

Cover Page

Order ID : Q3032

Project ID : 3 Coal Ave., Morristown, NJ

Client : Zuccaro Inc.

Lab Sample Number

Q3032-01
Q3032-02
Q3032-03
Q3032-04
Q3032-05
Q3032-06

Client Sample Number

SOIL-PILE-1
SOIL-PILE-1
SOIL-PILE-1
SOIL-PILE-2
SOIL-PILE-2
SOIL-PILE-2

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

Signature : _____

Date: 9/16/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3032

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 Castody

✓

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: MAYUR DESAI

Date: 09/16/2025

LAB CHRONICLE

OrderID:	Q3032	OrderDate:	9/5/2025 12:41:17 PM
Client:	Zuccaro Inc.	Project:	3 Coal Ave., Morristown, NJ
Contact:	Sal Zuccaro	Location:	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3032-01	SOIL-PILE-1	SOIL	SVOC-TCL BNA -20	8270E	09/05/25	09/08/25	09/08/25	09/05/25
Q3032-02	SOIL-PILE-1	TCLP	TCLP BNA	8270E	09/05/25	09/11/25	09/11/25	09/05/25
Q3032-04	SOIL-PILE-2	SOIL	SVOC-TCL BNA -20	8270E	09/05/25	09/08/25	09/08/25	09/05/25
Q3032-05	SOIL-PILE-2	TCLP	TCLP BNA	8270E	09/05/25	09/11/25	09/11/25	09/05/25

Hit Summary Sheet SW-846

SDG No.: Q3032
Client: Zuccaro Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : SOIL-PILE-1								
Q3032-01	SOIL-PILE-1	SOIL	Fluoranthene	130.000	J	36	200	ug/Kg
Q3032-01	SOIL-PILE-1	SOIL	Pyrene	92.700	J	43.2	200	ug/Kg
Total Svoc :				222.70				
Q3032-01	SOIL-PILE-1	SOIL	2-Pentanone, 4-hydroxy-4-methyl *	490.000	AB	0	0	ug/Kg
Q3032-01	SOIL-PILE-1	SOIL	Benzophenone *	190.000	J	0	0	ug/Kg
Q3032-01	SOIL-PILE-1	SOIL	E-15-Heptadecenal *	230.000	J	0	0	ug/Kg
Q3032-01	SOIL-PILE-1	SOIL	Tridecanoic acid *	470.000	J	0	0	ug/Kg
Q3032-01	SOIL-PILE-1	SOIL	Octadecanoic acid *	83.700	J	0	0	ug/Kg
Q3032-01	SOIL-PILE-1	SOIL	Perylene *	120.000	J	0	0	ug/Kg
Total Tics :				1,583.70				
Total Concentration:				1,806.40				
Client ID : SOIL-PILE-2								
Q3032-04	SOIL-PILE-2	SOIL	Phenanthrene	1,600.000		130	1000	ug/Kg
Q3032-04	SOIL-PILE-2	SOIL	Fluoranthene	3,000.000		180	1000	ug/Kg
Q3032-04	SOIL-PILE-2	SOIL	Pyrene	2,300.000		220	1000	ug/Kg
Q3032-04	SOIL-PILE-2	SOIL	Benzo(a)anthracene	1,400.000		140	1000	ug/Kg
Q3032-04	SOIL-PILE-2	SOIL	Chrysene	1,300.000		120	1000	ug/Kg
Q3032-04	SOIL-PILE-2	SOIL	Benzo(b)fluoranthene	1,700.000		110	1000	ug/Kg
Q3032-04	SOIL-PILE-2	SOIL	Benzo(k)fluoranthene	600.000	J	130	1000	ug/Kg
Q3032-04	SOIL-PILE-2	SOIL	Benzo(a)pyrene	1,300.000		180	1000	ug/Kg
Q3032-04	SOIL-PILE-2	SOIL	Indeno(1,2,3-cd)pyrene	690.000	J	170	1000	ug/Kg
Q3032-04	SOIL-PILE-2	SOIL	Benzo(g,h,i)perylene	840.000	J	150	1000	ug/Kg
Total Svoc :				14,730.00				
Q3032-04	SOIL-PILE-2	SOIL	Benzo[j]fluoranthene *	850.000	J	0	0	ug/Kg
Q3032-04	SOIL-PILE-2	SOIL	2-Pentanone, 4-hydroxy-4-methyl *	440.000	AB	0	0	ug/Kg
Q3032-04	SOIL-PILE-2	SOIL	6H-Cyclobuta[jk]phenanthrene *	570.000	J	0	0	ug/Kg
Q3032-04	SOIL-PILE-2	SOIL	Anthracene, 1,8-diethynyl- *	400.000	J	0	0	ug/Kg
Q3032-04	SOIL-PILE-2	SOIL	Anthracene, 1-methyl- *	480.000	J	0	0	ug/Kg
Total Tics :				2,740.00				
Total Concentration:				17,470.00				



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q3032

Client: Zuccaro Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB169593BL	PB169593BL	2-Fluorophenol	150	135	90		30 (18)	130 (112)
		Phenol-d6	150	128	86		30 (15)	130 (107)
		Nitrobenzene-d5	100	99.4	99		30 (18)	130 (107)
		2-Fluorobiphenyl	100	96.1	96		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	174	116		30 (10)	130 (116)
		Terphenyl-d14	100	100	100		30 (10)	130 (105)
PB169593BS	PB169593BS	2-Fluorophenol	150	126	84		30 (18)	130 (112)
		Phenol-d6	150	123	82		30 (15)	130 (107)
		Nitrobenzene-d5	100	88.3	88		30 (18)	130 (107)
		2-Fluorobiphenyl	100	88.0	88		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	153	102		30 (10)	130 (116)
		Terphenyl-d14	100	91.4	91		30 (10)	130 (105)
Q3032-01	SOIL-PILE-1	2-Fluorophenol	150	122	81		30 (18)	130 (112)
		Phenol-d6	150	115	77		30 (15)	130 (107)
		Nitrobenzene-d5	100	81.5	81		30 (18)	130 (107)
		2-Fluorobiphenyl	100	78.8	79		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	150	100		30 (10)	130 (116)
		Terphenyl-d14	100	78.2	78		30 (10)	130 (105)
Q3032-01MS	SOIL-PILE-1MS	2-Fluorophenol	150	119	80		30 (18)	130 (112)
		Phenol-d6	150	112	75		30 (15)	130 (107)
		Nitrobenzene-d5	100	76.9	77		30 (18)	130 (107)
		2-Fluorobiphenyl	100	70.0	70		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	141	94		30 (10)	130 (116)
		Terphenyl-d14	100	72.5	72		30 (10)	130 (105)
Q3032-01MSD	SOIL-PILE-1MSD	2-Fluorophenol	150	116	78		30 (18)	130 (112)
		Phenol-d6	150	110	73		30 (15)	130 (107)
		Nitrobenzene-d5	100	75.9	76		30 (18)	130 (107)
		2-Fluorobiphenyl	100	71.0	71		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	142	95		30 (10)	130 (116)
		Terphenyl-d14	100	72.7	73		30 (10)	130 (105)
Q3032-04	SOIL-PILE-2	2-Fluorophenol	150	108	72		30 (18)	130 (112)
		Phenol-d6	150	104	70		30 (15)	130 (107)
		Nitrobenzene-d5	100	71.3	71		30 (18)	130 (107)
		2-Fluorobiphenyl	100	58.4	58		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	131	87		30 (10)	130 (116)
		Terphenyl-d14	100	55.5	56		30 (10)	130 (105)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3032

Analytical Method: SW8270E

Client: Zuccaro Inc.

DataFile: BG064310.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3032-01MS		Client Sample ID: SOIL-PILE-1MS									
Benzaldehyde	2000	0	1300	ug/Kg	65				20 (10)	160 (171)	
Phenol	2000	0	1800	ug/Kg	90				20 (51)	160 (122)	
bis(2-Chloroethyl)ether	2000	0	1500	ug/Kg	75				70 (54)	130 (125)	
2-Chlorophenol	2000	0	1800	ug/Kg	90				70 (51)	130 (121)	
2-Methylphenol	2000	0	1700	ug/Kg	85				70 (47)	130 (125)	
2,2-oxybis(1-Chloropropane)	2000	0	1300	ug/Kg	65	*			70 (46)	130 (119)	
Acetophenone	2000	0	1900	ug/Kg	95				70 (55)	130 (128)	
3+4-Methylphenols	2000	0	1600	ug/Kg	80				20 (49)	160 (125)	
N-Nitroso-di-n-propylamine	2000	0	1500	ug/Kg	75				70 (59)	130 (119)	
Hexachloroethane	2000	0	1800	ug/Kg	90				20 (51)	160 (116)	
Nitrobenzene	2000	0	1700	ug/Kg	85				70 (47)	130 (124)	
Isophorone	2000	0	1600	ug/Kg	80				70 (49)	130 (127)	
2-Nitrophenol	2000	0	1900	ug/Kg	95				70 (43)	130 (131)	
2,4-Dimethylphenol	2000	0	2000	ug/Kg	100				70 (63)	130 (151)	
bis(2-Chloroethoxy)methane	2000	0	1600	ug/Kg	80				70 (51)	130 (119)	
2,4-Dichlorophenol	2000	0	1900	ug/Kg	95				70 (50)	130 (122)	
Naphthalene	2000	0	1800	ug/Kg	90				70 (51)	130 (121)	
4-Chloroaniline	2000	0	590	ug/Kg	29	*			70 (10)	130 (100)	
Hexachlorobutadiene	2000	0	2000	ug/Kg	100				70 (44)	130 (126)	
Caprolactam	2000	0	1500	ug/Kg	75				20 (51)	160 (134)	
4-Chloro-3-methylphenol	2000	0	1800	ug/Kg	90				70 (57)	130 (132)	
2-Methylnaphthalene	2000	0	1600	ug/Kg	80				70 (59)	130 (123)	
Hexachlorocyclopentadiene	4000	0	5100	ug/Kg	128				20 (10)	160 (175)	
2,4,6-Trichlorophenol	2000	0	1900	ug/Kg	95				70 (33)	130 (141)	
2,4,5-Trichlorophenol	2000	0	2000	ug/Kg	100				70 (38)	130 (135)	
1,1-Biphenyl	2000	0	1900	ug/Kg	95				70 (55)	130 (131)	
2-Chloronaphthalene	2000	0	1800	ug/Kg	90				70 (48)	130 (124)	
2-Nitroaniline	2000	0	1800	ug/Kg	90				70 (47)	130 (134)	
Dimethylphthalate	2000	0	1600	ug/Kg	80				70 (54)	130 (120)	
Acenaphthylene	2000	0	2000	ug/Kg	100				70 (57)	130 (125)	
2,6-Dinitrotoluene	2000	0	2000	ug/Kg	100				70 (48)	130 (127)	
3-Nitroaniline	2000	0	1000	ug/Kg	50	*			70 (10)	130 (112)	
Acenaphthene	2000	0	1700	ug/Kg	85				70 (70)	130 (121)	
2,4-Dinitrophenol	4000	0	3500	ug/Kg	88				20 (10)	160 (155)	
4-Nitrophenol	4000	0	3900	ug/Kg	98				20 (10)	160 (175)	
Dibenzofuran	2000	0	1800	ug/Kg	90				70 (52)	130 (114)	
2,4-Dinitrotoluene	2000	0	2000	ug/Kg	100				70 (41)	130 (140)	
Diethylphthalate	2000	0	1700	ug/Kg	85				70 (51)	130 (119)	
4-Chlorophenyl-phenylether	2000	0	1800	ug/Kg	90				70 (48)	130 (122)	
Fluorene	2000	0	1800	ug/Kg	90				70 (53)	130 (118)	
4-Nitroaniline	2000	0	1800	ug/Kg	90				70 (29)	130 (140)	
4,6-Dinitro-2-methylphenol	2000	0	1900	ug/Kg	95				70 (10)	130 (160)	
N-Nitrosodiphenylamine	2000	0	1800	ug/Kg	90				70 (73)	130 (118)	
4-Bromophenyl-phenylether	2000	0	1900	ug/Kg	95				70 (65)	130 (121)	
Hexachlorobenzene	2000	0	2000	ug/Kg	100				70 (67)	130 (118)	
Atrazine	2000	0	2000	ug/Kg	100				70 (45)	130 (175)	

() = LABORATORY INHOUSE LIMIT

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3032

Analytical Method: SW8270E

Client: Zuccaro Inc.

DataFile: BG064310.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	4000	0	4400	ug/Kg	110				20 (13)	160 (153)	
Phenanthrene	2000	0	1900	ug/Kg	95				70 (52)	130 (128)	
Anthracene	2000	0	1900	ug/Kg	95				70 (62)	130 (124)	
Carbazole	2000	0	1900	ug/Kg	95				70 (59)	130 (119)	
Di-n-butylphthalate	2000	0	1900	ug/Kg	95				70 (55)	130 (125)	
Fluoranthene	2000	130	2000	ug/Kg	94				70 (44)	130 (125)	
Pyrene	2000	92.7	1800	ug/Kg	85				70 (37)	130 (122)	
Butylbenzylphthalate	2000	0	1900	ug/Kg	95				70 (44)	130 (135)	
3,3-Dichlorobenzidine	2000	0	840	ug/Kg	42	*			70 (15)	130 (112)	
Benzo(a)anthracene	2000	0	1900	ug/Kg	95				70 (53)	130 (119)	
Chrysene	2000	0	1800	ug/Kg	90				70 (57)	130 (121)	
bis(2-Ethylhexyl)phthalate	2000	0	1800	ug/Kg	90				70 (42)	130 (169)	
Di-n-octyl phthalate	2000	0	1800	ug/Kg	90				70 (51)	130 (156)	
Benzo(b)fluoranthene	2000	0	1900	ug/Kg	95				70 (52)	130 (117)	
Benzo(k)fluoranthene	2000	0	1900	ug/Kg	95				70 (57)	130 (134)	
Benzo(a)pyrene	2000	0	2000	ug/Kg	100				70 (70)	130 (142)	
Indeno(1,2,3-cd)pyrene	2000	0	1900	ug/Kg	95				70 (40)	130 (129)	
Dibenz(a,h)anthracene	2000	0	1900	ug/Kg	95				70 (43)	130 (123)	
Benzo(g,h,i)perylene	2000	0	1900	ug/Kg	95				70 (24)	130 (125)	
1,2,4,5-Tetrachlorobenzene	2000	0	2200	ug/Kg	110				70 (52)	130 (134)	
1,4-Dioxane	2000	0	1400	ug/Kg	70				20 (46)	160 (112)	
2,3,4,6-Tetrachlorophenol	2000	0	2100	ug/Kg	105				70 (24)	130 (146)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3032

Analytical Method: SW8270E

Client: Zuccaro Inc.

DataFile: BG064311.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3032-01MSD		Client Sample ID: SOIL-PILE-1MSD									
Benzaldehyde	2000	0	1300	ug/Kg	65		0		20 (10)	160 (171)	30 (20)
Phenol	2000	0	1700	ug/Kg	85		6		20 (51)	160 (122)	30 (20)
bis(2-Chloroethyl)ether	2000	0	1500	ug/Kg	75		0		70 (54)	130 (125)	30 (20)
2-Chlorophenol	2000	0	1800	ug/Kg	90		0		70 (51)	130 (121)	30 (20)
2-Methylphenol	2000	0	1600	ug/Kg	80		6		70 (47)	130 (125)	30 (20)
2,2-oxybis(1-Chloropropane)	2000	0	1300	ug/Kg	65	*	0		70 (46)	130 (119)	30 (20)
Acetophenone	2000	0	1900	ug/Kg	95		0		70 (55)	130 (128)	30 (20)
3+4-Methylphenols	2000	0	1600	ug/Kg	80		0		20 (49)	160 (125)	30 (20)
N-Nitroso-di-n-propylamine	2000	0	1500	ug/Kg	75		0		70 (59)	130 (119)	30 (20)
Hexachloroethane	2000	0	1800	ug/Kg	90		0		20 (51)	160 (116)	30 (20)
Nitrobenzene	2000	0	1700	ug/Kg	85		0		70 (47)	130 (124)	30 (20)
Isophorone	2000	0	1500	ug/Kg	75		6		70 (49)	130 (127)	30 (20)
2-Nitrophenol	2000	0	1900	ug/Kg	95		0		70 (43)	130 (131)	30 (20)
2,4-Dimethylphenol	2000	0	1900	ug/Kg	95		5		70 (63)	130 (151)	30 (20)
bis(2-Chloroethoxy)methane	2000	0	1500	ug/Kg	75		6		70 (51)	130 (119)	30 (20)
2,4-Dichlorophenol	2000	0	1900	ug/Kg	95		0		70 (50)	130 (122)	30 (20)
Naphthalene	2000	0	1700	ug/Kg	85		6		70 (51)	130 (121)	30 (20)
4-Chloroaniline	2000	0	630	ug/Kg	32	*	10		70 (10)	130 (100)	30 (20)
Hexachlorobutadiene	2000	0	2100	ug/Kg	105		5		70 (44)	130 (126)	30 (20)
Caprolactam	2000	0	1600	ug/Kg	80		6		20 (51)	160 (134)	30 (20)
4-Chloro-3-methylphenol	2000	0	1800	ug/Kg	90		0		70 (57)	130 (132)	30 (20)
2-Methylnaphthalene	2000	0	1600	ug/Kg	80		0		70 (59)	130 (123)	30 (20)
Hexachlorocyclopentadiene	4000	0	4900	ug/Kg	123		4		20 (10)	160 (175)	30 (20)
2,4,6-Trichlorophenol	2000	0	2000	ug/Kg	100		5		70 (33)	130 (141)	30 (20)
2,4,5-Trichlorophenol	2000	0	2000	ug/Kg	100		0		70 (38)	130 (135)	30 (20)
1,1-Biphenyl	2000	0	2000	ug/Kg	100		5		70 (55)	130 (131)	30 (20)
2-Chloronaphthalene	2000	0	1800	ug/Kg	90		0		70 (48)	130 (124)	30 (20)
2-Nitroaniline	2000	0	1900	ug/Kg	95		5		70 (47)	130 (134)	30 (20)
Dimethylphthalate	2000	0	1700	ug/Kg	85		6		70 (54)	130 (120)	30 (20)
Acenaphthylene	2000	0	2000	ug/Kg	100		0		70 (57)	130 (125)	30 (20)
2,6-Dinitrotoluene	2000	0	2000	ug/Kg	100		0		70 (48)	130 (127)	30 (20)
3-Nitroaniline	2000	0	1100	ug/Kg	55	*	10		70 (10)	130 (112)	30 (20)
Acenaphthene	2000	0	1700	ug/Kg	85		0		70 (70)	130 (121)	30 (20)
2,4-Dinitrophenol	4000	0	3200	ug/Kg	80		10		20 (10)	160 (155)	30 (20)
4-Nitrophenol	4000	0	3900	ug/Kg	98		0		20 (10)	160 (175)	30 (20)
Dibenzofuran	2000	0	1800	ug/Kg	90		0		70 (52)	130 (114)	30 (20)
2,4-Dinitrotoluene	2000	0	2000	ug/Kg	100		0		70 (41)	130 (140)	30 (20)
Diethylphthalate	2000	0	1700	ug/Kg	85		0		70 (51)	130 (119)	30 (20)
4-Chlorophenyl-phenylether	2000	0	1900	ug/Kg	95		5		70 (48)	130 (122)	30 (20)
Fluorene	2000	0	1800	ug/Kg	90		0		70 (53)	130 (118)	30 (20)
4-Nitroaniline	2000	0	1700	ug/Kg	85		6		70 (29)	130 (140)	30 (20)
4,6-Dinitro-2-methylphenol	2000	0	1800	ug/Kg	90		5		70 (10)	130 (160)	30 (20)
N-Nitrosodiphenylamine	2000	0	1700	ug/Kg	85		6		70 (73)	130 (118)	30 (20)
4-Bromophenyl-phenylether	2000	0	1900	ug/Kg	95		0		70 (65)	130 (121)	30 (20)
Hexachlorobenzene	2000	0	1900	ug/Kg	95		5		70 (67)	130 (118)	30 (20)
Atrazine	2000	0	1900	ug/Kg	95		5		70 (45)	130 (175)	30 (20)

() = LABORATORY INHOUSE LIMIT

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3032

Analytical Method: SW8270E

Client: Zuccaro Inc.

DataFile: BG064311.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	4000	0	4400	ug/Kg	110		0		20 (13)	160 (153)	30 (20)
Phenanthrene	2000	0	1800	ug/Kg	90		5		70 (52)	130 (128)	30 (20)
Anthracene	2000	0	1800	ug/Kg	90		5		70 (62)	130 (124)	30 (20)
Carbazole	2000	0	1800	ug/Kg	90		5		70 (59)	130 (119)	30 (20)
Di-n-butylphthalate	2000	0	1800	ug/Kg	90		5		70 (55)	130 (125)	30 (20)
Fluoranthene	2000	130	1900	ug/Kg	89		5		70 (44)	130 (125)	30 (20)
Pyrene	2000	92.7	1800	ug/Kg	85		0		70 (37)	130 (122)	30 (20)
Butylbenzylphthalate	2000	0	1900	ug/Kg	95		0		70 (44)	130 (135)	30 (20)
3,3-Dichlorobenzidine	2000	0	850	ug/Kg	43	*	2		70 (15)	130 (112)	30 (20)
Benzo(a)anthracene	2000	0	1900	ug/Kg	95		0		70 (53)	130 (119)	30 (20)
Chrysene	2000	0	1800	ug/Kg	90		0		70 (57)	130 (121)	30 (20)
bis(2-Ethylhexyl)phthalate	2000	0	1800	ug/Kg	90		0		70 (42)	130 (169)	30 (20)
Di-n-octyl phthalate	2000	0	1800	ug/Kg	90		0		70 (51)	130 (156)	30 (20)
Benzo(b)fluoranthene	2000	0	1800	ug/Kg	90		5		70 (52)	130 (117)	30 (20)
Benzo(k)fluoranthene	2000	0	1900	ug/Kg	95		0		70 (57)	130 (134)	30 (20)
Benzo(a)pyrene	2000	0	1900	ug/Kg	95		5		70 (70)	130 (142)	30 (20)
Indeno(1,2,3-cd)pyrene	2000	0	1900	ug/Kg	95		0		70 (40)	130 (129)	30 (20)
Dibenz(a,h)anthracene	2000	0	1900	ug/Kg	95		0		70 (43)	130 (123)	30 (20)
Benzo(g,h,i)perylene	2000	0	1900	ug/Kg	95		0		70 (24)	130 (125)	30 (20)
1,2,4,5-Tetrachlorobenzene	2000	0	2200	ug/Kg	110		0		70 (52)	130 (134)	30 (20)
1,4-Dioxane	2000	0	1400	ug/Kg	70		0		20 (46)	160 (112)	30 (20)
2,3,4,6-Tetrachlorophenol	2000	0	2100	ug/Kg	105		0		70 (24)	130 (146)	30 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3032

Analytical Method:

8270E

Client: Zuccaro Inc.

DataFile:

BG064331.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB169593BS	Benzaldehyde	1700	650	ug/Kg	38				20 (10)	160 (133)	
	Phenol	1700	1400	ug/Kg	82				20 (62)	160 (112)	
	bis(2-Chloroethyl)ether	1700	1200	ug/Kg	71				70 (60)	130 (101)	
	2-Chlorophenol	1700	1500	ug/Kg	88				70 (65)	130 (112)	
	2-Methylphenol	1700	1400	ug/Kg	82				70 (61)	130 (108)	
	2,2-oxybis(1-Chloropropane)	1700	1000	ug/Kg	59		*		70 (51)	130 (100)	
	Acetophenone	1700	1500	ug/Kg	88				70 (66)	130 (98)	
	3+4-Methylphenols	1700	1300	ug/Kg	76				20 (58)	160 (111)	
	N-Nitroso-di-n-propylamine	1700	1200	ug/Kg	71				70 (63)	130 (95)	
	Hexachloroethane	1700	1400	ug/Kg	82				20 (72)	160 (108)	
	Nitrobenzene	1700	1500	ug/Kg	88				70 (57)	130 (101)	
	Isophorone	1700	1300	ug/Kg	76				70 (59)	130 (99)	
	2-Nitrophenol	1700	1600	ug/Kg	94				70 (61)	130 (111)	
	2,4-Dimethylphenol	1700	1600	ug/Kg	94				70 (46)	130 (141)	
	bis(2-Chloroethoxy)methane	1700	1300	ug/Kg	76				70 (66)	130 (97)	
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				70 (62)	130 (107)	
	Naphthalene	1700	1400	ug/Kg	82				70 (62)	130 (100)	
	4-Chloroaniline	1700	920	ug/Kg	54		*		70 (16)	130 (100)	
	Hexachlorobutadiene	1700	1700	ug/Kg	100				70 (53)	130 (98)	
	Caprolactam	1700	1300	ug/Kg	76				20 (67)	160 (110)	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				70 (58)	130 (112)	
	2-Methylnaphthalene	1700	1300	ug/Kg	76				70 (60)	130 (104)	
	Hexachlorocyclopentadiene	3300	5000	ug/Kg	152				20 (45)	160 (165)	
	2,4,6-Trichlorophenol	1700	1600	ug/Kg	94				70 (59)	130 (102)	
	2,4,5-Trichlorophenol	1700	1600	ug/Kg	94				70 (61)	130 (98)	
	1,1-Biphenyl	1700	1500	ug/Kg	88				70 (57)	130 (103)	
	2-Chloronaphthalene	1700	1500	ug/Kg	88				70 (58)	130 (99)	
	2-Nitroaniline	1700	1600	ug/Kg	94				70 (66)	130 (101)	
	Dimethylphthalate	1700	1500	ug/Kg	88				70 (61)	130 (99)	
	Acenaphthylene	1700	1700	ug/Kg	100				70 (63)	130 (101)	
	2,6-Dinitrotoluene	1700	1700	ug/Kg	100				70 (61)	130 (104)	
	3-Nitroaniline	1700	1200	ug/Kg	71				70 (28)	130 (100)	
	Acenaphthene	1700	1400	ug/Kg	82				70 (57)	130 (104)	
	2,4-Dinitrophenol	3300	3400	ug/Kg	103				20 (37)	160 (128)	
	4-Nitrophenol	3300	3100	ug/Kg	94				20 (48)	160 (119)	
	Dibenzofuran	1700	1500	ug/Kg	88				70 (63)	130 (99)	
	2,4-Dinitrotoluene	1700	1700	ug/Kg	100				70 (60)	130 (106)	
	Diethylphthalate	1700	1500	ug/Kg	88				70 (60)	130 (101)	
	4-Chlorophenyl-phenylether	1700	1600	ug/Kg	94				70 (58)	130 (98)	
	Fluorene	1700	1500	ug/Kg	88				70 (61)	130 (101)	
	4-Nitroaniline	1700	1600	ug/Kg	94				70 (64)	130 (103)	
	4,6-Dinitro-2-methylphenol	1700	1800	ug/Kg	106				70 (76)	130 (113)	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				70 (71)	130 (99)	
	4-Bromophenyl-phenylether	1700	1600	ug/Kg	94				70 (66)	130 (102)	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3032

Analytical Method:

8270E

Client: Zuccaro Inc.

DataFile:

BG064331.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB169593BS	Hexachlorobenzene	1700	1600	ug/Kg	94				70 (64)	130 (98)		
	Atrazine	1700	1600	ug/Kg	94				70 (47)	130 (152)		
	Pentachlorophenol	3300	3600	ug/Kg	109				20 (67)	160 (105)		
	Phenanthrene	1700	1500	ug/Kg	88				70 (59)	130 (103)		
	Anthracene	1700	1500	ug/Kg	88				70 (61)	130 (105)		
	Carbazole	1700	1500	ug/Kg	88				70 (61)	130 (99)		
	Di-n-butylphthalate	1700	1600	ug/Kg	94				70 (58)	130 (104)		
	Fluoranthene	1700	1600	ug/Kg	94				70 (57)	130 (107)		
	Pyrene	1700	1500	ug/Kg	88				70 (59)	130 (103)		
	Butylbenzylphthalate	1700	1500	ug/Kg	88				70 (55)	130 (103)		
	3,3-Dichlorobenzidine	1700	1100	ug/Kg	65		*		70 (42)	130 (91)		
	Benzo(a)anthracene	1700	1500	ug/Kg	88				70 (60)	130 (102)		
	Chrysene	1700	1500	ug/Kg	88				70 (59)	130 (101)		
	bis(2-Ethylhexyl)phthalate	1700	1500	ug/Kg	88				70 (54)	130 (135)		
	Di-n-octyl phthalate	1700	1500	ug/Kg	88				70 (52)	130 (137)		
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				70 (62)	130 (109)		
	Benzo(k)fluoranthene	1700	1500	ug/Kg	88				70 (62)	130 (109)		
	Benzo(a)pyrene	1700	1600	ug/Kg	94				70 (63)	130 (103)		
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				70 (63)	130 (101)		
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				70 (61)	130 (112)		
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70 (70)	130 (108)		
	1,2,4,5-Tetrachlorobenzene	1700	1600	ug/Kg	94				70 (53)	130 (101)		
	1,4-Dioxane	1700	1000	ug/Kg	59				20 (50)	160 (96)		
	2,3,4,6-Tetrachlorophenol	1700	1800	ug/Kg	106				70 (59)	130 (108)		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB169593BL

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Lab File ID: BG064330.D

Lab Sample ID: PB169593BL

Instrument ID: BNA_G

Date Extracted: 09/08/2025

Matrix: (soil/water) SOIL

Date Analyzed: 09/10/2025

Level: (low/med) LOW

Time Analyzed: 13:18

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169593BS	PB169593BS	BG064331.D	09/10/2025
SOIL-PILE-1	Q3032-01	BG064309.D	09/08/2025
SOIL-PILE-1MS	Q3032-01MS	BG064310.D	09/08/2025
SOIL-PILE-1MSD	Q3032-01MSD	BG064311.D	09/08/2025
SOIL-PILE-2	Q3032-04	BG064312.D	09/08/2025

COMMENTS: _____



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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BG064217.D
Instrument ID: BNA_G

Contract: ZUCC01
SDG NO.: Q3032
DFTPP Injection Date: 08/28/2025
DFTPP Injection Time: 10:11

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	34.7
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	7.1
365	Greater than 1% of mass 198	5.2
441	Present, but less than mass 443	15
442	Greater than 50% of mass 198	90.8
443	15.0 - 24.0% of mass 442	17 (18.7) 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
SSTDICC2.5	SSTDICC2.5	BG064218.D	08/28/2025	10:51
SSTDICC005	SSTDICC005	BG064219.D	08/28/2025	11:32
SSTDICC010	SSTDICC010	BG064220.D	08/28/2025	12:12
SSTDICC020	SSTDICC020	BG064221.D	08/28/2025	12:53
SSTDICCC040	SSTDICCC040	BG064222.D	08/28/2025	13:33
SSTDICC050	SSTDICC050	BG064223.D	08/28/2025	14:55
SSTDICC060	SSTDICC060	BG064224.D	08/28/2025	15:35
SSTDICC080	SSTDICC080	BG064225.D	08/28/2025	16:16



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BG064300.D
Instrument ID: BNA_G

Contract: ZUCC01
SDG NO.: Q3032
DFTPP Injection Date: 09/08/2025
DFTPP Injection Time: 09:04

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	34
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.4
365	Greater than 1% of mass 198	5.8
441	Present, but less than mass 443	11
442	Greater than 50% of mass 198	96.9
443	15.0 - 24.0% of mass 442	18 (18.6) 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
SSTDCCC040	SSTDCCC040	BG064301.D	09/08/2025	10:26
SOIL-PILE-1	Q3032-01	BG064309.D	09/08/2025	16:19
SOIL-PILE-1MS	Q3032-01MS	BG064310.D	09/08/2025	17:00
SOIL-PILE-1MSD	Q3032-01MSD	BG064311.D	09/08/2025	17:41
SOIL-PILE-2	Q3032-04	BG064312.D	09/08/2025	18:22



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: AllianceContract: ZUCC01Lab Code: ACESDG NO.: Q3032Lab File ID: BG064328.DDFTPP Injection Date: 09/10/2025Instrument ID: BNA_GDFTPP Injection Time: 10:50

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.1 (0.3) 1
69	Mass 69 relative abundance	33.7
70	Less than 2.0% of mass 69	0.2 (0.6) 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	6.9
365	Greater than 1% of mass 198	6.3
441	Present, but less than mass 443	15.5
442	Greater than 50% of mass 198	97.9
443	15.0 - 24.0% of mass 442	19.8 (20.2) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BG064329.D	09/10/2025	12:37
PB169593BL	PB169593BL	BG064330.D	09/10/2025	13:18
PB169593BS	PB169593BS	BG064331.D	09/10/2025	13:58

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3032

Client ID : SSTDCCC040

Date Analyzed: 09/08/2025

Lab File ID: BG064301.D

Time Analyzed: 10:26

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	22540	7.847	98292	10.64	71497	14.48
UPPER LIMIT	45080	8.347	196584	11.138	142994	14.975
LOWER LIMIT	11270	7.347	49146	10.138	35748.5	13.975
EPA SAMPLE NO.						
01 SOIL-PILE-1	30958	7.85	128379	10.64	87714	14.47
02 SOIL-PILE-1MS	27870	7.85	120718	10.64	87528	14.47
03 SOIL-PILE-1MSD	27418	7.85	118432	10.64	85135	14.47
04 SOIL-PILE-2	23608	7.85	100404	10.63	71106	14.48

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.: Q3032

Client ID: SSTDCCC040

Date Analyzed: 09/08/2025

Lab File ID: BG064301.D

Time Analyzed: 10:26

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	172801	17.213	186770	21.449	203030	24.451
UPPER LIMIT	345602	17.713	373540	21.949	406060	24.951
LOWER LIMIT	86400.5	16.713	93385	20.949	101515	23.951
EPA SAMPLE NO.						
01 SOIL-PILE-1	216909	17.22	236168	21.45	267983	24.46
02 SOIL-PILE-1MS	206725	17.22	233045	21.45	259001	24.46
03 SOIL-PILE-1MSD	210434	17.22	229459	21.45	254609	24.46
04 SOIL-PILE-2	169678	17.21	196040	21.44	213880	24.46

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.: Q3032

Client ID : SSTDCCC040

Date Analyzed: 09/10/2025

Lab File ID: BG064329.D

Time Analyzed: 12:37

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	27684	7.846	118232	10.63	85027	14.47
UPPER LIMIT	55368	8.346	236464	11.131	170054	14.968
LOWER LIMIT	13842	7.346	59116	10.131	42513.5	13.968
EPA SAMPLE NO.						
01 PB169593BL	23634	7.84	95435	10.63	68731	14.47
02 PB169593BS	23229	7.85	98242	10.63	69463	14.47

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.: Q3032

Client ID: SSTDCCC040

Date Analyzed: 09/10/2025

Lab File ID: BG064329.D

Time Analyzed: 12:37

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	196821	17.211	218500	21.442	236667	24.438
UPPER LIMIT	393642	17.711	437000	21.942	473334	24.938
LOWER LIMIT	98410.5	16.711	109250	20.942	118334	23.938
EPA SAMPLE NO.						
01 PB169593BL	174502	17.21	194396	21.43	213111	24.44
02 PB169593BS	167983	17.21	181826	21.44	201546	24.44

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

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	09/05/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/05/25
Client Sample ID:	SOIL-PILE-1	SDG No.:	Q3032
Lab Sample ID:	Q3032-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83.1
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064309.D	1	09/08/25 09:30	09/08/25 16:19	PB169593

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	190	U	190	400	ug/Kg
108-95-2	Phenol	26.5	U	26.5	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	29.2	U	29.2	200	ug/Kg
95-57-8	2-Chlorophenol	29.3	U	29.3	200	ug/Kg
95-48-7	2-Methylphenol	35.9	U	35.9	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45.0	UQ	45.0	200	ug/Kg
98-86-2	Acetophenone	35.4	U	35.4	200	ug/Kg
65794-96-9	3+4-Methylphenols	49.4	U	49.4	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	56.9	U	56.9	96.1	ug/Kg
67-72-1	Hexachloroethane	21.1	U	21.1	200	ug/Kg
98-95-3	Nitrobenzene	22.0	U	22.0	200	ug/Kg
78-59-1	Isophorone	39.4	U	39.4	200	ug/Kg
88-75-5	2-Nitrophenol	69.9	U	69.9	200	ug/Kg
105-67-9	2,4-Dimethylphenol	77.8	U	77.8	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	37.0	U	37.0	200	ug/Kg
120-83-2	2,4-Dichlorophenol	34.0	U	34.0	200	ug/Kg
91-20-3	Naphthalene	27.3	U	27.3	200	ug/Kg
106-47-8	4-Chloroaniline	42.5	UQ	42.5	200	ug/Kg
87-68-3	Hexachlorobutadiene	30.4	U	30.4	200	ug/Kg
105-60-2	Caprolactam	62.6	U	62.6	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34.5	U	34.5	200	ug/Kg
91-57-6	2-Methylnaphthalene	30.7	U	30.7	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	23.8	U	23.8	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	34.9	U	34.9	200	ug/Kg
92-52-4	1,1-Biphenyl	26.2	U	26.2	200	ug/Kg
91-58-7	2-Chloronaphthalene	27.0	U	27.0	200	ug/Kg
88-74-4	2-Nitroaniline	57.8	U	57.8	200	ug/Kg
131-11-3	Dimethylphthalate	32.5	U	32.5	200	ug/Kg

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	09/05/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/05/25
Client Sample ID:	SOIL-PILE-1	SDG No.:	Q3032
Lab Sample ID:	Q3032-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83.1
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064309.D	1	09/08/25 09:30	09/08/25 16:19	PB169593

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	34.7	U	34.7	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	40.4	U	40.4	200	ug/Kg
99-09-2	3-Nitroaniline	55.2	U	55.2	200	ug/Kg
83-32-9	Acenaphthene	25.6	U	25.6	200	ug/Kg
51-28-5	2,4-Dinitrophenol	280	U	280	400	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	400	ug/Kg
132-64-9	Dibenzofuran	27.3	U	27.3	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	60.2	U	60.2	200	ug/Kg
84-66-2	Diethylphthalate	34.0	U	34.0	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	32.1	U	32.1	200	ug/Kg
86-73-7	Fluorene	30.4	U	30.4	200	ug/Kg
100-01-6	4-Nitroaniline	77.1	U	77.1	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	39.5	U	39.5	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33.4	U	33.4	200	ug/Kg
118-74-1	Hexachlorobenzene	30.4	U	30.4	200	ug/Kg
1912-24-9	Atrazine	40.8	U	40.8	200	ug/Kg
87-86-5	Pentachlorophenol	61.6	U	61.6	400	ug/Kg
85-01-8	Phenanthrene	25.1	U	25.1	200	ug/Kg
120-12-7	Anthracene	40.0	U	40.0	200	ug/Kg
86-74-8	Carbazole	37.5	U	37.5	200	ug/Kg
84-74-2	Di-n-butylphthalate	57.5	U	57.5	200	ug/Kg
206-44-0	Fluoranthene	130	J	36.0	200	ug/Kg
129-00-0	Pyrene	92.7	J	43.2	200	ug/Kg
85-68-7	Butylbenzylphthalate	85.7	U	85.7	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	44.1	UQ	44.1	400	ug/Kg
56-55-3	Benzo(a)anthracene	27.6	U	27.6	200	ug/Kg
218-01-9	Chrysene	23.9	U	23.9	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	71.1	U	71.1	200	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	22.8	U	22.8	200	ug/Kg

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	09/05/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/05/25
Client Sample ID:	SOIL-PILE-1	SDG No.:	Q3032
Lab Sample ID:	Q3032-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83.1
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064309.D	1	09/08/25 09:30	09/08/25 16:19	PB169593

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	26.9	U	26.9	200	ug/Kg
50-32-8	Benzo(a)pyrene	35.4	U	35.4	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34.9	U	34.9	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32.9	U	32.9	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30.9	U	30.9	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30.7	U	30.7	200	ug/Kg
123-91-1	1,4-Dioxane	54.3	U	54.3	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	32.9	U	32.9	200	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	122		30 (18) - 130 (112)	81%	SPK: 150
13127-88-3	Phenol-d6	115		30 (15) - 130 (107)	77%	SPK: 150
4165-60-0	Nitrobenzene-d5	81.5		30 (18) - 130 (107)	81%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.8		30 (20) - 130 (109)	79%	SPK: 100
118-79-6	2,4,6-Tribromophenol	150		30 (10) - 130 (116)	100%	SPK: 150
1718-51-0	Terphenyl-d14	78.2		30 (10) - 130 (105)	78%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	31000	7.852	
1146-65-2	Naphthalene-d8	128000	10.636	
15067-26-2	Acenaphthene-d10	87700	14.473	
1517-22-2	Phenanthrene-d10	217000	17.217	
1719-03-5	Chrysene-d12	236000	21.447	
1520-96-3	Perylene-d12	268000	24.456	

TENTATIVE IDENTIFIED COMPOUNDS

000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	490	AB	4.97	ug/Kg
000119-61-9	Benzophenone	190	J	15.8	ug/Kg
000638-53-9	Tridecanoic acid	470	J	18.1	ug/Kg
000057-11-4	Octadecanoic acid	83.7	J	19.4	ug/Kg
1000130-97-9	E-15-Heptadecenal	230	J	21.1	ug/Kg
000198-55-0	Perylene	120	J	23.5	ug/Kg

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	09/05/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/05/25
Client Sample ID:	SOIL-PILE-1	SDG No.:	Q3032
Lab Sample ID:	Q3032-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83.1
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064309.D	1	09/08/25 09:30	09/08/25 16:19	PB169593

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

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\BG090825\
Data File : BG064309.D
Acq On : 8 Sep 2025 16:19
Operator : RC/JU
Sample : Q3032-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1

Quant Time: Sep 08 17:00:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

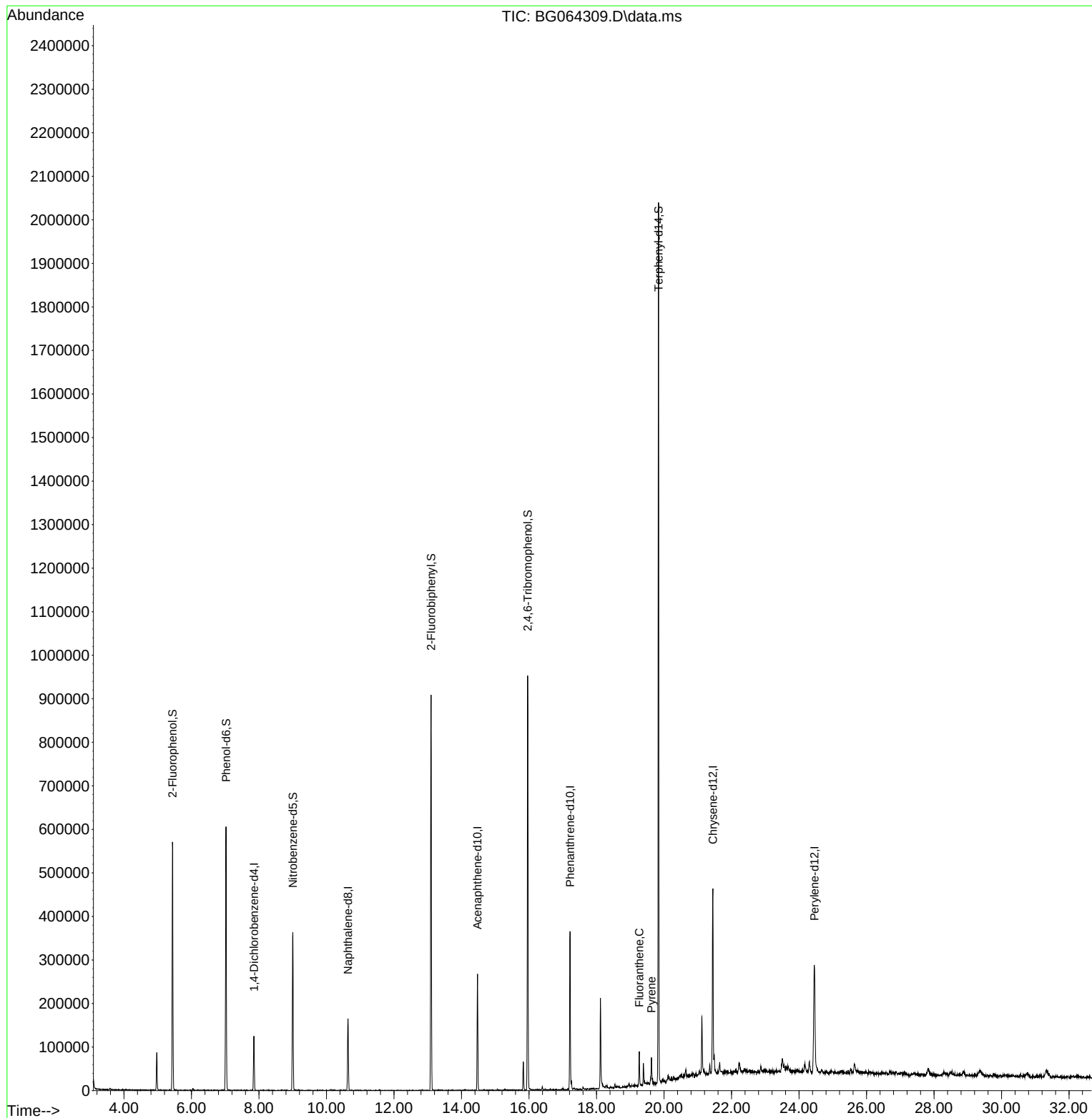
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	30958	20.000	ng	0.00
21) Naphthalene-d8	10.636	136	128379	20.000	ng	#-0.01
39) Acenaphthene-d10	14.473	164	87714	20.000	ng	0.00
64) Phenanthrene-d10	17.217	188	216909	20.000	ng	# 0.00
76) Chrysene-d12	21.447	240	236168	20.000	ng	0.00
86) Perylene-d12	24.456	264	267983	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.437	112	209893	121.638	ng	0.00
7) Phenol-d6	7.023	99	272607	114.994	ng	0.00
23) Nitrobenzene-d5	9.003	82	187497	81.452	ng	-0.01
42) 2,4,6-Tribromophenol	15.960	330	174374	150.088	ng	-0.01
45) 2-Fluorobiphenyl	13.098	172	452664	78.770	ng	-0.01
79) Terphenyl-d14	19.837	244	885501	78.227	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.268	202	42739	3.177	ng	97
78) Pyrene	19.626	202	34445	2.315	ng	98

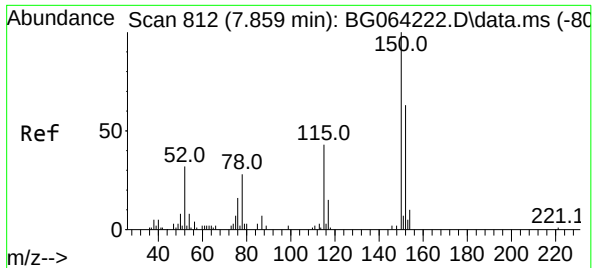
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
Data File : BG064309.D
Acq On : 8 Sep 2025 16:19
Operator : RC/JU
Sample : Q3032-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1

Quant Time: Sep 08 17:00:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

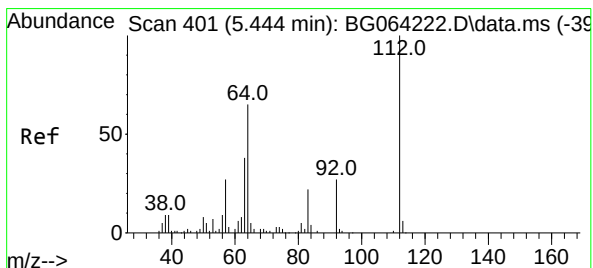
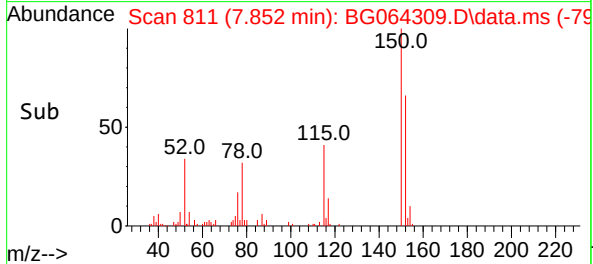
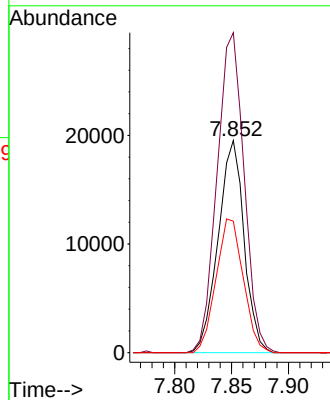
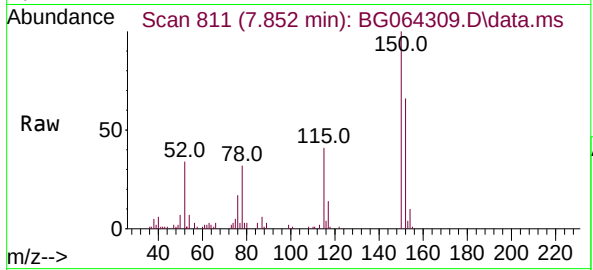




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.852 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG064309.D
Acq: 8 Sep 2025 16:19

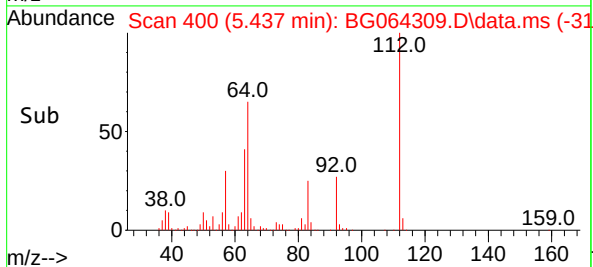
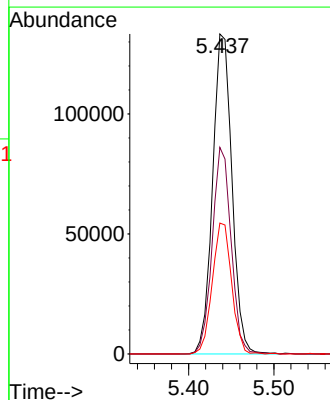
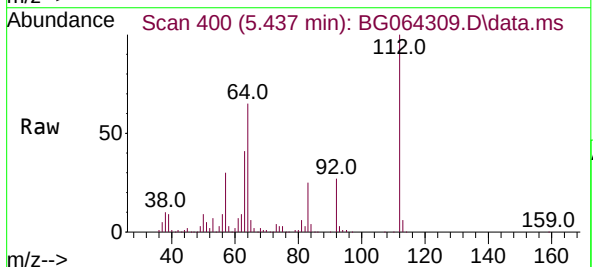
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1

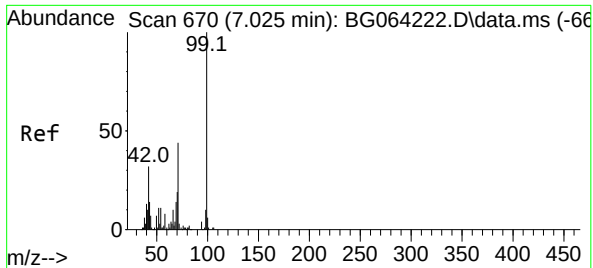
Tgt Ion:152 Resp: 30958
Ion Ratio Lower Upper
152 100
150 150.9 128.0 192.0
115 62.0 55.7 83.5



#5
2-Fluorophenol
Concen: 121.638 ng
RT: 5.437 min Scan# 400
Delta R.T. -0.008 min
Lab File: BG064309.D
Acq: 8 Sep 2025 16:19

Tgt Ion:112 Resp: 209893
Ion Ratio Lower Upper
112 100
64 64.5 51.8 77.6
63 40.9 30.6 45.8

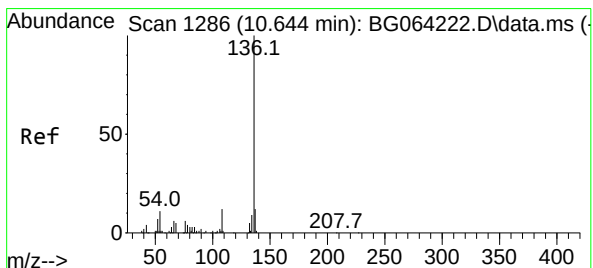
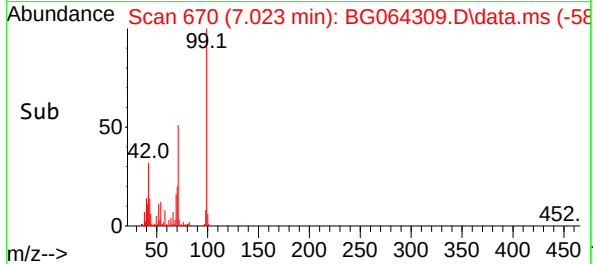
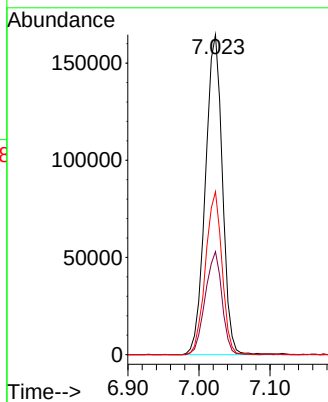
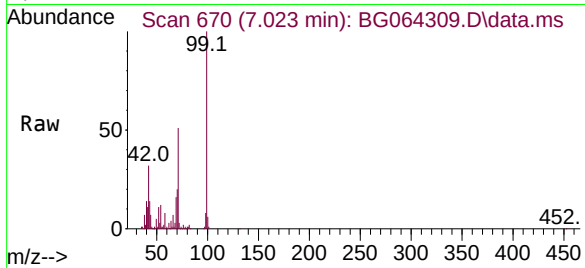




#7
Phenol-d6
Concen: 114.994 ng
RT: 7.023 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG064309.D
Acq: 8 Sep 2025 16:19

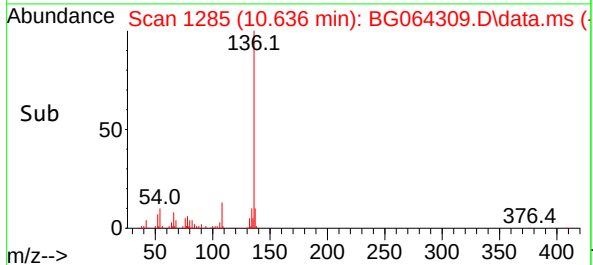
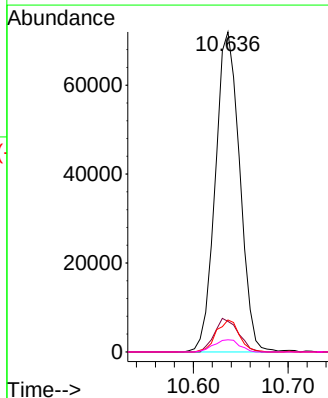
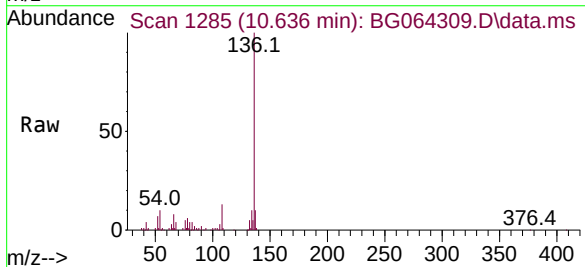
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1

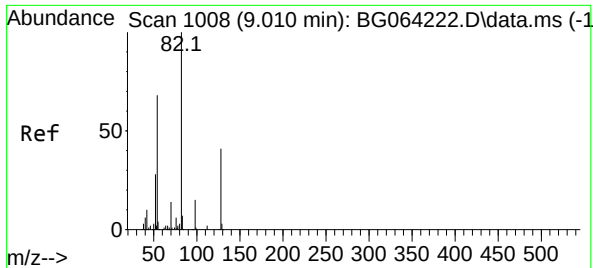
Tgt Ion: 99 Resp: 272607
Ion Ratio Lower Upper
99 100
42 32.2 25.8 38.8
71 50.9 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.636 min Scan# 1285
Delta R.T. -0.014 min
Lab File: BG064309.D
Acq: 8 Sep 2025 16:19

Tgt Ion:136 Resp: 128379
Ion Ratio Lower Upper
136 100
137 9.5 9.6 14.4#
54 10.0 8.8 13.2
68 3.8 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 81.452 ng

RT: 9.003 min Scan# 1007

Delta R.T. -0.013 min

Lab File: BG064309.D

Acq: 8 Sep 2025 16:19

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-1

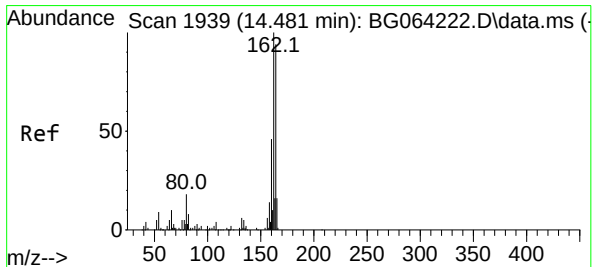
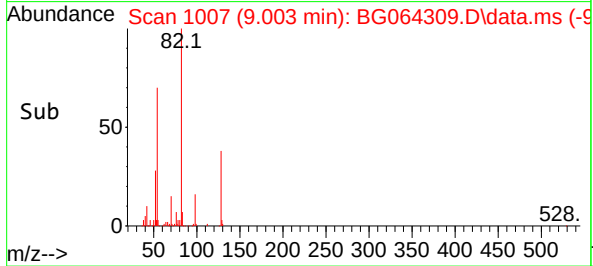
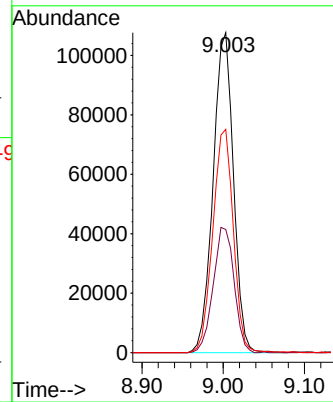
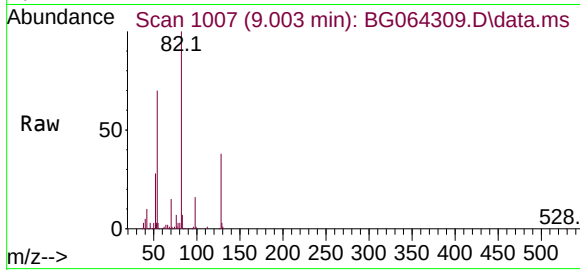
Tgt Ion: 82 Resp: 187497

Ion Ratio Lower Upper

82 100

128 38.5 32.6 48.8

54 69.8 54.7 82.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.473 min Scan# 1938

Delta R.T. -0.008 min

Lab File: BG064309.D

Acq: 8 Sep 2025 16:19

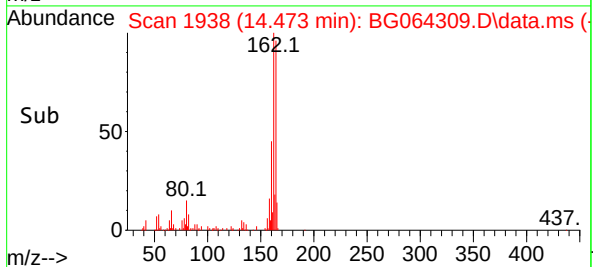
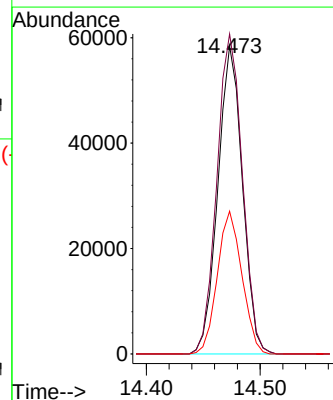
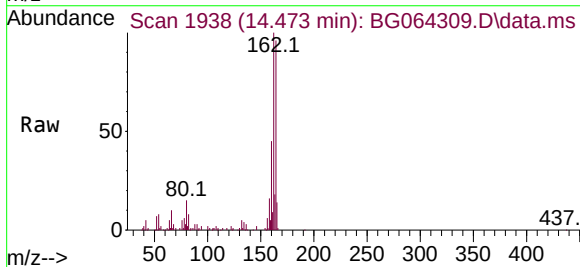
Tgt Ion:164 Resp: 87714

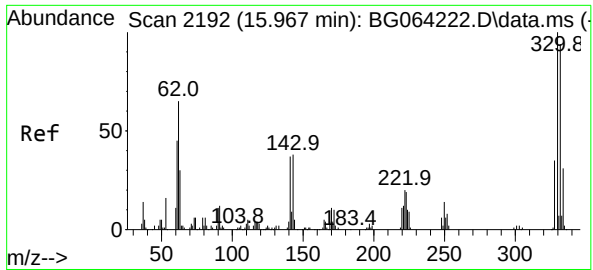
Ion Ratio Lower Upper

164 100

162 103.9 85.4 128.0

160 46.3 39.2 58.8

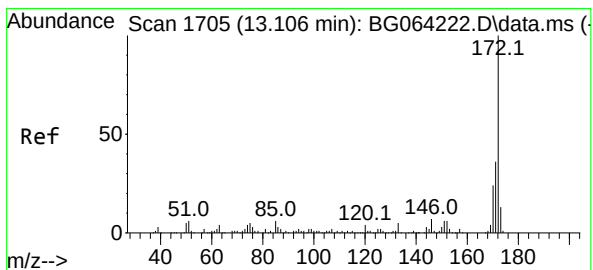
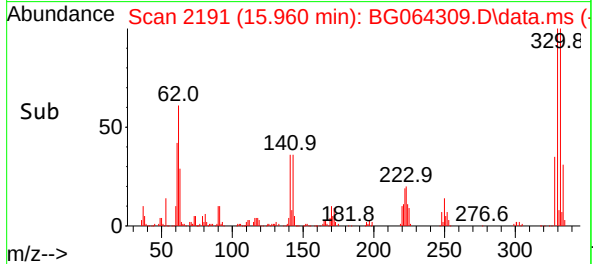
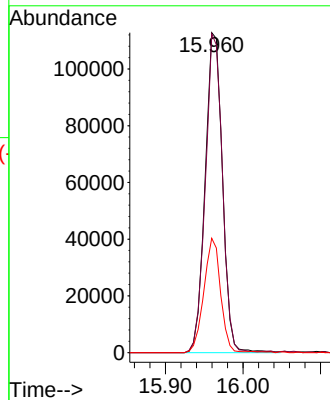
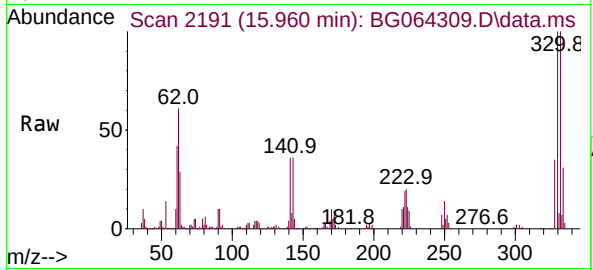




#42
2,4,6-Tribromophenol
Concen: 150.088 ng
RT: 15.960 min Scan# 2192
Delta R.T. -0.013 min
Lab File: BG064309.D
Acq: 8 Sep 2025 16:19

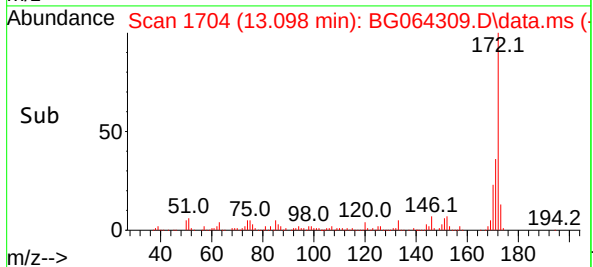
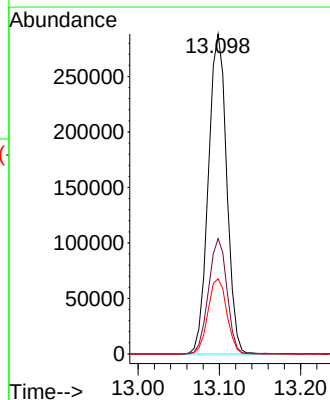
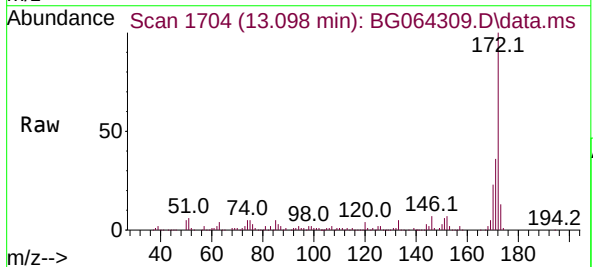
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1

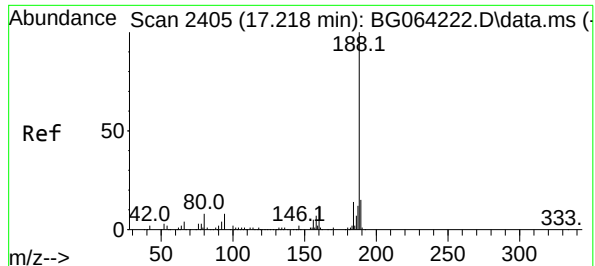
Tgt Ion:330 Resp: 174374
Ion Ratio Lower Upper
330 100
332 98.0 77.6 116.4
141 34.5 29.8 44.6



#45
2-Fluorobiphenyl
Concen: 78.770 ng
RT: 13.098 min Scan# 1704
Delta R.T. -0.013 min
Lab File: BG064309.D
Acq: 8 Sep 2025 16:19

Tgt Ion:172 Resp: 452664
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 23.5 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.217 min Scan# 24

Delta R.T. -0.008 min

Lab File: BG064309.D

Acq: 8 Sep 2025 16:19

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-1

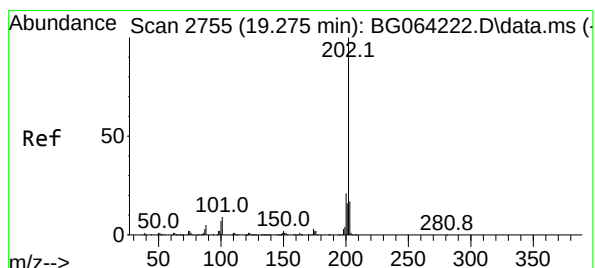
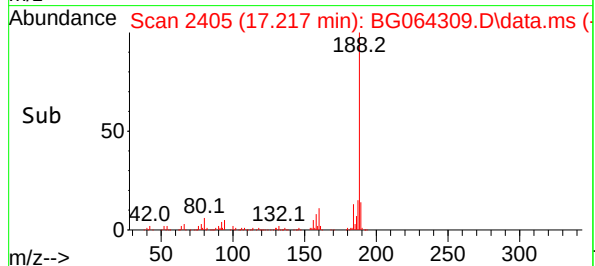
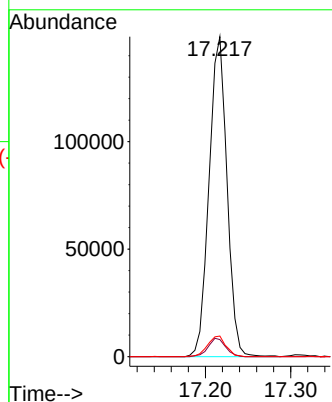
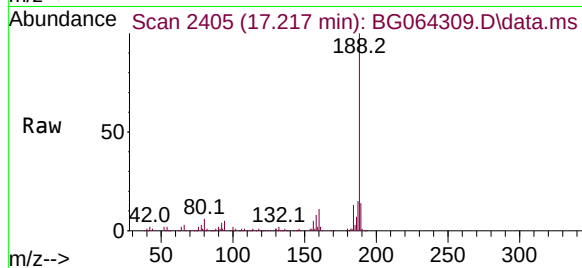
Tgt Ion:188 Resp: 216909

Ion Ratio Lower Upper

188 100

94 5.3 6.2 9.4#

80 6.4 6.8 10.2#



#75

Fluoranthene

Concen: 3.177 ng

RT: 19.268 min Scan# 2754

Delta R.T. -0.008 min

Lab File: BG064309.D

Acq: 8 Sep 2025 16:19

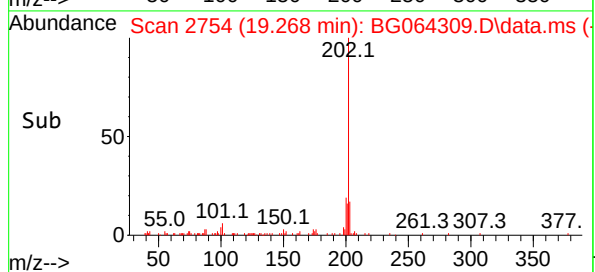
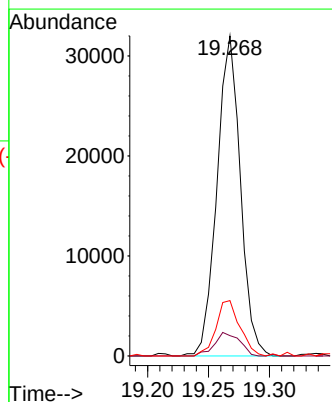
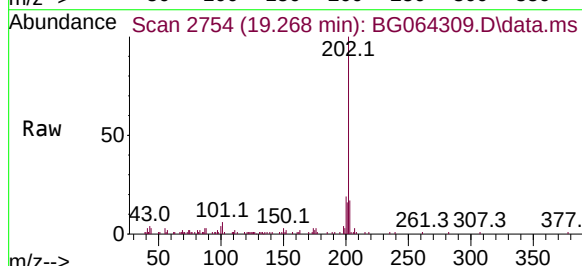
Tgt Ion:202 Resp: 42739

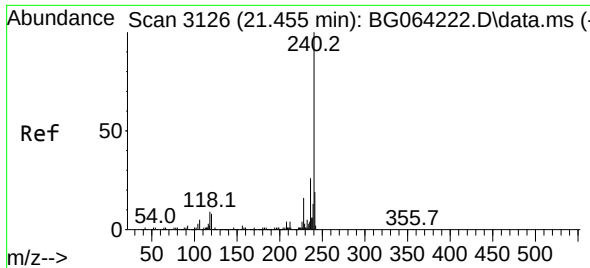
Ion Ratio Lower Upper

202 100

101 6.4 0.0 28.7

203 17.3 0.0 36.9

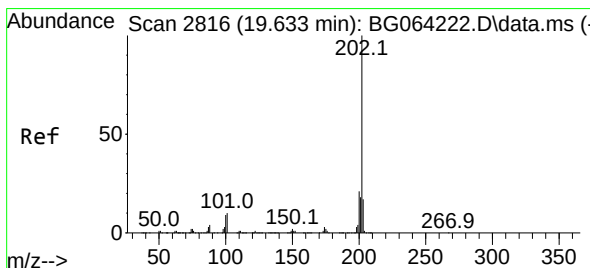
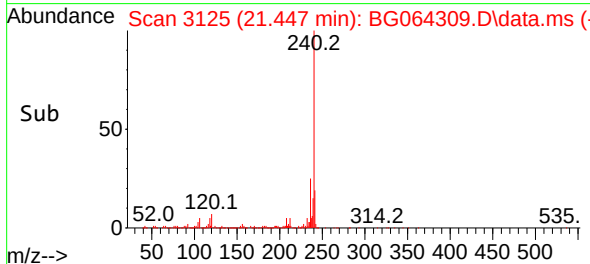
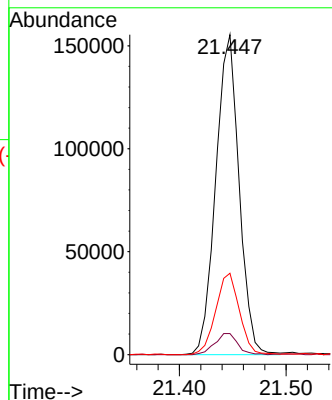
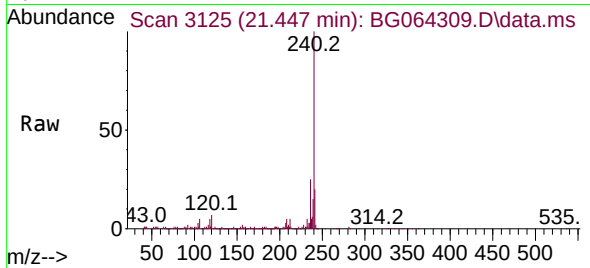




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.447 min Scan# 3125
Delta R.T. -0.008 min
Lab File: BG064309.D
Acq: 8 Sep 2025 16:19

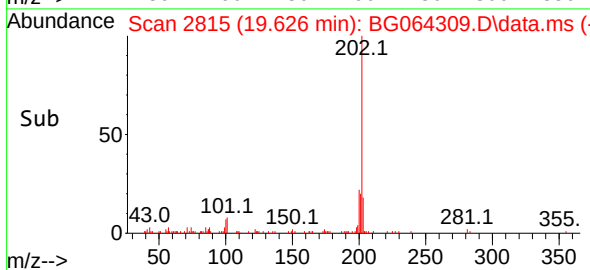
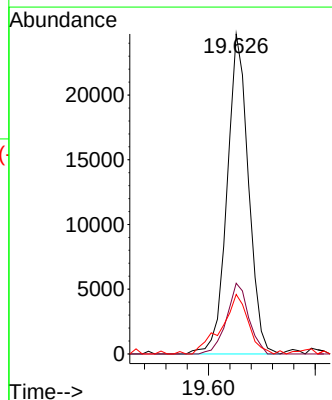
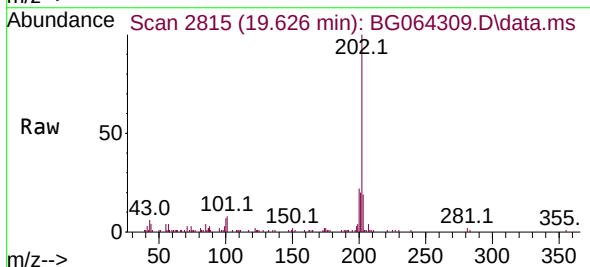
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1

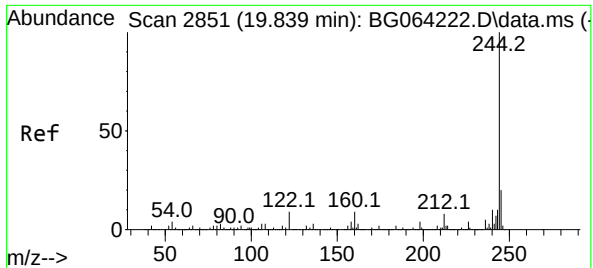
Tgt Ion:240 Resp: 236168
Ion Ratio Lower Upper
240 100
120 6.6 6.2 9.4
236 25.4 20.5 30.7



#78
Pyrene
Concen: 2.315 ng
RT: 19.626 min Scan# 2815
Delta R.T. -0.013 min
Lab File: BG064309.D
Acq: 8 Sep 2025 16:19

Tgt Ion:202 Resp: 34445
Ion Ratio Lower Upper
202 100
200 22.1 16.9 25.3
203 18.6 13.8 20.8

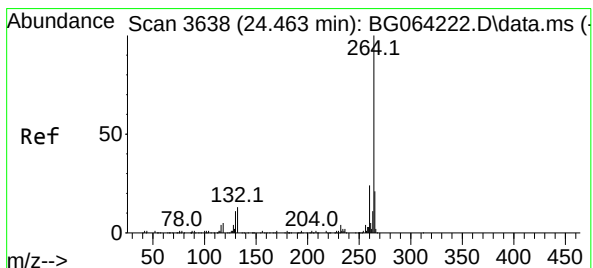
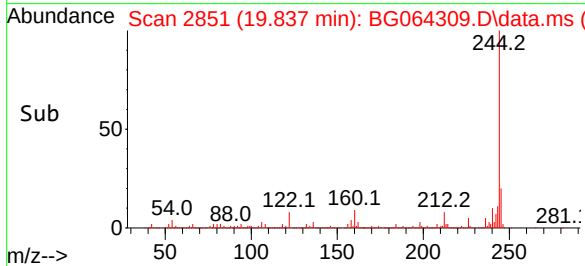
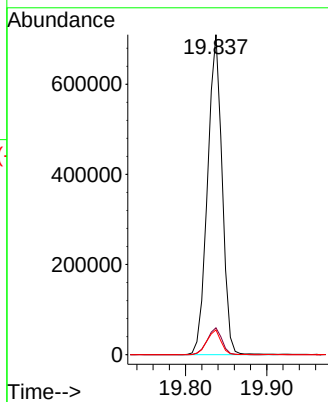
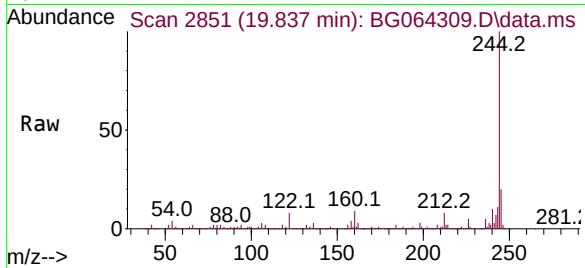




#79
Terphenyl-d14
Concen: 78.227 ng
RT: 19.837 min Scan# 2851
Delta R.T. -0.008 min
Lab File: BG064309.D
Acq: 8 Sep 2025 16:19

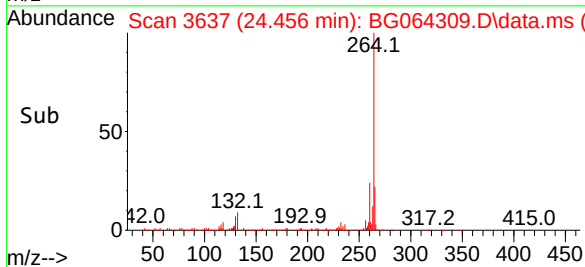
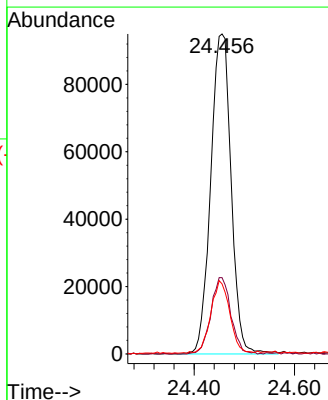
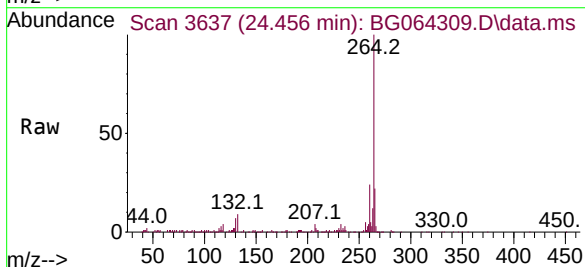
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1

Tgt Ion:244 Resp: 885501
Ion Ratio Lower Upper
244 100
212 8.4 6.6 10.0
122 7.7 7.0 10.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.456 min Scan# 3637
Delta R.T. -0.008 min
Lab File: BG064309.D
Acq: 8 Sep 2025 16:19

Tgt Ion:264 Resp: 267983
Ion Ratio Lower Upper
264 100
260 23.8 18.9 28.3
265 21.9 16.7 25.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
 Data File : BG064309.D
 Acq On : 8 Sep 2025 16:19
 Operator : RC/JU
 Sample : Q3032-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PILE-1

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_G\Methods\8270-BG082825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064309.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.973	315	321	328	rVB	85806	127470	4.98%	1.045%
2	5.437	394	400	408	rBV	569845	885833	34.61%	7.261%
3	7.023	662	670	679	rBV	605508	997535	38.98%	8.176%
4	7.852	804	811	818	rBV	124695	209971	8.20%	1.721%
5	9.003	998	1007	1014	rBV	362935	637859	24.92%	5.228%
6	10.636	1278	1285	1295	rVB2	164855	287968	11.25%	2.360%
7	13.098	1696	1704	1711	rBV	908250	1415357	55.31%	11.601%
8	14.473	1929	1938	1946	rBV	267310	408757	15.97%	3.350%
9	15.830	2164	2169	2175	rBV2	65488	98581	3.85%	0.808%
10	15.960	2184	2191	2200	rBV	951957	1425312	55.70%	11.682%
11	17.217	2398	2405	2410	rBV2	363459	546199	21.34%	4.477%
12	18.116	2551	2558	2568	rBV	208477	319259	12.48%	2.617%
13	19.268	2749	2754	2761	rBV	77718	114903	4.49%	0.942%
14	19.391	2771	2775	2779	rBV2	52262	75993	2.97%	0.623%
15	19.626	2806	2815	2824	rBV	62683	120602	4.71%	0.988%
16	19.837	2843	2851	2861	rBV	2023573	2559117	100.00%	20.975%
17	20.648	2983	2989	2993	rVB7	17775	31267	1.22%	0.256%
18	21.124	3066	3070	3079	rBV2	128714	205027	8.01%	1.680%
19	21.353	3106	3109	3113	rBV3	20648	27086	1.06%	0.222%
20	21.447	3117	3125	3130	rBV	424591	726608	28.39%	5.956%
21	21.647	3155	3159	3167	rVB7	21688	34566	1.35%	0.283%
22	23.504	3467	3475	3483	rBV3	33320	109502	4.28%	0.898%
23	24.174	3585	3589	3598	rVB3	20743	45462	1.78%	0.373%
24	24.309	3608	3612	3618	rVB2	23397	44276	1.73%	0.363%
25	24.456	3627	3637	3658	rVB	245752	746098	29.15%	6.115%

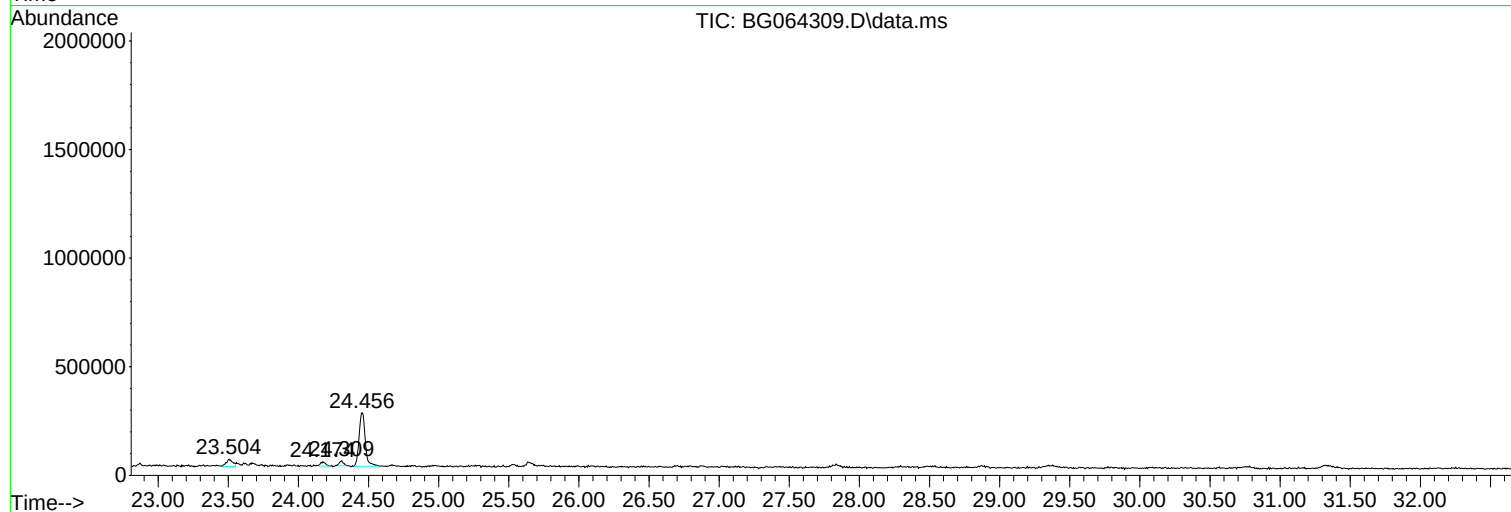
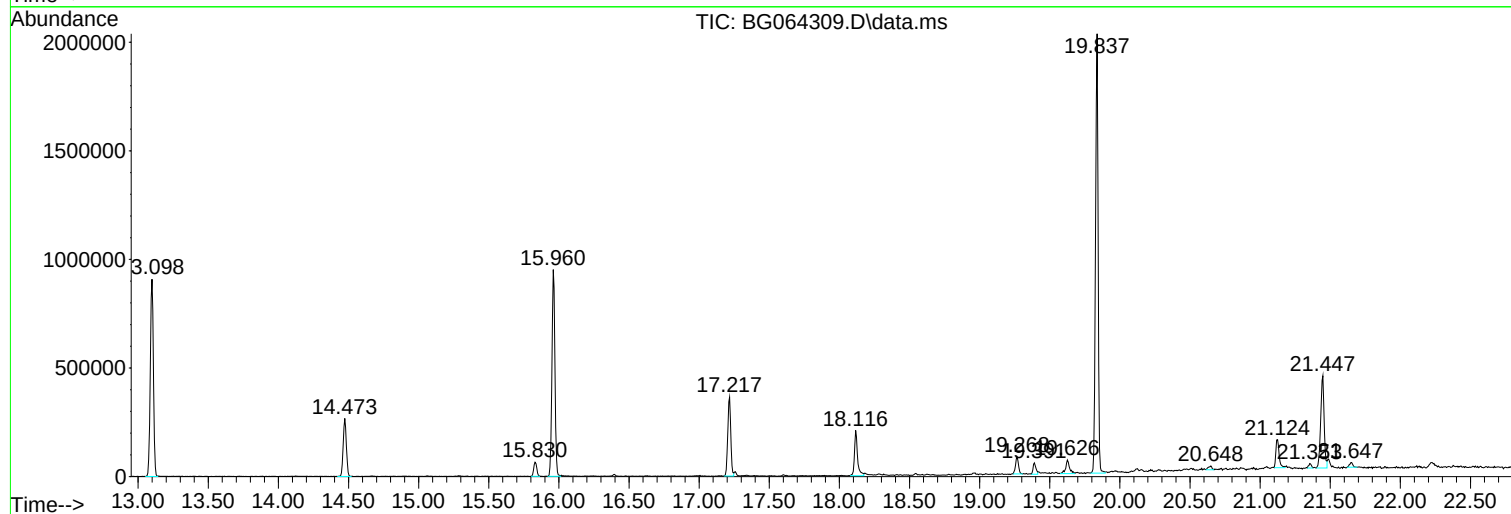
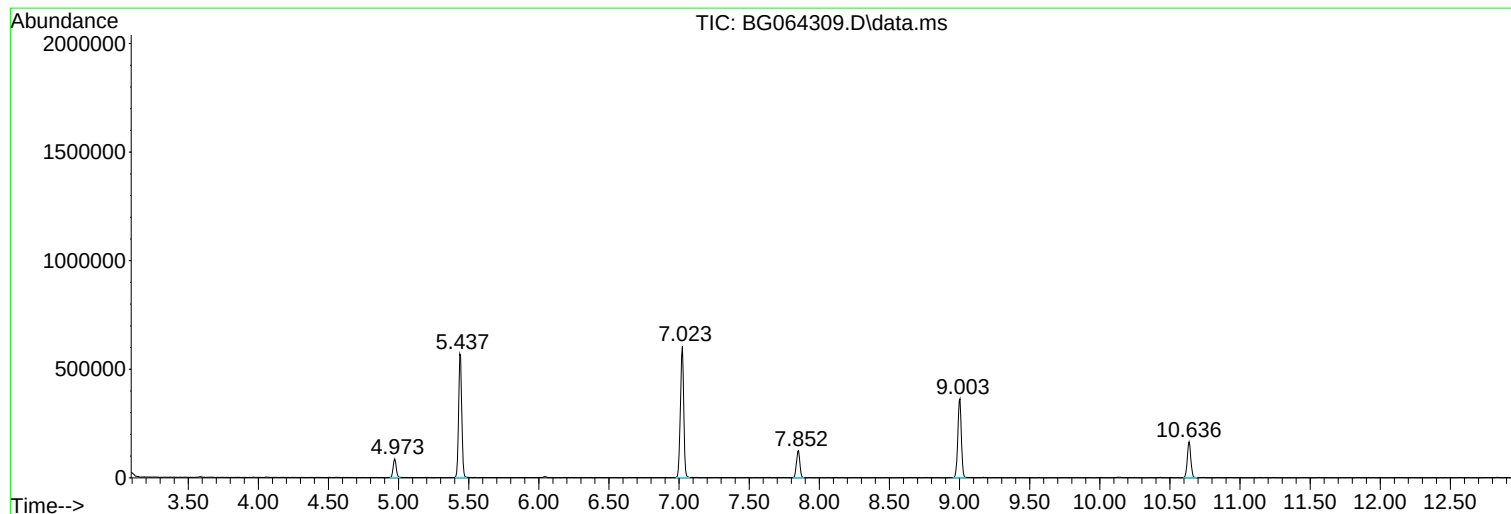
Sum of corrected areas: 12200608

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
Data File : BG064309.D
Acq On : 8 Sep 2025 16:19
Operator : RC/JU
Sample : Q3032-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.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\BG090825\
Data File : BG064309.D
Acq On : 8 Sep 2025 16:19
Operator : RC/JU
Sample : Q3032-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1

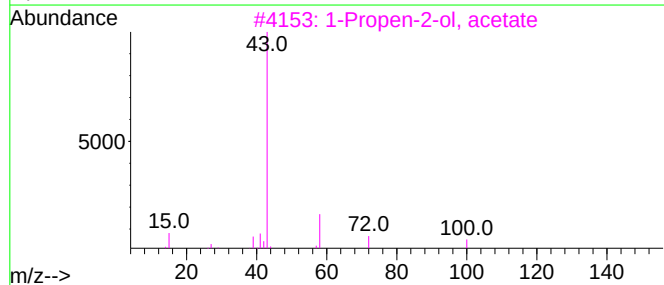
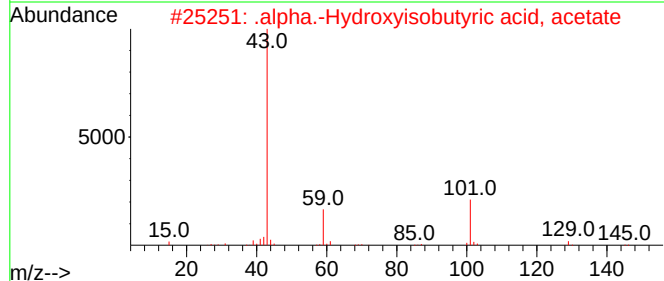
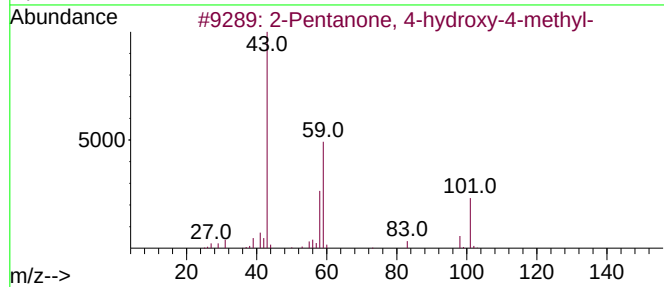
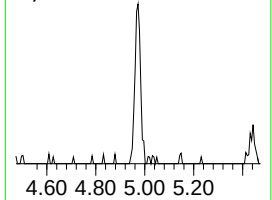
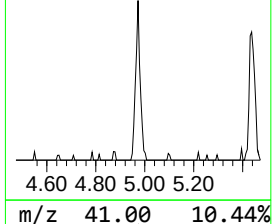
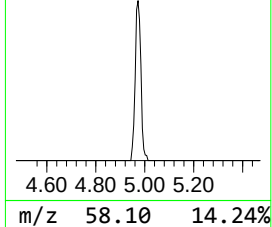
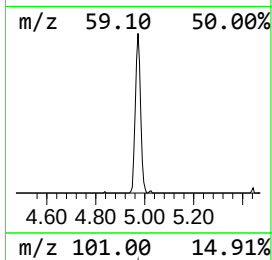
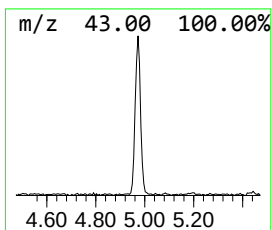
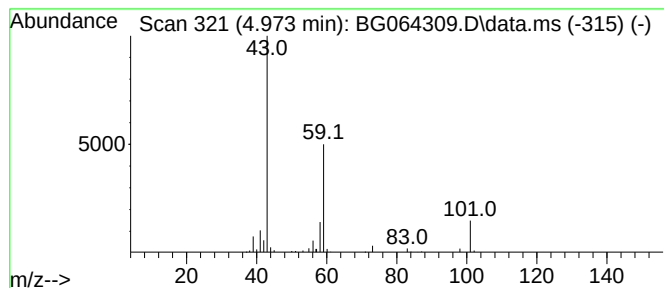
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.973	12.14 ng	127470	1,4-Dichlorobenzene-d4	7.852

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2			.alpha.-Hydroxyisobutyric acid, ...	146	C6H10O4	1000374-31-3	45
3			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
Data File : BG064309.D
Acq On : 8 Sep 2025 16:19
Operator : RC/JU
Sample : Q3032-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1

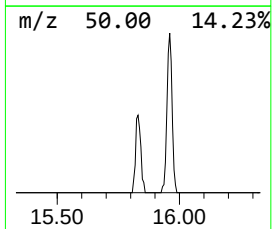
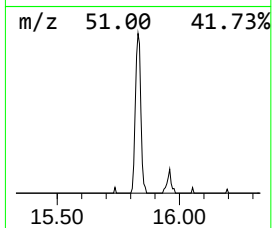
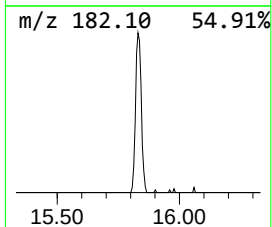
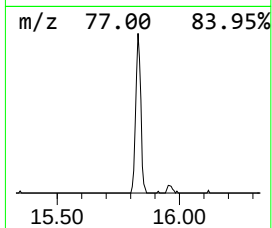
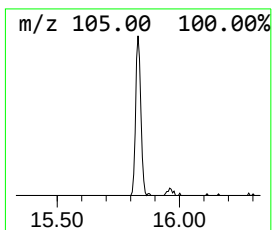
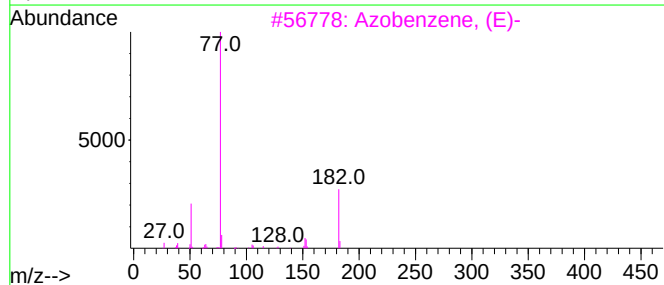
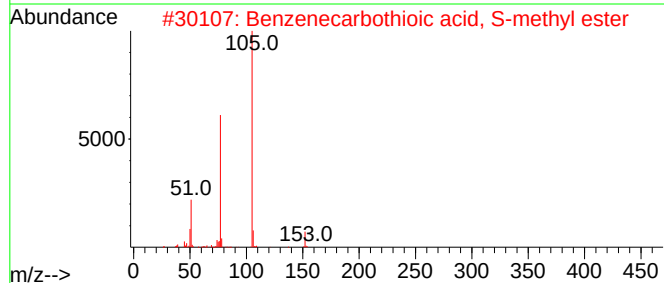
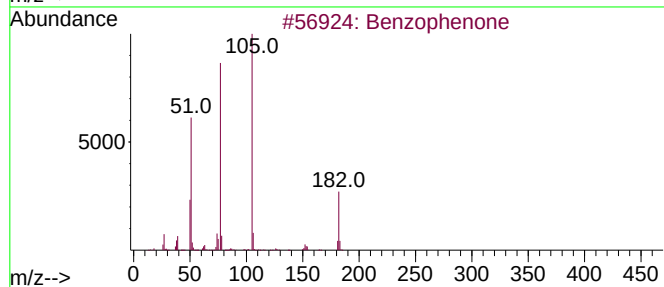
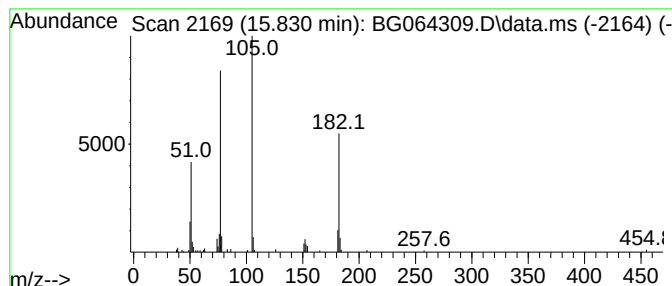
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.830	4.82 ng	98581	Acenaphthene-d10	14.473

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	94
2			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	58
3			Azobenzene, (E)-	182	C12H10N2	017082-12-1	53
4			Benzenecarboxylic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	50
5			acetic acid, 2-bromo-, 2-oxo-2-p...	256	C10H9BrO3	1000401-50-0	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
Data File : BG064309.D
Acq On : 8 Sep 2025 16:19
Operator : RC/JU
Sample : Q3032-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1

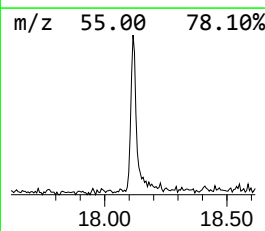
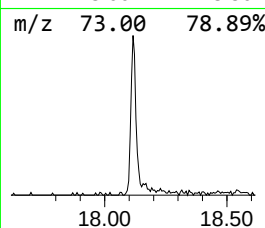
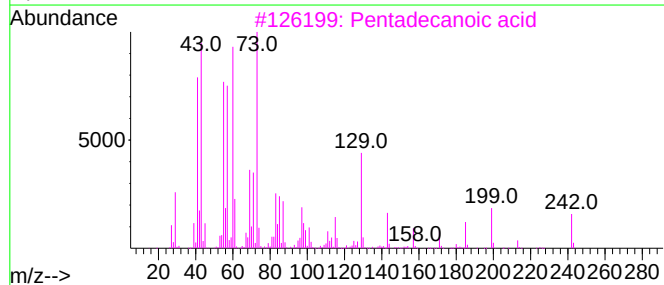
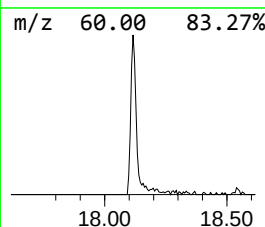
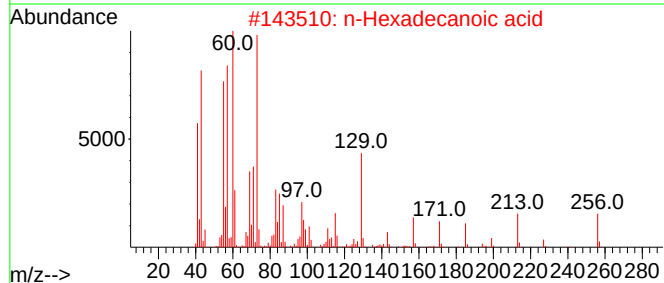
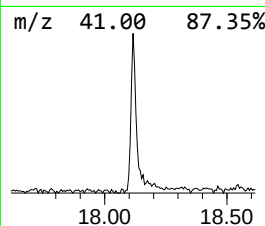
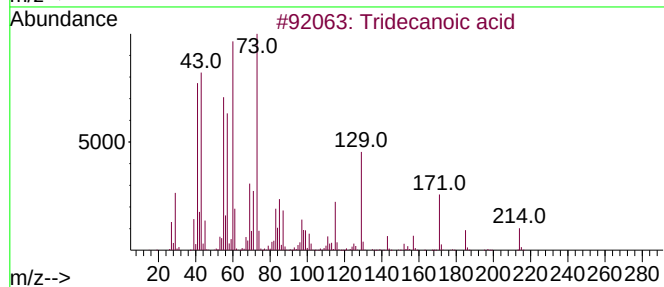
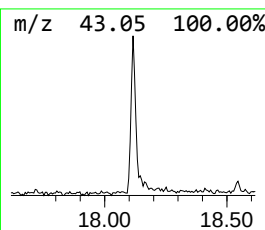
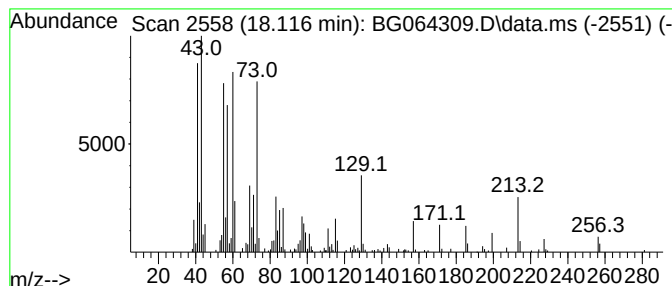
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tridecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.116	11.69 ng	319259	Phenanthrene-d10	17.217

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecanoic acid	214	C13H26O2	000638-53-9	93
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			Undecanoic acid	186	C11H22O2	000112-37-8	81
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
Data File : BG064309.D
Acq On : 8 Sep 2025 16:19
Operator : RC/JU
Sample : Q3032-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1

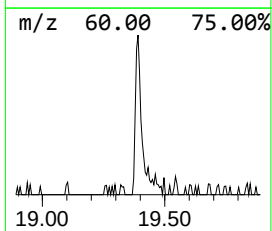
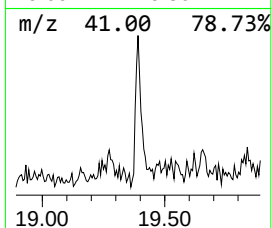
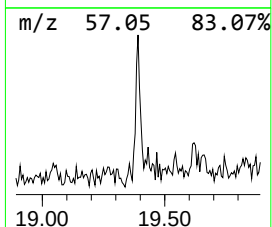
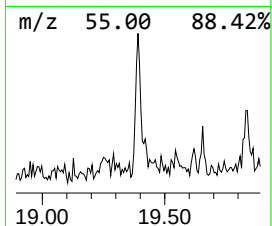
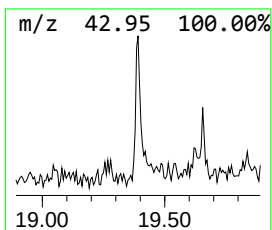
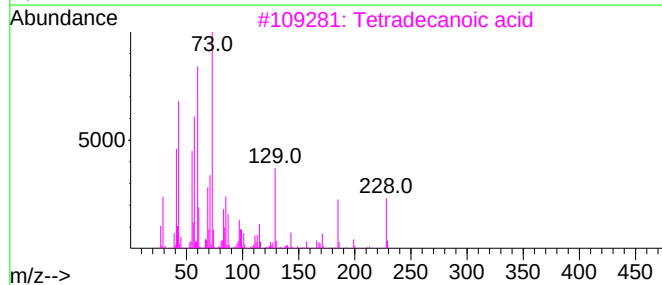
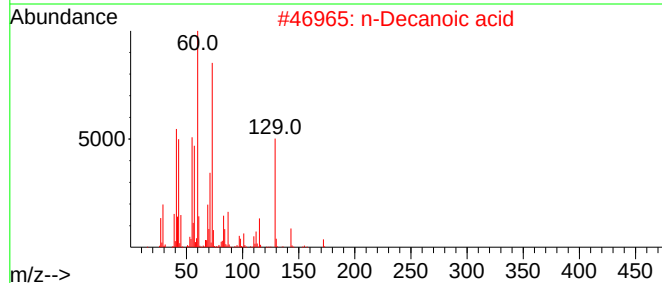
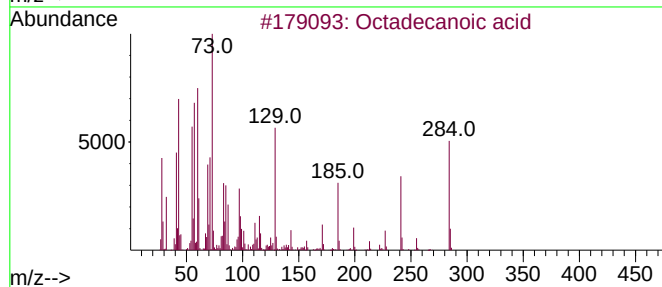
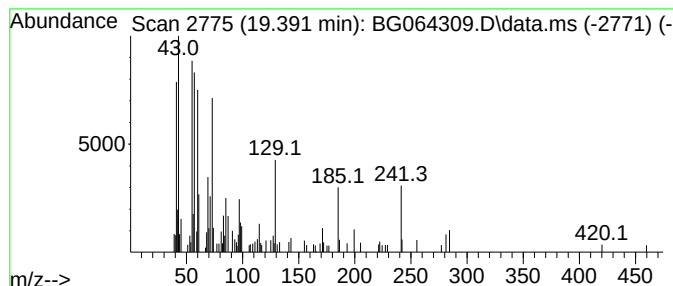
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.391	2.09 ng	75993	Chrysene-d12	21.447

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	58
2			n-Decanoic acid	172	C10H20O2	000334-48-5	55
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	53
4			Maltose	342	C12H22O11	000069-79-4	46
5			Dodecanoic acid	200	C12H24O2	000143-07-7	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
Data File : BG064309.D
Acq On : 8 Sep 2025 16:19
Operator : RC/JU
Sample : Q3032-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1

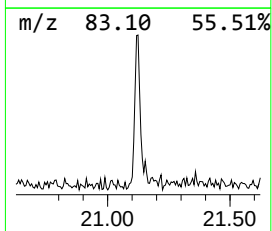
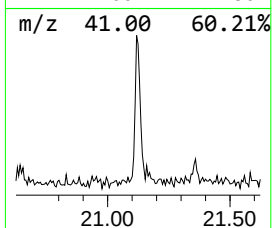
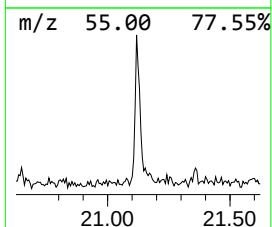
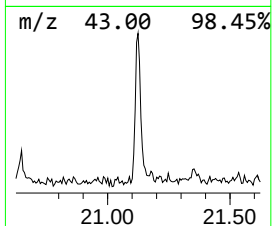
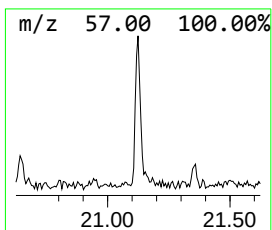
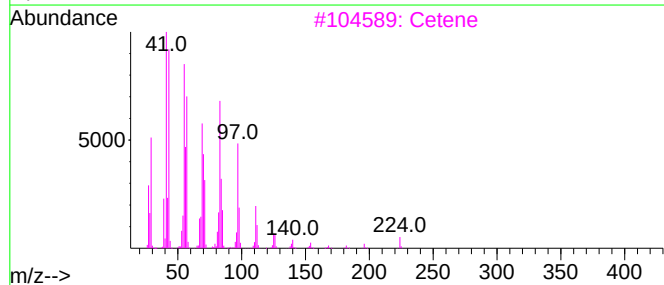
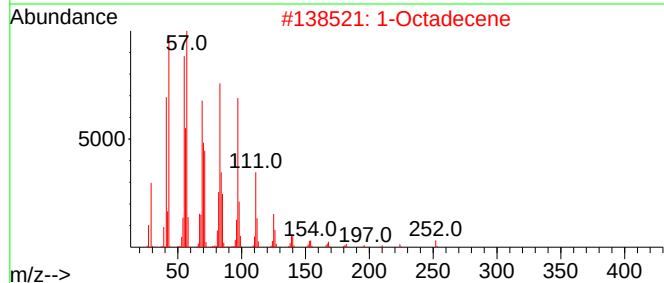
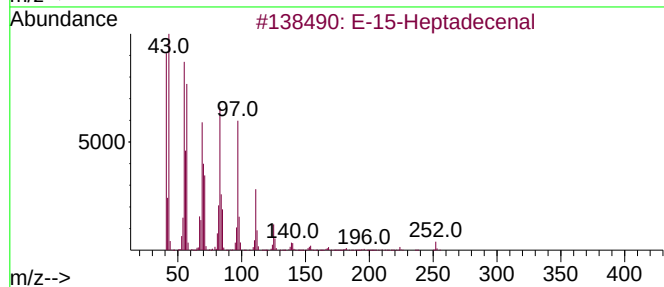
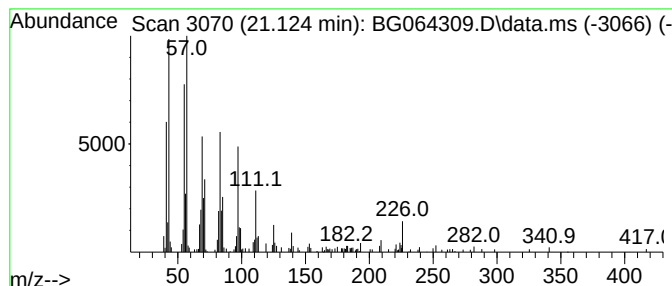
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 E-15-Heptadecenal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.124	5.64 ng	205027	Chrysene-d12	21.447

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			E-15-Heptadecenal	252	C17H32O	1000130-97-9	93
2			1-Octadecene	252	C18H36	000112-88-9	92
3			Cetene	224	C16H32	000629-73-2	90
4			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
5			Behenic alcohol	326	C22H46O	000661-19-8	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
Data File : BG064309.D
Acq On : 8 Sep 2025 16:19
Operator : RC/JU
Sample : Q3032-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1

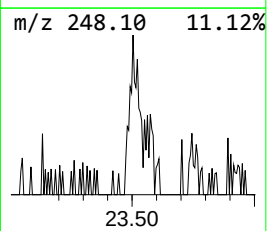
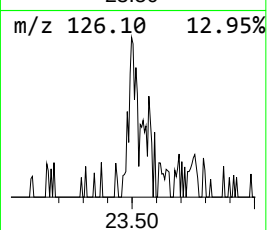
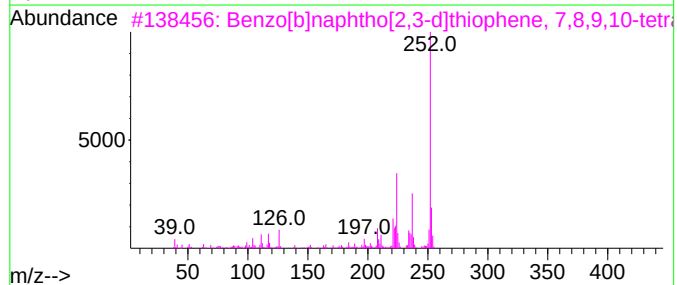
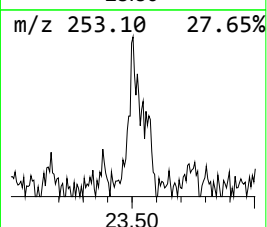
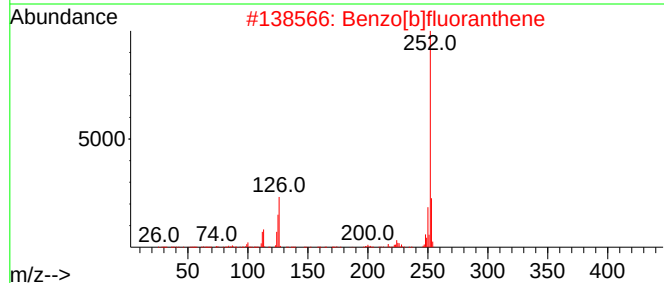
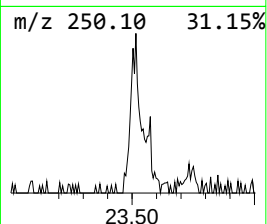
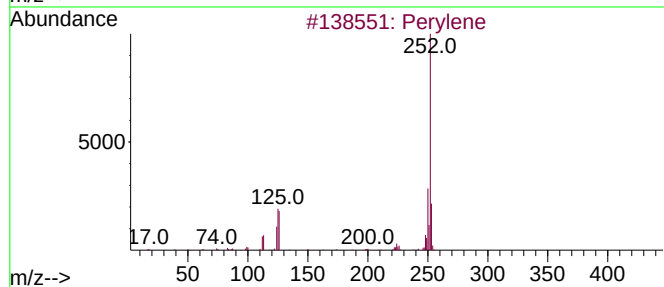
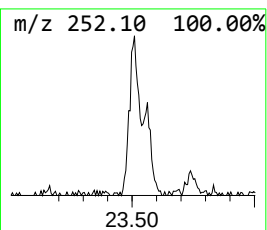
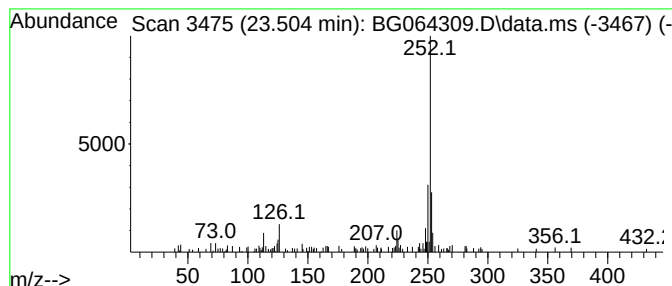
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Perylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.504	2.94 ng	109502	Perylene-d12	24.456

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Perylene	252	C20H12	000198-55-0	64
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	64
3			Benzo[b]naphtho[2,3-d]thiophene,...	252	C17H16S	024964-06-5	58
4			Benzo[j]fluoranthene	252	C20H12	000205-82-3	58
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
Data File : BG064309.D
Acq On : 8 Sep 2025 16:19
Operator : RC/JU
Sample : Q3032-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.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
2-Pentanone, 4-...	4.973	12.1	ng	127470	1	7.852	209971	20.0
Benzophenone	15.830	4.8	ng	98581	3	14.473	408757	20.0
Tridecanoic acid	18.116	11.7	ng	319259	4	17.217	546199	20.0
Octadecanoic acid	19.391	2.1	ng	75993	5	21.447	726608	20.0
E-15-Heptadecenal	21.124	5.6	ng	205027	5	21.447	726608	20.0
Perylene	23.504	2.9	ng	109502	6	24.456	746098	20.0

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	09/05/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/05/25
Client Sample ID:	SOIL-PILE-2	SDG No.:	Q3032
Lab Sample ID:	Q3032-04	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83.2
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064312.D	5	09/08/25 09:30	09/08/25 18:22	PB169593

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	940	U	940	2000	ug/Kg
108-95-2	Phenol	130	U	130	1000	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	150	U	150	1000	ug/Kg
95-57-8	2-Chlorophenol	150	U	150	1000	ug/Kg
95-48-7	2-Methylphenol	180	U	180	1000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	230	UQ	230	1000	ug/Kg
98-86-2	Acetophenone	180	U	180	1000	ug/Kg
65794-96-9	3+4-Methylphenols	250	U	250	2000	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	280	U	280	480	ug/Kg
67-72-1	Hexachloroethane	110	U	110	1000	ug/Kg
98-95-3	Nitrobenzene	110	U	110	1000	ug/Kg
78-59-1	Isophorone	200	U	200	1000	ug/Kg
88-75-5	2-Nitrophenol	350	U	350	1000	ug/Kg
105-67-9	2,4-Dimethylphenol	390	U	390	1000	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	180	U	180	1000	ug/Kg
120-83-2	2,4-Dichlorophenol	170	U	170	1000	ug/Kg
91-20-3	Naphthalene	140	U	140	1000	ug/Kg
106-47-8	4-Chloroaniline	210	UQ	210	1000	ug/Kg
87-68-3	Hexachlorobutadiene	150	U	150	1000	ug/Kg
105-60-2	Caprolactam	310	U	310	2000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	170	U	170	1000	ug/Kg
91-57-6	2-Methylnaphthalene	150	U	150	1000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	700	U	700	2000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	120	U	120	1000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	170	U	170	1000	ug/Kg
92-52-4	1,1-Biphenyl	130	U	130	1000	ug/Kg
91-58-7	2-Chloronaphthalene	140	U	140	1000	ug/Kg
88-74-4	2-Nitroaniline	290	U	290	1000	ug/Kg
131-11-3	Dimethylphthalate	160	U	160	1000	ug/Kg

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	09/05/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/05/25
Client Sample ID:	SOIL-PILE-2	SDG No.:	Q3032
Lab Sample ID:	Q3032-04	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83.2
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064312.D	5	09/08/25 09:30	09/08/25 18:22	PB169593

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	170	U	170	1000	ug/Kg
606-20-2	2,6-Dinitrotoluene	200	U	200	1000	ug/Kg
99-09-2	3-Nitroaniline	280	U	280	1000	ug/Kg
83-32-9	Acenaphthene	130	U	130	1000	ug/Kg
51-28-5	2,4-Dinitrophenol	1400	U	1400	2000	ug/Kg
100-02-7	4-Nitrophenol	640	U	640	2000	ug/Kg
132-64-9	Dibenzofuran	140	U	140	1000	ug/Kg
121-14-2	2,4-Dinitrotoluene	300	U	300	1000	ug/Kg
84-66-2	Diethylphthalate	170	U	170	1000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	160	U	160	1000	ug/Kg
86-73-7	Fluorene	150	U	150	1000	ug/Kg
100-01-6	4-Nitroaniline	390	U	390	1000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	620	U	620	2000	ug/Kg
86-30-6	n-Nitrosodiphenylamine	200	U	200	1000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	170	U	170	1000	ug/Kg
118-74-1	Hexachlorobenzene	150	U	150	1000	ug/Kg
1912-24-9	Atrazine	200	U	200	1000	ug/Kg
87-86-5	Pentachlorophenol	310	U	310	2000	ug/Kg
85-01-8	Phenanthrene	1600		130	1000	ug/Kg
120-12-7	Anthracene	200	U	200	1000	ug/Kg
86-74-8	Carbazole	190	U	190	1000	ug/Kg
84-74-2	Di-n-butylphthalate	290	U	290	1000	ug/Kg
206-44-0	Fluoranthene	3000		180	1000	ug/Kg
129-00-0	Pyrene	2300		220	1000	ug/Kg
85-68-7	Butylbenzylphthalate	430	U	430	1000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	220	UQ	220	2000	ug/Kg
56-55-3	Benzo(a)anthracene	1400		140	1000	ug/Kg
218-01-9	Chrysene	1300		120	1000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	360	U	360	1000	ug/Kg
117-84-0	Di-n-octyl phthalate	520	U	520	2000	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		110	1000	ug/Kg

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	09/05/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/05/25
Client Sample ID:	SOIL-PILE-2	SDG No.:	Q3032
Lab Sample ID:	Q3032-04	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83.2
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064312.D	5	09/08/25 09:30	09/08/25 18:22	PB169593

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	600	J	130	1000	ug/Kg
50-32-8	Benzo(a)pyrene	1300		180	1000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	690	J	170	1000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	160	U	160	1000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	840	J	150	1000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	150	U	150	1000	ug/Kg
123-91-1	1,4-Dioxane	270	U	270	1000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	160	U	160	1000	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	108		30 (18) - 130 (112)	72%	SPK: 150
13127-88-3	Phenol-d6	104		30 (15) - 130 (107)	70%	SPK: 150
4165-60-0	Nitrobenzene-d5	71.3		30 (18) - 130 (107)	71%	SPK: 100
321-60-8	2-Fluorobiphenyl	58.4		30 (20) - 130 (109)	58%	SPK: 100
118-79-6	2,4,6-Tribromophenol	131		30 (10) - 130 (116)	87%	SPK: 150
1718-51-0	Terphenyl-d14	55.5		30 (10) - 130 (105)	56%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	23600	7.848
1146-65-2	Naphthalene-d8	100000	10.633
15067-26-2	Acenaphthene-d10	71100	14.475
1517-22-2	Phenanthrene-d10	170000	17.213
1719-03-5	Chrysene-d12	196000	21.444
1520-96-3	Perylene-d12	214000	24.458

TENTATIVE IDENTIFIED COMPOUNDS

000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	440	AB	4.97	ug/Kg
000610-48-0	Anthracene, 1-methyl-	480	J	18.1	ug/Kg
083469-43-6	6H-Cyclobuta[jk]phenanthrene	570	J	18.3	ug/Kg
078053-58-4	Anthracene, 1,8-diethynyl-	400	J	21.1	ug/Kg
000205-82-3	Benzo[j]fluoranthene	850	J	24.2	ug/Kg

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	09/05/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/05/25
Client Sample ID:	SOIL-PILE-2	SDG No.:	Q3032
Lab Sample ID:	Q3032-04	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83.2
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064312.D	5	09/08/25 09:30	09/08/25 18:22	PB169593

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

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\BG090825\
 Data File : BG064312.D
 Acq On : 8 Sep 2025 18:22
 Operator : RC/JU
 Sample : Q3032-04 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PILE-2

Manual Integrations
 APPROVED

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

Quant Time: Sep 09 01:31:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.848	152	23608	20.000	ng	-0.01
21) Naphthalene-d8	10.633	136	100404	20.000	ng	#-0.02
39) Acenaphthene-d10	14.475	164	71106	20.000	ng	0.00
64) Phenanthrene-d10	17.213	188	169678	20.000	ng	-0.01
76) Chrysene-d12	21.444	240	196040	20.000	ng	-0.01
86) Perylene-d12	24.458	264	213880	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	28512	21.668	ng	0.00
7) Phenol-d6	7.014	99	37695	20.851	ng	-0.02
23) Nitrobenzene-d5	8.999	82	25654	14.250	ng	-0.02
42) 2,4,6-Tribromophenol	15.962	330	24701	26.227	ng	-0.01
45) 2-Fluorobiphenyl	13.095	172	54366	11.670	ng	-0.02
79) Terphenyl-d14	19.834	244	104396	11.110	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	17.254	178	72245	8.073	ng	95
75) Fluoranthene	19.270	202	158061	15.021	ng	98
78) Pyrene	19.628	202	143135	11.589	ng	99
81) Benzo(a)anthracene	21.426	228	86735	6.916	ng	98
83) Chrysene	21.491	228	77728	6.456	ng	97
87) Indeno(1,2,3-cd)pyrene	27.824	276	50442	3.453	ng	# 92
88) Benzo(b)fluoranthene	23.506	252	102309	8.476	ng	97
89) Benzo(k)fluoranthene	23.565	252	36689m	2.983	ng	
90) Benzo(a)pyrene	24.311	252	72935m	6.495	ng	
92) Benzo(g,h,i)perylene	28.888	276	48042	4.210	ng	# 90

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

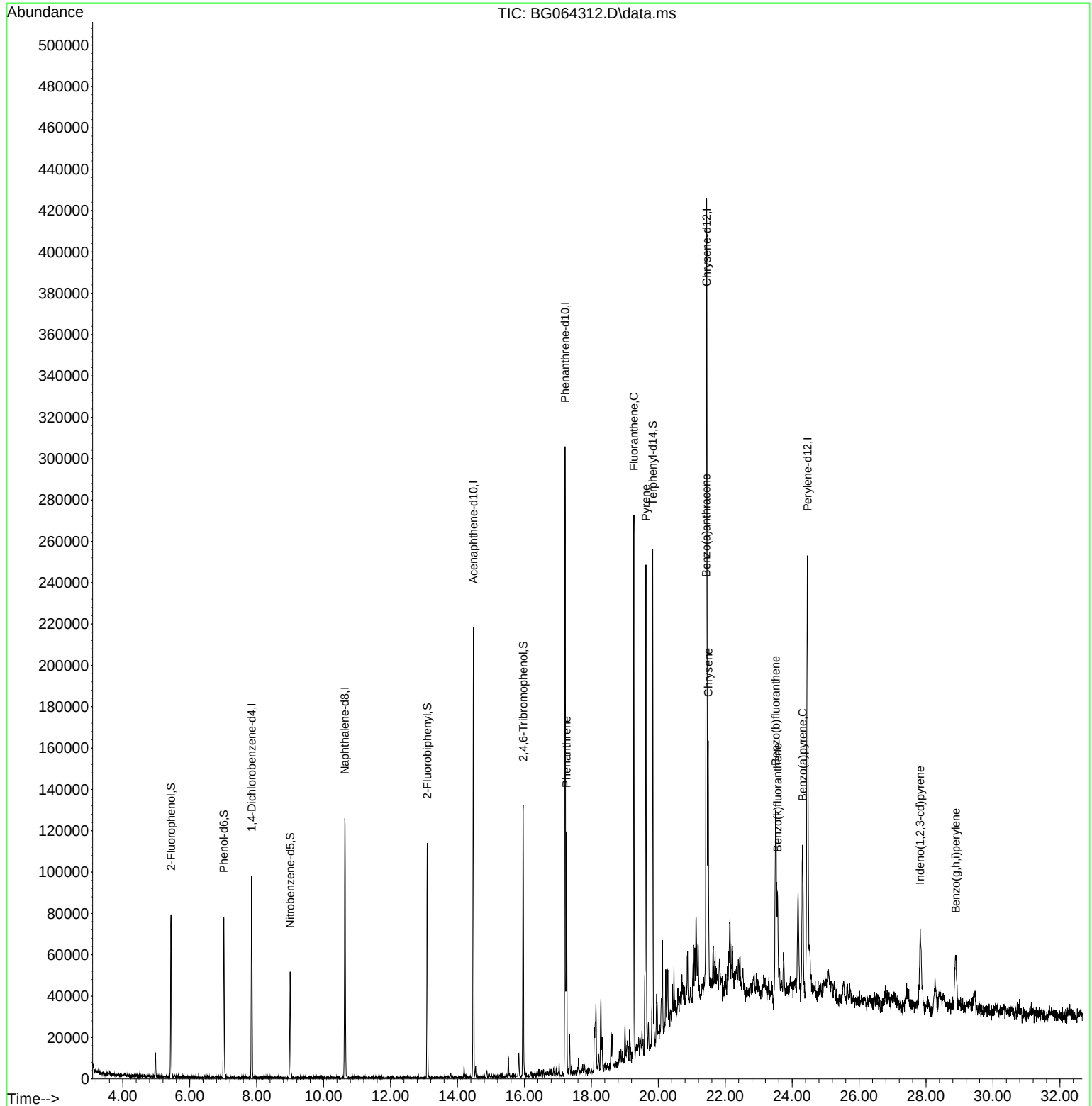
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
Data File : BG064312.D
Acq On : 8 Sep 2025 18:22
Operator : RC/JU
Sample : Q3032-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

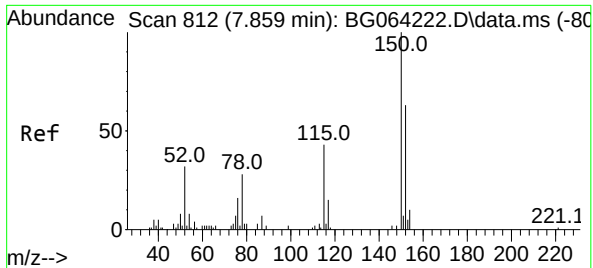
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-2

Quant Time: Sep 09 01:31:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
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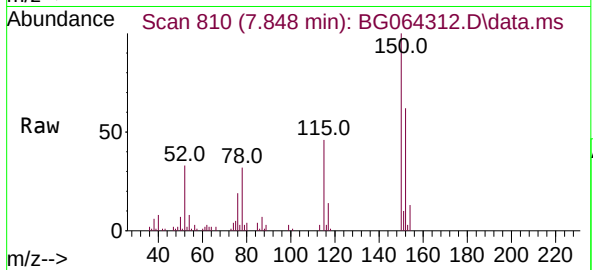
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.848 min Scan# 812
Delta R.T. -0.011 min
Lab File: BG064312.D
Acq: 8 Sep 2025 18:22

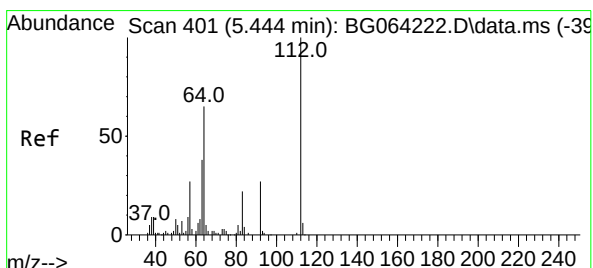
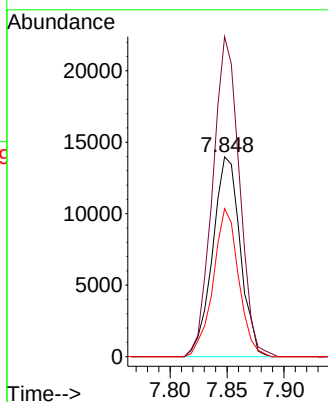
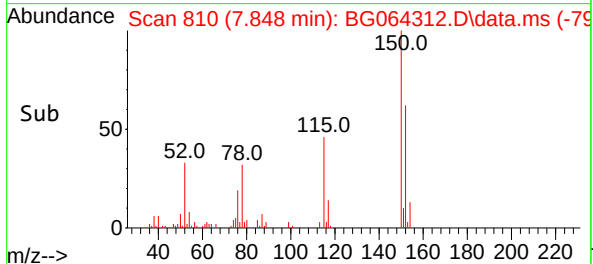
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-2



Tgt Ion:152 Resp: 23608
Ion Ratio Lower Upper
152 100
150 160.1 128.0 192.0
115 74.0 55.7 83.5

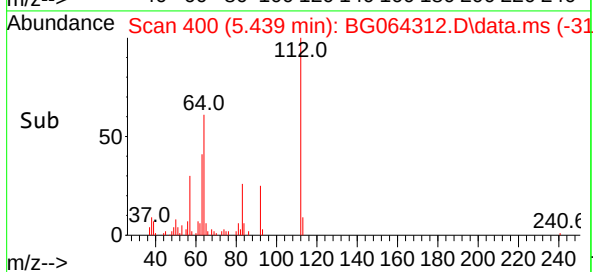
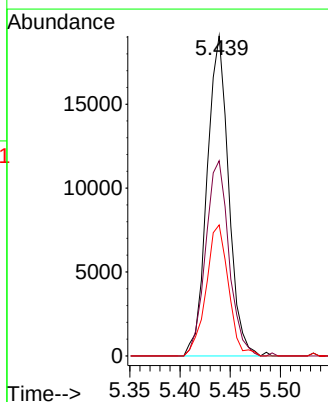
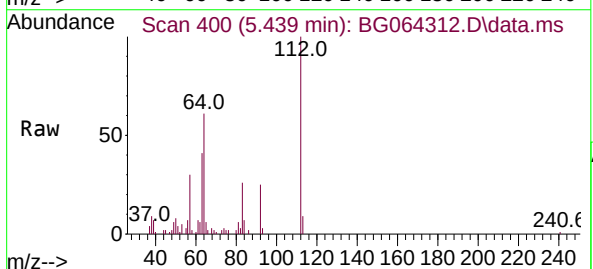
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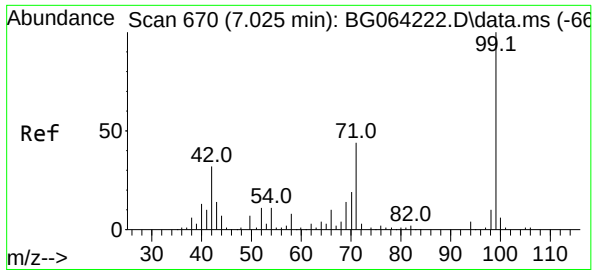
Reviewed By :Rahul Chavli 09/09/2025
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#5
2-Fluorophenol
Concen: 21.668 ng
RT: 5.439 min Scan# 400
Delta R.T. -0.005 min
Lab File: BG064312.D
Acq: 8 Sep 2025 18:22

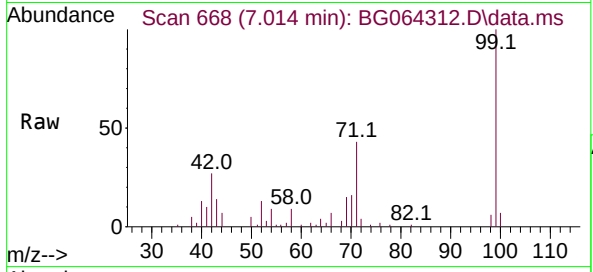
Tgt Ion:112 Resp: 28512
Ion Ratio Lower Upper
112 100
64 61.0 51.8 77.6
63 40.9 30.6 45.8





#7
Phenol-d6
Concen: 20.851 ng
RT: 7.014 min Scan# 60
Delta R.T. -0.017 min
Lab File: BG064312.D
Acq: 8 Sep 2025 18:22

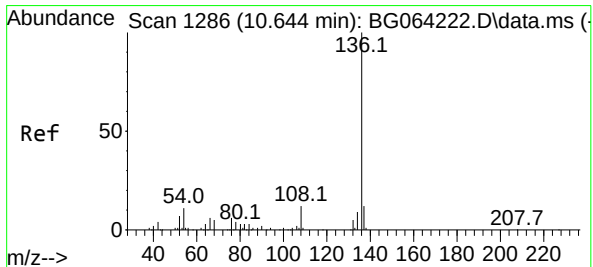
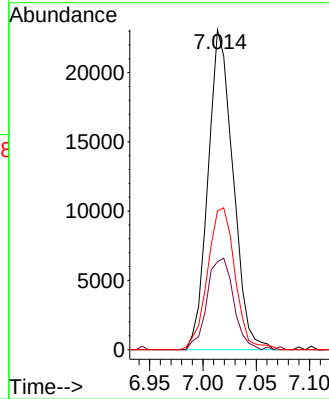
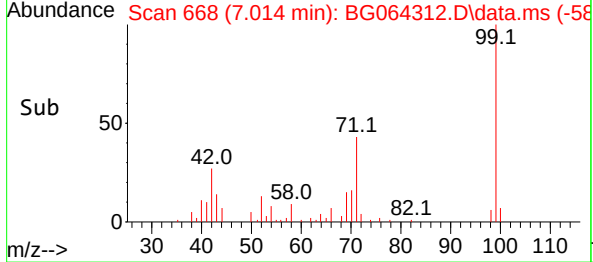
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-2



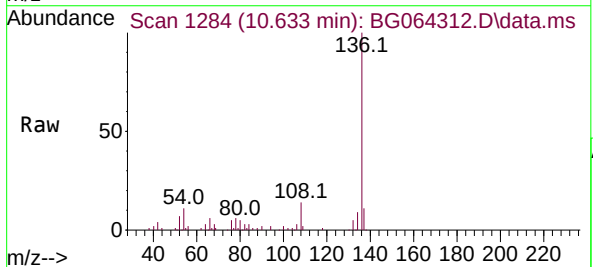
Tgt Ion: 99 Resp: 37695
Ion Ratio Lower Upper
99 100
42 27.4 25.8 38.8
71 43.3 35.2 52.8

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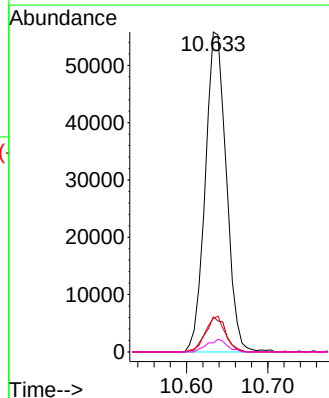
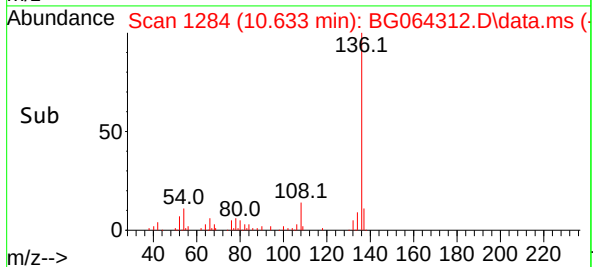
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025

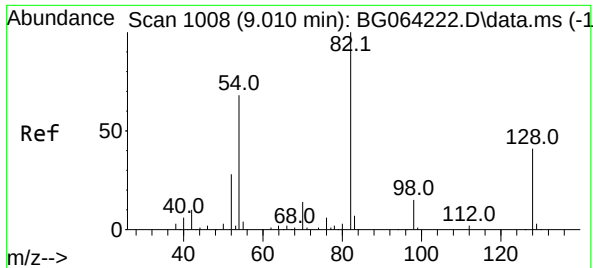


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.633 min Scan# 1284
Delta R.T. -0.017 min
Lab File: BG064312.D
Acq: 8 Sep 2025 18:22



Tgt Ion:136 Resp: 100404
Ion Ratio Lower Upper
136 100
137 10.9 9.6 14.4
54 10.5 8.8 13.2
68 3.4 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 14.250 ng

RT: 8.999 min Scan# 1006

Delta R.T. -0.017 min

Lab File: BG064312.D

Acq: 8 Sep 2025 18:22

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-2

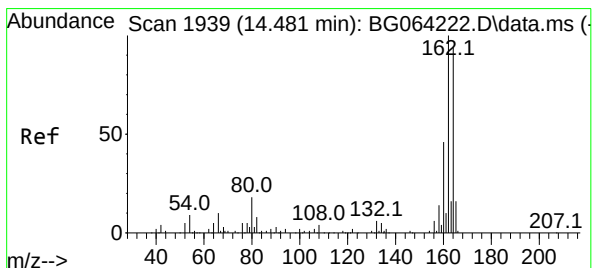
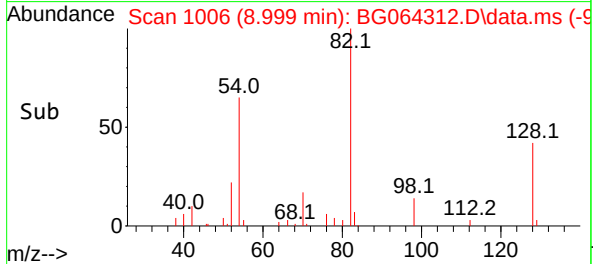
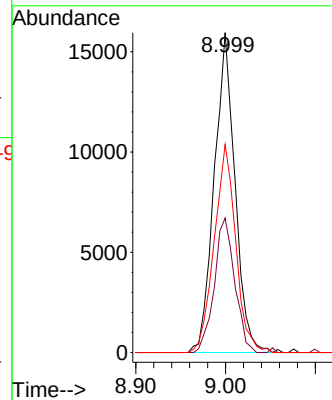
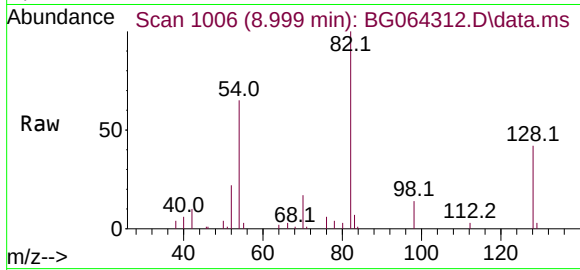
Tgt Ion:	82	Resp:	25654
Ion	Ratio	Lower	Upper
82	100		
128	42.0	32.6	48.8
54	65.0	54.7	82.1

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#39

Acenaphthene-d10

Concen: 20.000 ng

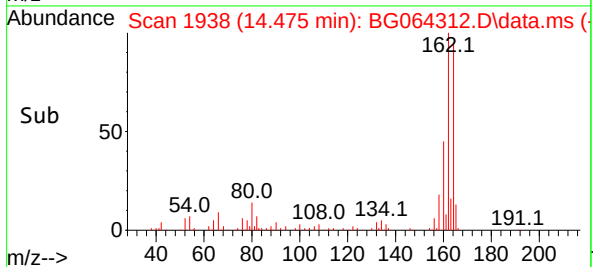
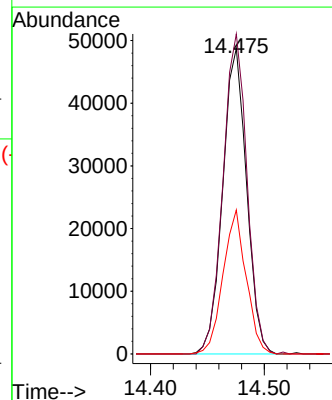
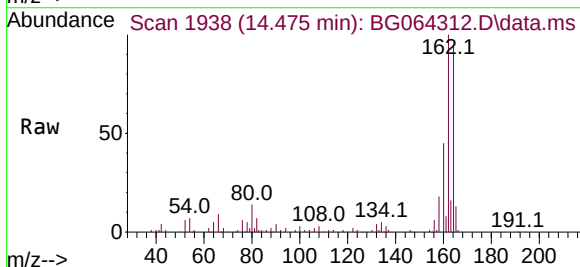
RT: 14.475 min Scan# 1938

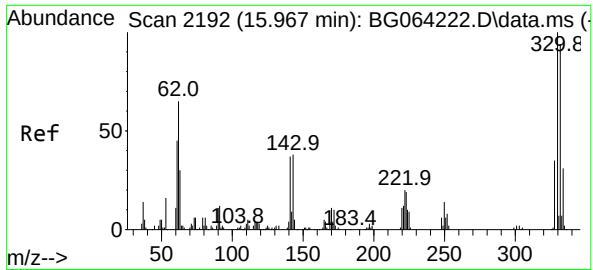
Delta R.T. -0.006 min

Lab File: BG064312.D

Acq: 8 Sep 2025 18:22

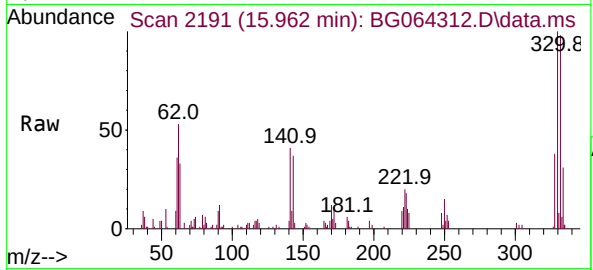
Tgt Ion:	164	Resp:	71106
Ion	Ratio	Lower	Upper
164	100		
162	104.7	85.4	128.0
160	47.1	39.2	58.8





#42
2,4,6-Tribromophenol
Concen: 26.227 ng
RT: 15.962 min Scan# 2192
Delta R.T. -0.011 min
Lab File: BG064312.D
Acq: 8 Sep 2025 18:22

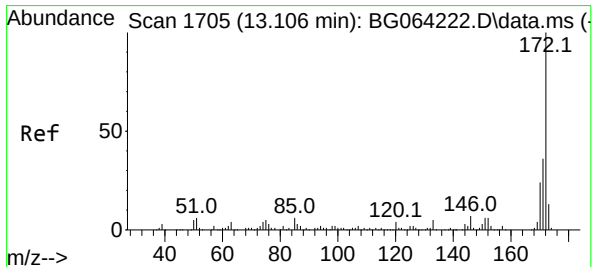
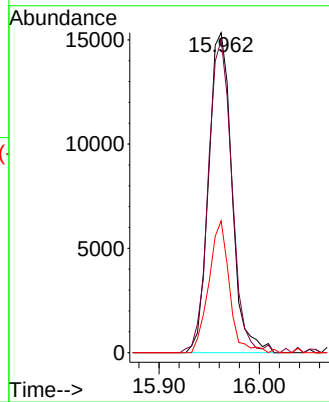
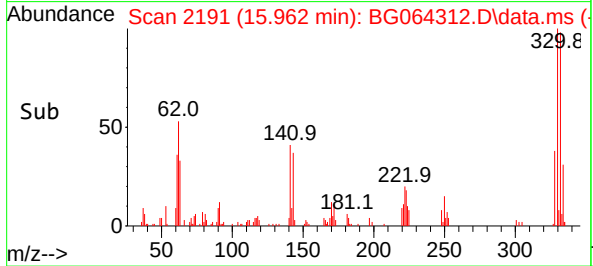
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-2



Tgt Ion:330 Resp: 2470
Ion Ratio Lower Upper
330 100
332 98.7 77.6 116.4
141 36.5 29.8 44.6

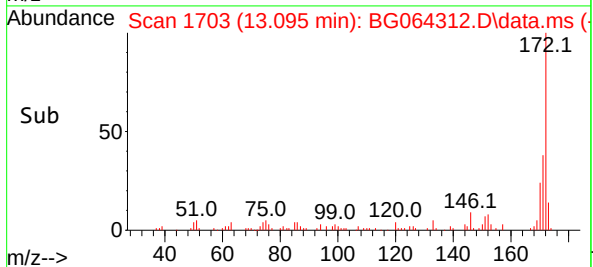
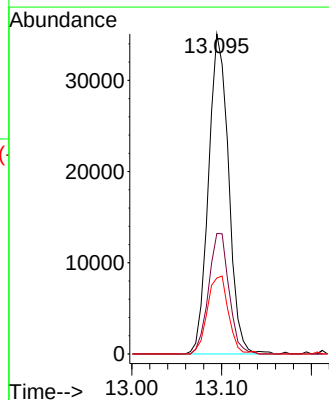
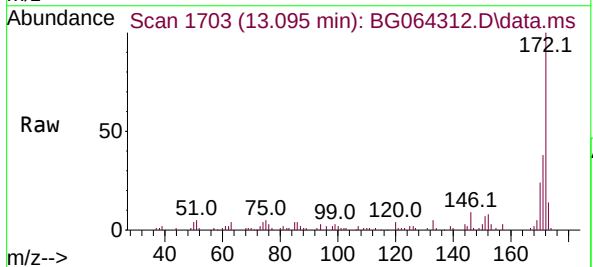
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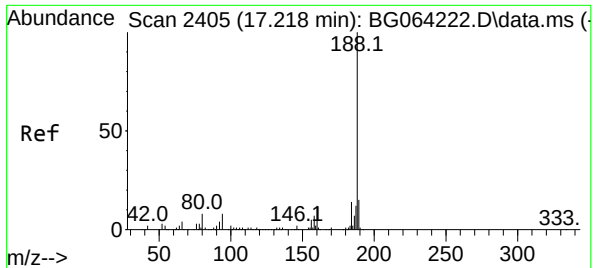
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#45
2-Fluorobiphenyl
Concen: 11.670 ng
RT: 13.095 min Scan# 1703
Delta R.T. -0.017 min
Lab File: BG064312.D
Acq: 8 Sep 2025 18:22

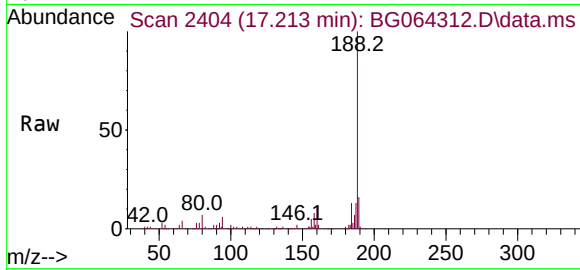
Tgt Ion:172 Resp: 54366
Ion Ratio Lower Upper
172 100
171 37.6 28.7 43.1
170 23.7 19.0 28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2405
Delta R.T. -0.011 min
Lab File: BG064312.D
Acq: 8 Sep 2025 18:22

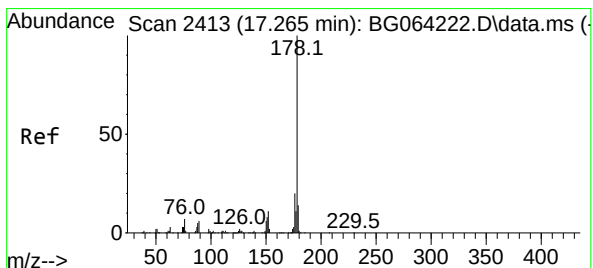
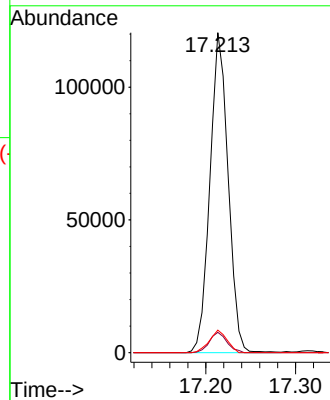
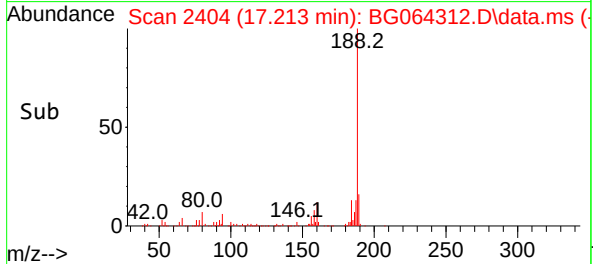
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-2



Tgt Ion:188 Resp: 169678
Ion Ratio Lower Upper
188 100
94 6.3 6.2 9.4
80 7.0 6.8 10.2

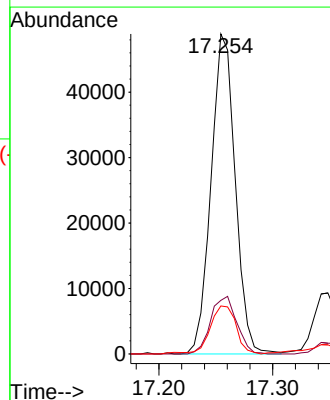
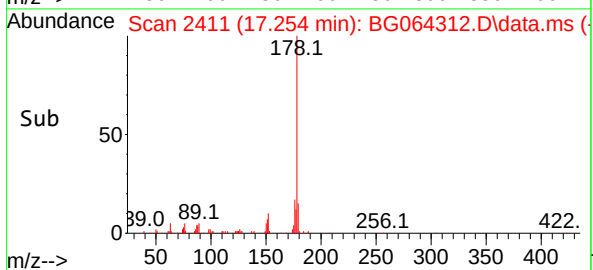
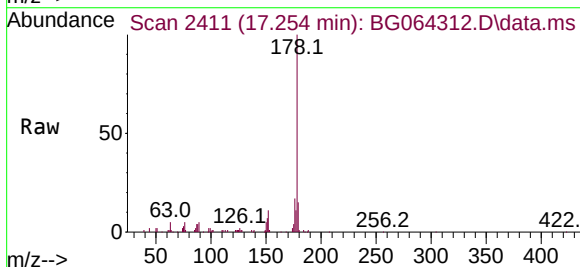
Manual Integrations
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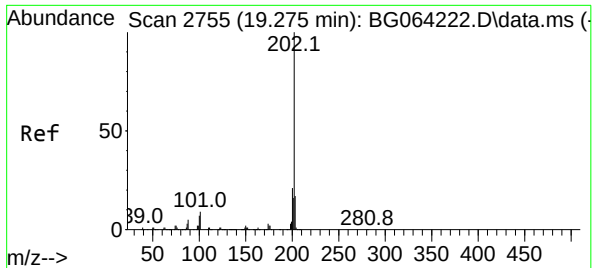
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#71
Phenanthrene
Concen: 8.073 ng
RT: 17.254 min Scan# 2411
Delta R.T. -0.011 min
Lab File: BG064312.D
Acq: 8 Sep 2025 18:22

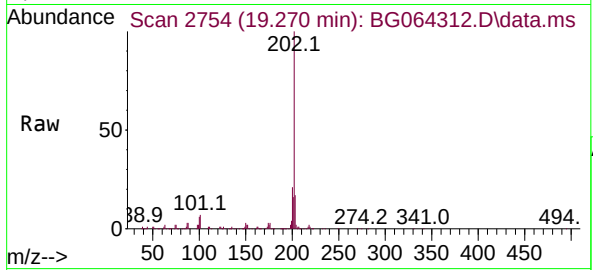
Tgt Ion:178 Resp: 72245
Ion Ratio Lower Upper
178 100
176 16.7 15.9 23.9
179 15.0 11.4 17.2





#75
Fluoranthene
Concen: 15.021 ng
RT: 19.270 min Scan# 2755
Delta R.T. -0.005 min
Lab File: BG064312.D
Acq: 8 Sep 2025 18:22

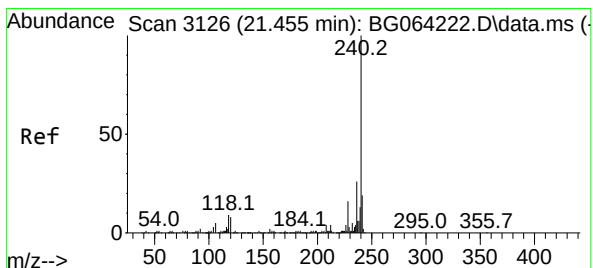
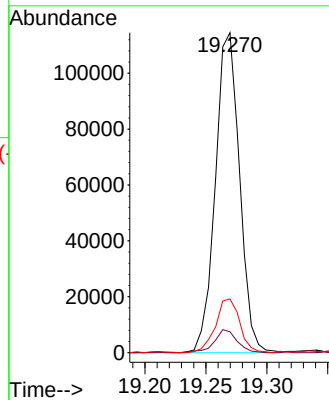
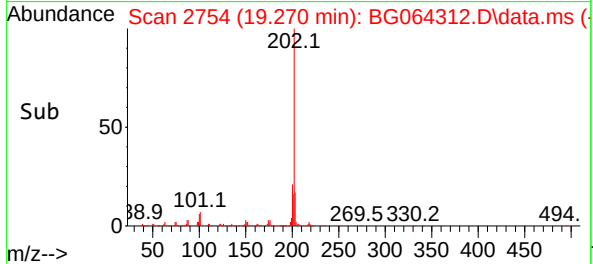
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-2



Tgt Ion:202 Resp: 158063
Ion Ratio Lower Upper
202 100
101 6.5 0.0 28.7
203 16.8 0.0 36.9

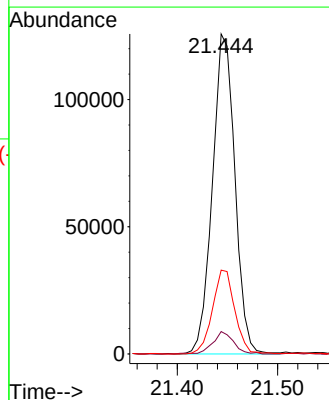
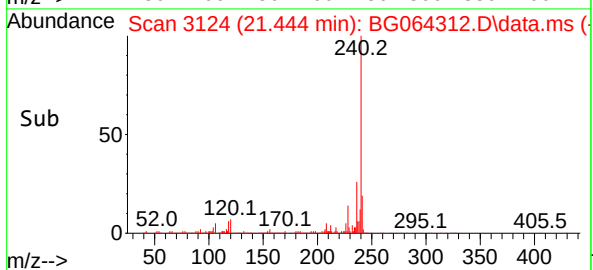
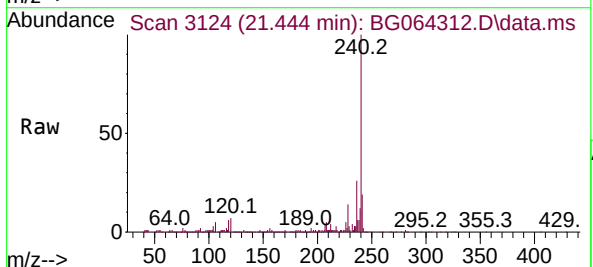
Manual Integrations
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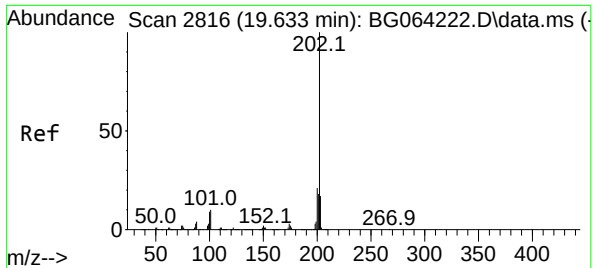
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.444 min Scan# 3124
Delta R.T. -0.011 min
Lab File: BG064312.D
Acq: 8 Sep 2025 18:22

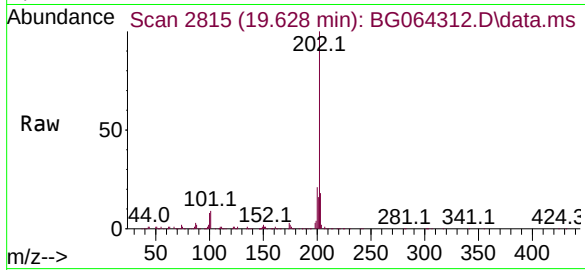
Tgt Ion:240 Resp: 196040
Ion Ratio Lower Upper
240 100
120 7.0 6.2 9.4
236 26.2 20.5 30.7





#78
Pyrene
Concen: 11.589 ng
RT: 19.628 min Scan# 2815
Delta R.T. -0.011 min
Lab File: BG064312.D
Acq: 8 Sep 2025 18:22

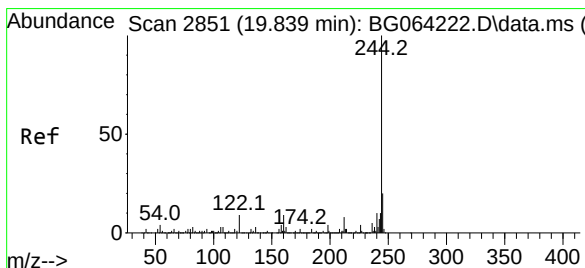
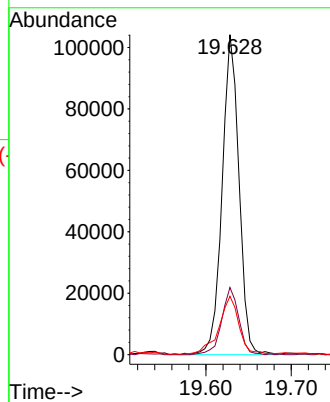
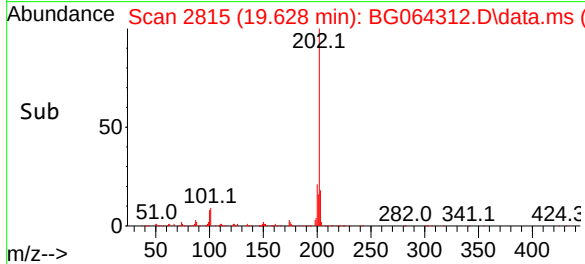
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-2



Tgt Ion:202 Resp: 143135
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 18.2 13.8 20.8

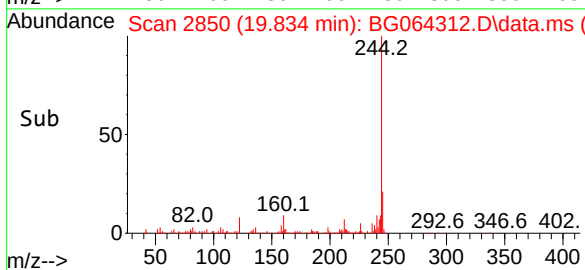
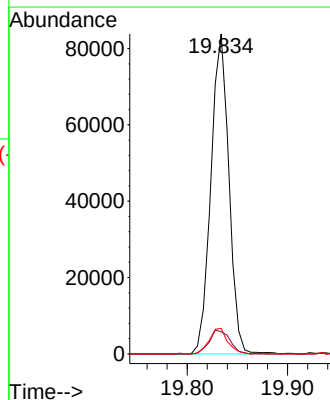
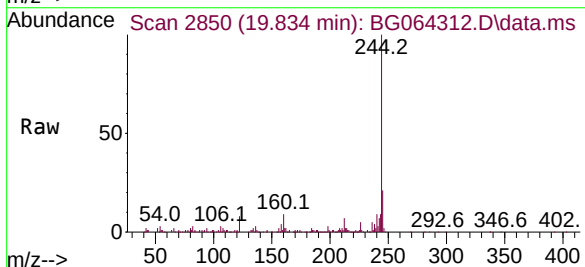
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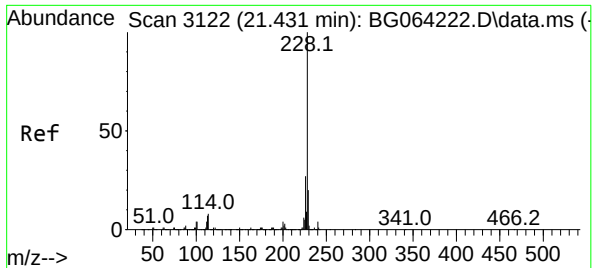
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#79
Terphenyl-d14
Concen: 11.110 ng
RT: 19.834 min Scan# 2850
Delta R.T. -0.011 min
Lab File: BG064312.D
Acq: 8 Sep 2025 18:22

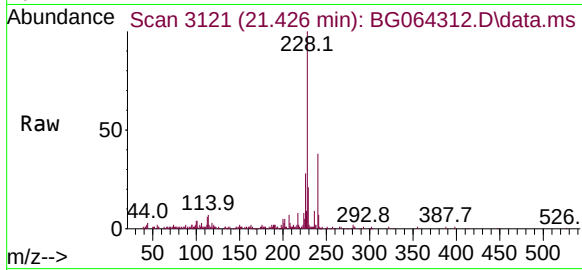
Tgt Ion:244 Resp: 104396
Ion Ratio Lower Upper
244 100
212 6.9 6.6 10.0
122 8.0 7.0 10.6





#81
Benzo(a)anthracene
Concen: 6.916 ng
RT: 21.426 min Scan# 3121
Delta R.T. -0.011 min
Lab File: BG064312.D
Acq: 8 Sep 2025 18:22

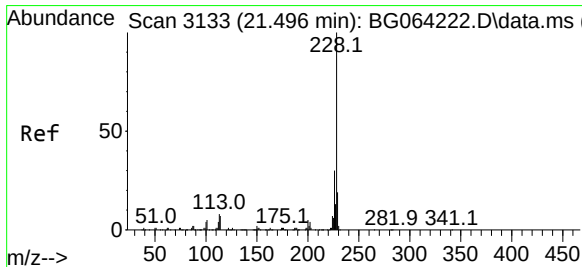
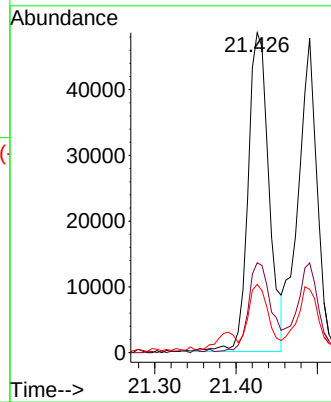
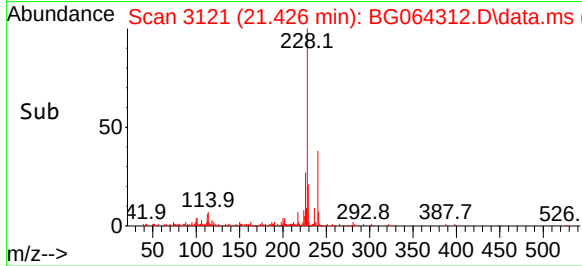
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-2



Tgt Ion:228 Resp: 86735
Ion Ratio Lower Upper
228 100
226 28.1 21.7 32.5
229 21.3 15.9 23.9

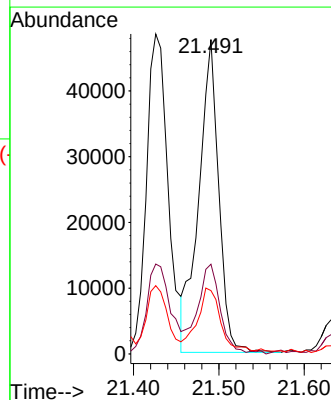
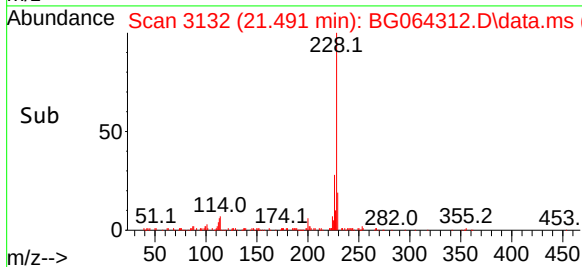
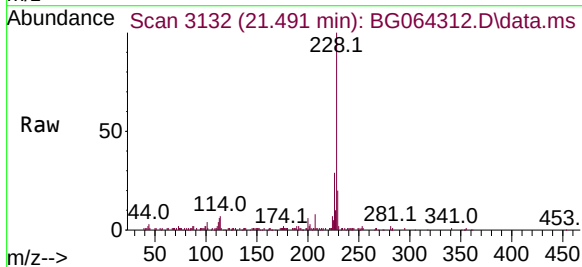
Manual Integrations
APPROVED

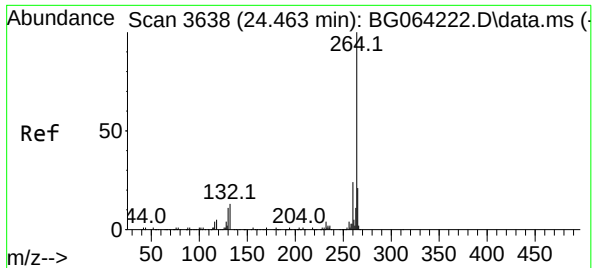
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#83
Chrysene
Concen: 6.456 ng
RT: 21.491 min Scan# 3132
Delta R.T. -0.011 min
Lab File: BG064312.D
Acq: 8 Sep 2025 18:22

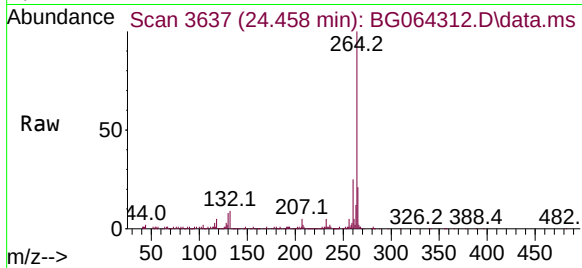
Tgt Ion:228 Resp: 77728
Ion Ratio Lower Upper
228 100
226 28.5 24.2 36.2
229 20.1 15.4 23.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.458 min Scan# 3638
Delta R.T. -0.005 min
Lab File: BG064312.D
Acq: 8 Sep 2025 18:22

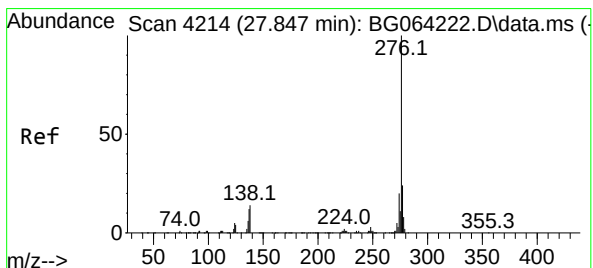
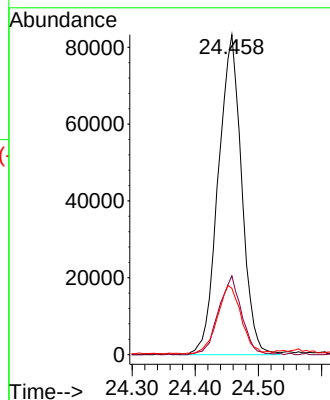
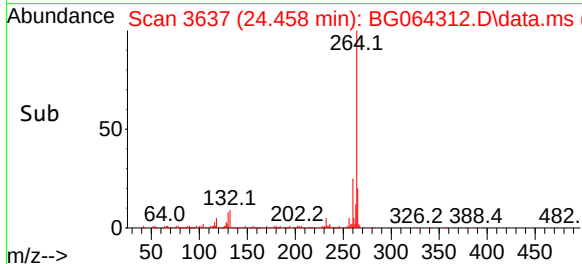
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-2



Tgt Ion:264 Resp: 213880
Ion Ratio Lower Upper
264 100
260 24.6 18.9 28.3
265 20.7 16.7 25.1

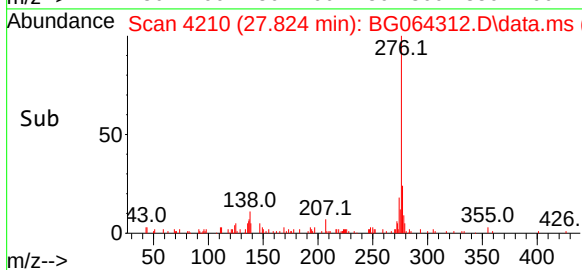
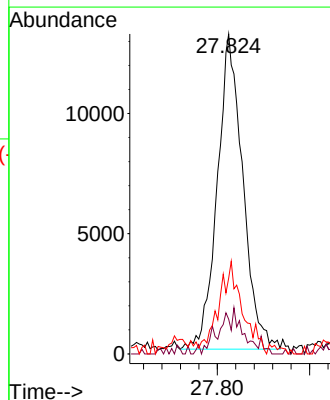
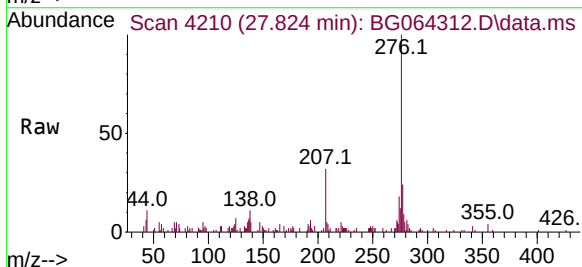
Manual Integrations
APPROVED

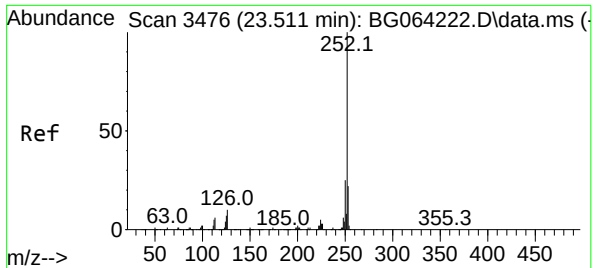
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.453 ng
RT: 27.824 min Scan# 4210
Delta R.T. -0.047 min
Lab File: BG064312.D
Acq: 8 Sep 2025 18:22

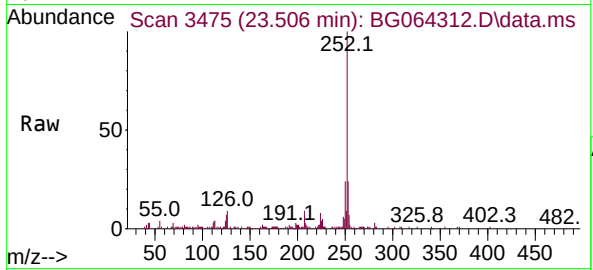
Tgt Ion:276 Resp: 50442
Ion Ratio Lower Upper
276 100
138 2.3 7.4 11.0#
277 27.5 20.5 30.7





#88
Benzo(b)fluoranthene
Concen: 8.476 ng
RT: 23.506 min Scan# 3476
Delta R.T. -0.011 min
Lab File: BG064312.D
Acq: 8 Sep 2025 18:22

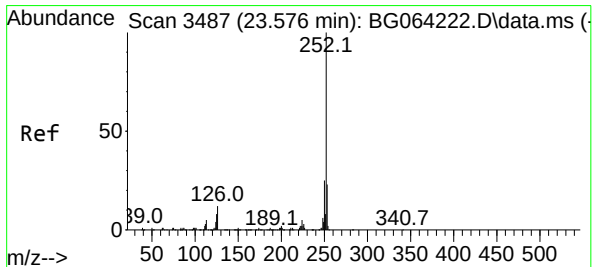
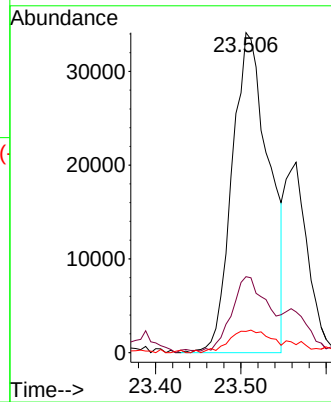
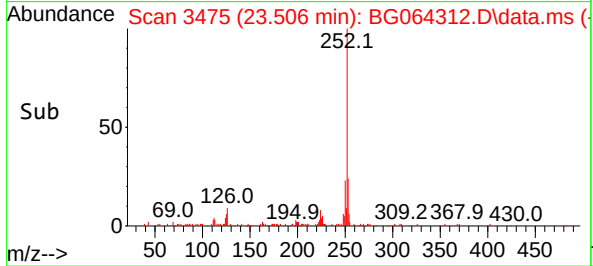
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-2



Tgt Ion:252 Resp: 102309
Ion Ratio Lower Upper
252 100
253 23.7 17.5 26.3
125 6.7 5.9 8.9

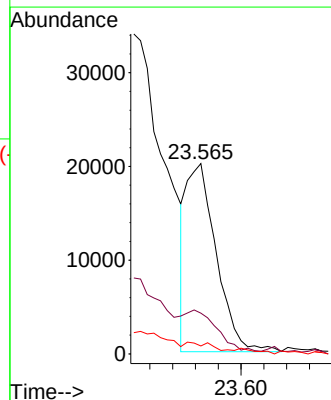
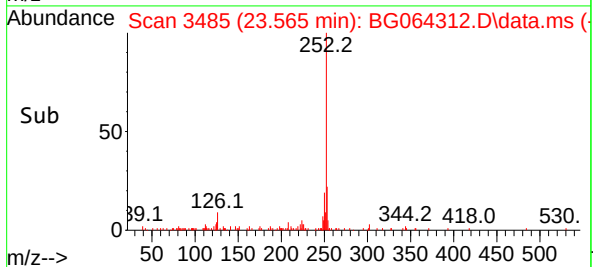
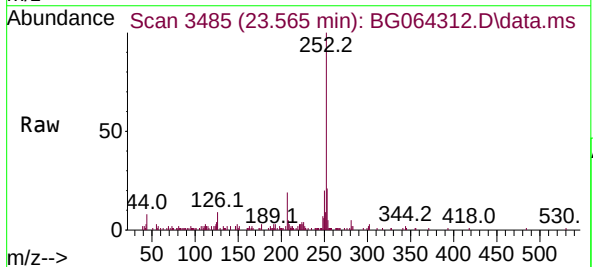
Manual Integrations
APPROVED

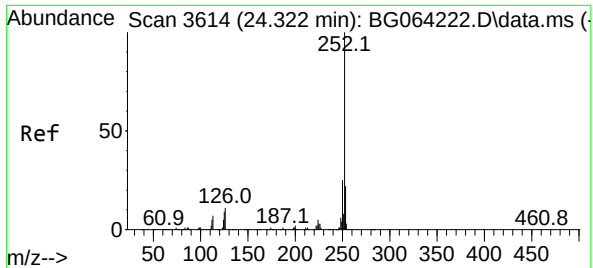
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#89
Benzo(k)fluoranthene
Concen: 2.983 ng m
RT: 23.565 min Scan# 3485
Delta R.T. -0.023 min
Lab File: BG064312.D
Acq: 8 Sep 2025 18:22

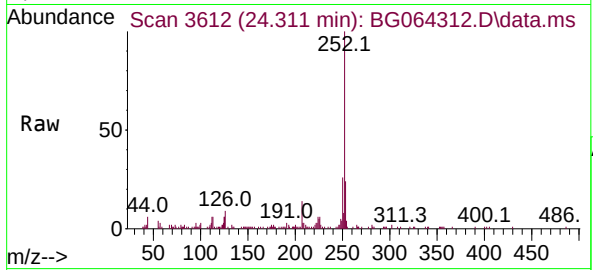
Tgt Ion:252 Resp: 36689
Ion Ratio Lower Upper
252 100
253 21.4 18.2 27.4
125 4.2 7.0 10.4#





#90
Benzo(a)pyrene
Concen: 6.495 ng m
RT: 24.311 min Scan# 3612
Delta R.T. -0.017 min
Lab File: BG064312.D
Acq: 8 Sep 2025 18:22

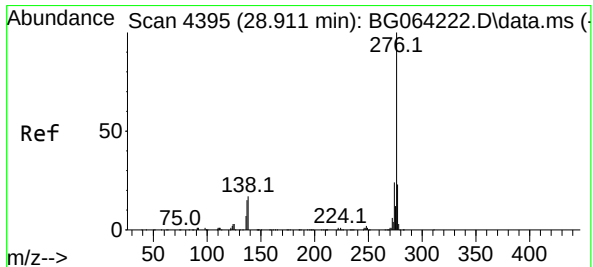
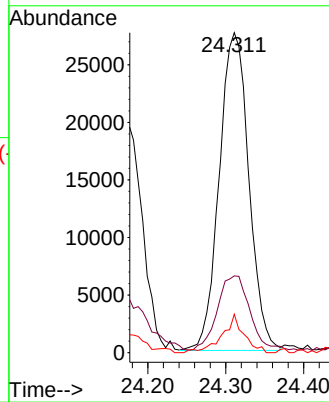
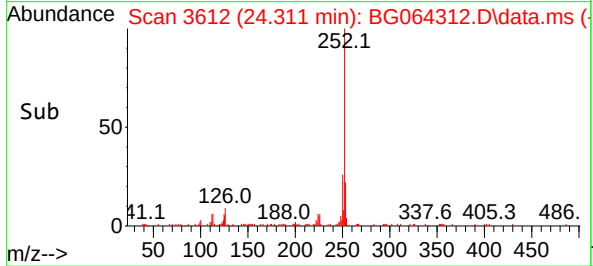
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-2



Tgt Ion:252 Resp: 72935
Ion Ratio Lower Upper
252 100
253 24.0 17.4 26.2
125 6.1 7.0 10.6

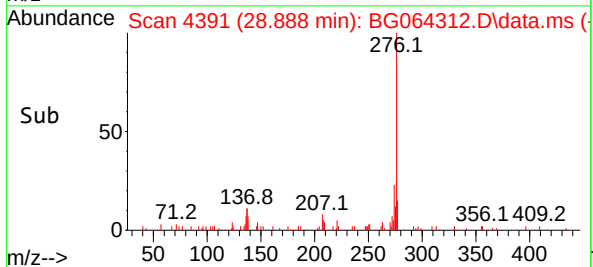
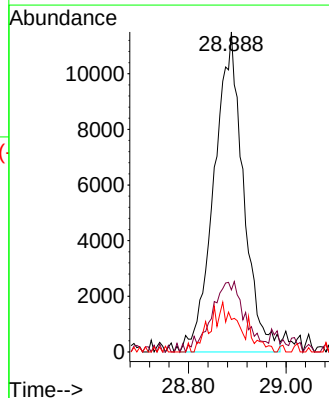
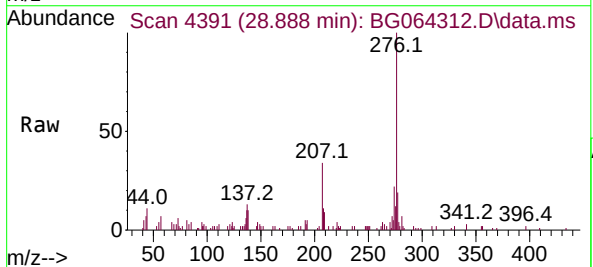
Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 4.210 ng
RT: 28.888 min Scan# 4391
Delta R.T. -0.047 min
Lab File: BG064312.D
Acq: 8 Sep 2025 18:22

Tgt Ion:276 Resp: 48042
Ion Ratio Lower Upper
276 100
277 19.4 18.2 27.4
138 10.1 13.3 19.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
 Data File : BG064312.D
 Acq On : 8 Sep 2025 18:22
 Operator : RC/JU
 Sample : Q3032-04 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PILE-2

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_G\Methods\8270-BG082825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064312.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.969	316	320	325	rBV	11645	17541	2.30%	0.264%
2	5.439	390	400	408	rBV	79170	126361	16.53%	1.904%
3	7.014	662	668	677	rBV	77816	135647	17.75%	2.044%
4	7.848	804	810	818	rVB	97956	160085	20.95%	2.412%
5	8.999	998	1006	1013	rBV	51427	87081	11.39%	1.312%
6	10.633	1278	1284	1293	rBV	125472	225840	29.55%	3.403%
7	13.095	1697	1703	1711	rBV	113642	173451	22.70%	2.614%
8	14.193	1887	1890	1898	rBV3	5365	8466	1.11%	0.128%
9	14.475	1930	1938	1944	rBV	217977	319217	41.77%	4.810%
10	15.521	2111	2116	2119	rBV2	9018	12616	1.65%	0.190%
11	15.833	2160	2169	2175	rVB5	11248	19318	2.53%	0.291%
12	15.962	2184	2191	2201	rVB	131393	206385	27.01%	3.110%
13	17.037	2369	2374	2379	rVB4	6349	8462	1.11%	0.128%
14	17.213	2397	2404	2408	rBV	304704	437781	57.28%	6.597%
15	17.254	2408	2411	2418	rVV	118374	176130	23.05%	2.654%
16	17.343	2422	2426	2432	rVV	20573	32603	4.27%	0.491%
17	17.613	2468	2472	2476	rVB	6821	9302	1.22%	0.140%
18	18.089	2548	2553	2555	rBV	20961	30886	4.04%	0.465%
19	18.136	2558	2561	2567	rVV2	32308	52345	6.85%	0.789%
20	18.218	2571	2575	2581	rVV2	7552	12590	1.65%	0.190%
21	18.283	2581	2586	2590	rVV3	33131	62240	8.14%	0.938%
22	18.318	2590	2592	2598	rVB2	16083	19652	2.57%	0.296%
23	18.594	2634	2639	2641	rBV	17109	25049	3.28%	0.377%
24	18.623	2641	2644	2651	rVB4	15209	24355	3.19%	0.367%
25	18.882	2685	2688	2692	rVV3	6658	7925	1.04%	0.119%
26	19.005	2705	2709	2715	rBV2	18706	32001	4.19%	0.482%
27	19.058	2715	2718	2719	rVV3	6723	8104	1.06%	0.122%
28	19.140	2729	2732	2736	rBV4	15119	22933	3.00%	0.346%
29	19.270	2748	2754	2760	rVB	263121	367757	48.12%	5.542%
30	19.364	2768	2770	2773	rVV4	7127	10067	1.32%	0.152%
31	19.411	2776	2778	2783	rVV3	9286	14442	1.89%	0.218%
32	19.464	2783	2787	2791	rVV8	8039	17495	2.29%	0.264%
33	19.511	2792	2795	2800	rVV4	12209	21115	2.76%	0.318%
34	19.628	2811	2815	2823	rVB	234073	335271	43.87%	5.052%
35	19.705	2823	2828	2834	rVB5	14192	23411	3.06%	0.353%
36	19.834	2842	2850	2854	rBV	240158	333178	43.60%	5.021%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
 Data File : BG064312.D
 Acq On : 8 Sep 2025 18:22
 Operator : RC/JU
 Sample : Q3032-04 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PILE-2

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_G\Methods\8270-BG082825.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.951	2865	2870	2871	rBV3	23672	31397	4.11%	0.473%
38	20.086	2889	2893	2895	rVV5	18438	27788	3.64%	0.419%
39	20.122	2896	2899	2905	rVB2	45622	61656	8.07%	0.929%
40	20.222	2912	2916	2921	rVV2	27402	39232	5.13%	0.591%
41	20.280	2921	2926	2930	rVB3	24419	44900	5.88%	0.677%
42	20.363	2937	2940	2942	rBV4	7513	11084	1.45%	0.167%
43	20.415	2944	2949	2953	rVV2	17902	25933	3.39%	0.391%
44	20.468	2955	2958	2962	rVB3	22217	25502	3.34%	0.384%
45	20.586	2975	2978	2984	rVB8	11637	16956	2.22%	0.256%
46	20.633	2984	2986	2990	rBV5	7523	11980	1.57%	0.181%
47	20.703	2996	2998	3000	rBV3	11336	8038	1.05%	0.121%
48	20.874	3023	3027	3031	rVB4	23602	34849	4.56%	0.525%
49	21.050	3050	3057	3060	rBV2	28209	56723	7.42%	0.855%
50	21.091	3060	3064	3066	rVV3	24718	37110	4.86%	0.559%
51	21.126	3067	3070	3076	rVV4	38125	76519	10.01%	1.153%
52	21.185	3077	3080	3085	rVB3	22994	40354	5.28%	0.608%
53	21.444	3116	3124	3129	rBV2	376600	764221	100.00%	11.516%
54	21.491	3129	3132	3140	rVB	118743	178579	23.37%	2.691%
55	21.643	3153	3158	3161	rBV5	18855	29758	3.89%	0.448%
56	21.831	3185	3190	3194	rBV8	15441	31092	4.07%	0.469%
57	22.066	3226	3230	3233	rBV5	13791	20154	2.64%	0.304%
58	22.102	3234	3236	3237	rVV2	19372	14320	1.87%	0.216%
59	22.143	3239	3243	3247	rVV3	34529	63224	8.27%	0.953%
60	22.202	3251	3253	3259	rVV6	19308	39974	5.23%	0.602%
61	22.272	3263	3265	3268	rBV4	8502	10391	1.36%	0.157%
62	23.506	3464	3475	3479	rBV2	97119	265064	34.68%	3.994%
63	23.741	3510	3515	3524	rVB5	21186	44734	5.85%	0.674%
64	24.176	3583	3589	3597	rVB	47128	121986	15.96%	1.838%
65	24.311	3606	3612	3623	rVB	74243	197201	25.80%	2.972%
66	24.458	3627	3637	3644	rBV	211701	571930	74.84%	8.619%
67	24.775	3688	3691	3692	rBV3	9754	8184	1.07%	0.123%
68	25.333	3784	3786	3791	rBV5	7165	8363	1.09%	0.126%
69	27.824	4201	4210	4219	rBV6	37149	131713	17.23%	1.985%
70	32.172	4948	4950	4953	rBV3	6633	8027	1.05%	0.121%

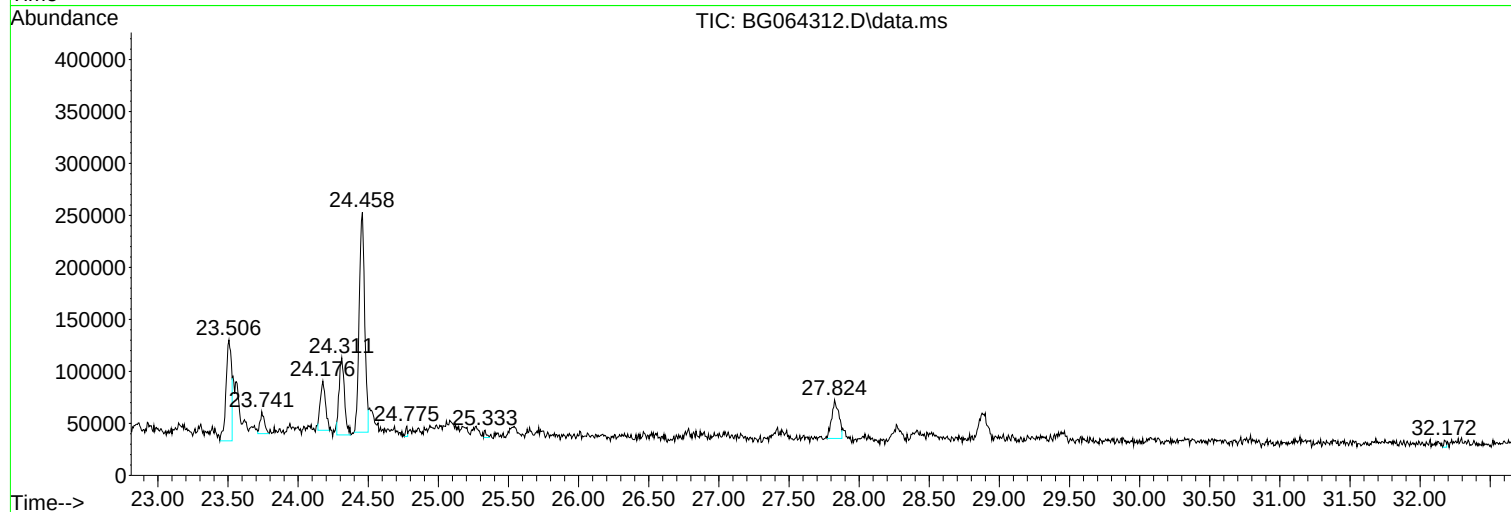
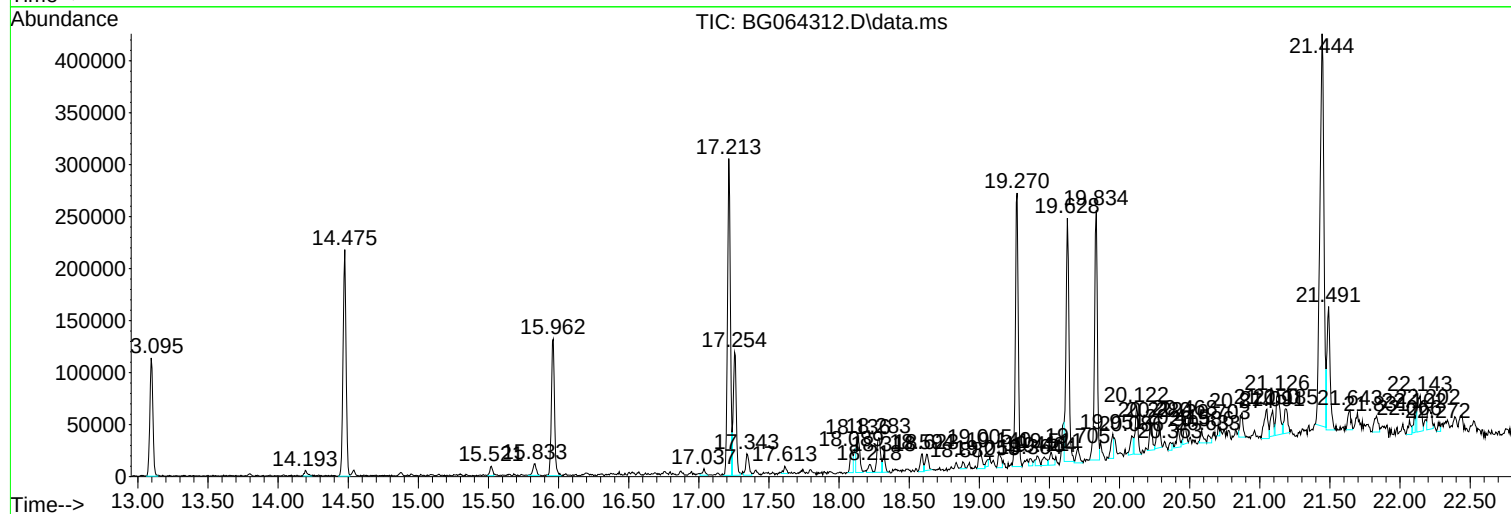
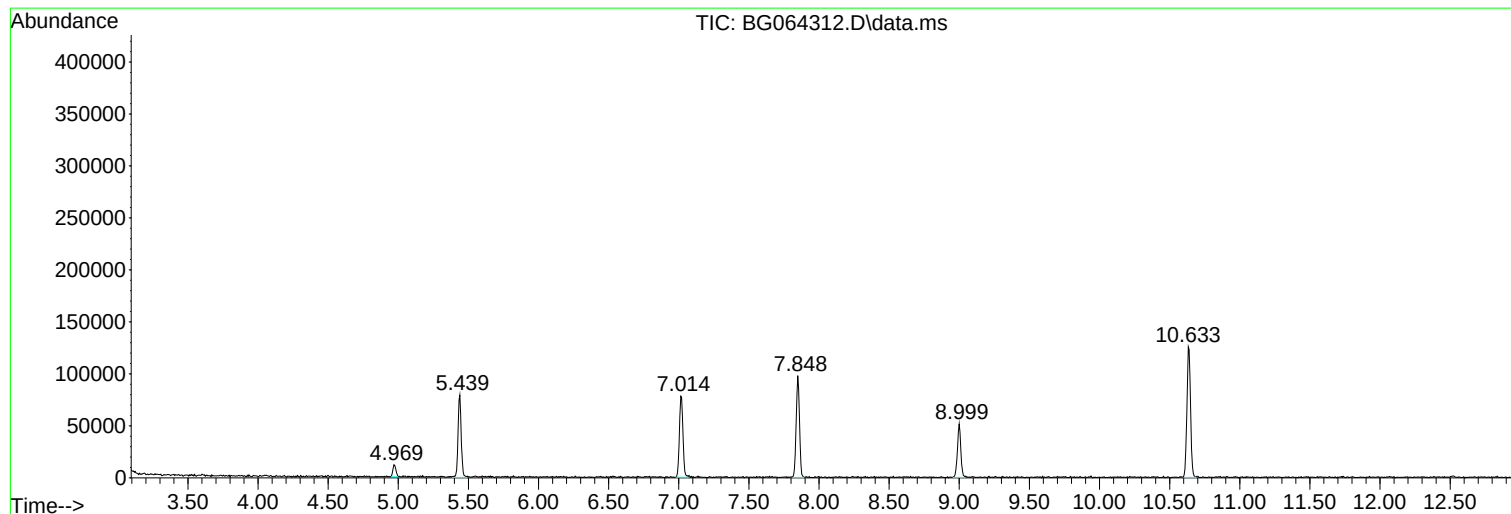
Sum of corrected areas: 6636038

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
Data File : BG064312.D
Acq On : 8 Sep 2025 18:22
Operator : RC/JU
Sample : Q3032-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.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\BG090825\
Data File : BG064312.D
Acq On : 8 Sep 2025 18:22
Operator : RC/JU
Sample : Q3032-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

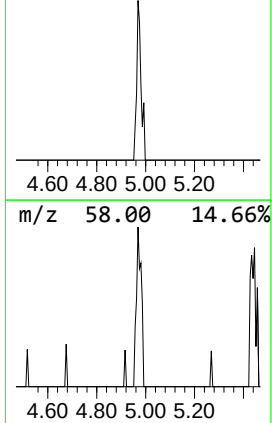
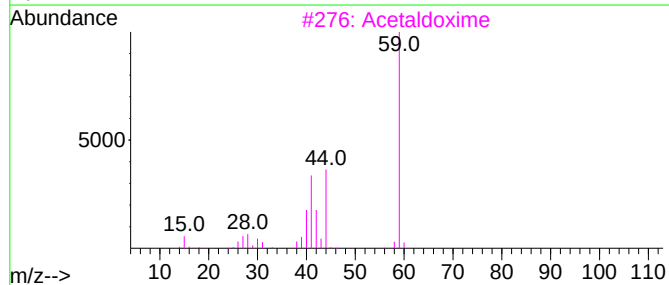
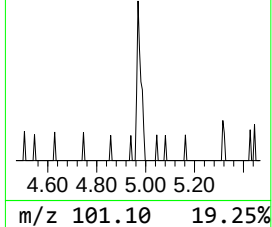
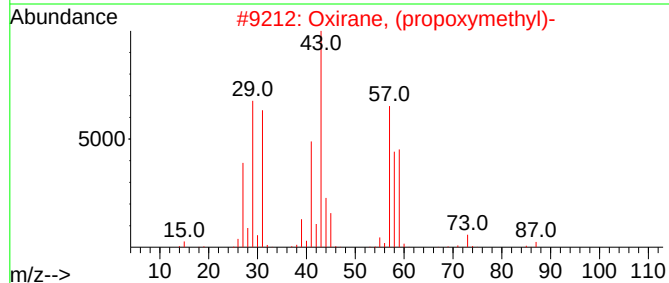
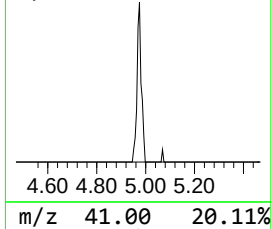
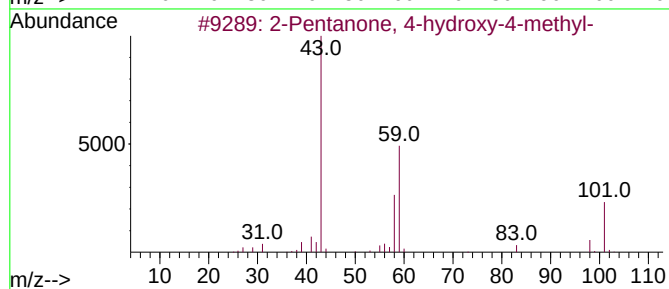
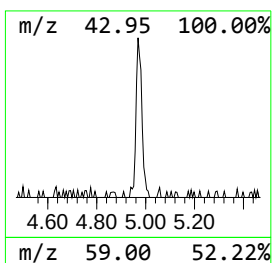
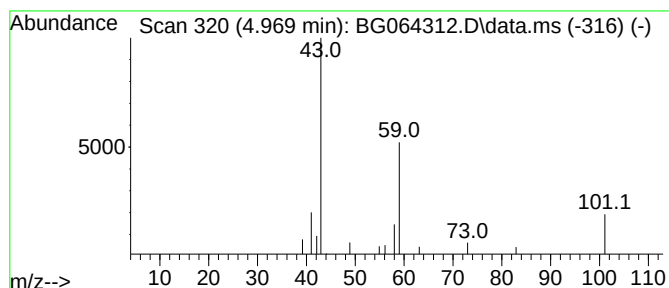
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
4.969	2.19 ng	17541	1,4-Dichlorobenzene-d4	7.848	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Oxirane, (propoxymethyl)-	116	C6H12O2	003126-95-2	9
3	Acetaldoxime	59	C2H5NO	000107-29-9	7
4	Isopropyl isothiocyanate	101	C4H7NS	002253-73-8	5
5	Propylamine	59	C3H9N	000107-10-8	5



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
Data File : BG064312.D
Acq On : 8 Sep 2025 18:22
Operator : RC/JU
Sample : Q3032-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-2

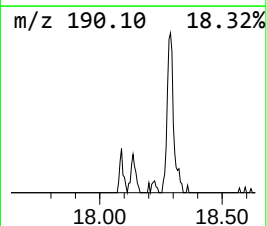
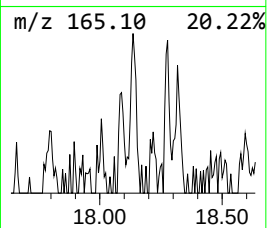
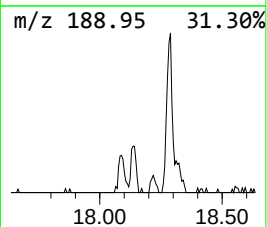
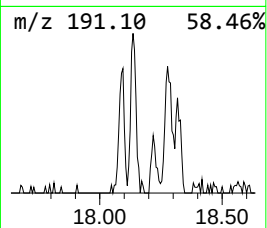
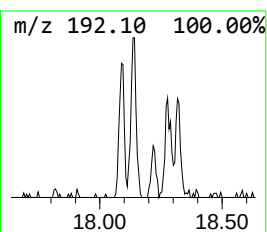
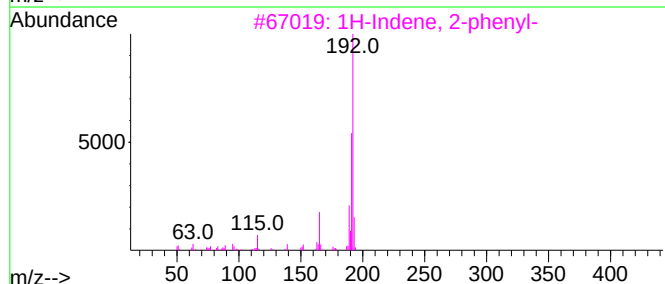
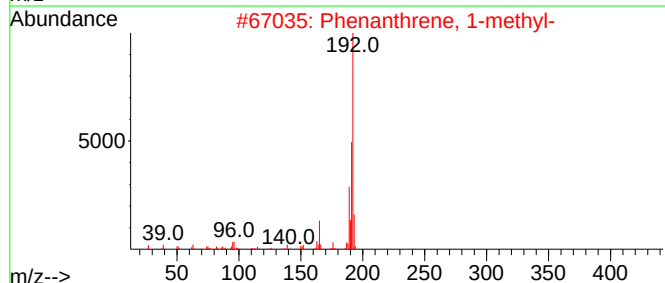
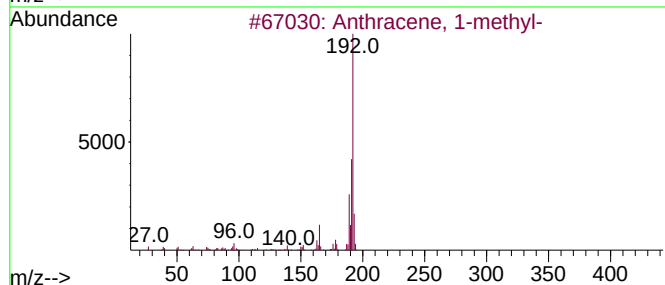
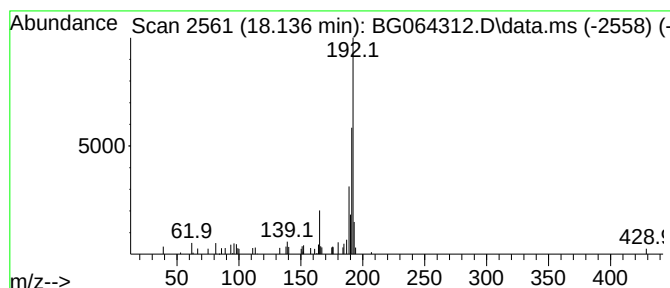
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Anthracene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.136	2.39 ng	52345	Phenanthrene-d10	17.213

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
5		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
Data File : BG064312.D
Acq On : 8 Sep 2025 18:22
Operator : RC/JU
Sample : Q3032-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

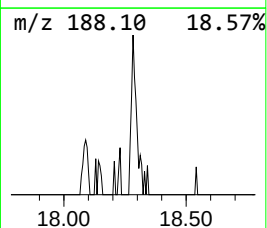
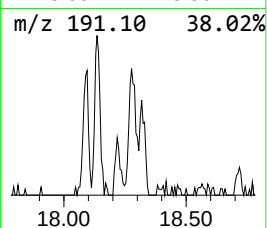
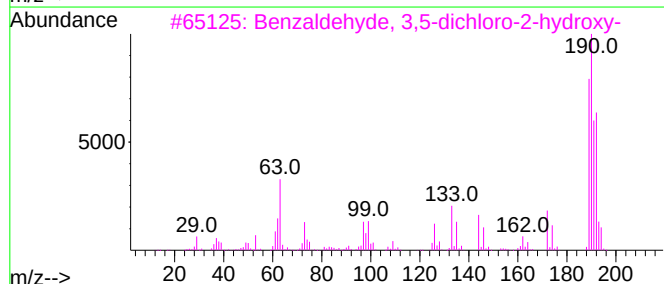
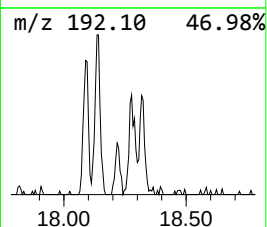
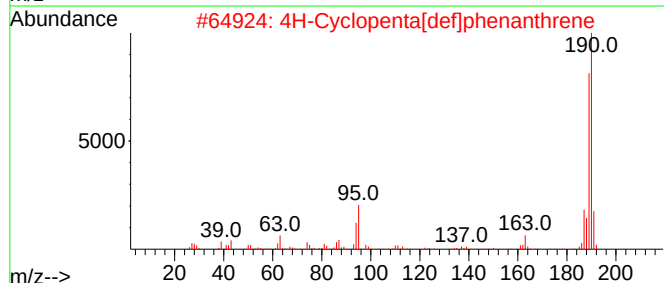
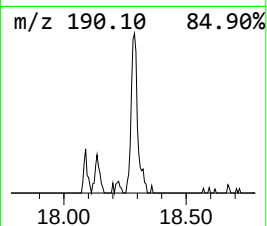
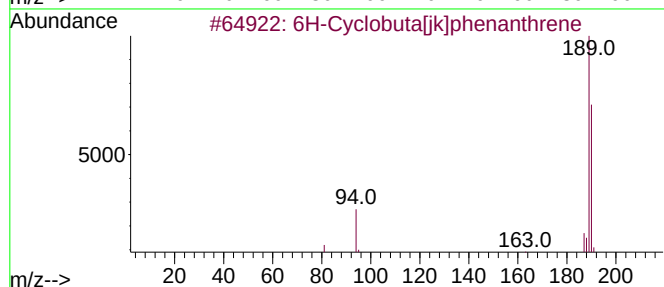
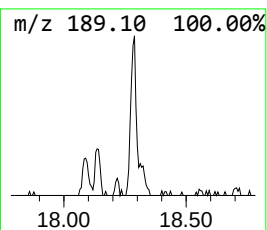
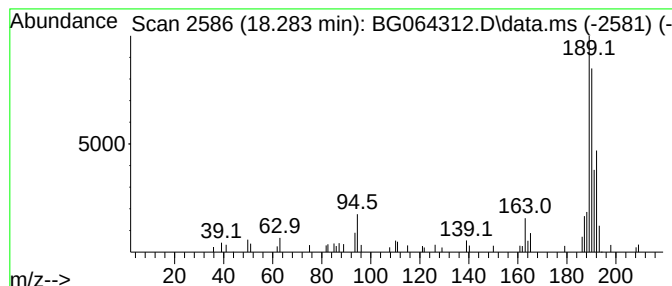
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 6H-Cyclobuta[jk]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.283	2.84 ng	62240	Phenanthrene-d10		17.213	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	6H-Cyclobuta[jk]phenanthrene		190	C15H10	083469-43-6	59
2	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	53
3	Benzaldehyde, 3,5-dichloro-2-hyd...		190	C7H4Cl2O2	000090-60-8	53
4	Methyl diselenide		190	C2H6Se2	007101-31-7	43
5	2,4(1H,3H)-Pyrimidinedione, 5-br...		190	C4H3BrN2O2	000051-20-7	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
Data File : BG064312.D
Acq On : 8 Sep 2025 18:22
Operator : RC/JU
Sample : Q3032-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-2

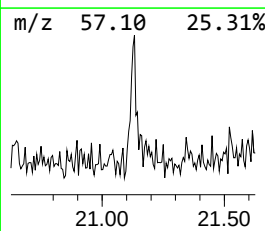
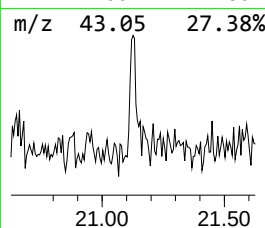
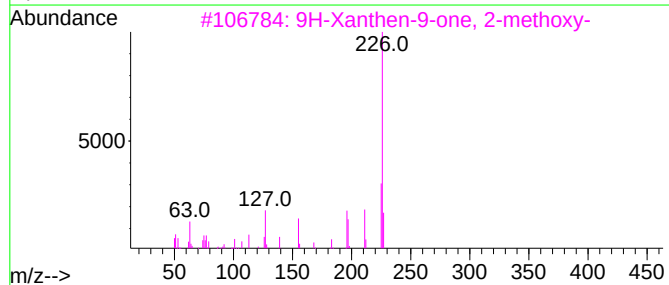
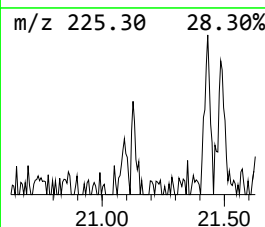
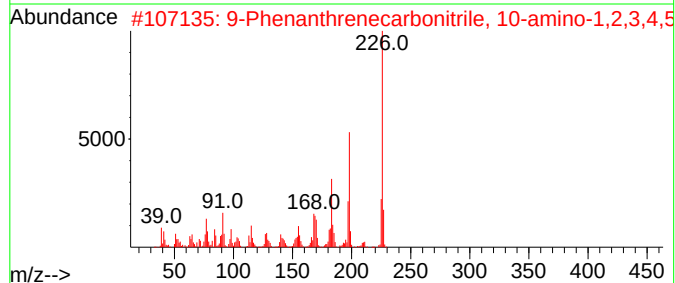
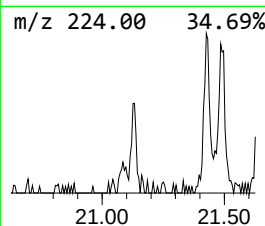
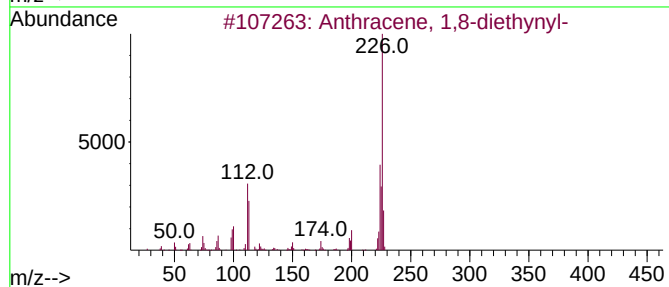
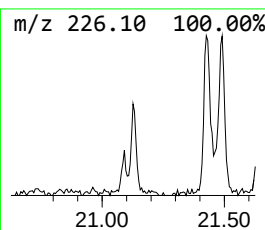
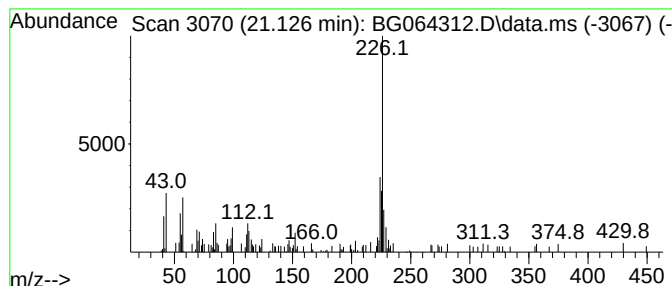
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Anthracene, 1,8-diethynyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.126	2.00 ng	76519	Chrysene-d12	21.444

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	62
2			9-Phenanthrenecarbonitrile, 10-a...	226	C15H18N2	1010338-20-4	58
3			9H-Xanthen-9-one, 2-methoxy-	226	C14H10O3	001214-20-6	58
4			3H-Spiro[1,3-benzothiazole-2,3'-...	254	C14H10N2OS	120105-59-1	53
5			9H-Xanthen-9-one, 1-methoxy-	226	C14H10O3	006563-60-6	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
Data File : BG064312.D
Acq On : 8 Sep 2025 18:22
Operator : RC/JU
Sample : Q3032-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-2

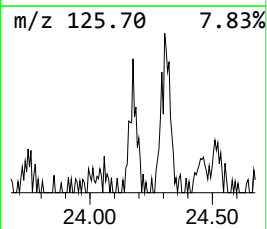
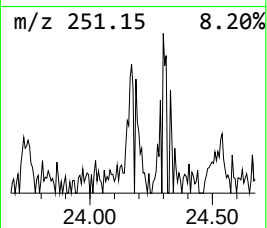
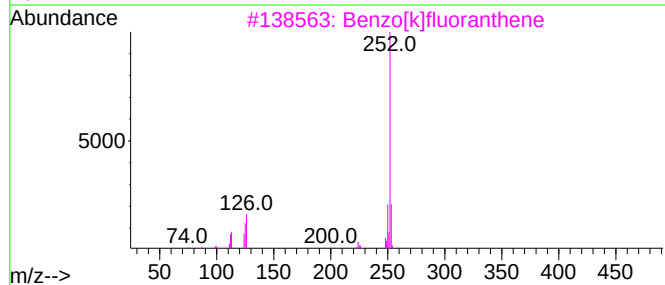
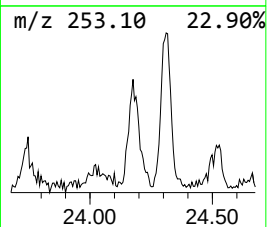
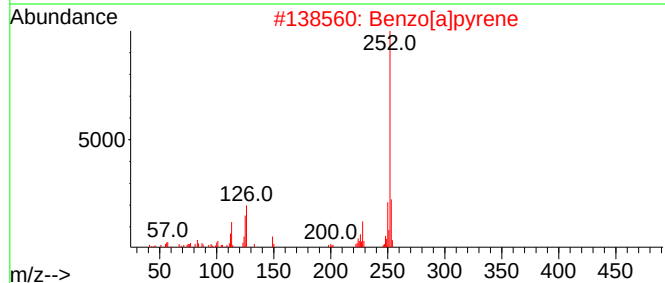
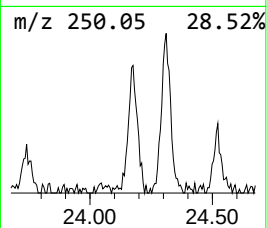
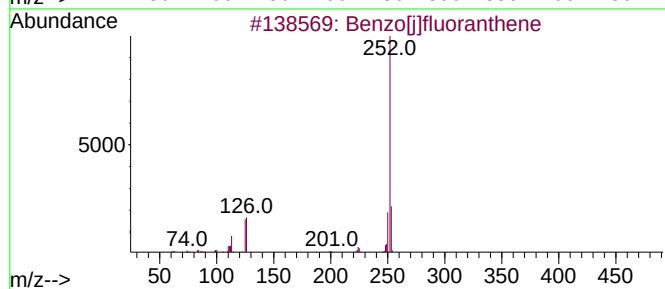
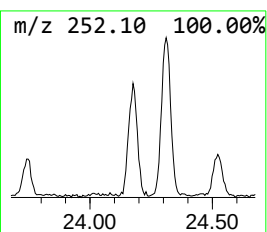
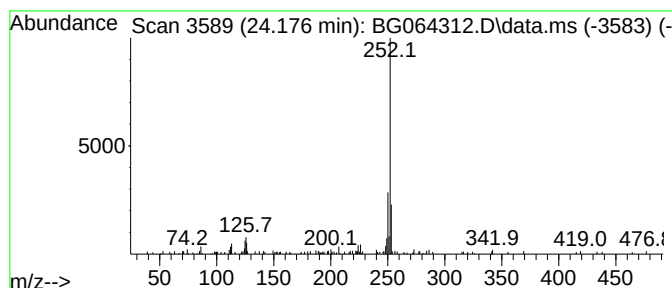
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.176	4.27 ng	121986	Perylene-d12	24.458

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[j]fluoranthene	252	C20H12	000205-82-3	76
2			Benzo[a]pyrene	252	C20H12	000050-32-8	76
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	68
5			Benzo[e]pyrene	252	C20H12	000192-97-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
Data File : BG064312.D
Acq On : 8 Sep 2025 18:22
Operator : RC/JU
Sample : Q3032-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.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
2-Pentanone, 4-...	4.969	2.2	ng	17541	1	7.848	160085	20.0
Anthracene, 1-m...	18.136	2.4	ng	52345	4	17.213	437781	20.0
6H-Cyclobuta[jk...	18.283	2.8	ng	62240	4	17.213	437781	20.0
Anthracene, 1,8...	21.126	2.0	ng	76519	5	21.444	764221	20.0
Benzo[j]fluoran...	24.176	4.3	ng	121986	6	24.458	571930	20.0



CALIBRATION SUMMARY



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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: ZUCC01Lab Code: ACESDG No.: Q3032Instrument ID: BNA_GCalibration Date(s): 08/28/2025 08/28/2025Calibration Time(s): 10:51 16:16

LAB FILE ID:		RRF2.5 = BG064218.D			RRF005 = BG064219.D		RRF010 = BG064220.D	
		RRF020 = BG064221.D			RRF040 = BG064222.D		RRF050 = BG064223.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.126	1.094	1.155	1.104	1.075	1.115	2.4
Benzaldehyde			1.181	1.115	1.375	1.193	1.260	11.0
Phenol-d6		1.520	1.484	1.594	1.515	1.522	1.532	2.3
Phenol		1.590	1.627	1.750	1.669	1.739	1.689	3.7
bis(2-Chloroethyl)ether		1.232	1.263	1.323	1.281	1.255	1.269	2.2
2-Chlorophenol		1.318	1.287	1.381	1.418	1.360	1.362	3.4
2-Methylphenol		1.188	1.243	1.349	1.261	1.218	1.258	4.3
2,2-oxybis(1-Chloropropane)		2.923	2.920	2.979	2.897	2.826	2.897	2.1
Acetophenone		0.533	0.485	0.522	0.502	0.496	0.506	3.4
3+4-Methylphenols			1.734	1.765	1.702	1.750	1.749	1.6
n-Nitroso-di-n-propylamine	1.008	1.162	1.160	1.239	1.203	1.211	1.172	6.2
Nitrobenzene-d5		0.341	0.340	0.370	0.365	0.357	0.359	3.8
Hexachloroethane		0.555	0.578	0.574	0.583	0.572	0.571	1.6
Nitrobenzene		0.354	0.348	0.394	0.388	0.377	0.375	4.7
Isophorone		0.749	0.723	0.787	0.748	0.733	0.745	3.0
2-Nitrophenol		0.133	0.146	0.169	0.171	0.167	0.162	9.9
2,4-Dimethylphenol		0.275	0.271	0.300	0.297	0.276	0.284	4.0
bis(2-Chloroethoxy)methane		0.396	0.401	0.417	0.414	0.390	0.402	2.6
2,4-Dichlorophenol		0.289	0.278	0.319	0.310	0.299	0.300	4.7
Naphthalene		1.104	1.012	1.077	1.036	1.004	1.037	4.0
4-Chloroaniline		0.369	0.379	0.414	0.421	0.411	0.402	5.1
Hexachlorobutadiene		0.242	0.236	0.236	0.237	0.224	0.234	2.9
Caprolactam			0.108	0.129	0.123	0.112	0.116	7.1
4-Chloro-3-methylphenol		0.380	0.382	0.402	0.395	0.386	0.389	2.2
2-Methylnaphthalene		0.768	0.748	0.831	0.788	0.757	0.771	4.1
Hexachlorocyclopentadiene			0.221	0.256	0.275	0.290	0.274	11.6
2,4,6-Trichlorophenol		0.364	0.362	0.400	0.396	0.384	0.386	4.2
2-Fluorobiphenyl		1.364	1.286	1.358	1.328	1.288	1.310	3.3
2,4,5-Trichlorophenol		0.387	0.386	0.437	0.433	0.426	0.418	5.3
1,1-Biphenyl		1.459	1.412	1.488	1.494	1.449	1.457	2.1
2-Chloronaphthalene		1.090	1.059	1.113	1.113	1.096	1.095	1.9
2-Nitroaniline		0.303	0.329	0.372	0.410	0.394	0.373	11.1
Dimethylphthalate		1.672	1.476	1.569	1.555	1.462	1.514	5.9
Acenaphthylene		1.656	1.528	1.675	1.675	1.607	1.619	3.4

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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Fax : 908 789 8922

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: ZUCC01Lab Code: ACESDG No.: Q3032Instrument ID: BNA_GCalibration Date(s): 08/28/2025 08/28/2025Calibration Time(s): 10:51 16:16

LAB FILE ID:		RRF2.5 = BG064218.D			RRF005 = BG064219.D		RRF010 = BG064220.D	
		RRF020 = BG064221.D			RRF040 = BG064222.D		RRF050 = BG064223.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.238	0.269	0.301	0.322	0.300	0.293	10.0
3-Nitroaniline		0.275	0.279	0.316	0.331	0.314	0.307	6.9
Acenaphthene		1.169	1.120	1.175	1.178	1.129	1.142	2.8
2,4-Dinitrophenol			0.096	0.137	0.178	0.184	0.163	23.3
4-Nitrophenol			0.199	0.250	0.286	0.258	0.252	11.5
Dibenzofuran		1.913	1.756	1.840	1.833	1.762	1.797	3.7
2,4-Dinitrotoluene		0.396	0.398	0.462	0.484	0.450	0.443	7.6
Diethylphthalate		1.830	1.577	1.665	1.688	1.536	1.620	7.1
4-Chlorophenyl-phenylether		0.781	0.717	0.759	0.755	0.720	0.734	4.2
Fluorene		1.567	1.478	1.549	1.529	1.416	1.473	5.3
4-Nitroaniline		0.267	0.275	0.311	0.351	0.332	0.313	9.9
4,6-Dinitro-2-methylphenol			0.085	0.107	0.118	0.121	0.115	14.4
n-Nitrosodiphenylamine		0.553	0.518	0.571	0.562	0.542	0.550	3.2
2,4,6-Tribromophenol		0.281	0.256	0.271	0.276	0.261	0.265	4.2
4-Bromophenyl-phenylether		0.195	0.213	0.218	0.215	0.212	0.212	3.8
Hexachlorobenzene		0.241	0.232	0.244	0.226	0.231	0.236	2.8
Atrazine		0.240	0.230	0.231	0.240	0.224	0.230	3.4
Pentachlorophenol			0.110	0.135	0.153	0.148	0.143	12.6
Phenanthrene		1.103	1.032	1.090	1.084	1.020	1.055	3.4
Anthracene		1.124	1.053	1.092	1.111	1.033	1.073	3.5
Carbazole		0.986	0.908	0.960	1.002	0.917	0.945	4.0
Di-n-butylphthalate		1.196	1.089	1.146	1.211	1.096	1.136	4.5
Fluoranthene		1.340	1.211	1.269	1.304	1.178	1.240	5.2
Pyrene		1.292	1.236	1.286	1.303	1.216	1.260	2.9
Terphenyl-d14		1.009	0.974	1.002	0.981	0.918	0.959	4.7
Butylbenzylphthalate		0.449	0.440	0.492	0.494	0.474	0.475	4.7
3,3-Dichlorobenzidine			0.401	0.440	0.429	0.410	0.417	3.7
Benzo (a) anthracene		1.323	1.238	1.312	1.296	1.248	1.280	2.7
Chrysene		1.277	1.197	1.254	1.248	1.204	1.228	2.7
Bis (2-ethylhexyl) phthalate		0.713	0.681	0.719	0.732	0.713	0.714	2.5
Di-n-octyl phthalate			1.160	1.266	1.263	1.228	1.243	3.9
Benzo (b) fluoranthene		1.079	1.081	1.145	1.176	1.104	1.129	3.6
Benzo (k) fluoranthene		1.161	1.127	1.178	1.141	1.131	1.150	1.9
Benzo (a) pyrene		1.019	0.978	1.076	1.084	1.047	1.050	3.8
Indeno (1,2,3-cd) pyrene		1.314	1.302	1.384	1.399	1.348	1.366	3.4

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: ZUCC01Lab Code: ACESDG No.: Q3032Instrument ID: BNA_GCalibration Date(s): 08/28/2025 08/28/2025Calibration Time(s): 10:51 16:16

LAB FILE ID:		RRF2.5 = BG064218.D			RRF005 = BG064219.D		RRF010 = BG064220.D	
		RRF020 = BG064221.D			RRF040 = BG064222.D		RRF050 = BG064223.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		1.044	1.032	1.114	1.135	1.087	1.097	4.0
Benzo(g,h,i)perylene		1.067	1.029	1.070	1.083	1.042	1.067	2.3
1,2,4,5-Tetrachlorobenzene		0.554	0.556	0.597	0.582	0.582	0.577	2.9
1,4-Dioxane		0.574	0.524	0.479	0.387	0.430	0.465	14.0
2,3,4,6-Tetrachlorophenol		0.392	0.378	0.419	0.419	0.413	0.402	3.9

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
 Method File : 8270-BG082825.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Aug 28 17:41:58 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BG064218.D 5 =BG064219.D 10 =BG064220.D 20 =BG064221.D 40 =BG064222.D 50 =BG064223.D 60 =BG064224.D 80 =BG064225.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.574	0.524	0.479	0.387	0.430	0.432	0.426	0.465	14.04	
3)	Pyridine	1.449	1.375	1.377	1.338	1.315	1.371	1.349	1.368	3.09	
4)	n-Nitrosodimet...		0.889	0.914	0.922	0.896	0.916	0.892	0.905	1.57	
5) S	2-Fluorophenol	1.126	1.094	1.155	1.104	1.075	1.117	1.133	1.115	2.36	
6)	Aniline	2.030	2.048	2.158	2.125	2.151	2.203	2.110	2.118	2.90	
7) S	Phenol-d6	1.520	1.484	1.594	1.515	1.522	1.555	1.532	1.532	2.26	
8)	2-Chlorophenol	1.318	1.287	1.381	1.418	1.360	1.407	1.364	1.362	3.44	
9)	Benzaldehyde		1.181	1.115	1.375	1.193	1.439		1.260	11.00	
10) C	Phenol	1.590	1.627	1.750	1.669	1.739	1.745	1.699	1.688	3.71	
11)	bis(2-Chloroet...	1.232	1.263	1.323	1.281	1.255	1.270	1.258	1.269	2.22	
12)	1,3-Dichlorobe...	1.469	1.480	1.500	1.471	1.394	1.425	1.404	1.449	2.83	
13) C	1,4-Dichlorobe...	1.499	1.522	1.479	1.466	1.426	1.447	1.398	1.463	2.91	
14)	1,2-Dichlorobe...	1.350	1.458	1.476	1.409	1.365	1.437	1.386	1.412	3.38	
15)	Benzyl Alcohol		1.297	1.436	1.426	1.432	1.438	1.451	1.413	4.06	
16)	2,2'-oxybis(1-...	2.923	2.920	2.979	2.897	2.826	2.931	2.803	2.897	2.14	
17)	2-Methylphenol	1.188	1.243	1.349	1.261	1.218	1.305	1.246	1.258	4.28	
18)	Hexachloroethane	0.555	0.578	0.574	0.583	0.572	0.568	0.567	0.571	1.57	
19) P	n-Nitroso-di-n...	1.008	1.162	1.160	1.239	1.203	1.211	1.230	1.164	1.172	6.24
20)	3+4-Methylphenols		1.734	1.765	1.702	1.750	1.787	1.753	1.749	1.65	
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.533	0.485	0.522	0.502	0.496	0.513	0.492	0.506	3.42	
23) S	Nitrobenzene-d5	0.341	0.340	0.370	0.365	0.357	0.376	0.360	0.359	3.82	
24)	Nitrobenzene	0.354	0.348	0.394	0.388	0.377	0.387	0.375	0.375	4.71	
25)	Isophorone	0.749	0.723	0.787	0.748	0.733	0.754	0.724	0.745	2.97	
26) C	2-Nitrophenol	0.133	0.146	0.169	0.171	0.167	0.176	0.171	0.162	9.86	
27)	2,4-Dimethylph...	0.275	0.271	0.300	0.297	0.276	0.291	0.279	0.284	4.03	
28)	bis(2-Chloroet...	0.396	0.401	0.417	0.414	0.390	0.404	0.391	0.402	2.63	
29) C	2,4-Dichloroph...	0.289	0.278	0.319	0.310	0.299	0.311	0.294	0.300	4.70	
30)	1,2,4-Trichlor...	0.332	0.305	0.327	0.319	0.308	0.317	0.305	0.316	3.42	
31)	Naphthalene	1.104	1.012	1.077	1.036	1.004	1.041	0.986	1.037	4.01	
32)	Benzoic acid		0.159	0.206	0.240	0.247	0.257	0.245	0.226	16.35	
33)	4-Chloroaniline	0.369	0.379	0.414	0.421	0.411	0.419	0.402	0.402	5.08	
34) C	Hexachlorobuta...	0.242	0.236	0.236	0.237	0.224	0.236	0.225	0.234	2.93	
35)	Caprolactam		0.108	0.129	0.123	0.112	0.114	0.110	0.116	7.13	
36) C	4-Chloro-3-met...	0.380	0.382	0.402	0.395	0.386	0.396	0.383	0.389	2.16	
37)	2-Methylnaphth...	0.768	0.748	0.831	0.788	0.757	0.772	0.734	0.771	4.10	
38)	1-Methylnaphth...	0.788	0.755	0.801	0.776	0.736	0.753	0.722	0.761	3.72	

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
 Method File : 8270-BG082825.M

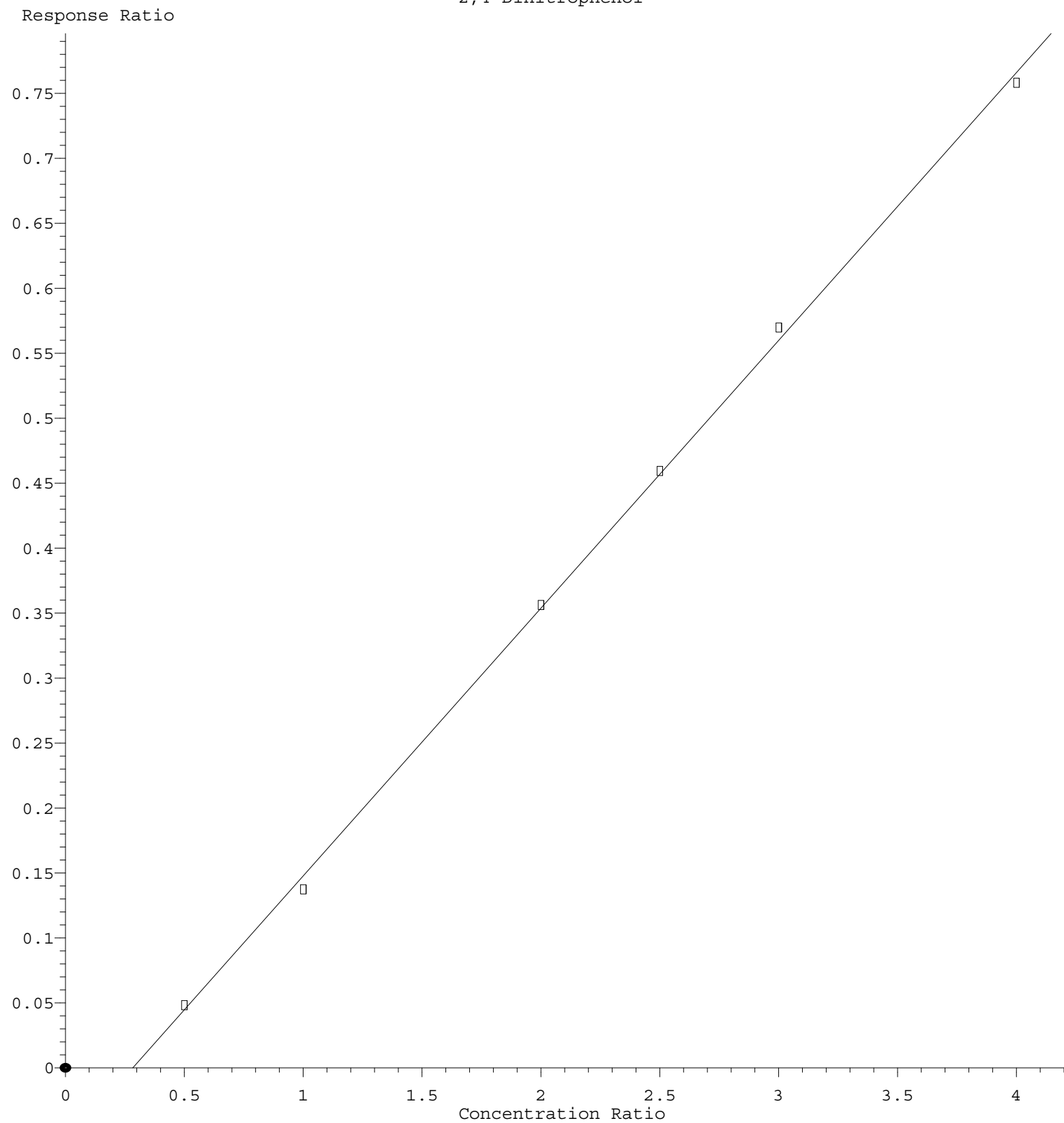
39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.554	0.556	0.597	0.582	0.582	0.592	0.576	0.577	2.86
41) P	Hexachlorocycl...	0.221	0.256	0.275	0.290	0.307	0.296	0.274		11.55
42) S	2,4,6-Tribromo...	0.281	0.256	0.271	0.276	0.261	0.257	0.252	0.265	4.21
43) C	2,4,6-Trichlor...	0.364	0.362	0.400	0.396	0.384	0.399	0.394	0.386	4.23
44)	2,4,5-Trichlor...	0.387	0.386	0.437	0.433	0.426	0.437	0.423	0.418	5.33
45) S	2-Fluorobiphenyl	1.364	1.286	1.358	1.328	1.288	1.304	1.244	1.310	3.27
46)	1,1'-Biphenyl	1.459	1.412	1.488	1.494	1.449	1.471	1.424	1.457	2.13
47)	2-Chloronaphth...	1.090	1.059	1.113	1.113	1.096	1.117	1.078	1.095	1.94
48)	2-Nitroaniline	0.303	0.329	0.372	0.410	0.394	0.408	0.397	0.373	11.15
49)	Acenaphthylene	1.656	1.528	1.675	1.675	1.607	1.610	1.580	1.619	3.36
50)	Dimethylphthalate	1.672	1.476	1.569	1.555	1.462	1.446	1.417	1.514	5.90
51)	2,6-Dinitrotol...	0.238	0.269	0.301	0.322	0.300	0.315	0.305	0.293	10.00
52) C	Acenaphthene	1.169	1.120	1.175	1.178	1.129	1.132	1.095	1.142	2.77
53)	3-Nitroaniline	0.275	0.279	0.316	0.331	0.314	0.322	0.312	0.307	6.93
54) P	2,4-Dinitrophenol	0.096	0.137	0.178	0.184	0.190	0.190	0.163		23.29
55)	Dibenzofuran	1.913	1.756	1.840	1.833	1.762	1.754	1.722	1.797	3.73
56) P	4-Nitrophenol	0.199	0.250	0.286	0.258	0.255	0.263	0.252		11.50
57)	2,4-Dinitrotol...	0.396	0.398	0.462	0.484	0.450	0.457	0.455	0.443	7.55
58)	Fluorene	1.567	1.478	1.549	1.529	1.416	1.398	1.373	1.473	5.30
59)	2,3,4,6-Tetrac...	0.392	0.378	0.419	0.419	0.413	0.404	0.393	0.402	3.91
60)	Diethylphthalate	1.830	1.577	1.665	1.688	1.536	1.530	1.516	1.620	7.06
61)	4-Chlorophenyl...	0.781	0.717	0.759	0.755	0.720	0.716	0.693	0.734	4.21
62)	4-Nitroaniline	0.267	0.275	0.311	0.351	0.332	0.331	0.325	0.313	9.93
63)	Azobenzene	1.490	1.422	1.511	1.503	1.407	1.393	1.381	1.444	3.83
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.085	0.107	0.118	0.121	0.129	0.128	0.115		14.38
66) c	n-Nitrosodiphe...	0.553	0.518	0.571	0.562	0.542	0.564	0.542	0.550	3.23
67)	4-Bromophenyl-...	0.195	0.213	0.218	0.215	0.212	0.219	0.216	0.212	3.78
68)	Hexachlorobenzene	0.241	0.232	0.244	0.226	0.231	0.243	0.235	0.236	2.82
69)	Atrazine	0.240	0.230	0.231	0.240	0.224	0.224	0.220	0.230	3.42
70) C	Pentachlorophenol	0.110	0.135	0.153	0.148	0.156	0.157	0.143		12.65
71)	Phenanthrene	1.103	1.032	1.090	1.084	1.020	1.041	1.015	1.055	3.45
72)	Anthracene	1.124	1.053	1.092	1.111	1.033	1.070	1.028	1.073	3.48
73)	Carbazole	0.986	0.908	0.960	1.002	0.917	0.935	0.909	0.945	4.01
74)	Di-n-butylphth...	1.196	1.089	1.146	1.211	1.096	1.119	1.093	1.136	4.47
75) C	Fluoranthene	1.340	1.211	1.269	1.304	1.178	1.208	1.172	1.240	5.25
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.454	0.525	0.445	0.385	0.357	0.358	0.421		15.74
78)	Pyrene	1.292	1.236	1.286	1.303	1.216	1.269	1.218	1.260	2.88
79) S	Terphenyl-d14	1.009	0.974	1.002	0.981	0.918	0.938	0.888	0.959	4.70
80)	Butylbenzylpht...	0.449	0.440	0.492	0.494	0.474	0.496	0.481	0.475	4.72
81)	Benzo(a)anthra...	1.323	1.238	1.312	1.296	1.248	1.295	1.244	1.280	2.75
82)	3,3'-Dichlorob...	0.401	0.440	0.429	0.410	0.416	0.404	0.417		3.65
83)	Chrysene	1.277	1.197	1.254	1.248	1.204	1.228	1.190	1.228	2.67
84)	Bis(2-ethylhex...	0.713	0.681	0.719	0.732	0.713	0.734	0.703	0.714	2.52
85) c	Di-n-octyl pht...	1.160	1.266	1.263	1.228	1.303	1.239	1.243		3.90

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG082825.M

86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.314	1.302	1.384	1.399	1.348	1.428	1.386	1.366	3.37
88)	Benzo(b)fluora...	1.079	1.081	1.145	1.176	1.104	1.164	1.153	1.129	3.56
89)	Benzo(k)fluora...	1.161	1.127	1.178	1.141	1.131	1.175	1.136	1.150	1.86
90) C	Benzo(a)pyrene	1.019	0.978	1.076	1.084	1.047	1.091	1.055	1.050	3.83
91)	Dibenzo(a,h)an...	1.044	1.032	1.114	1.135	1.087	1.144	1.121	1.097	4.01
92)	Benzo(g,h,i)pe...	1.067	1.029	1.070	1.083	1.042	1.103	1.076	1.067	2.32

(#) = Out of Range

2,4-Dinitrophenol



Response = 2.060e-001 * Amt - 5.822e-002
 Coef of Det (r^2) = 0.999123 Curve Fit: wlr(1/a)
 Method Name: Z:\svoasrv\HPCHEM1\BNA G\Methods\8270-BG082825.M
 Calibration Table Last Updated: Thu Aug 28 17:41:58 2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
 Data File : BG064218.D
 Acq On : 28 Aug 2025 10:51
 Operator : RC/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

Quant Time: Aug 28 18:39:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

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

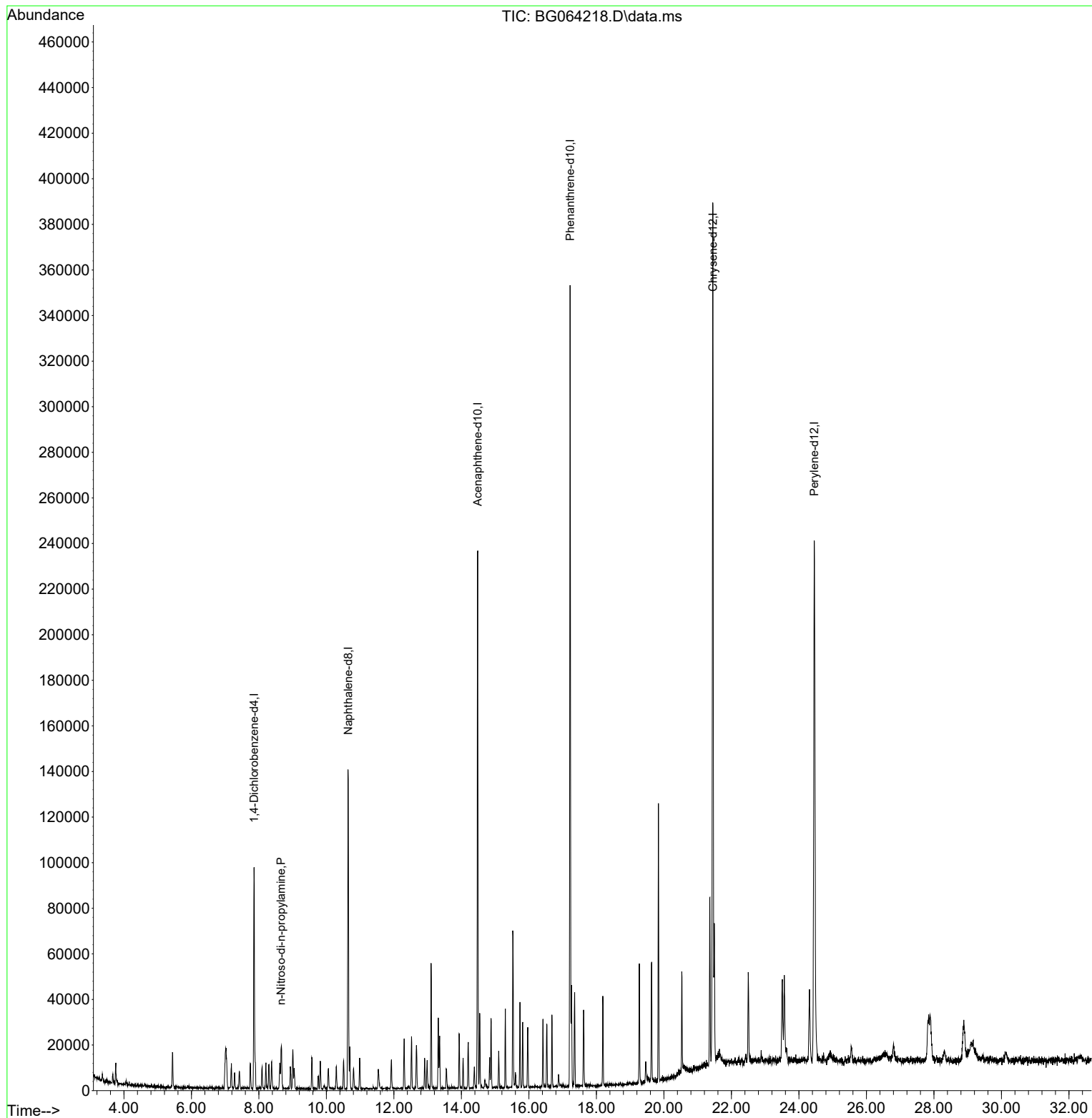
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	23937	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	108069	20.000	ng	0.00
39) Acenaphthene-d10	14.482	164	80336	20.000	ng	0.00
64) Phenanthrene-d10	17.220	188	205650	20.000	ng	0.00
76) Chrysene-d12	21.450	240	221496	20.000	ng	0.00
86) Perylene-d12	24.453	264	230662	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.654	70	3017	2.151	ng	Qvalue # 73

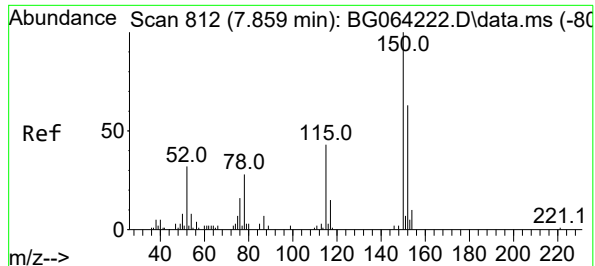
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064218.D
Acq On : 28 Aug 2025 10:51
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Quant Time: Aug 28 18:39:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

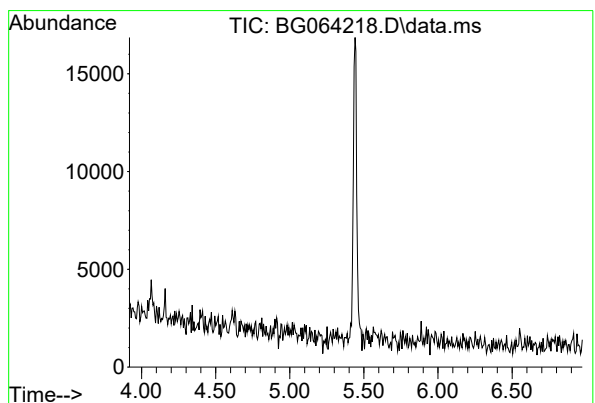
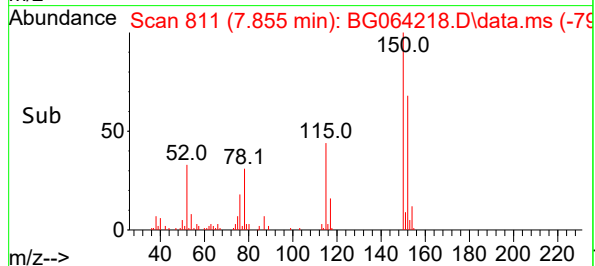
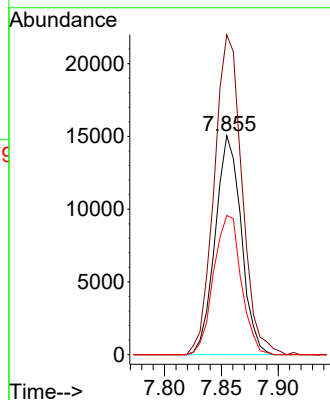
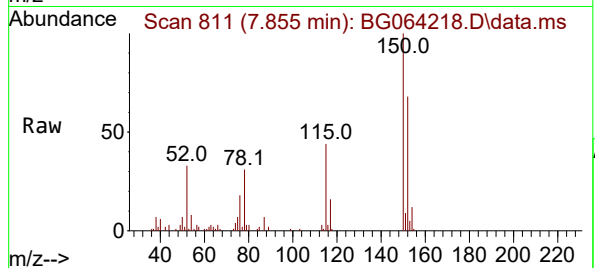




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.855 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064218.D
Acq: 28 Aug 2025 10:51

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

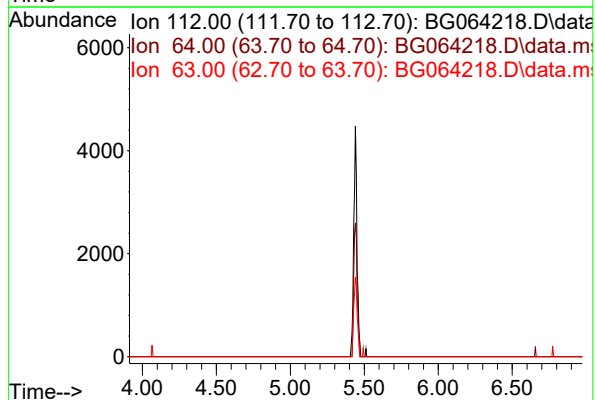
Tgt Ion:152 Resp: 23937
Ion Ratio Lower Upper
152 100
150 146.1 128.0 192.0
115 63.6 55.7 83.5



#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.44 min

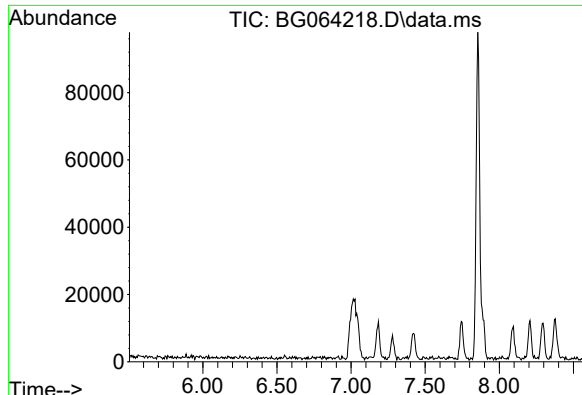
Lab File: BG064218.D
Acq: 28 Aug 2025 10:51

Tgt Ion: 112
Sig Exp Ratio
112 100
64 64.7
63 38.2



Ion 64.00 (63.70 to 64.70): BG064218.D\data.ms

Ion 63.00 (62.70 to 63.70): BG064218.D\data.ms



#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 7.03 min

Lab File: BG064218.D

Acq: 28 Aug 2025 10:51

Instrument :

BNA_G

ClientSampleId :

SSTDICC2.5

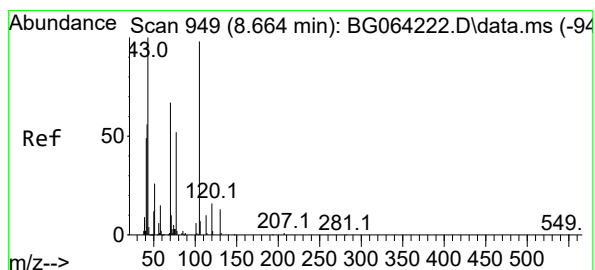
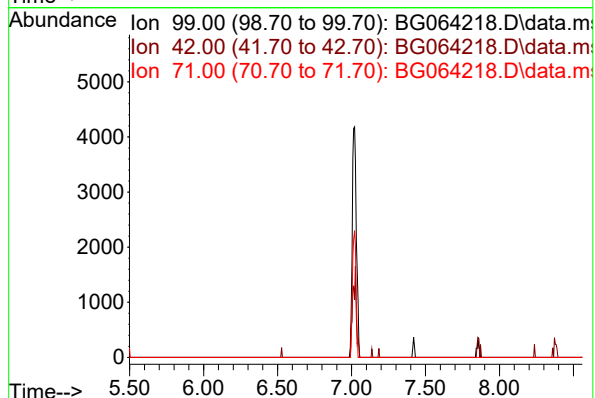
Tgt Ion: 99

Sig Exp Ratio

99 100

42 32.3

71 44.0



#19

n-Nitroso-di-n-propylamine

Concen: 2.151 ng

RT: 8.654 min Scan# 947

Delta R.T. -0.010 min

Lab File: BG064218.D

Acq: 28 Aug 2025 10:51

Tgt Ion: 70 Resp: 3017

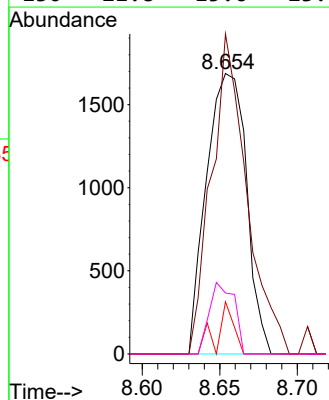
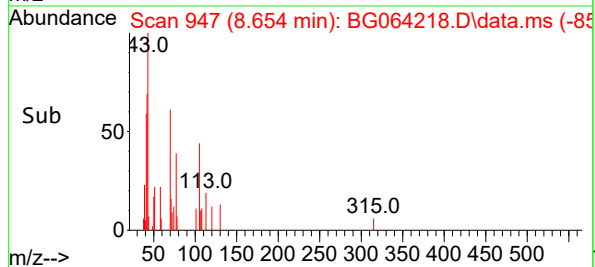
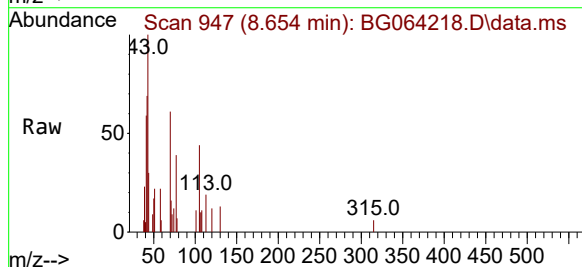
Ion Ratio Lower Upper

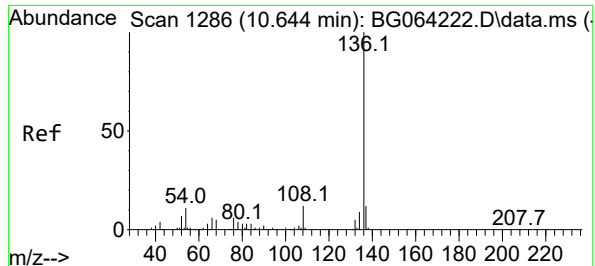
70 100

42 114.1 67.9 101.9#

101 18.6 7.3 10.9#

130 21.8 15.6 23.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.645 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG064218.D

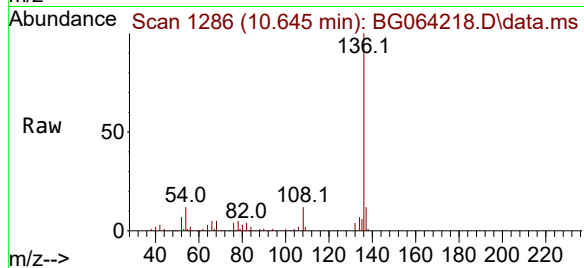
Acq: 28 Aug 2025 10:51

Instrument :

BNA_G

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 108069

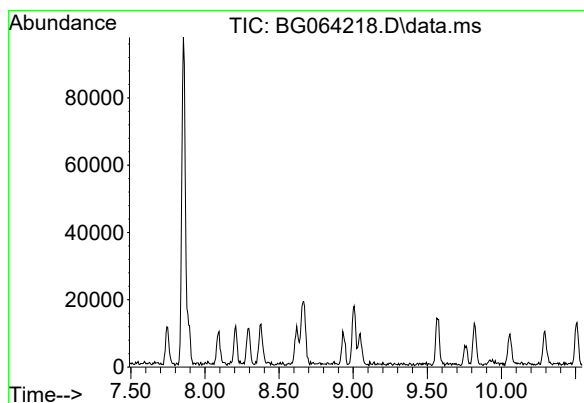
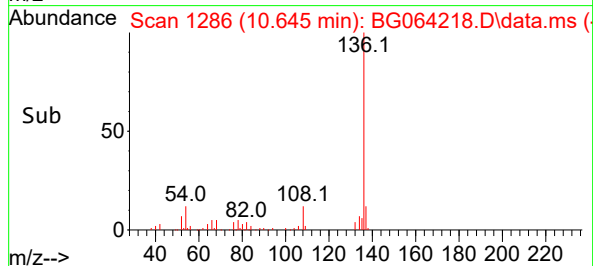
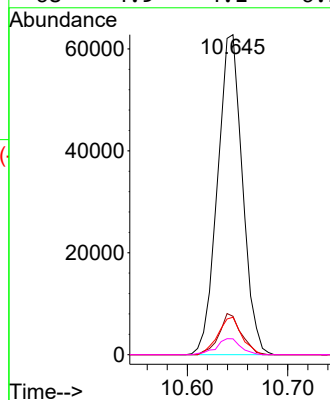
Ion Ratio Lower Upper

136 100

137 12.0 9.6 14.4

54 11.7 8.8 13.2

68 4.9 4.1 6.1



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 9.02 min

Lab File: BG064218.D

Acq: 28 Aug 2025 10:51

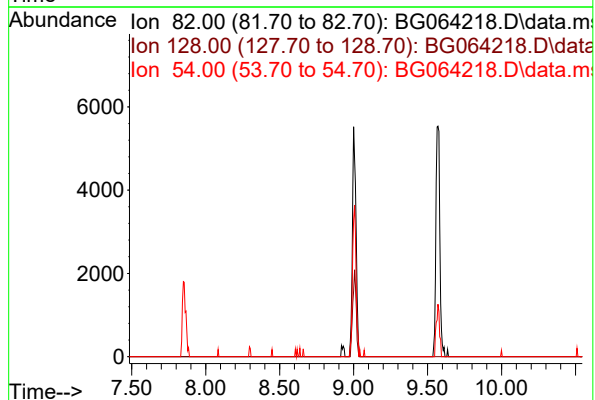
Tgt Ion: 82

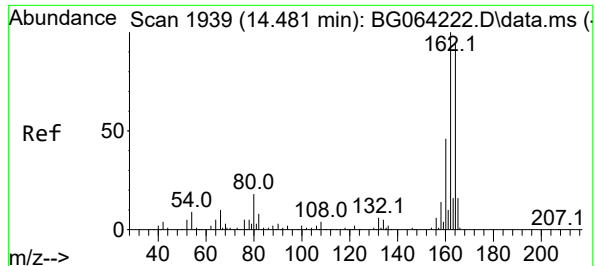
Sig Exp Ratio

82 100

128 40.7

54 68.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.482 min Scan# 1939

Delta R.T. 0.001 min

Lab File: BG064218.D

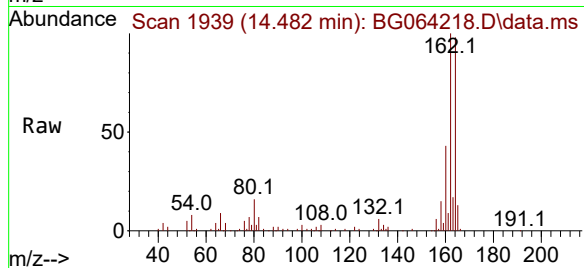
Acq: 28 Aug 2025 10:51

Instrument :

BNA_G

ClientSampleId :

SSTDICC2.5



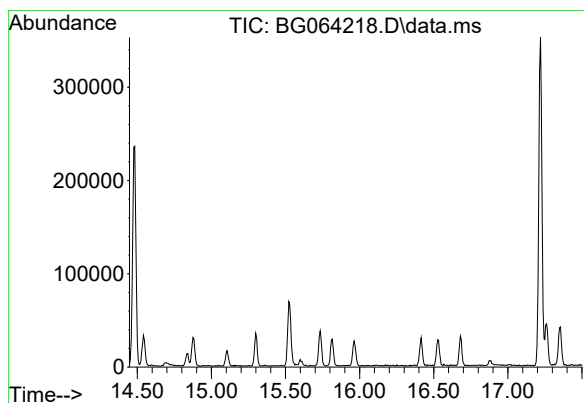
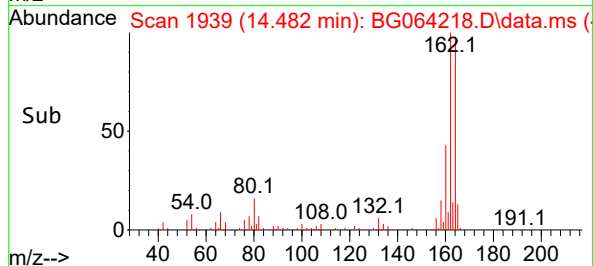
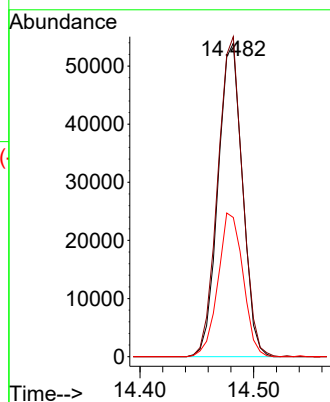
Tgt Ion:164 Resp: 80336

Ion Ratio Lower Upper

164 100

162 102.1 85.4 128.0

160 44.4 39.2 58.8



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 15.97 min

Lab File: BG064218.D

Acq: 28 Aug 2025 10:51

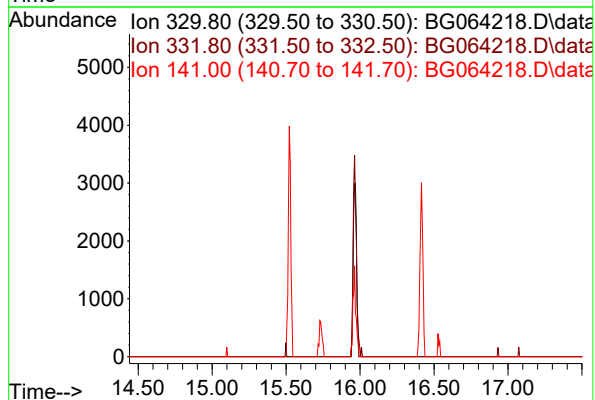
Tgt Ion: 330

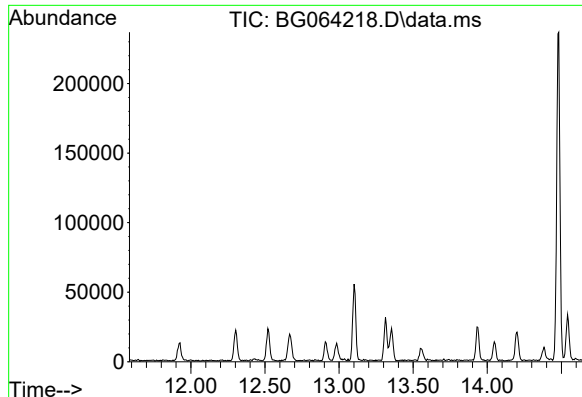
Sig Exp Ratio

330 100

332 97.0

141 37.2

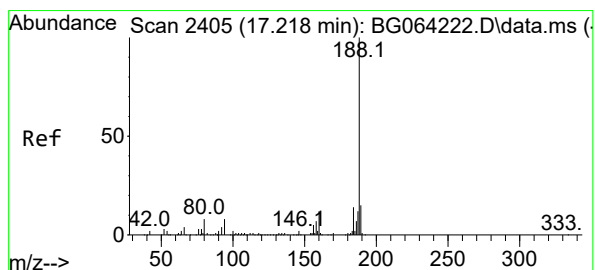
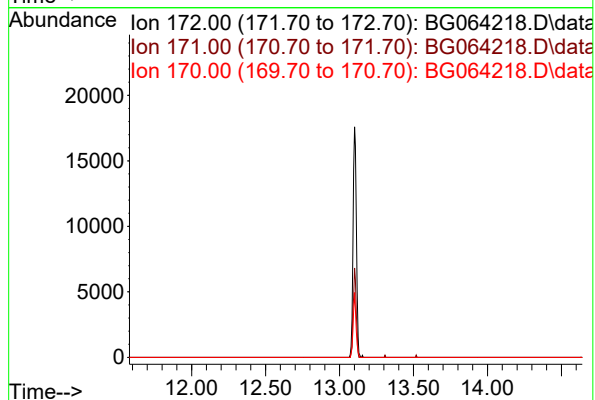




#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.11 min
Lab File: BG064218.D
Acq: 28 Aug 2025 10:51

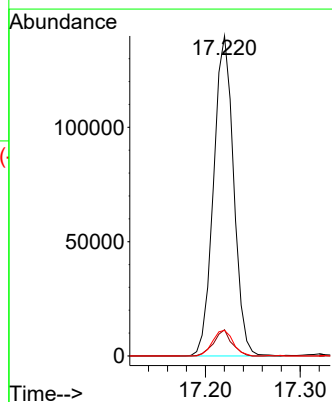
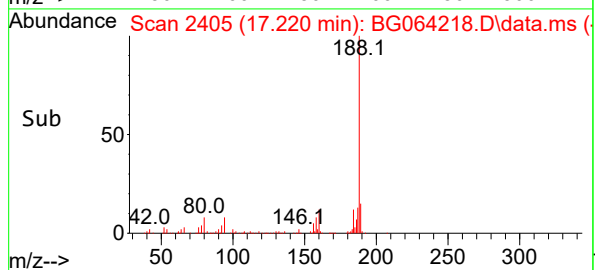
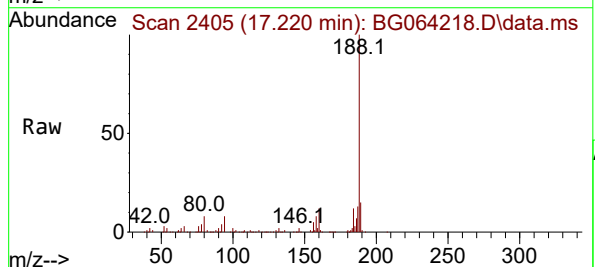
Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

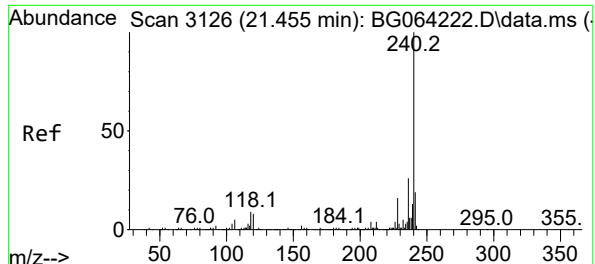
Tgt Ion: 172
Sig Exp Ratio
172 100
171 35.9
170 23.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.220 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BG064218.D
Acq: 28 Aug 2025 10:51

Tgt Ion: 188 Resp: 205650
Ion Ratio Lower Upper
188 100
94 8.2 6.2 9.4
80 8.0 6.8 10.2

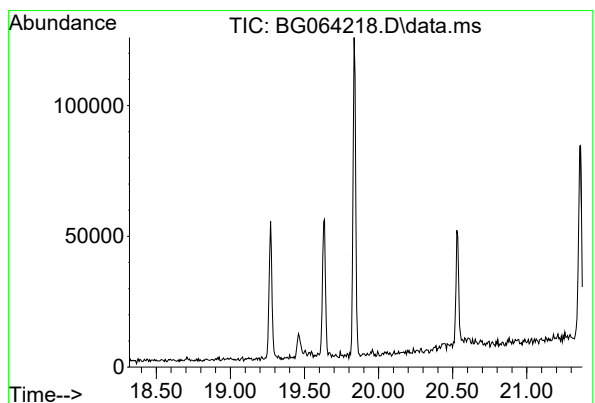
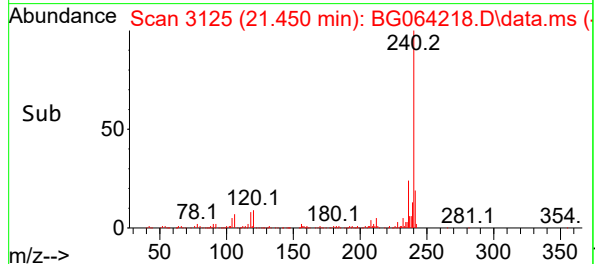
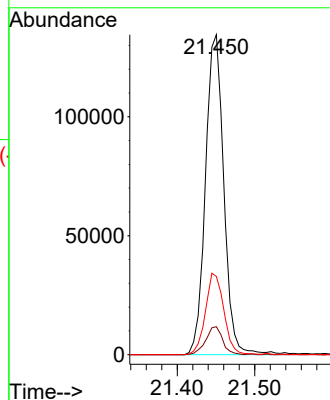
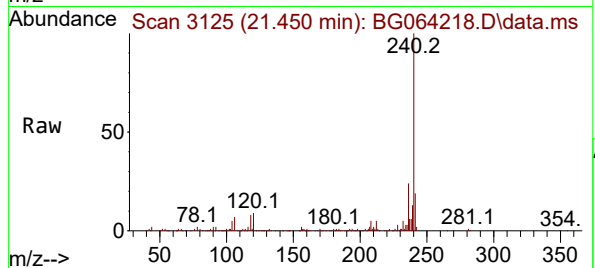




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG064218.D
Acq: 28 Aug 2025 10:51

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

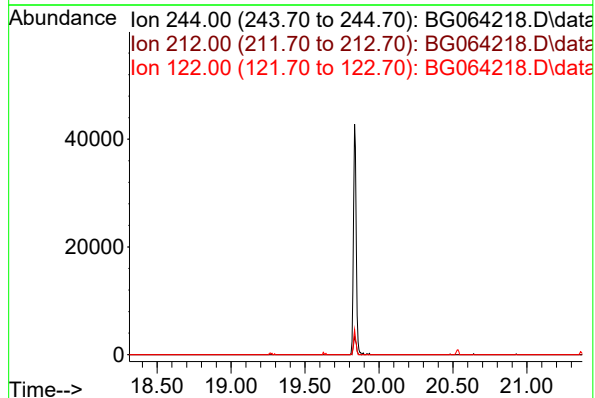
Tgt Ion:240 Resp: 221496
Ion Ratio Lower Upper
240 100
120 8.8 6.2 9.4
236 24.4 20.5 30.7

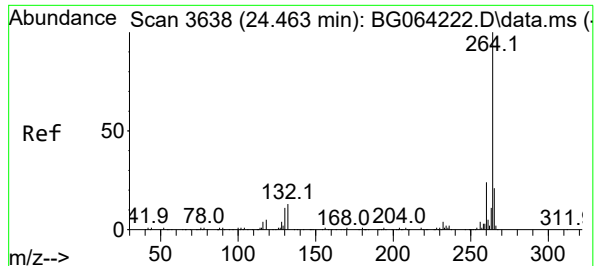


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.85 min

Lab File: BG064218.D
Acq: 28 Aug 2025 10:51

Tgt Ion: 244
Sig Exp Ratio
244 100
212 8.3
122 8.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.453 min Scan# 30

Delta R.T. -0.010 min

Lab File: BG064218.D

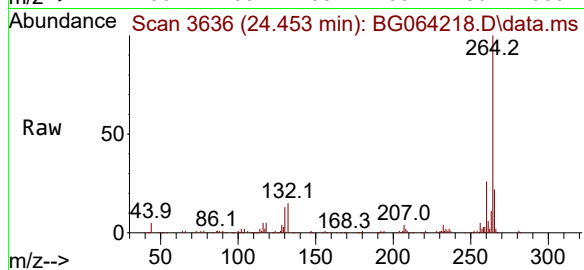
Acq: 28 Aug 2025 10:51

Instrument :

BNA_G

ClientSampleId :

SSTDICC2.5



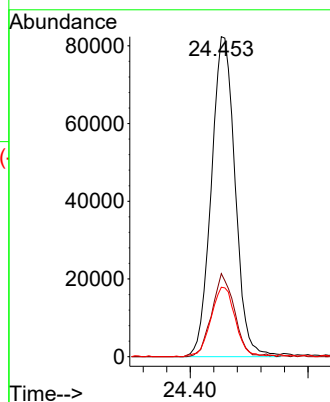
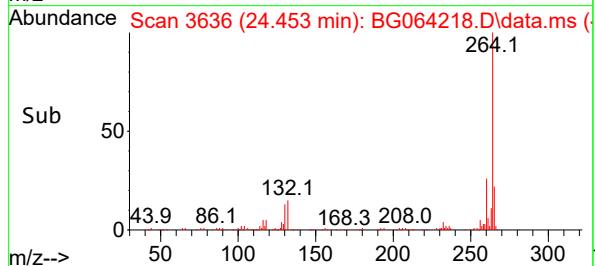
Tgt Ion:264 Resp: 230662

Ion Ratio Lower Upper

264 100

260 25.9 18.9 28.3

265 21.7 16.7 25.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
 Data File : BG064219.D
 Acq On : 28 Aug 2025 11:32
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:40:09 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 28 17:41:58 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	24098	20.000	ng	0.00
21) Naphthalene-d8	10.644	136	109950	20.000	ng	0.00
39) Acenaphthene-d10	14.481	164	78593	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	199845	20.000	ng	0.00
76) Chrysene-d12	21.449	240	219683	20.000	ng	0.00
86) Perylene-d12	24.458	264	241429	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	13573	10.105	ng	0.00
7) Phenol-d6	7.019	99	18310	9.922	ng	-0.01
23) Nitrobenzene-d5	9.005	82	18764	9.518	ng	-0.01
42) 2,4,6-Tribromophenol	15.962	330	11040	10.605	ng	-0.01
45) 2-Fluorobiphenyl	13.106	172	53596	10.409	ng	0.00
79) Terphenyl-d14	19.839	244	110867	10.529	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.365	88	3459	6.178	ng	88
3) Pyridine	3.752	79	8730	5.297	ng	# 58
6) Aniline	7.184	93	12228	4.792	ng	89
8) 2-Chlorophenol	7.419	128	7939	4.837	ng	96
10) Phenol	7.043	94	9580	4.709	ng	97
11) bis(2-Chloroethyl)ether	7.278	93	7421	4.854	ng	88
12) 1,3-Dichlorobenzene	7.742	146	8854m	5.071	ng	
13) 1,4-Dichlorobenzene	7.895	146	9030	5.124	ng	93
14) 1,2-Dichlorobenzene	8.206	146	8131	4.781	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.376	45	17609	5.045	ng	95
17) 2-Methylphenol	8.294	107	7155	4.719	ng	# 91
18) Hexachloroethane	8.935	117	3344	4.861	ng	86
19) n-Nitroso-di-n-propyla...	8.653	70	7001	4.957	ng	# 98
22) Acetophenone	8.670	105	14639	5.263	ng	# 99
24) Nitrobenzene	9.046	77	9728	4.723	ng	98
25) Isophorone	9.569	82	20579	5.023	ng	# 95
26) 2-Nitrophenol	9.757	139	3668	4.121	ng	97
27) 2,4-Dimethylphenol	9.816	122	7568	4.843	ng	96
28) bis(2-Chloroethoxy)met...	10.057	93	10885	4.927	ng	# 88
29) 2,4-Dichlorophenol	10.292	162	7945	4.819	ng	91
30) 1,2,4-Trichlorobenzene	10.509	180	9136	5.255	ng	95
31) Naphthalene	10.691	128	30344	5.322	ng	# 94
33) 4-Chloroaniline	10.797	127	10141	4.589	ng	# 91
34) Hexachlorobutadiene	10.985	225	6663	5.185	ng	95
36) 4-Chloro-3-methylphenol	11.925	107	10455	4.887	ng	95
37) 2-Methylnaphthalene	12.301	142	21107	4.980	ng	87
38) 1-Methylnaphthalene	12.525	142	21661m	5.175	ng	
40) 1,2,4,5-Tetrachloroben...	12.671	216	10879	4.797	ng	97
43) 2,4,6-Trichlorophenol	12.912	196	7156	4.721	ng	87
44) 2,4,5-Trichlorophenol	12.977	196	7600	4.622	ng	84
46) 1,1'-Biphenyl	13.312	154	28672	5.009	ng	94
47) 2-Chloronaphthalene	13.359	162	21411	4.975	ng	100
48) 2-Nitroaniline	13.553	65	5960	4.063	ng	89
49) Acenaphthylene	14.199	152	32547	5.116	ng	99
50) Dimethylphthalate	13.935	163	32855	5.523	ng	98
51) 2,6-Dinitrotoluene	14.052	165	4684	4.067	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
 Data File : BG064219.D
 Acq On : 28 Aug 2025 11:32
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/29/2025
 Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:40:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.546	154	22964	5.115	ng	94
53) 3-Nitroaniline	14.375	138	5404	4.480	ng #	98
55) Dibenzofuran	14.881	168	37579	5.322	ng	95
57) 2,4-Dinitrotoluene	14.834	165	7779	4.467	ng #	94
58) Fluorene	15.527	166	30779	5.318	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.104	232	7695	4.866	ng #	96
60) Diethylphthalate	15.298	149	35947	5.646	ng	97
61) 4-Chlorophenyl-phenyle...	15.521	204	15345	5.318	ng	93
62) 4-Nitroaniline	15.533	138	5254	4.268	ng #	75
63) Azobenzene	15.815	77	29276	5.159	ng	96
66) n-Nitrosodiphenylamine	15.733	169	27609	5.022	ng	98
67) 4-Bromophenyl-phenylether	16.414	248	9745	4.591	ng	98
68) Hexachlorobenzene	16.526	284	12043	5.109	ng	92
69) Atrazine	16.678	200	12001	5.228	ng	97
71) Phenanthrene	17.260	178	55100	5.227	ng	97
72) Anthracene	17.348	178	56156	5.237	ng	99
73) Carbazole	17.619	167	49241	5.213	ng	98
74) Di-n-butylphthalate	18.188	149	59765	5.267	ng	98
75) Fluoranthene	19.270	202	66964	5.403	ng	99
78) Pyrene	19.634	202	70961	5.127	ng	97
80) Butylbenzylphthalate	20.533	149	24638	4.720	ng	98
81) Benzo(a)anthracene	21.432	228	72646	5.169	ng	96
83) Chrysene	21.490	228	70143	5.199	ng	98
84) Bis(2-ethylhexyl)phtha...	21.361	149	39184	5.000	ng	94
87) Indeno(1,2,3-cd)pyrene	27.836	276	79337	4.812	ng	92
88) Benzo(b)fluoranthene	23.506	252	65111	4.778	ng	99
89) Benzo(k)fluoranthene	23.570	252	70084	5.049	ng	98
90) Benzo(a)pyrene	24.311	252	61491	4.851	ng #	95
91) Dibenzo(a,h)anthracene	27.895	278	63017	4.760	ng #	96
92) Benzo(g,h,i)perylene	28.888	276	64396	4.999	ng #	96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
 Data File : BG064219.D
 Acq On : 28 Aug 2025 11:32
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025

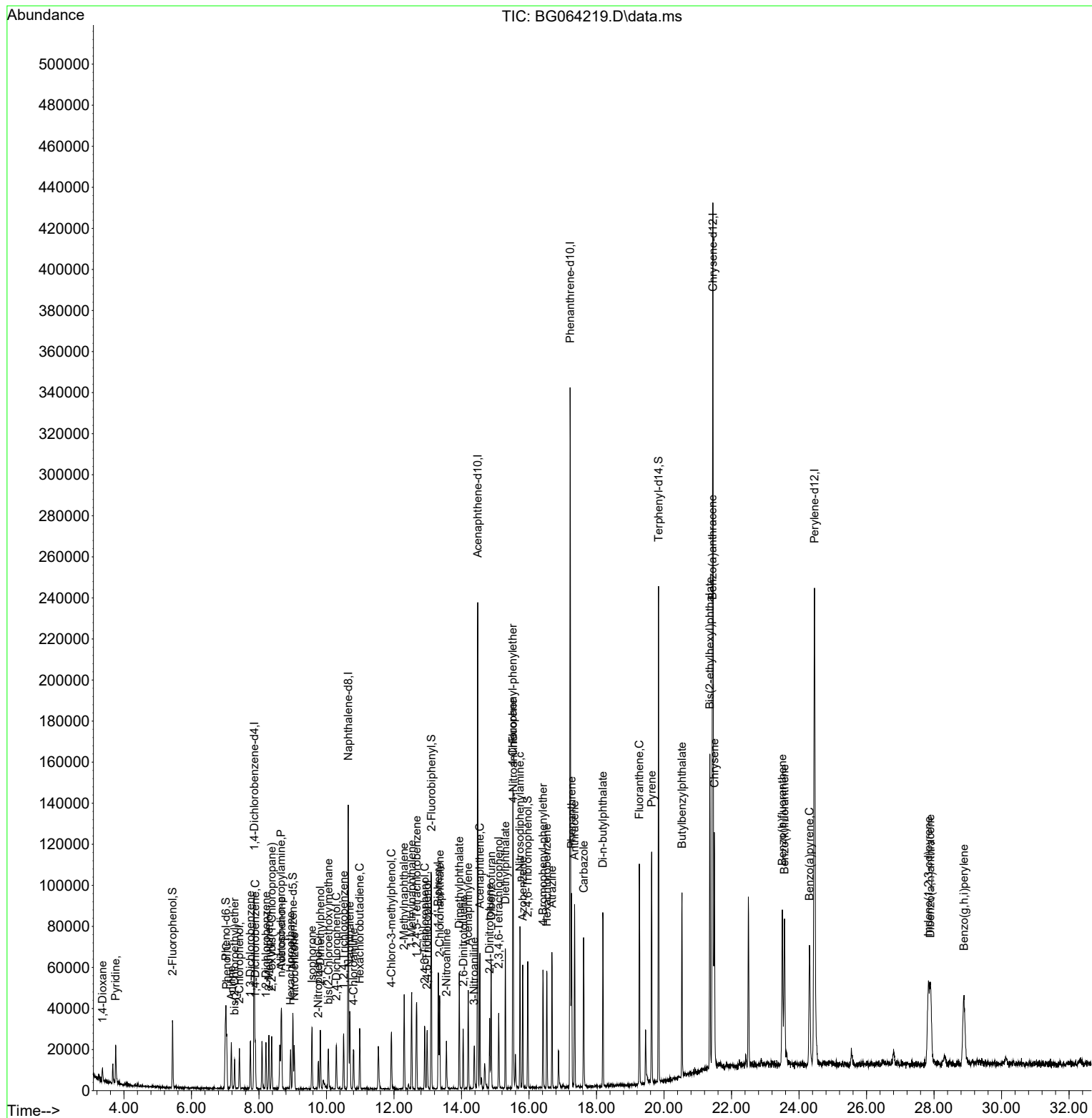
Quant Time: Aug 28 18:40:09 2025

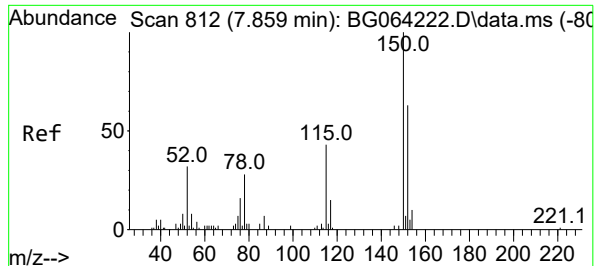
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 28 17:41:58 2025

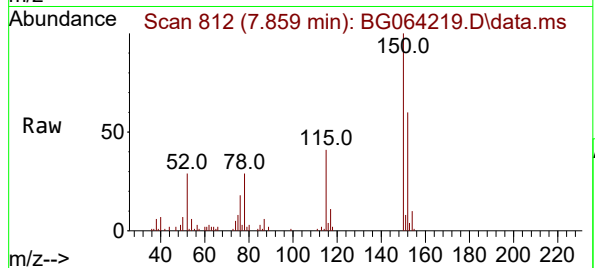
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.859 min Scan# 812
Delta R.T. 0.000 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

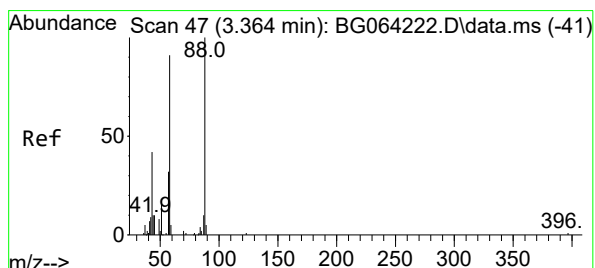
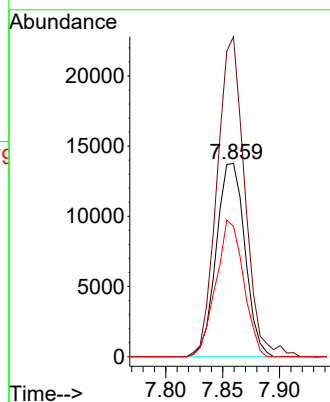
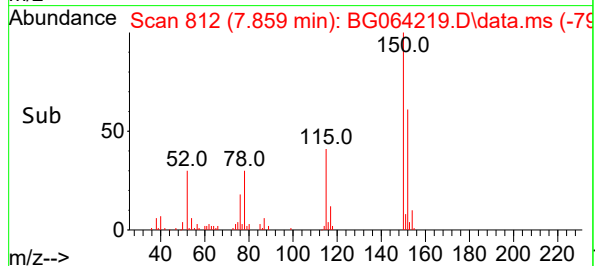
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:152 Resp: 24098
Ion Ratio Lower Upper
152 100
150 165.6 128.0 192.0
115 67.5 55.7 83.5

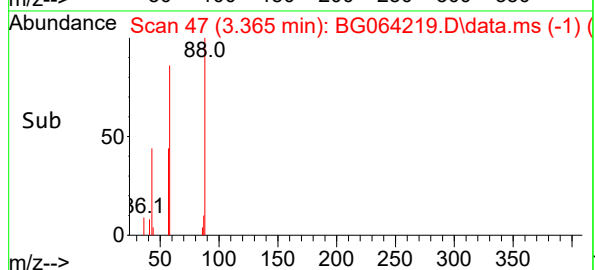
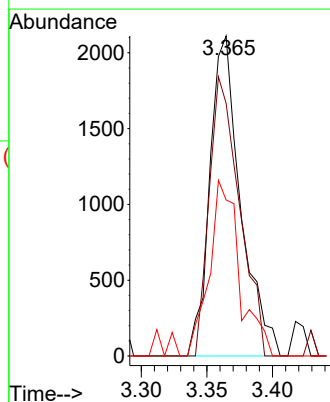
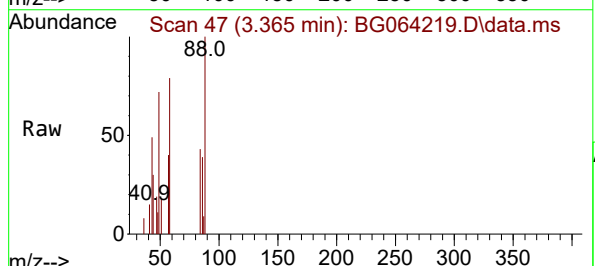
Manual Integrations
APPROVED

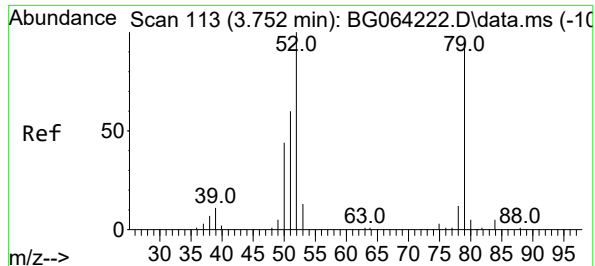
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#2
1,4-Dioxane
Concen: 6.178 ng
RT: 3.365 min Scan# 47
Delta R.T. 0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

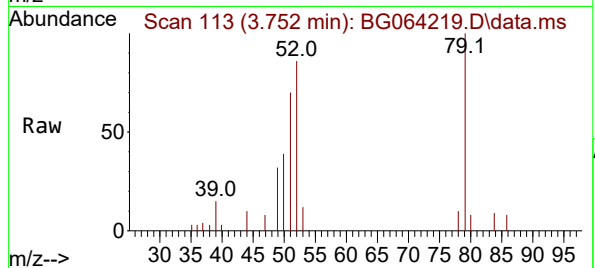
Tgt Ion: 88 Resp: 3459
Ion Ratio Lower Upper
88 100
58 85.5 80.8 121.2
43 53.5 40.3 60.5





#3
Pyridine
Concen: 5.297 ng
RT: 3.752 min Scan# 113
Delta R.T. 0.000 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

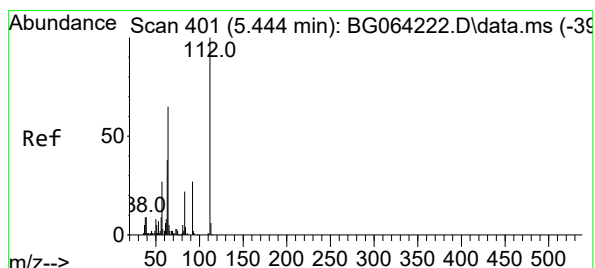
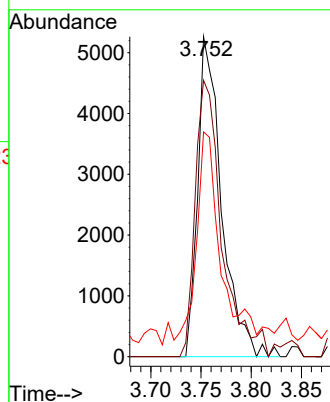
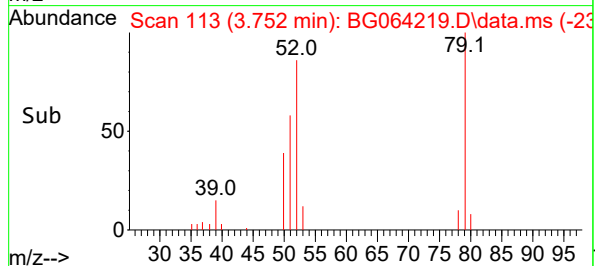
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion: 79 Resp: 8730
Ion Ratio Lower Upper
79 100
52 86.3 86.6 129.8
51 70.3 114.1 171.1

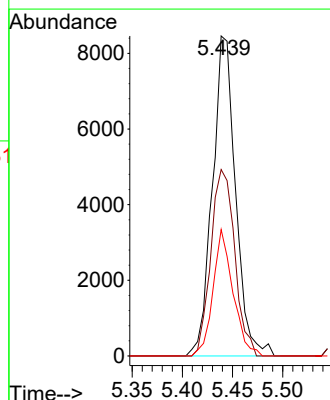
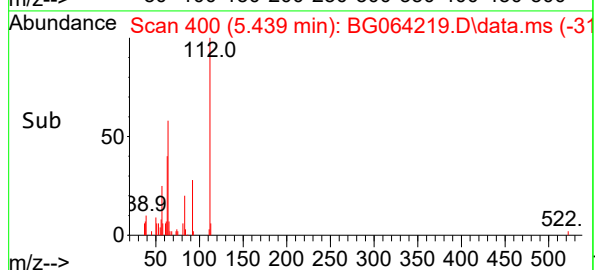
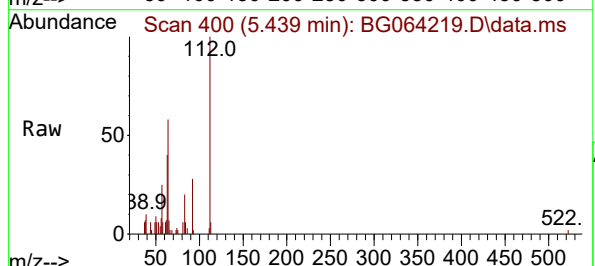
Manual Integrations
APPROVED

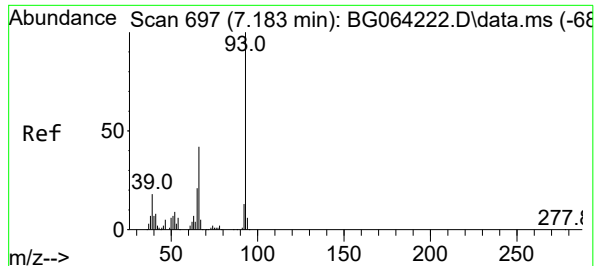
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#5
2-Fluorophenol
Concen: 10.105 ng
RT: 5.439 min Scan# 400
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

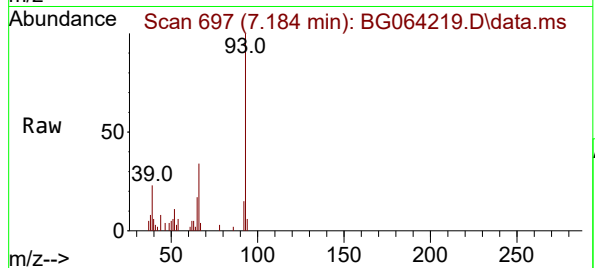
Tgt Ion:112 Resp: 13573
Ion Ratio Lower Upper
112 100
64 58.3 51.8 77.6
63 39.5 30.6 45.8





#6
Aniline
Concen: 4.792 ng
RT: 7.184 min Scan# 697
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

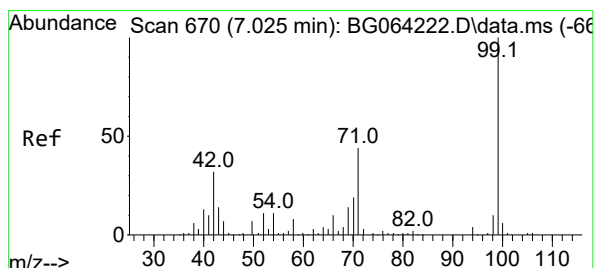
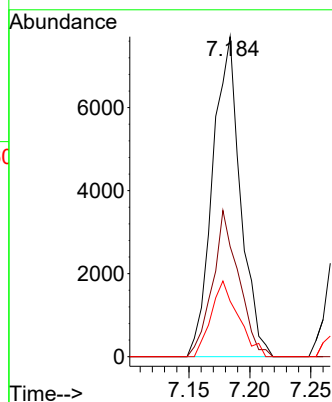
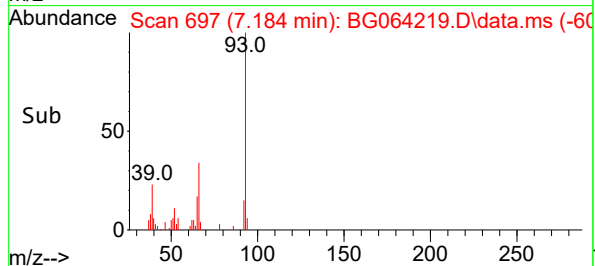
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion: 93 Resp: 12228
Ion Ratio Lower Upper
93 100
66 34.5 33.8 50.8
65 17.4 16.9 25.3

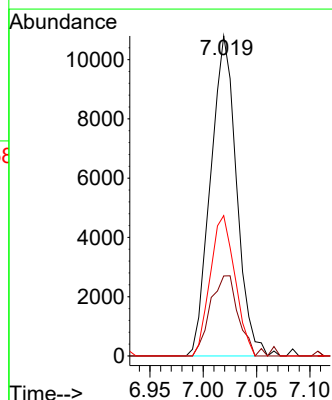
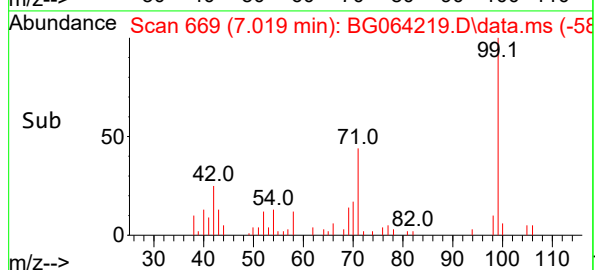
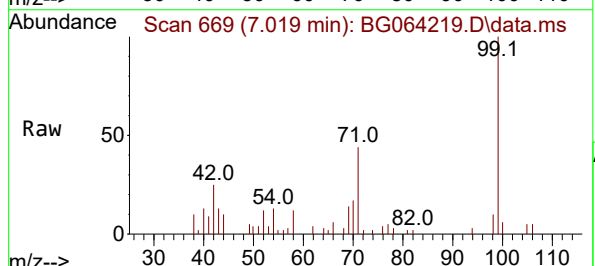
Manual Integrations
APPROVED

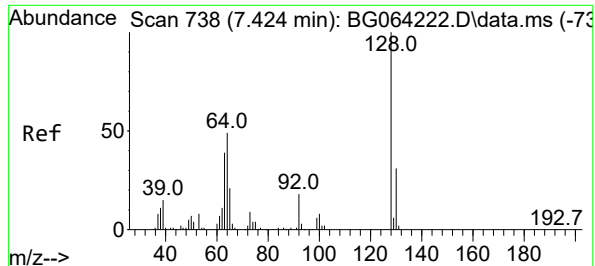
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#7
Phenol-d6
Concen: 9.922 ng
RT: 7.019 min Scan# 669
Delta R.T. -0.011 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion: 99 Resp: 18310
Ion Ratio Lower Upper
99 100
42 25.0 25.8 38.8#
71 43.9 35.2 52.8





#8

2-Chlorophenol

Concen: 4.837 ng

RT: 7.419 min Scan# 71

Delta R.T. -0.006 min

Lab File: BG064219.D

Acq: 28 Aug 2025 11:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

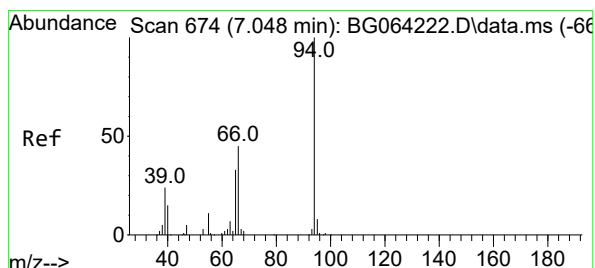
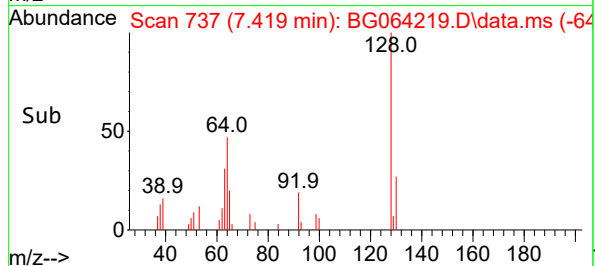
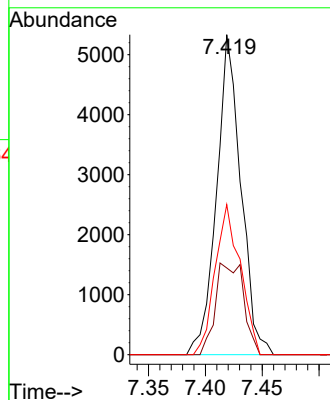
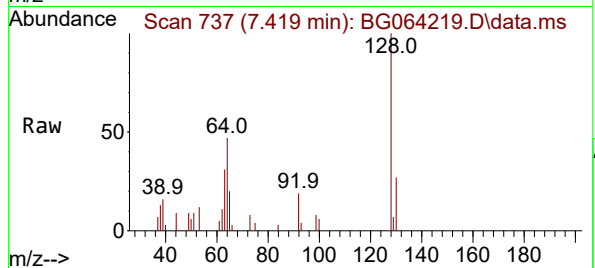
Tgt Ion:	128	Resp:	7939
Ion	Ratio	Lower	Upper
128	100		
130	27.1	10.9	50.9
64	46.9	28.7	68.7

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#10

Phenol

Concen: 4.709 ng

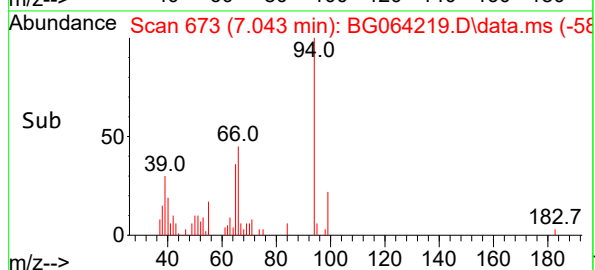
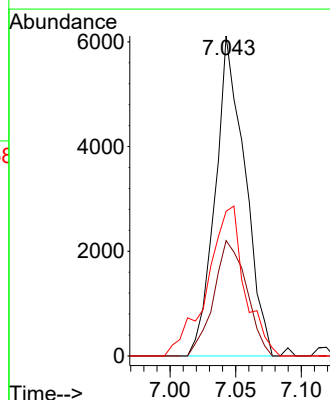
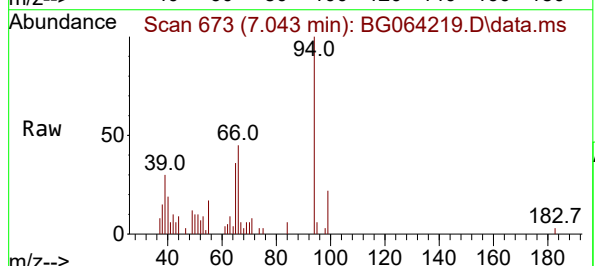
RT: 7.043 min Scan# 673

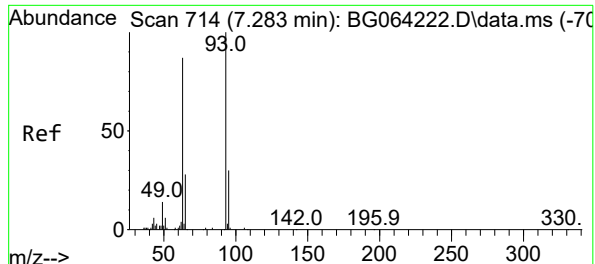
Delta R.T. -0.011 min

Lab File: BG064219.D

Acq: 28 Aug 2025 11:32

Tgt Ion:	94	Resp:	9580
Ion	Ratio	Lower	Upper
94	100		
65	36.0	13.5	53.5
66	45.2	26.2	66.2





#11

bis(2-Chloroethyl)ether

Concen: 4.854 ng

RT: 7.278 min Scan# 714

Delta R.T. -0.006 min

Lab File: BG064219.D

Acq: 28 Aug 2025 11:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Tgt Ion: 93 Resp: 742

Ion Ratio Lower Upper

93 100

63 71.9 66.2 106.2

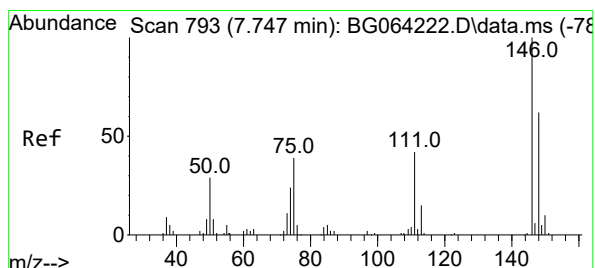
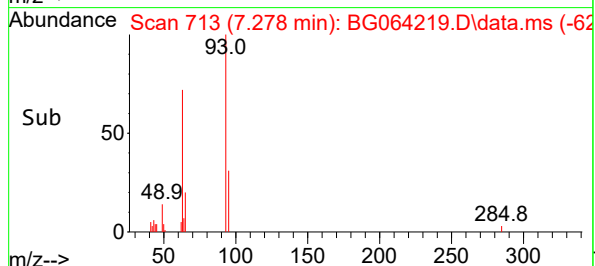
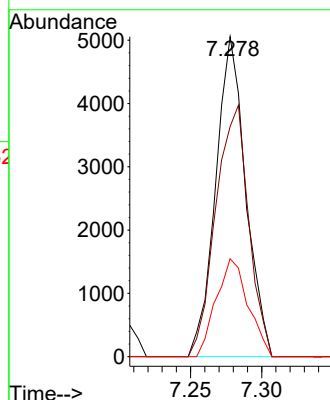
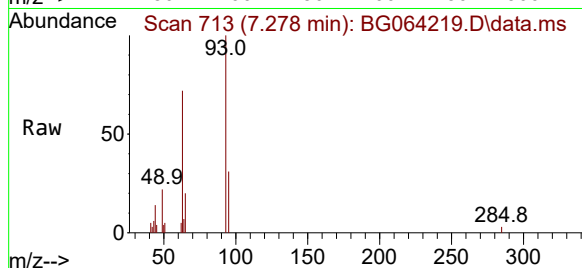
95 30.6 9.8 49.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#12

1,3-Dichlorobenzene

Concen: 5.071 ng m

RT: 7.742 min Scan# 792

Delta R.T. -0.006 min

Lab File: BG064219.D

Acq: 28 Aug 2025 11:32

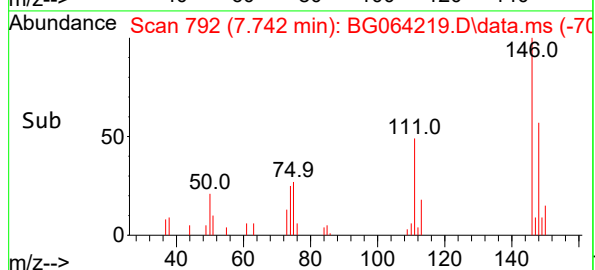
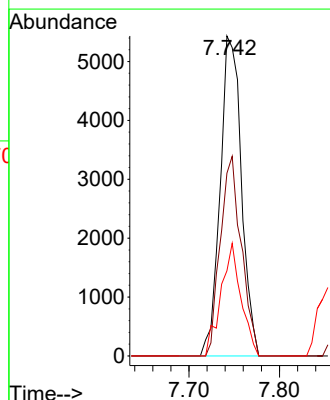
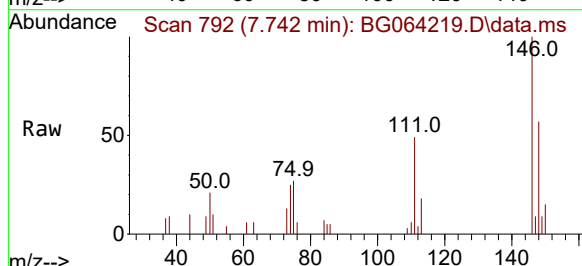
Tgt Ion:146 Resp: 8854

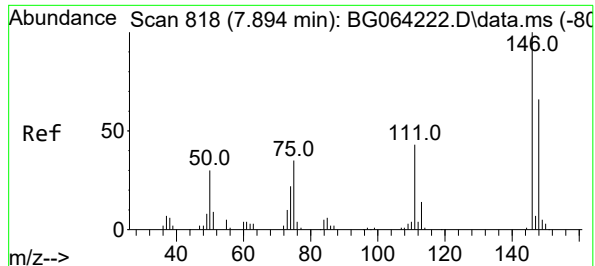
Ion Ratio Lower Upper

146 100

148 57.1 49.6 74.4

75 26.6 31.0 46.6#





#13

1,4-Dichlorobenzene

Concen: 5.124 ng

RT: 7.895 min Scan# 818

Delta R.T. 0.000 min

Lab File: BG064219.D

Acq: 28 Aug 2025 11:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Tgt Ion:146 Resp: 9030

Ion Ratio Lower Upper

146 100

148 59.0 52.8 79.2

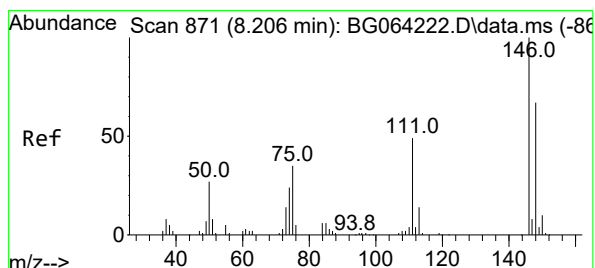
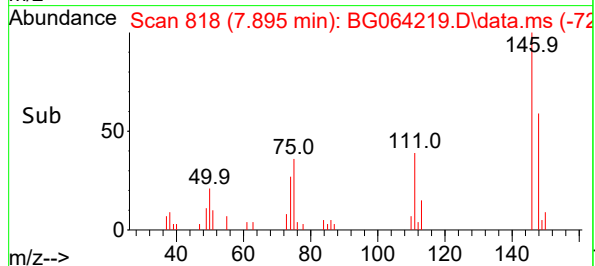
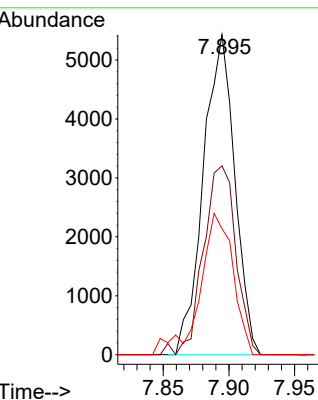
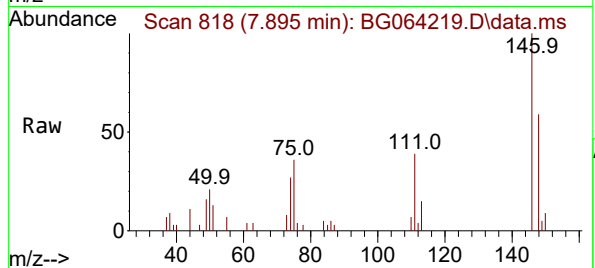
111 39.4 34.1 51.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#14

1,2-Dichlorobenzene

Concen: 4.781 ng

RT: 8.206 min Scan# 871

Delta R.T. -0.006 min

Lab File: BG064219.D

Acq: 28 Aug 2025 11:32

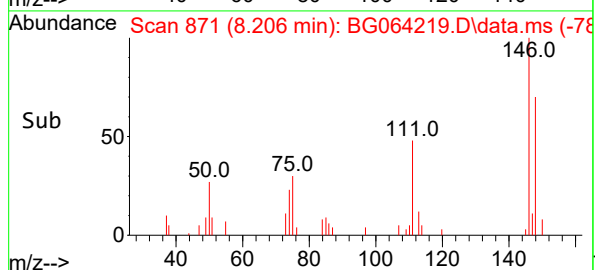
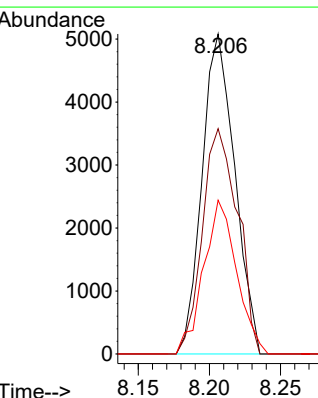
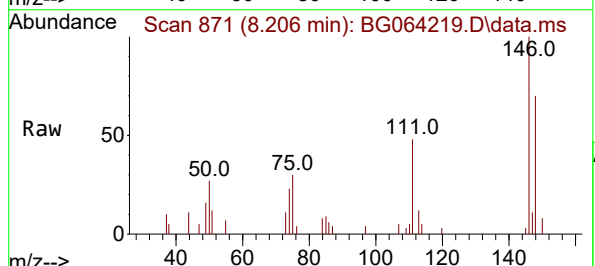
Tgt Ion:146 Resp: 8131

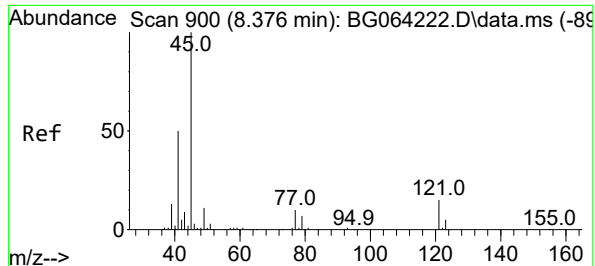
Ion Ratio Lower Upper

146 100

148 70.4 53.4 80.0

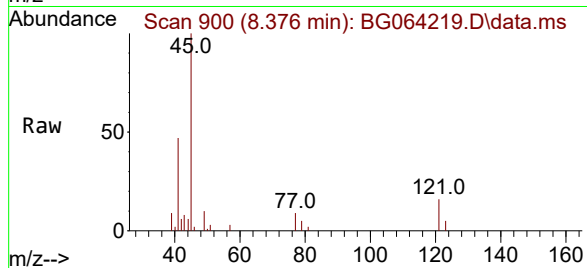
111 48.1 39.1 58.7





#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.045 ng
RT: 8.376 min Scan# 900
Delta R.T. 0.000 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

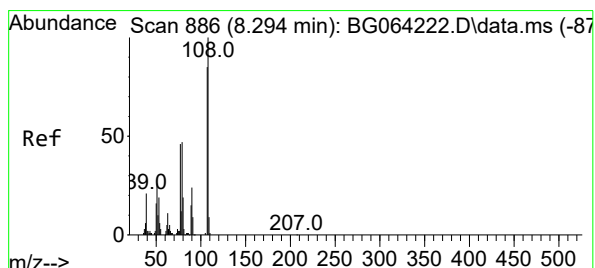
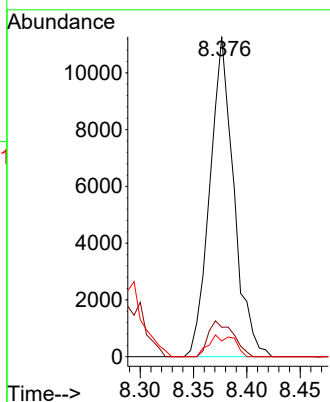
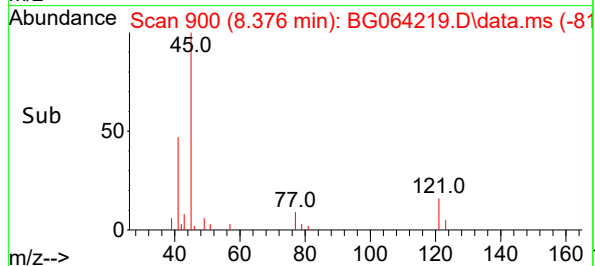
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion: 45 Resp: 17609
Ion Ratio Lower Upper
45 100
77 9.2 0.0 30.0
79 4.9 0.0 27.9

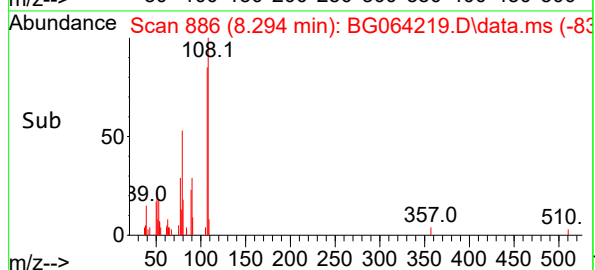
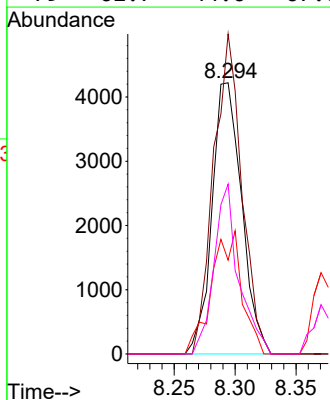
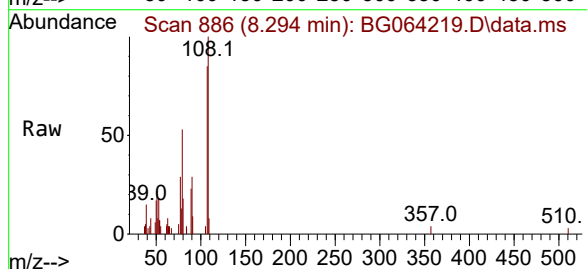
Manual Integrations
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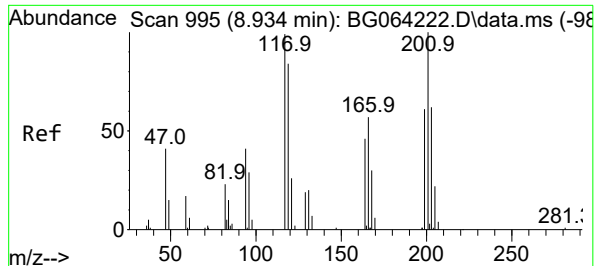
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#17
2-Methylphenol
Concen: 4.719 ng
RT: 8.294 min Scan# 886
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

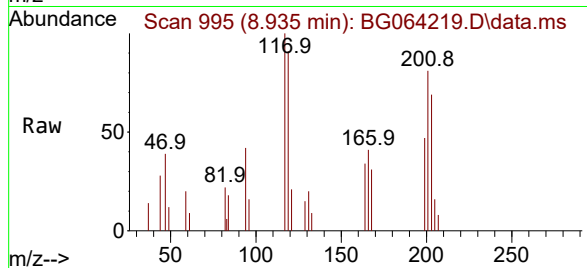
Tgt Ion:107 Resp: 7155
Ion Ratio Lower Upper
107 100
108 118.0 94.6 141.8
77 34.6 43.7 65.5#
79 62.7 44.6 67.0





#18
Hexachloroethane
Concen: 4.861 ng
RT: 8.935 min Scan# 995
Delta R.T. 0.000 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

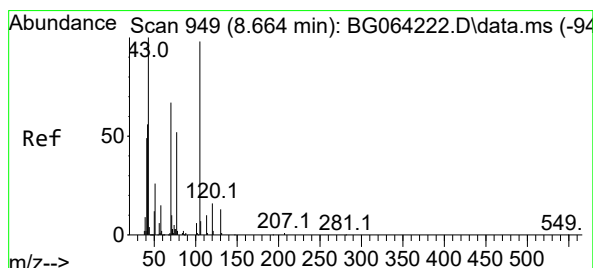
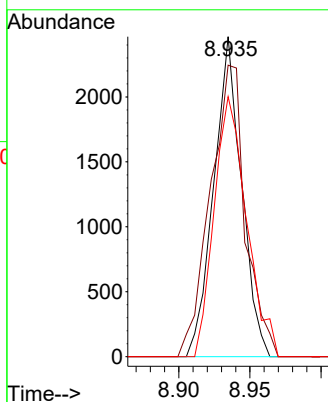
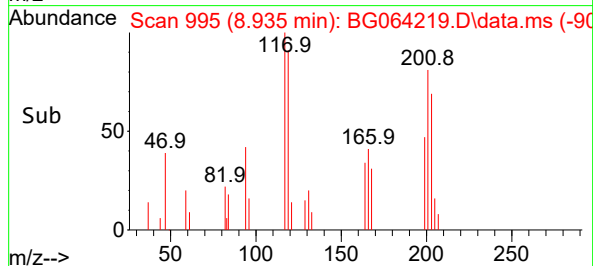
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:117 Resp: 334
Ion Ratio Lower Upper
117 100
119 91.1 67.9 101.9
201 81.3 80.5 120.7

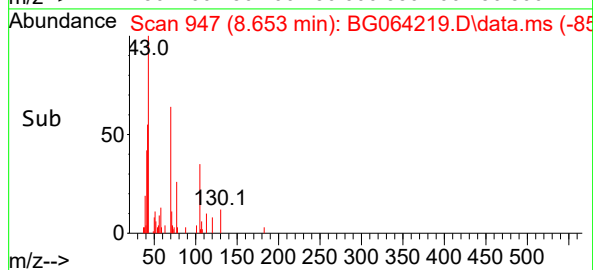
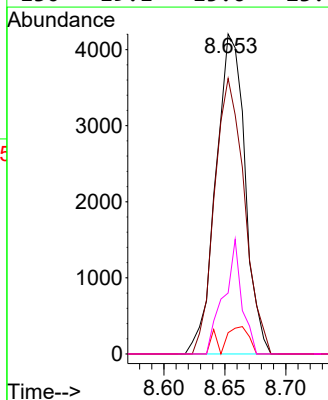
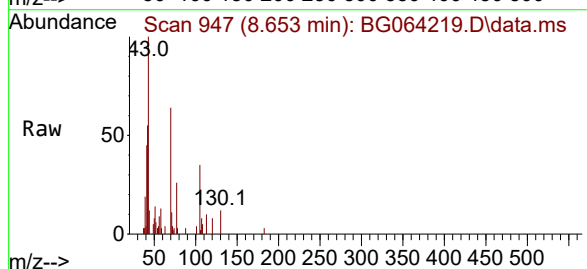
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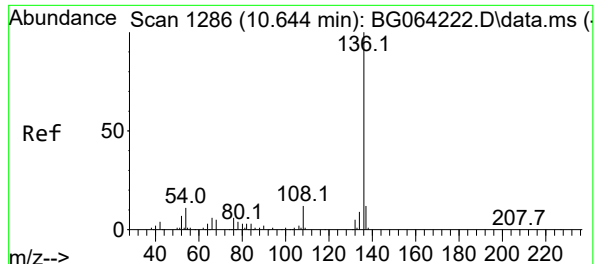
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#19
n-Nitroso-di-n-propylamine
Concen: 4.957 ng
RT: 8.653 min Scan# 947
Delta R.T. -0.011 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

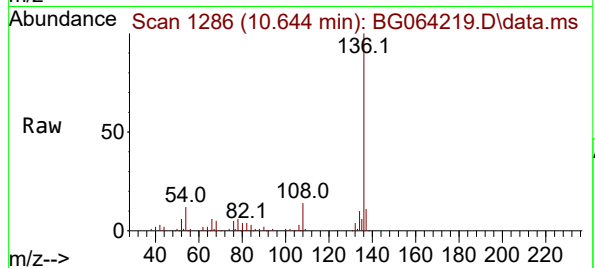
Tgt Ion: 70 Resp: 7001
Ion Ratio Lower Upper
70 100
42 86.1 67.9 101.9
101 6.7 7.3 10.9#
130 19.1 15.6 23.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.644 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

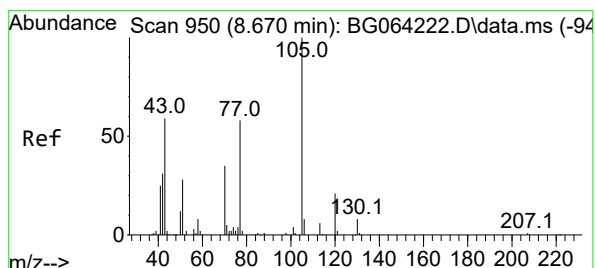
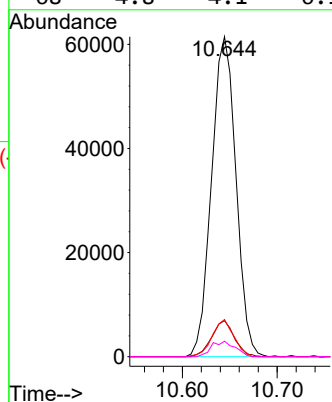
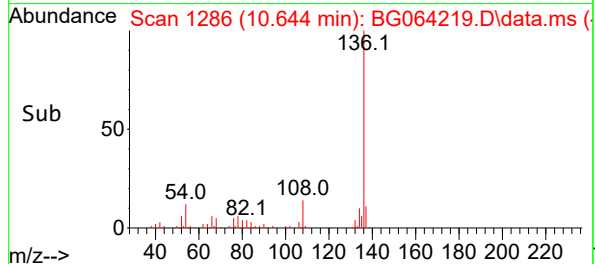
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:136 Resp: 109950
Ion Ratio Lower Upper
136 100
137 11.2 9.6 14.4
54 11.6 8.8 13.2
68 4.8 4.1 6.1

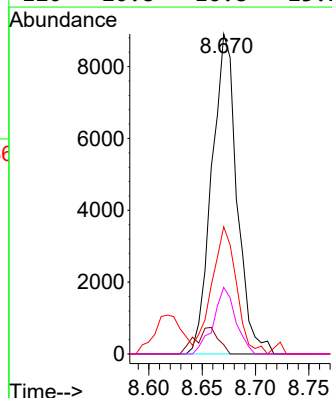
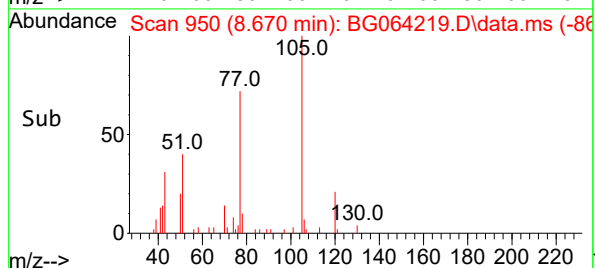
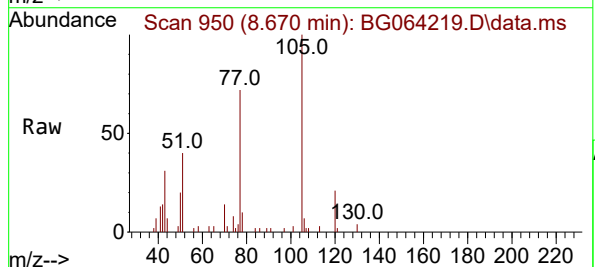
Manual Integrations
APPROVED

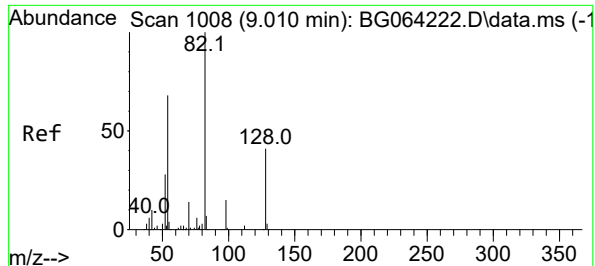
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#22
Acetophenone
Concen: 5.263 ng
RT: 8.670 min Scan# 950
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:105 Resp: 14639
Ion Ratio Lower Upper
105 100
71 2.9 4.3 6.5#
51 39.7 32.4 48.6
120 20.8 16.8 25.2





#23

Nitrobenzene-d5

Concen: 9.518 ng

RT: 9.005 min Scan# 1007

Delta R.T. -0.011 min

Lab File: BG064219.D

Acq: 28 Aug 2025 11:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Tgt Ion: 82 Resp: 18764

Ion Ratio Lower Upper

82 100

128 38.5 32.6 48.8

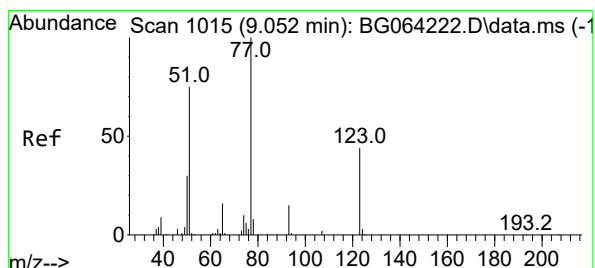
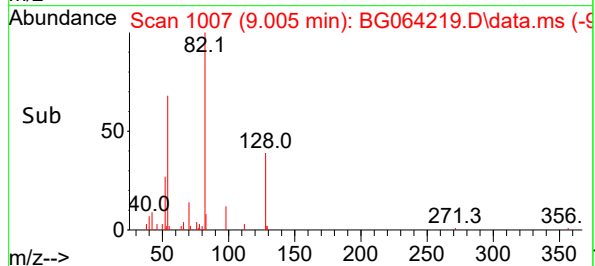
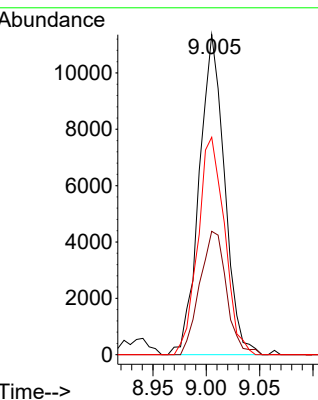
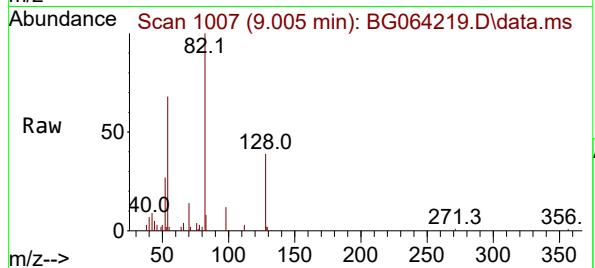
54 67.9 54.7 82.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#24

Nitrobenzene

Concen: 4.723 ng

RT: 9.046 min Scan# 1014

Delta R.T. -0.011 min

Lab File: BG064219.D

Acq: 28 Aug 2025 11:32

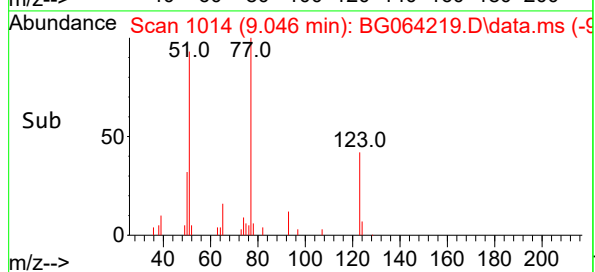
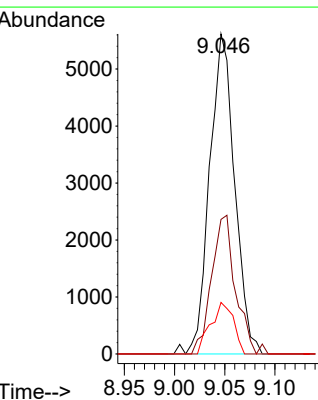
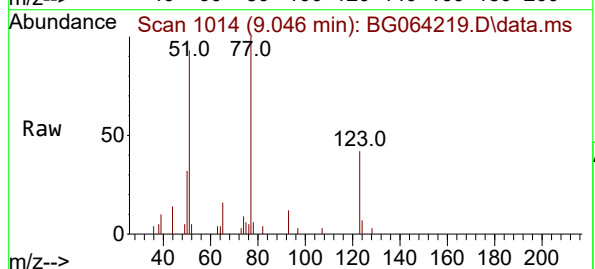
Tgt Ion: 77 Resp: 9728

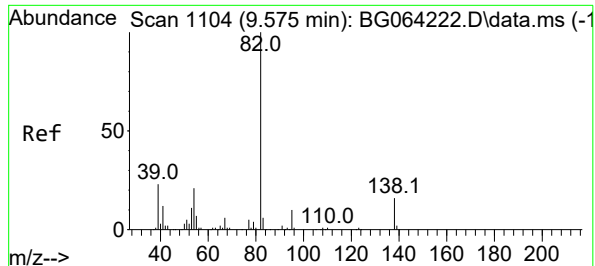
Ion Ratio Lower Upper

77 100

123 42.1 35.2 52.8

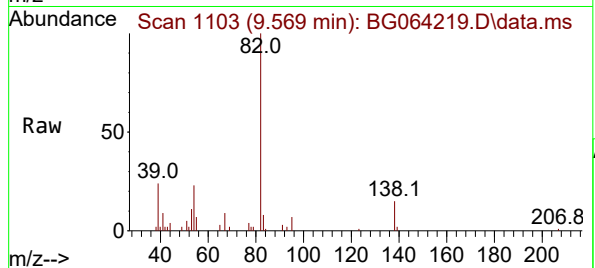
65 16.1 12.6 19.0





#25
Isophorone
Concen: 5.023 ng
RT: 9.569 min Scan# 1103
Delta R.T. -0.017 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

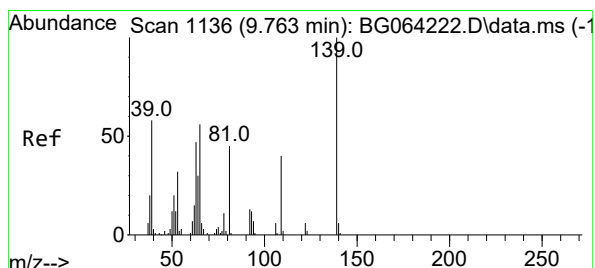
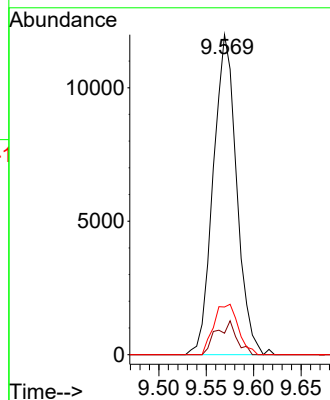
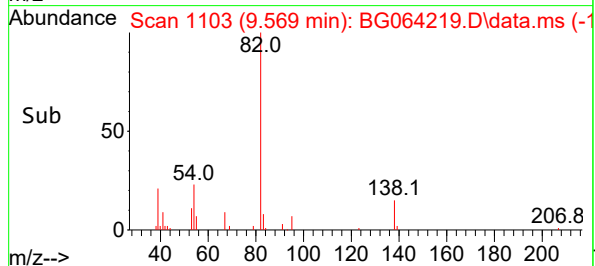
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion: 82 Resp: 20579
Ion Ratio Lower Upper
82 100
95 6.7 7.9 11.9
138 14.9 13.0 19.4

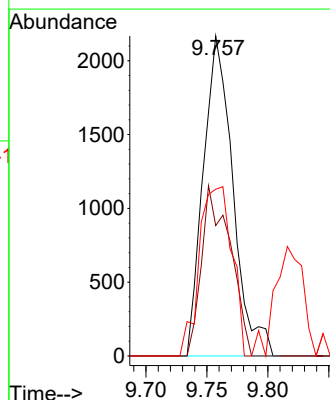
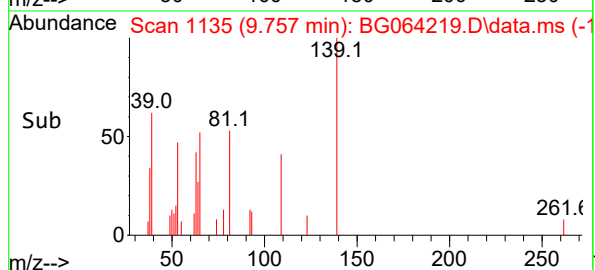
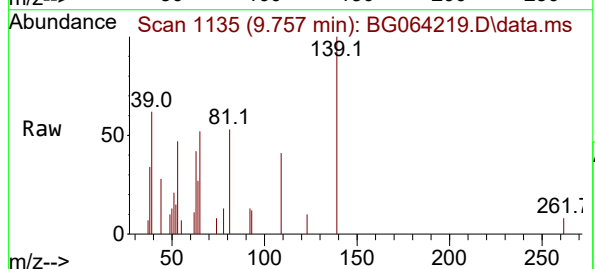
Manual Integrations
APPROVED

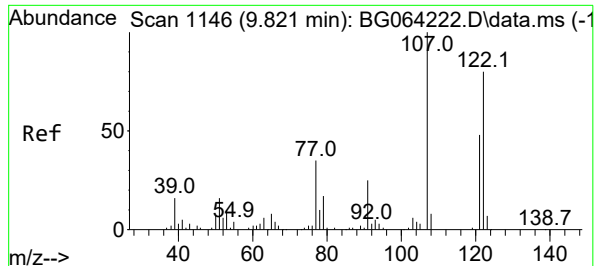
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#26
2-Nitrophenol
Concen: 4.121 ng
RT: 9.757 min Scan# 1135
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:139 Resp: 3668
Ion Ratio Lower Upper
139 100
109 40.8 32.4 48.6
65 52.1 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 4.843 ng

RT: 9.816 min Scan# 1146

Delta R.T. -0.011 min

Lab File: BG064219.D

Acq: 28 Aug 2025 11:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

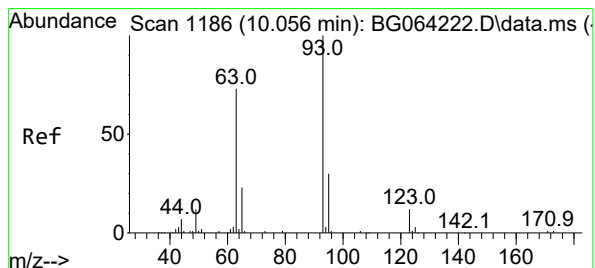
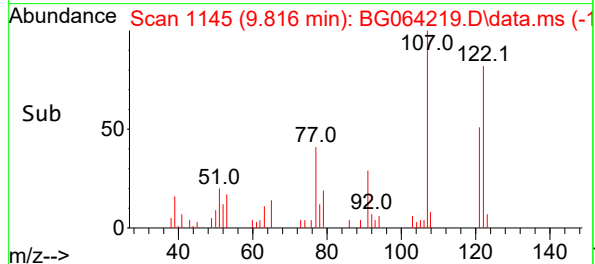
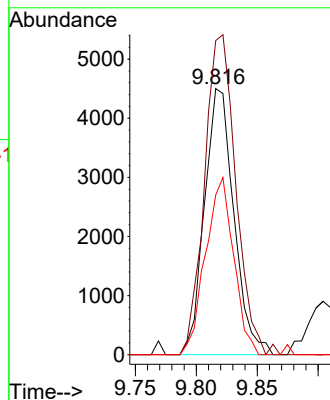
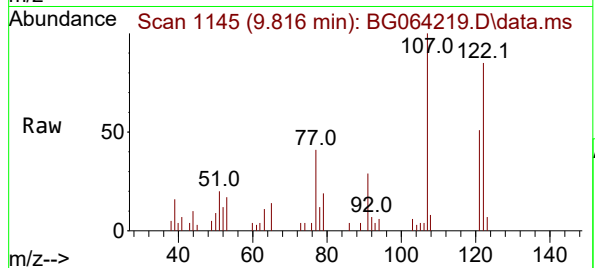
Tgt Ion	Ratio	Lower	Upper
122	100		
107	118.0	99.9	149.9
121	60.0	48.6	72.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#28

bis(2-Chloroethoxy)methane

Concen: 4.927 ng

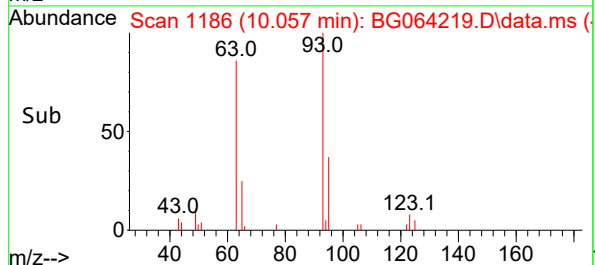
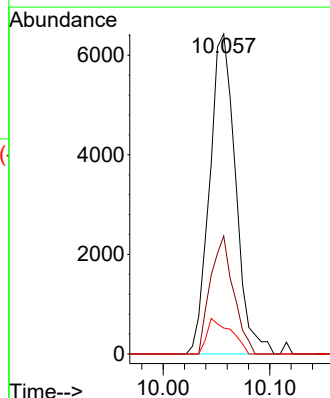
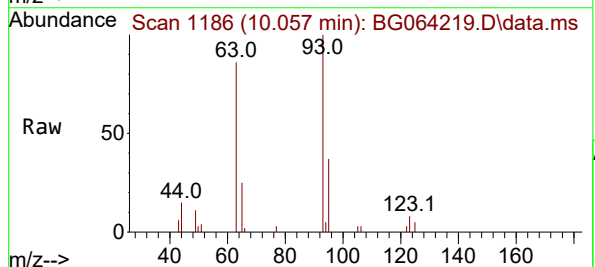
RT: 10.057 min Scan# 1186

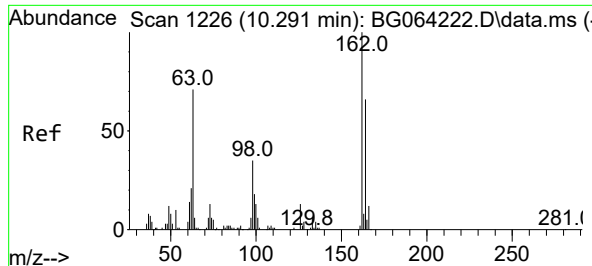
Delta R.T. -0.006 min

Lab File: BG064219.D

Acq: 28 Aug 2025 11:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	36.8	23.9	35.9#
123	8.1	9.6	14.4#





#29

2,4-Dichlorophenol

Concen: 4.819 ng

RT: 10.292 min Scan# 1226

Delta R.T. -0.006 min

Lab File: BG064219.D

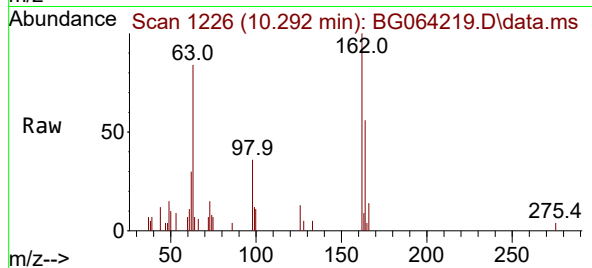
Acq: 28 Aug 2025 11:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC005



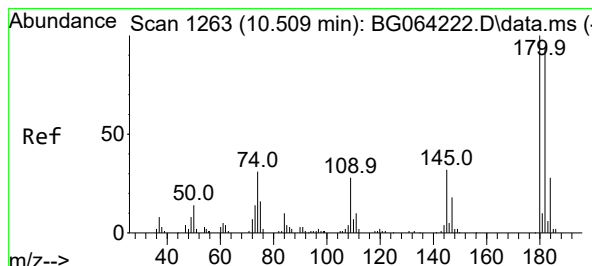
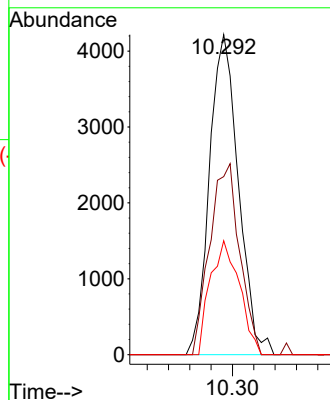
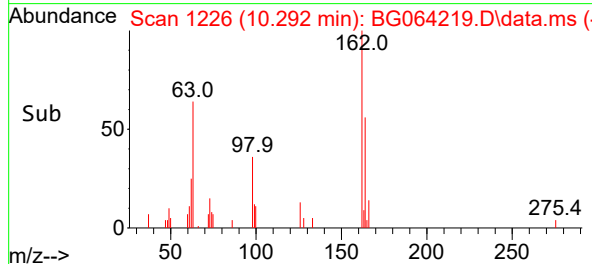
Tgt Ion:	162	Resp:	794
Ion Ratio	Lower	Upper	
162	100		
164	55.7	45.8	85.8
98	35.6	15.2	55.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#30

1,2,4-Trichlorobenzene

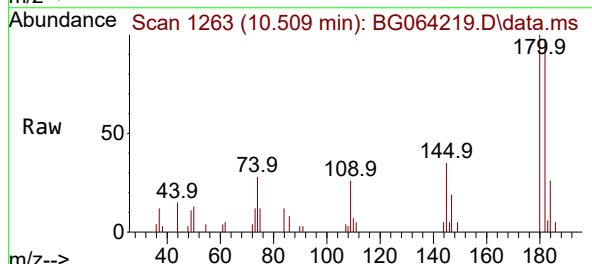
Concen: 5.255 ng

RT: 10.509 min Scan# 1263

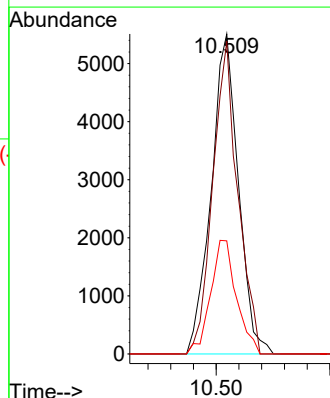
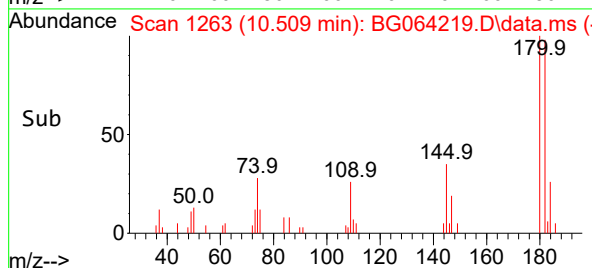
Delta R.T. 0.000 min

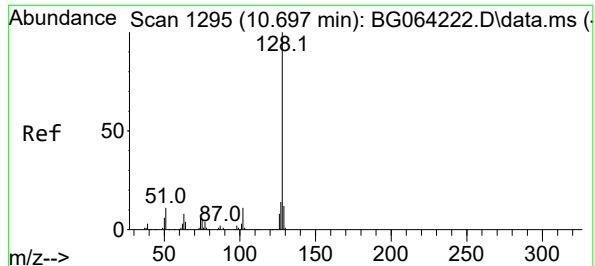
Lab File: BG064219.D

Acq: 28 Aug 2025 11:32



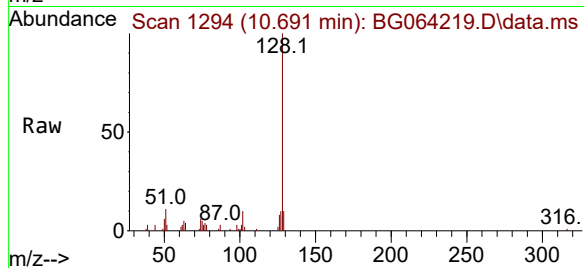
Tgt Ion:	180	Resp:	9136
Ion Ratio	Lower	Upper	
180	100		
182	97.7	75.0	112.6
145	35.4	25.4	38.0





#31
Naphthalene
Concen: 5.322 ng
RT: 10.691 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

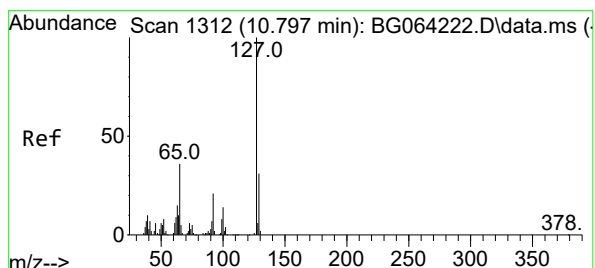
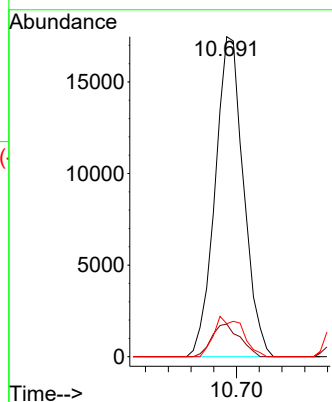
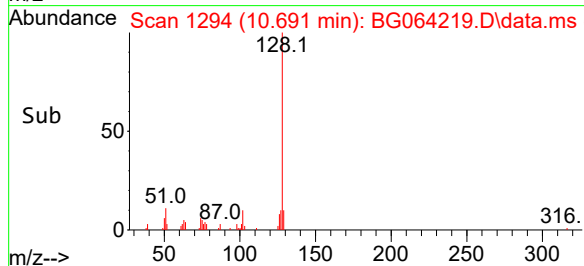
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



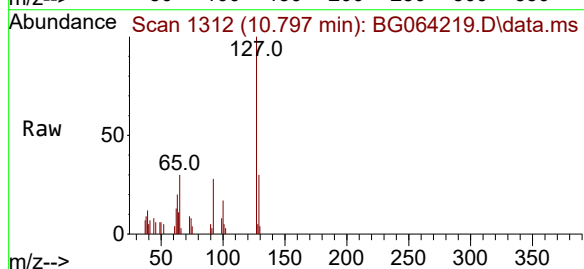
Tgt Ion:128 Resp: 3034
Ion Ratio Lower Upper
128 100
129 10.2 9.4 14.2
127 10.3 10.9 16.3

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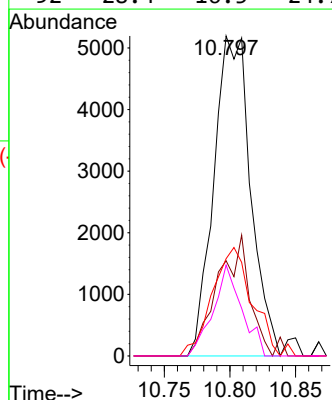
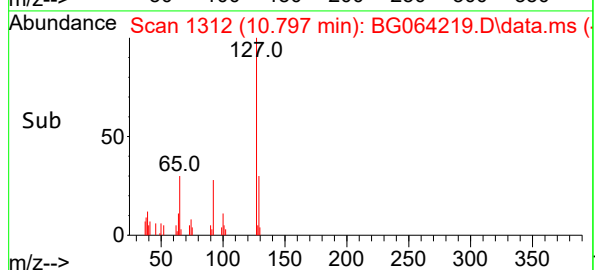
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

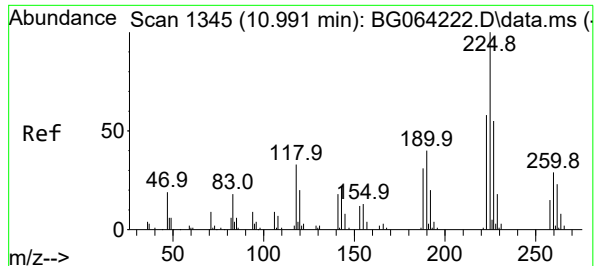


#33
4-Chloroaniline
Concen: 4.589 ng
RT: 10.797 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32



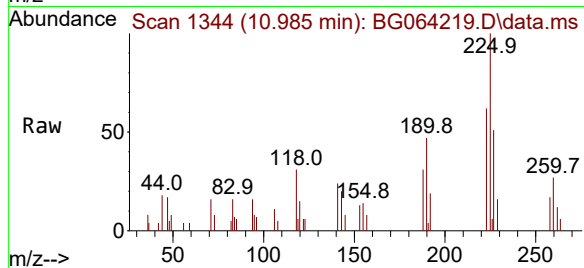
Tgt Ion:127 Resp: 10141
Ion Ratio Lower Upper
127 100
129 33.7 25.0 37.4
65 30.4 28.7 43.1
92 28.4 16.5 24.7#





#34
Hexachlorobutadiene
Concen: 5.185 ng
RT: 10.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

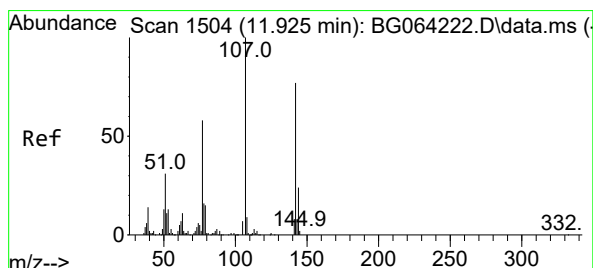
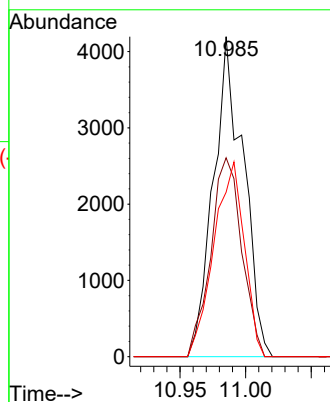
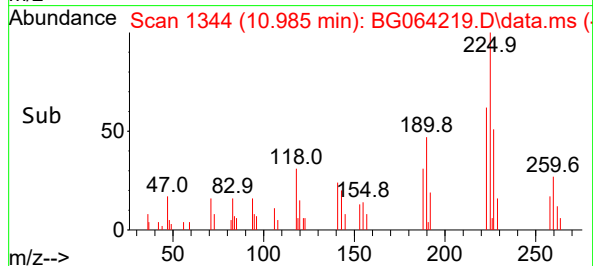
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



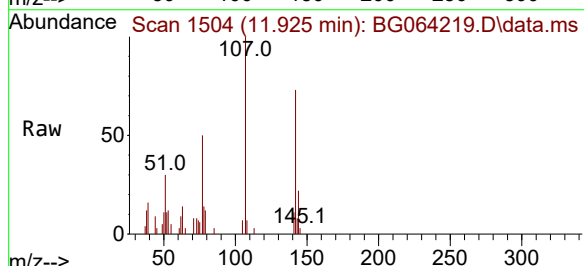
Tgt Ion:225 Resp: 666
Ion Ratio Lower Upper
225 100
223 62.2 46.5 69.7
227 51.4 44.1 66.1

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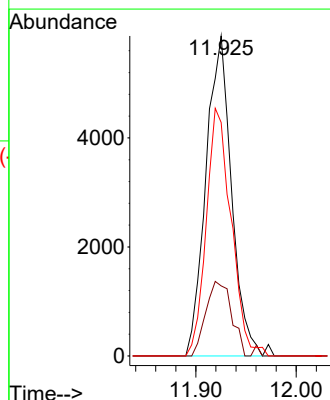
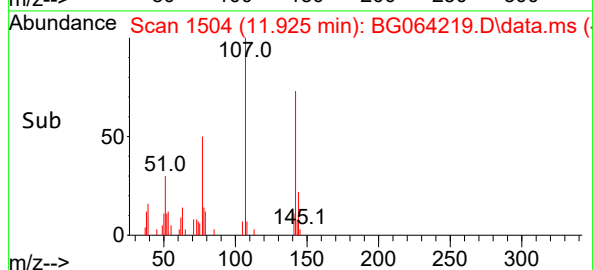
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

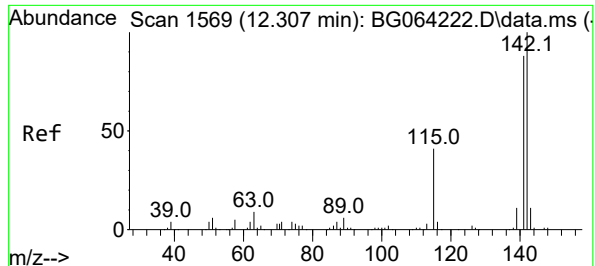


#36
4-Chloro-3-methylphenol
Concen: 4.887 ng
RT: 11.925 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32



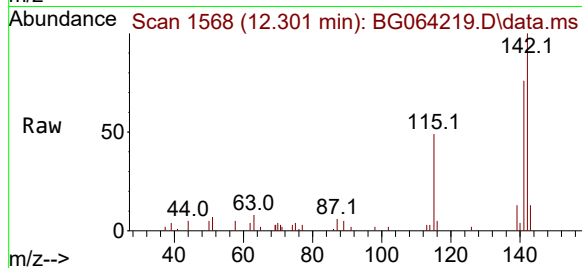
Tgt Ion:107 Resp: 10455
Ion Ratio Lower Upper
107 100
144 21.9 19.5 29.3
142 73.0 62.0 93.0





#37
2-Methylnaphthalene
Concen: 4.980 ng
RT: 12.301 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

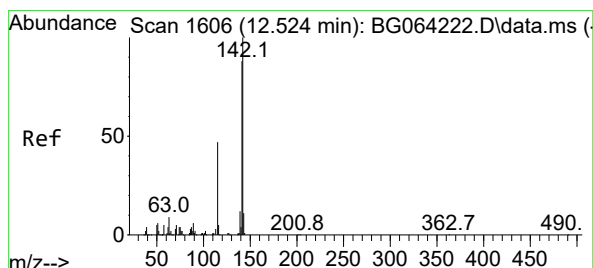
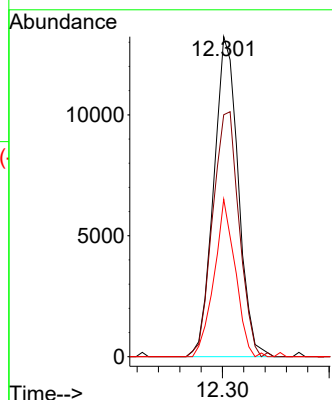
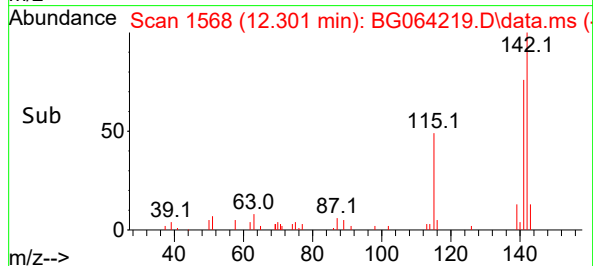
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:142 Resp: 2110
Ion Ratio Lower Upper
142 100
141 75.6 70.1 105.1
115 49.2 33.1 49.7

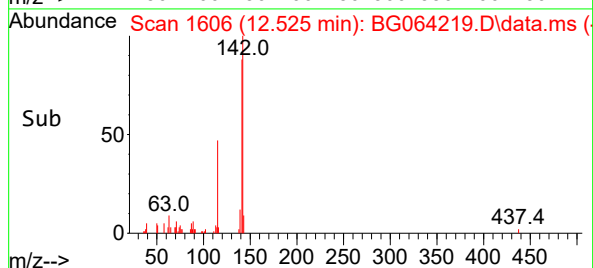
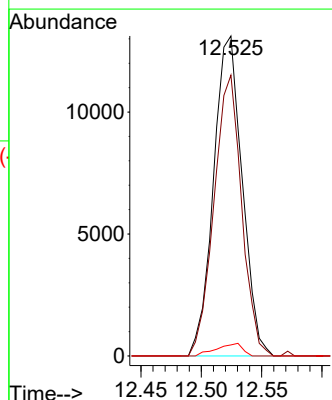
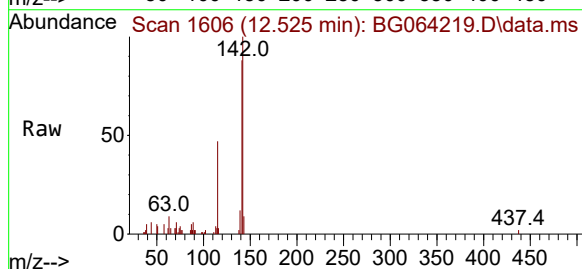
Manual Integrations
APPROVED

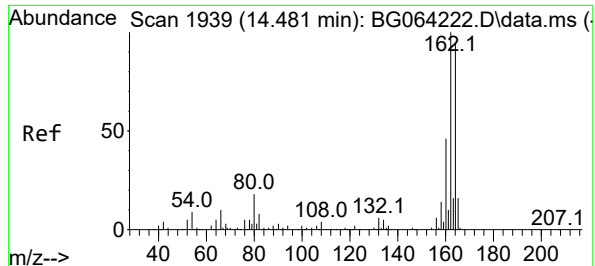
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#38
1-Methylnaphthalene
Concen: 5.175 ng m
RT: 12.525 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:142 Resp: 21661
Ion Ratio Lower Upper
142 100
141 87.8 70.3 105.5
116 3.4 3.7 5.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.481 min Scan# 1939

Delta R.T. 0.000 min

Lab File: BG064219.D

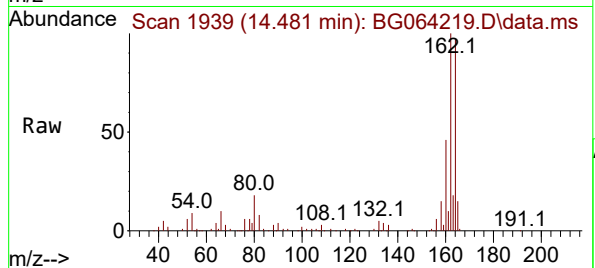
Acq: 28 Aug 2025 11:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC005



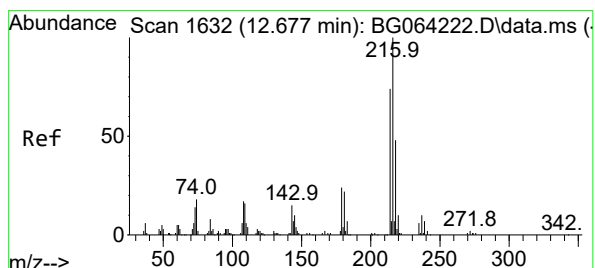
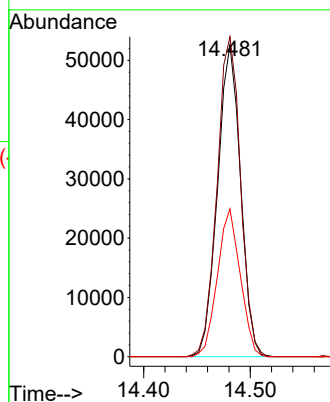
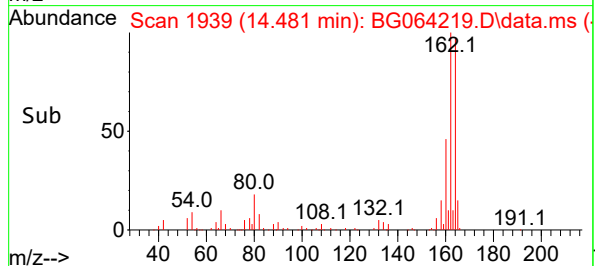
Tgt Ion:	164	Resp:	7859
Ion	Ratio	Lower	Upper
164	100		
162	102.6	85.4	128.0
160	47.4	39.2	58.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#40

1,2,4,5-Tetrachlorobenzene

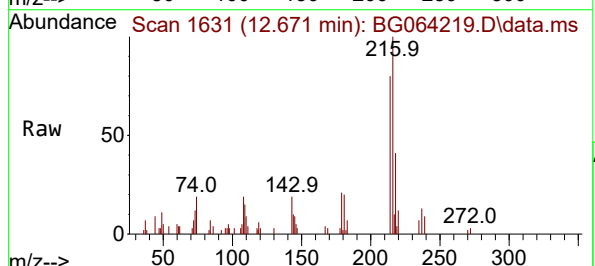
Concen: 4.797 ng

RT: 12.671 min Scan# 1631

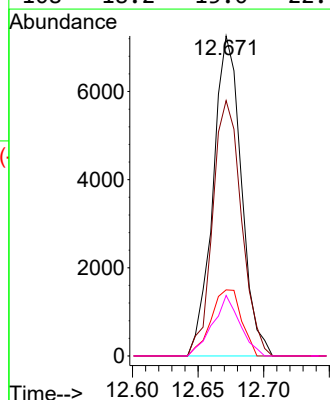
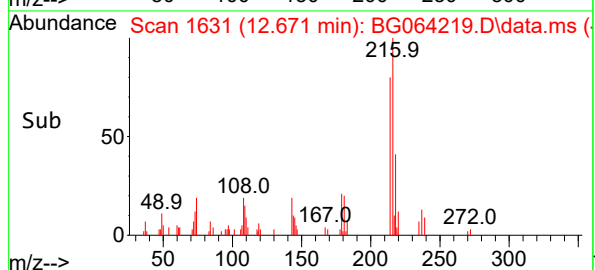
Delta R.T. -0.006 min

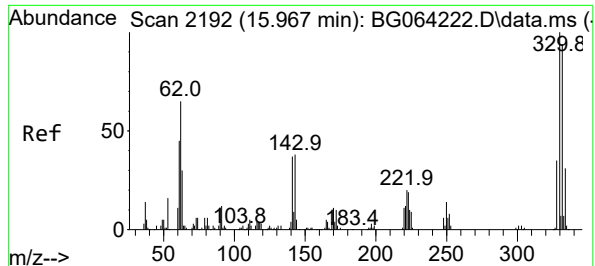
Lab File: BG064219.D

Acq: 28 Aug 2025 11:32



Tgt Ion:	216	Resp:	10879
Ion	Ratio	Lower	Upper
216	100		
214	81.3	61.9	92.9
179	22.3	17.9	26.9
108	18.2	15.0	22.4





#42
2,4,6-Tribromophenol
Concen: 10.605 ng
RT: 15.962 min Scan# 2192
Delta R.T. -0.011 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Instrument :

BNA_G

ClientSampleId :

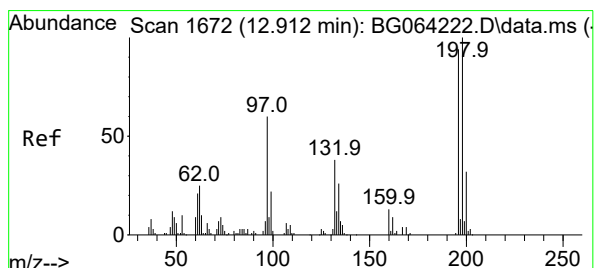
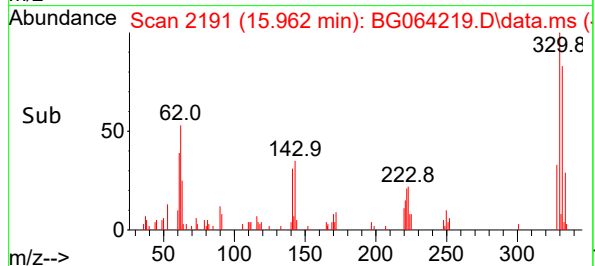
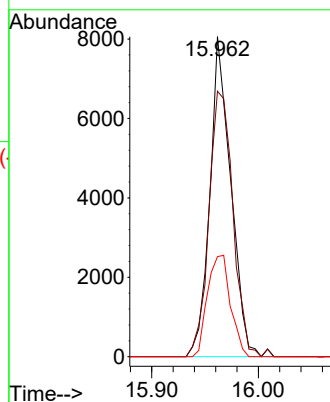
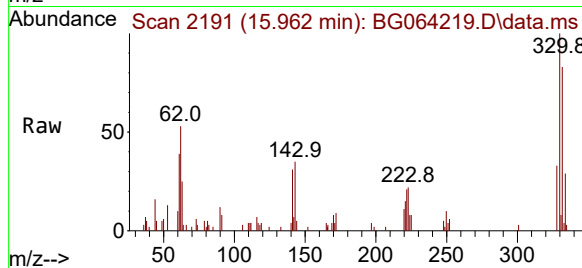
SSTDICC005

Tgt Ion:330 Resp: 11040
Ion Ratio Lower Upper
330 100
332 94.5 77.6 116.4
141 34.6 29.8 44.6

Manual Integrations

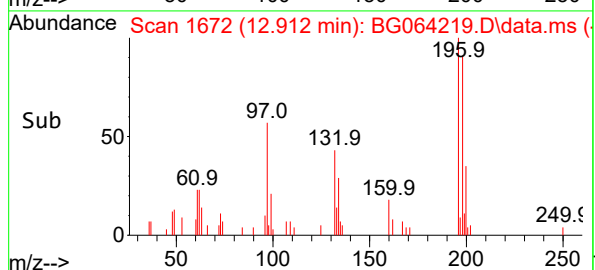
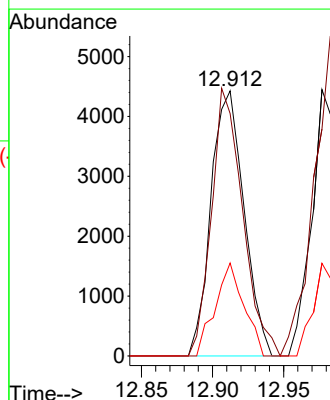
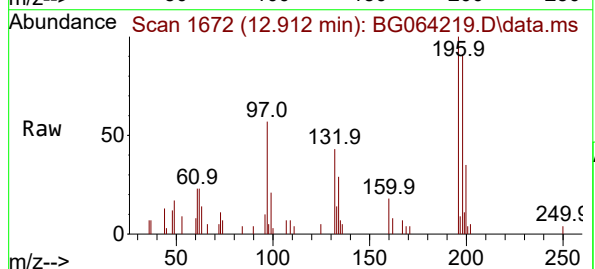
APPROVED

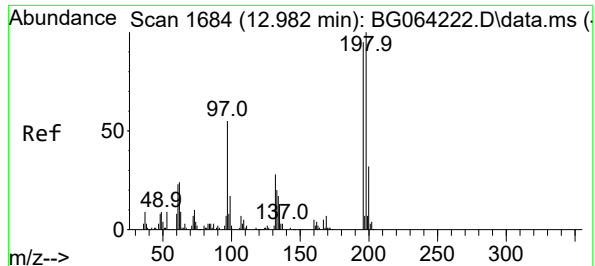
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#43
2,4,6-Trichlorophenol
Concen: 4.721 ng
RT: 12.912 min Scan# 1672
Delta R.T. 0.000 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

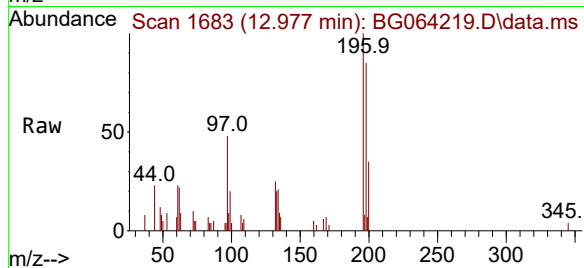
Tgt Ion:196 Resp: 7156
Ion Ratio Lower Upper
196 100
198 91.4 85.4 128.2
200 39.0 27.3 40.9





#44
2,4,5-Trichlorophenol
Concen: 4.622 ng
RT: 12.977 min Scan# 1683
Delta R.T. -0.011 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

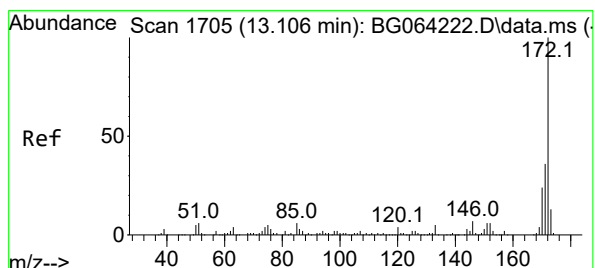
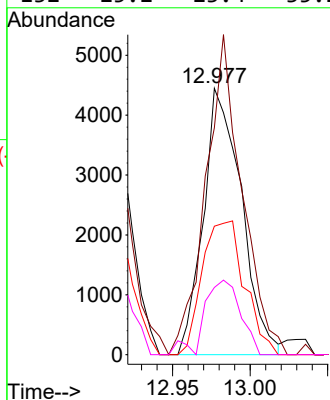
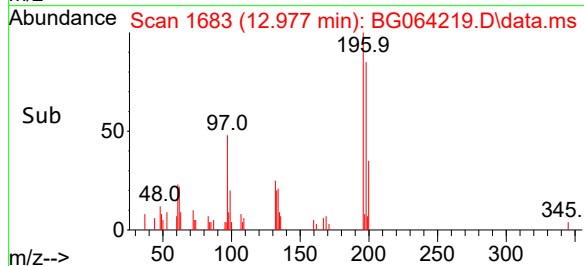
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:196 Resp: 7600
Ion Ratio Lower Upper
196 100
198 85.2 84.5 126.7
97 48.3 46.8 70.2
132 25.2 23.4 35.2

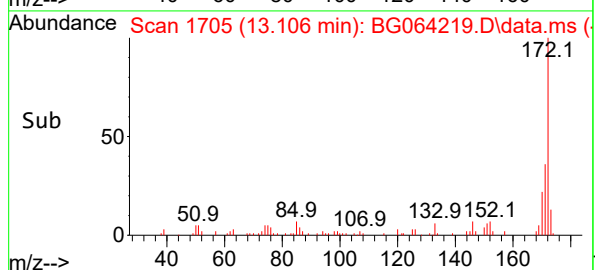
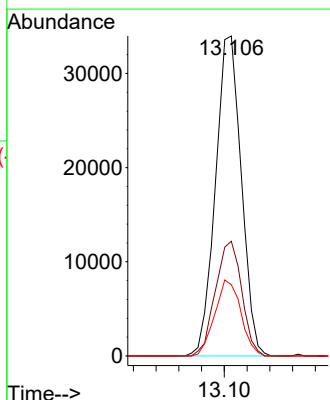
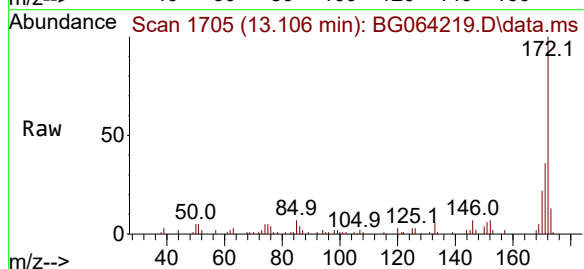
Manual Integrations
APPROVED

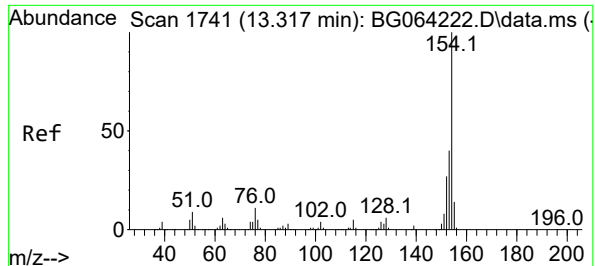
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#45
2-Fluorobiphenyl
Concen: 10.409 ng
RT: 13.106 min Scan# 1705
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

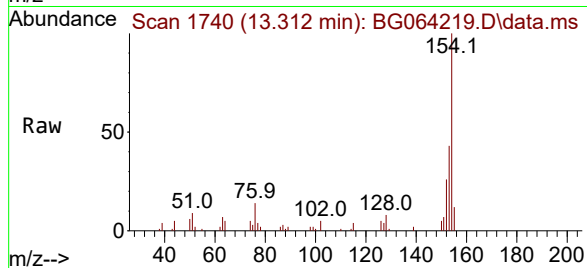
Tgt Ion:172 Resp: 53596
Ion Ratio Lower Upper
172 100
171 35.8 28.7 43.1
170 22.3 19.0 28.6





#46
1,1'-Biphenyl
Concen: 5.009 ng
RT: 13.312 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

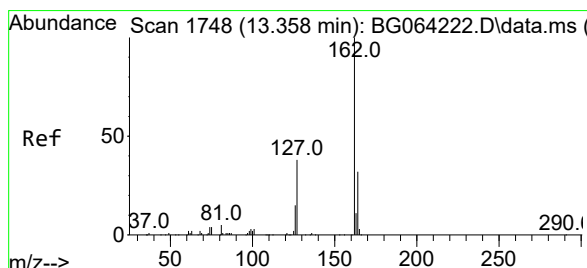
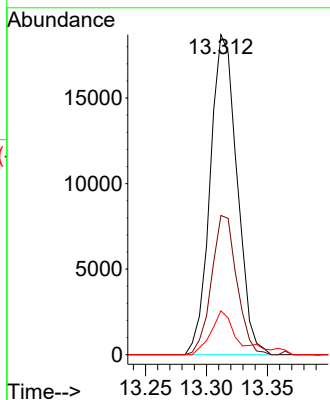
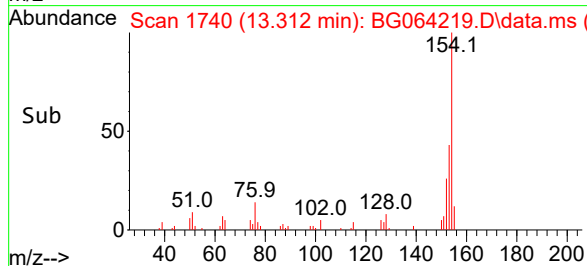
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



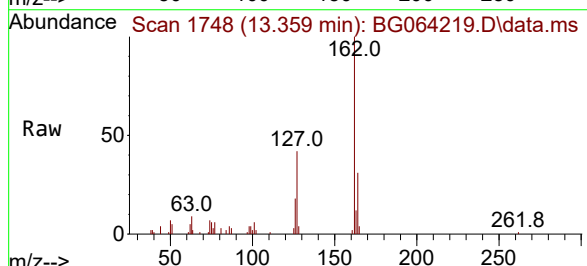
Tgt Ion:154 Resp: 28672
Ion Ratio Lower Upper
154 100
153 43.5 19.9 59.9
76 13.7 0.0 30.9

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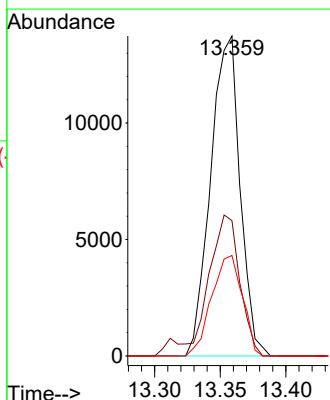
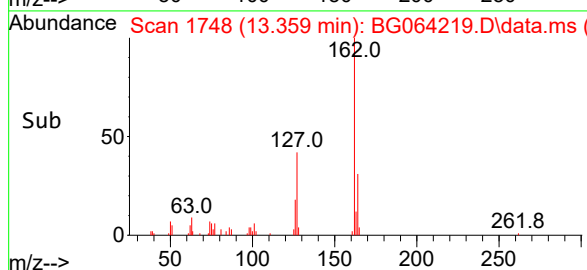
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

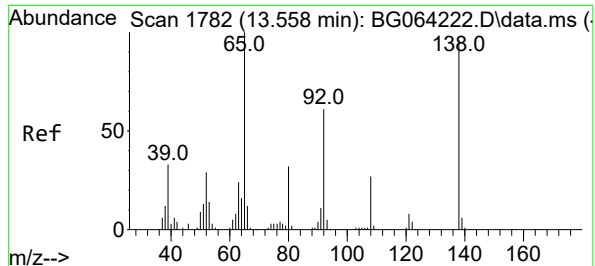


#47
2-Chloronaphthalene
Concen: 4.975 ng
RT: 13.359 min Scan# 1748
Delta R.T. 0.000 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32



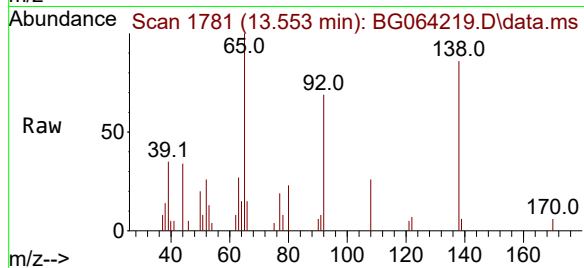
Tgt Ion:162 Resp: 21411
Ion Ratio Lower Upper
162 100
127 42.3 33.9 50.9
164 31.4 25.4 38.2





#48
2-Nitroaniline
Concen: 4.063 ng
RT: 13.553 min Scan# 1781
Delta R.T. -0.011 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

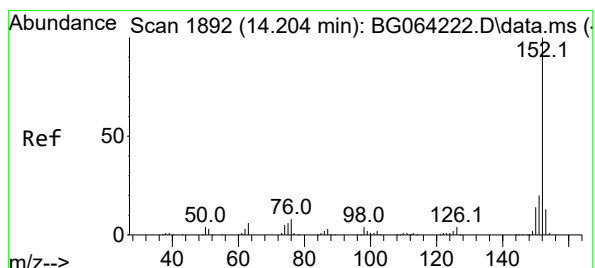
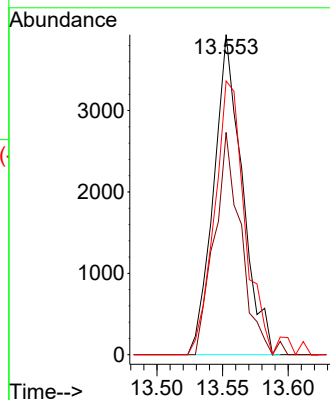
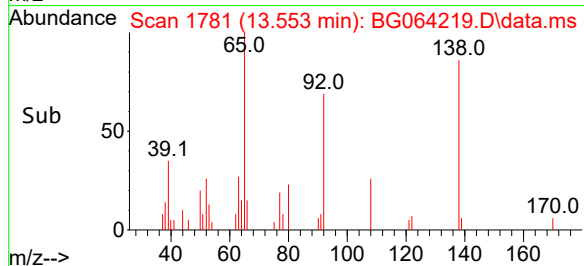
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



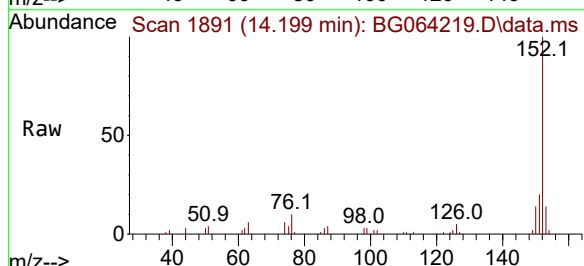
Tgt Ion: 65 Resp: 5960
Ion Ratio Lower Upper
65 100
92 69.5 49.2 73.8
138 85.6 76.8 115.2

Manual Integrations
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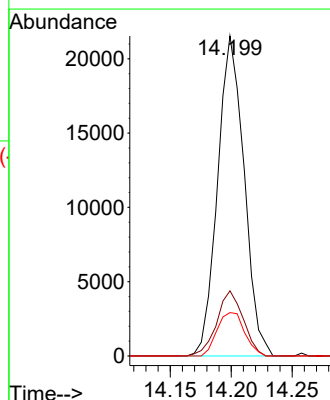
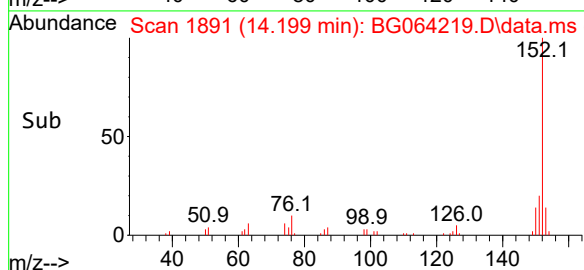
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

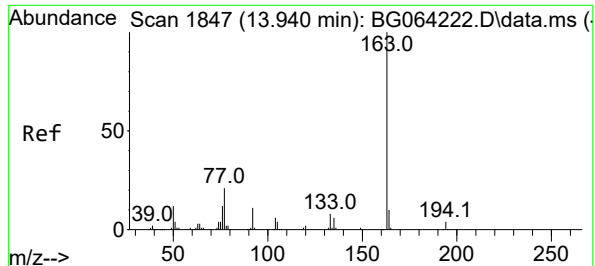


#49
Acenaphthylene
Concen: 5.116 ng
RT: 14.199 min Scan# 1891
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32



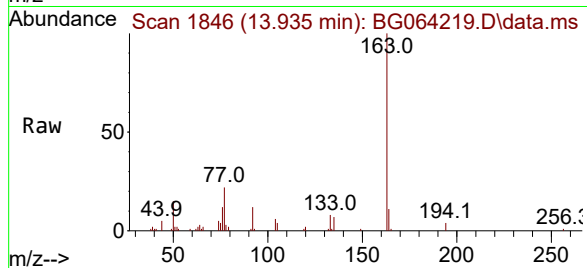
Tgt Ion:152 Resp: 32547
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 13.6 10.1 15.1





#50
Dimethylphthalate
Concen: 5.523 ng
RT: 13.935 min Scan# 1846
Delta R.T. -0.011 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

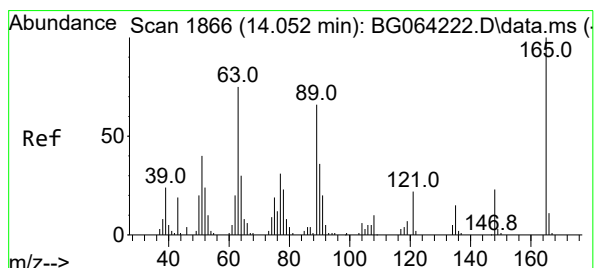
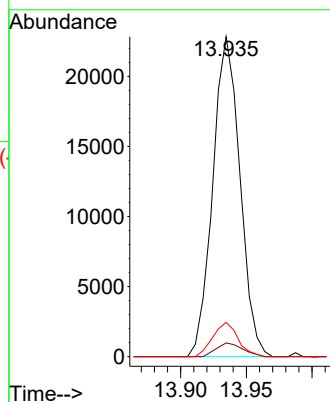
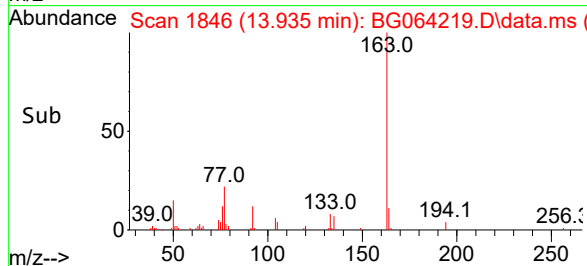
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



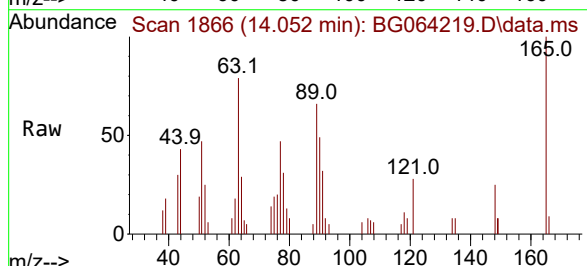
Tgt Ion:163 Resp: 3285
Ion Ratio Lower Upper
163 100
194 4.3 3.0 4.4
164 10.7 7.9 11.9

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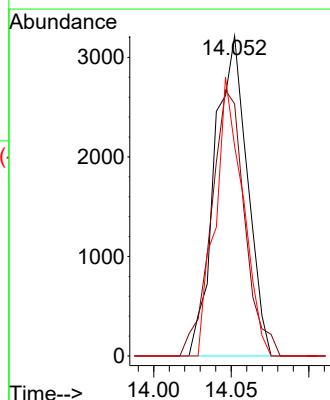
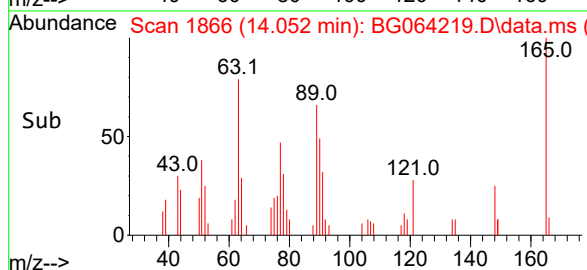
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

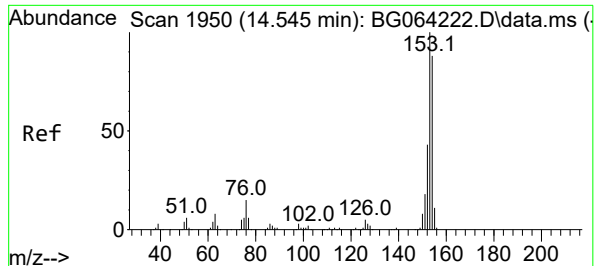


#51
2,6-Dinitrotoluene
Concen: 4.067 ng
RT: 14.052 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32



Tgt Ion:165 Resp: 4684
Ion Ratio Lower Upper
165 100
63 78.8 60.3 90.5
89 65.6 52.9 79.3





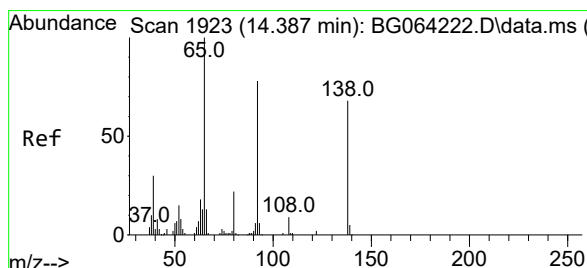
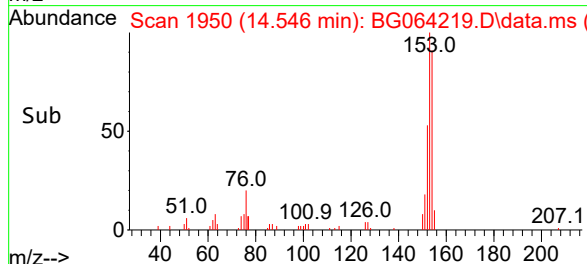
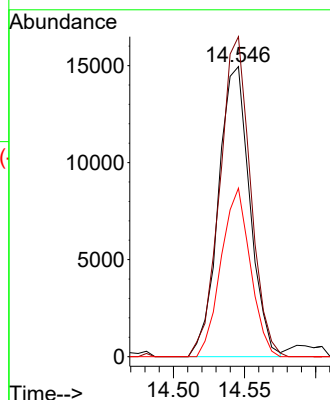
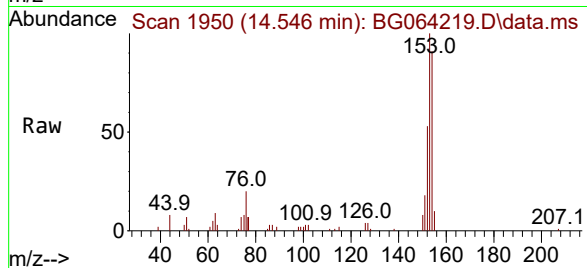
#52
Acenaphthene
Concen: 5.115 ng
RT: 14.546 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 22964
Ion Ratio Lower Upper
154 100
153 110.3 91.1 136.7
152 58.1 39.6 59.4

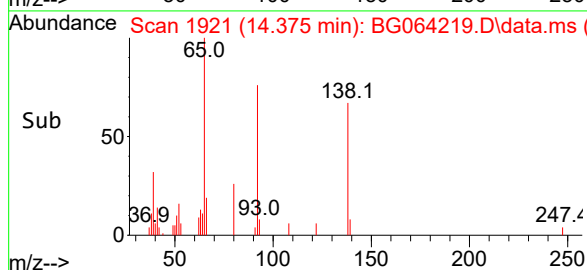
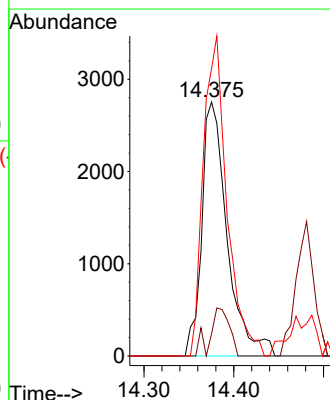
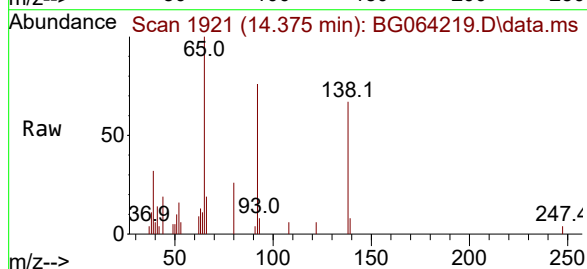
Manual Integrations
APPROVED

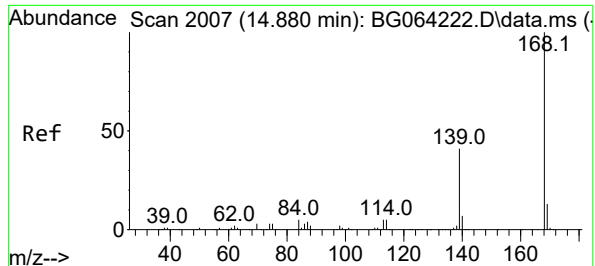
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#53
3-Nitroaniline
Concen: 4.480 ng
RT: 14.375 min Scan# 1921
Delta R.T. -0.011 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

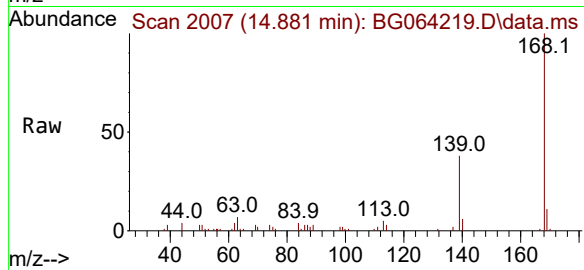
Tgt Ion:138 Resp: 5404
Ion Ratio Lower Upper
138 100
108 8.8 11.0 16.6#
92 113.1 91.4 137.0





#55
Dibenzenofuran
Concen: 5.322 ng
RT: 14.881 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

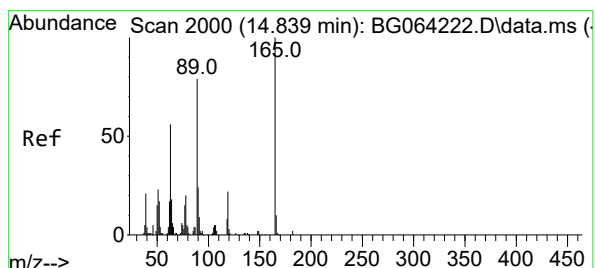
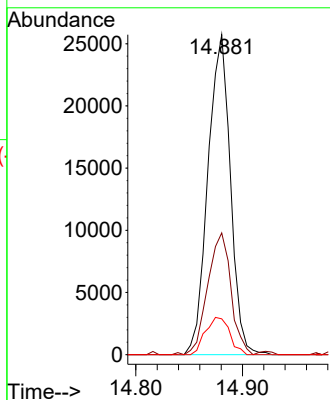
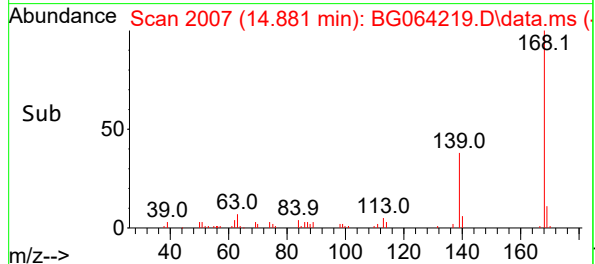
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:168 Resp: 37579
Ion Ratio Lower Upper
168 100
139 38.0 33.2 49.8
169 11.2 10.4 15.6

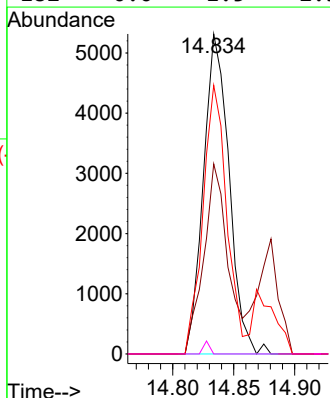
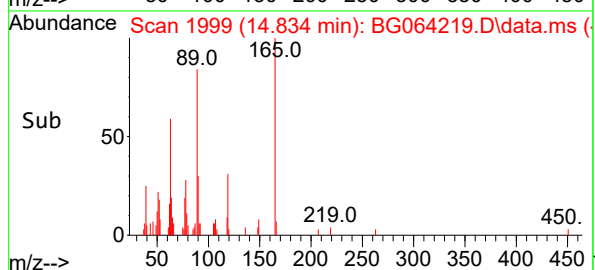
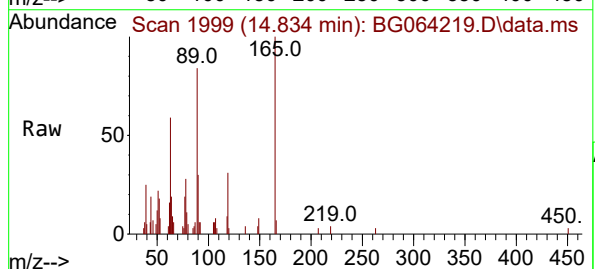
Manual Integrations
APPROVED

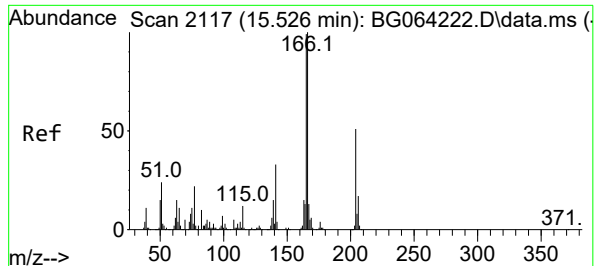
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#57
2,4-Dinitrotoluene
Concen: 4.467 ng
RT: 14.834 min Scan# 1999
Delta R.T. -0.011 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

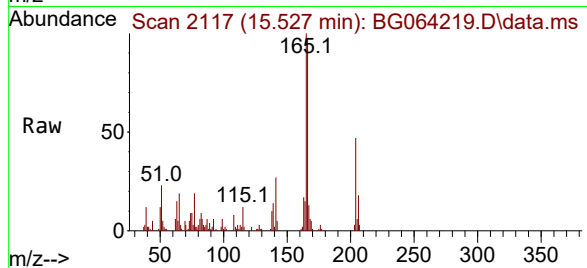
Tgt Ion:165 Resp: 7779
Ion Ratio Lower Upper
165 100
63 59.4 44.6 67.0
89 84.0 63.0 94.4
182 0.0 1.5 2.3#





#58
Fluorene
Concen: 5.318 ng
RT: 15.527 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

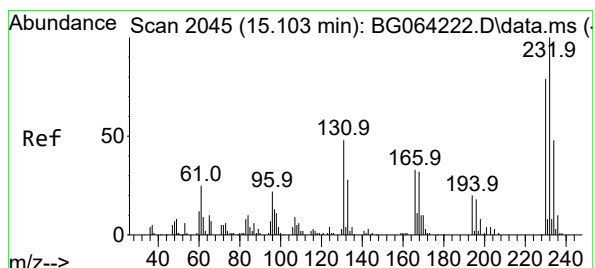
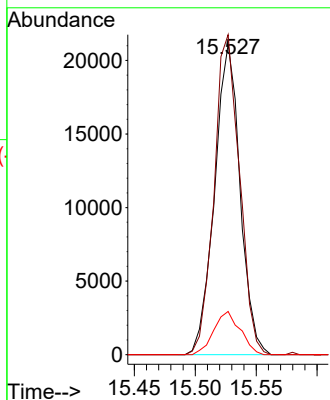
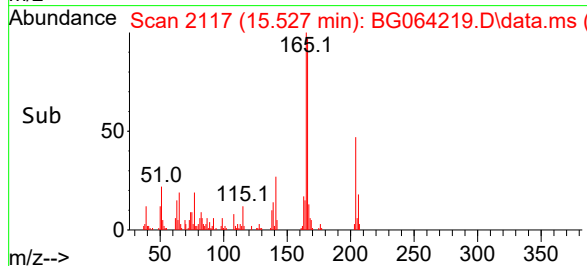
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:166 Resp: 30779
Ion Ratio Lower Upper
166 100
165 103.1 79.1 118.7
167 13.9 10.2 15.4

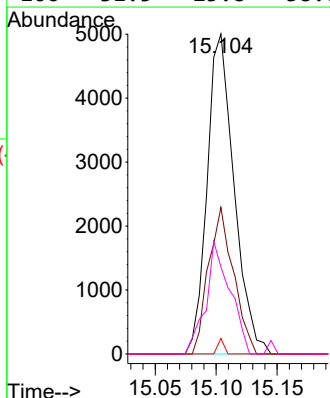
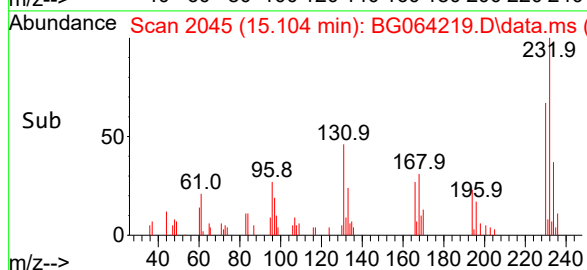
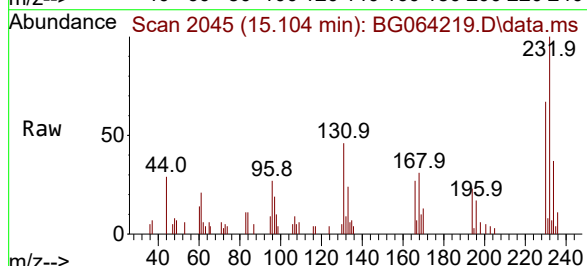
Manual Integrations
APPROVED

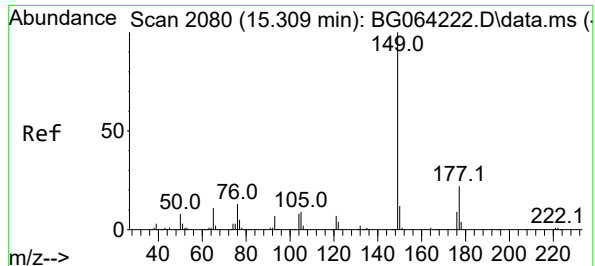
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#59
2,3,4,6-Tetrachlorophenol
Concen: 4.866 ng
RT: 15.104 min Scan# 2045
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:232 Resp: 7695
Ion Ratio Lower Upper
232 100
131 42.5 37.1 55.7
130 1.1 2.6 3.8#
166 31.5 25.8 38.6





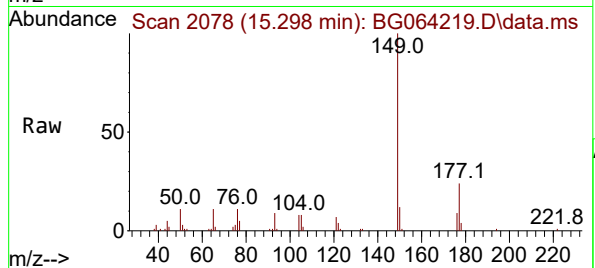
#60
Diethylphthalate
Concen: 5.646 ng
RT: 15.298 min Scan# 2080
Delta R.T. -0.017 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

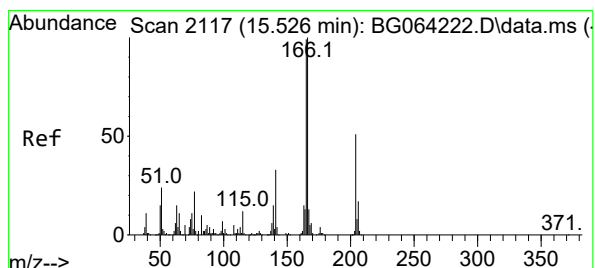
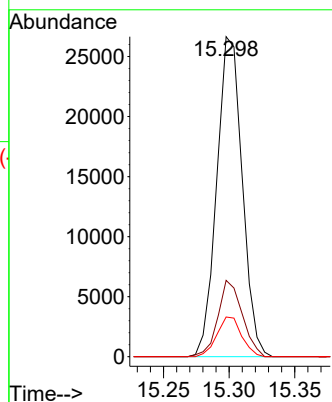
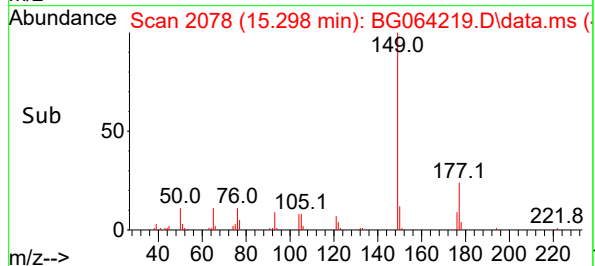


Tgt Ion:149 Resp: 3594
Ion Ratio Lower Upper
149 100
177 23.9 17.5 26.3
150 12.4 9.9 14.9

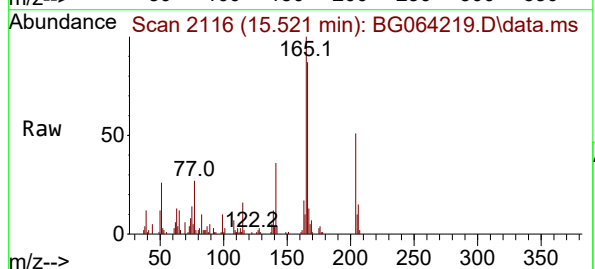
Manual Integrations

APPROVED

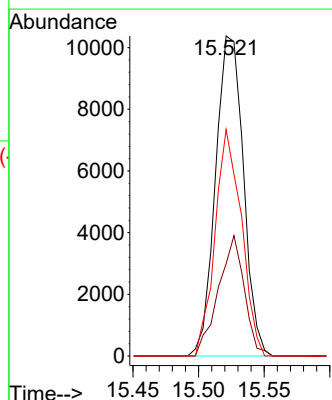
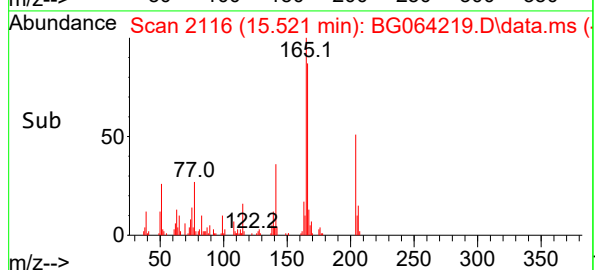
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

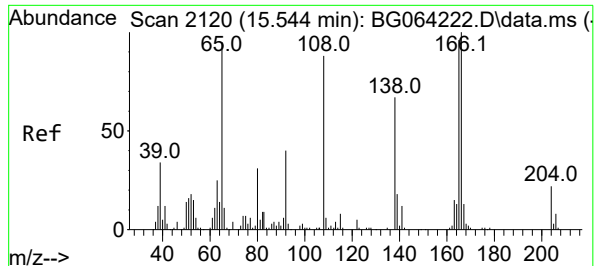


#61
4-Chlorophenyl-phenylether
Concen: 5.318 ng
RT: 15.521 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32



Tgt Ion:204 Resp: 15345
Ion Ratio Lower Upper
204 100
206 28.8 26.2 39.4
141 70.7 51.9 77.9





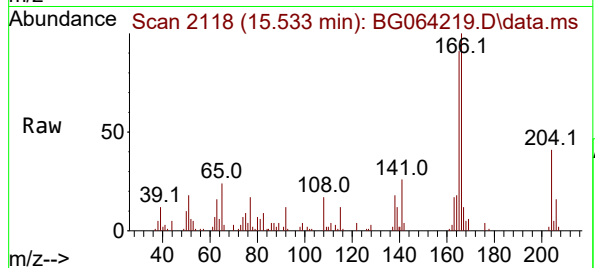
#62
4-Nitroaniline
Concen: 4.268 ng
RT: 15.533 min Scan# 2118
Delta R.T. -0.023 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

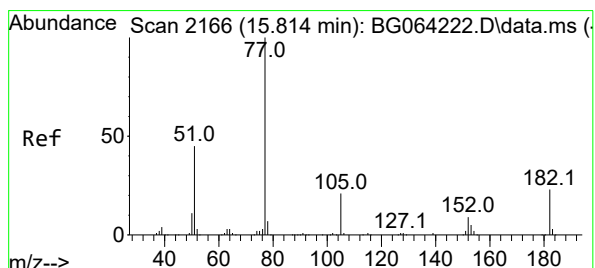
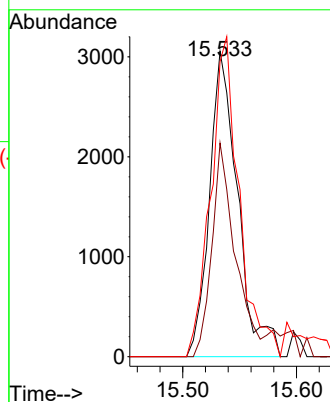
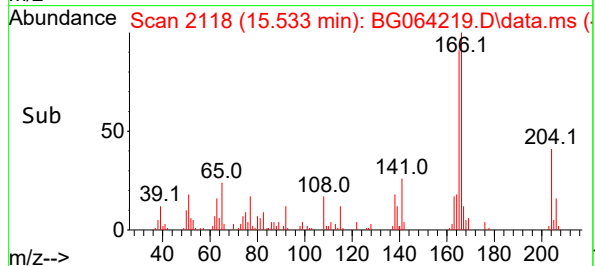


Tgt Ion:138 Resp: 5254
Ion Ratio Lower Upper
138 100
92 70.0 39.1 79.1
108 96.6 111.3 151.3

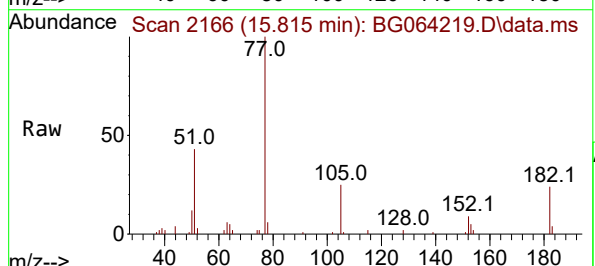
Manual Integrations

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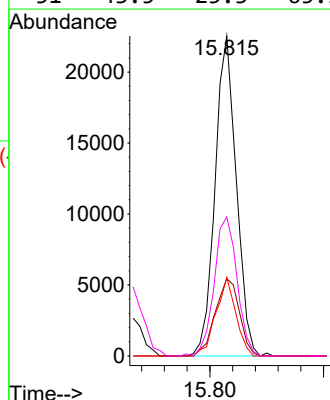
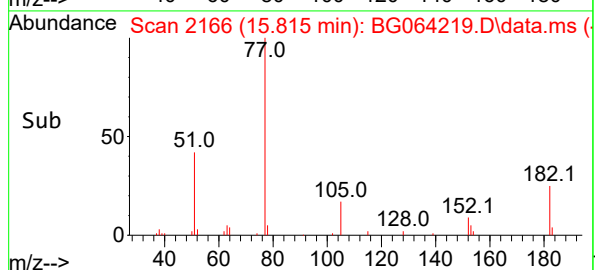
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

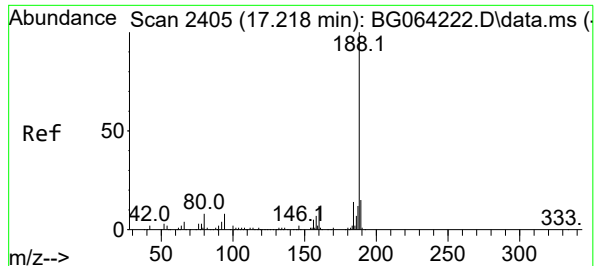


#63
Azobenzene
Concen: 5.159 ng
RT: 15.815 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32



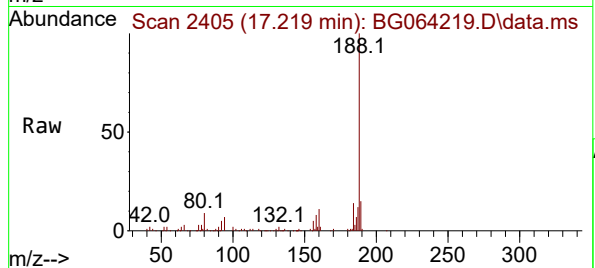
Tgt Ion: 77 Resp: 29276
Ion Ratio Lower Upper
77 100
182 24.2 3.3 43.3
105 24.5 0.6 40.6
51 43.5 25.3 65.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.219 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

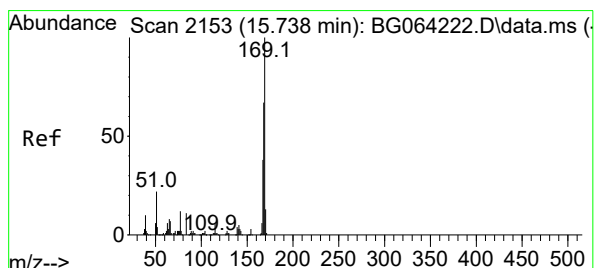
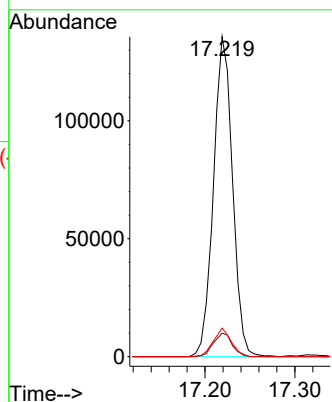
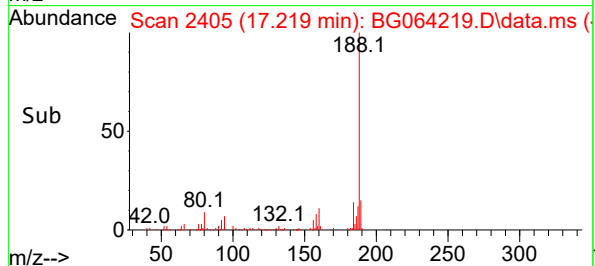
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:188 Resp: 199845
Ion Ratio Lower Upper
188 100
94 7.4 6.2 9.4
80 8.9 6.8 10.2

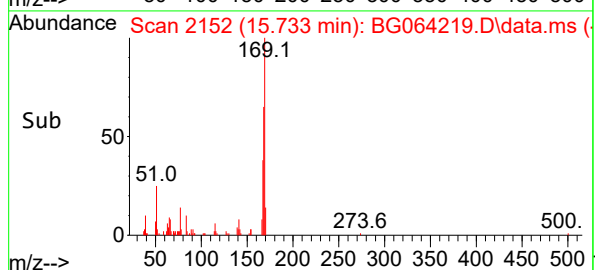
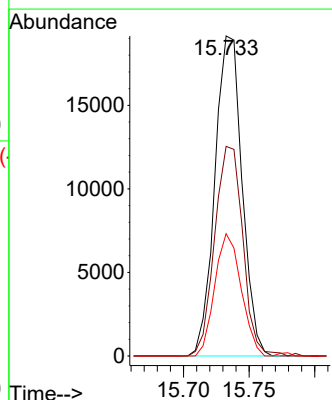
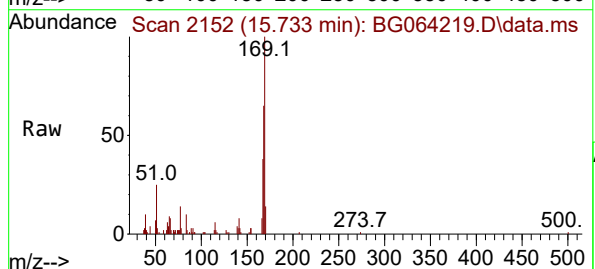
Manual Integrations
APPROVED

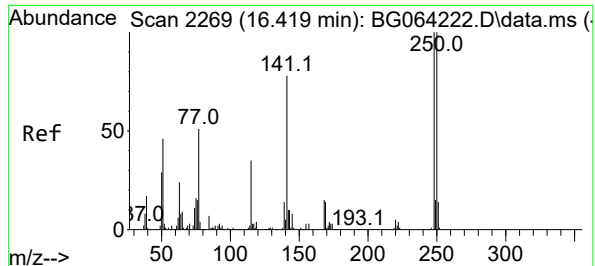
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#66
n-Nitrosodiphenylamine
Concen: 5.022 ng
RT: 15.733 min Scan# 2152
Delta R.T. -0.011 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

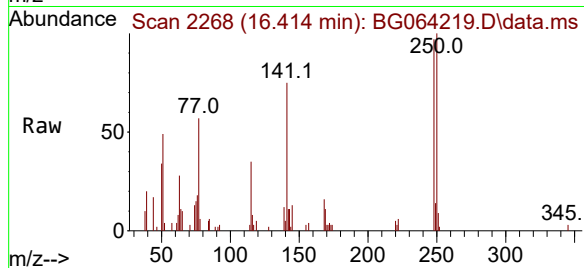
Tgt Ion:169 Resp: 27609
Ion Ratio Lower Upper
169 100
168 65.5 53.8 80.8
167 38.2 30.2 45.2





#67
4-Bromophenyl-phenylether
Concen: 4.591 ng
RT: 16.414 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

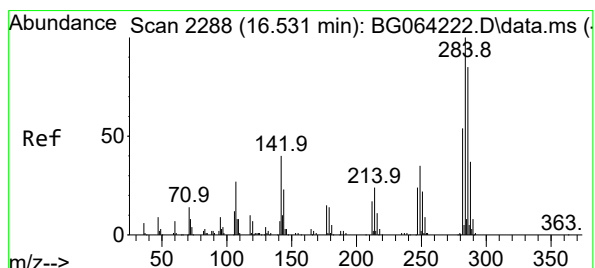
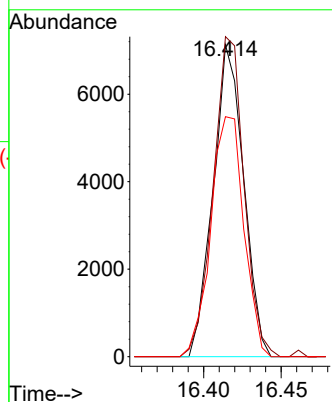
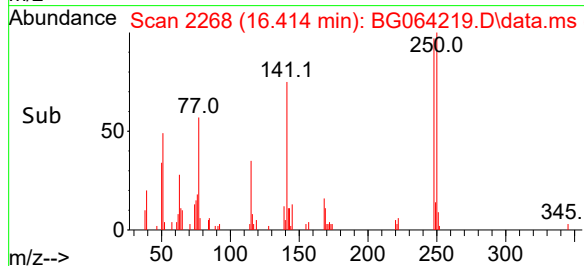
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



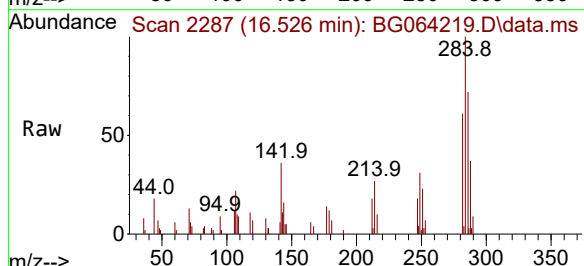
Tgt Ion:248 Resp: 974
Ion Ratio Lower Upper
248 100
250 102.6 80.2 120.4
141 77.0 62.4 93.6

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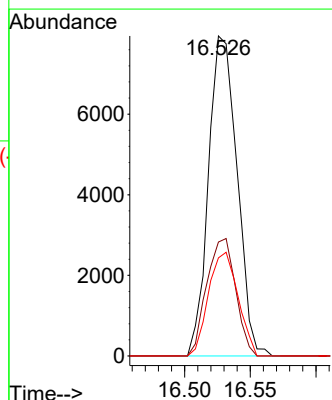
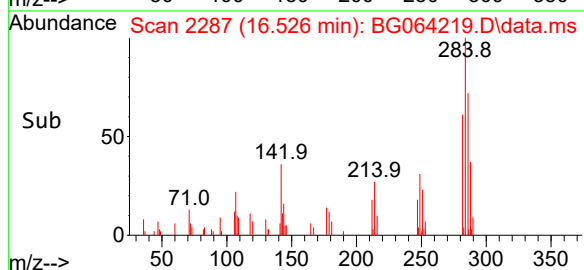
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

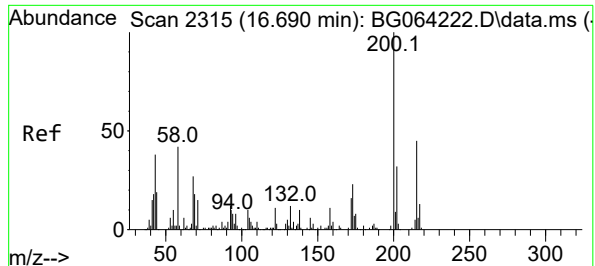


#68
Hexachlorobenzene
Concen: 5.109 ng
RT: 16.526 min Scan# 2287
Delta R.T. -0.011 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32



Tgt Ion:284 Resp: 12043
Ion Ratio Lower Upper
284 100
142 35.6 32.1 48.1
249 30.6 28.3 42.5





#69

Atrazine

Concen: 5.228 ng

RT: 16.678 min Scan# 21

Delta R.T. -0.017 min

Lab File: BG064219.D

Acq: 28 Aug 2025 11:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Tgt Ion:200 Resp: 1200

Ion Ratio Lower Upper

200 100

173 26.6 3.5 43.5

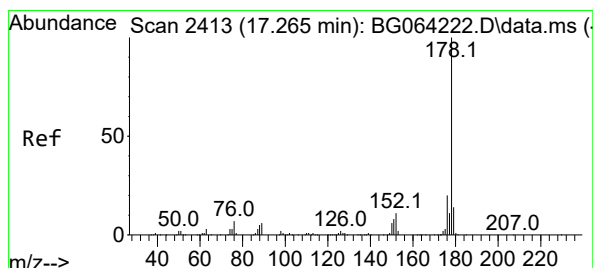
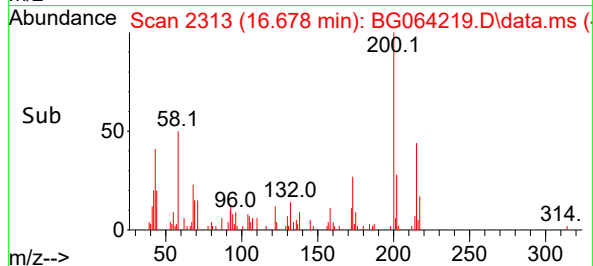
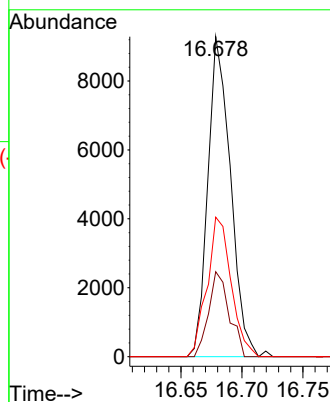
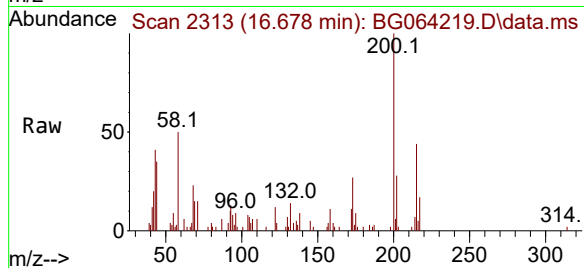
215 43.6 24.8 64.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#71

Phenanthrene

Concen: 5.227 ng

RT: 17.260 min Scan# 2412

Delta R.T. -0.006 min

Lab File: BG064219.D

Acq: 28 Aug 2025 11:32

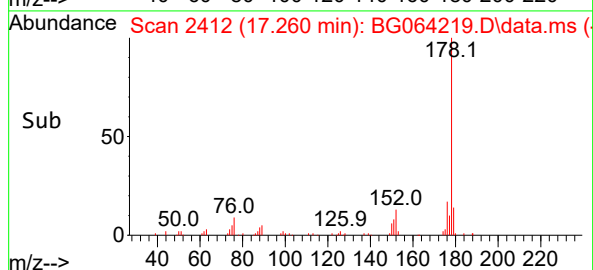
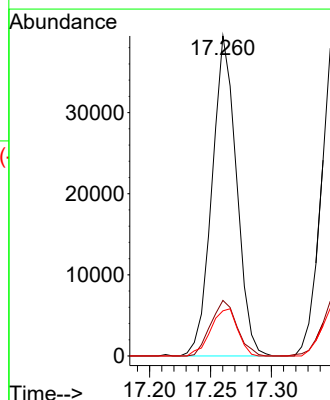
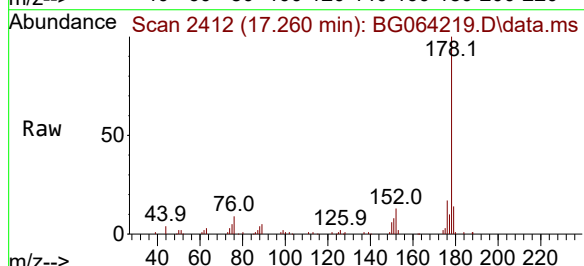
Tgt Ion:178 Resp: 55100

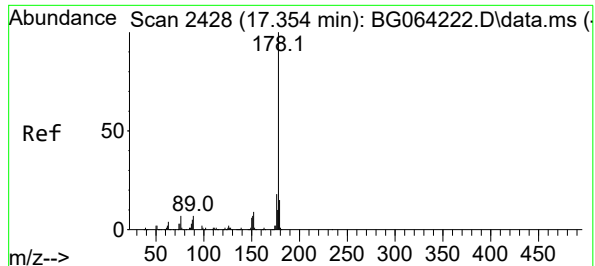
Ion Ratio Lower Upper

178 100

176 17.4 15.9 23.9

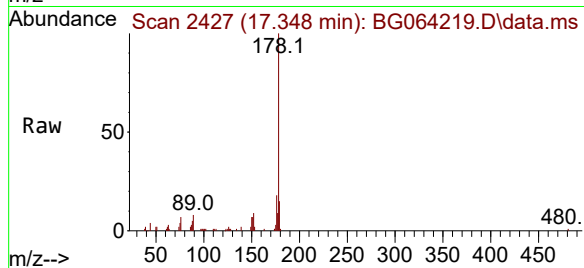
179 14.1 11.4 17.2





#72
Anthracene
Concen: 5.237 ng
RT: 17.348 min Scan# 2428
Delta R.T. -0.011 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

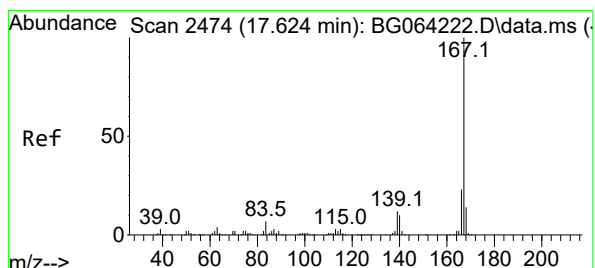
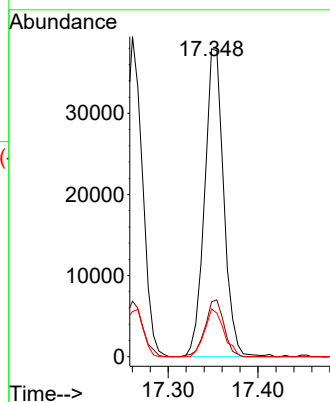
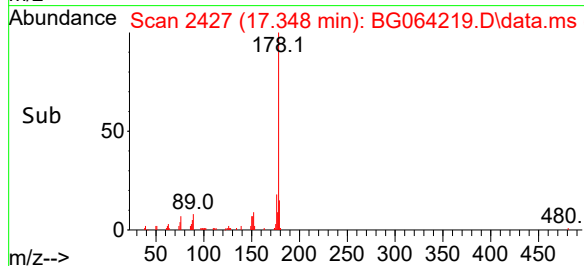
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:178 Resp: 56150
Ion Ratio Lower Upper
178 100
176 17.8 14.7 22.1
179 15.5 12.1 18.1

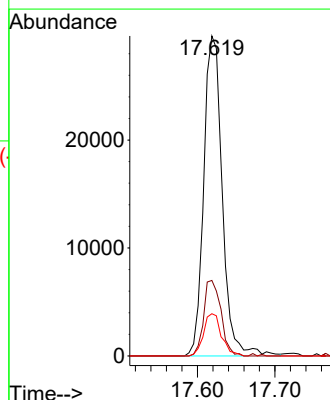
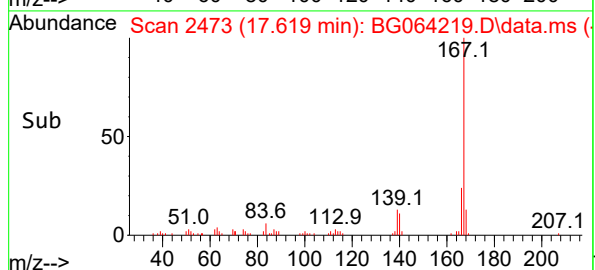
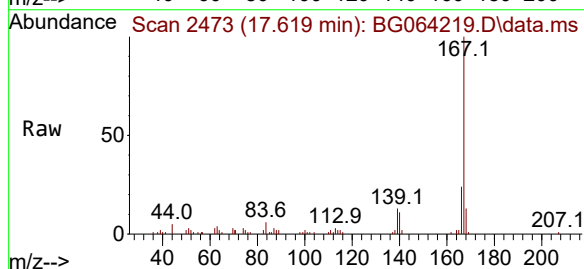
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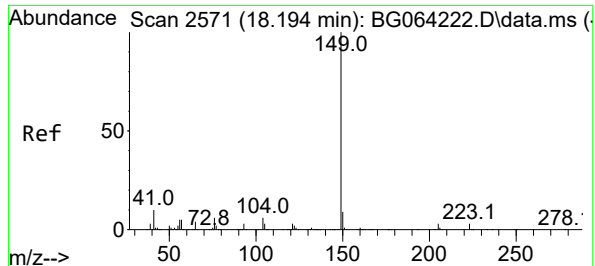
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#73
Carbazole
Concen: 5.213 ng
RT: 17.619 min Scan# 2473
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

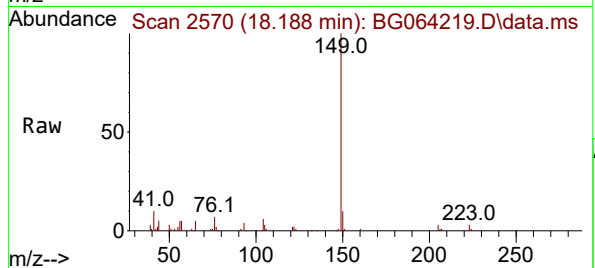
Tgt Ion:167 Resp: 49241
Ion Ratio Lower Upper
167 100
166 23.6 18.2 27.2
139 13.2 9.8 14.6





#74
Di-n-butylphthalate
Concen: 5.267 ng
RT: 18.188 min Scan# 2570
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

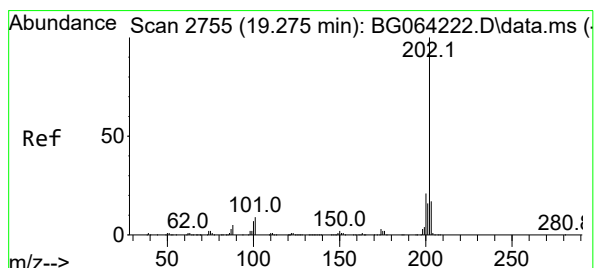
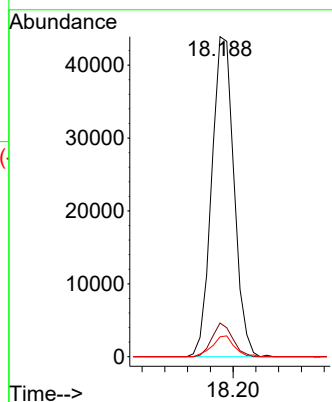
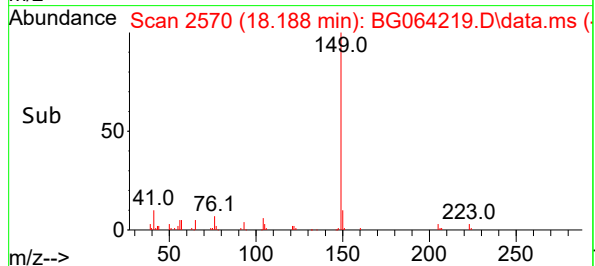
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:149 Resp: 5976
Ion Ratio Lower Upper
149 100
150 10.5 7.5 11.3
104 6.2 4.6 7.0

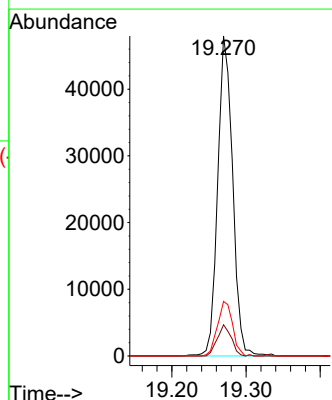
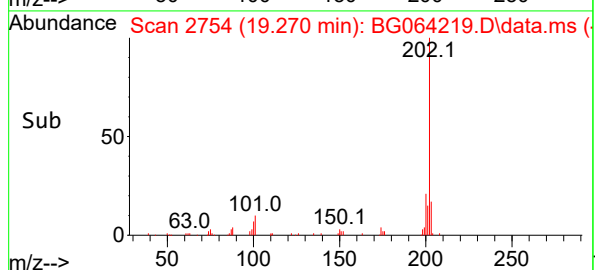
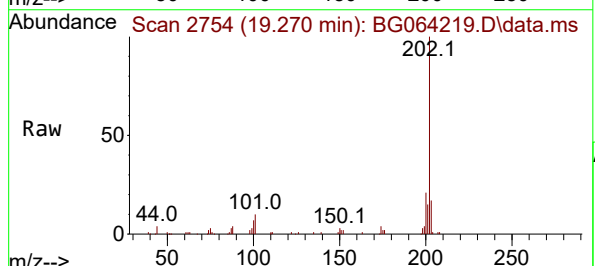
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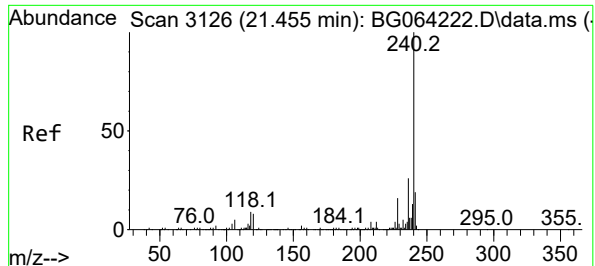
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#75
Fluoranthene
Concen: 5.403 ng
RT: 19.270 min Scan# 2754
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

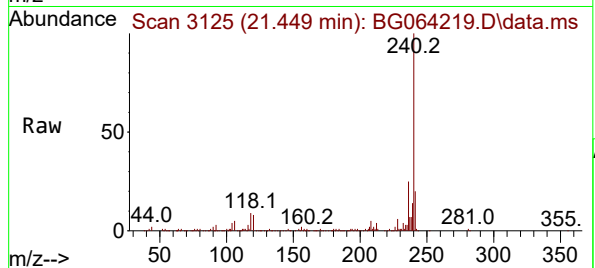
Tgt Ion:202 Resp: 66964
Ion Ratio Lower Upper
202 100
101 9.8 0.0 28.7
203 17.0 0.0 36.9





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3126
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

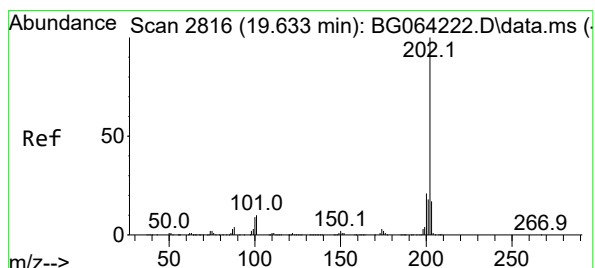
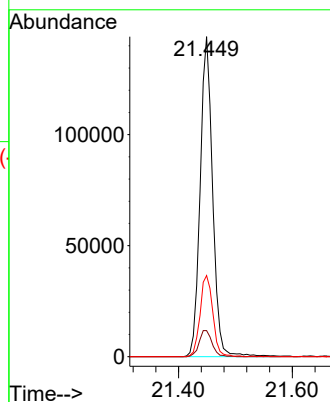
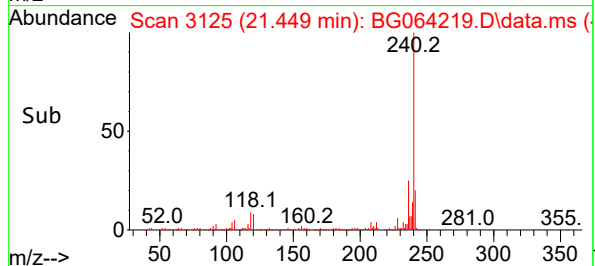
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:240 Resp: 21968
Ion Ratio Lower Upper
240 100
120 8.2 6.2 9.4
236 25.3 20.5 30.7

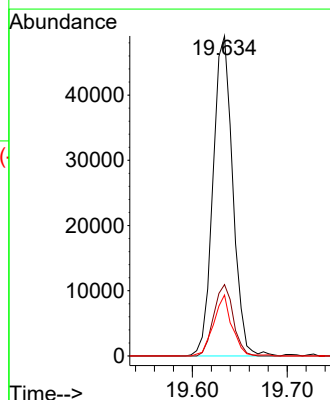
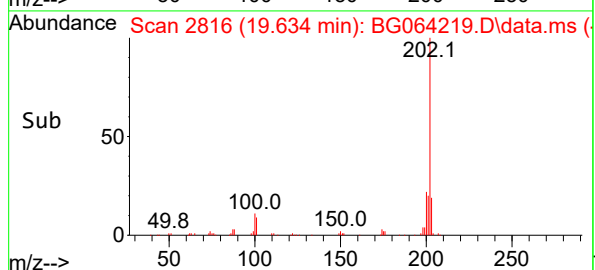
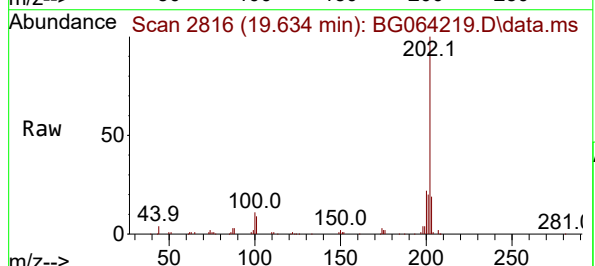
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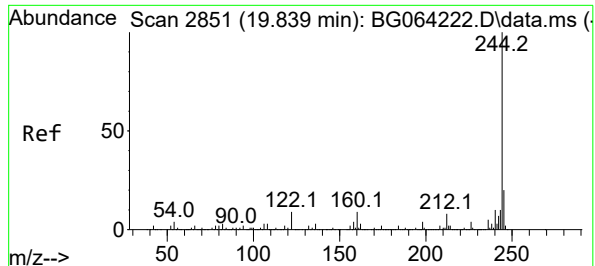
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#78
Pyrene
Concen: 5.127 ng
RT: 19.634 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:202 Resp: 70961
Ion Ratio Lower Upper
202 100
200 22.3 16.9 25.3
203 19.1 13.8 20.8





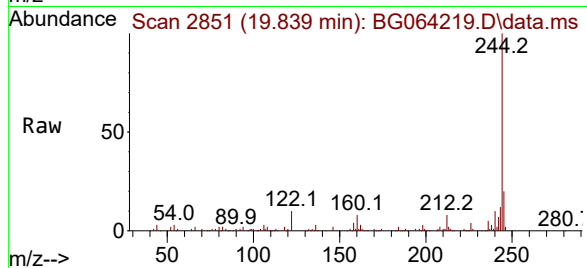
#79
Terphenyl-d14
Concen: 10.529 ng
RT: 19.839 min Scan# 2851
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

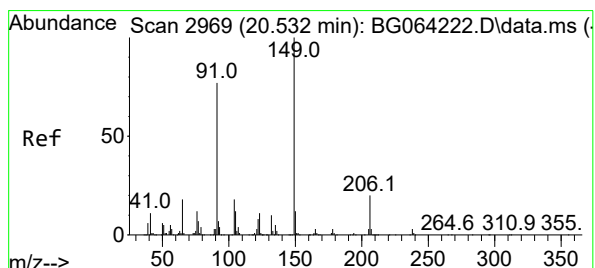
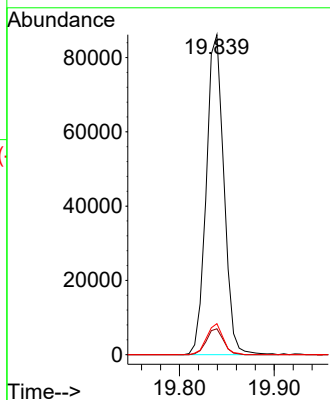
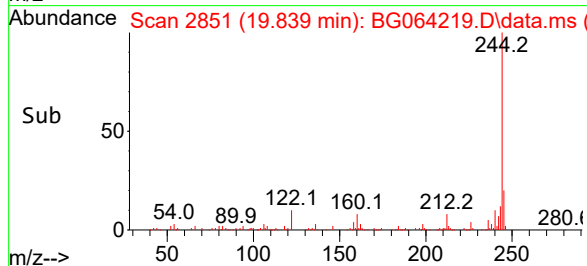


Tgt Ion:244 Resp: 11086
Ion Ratio Lower Upper
244 100
212 8.1 6.6 10.0
122 9.7 7.0 10.6

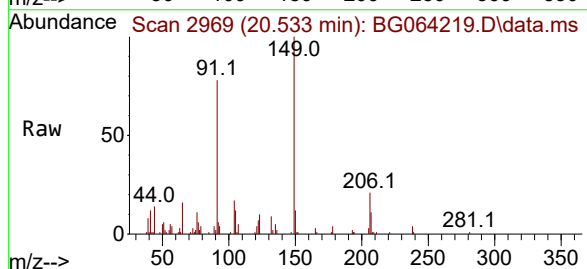
Manual Integrations

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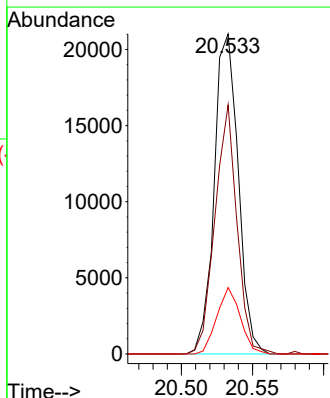
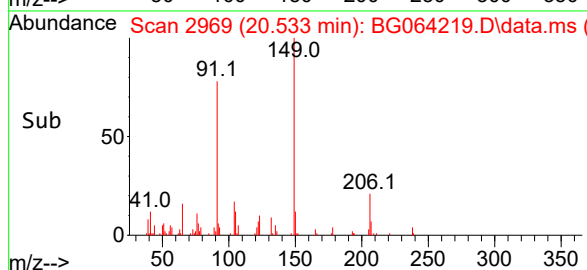
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

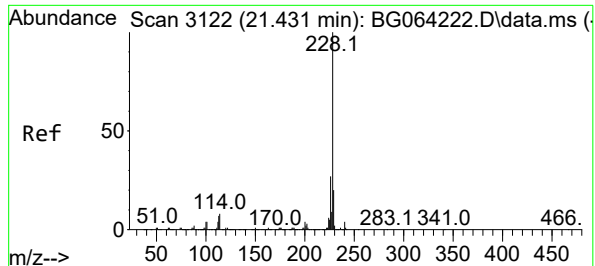


#80
Butylbenzylphthalate
Concen: 4.720 ng
RT: 20.533 min Scan# 2969
Delta R.T. 0.000 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32



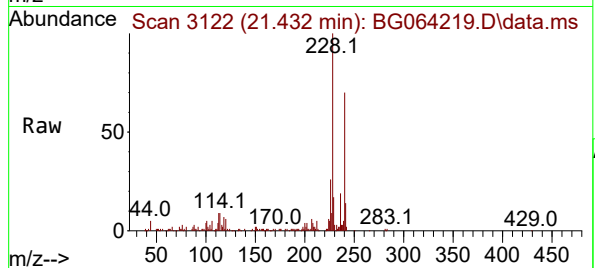
Tgt Ion:149 Resp: 24638
Ion Ratio Lower Upper
149 100
91 77.9 61.4 92.0
206 20.7 15.8 23.6





#81
Benzo(a)anthracene
Concen: 5.169 ng
RT: 21.432 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

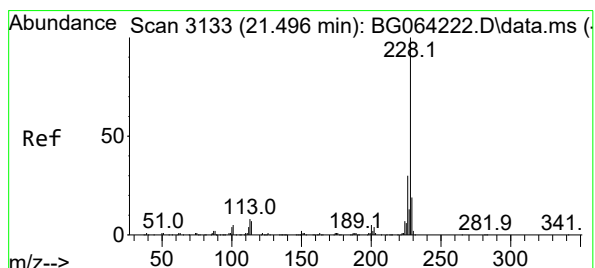
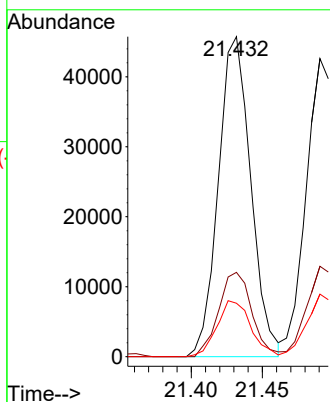
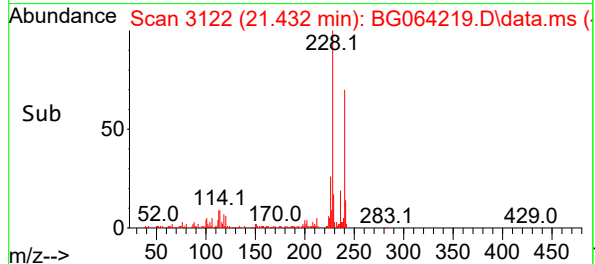
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:228 Resp: 72640
Ion Ratio Lower Upper
228 100
226 26.3 21.7 32.5
229 16.7 15.9 23.9

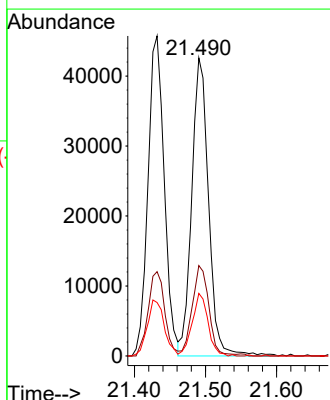
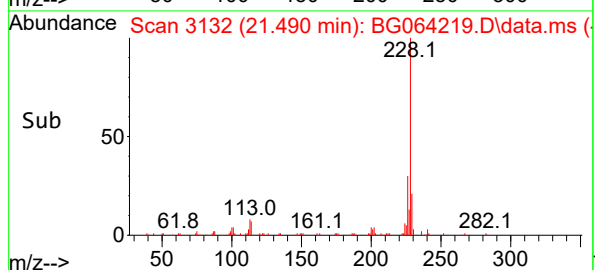
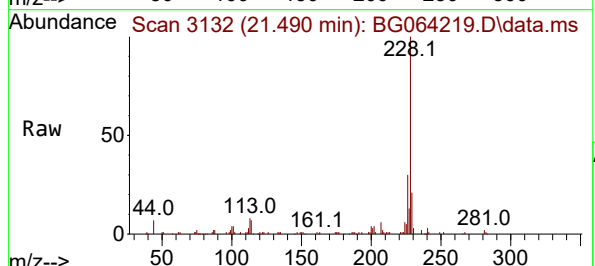
Manual Integrations
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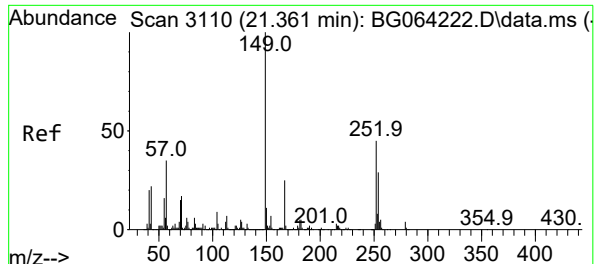
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#83
Chrysene
Concen: 5.199 ng
RT: 21.490 min Scan# 3132
Delta R.T. -0.012 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

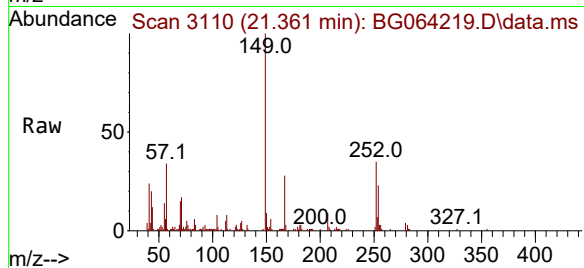
Tgt Ion:228 Resp: 70143
Ion Ratio Lower Upper
228 100
226 30.3 24.2 36.2
229 21.0 15.4 23.2





#84
Bis(2-ethylhexyl)phthalate
Concen: 5.000 ng
RT: 21.361 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

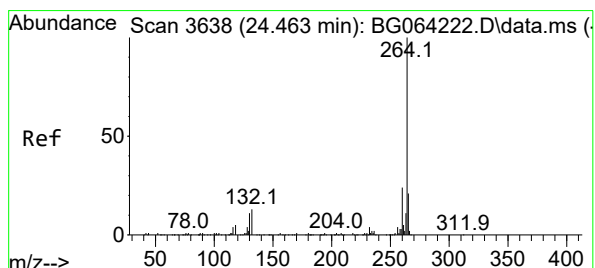
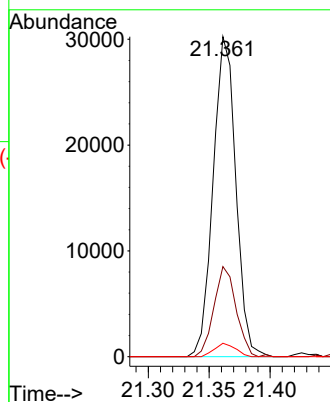
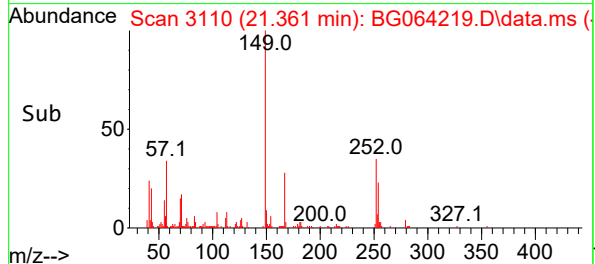
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:149 Resp: 39184
Ion Ratio Lower Upper
149 100
167 28.1 20.0 30.0
279 4.2 3.0 4.4

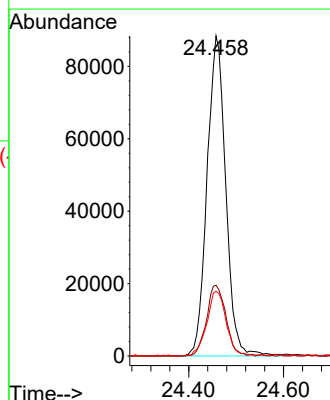
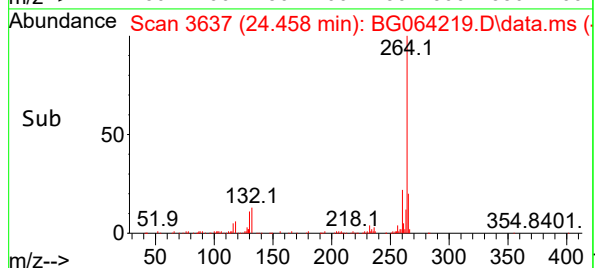
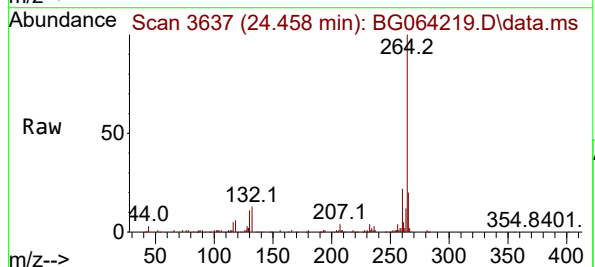
Manual Integrations
APPROVED

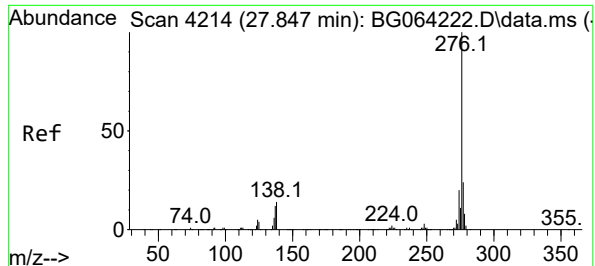
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.458 min Scan# 3637
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:264 Resp: 241429
Ion Ratio Lower Upper
264 100
260 22.1 18.9 28.3
265 20.2 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.812 ng

RT: 27.836 min Scan# 41

Delta R.T. -0.035 min

Lab File: BG064219.D

Acq: 28 Aug 2025 11:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

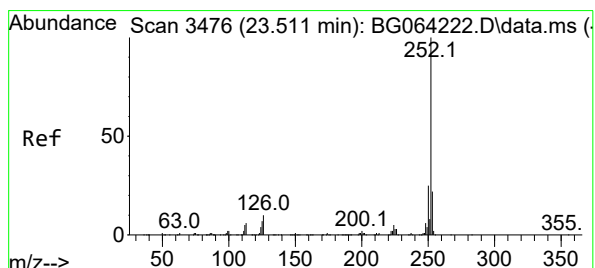
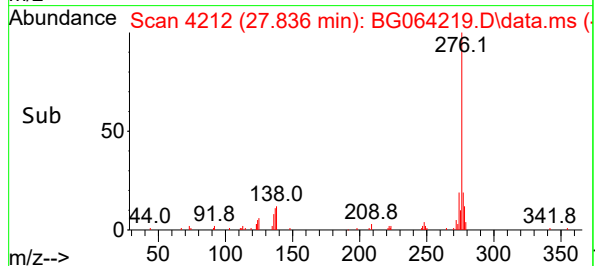
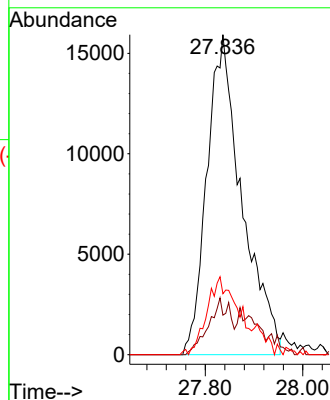
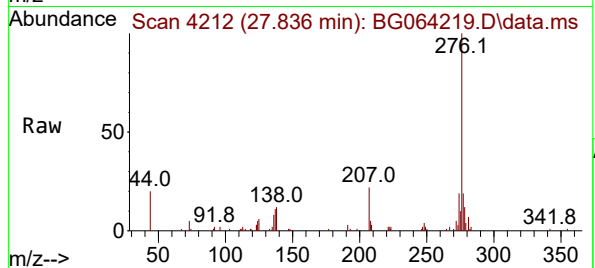
Tgt Ion	276	138	277
Resp	7933	10.8	21.0
Lower		7.4	20.5
Upper		11.0	30.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#88

Benzo(b)fluoranthene

Concen: 4.778 ng

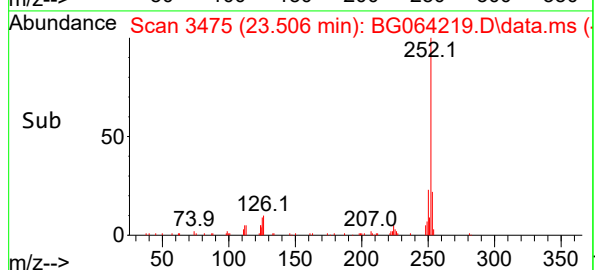
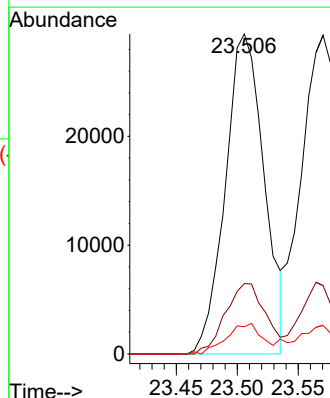
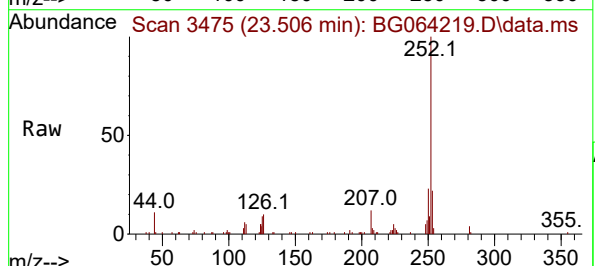
RT: 23.506 min Scan# 3475

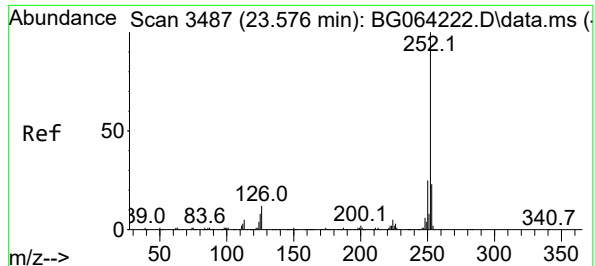
Delta R.T. -0.012 min

Lab File: BG064219.D

Acq: 28 Aug 2025 11:32

Tgt Ion	252	125
Resp	65111	8.5
Lower		5.9
Upper		8.9





#89

Benzo(k)fluoranthene

Concen: 5.049 ng

RT: 23.570 min Scan# 34

Delta R.T. -0.017 min

Lab File: BG064219.D

Acq: 28 Aug 2025 11:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

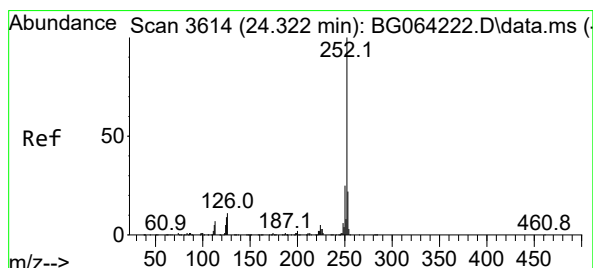
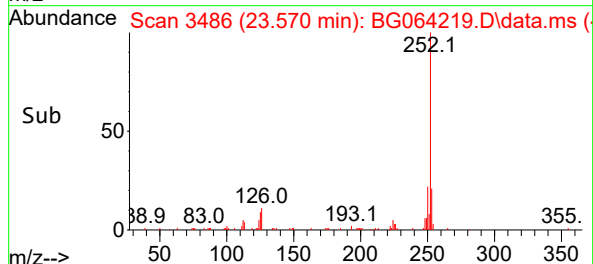
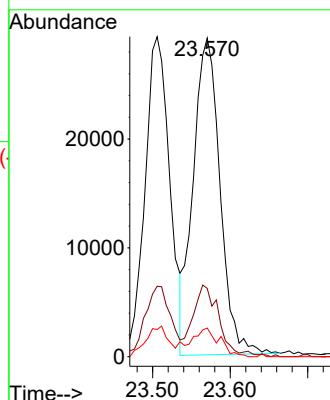
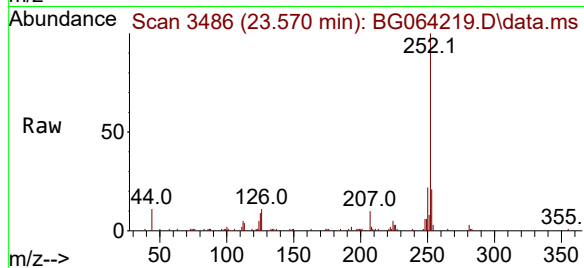
Tgt Ion	252	253	125
Ion Ratio	100	21.5	9.0
Resp	70084	18.2	7.0
Lower			
Upper		27.4	10.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#90

Benzo(a)pyrene

Concen: 4.851 ng

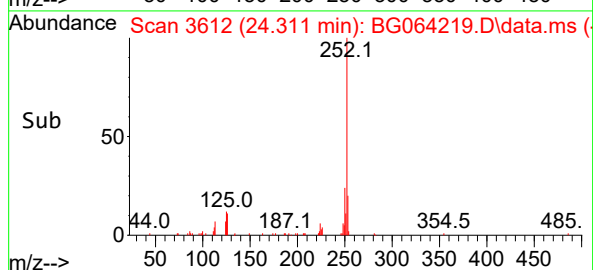
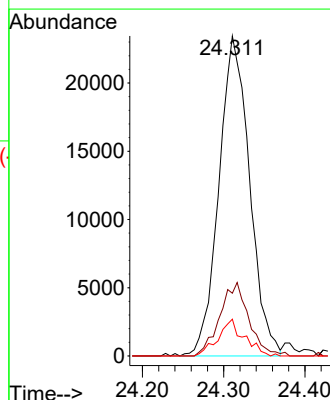
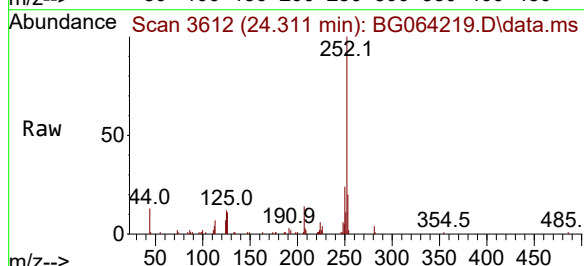
RT: 24.311 min Scan# 3612

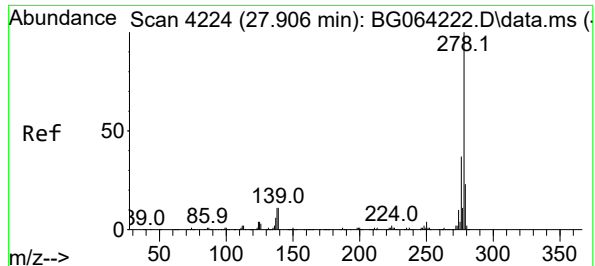
Delta R.T. -0.017 min

Lab File: BG064219.D

Acq: 28 Aug 2025 11:32

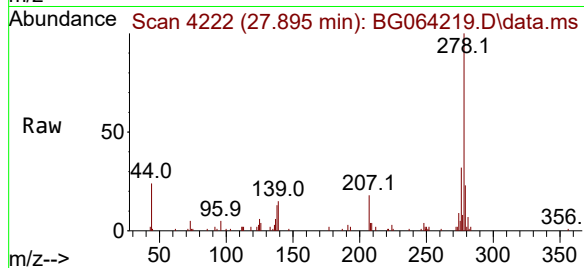
Tgt Ion	252	253	125
Ion Ratio	100	19.6	11.5
Resp	61491	26.2	7.0
Lower			
Upper		10.6	





#91
Dibenzo(a,h)anthracene
Concen: 4.760 ng
RT: 27.895 min Scan# 41
Delta R.T. -0.029 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

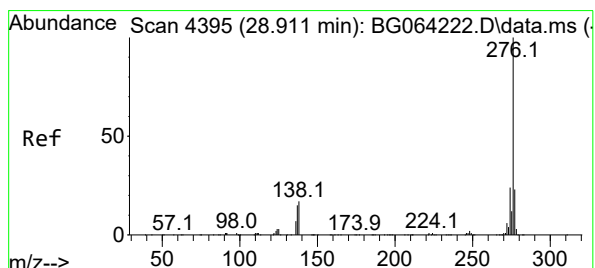
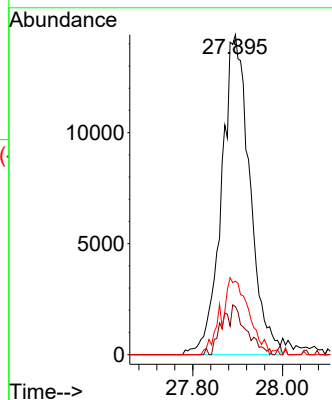
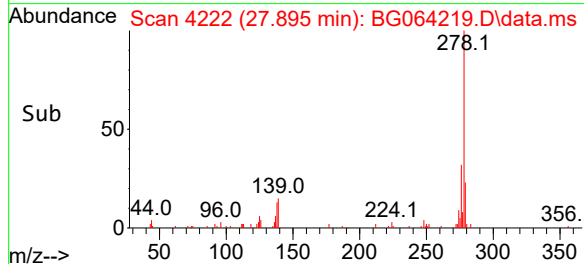
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:278 Resp: 6301
Ion Ratio Lower Upper
278 100
139 15.0 9.0 13.4
279 23.0 18.8 28.2

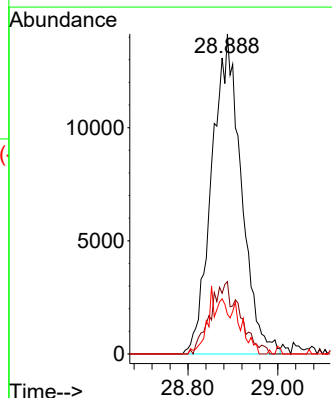
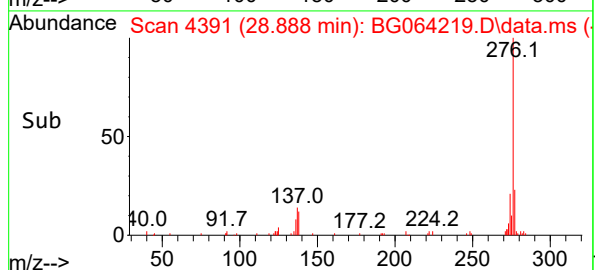
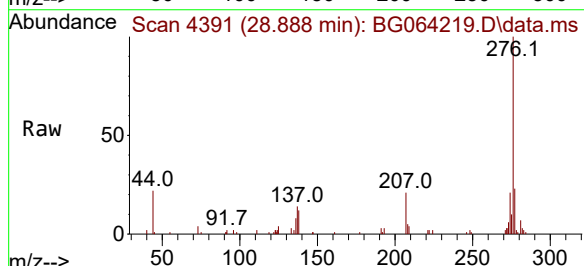
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#92
Benzo(g,h,i)perylene
Concen: 4.999 ng
RT: 28.888 min Scan# 4391
Delta R.T. -0.047 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:276 Resp: 64396
Ion Ratio Lower Upper
276 100
277 22.6 18.2 27.4
138 12.4 13.3 19.9#



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
 Data File : BG064220.D
 Acq On : 28 Aug 2025 12:12
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:40:20 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 28 17:41:58 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	26130	20.000	ng	0.00
21) Naphthalene-d8	10.641	136	128271	20.000	ng	# 0.00
39) Acenaphthene-d10	14.483	164	94175	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	221898	20.000	ng	0.00
76) Chrysene-d12	21.451	240	230611	20.000	ng	0.00
86) Perylene-d12	24.460	264	253168	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.441	112	28574	19.619	ng	0.00
7) Phenol-d6	7.021	99	38784	19.383	ng	0.00
23) Nitrobenzene-d5	9.007	82	43627	18.968	ng	0.00
42) 2,4,6-Tribromophenol	15.964	330	24110	19.328	ng	0.00
45) 2-Fluorobiphenyl	13.102	172	121075	19.623	ng	0.00
79) Terphenyl-d14	19.842	244	224585	20.318	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.361	88	6848	11.281	ng	84
3) Pyridine	3.749	79	17966	10.054	ng	# 53
4) n-Nitrosodimethylamine	3.666	42	11613	9.825	ng	# 94
6) Aniline	7.180	93	26763	9.672	ng	95
8) 2-Chlorophenol	7.427	128	16813	9.447	ng	95
9) Benzaldehyde	6.998	77	15436	9.374	ng	97
10) Phenol	7.045	94	21260	9.637	ng	96
11) bis(2-Chloroethyl)ether	7.280	93	16500	9.953	ng	87
12) 1,3-Dichlorobenzene	7.744	146	19342	10.216	ng	98
13) 1,4-Dichlorobenzene	7.891	146	19887	10.407	ng	93
14) 1,2-Dichlorobenzene	8.208	146	19045	10.327	ng	92
15) Benzyl Alcohol	8.091	79	16948	9.179	ng	89
16) 2,2'-oxybis(1-Chloropr...	8.378	45	38145	10.079	ng	95
17) 2-Methylphenol	8.290	107	16238	9.876	ng	87
18) Hexachloroethane	8.937	117	7549	10.121	ng	92
19) n-Nitroso-di-n-propyla...	8.655	70	15150	9.893	ng	# 95
20) 3+4-Methylphenols	8.619	107	22656	9.917	ng	98
22) Acetophenone	8.672	105	31085	9.579	ng	# 97
24) Nitrobenzene	9.048	77	22299	9.279	ng	98
25) Isophorone	9.571	82	46345	9.695	ng	99
26) 2-Nitrophenol	9.759	139	9333	8.988	ng	# 83
27) 2,4-Dimethylphenol	9.818	122	17379	9.533	ng	95
28) bis(2-Chloroethoxy)met...	10.059	93	25711	9.975	ng	# 96
29) 2,4-Dichlorophenol	10.288	162	17846	9.278	ng	95
30) 1,2,4-Trichlorobenzene	10.505	180	19563	9.646	ng	97
31) Naphthalene	10.693	128	64906	9.758	ng	97
32) Benzoic acid	9.906	122	10223m	7.064	ng	
33) 4-Chloroaniline	10.799	127	24285	9.420	ng	99
34) Hexachlorobutadiene	10.987	225	15152	10.107	ng	# 92
35) Caprolactam	11.545	113	6949	9.330	ng	# 88
36) 4-Chloro-3-methylphenol	11.921	107	24476	9.807	ng	98
37) 2-Methylnaphthalene	12.303	142	47947	9.698	ng	96
38) 1-Methylnaphthalene	12.521	142	48414	9.914	ng	99
40) 1,2,4,5-Tetrachloroben...	12.673	216	26203	9.643	ng	99
41) Hexachlorocyclopentadiene	12.656	237	10398	8.052	ng	93
43) 2,4,6-Trichlorophenol	12.914	196	17055	9.391	ng	87

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
 Data File : BG064220.D
 Acq On : 28 Aug 2025 12:12
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:40:20 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 28 17:41:58 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.985	196	18196	9.236	ng	92
46) 1,1'-Biphenyl	13.314	154	66470	9.691	ng	99
47) 2-Chloronaphthalene	13.355	162	49869	9.671	ng	97
48) 2-Nitroaniline	13.555	65	15487	8.811	ng	94
49) Acenaphthylene	14.201	152	71937	9.437	ng	99
50) Dimethylphthalate	13.937	163	69493	9.749	ng	99
51) 2,6-Dinitrotoluene	14.048	165	12682	9.190	ng	95
52) Acenaphthene	14.542	154	52750	9.806	ng	92
53) 3-Nitroaniline	14.377	138	13157	9.102	ng	94
54) 2,4-Dinitrophenol	14.589	184	4543	10.334	ng	96
55) Dibenzofuran	14.877	168	82692	9.773	ng	97
56) 4-Nitrophenol	14.689	139	9355	7.889	ng	98
57) 2,4-Dinitrotoluene	14.836	165	18726	8.975	ng	# 84
58) Fluorene	15.529	166	69596	10.035	ng	92
59) 2,3,4,6-Tetrachlorophenol	15.106	232	17783	9.385	ng	96
60) Diethylphthalate	15.300	149	74277	9.736	ng	95
61) 4-Chlorophenyl-phenyle...	15.523	204	33756	9.762	ng	93
62) 4-Nitroaniline	15.541	138	12962	8.788	ng	# 88
63) Azobenzene	15.811	77	66963	9.848	ng	96
65) 4,6-Dinitro-2-methylph...	15.599	198	9467	7.431	ng	89
66) n-Nitrosodiphenylamine	15.735	169	57515	9.422	ng	97
67) 4-Bromophenyl-phenylether	16.416	248	23643	10.032	ng	94
68) Hexachlorobenzene	16.534	284	25688	9.815	ng	100
69) Atrazine	16.681	200	25479	9.997	ng	90
70) Pentachlorophenol	16.874	266	12208	7.693	ng	# 83
71) Phenanthrene	17.262	178	114456	9.780	ng	99
72) Anthracene	17.350	178	116836	9.814	ng	96
73) Carbazole	17.621	167	100709	9.603	ng	99
74) Di-n-butylphthalate	18.191	149	120797	9.587	ng	97
75) Fluoranthene	19.272	202	134413	9.767	ng	98
77) Benzidine	19.454	184	52385	10.798	ng	99
78) Pyrene	19.636	202	142485	9.807	ng	97
80) Butylbenzylphthalate	20.535	149	50791	9.269	ng	92
81) Benzo(a)anthracene	21.428	228	142752	9.676	ng	97
82) 3,3'-Dichlorobenzidine	21.352	252	46265	9.629	ng	97
83) Chrysene	21.493	228	138050	9.747	ng	100
84) Bis(2-ethylhexyl)phtha...	21.363	149	78558	9.549	ng	97
85) Di-n-octyl phthalate	22.503	149	133728	9.329	ng	100
87) Indeno(1,2,3-cd)pyrene	27.832	276	164791	9.531	ng	99
88) Benzo(b)fluoranthene	23.508	252	136893	9.581	ng	95
89) Benzo(k)fluoranthene	23.567	252	142634	9.798	ng	96
90) Benzo(a)pyrene	24.313	252	123820	9.316	ng	100
91) Dibenzo(a,h)anthracene	27.891	278	130614	9.409	ng	96
92) Benzo(g,h,i)perylene	28.896	276	130254	9.643	ng	99

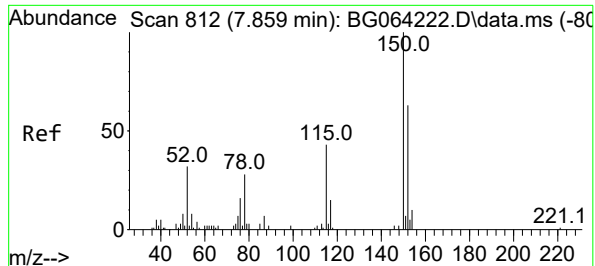
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

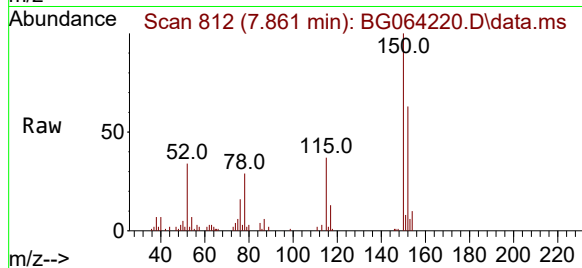
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.861 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

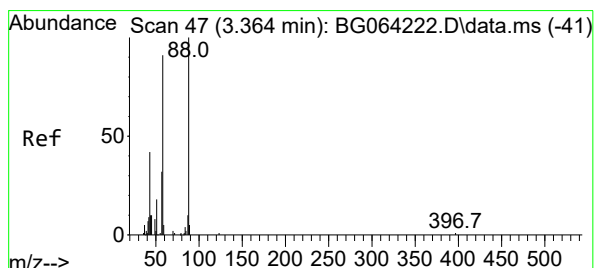
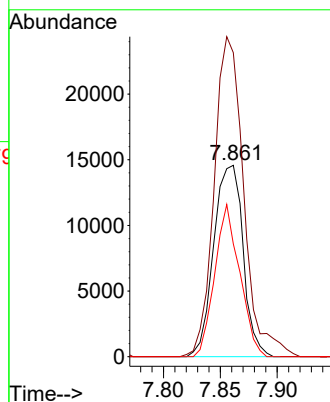
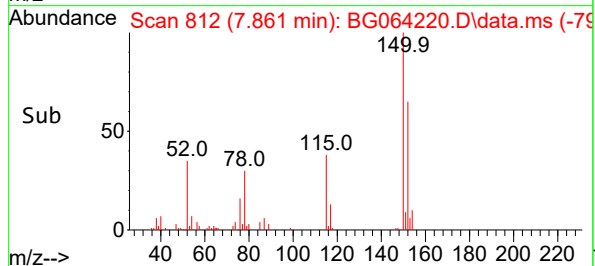
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:152 Resp: 26130
Ion Ratio Lower Upper
152 100
150 158.8 128.0 192.0
115 58.9 55.7 83.5

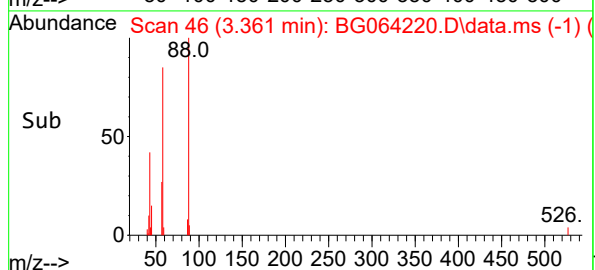
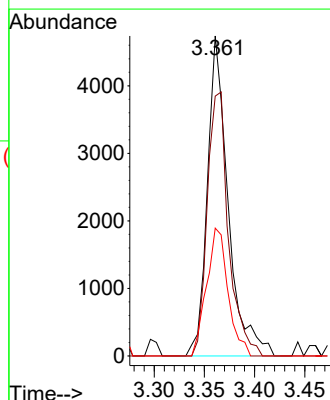
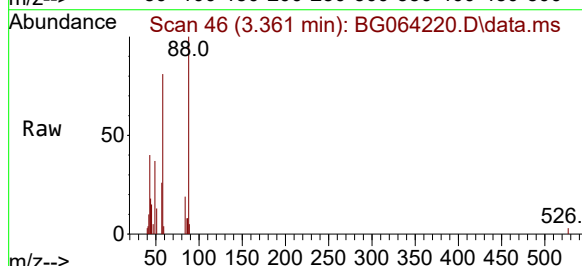
Manual Integrations
APPROVED

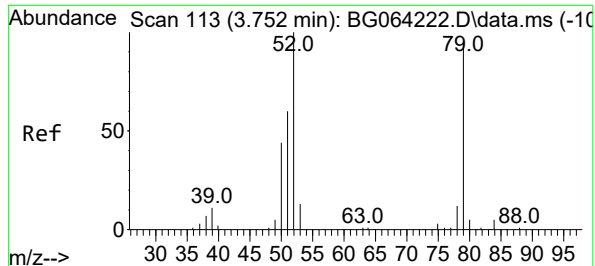
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#2
1,4-Dioxane
Concen: 11.281 ng
RT: 3.361 min Scan# 46
Delta R.T. 0.002 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

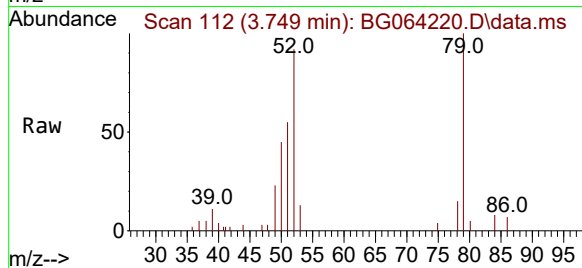
Tgt Ion: 88 Resp: 6848
Ion Ratio Lower Upper
88 100
58 84.2 80.8 121.2
43 41.3 40.3 60.5





#3
Pyridine
Concen: 10.054 ng
RT: 3.749 min Scan# 113
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

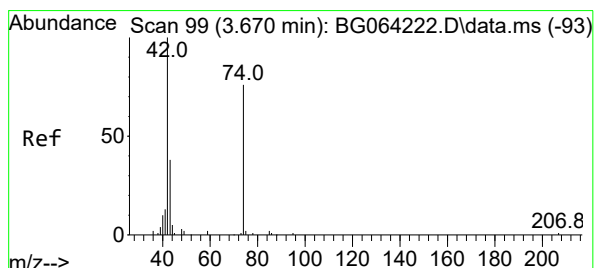
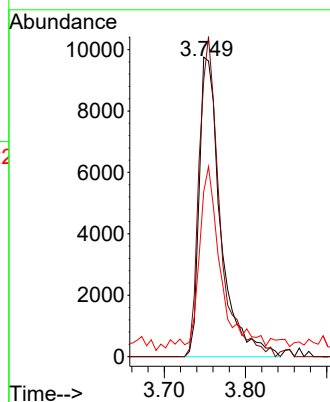
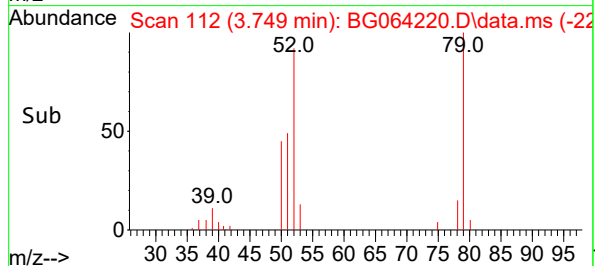
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion: 79 Resp: 1796
Ion Ratio Lower Upper
79 100
52 92.2 86.6 129.8
51 55.2 114.1 171.1

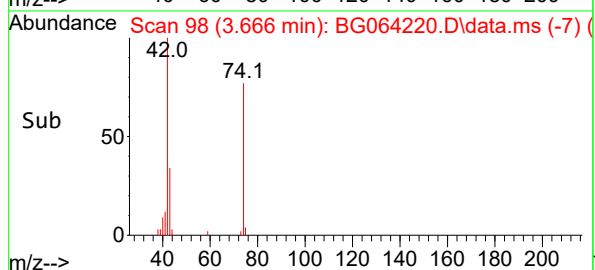
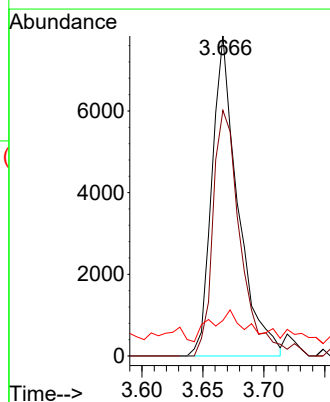
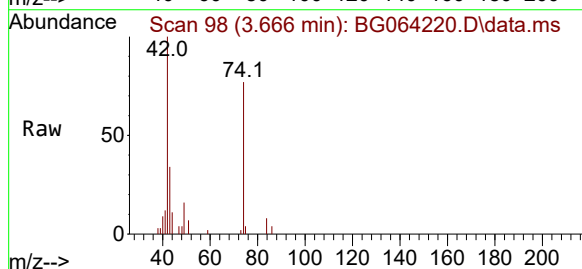
Manual Integrations
APPROVED

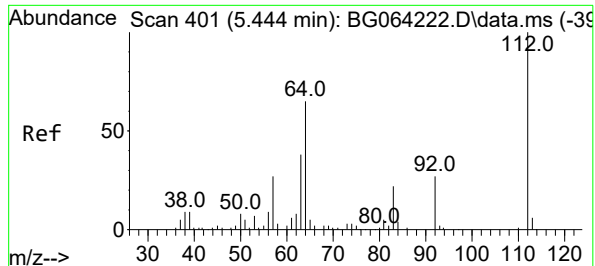
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#4
n-Nitrosodimethylamine
Concen: 9.825 ng
RT: 3.666 min Scan# 98
Delta R.T. 0.002 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion: 42 Resp: 11613
Ion Ratio Lower Upper
42 100
74 76.7 58.0 87.0
44 11.1 5.5 8.3





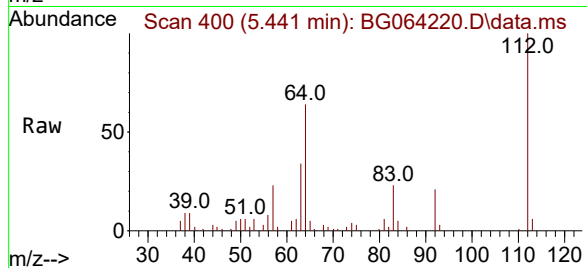
#5
2-Fluorophenol
Concen: 19.619 ng
RT: 5.441 min Scan# 401
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

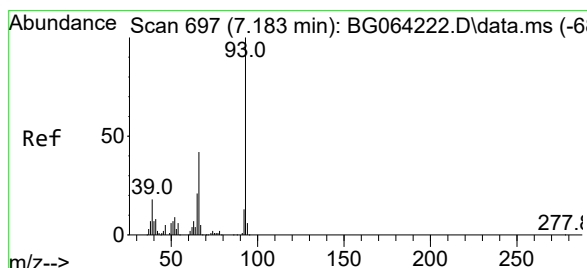
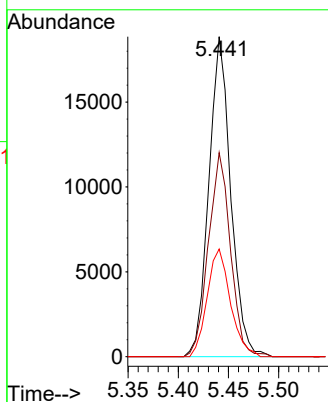
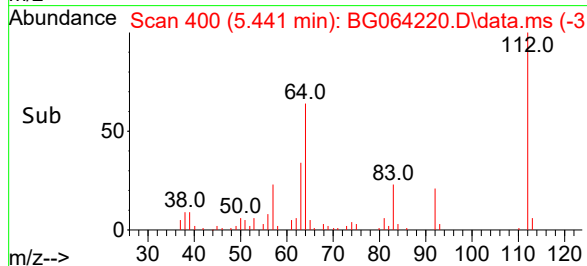


Tgt Ion:112 Resp: 28574
Ion Ratio Lower Upper
112 100
64 63.8 51.8 77.6
63 33.7 30.6 45.8

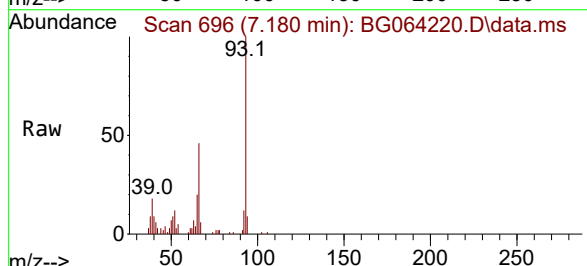
Manual Integrations

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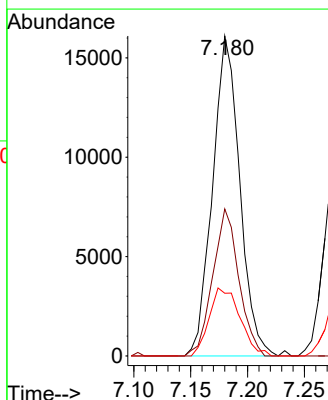
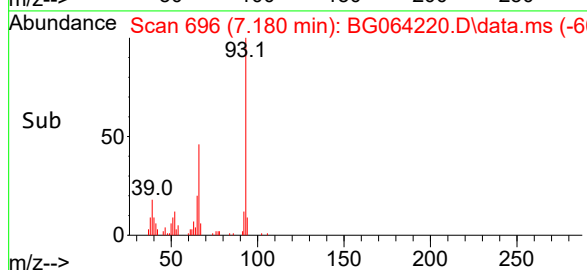
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

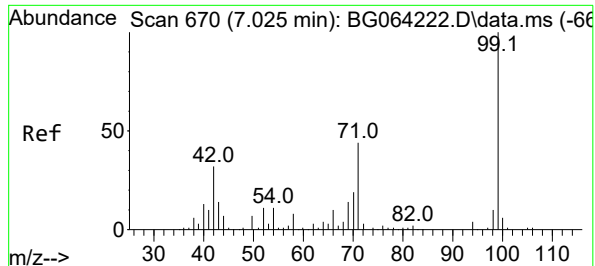


#6
Aniline
Concen: 9.672 ng
RT: 7.180 min Scan# 696
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12



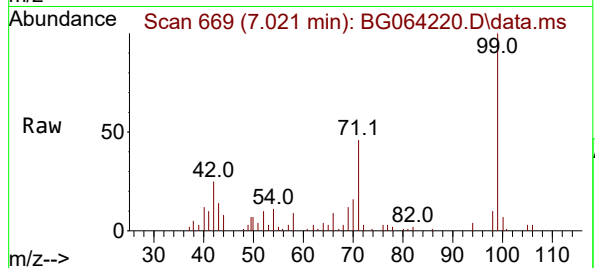
Tgt Ion: 93 Resp: 26763
Ion Ratio Lower Upper
93 100
66 46.0 33.8 50.8
65 19.6 16.9 25.3





#7
Phenol-d6
Concen: 19.383 ng
RT: 7.021 min Scan# 609
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

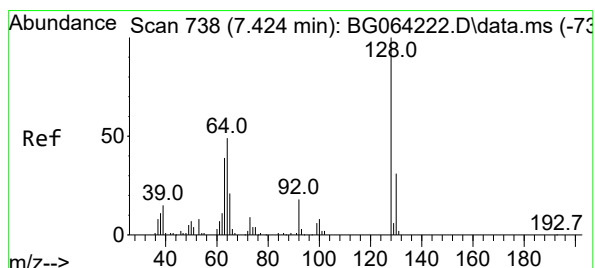
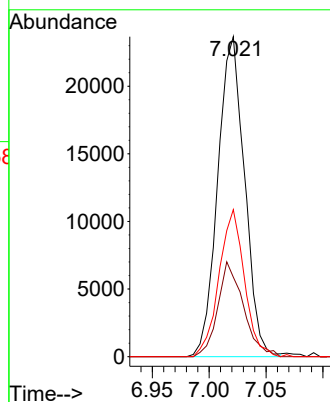
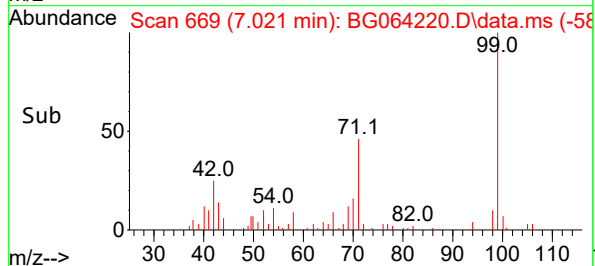
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion: 99 Resp: 38784
Ion Ratio Lower Upper
99 100
42 24.8 25.8 38.8
71 45.9 35.2 52.8

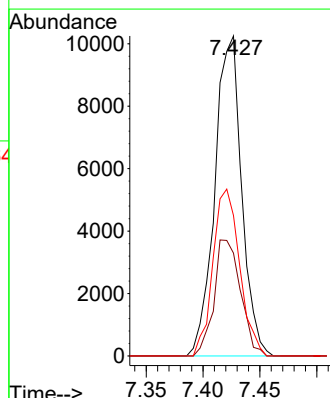
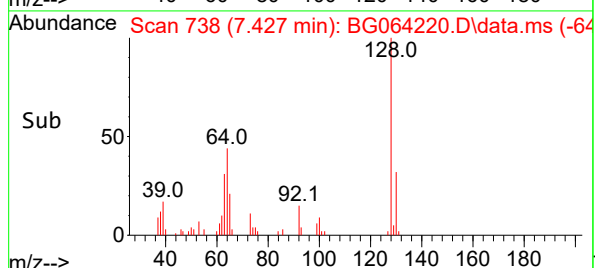
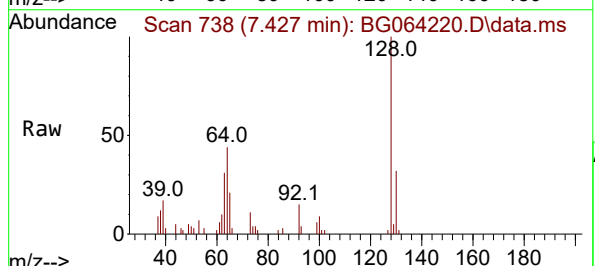
Manual Integrations
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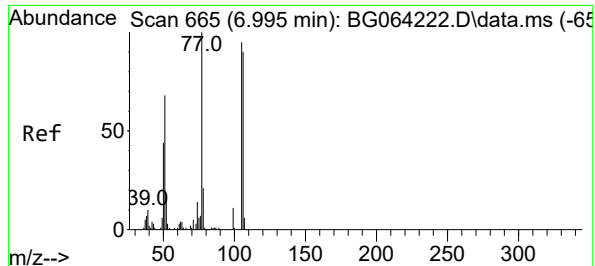
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#8
2-Chlorophenol
Concen: 9.447 ng
RT: 7.427 min Scan# 738
Delta R.T. 0.002 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:128 Resp: 16813
Ion Ratio Lower Upper
128 100
130 32.1 10.9 50.9
64 43.9 28.7 68.7





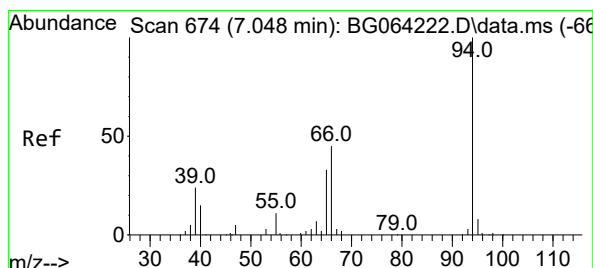
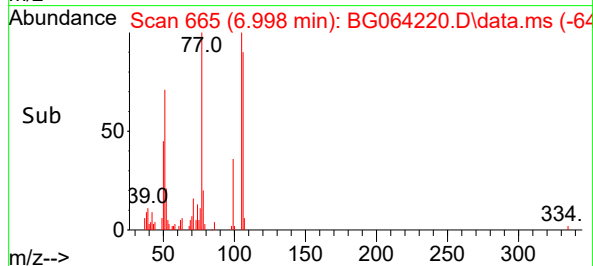
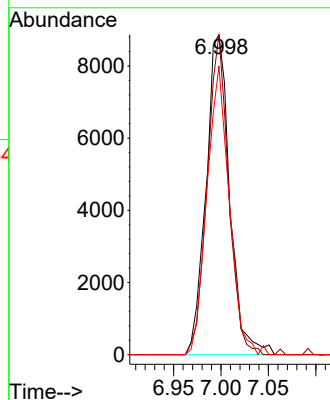
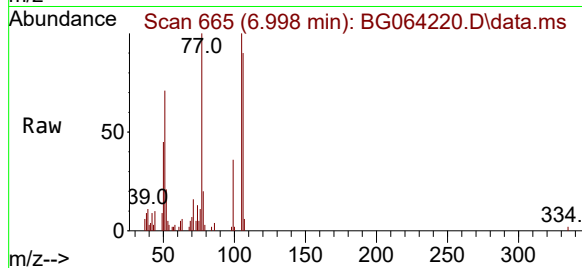
#9
Benzaldehyde
Concen: 9.374 ng
RT: 6.998 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 15430
Ion Ratio Lower Upper
77 100
105 100.0 75.2 115.2
106 90.1 69.6 109.6

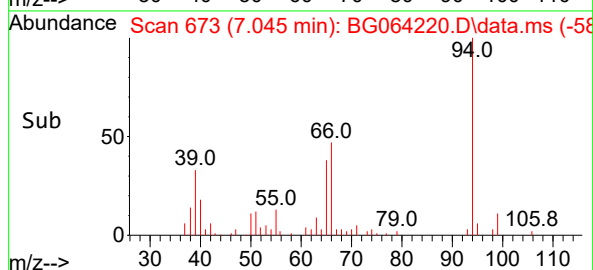
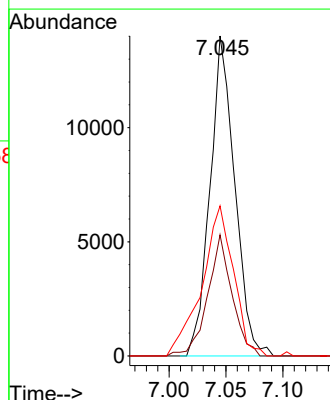
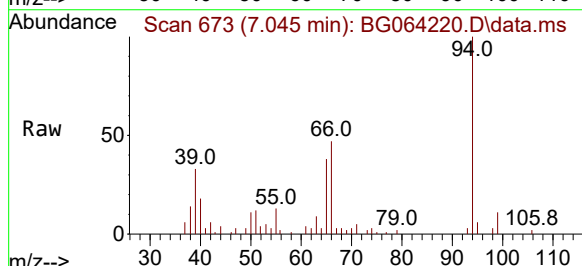
Manual Integrations
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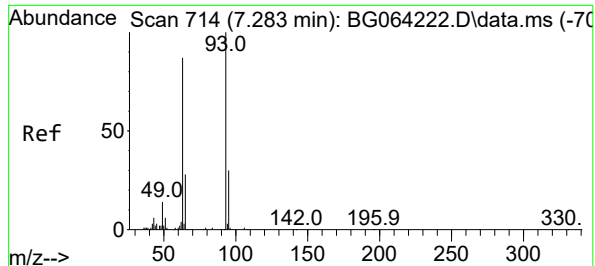
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#10
Phenol
Concen: 9.637 ng
RT: 7.045 min Scan# 673
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion: 94 Resp: 21260
Ion Ratio Lower Upper
94 100
65 37.9 13.5 53.5
66 46.9 26.2 66.2





#11

bis(2-Chloroethyl)ether

Concen: 9.953 ng

RT: 7.280 min Scan# 714

Delta R.T. -0.004 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion: 93 Resp: 16500

Ion Ratio Lower Upper

93 100

63 98.6 66.2 106.2

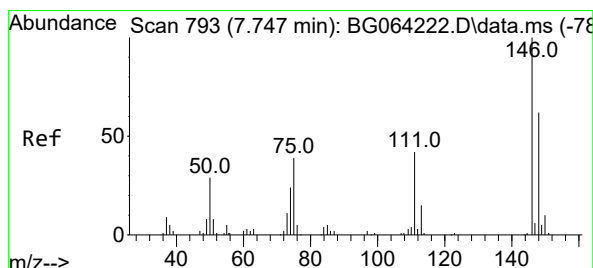
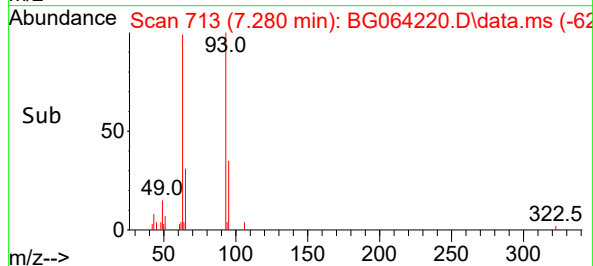
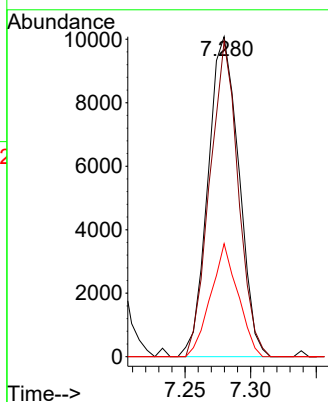
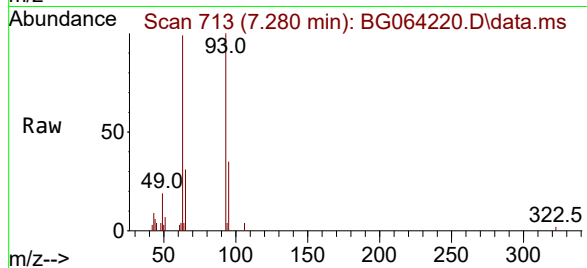
95 35.3 9.8 49.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#12

1,3-Dichlorobenzene

Concen: 10.216 ng

RT: 7.744 min Scan# 792

Delta R.T. -0.004 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

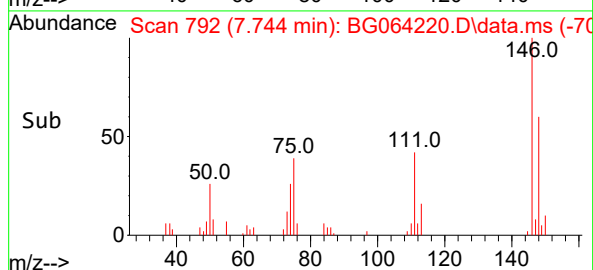
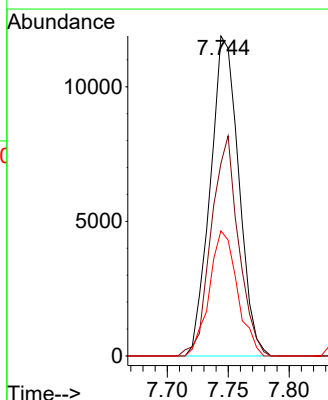
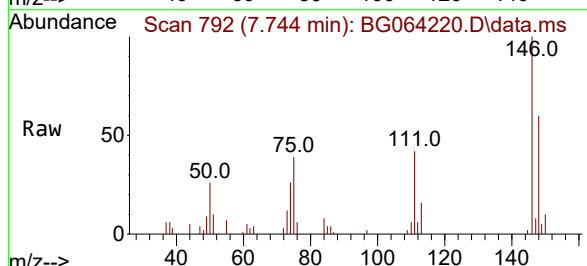
Tgt Ion:146 Resp: 19342

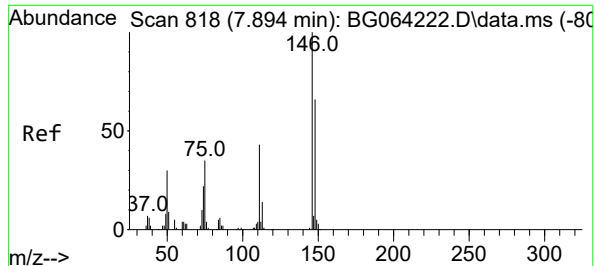
Ion Ratio Lower Upper

146 100

148 60.1 49.6 74.4

75 39.1 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 10.407 ng

RT: 7.891 min Scan# 818

Delta R.T. -0.004 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

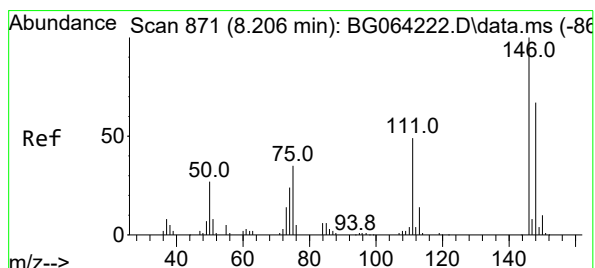
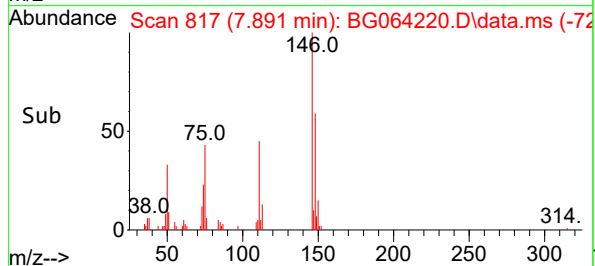
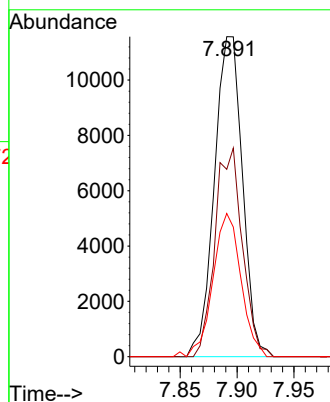
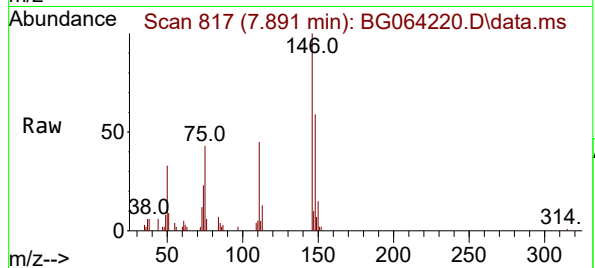
Tgt Ion	146	148	111
Resp:	1988	58.6	44.8
Lower		52.8	34.1
Upper		79.2	51.1

Manual Integrations

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Supervised By :Jagrut Upadhyay 08/29/2025



#14

1,2-Dichlorobenzene

Concen: 10.327 ng

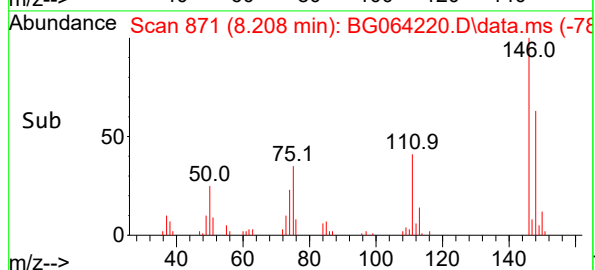
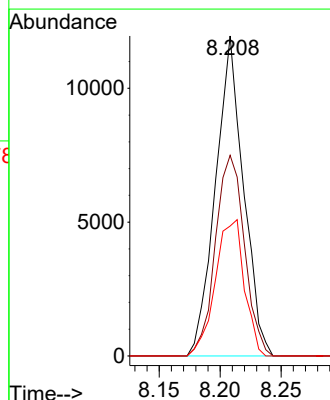
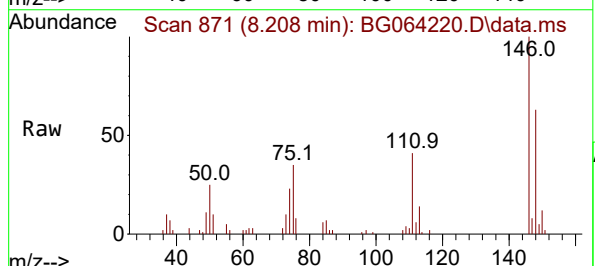
RT: 8.208 min Scan# 871

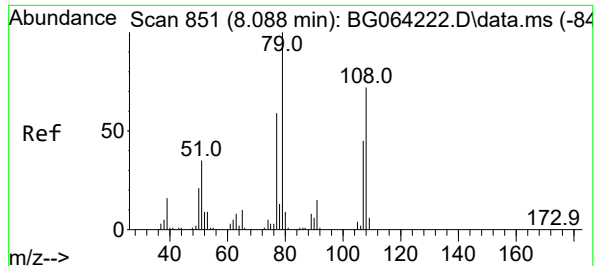
Delta R.T. -0.004 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Tgt Ion	146	148	111
Resp:	19045	62.7	40.6
Lower		53.4	39.1
Upper		80.0	58.7





#15

Benzyl Alcohol

Concen: 9.179 ng

RT: 8.091 min Scan# 81

Delta R.T. -0.004 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion: 79 Resp: 1694

Ion Ratio Lower Upper

79 100

108 78.6 57.4 86.0

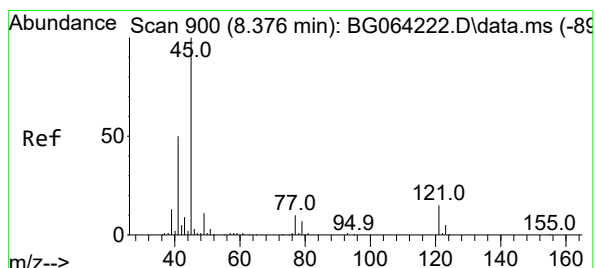
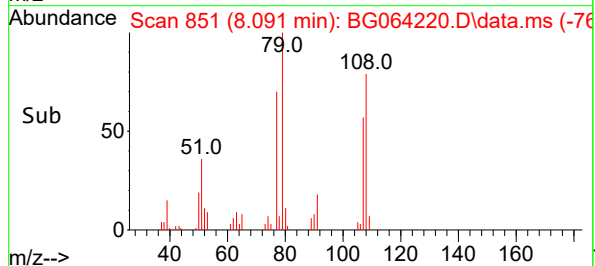
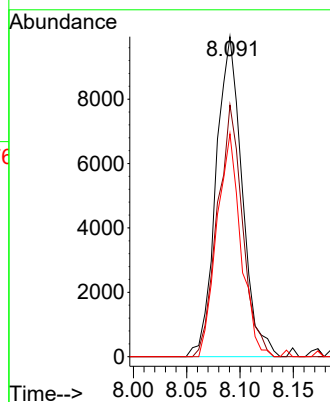
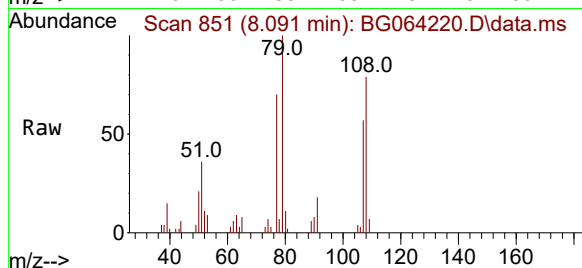
77 69.6 47.2 70.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.079 ng

RT: 8.378 min Scan# 900

Delta R.T. 0.002 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

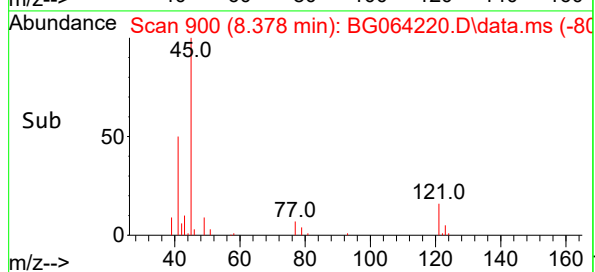
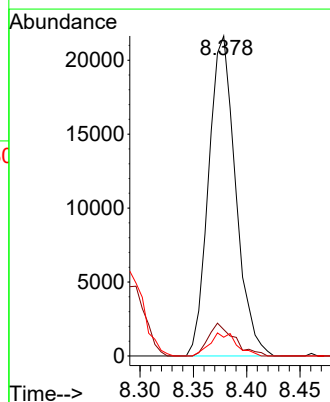
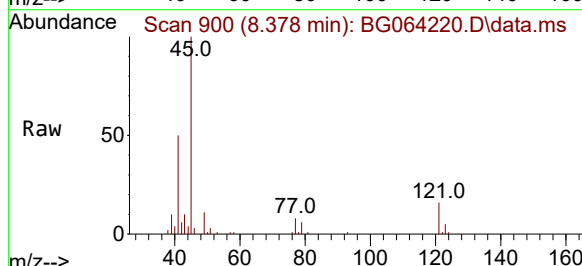
Tgt Ion: 45 Resp: 38145

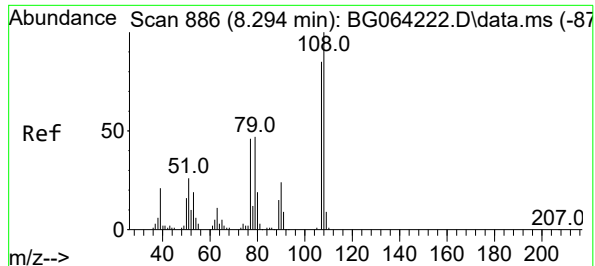
Ion Ratio Lower Upper

45 100

77 8.3 0.0 30.0

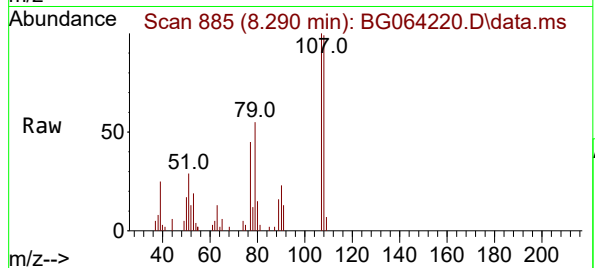
79 5.8 0.0 27.9





#17
2-Methylphenol
Concen: 9.876 ng
RT: 8.290 min Scan# 886
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

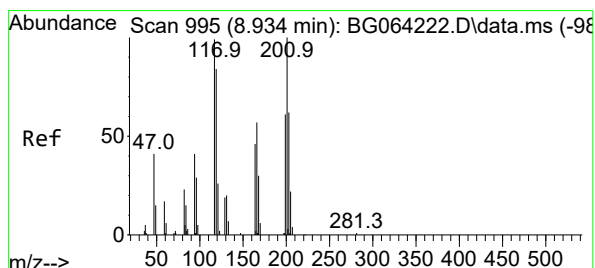
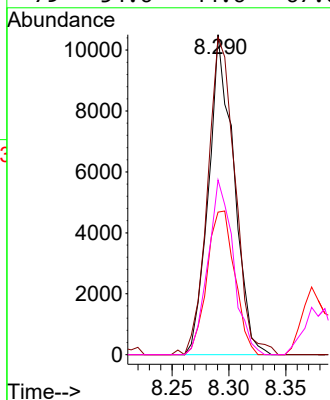
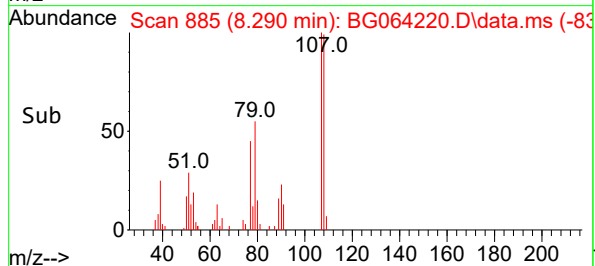
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:107 Resp: 16238
Ion Ratio Lower Upper
107 100
108 99.2 94.6 141.8
77 44.6 43.7 65.5
79 54.6 44.6 67.0

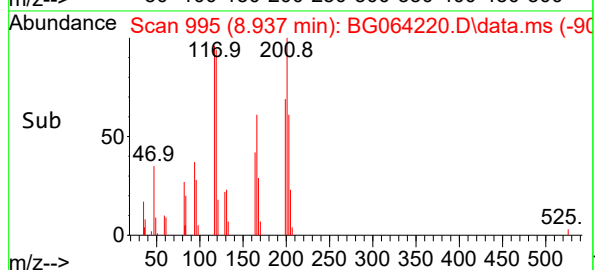
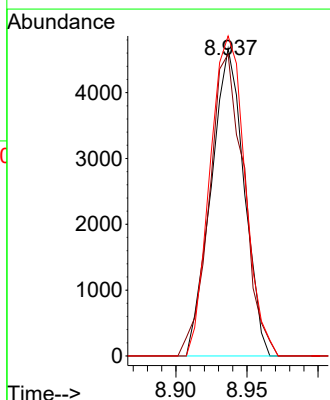
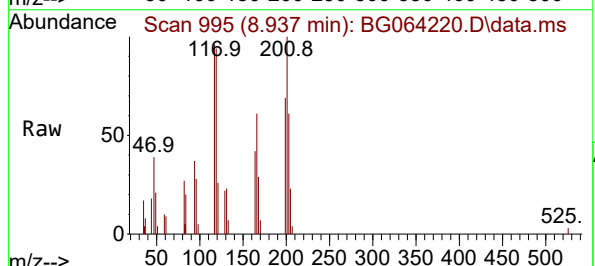
Manual Integrations
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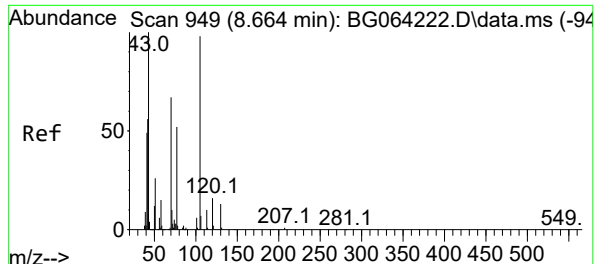
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#18
Hexachloroethane
Concen: 10.121 ng
RT: 8.937 min Scan# 995
Delta R.T. 0.002 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:117 Resp: 7549
Ion Ratio Lower Upper
117 100
119 98.1 67.9 101.9
201 104.0 80.5 120.7





#19

n-Nitroso-di-n-propylamine

Concen: 9.893 ng

RT: 8.655 min Scan# 94

Delta R.T. -0.009 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 15150

Ion Ratio Lower Upper

70 100

42 89.9 67.9 101.9

101 6.9 7.3 10.9

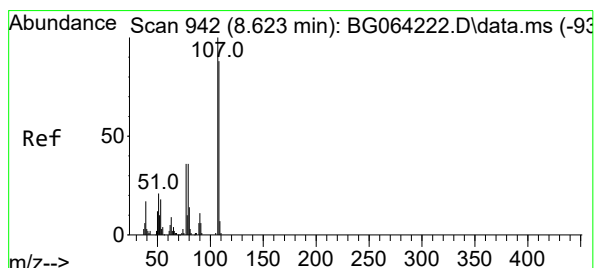
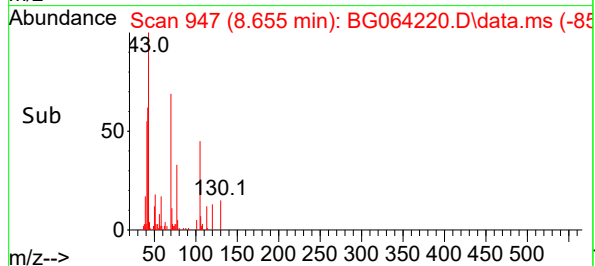
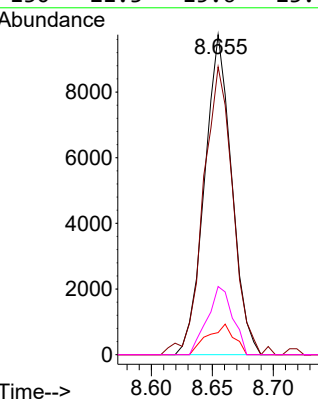
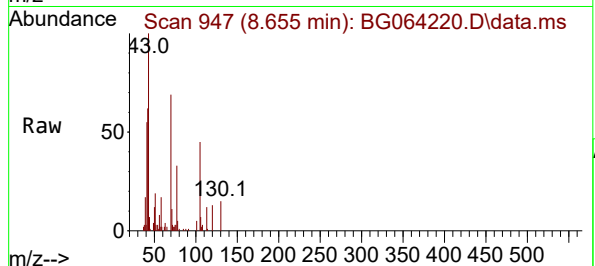
130 21.3 15.6 23.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#20

3+4-Methylphenols

Concen: 9.917 ng

RT: 8.619 min Scan# 941

Delta R.T. -0.009 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Tgt Ion:107 Resp: 22656

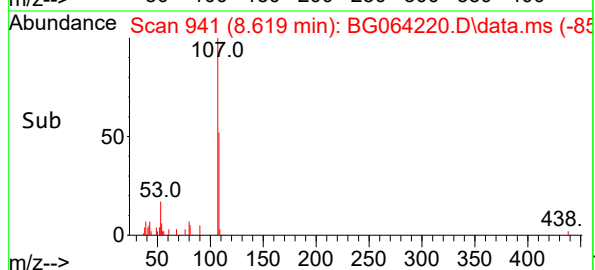
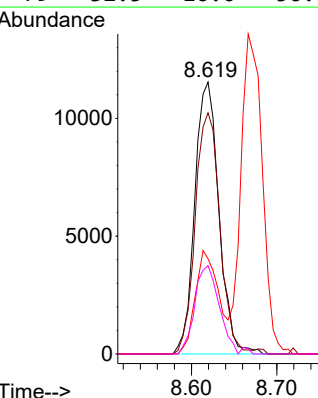
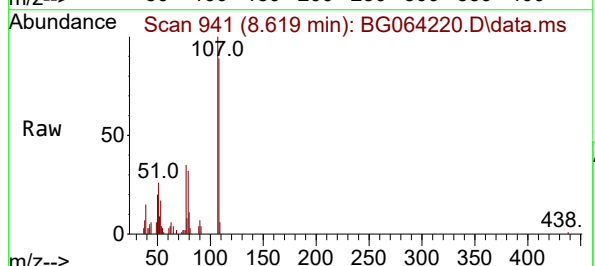
Ion Ratio Lower Upper

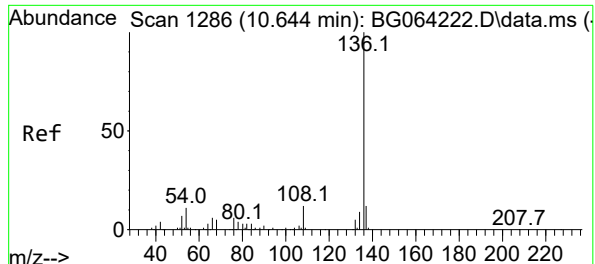
107 100

108 88.7 68.1 108.1

77 35.0 15.9 55.9

79 32.5 16.0 56.0





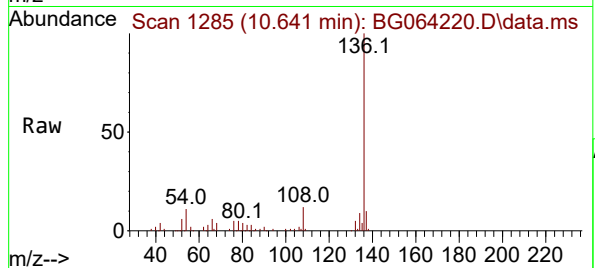
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.641 min Scan# 1287
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

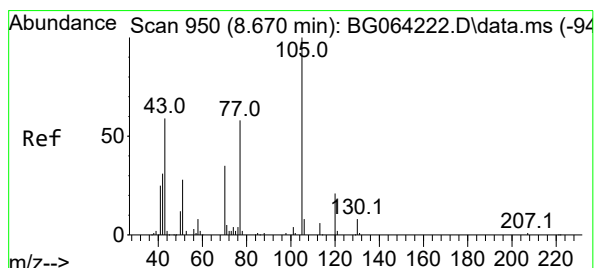
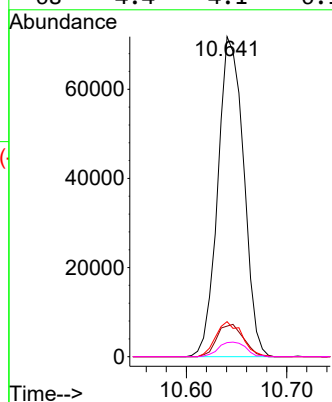
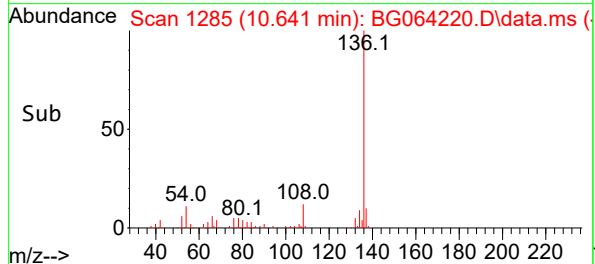


Tgt Ion:136 Resp: 12827
Ion Ratio Lower Upper
136 100
137 9.6 9.6 14.4
54 11.0 8.8 13.2
68 4.4 4.1 6.1

Manual Integrations

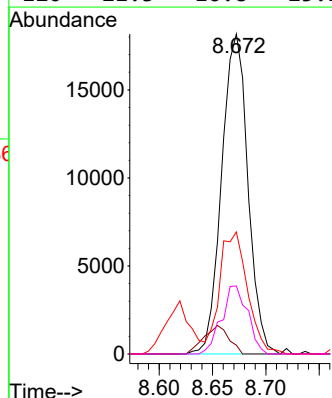
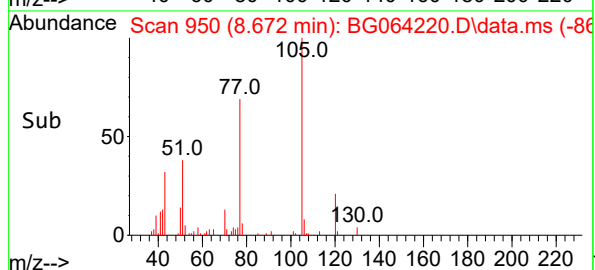
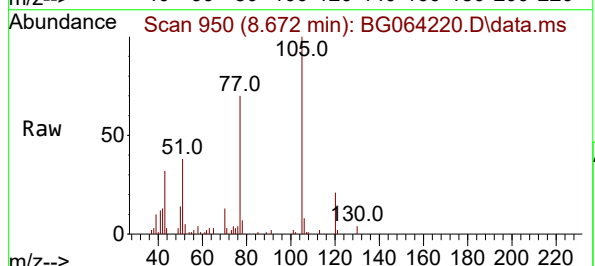
APPROVED

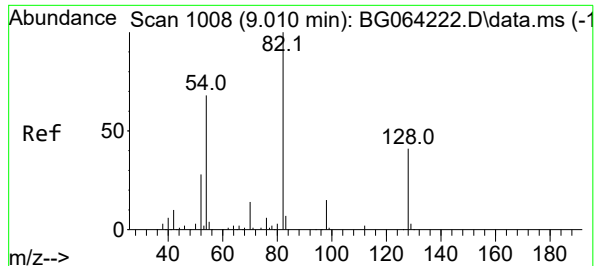
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#22
Acetophenone
Concen: 9.579 ng
RT: 8.672 min Scan# 950
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:105 Resp: 31085
Ion Ratio Lower Upper
105 100
71 2.8 4.3 6.5
51 38.2 32.4 48.6
120 21.3 16.8 25.2





#23

Nitrobenzene-d5

Concen: 18.968 ng

RT: 9.007 min Scan# 1007

Delta R.T. -0.009 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion: 82 Resp: 4362

Ion Ratio Lower Upper

82 100

128 41.1 32.6 48.8

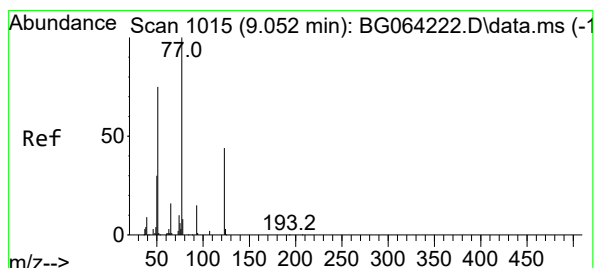
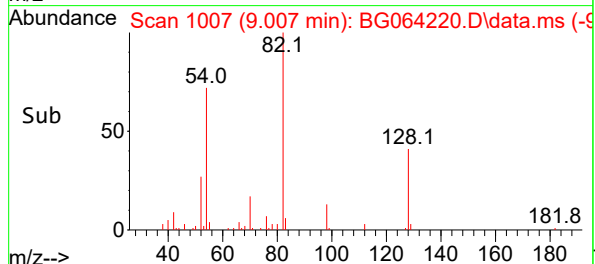
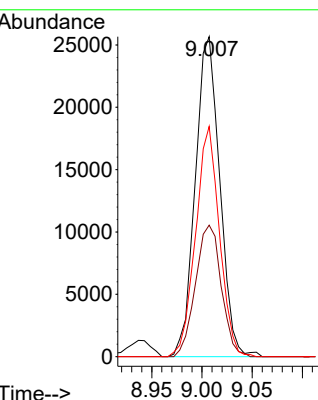
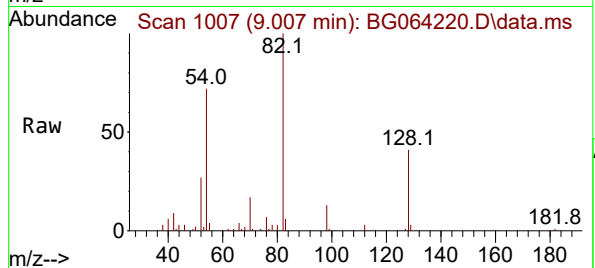
54 71.9 54.7 82.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#24

Nitrobenzene

Concen: 9.279 ng

RT: 9.048 min Scan# 1014

Delta R.T. -0.009 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

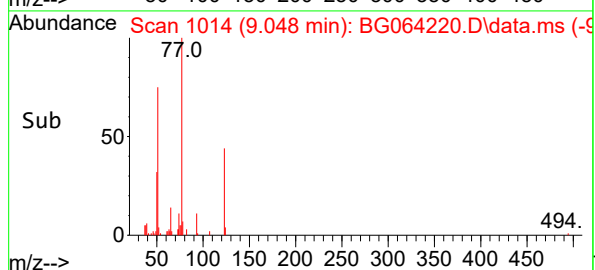
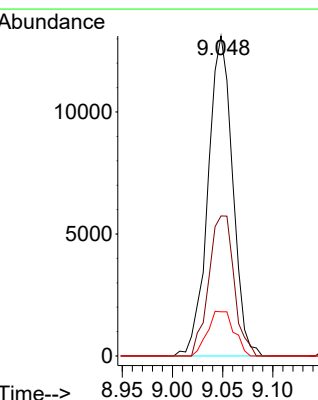
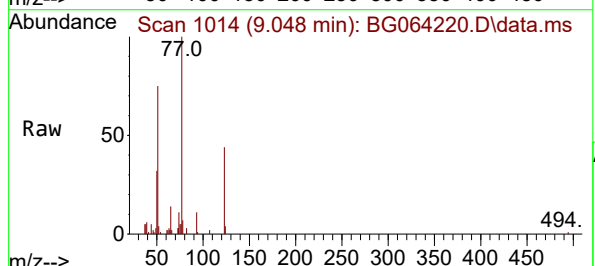
Tgt Ion: 77 Resp: 22299

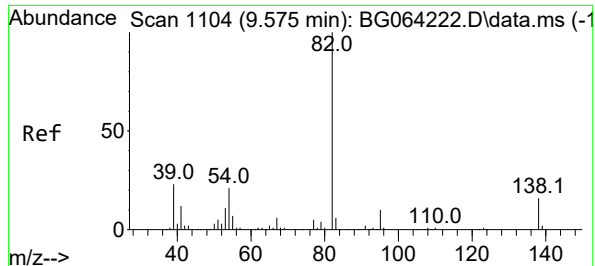
Ion Ratio Lower Upper

77 100

123 43.7 35.2 52.8

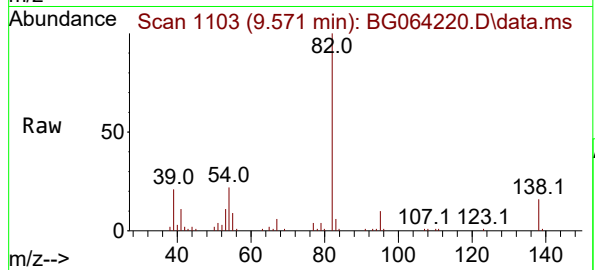
65 13.8 12.6 19.0





#25
Isophorone
Concen: 9.695 ng
RT: 9.571 min Scan# 1103
Delta R.T. -0.015 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

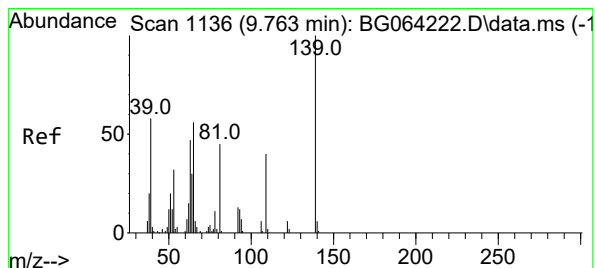
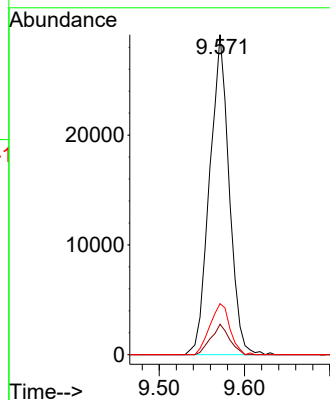
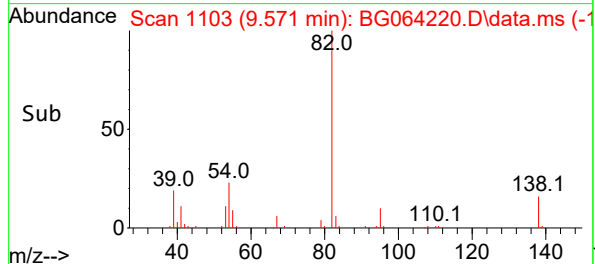
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion: 82 Resp: 4634
Ion Ratio Lower Upper
82 100
95 9.5 7.9 11.9
138 15.9 13.0 19.4

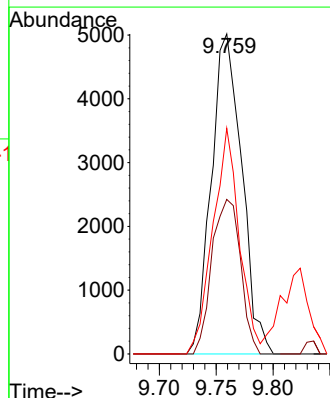
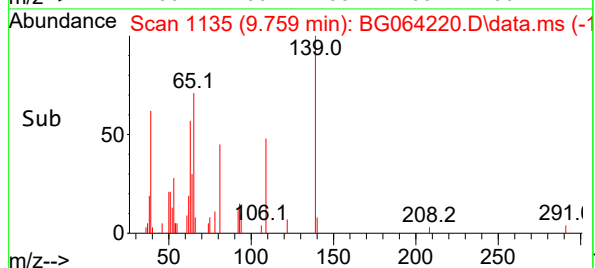
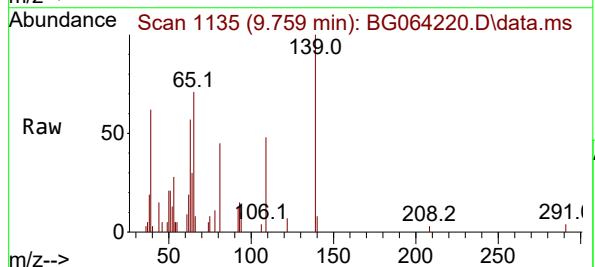
Manual Integrations
APPROVED

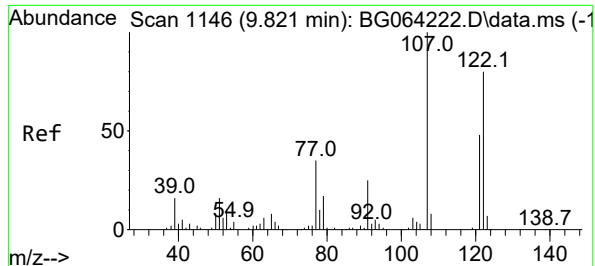
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#26
2-Nitrophenol
Concen: 8.988 ng
RT: 9.759 min Scan# 1135
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:139 Resp: 9333
Ion Ratio Lower Upper
139 100
109 48.3 32.4 48.6
65 70.5 44.6 67.0#





#27

2,4-Dimethylphenol

Concen: 9.533 ng

RT: 9.818 min Scan# 1146

Delta R.T. -0.009 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Instrument :

BNA_G

ClientSampleId :

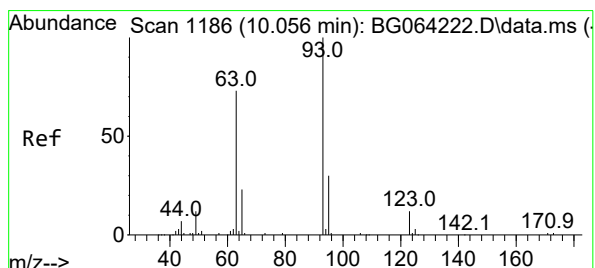
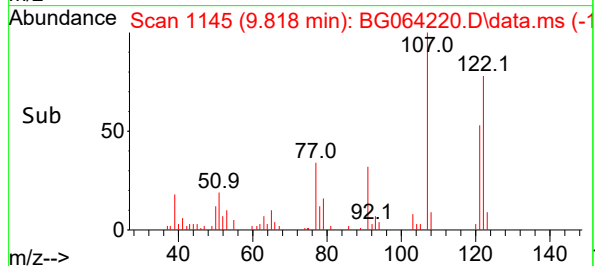
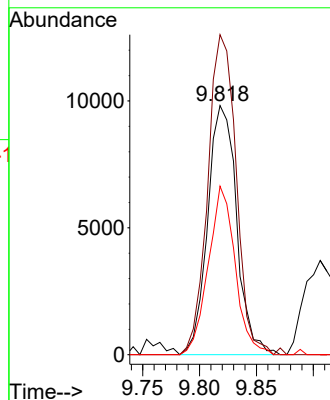
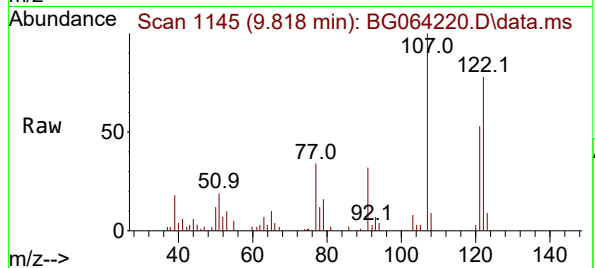
SSTDICC010

Tgt Ion:122 Resp: 17379
Ion Ratio Lower Upper
122 100
107 128.4 99.9 149.9
121 67.7 48.6 72.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#28

bis(2-Chloroethoxy)methane

Concen: 9.975 ng

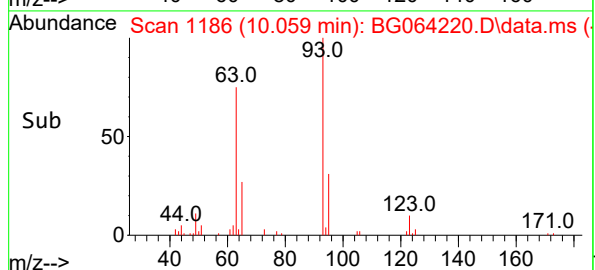
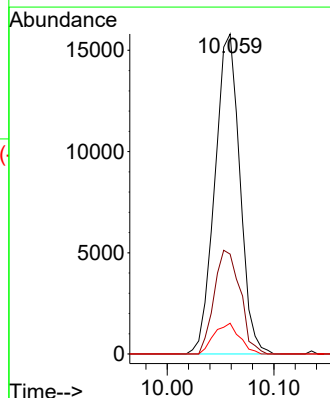
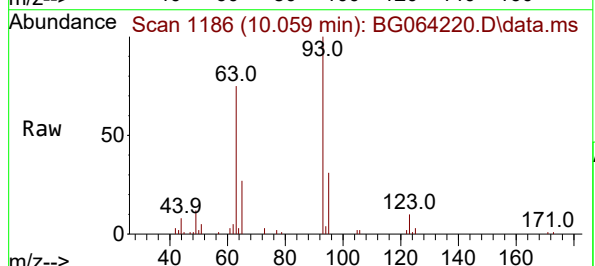
RT: 10.059 min Scan# 1186

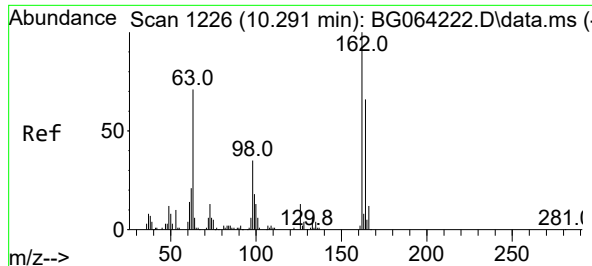
Delta R.T. -0.004 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Tgt Ion: 93 Resp: 25711
Ion Ratio Lower Upper
93 100
95 31.2 23.9 35.9
123 9.6 9.6 14.4#





#29

2,4-Dichlorophenol

Concen: 9.278 ng

RT: 10.288 min Scan# 1225

Delta R.T. -0.009 min

Lab File: BG064220.D

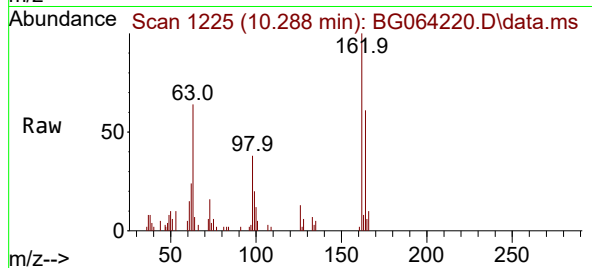
Acq: 28 Aug 2025 12:12

Instrument :

BNA_G

ClientSampleId :

SSTDICC010



Tgt Ion:162 Resp: 1784

Ion Ratio Lower Upper

162 100

164 61.3 45.8 85.8

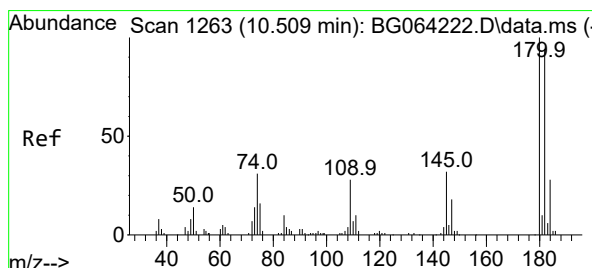
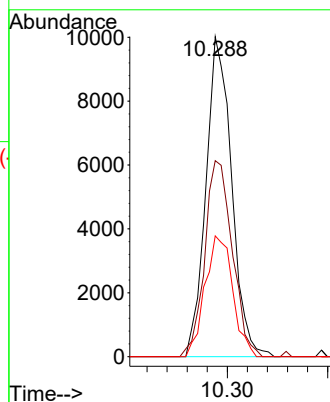
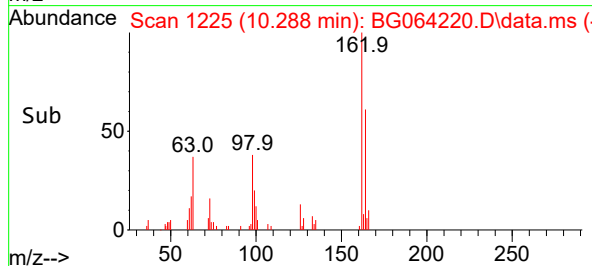
98 37.8 15.2 55.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#30

1,2,4-Trichlorobenzene

Concen: 9.646 ng

RT: 10.505 min Scan# 1262

Delta R.T. -0.004 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

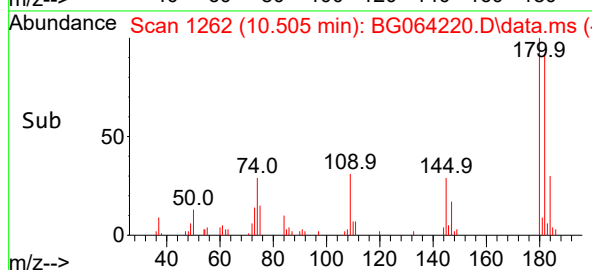
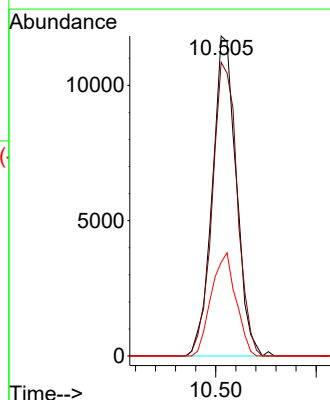
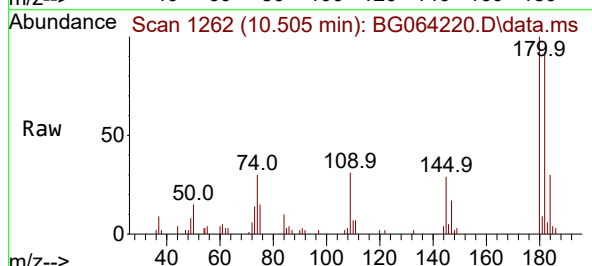
Tgt Ion:180 Resp: 19563

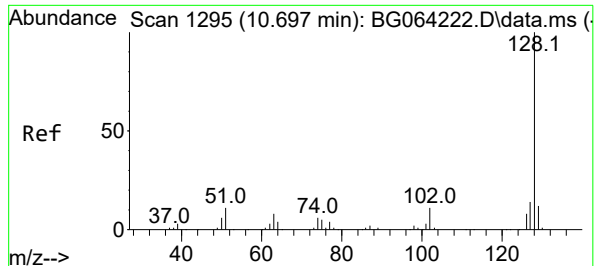
Ion Ratio Lower Upper

180 100

182 91.8 75.0 112.6

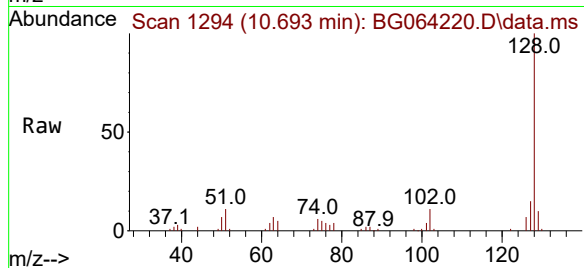
145 29.2 25.4 38.0





#31
Naphthalene
Concen: 9.758 ng
RT: 10.693 min Scan# 1160
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

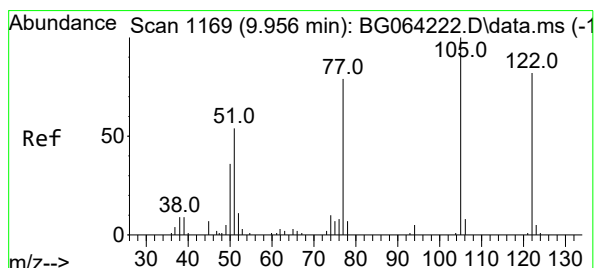
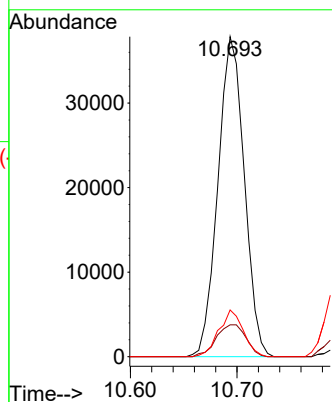
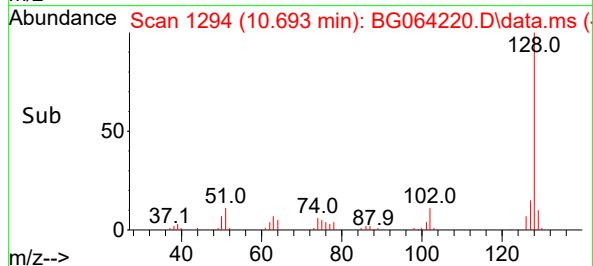
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:128 Resp: 64900
Ion Ratio Lower Upper
128 100
129 10.0 9.4 14.2
127 14.6 10.9 16.3

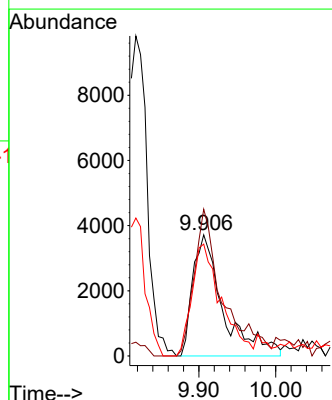
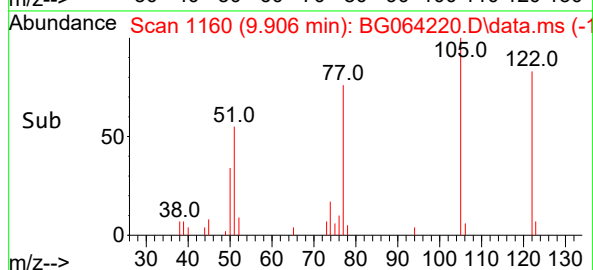
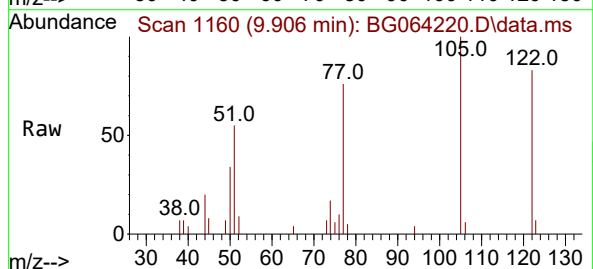
Manual Integrations
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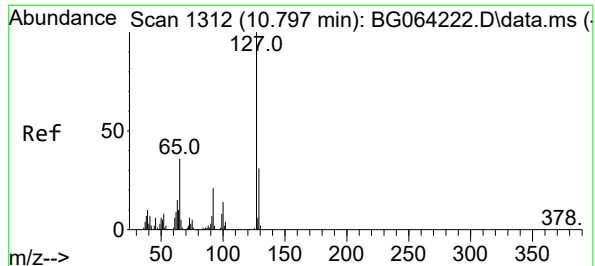
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#32
Benzoic acid
Concen: 7.064 ng m
RT: 9.906 min Scan# 1160
Delta R.T. -0.109 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

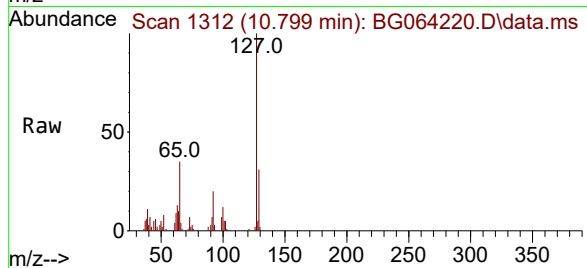
Tgt Ion:122 Resp: 10223
Ion Ratio Lower Upper
122 100
105 121.2 98.5 138.5
77 92.4 74.6 114.6





#33
4-Chloroaniline
Concen: 9.420 ng
RT: 10.799 min Scan# 1312
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

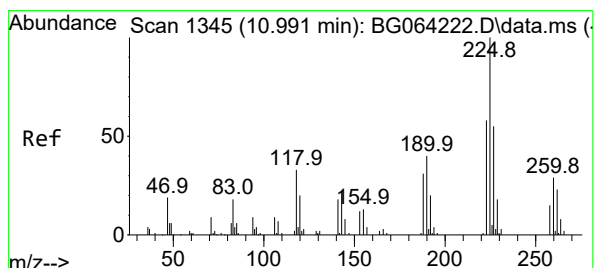
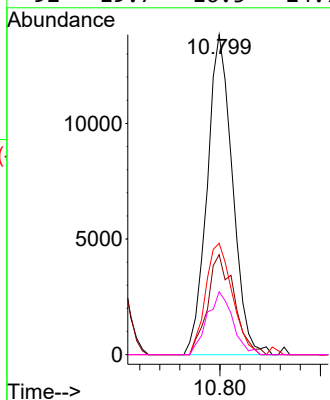
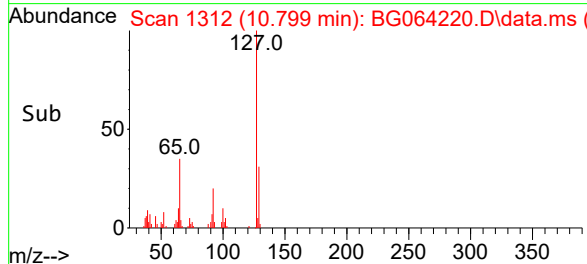
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



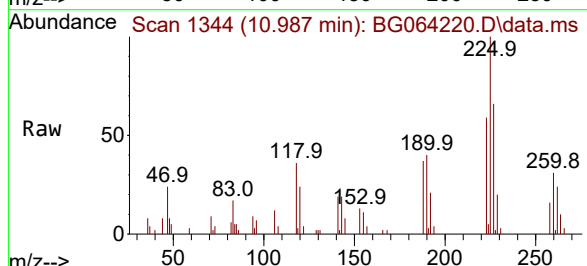
Tgt Ion:127 Resp: 2428
Ion Ratio Lower Upper
127 100
129 31.3 25.0 37.4
65 34.8 28.7 43.1
92 19.7 16.5 24.7

Manual Integrations
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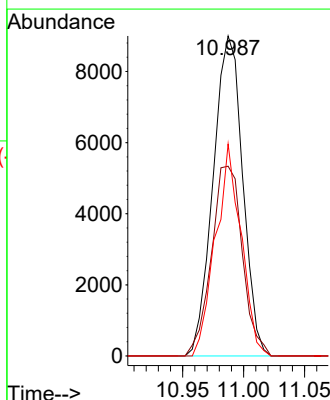
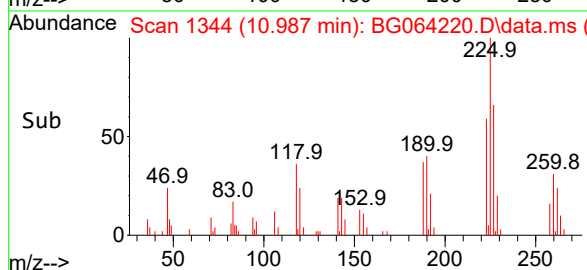
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

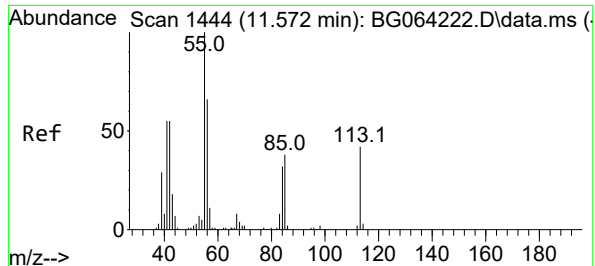


#34
Hexachlorobutadiene
Concen: 10.107 ng
RT: 10.987 min Scan# 1344
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12



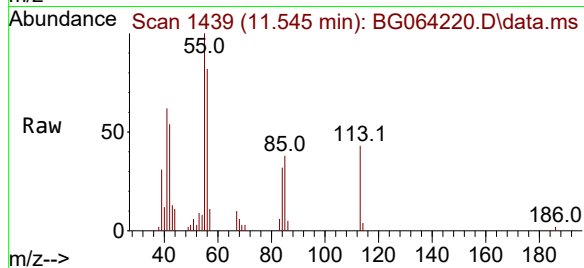
Tgt Ion:225 Resp: 15152
Ion Ratio Lower Upper
225 100
223 59.3 46.5 69.7
227 66.2 44.1 66.1#





#35
Caprolactam
Concen: 9.330 ng
RT: 11.545 min Scan# 1444
Delta R.T. -0.056 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

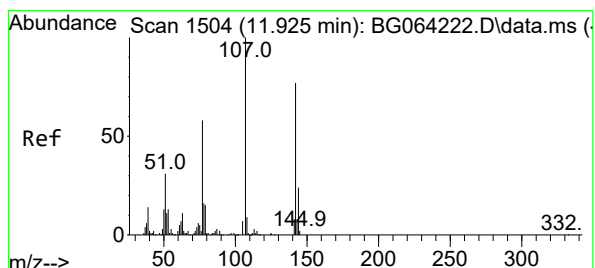
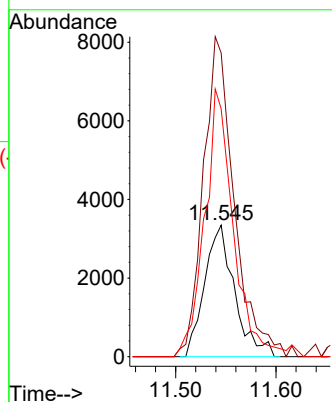
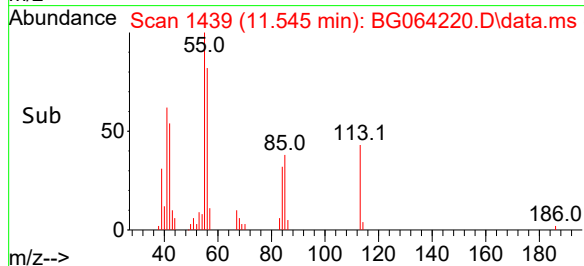
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:113 Resp: 6949
Ion Ratio Lower Upper
113 100
55 230.9 218.5 258.5
56 188.4 138.5 178.5

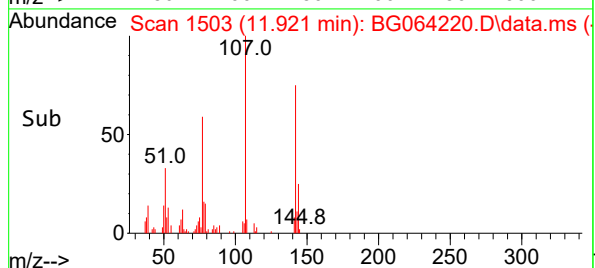
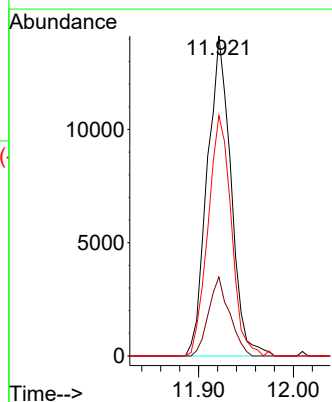
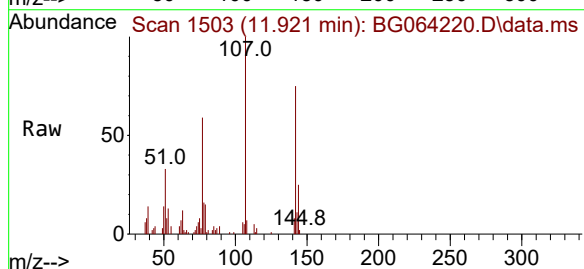
Manual Integrations
APPROVED

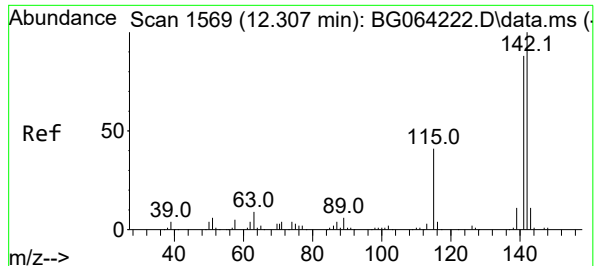
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#36
4-Chloro-3-methylphenol
Concen: 9.807 ng
RT: 11.921 min Scan# 1503
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

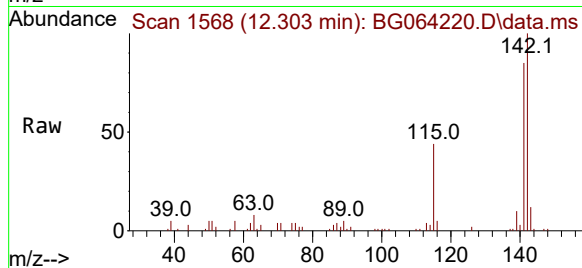
Tgt Ion:107 Resp: 24476
Ion Ratio Lower Upper
107 100
144 24.7 19.5 29.3
142 75.1 62.0 93.0





#37
2-Methylnaphthalene
Concen: 9.698 ng
RT: 12.303 min Scan# 1568
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

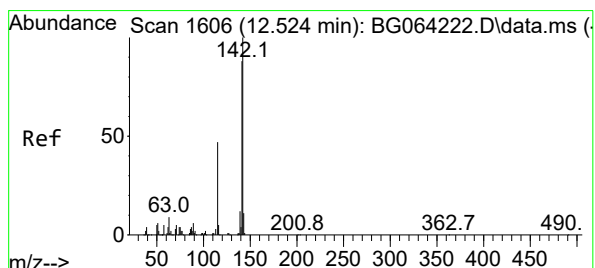
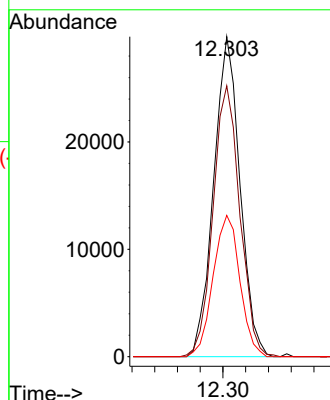
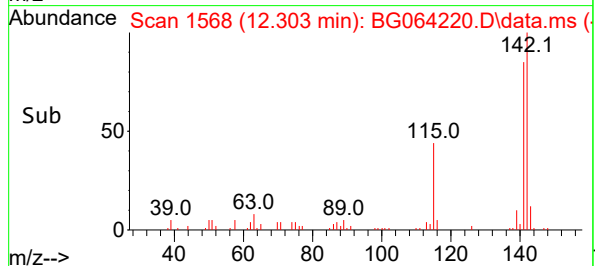
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:142 Resp: 4794
Ion Ratio Lower Upper
142 100
141 84.7 70.1 105.1
115 44.1 33.1 49.7

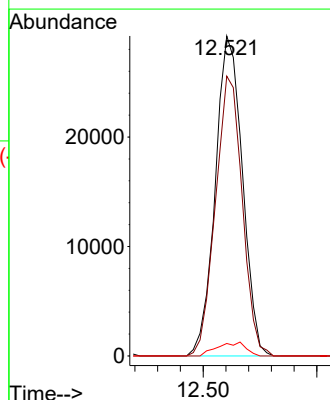
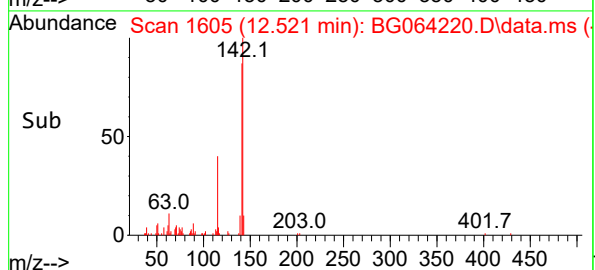
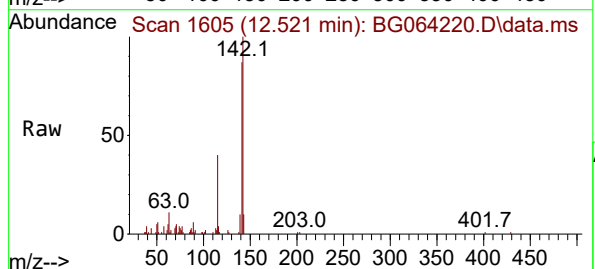
Manual Integrations
APPROVED

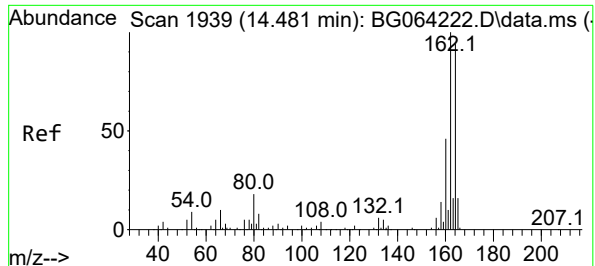
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#38
1-Methylnaphthalene
Concen: 9.914 ng
RT: 12.521 min Scan# 1605
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:142 Resp: 48414
Ion Ratio Lower Upper
142 100
141 87.4 70.3 105.5
116 3.9 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.483 min Scan# 1939

Delta R.T. 0.002 min

Lab File: BG064220.D

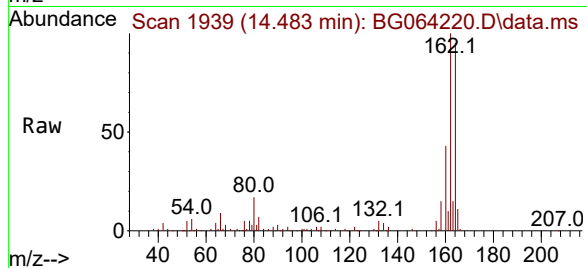
Acq: 28 Aug 2025 12:12

Instrument :

BNA_G

ClientSampleId :

SSTDICC010



Tgt Ion:164 Resp: 9417

Ion Ratio Lower Upper

164 100

162 105.0 85.4 128.0

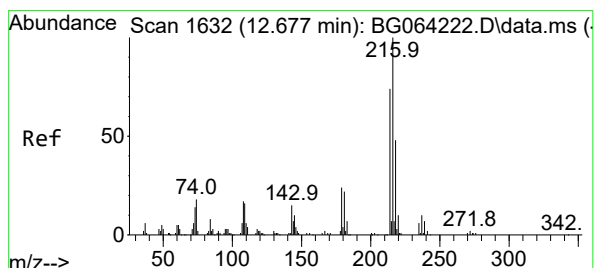
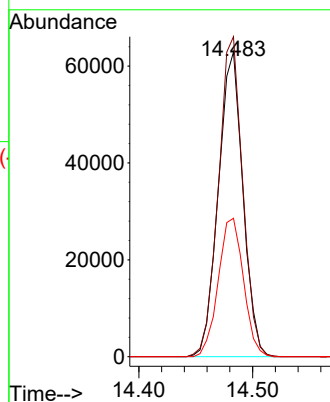
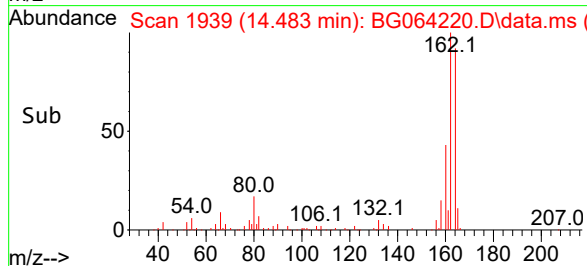
160 45.4 39.2 58.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.643 ng

RT: 12.673 min Scan# 1631

Delta R.T. -0.004 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Tgt Ion:216 Resp: 26203

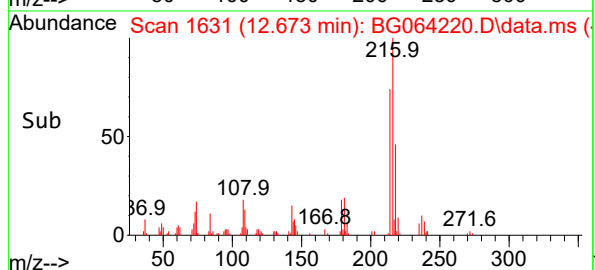
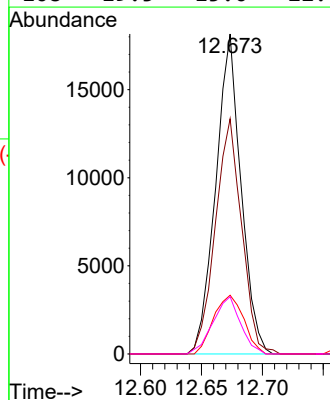
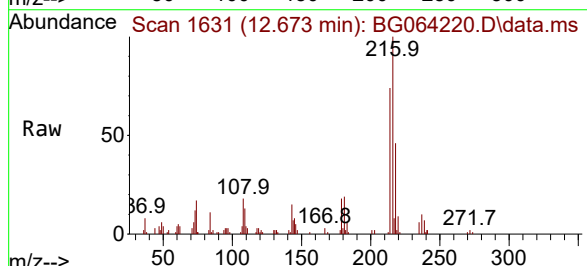
Ion Ratio Lower Upper

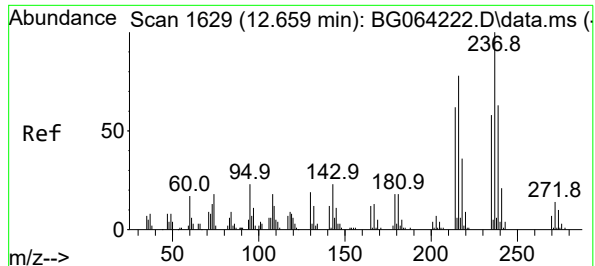
216 100

214 76.3 61.9 92.9

179 21.9 17.9 26.9

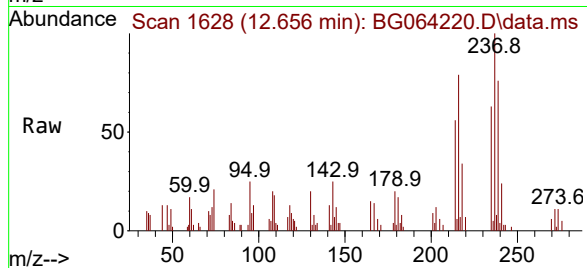
108 19.5 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 8.052 ng
RT: 12.656 min Scan# 1628
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

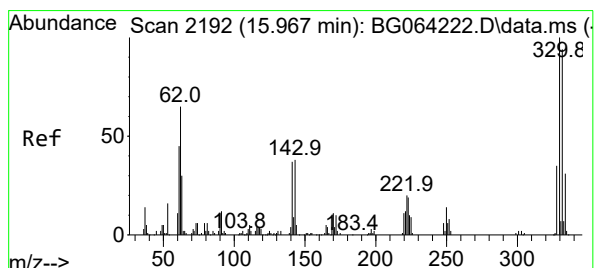
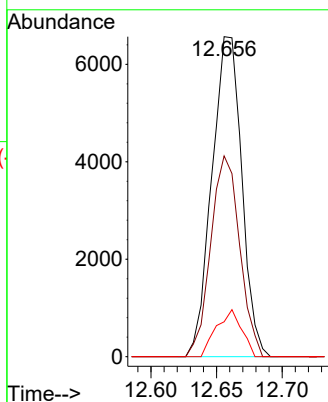
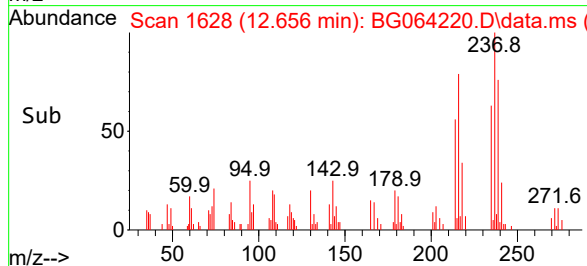
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



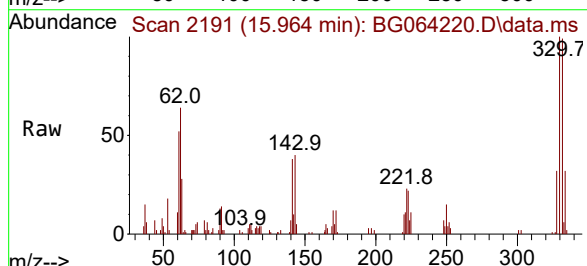
Tgt Ion: 237 Resp: 10398
Ion Ratio Lower Upper
237 100
235 62.7 37.9 77.9
272 10.9 0.0 33.8

Manual Integrations
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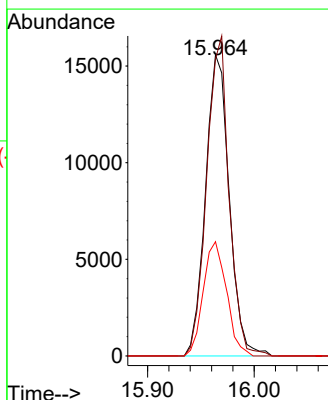
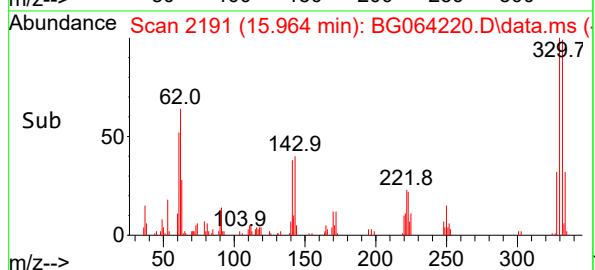
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

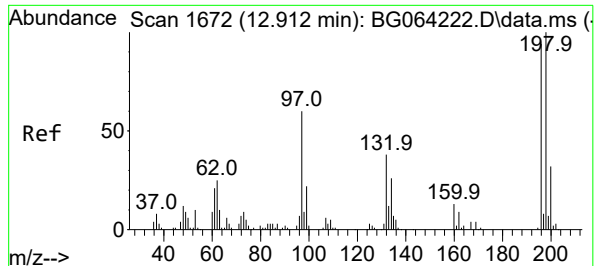


#42
2,4,6-Tribromophenol
Concen: 19.328 ng
RT: 15.964 min Scan# 2191
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12



Tgt Ion: 330 Resp: 24110
Ion Ratio Lower Upper
330 100
332 99.9 77.6 116.4
141 37.2 29.8 44.6





#43

2,4,6-Trichlorophenol

Concen: 9.391 ng

RT: 12.914 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG064220.D

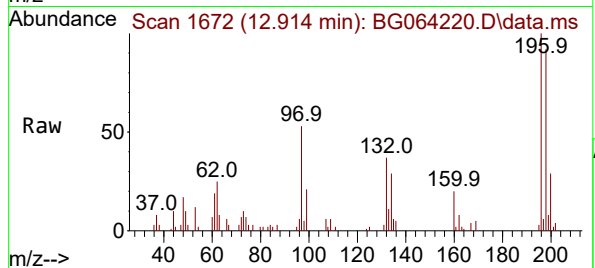
Acq: 28 Aug 2025 12:12

Instrument :

BNA_G

ClientSampleId :

SSTDICC010



Tgt Ion:196 Resp: 1705

Ion Ratio Lower Upper

196 100

198 92.4 85.4 128.2

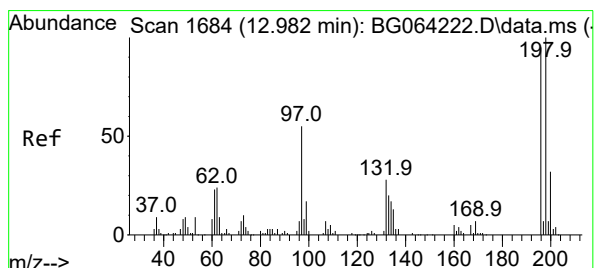
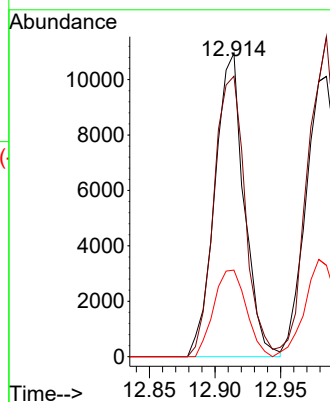
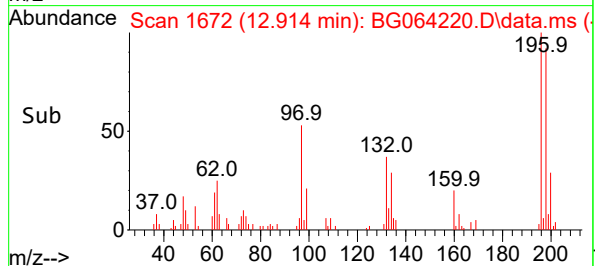
200 28.5 27.3 40.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#44

2,4,5-Trichlorophenol

Concen: 9.236 ng

RT: 12.985 min Scan# 1684

Delta R.T. -0.004 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Tgt Ion:196 Resp: 18196

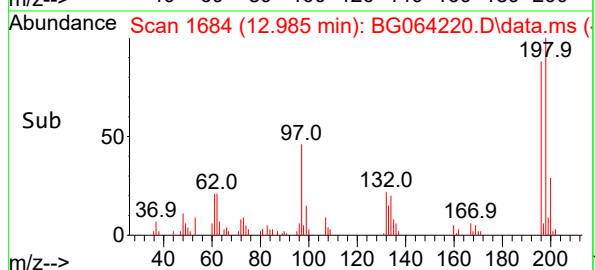
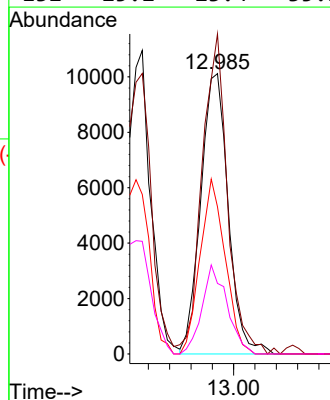
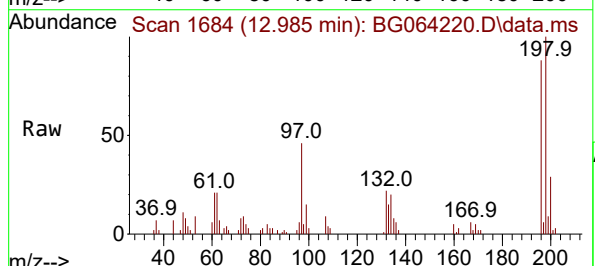
Ion Ratio Lower Upper

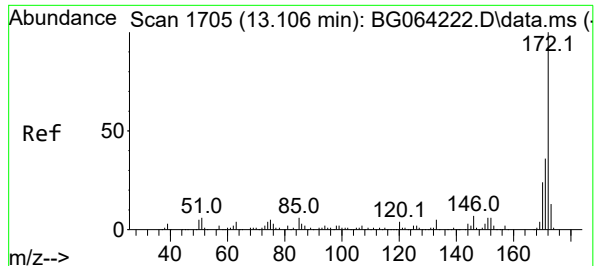
196 100

198 114.2 84.5 126.7

97 52.5 46.8 70.2

132 25.2 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 19.623 ng

RT: 13.102 min Scan# 1704

Delta R.T. -0.009 min

Lab File: BG064220.D

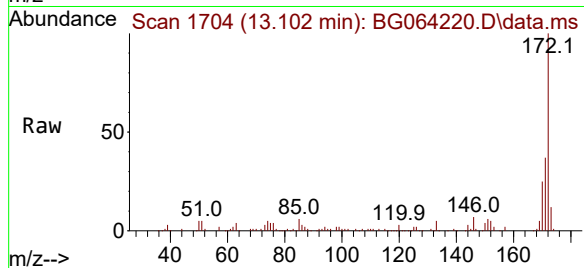
Acq: 28 Aug 2025 12:12

Instrument :

BNA_G

ClientSampleId :

SSTDICC010



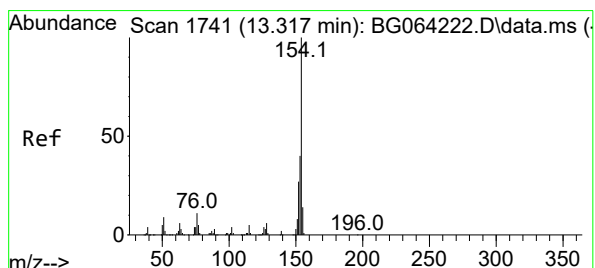
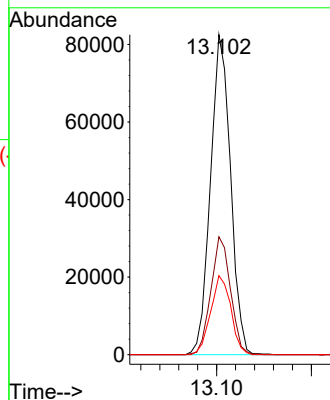
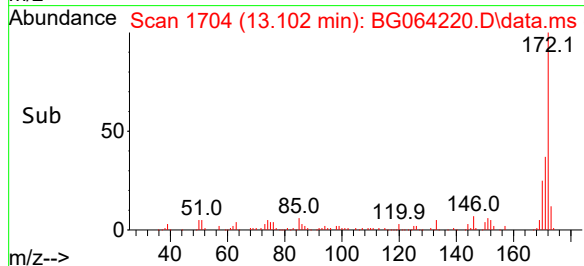
Tgt Ion:	172	Resp:	12107
Ion Ratio	Lower	Upper	
172	100		
171	36.9	28.7	43.1
170	24.7	19.0	28.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#46

1,1'-Biphenyl

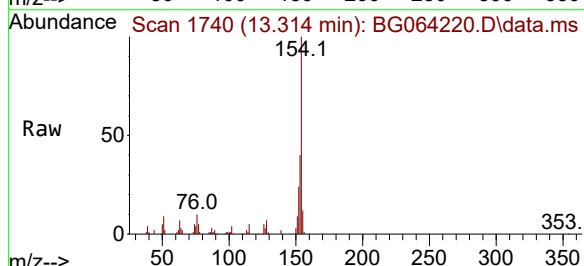
Concen: 9.691 ng

RT: 13.314 min Scan# 1740

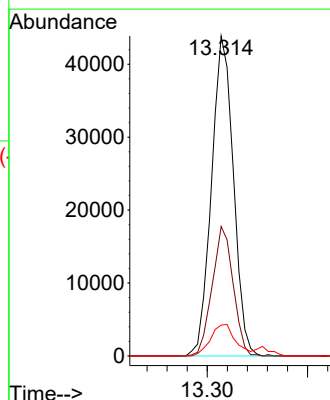
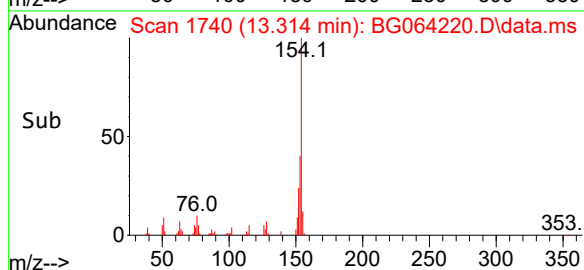
Delta R.T. -0.004 min

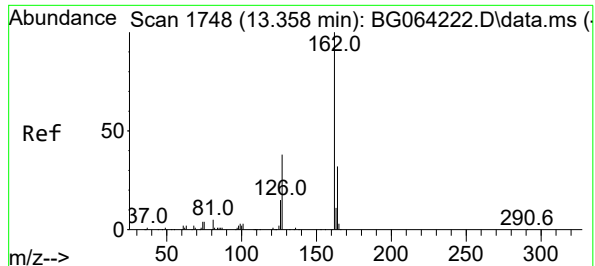
Lab File: BG064220.D

Acq: 28 Aug 2025 12:12



Tgt Ion:	154	Resp:	66470
Ion Ratio	Lower	Upper	
154	100		
153	40.5	19.9	59.9
76	9.6	0.0	30.9





#47

2-Chloronaphthalene

Concen: 9.671 ng

RT: 13.355 min Scan# 1748

Delta R.T. -0.004 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:162 Resp: 49869

Ion Ratio Lower Upper

162 100

127 45.0 33.9 50.9

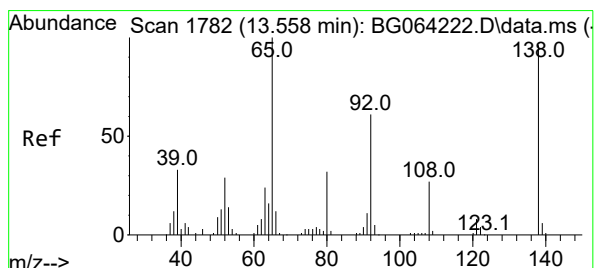
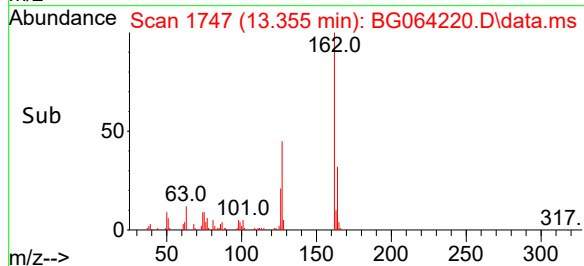
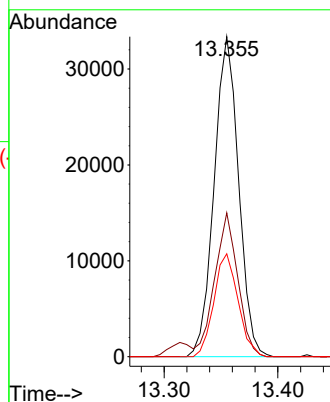
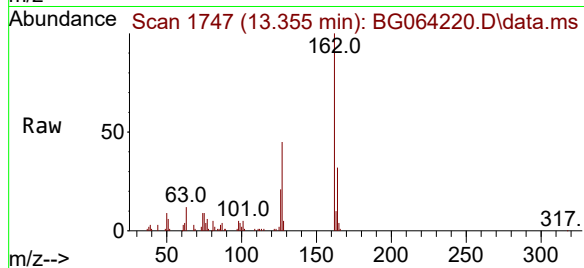
164 32.2 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#48

2-Nitroaniline

Concen: 8.811 ng

RT: 13.555 min Scan# 1781

Delta R.T. -0.009 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

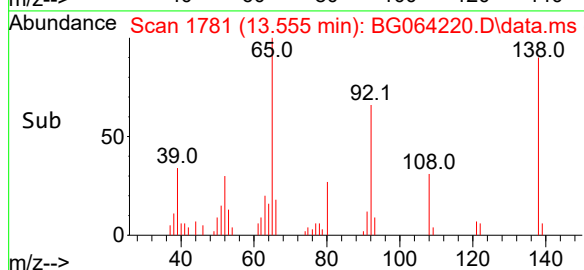
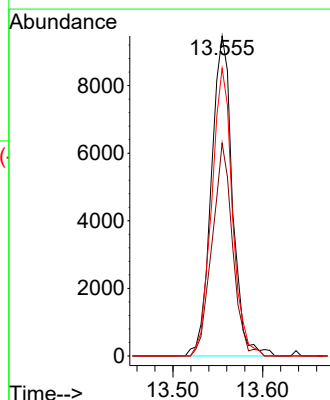
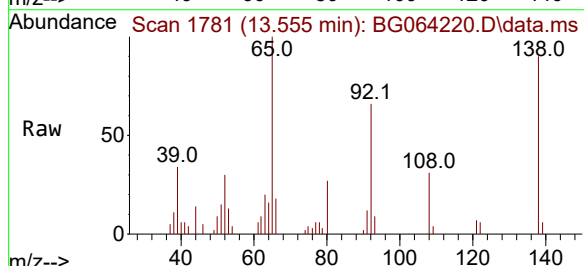
Tgt Ion: 65 Resp: 15487

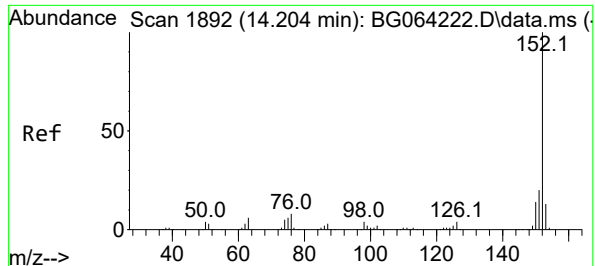
Ion Ratio Lower Upper

65 100

92 66.5 49.2 73.8

138 89.9 76.8 115.2





#49

Acenaphthylene

Concen: 9.437 ng

RT: 14.201 min Scan# 1891

Delta R.T. -0.004 min

Lab File: BG064220.D

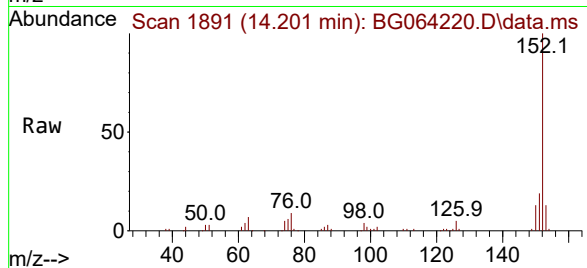
Acq: 28 Aug 2025 12:12

Instrument :

BNA_G

ClientSampleId :

SSTDICC010



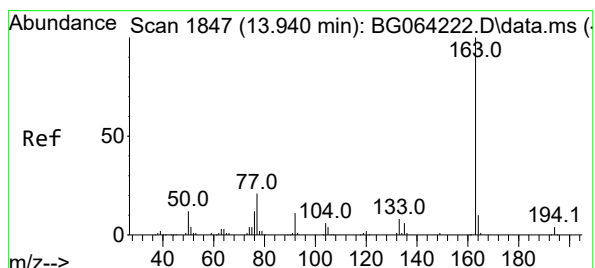
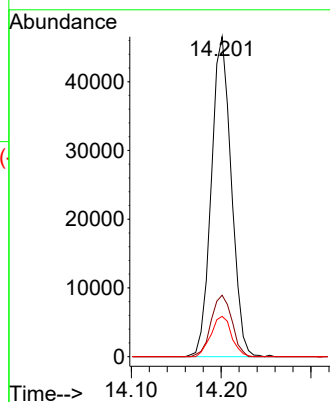
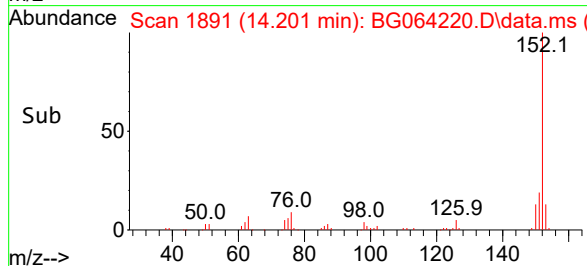
Tgt Ion:	152	Resp:	7193
Ion Ratio	Lower	Upper	
152	100		
151	19.2	16.2	24.2
153	12.6	10.1	15.1

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#50

Dimethylphthalate

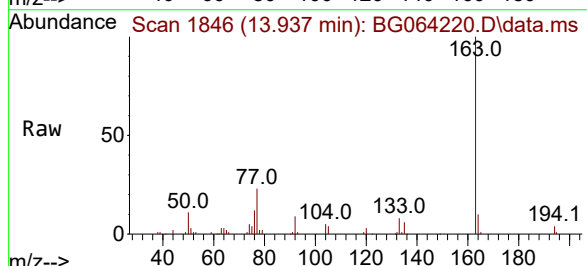
Concen: 9.749 ng

RT: 13.937 min Scan# 1846

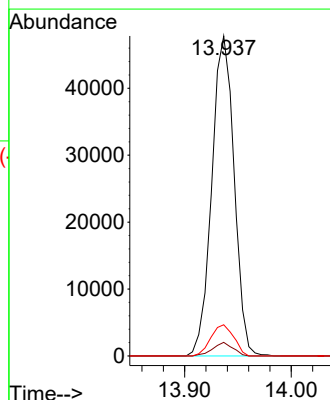
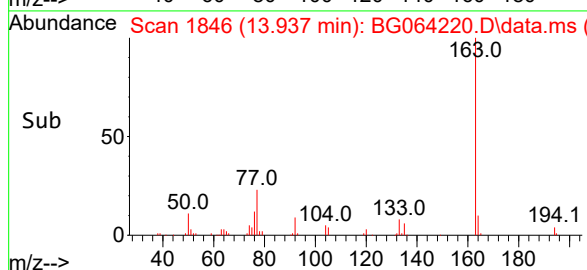
Delta R.T. -0.009 min

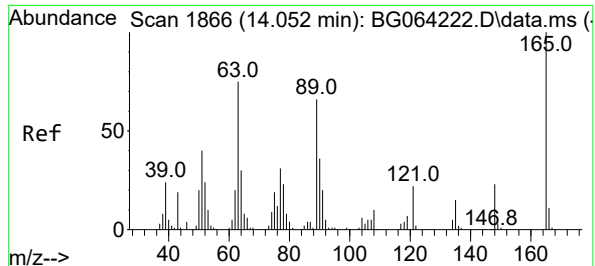
Lab File: BG064220.D

Acq: 28 Aug 2025 12:12



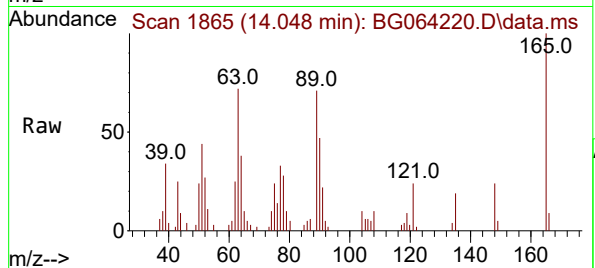
Tgt Ion:	163	Resp:	69493
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.0	4.4
164	9.8	7.9	11.9





#51
2,6-Dinitrotoluene
Concen: 9.190 ng
RT: 14.048 min Scan# 1865
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

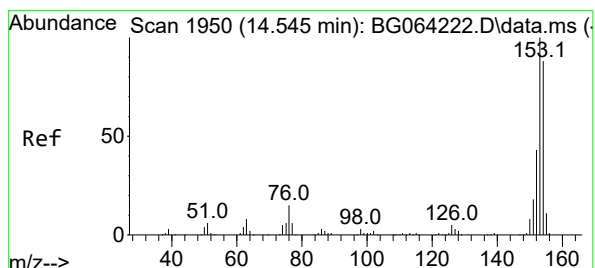
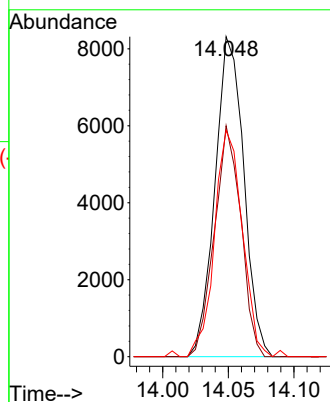
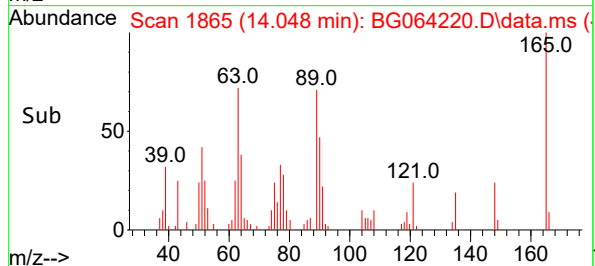
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:165 Resp: 1268
Ion Ratio Lower Upper
165 100
63 72.1 60.3 90.5
89 70.7 52.9 79.3

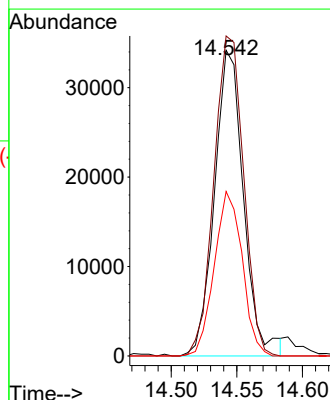
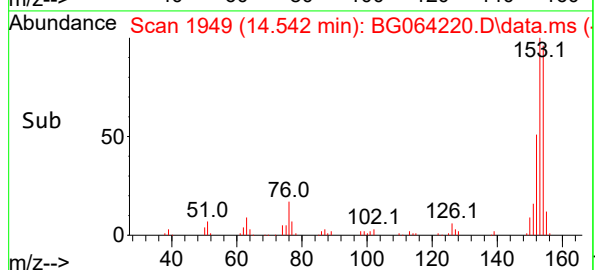
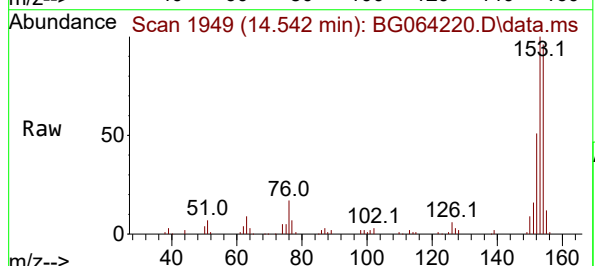
Manual Integrations
APPROVED

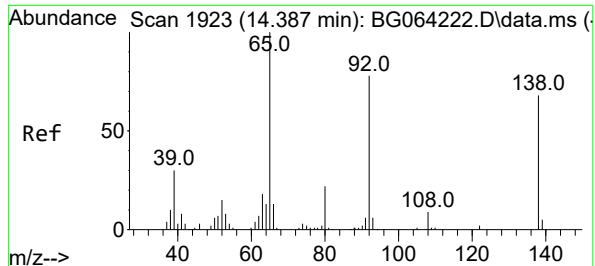
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#52
Acenaphthene
Concen: 9.806 ng
RT: 14.542 min Scan# 1949
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

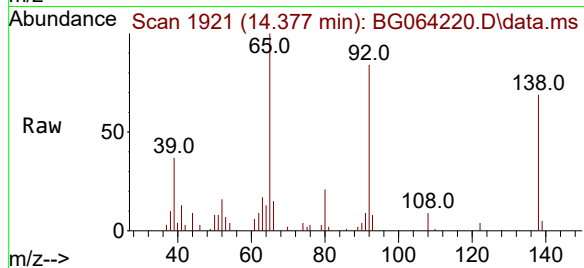
Tgt Ion:154 Resp: 52750
Ion Ratio Lower Upper
154 100
153 104.7 91.1 136.7
152 53.8 39.6 59.4





#53
3-Nitroaniline
Concen: 9.102 ng
RT: 14.377 min Scan# 1921
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

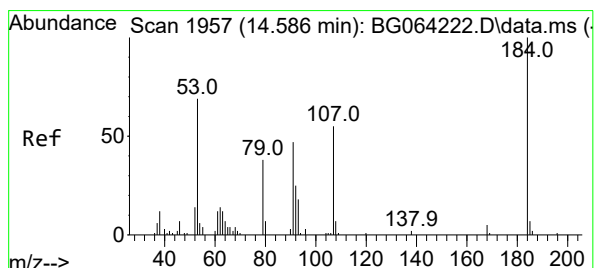
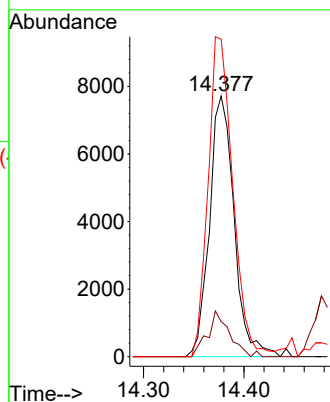
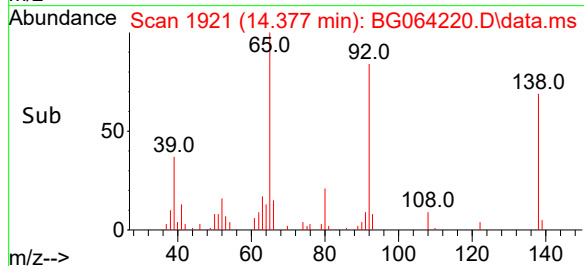
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:138 Resp: 1315
Ion Ratio Lower Upper
138 100
108 13.4 11.0 16.6
92 121.8 91.4 137.0

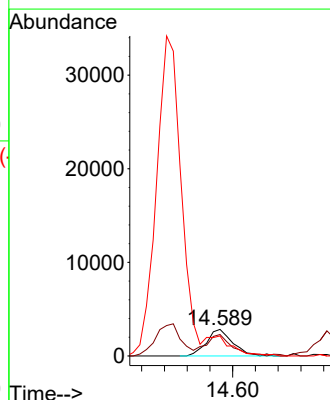
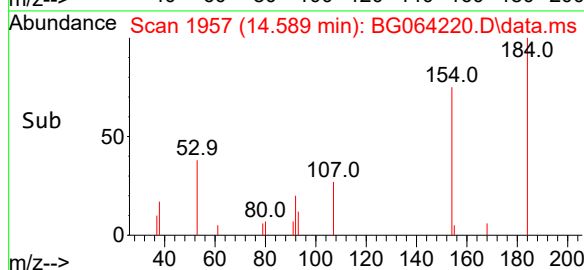
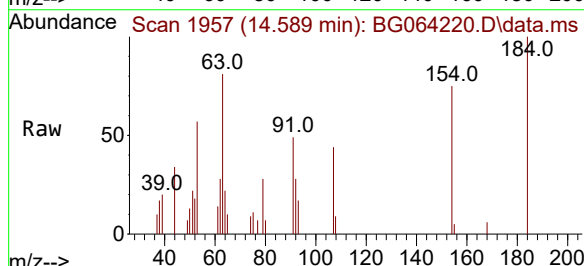
Manual Integrations
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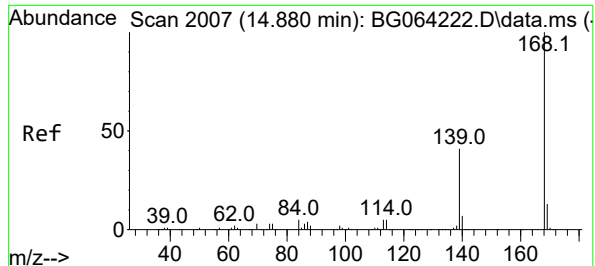
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#54
2,4-Dinitrophenol
Concen: 10.334 ng
RT: 14.589 min Scan# 1957
Delta R.T. -0.003 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

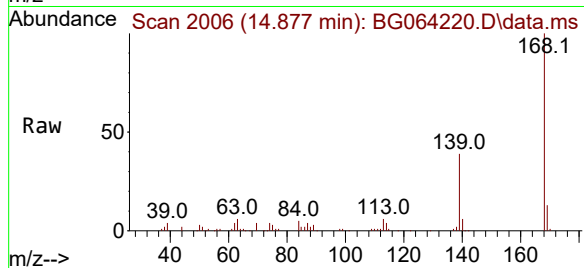
Tgt Ion:184 Resp: 4543
Ion Ratio Lower Upper
184 100
63 81.0 60.1 90.1
154 75.5 59.8 89.8





#55
Dibenzenofuran
Concen: 9.773 ng
RT: 14.877 min Scan# 2006
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

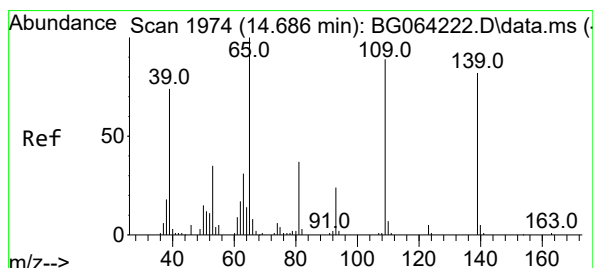
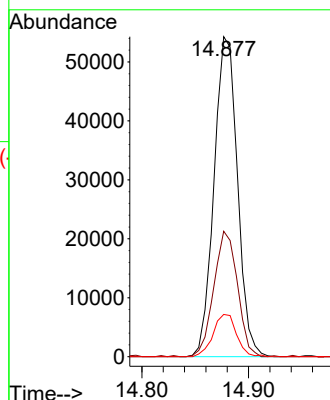
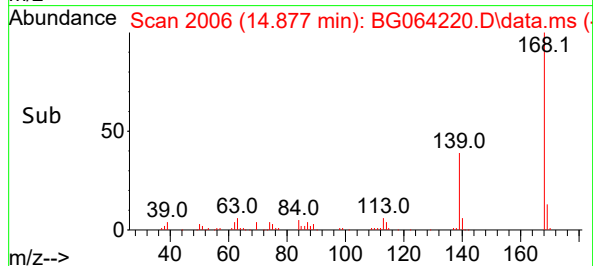
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:168 Resp: 82692
Ion Ratio Lower Upper
168 100
139 39.2 33.2 49.8
169 13.2 10.4 15.6

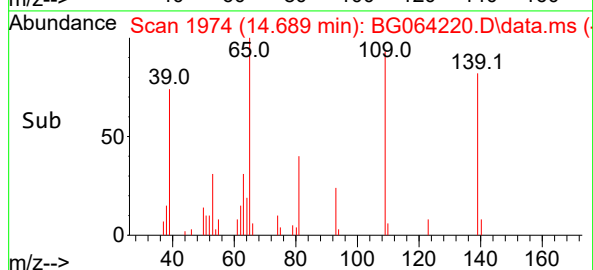
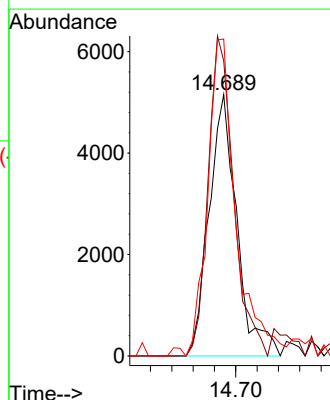
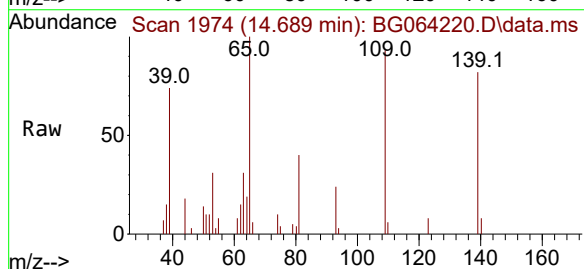
Manual Integrations
APPROVED

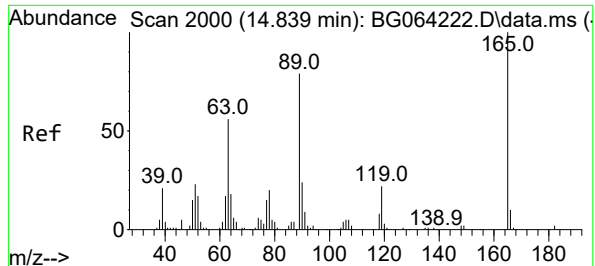
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#56
4-Nitrophenol
Concen: 7.889 ng
RT: 14.689 min Scan# 1974
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

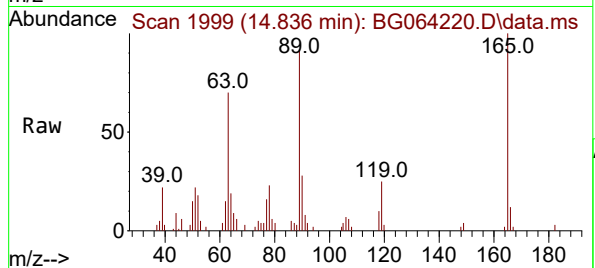
Tgt Ion:139 Resp: 9355
Ion Ratio Lower Upper
139 100
109 113.0 89.1 129.1
65 121.3 102.9 142.9





#57
2,4-Dinitrotoluene
Concen: 8.975 ng
RT: 14.836 min Scan# 1999
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

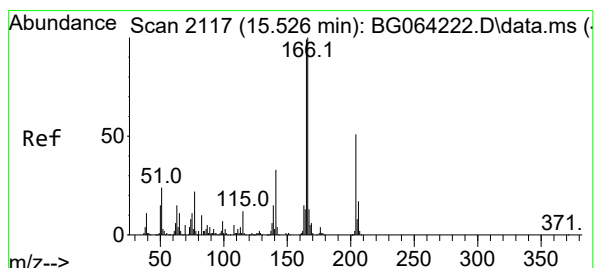
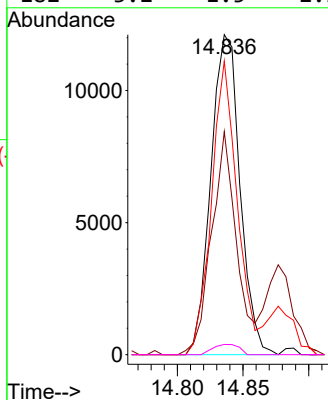
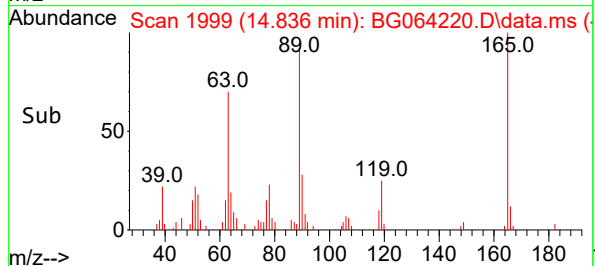
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:165 Resp: 18720
Ion Ratio Lower Upper
165 100
63 69.7 44.6 67.0
89 91.7 63.0 94.4
182 3.2 1.5 2.3#

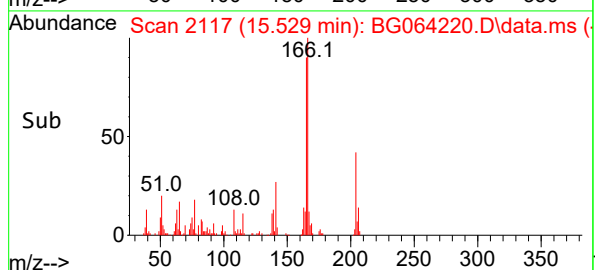
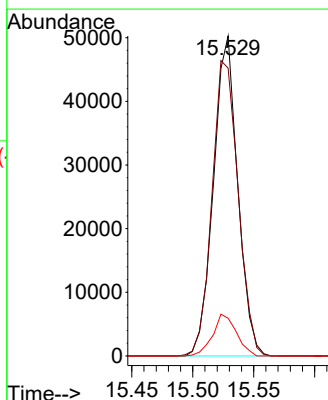
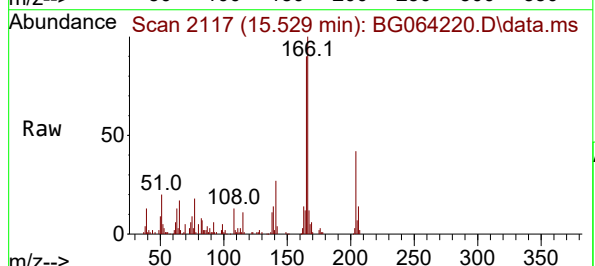
Manual Integrations
APPROVED

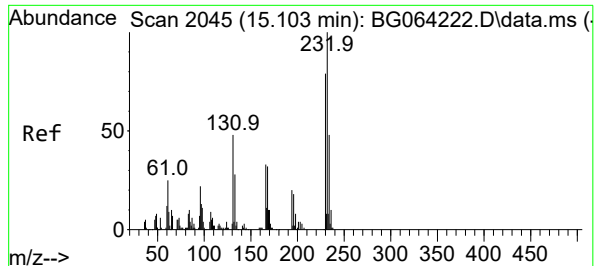
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#58
Fluorene
Concen: 10.035 ng
RT: 15.529 min Scan# 2117
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:166 Resp: 69596
Ion Ratio Lower Upper
166 100
165 89.9 79.1 118.7
167 11.8 10.2 15.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 9.385 ng

RT: 15.106 min Scan# 2045

Delta R.T. -0.004 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:232 Resp: 1778

Ion Ratio Lower Upper

232 100

131 45.3 37.1 55.7

130 3.2 2.6 3.8

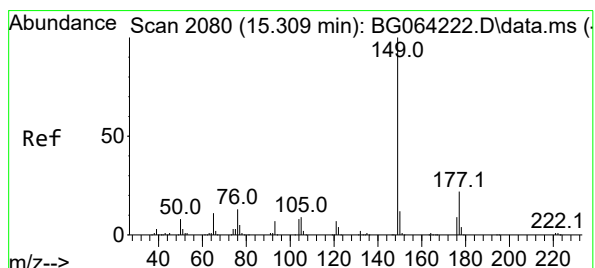
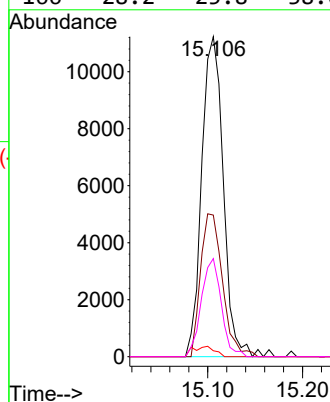
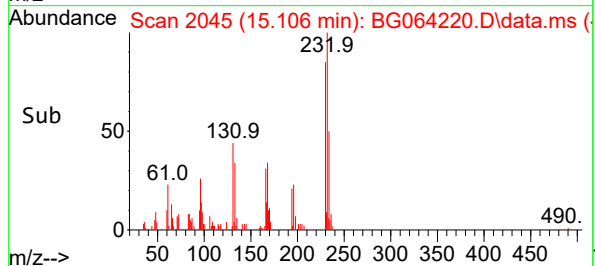
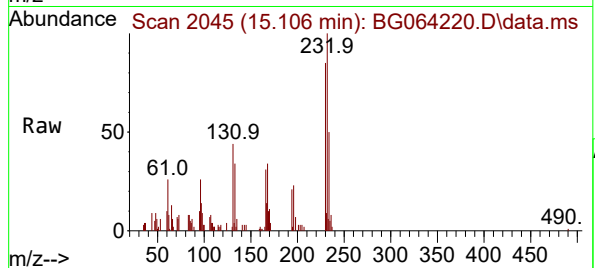
166 28.2 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#60

Diethylphthalate

Concen: 9.736 ng

RT: 15.300 min Scan# 2078

Delta R.T. -0.015 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

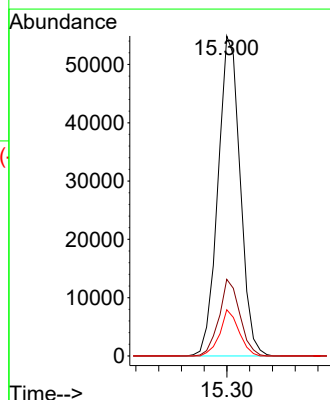
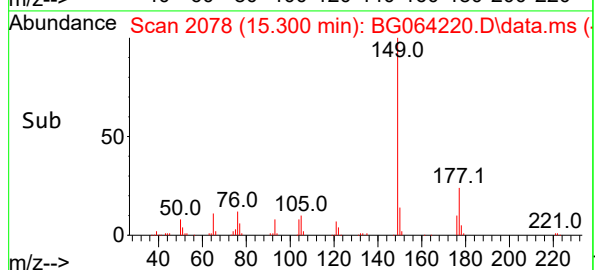
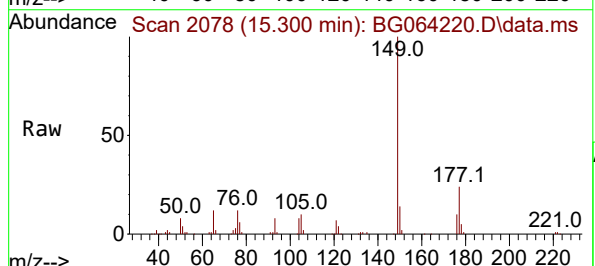
Tgt Ion:149 Resp: 74277

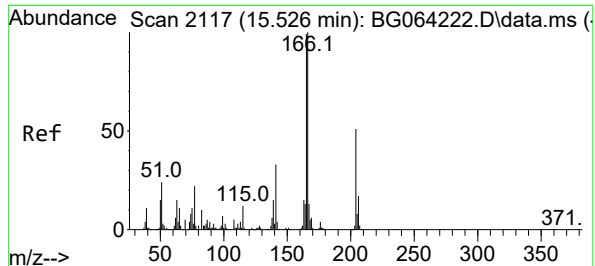
Ion Ratio Lower Upper

149 100

177 24.0 17.5 26.3

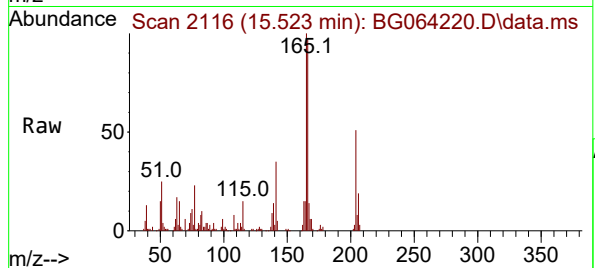
150 14.5 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 9.762 ng
RT: 15.523 min Scan# 2116
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

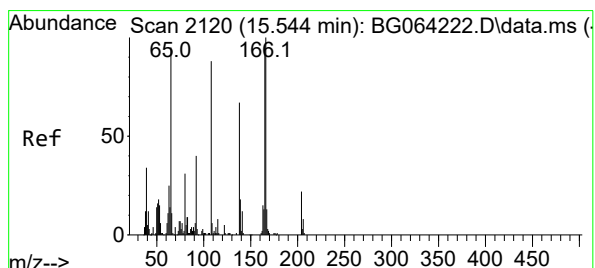
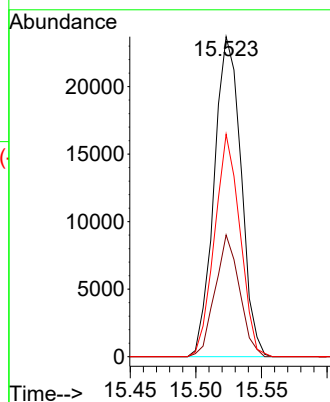
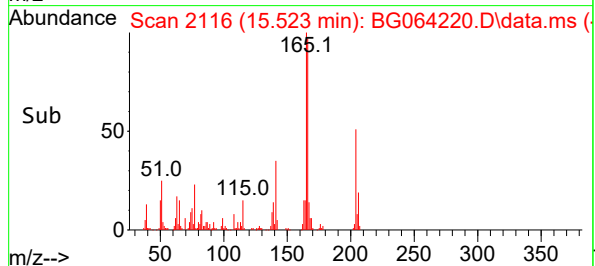
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:204 Resp: 33750
Ion Ratio Lower Upper
204 100
206 38.1 26.2 39.4
141 69.5 51.9 77.9

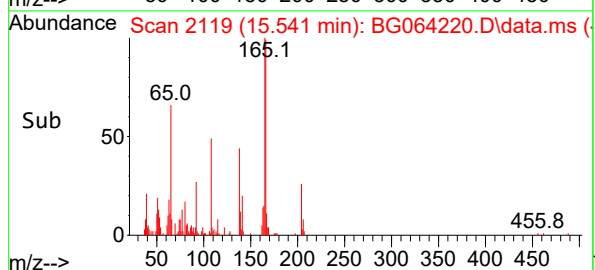
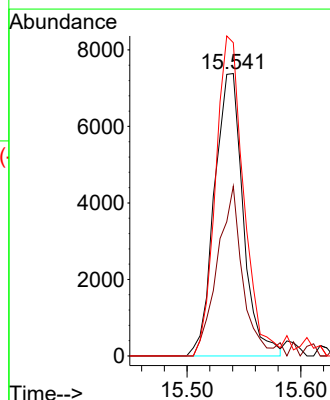
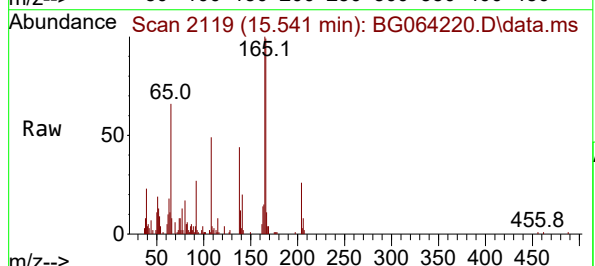
Manual Integrations
APPROVED

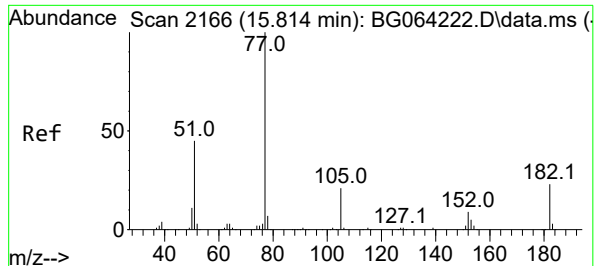
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#62
4-Nitroaniline
Concen: 8.788 ng
RT: 15.541 min Scan# 2119
Delta R.T. -0.015 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:138 Resp: 12962
Ion Ratio Lower Upper
138 100
92 60.1 39.1 79.1
108 111.0 111.3 151.3#





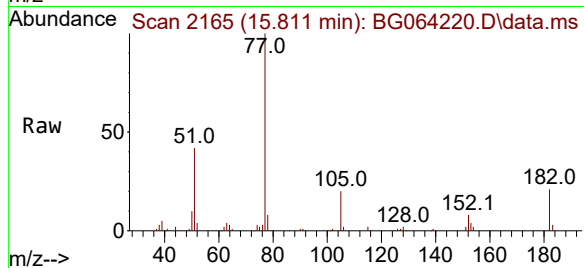
#63
Azobenzene
Concen: 9.848 ng
RT: 15.811 min Scan# 2166
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

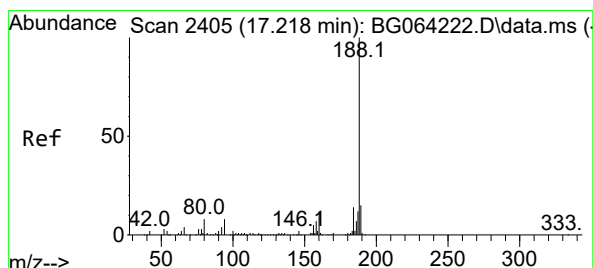
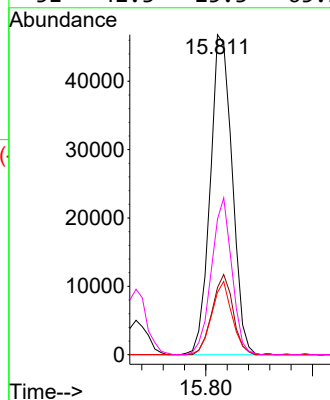
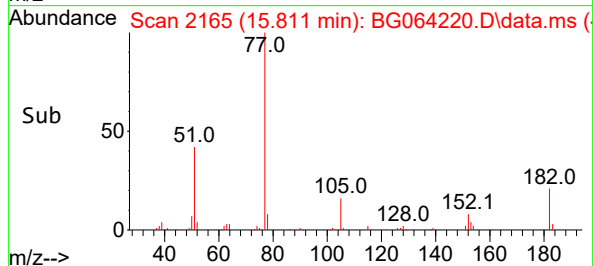


Tgt Ion: 77 Resp: 6696
Ion Ratio Lower Upper
77 100
182 21.0 3.3 43.3
105 19.5 0.6 40.6
51 42.3 25.3 65.3

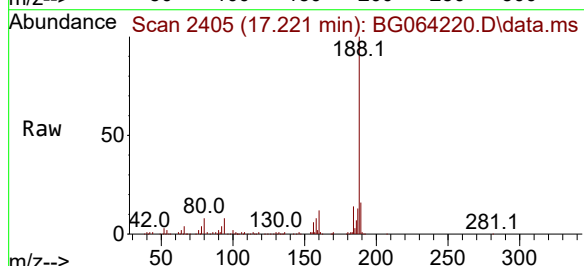
Manual Integrations

APPROVED

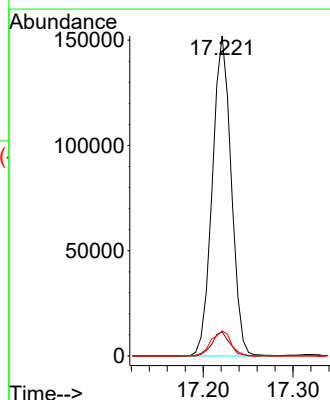
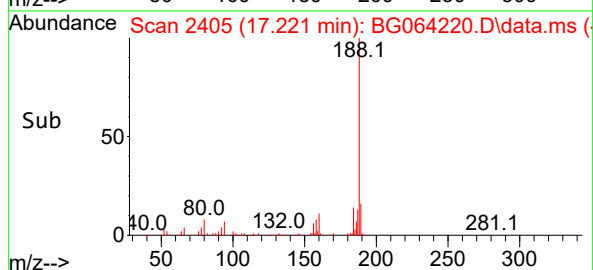
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

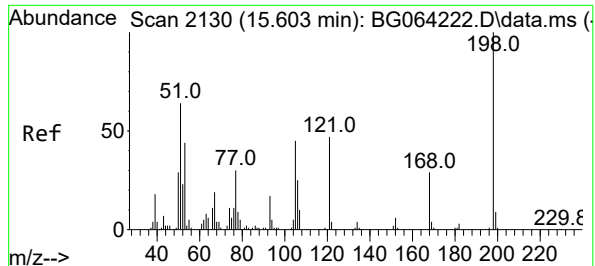


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2405
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12



Tgt Ion:188 Resp: 221898
Ion Ratio Lower Upper
188 100
94 7.5 6.2 9.4
80 7.9 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 7.431 ng
RT: 15.599 min Scan# 2129
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Instrument :

BNA_G

ClientSampleId :

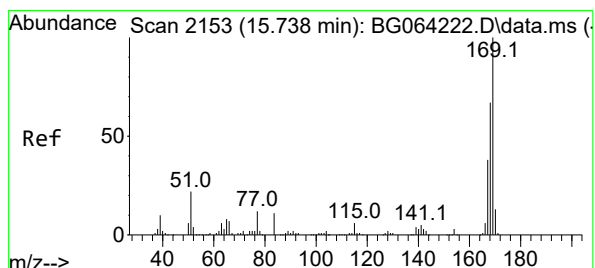
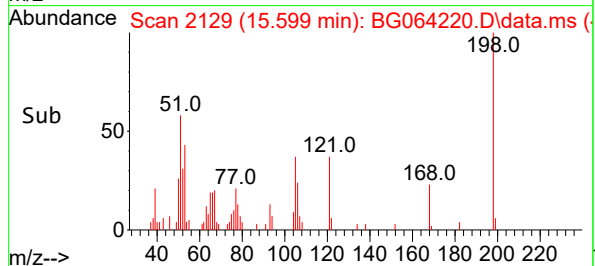
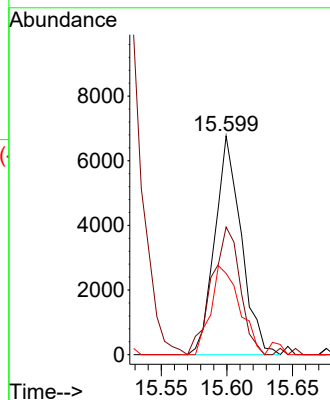
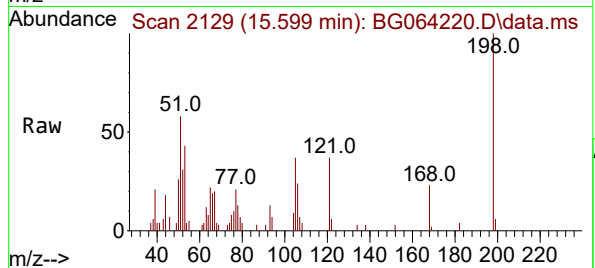
SSTDICC010

Tgt Ion:198 Resp: 946
Ion Ratio Lower Upper
198 100
51 58.4 46.2 86.2
105 37.2 25.0 65.0

Manual Integrations

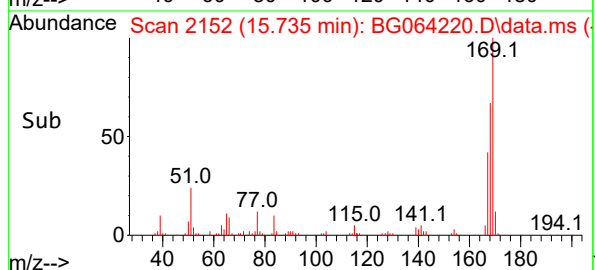
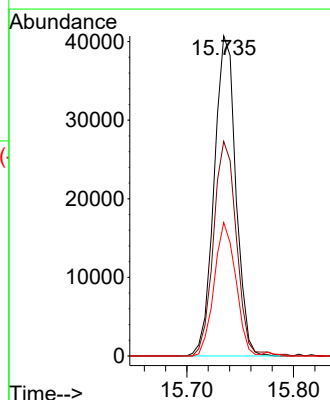
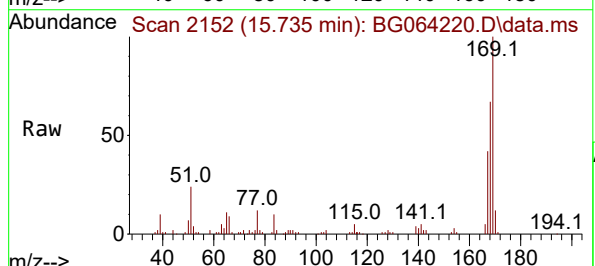
APPROVED

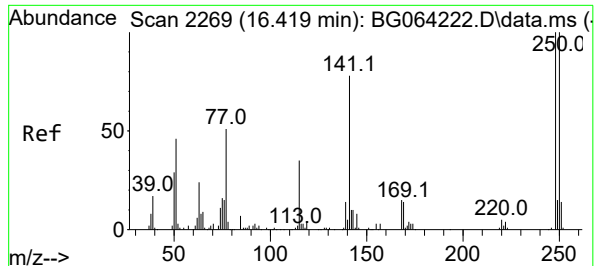
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#66
n-Nitrosodiphenylamine
Concen: 9.422 ng
RT: 15.735 min Scan# 2152
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:169 Resp: 57515
Ion Ratio Lower Upper
169 100
168 67.0 53.8 80.8
167 41.7 30.2 45.2





#67

4-Bromophenyl-phenylether

Concen: 10.032 ng

RT: 16.416 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:248 Resp: 2364

Ion Ratio Lower Upper

248 100

250 95.2 80.2 120.4

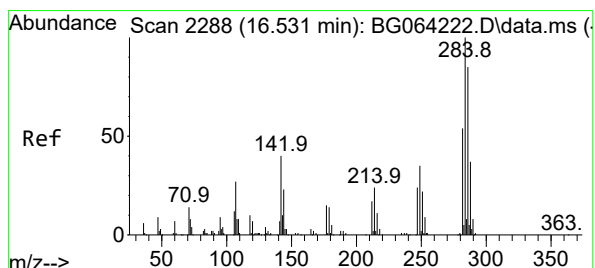
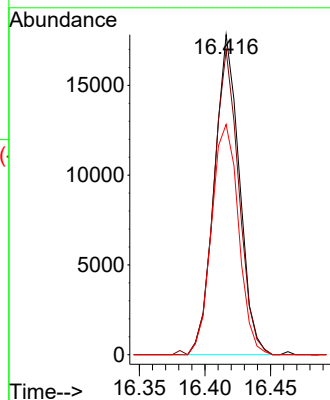
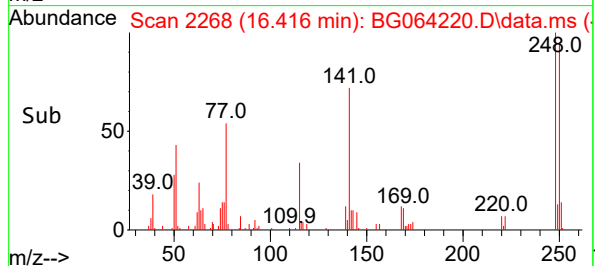
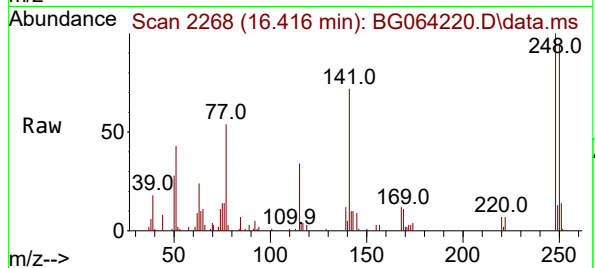
141 72.0 62.4 93.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#68

Hexachlorobenzene

Concen: 9.815 ng

RT: 16.534 min Scan# 2288

Delta R.T. -0.004 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

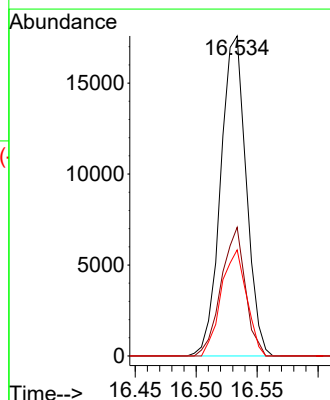
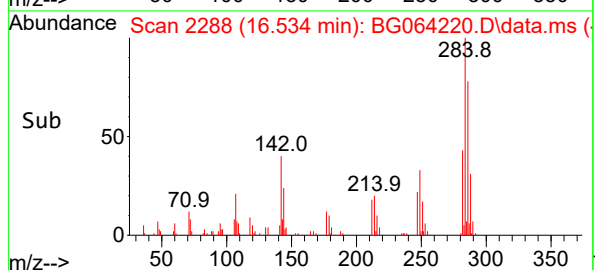
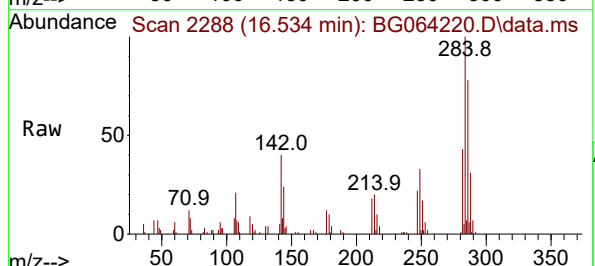
Tgt Ion:284 Resp: 25688

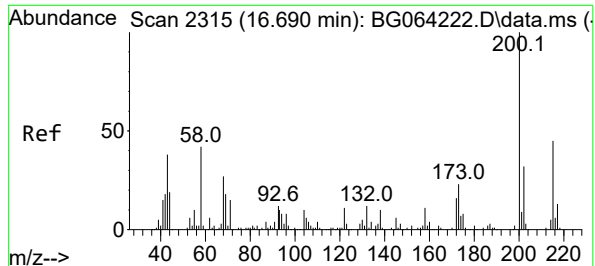
Ion Ratio Lower Upper

284 100

142 40.2 32.1 48.1

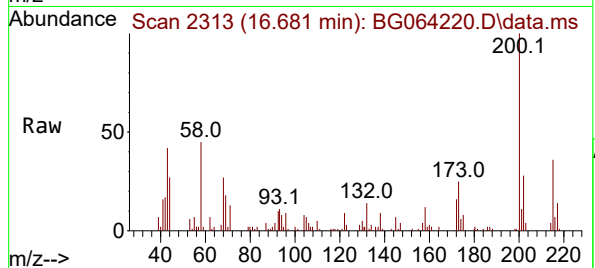
249 35.2 28.3 42.5





#69
Atrazine
Concen: 9.997 ng
RT: 16.681 min Scan# 21
Delta R.T. -0.015 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

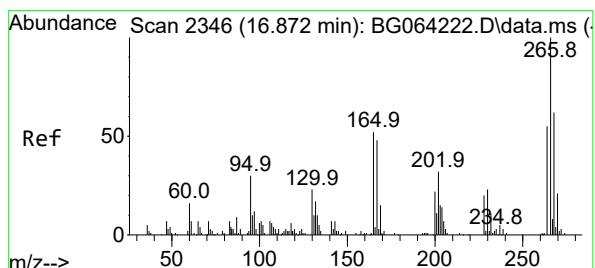
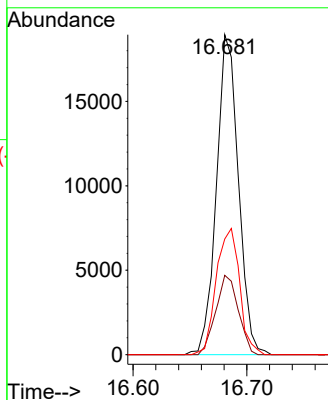
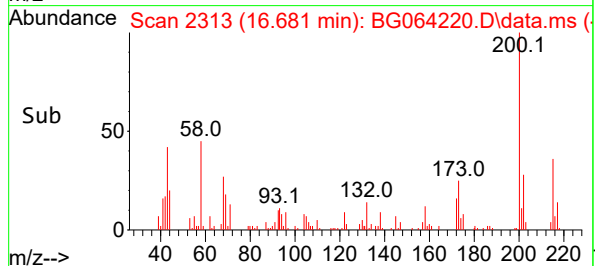
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:200 Resp: 25479
Ion Ratio Lower Upper
200 100
173 24.8 3.5 43.5
215 36.1 24.8 64.8

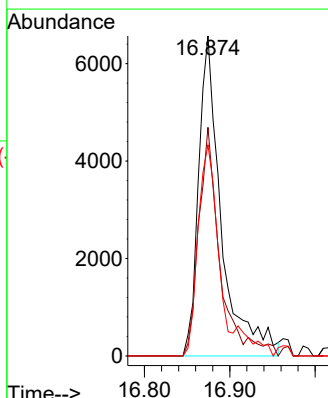
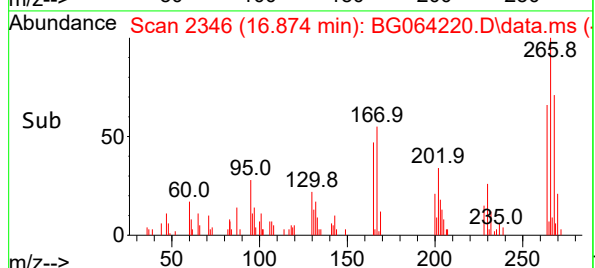
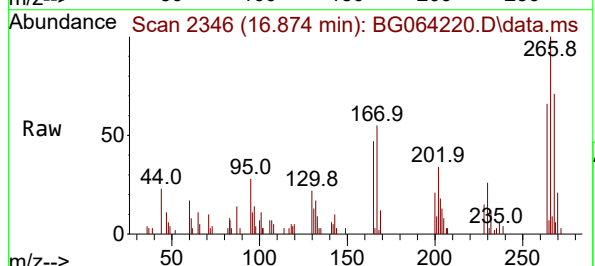
Manual Integrations
APPROVED

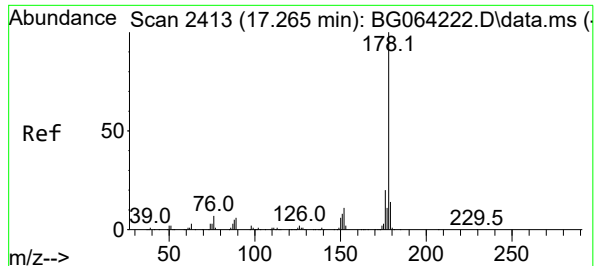
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#70
Pentachlorophenol
Concen: 7.693 ng
RT: 16.874 min Scan# 2346
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

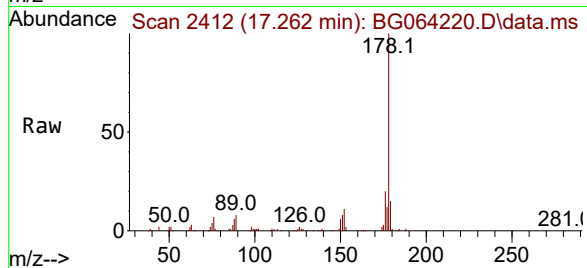
Tgt Ion:266 Resp: 12208
Ion Ratio Lower Upper
266 100
268 77.1 49.4 74.0#
264 65.9 44.3 66.5





#71
Phenanthrene
Concen: 9.780 ng
RT: 17.262 min Scan# 2413
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

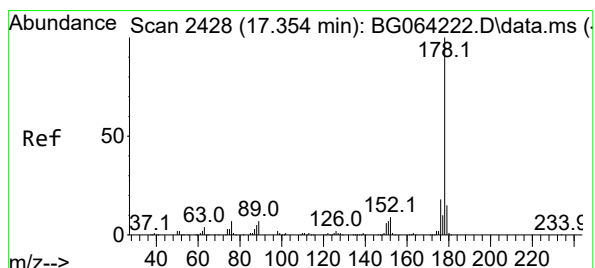
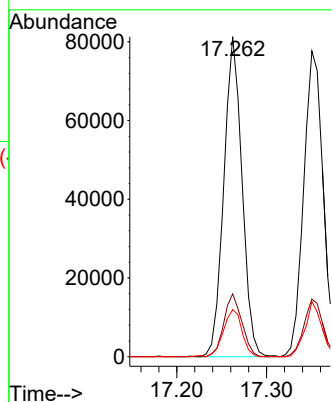
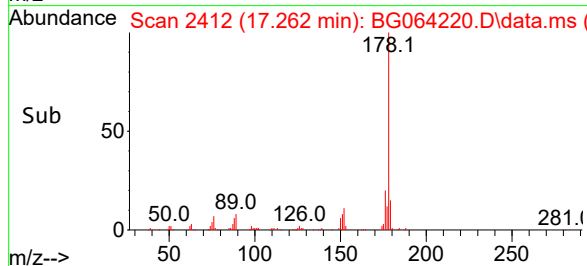
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:178 Resp: 114450
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 14.7 11.4 17.2

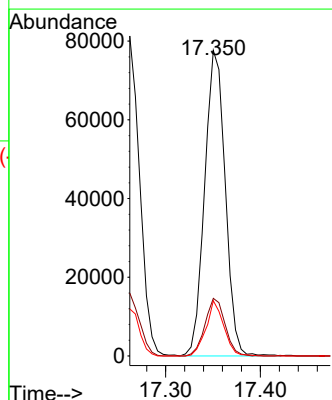
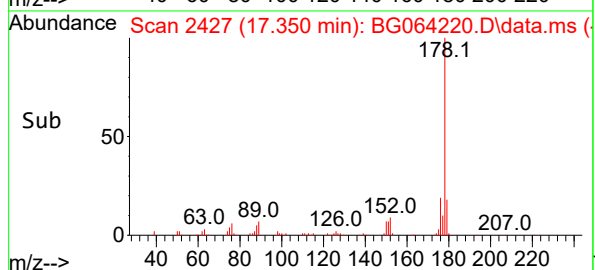
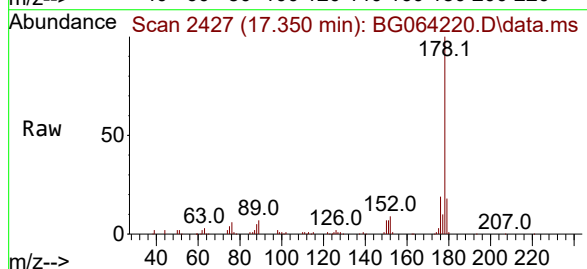
Manual Integrations
APPROVED

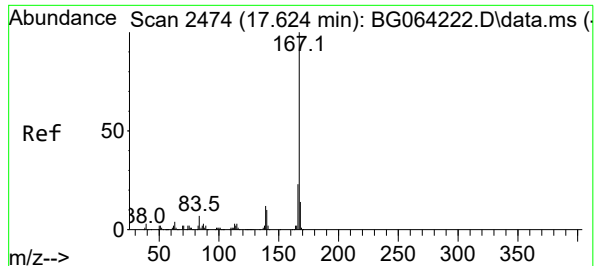
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#72
Anthracene
Concen: 9.814 ng
RT: 17.350 min Scan# 2427
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

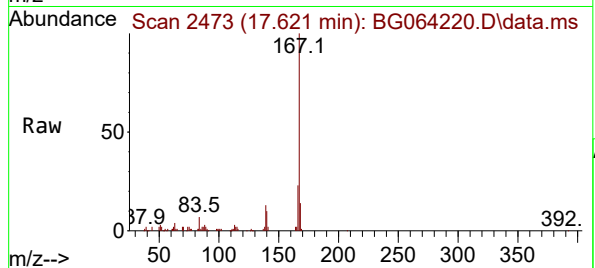
Tgt Ion:178 Resp: 116836
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 18.1 12.1 18.1





#73
Carbazole
Concen: 9.603 ng
RT: 17.621 min Scan# 2473
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

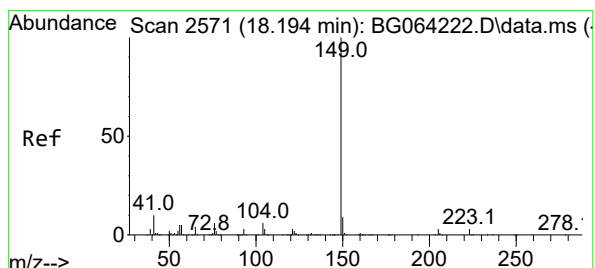
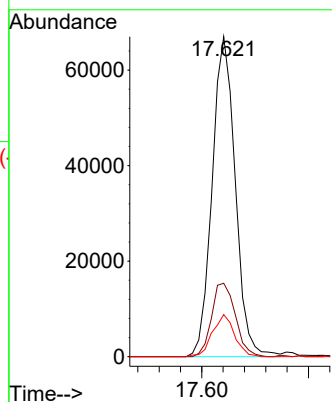
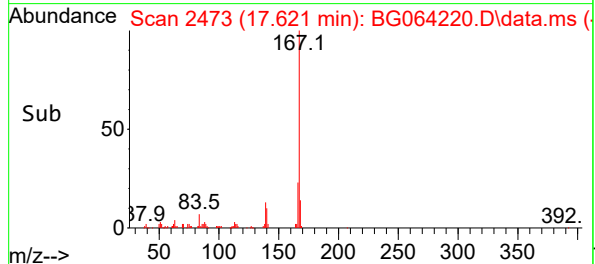
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:167 Resp: 100709
Ion Ratio Lower Upper
167 100
166 22.9 18.2 27.2
139 13.1 9.8 14.6

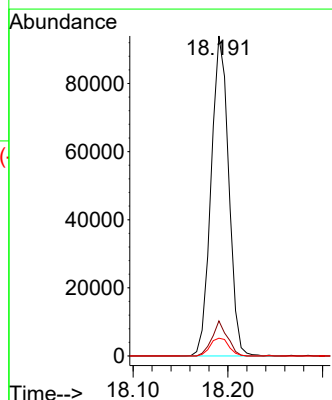
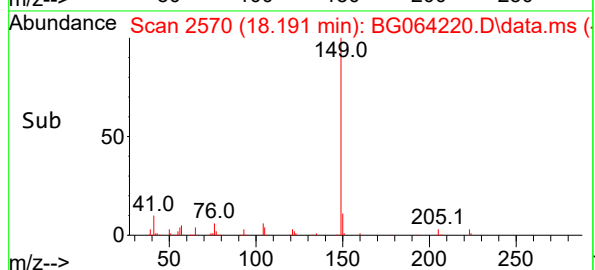
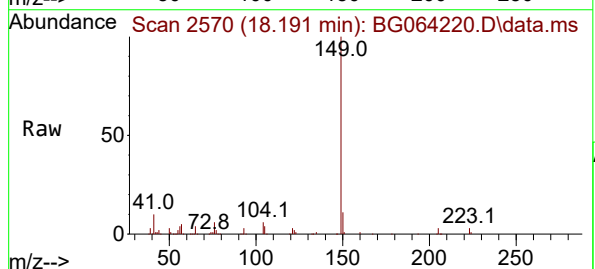
Manual Integrations
APPROVED

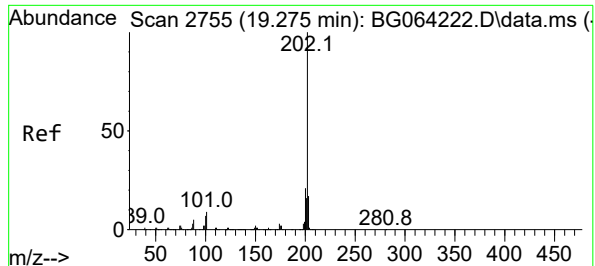
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#74
Di-n-butylphthalate
Concen: 9.587 ng
RT: 18.191 min Scan# 2570
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

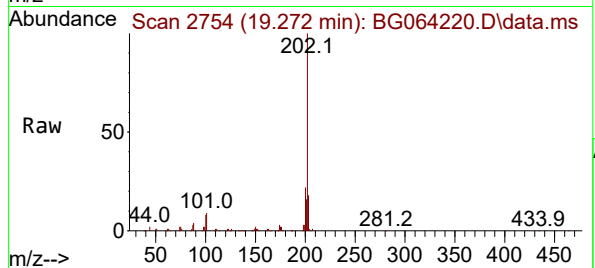
Tgt Ion:149 Resp: 120797
Ion Ratio Lower Upper
149 100
150 11.0 7.5 11.3
104 5.5 4.6 7.0





#75
Fluoranthene
Concen: 9.767 ng
RT: 19.272 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

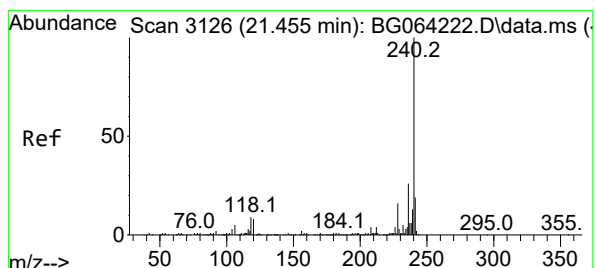
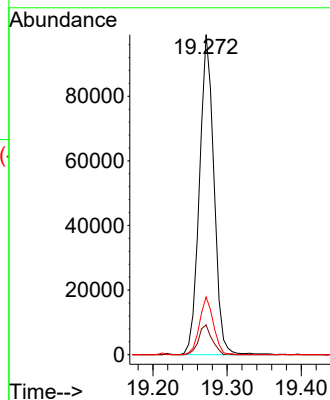
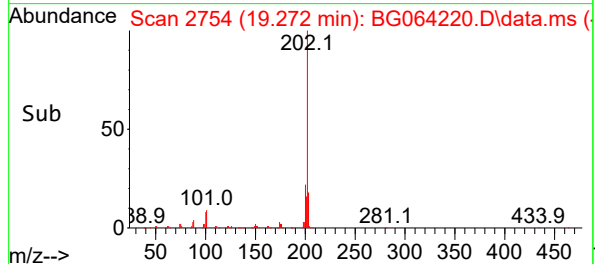
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:202 Resp: 13441
Ion Ratio Lower Upper
202 100
101 9.3 0.0 28.7
203 18.0 0.0 36.9

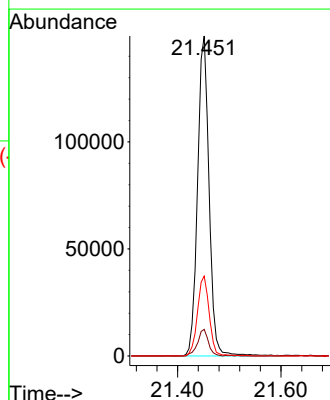
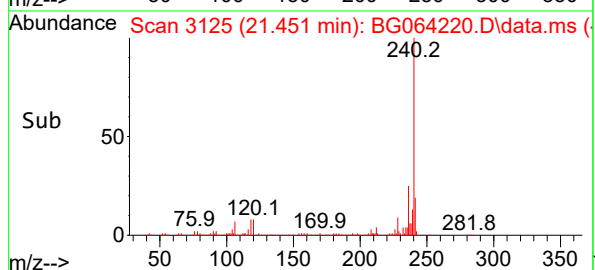
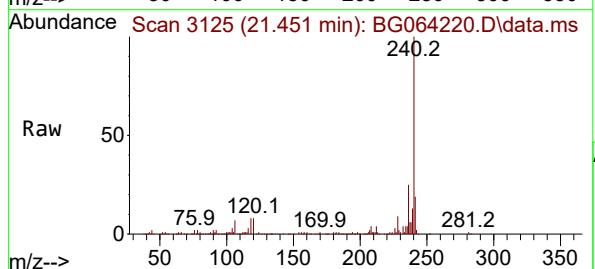
Manual Integrations
APPROVED

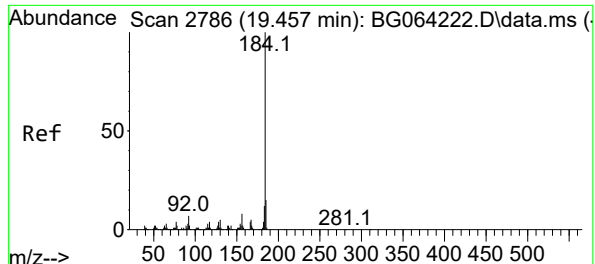
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.451 min Scan# 3125
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

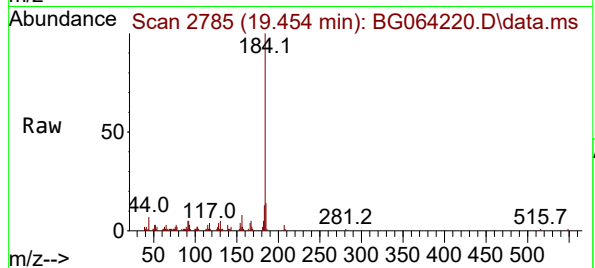
Tgt Ion:240 Resp: 230611
Ion Ratio Lower Upper
240 100
120 8.3 6.2 9.4
236 25.0 20.5 30.7





#77
Benzidine
Concen: 10.798 ng
RT: 19.454 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

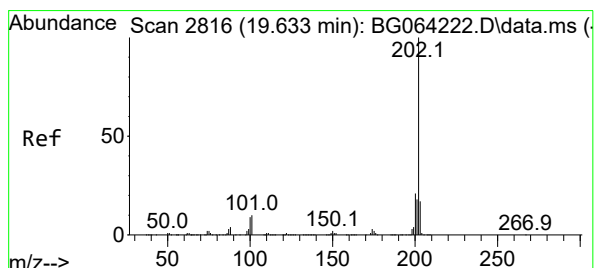
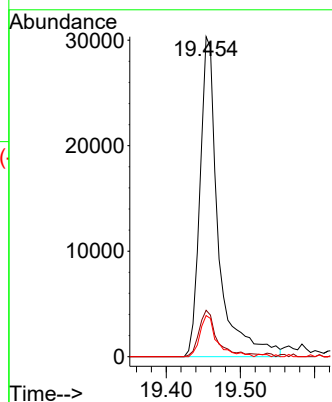
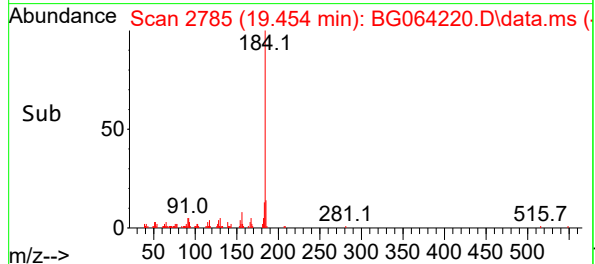
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:184 Resp: 5238
Ion Ratio Lower Upper
184 100
185 14.5 11.7 17.5
183 12.8 9.7 14.5

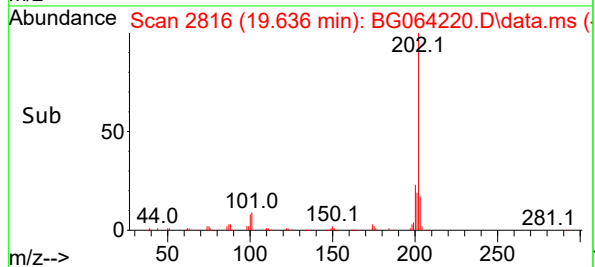
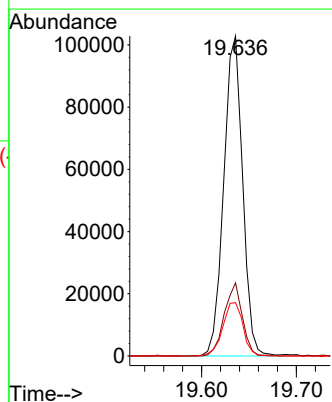
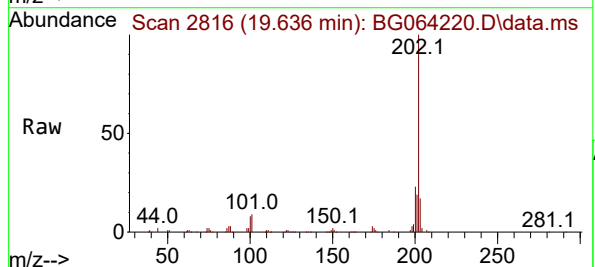
Manual Integrations
APPROVED

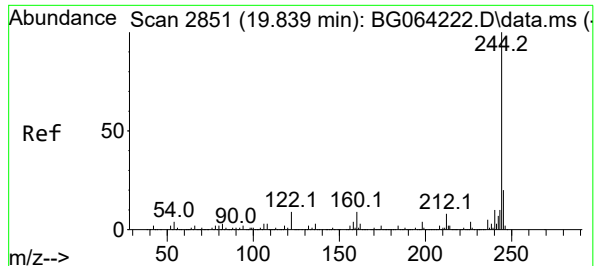
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#78
Pyrene
Concen: 9.807 ng
RT: 19.636 min Scan# 2816
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

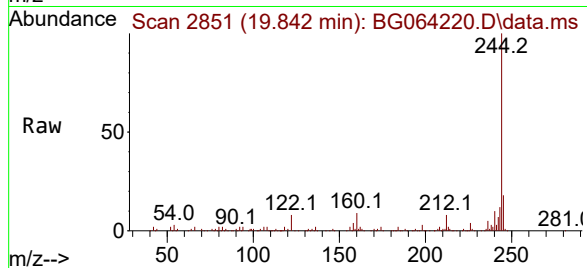
Tgt Ion:202 Resp: 142485
Ion Ratio Lower Upper
202 100
200 22.9 16.9 25.3
203 16.6 13.8 20.8





#79
 Terphenyl-d14
 Concen: 20.318 ng
 RT: 19.842 min Scan# 2851
 Delta R.T. -0.004 min
 Lab File: BG064220.D
 Acq: 28 Aug 2025 12:12

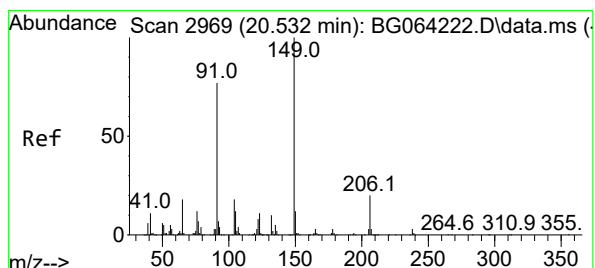
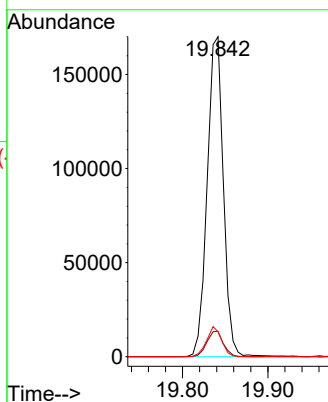
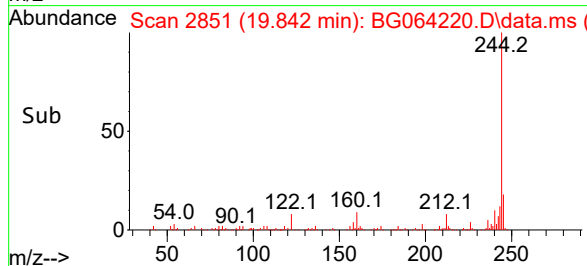
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC010



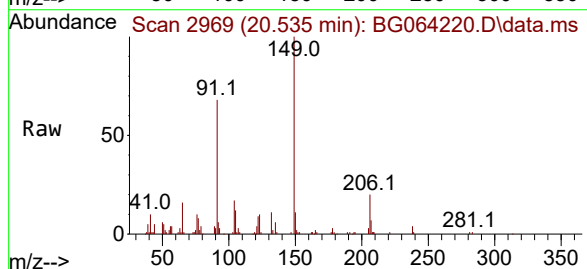
Tgt Ion:244 Resp: 22458
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.6 10.0
 122 7.8 7.0 10.6

Manual Integrations
 APPROVED

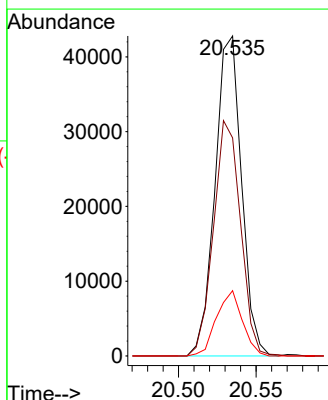
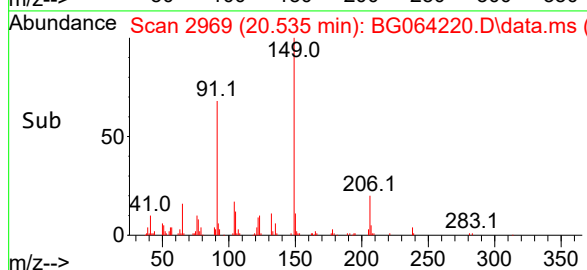
Reviewed By :Rahul Chavli 08/29/2025
 Supervised By :Jagrut Upadhyay 08/29/2025

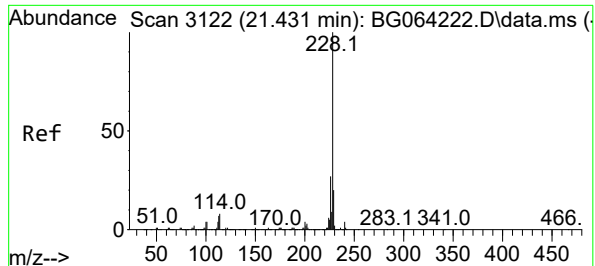


#80
 Butylbenzylphthalate
 Concen: 9.269 ng
 RT: 20.535 min Scan# 2969
 Delta R.T. 0.002 min
 Lab File: BG064220.D
 Acq: 28 Aug 2025 12:12



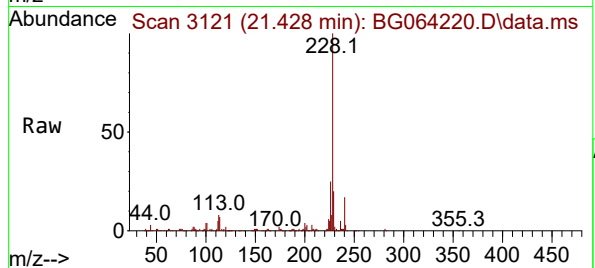
Tgt Ion:149 Resp: 50791
 Ion Ratio Lower Upper
 149 100
 91 68.1 61.4 92.0
 206 20.4 15.8 23.6





#81
Benzo(a)anthracene
Concen: 9.676 ng
RT: 21.428 min Scan# 3122
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

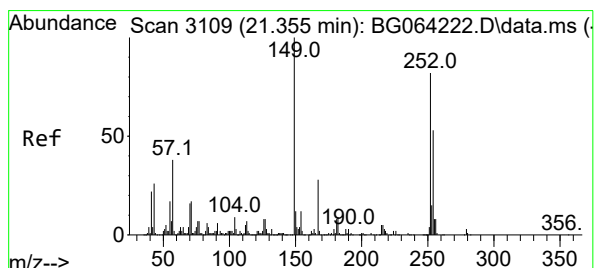
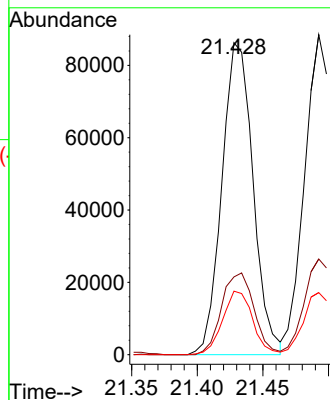
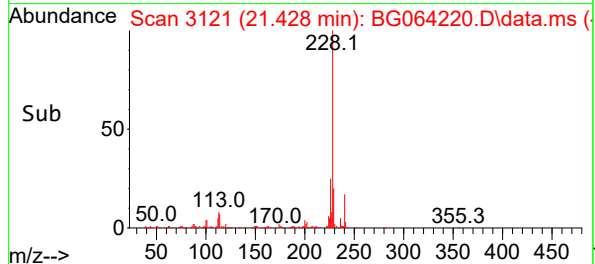
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:228 Resp: 142752
Ion Ratio Lower Upper
228 100
226 24.9 21.7 32.5
229 20.3 15.9 23.9

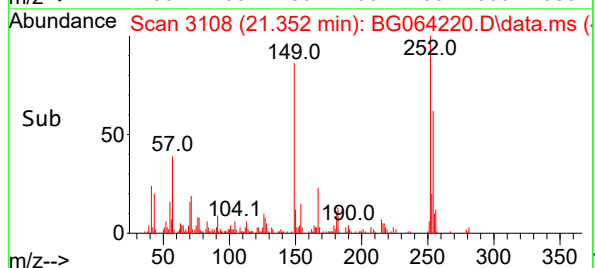
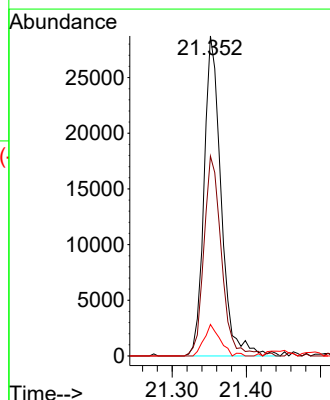
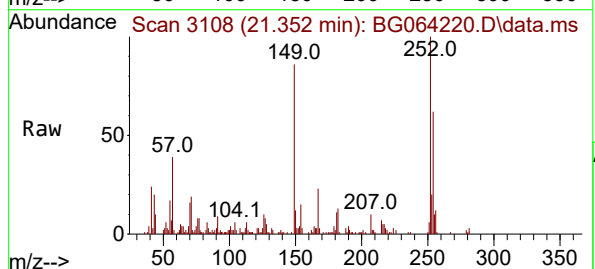
Manual Integrations
APPROVED

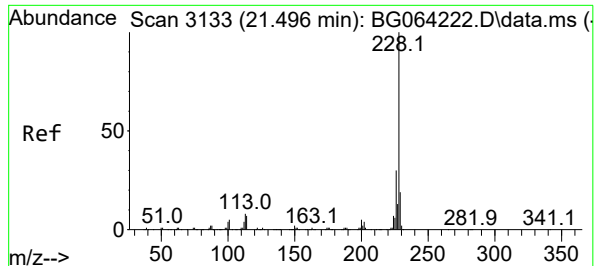
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#82
3,3'-Dichlorobenzidine
Concen: 9.629 ng
RT: 21.352 min Scan# 3108
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:252 Resp: 46265
Ion Ratio Lower Upper
252 100
254 62.5 51.9 77.9
126 9.9 7.6 11.4





#83

Chrysene

Concen: 9.747 ng

RT: 21.493 min Scan# 3110

Delta R.T. -0.009 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:228 Resp: 138050

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.2

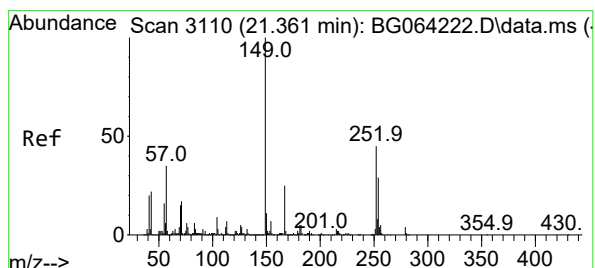
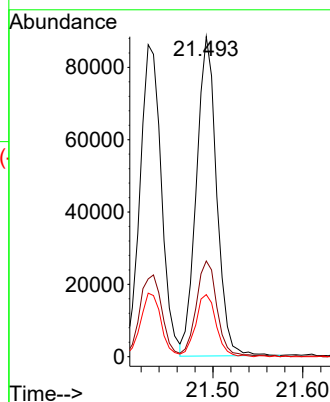
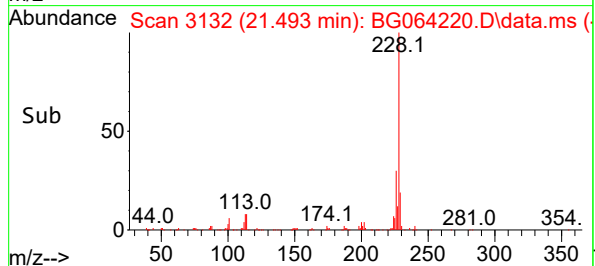
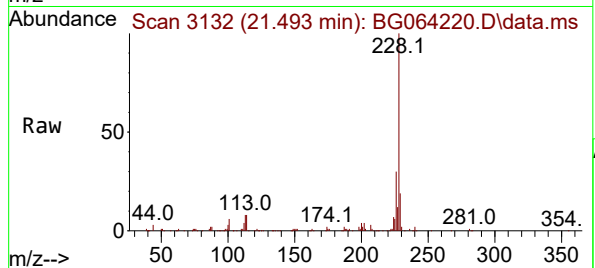
229 19.4 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.549 ng

RT: 21.363 min Scan# 3110

Delta R.T. -0.004 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

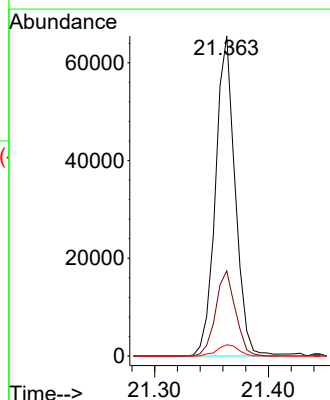
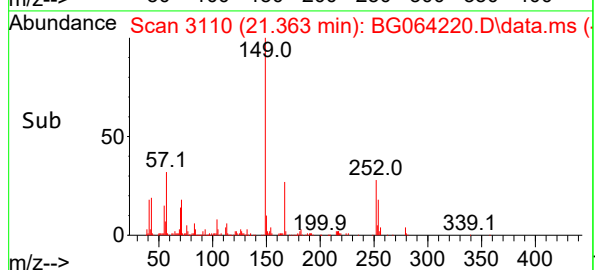
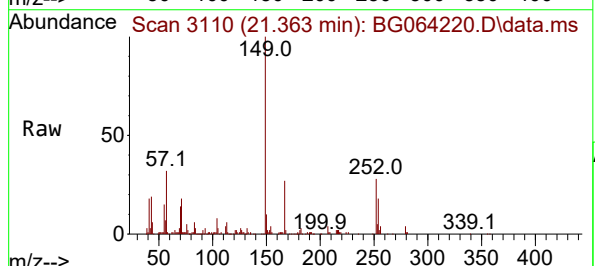
Tgt Ion:149 Resp: 78558

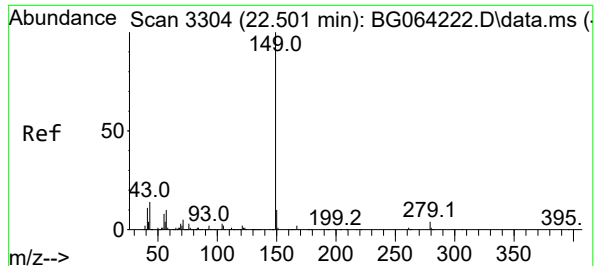
Ion Ratio Lower Upper

149 100

167 26.6 20.0 30.0

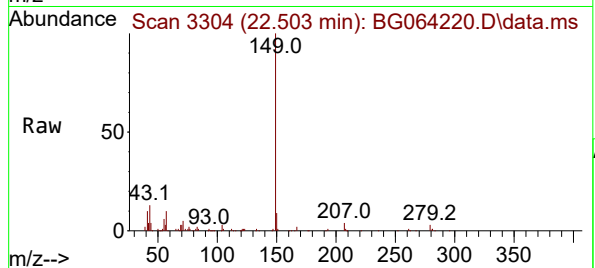
279 3.5 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 9.329 ng
RT: 22.503 min Scan# 3304
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

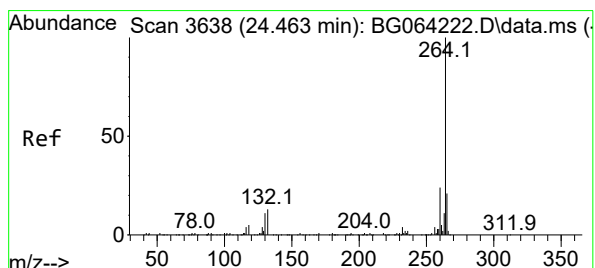
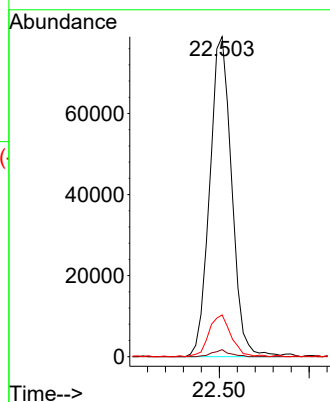
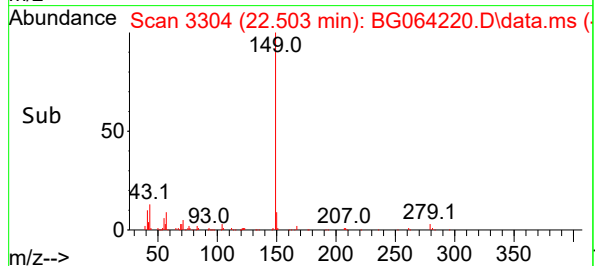
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:149 Resp: 133728
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 13.3 10.8 16.2

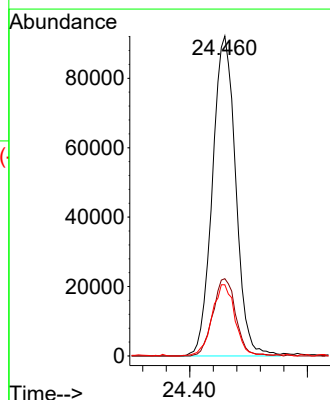
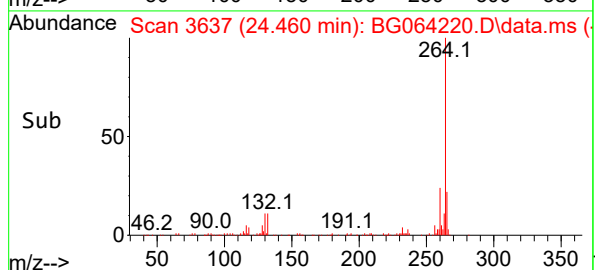
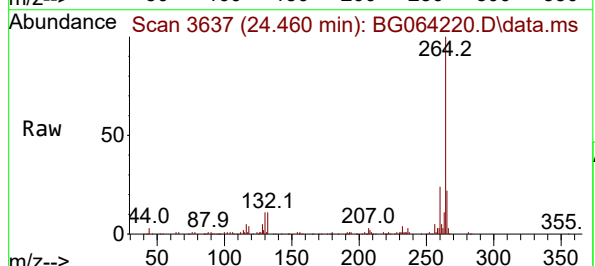
Manual Integrations
APPROVED

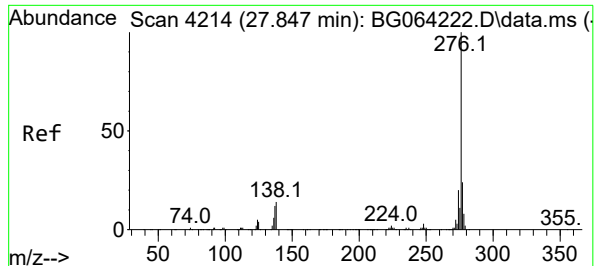
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.460 min Scan# 3637
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

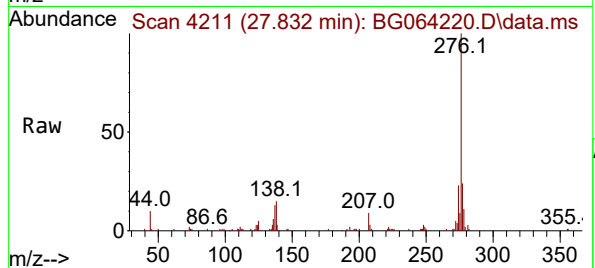
Tgt Ion:264 Resp: 253168
Ion Ratio Lower Upper
264 100
260 24.2 18.9 28.3
265 22.3 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 9.531 ng
RT: 27.832 min Scan# 4211
Delta R.T. -0.039 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

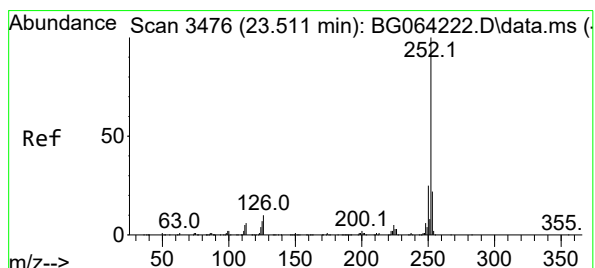
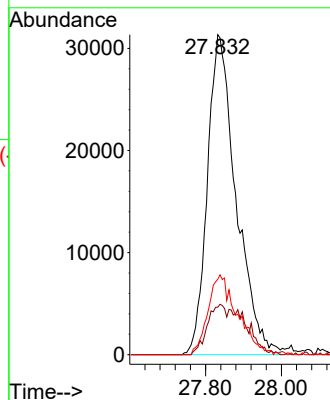
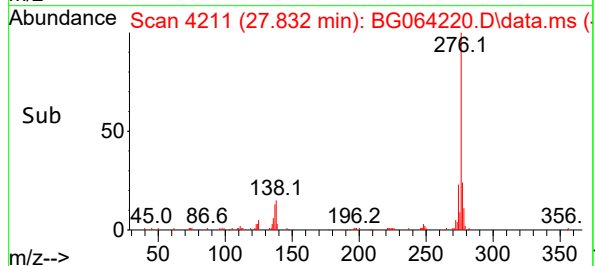
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:276 Resp: 16479
Ion Ratio Lower Upper
276 100
138 10.2 7.4 11.0
277 25.5 20.5 30.7

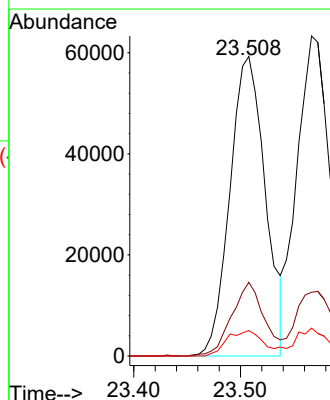
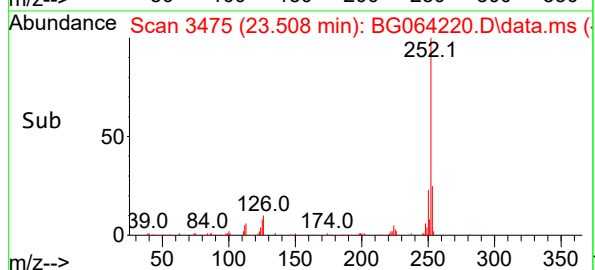
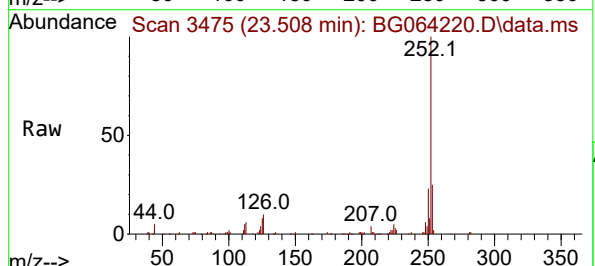
Manual Integrations
APPROVED

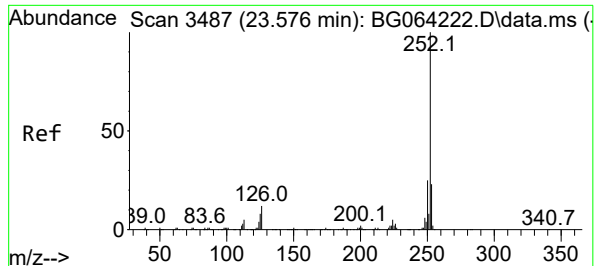
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#88
Benzo(b)fluoranthene
Concen: 9.581 ng
RT: 23.508 min Scan# 3475
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:252 Resp: 136893
Ion Ratio Lower Upper
252 100
253 24.6 17.5 26.3
125 8.5 5.9 8.9





#89

Benzo(k)fluoranthene

Concen: 9.798 ng

RT: 23.567 min Scan# 34

Delta R.T. -0.021 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:252 Resp: 142634

Ion Ratio Lower Upper

252 100

253 19.9 18.2 27.4

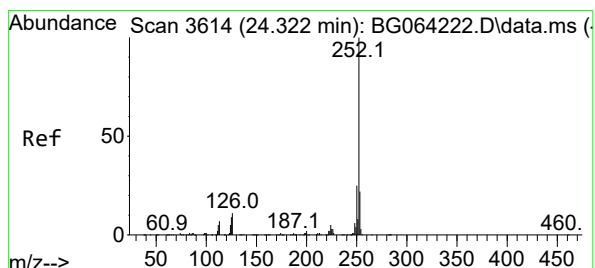
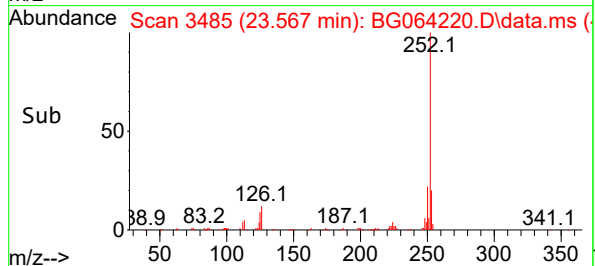
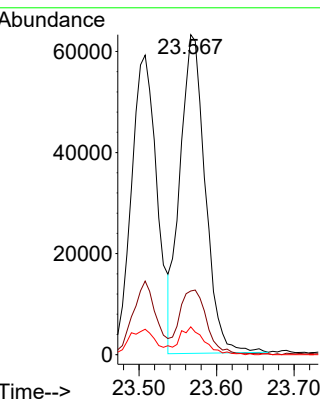
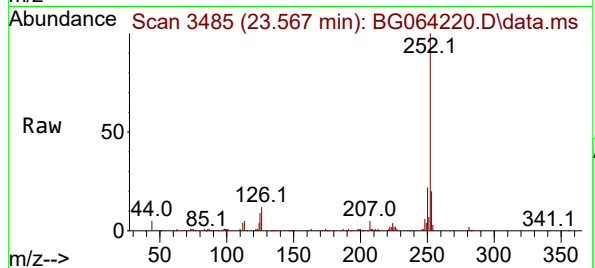
125 8.7 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#90

Benzo(a)pyrene

Concen: 9.316 ng

RT: 24.313 min Scan# 3612

Delta R.T. -0.015 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

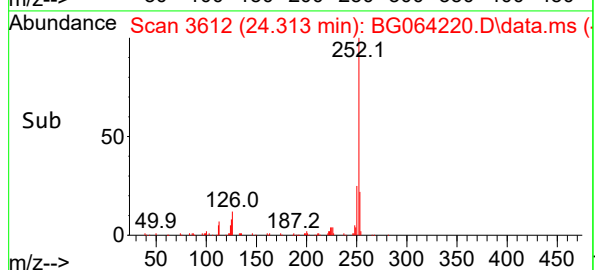
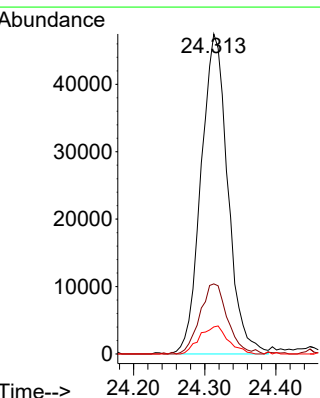
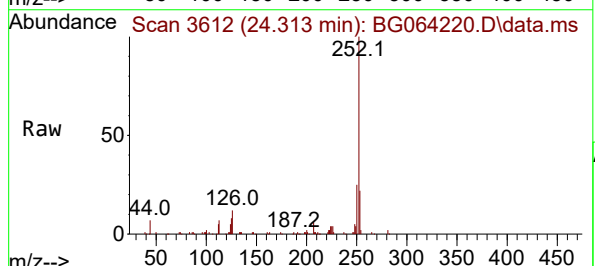
Tgt Ion:252 Resp: 123820

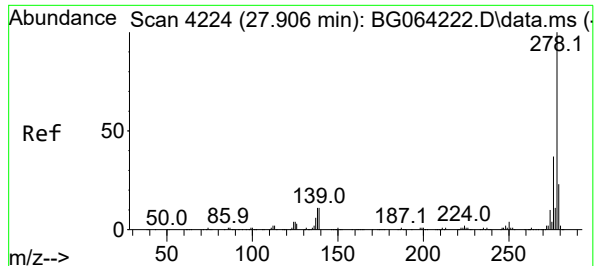
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

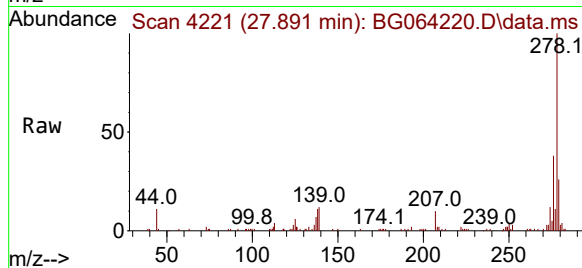
125 8.5 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 9.409 ng
RT: 27.891 min Scan# 41
Delta R.T. -0.033 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

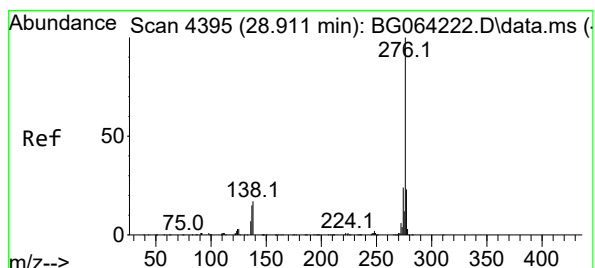
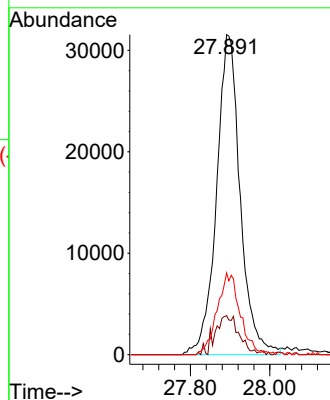
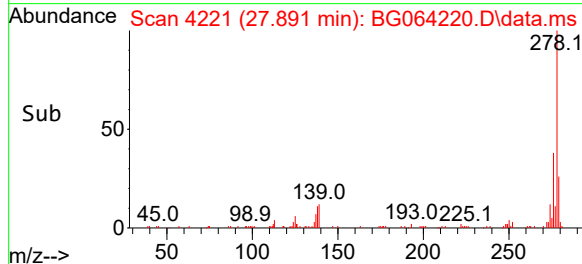
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:278 Resp: 130614
Ion Ratio Lower Upper
278 100
139 12.2 9.0 13.4
279 25.5 18.8 28.2

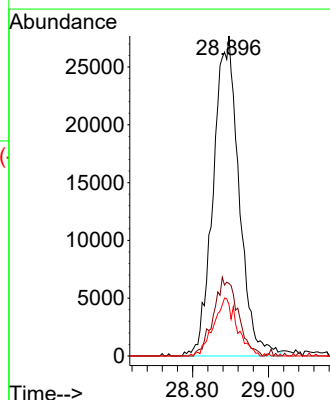
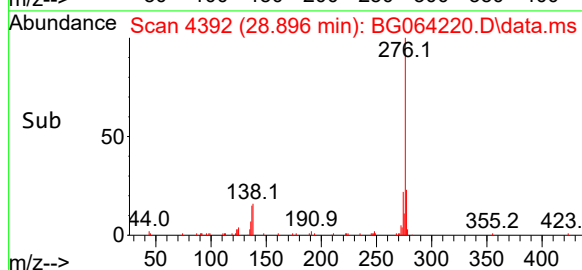
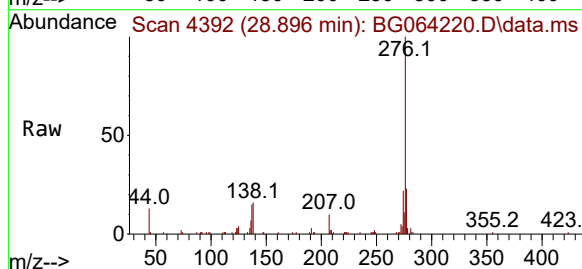
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#92
Benzo(g,h,i)perylene
Concen: 9.643 ng
RT: 28.896 min Scan# 4392
Delta R.T. -0.039 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:276 Resp: 130254
Ion Ratio Lower Upper
276 100
277 22.6 18.2 27.4
138 16.0 13.3 19.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
 Data File : BG064221.D
 Acq On : 28 Aug 2025 12:53
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:40:31 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 28 17:41:58 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.860	152	27893	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	132216	20.000	ng	0.00
39) Acenaphthene-d10	14.481	164	97594	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	226286	20.000	ng	0.00
76) Chrysene-d12	21.450	240	233668	20.000	ng	0.00
86) Perylene-d12	24.458	264	258172	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	64409	41.428	ng	0.00
7) Phenol-d6	7.019	99	88910	41.626	ng	-0.01
23) Nitrobenzene-d5	9.005	82	97869	41.282	ng	-0.01
42) 2,4,6-Tribromophenol	15.968	330	52925	40.942	ng	0.00
45) 2-Fluorobiphenyl	13.106	172	265127	41.465	ng	0.00
79) Terphenyl-d14	19.840	244	468161	41.801	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.359	88	13364	20.623	ng	89
3) Pyridine	3.753	79	38395	20.128	ng	# 52
4) n-Nitrosodimethylamine	3.665	42	25498	20.209	ng	# 84
6) Aniline	7.184	93	60202	20.382	ng	# 92
8) 2-Chlorophenol	7.419	128	38517	20.274	ng	97
9) Benzaldehyde	6.996	77	31087m	17.686	ng	
10) Phenol	7.049	94	48810	20.727	ng	99
11) bis(2-Chloroethyl)ether	7.278	93	36896	20.850	ng	94
12) 1,3-Dichlorobenzene	7.748	146	41828	20.695	ng	99
13) 1,4-Dichlorobenzene	7.895	146	41264	20.230	ng	99
14) 1,2-Dichlorobenzene	8.206	146	41178	20.917	ng	91
15) Benzyl Alcohol	8.095	79	40053	20.320	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.377	45	83088	20.566	ng	97
17) 2-Methylphenol	8.294	107	37621	21.436	ng	# 85
18) Hexachloroethane	8.935	117	16021	20.121	ng	# 82
19) n-Nitroso-di-n-propyla...	8.659	70	34556	21.139	ng	# 96
20) 3+4-Methylphenols	8.623	107	49230	20.187	ng	99
22) Acetophenone	8.670	105	69031	20.637	ng	# 95
24) Nitrobenzene	9.052	77	52070	21.022	ng	99
25) Isophorone	9.569	82	104049	21.118	ng	98
26) 2-Nitrophenol	9.757	139	22361	20.893	ng	96
27) 2,4-Dimethylphenol	9.822	122	39643	21.097	ng	97
28) bis(2-Chloroethoxy)met...	10.057	93	55148	20.758	ng	95
29) 2,4-Dichlorophenol	10.292	162	42128	21.248	ng	95
30) 1,2,4-Trichlorobenzene	10.509	180	43234	20.681	ng	92
31) Naphthalene	10.692	128	142418	20.772	ng	98
32) Benzoic acid	9.928	122	27202	18.237	ng	92
33) 4-Chloroaniline	10.797	127	54708	20.588	ng	98
34) Hexachlorobutadiene	10.991	225	31157	20.163	ng	91
35) Caprolactam	11.555	113	17073	22.239	ng	# 84
36) 4-Chloro-3-methylphenol	11.920	107	53139	20.657	ng	92
37) 2-Methylnaphthalene	12.301	142	109822	21.550	ng	96
38) 1-Methylnaphthalene	12.525	142	105864	21.031	ng	98
40) 1,2,4,5-Tetrachloroben...	12.672	216	58253	20.687	ng	99
41) Hexachlorocyclopentadiene	12.660	237	24999	18.680	ng	81
43) 2,4,6-Trichlorophenol	12.913	196	39082	20.765	ng	94

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
 Data File : BG064221.D
 Acq On : 28 Aug 2025 12:53
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/29/2025
 Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:40:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.977	196	42626	20.878	ng	92
46) 1,1'-Biphenyl	13.318	154	145186	20.425	ng	99
47) 2-Chloronaphthalene	13.353	162	108659	20.333	ng	97
48) 2-Nitroaniline	13.553	65	36296	19.927	ng	96
49) Acenaphthylene	14.199	152	163464	20.693	ng	98
50) Dimethylphthalate	13.935	163	153139	20.731	ng	98
51) 2,6-Dinitrotoluene	14.052	165	29384	20.547	ng	90
52) Acenaphthene	14.546	154	114630	20.562	ng	97
53) 3-Nitroaniline	14.381	138	30798	20.559	ng	95
54) 2,4-Dinitrophenol	14.587	184	13409	18.989	ng #	86
55) Dibenzofuran	14.881	168	179568	20.478	ng	100
56) 4-Nitrophenol	14.687	139	24395	19.853	ng	91
57) 2,4-Dinitrotoluene	14.840	165	45085	20.850	ng	94
58) Fluorene	15.527	166	151193	21.037	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.104	232	40905	20.831	ng	98
60) Diethylphthalate	15.304	149	162465	20.550	ng	99
61) 4-Chlorophenyl-phenyle...	15.527	204	74031	20.660	ng	93
62) 4-Nitroaniline	15.539	138	30317	19.833	ng	97
63) Azobenzene	15.815	77	147419	20.922	ng	96
65) 4,6-Dinitro-2-methylph...	15.603	198	24257	18.671	ng	93
66) n-Nitrosodiphenylamine	15.739	169	129237	20.761	ng	98
67) 4-Bromophenyl-phenylether	16.414	248	49269	20.499	ng	93
68) Hexachlorobenzene	16.532	284	55170	20.671	ng	93
69) Atrazine	16.685	200	52170	20.072	ng	99
70) Pentachlorophenol	16.873	266	30473	18.830	ng	88
71) Phenanthrene	17.260	178	246727	20.672	ng	98
72) Anthracene	17.354	178	247090	20.352	ng	99
73) Carbazole	17.619	167	217200	20.308	ng	99
74) Di-n-butylphthalate	18.195	149	259387	20.187	ng	98
75) Fluoranthene	19.276	202	287131	20.461	ng	97
77) Benzidine	19.458	184	122689	24.959	ng	99
78) Pyrene	19.634	202	300446	20.409	ng	98
80) Butylbenzylphthalate	20.533	149	114931	20.699	ng	97
81) Benzo(a)anthracene	21.432	228	306551	20.506	ng	99
82) 3,3'-Dichlorobenzidine	21.356	252	102925	21.141	ng	100
83) Chrysene	21.497	228	293057	20.420	ng	98
84) Bis(2-ethylhexyl)phtha...	21.361	149	167957	20.148	ng #	96
85) Di-n-octyl phthalate	22.501	149	295768	20.362	ng	100
87) Indeno(1,2,3-cd)pyrene	27.842	276	357251	20.263	ng #	96
88) Benzo(b)fluoranthene	23.512	252	295568	20.285	ng	98
89) Benzo(k)fluoranthene	23.576	252	304190	20.492	ng	97
90) Benzo(a)pyrene	24.317	252	277917	20.504	ng	98
91) Dibenzo(a,h)anthracene	27.901	278	287627	20.318	ng	95
92) Benzo(g,h,i)perylene	28.900	276	276197	20.051	ng	99

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

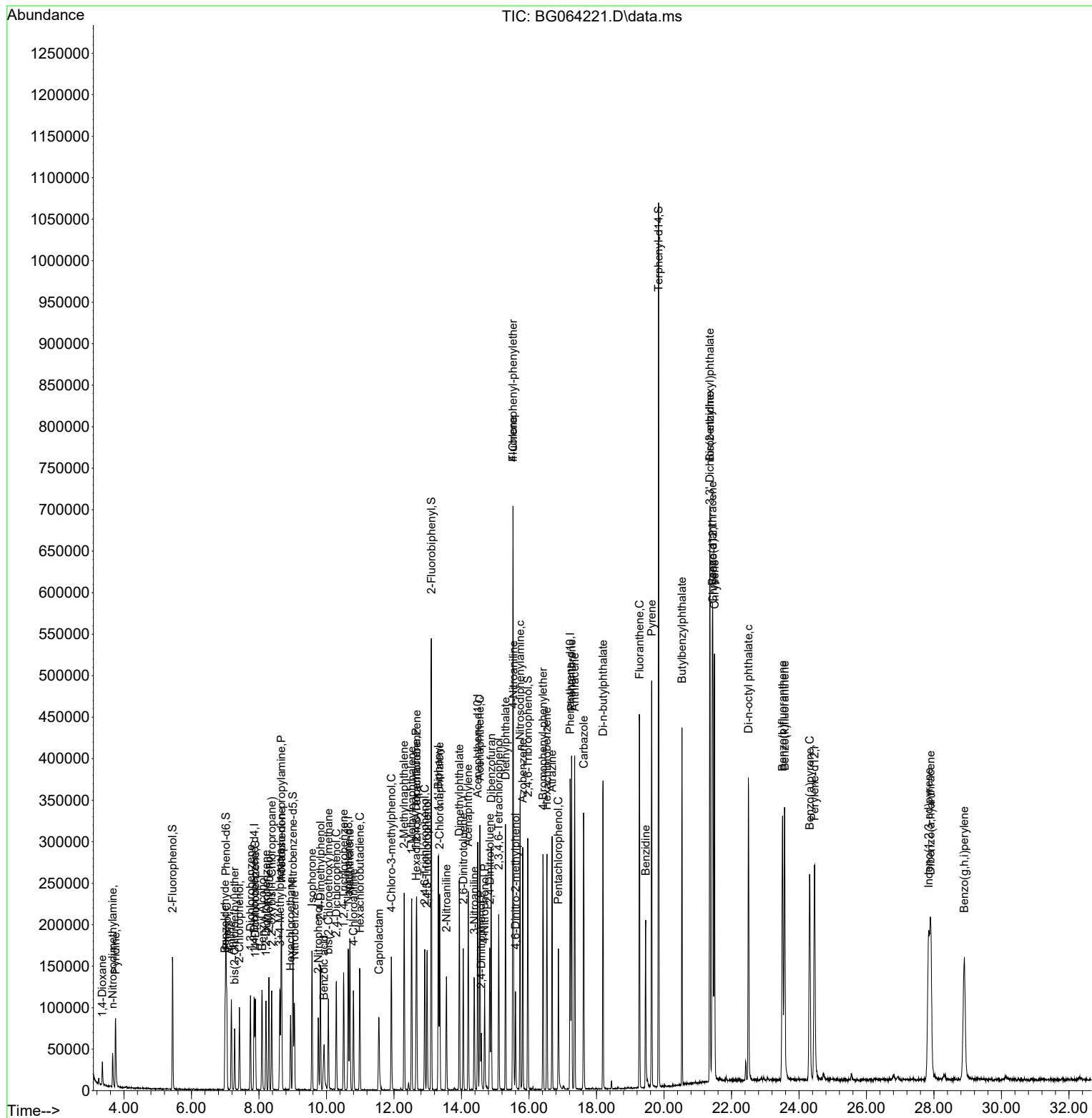
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Data File : BG064221.D
Acq On : 28 Aug 2025 12:53
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

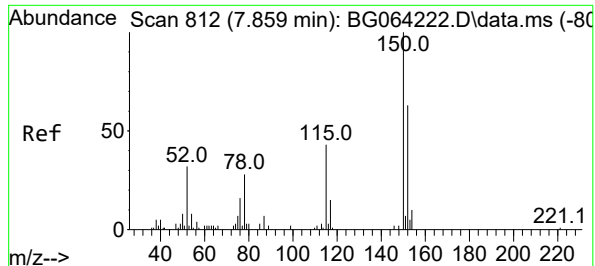
Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jaagrut Upadhyay 08/29/2025

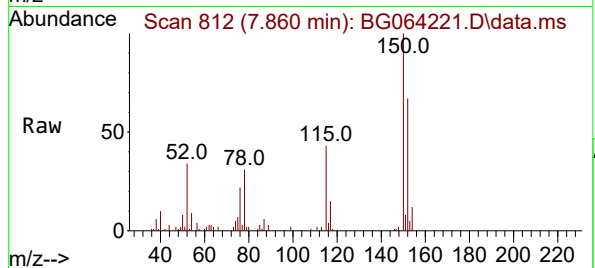
Quant Time: Aug 28 18:40:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.860 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

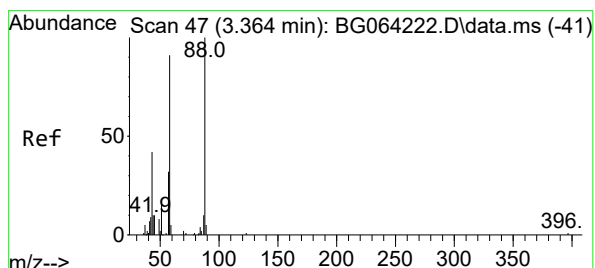
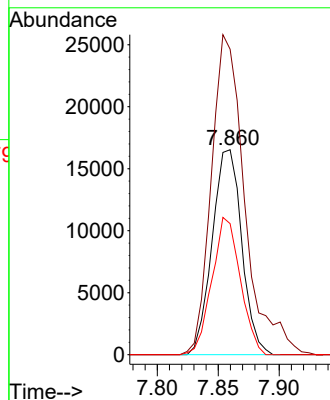
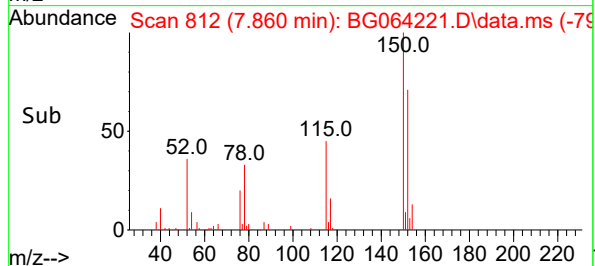
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:152 Resp: 2789
Ion Ratio Lower Upper
152 100
150 149.1 128.0 192.0
115 64.0 55.7 83.5

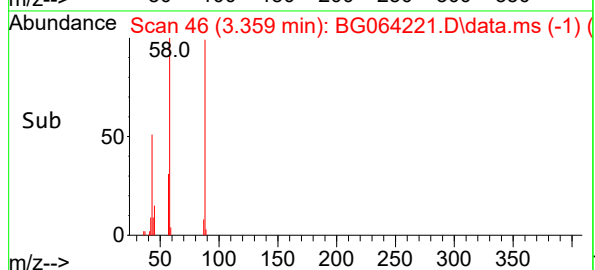
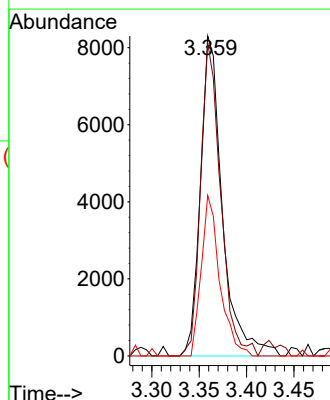
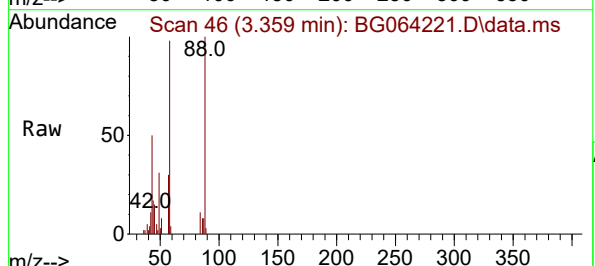
Manual Integrations
APPROVED

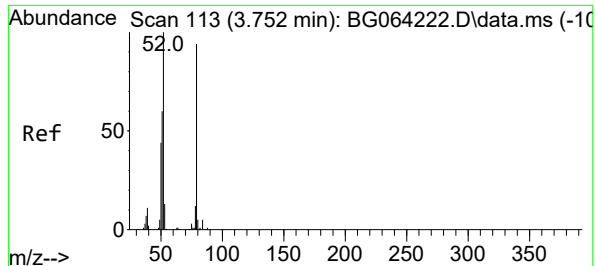
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#2
1,4-Dioxane
Concen: 20.623 ng
RT: 3.359 min Scan# 46
Delta R.T. 0.001 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

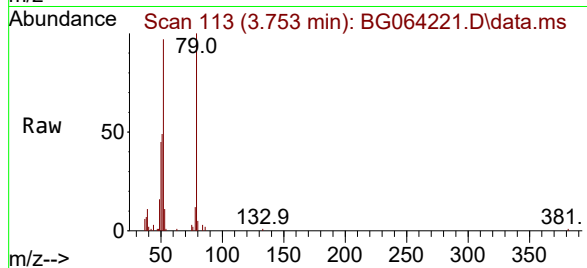
Tgt Ion: 88 Resp: 13364
Ion Ratio Lower Upper
88 100
58 89.6 80.8 121.2
43 42.4 40.3 60.5





#3
Pyridine
Concen: 20.128 ng
RT: 3.753 min Scan# 113
Delta R.T. 0.000 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

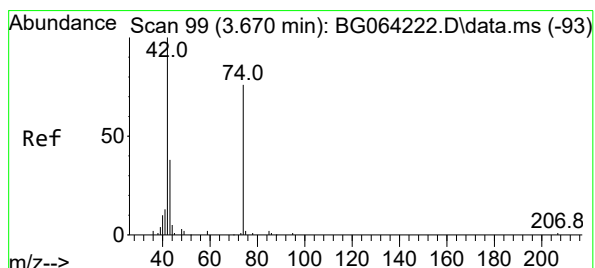
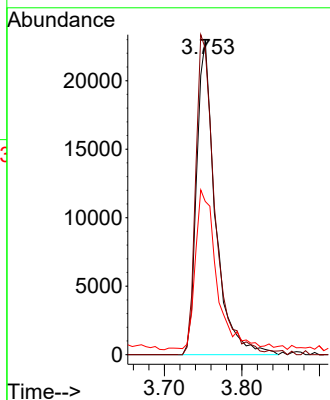
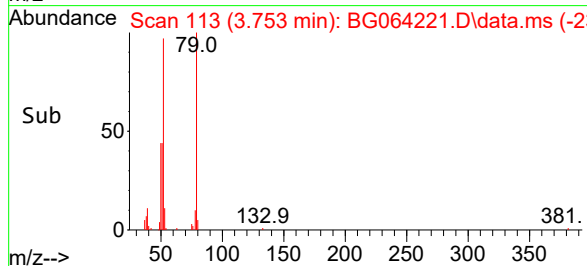
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion: 79 Resp: 3839
Ion Ratio Lower Upper
79 100
52 97.5 86.6 129.8
51 48.8 114.1 171.1

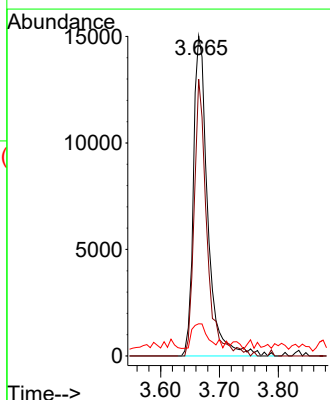
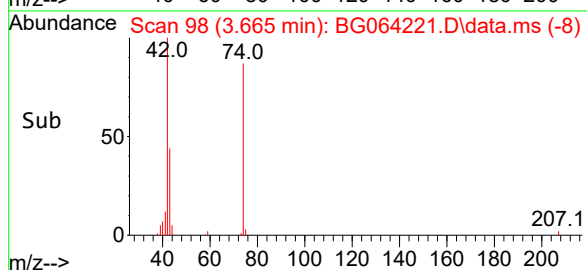
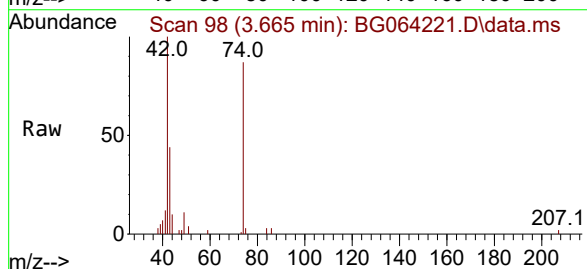
Manual Integrations
APPROVED

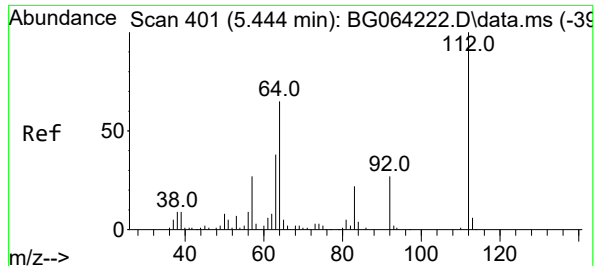
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#4
n-Nitrosodimethylamine
Concen: 20.209 ng
RT: 3.665 min Scan# 98
Delta R.T. 0.001 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion: 42 Resp: 25498
Ion Ratio Lower Upper
42 100
74 86.5 58.0 87.0
44 10.0 5.5 8.3





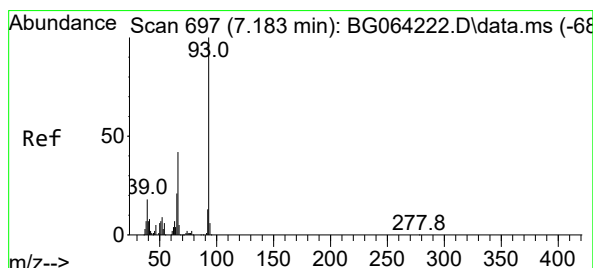
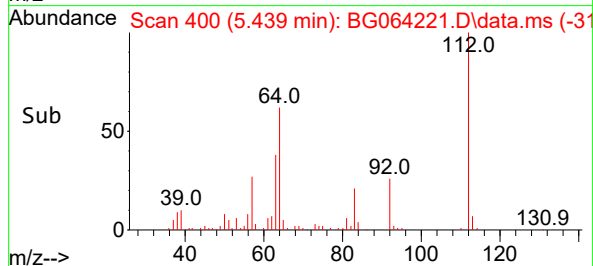
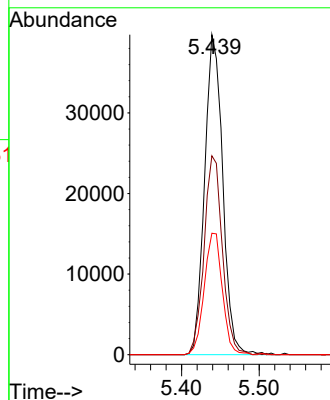
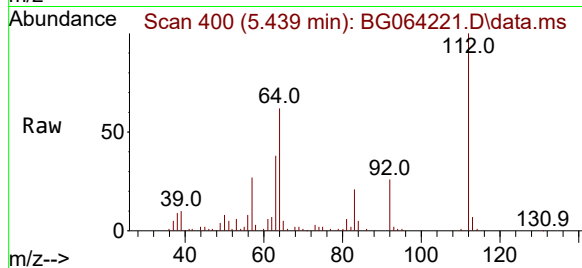
#5
2-Fluorophenol
Concen: 41.428 ng
RT: 5.439 min Scan# 401
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:112 Resp: 64409
Ion Ratio Lower Upper
112 100
64 62.1 51.8 77.6
63 38.0 30.6 45.8

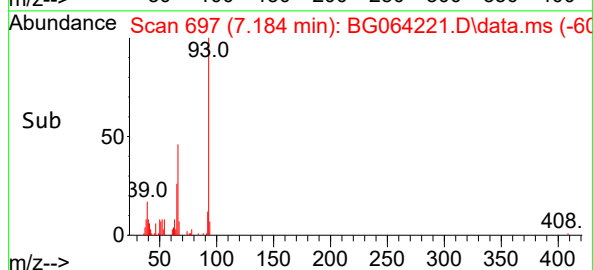
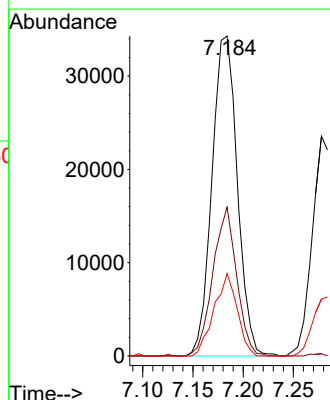
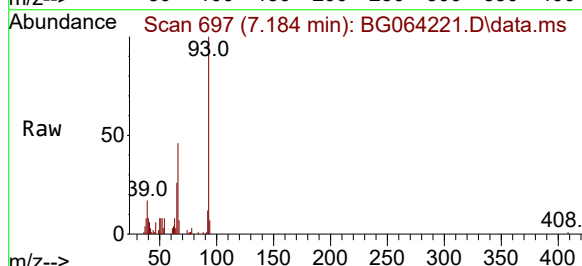
Manual Integrations
APPROVED

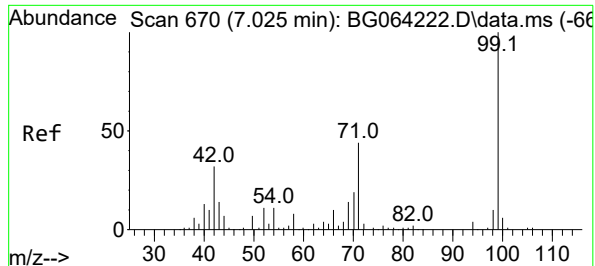
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#6
Aniline
Concen: 20.382 ng
RT: 7.184 min Scan# 697
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion: 93 Resp: 60202
Ion Ratio Lower Upper
93 100
66 46.5 33.8 50.8
65 25.8 16.9 25.3#





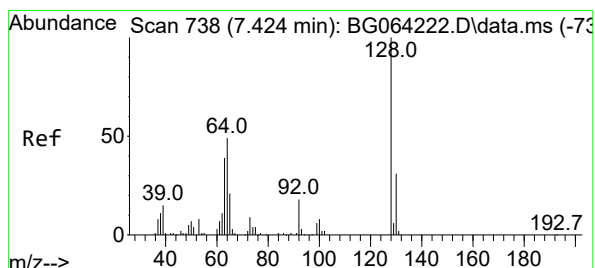
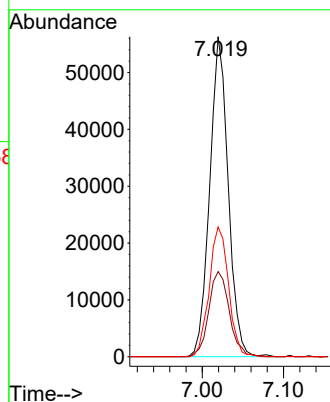
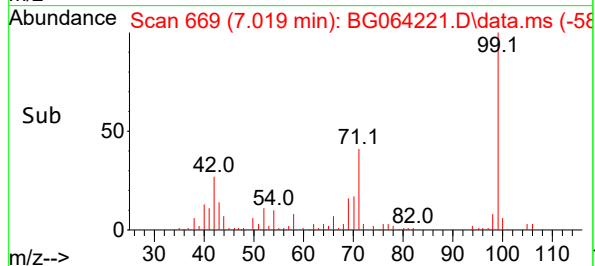
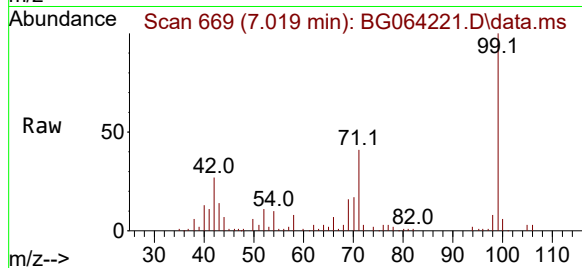
#7
Phenol-d6
Concen: 41.626 ng
RT: 7.019 min Scan# 60
Delta R.T. -0.011 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion: 99 Resp: 88910
Ion Ratio Lower Upper
99 100
42 26.6 25.8 38.8
71 40.6 35.2 52.8

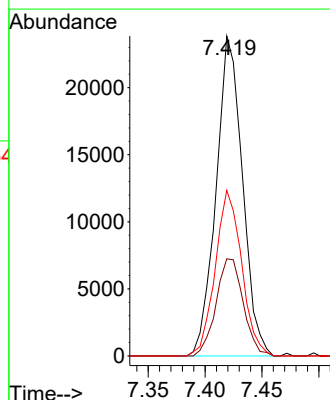
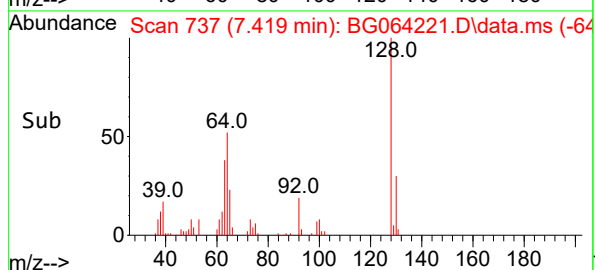
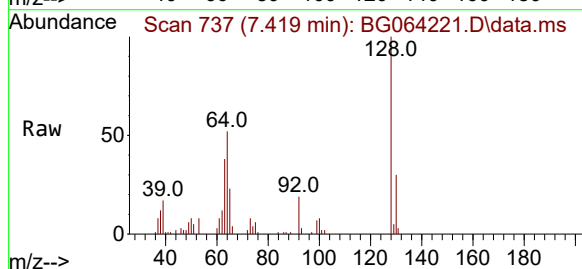
Manual Integrations
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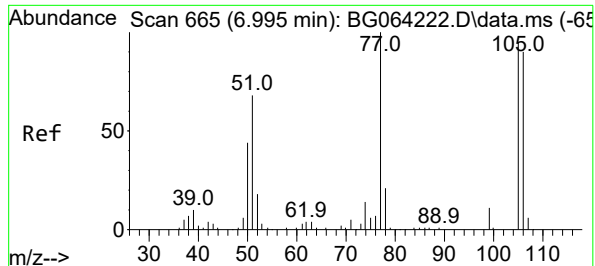
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#8
2-Chlorophenol
Concen: 20.274 ng
RT: 7.419 min Scan# 737
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

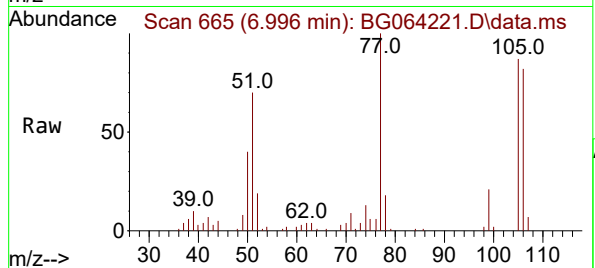
Tgt Ion:128 Resp: 38517
Ion Ratio Lower Upper
128 100
130 30.4 10.9 50.9
64 51.8 28.7 68.7





#9
Benzaldehyde
Concen: 17.686 ng m
RT: 6.996 min Scan# 665
Delta R.T. 0.001 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

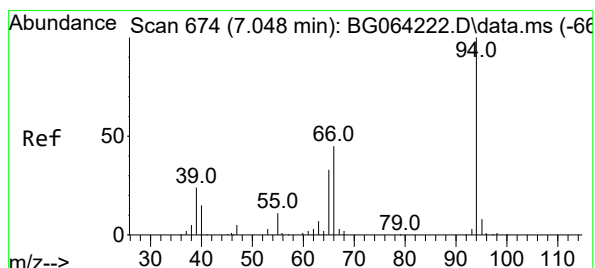
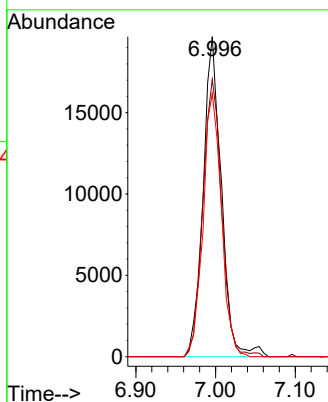
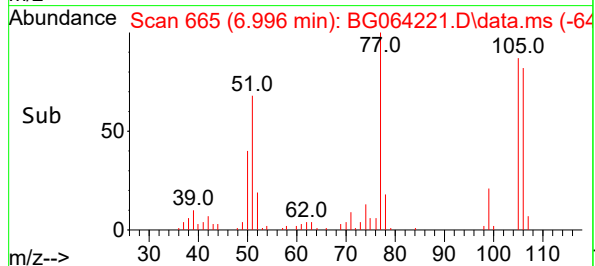
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion: 77 Resp: 3108
Ion Ratio Lower Upper
77 100
105 86.6 75.2 115.2
106 82.2 69.6 109.6

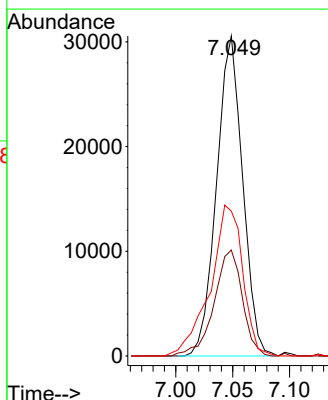
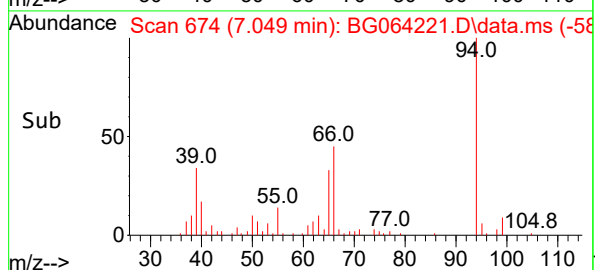
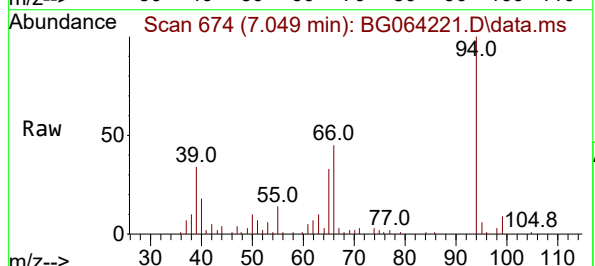
Manual Integrations
APPROVED

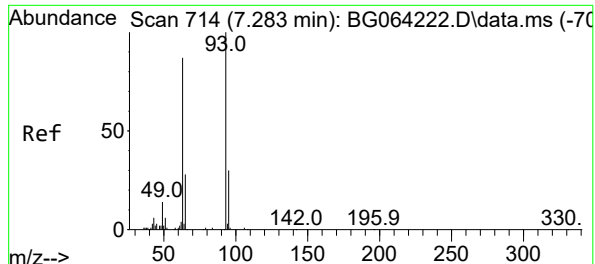
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#10
Phenol
Concen: 20.727 ng
RT: 7.049 min Scan# 674
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion: 94 Resp: 48810
Ion Ratio Lower Upper
94 100
65 33.1 13.5 53.5
66 45.3 26.2 66.2





#11

bis(2-Chloroethyl)ether

Concen: 20.850 ng

RT: 7.278 min Scan# 714

Delta R.T. -0.005 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion: 93 Resp: 36890

Ion Ratio Lower Upper

93 100

63 92.1 66.2 106.2

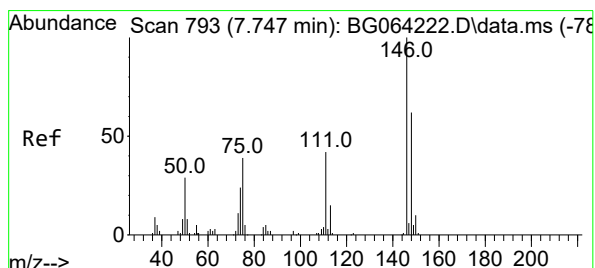
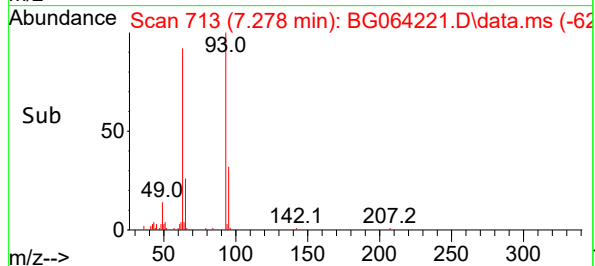
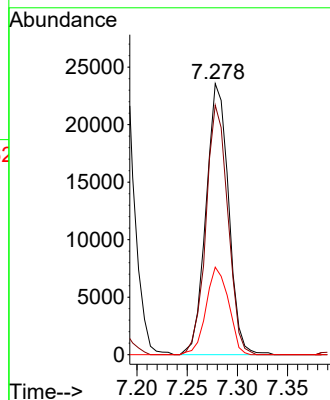
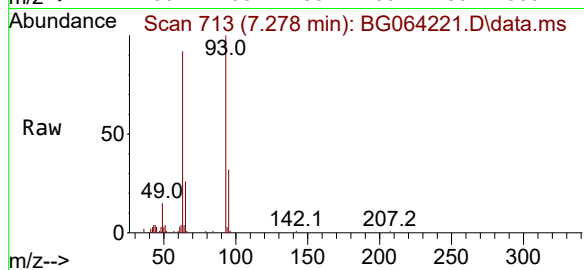
95 32.3 9.8 49.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#12

1,3-Dichlorobenzene

Concen: 20.695 ng

RT: 7.748 min Scan# 793

Delta R.T. 0.001 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

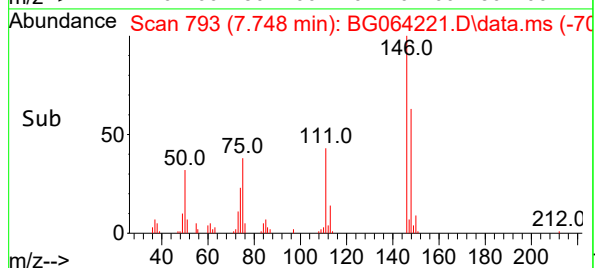
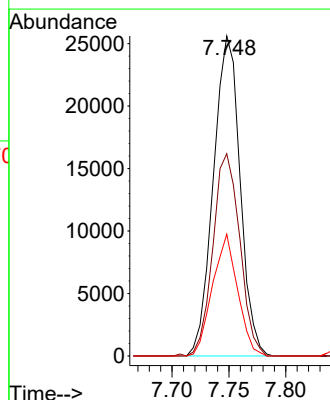
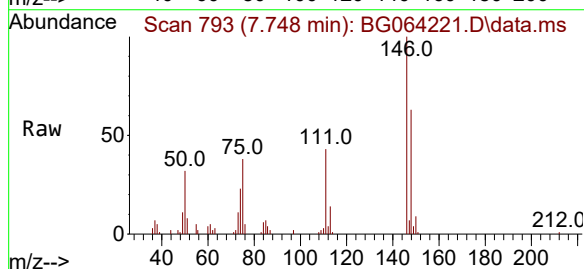
Tgt Ion:146 Resp: 41828

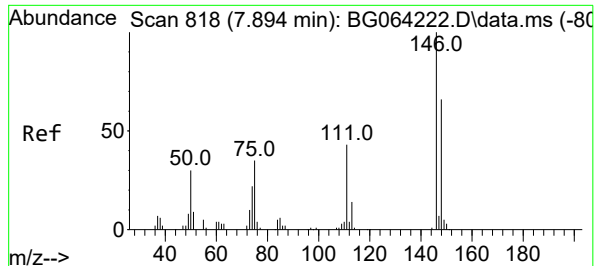
Ion Ratio Lower Upper

146 100

148 63.2 49.6 74.4

75 38.0 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 20.230 ng

RT: 7.895 min Scan# 818

Delta R.T. 0.000 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:146 Resp: 41264

Ion Ratio Lower Upper

146 100

148 66.7 52.8 79.2

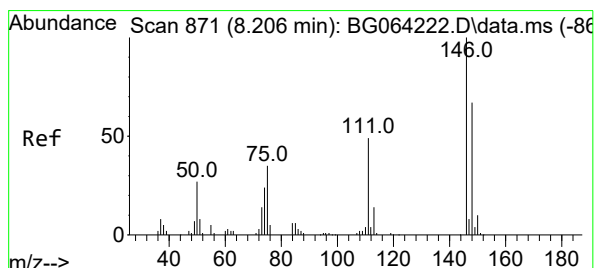
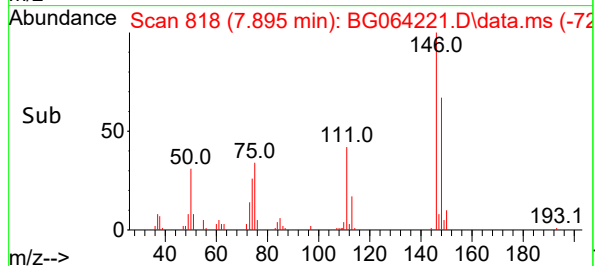
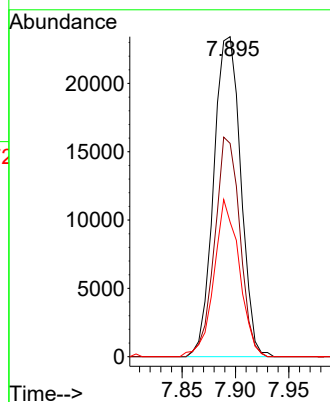
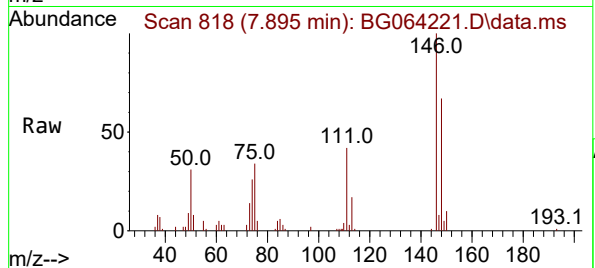
111 42.0 34.1 51.1

Manual Integrations

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Supervised By :Jagrut Upadhyay 08/29/2025



#14

1,2-Dichlorobenzene

Concen: 20.917 ng

RT: 8.206 min Scan# 871

Delta R.T. -0.005 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

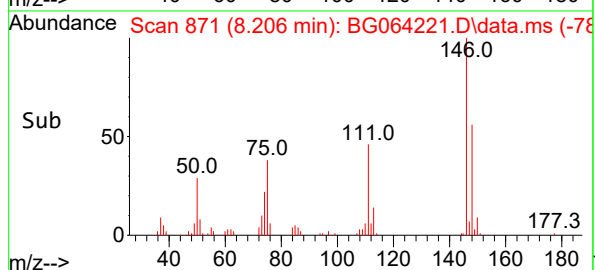
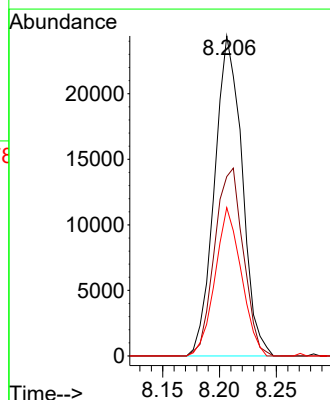
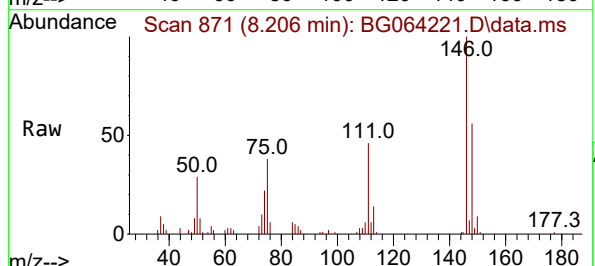
Tgt Ion:146 Resp: 41178

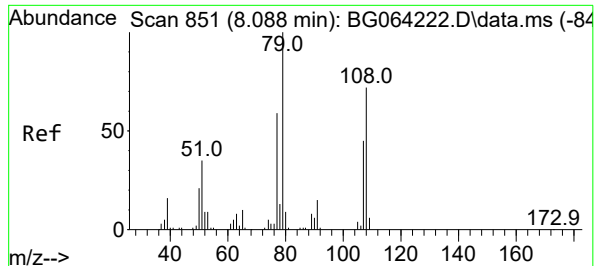
Ion Ratio Lower Upper

146 100

148 56.0 53.4 80.0

111 46.4 39.1 58.7





#15

Benzyl Alcohol

Concen: 20.320 ng

RT: 8.095 min Scan# 80

Delta R.T. 0.000 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 4005

Ion Ratio Lower Upper

79 100

108 70.8 57.4 86.0

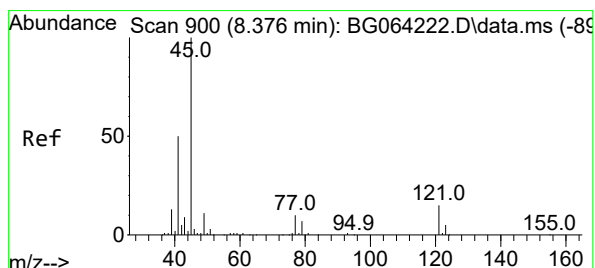
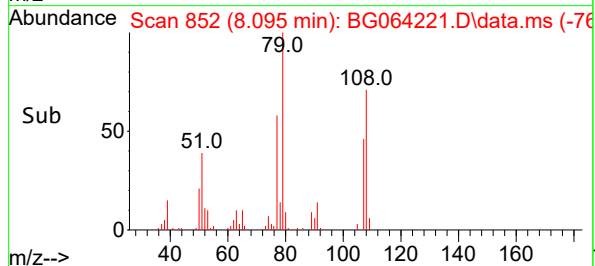
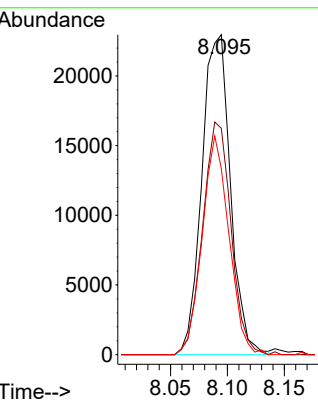
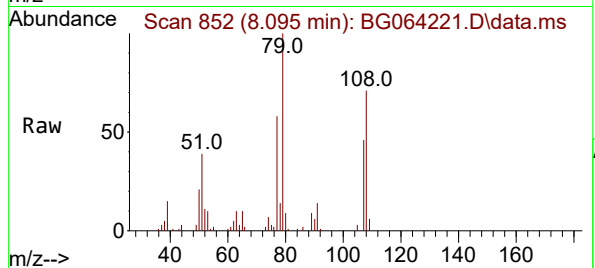
77 58.2 47.2 70.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.566 ng

RT: 8.377 min Scan# 900

Delta R.T. 0.000 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

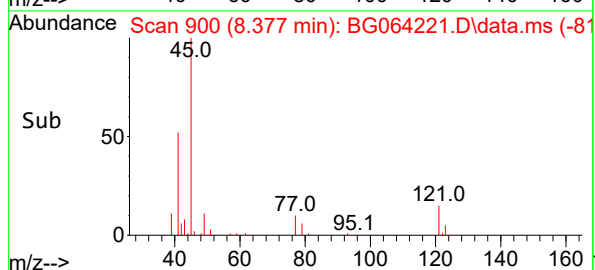
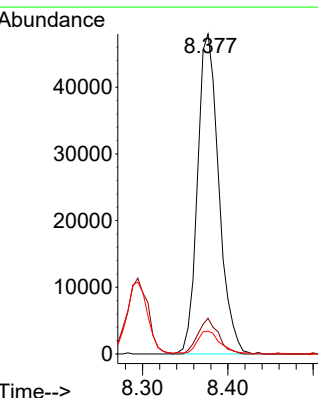
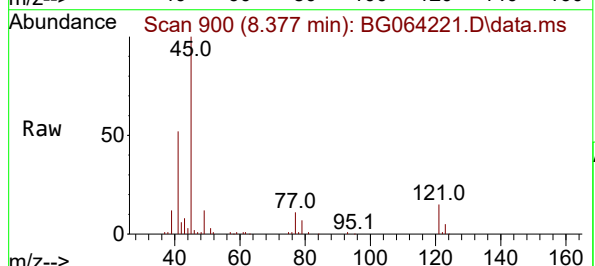
Tgt Ion: 45 Resp: 83088

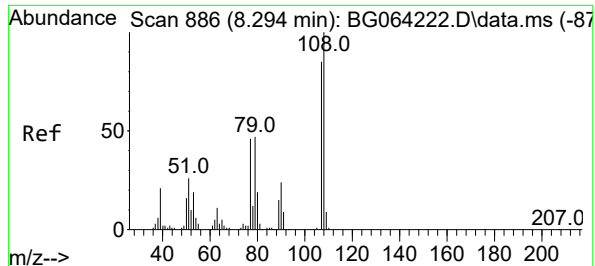
Ion Ratio Lower Upper

45 100

77 11.2 0.0 30.0

79 7.1 0.0 27.9





#17

2-Methylphenol

Concen: 21.436 ng

RT: 8.294 min Scan# 886

Delta R.T. -0.005 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:107 Resp: 3762

Ion Ratio Lower Upper

107 100

108 100.2 94.6 141.8

77 46.8 43.7 65.5

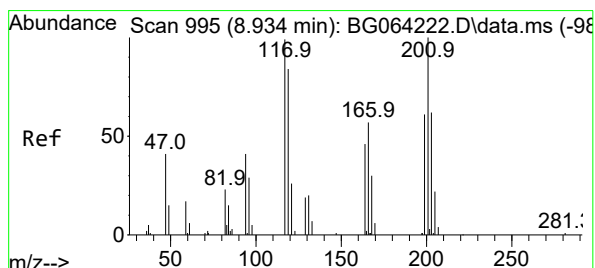
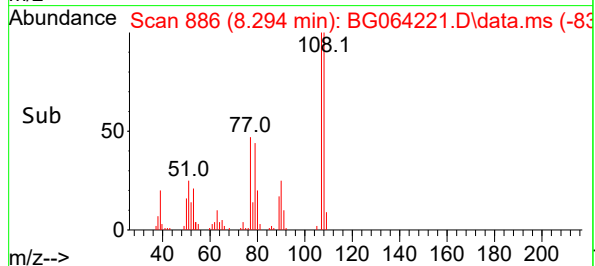
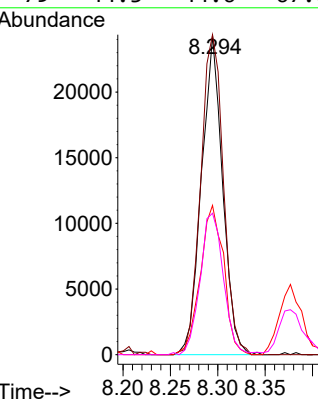
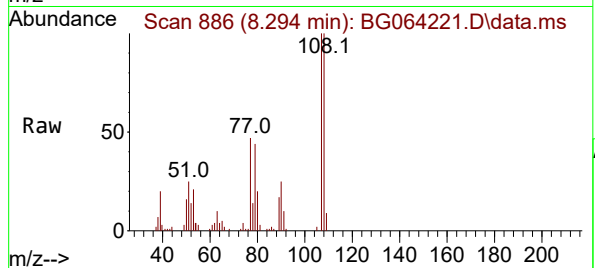
79 44.3 44.6 67.0#

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#18

Hexachloroethane

Concen: 20.121 ng

RT: 8.935 min Scan# 995

Delta R.T. 0.001 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

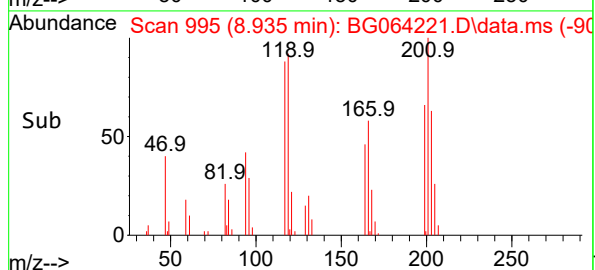
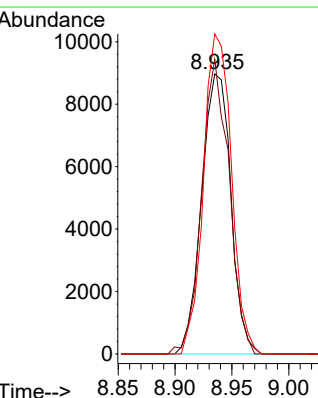
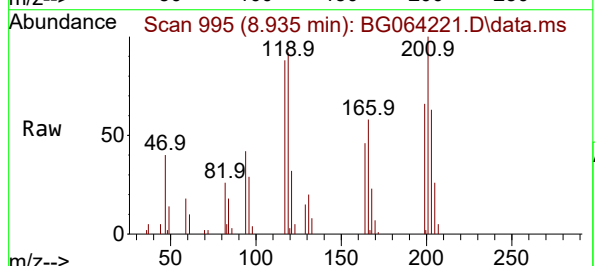
Tgt Ion:117 Resp: 16021

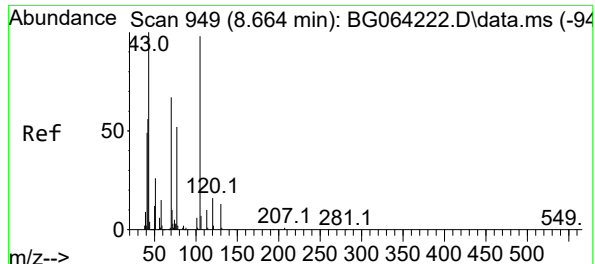
Ion Ratio Lower Upper

117 100

119 105.2 67.9 101.9#

201 114.3 80.5 120.7





#19

n-Nitroso-di-n-propylamine

Concen: 21.139 ng

RT: 8.659 min Scan# 94

Delta R.T. -0.005 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 34550

Ion Ratio Lower Upper

70 100

42 87.6 67.9 101.9

101 11.8 7.3 10.9

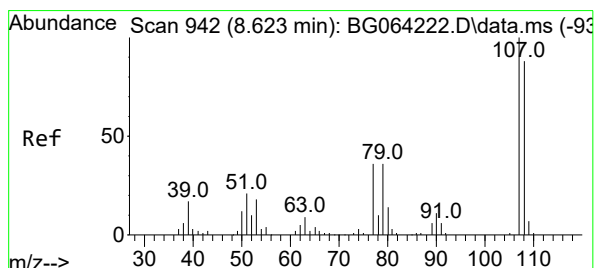
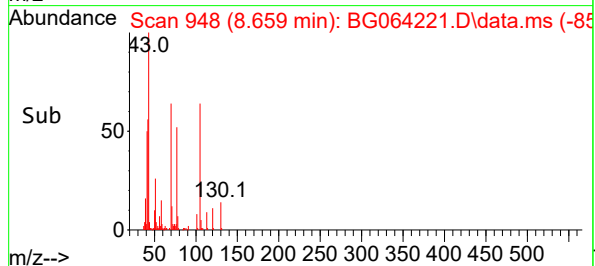
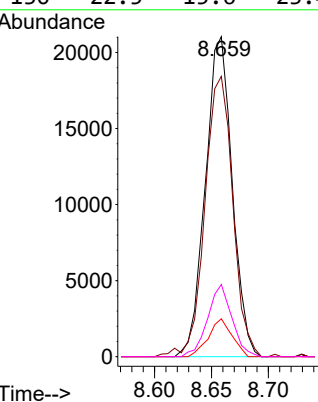
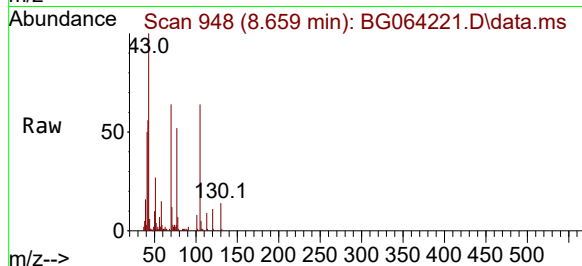
130 22.5 15.6 23.4

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#20

3+4-Methylphenols

Concen: 20.187 ng

RT: 8.623 min Scan# 942

Delta R.T. -0.005 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

Tgt Ion:107 Resp: 49230

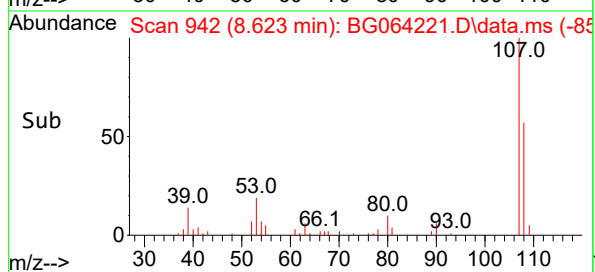
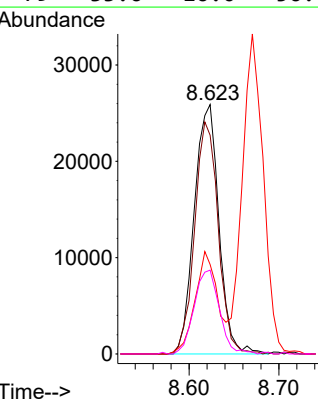
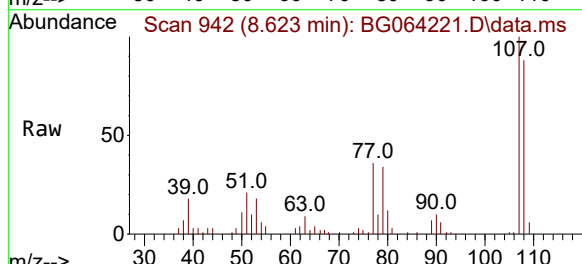
Ion Ratio Lower Upper

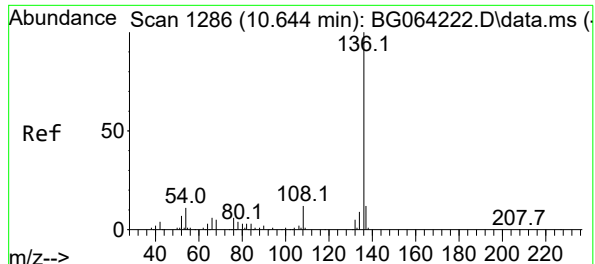
107 100

108 87.6 68.1 108.1

77 35.8 15.9 55.9

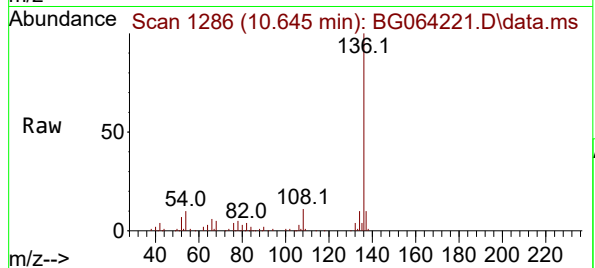
79 33.6 16.0 56.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1286
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

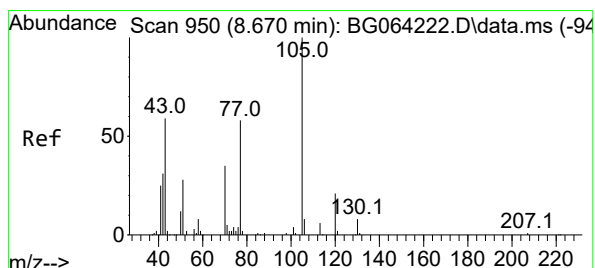
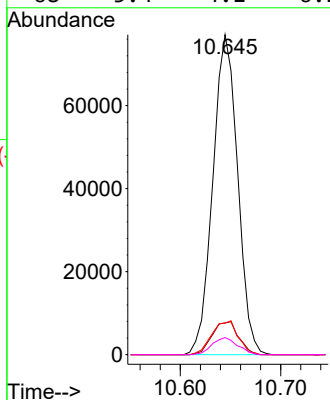
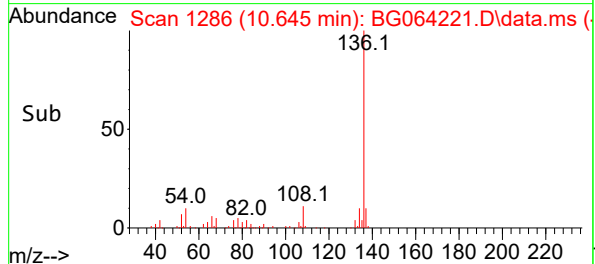
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:136 Resp: 132210
Ion Ratio Lower Upper
136 100
137 9.9 9.6 14.4
54 9.8 8.8 13.2
68 5.4 4.1 6.1

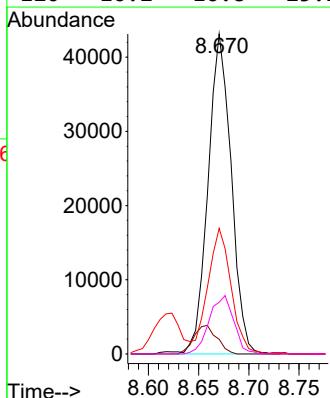
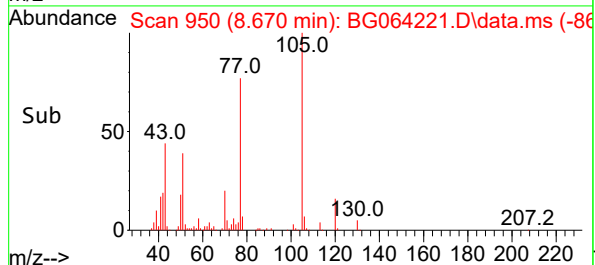
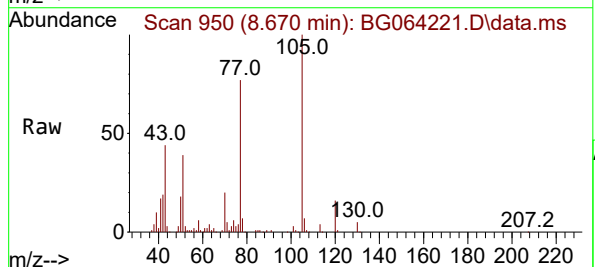
Manual Integrations
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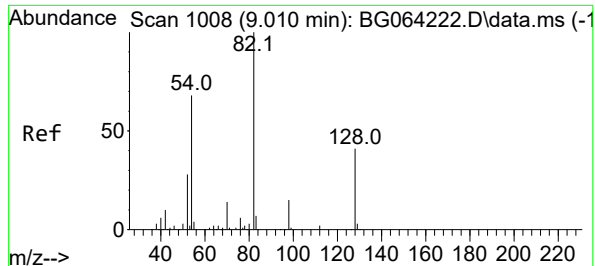
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#22
Acetophenone
Concen: 20.637 ng
RT: 8.670 min Scan# 950
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:105 Resp: 69031
Ion Ratio Lower Upper
105 100
71 4.6 4.3 6.5
51 39.3 32.4 48.6
120 16.2 16.8 25.2#





#23

Nitrobenzene-d5

Concen: 41.282 ng

RT: 9.005 min Scan# 1007

Delta R.T. -0.011 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 97869

Ion Ratio Lower Upper

82 100

128 39.4 32.6 48.8

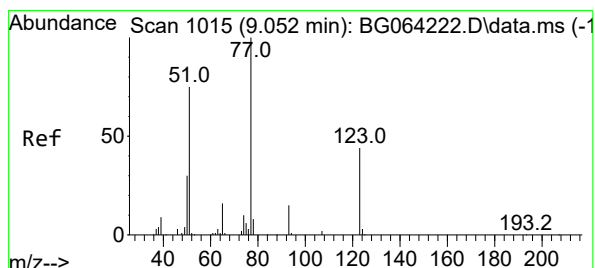
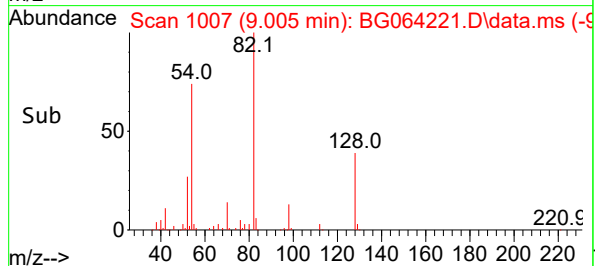
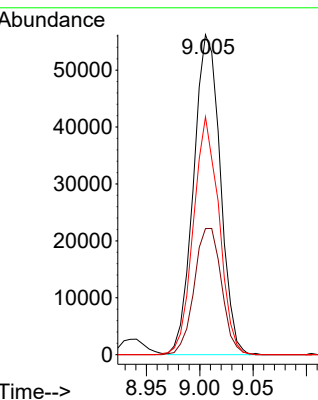
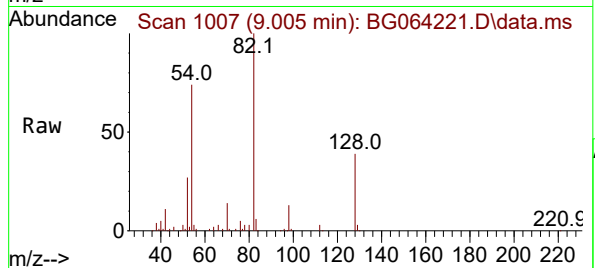
54 74.3 54.7 82.1

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#24

Nitrobenzene

Concen: 21.022 ng

RT: 9.052 min Scan# 1015

Delta R.T. -0.005 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

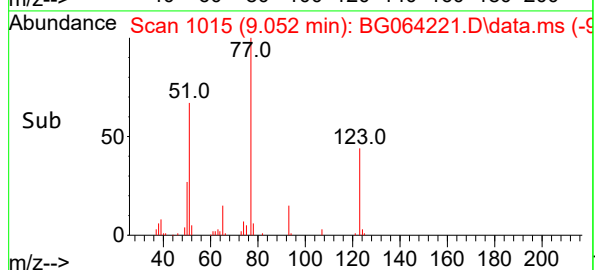
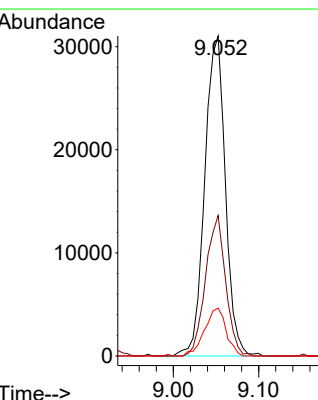
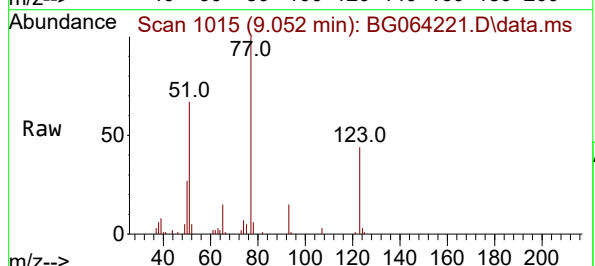
Tgt Ion: 77 Resp: 52070

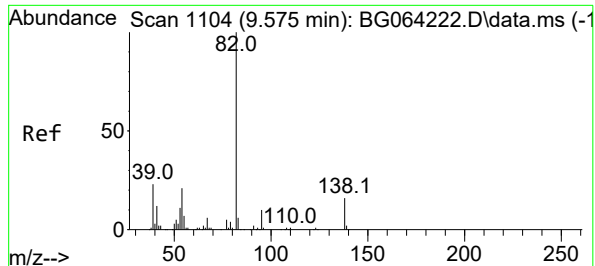
Ion Ratio Lower Upper

77 100

123 43.9 35.2 52.8

65 15.0 12.6 19.0





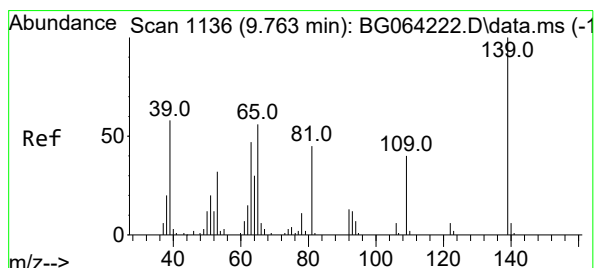
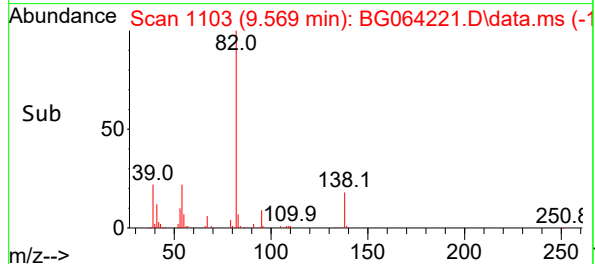
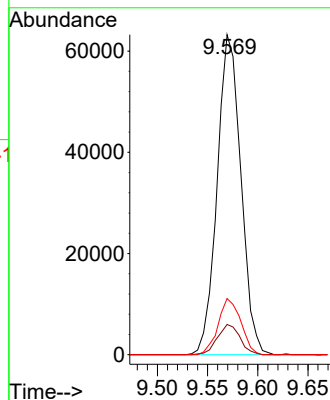
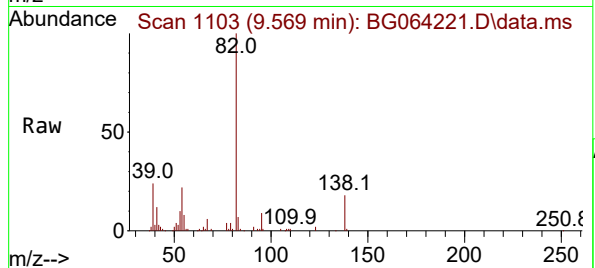
#25
Isophorone
Concen: 21.118 ng
RT: 9.569 min Scan# 1104
Delta R.T. -0.017 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 104049
Ion Ratio Lower Upper
82 100
95 9.4 7.9 11.9
138 17.5 13.0 19.4

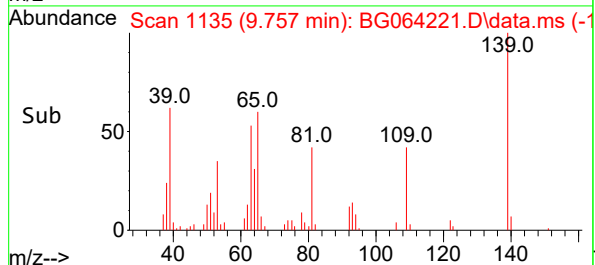
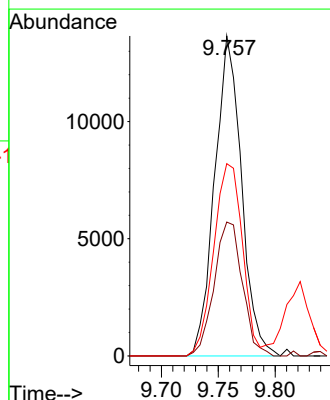
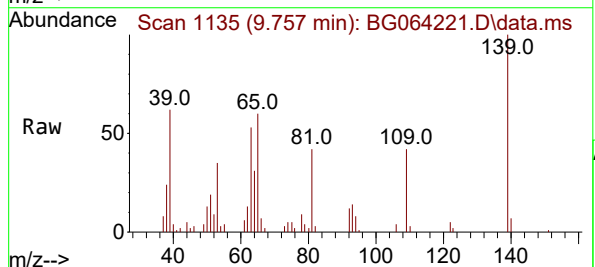
Manual Integrations
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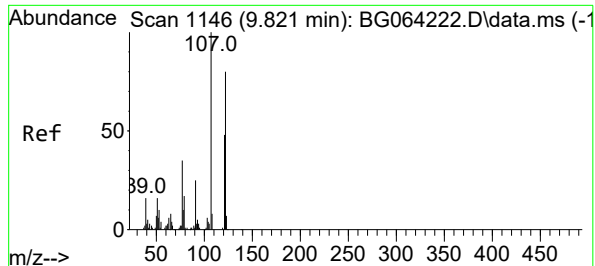
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#26
2-Nitrophenol
Concen: 20.893 ng
RT: 9.757 min Scan# 1135
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:139 Resp: 22361
Ion Ratio Lower Upper
139 100
109 41.8 32.4 48.6
65 60.1 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 21.097 ng

RT: 9.822 min Scan# 1146

Delta R.T. -0.005 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

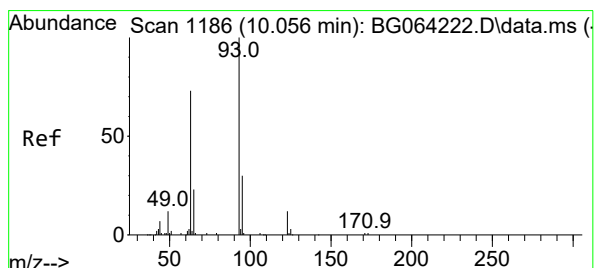
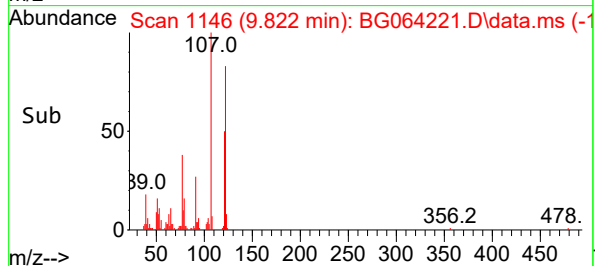
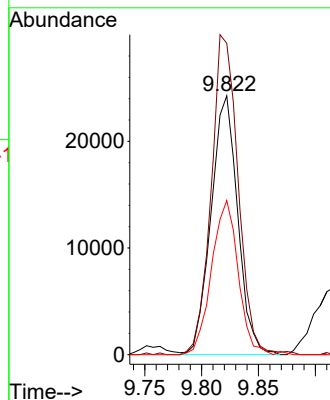
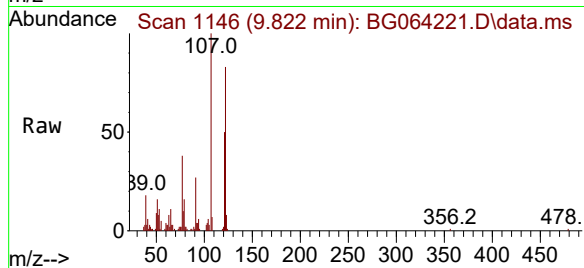
Tgt Ion:	122	Resp:	3964
Ion	Ratio	Lower	Upper
122	100		
107	120.2	99.9	149.9
121	59.6	48.6	72.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#28

bis(2-Chloroethoxy)methane

Concen: 20.758 ng

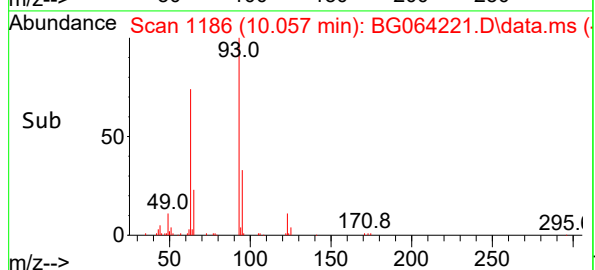
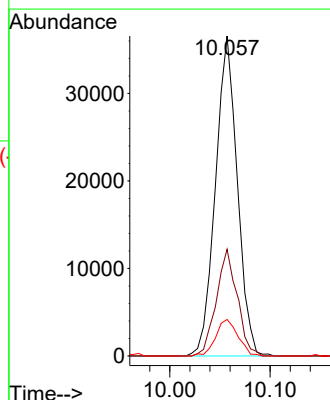
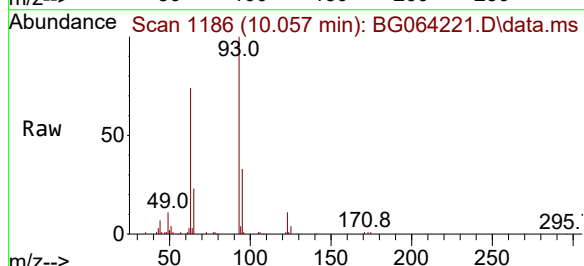
RT: 10.057 min Scan# 1186

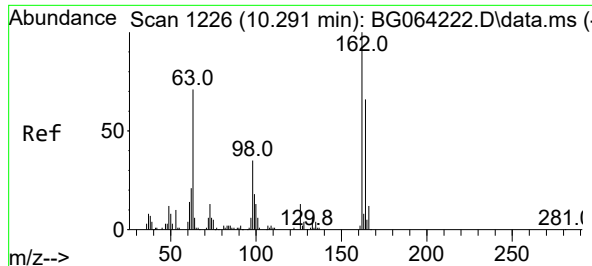
Delta R.T. -0.005 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

Tgt Ion:	93	Resp:	55148
Ion	Ratio	Lower	Upper
93	100		
95	33.3	23.9	35.9
123	11.4	9.6	14.4





#29

2,4-Dichlorophenol

Concen: 21.248 ng

RT: 10.292 min Scan# 1226

Delta R.T. -0.005 min

Lab File: BG064221.D

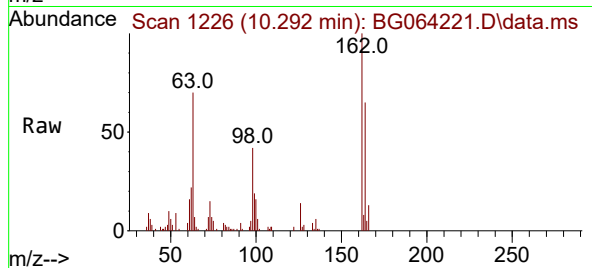
Acq: 28 Aug 2025 12:53

Instrument :

BNA_G

ClientSampleId :

SSTDICC020



Tgt Ion:162 Resp: 42128

Ion Ratio Lower Upper

162 100

164 65.4 45.8 85.8

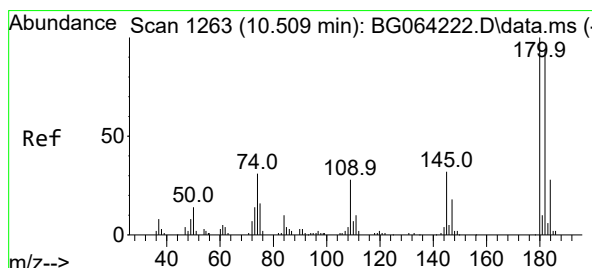
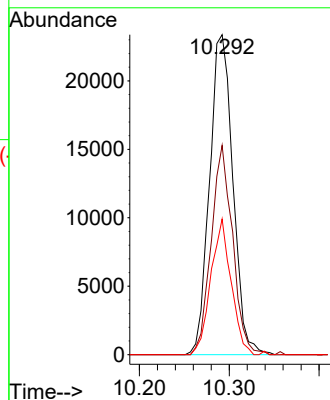
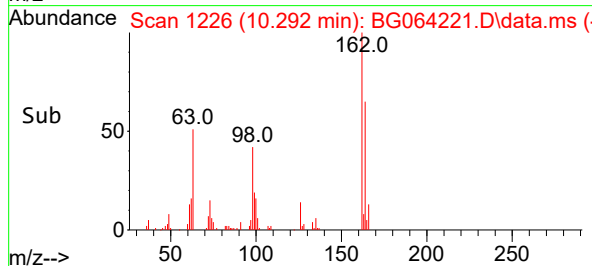
98 42.4 15.2 55.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#30

1,2,4-Trichlorobenzene

Concen: 20.681 ng

RT: 10.509 min Scan# 1263

Delta R.T. 0.001 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

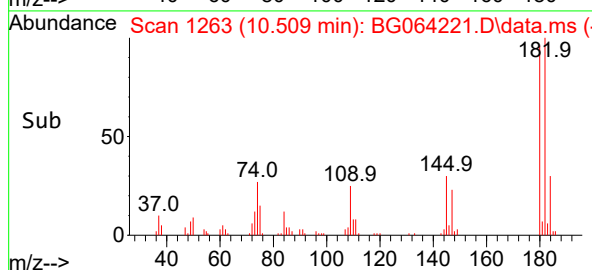
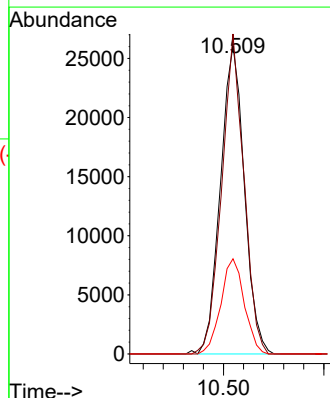
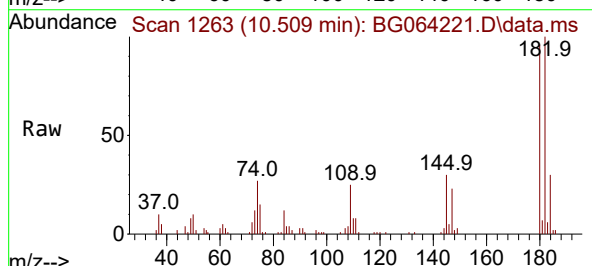
Tgt Ion:180 Resp: 43234

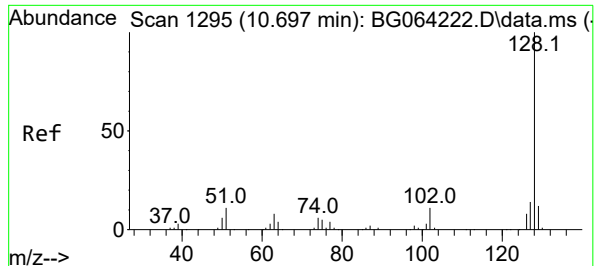
Ion Ratio Lower Upper

180 100

182 103.8 75.0 112.6

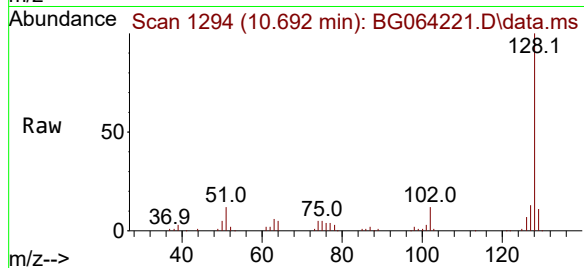
145 30.9 25.4 38.0





#31
Naphthalene
Concen: 20.772 ng
RT: 10.692 min Scan# 1164
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

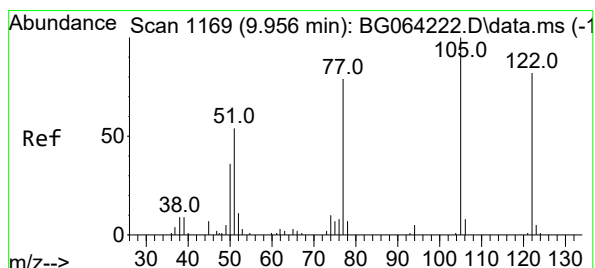
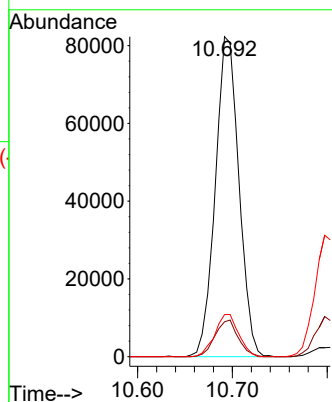
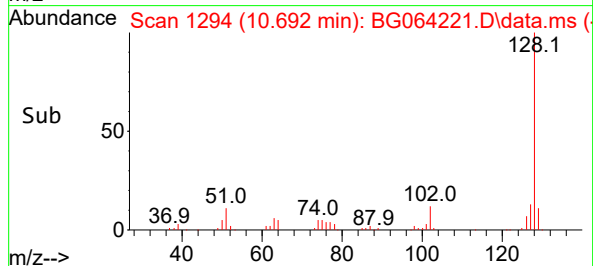
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:128 Resp: 142418
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.2
127 13.1 10.9 16.3

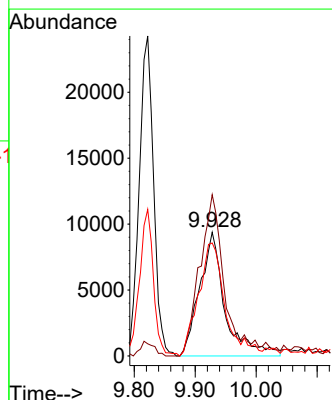
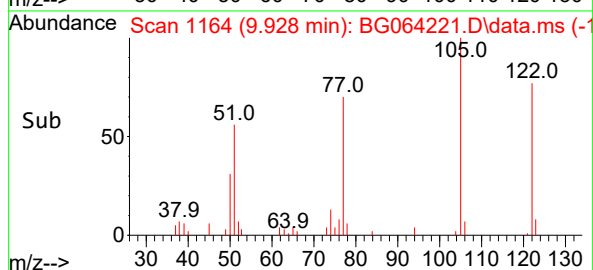
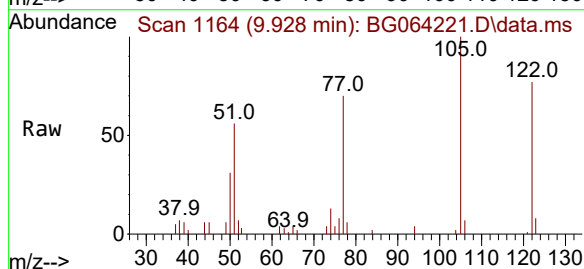
Manual Integrations
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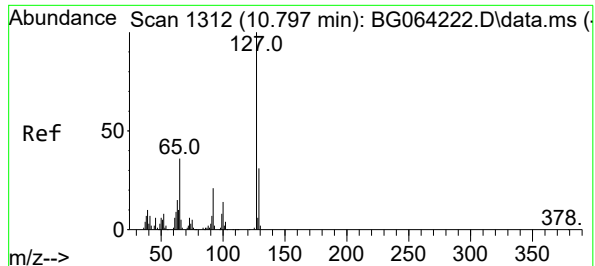
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#32
Benzoic acid
Concen: 18.237 ng
RT: 9.928 min Scan# 1164
Delta R.T. -0.088 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:122 Resp: 27202
Ion Ratio Lower Upper
122 100
105 130.4 98.5 138.5
77 91.2 74.6 114.6





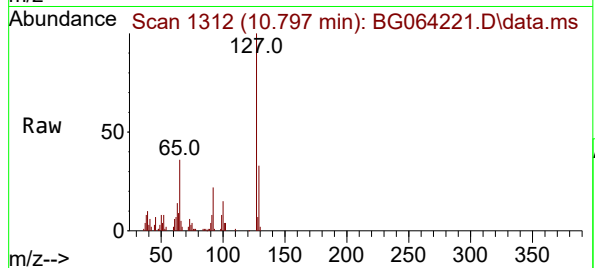
#33
4-Chloroaniline
Concen: 20.588 ng
RT: 10.797 min Scan# 1312
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

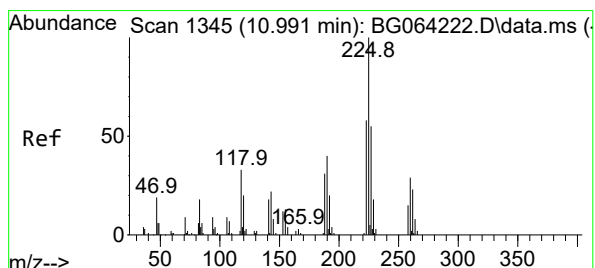
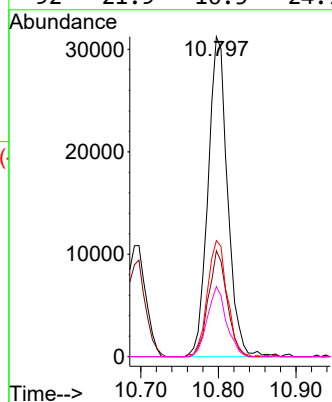
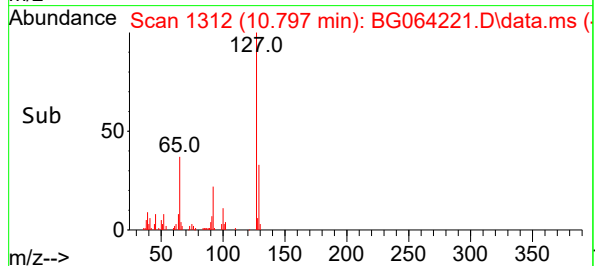


Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.0	37.4
65	36.3	28.7	43.1
92	21.9	16.5	24.7

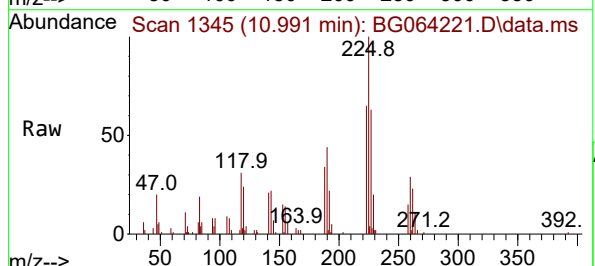
Manual Integrations

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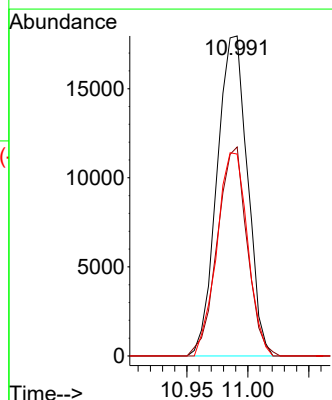
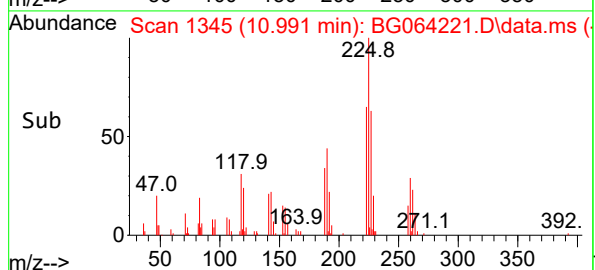
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

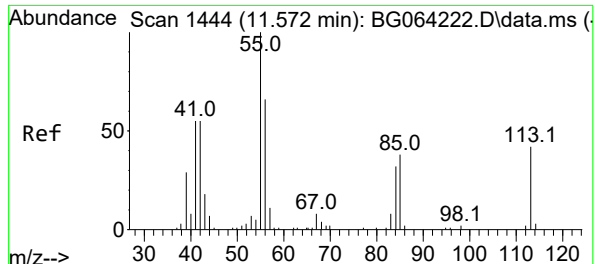


#34
Hexachlorobutadiene
Concen: 20.163 ng
RT: 10.991 min Scan# 1345
Delta R.T. 0.001 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53



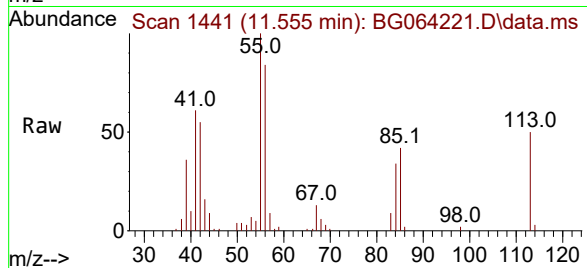
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	46.5	69.7
227	63.2	44.1	66.1





#35
Caprolactam
Concen: 22.239 ng
RT: 11.555 min Scan# 1441
Delta R.T. -0.047 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

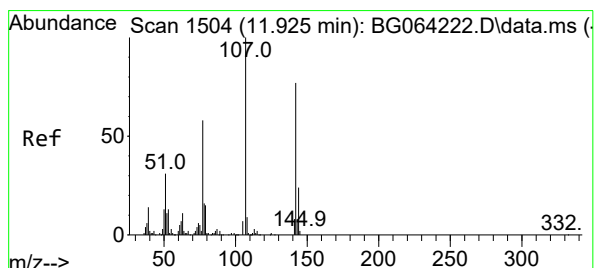
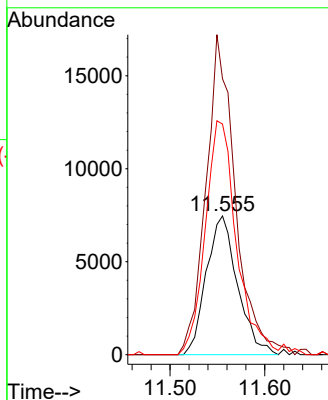
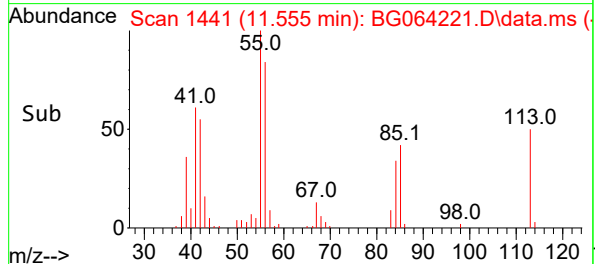
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:113 Resp: 1707
Ion Ratio Lower Upper
113 100
55 198.9 218.5 258.5
56 166.3 138.5 178.5

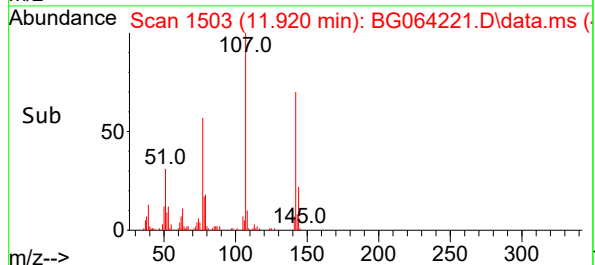
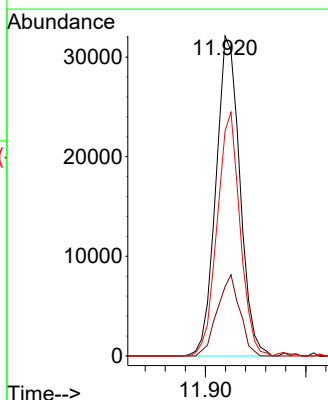
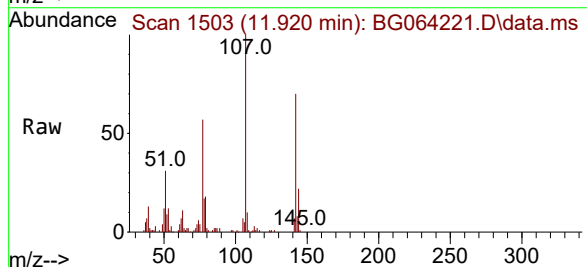
Manual Integrations
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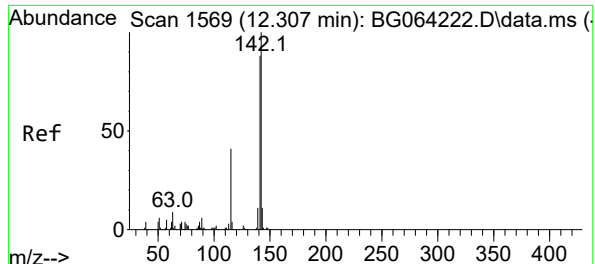
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#36
4-Chloro-3-methylphenol
Concen: 20.657 ng
RT: 11.920 min Scan# 1503
Delta R.T. -0.011 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

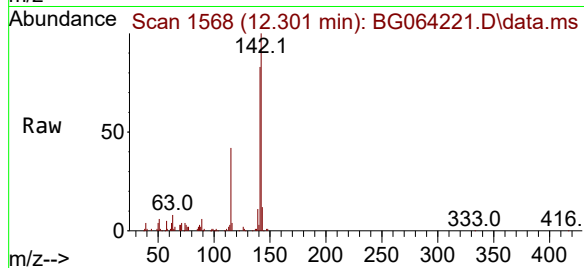
Tgt Ion:107 Resp: 53139
Ion Ratio Lower Upper
107 100
144 21.7 19.5 29.3
142 70.4 62.0 93.0





#37
2-Methylnaphthalene
Concen: 21.550 ng
RT: 12.301 min Scan# 1568
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

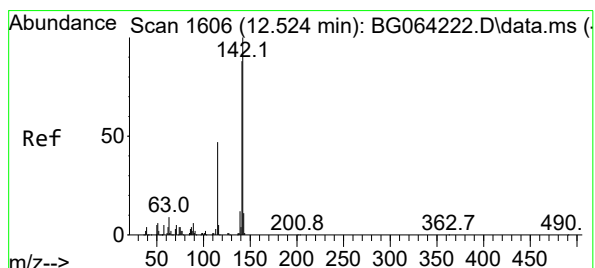
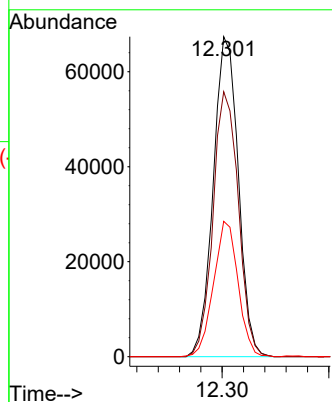
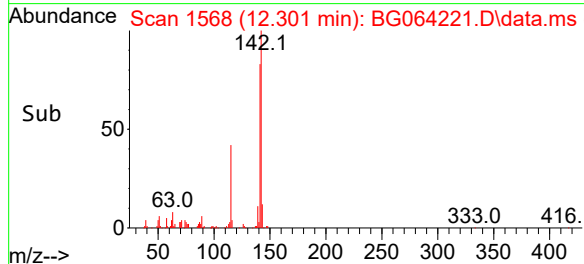
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:142 Resp: 10982
Ion Ratio Lower Upper
142 100
141 82.8 70.1 105.1
115 42.3 33.1 49.7

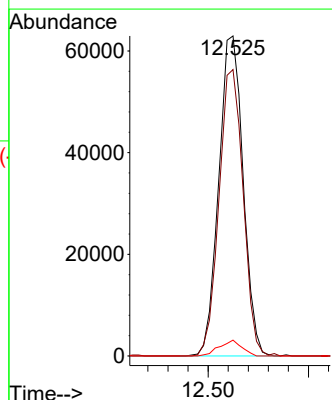
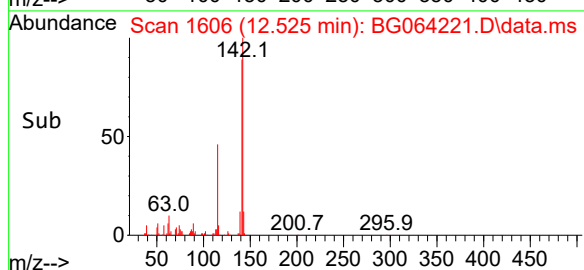
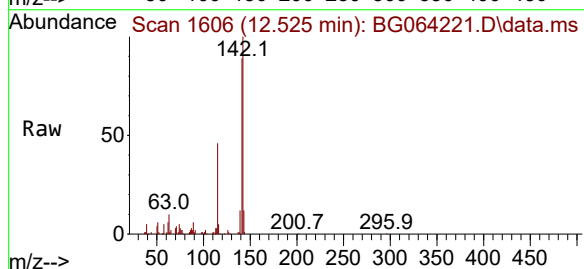
Manual Integrations
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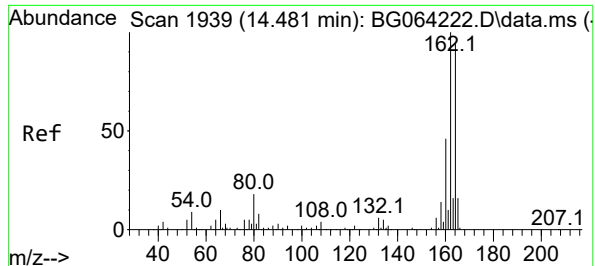
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#38
1-Methylnaphthalene
Concen: 21.031 ng
RT: 12.525 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:142 Resp: 105864
Ion Ratio Lower Upper
142 100
141 89.5 70.3 105.5
116 4.9 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.481 min Scan# 1939

Delta R.T. 0.000 min

Lab File: BG064221.D

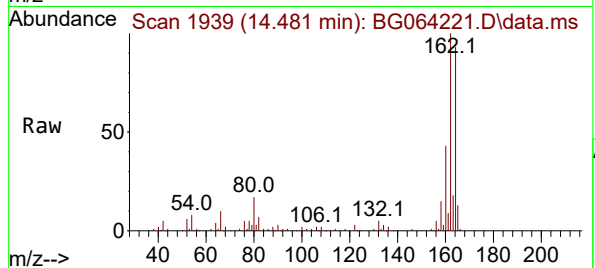
Acq: 28 Aug 2025 12:53

Instrument :

BNA_G

ClientSampleId :

SSTDICC020



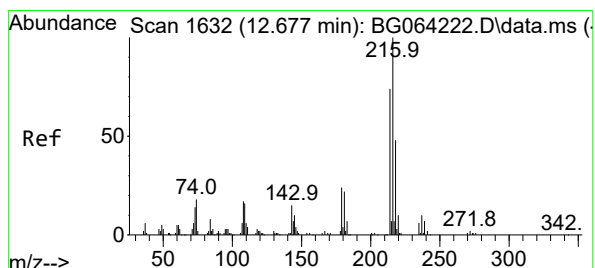
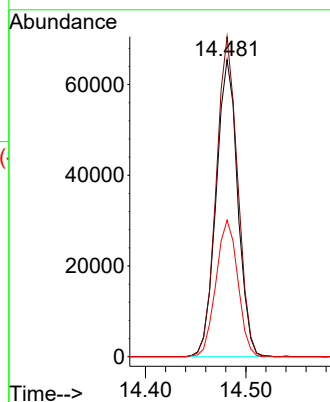
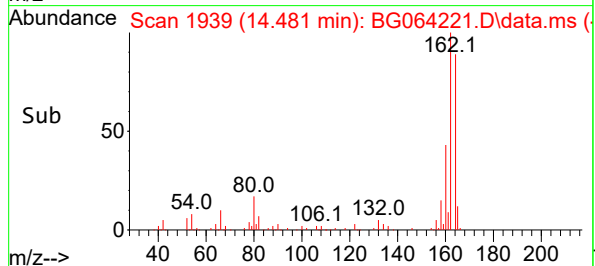
Tgt Ion:	164	Resp:	97594
Ion	Ratio	Lower	Upper
164	100		
162	107.8	85.4	128.0
160	46.0	39.2	58.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#40

1,2,4,5-Tetrachlorobenzene

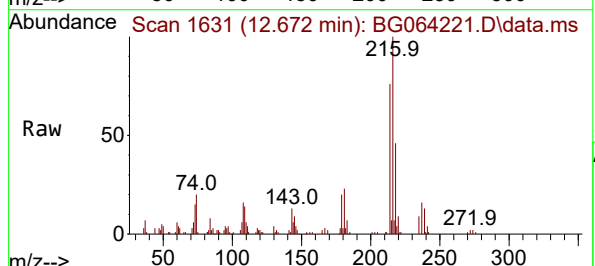
Concen: 20.687 ng

RT: 12.672 min Scan# 1631

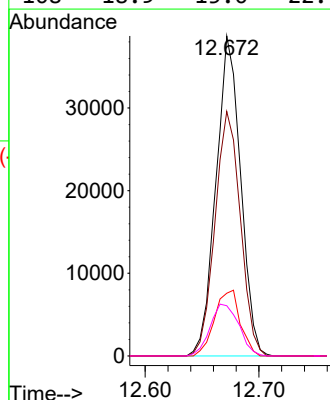
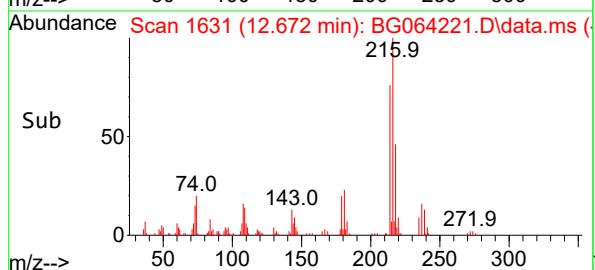
Delta R.T. -0.005 min

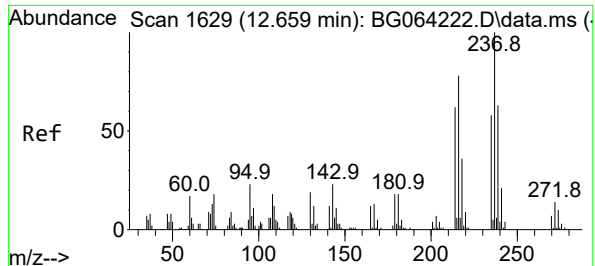
Lab File: BG064221.D

Acq: 28 Aug 2025 12:53



Tgt Ion:	216	Resp:	58253
Ion	Ratio	Lower	Upper
216	100		
214	78.5	61.9	92.9
179	21.4	17.9	26.9
108	18.9	15.0	22.4





#41

Hexachlorocyclopentadiene

Concen: 18.680 ng

RT: 12.660 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

Instrument :

BNA_G

ClientSampleId :

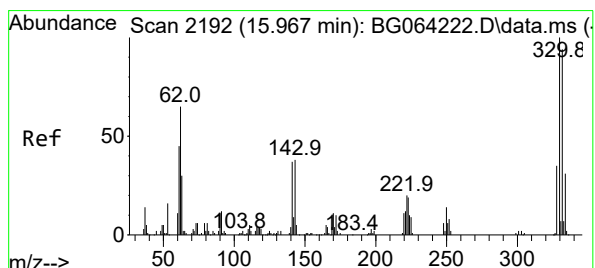
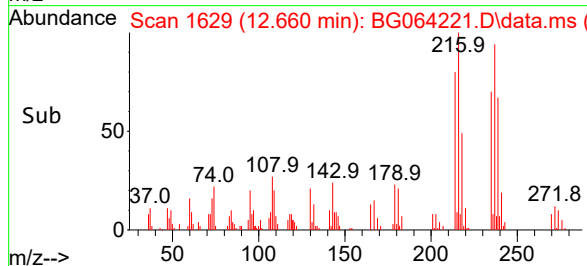
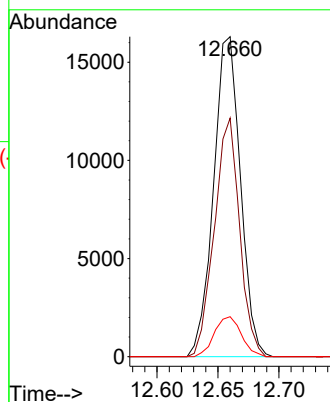
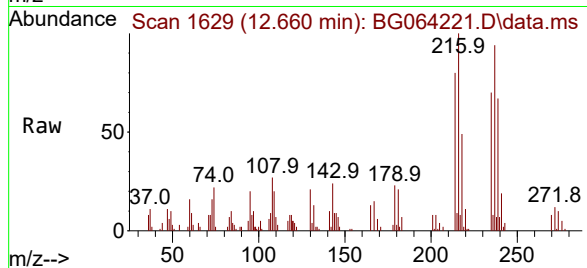
SSTDICC020

Tgt Ion:237 Resp: 24999
Ion Ratio Lower Upper
237 100
235 74.5 37.9 77.9
272 12.5 0.0 33.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#42

2,4,6-Tribromophenol

Concen: 40.942 ng

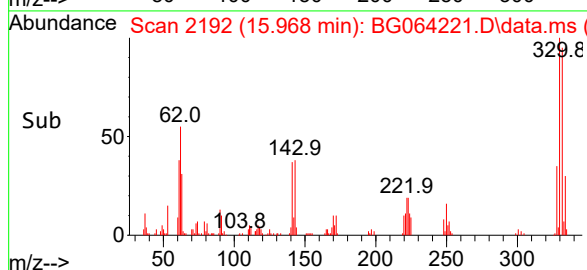
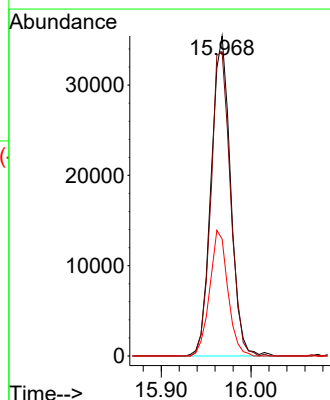
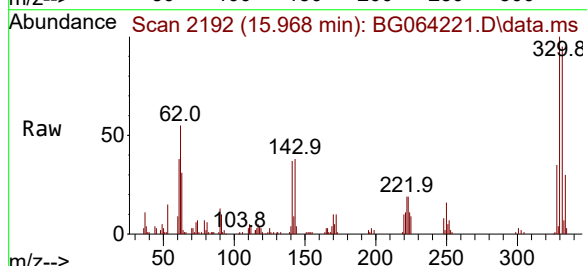
RT: 15.968 min Scan# 2192

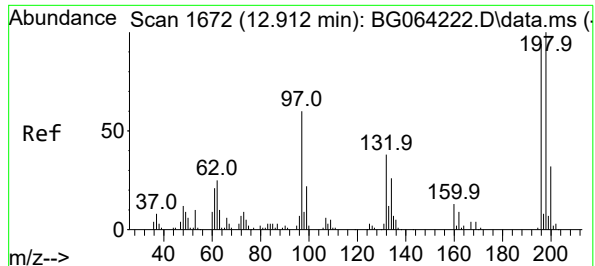
Delta R.T. -0.005 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

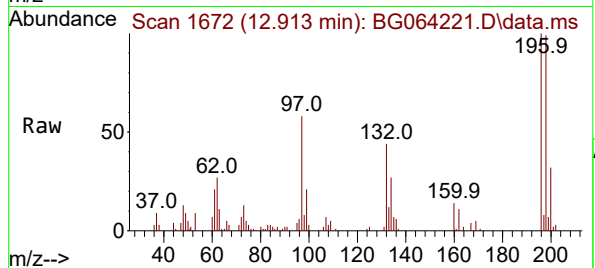
Tgt Ion:330 Resp: 52925
Ion Ratio Lower Upper
330 100
332 95.9 77.6 116.4
141 36.9 29.8 44.6





#43
2,4,6-Trichlorophenol
Concen: 20.765 ng
RT: 12.913 min Scan# 1672
Delta R.T. 0.001 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

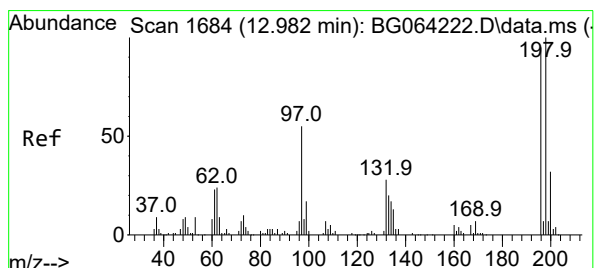
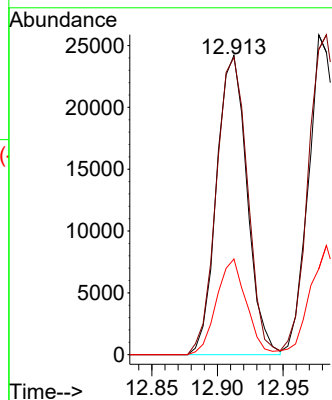
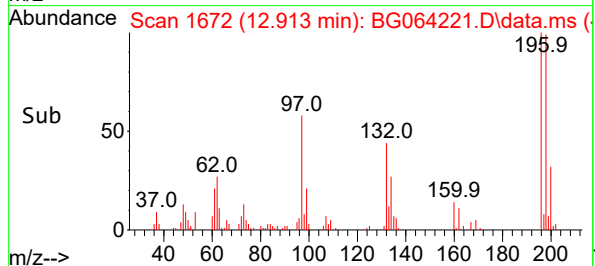
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:196 Resp: 3908
Ion Ratio Lower Upper
196 100
198 99.3 85.4 128.2
200 31.9 27.3 40.9

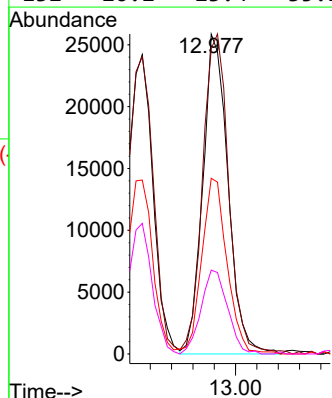
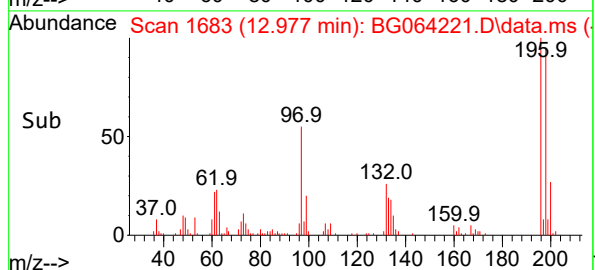
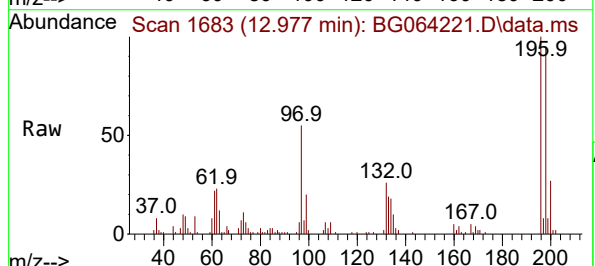
Manual Integrations
APPROVED

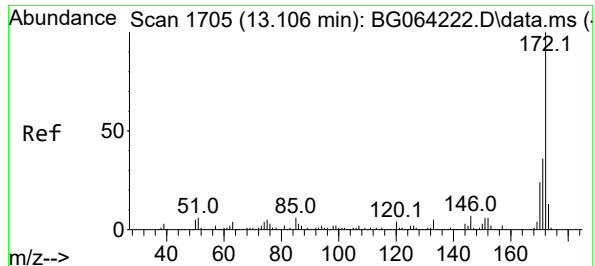
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#44
2,4,5-Trichlorophenol
Concen: 20.878 ng
RT: 12.977 min Scan# 1683
Delta R.T. -0.011 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:196 Resp: 42626
Ion Ratio Lower Upper
196 100
198 95.4 84.5 126.7
97 54.9 46.8 70.2
132 26.2 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 41.465 ng

RT: 13.106 min Scan# 1705

Delta R.T. -0.005 min

Lab File: BG064221.D

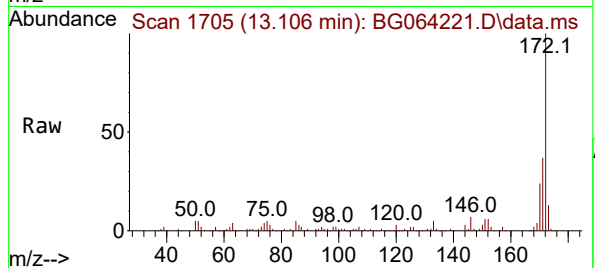
Acq: 28 Aug 2025 12:53

Instrument :

BNA_G

ClientSampleId :

SSTDICC020



Tgt Ion:172 Resp: 26512

Ion Ratio Lower Upper

172 100

171 36.5 28.7 43.1

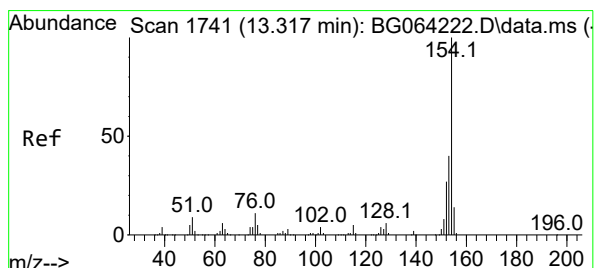
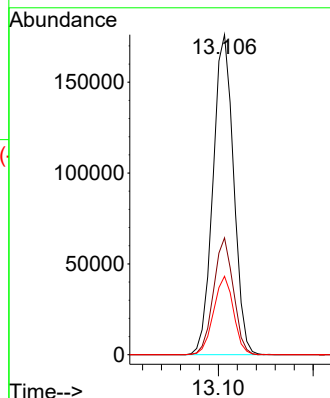
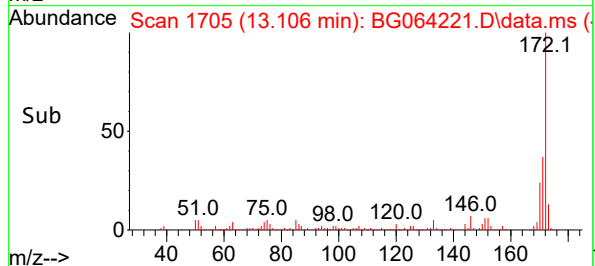
170 24.5 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#46

1,1'-Biphenyl

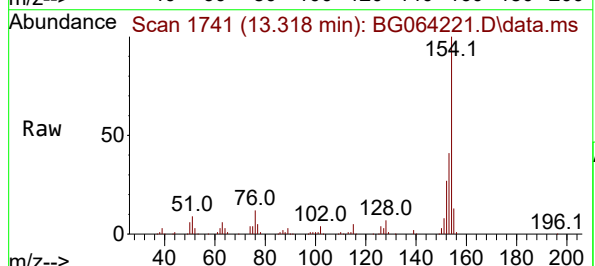
Concen: 20.425 ng

RT: 13.318 min Scan# 1741

Delta R.T. 0.000 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53



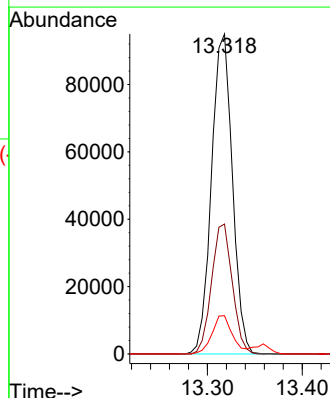
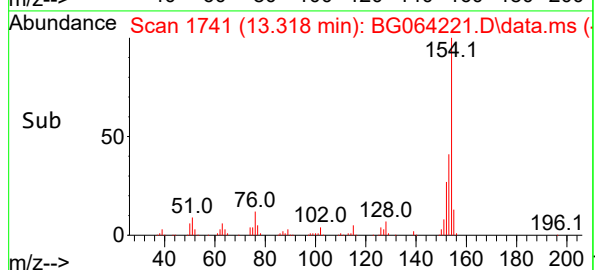
Tgt Ion:154 Resp: 145186

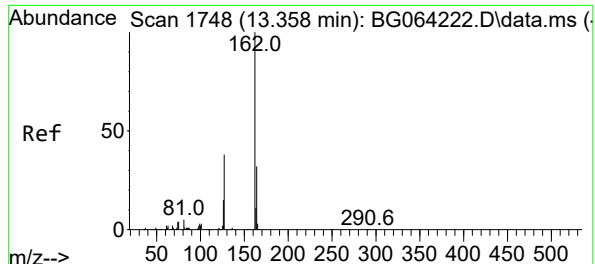
Ion Ratio Lower Upper

154 100

153 40.6 19.9 59.9

76 11.9 0.0 30.9





#47

2-Chloronaphthalene

Concen: 20.333 ng

RT: 13.353 min Scan# 1747

Delta R.T. -0.005 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:162 Resp: 10865

Ion Ratio Lower Upper

162 100

127 45.0 33.9 50.9

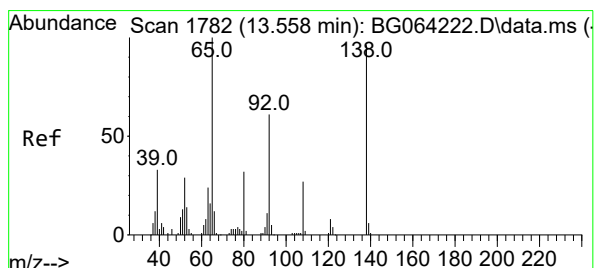
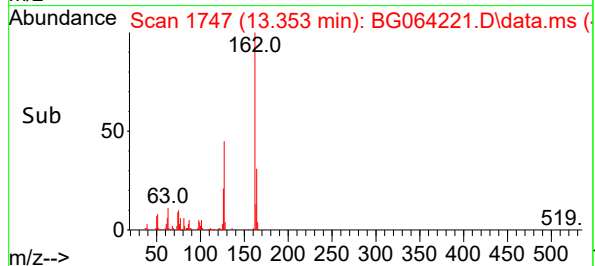
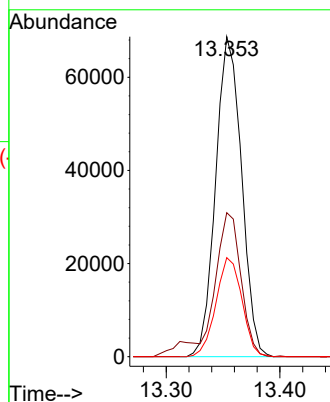
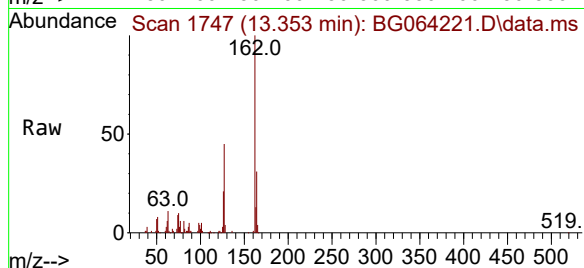
164 31.0 25.4 38.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#48

2-Nitroaniline

Concen: 19.927 ng

RT: 13.553 min Scan# 1781

Delta R.T. -0.011 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

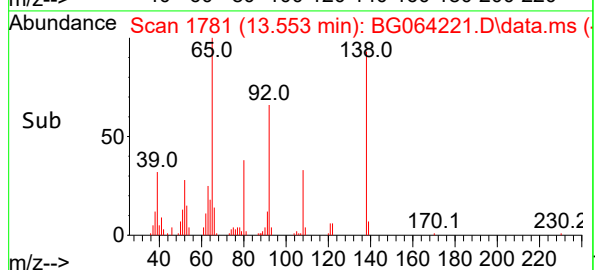
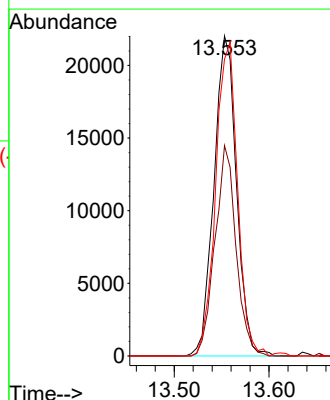
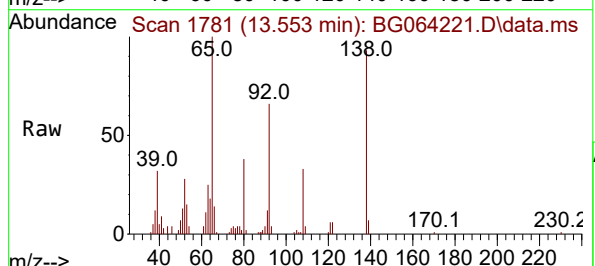
Tgt Ion: 65 Resp: 36296

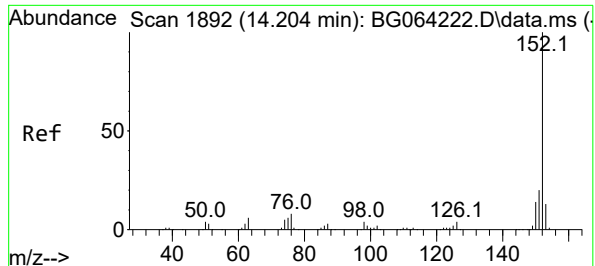
Ion Ratio Lower Upper

65 100

92 65.7 49.2 73.8

138 92.8 76.8 115.2





#49

Acenaphthylene

Concen: 20.693 ng

RT: 14.199 min Scan# 1891

Delta R.T. -0.005 min

Lab File: BG064221.D

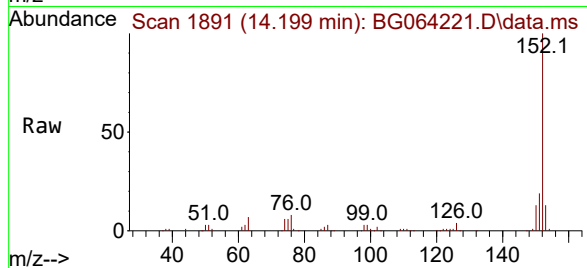
Acq: 28 Aug 2025 12:53

Instrument :

BNA_G

ClientSampleId :

SSTDICC020



Tgt Ion:152 Resp: 16346

Ion Ratio Lower Upper

152 100

151 19.1 16.2 24.2

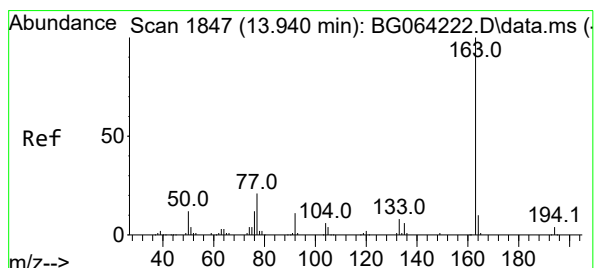
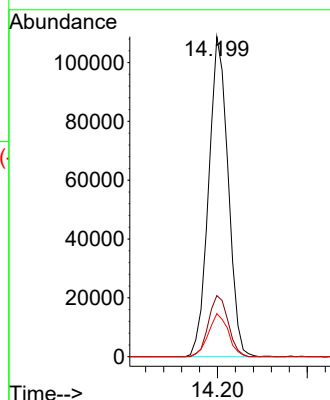
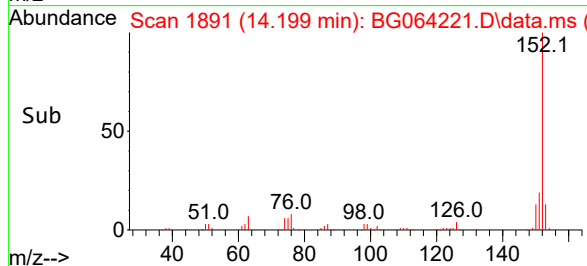
153 13.5 10.1 15.1

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#50

Dimethylphthalate

Concen: 20.731 ng

RT: 13.935 min Scan# 1846

Delta R.T. -0.011 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

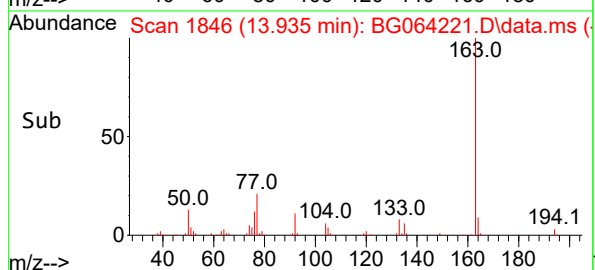
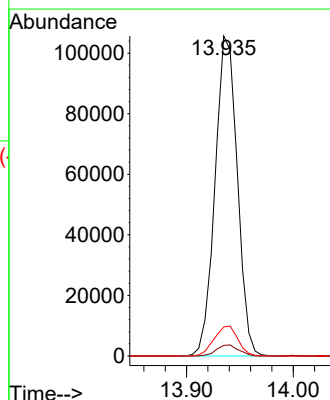
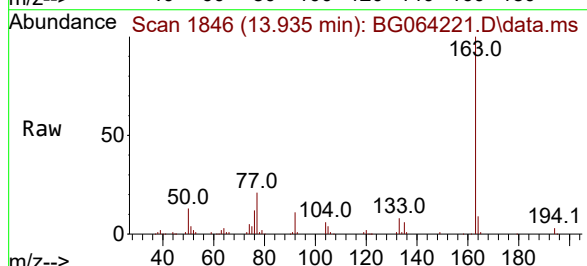
Tgt Ion:163 Resp: 153139

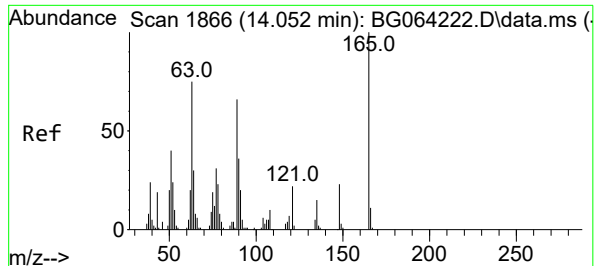
Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.4

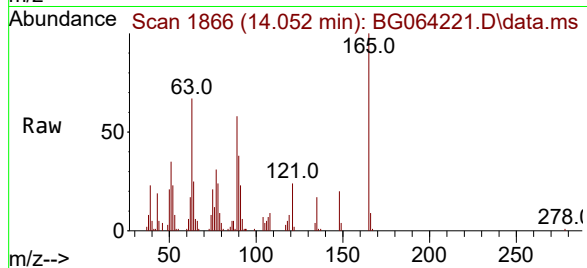
164 9.0 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 20.547 ng
RT: 14.052 min Scan# 1866
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

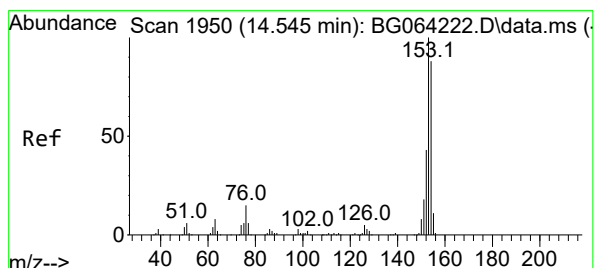
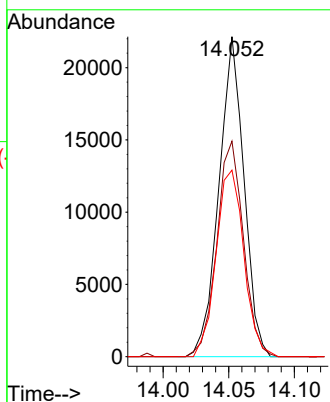
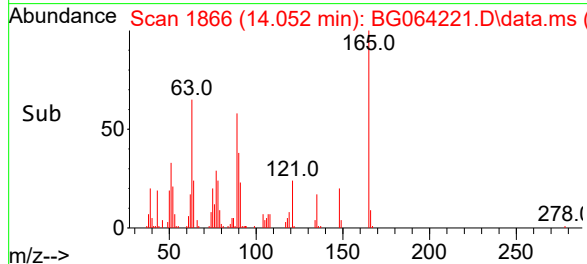
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:165 Resp: 29384
Ion Ratio Lower Upper
165 100
63 67.4 60.3 90.5
89 58.3 52.9 79.3

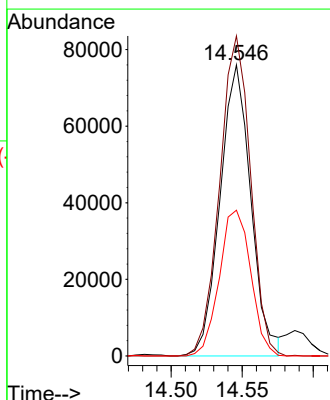
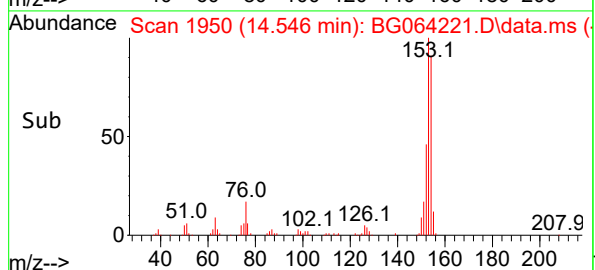
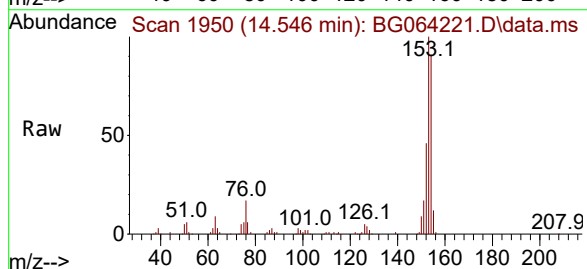
Manual Integrations
APPROVED

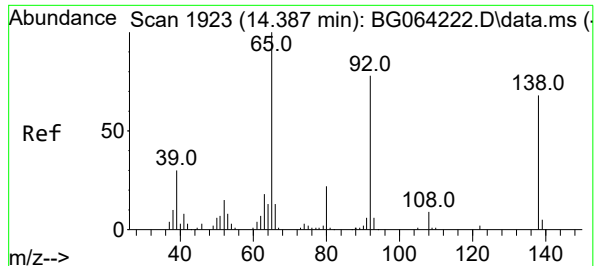
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#52
Acenaphthene
Concen: 20.562 ng
RT: 14.546 min Scan# 1950
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

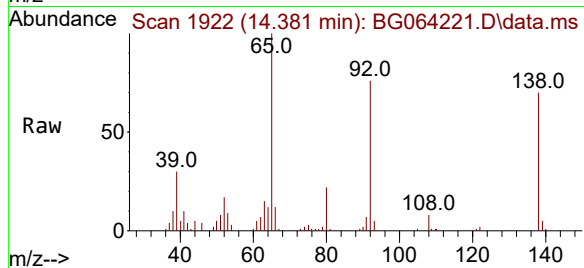
Tgt Ion:154 Resp: 114630
Ion Ratio Lower Upper
154 100
153 109.9 91.1 136.7
152 50.1 39.6 59.4





#53
3-Nitroaniline
Concen: 20.559 ng
RT: 14.381 min Scan# 1922
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

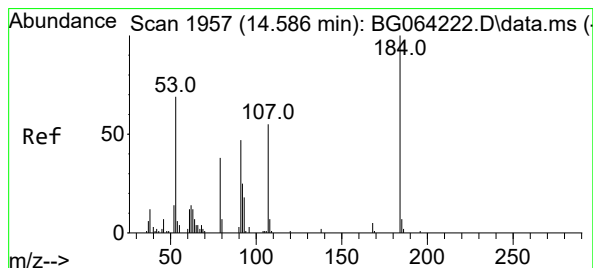
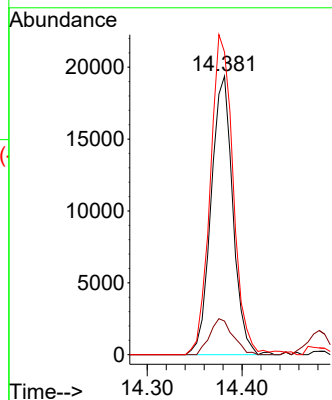
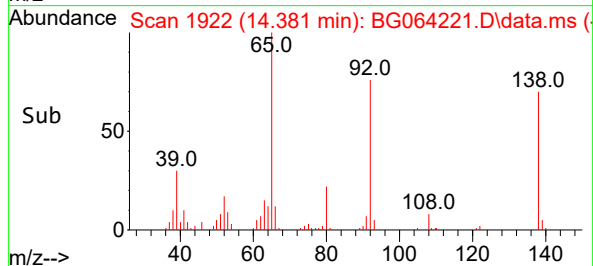
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:138 Resp: 30798
Ion Ratio Lower Upper
138 100
108 13.6 11.0 16.6
92 108.7 91.4 137.0

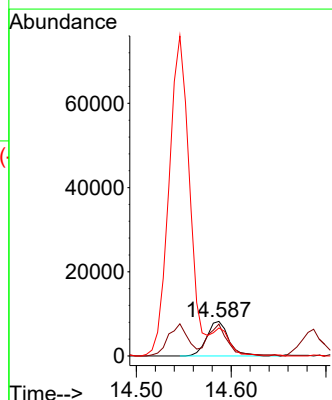
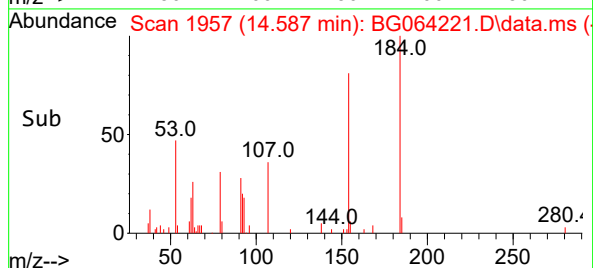
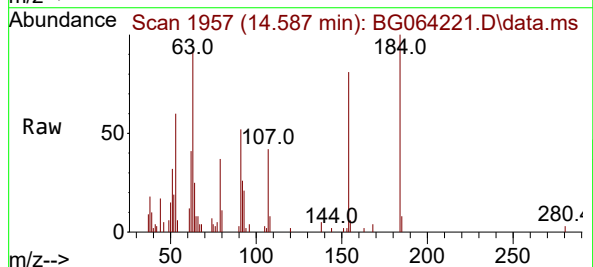
Manual Integrations
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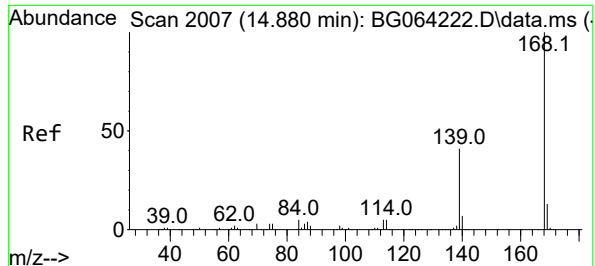
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#54
2,4-Dinitrophenol
Concen: 18.989 ng
RT: 14.587 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

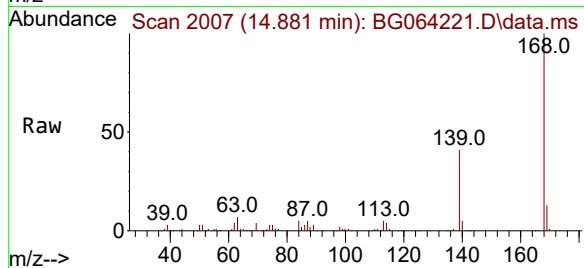
Tgt Ion:184 Resp: 13409
Ion Ratio Lower Upper
184 100
63 92.4 60.1 90.1#
154 81.0 59.8 89.8





#55
Dibenzenofuran
Concen: 20.478 ng
RT: 14.881 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

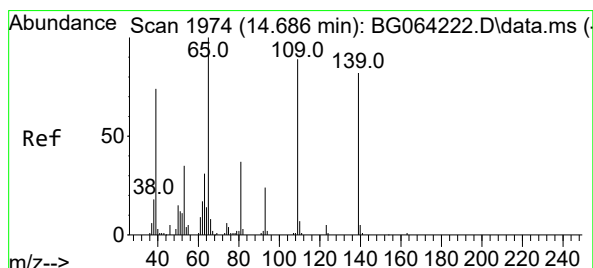
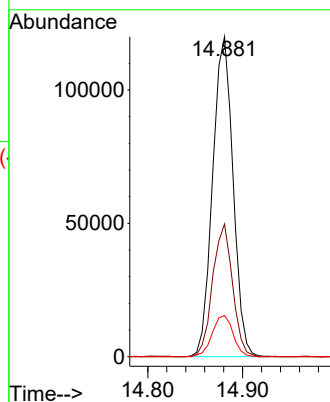
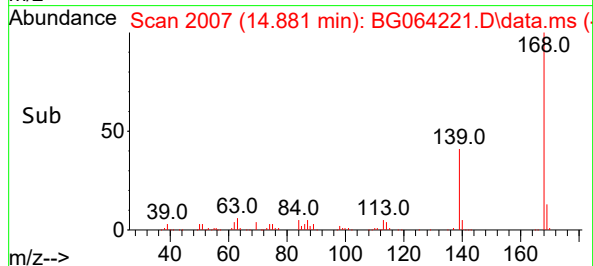
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:168 Resp: 17956
Ion Ratio Lower Upper
168 100
139 41.5 33.2 49.8
169 12.8 10.4 15.6

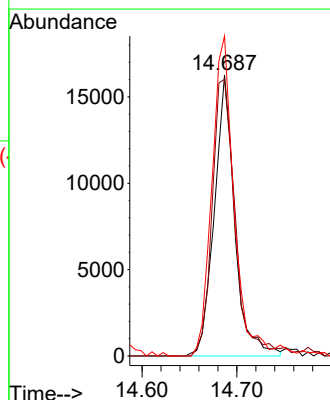
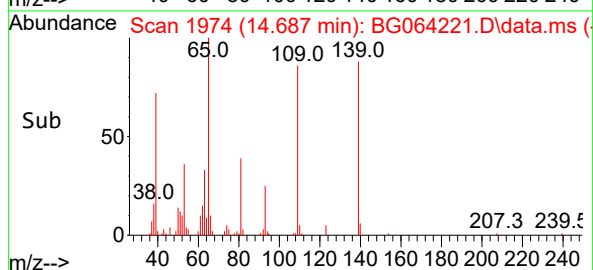
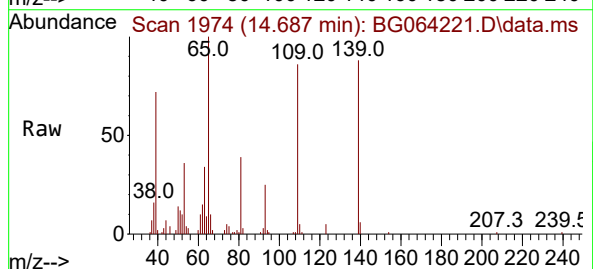
Manual Integrations
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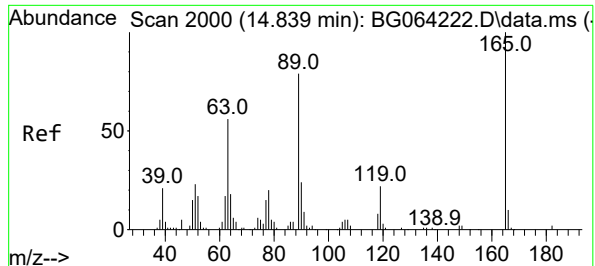
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#56
4-Nitrophenol
Concen: 19.853 ng
RT: 14.687 min Scan# 1974
Delta R.T. -0.011 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:139 Resp: 24395
Ion Ratio Lower Upper
139 100
109 98.5 89.1 129.1
65 113.9 102.9 142.9





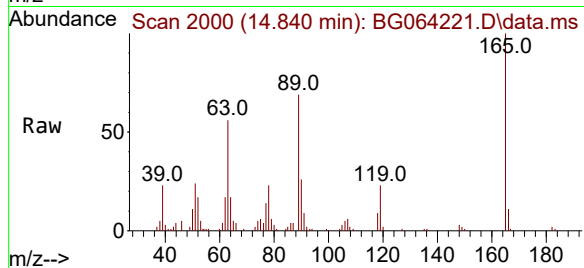
#57
2,4-Dinitrotoluene
Concen: 20.850 ng
RT: 14.840 min Scan# 2000
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

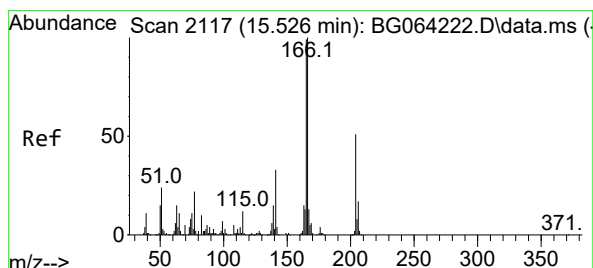
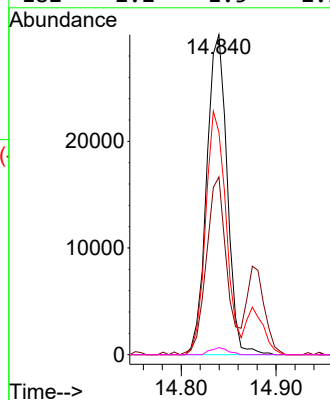
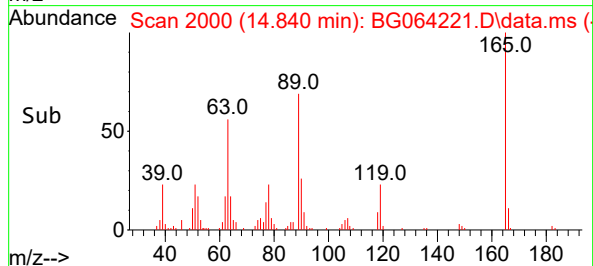


Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.6	44.6	67.0
89	69.5	63.0	94.4
182	2.2	1.5	2.3

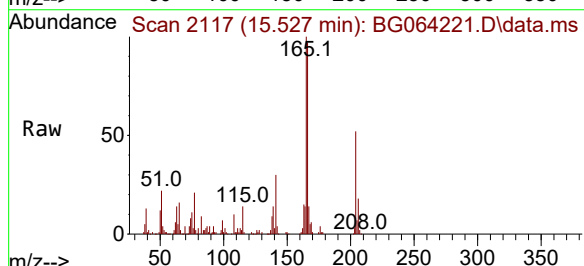
Manual Integrations

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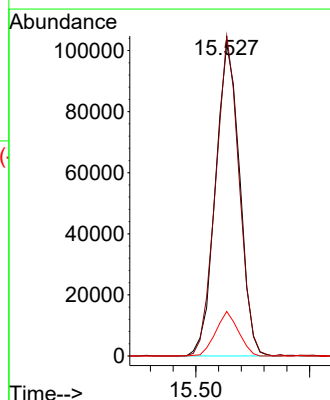
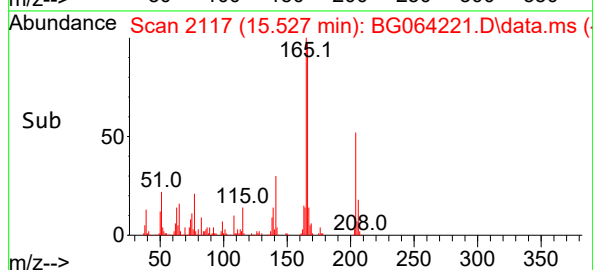
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

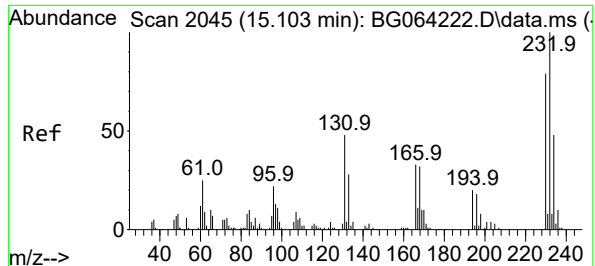


#58
Fluorene
Concen: 21.037 ng
RT: 15.527 min Scan# 2117
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53



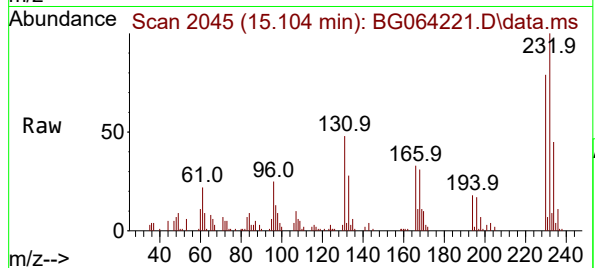
Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.6	79.1	118.7
167	14.3	10.2	15.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 20.831 ng
RT: 15.104 min Scan# 2045
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

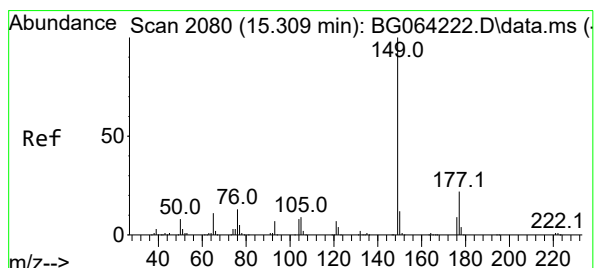
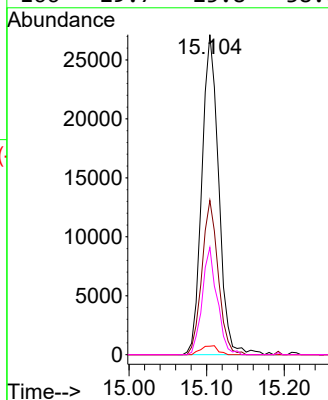
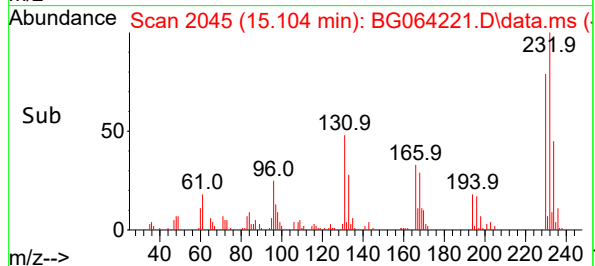
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



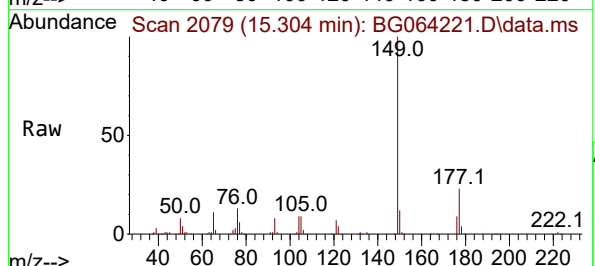
Tgt Ion:232 Resp: 4090
Ion Ratio Lower Upper
232 100
131 46.6 37.1 55.7
130 2.8 2.6 3.8
166 29.7 25.8 38.6

Manual Integrations
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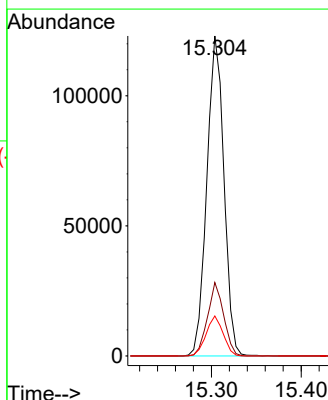
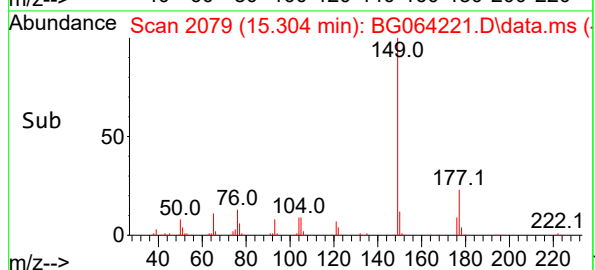
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

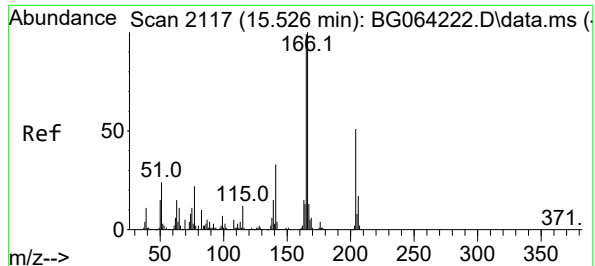


#60
Diethylphthalate
Concen: 20.550 ng
RT: 15.304 min Scan# 2079
Delta R.T. -0.011 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53



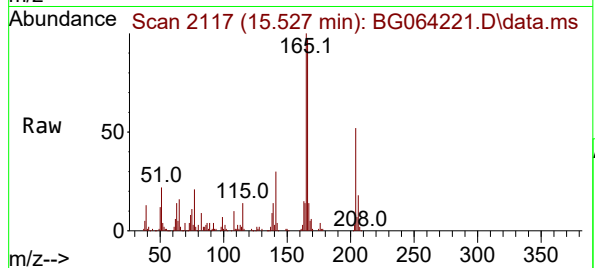
Tgt Ion:149 Resp: 162465
Ion Ratio Lower Upper
149 100
177 22.9 17.5 26.3
150 12.5 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 20.660 ng
RT: 15.527 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

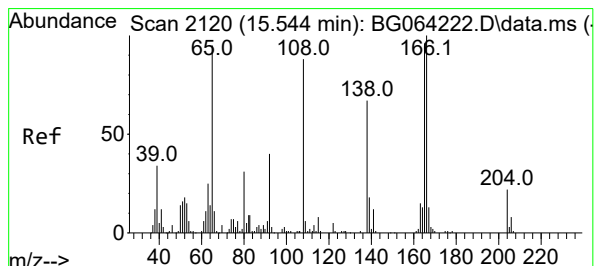
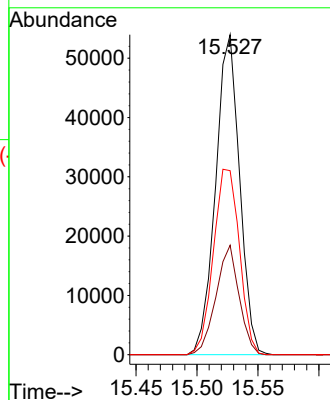
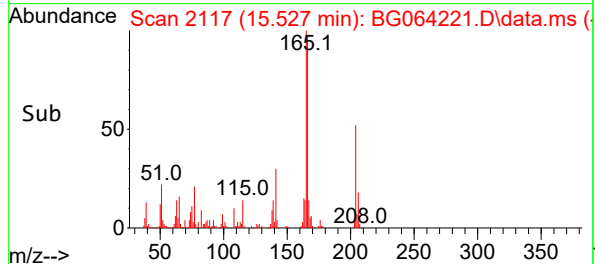
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:204 Resp: 7403
Ion Ratio Lower Upper
204 100
206 34.2 26.2 39.4
141 57.5 51.9 77.9

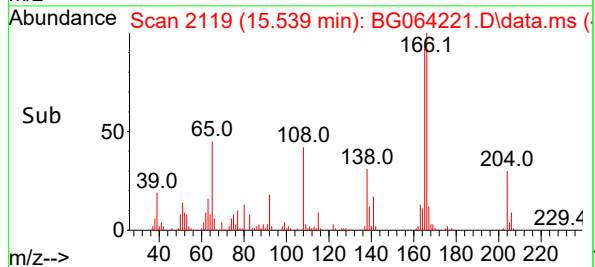
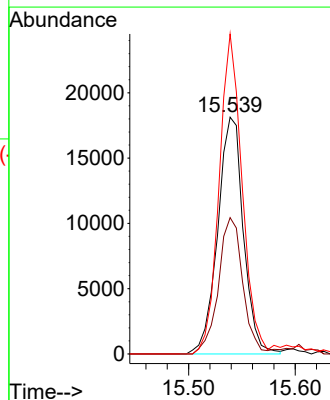
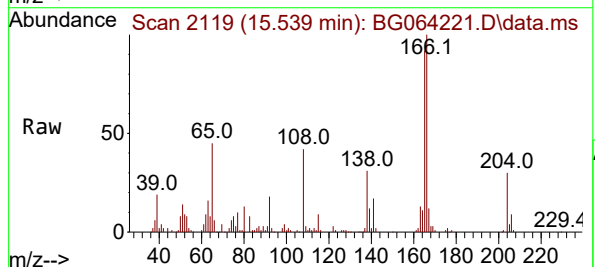
Manual Integrations
APPROVED

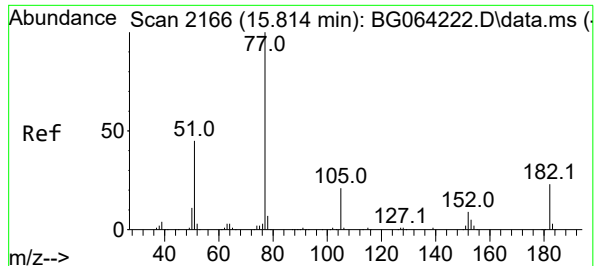
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#62
4-Nitroaniline
Concen: 19.833 ng
RT: 15.539 min Scan# 2119
Delta R.T. -0.017 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

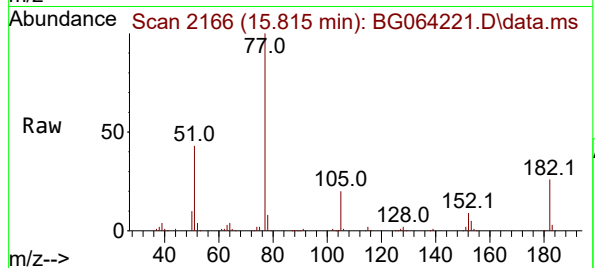
Tgt Ion:138 Resp: 30317
Ion Ratio Lower Upper
138 100
92 57.6 39.1 79.1
108 135.1 111.3 151.3





#63
Azobenzene
Concen: 20.922 ng
RT: 15.815 min Scan# 2166
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

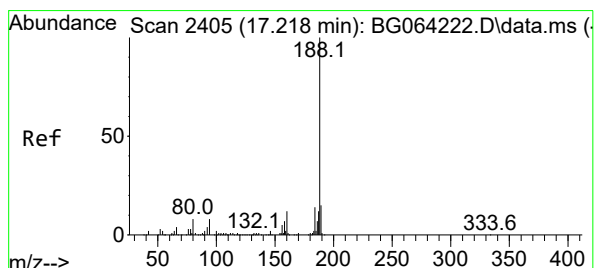
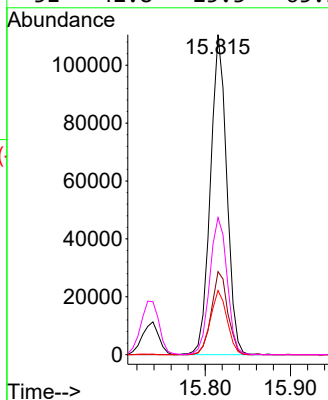
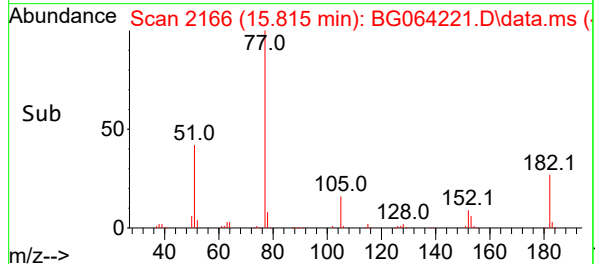
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion: 77 Resp: 147419
Ion Ratio Lower Upper
77 100
182 25.9 3.3 43.3
105 20.0 0.6 40.6
51 42.8 25.3 65.3

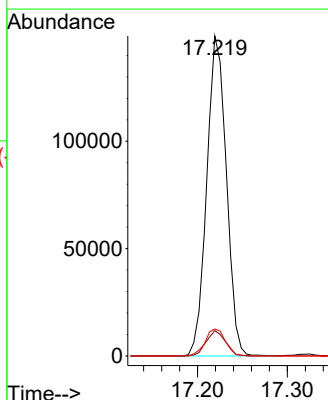
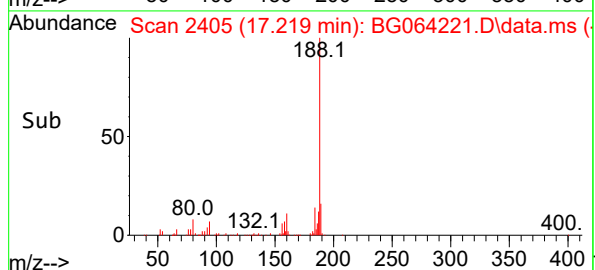
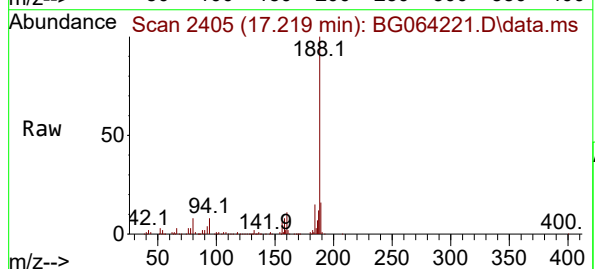
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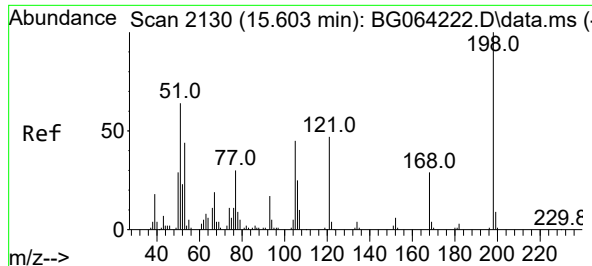
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.219 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

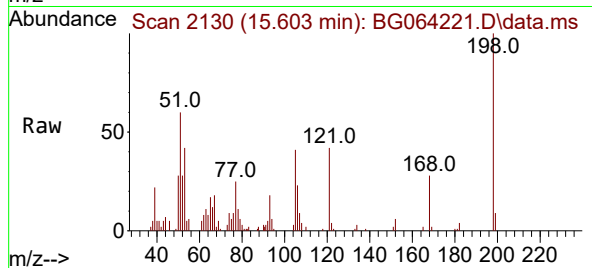
Tgt Ion:188 Resp: 226286
Ion Ratio Lower Upper
188 100
94 7.9 6.2 9.4
80 8.4 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 18.671 ng
RT: 15.603 min Scan# 2130
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

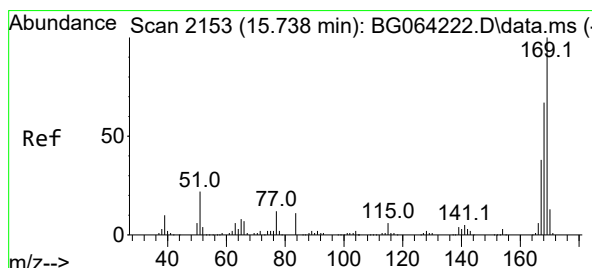
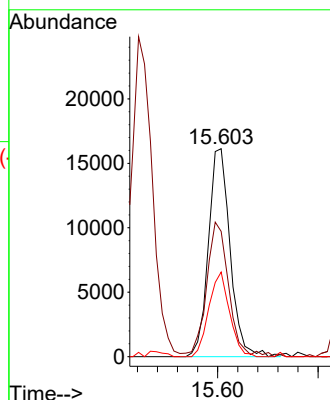
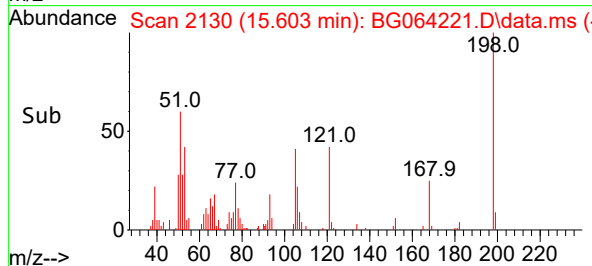
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:198 Resp: 2425
Ion Ratio Lower Upper
198 100
51 60.2 46.2 86.2
105 40.7 25.0 65.0

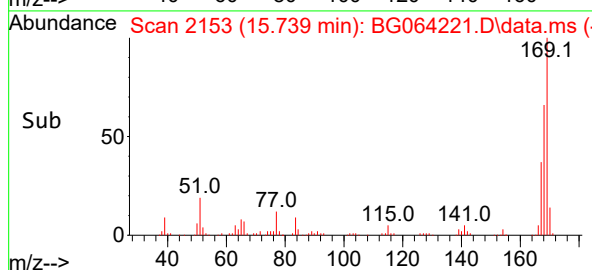
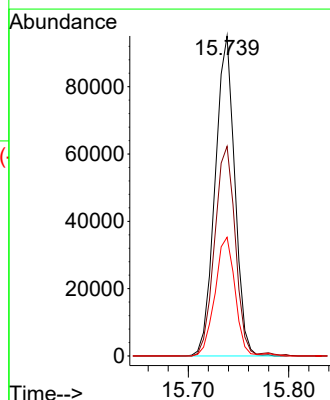
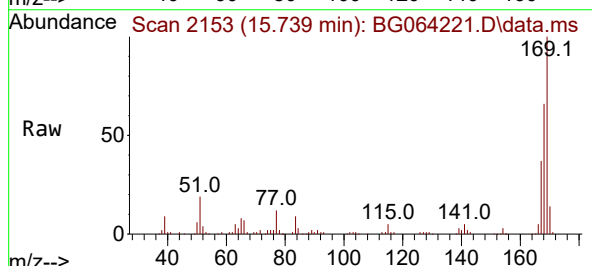
Manual Integrations
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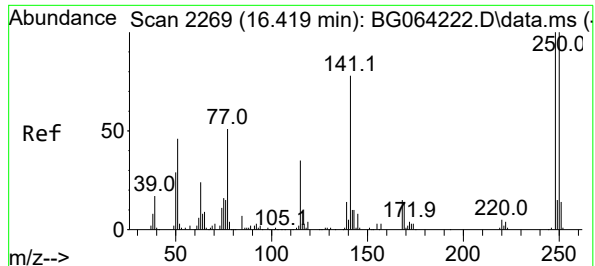
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#66
n-Nitrosodiphenylamine
Concen: 20.761 ng
RT: 15.739 min Scan# 2153
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

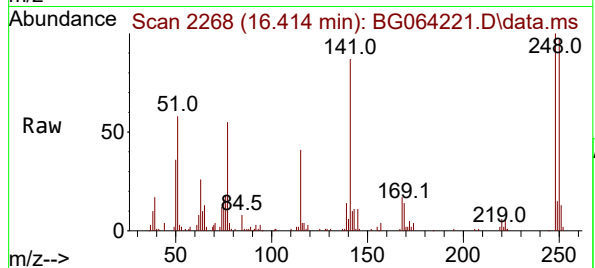
Tgt Ion:169 Resp: 129237
Ion Ratio Lower Upper
169 100
168 65.5 53.8 80.8
167 37.1 30.2 45.2





#67
4-Bromophenyl-phenylether
Concen: 20.499 ng
RT: 16.414 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

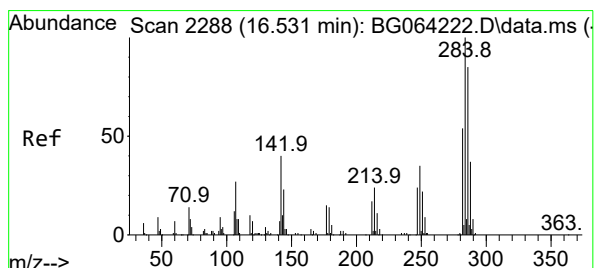
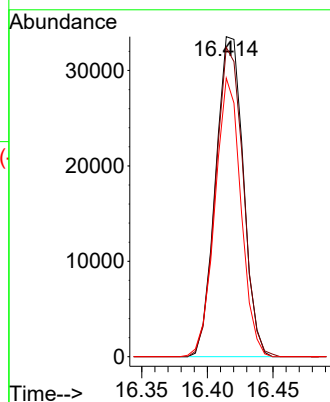
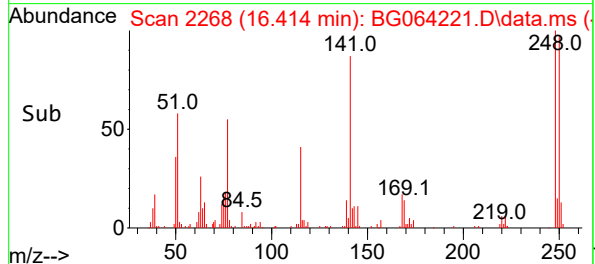
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:248 Resp: 49269
Ion Ratio Lower Upper
248 100
250 96.7 80.2 120.4
141 87.1 62.4 93.6

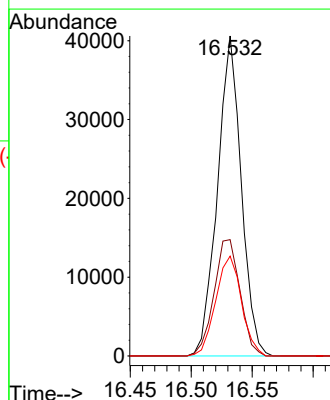
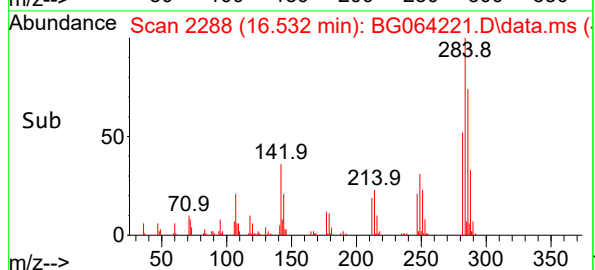
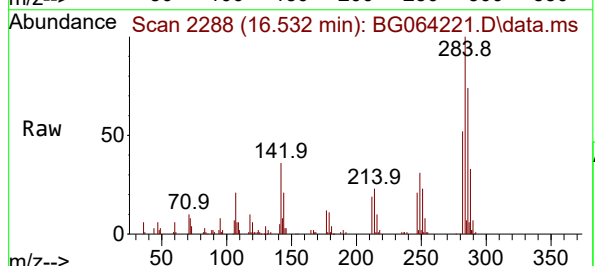
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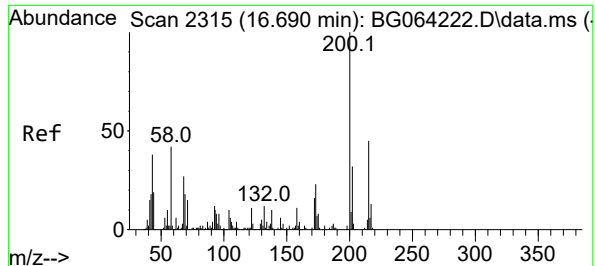
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#68
Hexachlorobenzene
Concen: 20.671 ng
RT: 16.532 min Scan# 2288
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

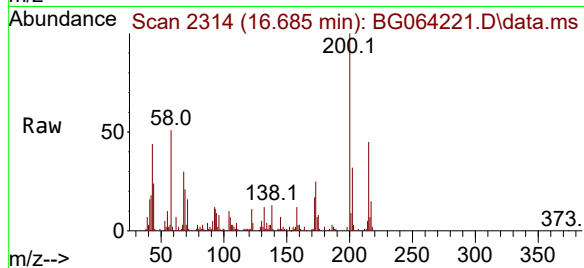
Tgt Ion:284 Resp: 55170
Ion Ratio Lower Upper
284 100
142 36.4 32.1 48.1
249 31.2 28.3 42.5





#69
Atrazine
Concen: 20.072 ng
RT: 16.685 min Scan# 2314
Delta R.T. -0.011 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

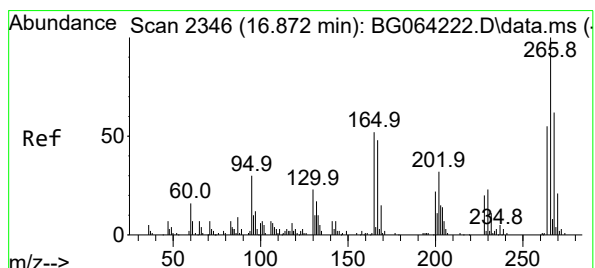
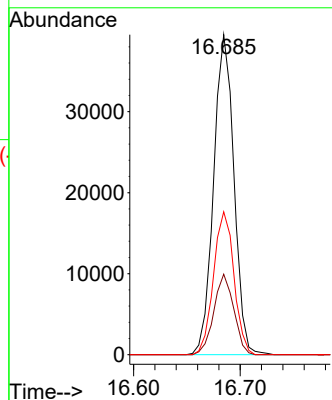
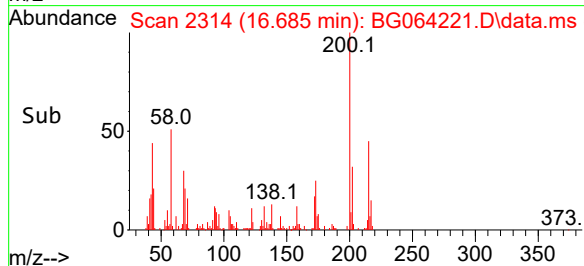
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:200 Resp: 52170
Ion Ratio Lower Upper
200 100
173 25.1 3.5 43.5
215 44.7 24.8 64.8

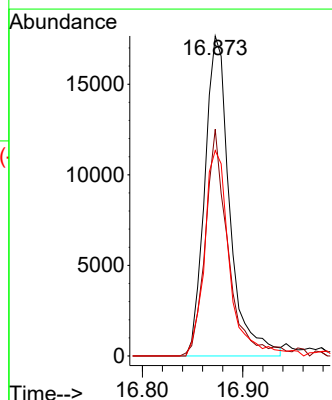
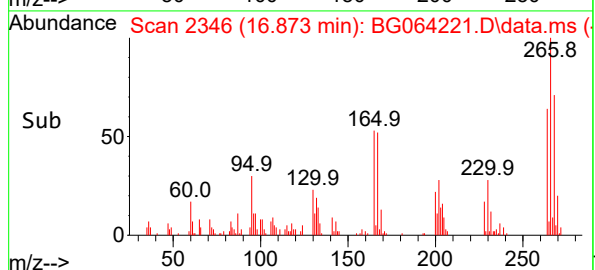
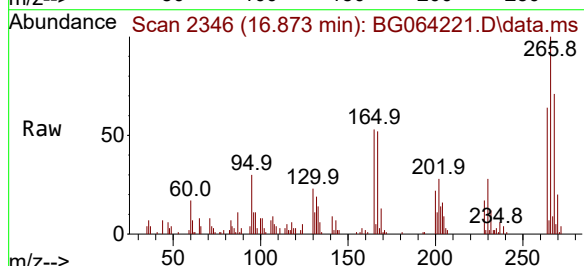
Manual Integrations
APPROVED

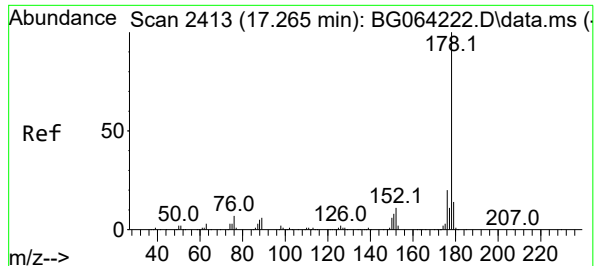
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#70
Pentachlorophenol
Concen: 18.830 ng
RT: 16.873 min Scan# 2346
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

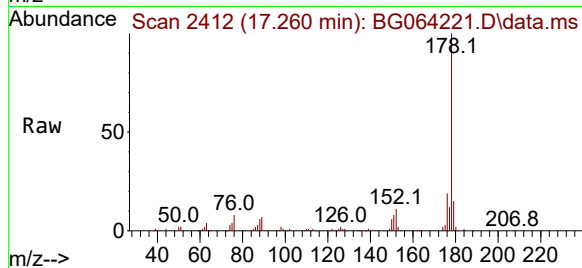
Tgt Ion:266 Resp: 30473
Ion Ratio Lower Upper
266 100
268 70.8 49.4 74.0
264 64.2 44.3 66.5





#71
Phenanthrene
Concen: 20.672 ng
RT: 17.260 min Scan# 2413
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

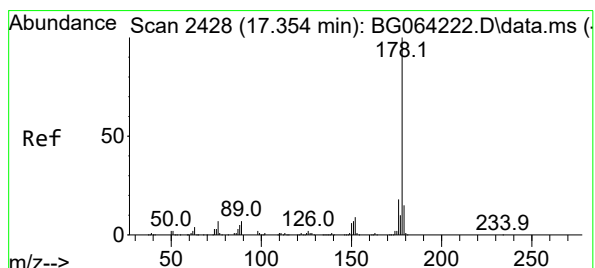
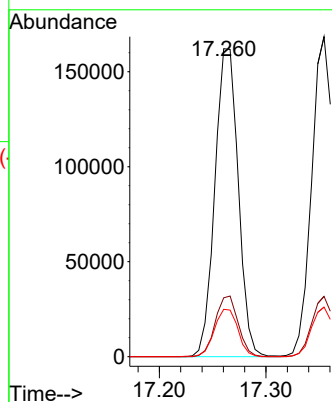
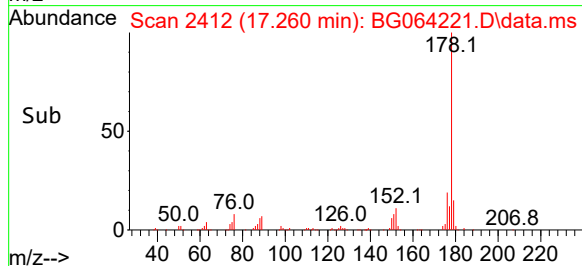
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:178 Resp: 246721
Ion Ratio Lower Upper
178 100
176 19.1 15.9 23.9
179 15.4 11.4 17.2

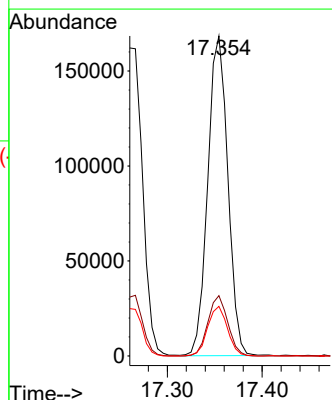
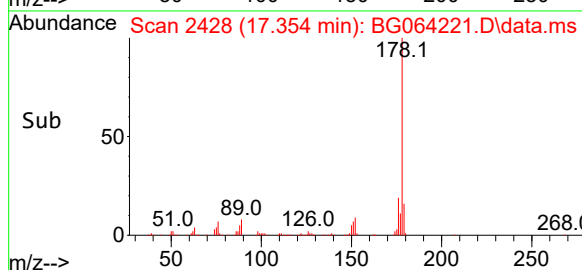
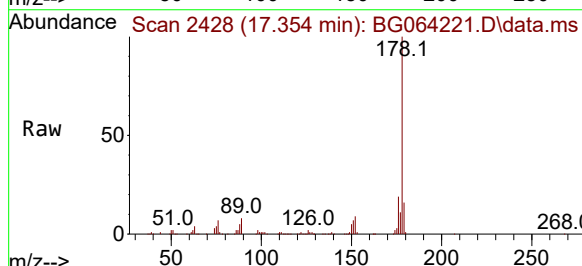
Manual Integrations
APPROVED

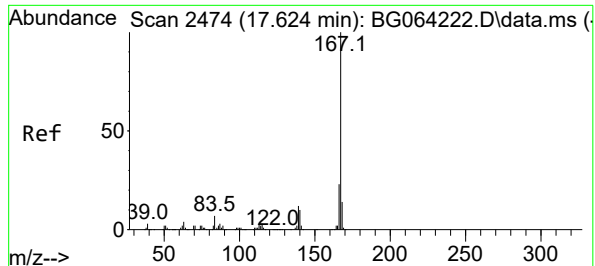
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#72
Anthracene
Concen: 20.352 ng
RT: 17.354 min Scan# 2428
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

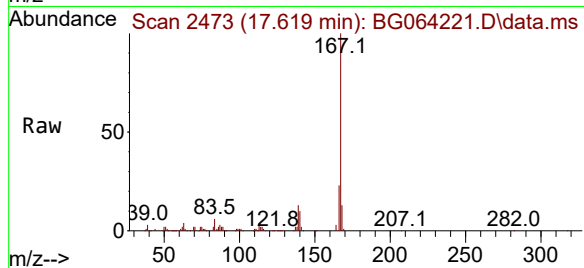
Tgt Ion:178 Resp: 247090
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 15.5 12.1 18.1





#73
Carbazole
Concen: 20.308 ng
RT: 17.619 min Scan# 2473
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

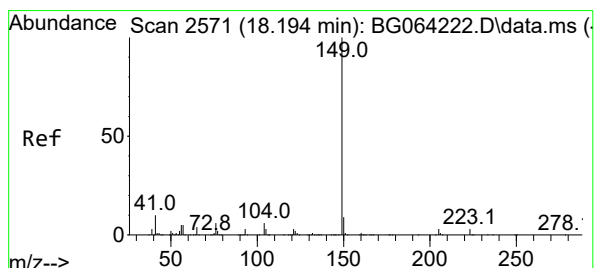
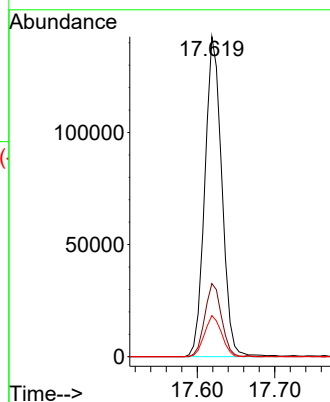
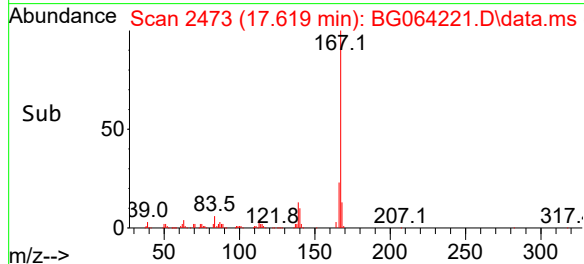
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:167 Resp: 217200
Ion Ratio Lower Upper
167 100
166 22.9 18.2 27.2
139 12.9 9.8 14.6

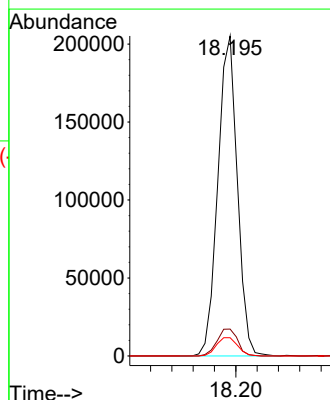
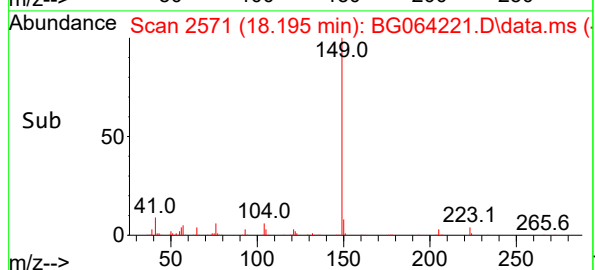
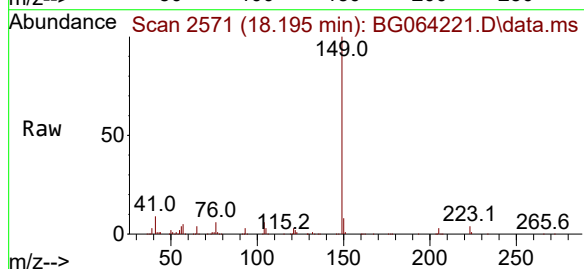
Manual Integrations
APPROVED

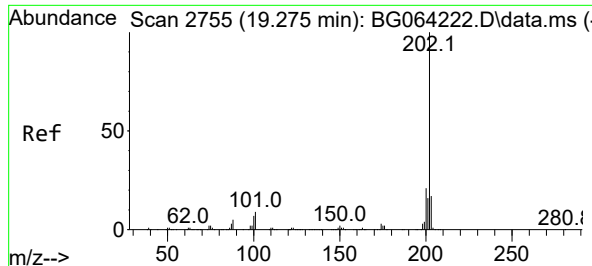
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#74
Di-n-butylphthalate
Concen: 20.187 ng
RT: 18.195 min Scan# 2571
Delta R.T. 0.001 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

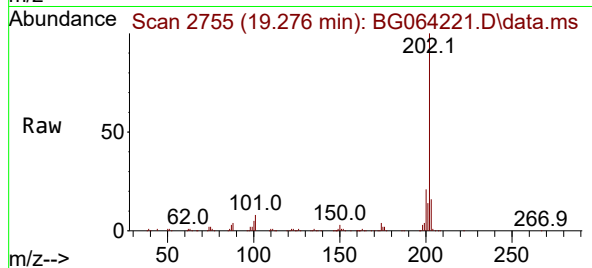
Tgt Ion:149 Resp: 259387
Ion Ratio Lower Upper
149 100
150 8.4 7.5 11.3
104 5.7 4.6 7.0





#75
Fluoranthene
Concen: 20.461 ng
RT: 19.276 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

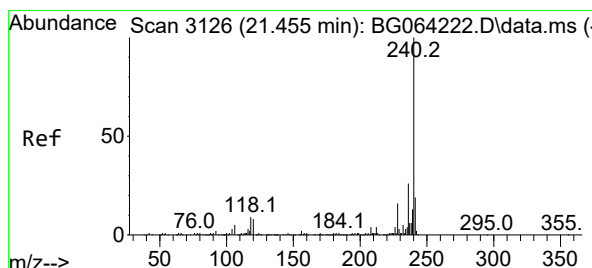
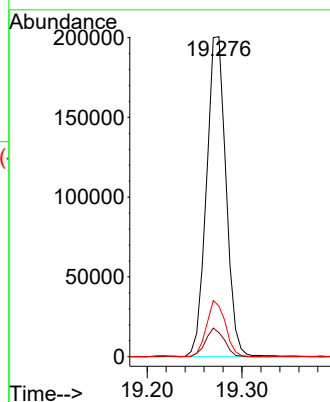
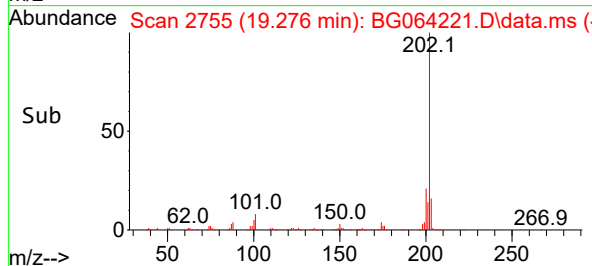
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:202 Resp: 28713
Ion Ratio Lower Upper
202 100
101 7.5 0.0 28.7
203 15.8 0.0 36.9

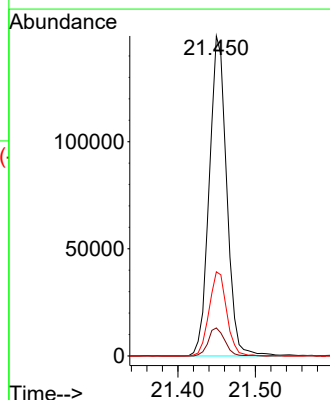
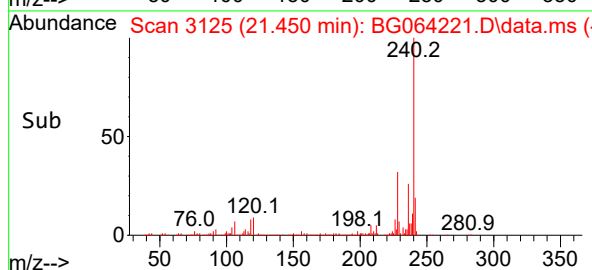
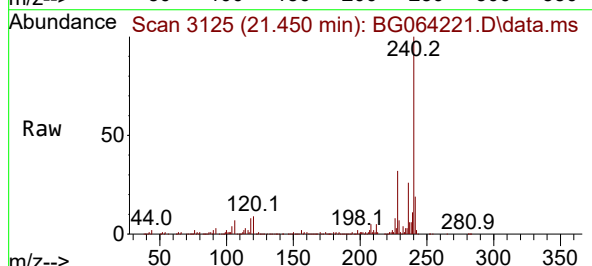
Manual Integrations
APPROVED

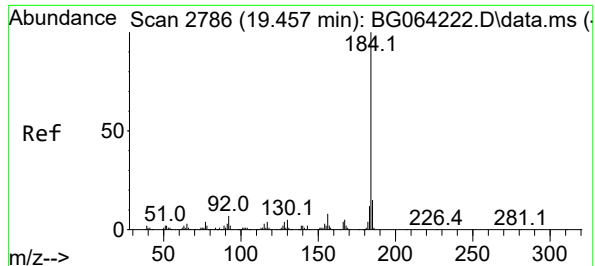
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3125
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

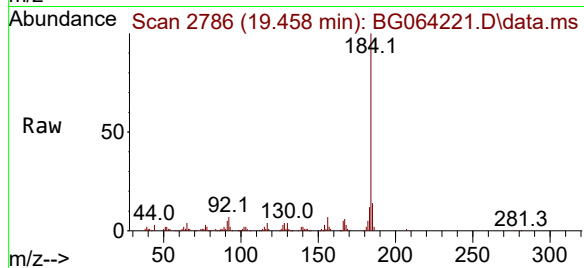
Tgt Ion:240 Resp: 233668
Ion Ratio Lower Upper
240 100
120 8.7 6.2 9.4
236 26.3 20.5 30.7





#77
Benzidine
Concen: 24.959 ng
RT: 19.458 min Scan# 2786
Delta R.T. 0.000 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

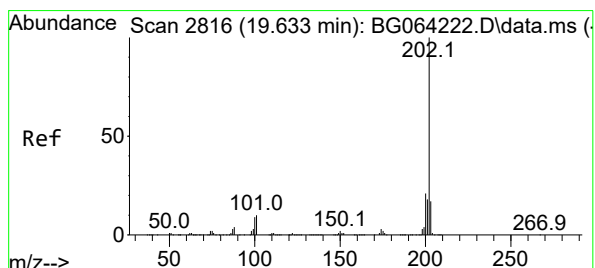
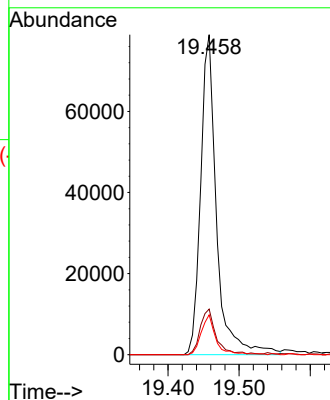
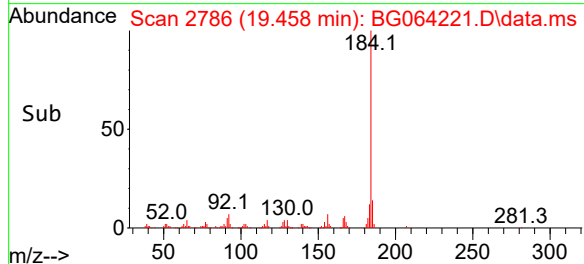
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:184 Resp: 122689
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 12.4 9.7 14.5

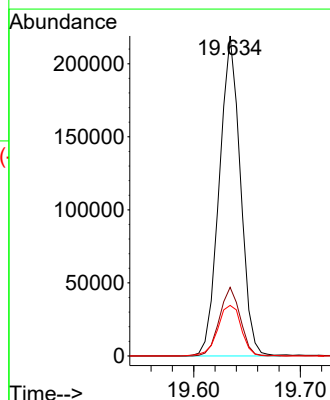
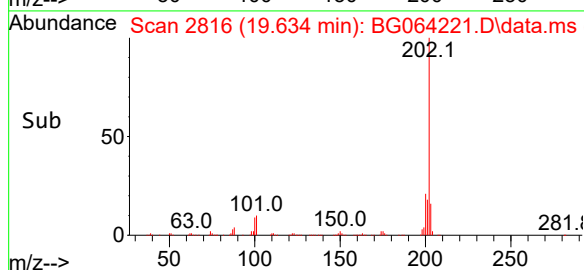
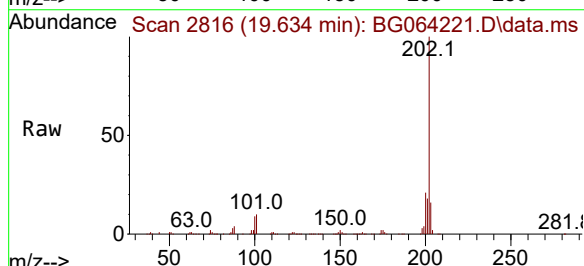
Manual Integrations
APPROVED

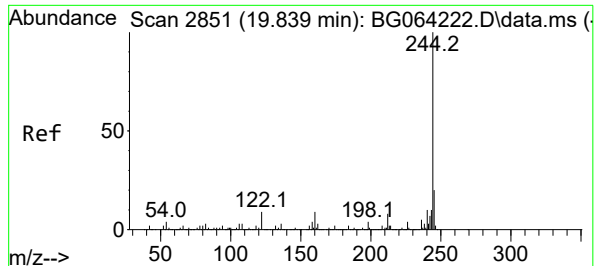
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#78
Pyrene
Concen: 20.409 ng
RT: 19.634 min Scan# 2816
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

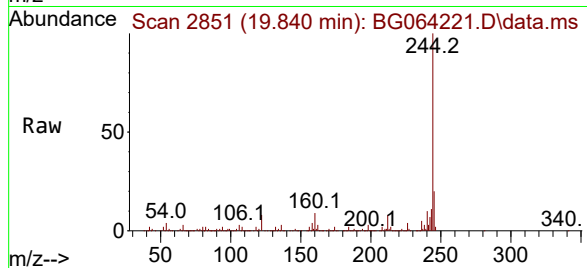
Tgt Ion:202 Resp: 300446
Ion Ratio Lower Upper
202 100
200 21.4 16.9 25.3
203 15.8 13.8 20.8





#79
Terphenyl-d14
Concen: 41.801 ng
RT: 19.840 min Scan# 2851
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

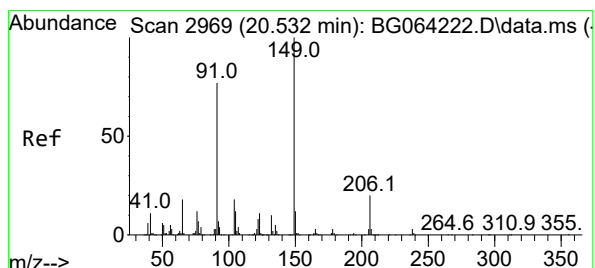
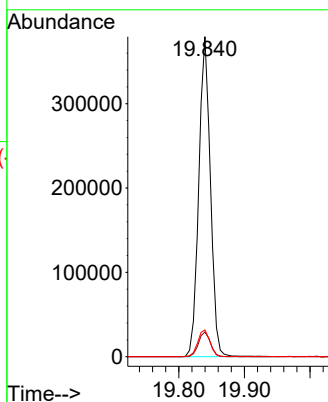
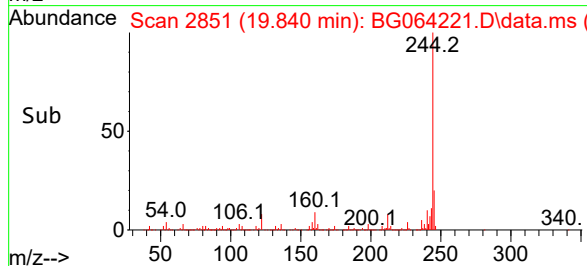
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:244 Resp: 46816
Ion Ratio Lower Upper
244 100
212 7.7 6.6 10.0
122 8.3 7.0 10.6

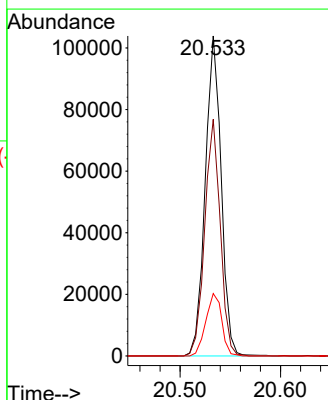
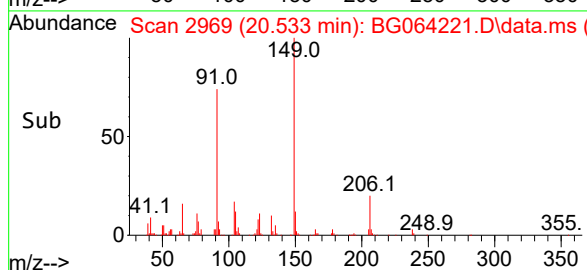
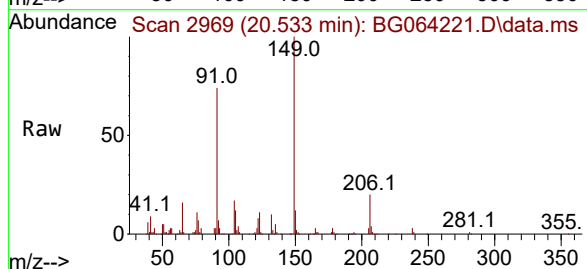
Manual Integrations
APPROVED

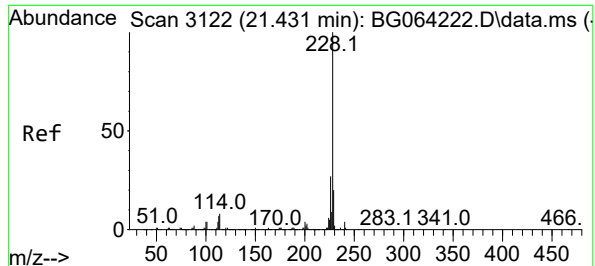
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#80
Butylbenzylphthalate
Concen: 20.699 ng
RT: 20.533 min Scan# 2969
Delta R.T. 0.000 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

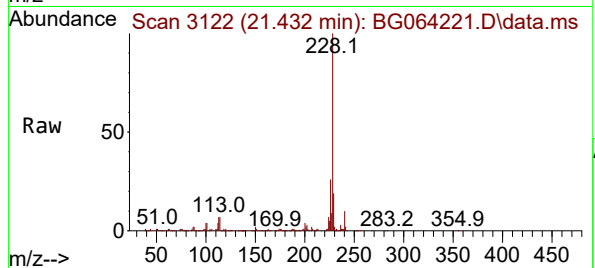
Tgt Ion:149 Resp: 114931
Ion Ratio Lower Upper
149 100
91 74.0 61.4 92.0
206 19.5 15.8 23.6





#81
Benzo(a)anthracene
Concen: 20.506 ng
RT: 21.432 min Scan# 3122
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

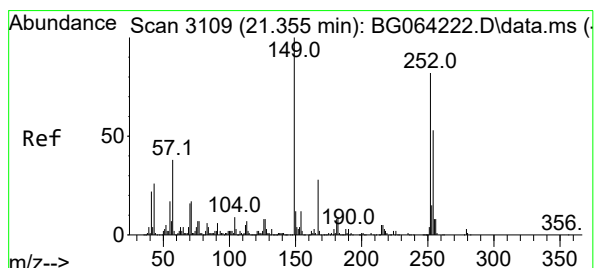
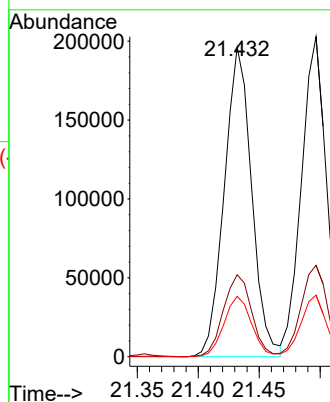
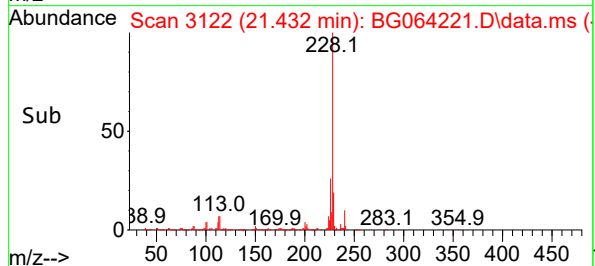
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 30655
Ion Ratio Lower Upper
228 100
226 26.5 21.7 32.5
229 19.5 15.9 23.9

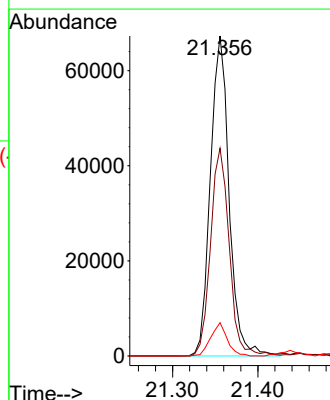
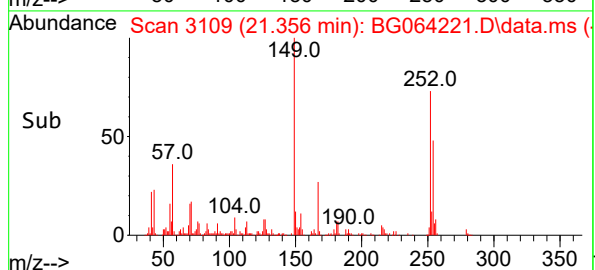
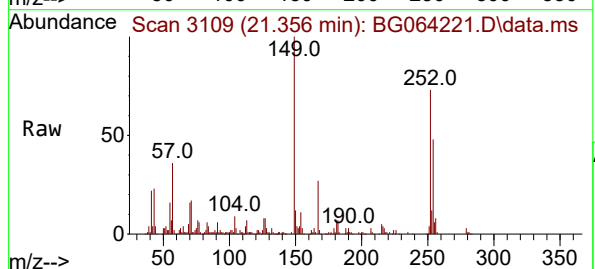
Manual Integrations
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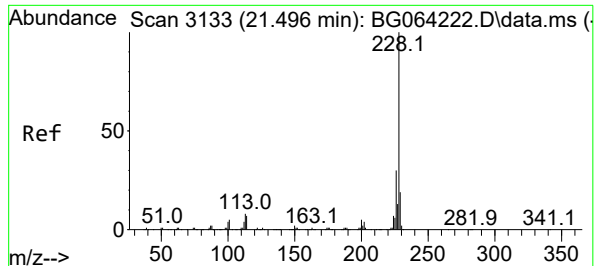
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#82
3,3'-Dichlorobenzidine
Concen: 21.141 ng
RT: 21.356 min Scan# 3109
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

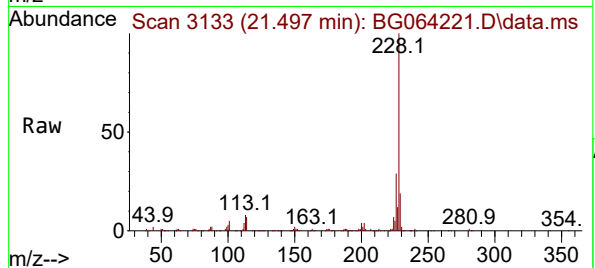
Tgt Ion:252 Resp: 102925
Ion Ratio Lower Upper
252 100
254 64.9 51.9 77.9
126 10.4 7.6 11.4





#83
Chrysene
Concen: 20.420 ng
RT: 21.497 min Scan# 3133
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

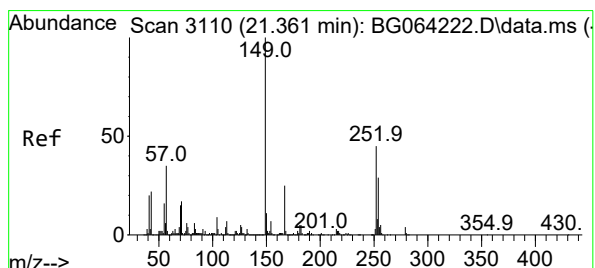
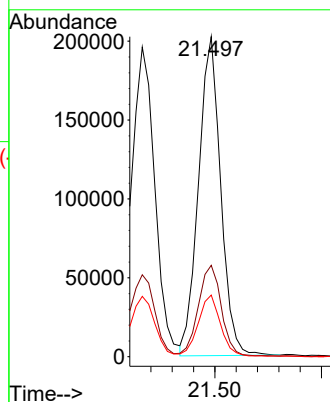
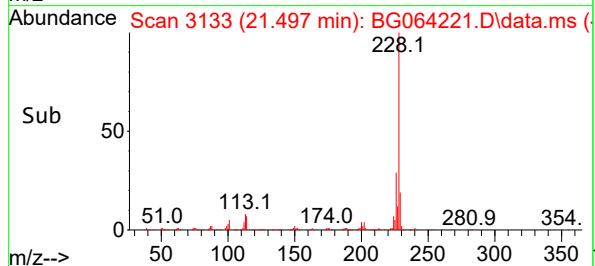
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 293057
Ion Ratio Lower Upper
228 100
226 28.6 24.2 36.2
229 19.3 15.4 23.2

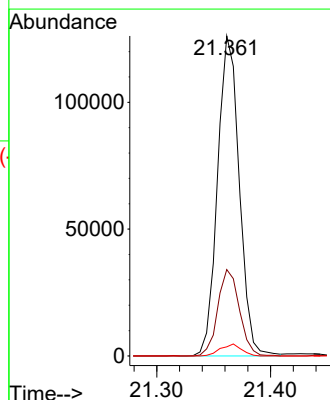
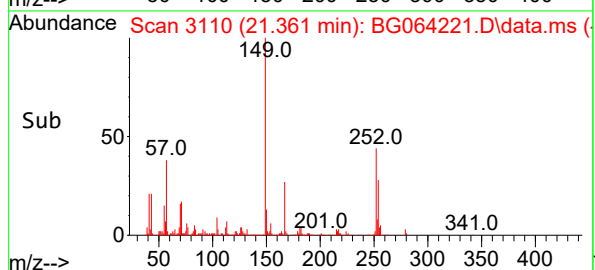
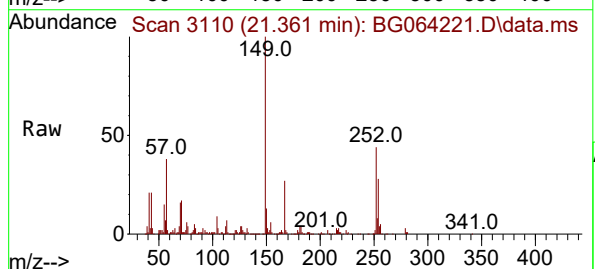
Manual Integrations
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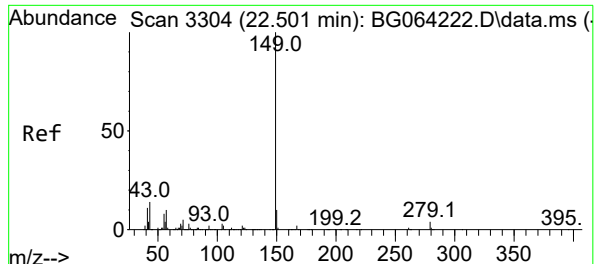
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 20.148 ng
RT: 21.361 min Scan# 3110
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

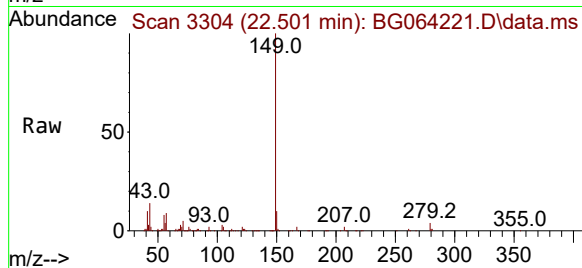
Tgt Ion:149 Resp: 167957
Ion Ratio Lower Upper
149 100
167 27.0 20.0 30.0
279 2.9 3.0 4.4#





#85
Di-n-octyl phthalate
Concen: 20.362 ng
RT: 22.501 min Scan# 3304
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

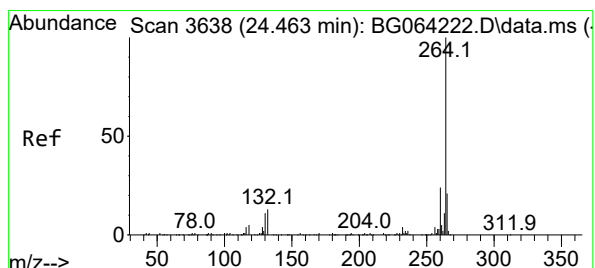
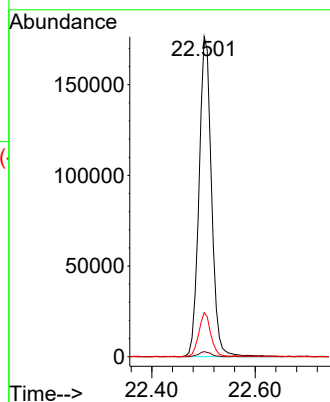
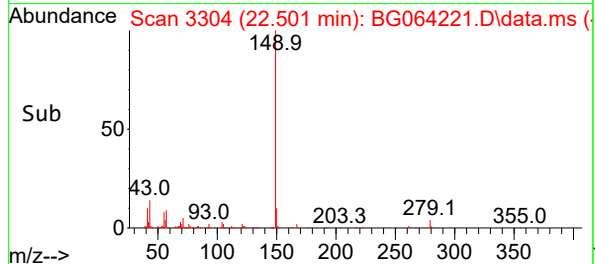
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:149 Resp: 295768
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 13.3 10.8 16.2

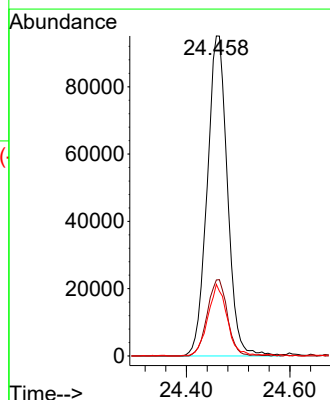
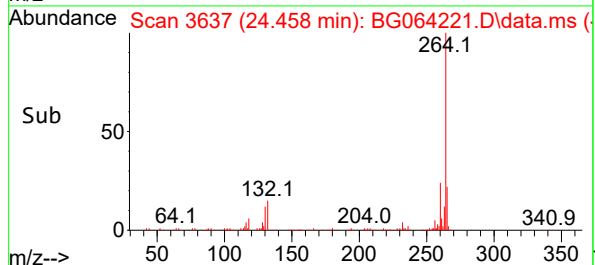
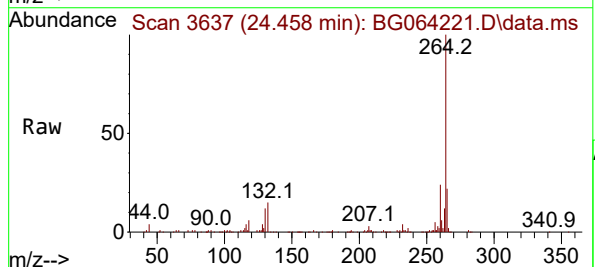
Manual Integrations
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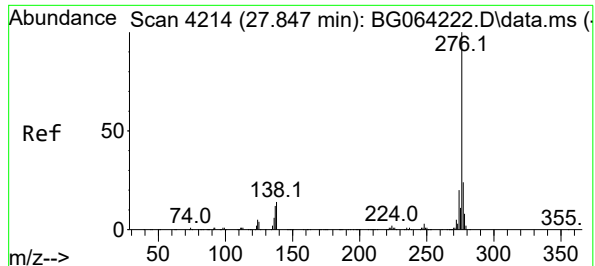
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.458 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

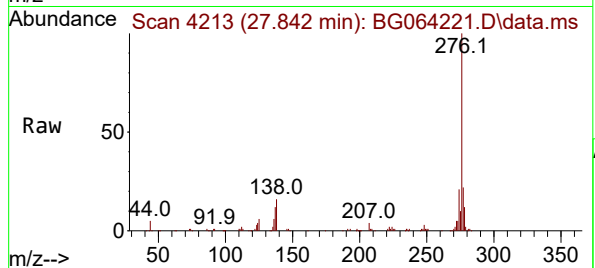
Tgt Ion:264 Resp: 258172
Ion Ratio Lower Upper
264 100
260 23.7 18.9 28.3
265 22.4 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 20.263 ng
RT: 27.842 min Scan# 4214
Delta R.T. -0.029 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

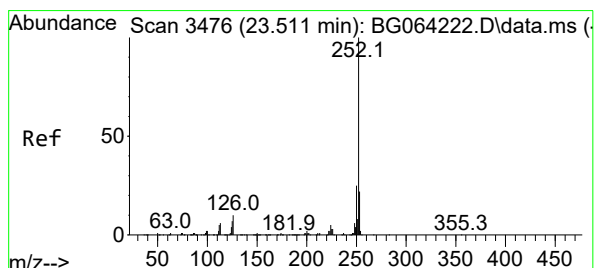
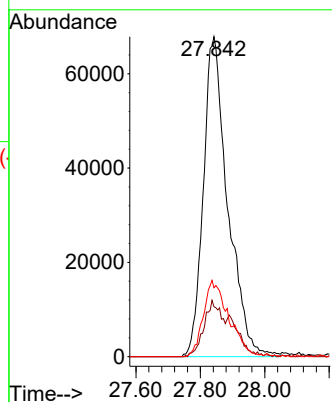
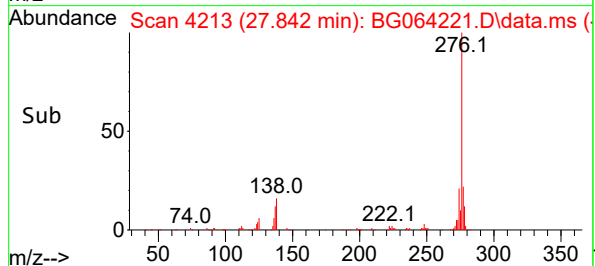
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:276 Resp: 35725
Ion Ratio Lower Upper
276 100
138 12.9 7.4 11.0
277 24.8 20.5 30.7

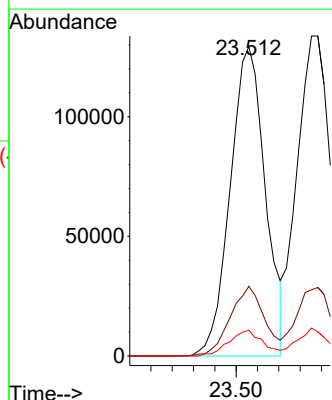
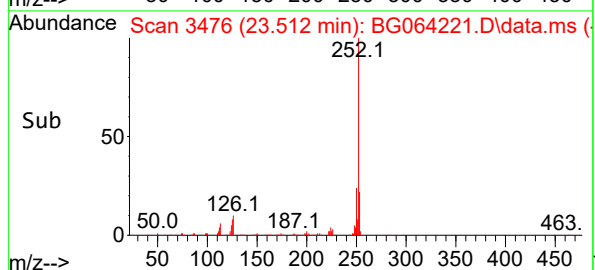
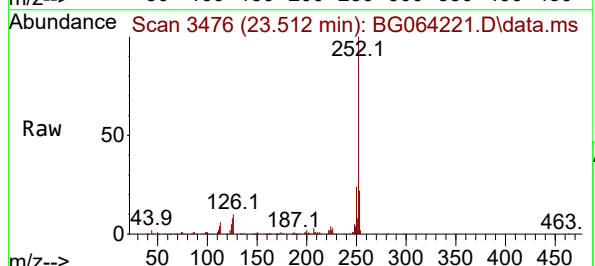
Manual Integrations
APPROVED

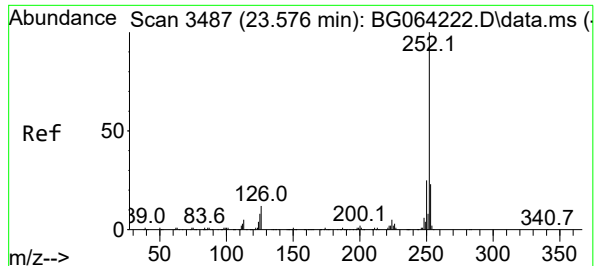
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#88
Benzo(b)fluoranthene
Concen: 20.285 ng
RT: 23.512 min Scan# 3476
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:252 Resp: 295568
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 8.3 5.9 8.9





#89

Benzo(k)fluoranthene

Concen: 20.492 ng

RT: 23.576 min Scan# 34

Delta R.T. -0.011 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:252 Resp: 304190

Ion Ratio Lower Upper

252 100

253 21.4 18.2 27.4

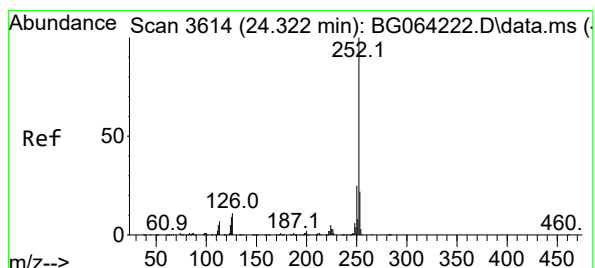
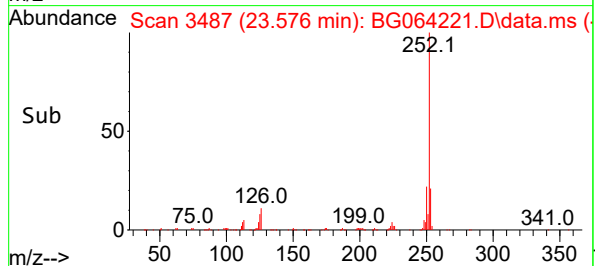
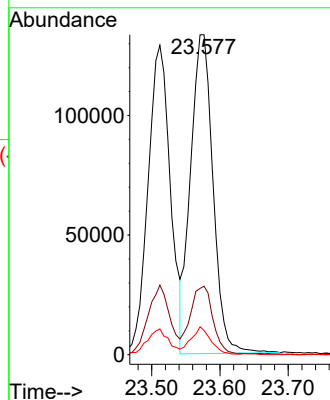
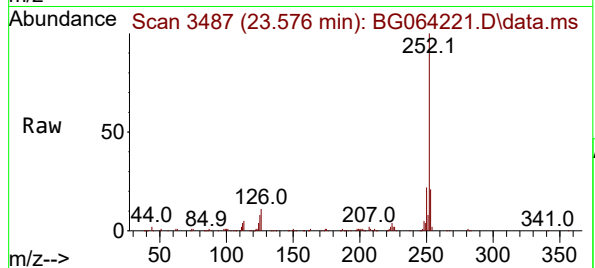
125 7.5 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#90

Benzo(a)pyrene

Concen: 20.504 ng

RT: 24.317 min Scan# 3613

Delta R.T. -0.011 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

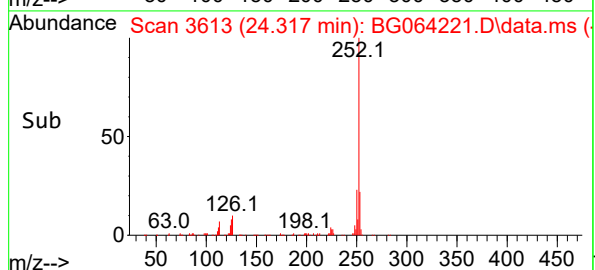
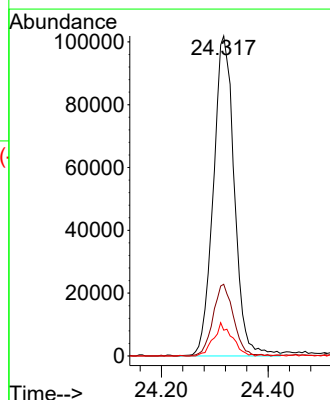
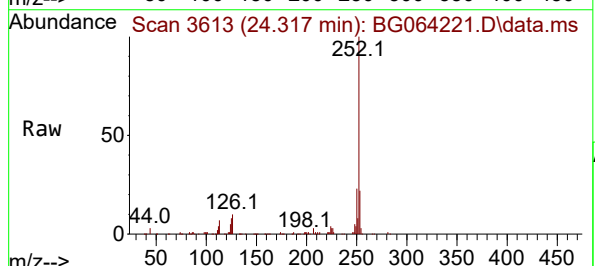
Tgt Ion:252 Resp: 277917

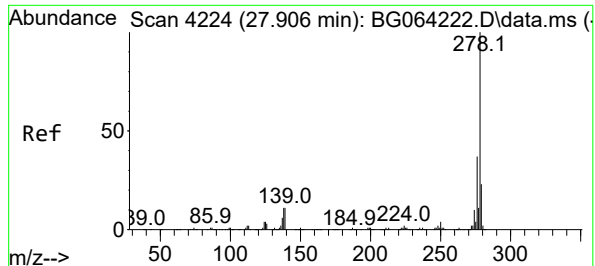
Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

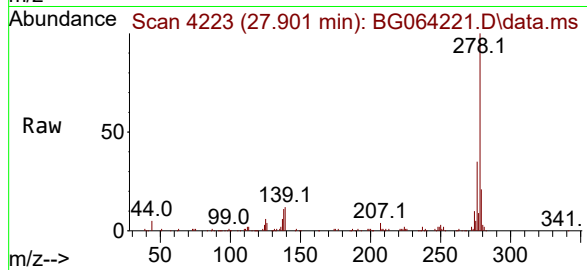
125 8.0 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 20.318 ng
RT: 27.901 min Scan# 41
Delta R.T. -0.023 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

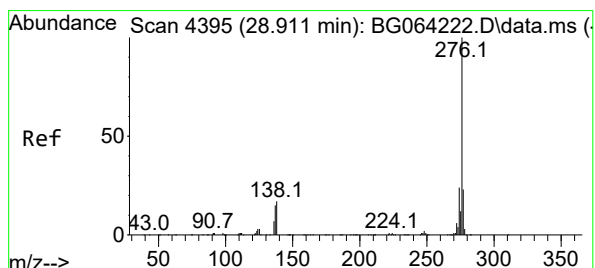
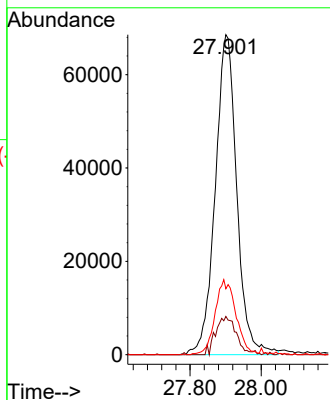
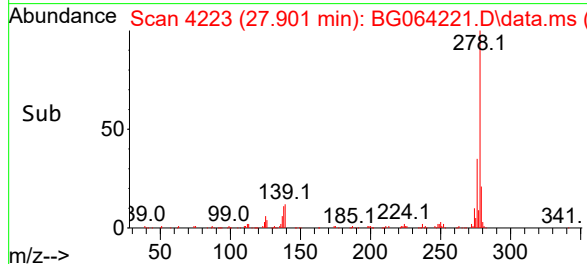
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:278 Resp: 28762
Ion Ratio Lower Upper
278 100
139 12.0 9.0 13.4
279 20.6 18.8 28.2

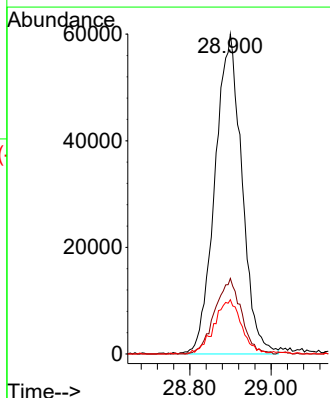
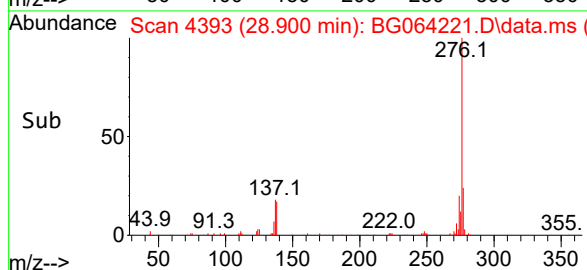
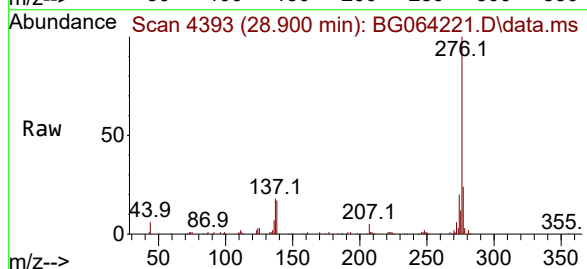
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#92
Benzo(g,h,i)perylene
Concen: 20.051 ng
RT: 28.900 min Scan# 4393
Delta R.T. -0.035 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:276 Resp: 276197
Ion Ratio Lower Upper
276 100
277 23.6 18.2 27.4
138 16.9 13.3 19.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
 Data File : BG064222.D
 Acq On : 28 Aug 2025 13:33
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/29/2025
 Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:40:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	26688	20.000	ng	0.00
21) Naphthalene-d8	10.644	136	126200	20.000	ng	0.00
39) Acenaphthene-d10	14.481	164	90061	20.000	ng	0.00
64) Phenanthrene-d10	17.218	188	216625	20.000	ng	0.00
76) Chrysene-d12	21.455	240	230899	20.000	ng	0.00
86) Perylene-d12	24.463	264	249993	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.444	112	117882	79.246	ng	0.00
7) Phenol-d6	7.025	99	161720	79.133	ng	0.00
23) Nitrobenzene-d5	9.010	82	184443	81.509	ng	0.00
42) 2,4,6-Tribromophenol	15.967	330	99487	83.399	ng	0.00
45) 2-Fluorobiphenyl	13.106	172	478450	81.088	ng	0.00
79) Terphenyl-d14	19.839	244	905835	81.849	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.364	88	20648	33.302	ng	100
3) Pyridine	3.752	79	71416	39.129	ng	100
4) n-Nitrosodimethylamine	3.670	42	49194	40.750	ng	100
6) Aniline	7.183	93	113404	40.128	ng	100
8) 2-Chlorophenol	7.424	128	75709	41.650	ng	100
9) Benzaldehyde	6.995	77	73366	43.623	ng	100
10) Phenol	7.048	94	89064	39.529	ng	100
11) bis(2-Chloroethyl)ether	7.283	93	68380	40.387	ng	100
12) 1,3-Dichlorobenzene	7.747	146	78542	40.615	ng	100
13) 1,4-Dichlorobenzene	7.894	146	78264	40.101	ng	100
14) 1,2-Dichlorobenzene	8.206	146	75225	39.936	ng	100
15) Benzyl Alcohol	8.088	79	76134	40.370	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.376	45	154642	40.005	ng	100
17) 2-Methylphenol	8.294	107	67291	40.073	ng	100
18) Hexachloroethane	8.934	117	31114	40.841	ng	100
19) n-Nitroso-di-n-propyla...	8.664	70	64204	41.049	ng	100
20) 3+4-Methylphenols	8.623	107	90856	38.939	ng	100
22) Acetophenone	8.670	105	126717	39.689	ng	100
24) Nitrobenzene	9.052	77	97991	41.447	ng	100
25) Isophorone	9.575	82	188784	40.142	ng	100
26) 2-Nitrophenol	9.763	139	43222	42.309	ng	100
27) 2,4-Dimethylphenol	9.821	122	74893	41.756	ng	100
28) bis(2-Chloroethoxy)met...	10.056	93	104447	41.188	ng	100
29) 2,4-Dichlorophenol	10.291	162	78139	41.290	ng	100
30) 1,2,4-Trichlorobenzene	10.509	180	80502	40.344	ng	100
31) Naphthalene	10.697	128	261400	39.944	ng	100
32) Benzoic acid	9.956	122	60467m	42.471	ng	
33) 4-Chloroaniline	10.797	127	106157	41.854	ng	100
34) Hexachlorobutadiene	10.991	225	59902	40.612	ng	100
35) Caprolactam	11.572	113	31152	42.513	ng	100
36) 4-Chloro-3-methylphenol	11.925	107	99772	40.634	ng	100
37) 2-Methylnaphthalene	12.307	142	198855	40.881	ng	100
38) 1-Methylnaphthalene	12.524	142	195785	40.750	ng	100
40) 1,2,4,5-Tetrachloroben...	12.677	216	104909	40.372	ng	100
41) Hexachlorocyclopentadiene	12.659	237	49514	40.092	ng	100
43) 2,4,6-Trichlorophenol	12.912	196	71398	41.108	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
 Data File : BG064222.D
 Acq On : 28 Aug 2025 13:33
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/29/2025
 Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:40:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

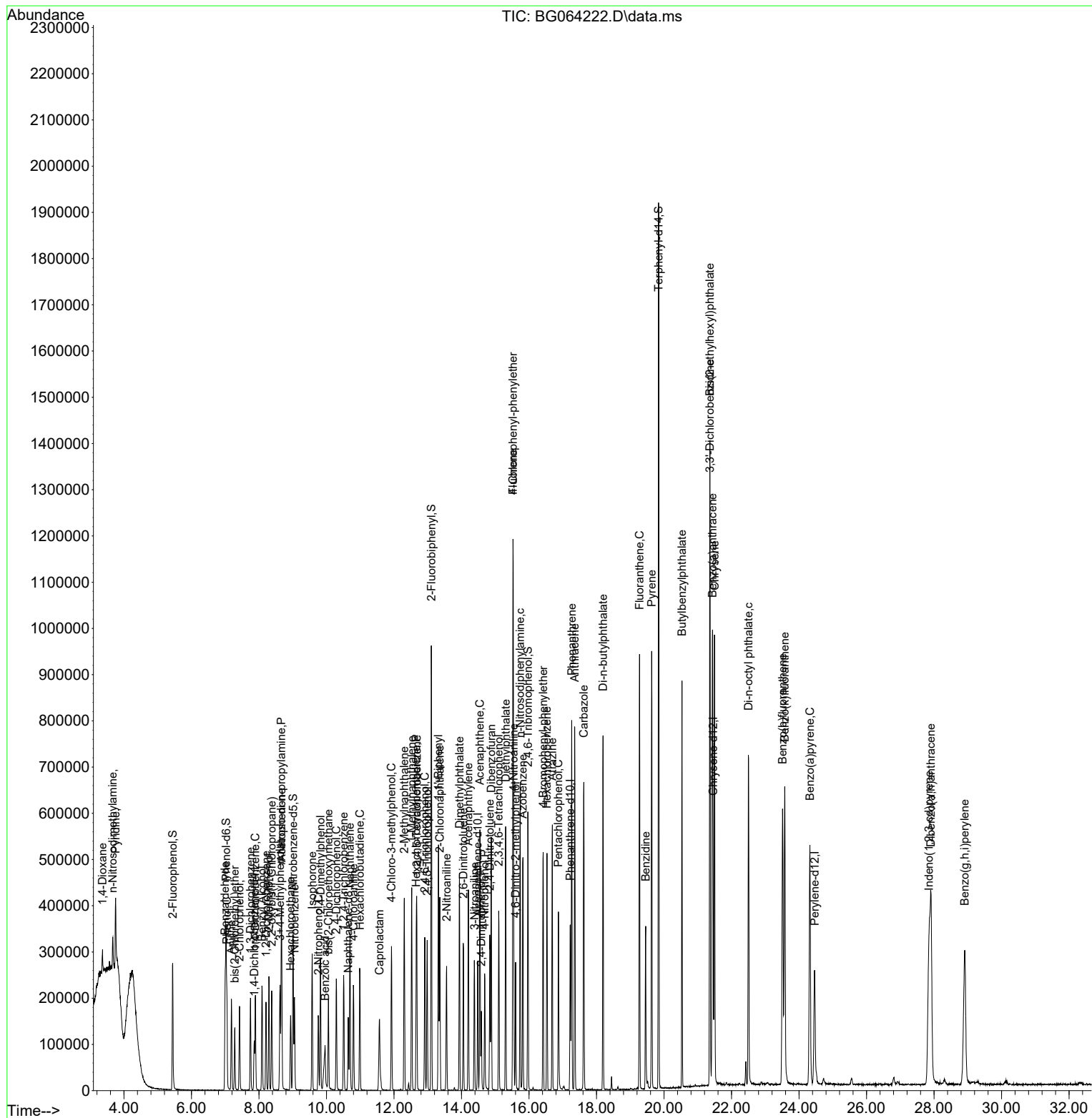
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.982	196	77976	41.387	ng	100
46) 1,1'-Biphenyl	13.317	154	269191	41.038	ng	100
47) 2-Chloronaphthalene	13.358	162	200412	40.640	ng	100
48) 2-Nitroaniline	13.558	65	73815	43.916	ng	100
49) Acenaphthylene	14.204	152	301771	41.396	ng	100
50) Dimethylphthalate	13.940	163	280002	41.075	ng	100
51) 2,6-Dinitrotoluene	14.052	165	58034	43.975	ng	100
52) Acenaphthene	14.545	154	212105	41.230	ng	100
53) 3-Nitroaniline	14.387	138	59560	43.085	ng	100
54) 2,4-Dinitrophenol	14.586	184	32082	40.231	ng	100
55) Dibenzofuran	14.880	168	330167	40.802	ng	100
56) 4-Nitrophenol	14.686	139	51577	45.484	ng	100
57) 2,4-Dinitrotoluene	14.839	165	87210	43.705	ng	100
58) Fluorene	15.526	166	275394	41.523	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.103	232	75450	41.637	ng	100
60) Diethylphthalate	15.309	149	304086	41.681	ng	100
61) 4-Chlorophenyl-phenyle...	15.526	204	135998	41.127	ng	100
62) 4-Nitroaniline	15.544	138	63286	44.865	ng	100
63) Azobenzene	15.814	77	270729	41.635	ng	100
65) 4,6-Dinitro-2-methylph...	15.603	198	51221	41.184	ng	100
66) n-Nitrosodiphenylamine	15.738	169	243339	40.835	ng	100
67) 4-Bromophenyl-phenylether	16.419	248	93326	40.562	ng	100
68) Hexachlorobenzene	16.531	284	98094	38.392	ng	100
69) Atrazine	16.690	200	103824	41.726	ng	100
70) Pentachlorophenol	16.872	266	66146	42.696	ng	100
71) Phenanthrene	17.265	178	469432	41.086	ng	100
72) Anthracene	17.354	178	481293	41.411	ng	100
73) Carbazole	17.624	167	434112	42.400	ng	100
74) Di-n-butylphthalate	18.194	149	524841	42.668	ng	100
75) Fluoranthene	19.275	202	565136	42.067	ng	100
77) Benzidine	19.457	184	205659	42.340	ng	100
78) Pyrene	19.633	202	601727	41.364	ng	100
80) Butylbenzylphthalate	20.532	149	228304	41.610	ng	100
81) Benzo(a)anthracene	21.431	228	598710	40.530	ng	100
82) 3,3'-Dichlorobenzidine	21.355	252	197938	41.144	ng	100
83) Chrysene	21.496	228	576127	40.625	ng	100
84) Bis(2-ethylhexyl)phtha...	21.361	149	338114	41.046	ng	100
85) Di-n-octyl phthalate	22.501	149	583481	40.652	ng	100
87) Indeno(1,2,3-cd)pyrene	27.847	276	699504	40.973	ng	100
88) Benzo(b)fluoranthene	23.511	252	587871	41.666	ng	100
89) Benzo(k)fluoranthene	23.576	252	570589	39.695	ng	100
90) Benzo(a)pyrene	24.322	252	541764	41.278	ng	100
91) Dibenzo(a,h)anthracene	27.906	278	567245	41.382	ng	100
92) Benzo(g,h,i)perylene	28.911	276	541401	40.590	ng	100

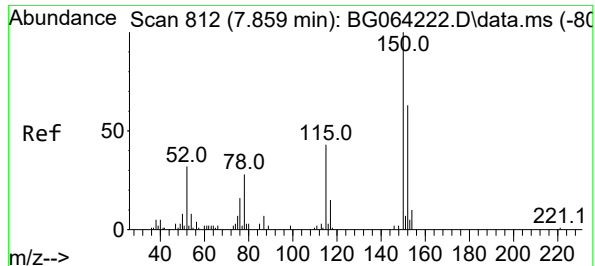
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

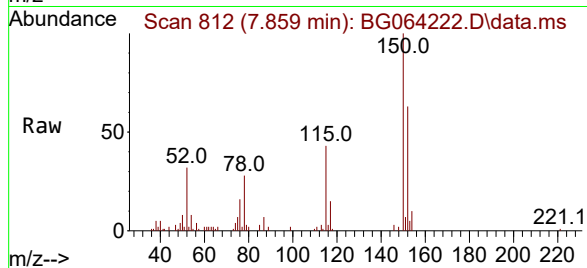
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.859 min Scan# 812
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

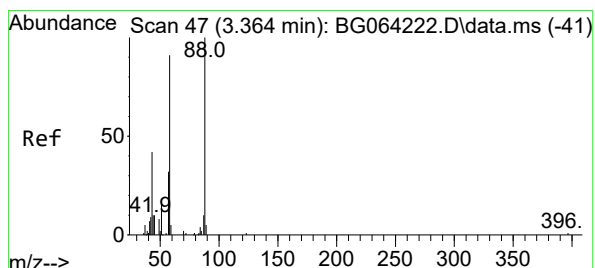
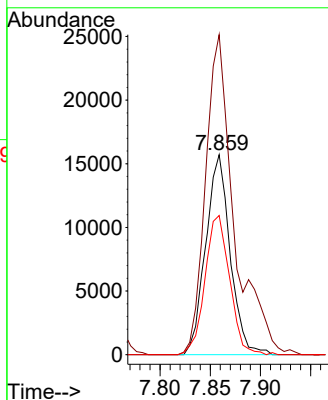
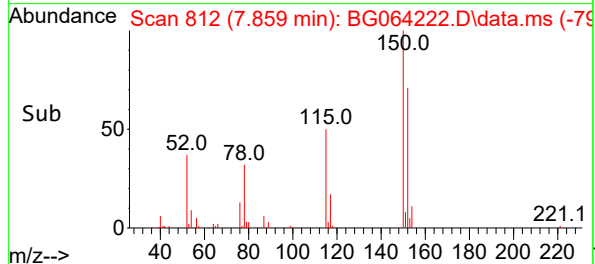
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:152 Resp: 2668
Ion Ratio Lower Upper
152 100
150 160.0 128.0 192.0
115 69.6 55.7 83.5

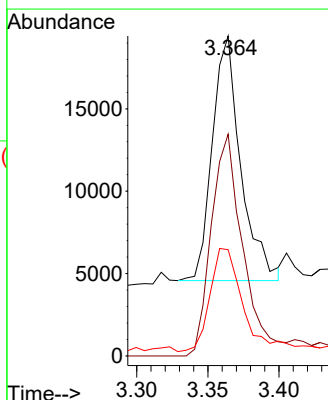
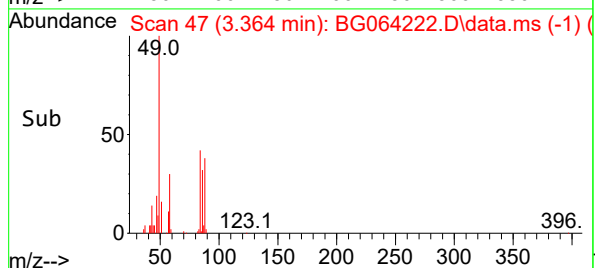
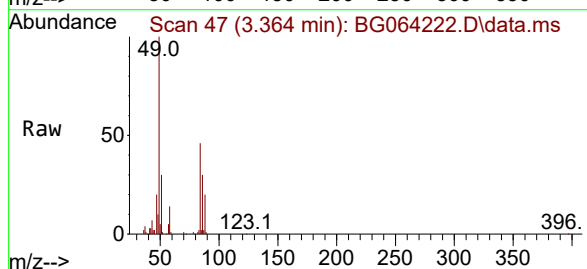
Manual Integrations
APPROVED

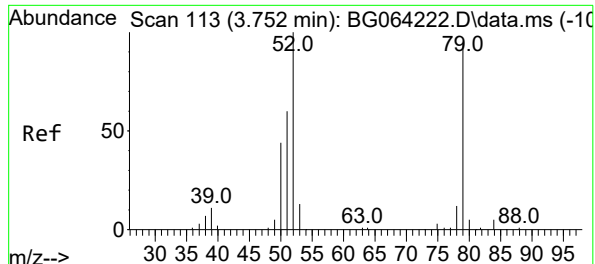
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#2
1,4-Dioxane
Concen: 33.302 ng
RT: 3.364 min Scan# 47
Delta R.T. 0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

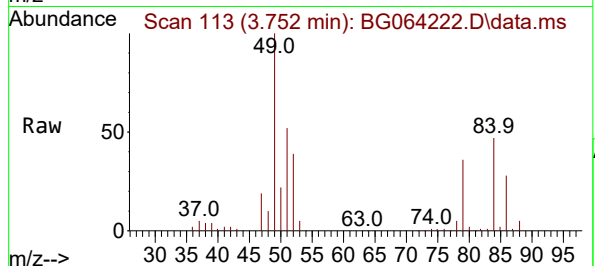
Tgt Ion: 88 Resp: 20648
Ion Ratio Lower Upper
88 100
58 101.0 80.8 121.2
43 50.4 40.3 60.5





#3
Pyridine
Concen: 39.129 ng
RT: 3.752 min Scan# 113
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

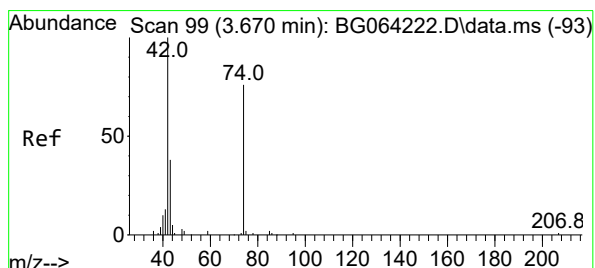
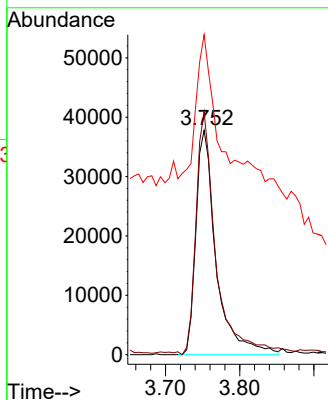
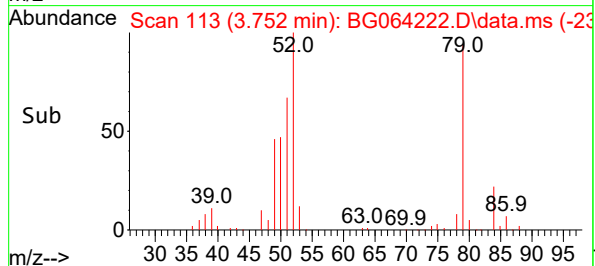
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion: 79 Resp: 71410
Ion Ratio Lower Upper
79 100
52 108.2 86.6 129.8
51 142.6 114.1 171.1

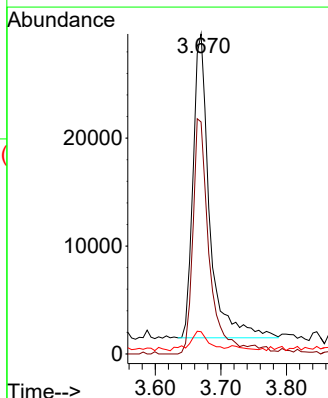
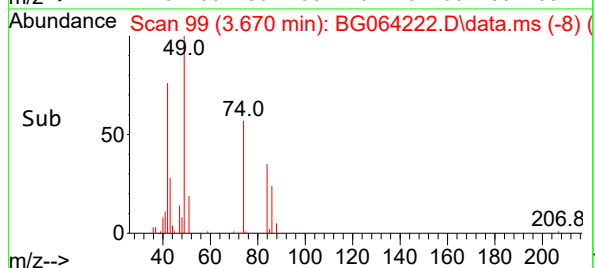
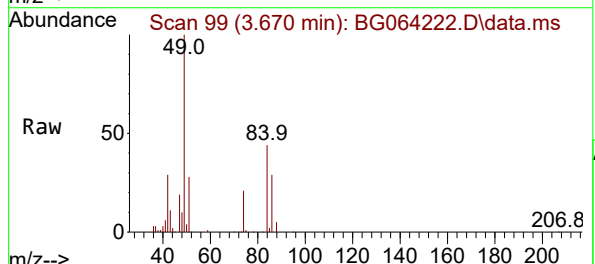
Manual Integrations
APPROVED

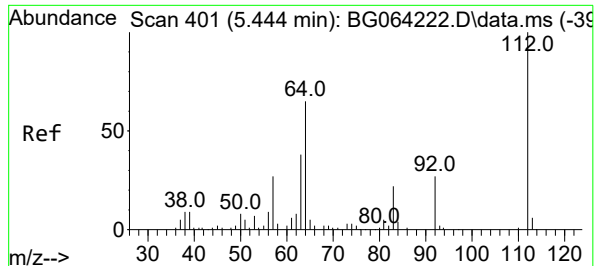
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#4
n-Nitrosodimethylamine
Concen: 40.750 ng
RT: 3.670 min Scan# 99
Delta R.T. 0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion: 42 Resp: 49194
Ion Ratio Lower Upper
42 100
74 72.5 58.0 87.0
44 6.9 5.5 8.3





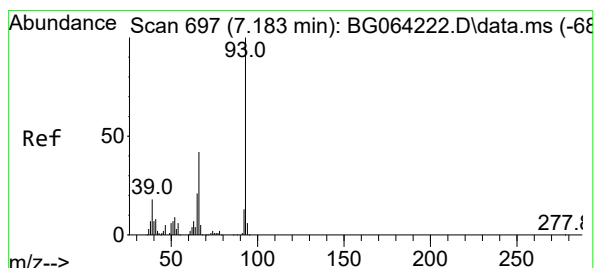
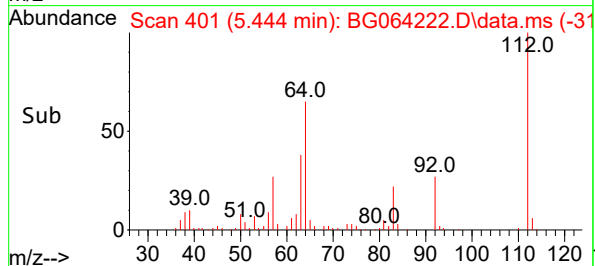
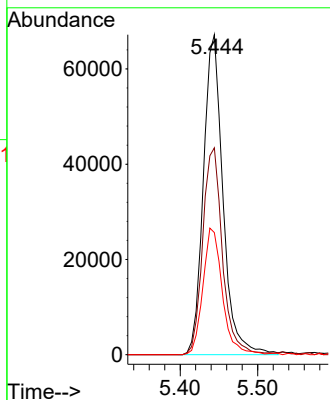
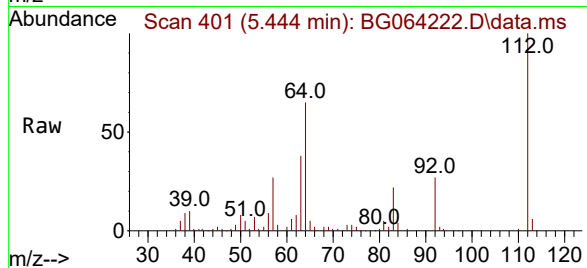
#5
2-Fluorophenol
Concen: 79.246 ng
RT: 5.444 min Scan# 401
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:112 Resp: 11788
Ion Ratio Lower Upper
112 100
64 64.7 51.8 77.6
63 38.2 30.6 45.8

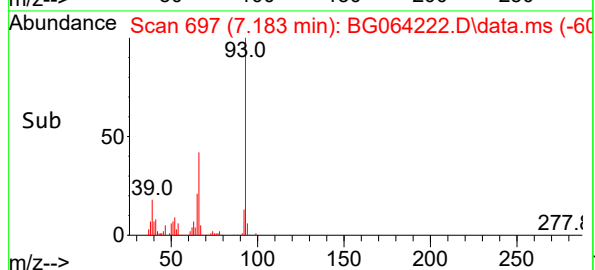
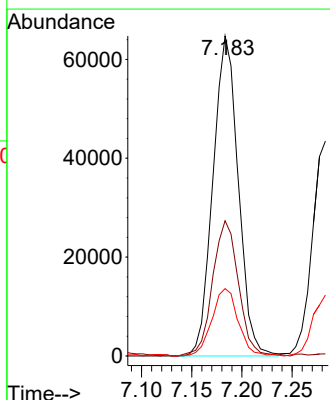
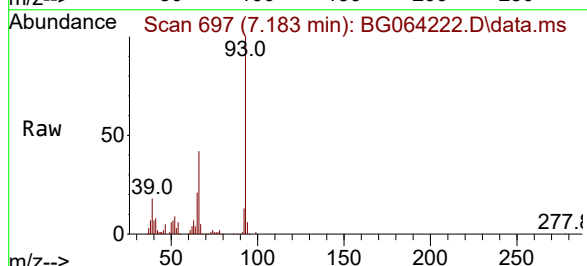
Manual Integrations
APPROVED

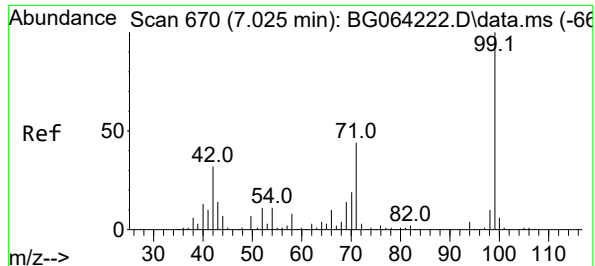
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#6
Aniline
Concen: 40.128 ng
RT: 7.183 min Scan# 697
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion: 93 Resp: 113404
Ion Ratio Lower Upper
93 100
66 42.3 33.8 50.8
65 21.1 16.9 25.3





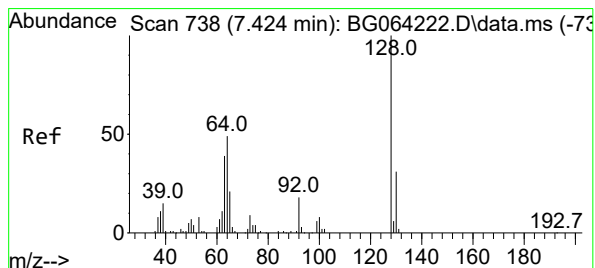
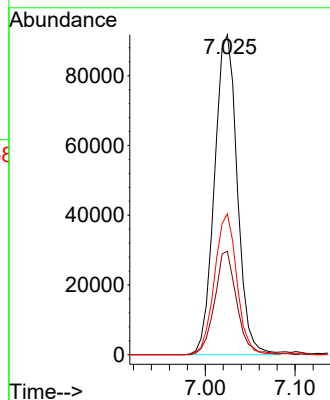
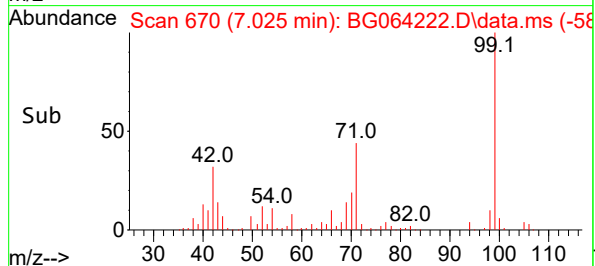
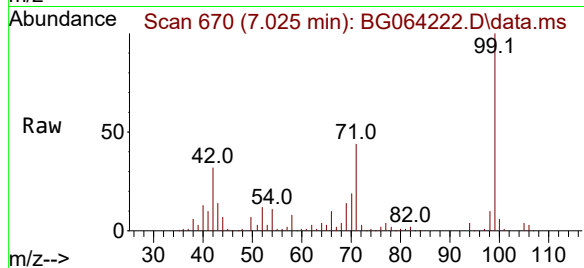
#7
Phenol-d6
Concen: 79.133 ng
RT: 7.025 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion: 99 Resp: 161720
Ion Ratio Lower Upper
99 100
42 32.3 25.8 38.8
71 44.0 35.2 52.8

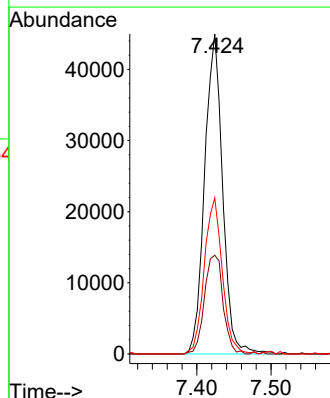
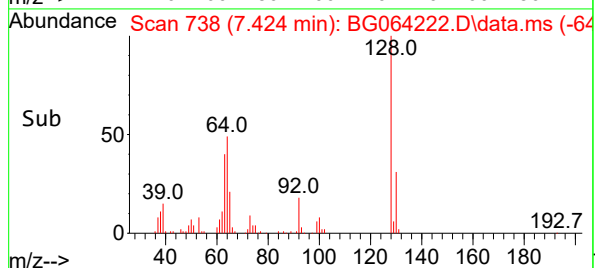
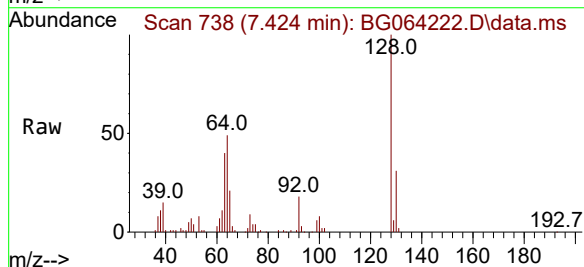
Manual Integrations
APPROVED

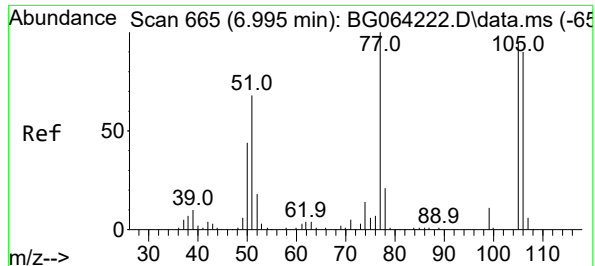
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#8
2-Chlorophenol
Concen: 41.650 ng
RT: 7.424 min Scan# 738
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:128 Resp: 75709
Ion Ratio Lower Upper
128 100
130 30.9 10.9 50.9
64 48.7 28.7 68.7





#9

Benzaldehyde

Concen: 43.623 ng

RT: 6.995 min Scan# 665

Delta R.T. 0.000 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion: 77 Resp: 7336

Ion Ratio Lower Upper

77 100

105 95.2 75.2 115.2

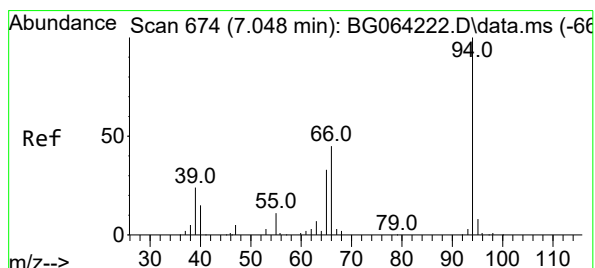
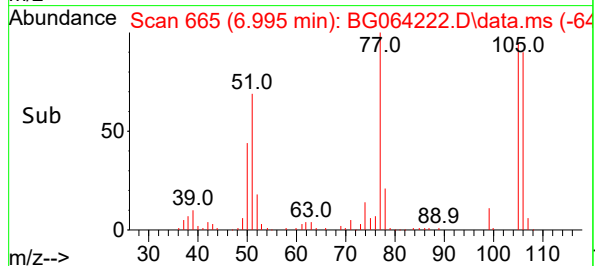
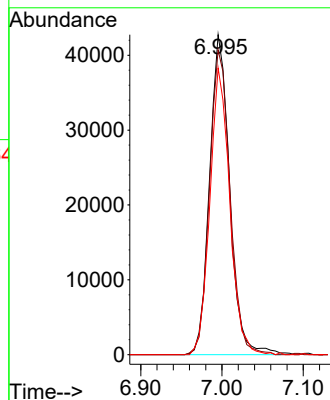
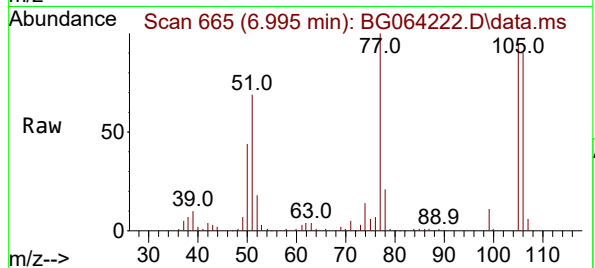
106 89.6 69.6 109.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#10

Phenol

Concen: 39.529 ng

RT: 7.048 min Scan# 674

Delta R.T. -0.006 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

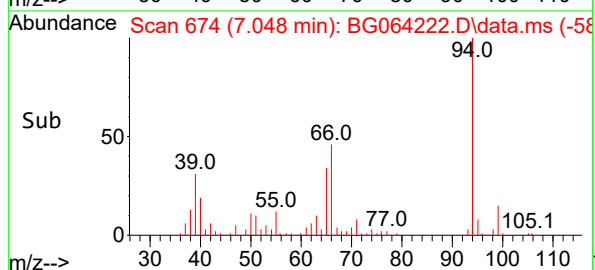
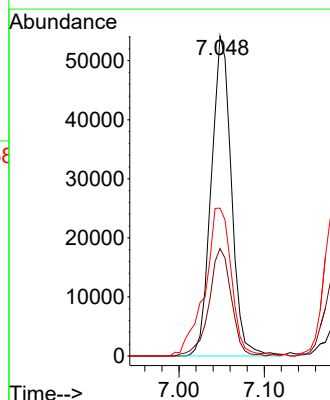
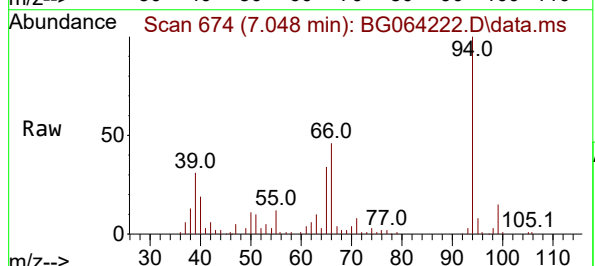
Tgt Ion: 94 Resp: 89064

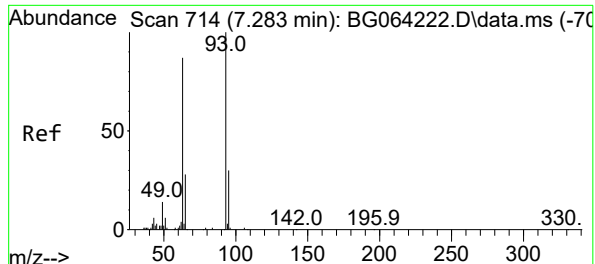
Ion Ratio Lower Upper

94 100

65 33.5 13.5 53.5

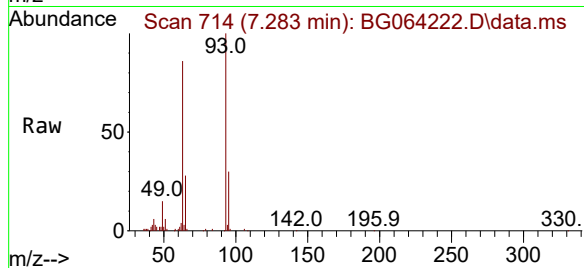
66 46.2 26.2 66.2





#11
bis(2-Chloroethyl)ether
Concen: 40.387 ng
RT: 7.283 min Scan# 714
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

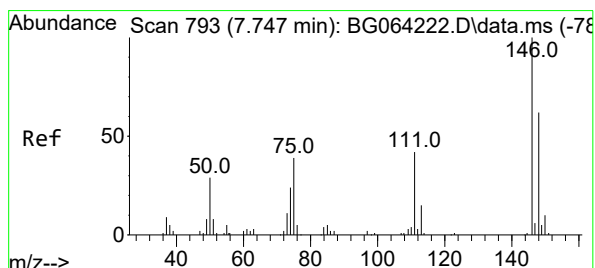
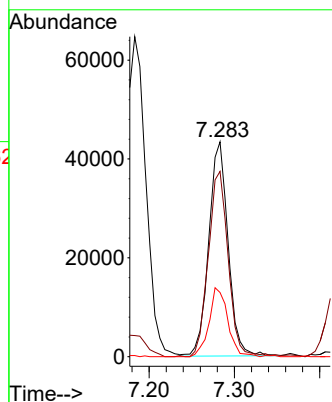
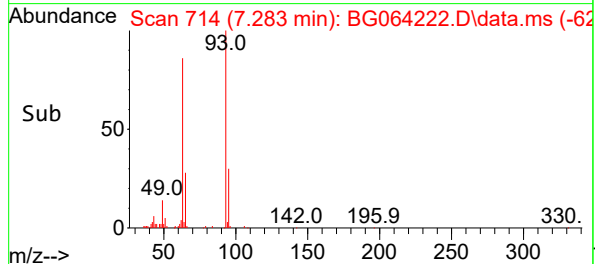
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion: 93 Resp: 68380
Ion Ratio Lower Upper
93 100
63 86.2 66.2 106.2
95 29.8 9.8 49.8

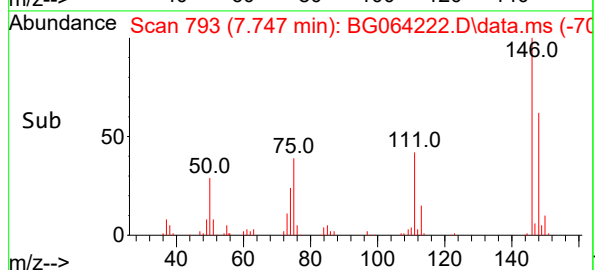
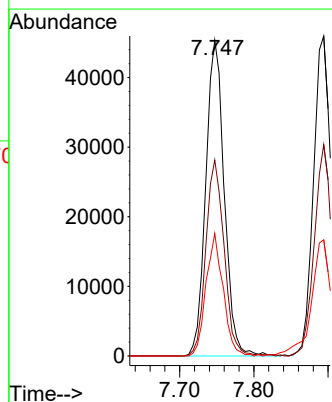
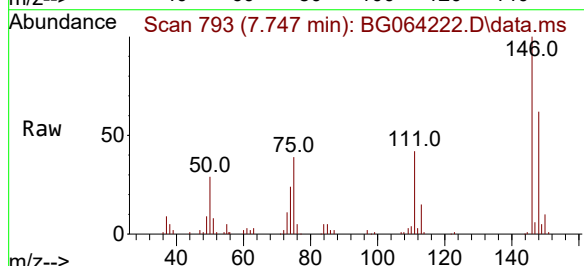
Manual Integrations
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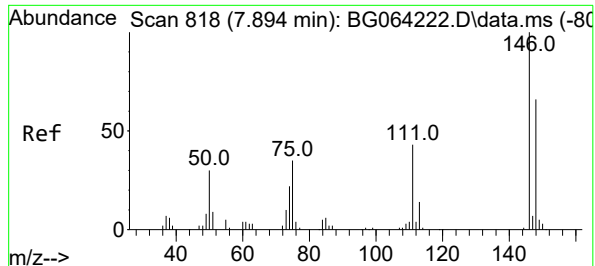
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#12
1,3-Dichlorobenzene
Concen: 40.615 ng
RT: 7.747 min Scan# 793
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:146 Resp: 78542
Ion Ratio Lower Upper
146 100
148 62.0 49.6 74.4
75 38.8 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 40.101 ng

RT: 7.894 min Scan# 818

Delta R.T. -0.000 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:146 Resp: 78264

Ion Ratio Lower Upper

146 100

148 66.0 52.8 79.2

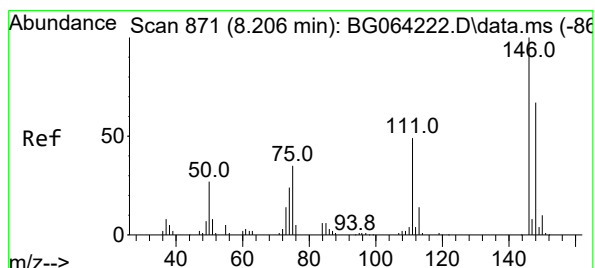
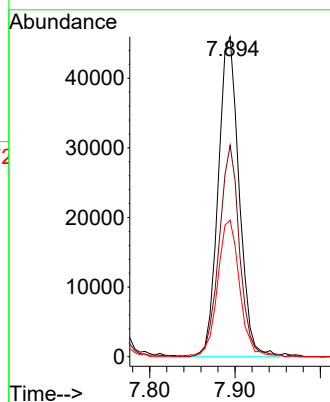
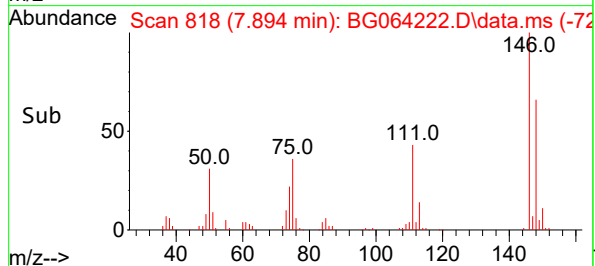
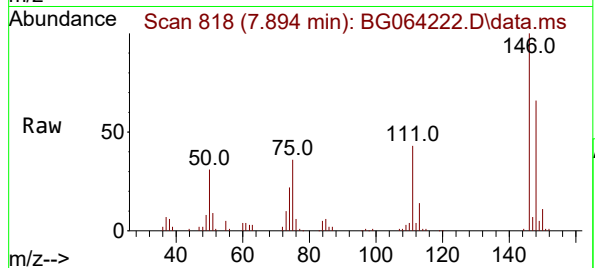
111 42.6 34.1 51.1

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#14

1,2-Dichlorobenzene

Concen: 39.936 ng

RT: 8.206 min Scan# 871

Delta R.T. -0.006 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

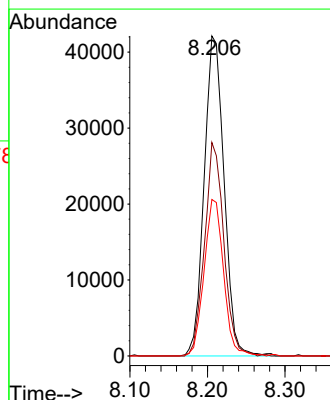
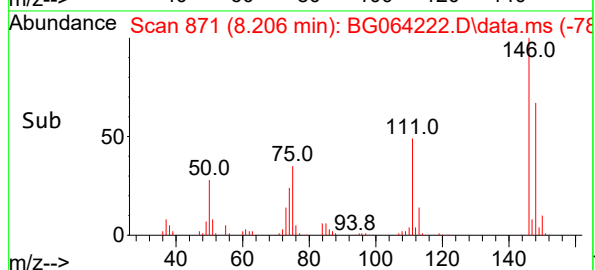
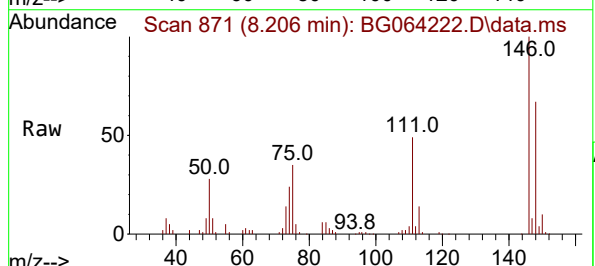
Tgt Ion:146 Resp: 75225

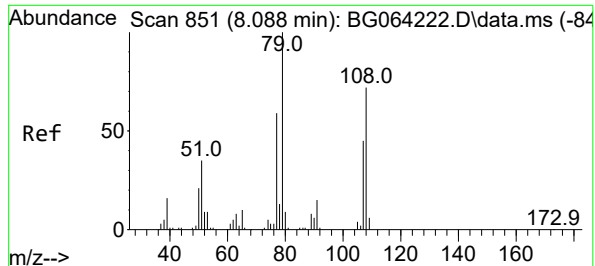
Ion Ratio Lower Upper

146 100

148 66.7 53.4 80.0

111 48.9 39.1 58.7





#15

Benzyl Alcohol

Concen: 40.370 ng

RT: 8.088 min Scan# 81

Delta R.T. -0.006 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

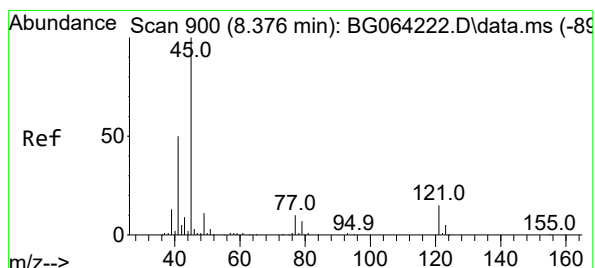
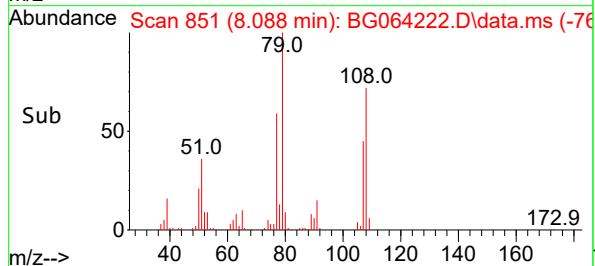
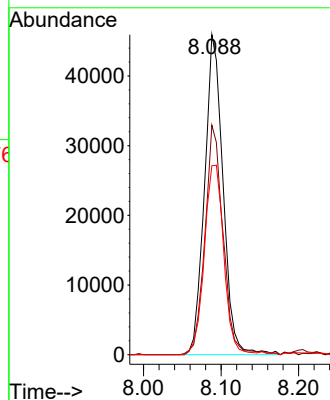
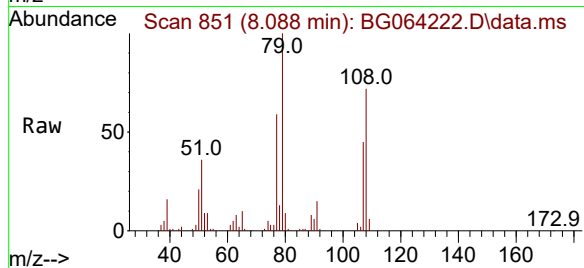
Tgt Ion: 79 Resp: 76134
Ion Ratio Lower Upper
79 100
108 71.7 57.4 86.0
77 59.0 47.2 70.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.005 ng

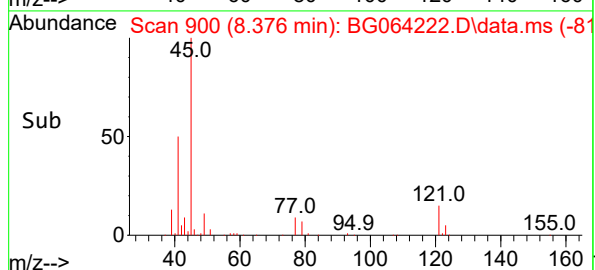
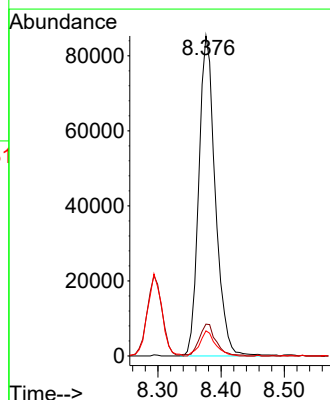
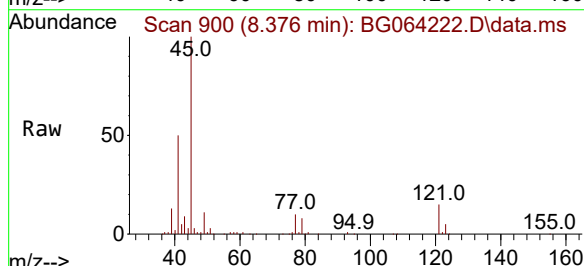
RT: 8.376 min Scan# 900

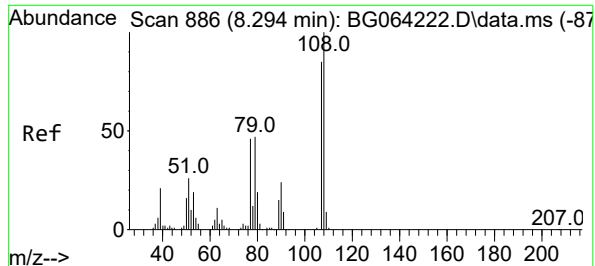
Delta R.T. -0.000 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

Tgt Ion: 45 Resp: 154642
Ion Ratio Lower Upper
45 100
77 10.0 0.0 30.0
79 7.9 0.0 27.9





#17

2-Methylphenol

Concen: 40.073 ng

RT: 8.294 min Scan# 886

Delta R.T. -0.006 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:107 Resp: 6729

Ion Ratio Lower Upper

107 100

108 118.2 94.6 141.8

77 54.6 43.7 65.5

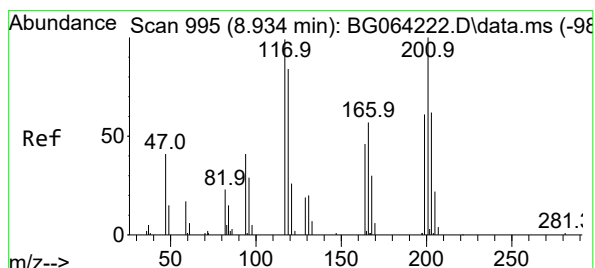
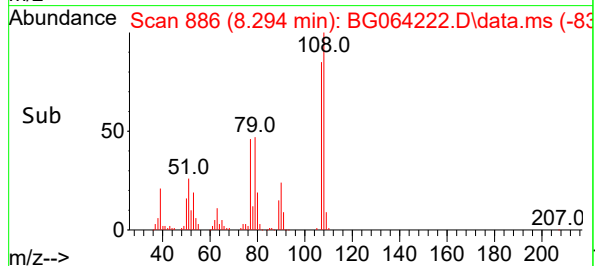
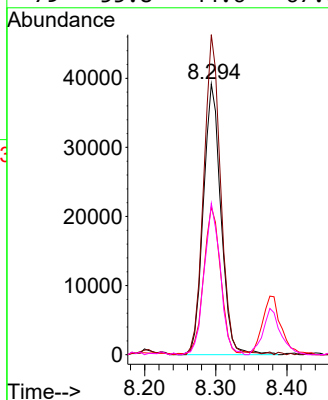
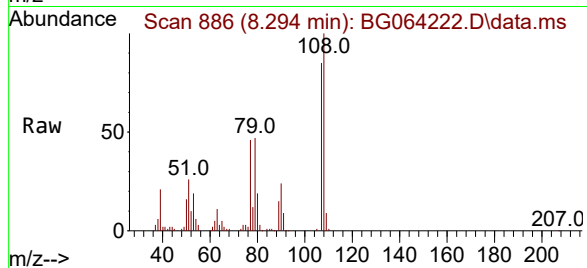
79 55.8 44.6 67.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#18

Hexachloroethane

Concen: 40.841 ng

RT: 8.934 min Scan# 995

Delta R.T. -0.000 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

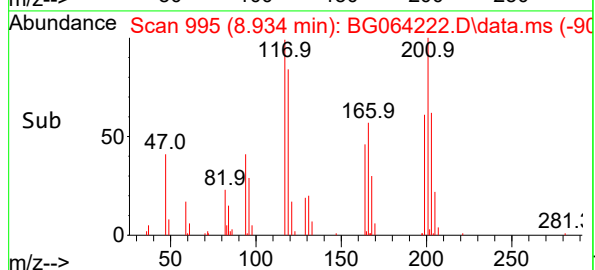
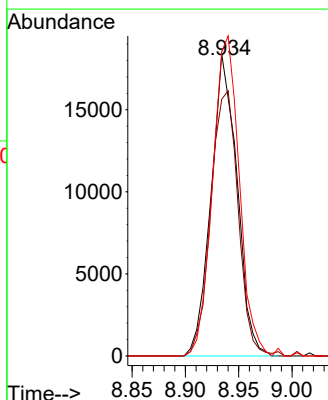
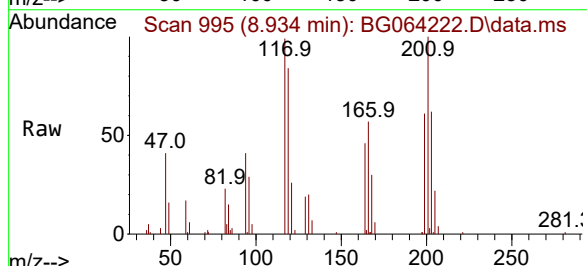
Tgt Ion:117 Resp: 31114

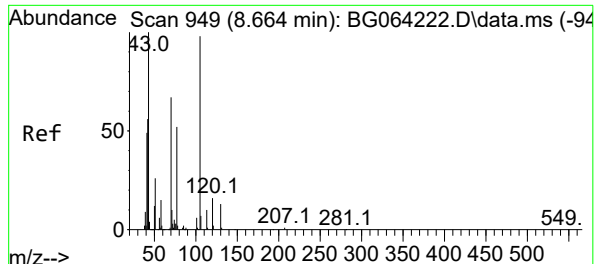
Ion Ratio Lower Upper

117 100

119 84.9 67.9 101.9

201 100.6 80.5 120.7





#19

n-Nitroso-di-n-propylamine

Concen: 41.049 ng

RT: 8.664 min Scan# 949

Delta R.T. -0.000 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 64204

Ion Ratio Lower Upper

70 100

42 84.9 67.9 101.9

101 9.1 7.3 10.9

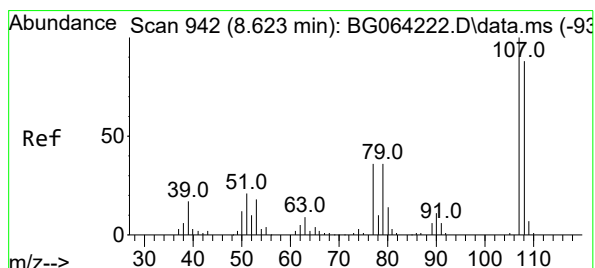
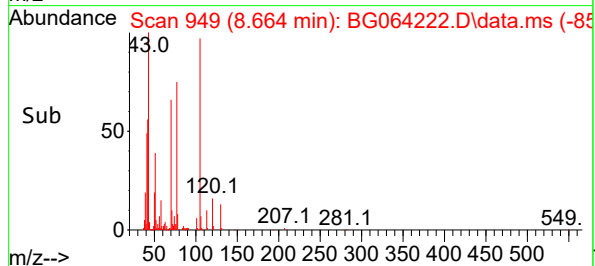
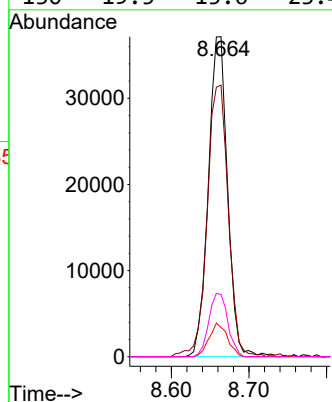
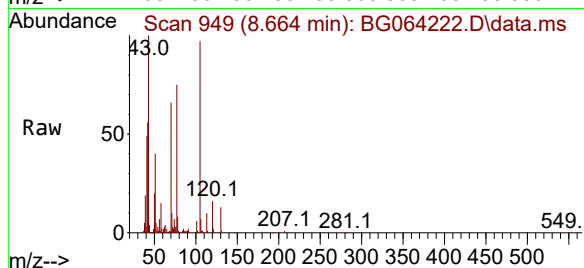
130 19.5 15.6 23.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#20

3+4-Methylphenols

Concen: 38.939 ng

RT: 8.623 min Scan# 942

Delta R.T. -0.006 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

Tgt Ion:107 Resp: 90856

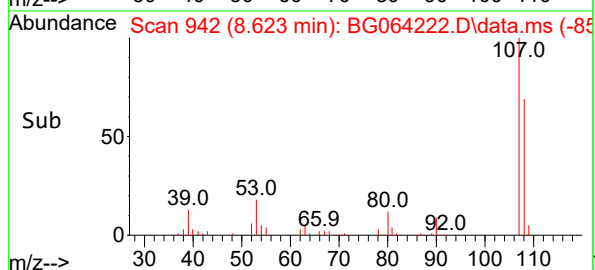
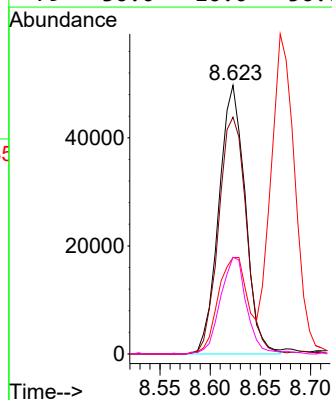
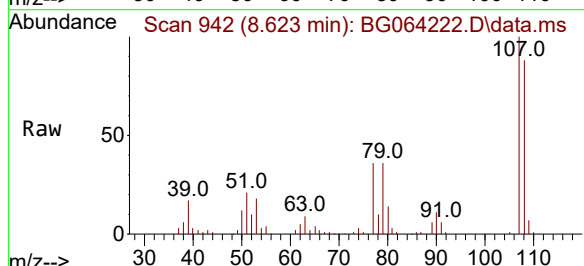
Ion Ratio Lower Upper

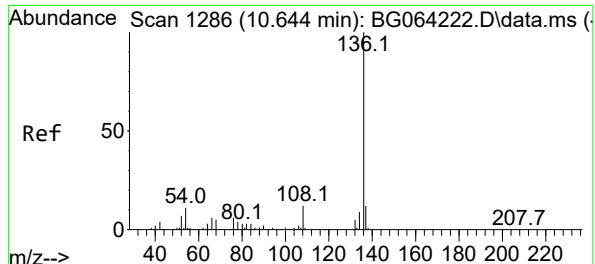
107 100

108 88.1 68.1 108.1

77 35.9 15.9 55.9

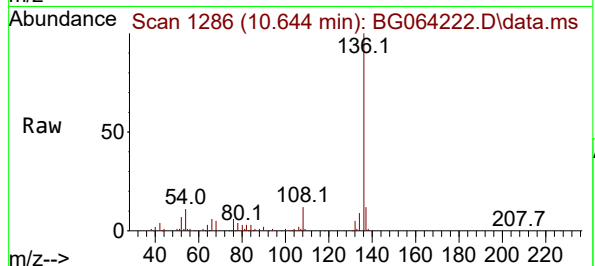
79 36.0 16.0 56.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.644 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

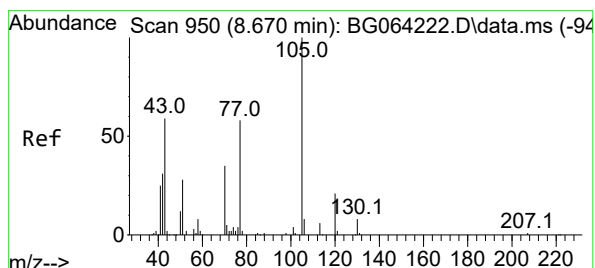
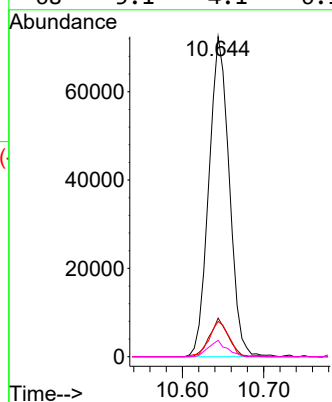
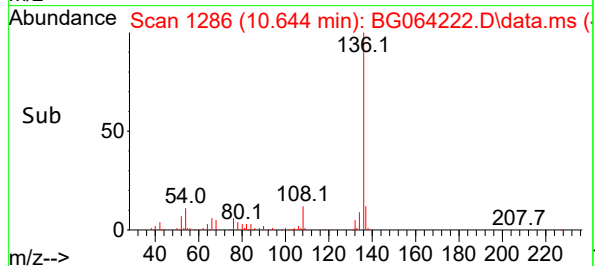
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:136 Resp: 126200
Ion Ratio Lower Upper
136 100
137 12.0 9.6 14.4
54 11.0 8.8 13.2
68 5.1 4.1 6.1

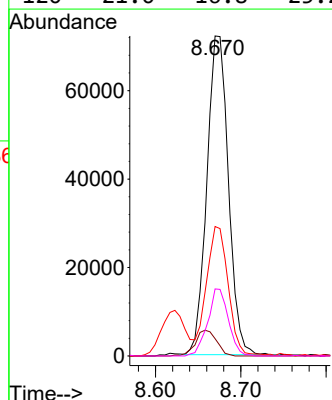
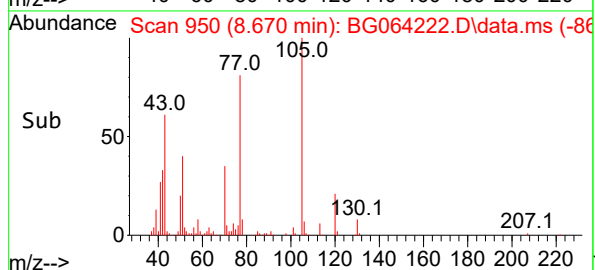
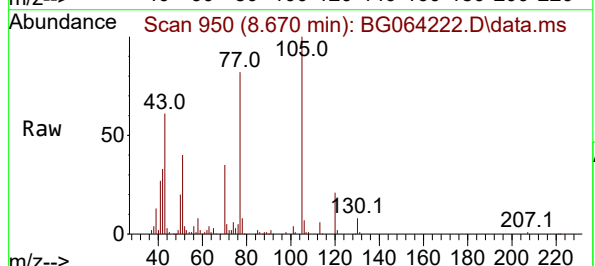
Manual Integrations
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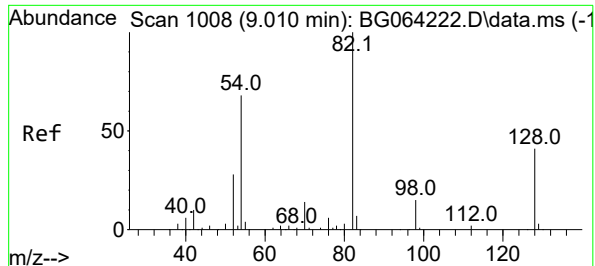
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#22
Acetophenone
Concen: 39.689 ng
RT: 8.670 min Scan# 950
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:105 Resp: 126717
Ion Ratio Lower Upper
105 100
71 5.4 4.3 6.5
51 40.5 32.4 48.6
120 21.0 16.8 25.2





#23

Nitrobenzene-d5

Concen: 81.509 ng

RT: 9.010 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 18444

Ion Ratio Lower Upper

82 100

128 40.7 32.6 48.8

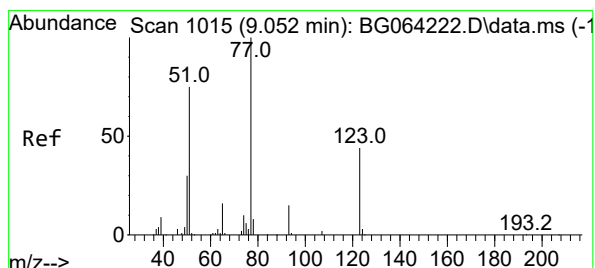
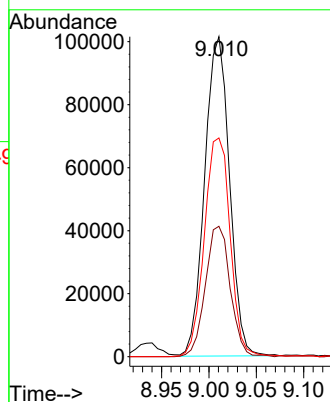
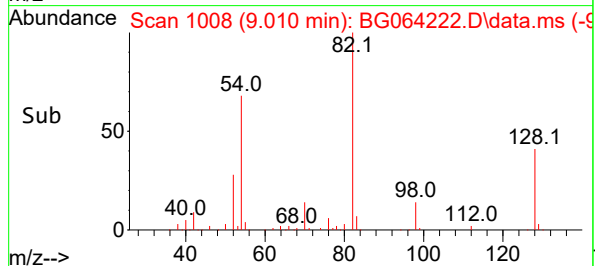
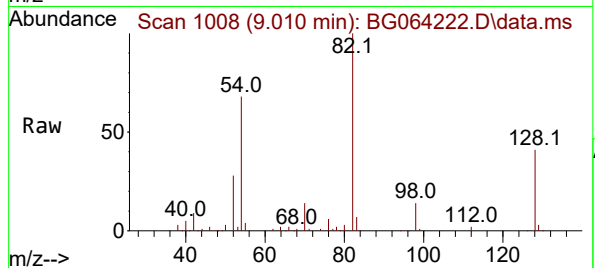
54 68.4 54.7 82.1

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#24

Nitrobenzene

Concen: 41.447 ng

RT: 9.052 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

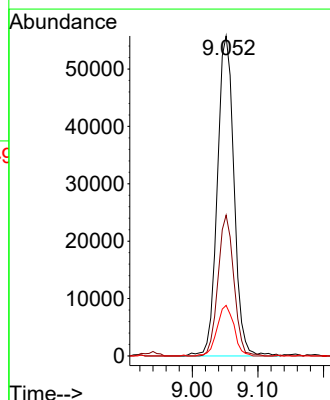
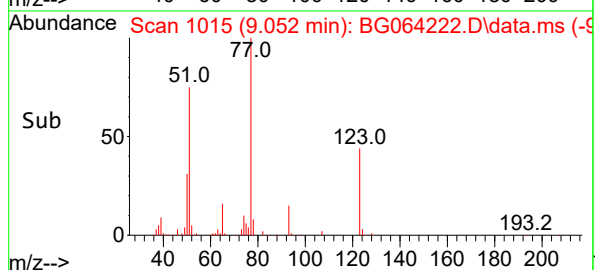
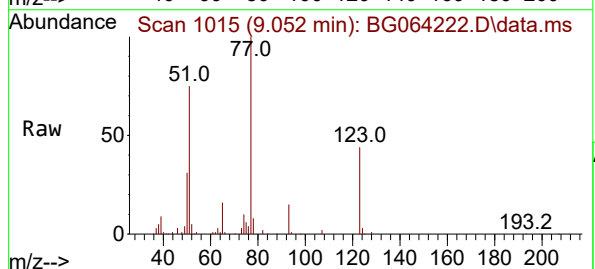
Tgt Ion: 77 Resp: 97991

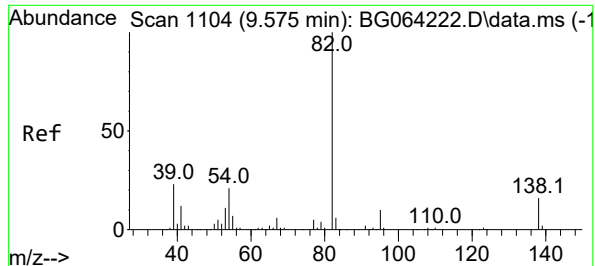
Ion Ratio Lower Upper

77 100

123 44.0 35.2 52.8

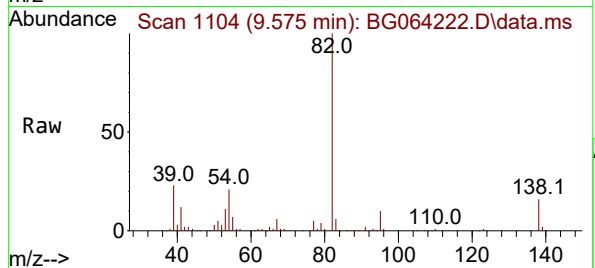
65 15.8 12.6 19.0





#25
Isophorone
Concen: 40.142 ng
RT: 9.575 min Scan# 1104
Delta R.T. -0.012 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

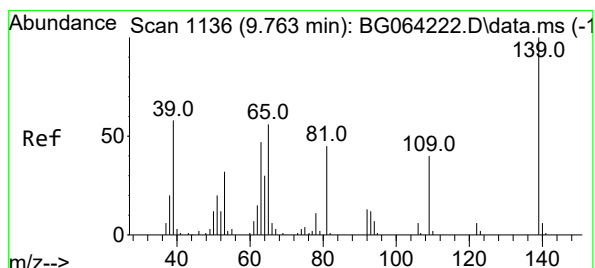
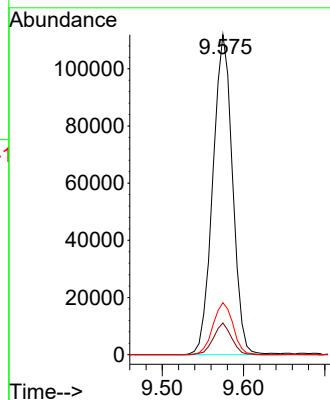
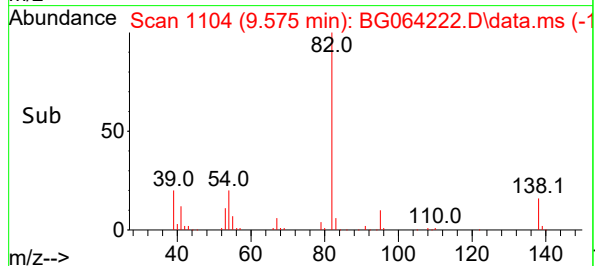
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion: 82 Resp: 188784
Ion Ratio Lower Upper
82 100
95 9.9 7.9 11.9
138 16.2 13.0 19.4

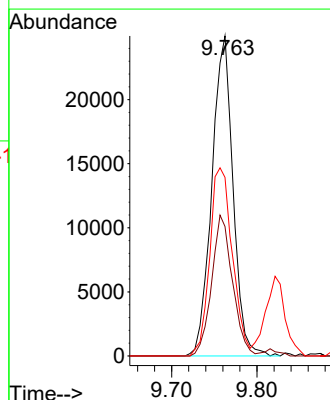
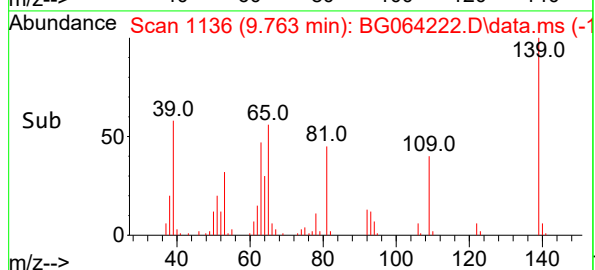
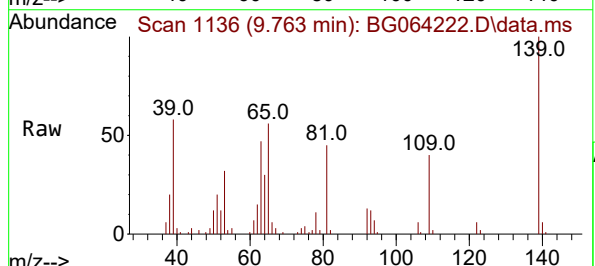
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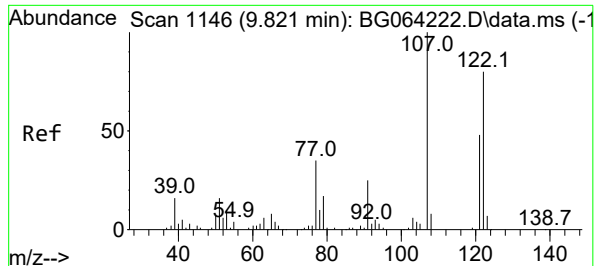
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#26
2-Nitrophenol
Concen: 42.309 ng
RT: 9.763 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:139 Resp: 43222
Ion Ratio Lower Upper
139 100
109 40.5 32.4 48.6
65 55.8 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 41.756 ng

RT: 9.821 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:122 Resp: 7489

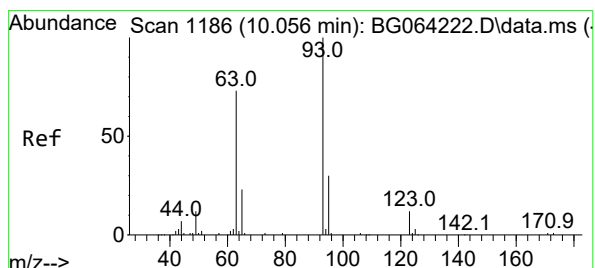
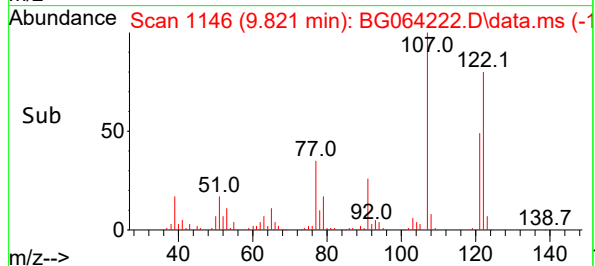
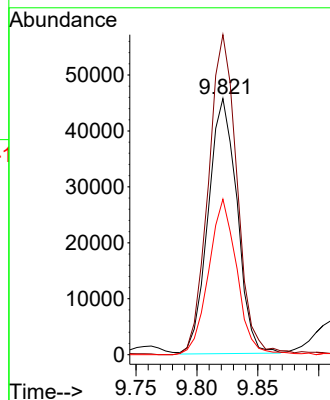
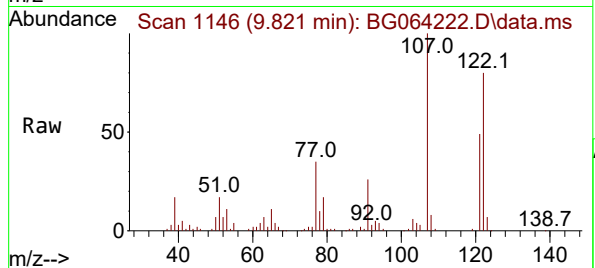
Ion	Ratio	Lower	Upper
122	100		
107	124.9	99.9	149.9
121	60.7	48.6	72.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#28

bis(2-Chloroethoxy)methane

Concen: 41.188 ng

RT: 10.056 min Scan# 1186

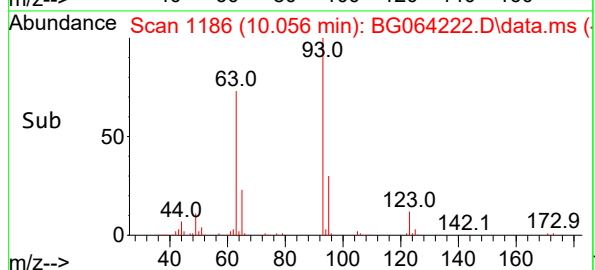
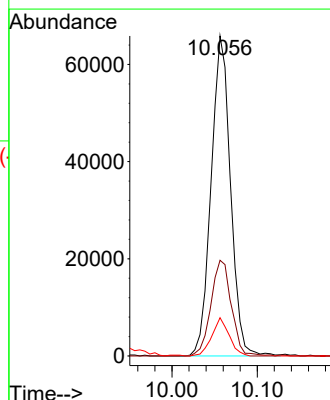
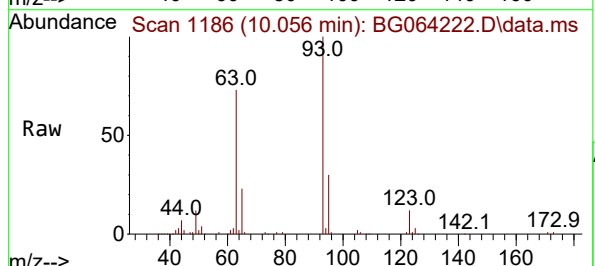
Delta R.T. -0.006 min

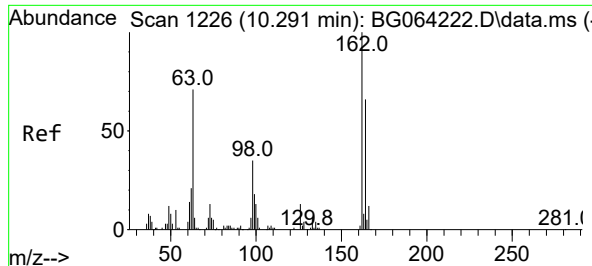
Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

Tgt Ion: 93 Resp: 104447

Ion	Ratio	Lower	Upper
93	100		
95	29.9	23.9	35.9
123	12.0	9.6	14.4





#29

2,4-Dichlorophenol

Concen: 41.290 ng

RT: 10.291 min Scan# 1226

Delta R.T. -0.006 min

Lab File: BG064222.D

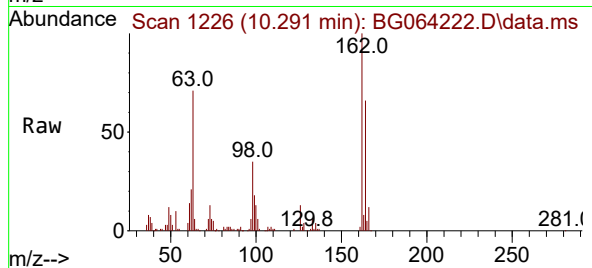
Acq: 28 Aug 2025 13:33

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040



Tgt Ion:162 Resp: 78139

Ion Ratio Lower Upper

162 100

164 65.8 45.8 85.8

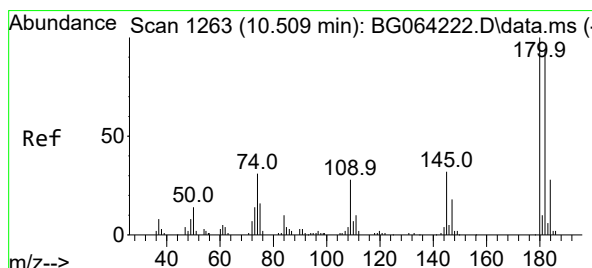
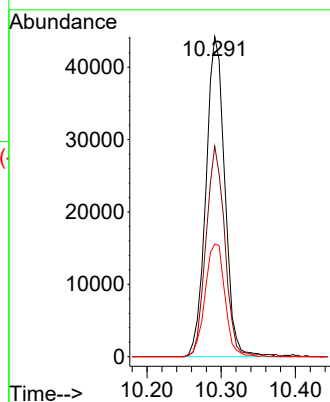
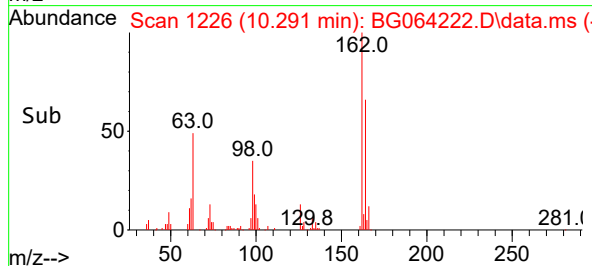
98 35.2 15.2 55.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#30

1,2,4-Trichlorobenzene

Concen: 40.344 ng

RT: 10.509 min Scan# 1263

Delta R.T. -0.000 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

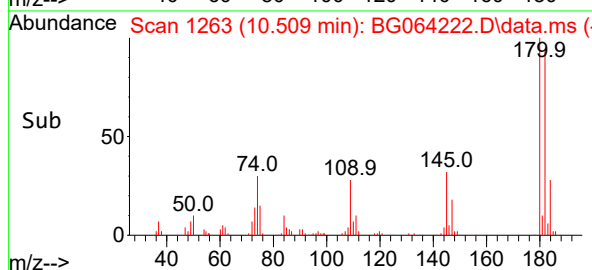
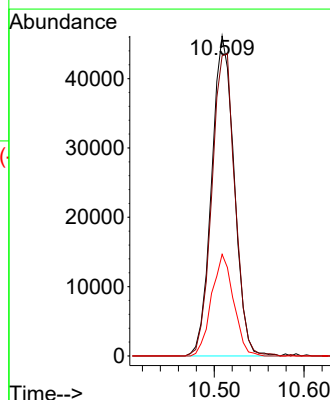
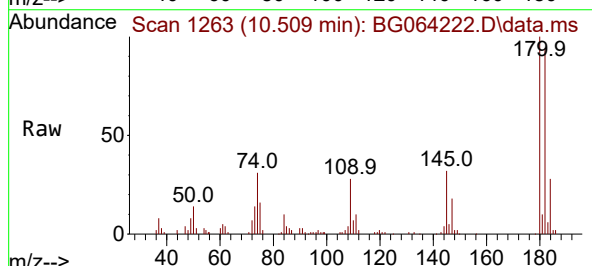
Tgt Ion:180 Resp: 80502

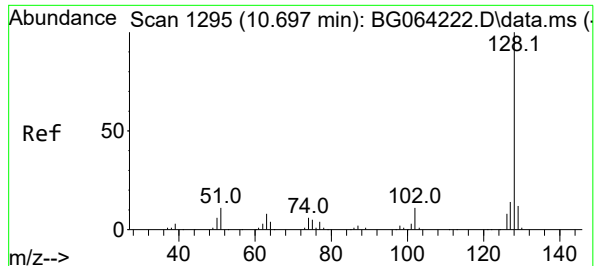
Ion Ratio Lower Upper

180 100

182 93.8 75.0 112.6

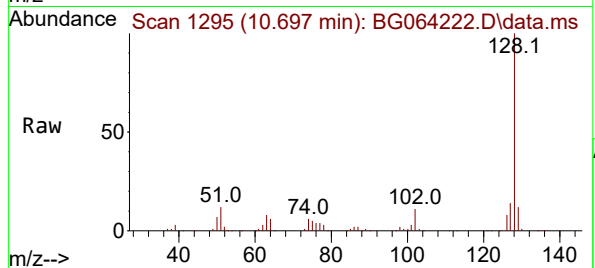
145 31.7 25.4 38.0





#31
Naphthalene
Concen: 39.944 ng
RT: 10.697 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

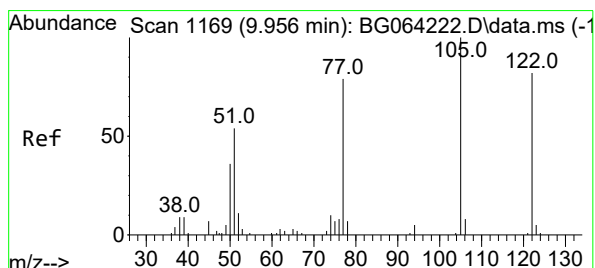
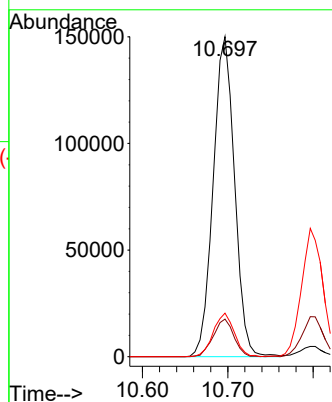
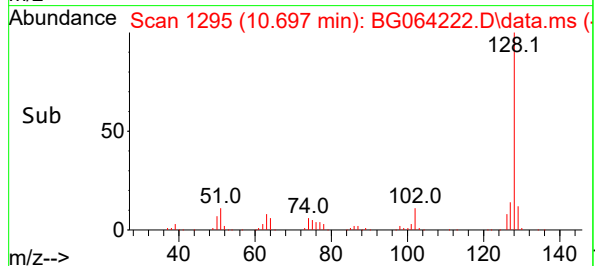
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:128 Resp: 261400
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.2
127 13.6 10.9 16.3

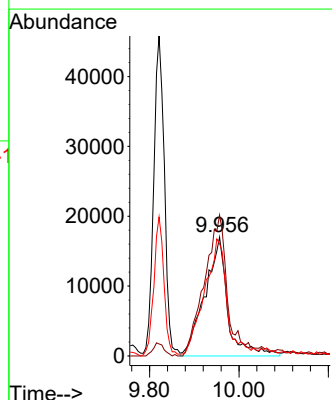
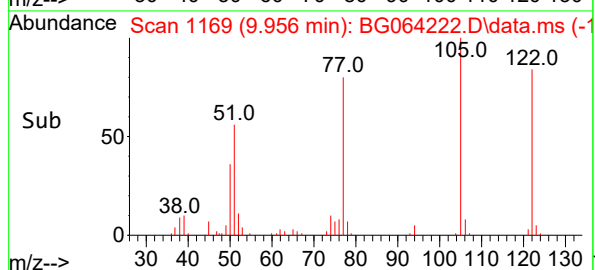
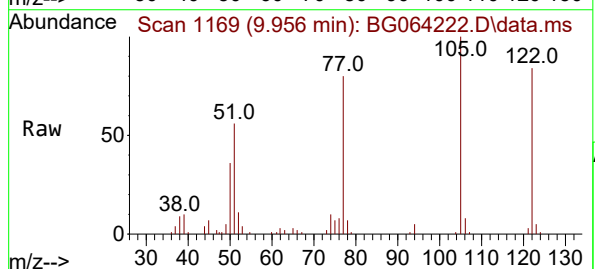
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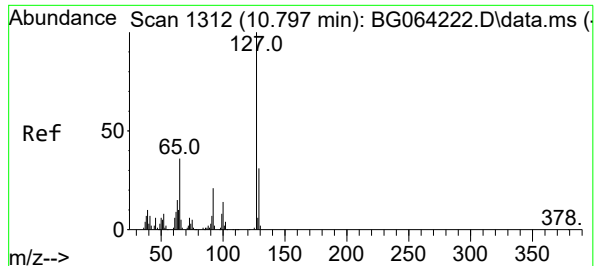
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#32
Benzoic acid
Concen: 42.471 ng m
RT: 9.956 min Scan# 1169
Delta R.T. -0.059 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

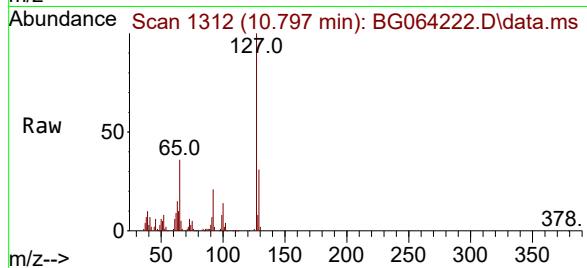
Tgt Ion:122 Resp: 60467
Ion Ratio Lower Upper
122 100
105 118.5 98.5 138.5
77 94.6 74.6 114.6





#33
4-Chloroaniline
Concen: 41.854 ng
RT: 10.797 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

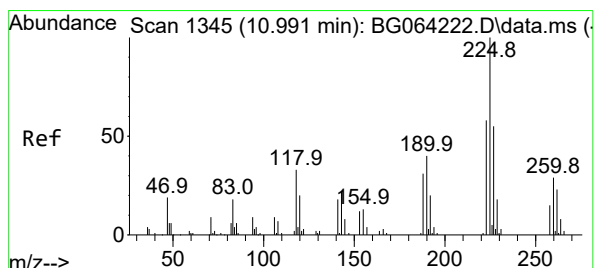
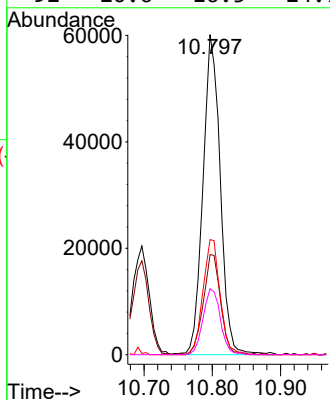
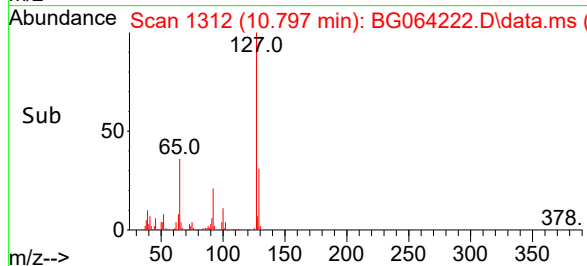
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



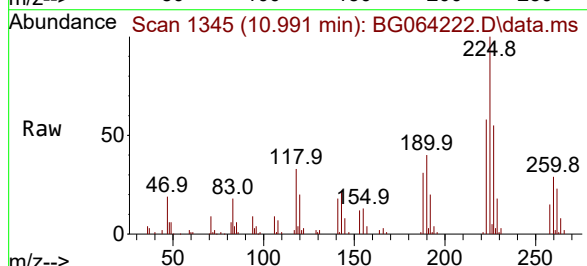
Tgt Ion:127 Resp: 10615
Ion Ratio Lower Upper
127 100
129 31.2 25.0 37.4
65 35.9 28.7 43.1
92 20.6 16.5 24.7

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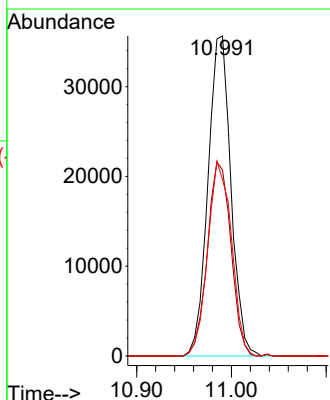
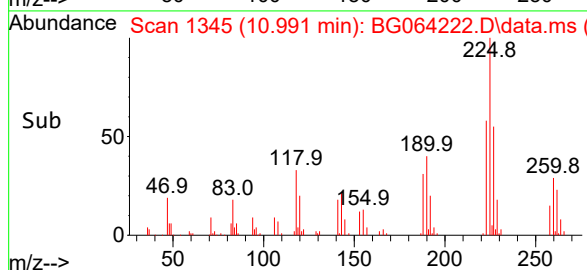
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

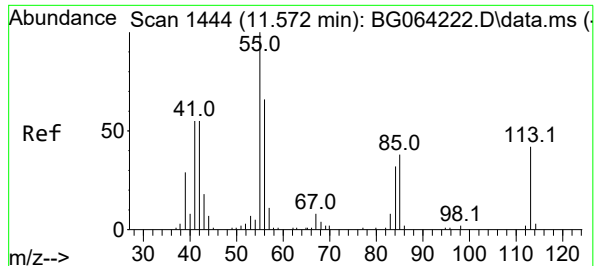


#34
Hexachlorobutadiene
Concen: 40.612 ng
RT: 10.991 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33



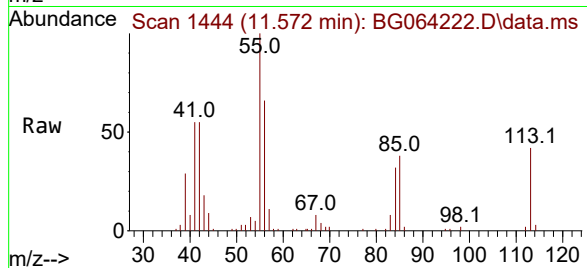
Tgt Ion:225 Resp: 59902
Ion Ratio Lower Upper
225 100
223 58.1 46.5 69.7
227 55.1 44.1 66.1





#35
Caprolactam
Concen: 42.513 ng
RT: 11.572 min Scan# 1444
Delta R.T. -0.030 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

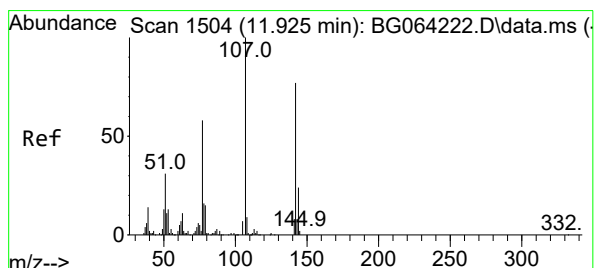
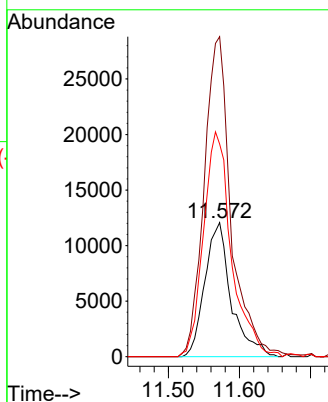
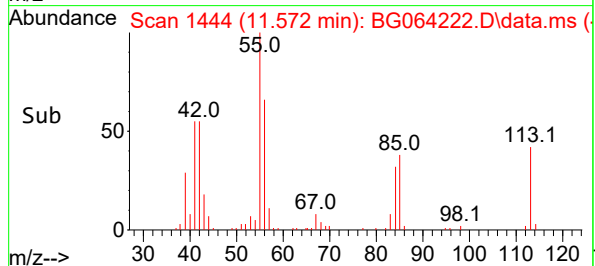
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:113 Resp: 31152
Ion Ratio Lower Upper
113 100
55 238.5 218.5 258.5
56 158.5 138.5 178.5

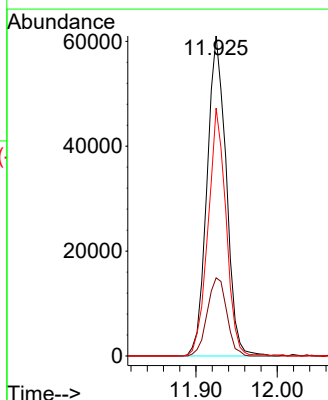
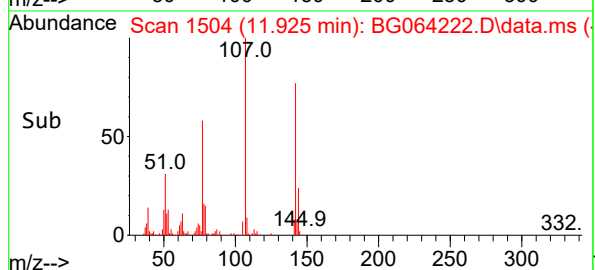
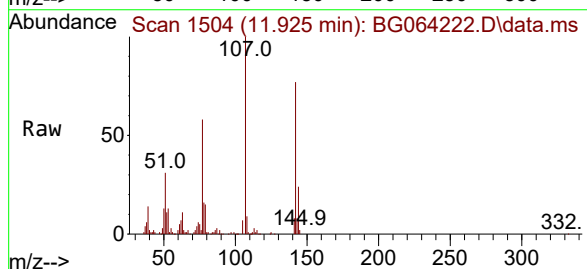
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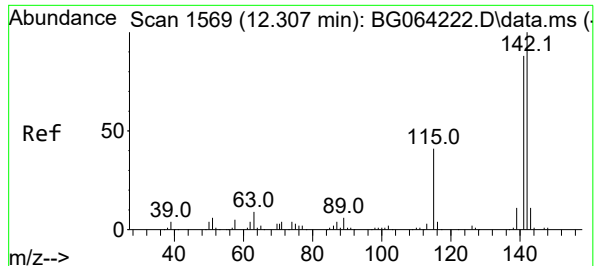
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#36
4-Chloro-3-methylphenol
Concen: 40.634 ng
RT: 11.925 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

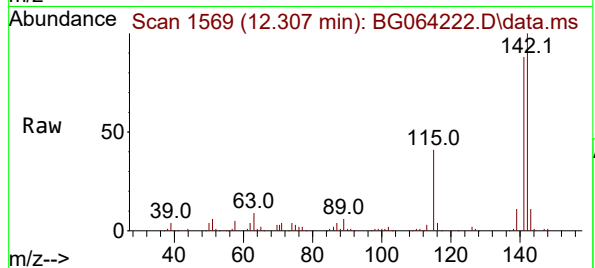
Tgt Ion:107 Resp: 99772
Ion Ratio Lower Upper
107 100
144 24.4 19.5 29.3
142 77.5 62.0 93.0





#37
2-Methylnaphthalene
Concen: 40.881 ng
RT: 12.307 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

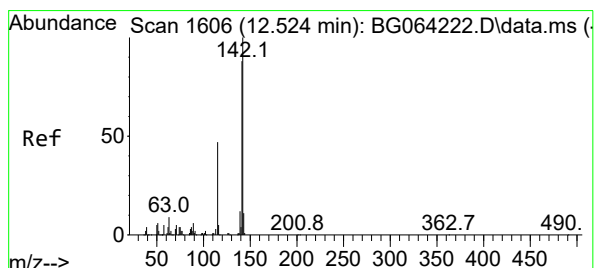
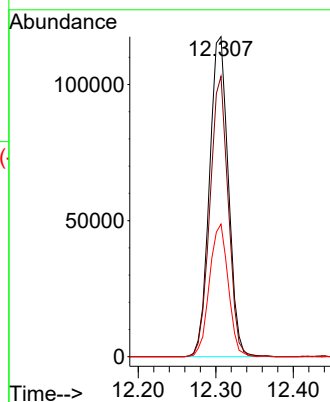
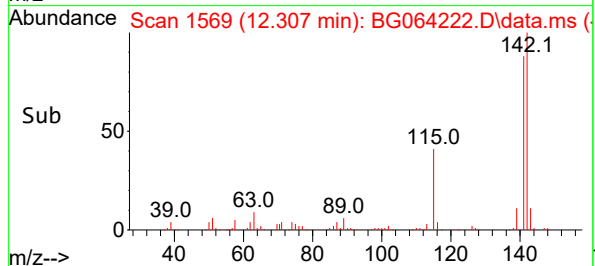
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:142 Resp: 19885
Ion Ratio Lower Upper
142 100
141 87.6 70.1 105.1
115 41.4 33.1 49.7

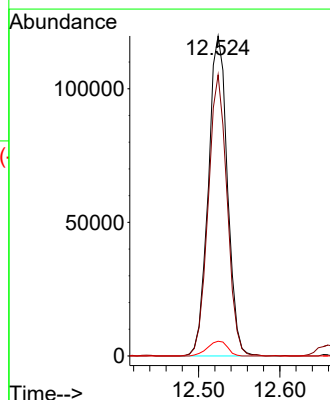
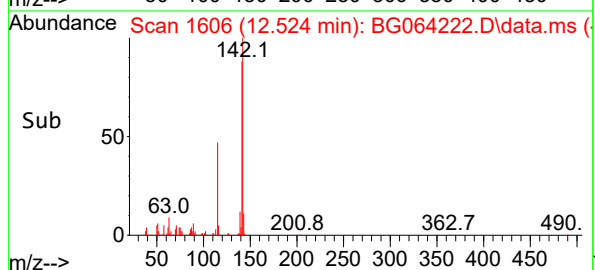
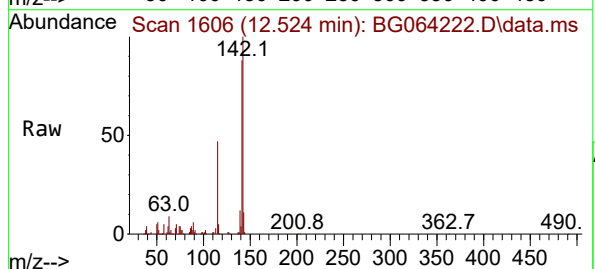
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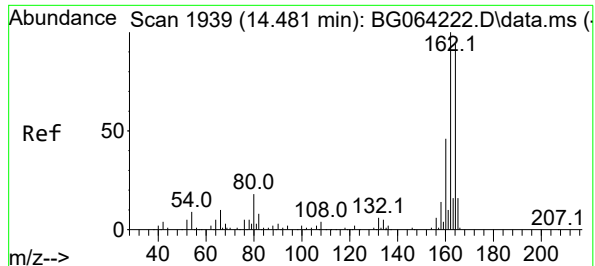
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#38
1-Methylnaphthalene
Concen: 40.750 ng
RT: 12.524 min Scan# 1606
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:142 Resp: 195785
Ion Ratio Lower Upper
142 100
141 87.9 70.3 105.5
116 4.6 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.481 min Scan# 1939

Delta R.T. -0.000 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:164 Resp: 9006

Ion Ratio Lower Upper

164 100

162 106.7 85.4 128.0

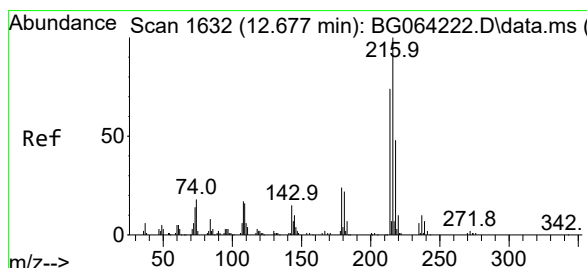
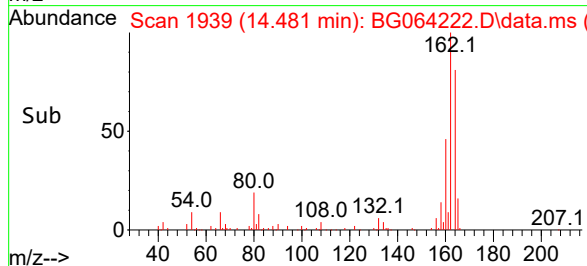
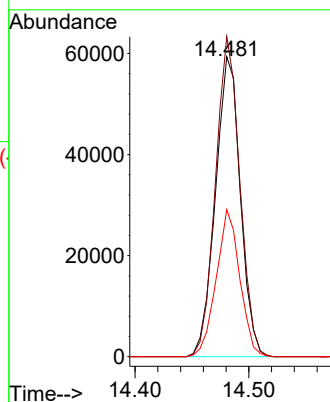
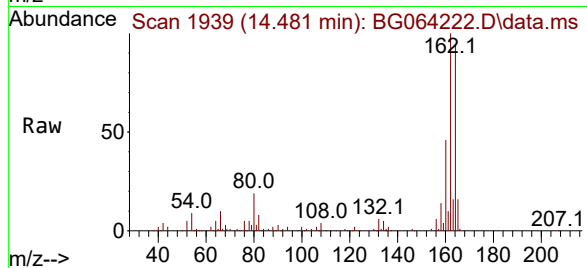
160 49.0 39.2 58.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.372 ng

RT: 12.677 min Scan# 1632

Delta R.T. -0.000 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

Tgt Ion:216 Resp: 104909

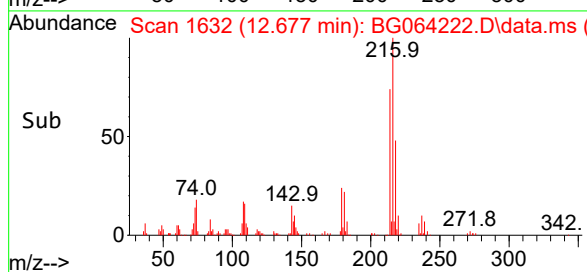
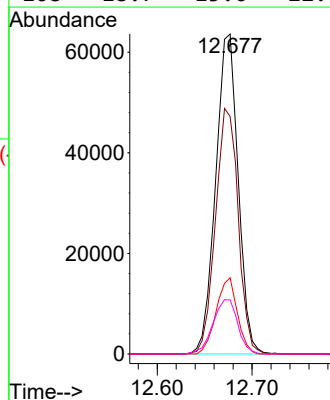
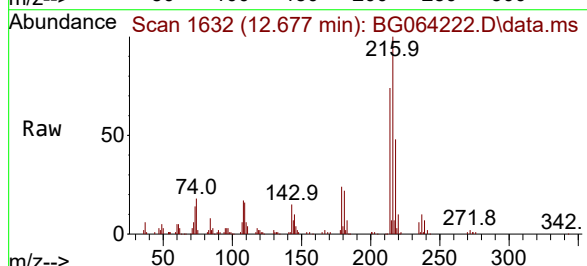
Ion Ratio Lower Upper

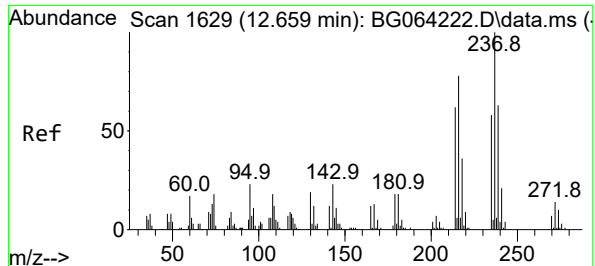
216 100

214 77.4 61.9 92.9

179 22.4 17.9 26.9

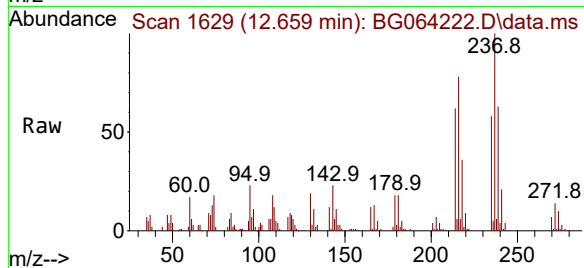
108 18.7 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 40.092 ng
RT: 12.659 min Scan# 1629
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

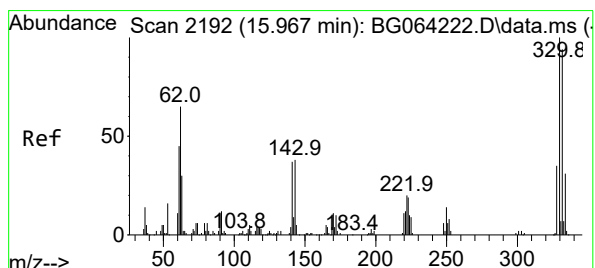
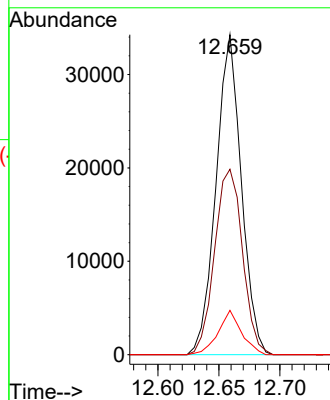
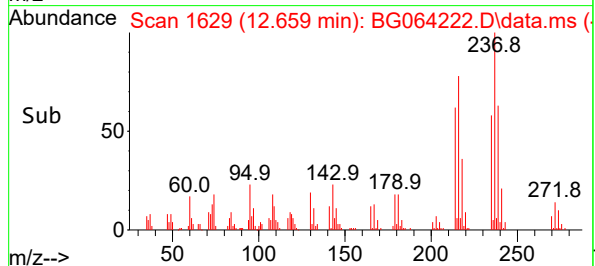
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



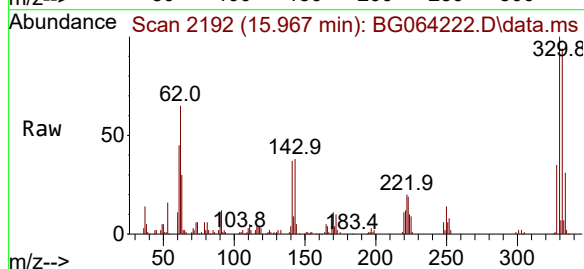
Tgt Ion:237 Resp: 49514
Ion Ratio Lower Upper
237 100
235 57.9 37.9 77.9
272 13.8 0.0 33.8

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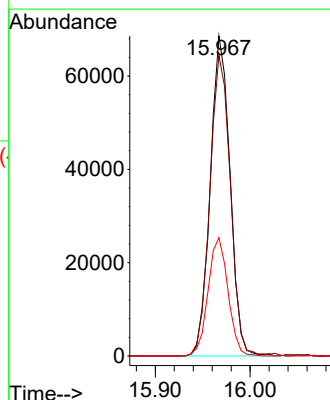
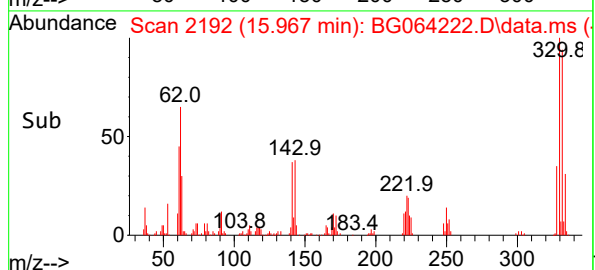
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

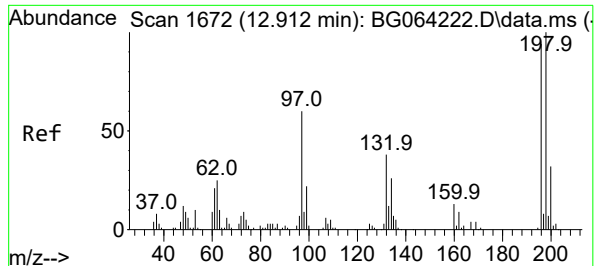


#42
2,4,6-Tribromophenol
Concen: 83.399 ng
RT: 15.967 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33



Tgt Ion:330 Resp: 99487
Ion Ratio Lower Upper
330 100
332 97.0 77.6 116.4
141 37.2 29.8 44.6





#43

2,4,6-Trichlorophenol

Concen: 41.108 ng

RT: 12.912 min Scan# 1672

Delta R.T. -0.000 min

Lab File: BG064222.D

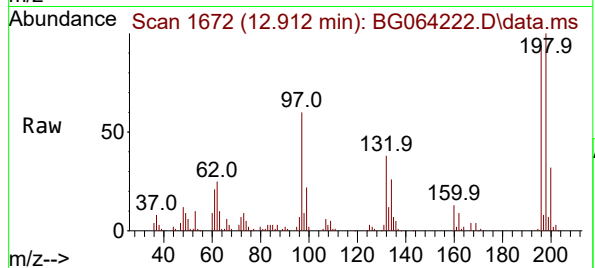
Acq: 28 Aug 2025 13:33

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040



Tgt Ion:196 Resp: 71398

Ion Ratio Lower Upper

196 100

198 106.8 85.4 128.2

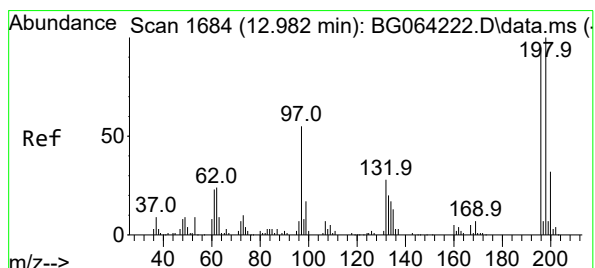
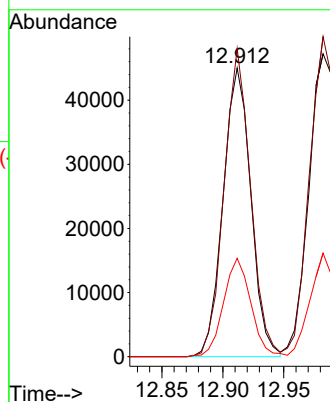
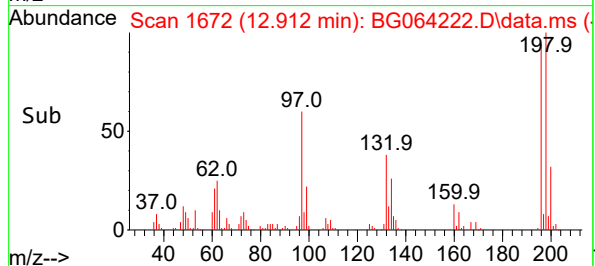
200 34.1 27.3 40.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#44

2,4,5-Trichlorophenol

Concen: 41.387 ng

RT: 12.982 min Scan# 1684

Delta R.T. -0.006 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

Tgt Ion:196 Resp: 77976

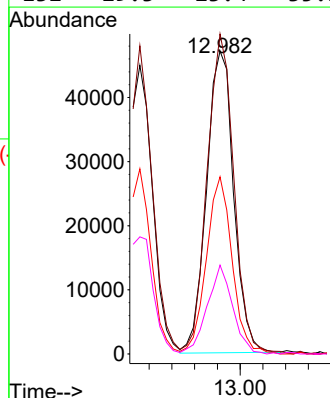
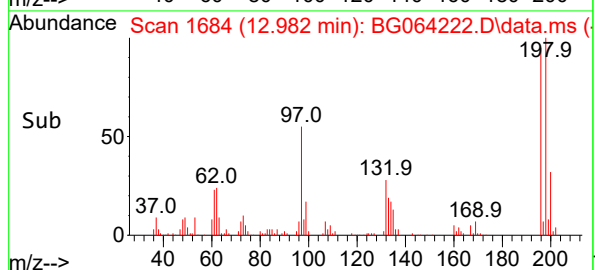
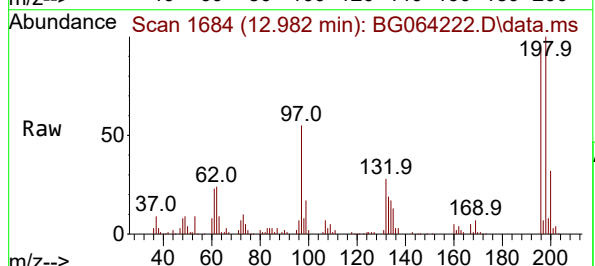
Ion Ratio Lower Upper

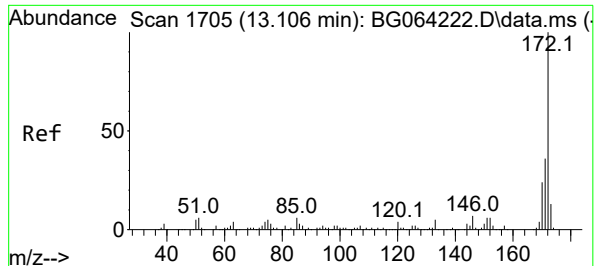
196 100

198 105.6 84.5 126.7

97 58.5 46.8 70.2

132 29.3 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 81.088 ng

RT: 13.106 min Scan# 1705

Delta R.T. -0.006 min

Lab File: BG064222.D

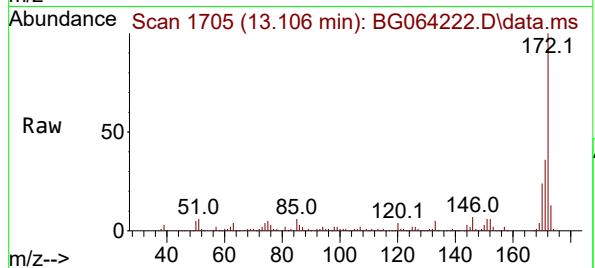
Acq: 28 Aug 2025 13:33

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040



Tgt Ion:172 Resp: 478450

Ion Ratio Lower Upper

172 100

171 35.9 28.7 43.1

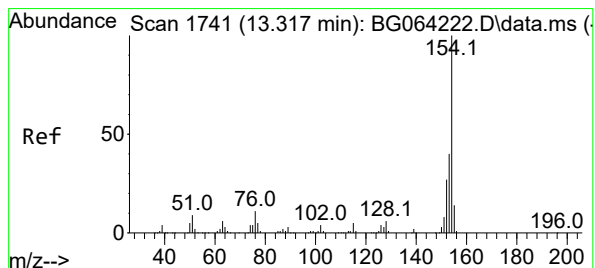
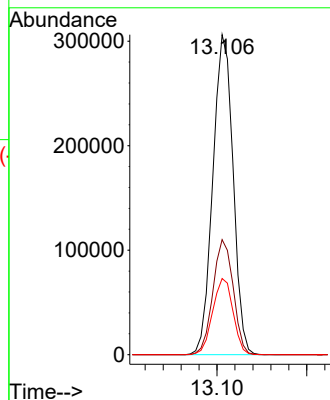
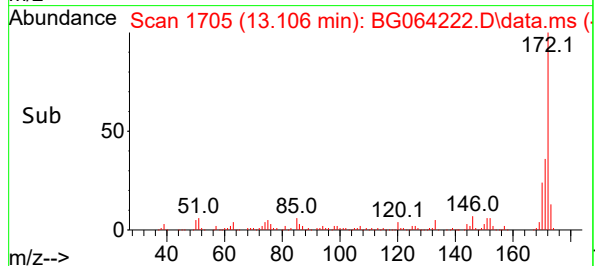
170 23.8 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#46

1,1'-Biphenyl

Concen: 41.038 ng

RT: 13.317 min Scan# 1741

Delta R.T. -0.000 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

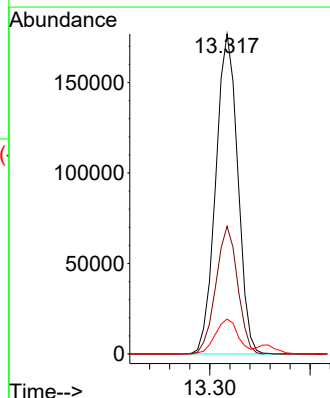
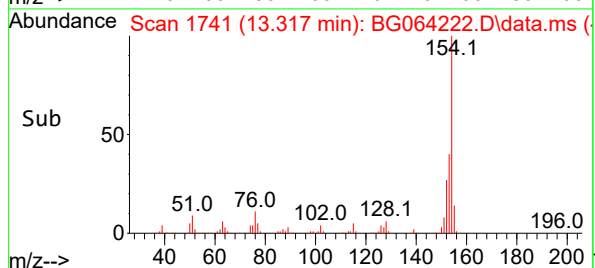
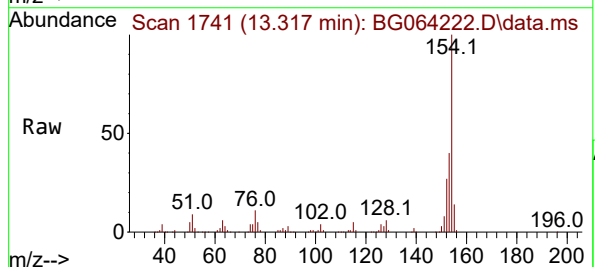
Tgt Ion:154 Resp: 269191

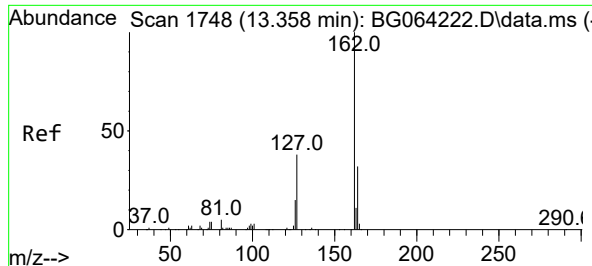
Ion Ratio Lower Upper

154 100

153 39.9 19.9 59.9

76 10.9 0.0 30.9





#47

2-Chloronaphthalene

Concen: 40.640 ng

RT: 13.358 min Scan# 1748

Delta R.T. -0.000 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:162 Resp: 20041

Ion Ratio Lower Upper

162 100

127 42.4 33.9 50.9

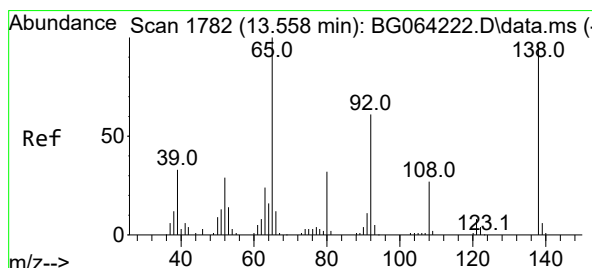
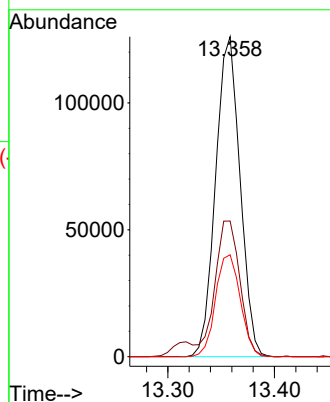
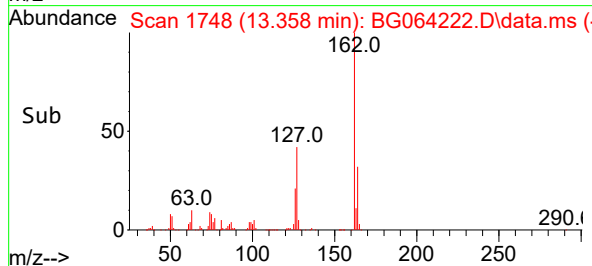
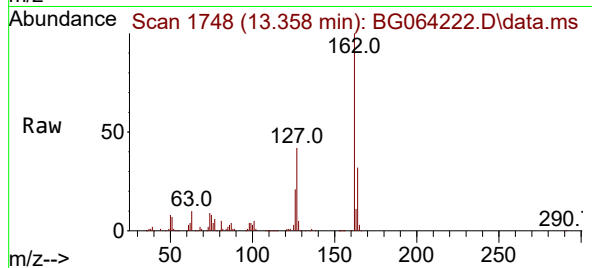
164 31.8 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#48

2-Nitroaniline

Concen: 43.916 ng

RT: 13.558 min Scan# 1782

Delta R.T. -0.006 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

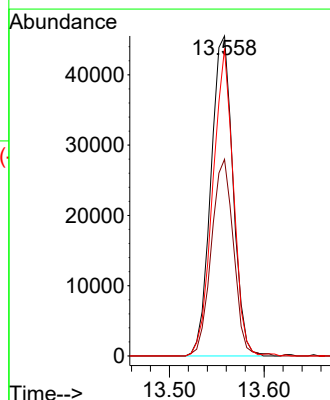
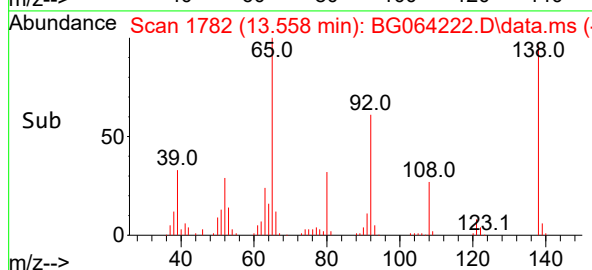
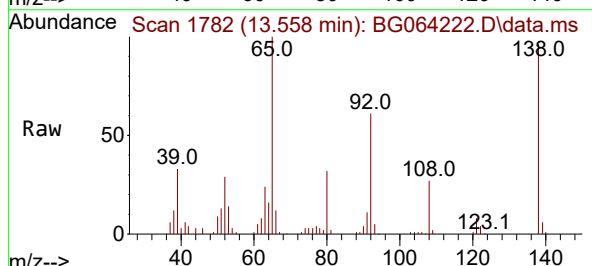
Tgt Ion: 65 Resp: 73815

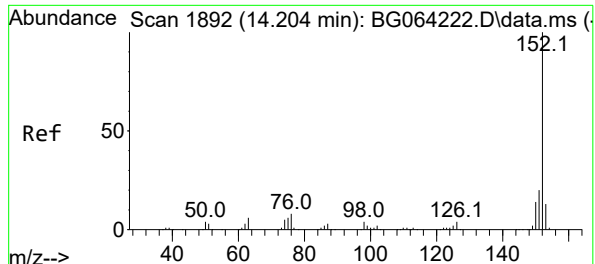
Ion Ratio Lower Upper

65 100

92 61.5 49.2 73.8

138 96.0 76.8 115.2





#49

Acenaphthylene

Concen: 41.396 ng

RT: 14.204 min Scan# 1892

Delta R.T. -0.000 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:152 Resp: 30177

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

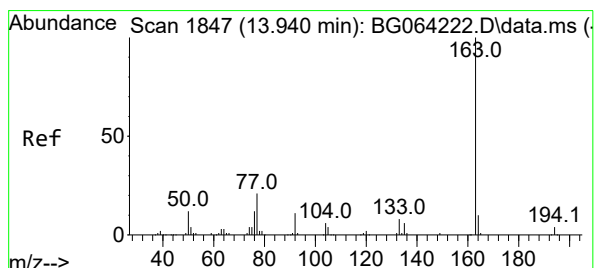
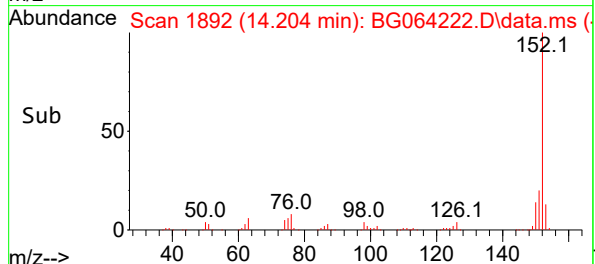
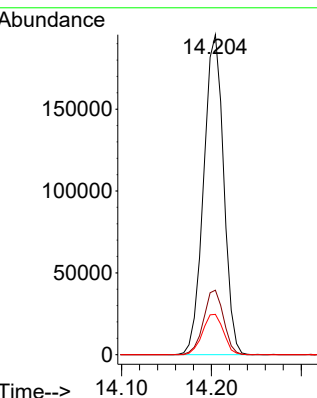
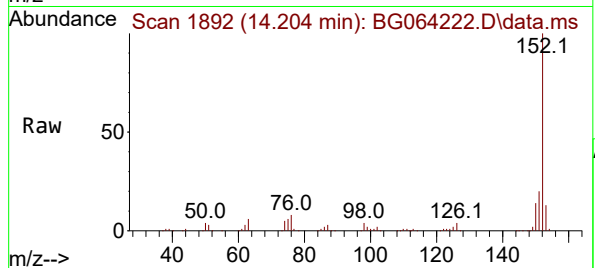
153 12.6 10.1 15.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#50

Dimethylphthalate

Concen: 41.075 ng

RT: 13.940 min Scan# 1847

Delta R.T. -0.006 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

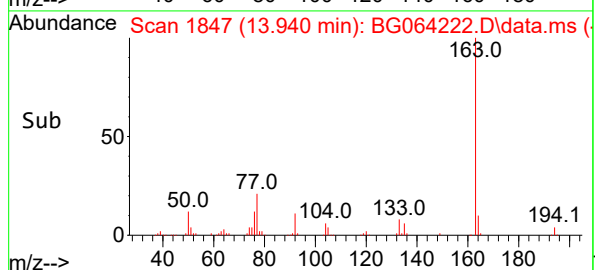
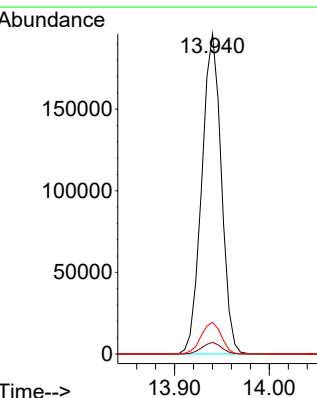
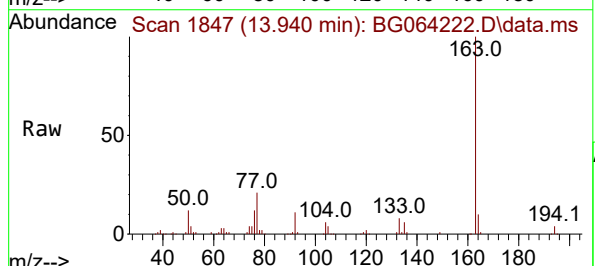
Tgt Ion:163 Resp: 280002

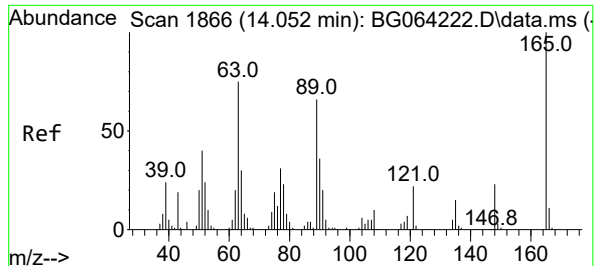
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

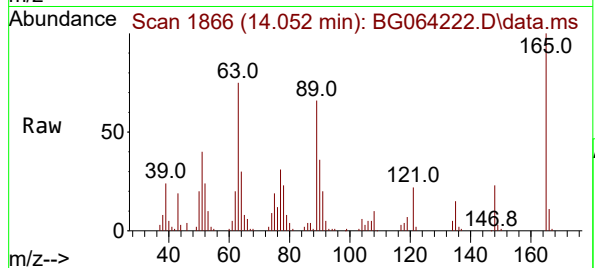
164 9.9 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 43.975 ng
RT: 14.052 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

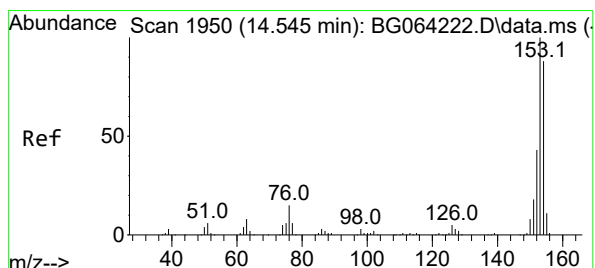
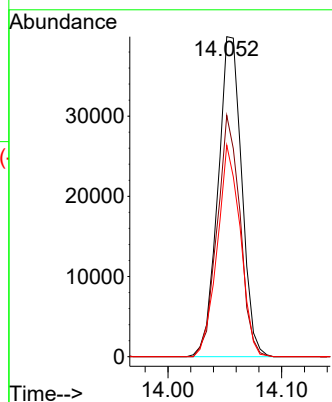
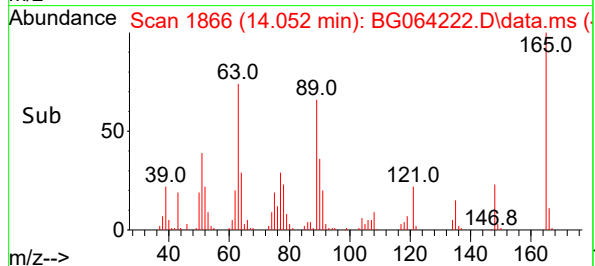
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:165 Resp: 58034
Ion Ratio Lower Upper
165 100
63 75.4 60.3 90.5
89 66.1 52.9 79.3

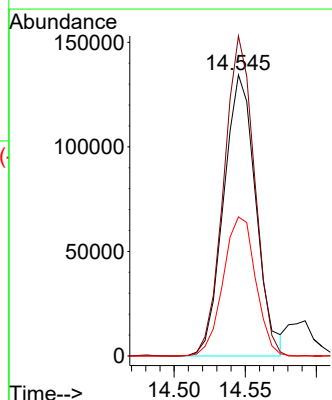
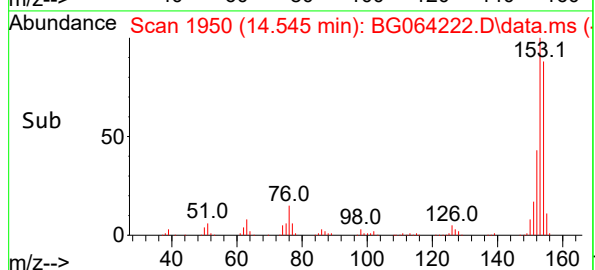
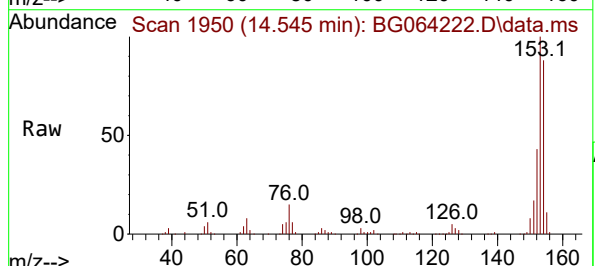
Manual Integrations
APPROVED

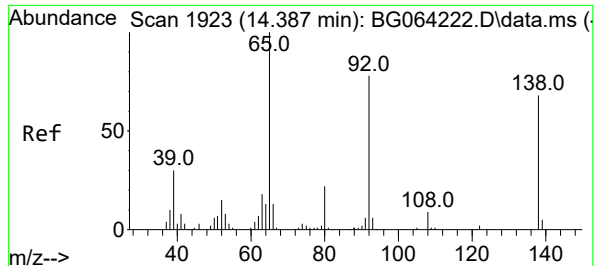
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#52
Acenaphthene
Concen: 41.230 ng
RT: 14.545 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

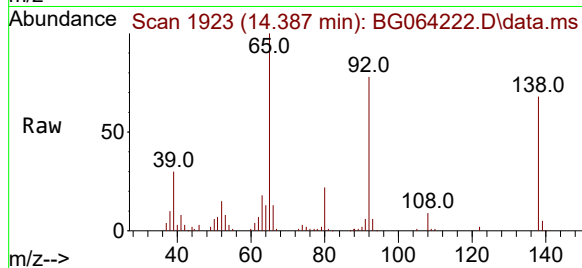
Tgt Ion:154 Resp: 212105
Ion Ratio Lower Upper
154 100
153 113.9 91.1 136.7
152 49.5 39.6 59.4





#53
3-Nitroaniline
Concen: 43.085 ng
RT: 14.387 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

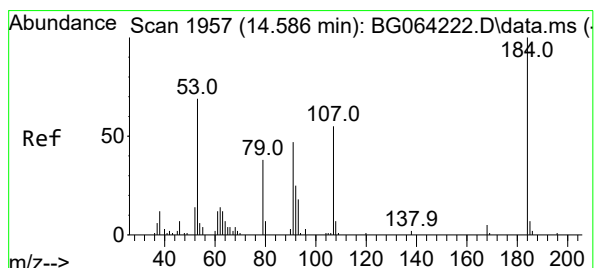
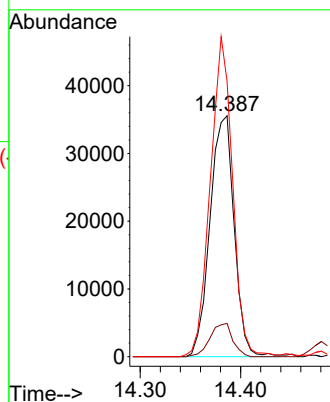
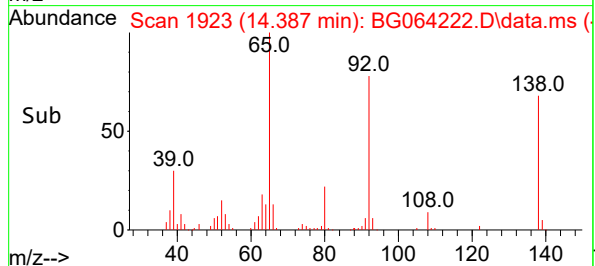
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:138 Resp: 59560
Ion Ratio Lower Upper
138 100
108 13.8 11.0 16.6
92 114.2 91.4 137.0

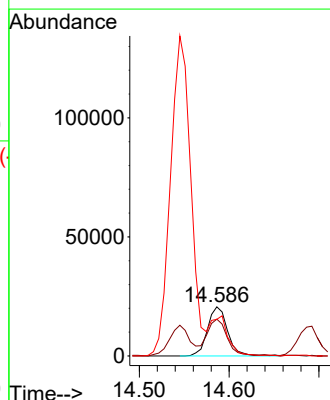
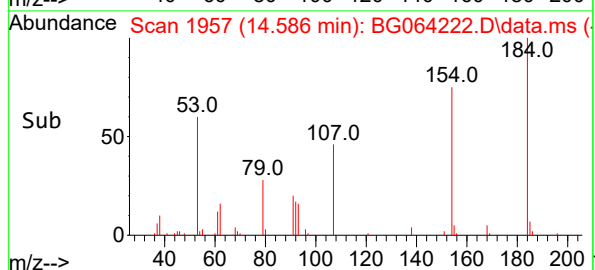
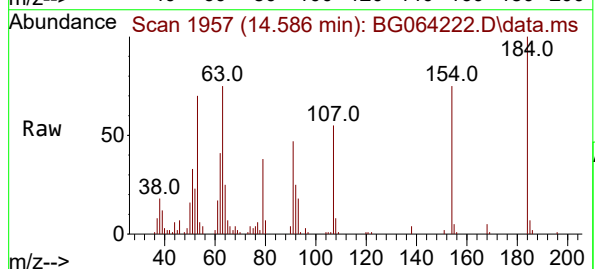
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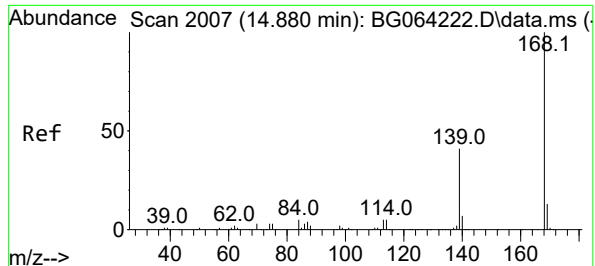
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#54
2,4-Dinitrophenol
Concen: 40.231 ng
RT: 14.586 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

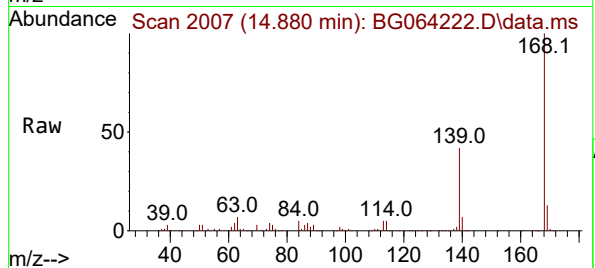
Tgt Ion:184 Resp: 32082
Ion Ratio Lower Upper
184 100
63 75.1 60.1 90.1
154 74.8 59.8 89.8





#55
Dibenzenofuran
Concen: 40.802 ng
RT: 14.880 min Scan# 2007
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

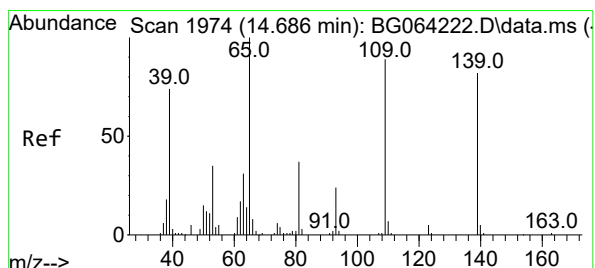
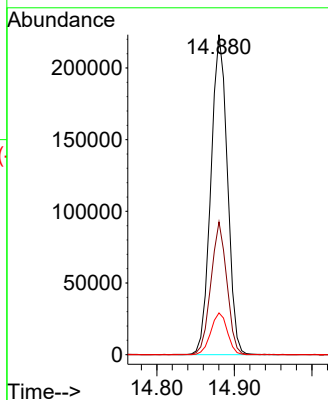
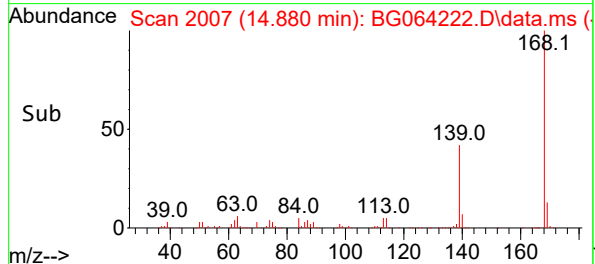
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:168 Resp: 33016
Ion Ratio Lower Upper
168 100
139 41.5 33.2 49.8
169 13.0 10.4 15.6

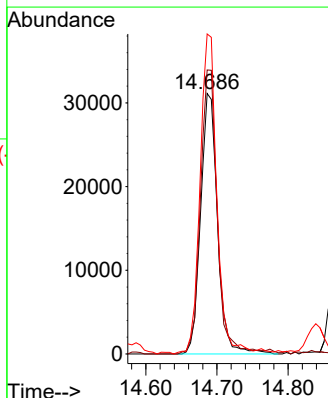
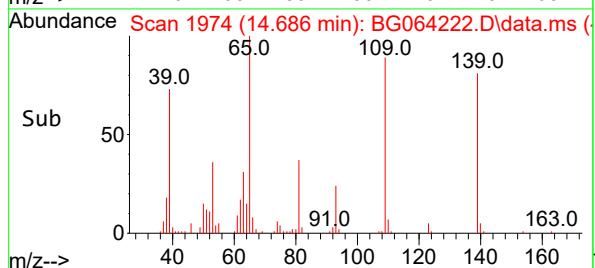
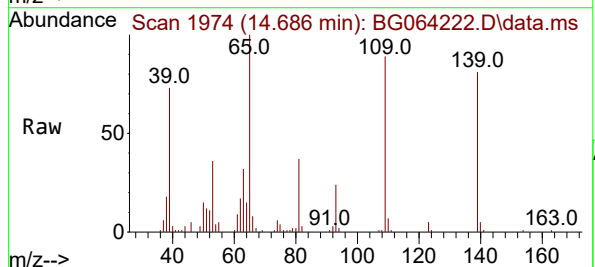
Manual Integrations
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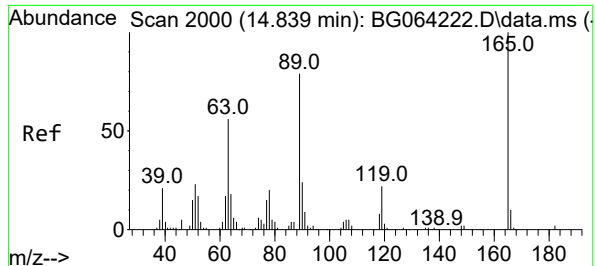
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#56
4-Nitrophenol
Concen: 45.484 ng
RT: 14.686 min Scan# 1974
Delta R.T. -0.012 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

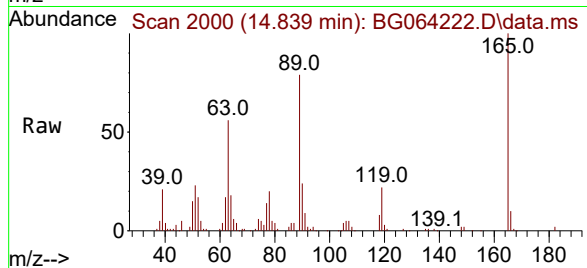
Tgt Ion:139 Resp: 51577
Ion Ratio Lower Upper
139 100
109 109.1 89.1 129.1
65 122.9 102.9 142.9





#57
2,4-Dinitrotoluene
Concen: 43.705 ng
RT: 14.839 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

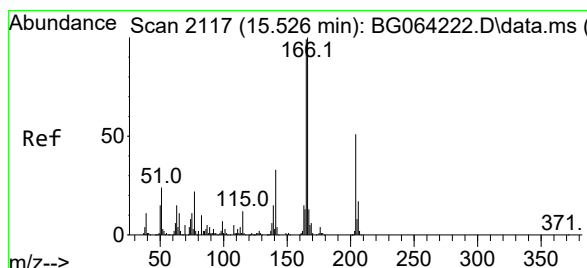
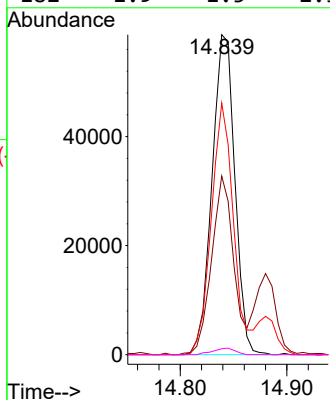
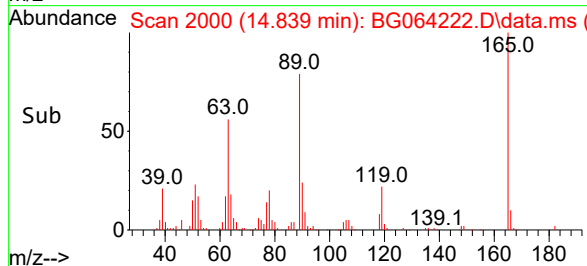
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:165 Resp: 87210
Ion Ratio Lower Upper
165 100
63 55.8 44.6 67.0
89 78.7 63.0 94.4
182 1.9 1.5 2.3

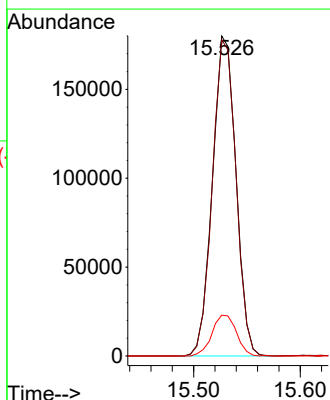
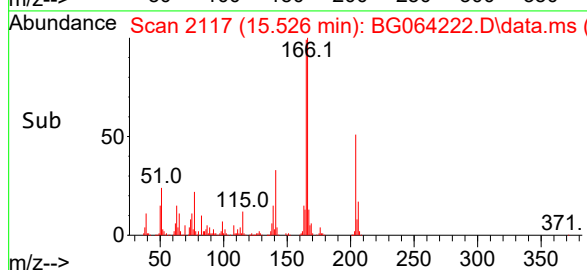
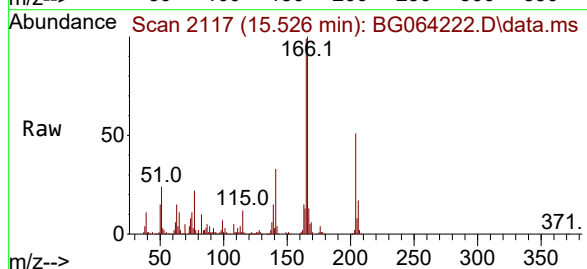
Manual Integrations
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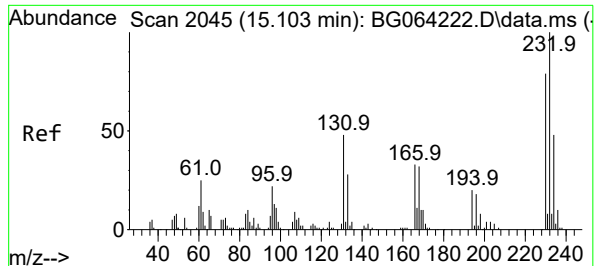
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#58
Fluorene
Concen: 41.523 ng
RT: 15.526 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

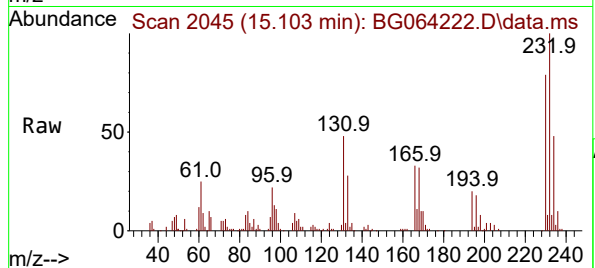
Tgt Ion:166 Resp: 275394
Ion Ratio Lower Upper
166 100
165 98.9 79.1 118.7
167 12.8 10.2 15.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.637 ng
RT: 15.103 min Scan# 2045
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

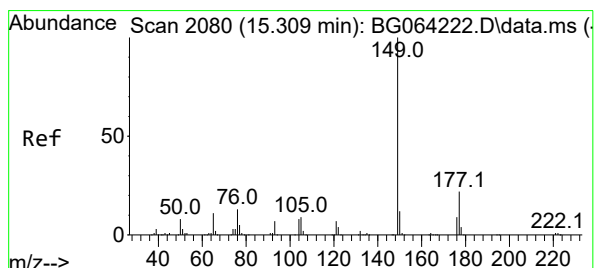
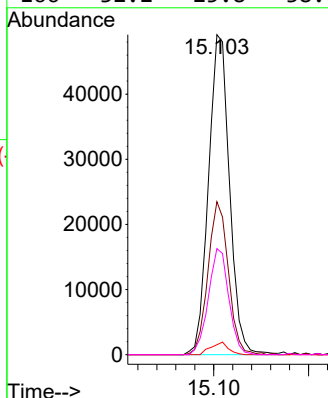
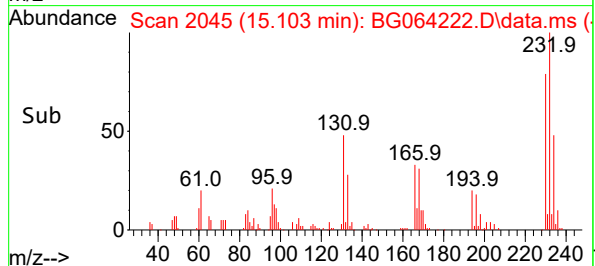
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:232 Resp: 75450
Ion Ratio Lower Upper
232 100
131 46.4 37.1 55.7
130 3.2 2.6 3.8
166 32.2 25.8 38.6

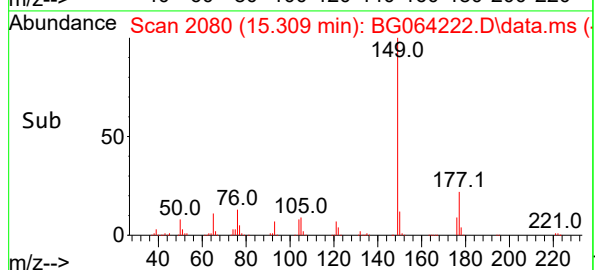
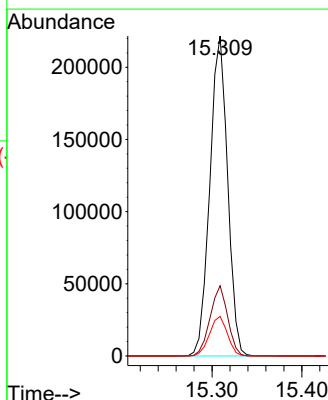
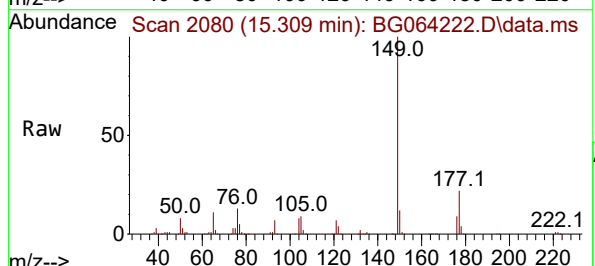
Manual Integrations
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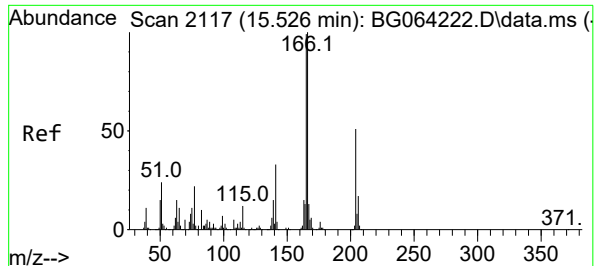
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#60
Diethylphthalate
Concen: 41.681 ng
RT: 15.309 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

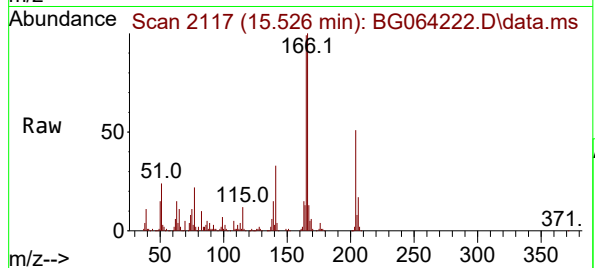
Tgt Ion:149 Resp: 304086
Ion Ratio Lower Upper
149 100
177 21.9 17.5 26.3
150 12.4 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 41.127 ng
RT: 15.526 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

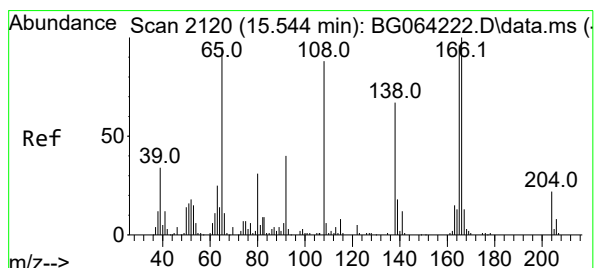
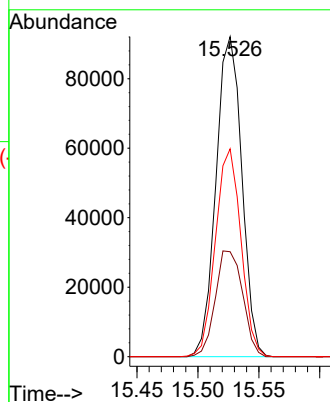
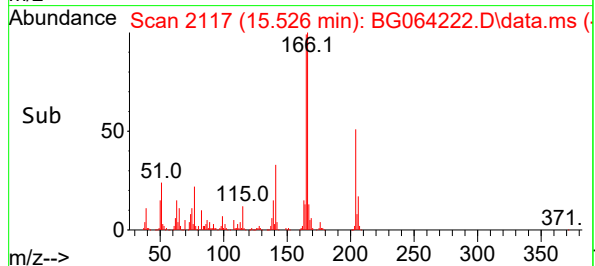
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:204 Resp: 135998
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.4
141 64.9 51.9 77.9

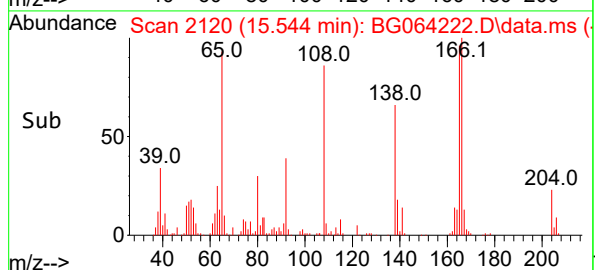
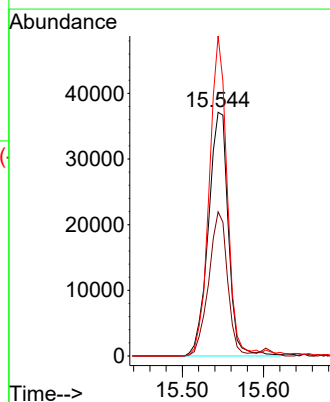
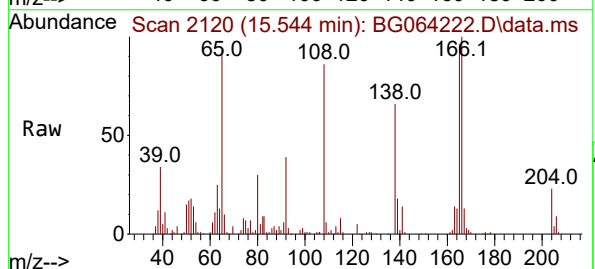
Manual Integrations
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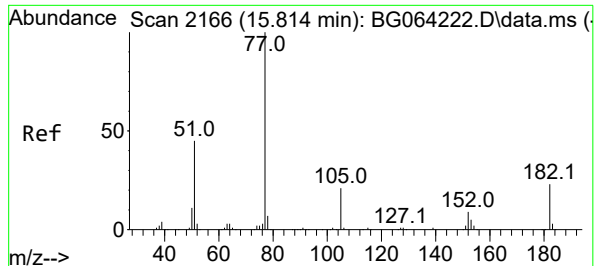
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#62
4-Nitroaniline
Concen: 44.865 ng
RT: 15.544 min Scan# 2120
Delta R.T. -0.012 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

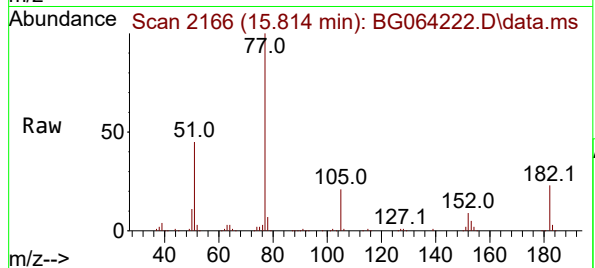
Tgt Ion:138 Resp: 63286
Ion Ratio Lower Upper
138 100
92 59.1 39.1 79.1
108 131.3 111.3 151.3





#63
Azobenzene
Concen: 41.635 ng
RT: 15.814 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

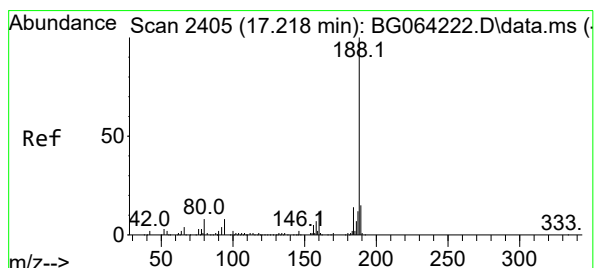
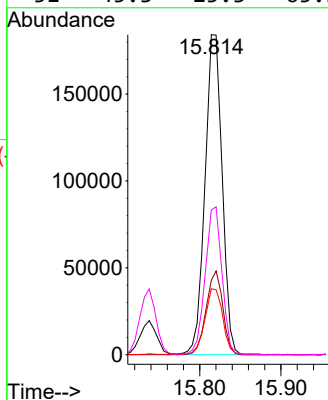
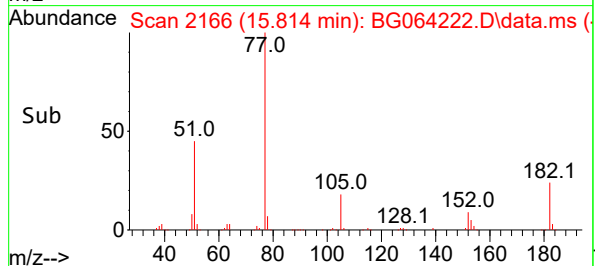
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



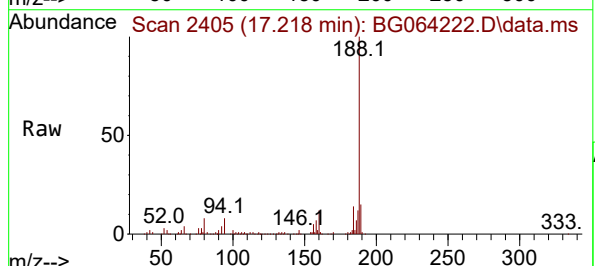
Tgt Ion: 77 Resp: 270729
Ion Ratio Lower Upper
77 100
182 23.3 3.3 43.3
105 20.6 0.6 40.6
51 45.3 25.3 65.3

Manual Integrations
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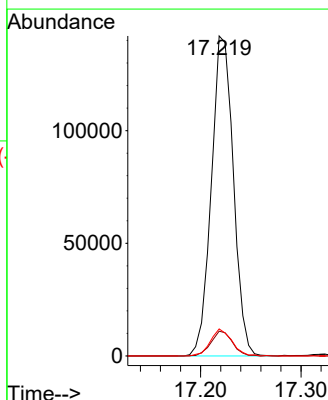
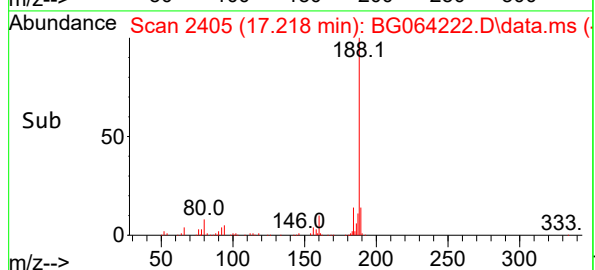
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

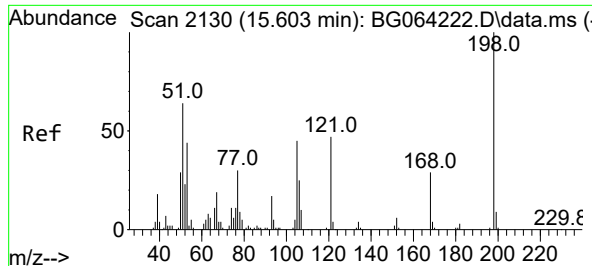


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.218 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33



Tgt Ion:188 Resp: 216625
Ion Ratio Lower Upper
188 100
94 7.8 6.2 9.4
80 8.5 6.8 10.2





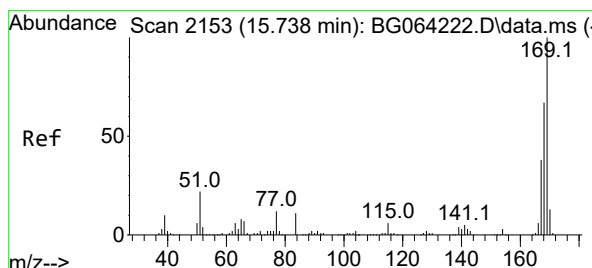
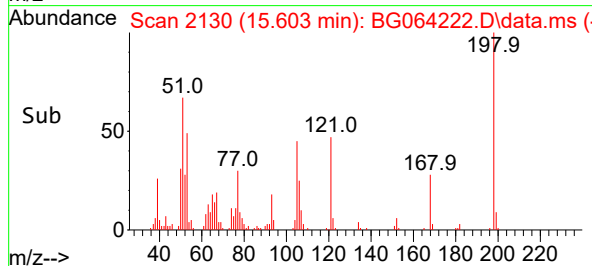
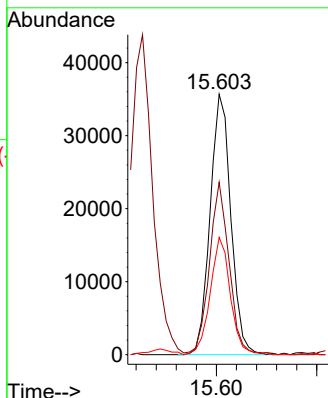
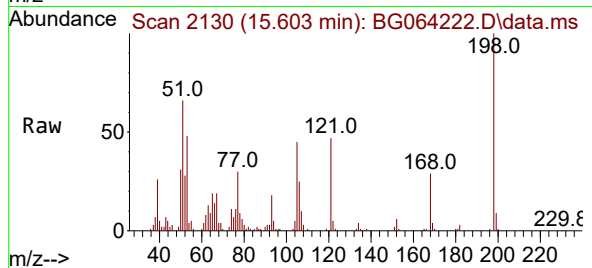
#65
4,6-Dinitro-2-methylphenol
Concen: 41.184 ng
RT: 15.603 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 5122
Ion Ratio Lower Upper
198 100
51 66.2 46.2 86.2
105 45.0 25.0 65.0

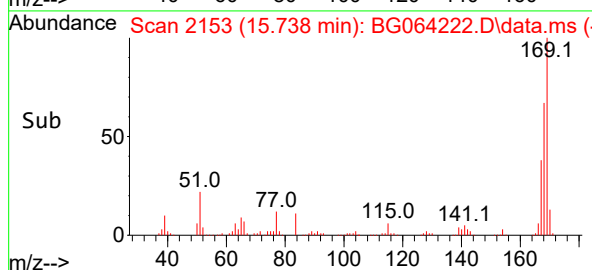
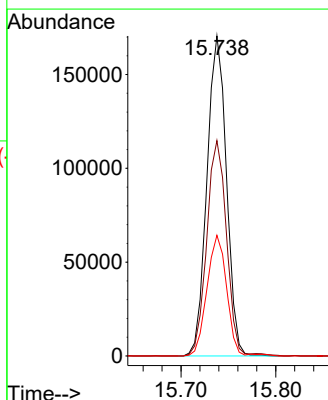
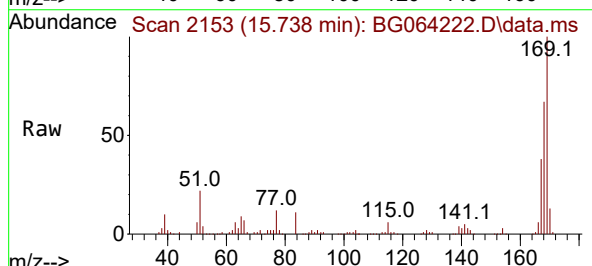
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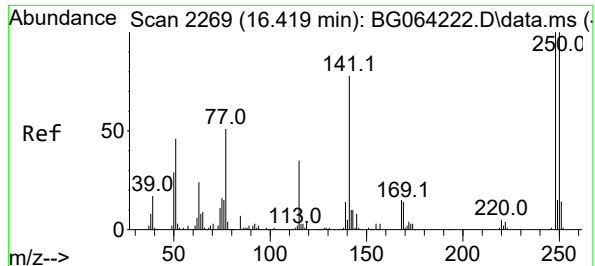
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#66
n-Nitrosodiphenylamine
Concen: 40.835 ng
RT: 15.738 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

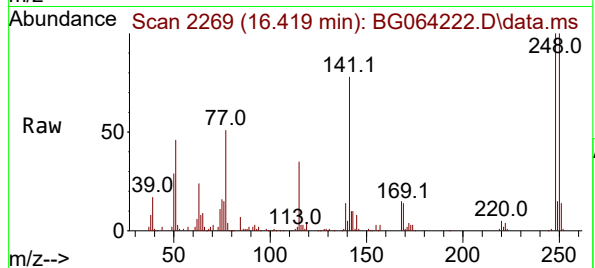
Tgt Ion:169 Resp: 243339
Ion Ratio Lower Upper
169 100
168 67.3 53.8 80.8
167 37.7 30.2 45.2





#67
4-Bromophenyl-phenylether
Concen: 40.562 ng
RT: 16.419 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

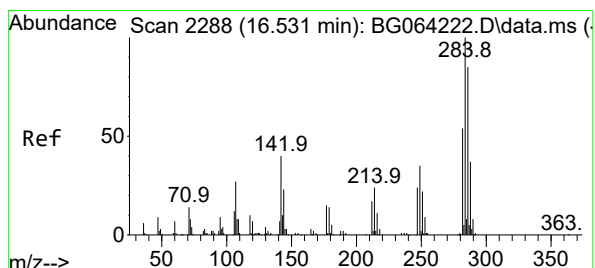
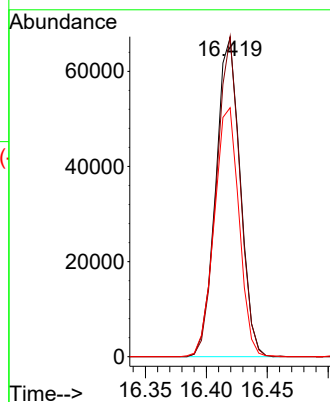
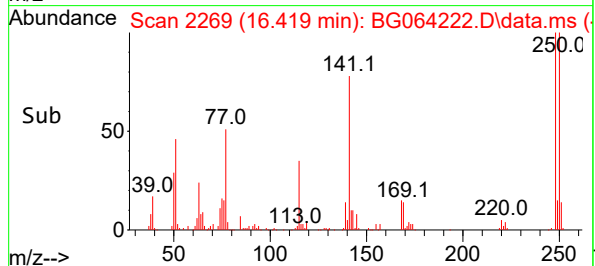
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:248 Resp: 93320
Ion Ratio Lower Upper
248 100
250 100.3 80.2 120.4
141 78.0 62.4 93.6

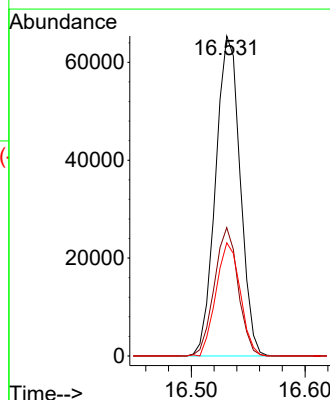
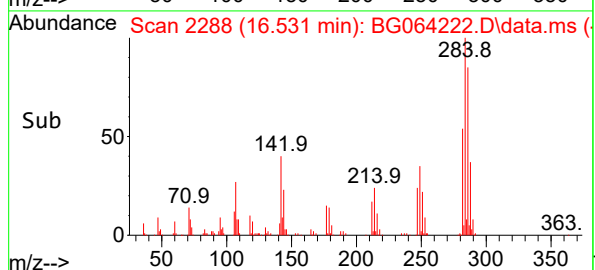
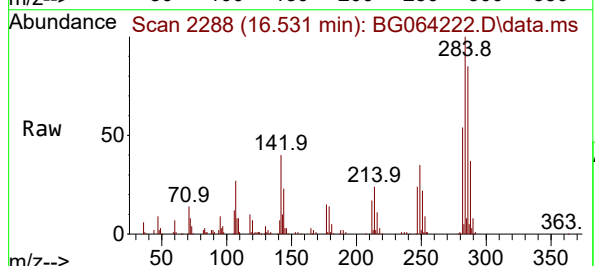
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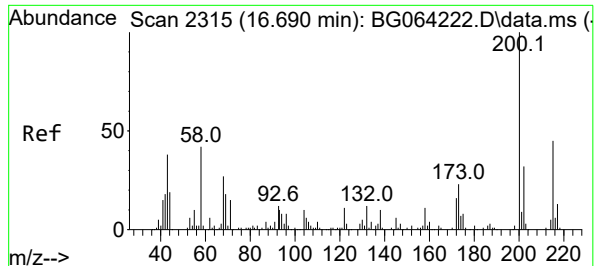
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#68
Hexachlorobenzene
Concen: 38.392 ng
RT: 16.531 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:284 Resp: 98094
Ion Ratio Lower Upper
284 100
142 40.1 32.1 48.1
249 35.4 28.3 42.5





#69

Atrazine

Concen: 41.726 ng

RT: 16.690 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:200 Resp: 103824

Ion Ratio Lower Upper

200 100

173 23.5 3.5 43.5

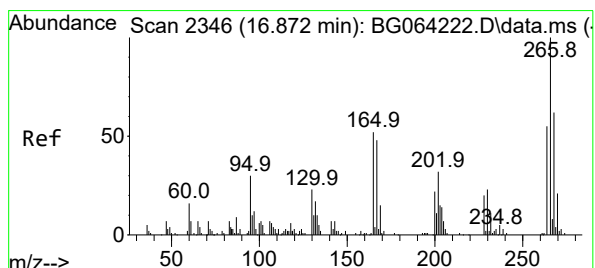
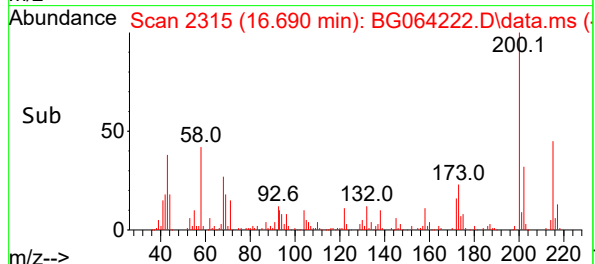
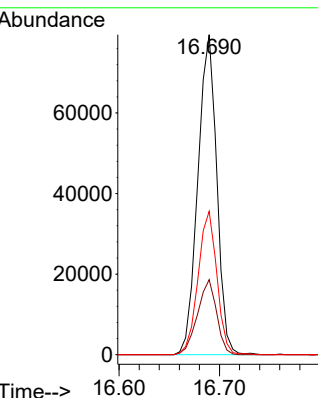
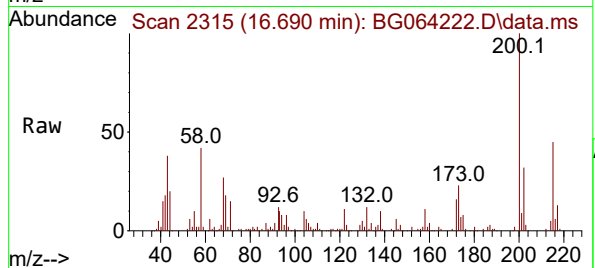
215 44.8 24.8 64.8

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#70

Pentachlorophenol

Concen: 42.696 ng

RT: 16.872 min Scan# 2346

Delta R.T. -0.006 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

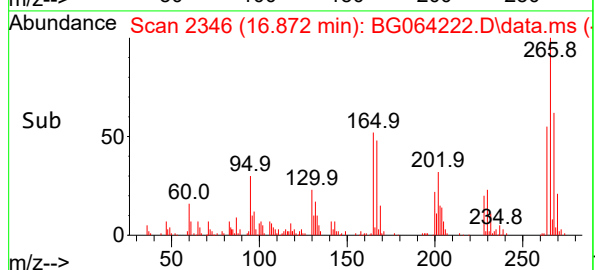
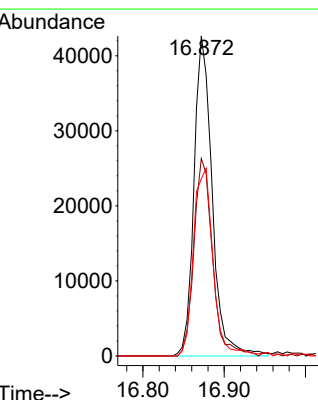
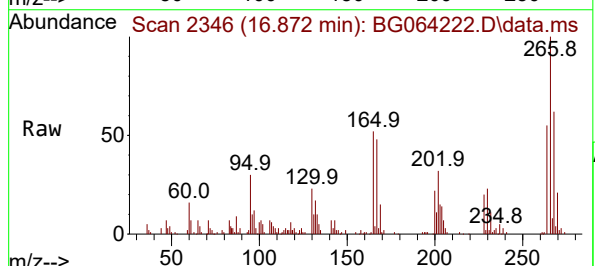
Tgt Ion:266 Resp: 66146

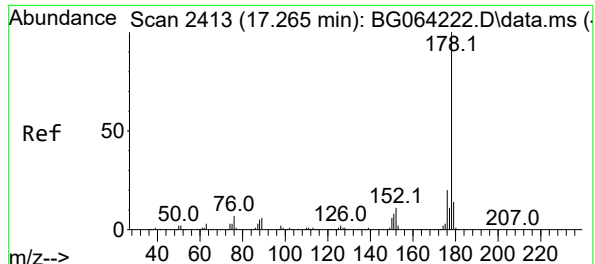
Ion Ratio Lower Upper

266 100

268 61.7 49.4 74.0

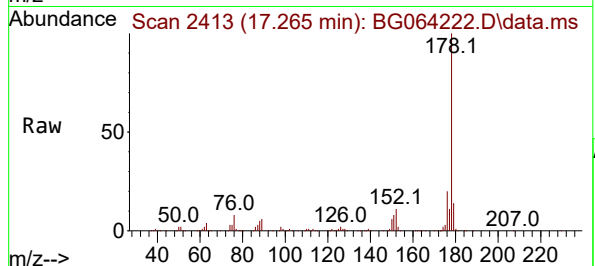
264 55.4 44.3 66.5





#71
Phenanthrene
Concen: 41.086 ng
RT: 17.265 min Scan# 2413
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

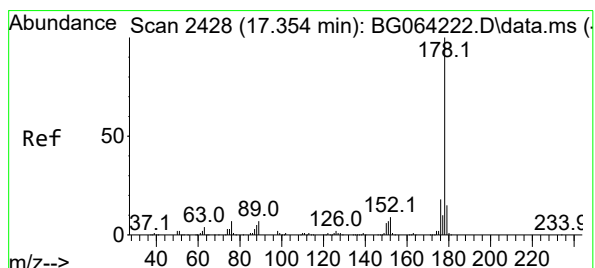
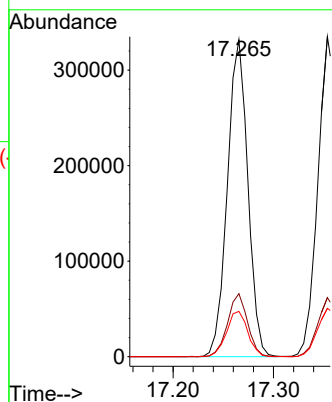
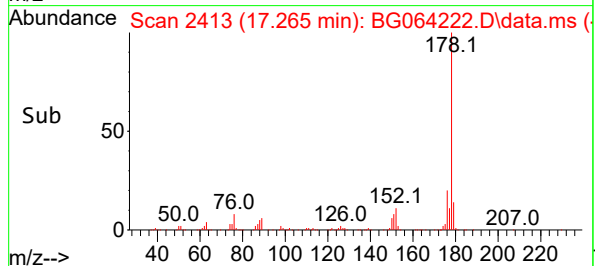
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:178 Resp: 46943
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 14.3 11.4 17.2

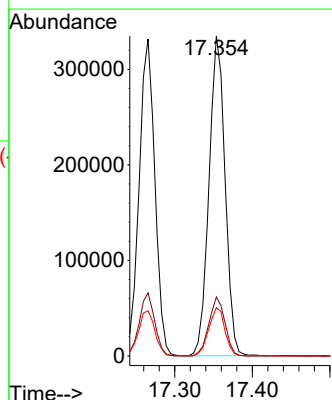
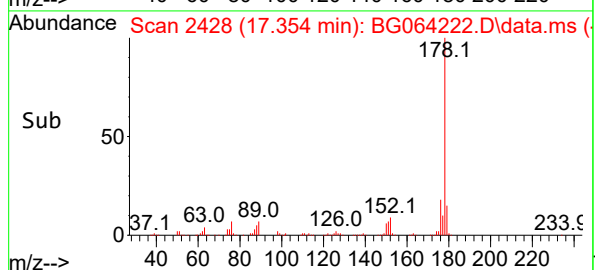
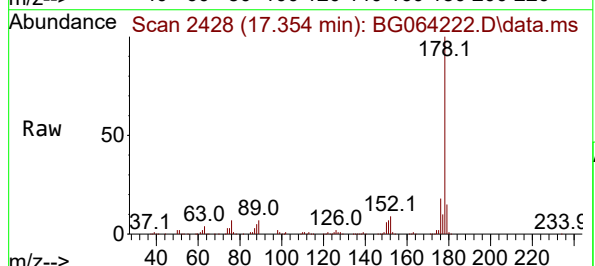
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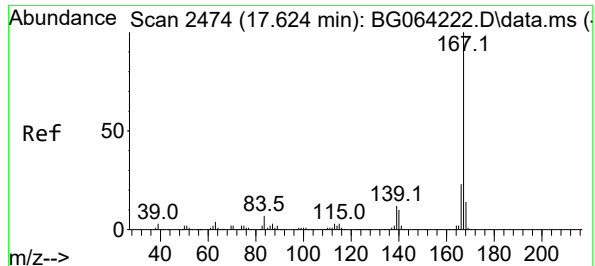
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#72
Anthracene
Concen: 41.411 ng
RT: 17.354 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

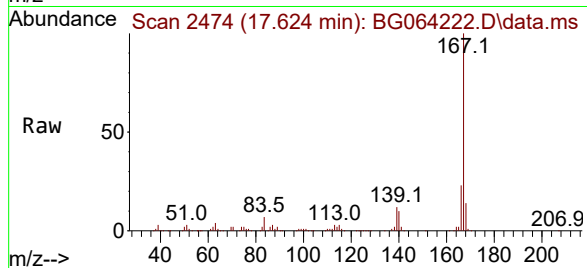
Tgt Ion:178 Resp: 481293
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 15.1 12.1 18.1





#73
Carbazole
Concen: 42.400 ng
RT: 17.624 min Scan# 2474
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

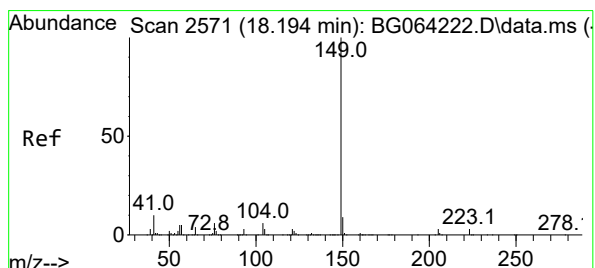
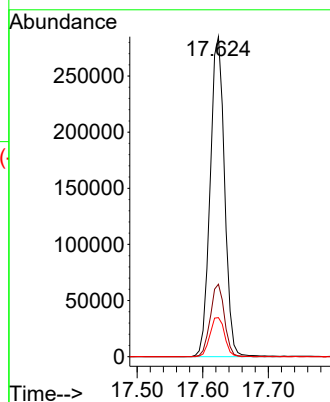
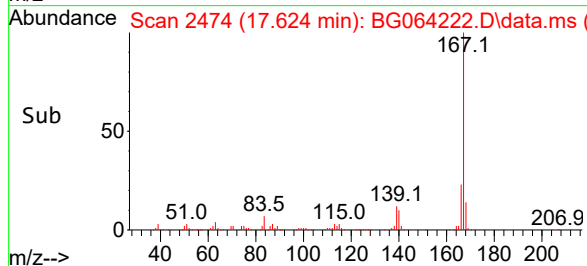
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



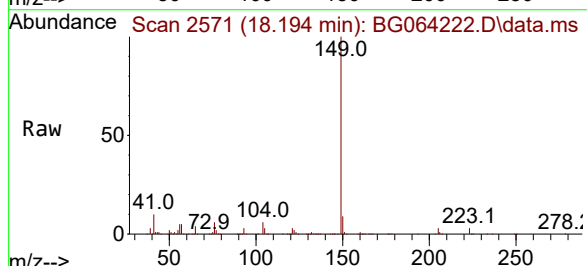
Tgt Ion:167 Resp: 434111
Ion Ratio Lower Upper
167 100
166 22.7 18.2 27.2
139 12.2 9.8 14.6

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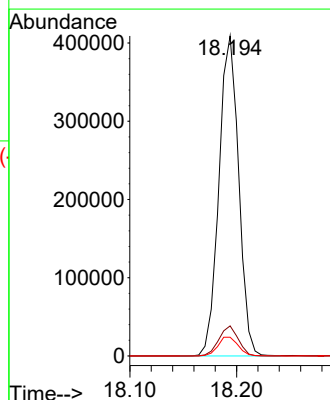
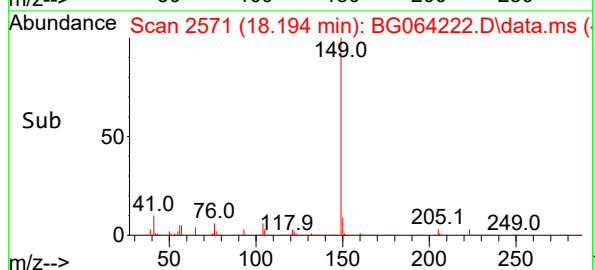
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

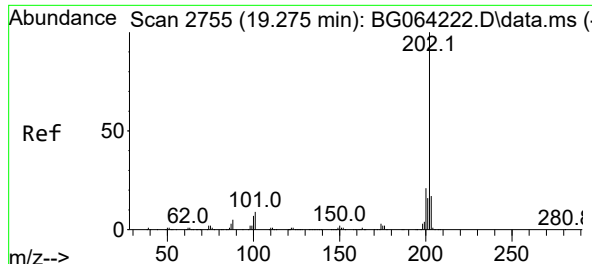


#74
Di-n-butylphthalate
Concen: 42.668 ng
RT: 18.194 min Scan# 2571
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33



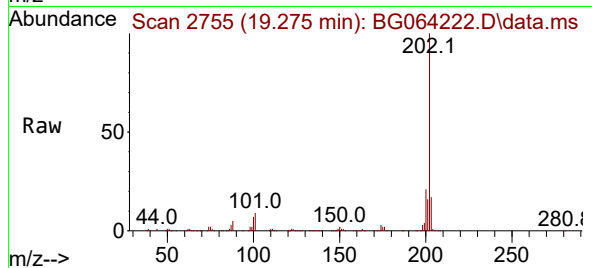
Tgt Ion:149 Resp: 524841
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 5.8 4.6 7.0





#75
Fluoranthene
Concen: 42.067 ng
RT: 19.275 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

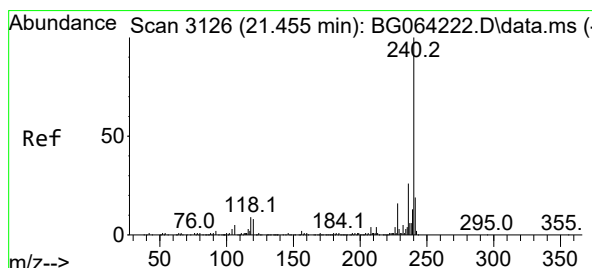
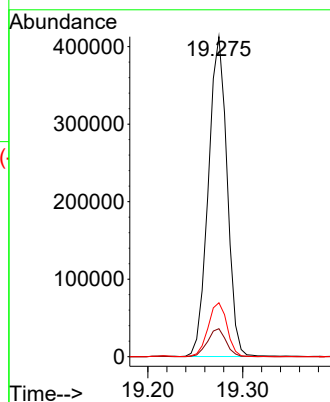
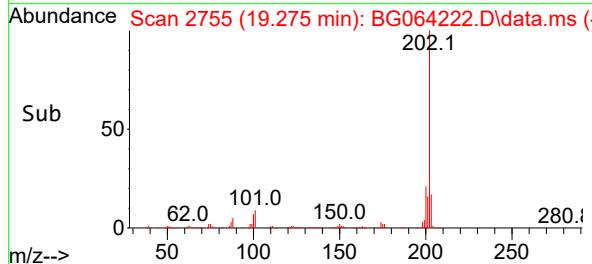
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:202 Resp: 565130
Ion Ratio Lower Upper
202 100
101 8.7 0.0 28.7
203 16.9 0.0 36.9

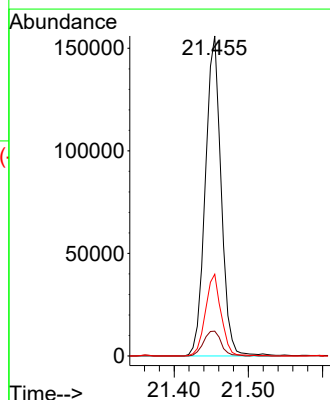
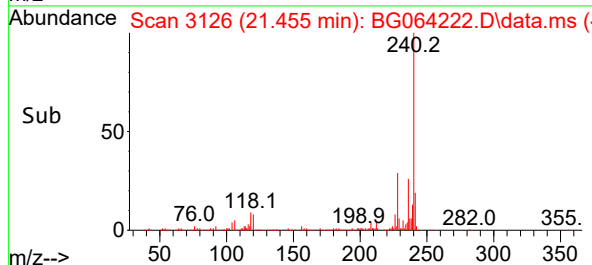
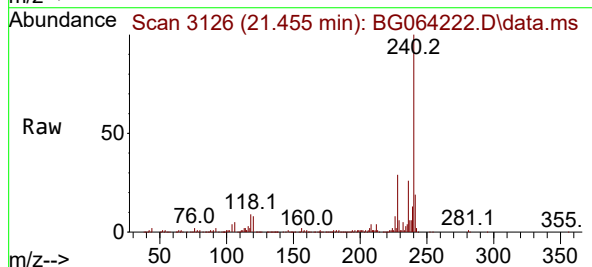
Manual Integrations
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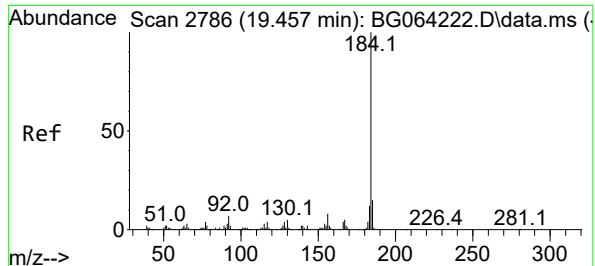
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.455 min Scan# 3126
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

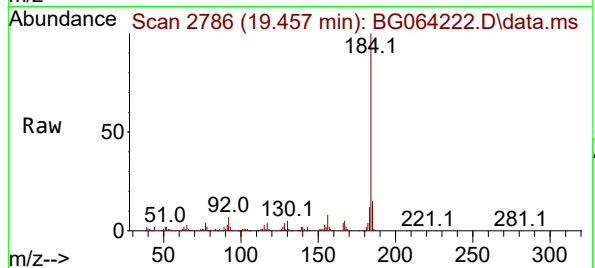
Tgt Ion:240 Resp: 230899
Ion Ratio Lower Upper
240 100
120 7.8 6.2 9.4
236 25.6 20.5 30.7





#77
Benzidine
Concen: 42.340 ng
RT: 19.457 min Scan# 2786
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

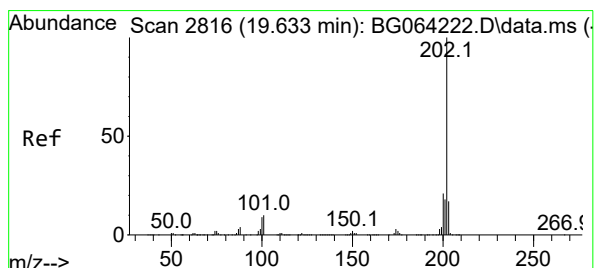
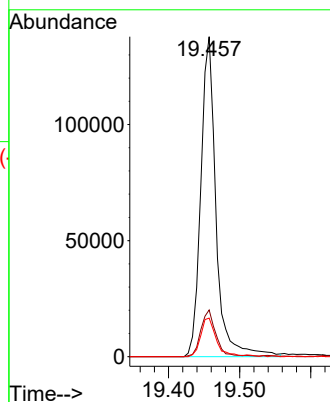
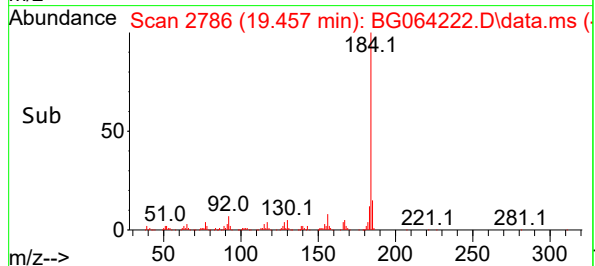
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:184 Resp: 205659
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 12.1 9.7 14.5

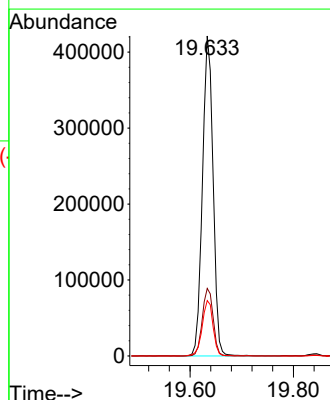
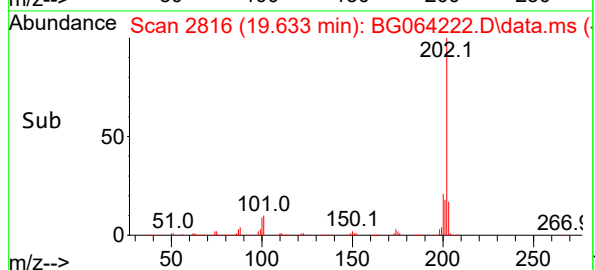
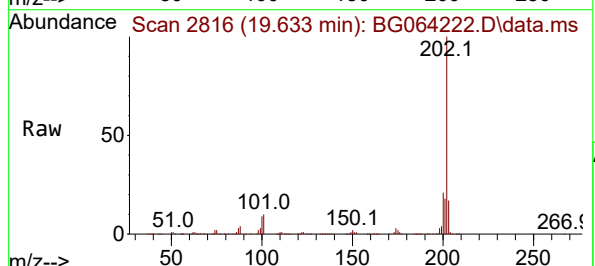
Manual Integrations
APPROVED

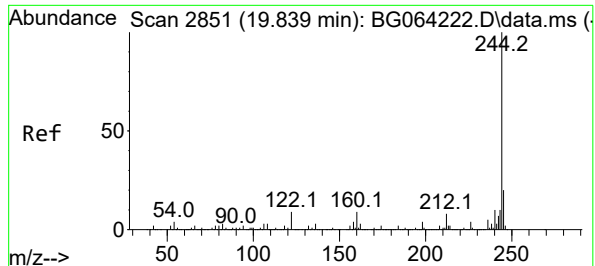
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#78
Pyrene
Concen: 41.364 ng
RT: 19.633 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

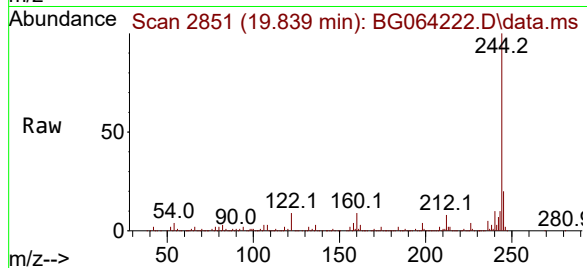
Tgt Ion:202 Resp: 601727
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.3 13.8 20.8





#79
Terphenyl-d14
Concen: 81.849 ng
RT: 19.839 min Scan# 2851
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

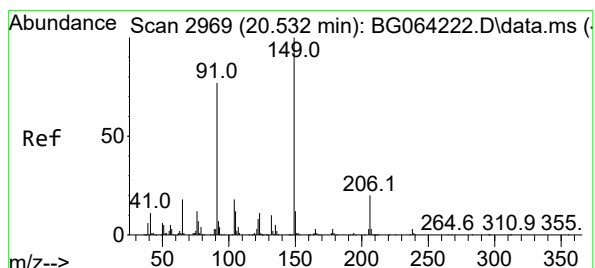
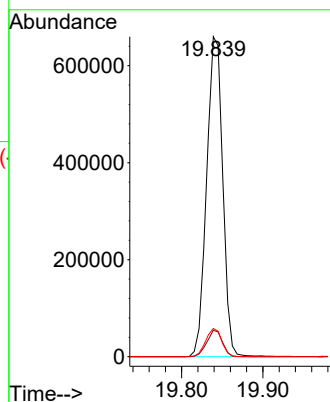
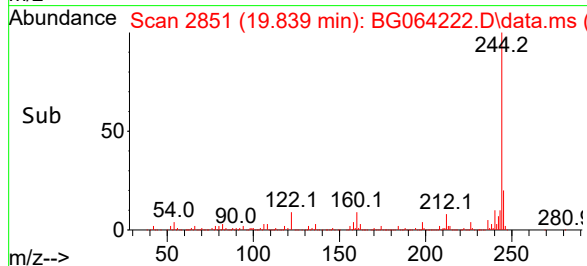
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:244 Resp: 905835
Ion Ratio Lower Upper
244 100
212 8.3 6.6 10.0
122 8.8 7.0 10.6

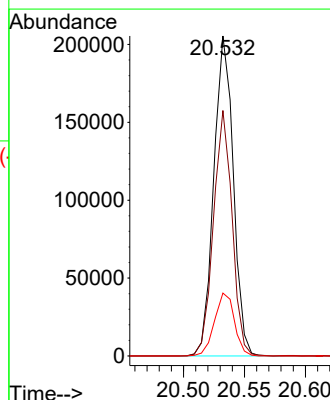
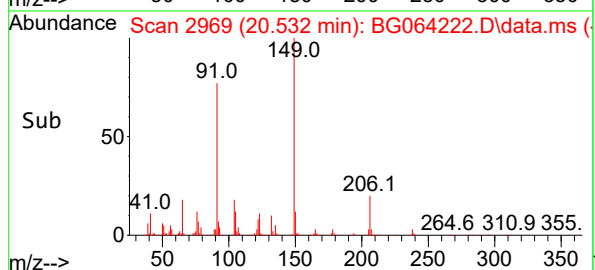
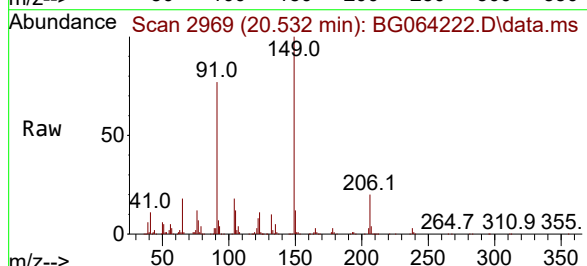
Manual Integrations
APPROVED

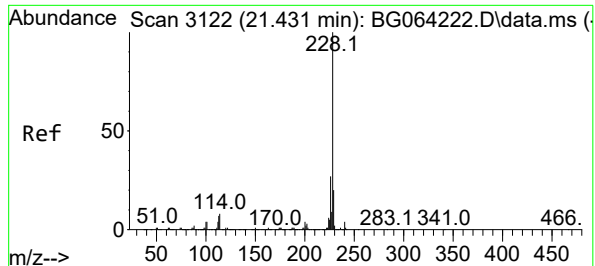
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#80
Butylbenzylphthalate
Concen: 41.610 ng
RT: 20.532 min Scan# 2969
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:149 Resp: 228304
Ion Ratio Lower Upper
149 100
91 76.7 61.4 92.0
206 19.7 15.8 23.6





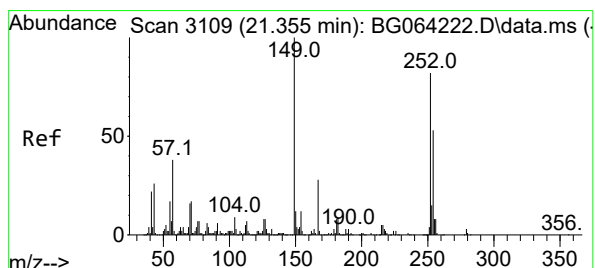
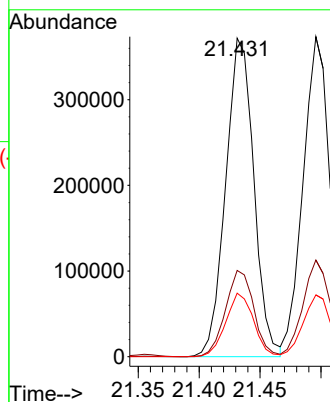
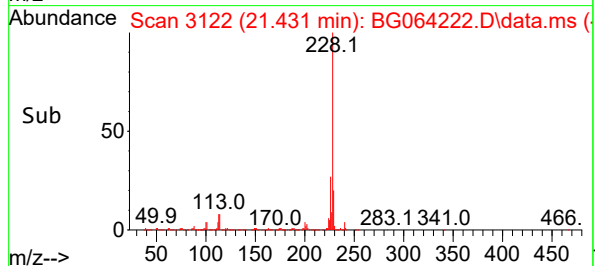
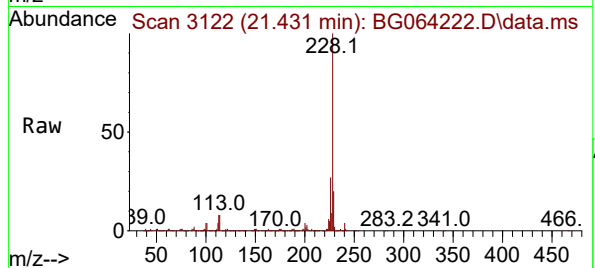
#81
Benzo(a)anthracene
Concen: 40.530 ng
RT: 21.431 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 598710
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 19.9 15.9 23.9

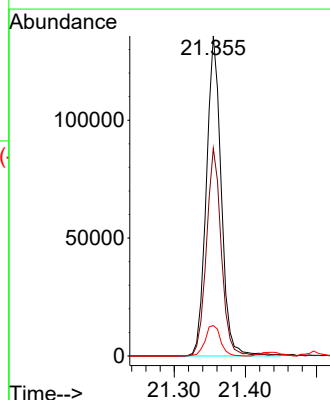
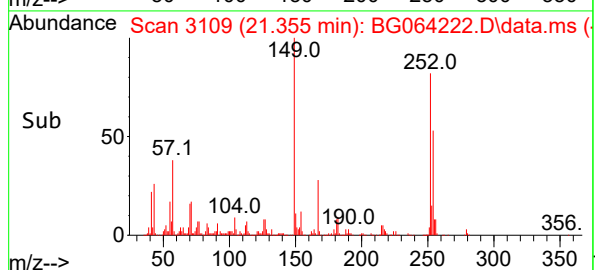
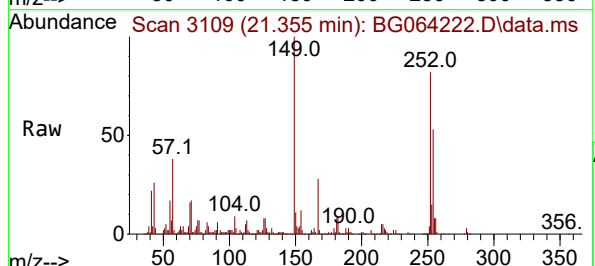
Manual Integrations
APPROVED

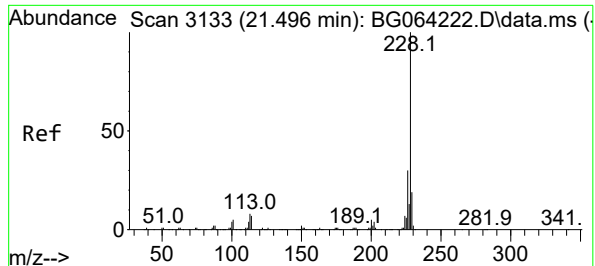
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#82
3,3'-Dichlorobenzidine
Concen: 41.144 ng
RT: 21.355 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:252 Resp: 197938
Ion Ratio Lower Upper
252 100
254 64.9 51.9 77.9
126 9.5 7.6 11.4





#83

Chrysene

Concen: 40.625 ng

RT: 21.496 min Scan# 3133

Delta R.T. -0.006 min

Lab File: BG064222.D

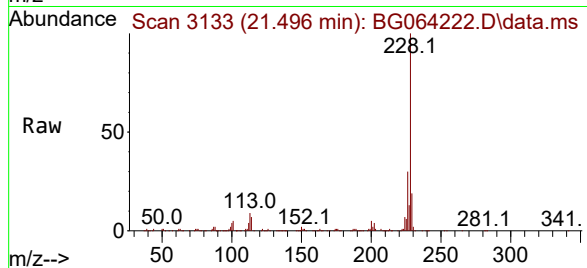
Acq: 28 Aug 2025 13:33

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040



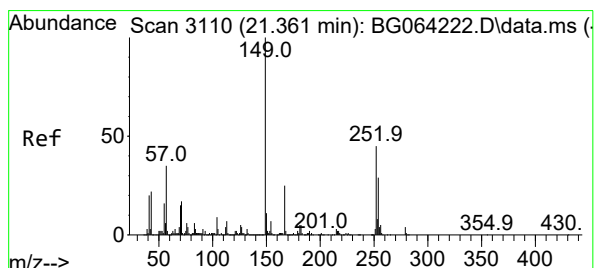
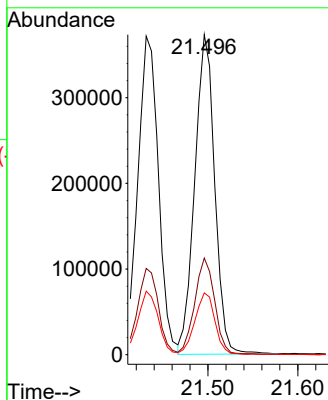
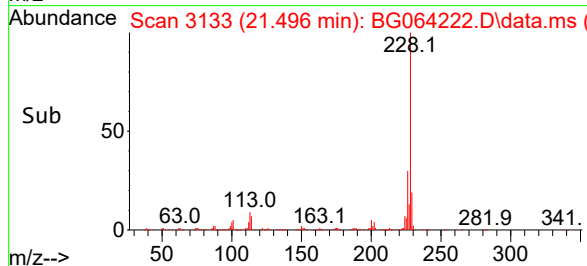
Tgt Ion:	228	Resp:	57612
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.2	36.2
229	19.3	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#84

Bis(2-ethylhexyl)phthalate

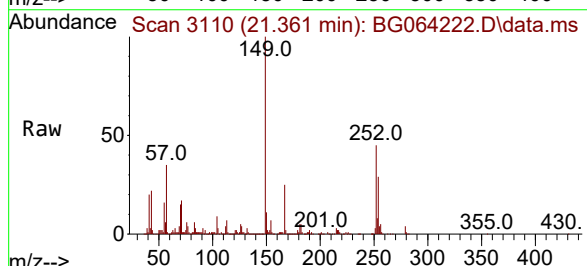
Concen: 41.046 ng

RT: 21.361 min Scan# 3110

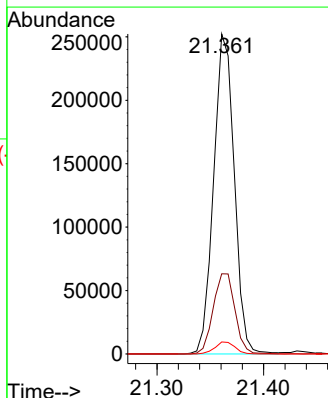
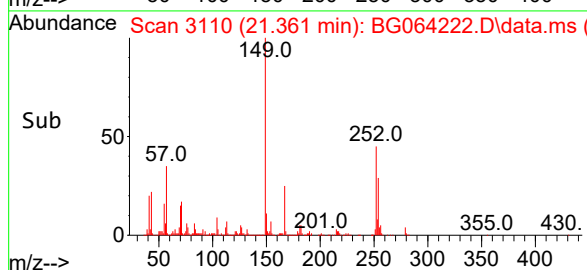
Delta R.T. -0.006 min

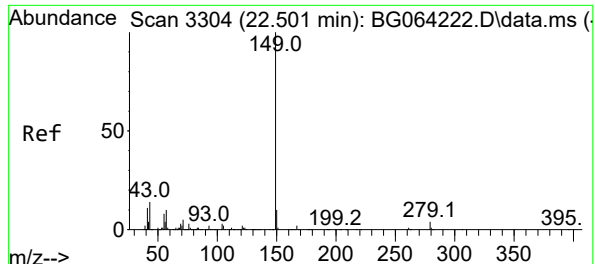
Lab File: BG064222.D

Acq: 28 Aug 2025 13:33



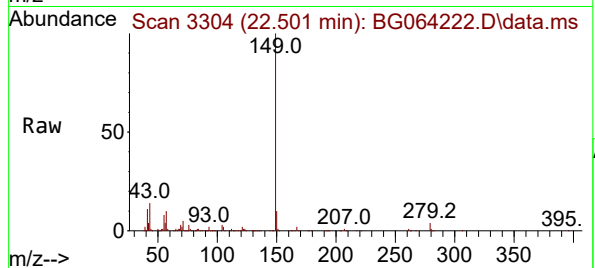
Tgt Ion:	149	Resp:	338114
Ion Ratio	Lower	Upper	
149	100		
167	25.0	20.0	30.0
279	3.7	3.0	4.4





#85
Di-n-octyl phthalate
Concen: 40.652 ng
RT: 22.501 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

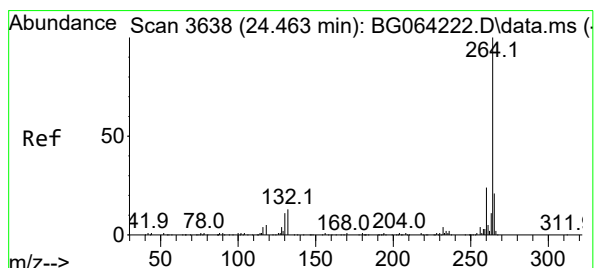
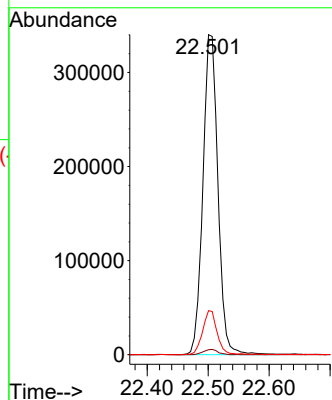
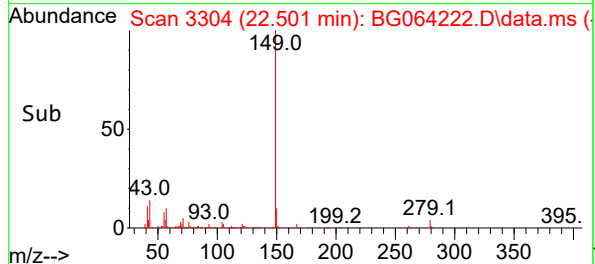
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:149 Resp: 58348
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.5 10.8 16.2

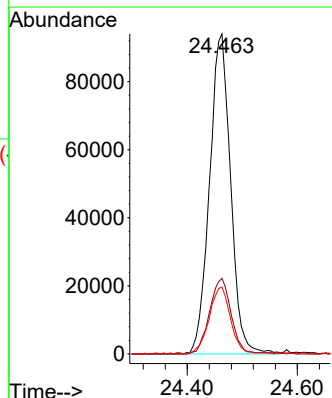
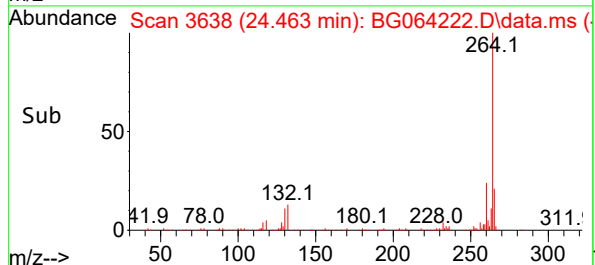
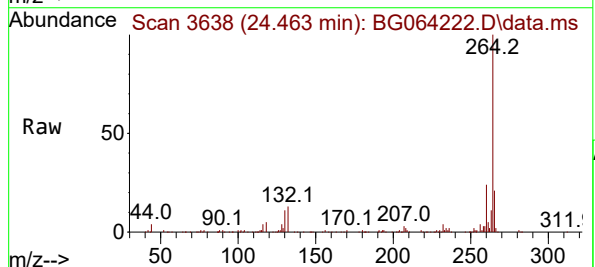
Manual Integrations
APPROVED

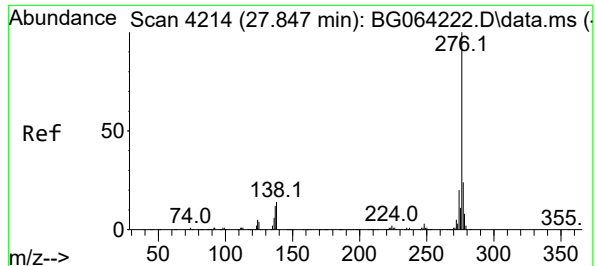
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.463 min Scan# 3638
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

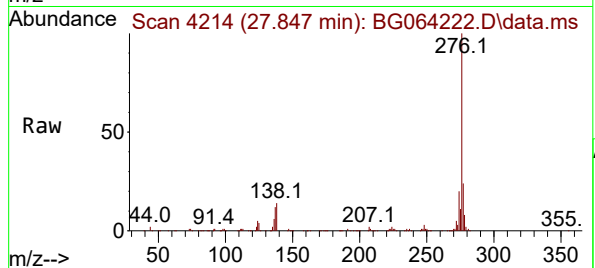
Tgt Ion:264 Resp: 249993
Ion Ratio Lower Upper
264 100
260 23.6 18.9 28.3
265 20.9 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.973 ng
RT: 27.847 min Scan# 4214
Delta R.T. -0.024 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

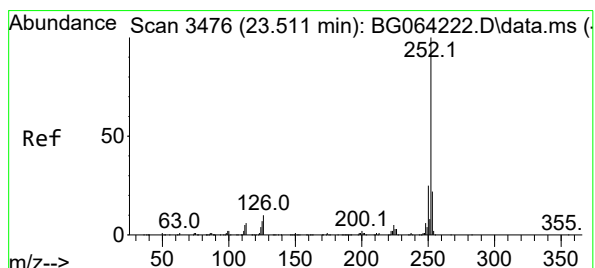
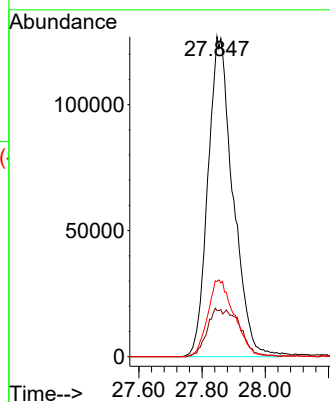
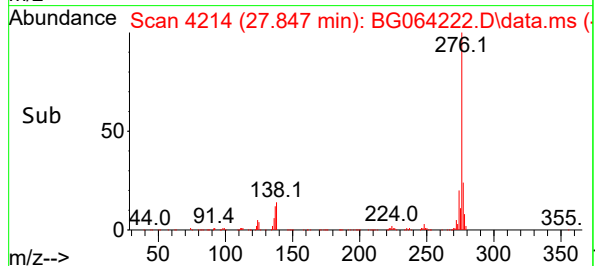
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:276 Resp: 699504
Ion Ratio Lower Upper
276 100
138 9.2 7.4 11.0
277 25.6 20.5 30.7

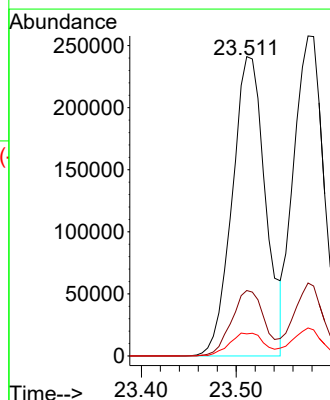
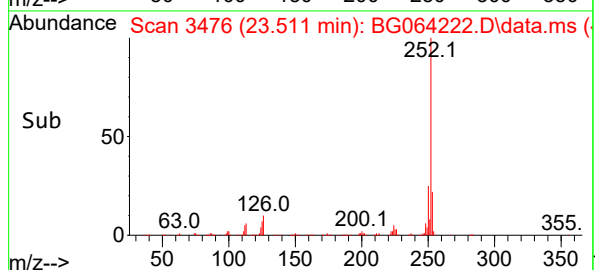
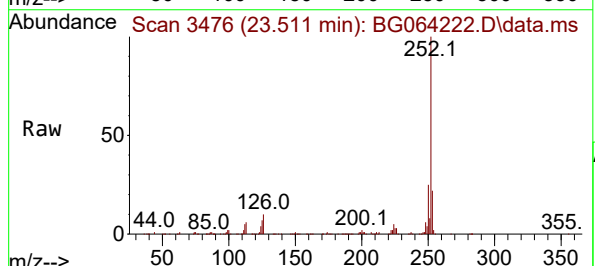
Manual Integrations
APPROVED

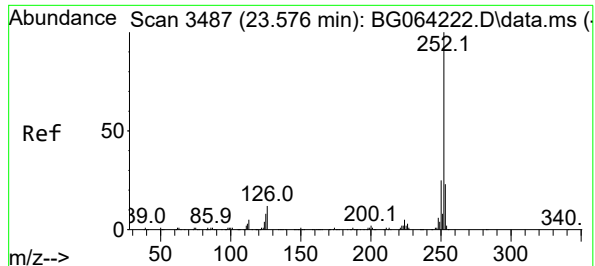
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#88
Benzo(b)fluoranthene
Concen: 41.666 ng
RT: 23.511 min Scan# 3476
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:252 Resp: 587871
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 7.4 5.9 8.9





#89

Benzo(k)fluoranthene

Concen: 39.695 ng

RT: 23.576 min Scan# 3487

Delta R.T. -0.012 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:252 Resp: 570589

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.4

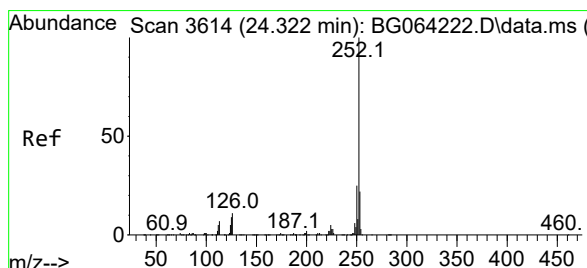
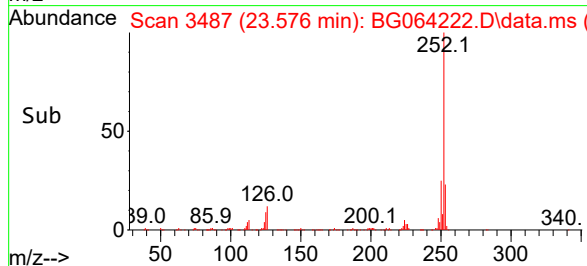
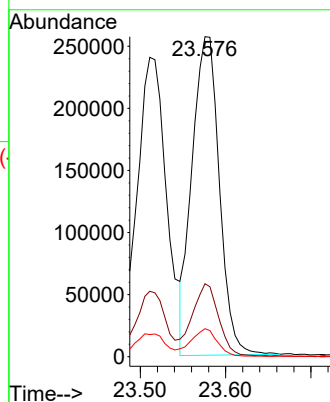
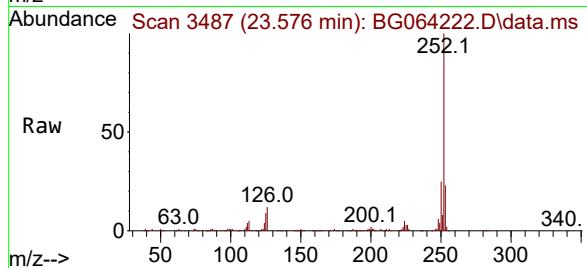
125 8.7 7.0 10.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#90

Benzo(a)pyrene

Concen: 41.278 ng

RT: 24.322 min Scan# 3614

Delta R.T. -0.006 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

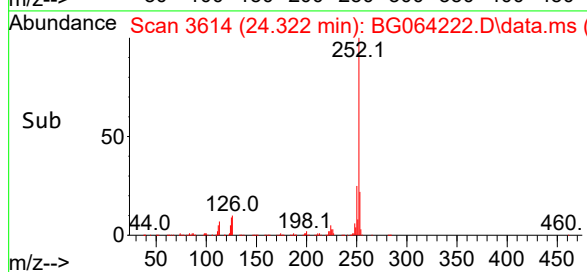
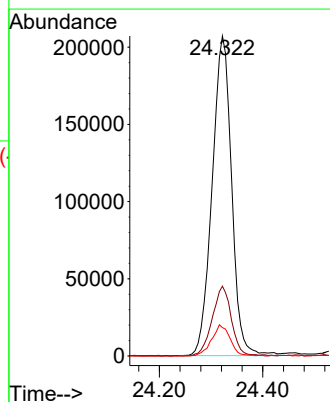
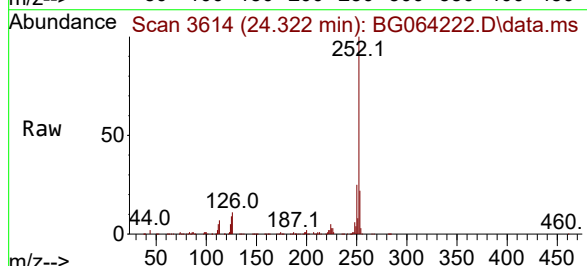
Tgt Ion:252 Resp: 541764

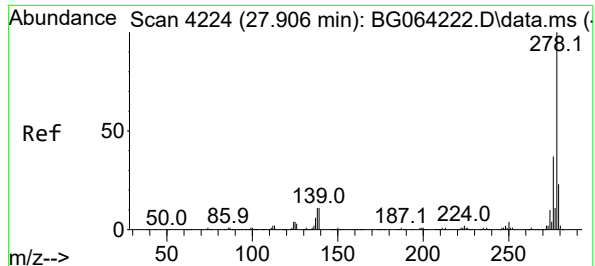
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

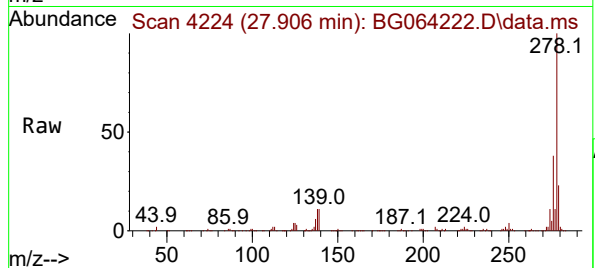
125 8.8 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 41.382 ng
RT: 27.906 min Scan# 4224
Delta R.T. -0.018 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

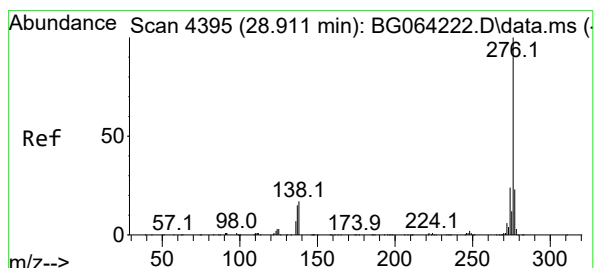
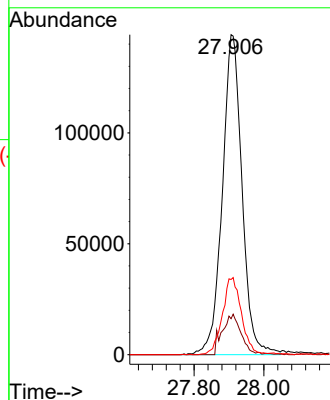
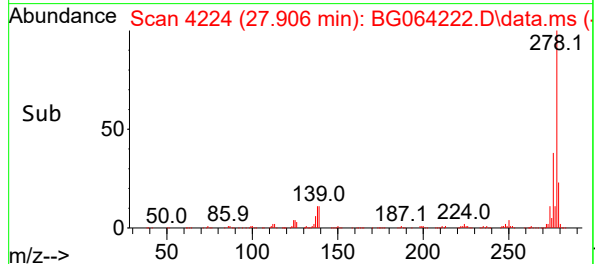
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



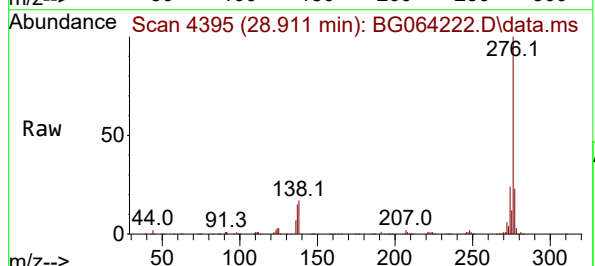
Tgt Ion:278 Resp: 56724
Ion Ratio Lower Upper
278 100
139 11.2 9.0 13.4
279 23.5 18.8 28.2

Manual Integrations
APPROVED

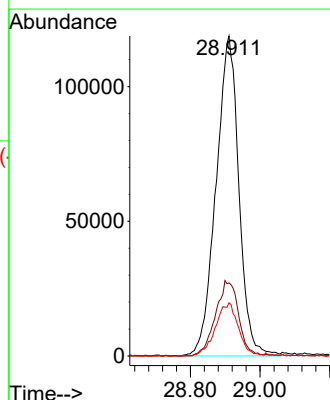
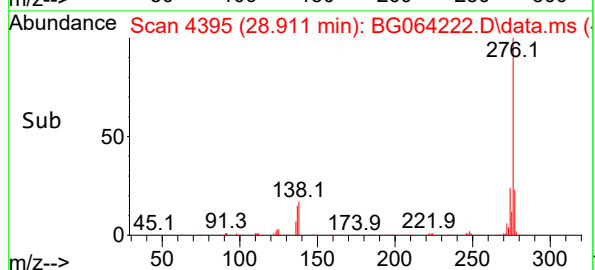
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#92
Benzo(g,h,i)perylene
Concen: 40.590 ng
RT: 28.911 min Scan# 4395
Delta R.T. -0.024 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33



Tgt Ion:276 Resp: 541401
Ion Ratio Lower Upper
276 100
277 22.8 18.2 27.4
138 16.6 13.3 19.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
 Data File : BG064223.D
 Acq On : 28 Aug 2025 14:55
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:40:53 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 28 17:41:58 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	33981	20.000	ng	0.00
21) Naphthalene-d8	10.646	136	162789	20.000	ng	0.00
39) Acenaphthene-d10	14.483	164	113459	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	260584	20.000	ng	0.00
76) Chrysene-d12	21.457	240	265427	20.000	ng	0.00
86) Perylene-d12	24.465	264	291787	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	182705	96.463	ng	0.00
7) Phenol-d6	7.027	99	258550	99.362	ng	0.00
23) Nitrobenzene-d5	9.012	82	290513	99.528	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	148084	98.538	ng	0.00
45) 2-Fluorobiphenyl	13.108	172	730952	98.334	ng	0.00
79) Terphenyl-d14	19.841	244	1218425	95.772	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.360	88	36549	46.296	ng	91
3) Pyridine	3.748	79	111747	48.087	ng	# 62
4) n-Nitrosodimethylamine	3.666	42	76108	49.514	ng	95
6) Aniline	7.185	93	182696	50.772	ng	98
8) 2-Chlorophenol	7.420	128	115532	49.917	ng	95
9) Benzaldehyde	6.997	77	101310m	47.310	ng	
10) Phenol	7.050	94	147768	51.508	ng	98
11) bis(2-Chloroethyl)ether	7.285	93	106590	49.444	ng	95
12) 1,3-Dichlorobenzene	7.749	146	118413	48.091	ng	93
13) 1,4-Dichlorobenzene	7.890	146	121131	48.745	ng	98
14) 1,2-Dichlorobenzene	8.208	146	115952	48.346	ng	97
15) Benzyl Alcohol	8.096	79	121664	50.666	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.378	45	240049	48.772	ng	97
17) 2-Methylphenol	8.296	107	103441	48.380	ng	95
18) Hexachloroethane	8.936	117	48573	50.074	ng	92
19) n-Nitroso-di-n-propyla...	8.666	70	102918	51.679	ng	93
20) 3+4-Methylphenols	8.625	107	148663	50.040	ng	95
22) Acetophenone	8.678	105	201707	48.977	ng	# 99
24) Nitrobenzene	9.054	77	153531	50.343	ng	100
25) Isophorone	9.577	82	298308	49.174	ng	98
26) 2-Nitrophenol	9.759	139	67834	51.476	ng	87
27) 2,4-Dimethylphenol	9.823	122	112443	48.601	ng	99
28) bis(2-Chloroethoxy)met...	10.058	93	158665	48.505	ng	95
29) 2,4-Dichlorophenol	10.293	162	121661	49.838	ng	96
30) 1,2,4-Trichlorobenzene	10.511	180	125532	48.771	ng	99
31) Naphthalene	10.699	128	408504	48.392	ng	98
32) Benzoic acid	9.982	122	100402m	54.670	ng	
33) 4-Chloroaniline	10.799	127	167341	51.147	ng	99
34) Hexachlorobutadiene	10.987	225	91046	47.853	ng	90
35) Caprolactam	11.586	113	45631	48.275	ng	# 87
36) 4-Chloro-3-methylphenol	11.927	107	157192	49.630	ng	94
37) 2-Methylnaphthalene	12.309	142	308014	49.089	ng	97
38) 1-Methylnaphthalene	12.526	142	299438	48.315	ng	98
40) 1,2,4,5-Tetrachloroben...	12.673	216	164947	50.386	ng	98
41) Hexachlorocyclopentadiene	12.655	237	82228	52.851	ng	99
43) 2,4,6-Trichlorophenol	12.914	196	108841	49.743	ng	96

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 Data File : BG064223.D
 Acq On : 28 Aug 2025 14:55
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:40:53 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 28 17:41:58 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.984	196	120763	50.879	ng	97
46) 1,1'-Biphenyl	13.319	154	410868	49.719	ng	99
47) 2-Chloronaphthalene	13.360	162	310870	50.039	ng	99
48) 2-Nitroaniline	13.560	65	111792	52.795	ng	97
49) Acenaphthylene	14.206	152	455916	49.644	ng	99
50) Dimethylphthalate	13.942	163	414776	48.298	ng	99
51) 2,6-Dinitrotoluene	14.054	165	85196	51.244	ng	94
52) Acenaphthene	14.547	154	320309	49.423	ng	96
53) 3-Nitroaniline	14.383	138	89170	51.202	ng	99
54) 2,4-Dinitrophenol	14.588	184	52115	50.240	ng	87
55) Dibenzofuran	14.882	168	499696	49.018	ng	98
56) 4-Nitrophenol	14.694	139	73126	51.188	ng	93
57) 2,4-Dinitrotoluene	14.841	165	127679	50.791	ng	# 98
58) Fluorene	15.534	166	401649	48.071	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.105	232	117168	51.324	ng	97
60) Diethylphthalate	15.311	149	435581	47.393	ng	99
61) 4-Chlorophenyl-phenyle...	15.528	204	204160	49.008	ng	99
62) 4-Nitroaniline	15.552	138	94189	53.002	ng	96
63) Azobenzene	15.816	77	399233	48.736	ng	97
65) 4,6-Dinitro-2-methylph...	15.605	198	78644	52.566	ng	97
66) n-Nitrosodiphenylamine	15.740	169	353288	49.284	ng	98
67) 4-Bromophenyl-phenylether	16.416	248	137844	49.804	ng	94
68) Hexachlorobenzene	16.533	284	150620	49.006	ng	92
69) Atrazine	16.692	200	145808	48.714	ng	96
70) Pentachlorophenol	16.874	266	96347	51.699	ng	# 88
71) Phenanthrene	17.268	178	664429	48.343	ng	98
72) Anthracene	17.356	178	673083	48.144	ng	99
73) Carbazole	17.626	167	597673	48.528	ng	99
74) Di-n-butylphthalate	18.196	149	713842	48.243	ng	98
75) Fluoranthene	19.277	202	767254	47.477	ng	97
77) Benzidine	19.459	184	255340	45.730	ng	100
78) Pyrene	19.635	202	806963	48.257	ng	99
80) Butylbenzylphthalate	20.534	149	314706	49.896	ng	98
81) Benzo(a)anthracene	21.433	228	828398	48.784	ng	99
82) 3,3'-Dichlorobenzidine	21.357	252	272006	49.185	ng	97
83) Chrysene	21.498	228	798825	49.001	ng	100
84) Bis(2-ethylhexyl)phtha...	21.363	149	472845	49.934	ng	98
85) Di-n-octyl phthalate	22.508	149	814659	49.375	ng	99
87) Indeno(1,2,3-cd)pyrene	27.867	276	983131	49.338	ng	# 96
88) Benzo(b)fluoranthene	23.519	252	805106	48.889	ng	99
89) Benzo(k)fluoranthene	23.584	252	825274	49.190	ng	98
90) Benzo(a)pyrene	24.330	252	763697	49.853	ng	99
91) Dibenzo(a,h)anthracene	27.920	278	793072	49.569	ng	98
92) Benzo(g,h,i)perylene	28.924	276	760245	48.833	ng	99

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

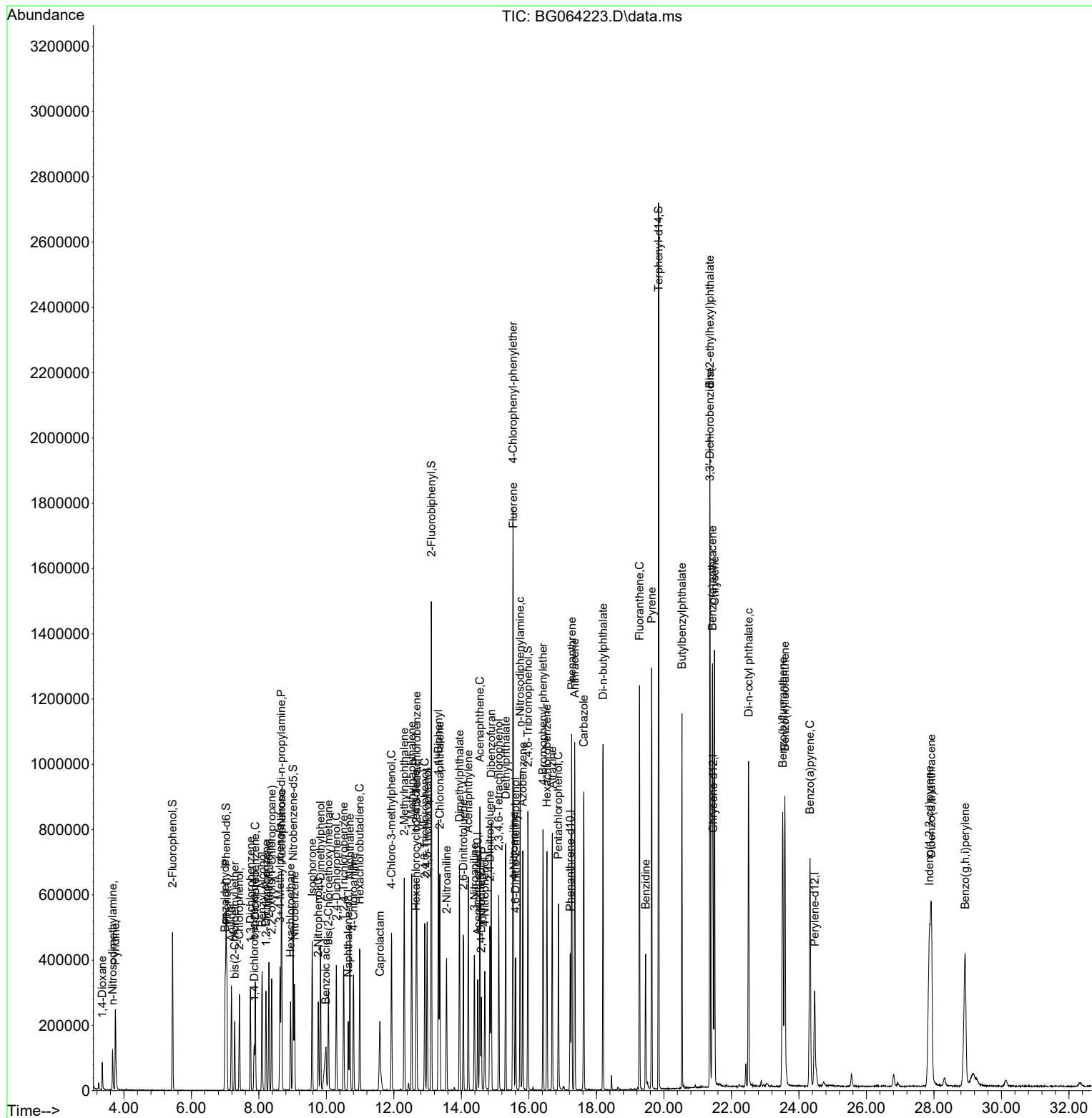
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Acq On : 28 Aug 2025 14:55
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

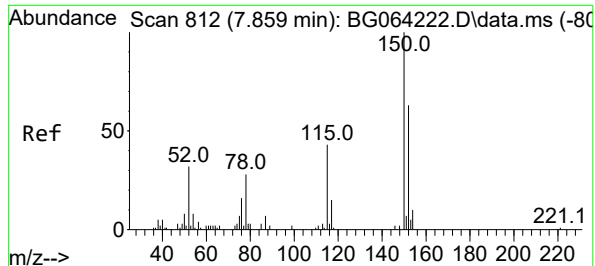
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BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jaagrut Upadhyay 08/29/2025

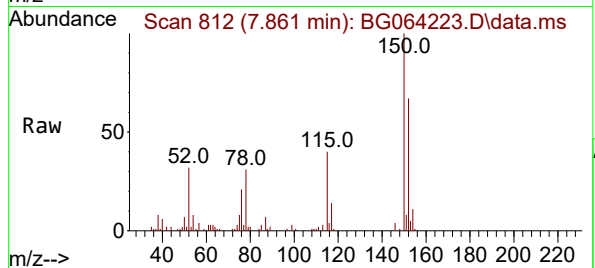
Quant Time: Aug 28 18:40:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.861 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

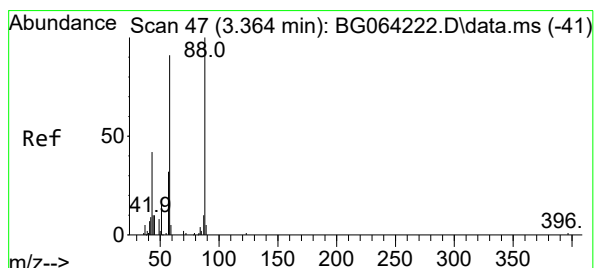
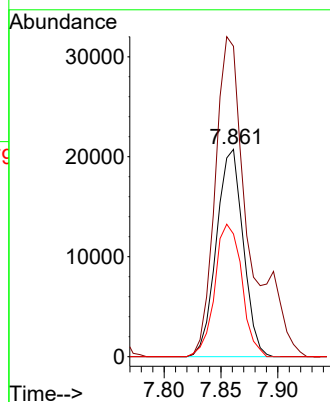
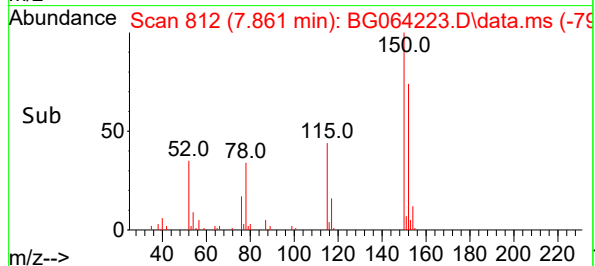
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:152 Resp: 3398
Ion Ratio Lower Upper
152 100
150 149.7 128.0 192.0
115 59.2 55.7 83.5

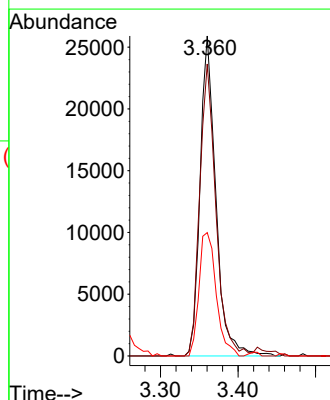
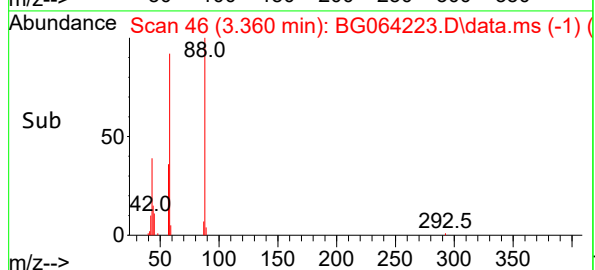
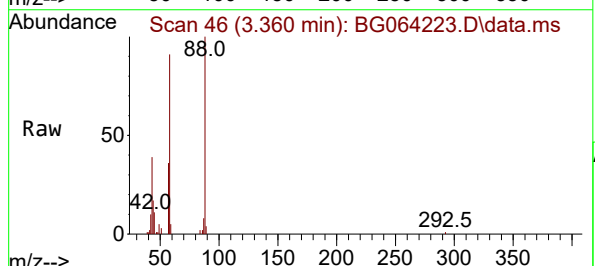
Manual Integrations
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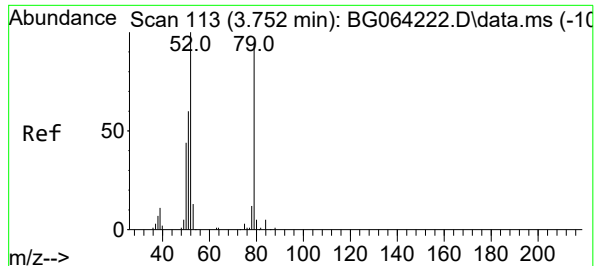
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#2
1,4-Dioxane
Concen: 46.296 ng
RT: 3.360 min Scan# 46
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

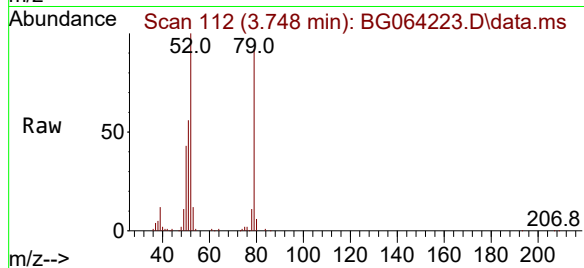
Tgt Ion: 88 Resp: 36549
Ion Ratio Lower Upper
88 100
58 93.6 80.8 121.2
43 42.1 40.3 60.5





#3
Pyridine
Concen: 48.087 ng
RT: 3.748 min Scan# 113
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

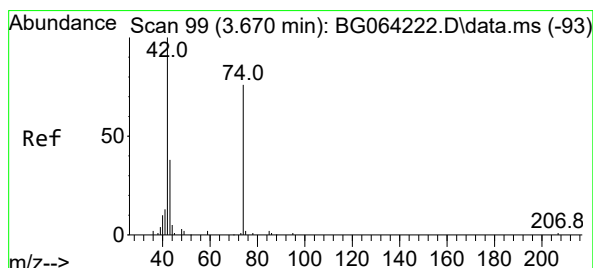
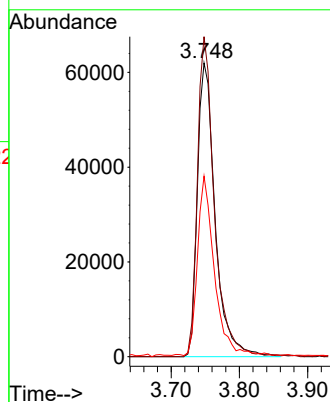
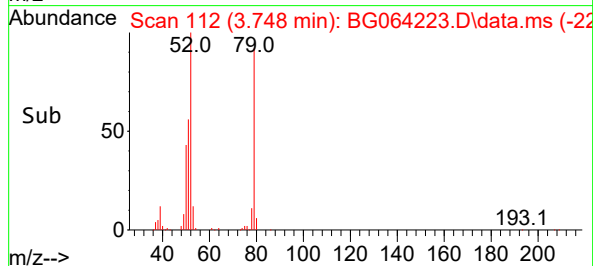
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion: 79 Resp: 11174
Ion Ratio Lower Upper
79 100
52 108.9 86.6 129.8
51 61.5 114.1 171.1

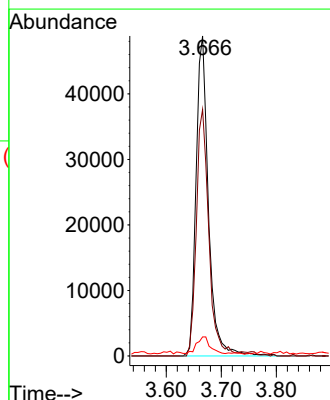
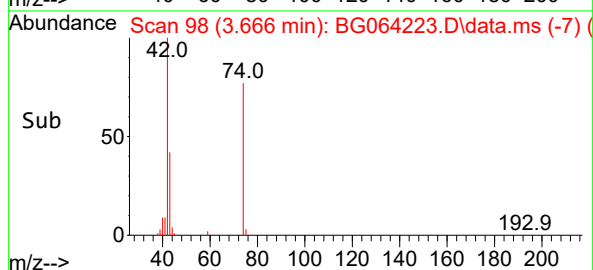
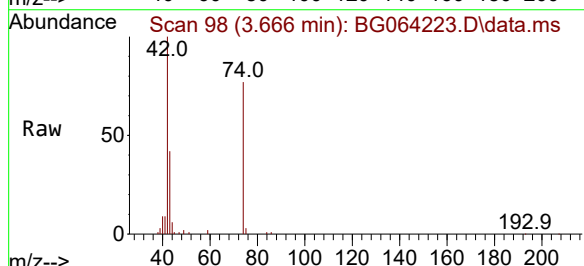
Manual Integrations
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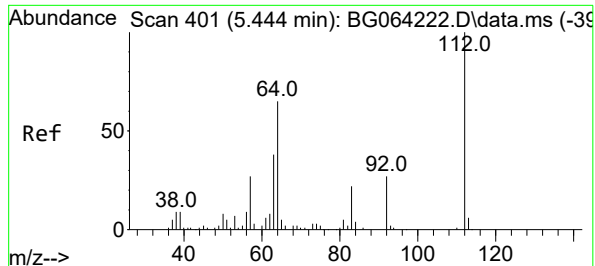
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#4
n-Nitrosodimethylamine
Concen: 49.514 ng
RT: 3.666 min Scan# 98
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

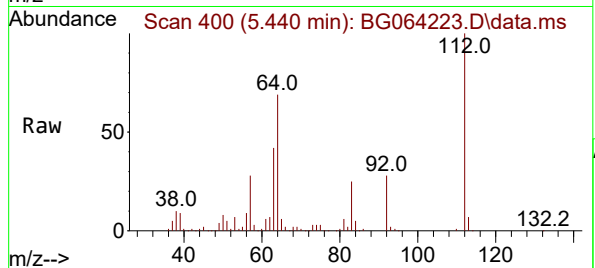
Tgt Ion: 42 Resp: 76108
Ion Ratio Lower Upper
42 100
74 77.0 58.0 87.0
44 5.9 5.5 8.3





#5
2-Fluorophenol
Concen: 96.463 ng
RT: 5.440 min Scan# 401
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

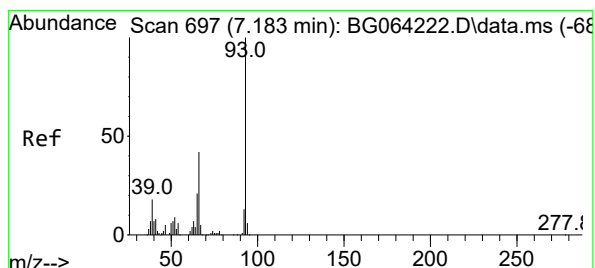
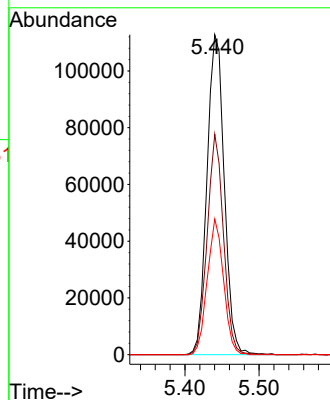
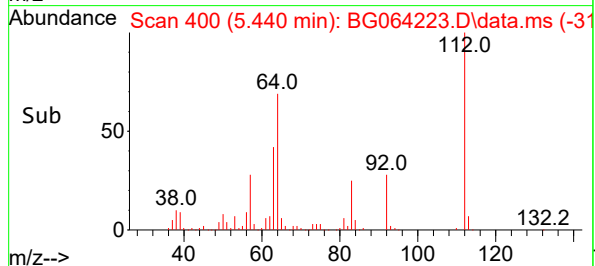
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:112 Resp: 182709
Ion Ratio Lower Upper
112 100
64 68.9 51.8 77.6
63 42.4 30.6 45.8

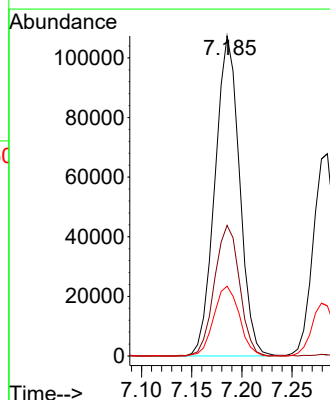
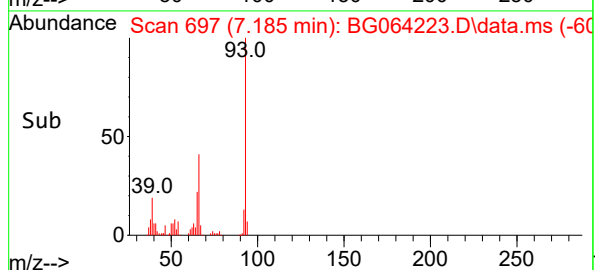
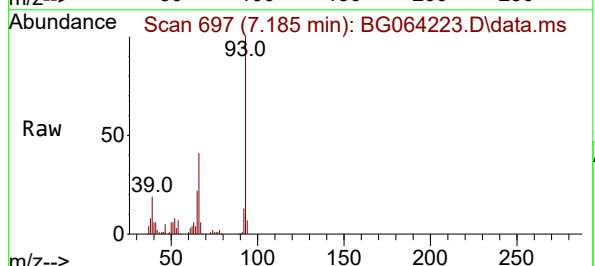
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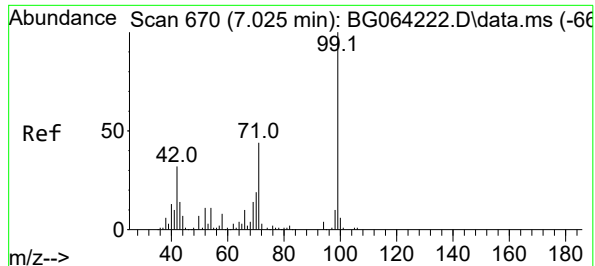
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#6
Aniline
Concen: 50.772 ng
RT: 7.185 min Scan# 697
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

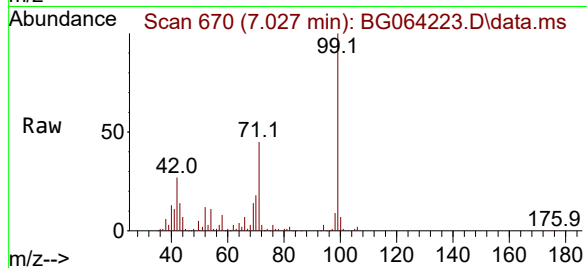
Tgt Ion: 93 Resp: 182696
Ion Ratio Lower Upper
93 100
66 40.8 33.8 50.8
65 21.8 16.9 25.3





#7
Phenol-d6
Concen: 99.362 ng
RT: 7.027 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

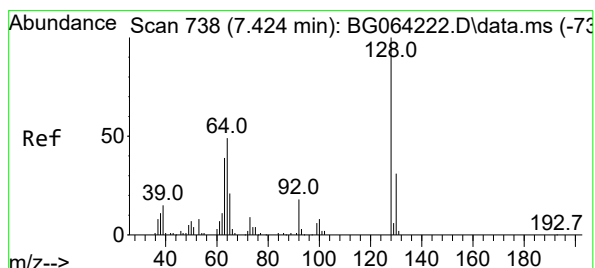
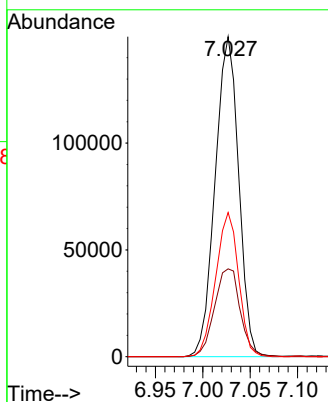
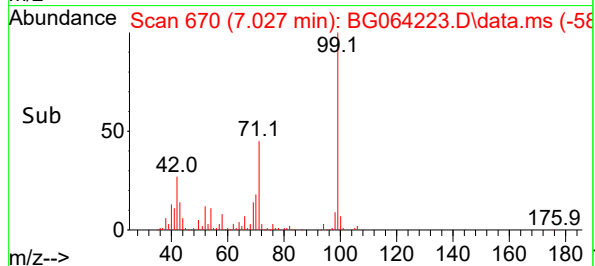
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion: 99 Resp: 258550
Ion Ratio Lower Upper
99 100
42 27.5 25.8 38.8
71 45.1 35.2 52.8

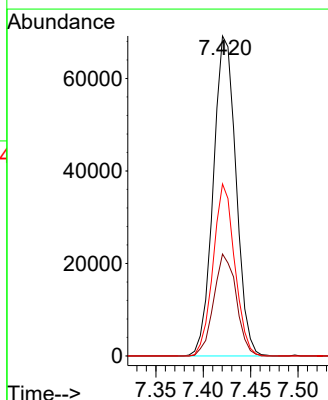
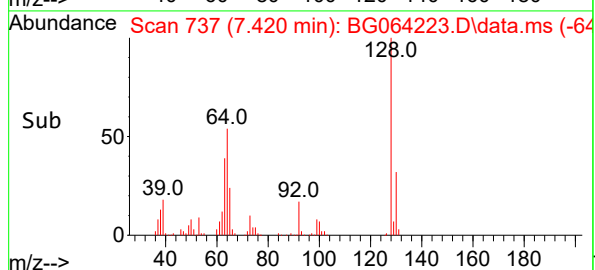
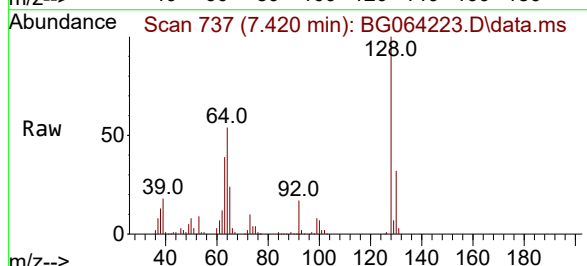
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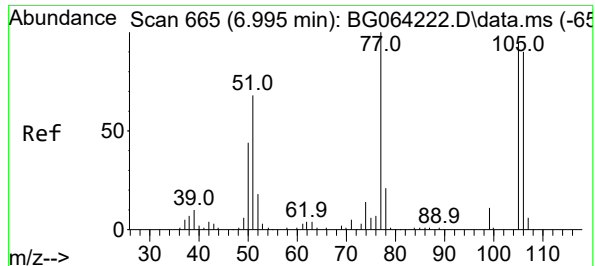
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#8
2-Chlorophenol
Concen: 49.917 ng
RT: 7.420 min Scan# 737
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

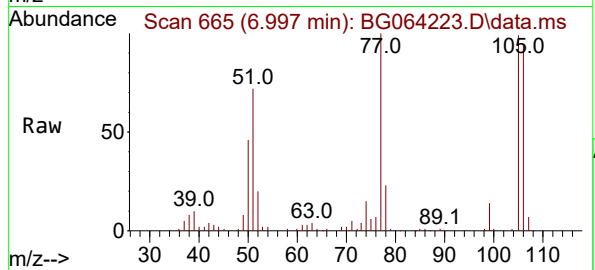
Tgt Ion:128 Resp: 115532
Ion Ratio Lower Upper
128 100
130 31.8 10.9 50.9
64 53.8 28.7 68.7





#9
Benzaldehyde
Concen: 47.310 ng m
RT: 6.997 min Scan# 665
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

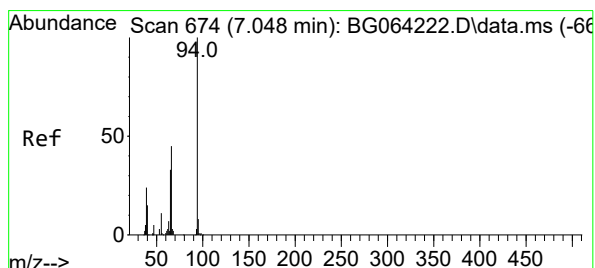
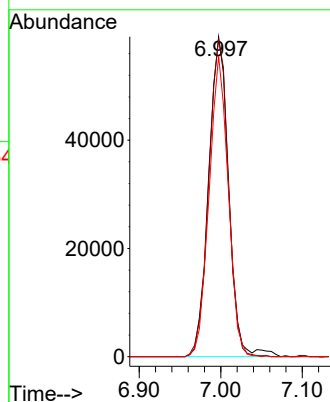
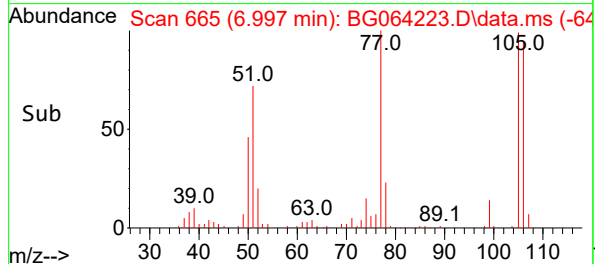
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion: 77 Resp: 101310
Ion Ratio Lower Upper
77 100
105 99.0 75.2 115.2
106 94.0 69.6 109.6

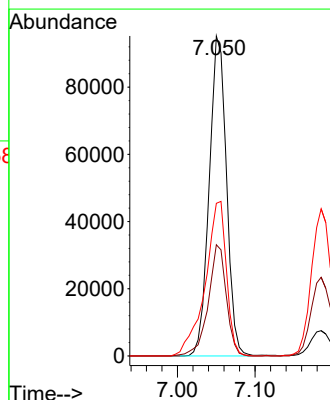
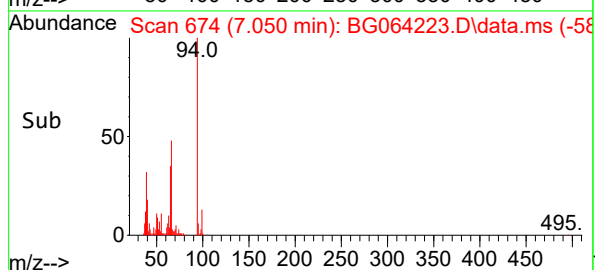
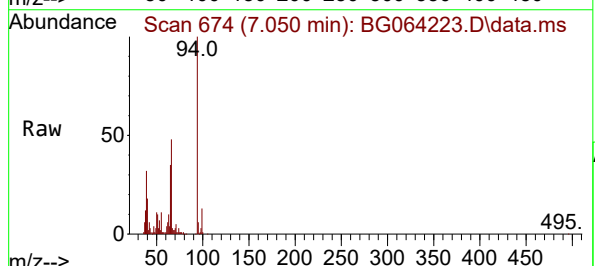
Manual Integrations
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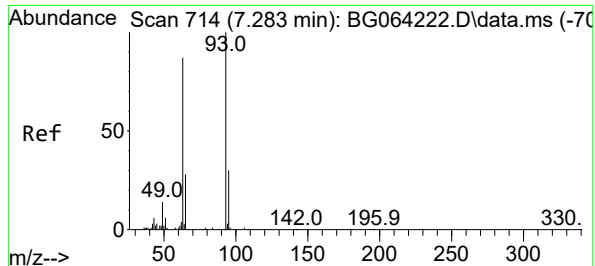
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#10
Phenol
Concen: 51.508 ng
RT: 7.050 min Scan# 674
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

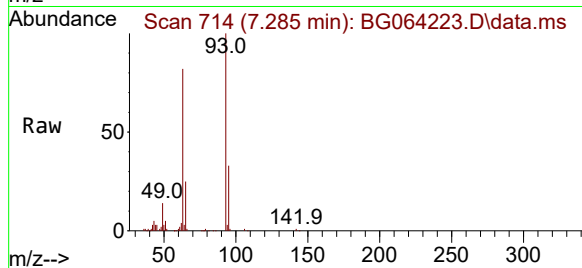
Tgt Ion: 94 Resp: 147768
Ion Ratio Lower Upper
94 100
65 34.8 13.5 53.5
66 47.7 26.2 66.2





#11
bis(2-Chloroethyl)ether
Concen: 49.444 ng
RT: 7.285 min Scan# 714
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

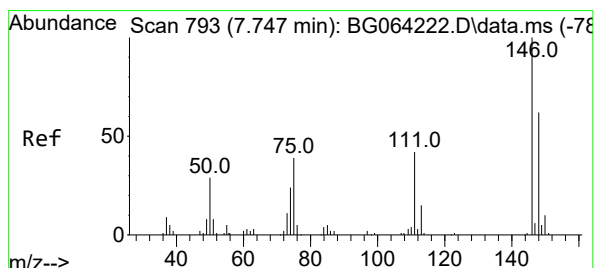
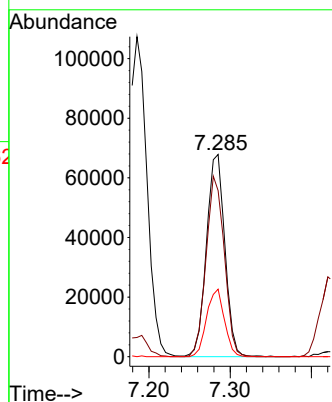
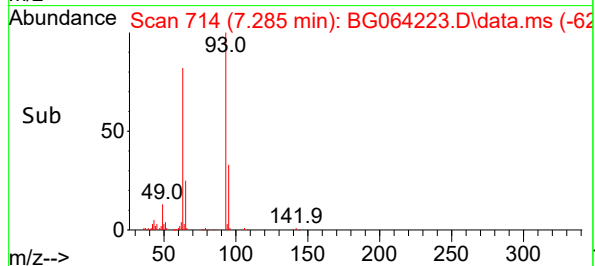
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion: 93 Resp: 106590
Ion Ratio Lower Upper
93 100
63 82.1 66.2 106.2
95 33.4 9.8 49.8

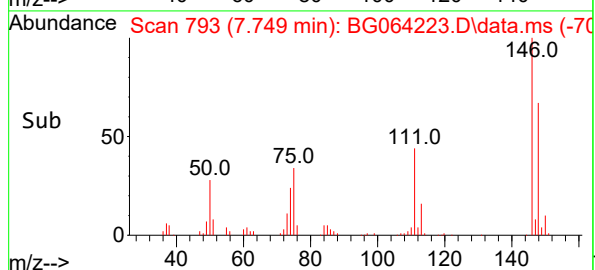
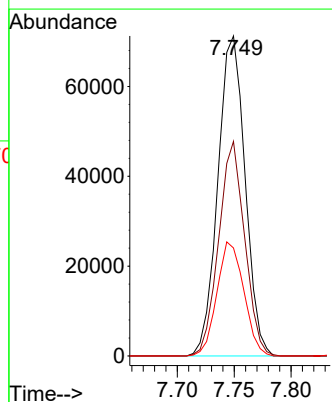
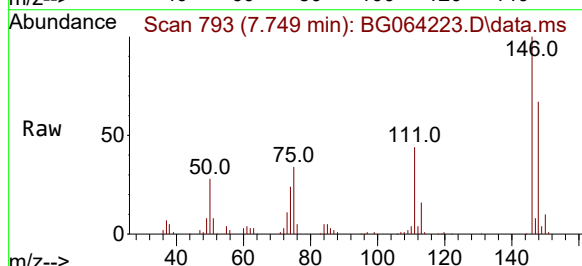
Manual Integrations
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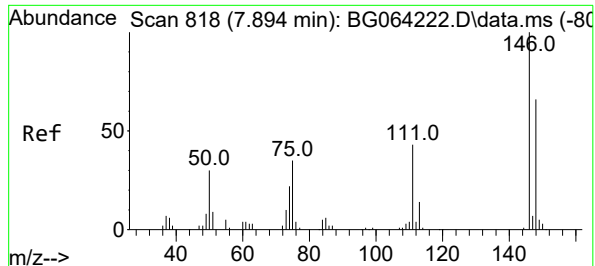
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#12
1,3-Dichlorobenzene
Concen: 48.091 ng
RT: 7.749 min Scan# 793
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:146 Resp: 118413
Ion Ratio Lower Upper
146 100
148 67.0 49.6 74.4
75 33.7 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 48.745 ng

RT: 7.890 min Scan# 818

Delta R.T. -0.004 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:146 Resp: 12113

Ion Ratio Lower Upper

146 100

148 63.5 52.8 79.2

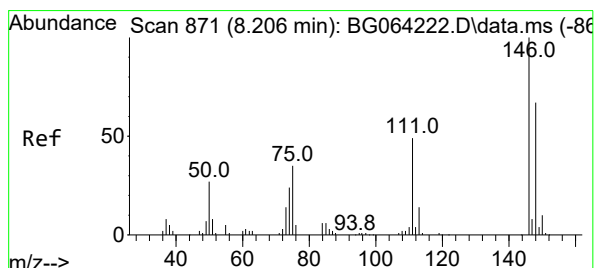
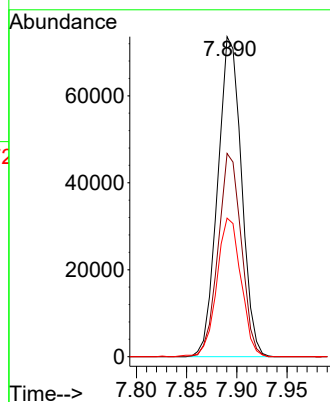
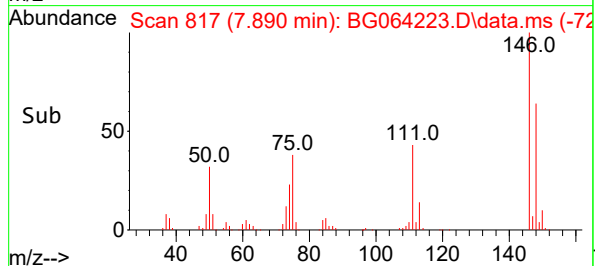
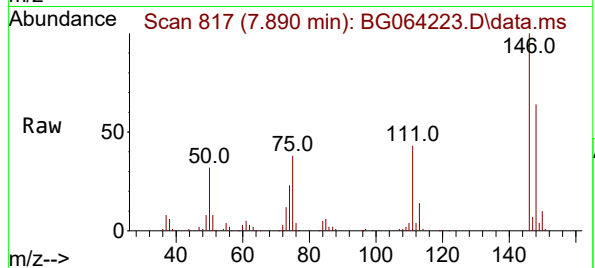
111 43.3 34.1 51.1

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#14

1,2-Dichlorobenzene

Concen: 48.346 ng

RT: 8.208 min Scan# 871

Delta R.T. -0.004 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

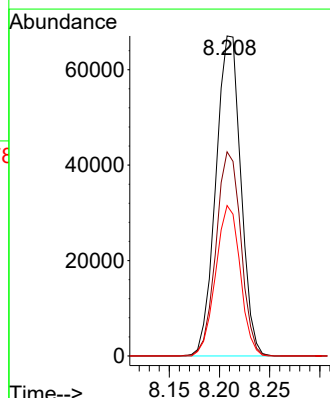
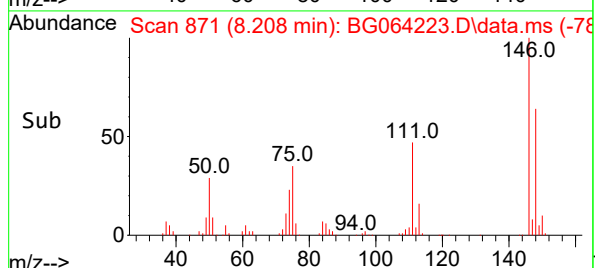
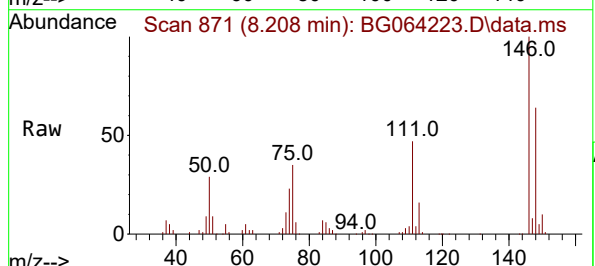
Tgt Ion:146 Resp: 115952

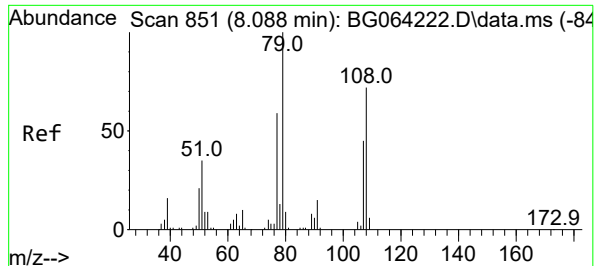
Ion Ratio Lower Upper

146 100

148 63.8 53.4 80.0

111 47.0 39.1 58.7





#15

Benzyl Alcohol

Concen: 50.666 ng

RT: 8.096 min Scan# 8

Delta R.T. 0.002 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion: 79 Resp: 121664

Ion Ratio Lower Upper

79 100

108 70.2 57.4 86.0

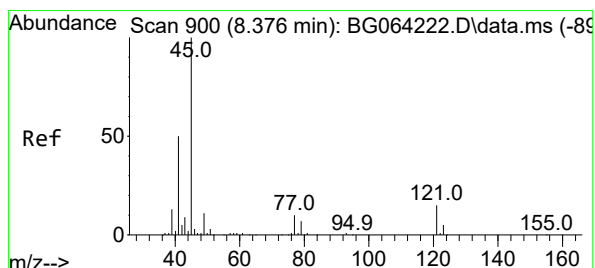
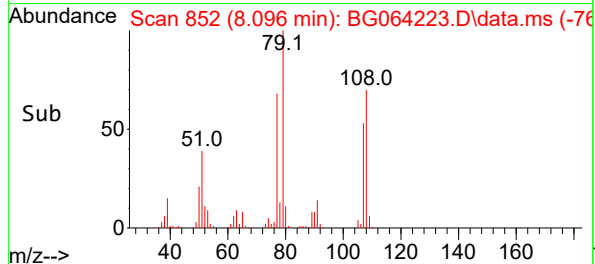
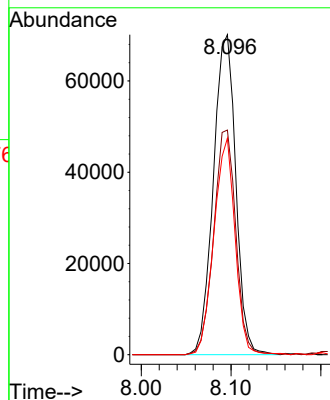
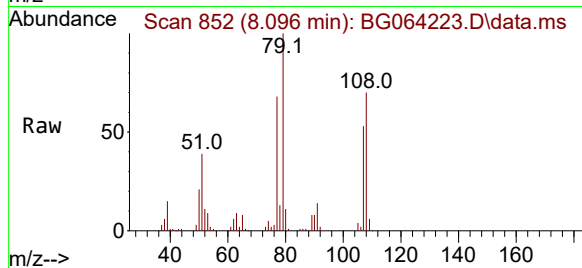
77 67.6 47.2 70.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.772 ng

RT: 8.378 min Scan# 900

Delta R.T. 0.002 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

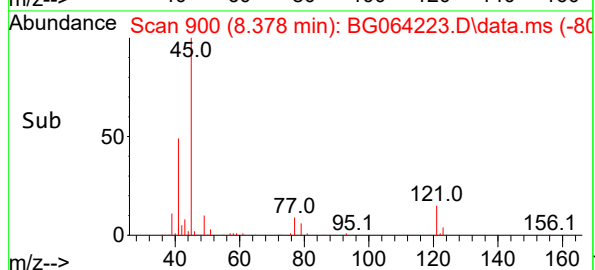
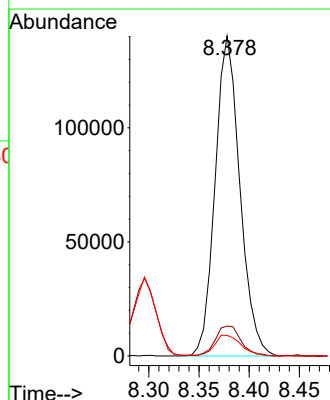
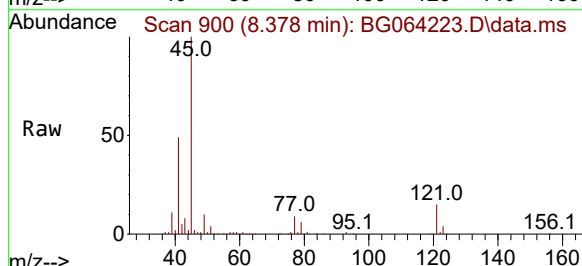
Tgt Ion: 45 Resp: 240049

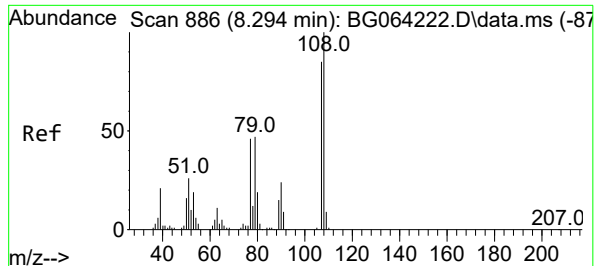
Ion Ratio Lower Upper

45 100

77 9.4 0.0 30.0

79 6.5 0.0 27.9





#17

2-Methylphenol

Concen: 48.380 ng

RT: 8.296 min Scan# 81

Delta R.T. -0.004 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:107 Resp: 10344

Ion Ratio Lower Upper

107 100

108 109.8 94.6 141.8

77 53.9 43.7 65.5

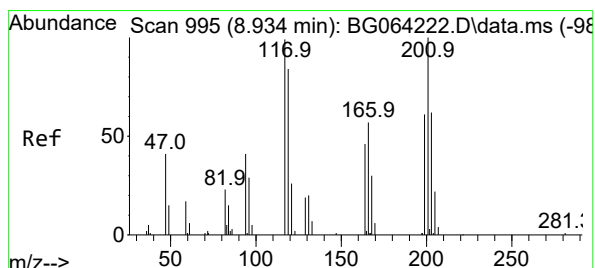
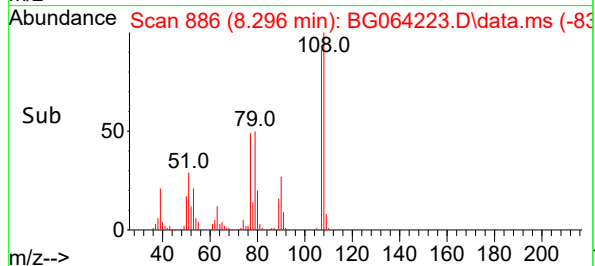
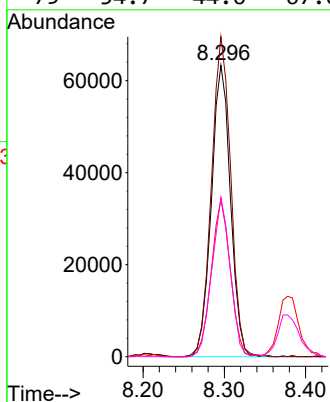
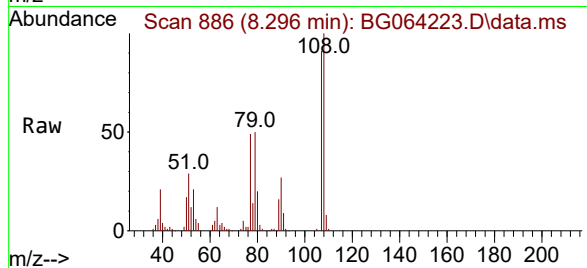
79 54.7 44.6 67.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#18

Hexachloroethane

Concen: 50.074 ng

RT: 8.936 min Scan# 995

Delta R.T. 0.002 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

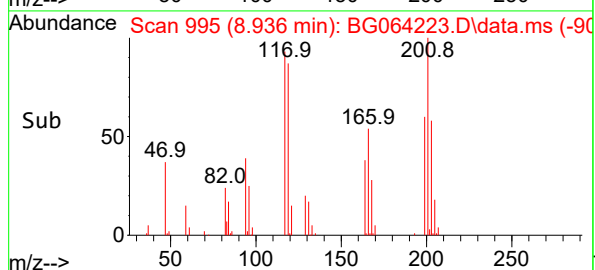
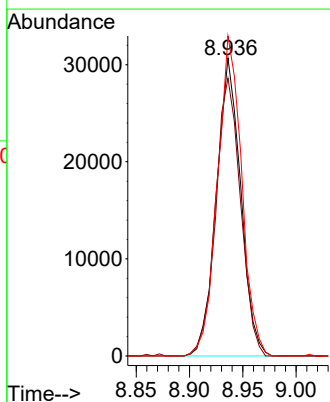
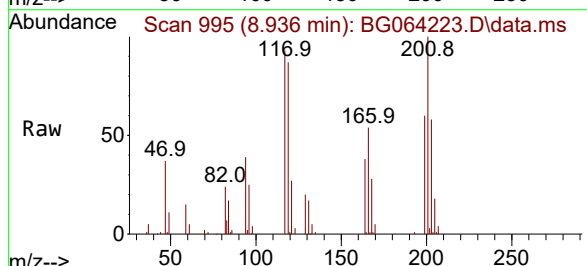
Tgt Ion:117 Resp: 48573

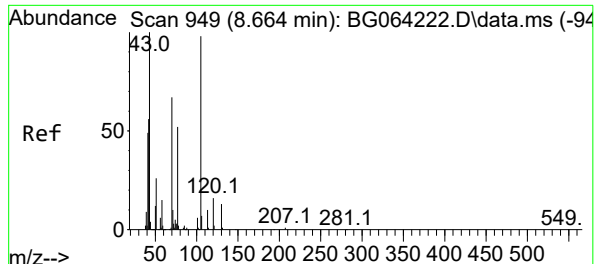
Ion Ratio Lower Upper

117 100

119 93.2 67.9 101.9

201 107.3 80.5 120.7





#19

n-Nitroso-di-n-propylamine

Concen: 51.679 ng

RT: 8.666 min Scan# 949

Delta R.T. 0.002 min

Lab File: BG064223.D

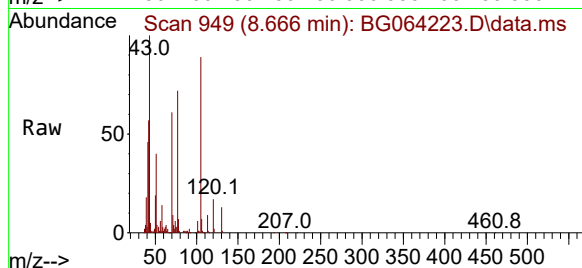
Acq: 28 Aug 2025 14:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC050



Tgt Ion: 70 Resp: 102918

Ion Ratio Lower Upper

70 100

42 92.2 67.9 101.9

101 10.5 7.3 10.9

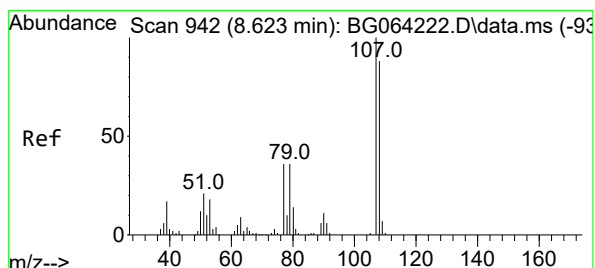
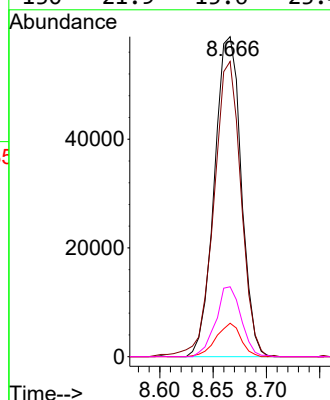
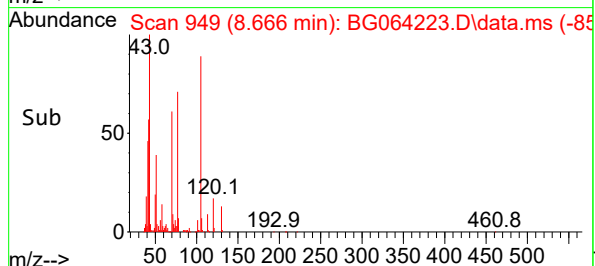
130 21.9 15.6 23.4

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#20

3+4-Methylphenols

Concen: 50.040 ng

RT: 8.625 min Scan# 942

Delta R.T. -0.004 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

Tgt Ion:107 Resp: 148663

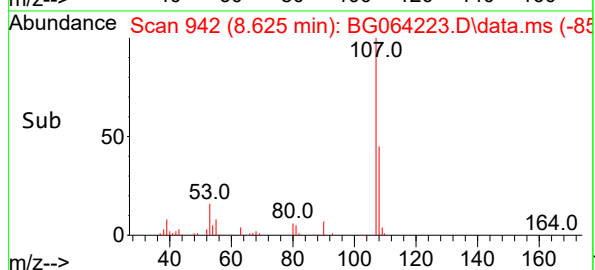
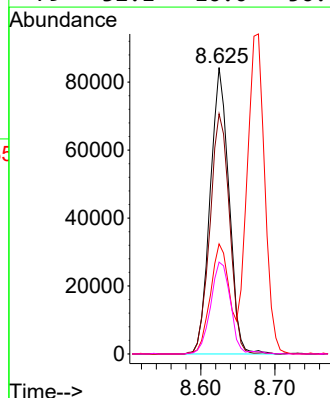
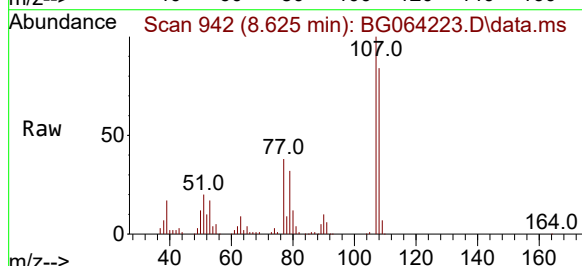
Ion Ratio Lower Upper

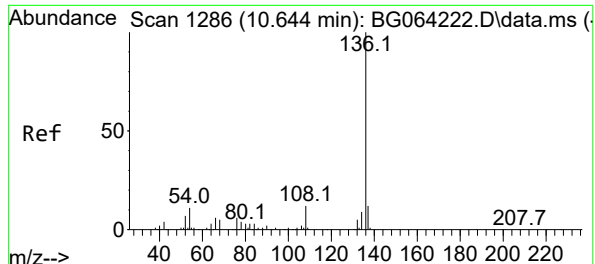
107 100

108 83.9 68.1 108.1

77 38.4 15.9 55.9

79 32.1 16.0 56.0





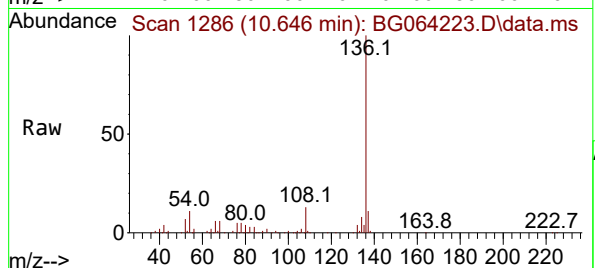
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.646 min Scan# 1286
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

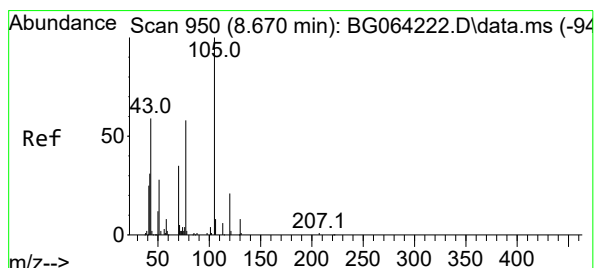
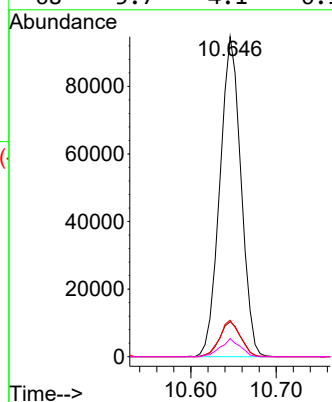
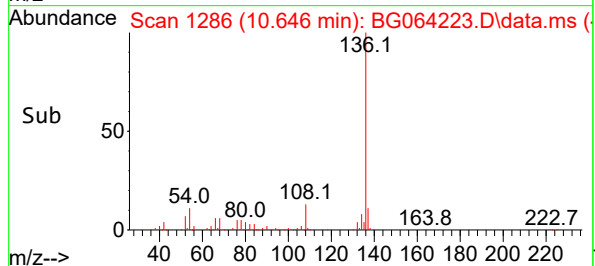


Tgt Ion:136 Resp: 162789
Ion Ratio Lower Upper
136 100
137 10.9 9.6 14.4
54 11.4 8.8 13.2
68 5.7 4.1 6.1

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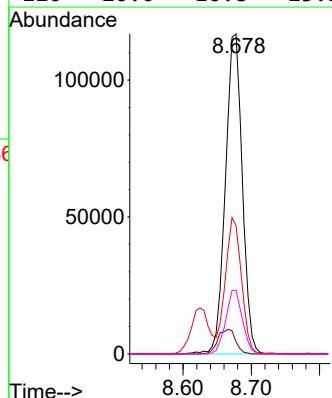
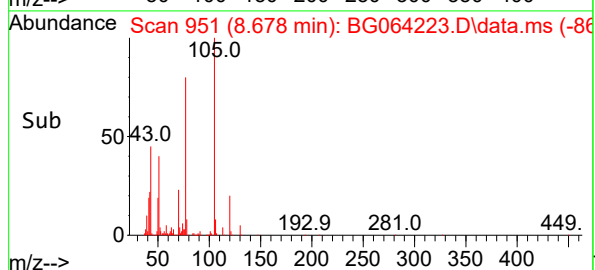
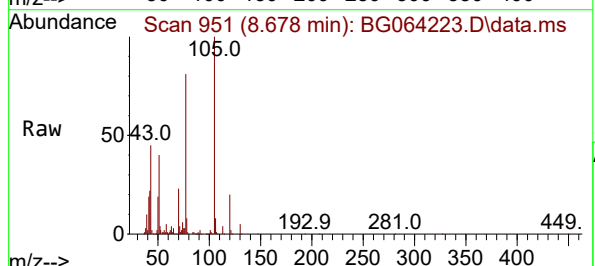
APPROVED

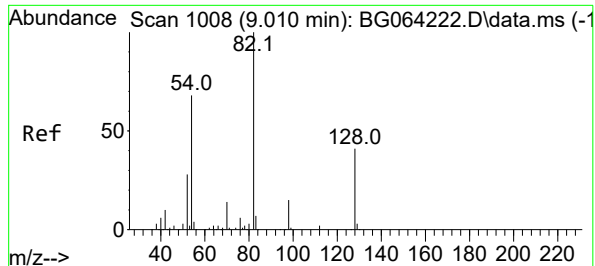
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#22
Acetophenone
Concen: 48.977 ng
RT: 8.678 min Scan# 951
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

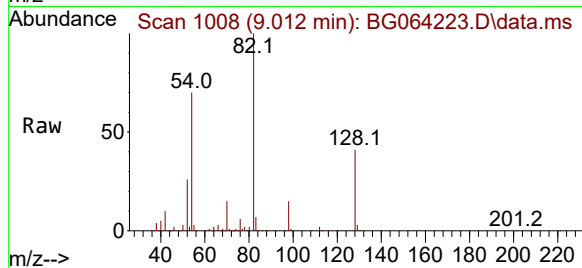
Tgt Ion:105 Resp: 201707
Ion Ratio Lower Upper
105 100
71 3.7 4.3 6.5#
51 40.2 32.4 48.6
120 20.0 16.8 25.2





#23
Nitrobenzene-d5
Concen: 99.528 ng
RT: 9.012 min Scan# 1008
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

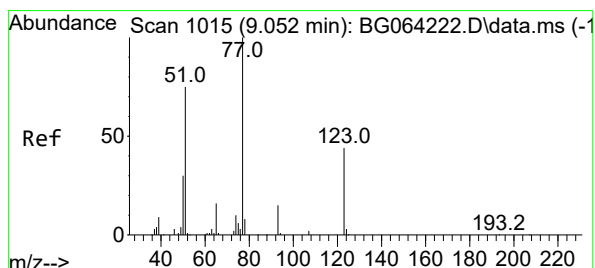
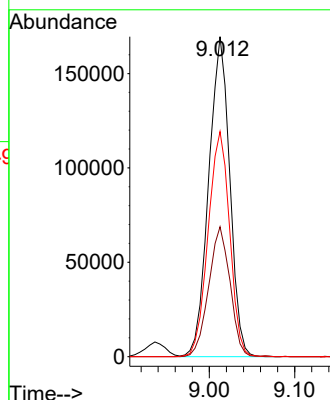
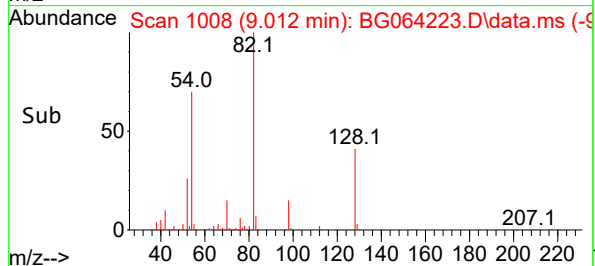
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion: 82 Resp: 29051
Ion Ratio Lower Upper
82 100
128 40.6 32.6 48.8
54 70.4 54.7 82.1

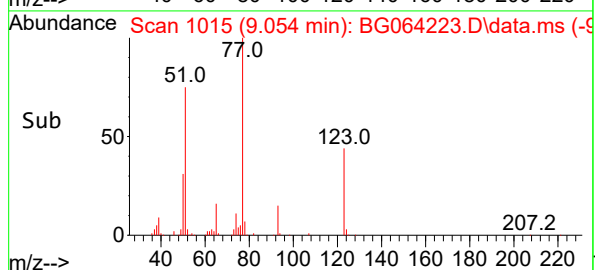
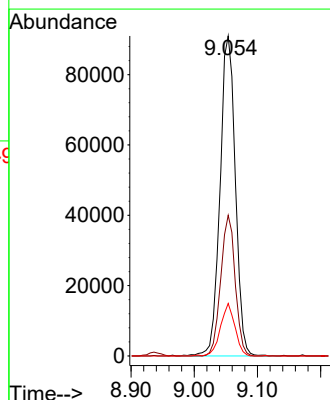
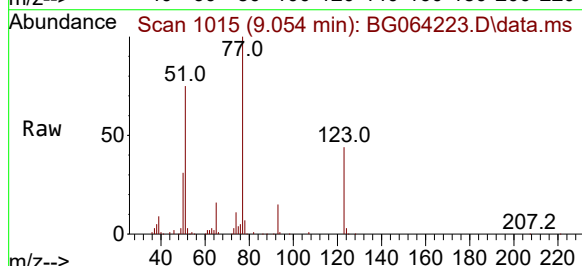
Manual Integrations
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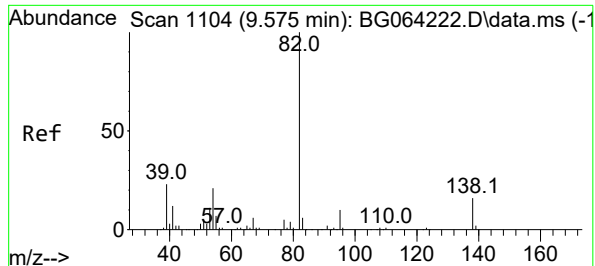
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#24
Nitrobenzene
Concen: 50.343 ng
RT: 9.054 min Scan# 1015
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

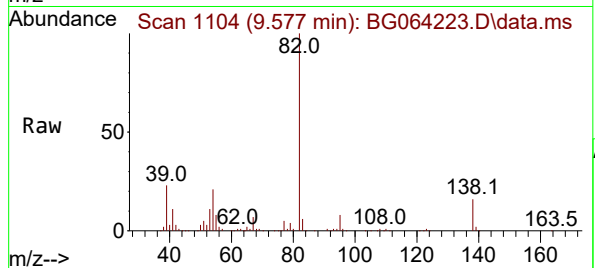
Tgt Ion: 77 Resp: 153531
Ion Ratio Lower Upper
77 100
123 43.9 35.2 52.8
65 16.4 12.6 19.0





#25
Isophorone
Concen: 49.174 ng
RT: 9.577 min Scan# 1104
Delta R.T. -0.010 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

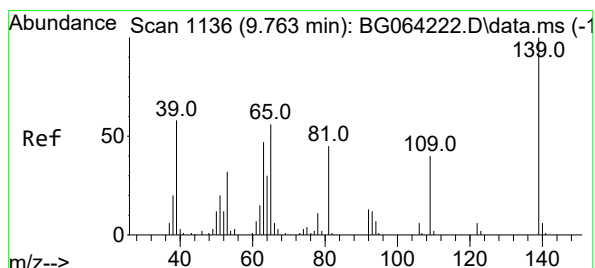
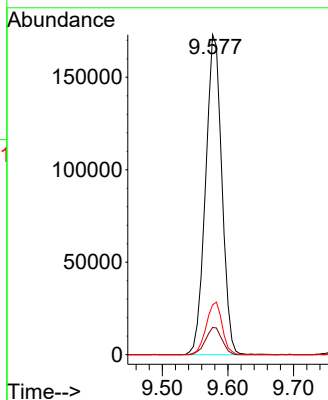
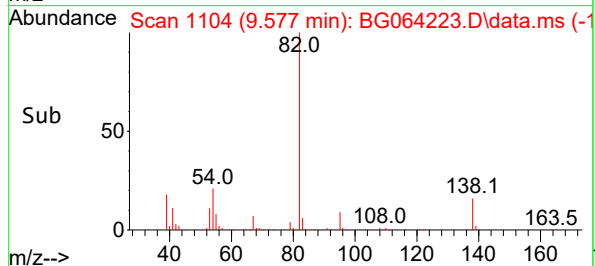
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion: 82 Resp: 298308
Ion Ratio Lower Upper
82 100
95 8.5 7.9 11.9
138 15.5 13.0 19.4

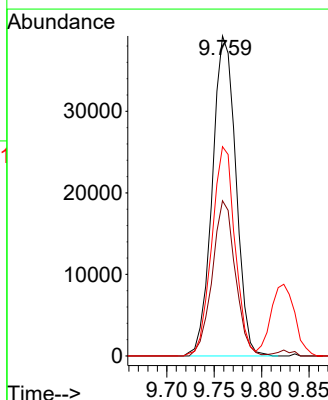
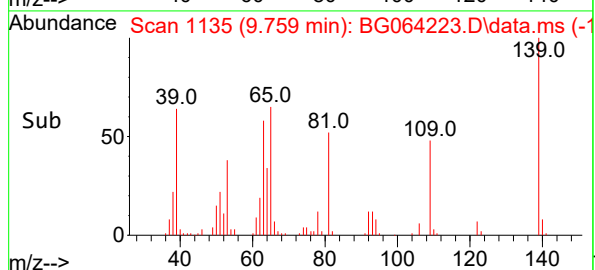
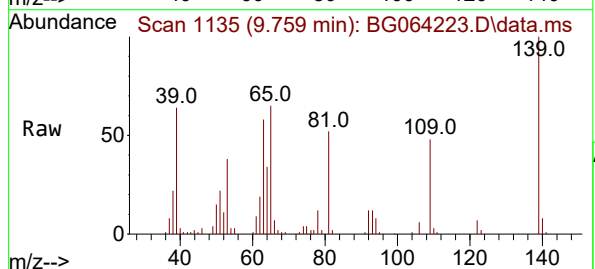
Manual Integrations
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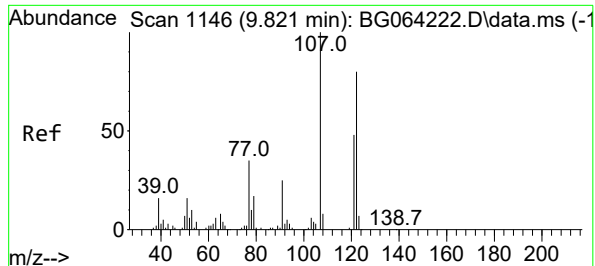
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#26
2-Nitrophenol
Concen: 51.476 ng
RT: 9.759 min Scan# 1135
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:139 Resp: 67834
Ion Ratio Lower Upper
139 100
109 48.5 32.4 48.6
65 65.4 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 48.601 ng

RT: 9.823 min Scan# 1146

Delta R.T. -0.004 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:122 Resp: 11244

Ion Ratio Lower Upper

122 100

107 124.5 99.9 149.9

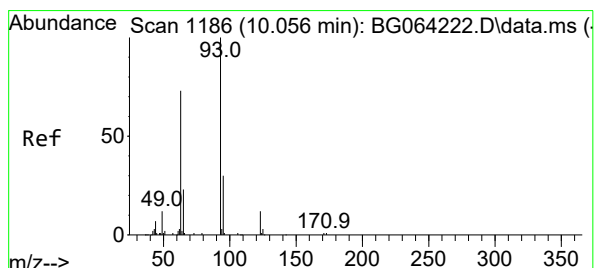
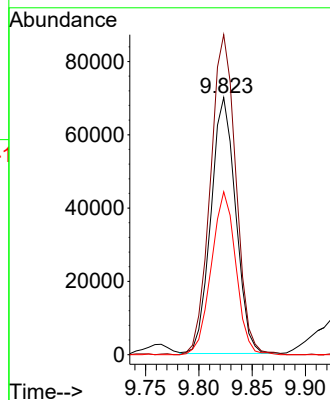
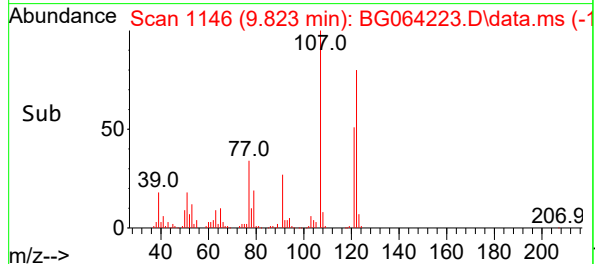
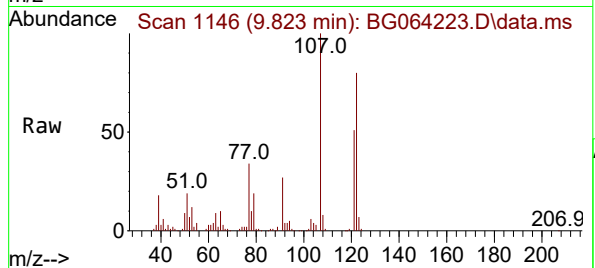
121 63.3 48.6 72.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#28

bis(2-Chloroethoxy)methane

Concen: 48.505 ng

RT: 10.058 min Scan# 1186

Delta R.T. -0.004 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

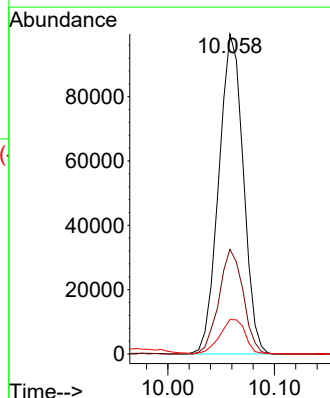
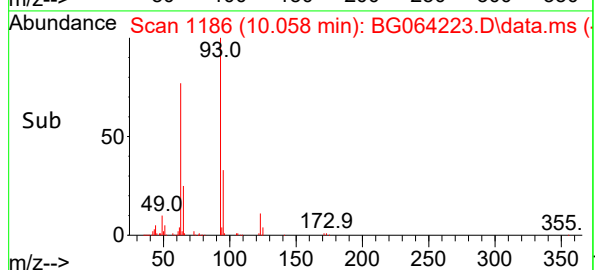
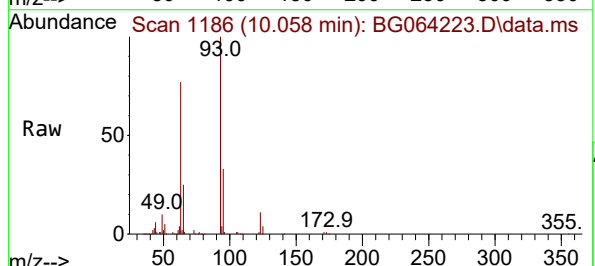
Tgt Ion: 93 Resp: 158665

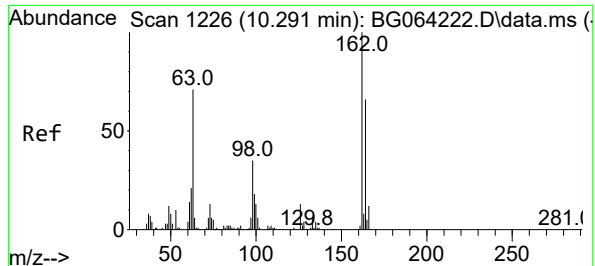
Ion Ratio Lower Upper

93 100

95 32.7 23.9 35.9

123 10.7 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 49.838 ng

RT: 10.293 min Scan# 1226

Delta R.T. -0.004 min

Lab File: BG064223.D

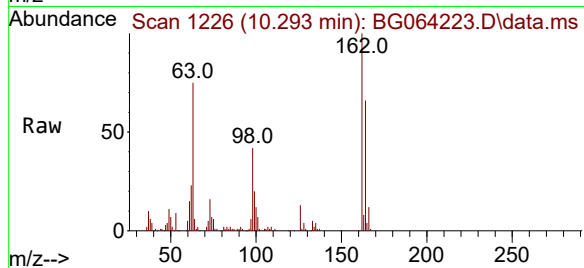
Acq: 28 Aug 2025 14:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC050



Tgt Ion:162 Resp: 12166

Ion Ratio Lower Upper

162 100

164 65.6 45.8 85.8

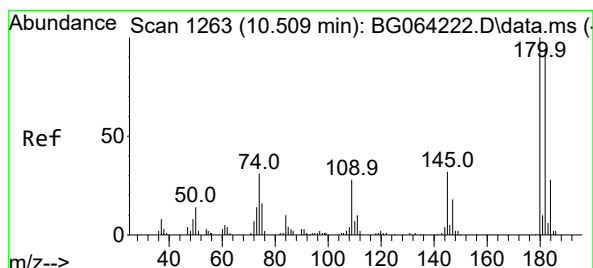
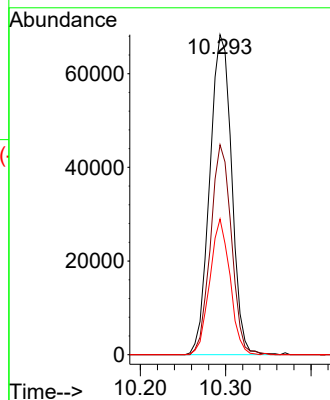
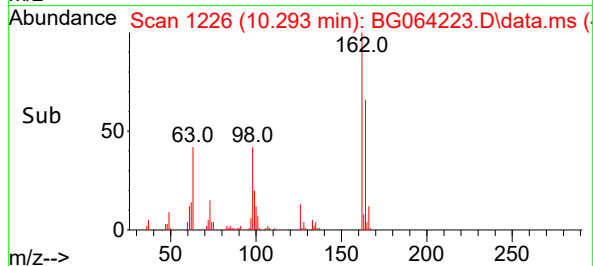
98 42.4 15.2 55.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#30

1,2,4-Trichlorobenzene

Concen: 48.771 ng

RT: 10.511 min Scan# 1263

Delta R.T. 0.002 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

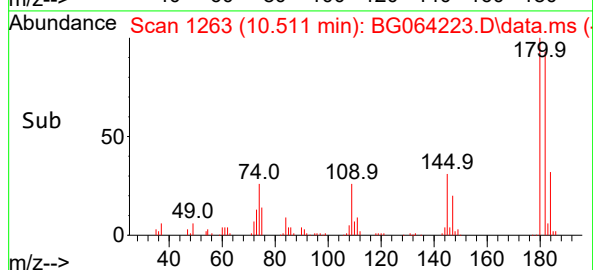
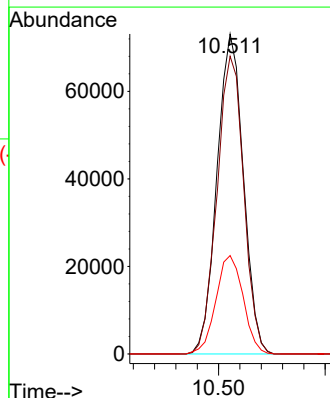
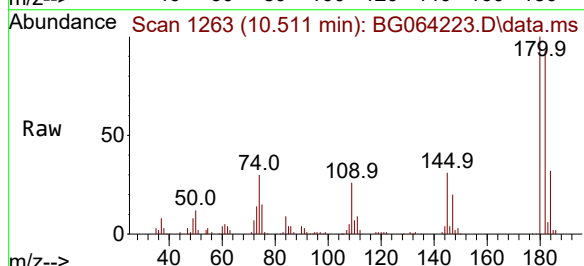
Tgt Ion:180 Resp: 125532

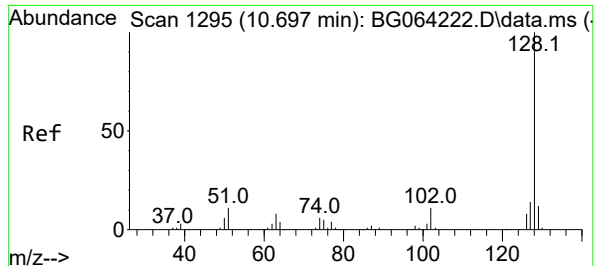
Ion Ratio Lower Upper

180 100

182 93.0 75.0 112.6

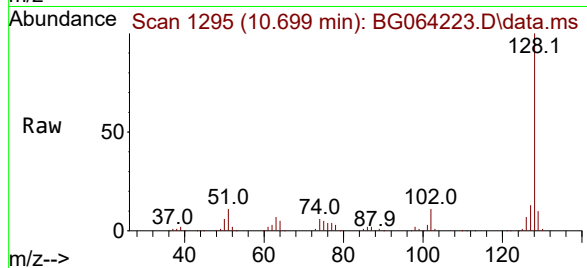
145 30.8 25.4 38.0





#31
Naphthalene
Concen: 48.392 ng
RT: 10.699 min Scan# 1173
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

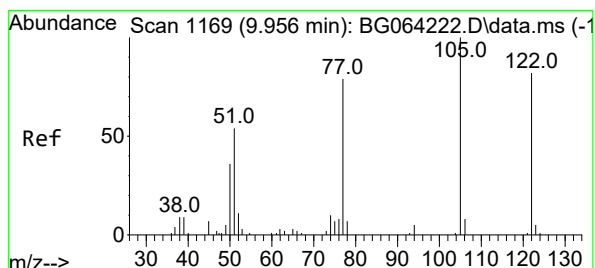
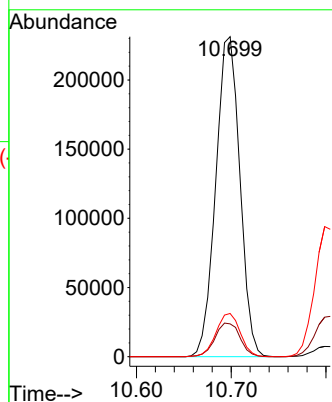
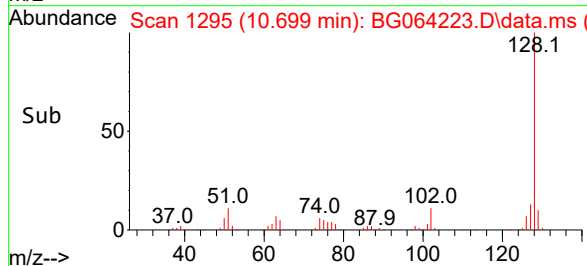
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:128 Resp: 408504
Ion Ratio Lower Upper
128 100
129 10.2 9.4 14.2
127 13.5 10.9 16.3

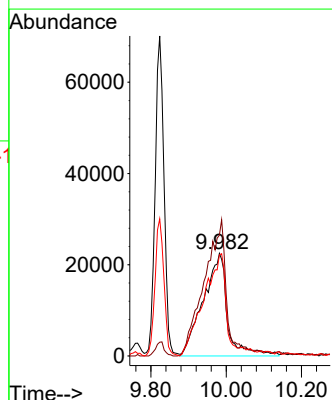
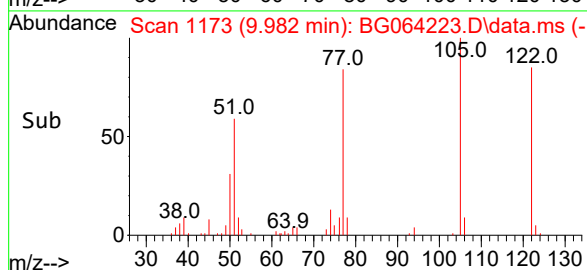
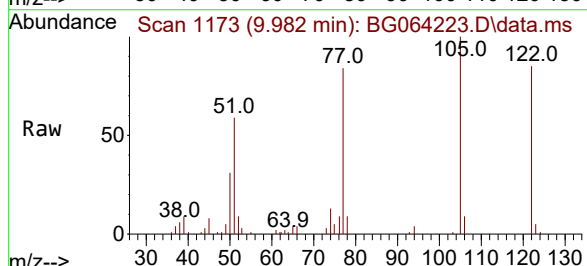
Manual Integrations
APPROVED

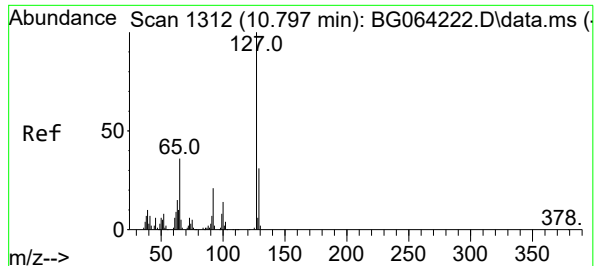
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#32
Benzoic acid
Concen: 54.670 ng m
RT: 9.982 min Scan# 1173
Delta R.T. -0.034 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

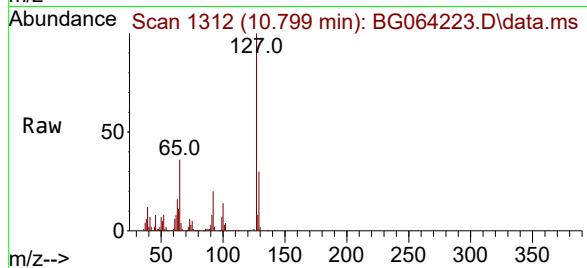
Tgt Ion:122 Resp: 100402
Ion Ratio Lower Upper
122 100
105 117.9 98.5 138.5
77 98.6 74.6 114.6





#33
4-Chloroaniline
Concen: 51.147 ng
RT: 10.799 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

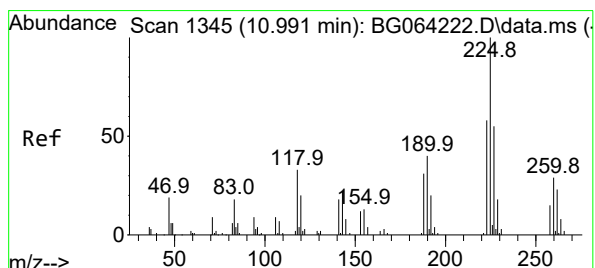
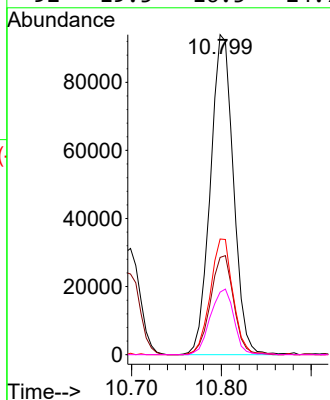
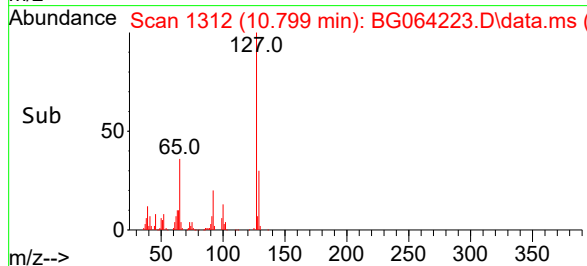
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:127 Resp: 16734
Ion Ratio Lower Upper
127 100
129 30.4 25.0 37.4
65 36.1 28.7 43.1
92 19.5 16.5 24.7

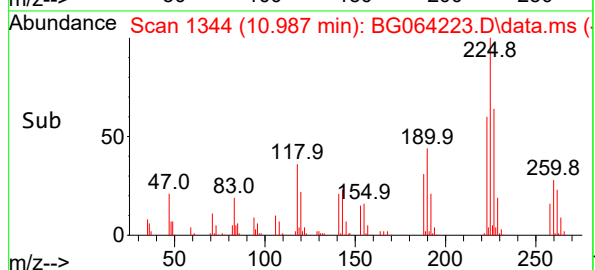
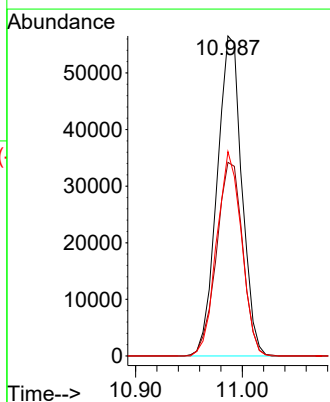
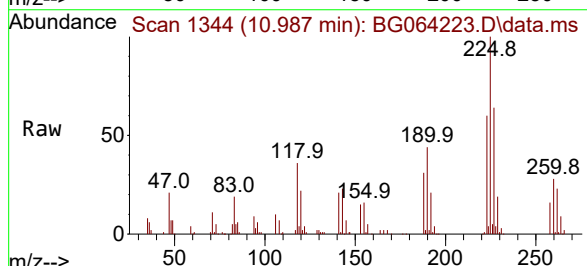
Manual Integrations
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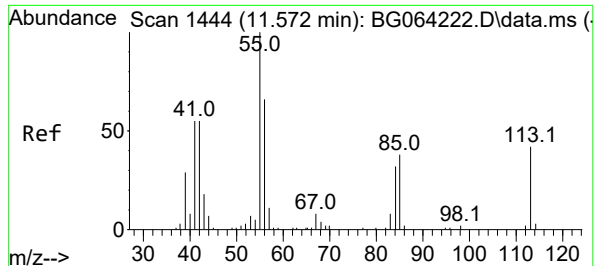
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#34
Hexachlorobutadiene
Concen: 47.853 ng
RT: 10.987 min Scan# 1344
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

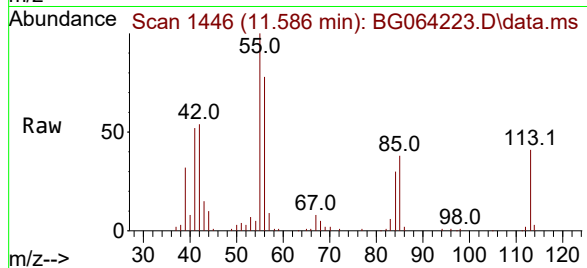
Tgt Ion:225 Resp: 91046
Ion Ratio Lower Upper
225 100
223 64.1 46.5 69.7
227 63.8 44.1 66.1





#35
Caprolactam
Concen: 48.275 ng
RT: 11.586 min Scan# 1446
Delta R.T. -0.016 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

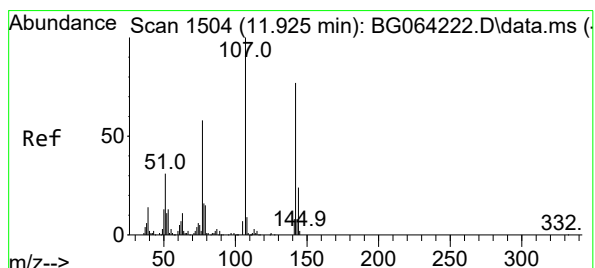
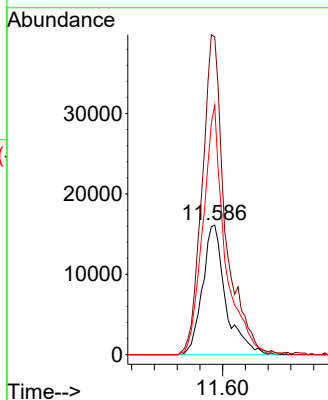
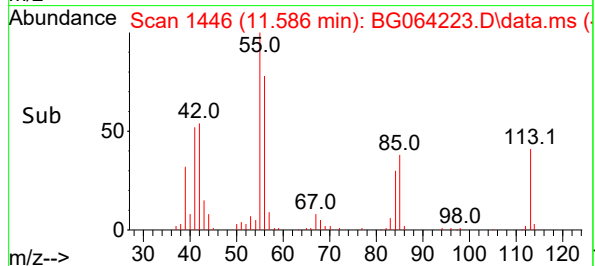
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:113 Resp: 4563
Ion Ratio Lower Upper
113 100
55 245.2 218.5 258.5
56 192.5 138.5 178.5

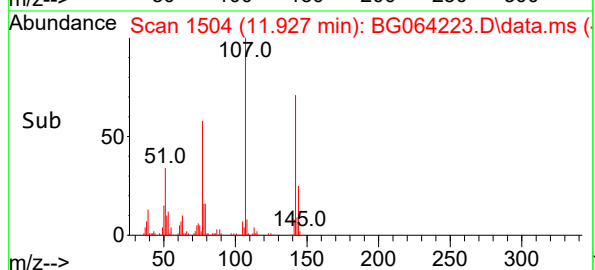
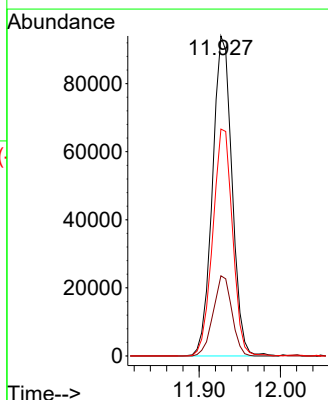
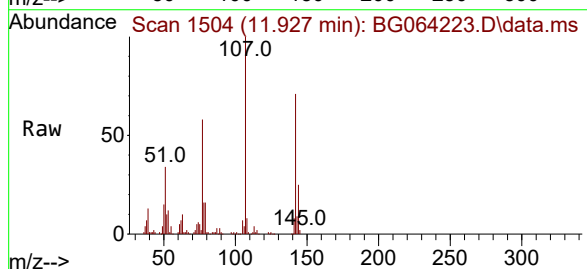
Manual Integrations
APPROVED

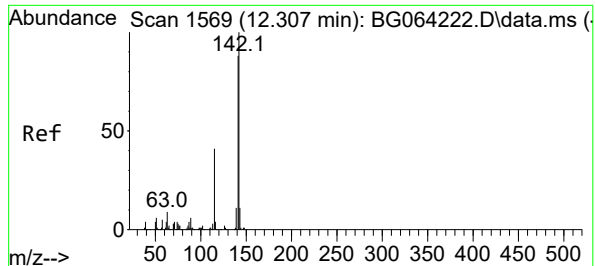
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#36
4-Chloro-3-methylphenol
Concen: 49.630 ng
RT: 11.927 min Scan# 1504
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

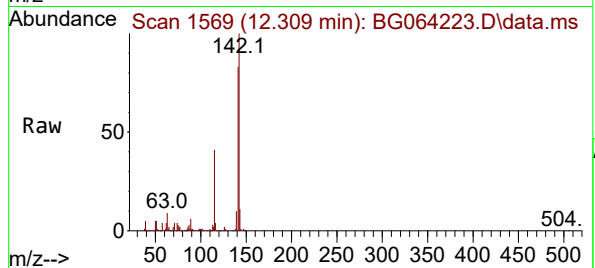
Tgt Ion:107 Resp: 157192
Ion Ratio Lower Upper
107 100
144 25.0 19.5 29.3
142 70.9 62.0 93.0





#37
2-Methylnaphthalene
Concen: 49.089 ng
RT: 12.309 min Scan# 1569
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

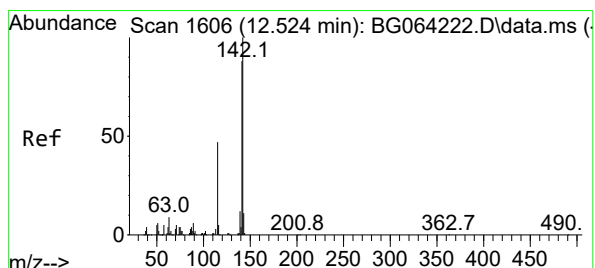
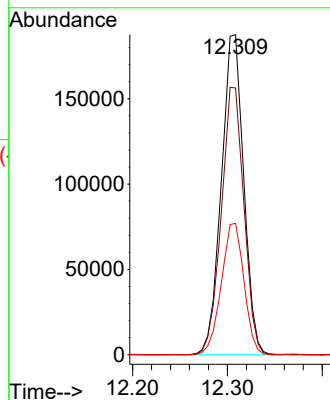
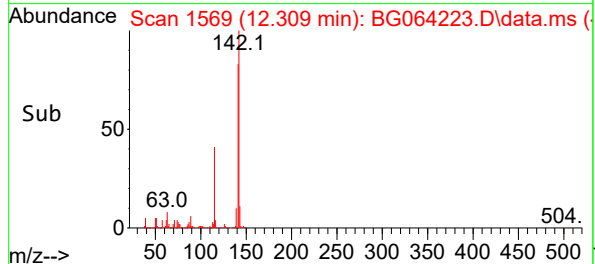
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



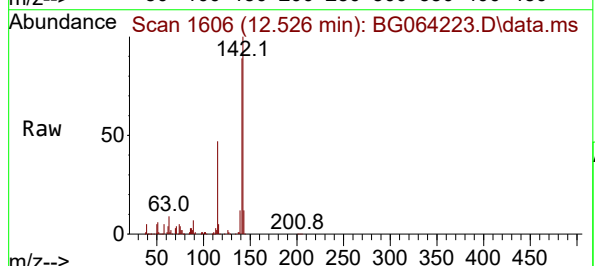
Tgt Ion:142 Resp: 308014
Ion Ratio Lower Upper
142 100
141 83.4 70.1 105.1
115 41.0 33.1 49.7

Manual Integrations
APPROVED

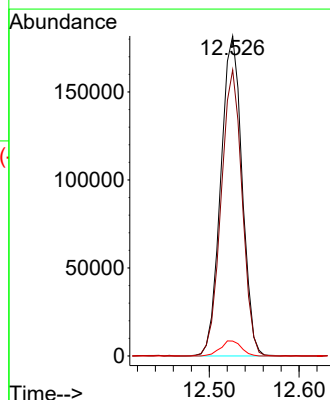
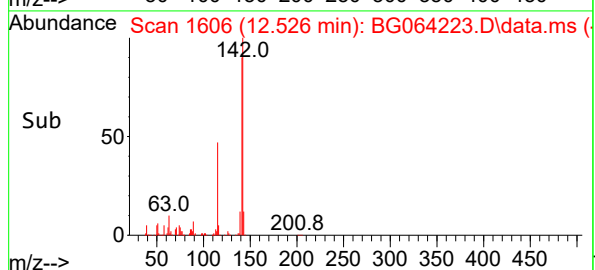
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

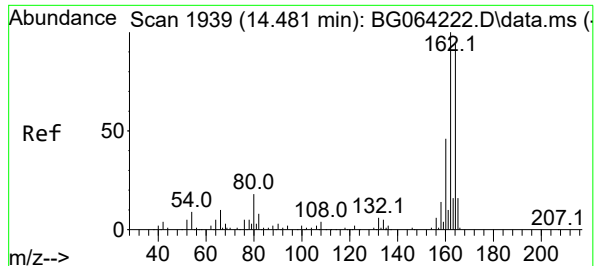


#38
1-Methylnaphthalene
Concen: 48.315 ng
RT: 12.526 min Scan# 1606
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55



Tgt Ion:142 Resp: 299438
Ion Ratio Lower Upper
142 100
141 89.4 70.3 105.5
116 4.6 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.483 min Scan# 1939

Delta R.T. 0.002 min

Lab File: BG064223.D

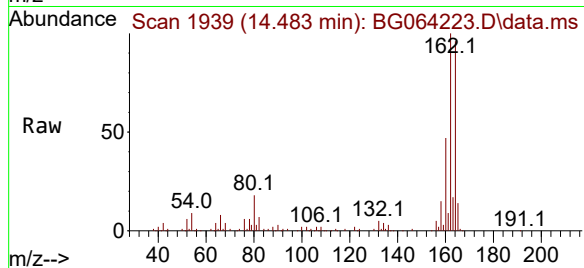
Acq: 28 Aug 2025 14:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC050



Tgt Ion:164 Resp: 113459

Ion Ratio Lower Upper

164 100

162 104.5 85.4 128.0

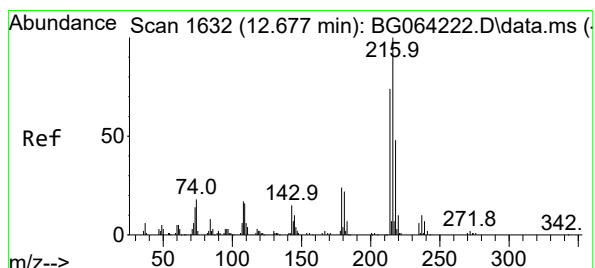
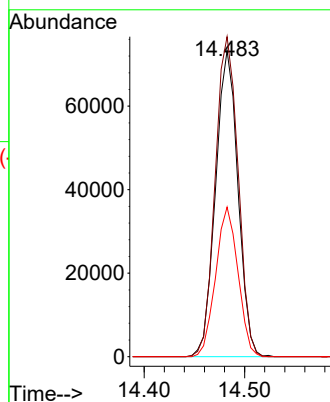
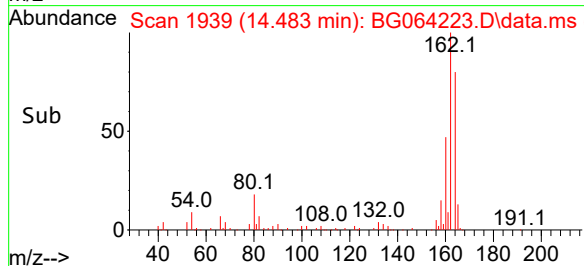
160 48.9 39.2 58.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.386 ng

RT: 12.673 min Scan# 1631

Delta R.T. -0.004 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

Tgt Ion:216 Resp: 164947

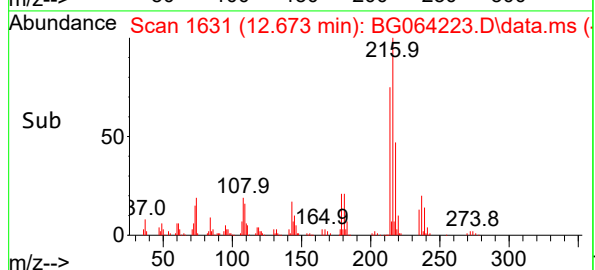
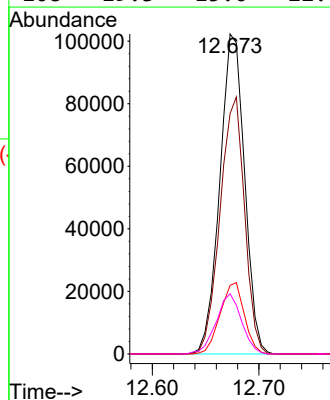
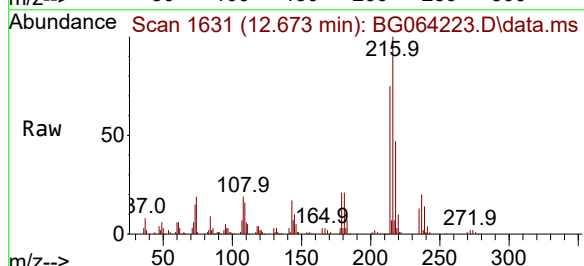
Ion Ratio Lower Upper

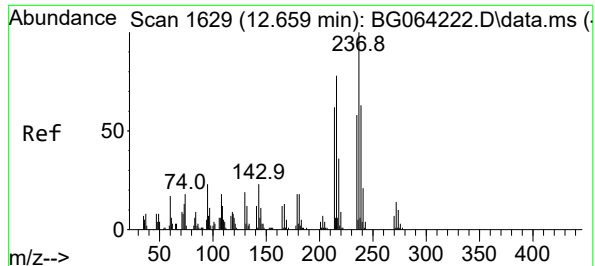
216 100

214 79.2 61.9 92.9

179 21.8 17.9 26.9

108 19.3 15.0 22.4





#41

Hexachlorocyclopentadiene

Concen: 52.851 ng

RT: 12.655 min Scan# 1628

Delta R.T. -0.004 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

Instrument :

BNA_G

ClientSampleId :

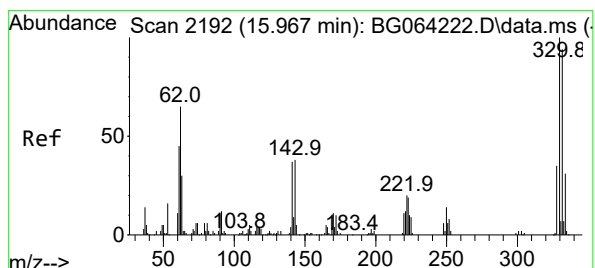
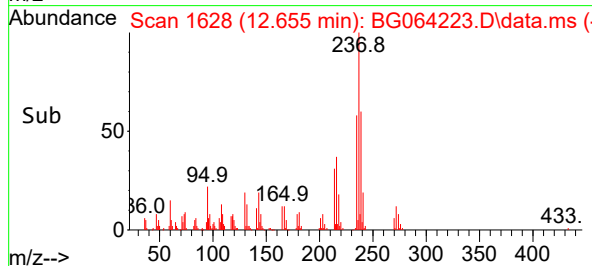
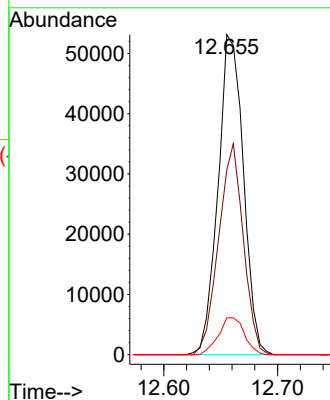
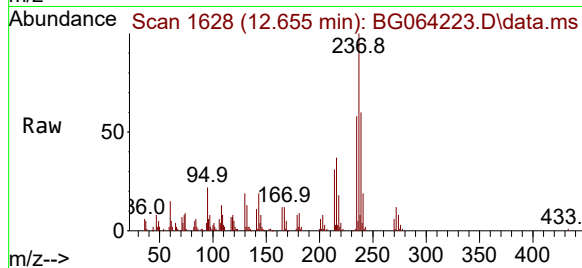
SSTDICC050

Tgt Ion:	237	Resp:	82228
Ion Ratio	Lower	Upper	
237	100		
235	57.7	37.9	77.9
272	11.5	0.0	33.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#42

2,4,6-Tribromophenol

Concen: 98.538 ng

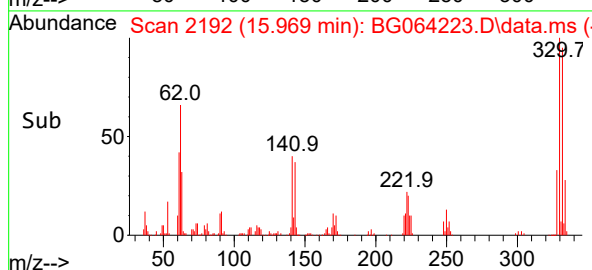
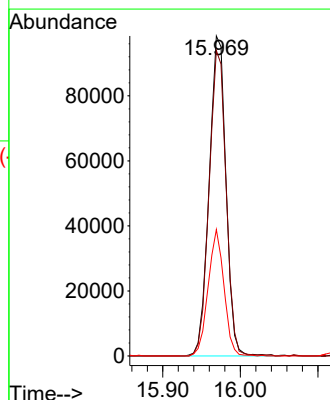
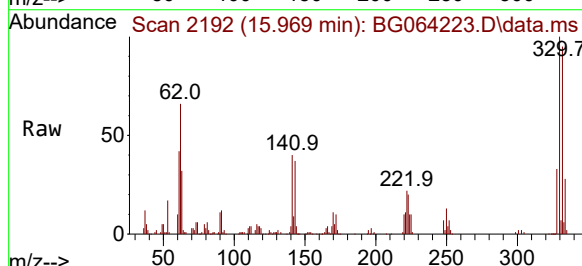
RT: 15.969 min Scan# 2192

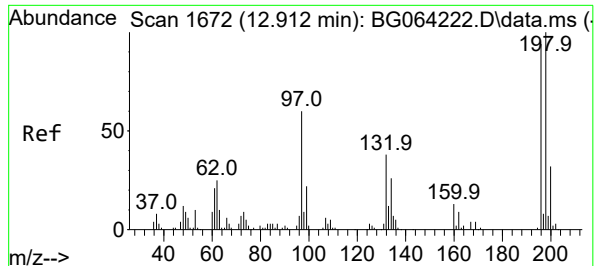
Delta R.T. -0.004 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

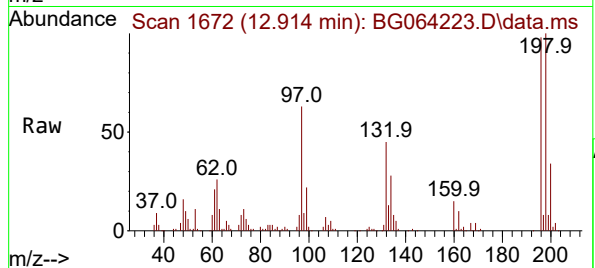
Tgt Ion:	330	Resp:	148084
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.6	116.4
141	37.2	29.8	44.6





#43
2,4,6-Trichlorophenol
Concen: 49.743 ng
RT: 12.914 min Scan# 1672
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

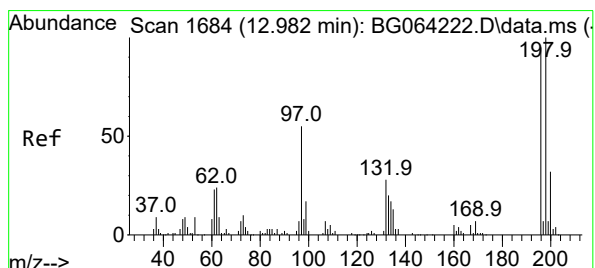
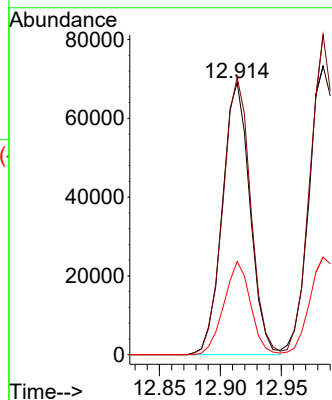
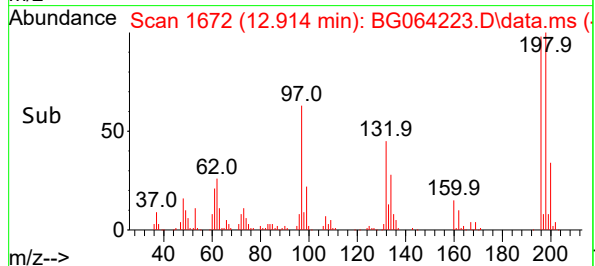
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:196 Resp: 10884
Ion Ratio Lower Upper
196 100
198 101.9 85.4 128.2
200 34.2 27.3 40.9

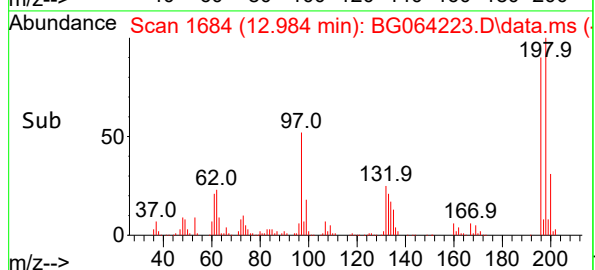
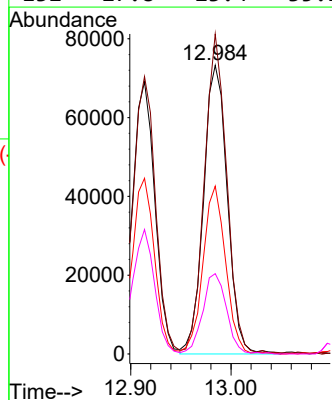
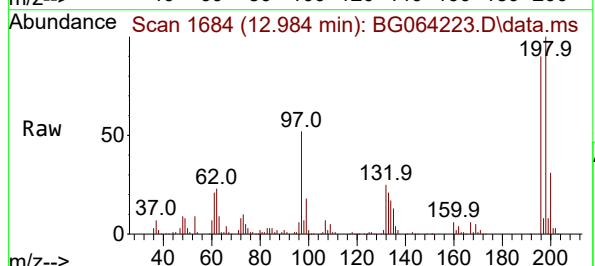
Manual Integrations
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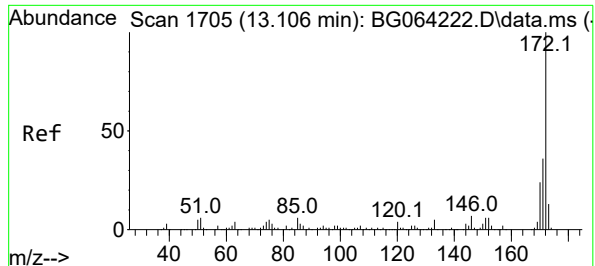
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#44
2,4,5-Trichlorophenol
Concen: 50.879 ng
RT: 12.984 min Scan# 1684
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:196 Resp: 120763
Ion Ratio Lower Upper
196 100
198 110.9 84.5 126.7
97 58.2 46.8 70.2
132 27.8 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 98.334 ng

RT: 13.108 min Scan# 1705

Delta R.T. -0.004 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:172 Resp: 730952

Ion Ratio Lower Upper

172 100

171 36.7 28.7 43.1

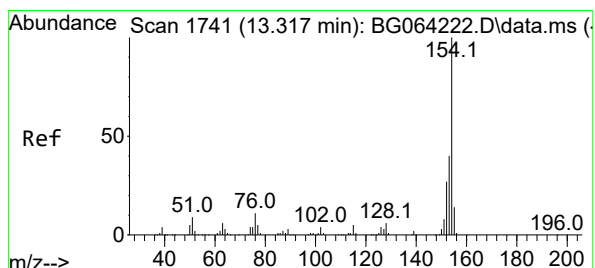
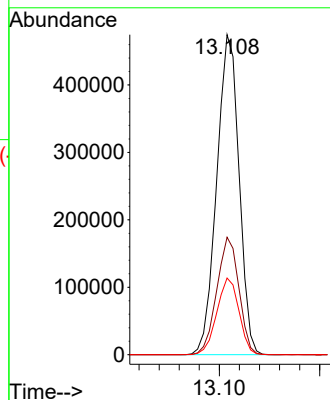
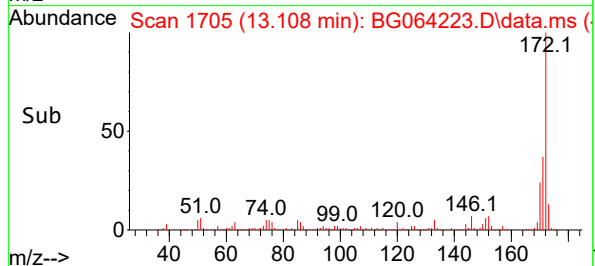
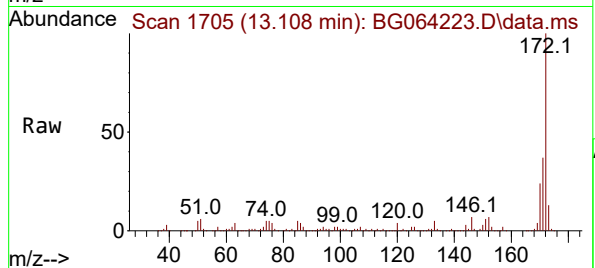
170 24.0 19.0 28.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#46

1,1'-Biphenyl

Concen: 49.719 ng

RT: 13.319 min Scan# 1741

Delta R.T. 0.002 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

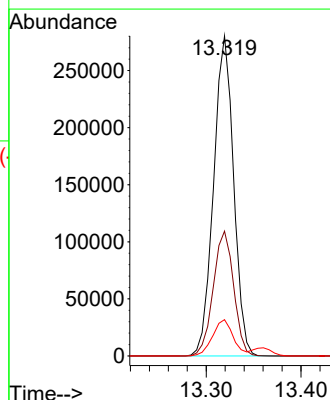
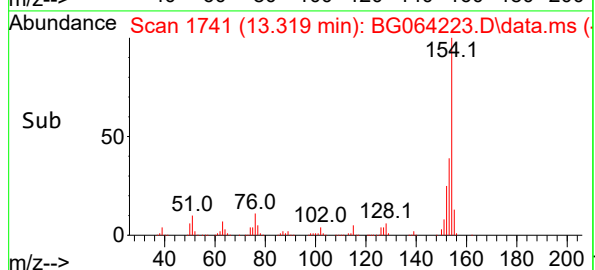
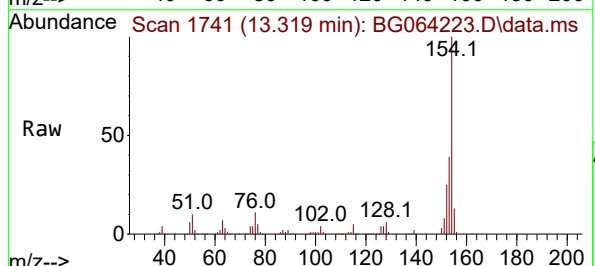
Tgt Ion:154 Resp: 410868

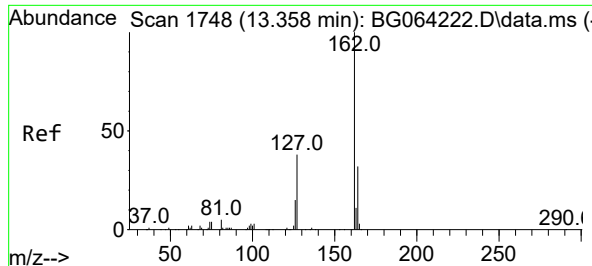
Ion Ratio Lower Upper

154 100

153 39.0 19.9 59.9

76 11.4 0.0 30.9





#47

2-Chloronaphthalene

Concen: 50.039 ng

RT: 13.360 min Scan# 1748

Delta R.T. 0.002 min

Lab File: BG064223.D

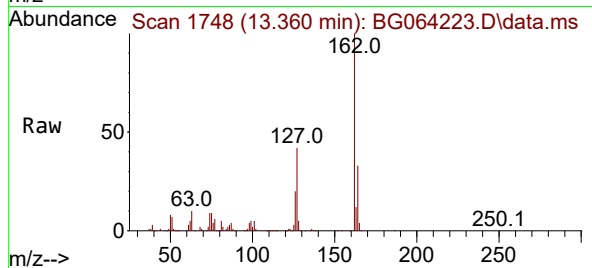
Acq: 28 Aug 2025 14:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC050



Tgt Ion:162 Resp: 310870

Ion Ratio Lower Upper

162 100

127 42.0 33.9 50.9

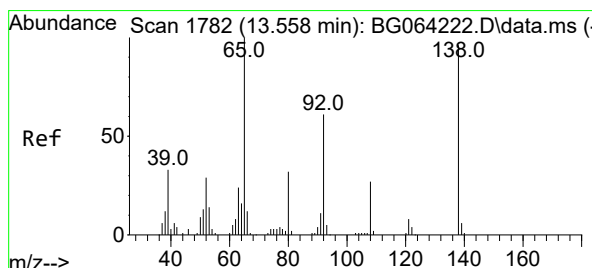
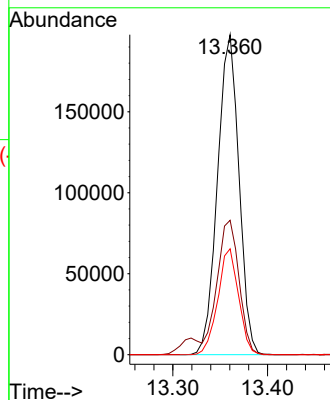
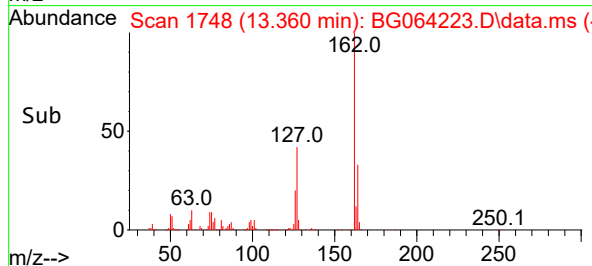
164 33.1 25.4 38.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#48

2-Nitroaniline

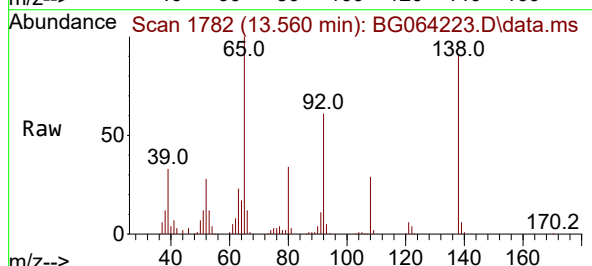
Concen: 52.795 ng

RT: 13.560 min Scan# 1782

Delta R.T. -0.004 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55



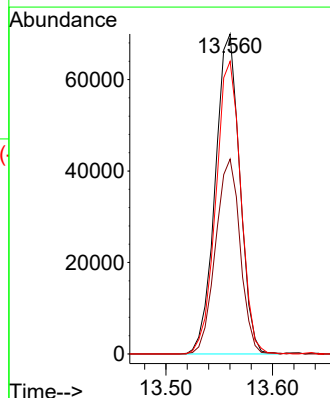
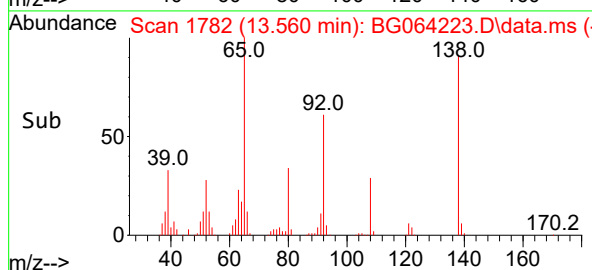
Tgt Ion: 65 Resp: 111792

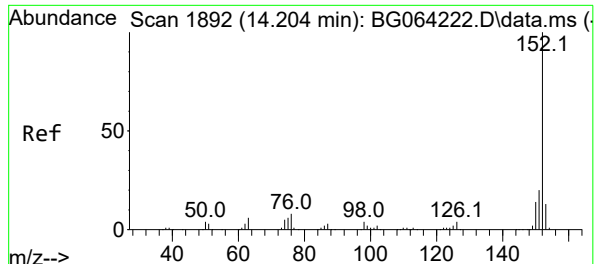
Ion Ratio Lower Upper

65 100

92 60.9 49.2 73.8

138 91.5 76.8 115.2





#49

Acenaphthylene

Concen: 49.644 ng

RT: 14.206 min Scan# 1892

Delta R.T. 0.002 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:152 Resp: 455910

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.2

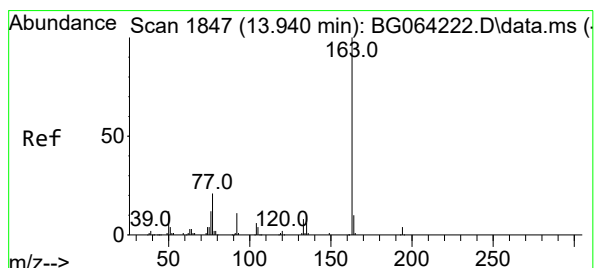
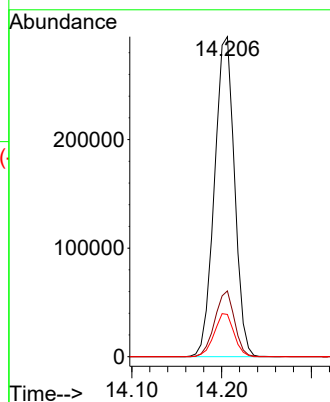
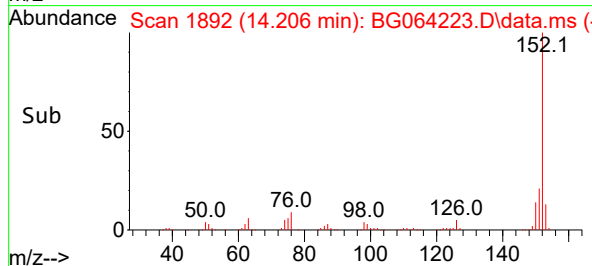
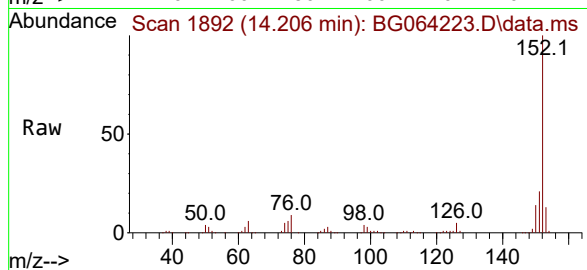
153 13.2 10.1 15.1

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#50

Dimethylphthalate

Concen: 48.298 ng

RT: 13.942 min Scan# 1847

Delta R.T. -0.004 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

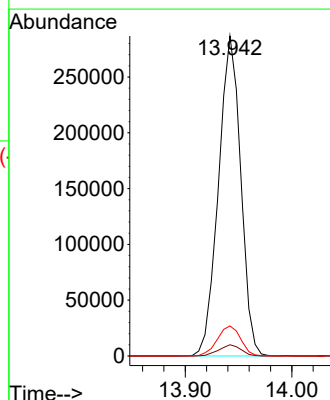
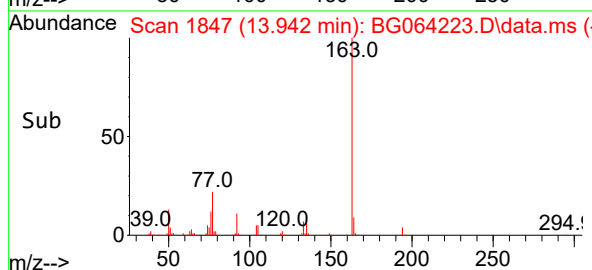
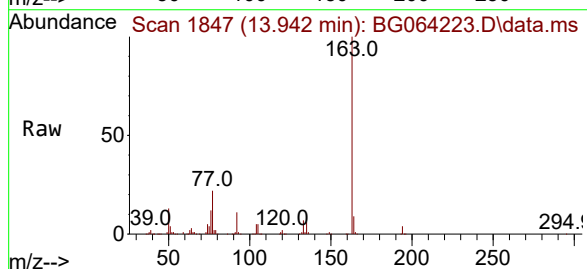
Tgt Ion:163 Resp: 414776

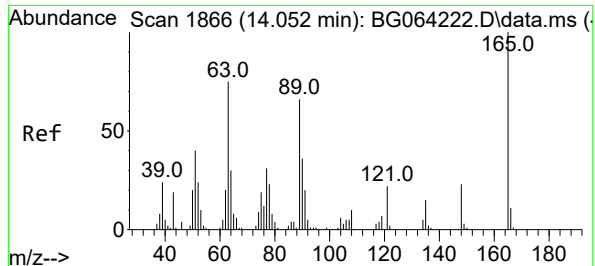
Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

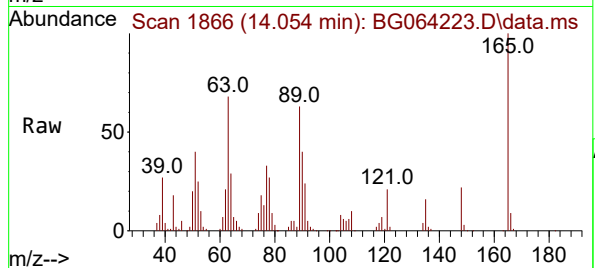
164 9.4 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 51.244 ng
RT: 14.054 min Scan# 1866
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

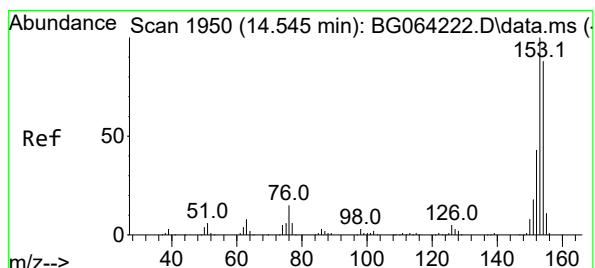
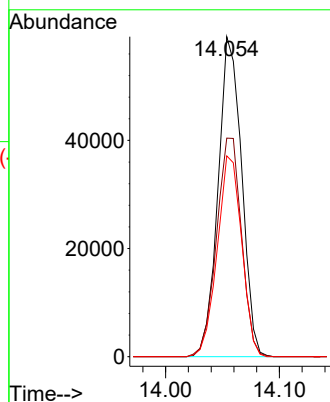
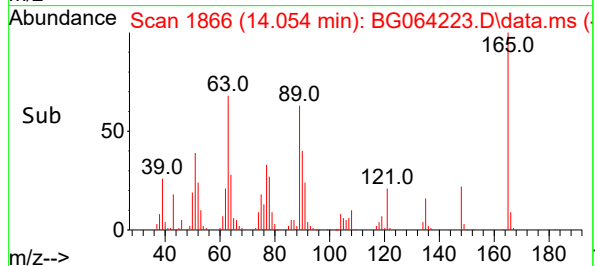
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:165 Resp: 85190
Ion Ratio Lower Upper
165 100
63 68.3 60.3 90.5
89 62.8 52.9 79.3

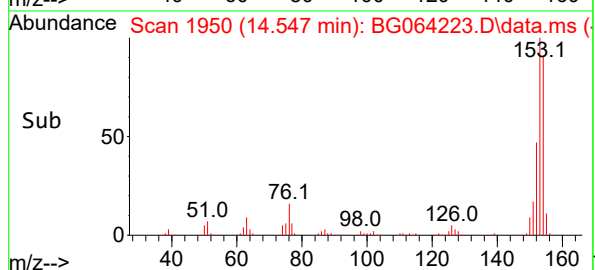
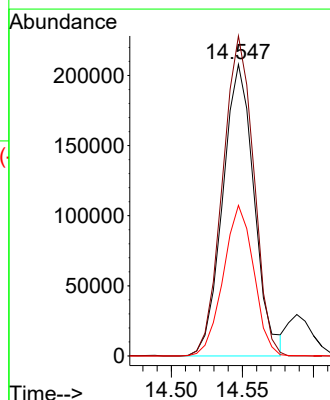
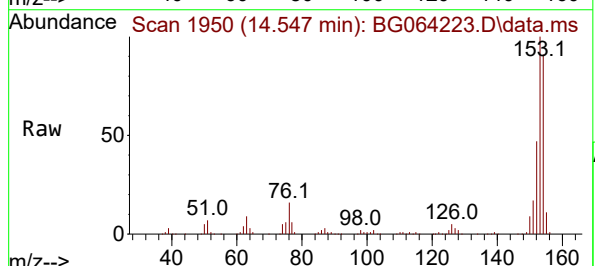
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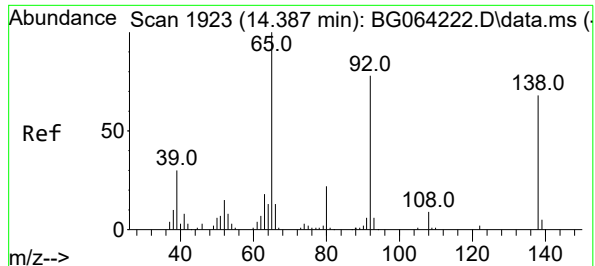
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#52
Acenaphthene
Concen: 49.423 ng
RT: 14.547 min Scan# 1950
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

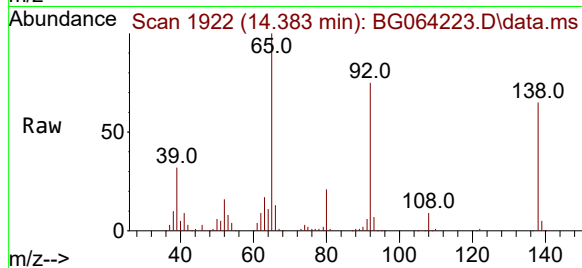
Tgt Ion:154 Resp: 320309
Ion Ratio Lower Upper
154 100
153 109.8 91.1 136.7
152 51.6 39.6 59.4





#53
3-Nitroaniline
Concen: 51.202 ng
RT: 14.383 min Scan# 1922
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

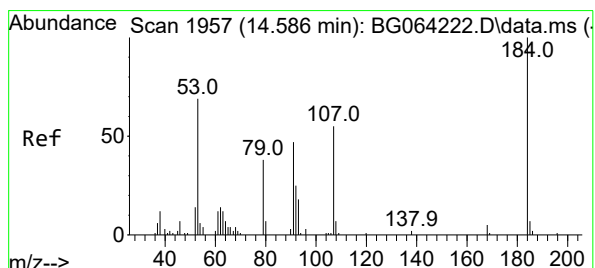
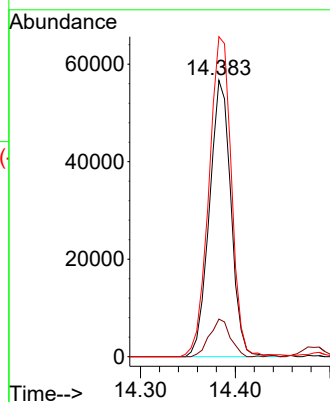
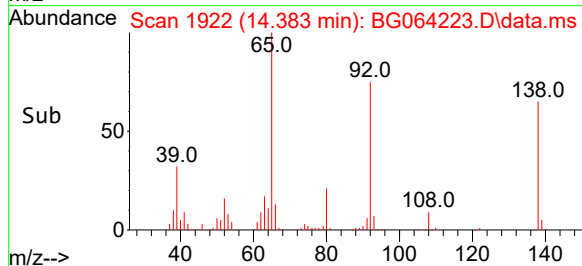
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:138 Resp: 89170
Ion Ratio Lower Upper
138 100
108 13.6 11.0 16.6
92 115.8 91.4 137.0

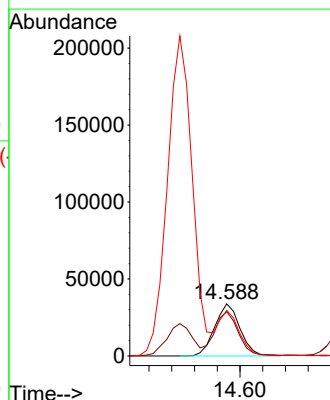
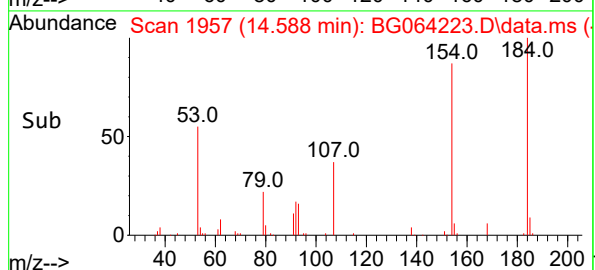
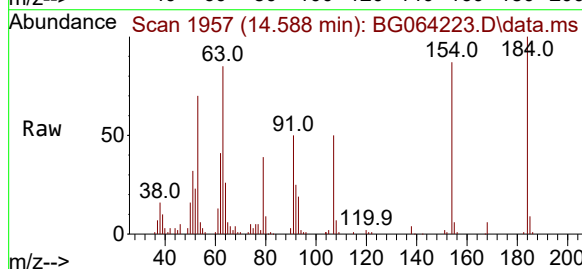
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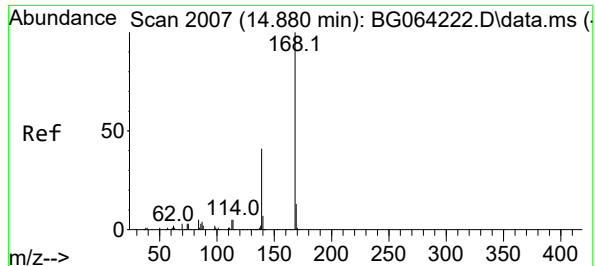
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#54
2,4-Dinitrophenol
Concen: 50.240 ng
RT: 14.588 min Scan# 1957
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

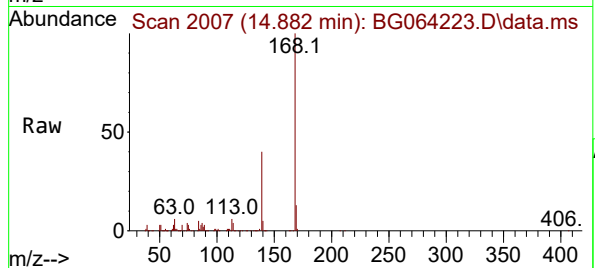
Tgt Ion:184 Resp: 52115
Ion Ratio Lower Upper
184 100
63 85.0 60.1 90.1
154 87.1 59.8 89.8





#55
Dibenzenofuran
Concen: 49.018 ng
RT: 14.882 min Scan# 2007
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

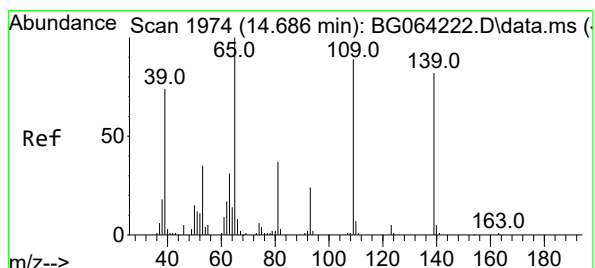
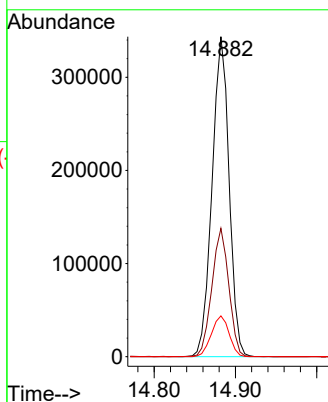
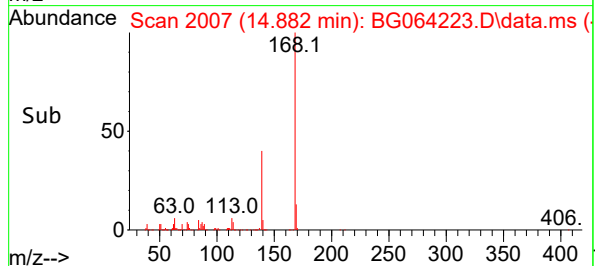
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:168 Resp: 499690
Ion Ratio Lower Upper
168 100
139 40.1 33.2 49.8
169 12.7 10.4 15.6

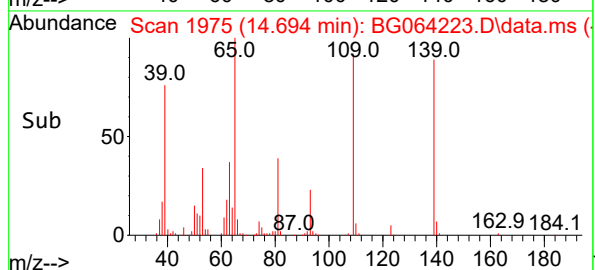
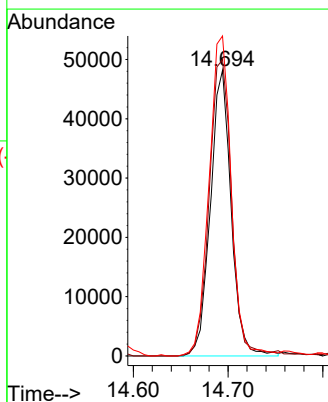
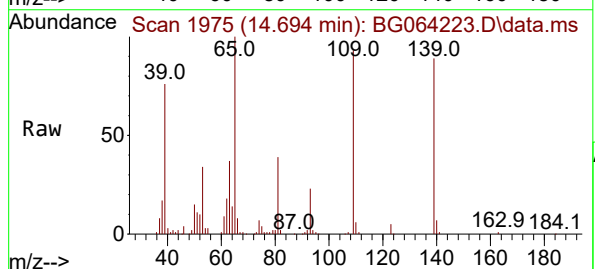
Manual Integrations
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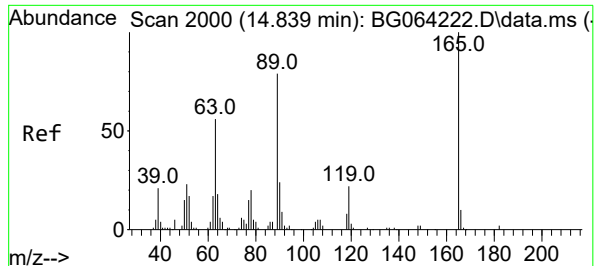
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#56
4-Nitrophenol
Concen: 51.188 ng
RT: 14.694 min Scan# 1975
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:139 Resp: 73126
Ion Ratio Lower Upper
139 100
109 103.8 89.1 129.1
65 112.1 102.9 142.9





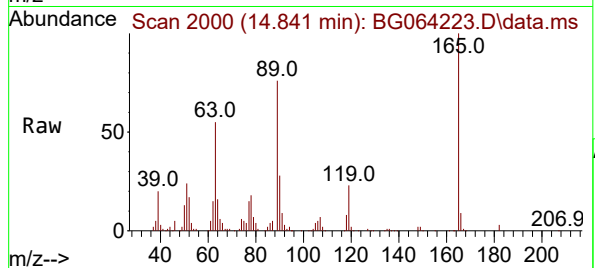
#57
2,4-Dinitrotoluene
Concen: 50.791 ng
RT: 14.841 min Scan# 2000
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

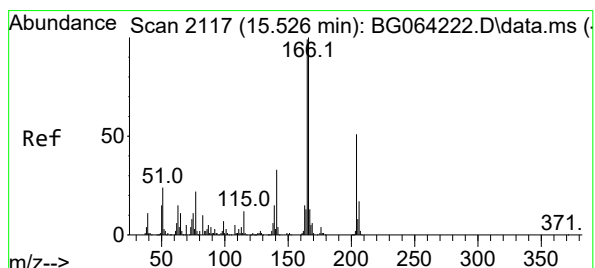
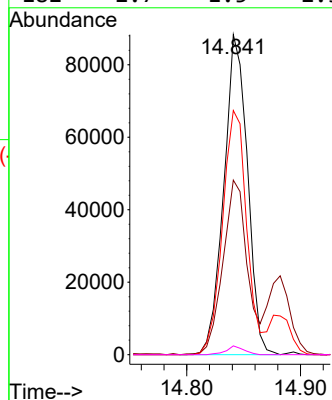
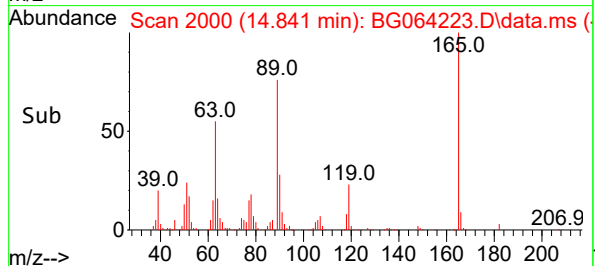


Tgt Ion:165 Resp: 127679
Ion Ratio Lower Upper
165 100
63 54.5 44.6 67.0
89 76.3 63.0 94.4
182 2.7 1.5 2.3#

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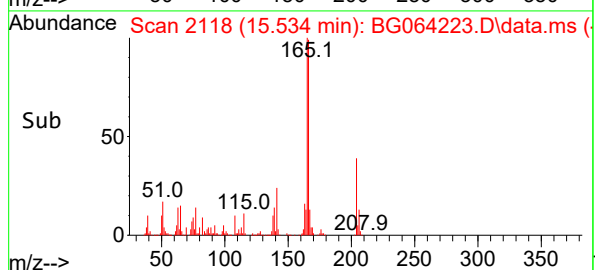
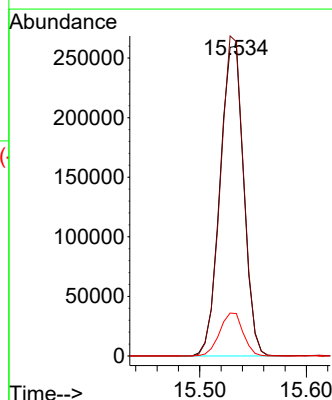
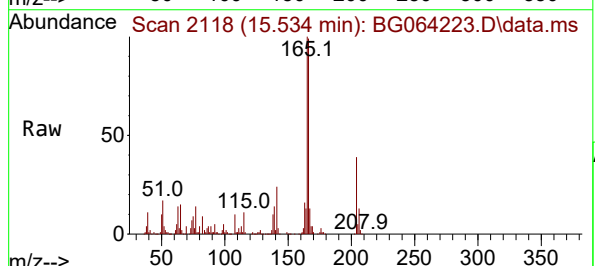
APPROVED

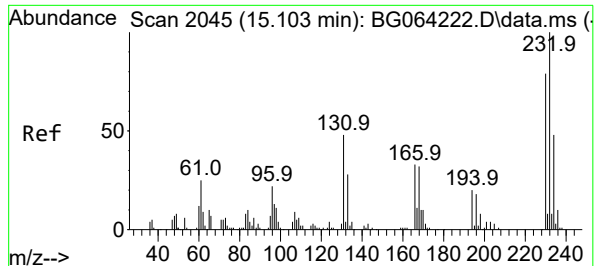
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#58
Fluorene
Concen: 48.071 ng
RT: 15.534 min Scan# 2118
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

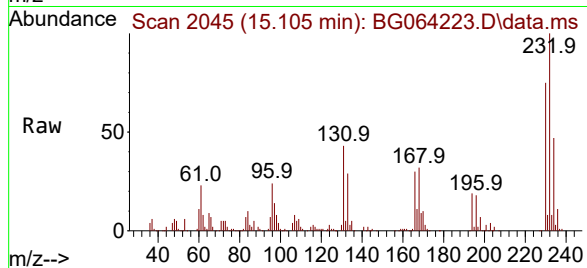
Tgt Ion:166 Resp: 401649
Ion Ratio Lower Upper
166 100
165 101.4 79.1 118.7
167 13.7 10.2 15.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.324 ng
RT: 15.105 min Scan# 2045
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

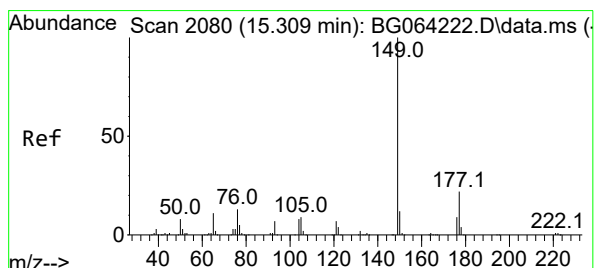
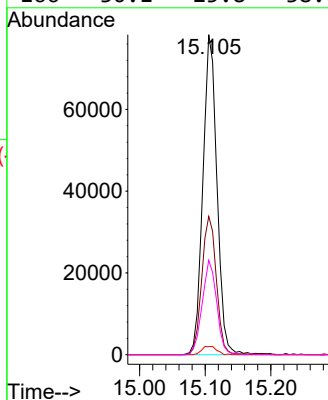
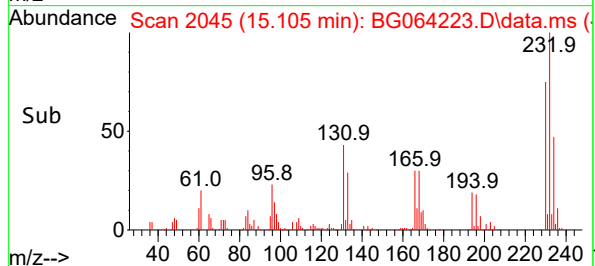
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



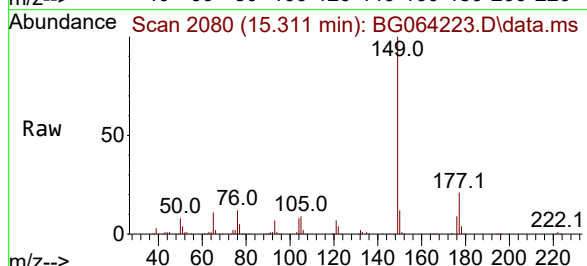
Tgt Ion:232 Resp: 11716
Ion Ratio Lower Upper
232 100
131 44.5 37.1 55.7
130 2.8 2.6 3.8
166 30.1 25.8 38.6

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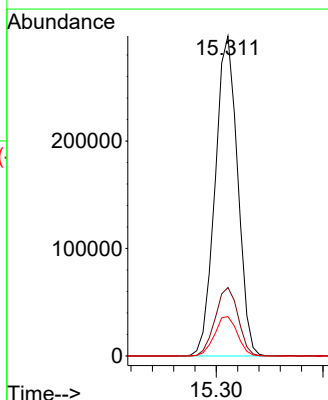
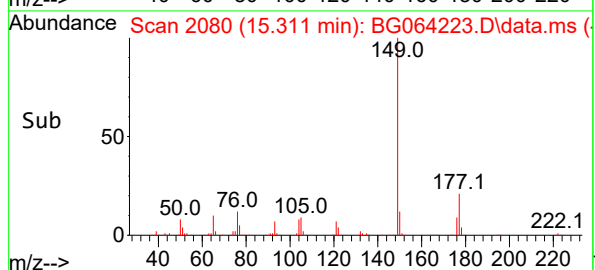
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

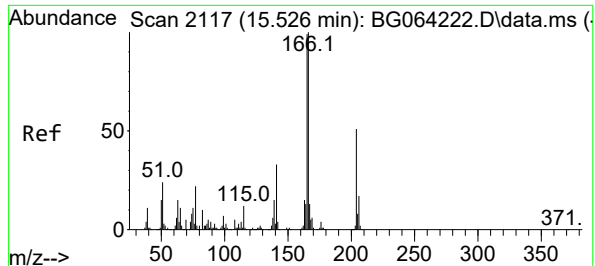


#60
Diethylphthalate
Concen: 47.393 ng
RT: 15.311 min Scan# 2080
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55



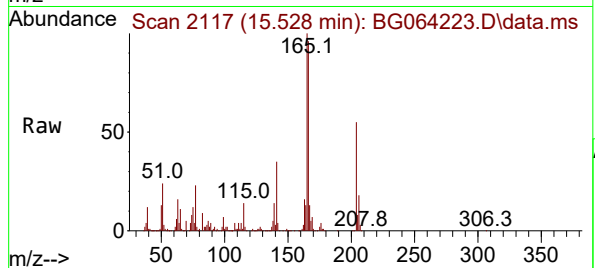
Tgt Ion:149 Resp: 435581
Ion Ratio Lower Upper
149 100
177 21.4 17.5 26.3
150 12.3 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 49.008 ng
RT: 15.528 min Scan# 2117
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

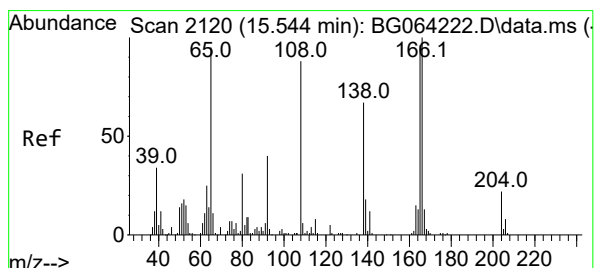
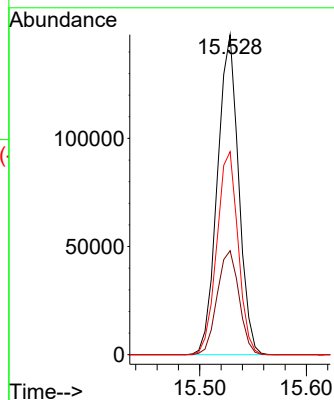
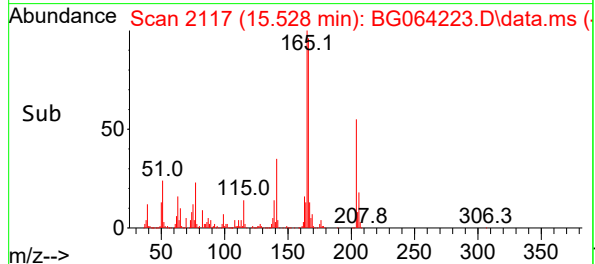
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:204 Resp: 204160
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.4
141 63.4 51.9 77.9

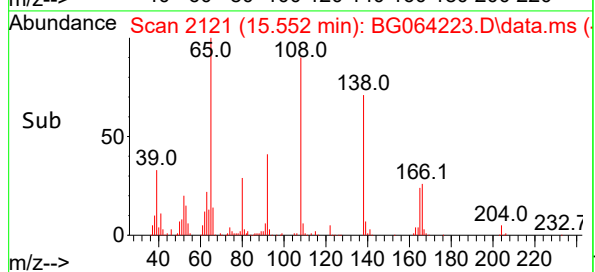
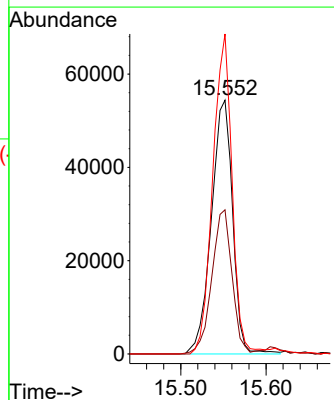
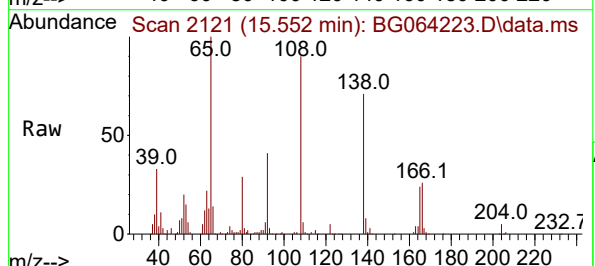
Manual Integrations
APPROVED

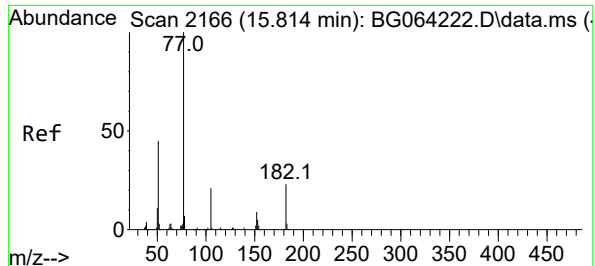
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#62
4-Nitroaniline
Concen: 53.002 ng
RT: 15.552 min Scan# 2121
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

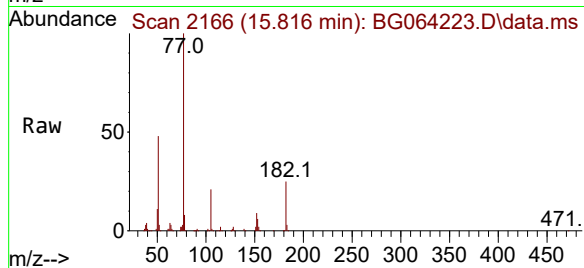
Tgt Ion:138 Resp: 94189
Ion Ratio Lower Upper
138 100
92 56.8 39.1 79.1
108 126.1 111.3 151.3





#63
Azobenzene
Concen: 48.736 ng
RT: 15.816 min Scan# 2166
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

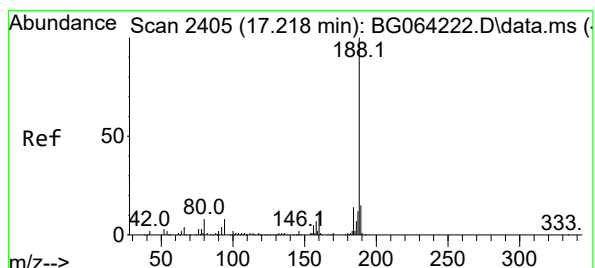
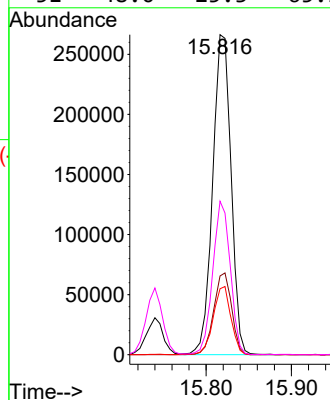
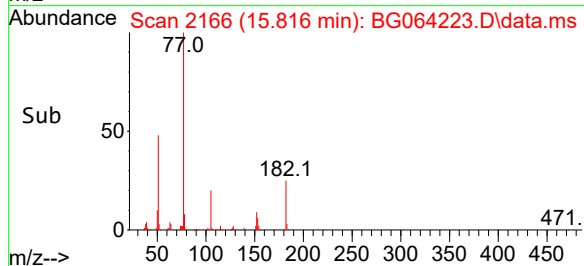
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion: 77 Resp: 39923
Ion Ratio Lower Upper
77 100
182 24.6 3.3 43.3
105 20.6 0.6 40.6
51 48.0 25.3 65.3

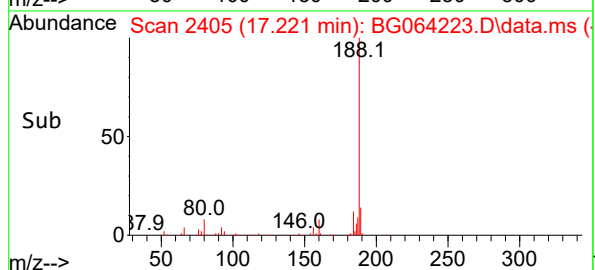
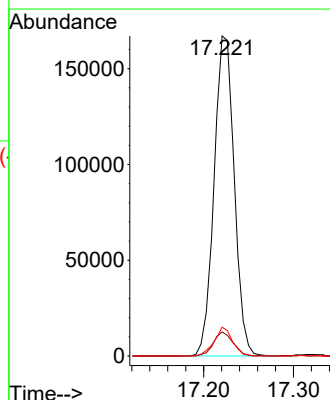
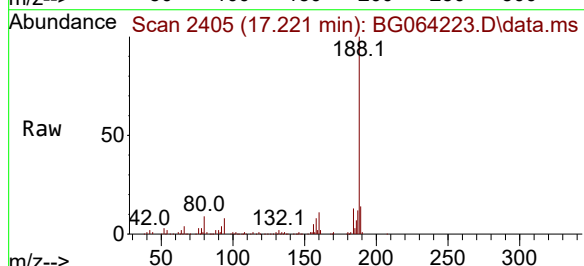
Manual Integrations
APPROVED

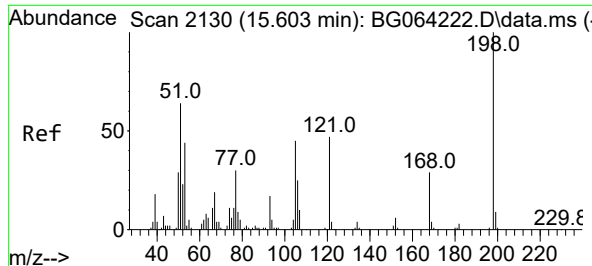
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2405
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

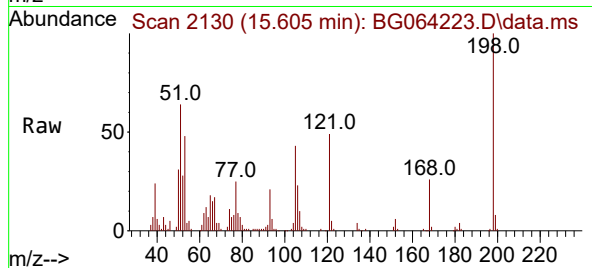
Tgt Ion:188 Resp: 260584
Ion Ratio Lower Upper
188 100
94 7.5 6.2 9.4
80 9.0 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 52.566 ng
RT: 15.605 min Scan# 2130
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

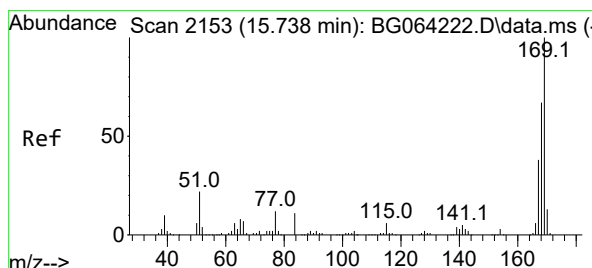
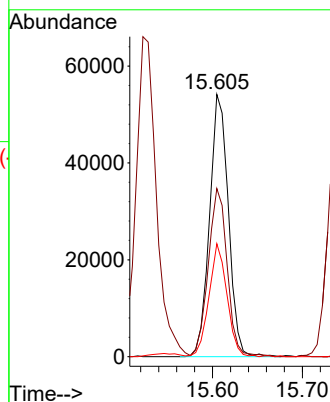
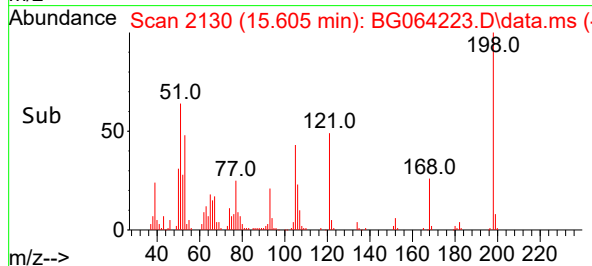
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:198 Resp: 78644
Ion Ratio Lower Upper
198 100
51 64.1 46.2 86.2
105 43.1 25.0 65.0

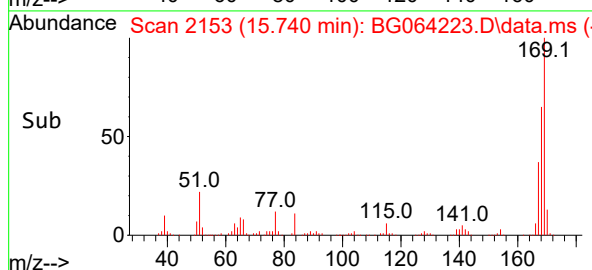
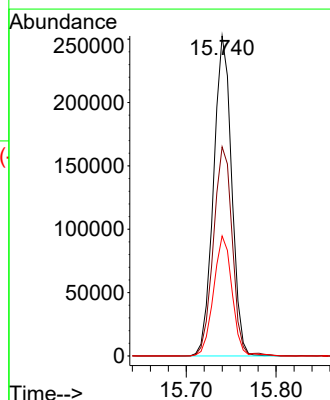
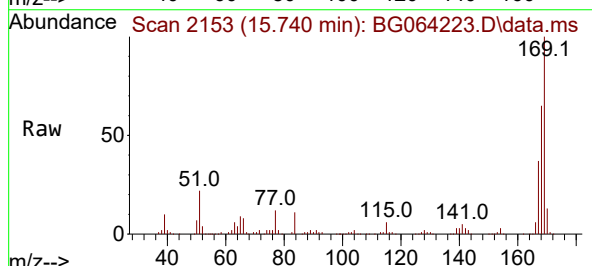
Manual Integrations
APPROVED

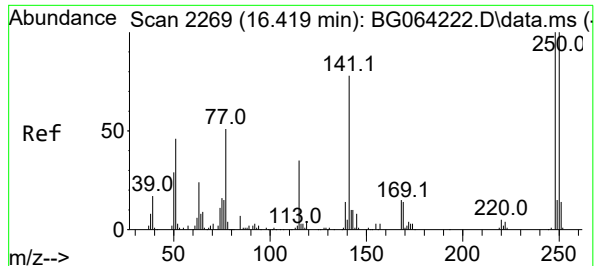
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#66
n-Nitrosodiphenylamine
Concen: 49.284 ng
RT: 15.740 min Scan# 2153
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

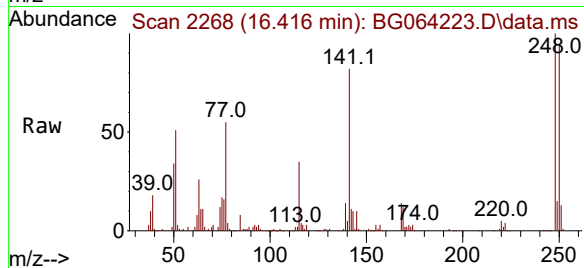
Tgt Ion:169 Resp: 353288
Ion Ratio Lower Upper
169 100
168 65.3 53.8 80.8
167 37.5 30.2 45.2





#67
4-Bromophenyl-phenylether
Concen: 49.804 ng
RT: 16.416 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

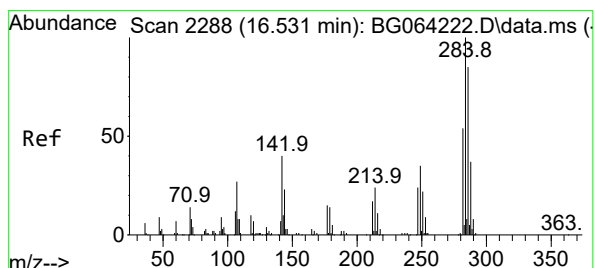
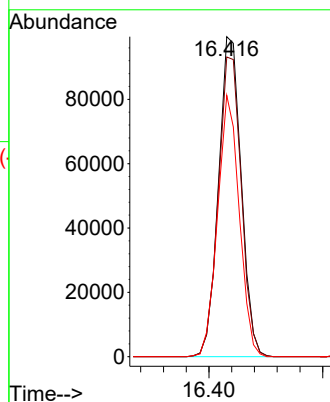
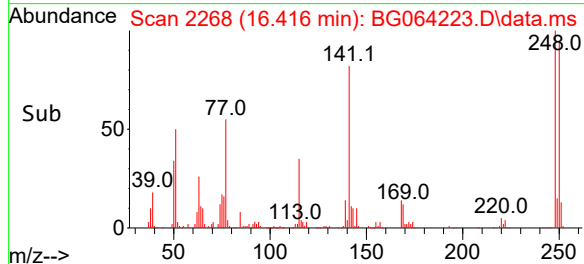
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:248 Resp: 137844
Ion Ratio Lower Upper
248 100
250 93.6 80.2 120.4
141 81.7 62.4 93.6

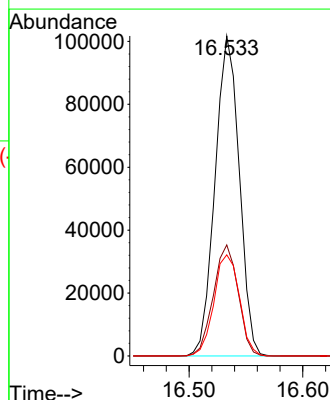
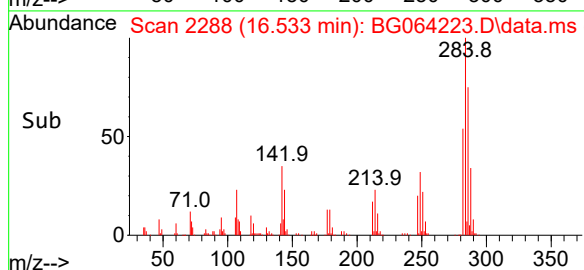
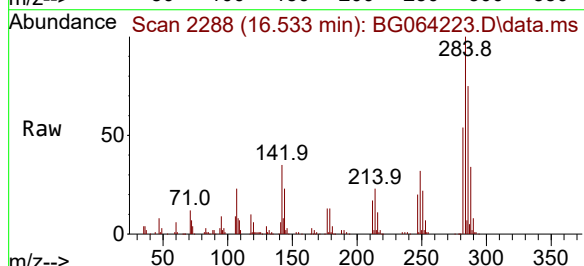
Manual Integrations
APPROVED

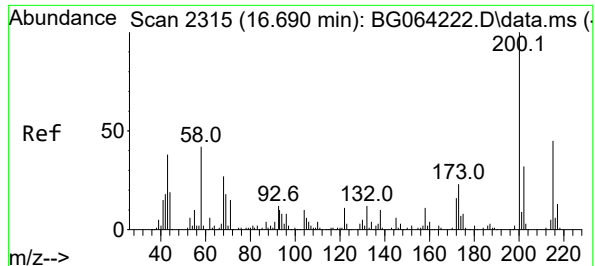
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#68
Hexachlorobenzene
Concen: 49.006 ng
RT: 16.533 min Scan# 2288
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:284 Resp: 150620
Ion Ratio Lower Upper
284 100
142 34.7 32.1 48.1
249 31.6 28.3 42.5





#69

Atrazine

Concen: 48.714 ng

RT: 16.692 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:200 Resp: 145808

Ion Ratio Lower Upper

200 100

173 25.6 3.5 43.5

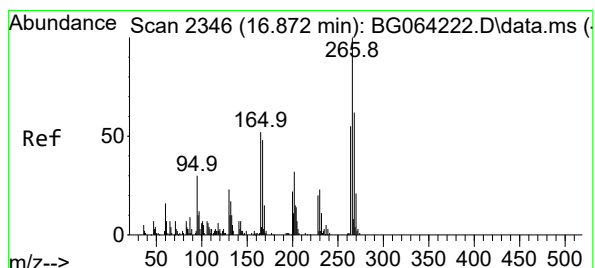
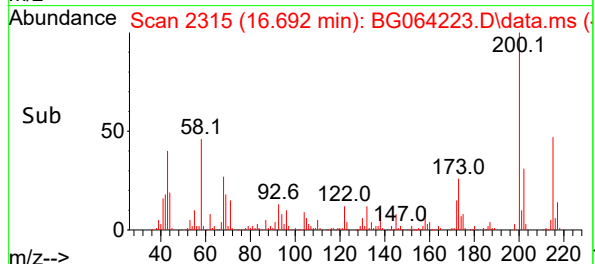
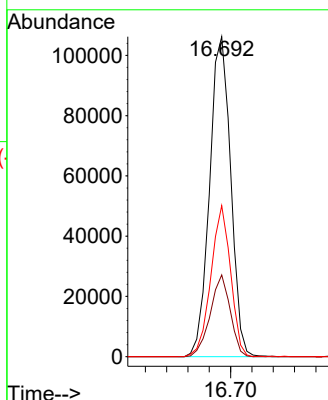
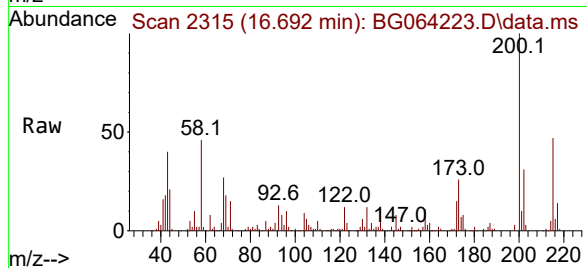
215 47.2 24.8 64.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#70

Pentachlorophenol

Concen: 51.699 ng

RT: 16.874 min Scan# 2346

Delta R.T. -0.004 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

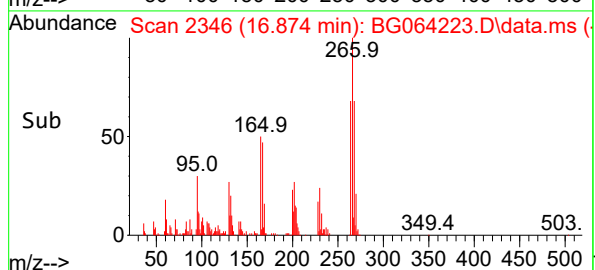
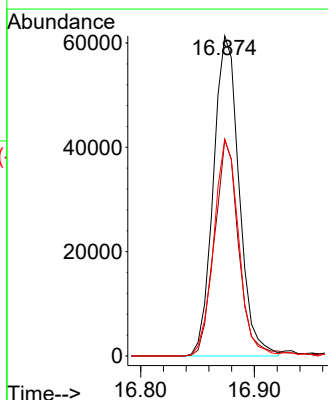
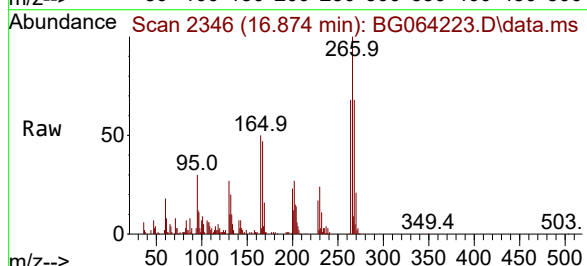
Tgt Ion:266 Resp: 96347

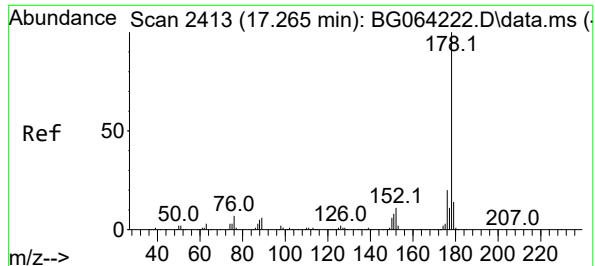
Ion Ratio Lower Upper

266 100

268 67.5 49.4 74.0

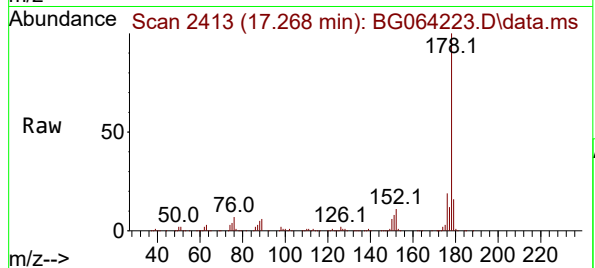
264 67.8 44.3 66.5#





#71
Phenanthrene
Concen: 48.343 ng
RT: 17.268 min Scan# 2413
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

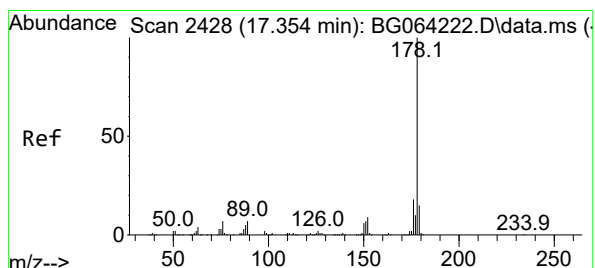
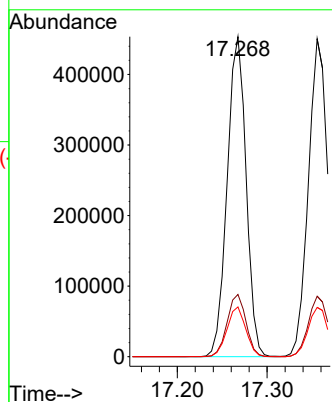
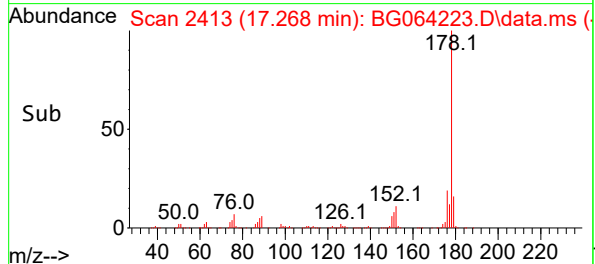
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:178 Resp: 664429
Ion Ratio Lower Upper
178 100
176 19.5 15.9 23.9
179 15.5 11.4 17.2

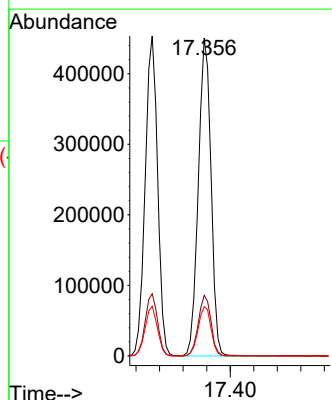
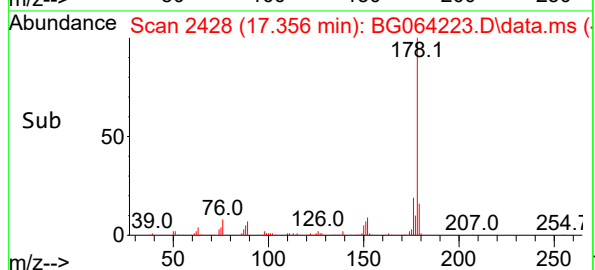
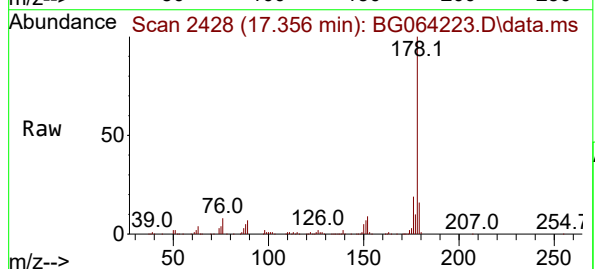
Manual Integrations
APPROVED

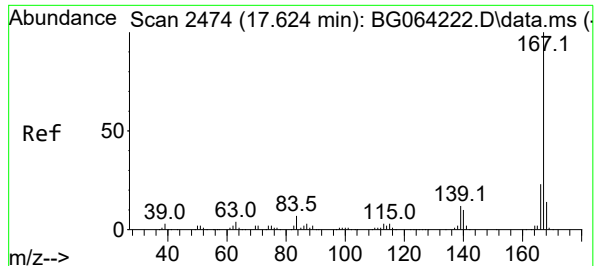
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#72
Anthracene
Concen: 48.144 ng
RT: 17.356 min Scan# 2428
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

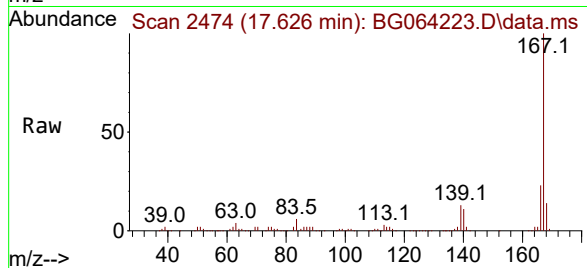
Tgt Ion:178 Resp: 673083
Ion Ratio Lower Upper
178 100
176 19.0 14.7 22.1
179 15.5 12.1 18.1





#73
Carbazole
Concen: 48.528 ng
RT: 17.626 min Scan# 2474
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

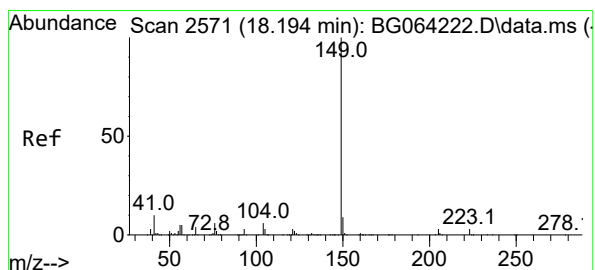
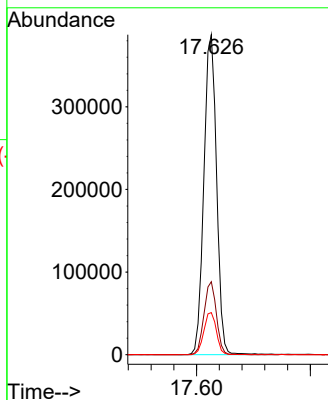
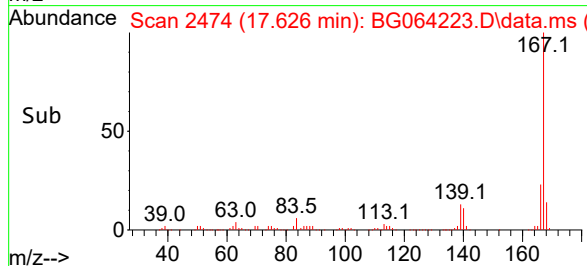
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



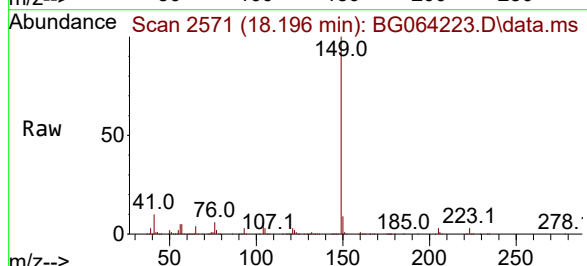
Tgt Ion:167 Resp: 59767
Ion Ratio Lower Upper
167 100
166 22.8 18.2 27.2
139 13.2 9.8 14.6

Manual Integrations
APPROVED

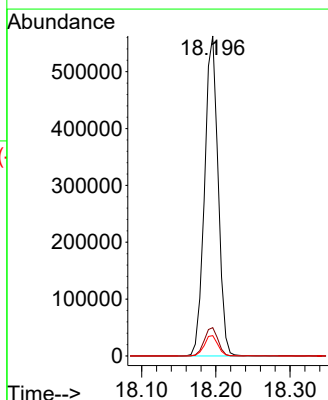
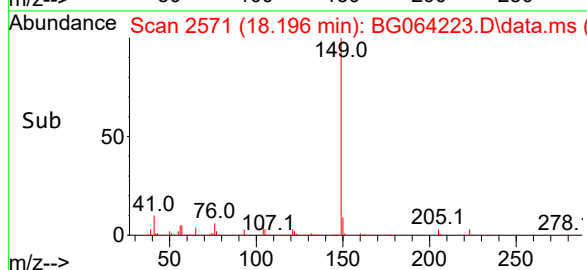
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

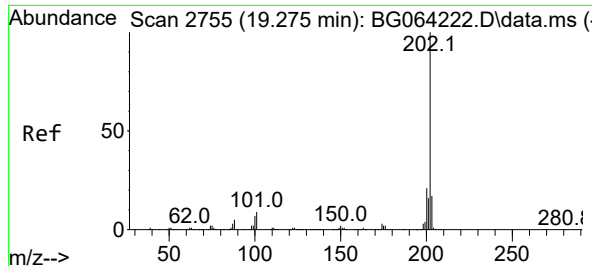


#74
Di-n-butylphthalate
Concen: 48.243 ng
RT: 18.196 min Scan# 2571
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55



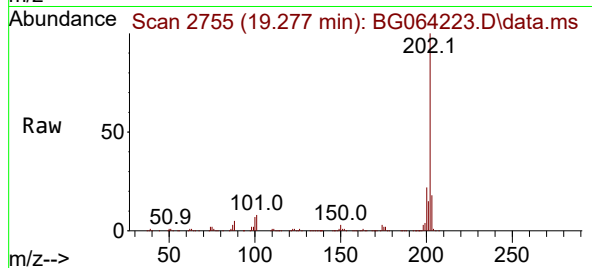
Tgt Ion:149 Resp: 713842
Ion Ratio Lower Upper
149 100
150 8.8 7.5 11.3
104 6.4 4.6 7.0





#75
Fluoranthene
Concen: 47.477 ng
RT: 19.277 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

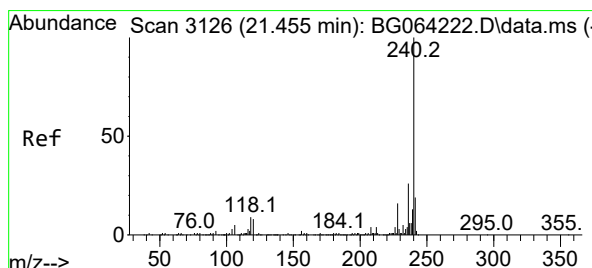
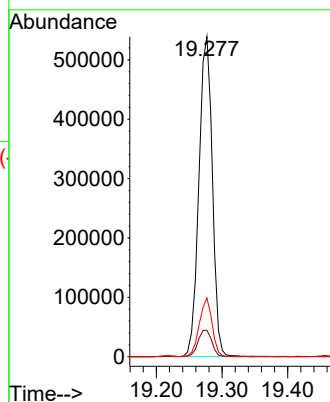
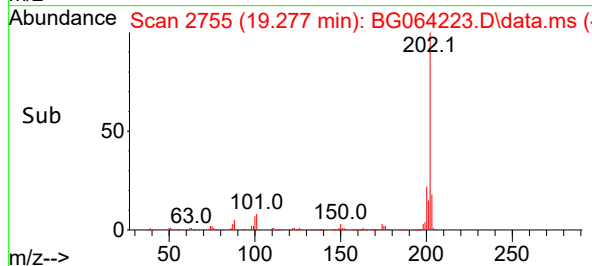
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:202 Resp: 767254
Ion Ratio Lower Upper
202 100
101 8.3 0.0 28.7
203 18.4 0.0 36.9

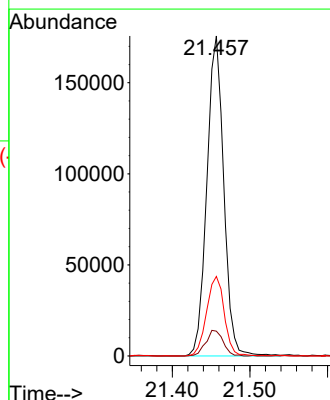
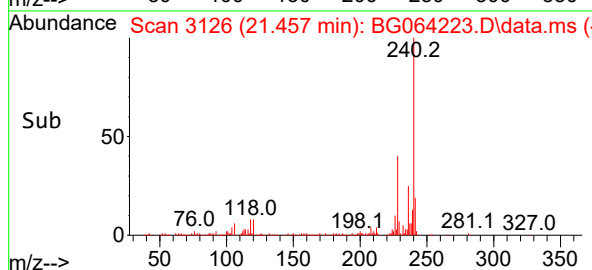
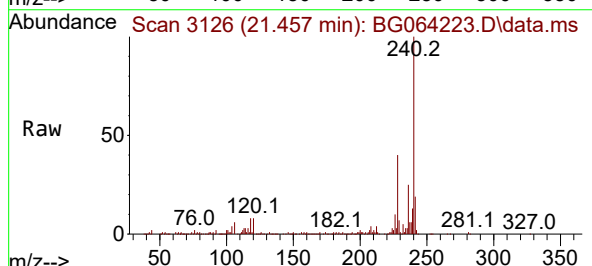
Manual Integrations
APPROVED

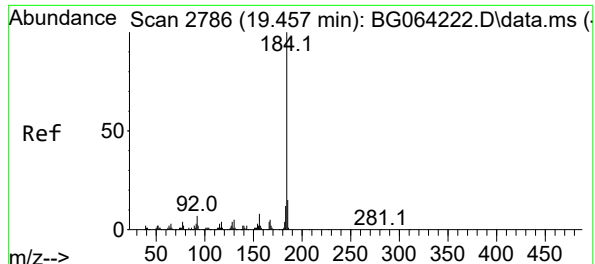
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.457 min Scan# 3126
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

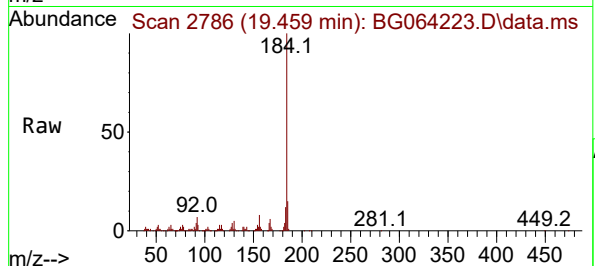
Tgt Ion:240 Resp: 265427
Ion Ratio Lower Upper
240 100
120 7.8 6.2 9.4
236 24.8 20.5 30.7





#77
Benzidine
Concen: 45.730 ng
RT: 19.459 min Scan# 2786
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

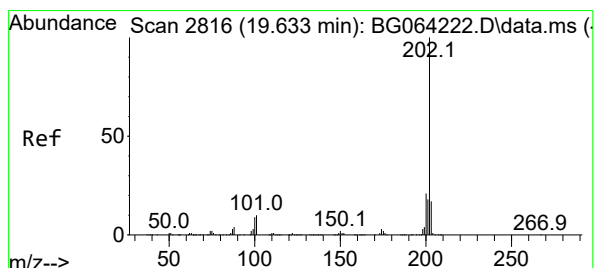
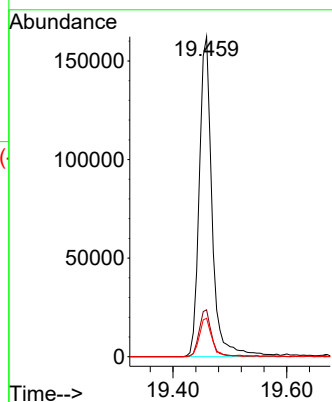
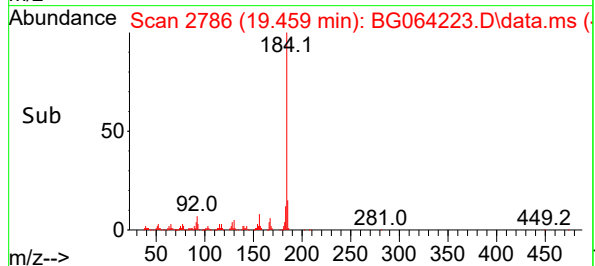
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:184 Resp: 255340
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 12.0 9.7 14.5

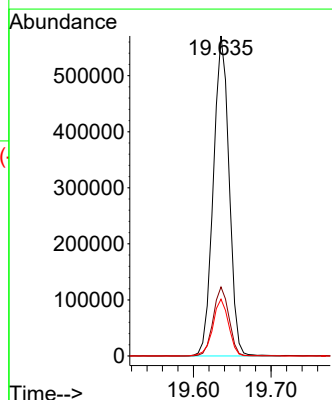
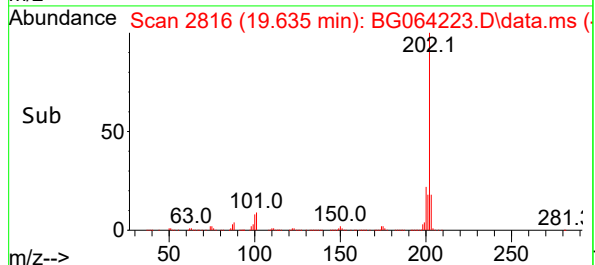
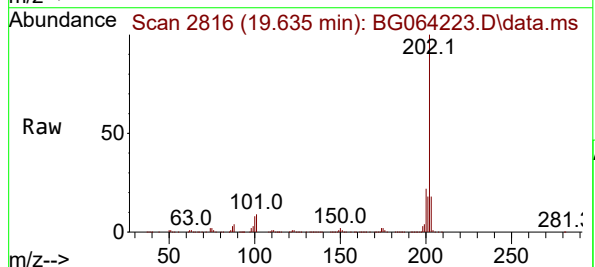
Manual Integrations
APPROVED

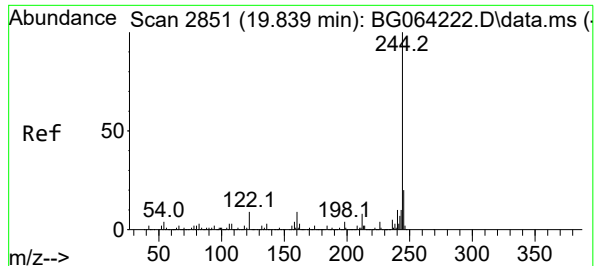
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#78
Pyrene
Concen: 48.257 ng
RT: 19.635 min Scan# 2816
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:202 Resp: 806963
Ion Ratio Lower Upper
202 100
200 21.6 16.9 25.3
203 17.7 13.8 20.8





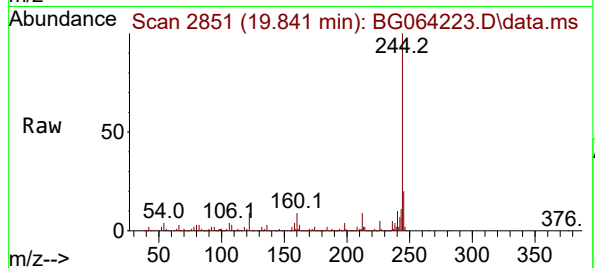
#79
Terphenyl-d14
Concen: 95.772 ng
RT: 19.841 min Scan# 2851
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

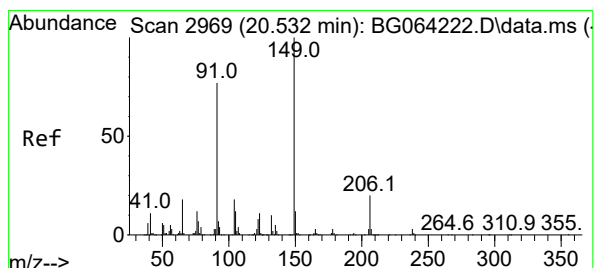
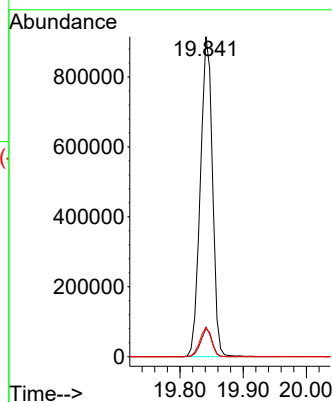
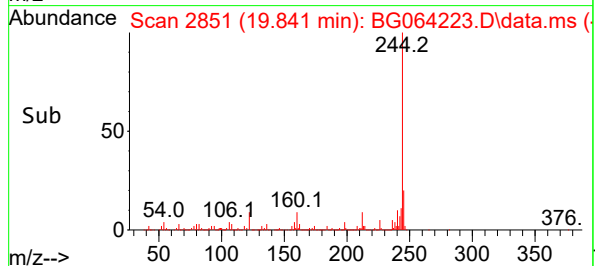


Tgt Ion:244 Resp: 121842
Ion Ratio Lower Upper
244 100
212 8.8 6.6 10.0
122 9.3 7.0 10.6

Manual Integrations

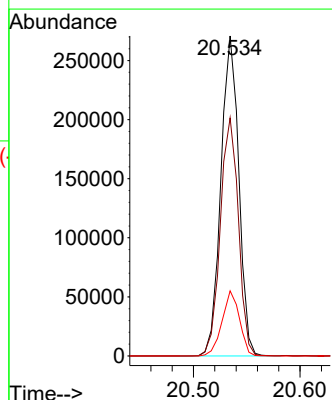
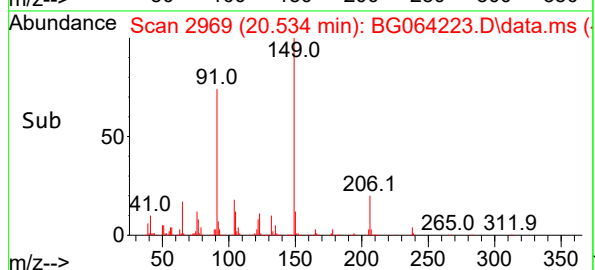
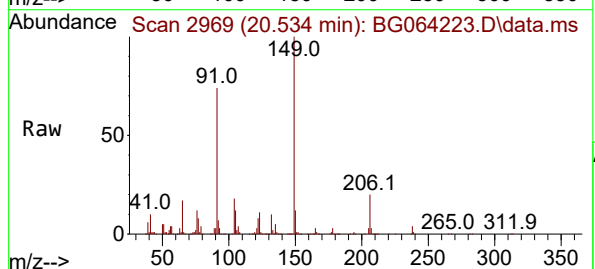
APPROVED

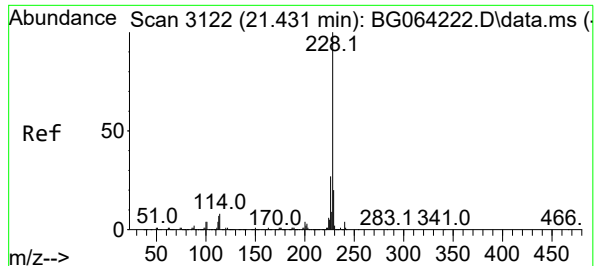
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#80
Butylbenzylphthalate
Concen: 49.896 ng
RT: 20.534 min Scan# 2969
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

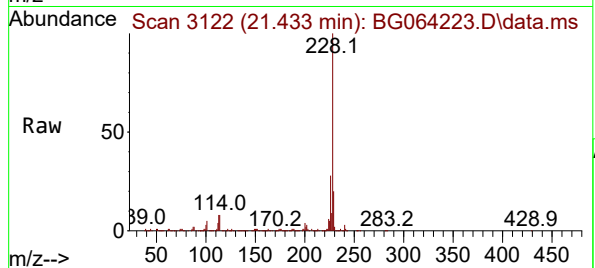
Tgt Ion:149 Resp: 314706
Ion Ratio Lower Upper
149 100
91 74.4 61.4 92.0
206 20.4 15.8 23.6





#81
Benzo(a)anthracene
Concen: 48.784 ng
RT: 21.433 min Scan# 3122
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

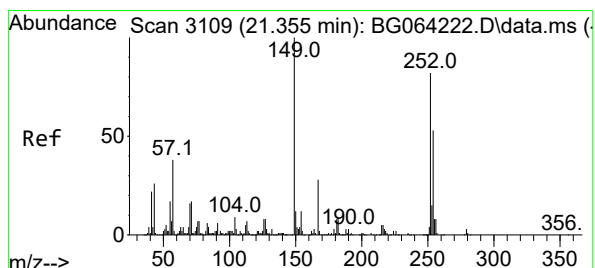
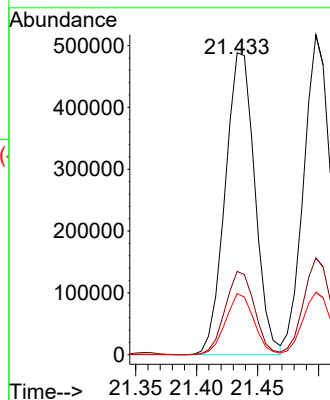
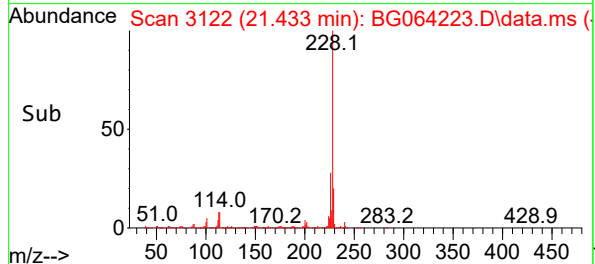
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:228 Resp: 828398
Ion Ratio Lower Upper
228 100
226 27.6 21.7 32.5
229 20.3 15.9 23.9

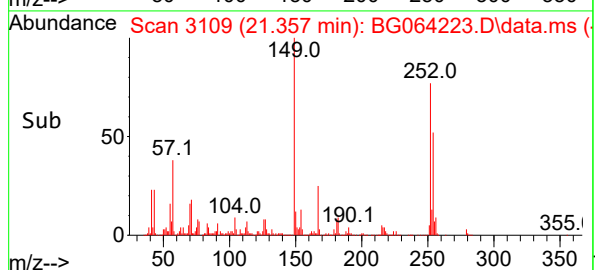
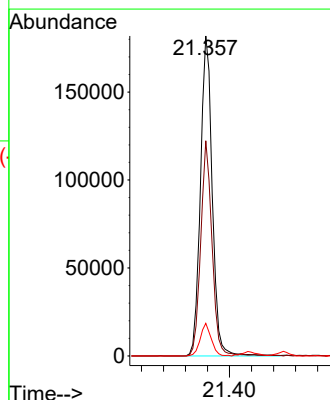
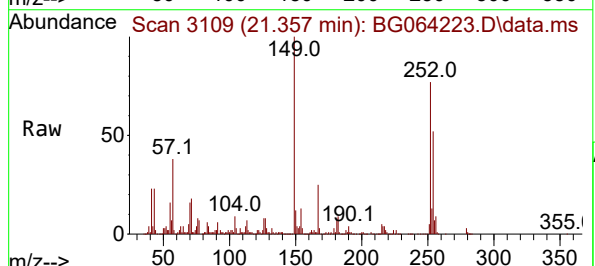
Manual Integrations
APPROVED

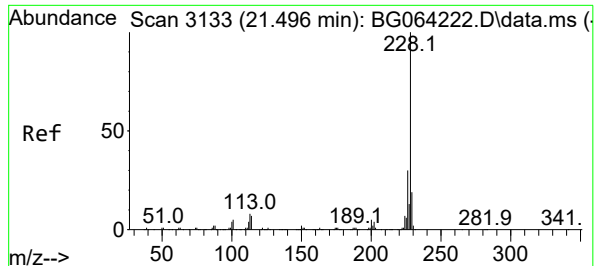
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#82
3,3'-Dichlorobenzidine
Concen: 49.185 ng
RT: 21.357 min Scan# 3109
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

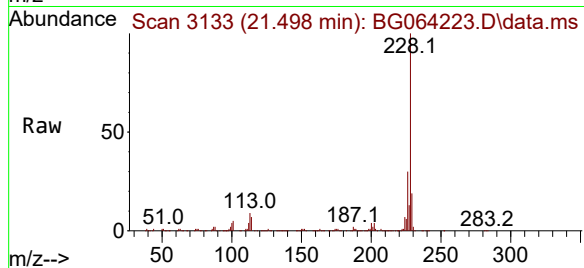
Tgt Ion:252 Resp: 272006
Ion Ratio Lower Upper
252 100
254 67.2 51.9 77.9
126 10.2 7.6 11.4





#83
Chrysene
Concen: 49.001 ng
RT: 21.498 min Scan# 3133
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

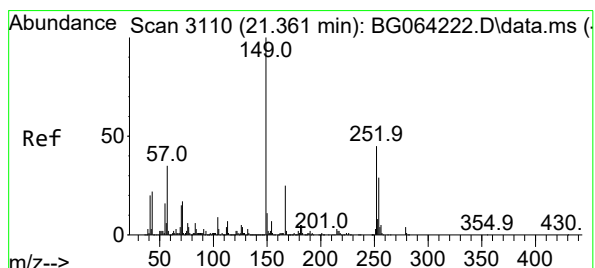
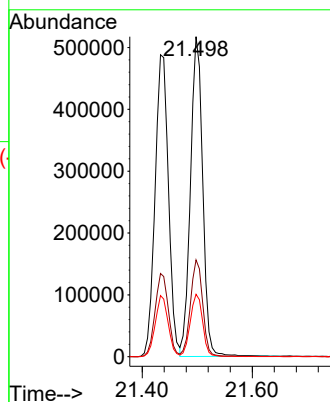
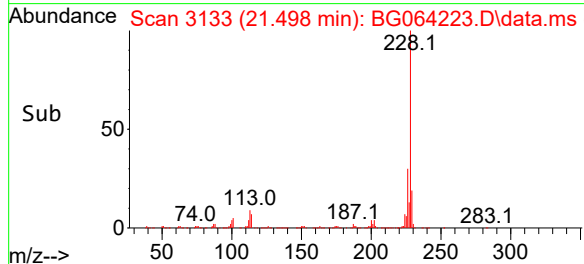
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:228 Resp: 798825
Ion Ratio Lower Upper
228 100
226 30.3 24.2 36.2
229 19.5 15.4 23.2

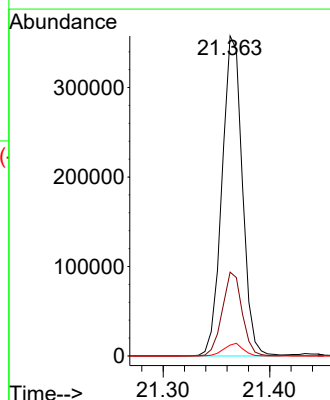
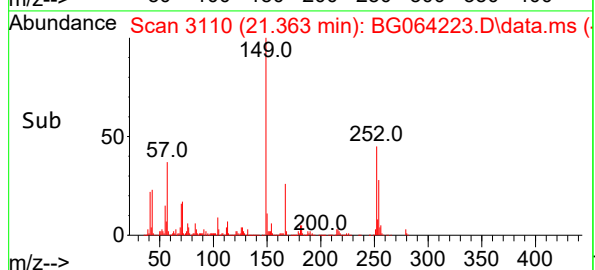
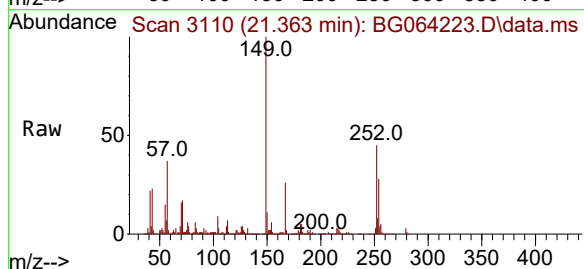
Manual Integrations
APPROVED

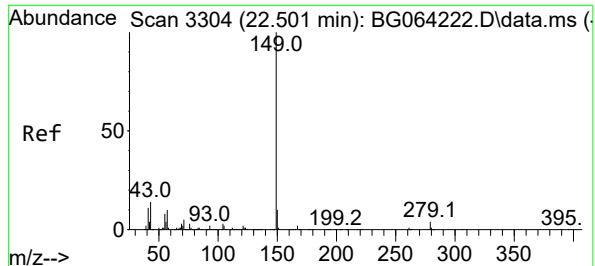
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.934 ng
RT: 21.363 min Scan# 3110
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

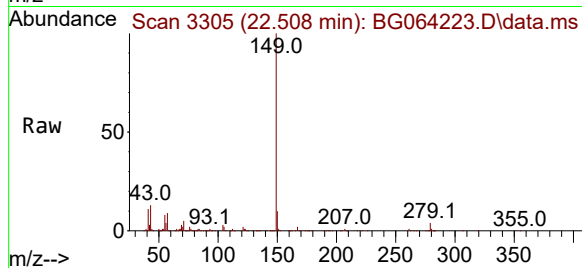
Tgt Ion:149 Resp: 472845
Ion Ratio Lower Upper
149 100
167 26.2 20.0 30.0
279 3.4 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 49.375 ng
RT: 22.508 min Scan# 3304
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

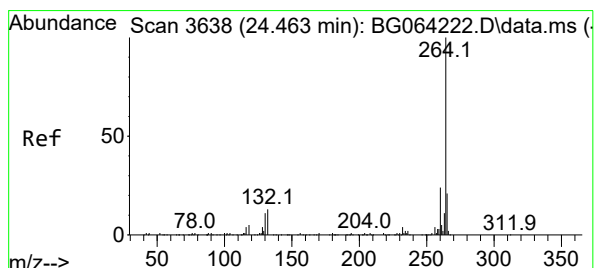
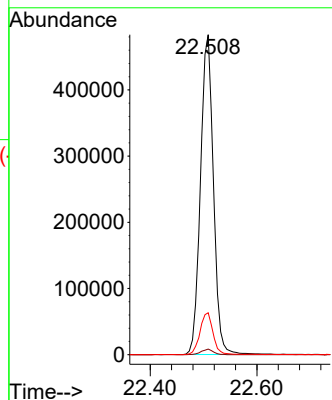
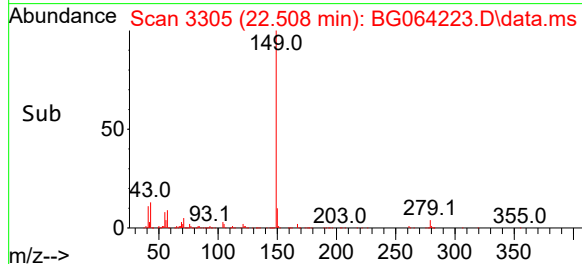
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:149 Resp: 814659
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.3 10.8 16.2

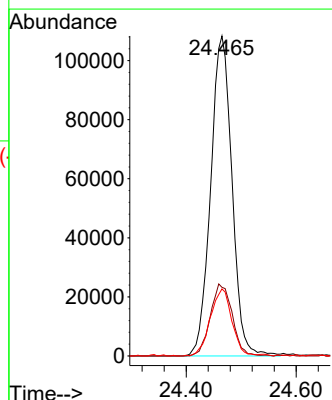
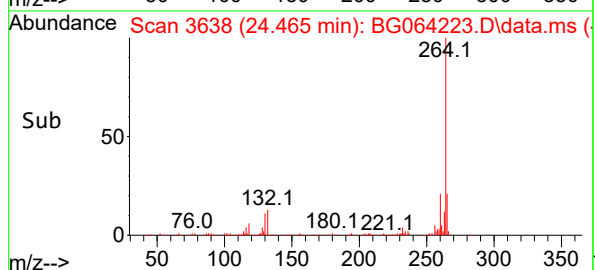
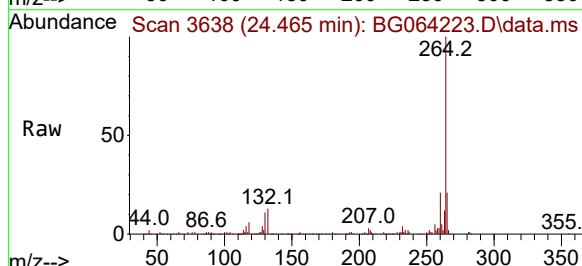
Manual Integrations
APPROVED

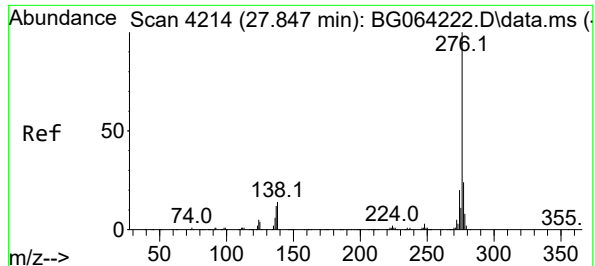
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.465 min Scan# 3638
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

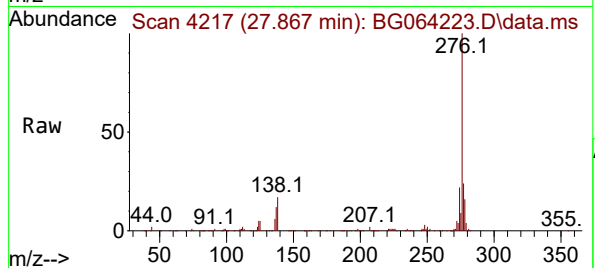
Tgt Ion:264 Resp: 291787
Ion Ratio Lower Upper
264 100
260 21.4 18.9 28.3
265 21.0 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.338 ng
RT: 27.867 min Scan# 4217
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

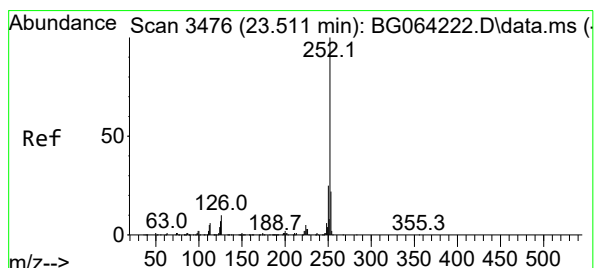
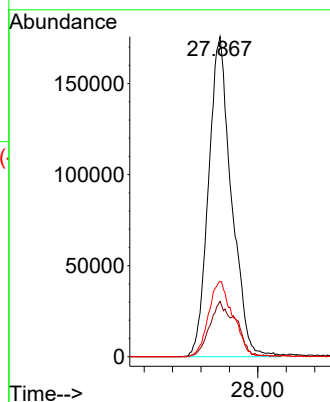
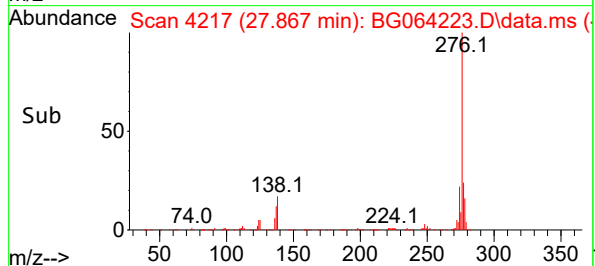
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



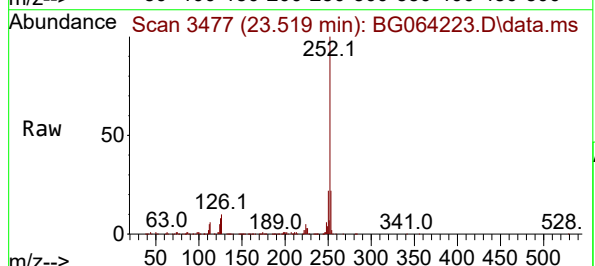
Tgt Ion:276 Resp: 98313
Ion Ratio Lower Upper
276 100
138 13.7 7.4 11.0
277 25.0 20.5 30.7

Manual Integrations
APPROVED

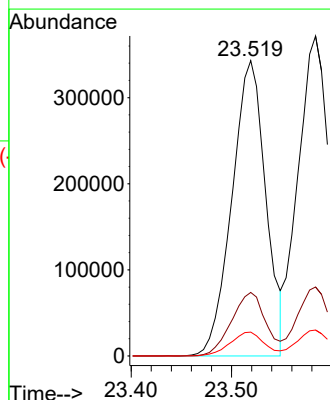
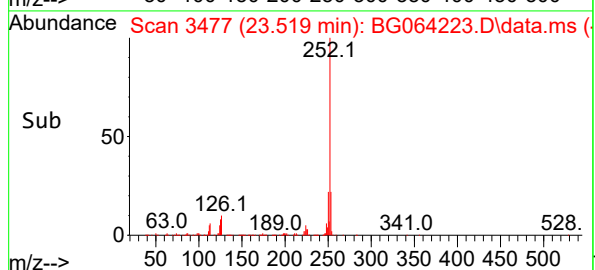
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

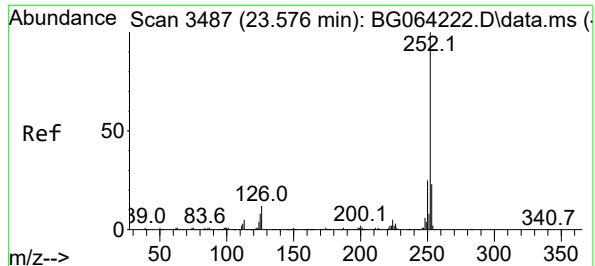


#88
Benzo(b)fluoranthene
Concen: 48.889 ng
RT: 23.519 min Scan# 3477
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55



Tgt Ion:252 Resp: 805106
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 8.1 5.9 8.9





#89

Benzo(k)fluoranthene

Concen: 49.190 ng

RT: 23.584 min Scan# 3488

Delta R.T. -0.004 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:252 Resp: 825274

Ion Ratio Lower Upper

252 100

253 21.6 18.2 27.4

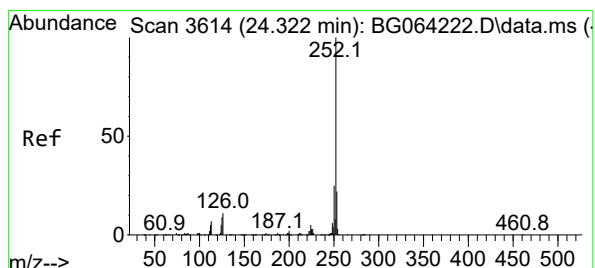
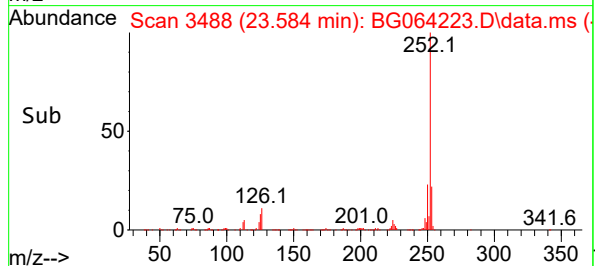
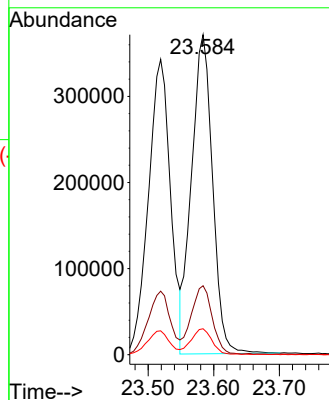
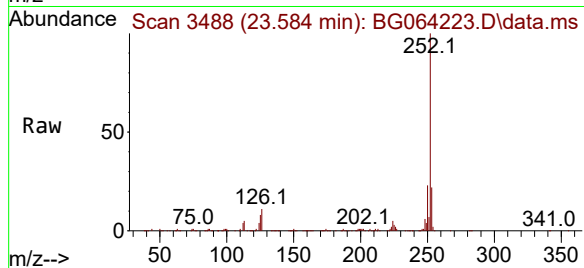
125 8.1 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#90

Benzo(a)pyrene

Concen: 49.853 ng

RT: 24.330 min Scan# 3615

Delta R.T. 0.002 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

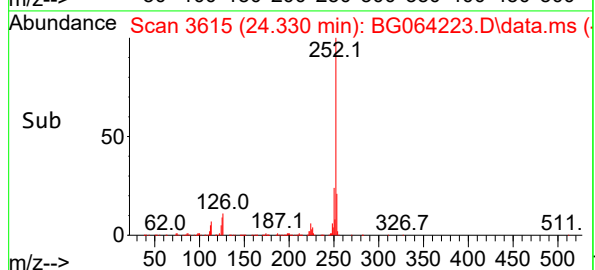
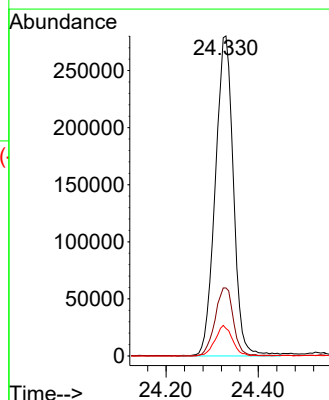
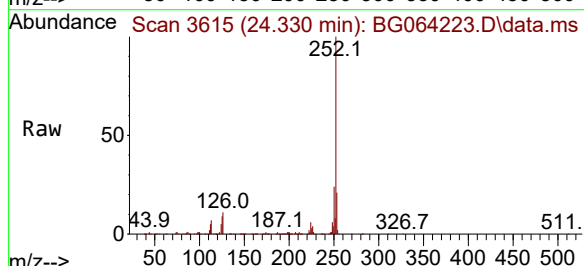
Tgt Ion:252 Resp: 763697

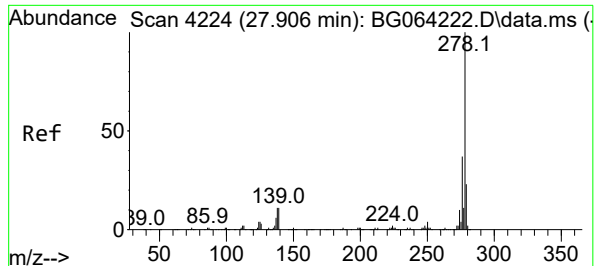
Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.2

125 8.6 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 49.569 ng

RT: 27.920 min Scan# 41

Delta R.T. -0.004 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:278 Resp: 793072

Ion Ratio Lower Upper

278 100

139 12.1 9.0 13.4

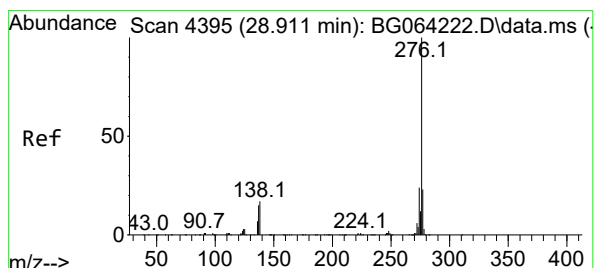
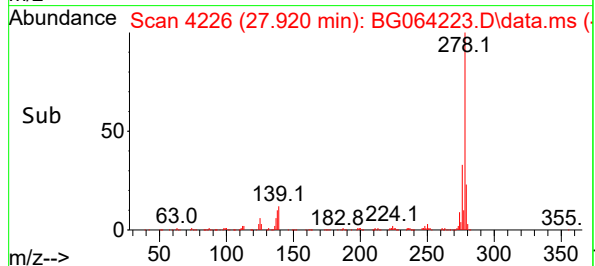
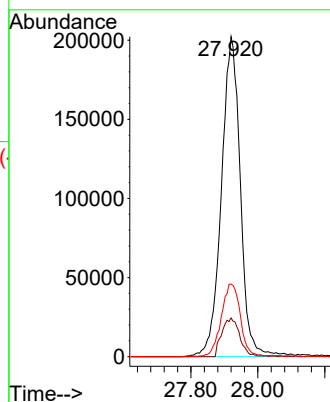
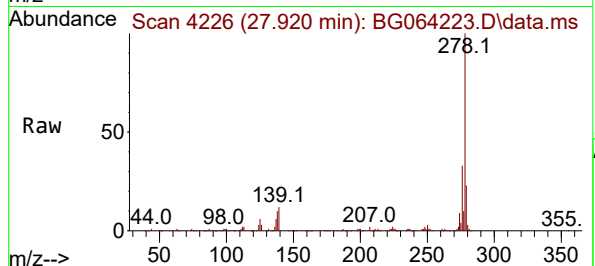
279 22.7 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#92

Benzo(g,h,i)perylene

Concen: 48.833 ng

RT: 28.924 min Scan# 4397

Delta R.T. -0.010 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

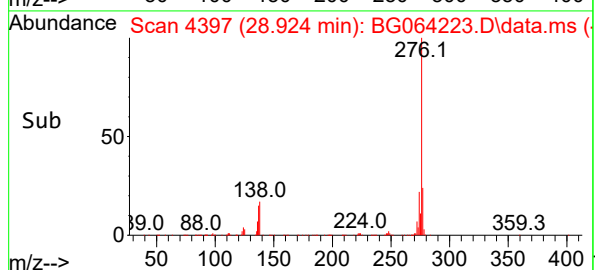
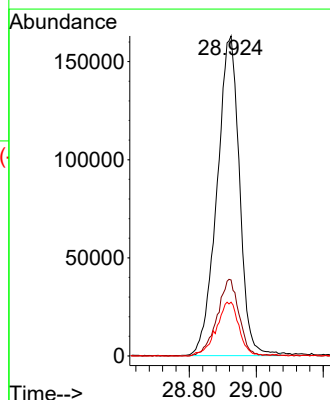
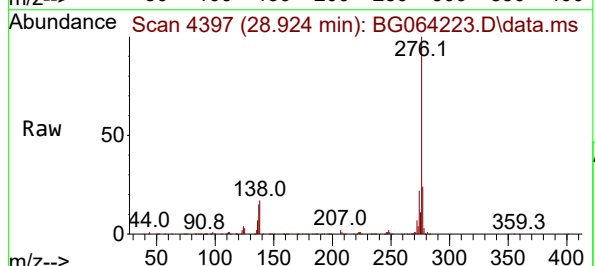
Tgt Ion:276 Resp: 760245

Ion Ratio Lower Upper

276 100

277 23.7 18.2 27.4

138 16.8 13.3 19.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
 Data File : BG064224.D
 Acq On : 28 Aug 2025 15:35
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:41:04 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 28 17:41:58 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.862	152	36015	20.000	ng	0.00
21) Naphthalene-d8	10.647	136	170958	20.000	ng	0.00
39) Acenaphthene-d10	14.484	164	119119	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	261407	20.000	ng	0.00
76) Chrysene-d12	21.458	240	260140	20.000	ng	0.00
86) Perylene-d12	24.460	264	282089	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.441	112	241289	120.199	ng	0.00
7) Phenol-d6	7.028	99	335950	121.816	ng	0.00
23) Nitrobenzene-d5	9.014	82	385656	125.810	ng	0.00
42) 2,4,6-Tribromophenol	15.970	330	183766	116.471	ng	0.00
45) 2-Fluorobiphenyl	13.109	172	931958	119.418	ng	0.00
79) Terphenyl-d14	19.842	244	1464829	117.481	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.361	88	46659	55.765	ng	93
3) Pyridine	3.749	79	148183	60.164	ng	# 59
4) n-Nitrosodimethylamine	3.667	42	98975	60.754	ng	98
6) Aniline	7.186	93	238042	62.417	ng	100
8) 2-Chlorophenol	7.421	128	152055	61.987	ng	96
9) Benzaldehyde	6.998	77	155435	68.486	ng	98
10) Phenol	7.057	94	188585	62.023	ng	97
11) bis(2-Chloroethyl)ether	7.286	93	137237	60.065	ng	94
12) 1,3-Dichlorobenzene	7.750	146	153973	59.001	ng	96
13) 1,4-Dichlorobenzene	7.891	146	156384	59.377	ng	96
14) 1,2-Dichlorobenzene	8.209	146	155259	61.080	ng	97
15) Benzyl Alcohol	8.097	79	155325	61.031	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.379	45	316667	60.705	ng	97
17) 2-Methylphenol	8.297	107	141026	62.233	ng	93
18) Hexachloroethane	8.937	117	61354	59.678	ng	90
19) n-Nitroso-di-n-propyla...	8.667	70	132872	62.952	ng	96
20) 3+4-Methylphenols	8.626	107	193119	61.332	ng	97
22) Acetophenone	8.679	105	263157	60.845	ng	98
24) Nitrobenzene	9.055	77	198465	61.967	ng	99
25) Isophorone	9.583	82	386602	60.683	ng	99
26) 2-Nitrophenol	9.760	139	90366	65.298	ng	93
27) 2,4-Dimethylphenol	9.824	122	149302	61.449	ng	96
28) bis(2-Chloroethoxy)met...	10.059	93	207316	60.350	ng	95
29) 2,4-Dichlorophenol	10.294	162	159519	62.224	ng	95
30) 1,2,4-Trichlorobenzene	10.512	180	162624	60.163	ng	97
31) Naphthalene	10.700	128	533782	60.212	ng	98
32) Benzoic acid	10.001	122	133067m	68.994	ng	
33) 4-Chloroaniline	10.800	127	214932	62.554	ng	97
34) Hexachlorobutadiene	10.988	225	121022	60.569	ng	91
35) Caprolactam	11.593	113	58399	58.831	ng	# 89
36) 4-Chloro-3-methylphenol	11.934	107	202895	60.999	ng	95
37) 2-Methylnaphthalene	12.310	142	395854	60.074	ng	96
38) 1-Methylnaphthalene	12.527	142	386279	59.349	ng	99
40) 1,2,4,5-Tetrachloroben...	12.674	216	211572	61.558	ng	98
41) Hexachlorocyclopentadiene	12.662	237	109873	67.263	ng	94
43) 2,4,6-Trichlorophenol	12.915	196	142653	62.098	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
 Data File : BG064224.D
 Acq On : 28 Aug 2025 15:35
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:41:04 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 28 17:41:58 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.985	196	156040	62.618	ng	100
46) 1,1'-Biphenyl	13.320	154	525792	60.603	ng	98
47) 2-Chloronaphthalene	13.361	162	399038	61.178	ng	96
48) 2-Nitroaniline	13.561	65	145751	65.561	ng	92
49) Acenaphthylene	14.207	152	575370	59.674	ng	99
50) Dimethylphthalate	13.943	163	516639	57.300	ng	100
51) 2,6-Dinitrotoluene	14.061	165	112647	64.535	ng	92
52) Acenaphthene	14.548	154	404535	59.453	ng	99
53) 3-Nitroaniline	14.390	138	115002	62.898	ng	92
54) 2,4-Dinitrophenol	14.589	184	67869	60.959	ng	95
55) Dibenzofuran	14.883	168	626661	58.552	ng	97
56) 4-Nitrophenol	14.695	139	91069	60.719	ng	96
57) 2,4-Dinitrotoluene	14.848	165	163372	61.902	ng	# 96
58) Fluorene	15.535	166	499733	56.968	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.106	232	144297	60.205	ng	98
60) Diethylphthalate	15.312	149	546656	56.652	ng	100
61) 4-Chlorophenyl-phenyle...	15.529	204	255865	58.501	ng	98
62) 4-Nitroaniline	15.553	138	118212	63.360	ng	96
63) Azobenzene	15.823	77	497962	57.900	ng	98
65) 4,6-Dinitro-2-methylph...	15.612	198	101194	67.426	ng	91
66) n-Nitrosodiphenylamine	15.741	169	441909	61.453	ng	100
67) 4-Bromophenyl-phenylether	16.422	248	171364	61.720	ng	95
68) Hexachlorobenzene	16.534	284	190207	61.691	ng	96
69) Atrazine	16.693	200	176003	58.617	ng	99
70) Pentachlorophenol	16.875	266	122654	65.608	ng	93
71) Phenanthrene	17.269	178	816436	59.216	ng	99
72) Anthracene	17.357	178	838831	59.810	ng	99
73) Carbazole	17.627	167	733146	59.340	ng	98
74) Di-n-butylphthalate	18.197	149	877217	59.097	ng	98
75) Fluoranthene	19.278	202	947053	58.419	ng	100
77) Benzidine	19.454	184	278230	50.842	ng	99
78) Pyrene	19.636	202	990486	60.435	ng	99
80) Butylbenzylphthalate	20.535	149	386881	62.586	ng	98
81) Benzo(a)anthracene	21.434	228	1010842	60.738	ng	99
82) 3,3'-Dichlorobenzidine	21.358	252	324809	59.926	ng	98
83) Chrysene	21.499	228	958620	59.998	ng	98
84) Bis(2-ethylhexyl)phtha...	21.364	149	572579	61.696	ng	98
85) Di-n-octyl phthalate	22.504	149	1017157	62.901	ng	100
87) Indeno(1,2,3-cd)pyrene	27.868	276	1208324	62.724	ng	# 96
88) Benzo(b)fluoranthene	23.520	252	985063	61.873	ng	99
89) Benzo(k)fluoranthene	23.585	252	994667	61.325	ng	98
90) Benzo(a)pyrene	24.331	252	923392	62.350	ng	97
91) Dibenzo(a,h)anthracene	27.921	278	968236	62.598	ng	99
92) Benzo(g,h,i)perylene	28.925	276	933012	61.991	ng	98

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

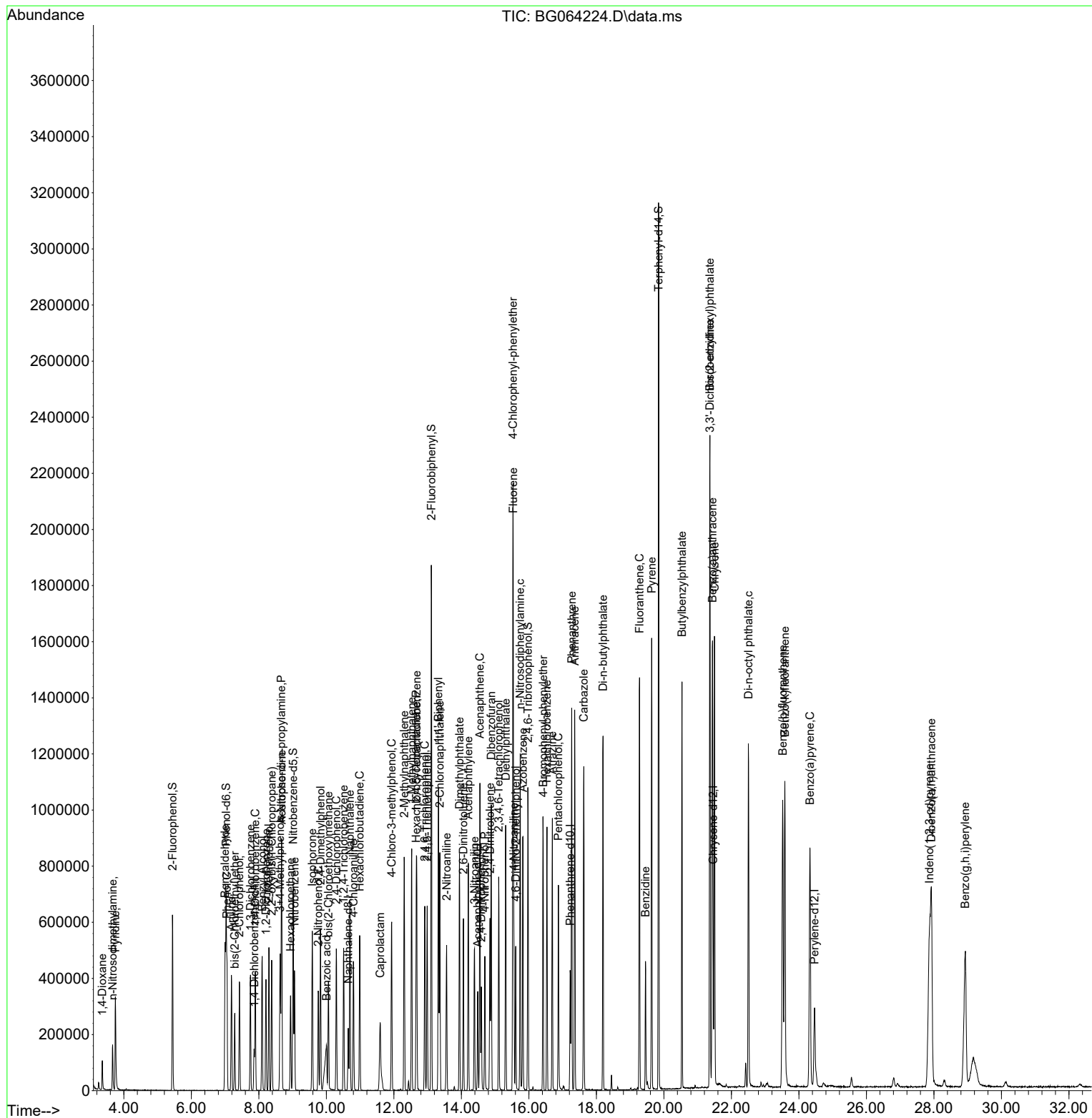
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Data File : BG064224.D
Acq On : 28 Aug 2025 15:35
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

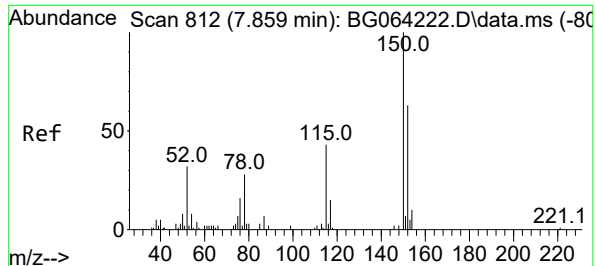
Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

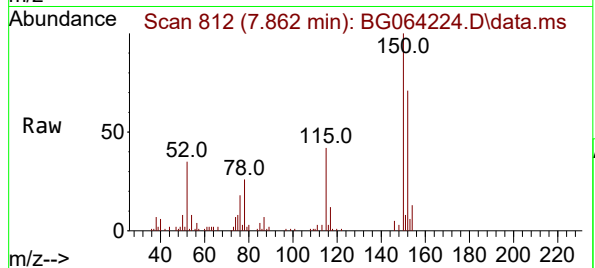
Quant Time: Aug 28 18:41:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.862 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

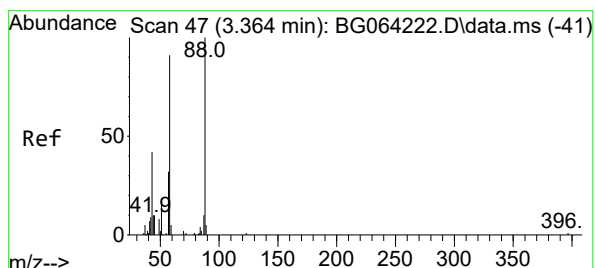
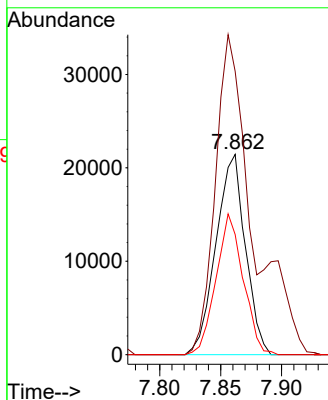
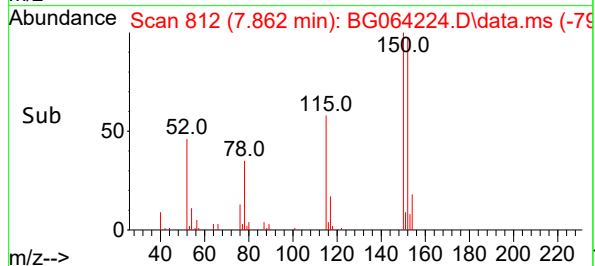
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:152 Resp: 3601
Ion Ratio Lower Upper
152 100
150 141.4 128.0 192.0
115 59.9 55.7 83.5

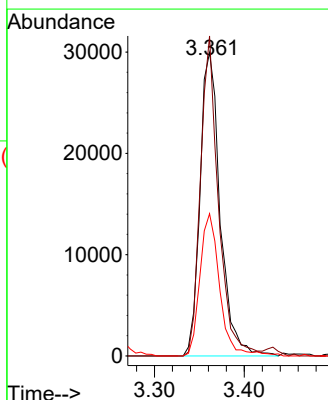
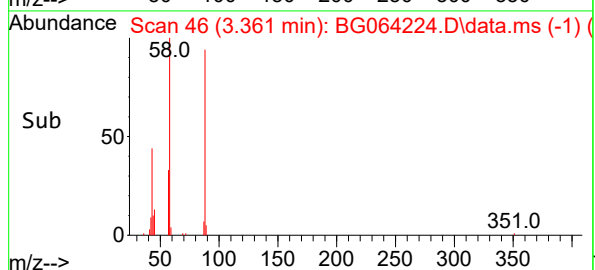
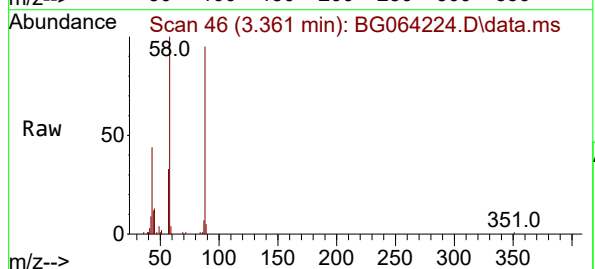
Manual Integrations
APPROVED

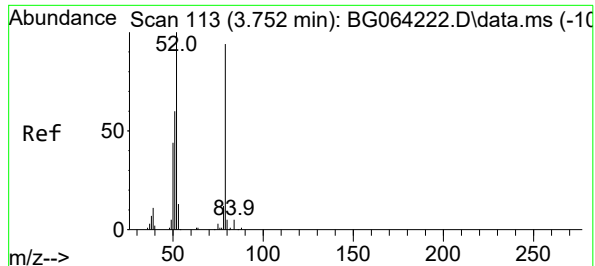
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#2
1,4-Dioxane
Concen: 55.765 ng
RT: 3.361 min Scan# 46
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

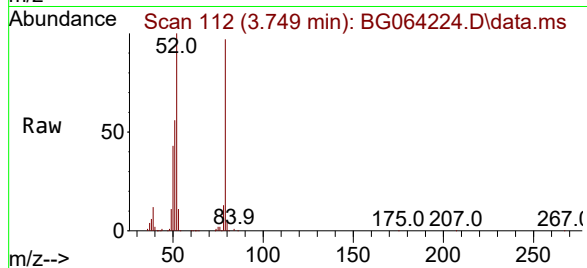
Tgt Ion: 88 Resp: 46659
Ion Ratio Lower Upper
88 100
58 94.1 80.8 121.2
43 46.0 40.3 60.5





#3
Pyridine
Concen: 60.164 ng
RT: 3.749 min Scan# 113
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

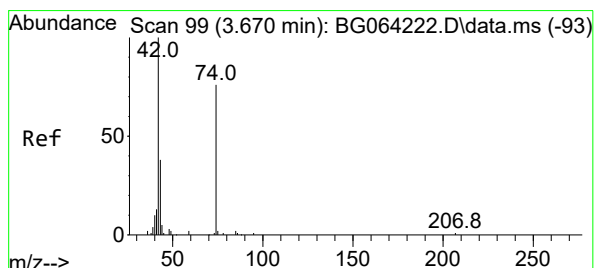
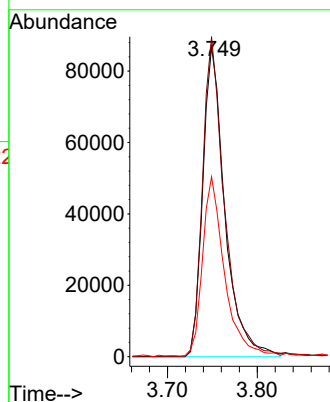
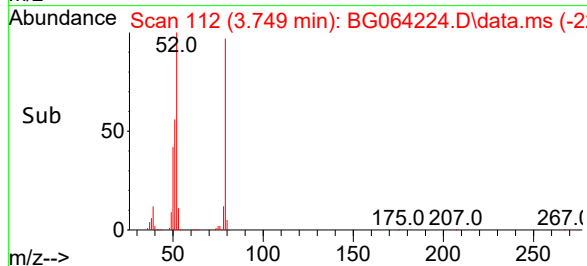
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion: 79 Resp: 14818
Ion Ratio Lower Upper
79 100
52 103.3 86.6 129.8
51 58.0 114.1 171.1

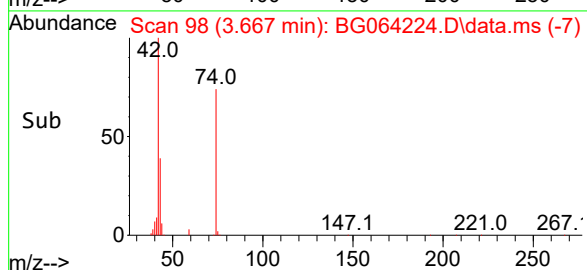
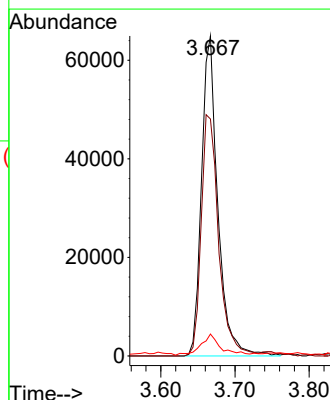
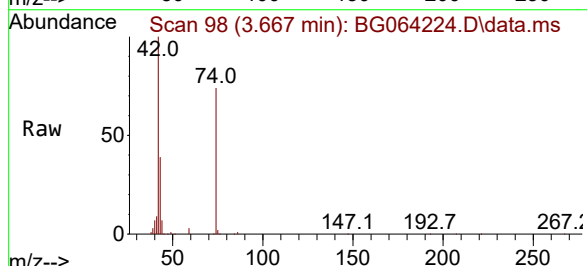
Manual Integrations
APPROVED

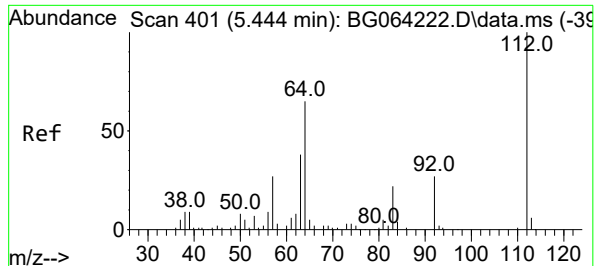
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#4
n-Nitrosodimethylamine
Concen: 60.754 ng
RT: 3.667 min Scan# 98
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion: 42 Resp: 98975
Ion Ratio Lower Upper
42 100
74 74.0 58.0 87.0
44 6.8 5.5 8.3





#5

2-Fluorophenol

Concen: 120.199 ng

RT: 5.441 min Scan# 401

Delta R.T. -0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:112 Resp: 241289

Ion Ratio Lower Upper

112 100

64 65.8 51.8 77.6

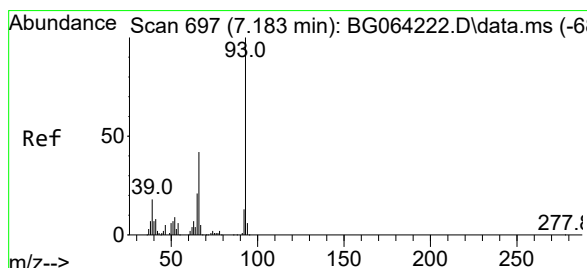
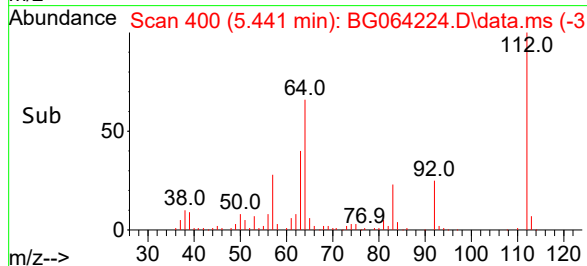
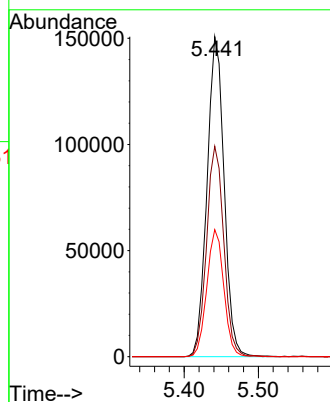
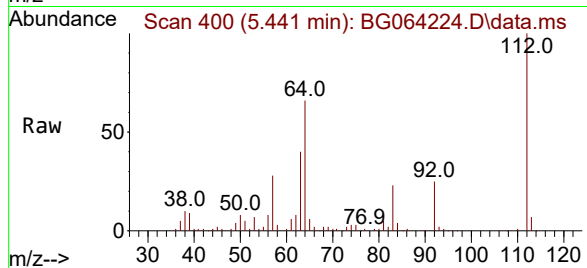
63 39.7 30.6 45.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#6

Aniline

Concen: 62.417 ng

RT: 7.186 min Scan# 697

Delta R.T. -0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

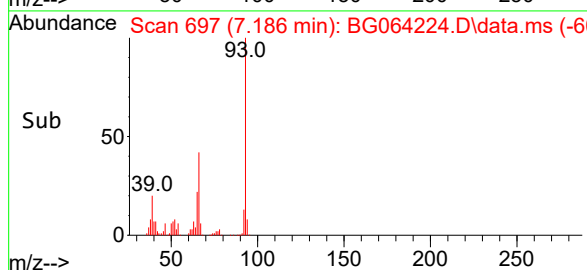
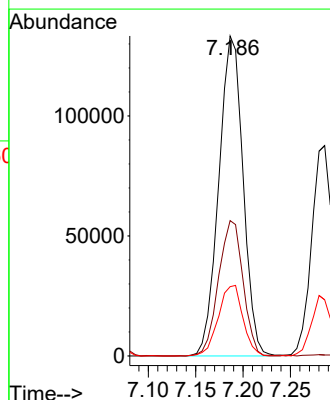
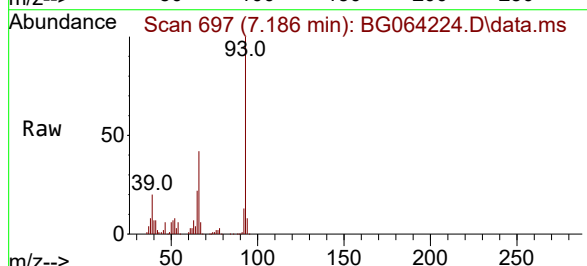
Tgt Ion: 93 Resp: 238042

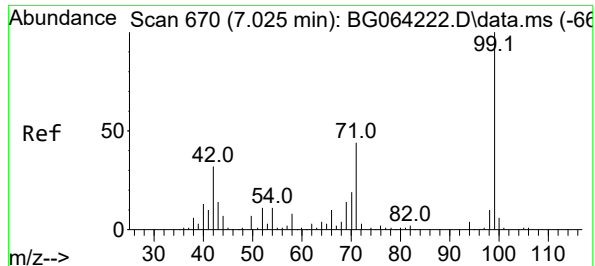
Ion Ratio Lower Upper

93 100

66 42.3 33.8 50.8

65 21.7 16.9 25.3





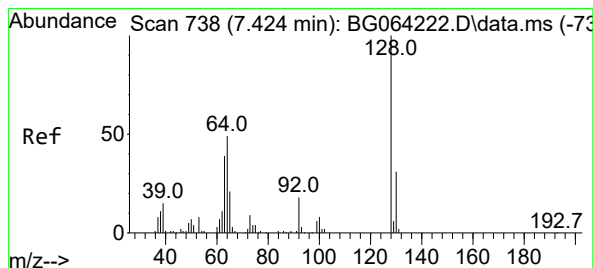
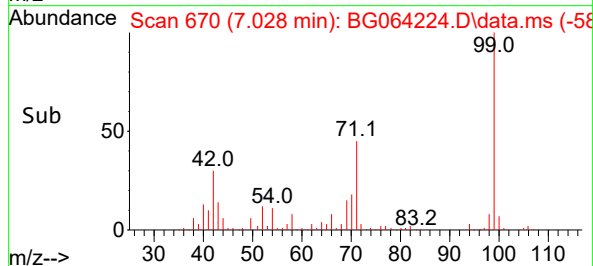
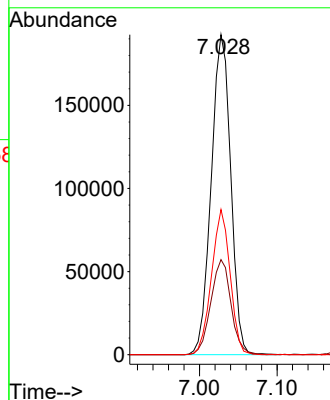
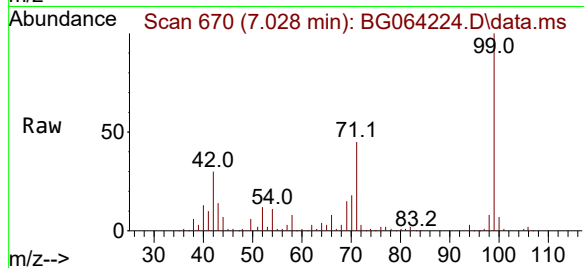
#7
Phenol-d6
Concen: 121.816 ng
RT: 7.028 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion: 99 Resp: 335950
Ion Ratio Lower Upper
99 100
42 29.7 25.8 38.8
71 45.4 35.2 52.8

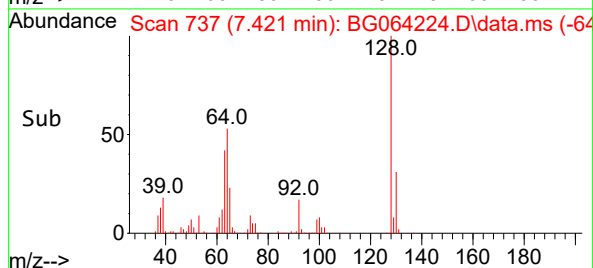
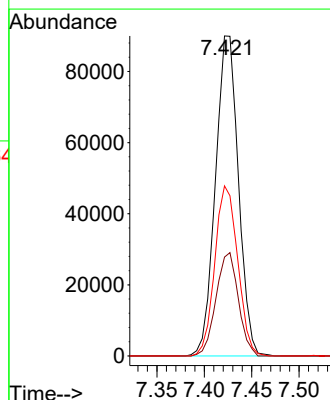
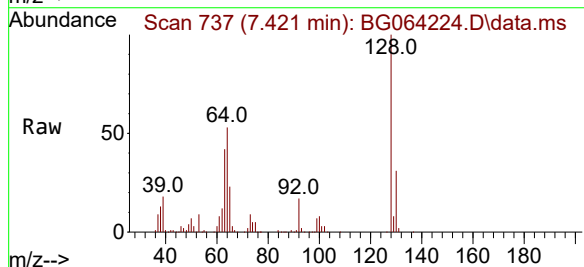
Manual Integrations
APPROVED

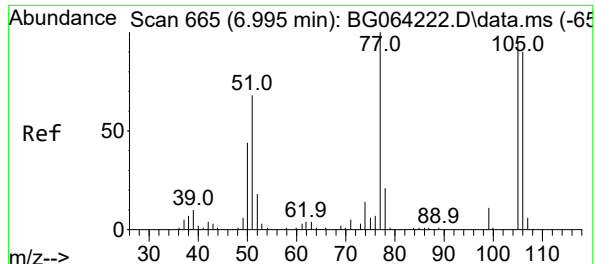
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#8
2-Chlorophenol
Concen: 61.987 ng
RT: 7.421 min Scan# 737
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

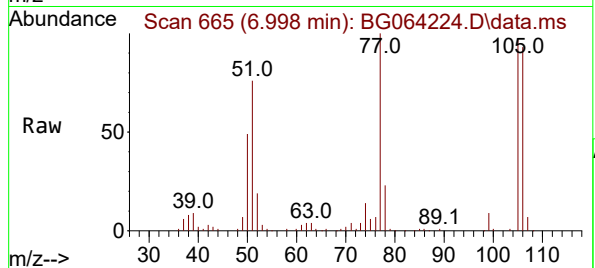
Tgt Ion:128 Resp: 152055
Ion Ratio Lower Upper
128 100
130 30.9 10.9 50.9
64 53.2 28.7 68.7





#9
Benzaldehyde
Concen: 68.486 ng
RT: 6.998 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

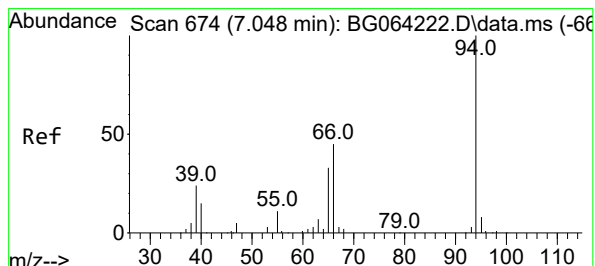
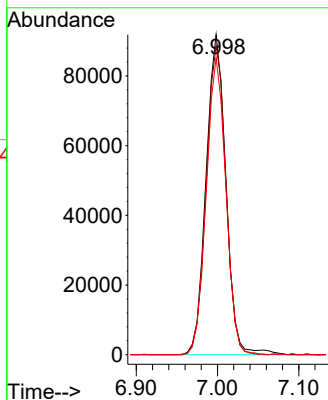
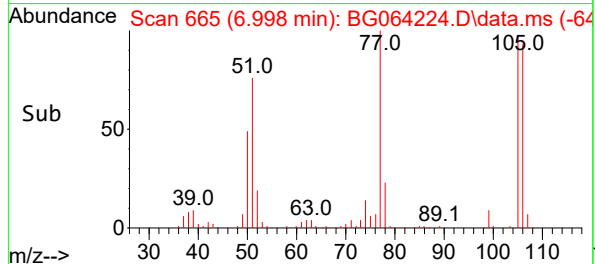
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion: 77 Resp: 15543
Ion Ratio Lower Upper
77 100
105 96.6 75.2 115.2
106 92.7 69.6 109.6

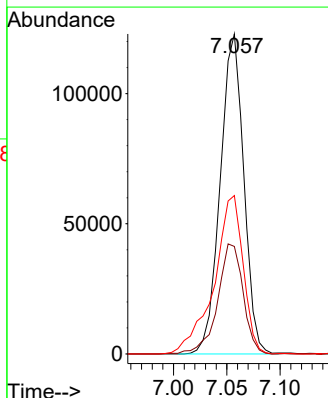
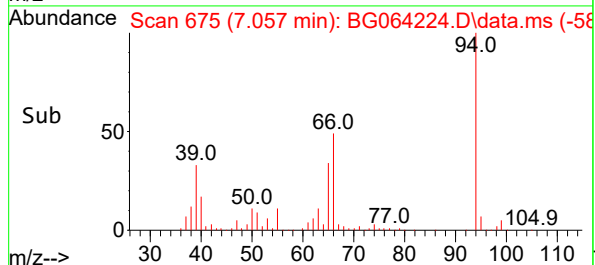
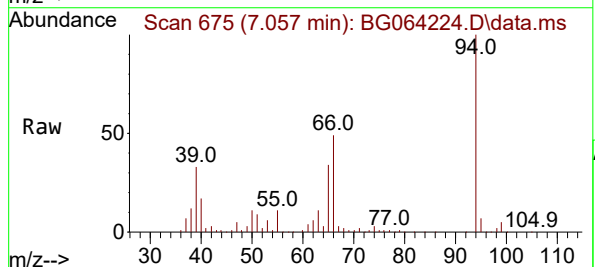
Manual Integrations
APPROVED

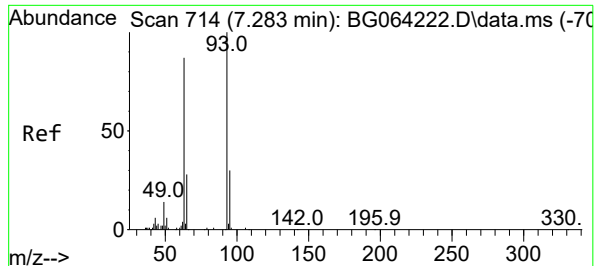
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#10
Phenol
Concen: 62.023 ng
RT: 7.057 min Scan# 675
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

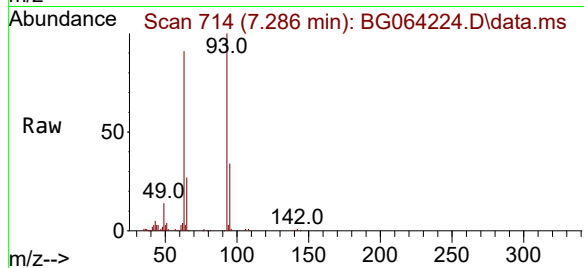
Tgt Ion: 94 Resp: 188585
Ion Ratio Lower Upper
94 100
65 33.6 13.5 53.5
66 49.5 26.2 66.2





#11
bis(2-Chloroethyl)ether
Concen: 60.065 ng
RT: 7.286 min Scan# 714
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

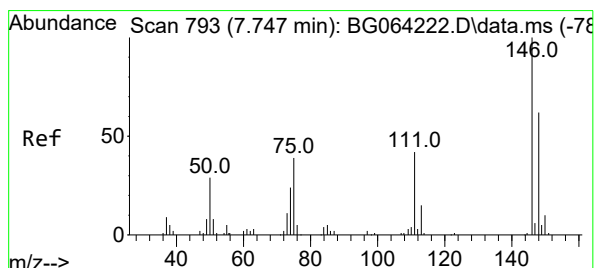
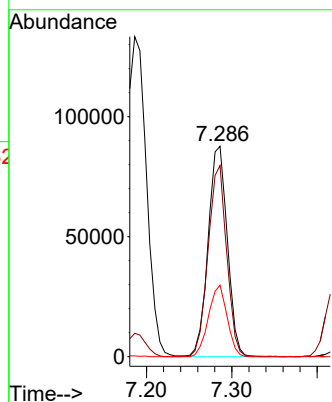
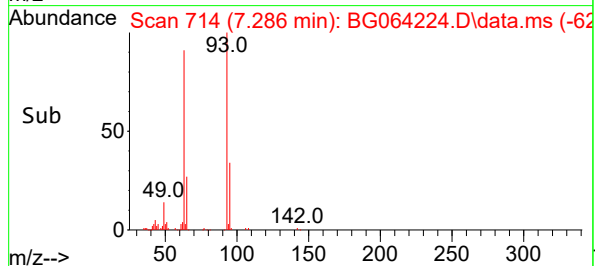
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BNA_G
ClientSampleId :
SSTDICC060



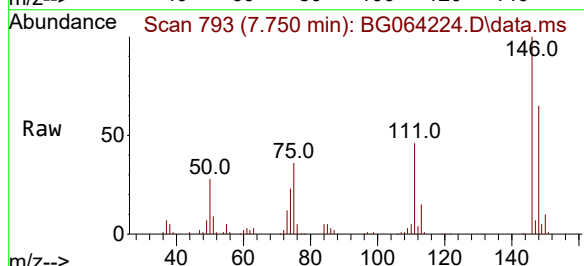
Tgt Ion: 93 Resp: 13723
Ion Ratio Lower Upper
93 100
63 90.9 66.2 106.2
95 34.0 9.8 49.8

Manual Integrations
APPROVED

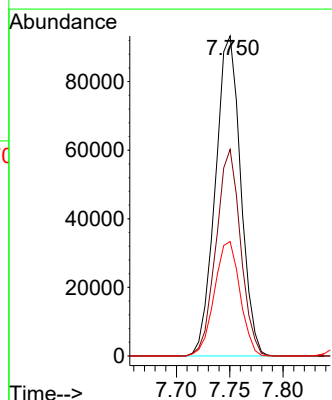
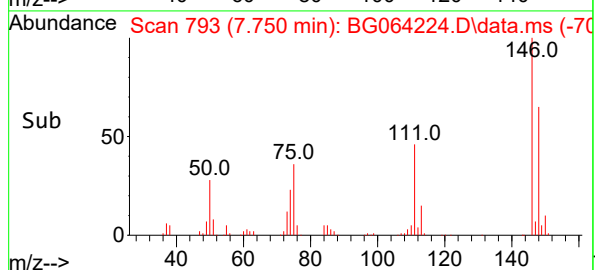
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

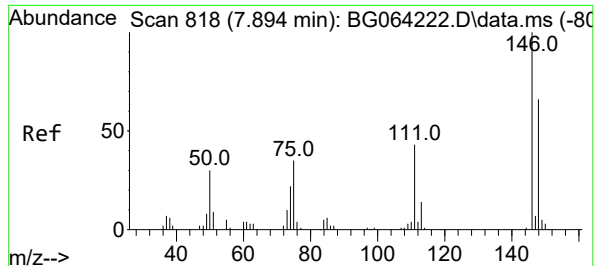


#12
1,3-Dichlorobenzene
Concen: 59.001 ng
RT: 7.750 min Scan# 793
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35



Tgt Ion:146 Resp: 153973
Ion Ratio Lower Upper
146 100
148 64.6 49.6 74.4
75 35.8 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 59.377 ng

RT: 7.891 min Scan# 81

Delta R.T. -0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:146 Resp: 156384

Ion Ratio Lower Upper

146 100

148 65.8 52.8 79.2

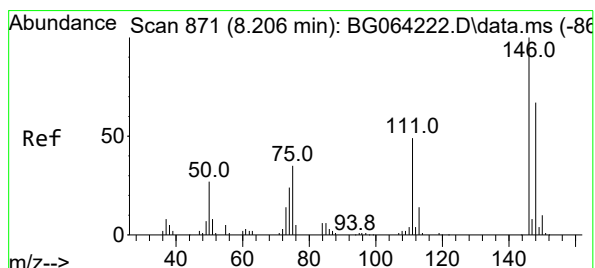
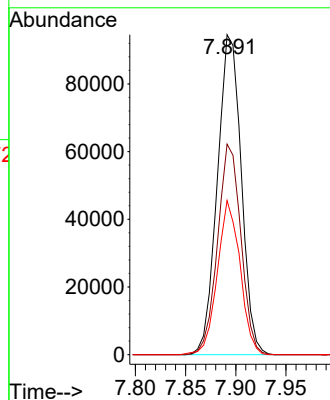
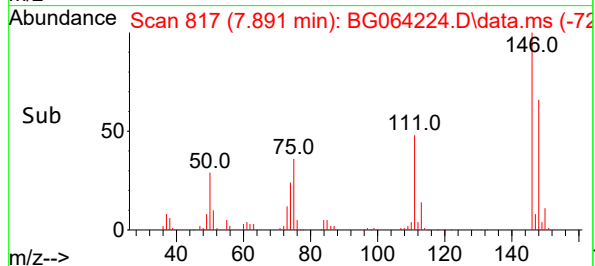
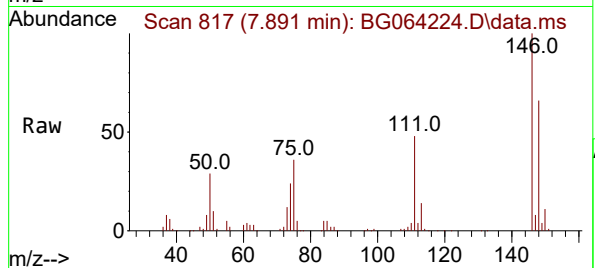
111 48.1 34.1 51.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#14

1,2-Dichlorobenzene

Concen: 61.080 ng

RT: 8.209 min Scan# 871

Delta R.T. -0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

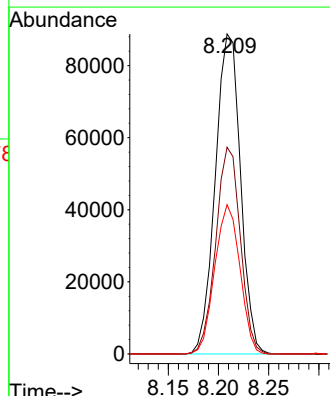
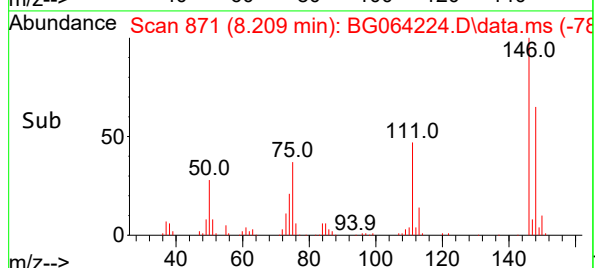
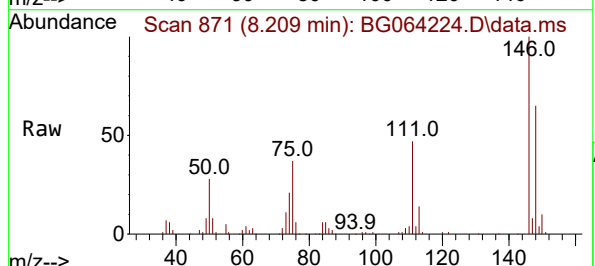
Tgt Ion:146 Resp: 155259

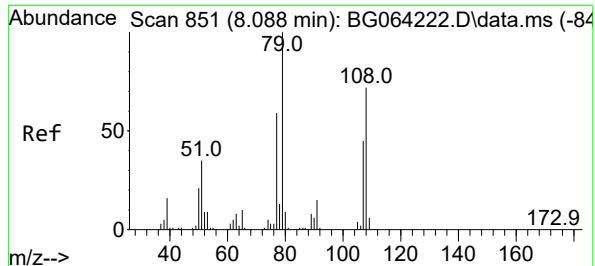
Ion Ratio Lower Upper

146 100

148 64.6 53.4 80.0

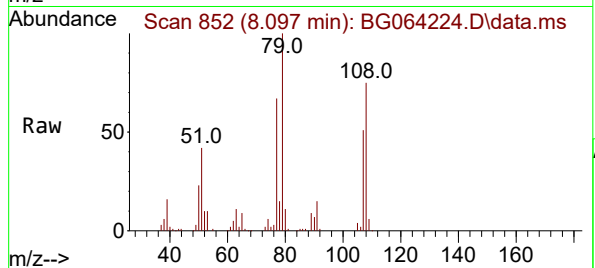
111 46.6 39.1 58.7





#15
Benzyl Alcohol
Concen: 61.031 ng
RT: 8.097 min Scan# 851
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

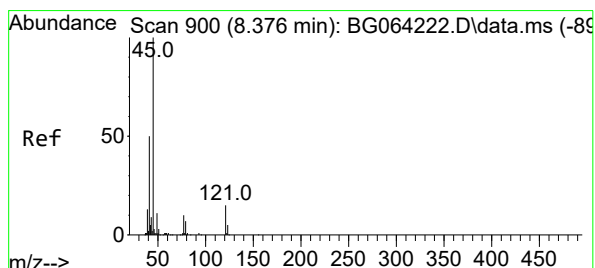
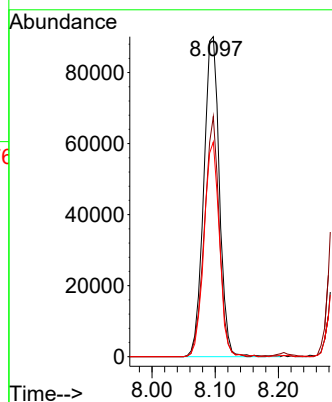
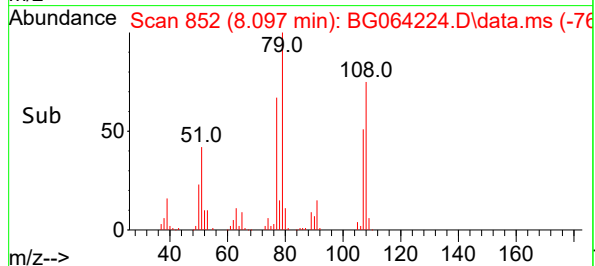
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion: 79 Resp: 155329
Ion Ratio Lower Upper
79 100
108 75.0 57.4 86.0
77 67.1 47.2 70.8

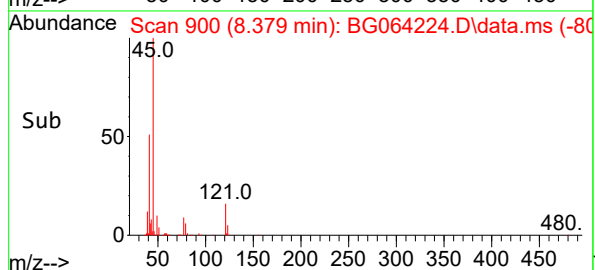
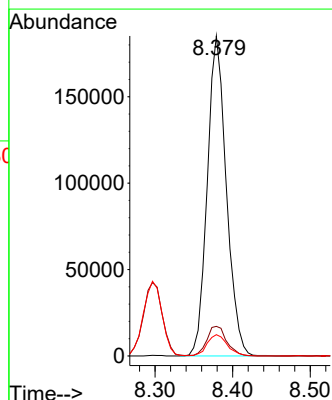
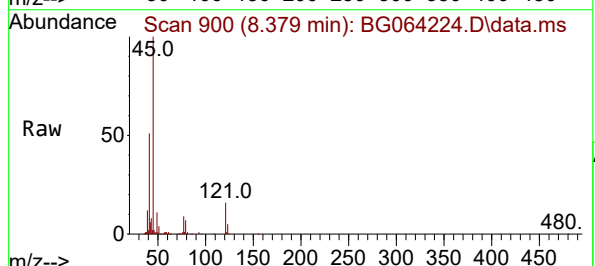
Manual Integrations
APPROVED

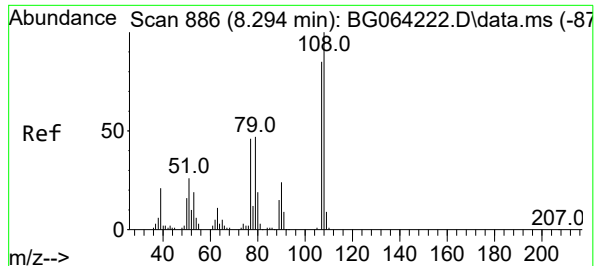
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 60.705 ng
RT: 8.379 min Scan# 900
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion: 45 Resp: 316667
Ion Ratio Lower Upper
45 100
77 9.2 0.0 30.0
79 6.7 0.0 27.9





#17

2-Methylphenol

Concen: 62.233 ng

RT: 8.297 min Scan# 886

Delta R.T. -0.003 min

Lab File: BG064224.D

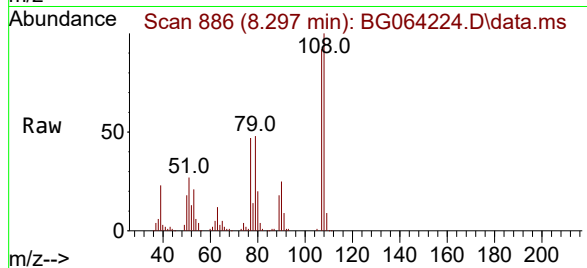
Acq: 28 Aug 2025 15:35

Instrument :

BNA_G

ClientSampleId :

SSTDICC060



Tgt Ion:107 Resp: 141020

Ion Ratio Lower Upper

107 100

108 108.8 94.6 141.8

77 51.3 43.7 65.5

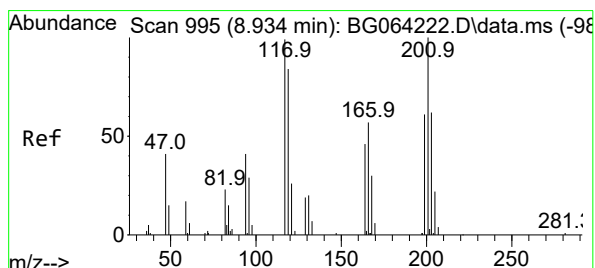
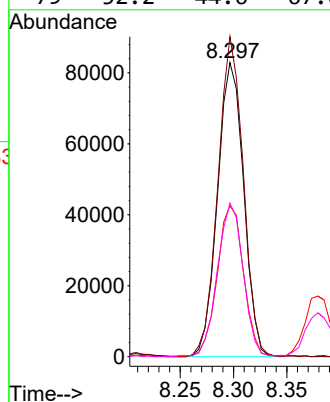
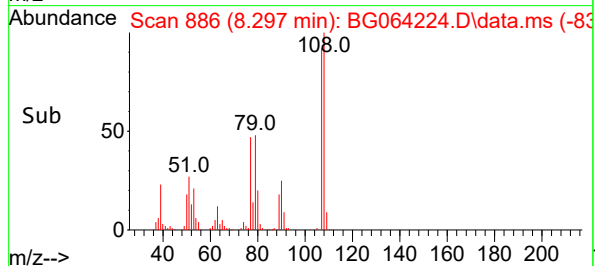
79 52.2 44.6 67.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#18

Hexachloroethane

Concen: 59.678 ng

RT: 8.937 min Scan# 995

Delta R.T. 0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

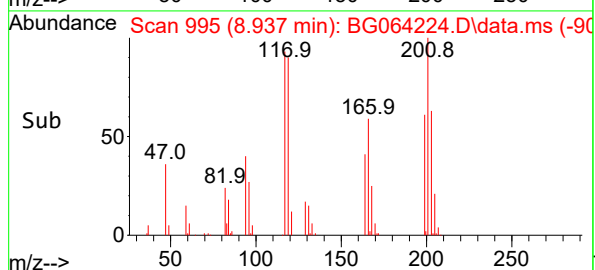
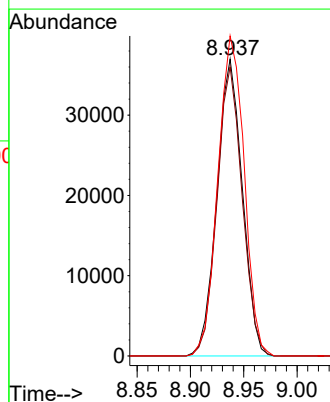
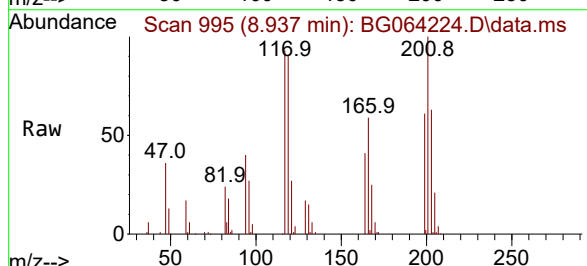
Tgt Ion:117 Resp: 61354

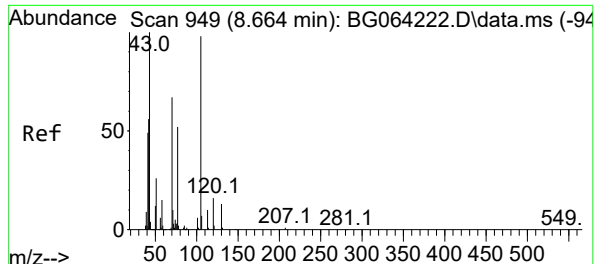
Ion Ratio Lower Upper

117 100

119 97.4 67.9 101.9

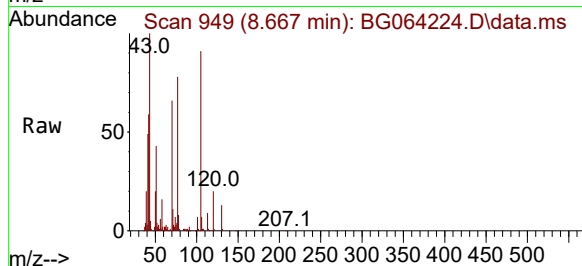
201 107.8 80.5 120.7





#19
n-Nitroso-di-n-propylamine
Concen: 62.952 ng
RT: 8.667 min Scan# 949
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

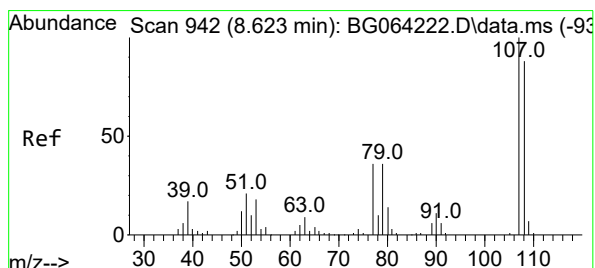
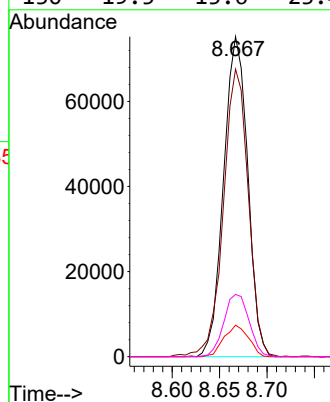
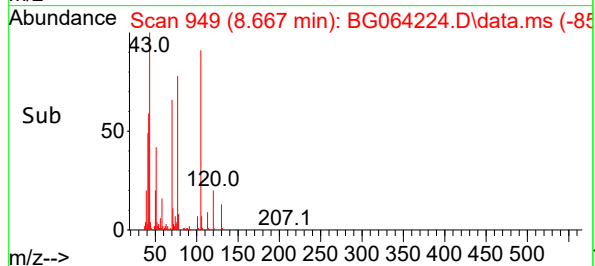
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion: 70 Resp: 132872
Ion Ratio Lower Upper
70 100
42 89.9 67.9 101.9
101 9.9 7.3 10.9
130 19.5 15.6 23.4

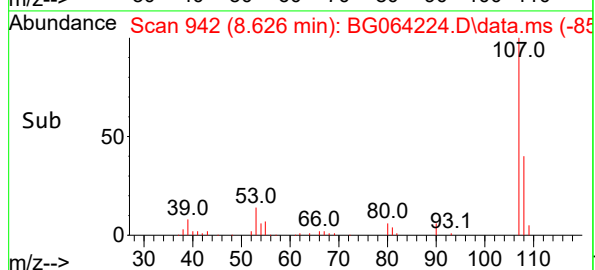
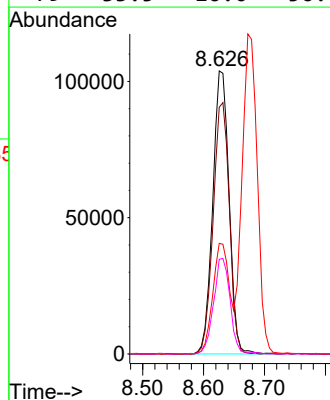
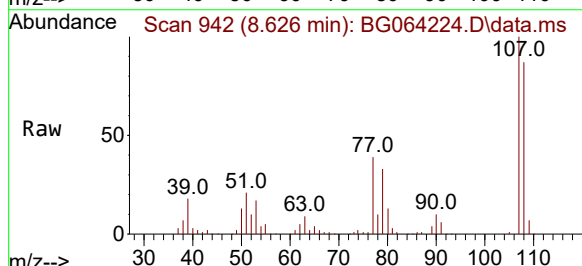
Manual Integrations
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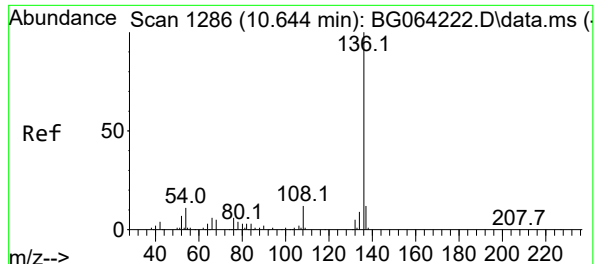
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#20
3+4-Methylphenols
Concen: 61.332 ng
RT: 8.626 min Scan# 942
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

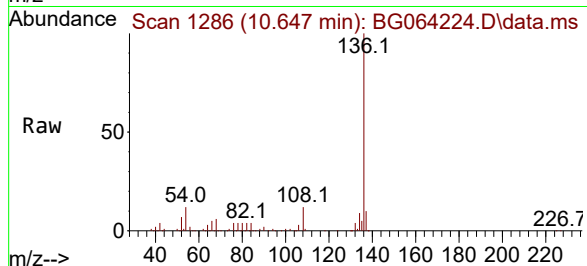
Tgt Ion:107 Resp: 193119
Ion Ratio Lower Upper
107 100
108 87.2 68.1 108.1
77 39.1 15.9 55.9
79 33.5 16.0 56.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.647 min Scan# 1286
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

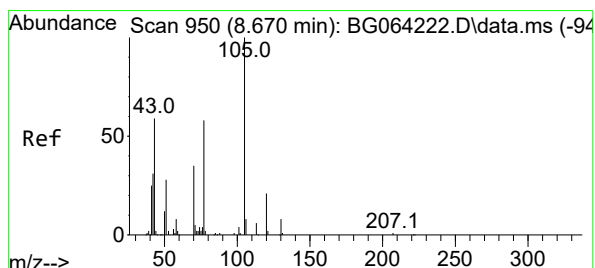
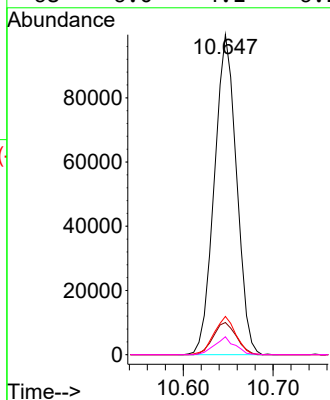
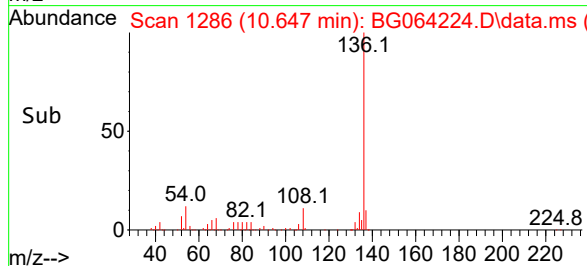
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:136 Resp: 170958
Ion Ratio Lower Upper
136 100
137 10.1 9.6 14.4
54 12.0 8.8 13.2
68 6.0 4.1 6.1

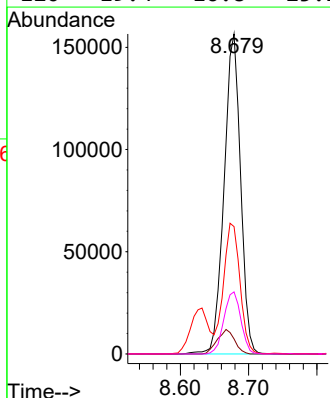
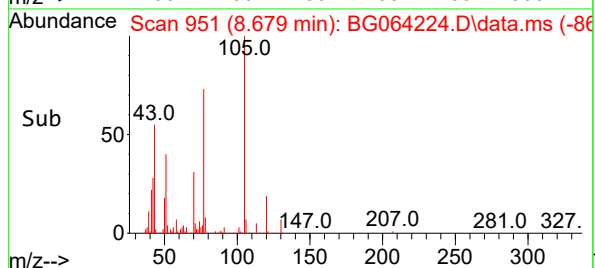
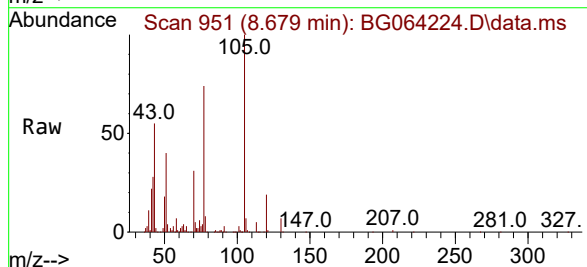
Manual Integrations
APPROVED

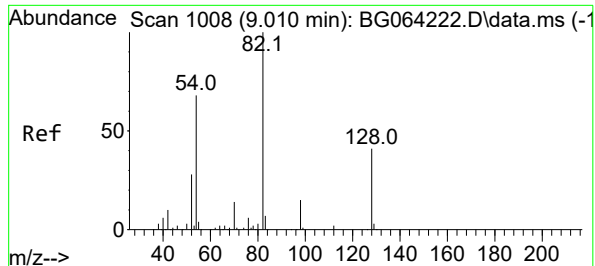
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#22
Acetophenone
Concen: 60.845 ng
RT: 8.679 min Scan# 951
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:105 Resp: 263157
Ion Ratio Lower Upper
105 100
71 4.7 4.3 6.5
51 39.8 32.4 48.6
120 19.4 16.8 25.2





#23

Nitrobenzene-d5

Concen: 125.810 ng

RT: 9.014 min Scan# 1008

Delta R.T. -0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 385650

Ion Ratio Lower Upper

82 100

128 42.0 32.6 48.8

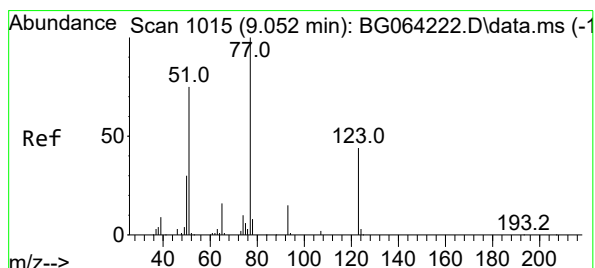
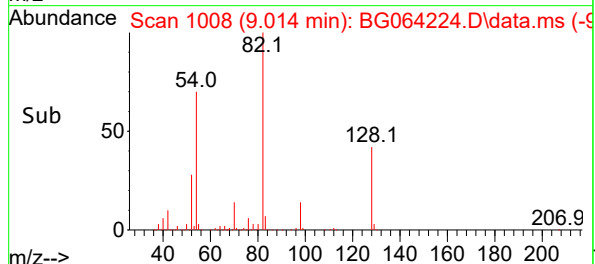
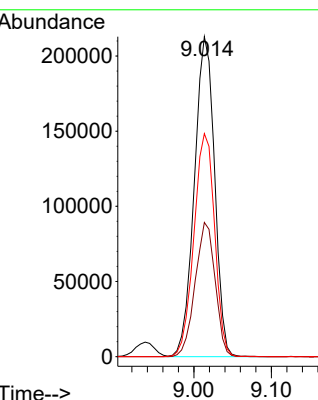
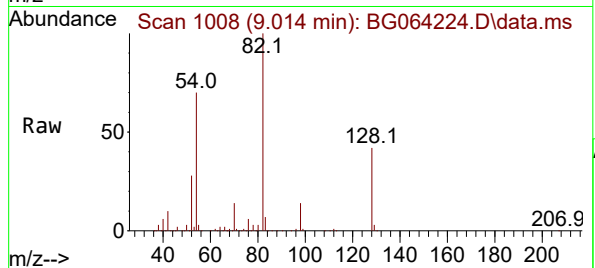
54 69.7 54.7 82.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#24

Nitrobenzene

Concen: 61.967 ng

RT: 9.055 min Scan# 1015

Delta R.T. -0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

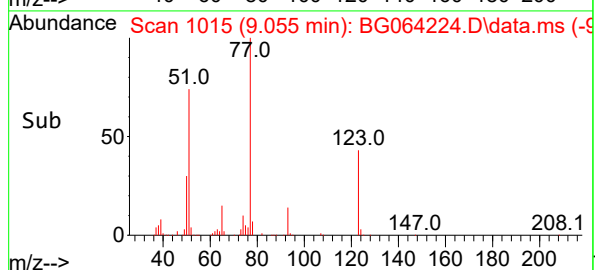
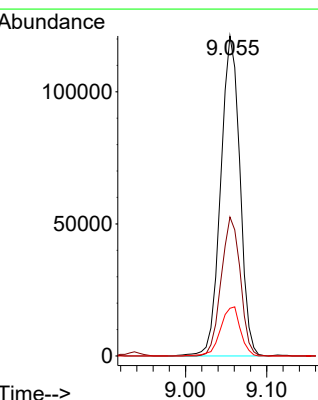
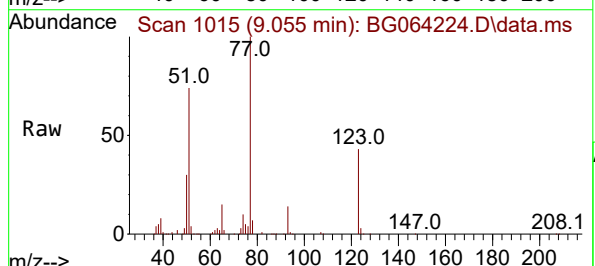
Tgt Ion: 77 Resp: 198465

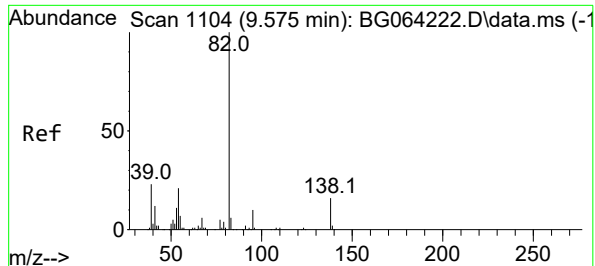
Ion Ratio Lower Upper

77 100

123 43.4 35.2 52.8

65 14.9 12.6 19.0





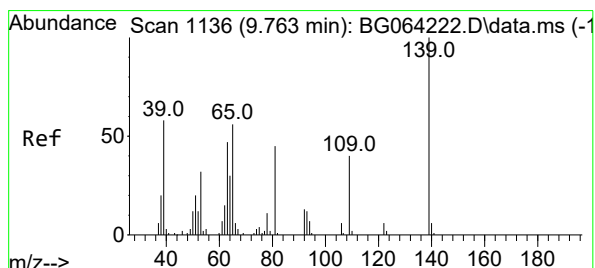
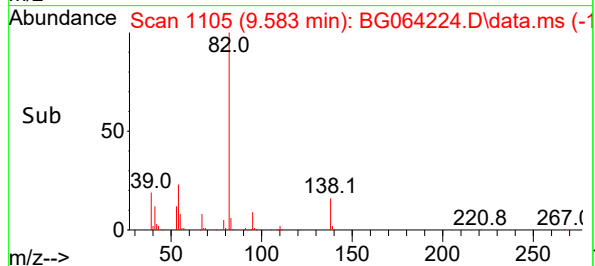
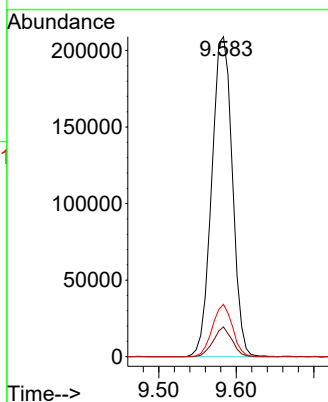
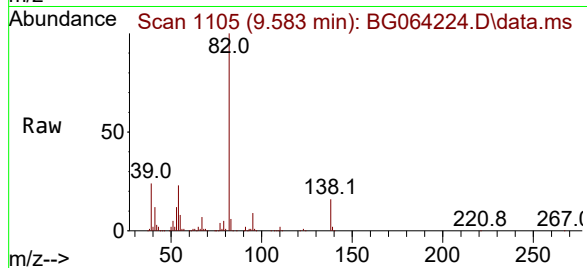
#25
Isophorone
Concen: 60.683 ng
RT: 9.583 min Scan# 1105
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 386602
Ion Ratio Lower Upper
82 100
95 9.3 7.9 11.9
138 16.3 13.0 19.4

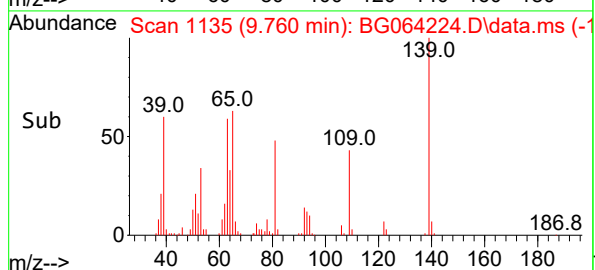
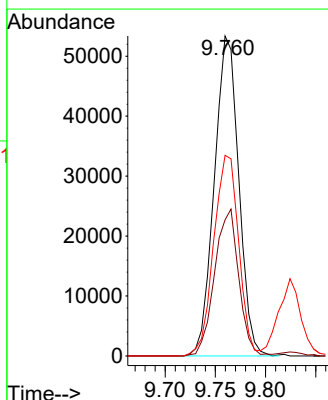
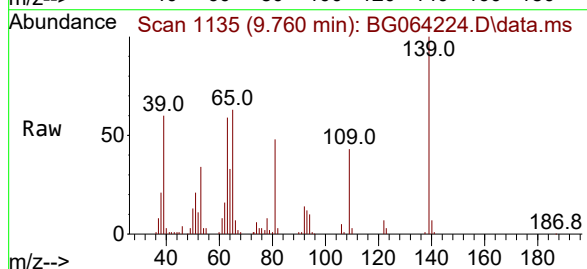
Manual Integrations
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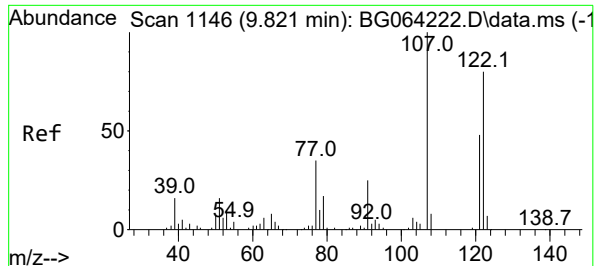
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#26
2-Nitrophenol
Concen: 65.298 ng
RT: 9.760 min Scan# 1135
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

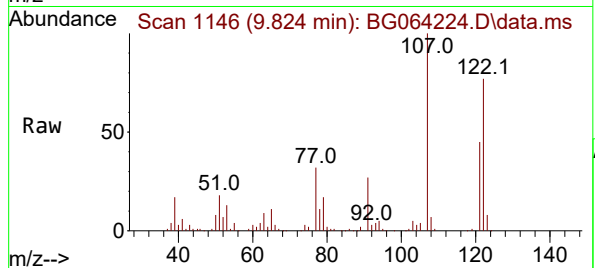
Tgt Ion:139 Resp: 90366
Ion Ratio Lower Upper
139 100
109 42.6 32.4 48.6
65 62.7 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 61.449 ng
RT: 9.824 min Scan# 1146
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

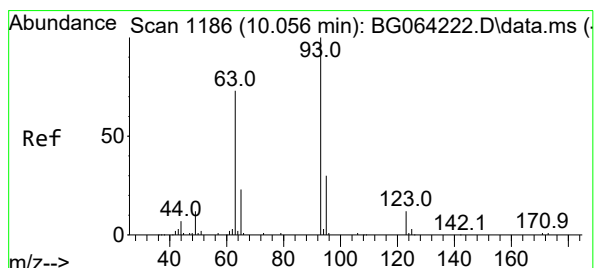
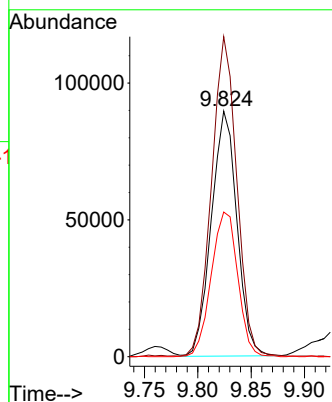
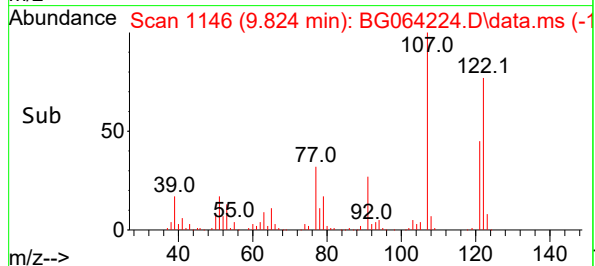
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:122 Resp: 149302
Ion Ratio Lower Upper
122 100
107 130.3 99.9 149.9
121 58.9 48.6 72.8

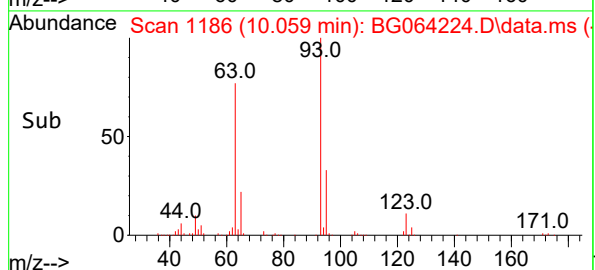
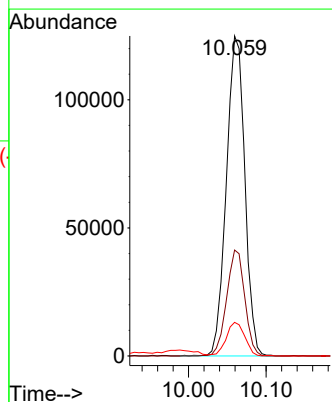
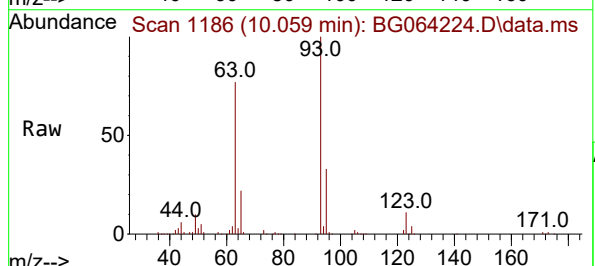
Manual Integrations
APPROVED

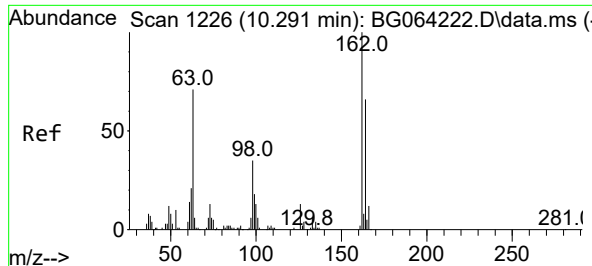
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#28
bis(2-Chloroethoxy)methane
Concen: 60.350 ng
RT: 10.059 min Scan# 1186
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion: 93 Resp: 207316
Ion Ratio Lower Upper
93 100
95 33.1 23.9 35.9
123 10.5 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 62.224 ng

RT: 10.294 min Scan# 1226

Delta R.T. -0.003 min

Lab File: BG064224.D

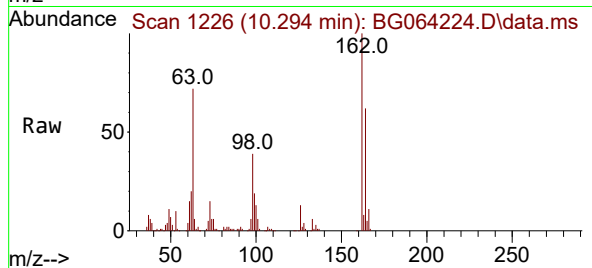
Acq: 28 Aug 2025 15:35

Instrument :

BNA_G

ClientSampleId :

SSTDICC060



Tgt Ion:162 Resp: 159519

Ion Ratio Lower Upper

162 100

164 62.0 45.8 85.8

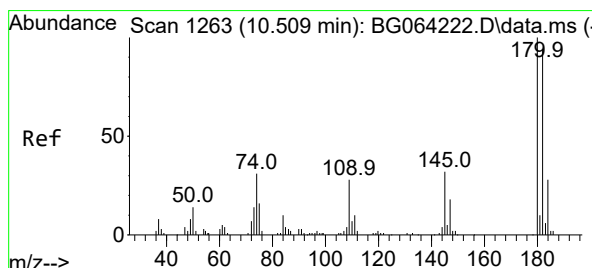
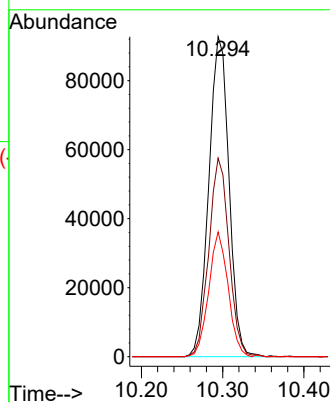
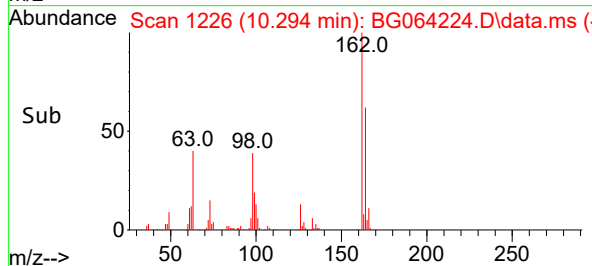
98 39.0 15.2 55.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#30

1,2,4-Trichlorobenzene

Concen: 60.163 ng

RT: 10.512 min Scan# 1263

Delta R.T. 0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

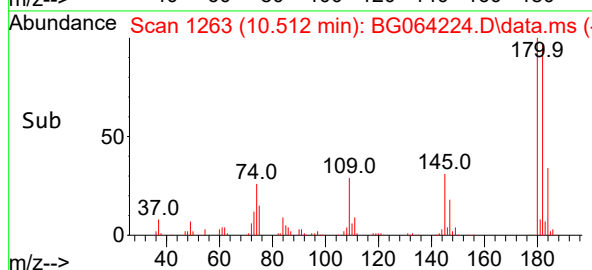
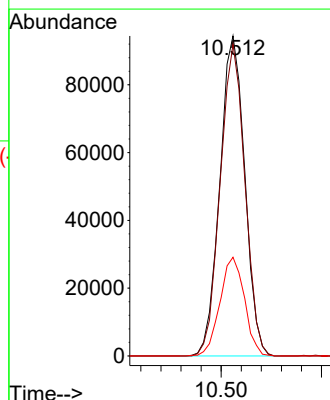
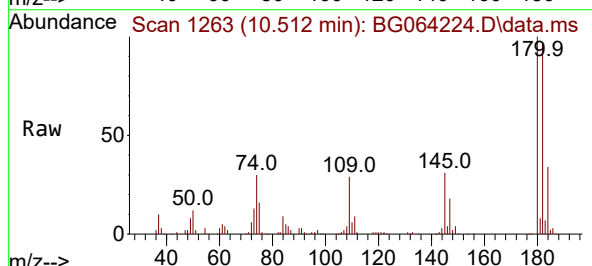
Tgt Ion:180 Resp: 162624

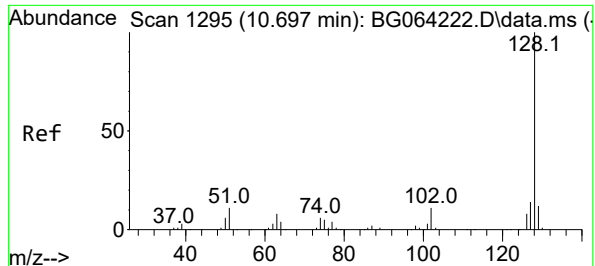
Ion Ratio Lower Upper

180 100

182 97.4 75.0 112.6

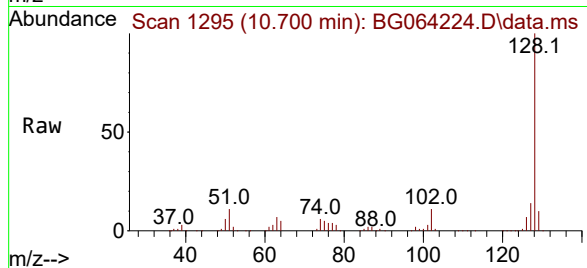
145 30.8 25.4 38.0





#31
Naphthalene
Concen: 60.212 ng
RT: 10.700 min Scan# 1175
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

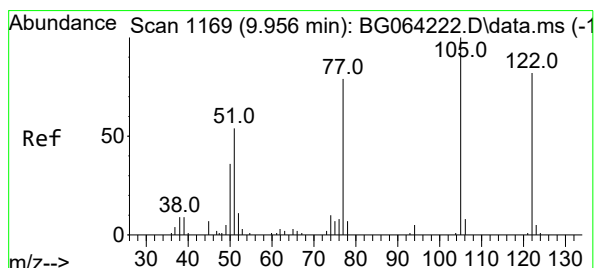
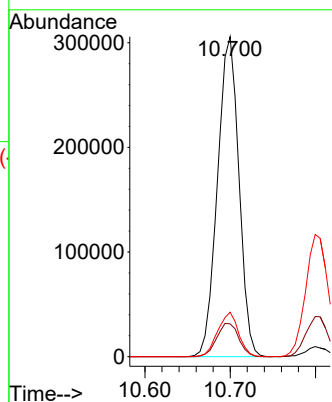
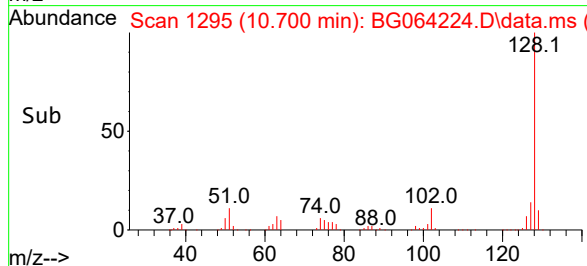
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:128 Resp: 533782
Ion Ratio Lower Upper
128 100
129 10.2 9.4 14.2
127 13.9 10.9 16.3

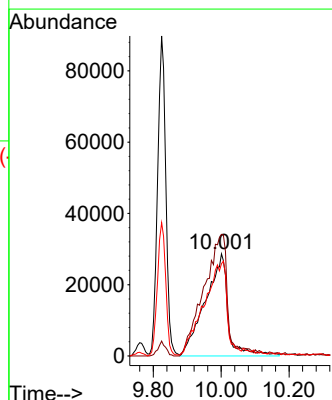
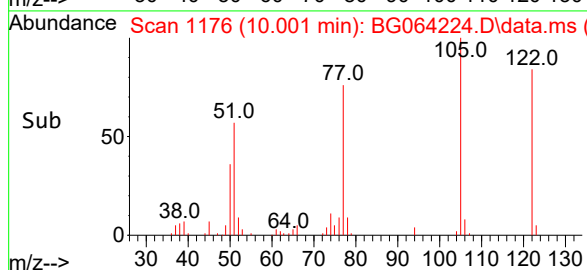
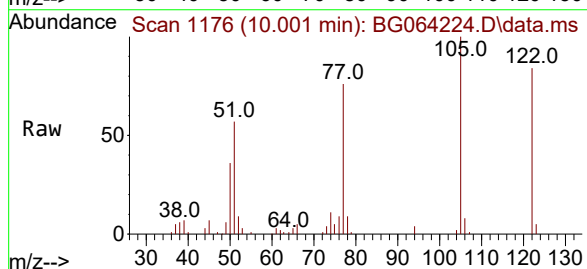
Manual Integrations
APPROVED

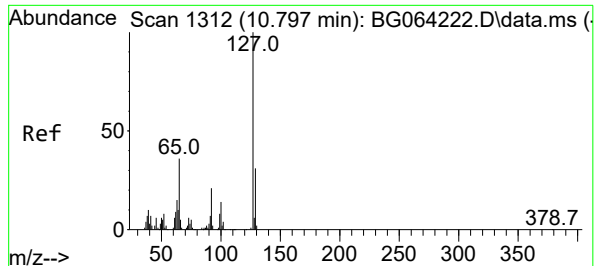
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#32
Benzoic acid
Concen: 68.994 ng m
RT: 10.001 min Scan# 1176
Delta R.T. -0.015 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

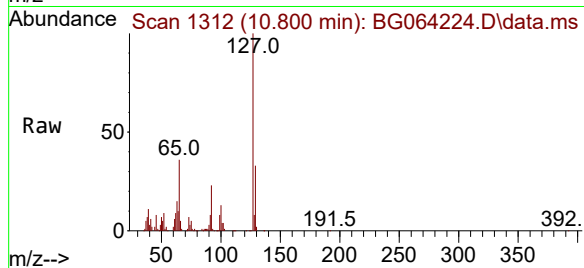
Tgt Ion:122 Resp: 133067
Ion Ratio Lower Upper
122 100
105 119.2 98.5 138.5
77 90.2 74.6 114.6





#33
4-Chloroaniline
Concen: 62.554 ng
RT: 10.800 min Scan# 1312
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

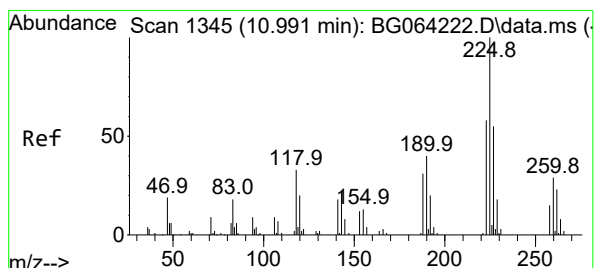
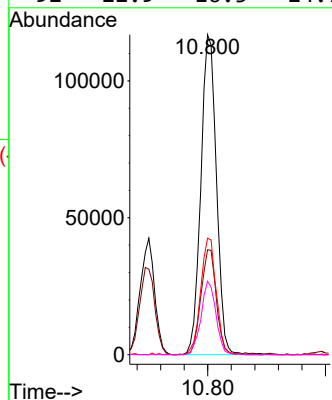
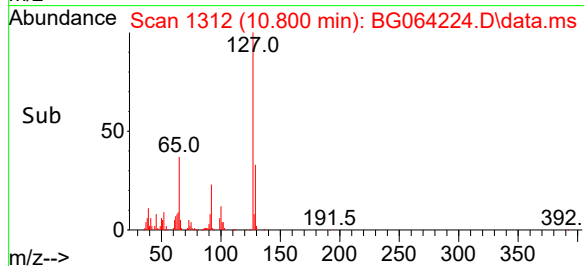
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



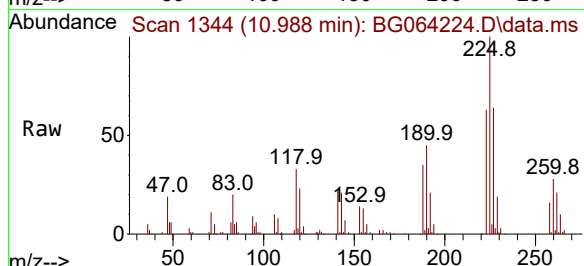
Tgt Ion:127 Resp: 21493
Ion Ratio Lower Upper
127 100
129 32.8 25.0 37.4
65 36.4 28.7 43.1
92 22.9 16.5 24.7

Manual Integrations
APPROVED

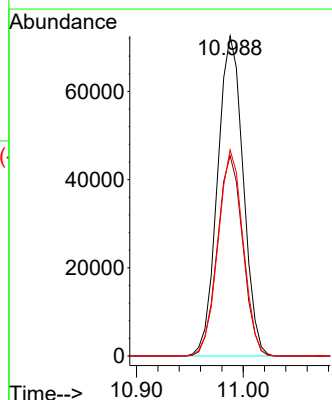
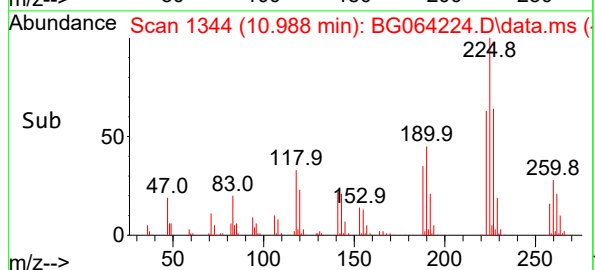
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

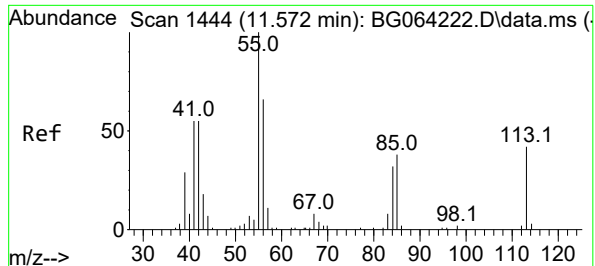


#34
Hexachlorobutadiene
Concen: 60.569 ng
RT: 10.988 min Scan# 1344
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35



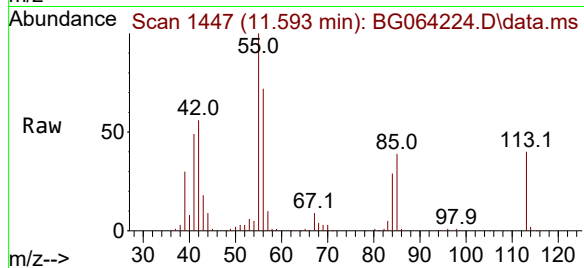
Tgt Ion:225 Resp: 121022
Ion Ratio Lower Upper
225 100
223 62.6 46.5 69.7
227 64.4 44.1 66.1





#35
Caprolactam
Concen: 58.831 ng
RT: 11.593 min Scan# 14
Delta R.T. -0.009 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

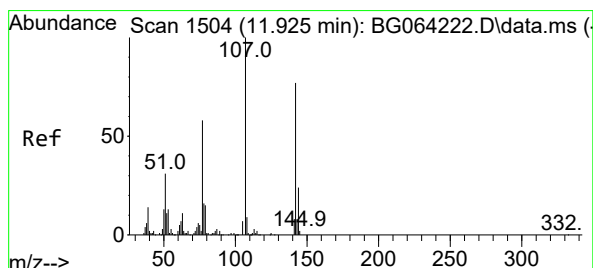
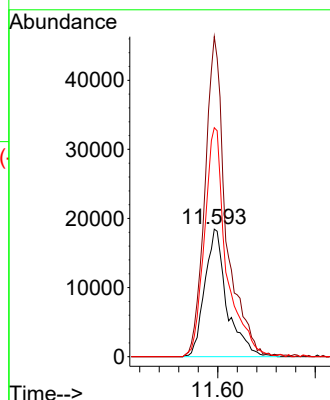
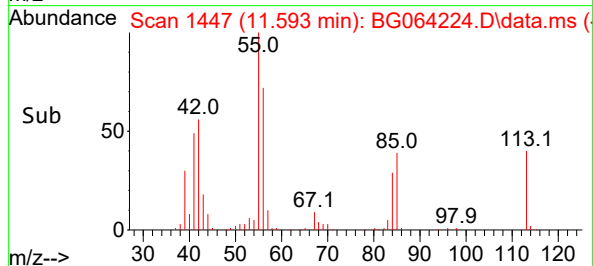
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:113 Resp: 58395
Ion Ratio Lower Upper
113 100
55 251.0 218.5 258.5
56 179.6 138.5 178.5

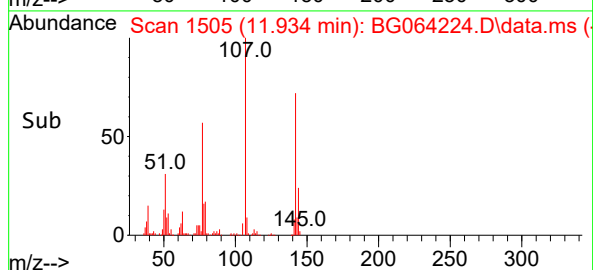
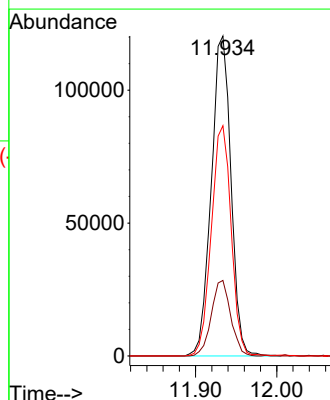
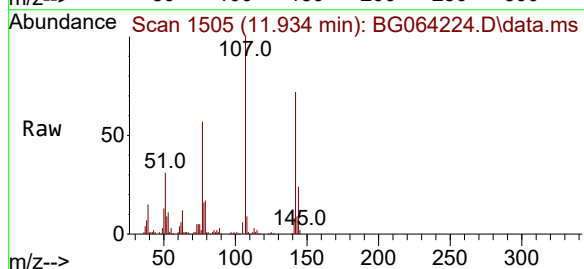
Manual Integrations
APPROVED

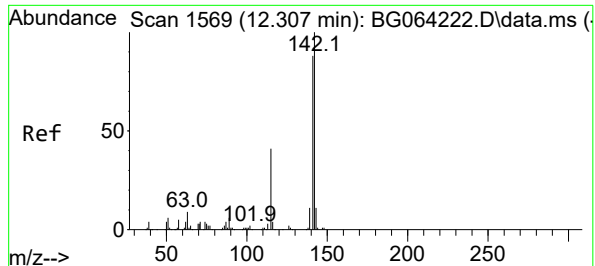
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#36
4-Chloro-3-methylphenol
Concen: 60.999 ng
RT: 11.934 min Scan# 1505
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

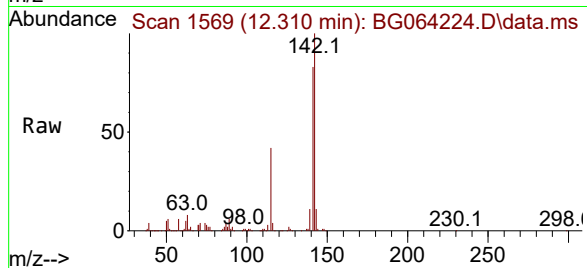
Tgt Ion:107 Resp: 202895
Ion Ratio Lower Upper
107 100
144 23.6 19.5 29.3
142 71.9 62.0 93.0





#37
2-Methylnaphthalene
Concen: 60.074 ng
RT: 12.310 min Scan# 1569
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

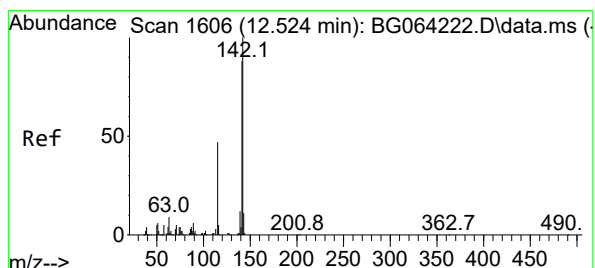
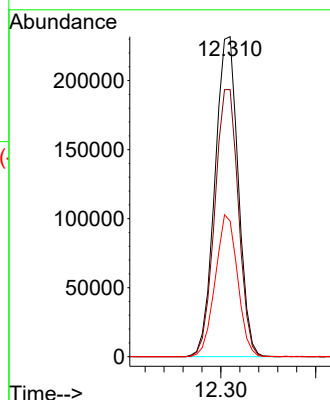
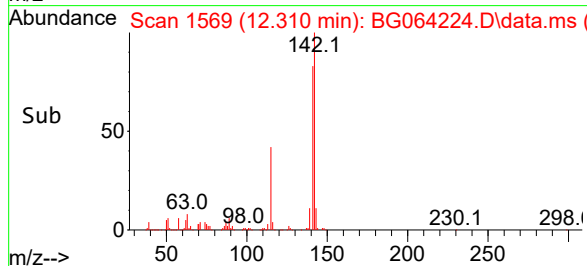
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:142 Resp: 395854
Ion Ratio Lower Upper
142 100
141 83.4 70.1 105.1
115 42.4 33.1 49.7

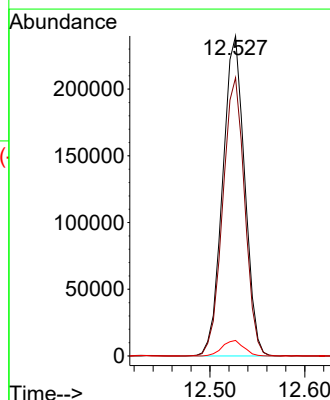
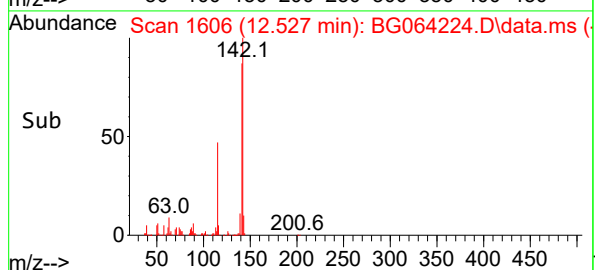
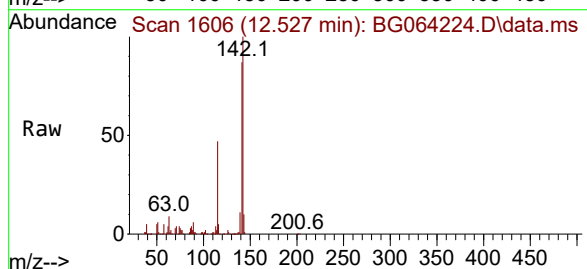
Manual Integrations
APPROVED

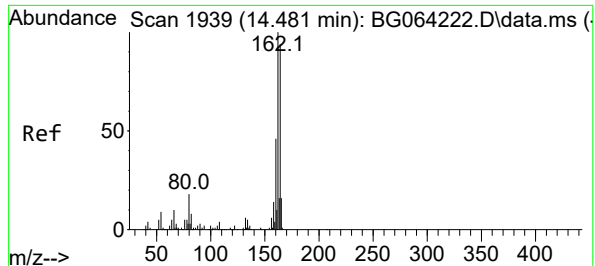
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#38
1-Methylnaphthalene
Concen: 59.349 ng
RT: 12.527 min Scan# 1606
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:142 Resp: 386279
Ion Ratio Lower Upper
142 100
141 87.0 70.3 105.5
116 4.8 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.484 min Scan# 1939

Delta R.T. 0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:164 Resp: 119119

Ion Ratio Lower Upper

164 100

162 106.7 85.4 128.0

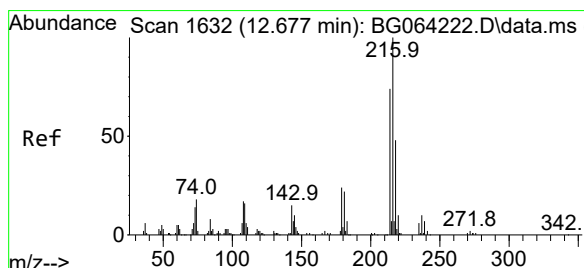
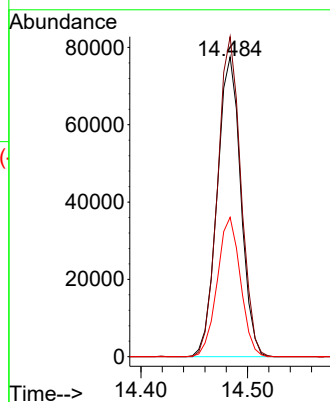
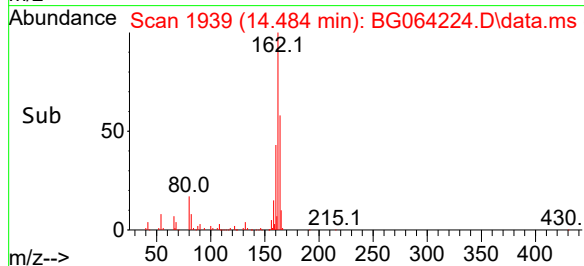
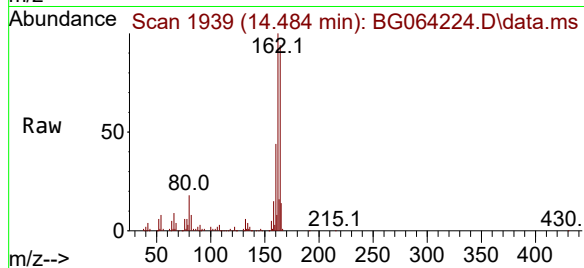
160 46.5 39.2 58.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 61.558 ng

RT: 12.674 min Scan# 1631

Delta R.T. -0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

Tgt Ion:216 Resp: 211572

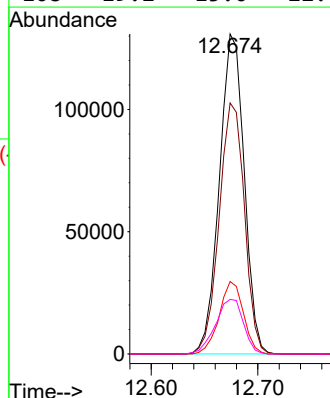
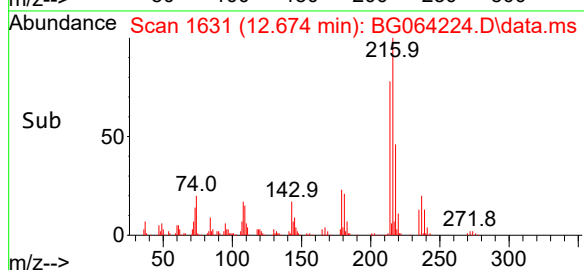
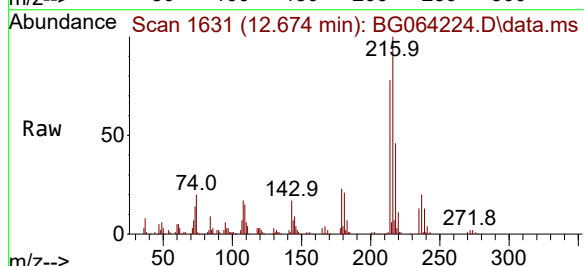
Ion Ratio Lower Upper

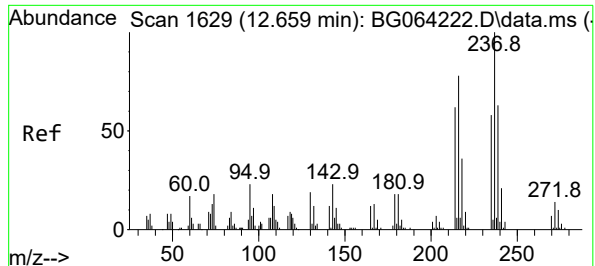
216 100

214 79.7 61.9 92.9

179 22.0 17.9 26.9

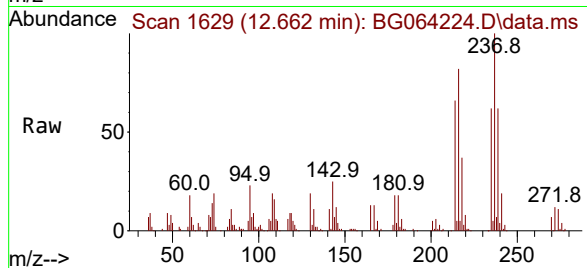
108 19.2 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 67.263 ng
RT: 12.662 min Scan# 1629
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

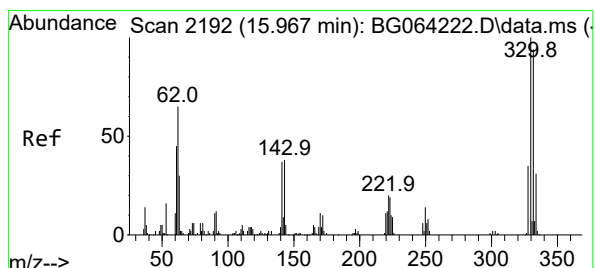
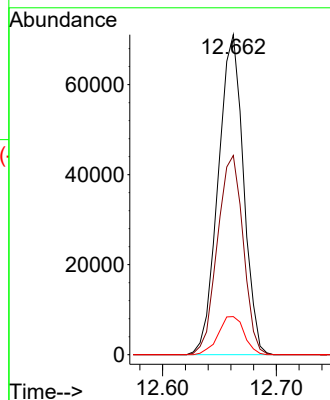
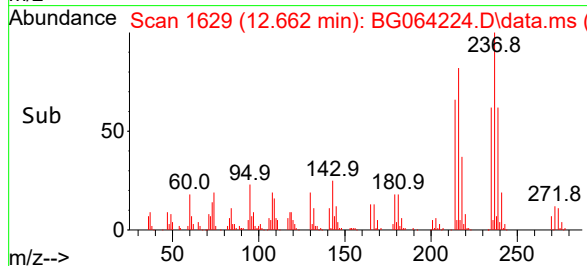
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:237 Resp: 10987
Ion Ratio Lower Upper
237 100
235 62.2 37.9 77.9
272 11.9 0.0 33.8

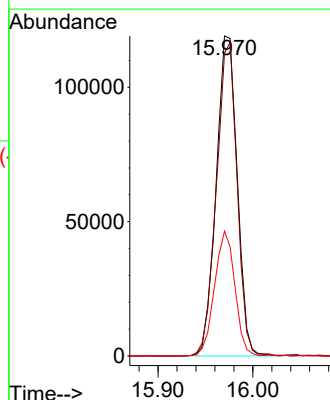
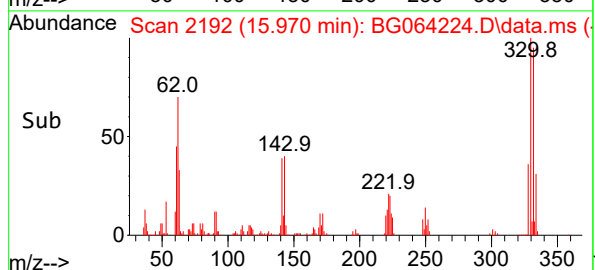
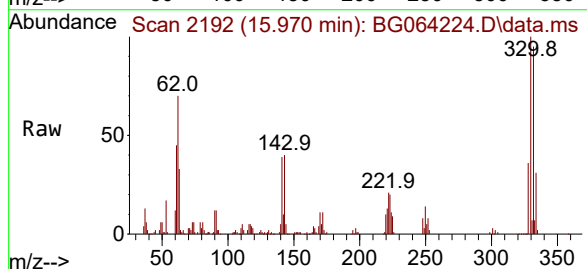
Manual Integrations
APPROVED

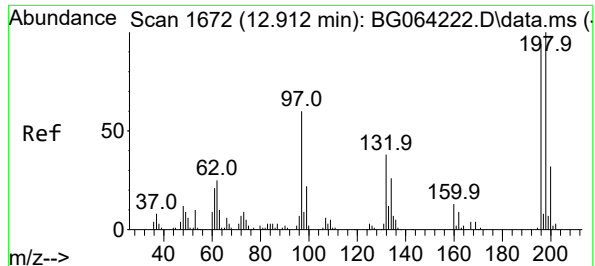
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#42
2,4,6-Tribromophenol
Concen: 116.471 ng
RT: 15.970 min Scan# 2192
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

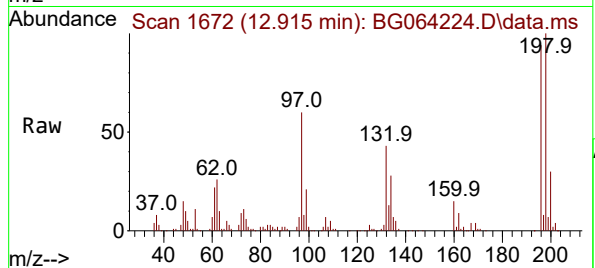
Tgt Ion:330 Resp: 183766
Ion Ratio Lower Upper
330 100
332 96.4 77.6 116.4
141 37.8 29.8 44.6





#43
2,4,6-Trichlorophenol
Concen: 62.098 ng
RT: 12.915 min Scan# 1672
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

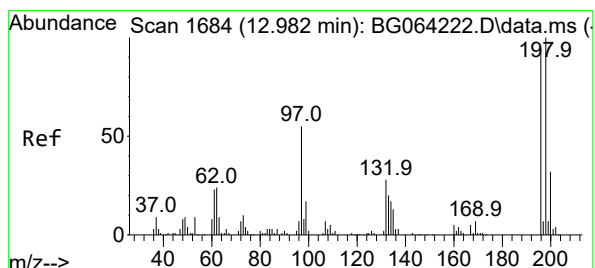
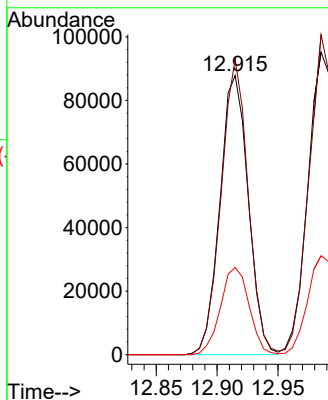
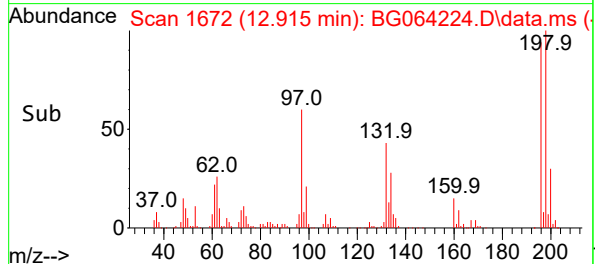
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



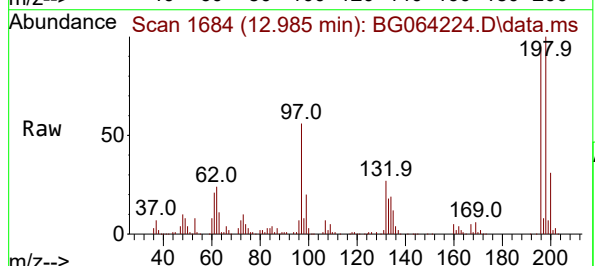
Tgt Ion:196 Resp: 14265
Ion Ratio Lower Upper
196 100
198 105.8 85.4 128.2
200 31.3 27.3 40.9

Manual Integrations
APPROVED

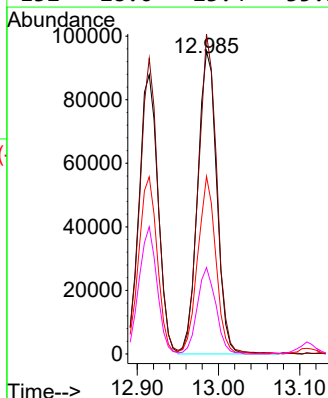
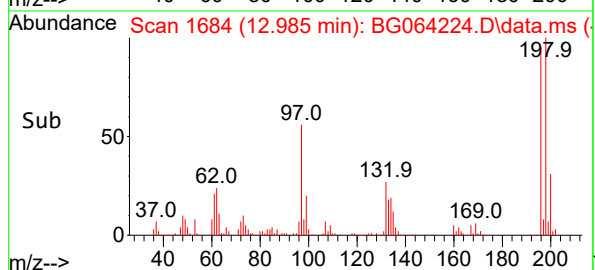
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

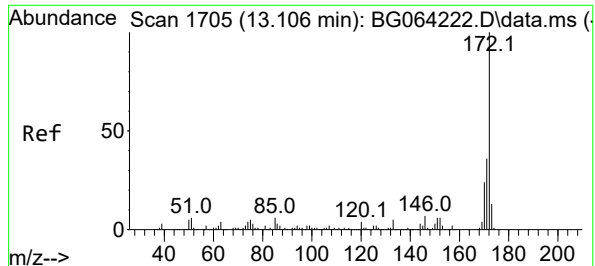


#44
2,4,5-Trichlorophenol
Concen: 62.618 ng
RT: 12.985 min Scan# 1684
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35



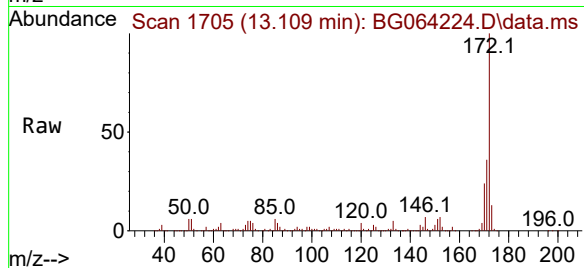
Tgt Ion:196 Resp: 156040
Ion Ratio Lower Upper
196 100
198 105.7 84.5 126.7
97 58.7 46.8 70.2
132 28.6 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 119.418 ng
RT: 13.109 min Scan# 1705
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

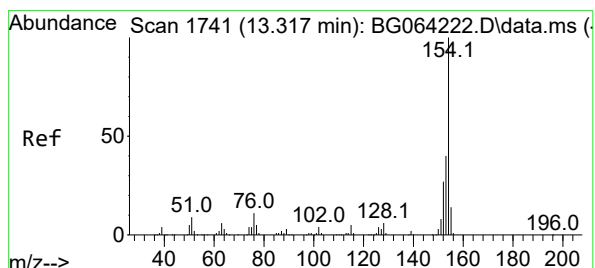
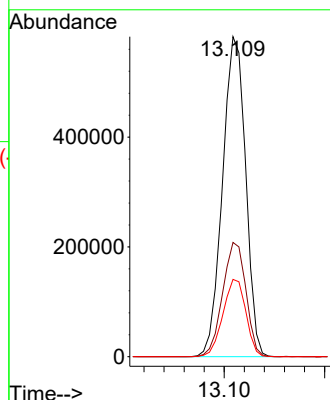
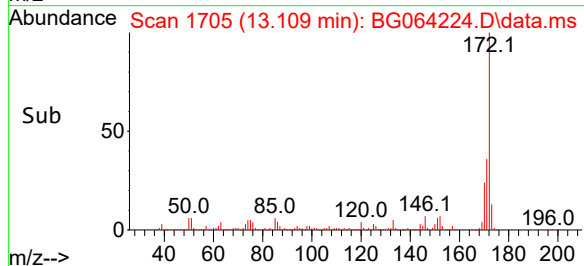
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:172 Resp: 931958
Ion Ratio Lower Upper
172 100
171 35.7 28.7 43.1
170 24.1 19.0 28.6

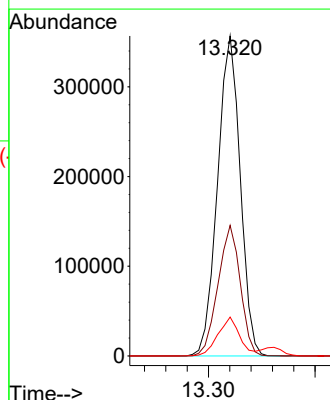
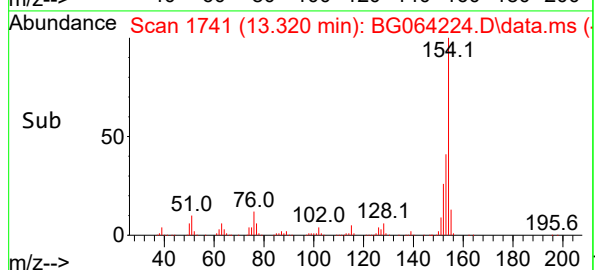
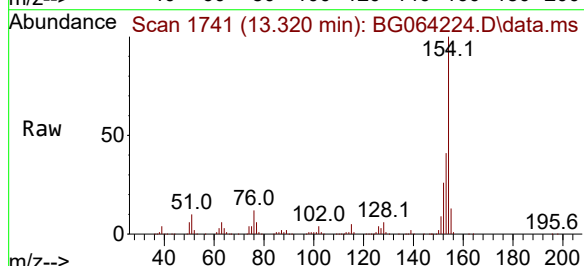
Manual Integrations
APPROVED

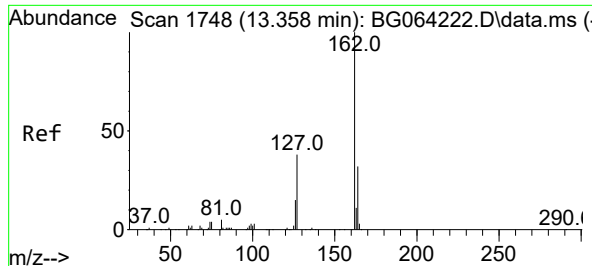
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#46
1,1'-Biphenyl
Concen: 60.603 ng
RT: 13.320 min Scan# 1741
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:154 Resp: 525792
Ion Ratio Lower Upper
154 100
153 40.8 19.9 59.9
76 12.2 0.0 30.9





#47

2-Chloronaphthalene

Concen: 61.178 ng

RT: 13.361 min Scan# 1748

Delta R.T. 0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:162 Resp: 399038

Ion Ratio Lower Upper

162 100

127 45.4 33.9 50.9

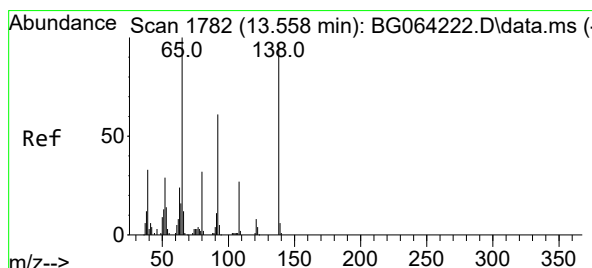
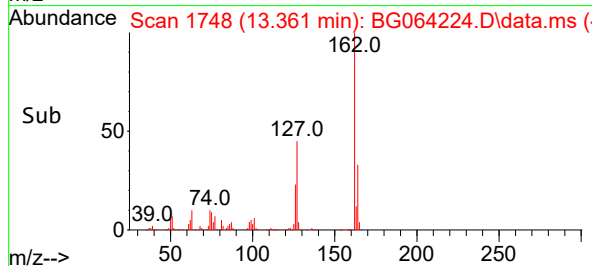
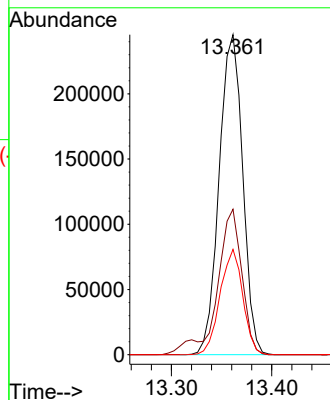
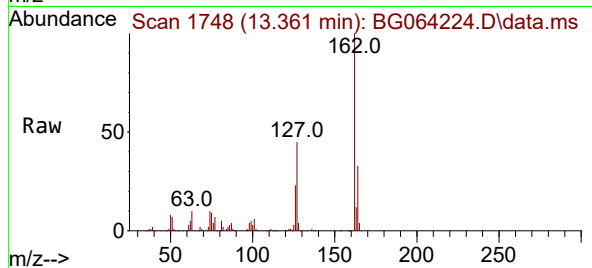
164 32.9 25.4 38.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#48

2-Nitroaniline

Concen: 65.561 ng

RT: 13.561 min Scan# 1782

Delta R.T. -0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

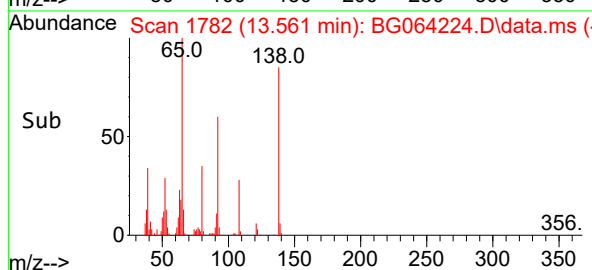
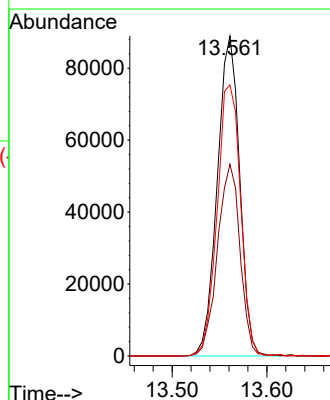
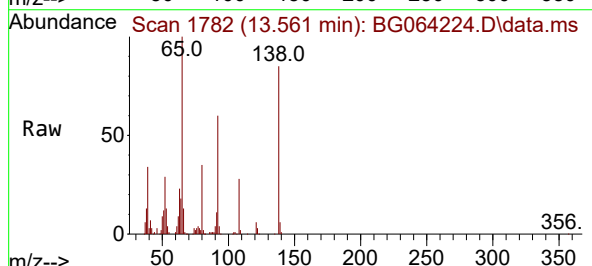
Tgt Ion: 65 Resp: 145751

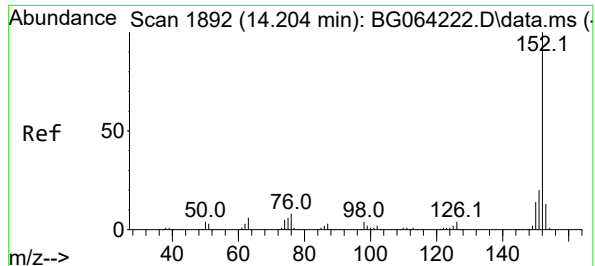
Ion Ratio Lower Upper

65 100

92 59.9 49.2 73.8

138 84.7 76.8 115.2





#49

Acenaphthylene

Concen: 59.674 ng

RT: 14.207 min Scan# 1892

Delta R.T. 0.003 min

Lab File: BG064224.D

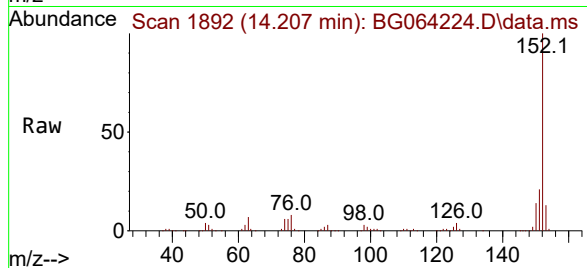
Acq: 28 Aug 2025 15:35

Instrument :

BNA_G

ClientSampleId :

SSTDICC060



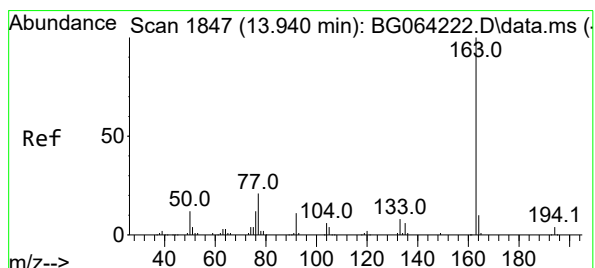
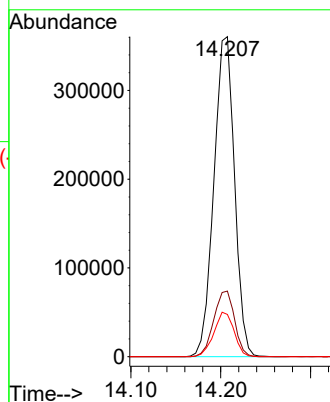
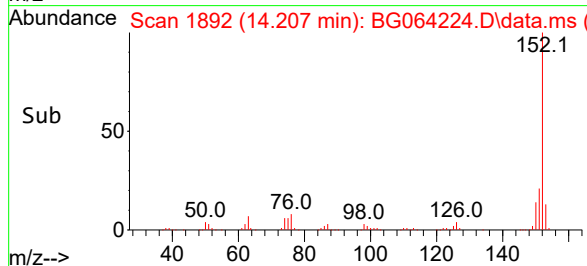
Tgt Ion:	152	Resp:	575370
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.2	24.2
153	13.2	10.1	15.1

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#50

Dimethylphthalate

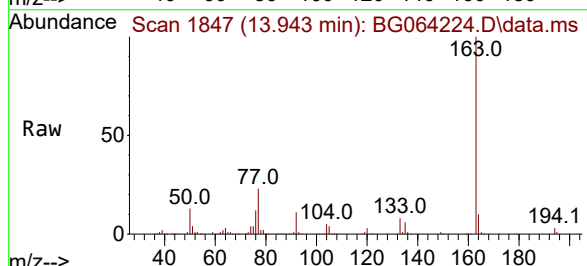
Concen: 57.300 ng

RT: 13.943 min Scan# 1847

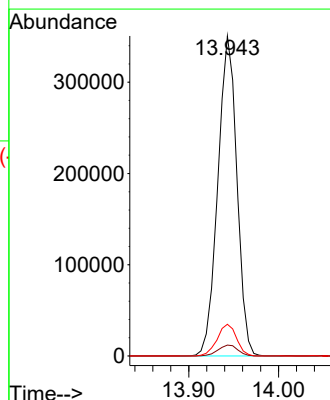
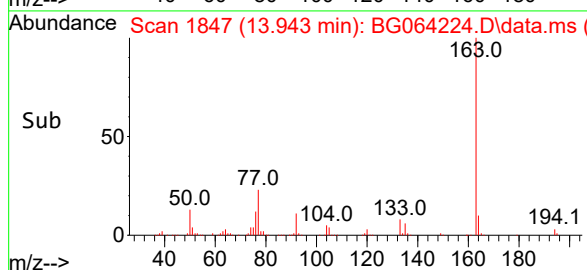
Delta R.T. -0.003 min

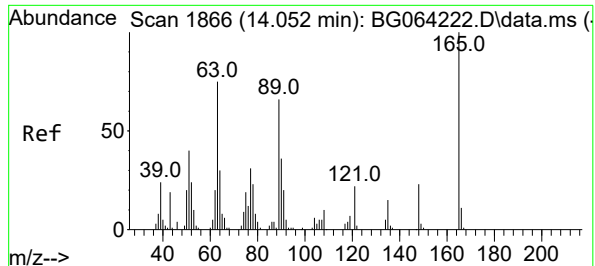
Lab File: BG064224.D

Acq: 28 Aug 2025 15:35



Tgt Ion:	163	Resp:	516639
Ion Ratio	Lower	Upper	
163	100		
194	3.4	3.0	4.4
164	9.9	7.9	11.9





#51

2,6-Dinitrotoluene

Concen: 64.535 ng

RT: 14.061 min Scan# 1866

Delta R.T. 0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:165 Resp: 11264

Ion Ratio Lower Upper

165 100

63 67.9 60.3 90.5

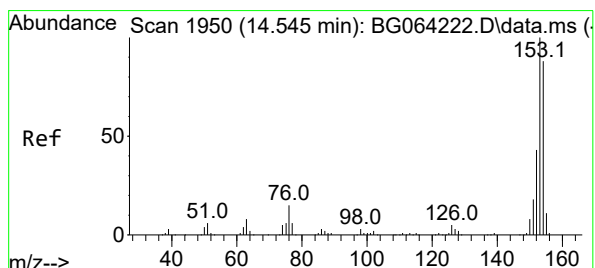
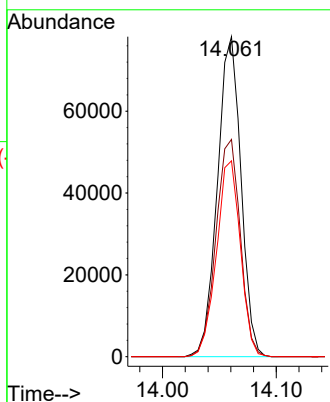
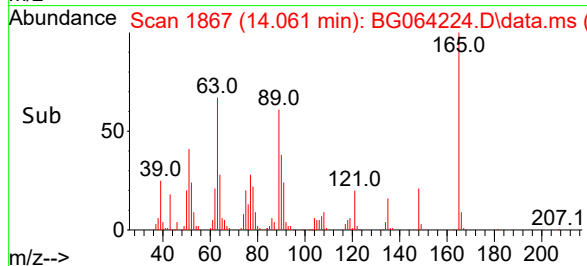
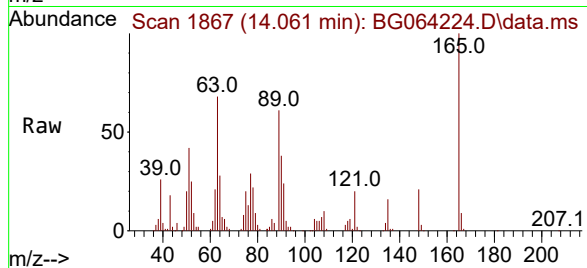
89 61.2 52.9 79.3

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#52

Acenaphthene

Concen: 59.453 ng

RT: 14.548 min Scan# 1950

Delta R.T. -0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

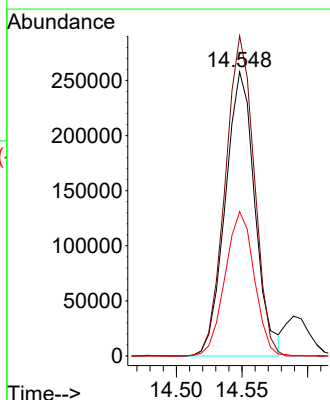
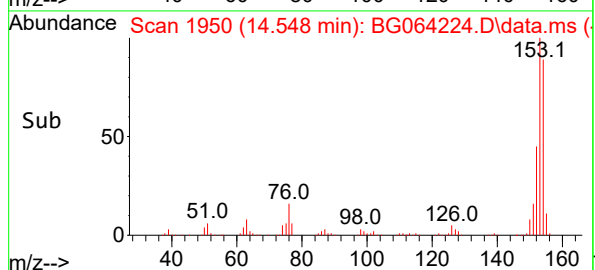
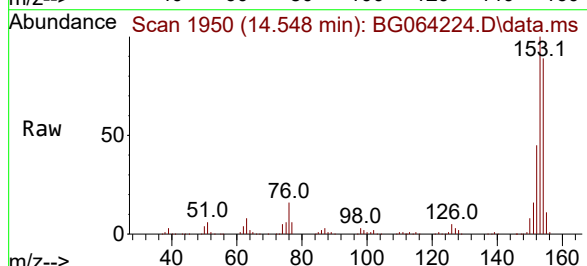
Tgt Ion:154 Resp: 404535

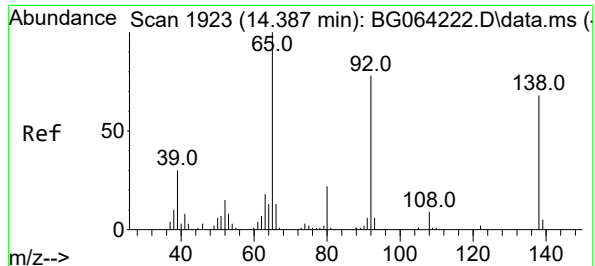
Ion Ratio Lower Upper

154 100

153 112.6 91.1 136.7

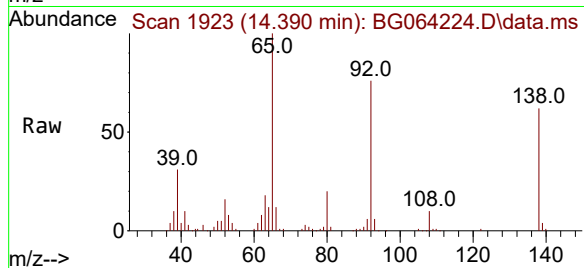
152 50.8 39.6 59.4





#53
3-Nitroaniline
Concen: 62.898 ng
RT: 14.390 min Scan# 1923
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

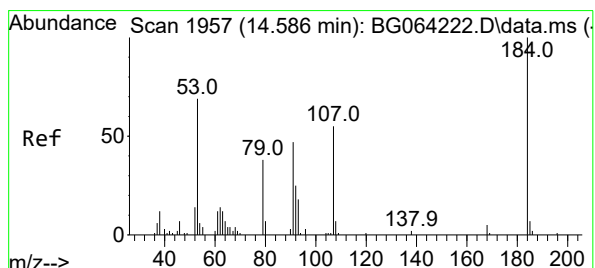
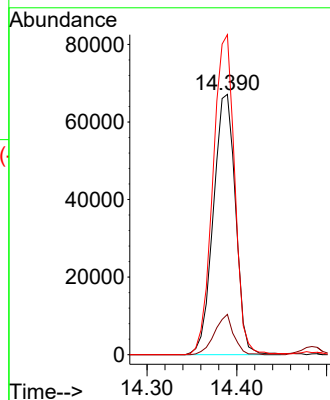
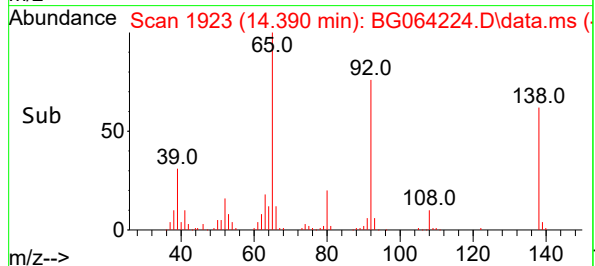
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:138 Resp: 115002
Ion Ratio Lower Upper
138 100
108 15.5 11.0 16.6
92 122.9 91.4 137.0

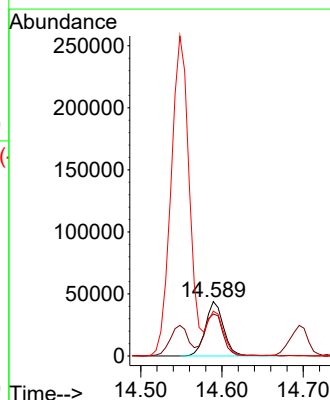
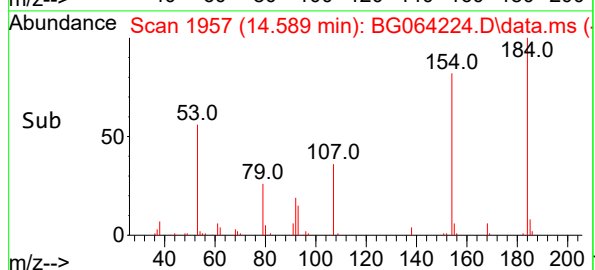
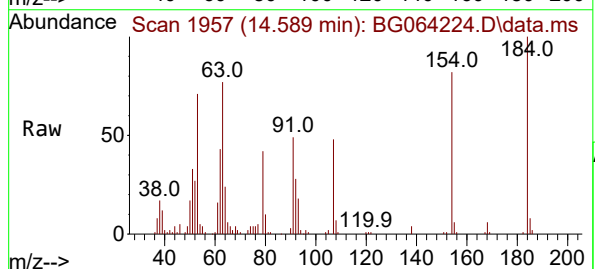
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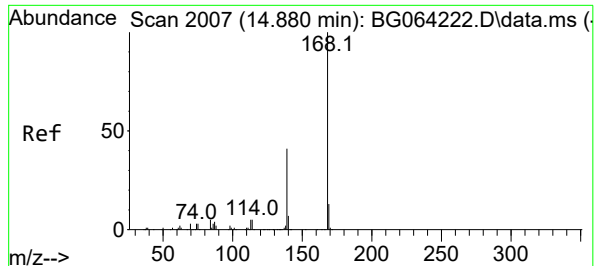
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#54
2,4-Dinitrophenol
Concen: 60.959 ng
RT: 14.589 min Scan# 1957
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

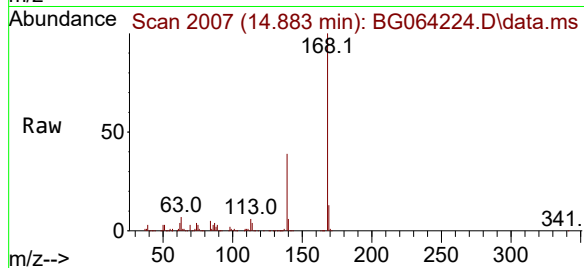
Tgt Ion:184 Resp: 67869
Ion Ratio Lower Upper
184 100
63 76.9 60.1 90.1
154 82.3 59.8 89.8





#55
Dibenzenofuran
Concen: 58.552 ng
RT: 14.883 min Scan# 2007
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

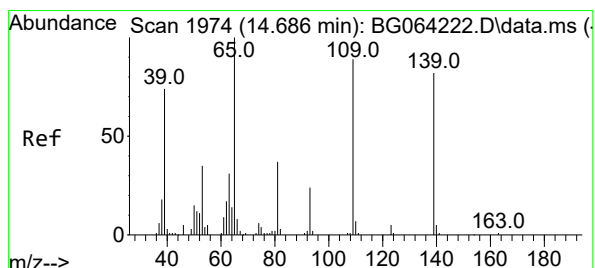
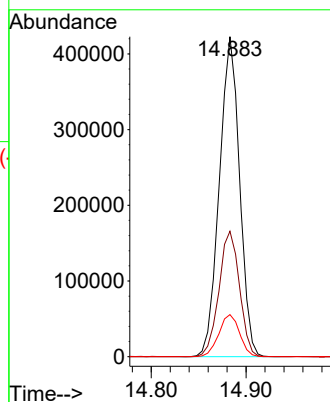
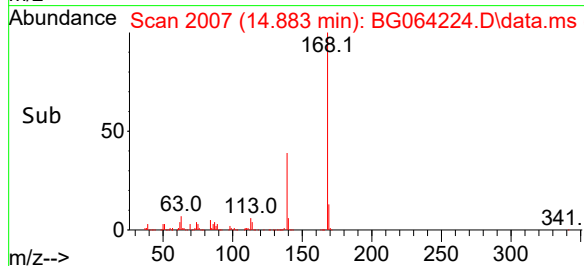
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:168 Resp: 62666
Ion Ratio Lower Upper
168 100
139 39.2 33.2 49.8
169 13.1 10.4 15.6

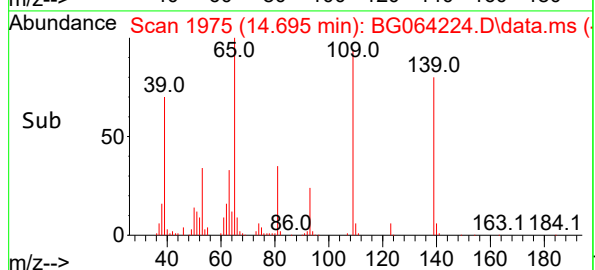
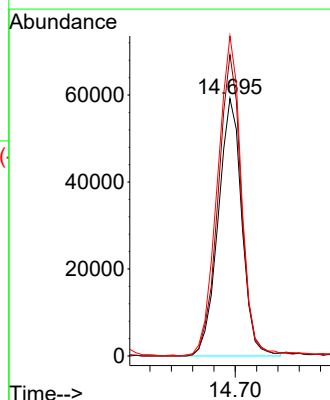
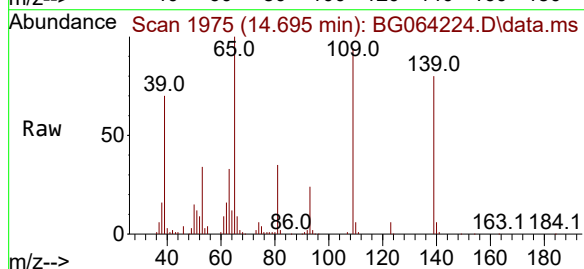
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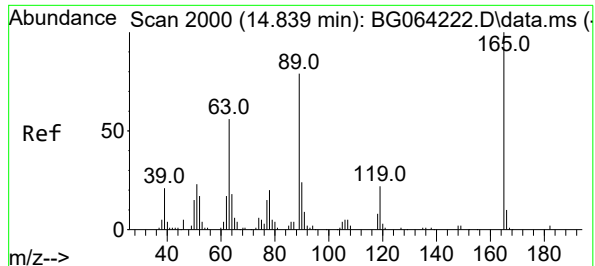
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#56
4-Nitrophenol
Concen: 60.719 ng
RT: 14.695 min Scan# 1975
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

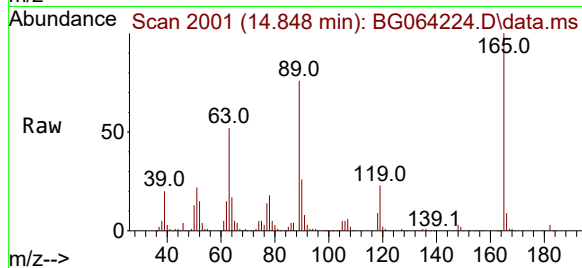
Tgt Ion:139 Resp: 91069
Ion Ratio Lower Upper
139 100
109 117.0 89.1 129.1
65 124.3 102.9 142.9





#57
2,4-Dinitrotoluene
Concen: 61.902 ng
RT: 14.848 min Scan# 2000
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

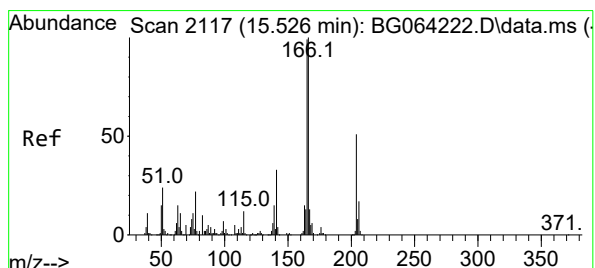
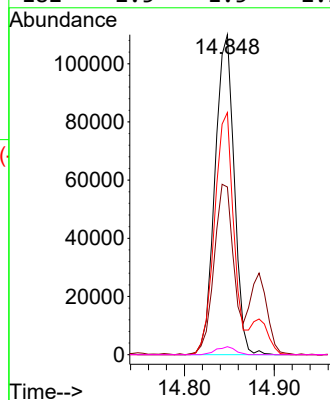
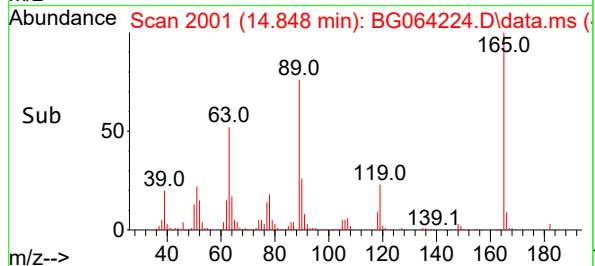
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:165 Resp: 163372
Ion Ratio Lower Upper
165 100
63 52.4 44.6 67.0
89 75.6 63.0 94.4
182 2.5 1.5 2.3#

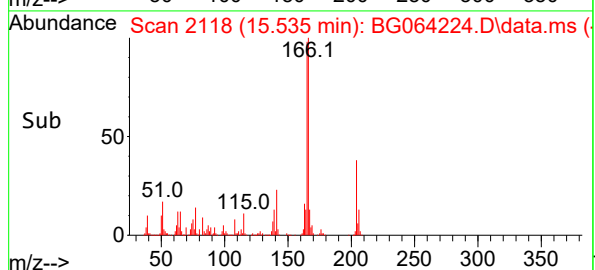
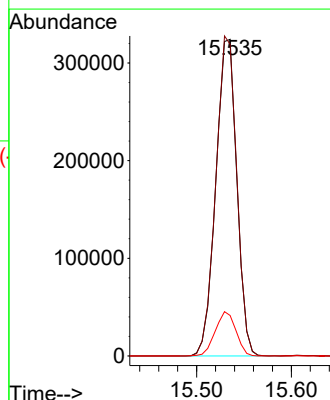
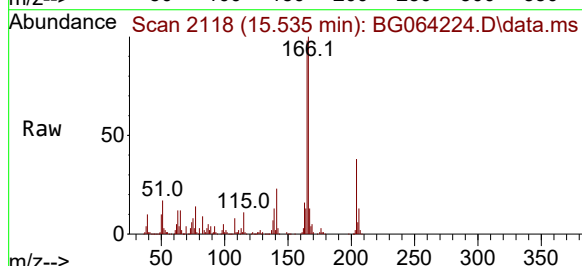
Manual Integrations
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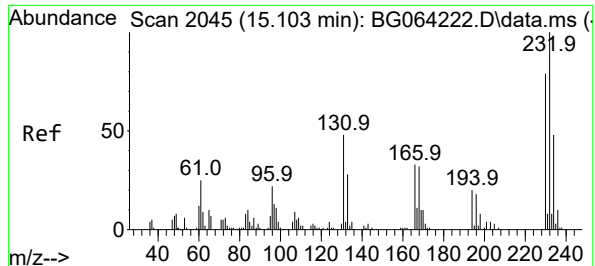
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#58
Fluorene
Concen: 56.968 ng
RT: 15.535 min Scan# 2118
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

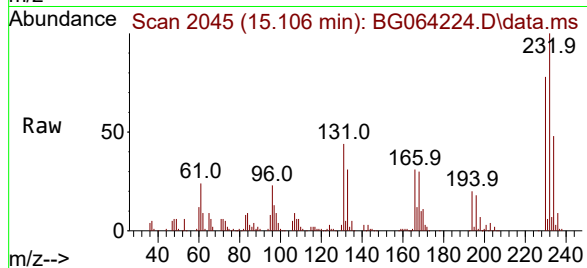
Tgt Ion:166 Resp: 499733
Ion Ratio Lower Upper
166 100
165 98.4 79.1 118.7
167 12.8 10.2 15.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 60.205 ng
RT: 15.106 min Scan# 2045
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

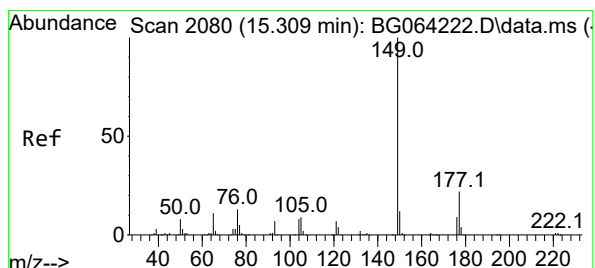
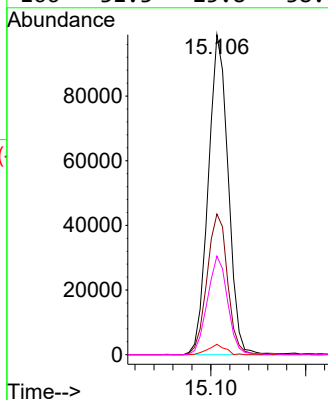
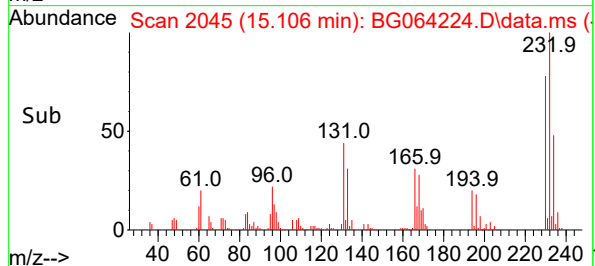
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



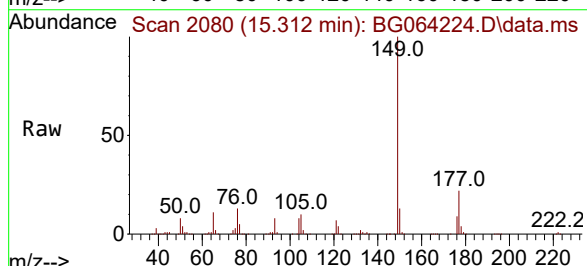
Tgt Ion:232 Resp: 14429
Ion Ratio Lower Upper
232 100
131 45.2 37.1 55.7
130 2.8 2.6 3.8
166 31.3 25.8 38.6

Manual Integrations
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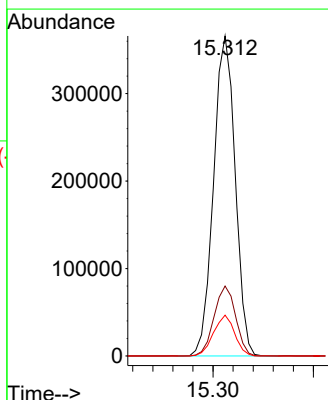
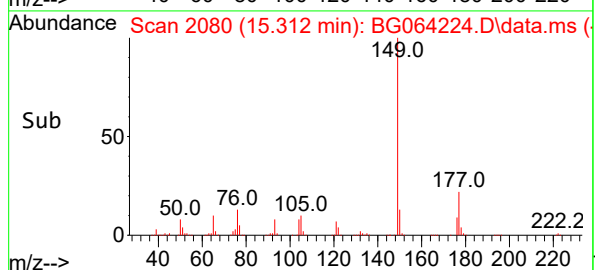
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

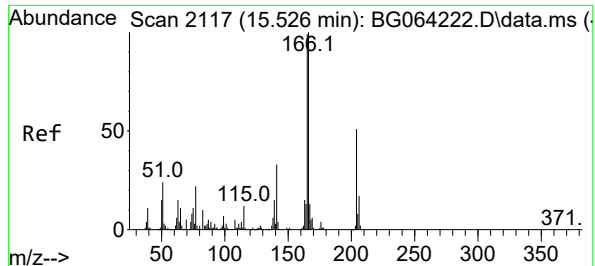


#60
Diethylphthalate
Concen: 56.652 ng
RT: 15.312 min Scan# 2080
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35



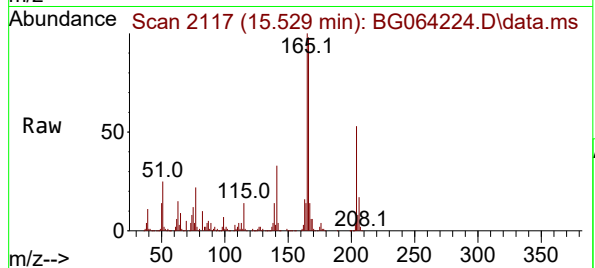
Tgt Ion:149 Resp: 546656
Ion Ratio Lower Upper
149 100
177 21.8 17.5 26.3
150 12.8 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 58.501 ng
RT: 15.529 min Scan# 2117
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

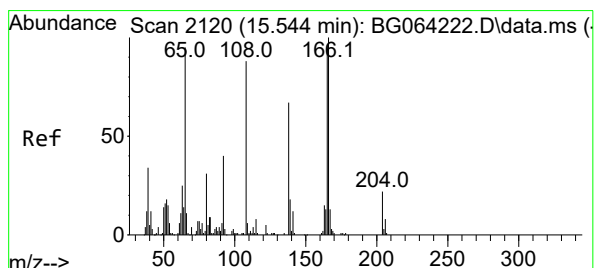
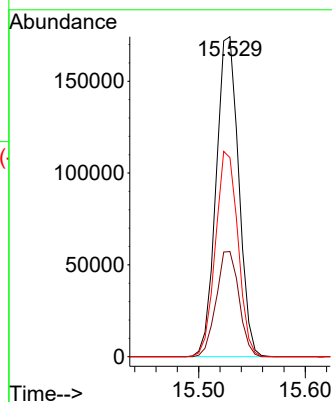
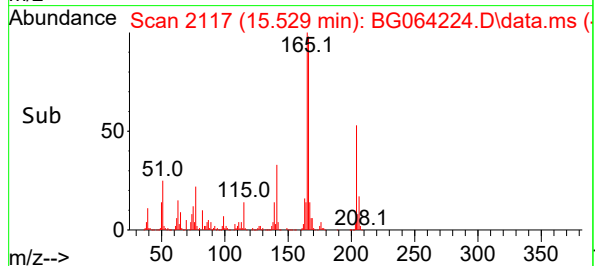
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



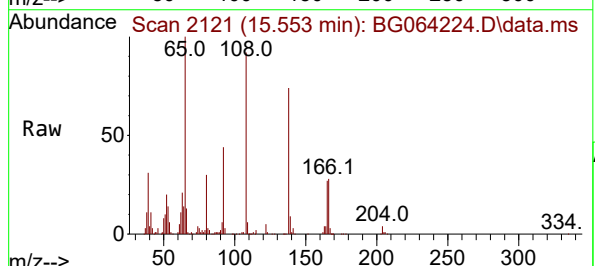
Tgt Ion:204 Resp: 25586
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.4
141 62.2 51.9 77.9

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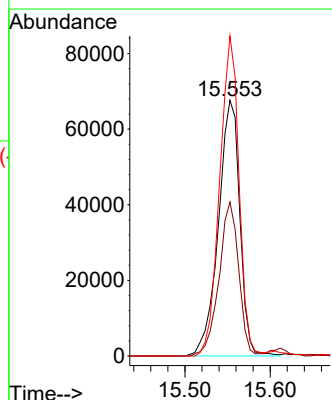
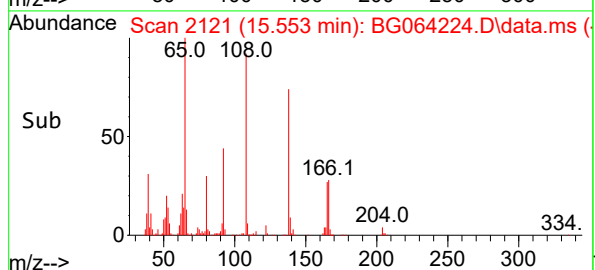
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

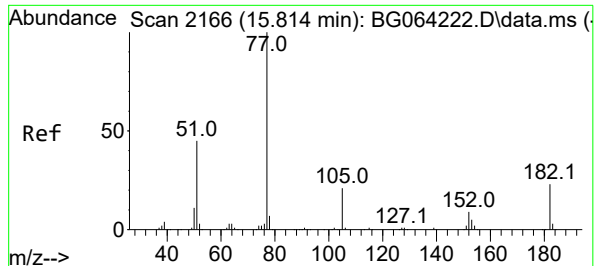


#62
4-Nitroaniline
Concen: 63.360 ng
RT: 15.553 min Scan# 2121
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35



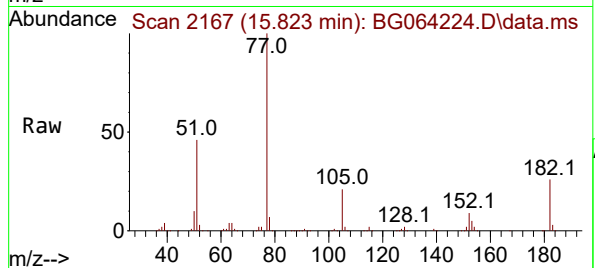
Tgt Ion:138 Resp: 118212
Ion Ratio Lower Upper
138 100
92 60.2 39.1 79.1
108 125.2 111.3 151.3





#63
Azobenzene
Concen: 57.900 ng
RT: 15.823 min Scan# 2167
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

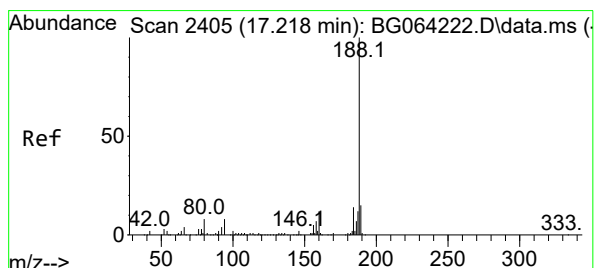
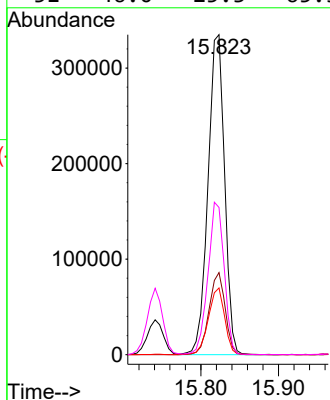
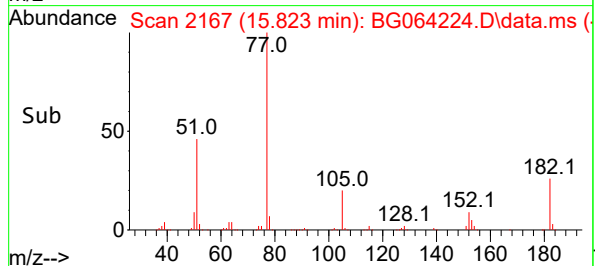
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion: 77 Resp: 497962
Ion Ratio Lower Upper
77 100
182 25.6 3.3 43.3
105 20.8 0.6 40.6
51 46.0 25.3 65.3

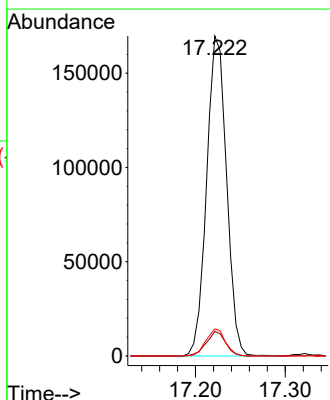
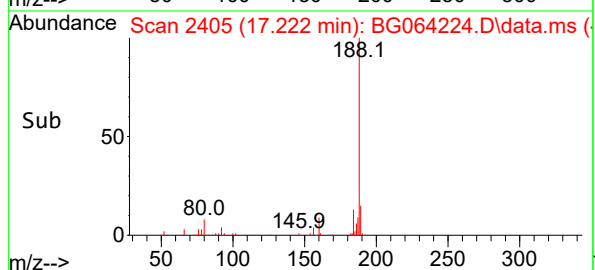
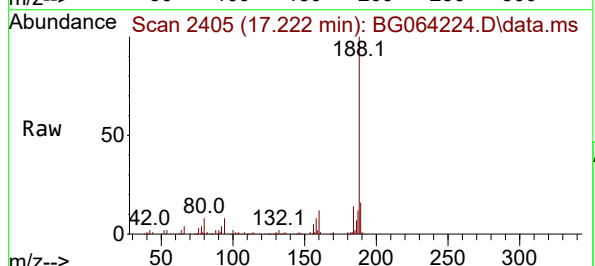
Manual Integrations
APPROVED

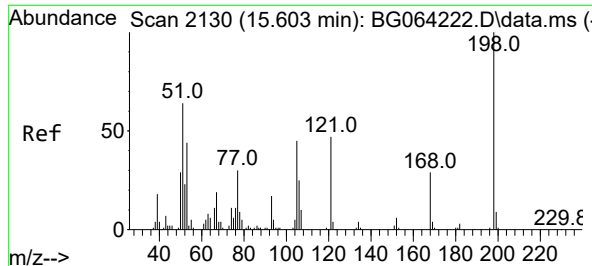
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 2405
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

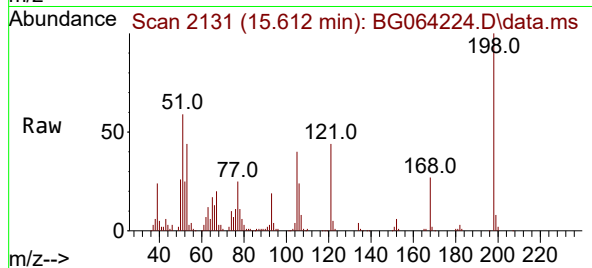
Tgt Ion:188 Resp: 261407
Ion Ratio Lower Upper
188 100
94 7.7 6.2 9.4
80 8.5 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 67.426 ng
RT: 15.612 min Scan# 2131
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

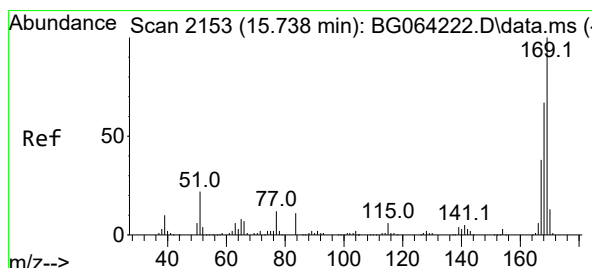
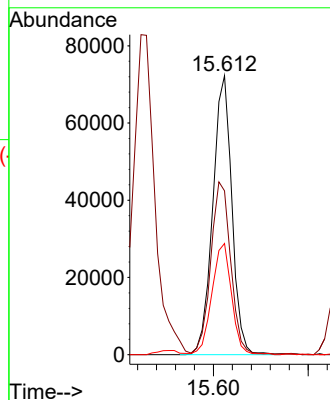
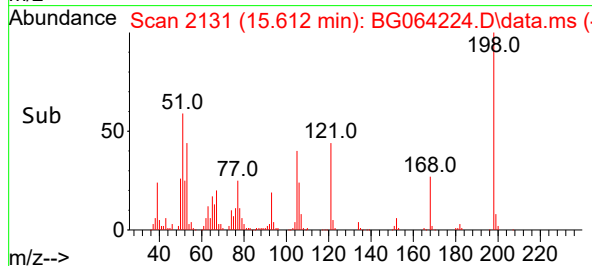
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:198 Resp: 101194
Ion Ratio Lower Upper
198 100
51 58.7 46.2 86.2
105 39.8 25.0 65.0

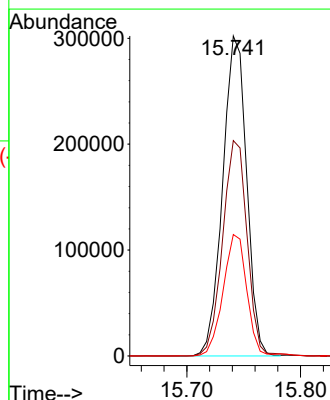
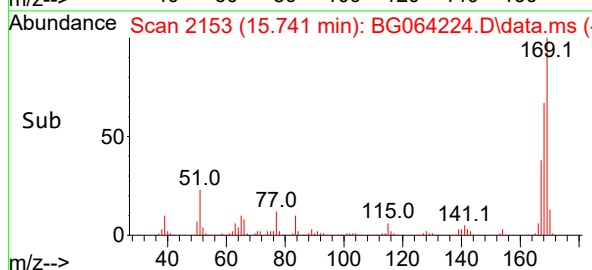
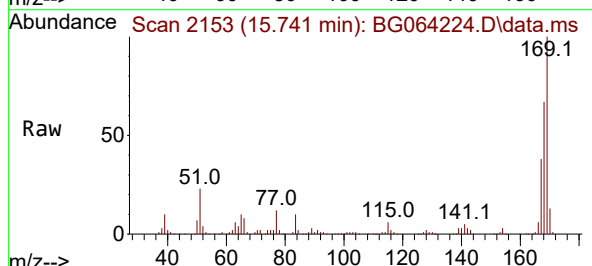
Manual Integrations
APPROVED

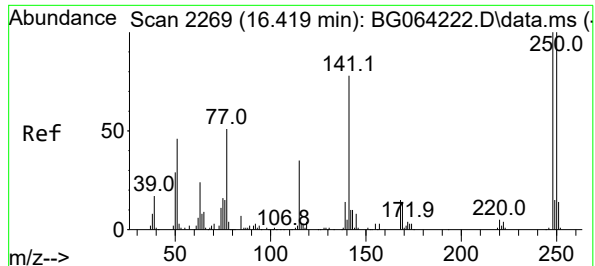
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#66
n-Nitrosodiphenylamine
Concen: 61.453 ng
RT: 15.741 min Scan# 2153
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

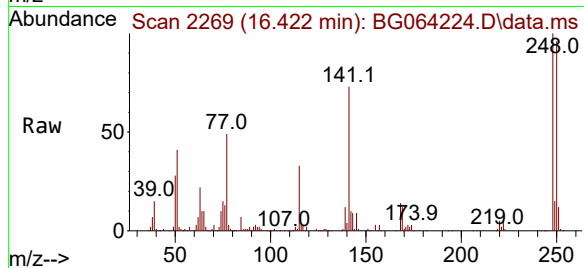
Tgt Ion:169 Resp: 441909
Ion Ratio Lower Upper
169 100
168 67.3 53.8 80.8
167 37.9 30.2 45.2





#67
4-Bromophenyl-phenylether
Concen: 61.720 ng
RT: 16.422 min Scan# 2169
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

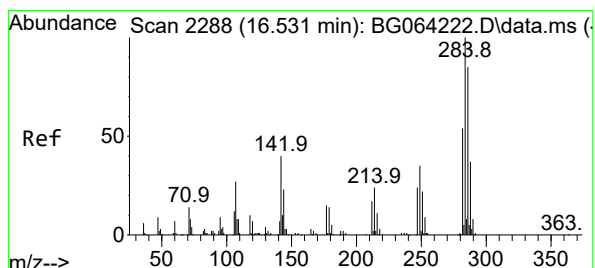
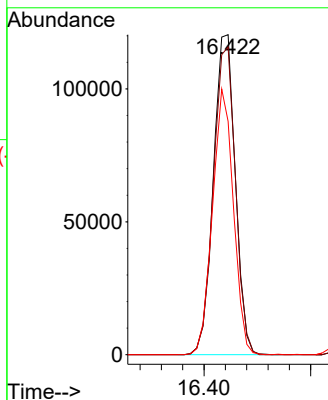
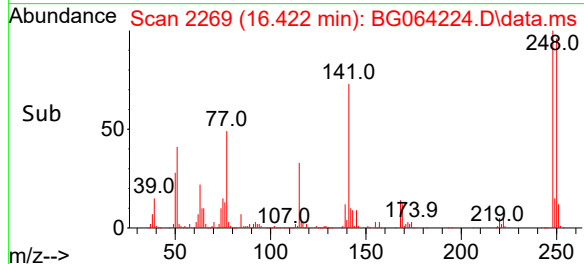
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:248 Resp: 171364
Ion Ratio Lower Upper
248 100
250 96.1 80.2 120.4
141 72.9 62.4 93.6

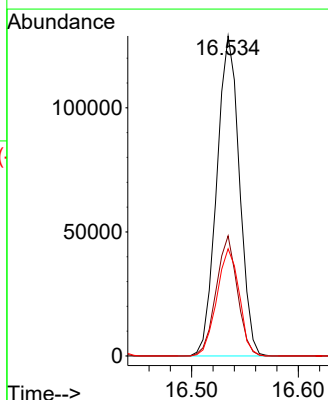
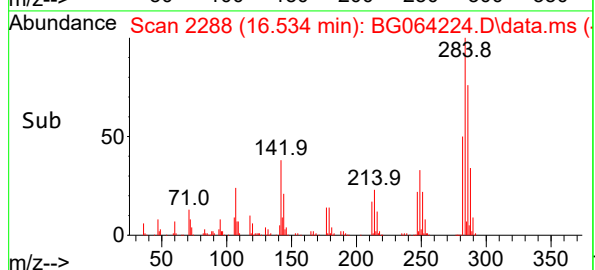
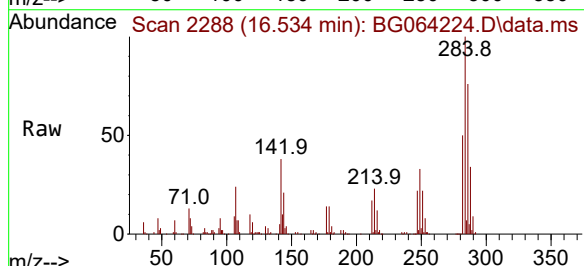
Manual Integrations
APPROVED

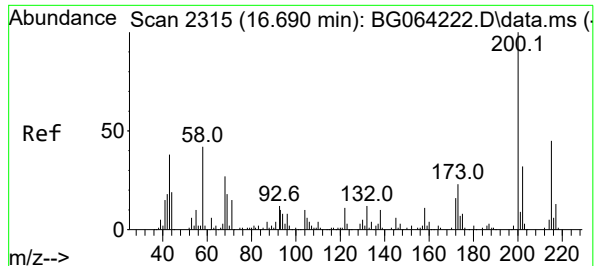
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#68
Hexachlorobenzene
Concen: 61.691 ng
RT: 16.534 min Scan# 2288
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:284 Resp: 190207
Ion Ratio Lower Upper
284 100
142 37.6 32.1 48.1
249 33.5 28.3 42.5





#69

Atrazine

Concen: 58.617 ng

RT: 16.693 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:200 Resp: 17600

Ion Ratio Lower Upper

200 100

173 24.2 3.5 43.5

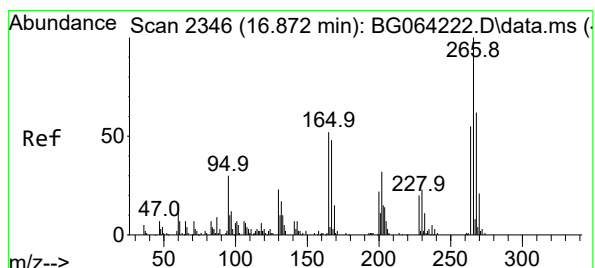
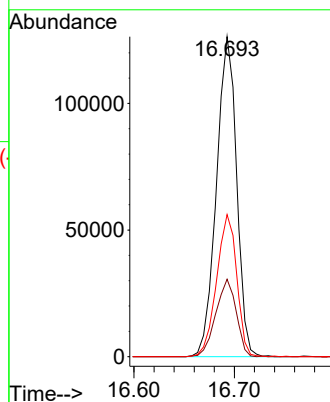
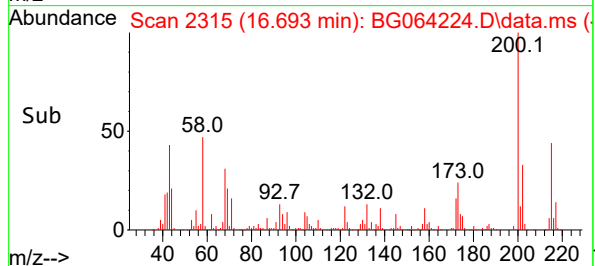
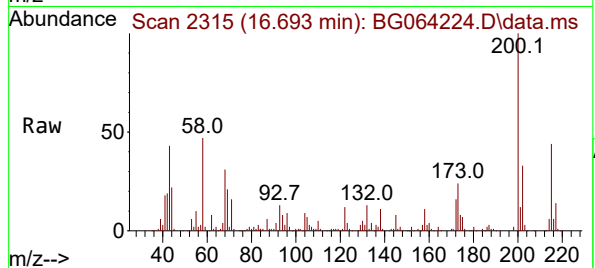
215 44.4 24.8 64.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#70

Pentachlorophenol

Concen: 65.608 ng

RT: 16.875 min Scan# 2346

Delta R.T. -0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

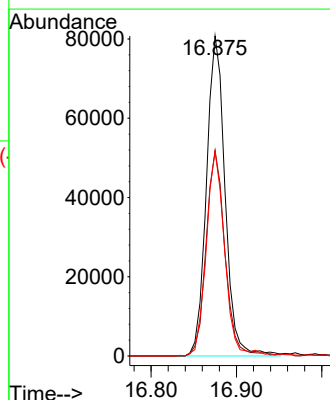
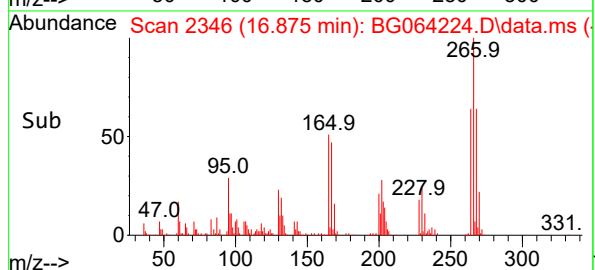
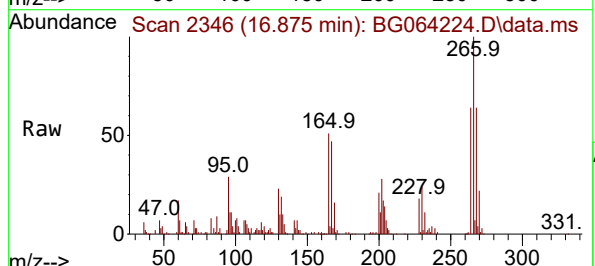
Tgt Ion:266 Resp: 122654

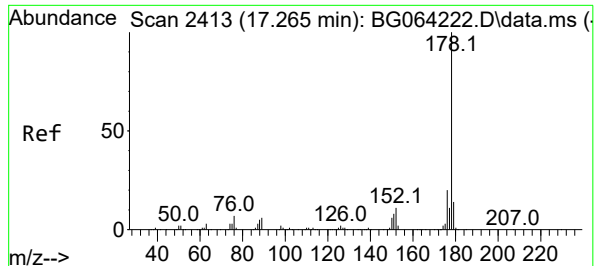
Ion Ratio Lower Upper

266 100

268 64.1 49.4 74.0

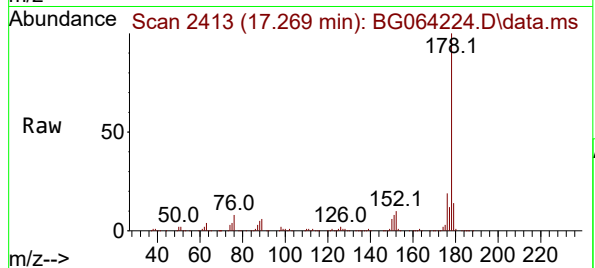
264 64.0 44.3 66.5





#71
Phenanthrene
Concen: 59.216 ng
RT: 17.269 min Scan# 2413
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

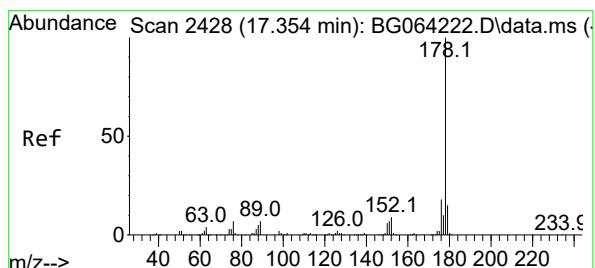
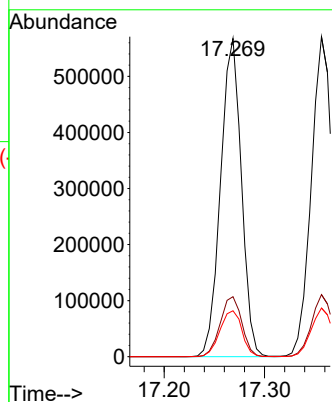
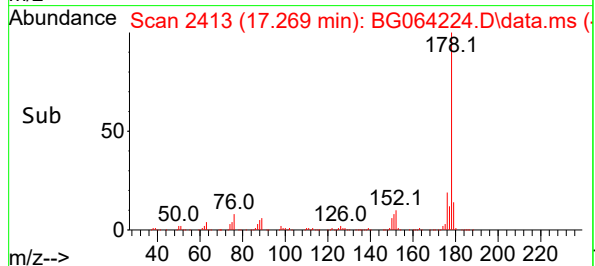
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:178 Resp: 816430
Ion Ratio Lower Upper
178 100
176 18.9 15.9 23.9
179 14.5 11.4 17.2

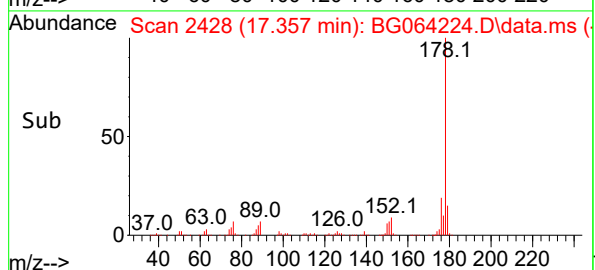
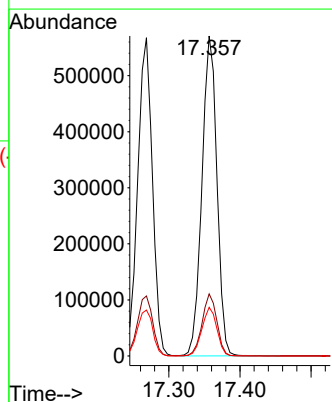
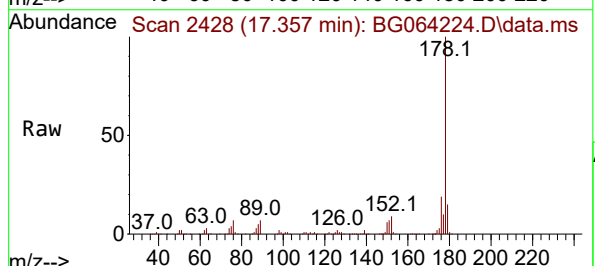
Manual Integrations
APPROVED

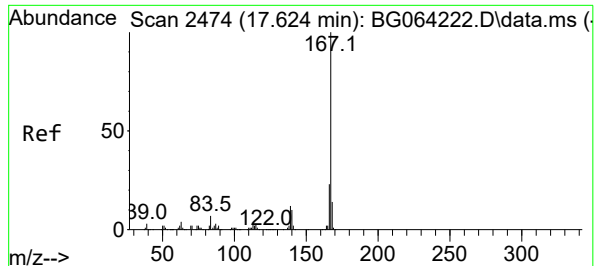
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#72
Anthracene
Concen: 59.810 ng
RT: 17.357 min Scan# 2428
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

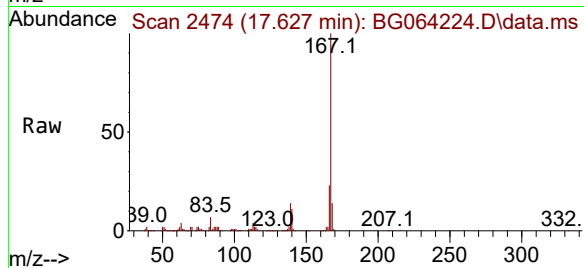
Tgt Ion:178 Resp: 838831
Ion Ratio Lower Upper
178 100
176 19.4 14.7 22.1
179 15.2 12.1 18.1





#73
Carbazole
Concen: 59.340 ng
RT: 17.627 min Scan# 2474
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

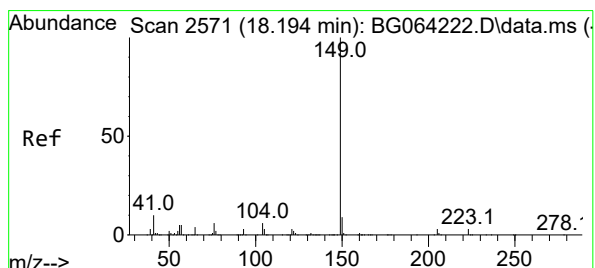
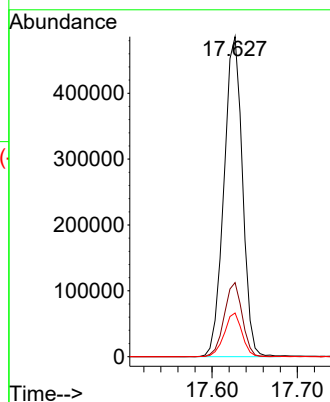
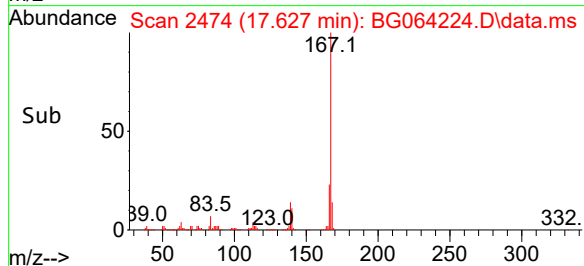
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



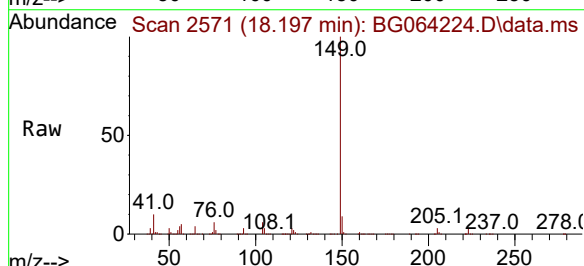
Tgt Ion:167 Resp: 733140
Ion Ratio Lower Upper
167 100
166 23.2 18.2 27.2
139 13.7 9.8 14.6

Manual Integrations
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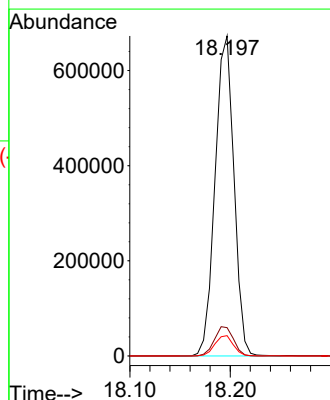
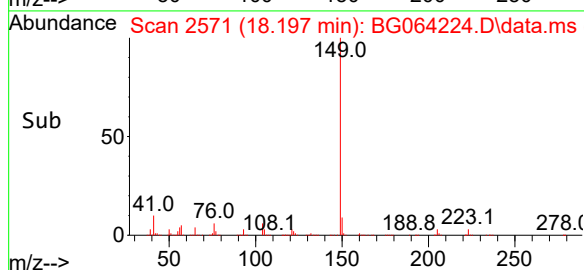
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

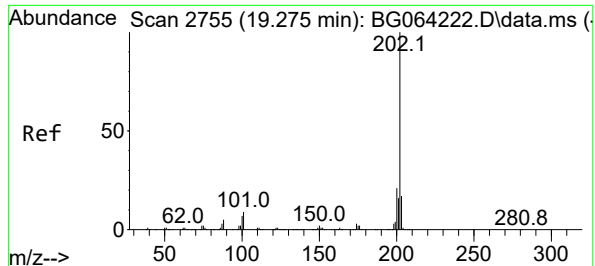


#74
Di-n-butylphthalate
Concen: 59.097 ng
RT: 18.197 min Scan# 2571
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35



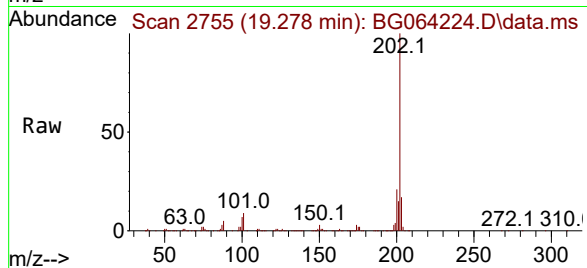
Tgt Ion:149 Resp: 877217
Ion Ratio Lower Upper
149 100
150 8.8 7.5 11.3
104 6.4 4.6 7.0





#75
Fluoranthene
Concen: 58.419 ng
RT: 19.278 min Scan# 2755
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

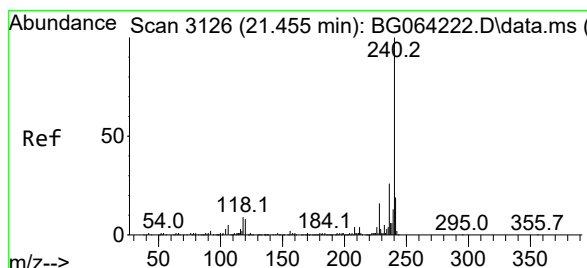
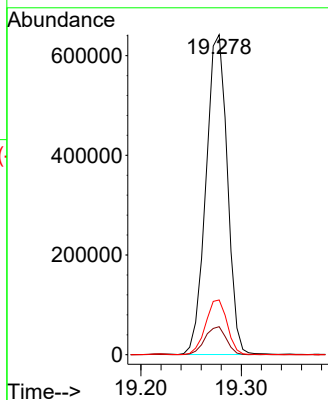
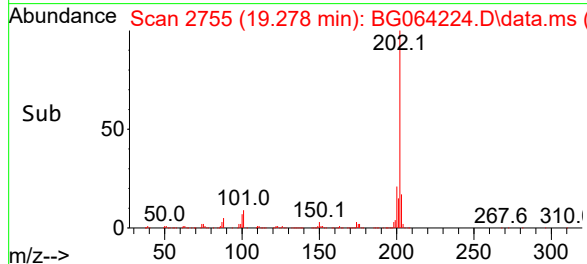
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



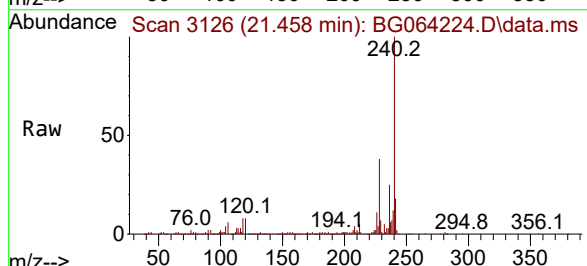
Tgt Ion:202 Resp: 94705
Ion Ratio Lower Upper
202 100
101 8.8 0.0 28.7
203 17.1 0.0 36.9

Manual Integrations
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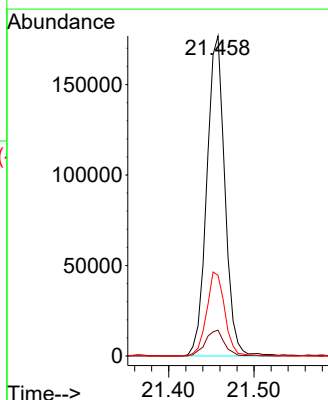
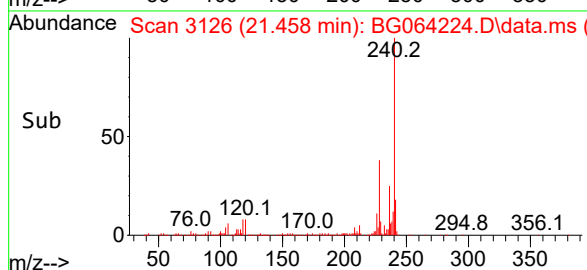
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

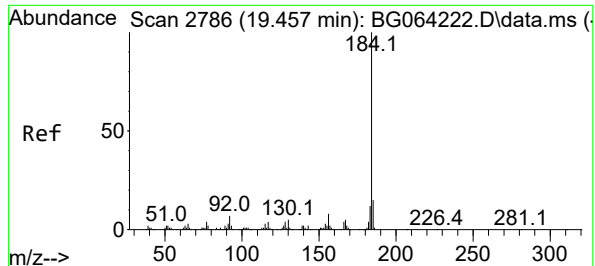


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.458 min Scan# 3126
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35



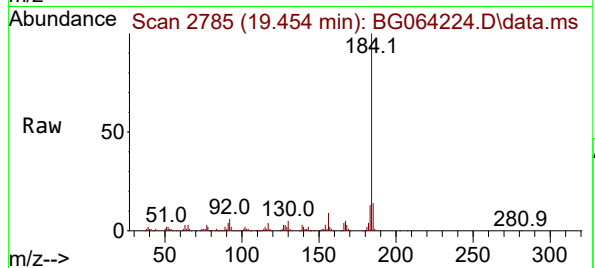
Tgt Ion:240 Resp: 260140
Ion Ratio Lower Upper
240 100
120 8.1 6.2 9.4
236 25.2 20.5 30.7





#77
Benzidine
Concen: 50.842 ng
RT: 19.454 min Scan# 2785
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

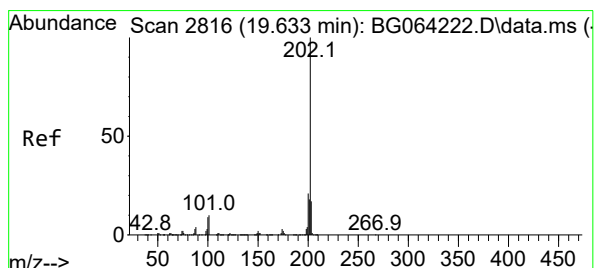
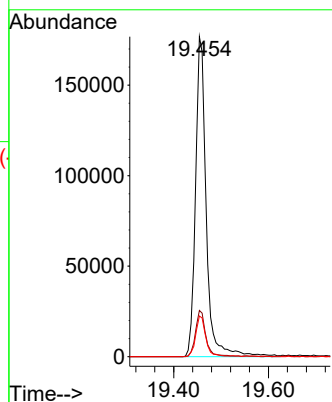
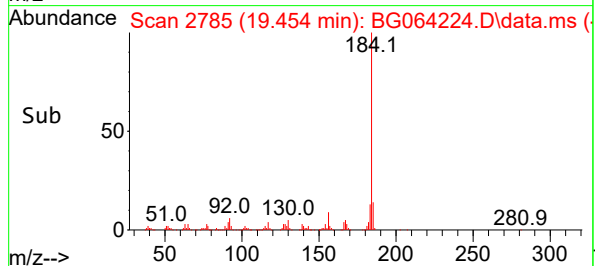
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:184 Resp: 278230
Ion Ratio Lower Upper
184 100
185 14.5 11.7 17.5
183 12.7 9.7 14.5

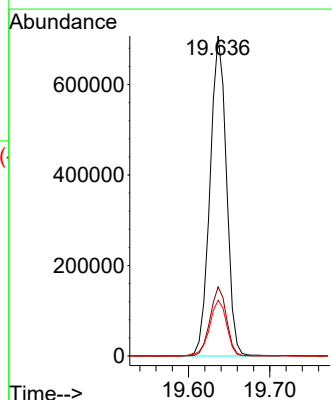
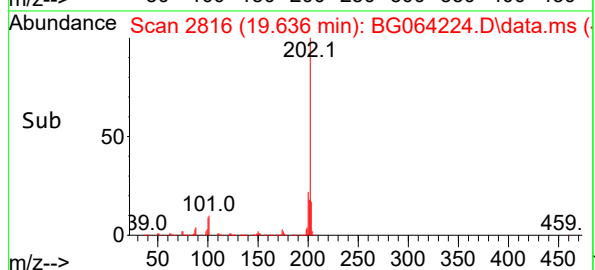
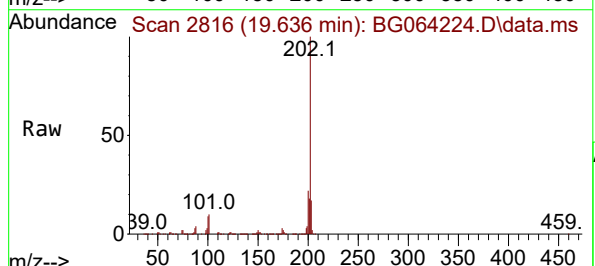
Manual Integrations
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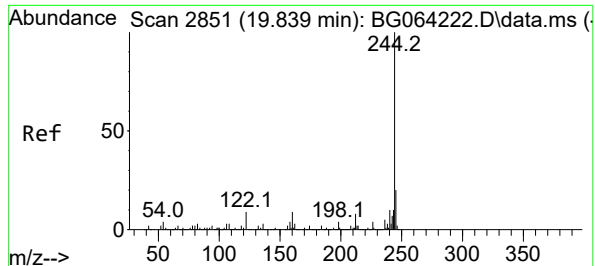
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#78
Pyrene
Concen: 60.435 ng
RT: 19.636 min Scan# 2816
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:202 Resp: 990486
Ion Ratio Lower Upper
202 100
200 21.6 16.9 25.3
203 17.4 13.8 20.8





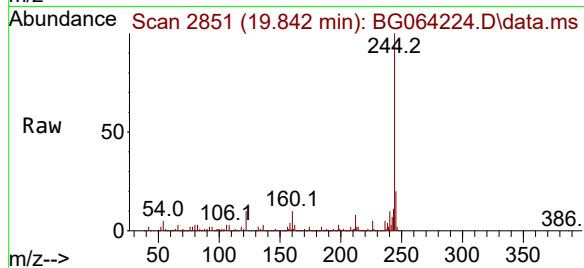
#79
Terphenyl-d14
Concen: 117.481 ng
RT: 19.842 min Scan# 2851
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

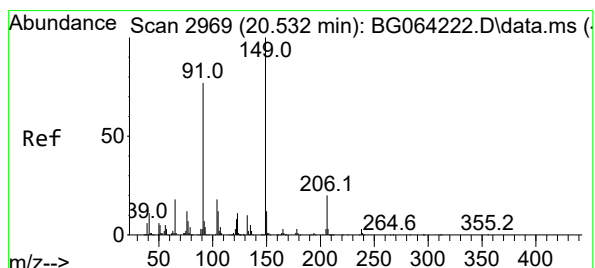
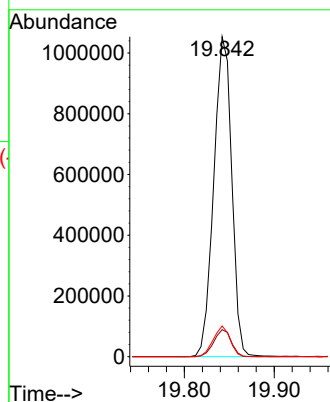
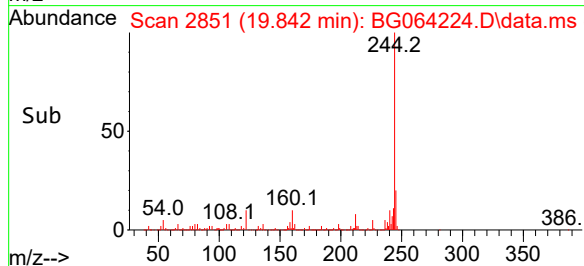


Tgt Ion:244 Resp: 1464829
Ion Ratio Lower Upper
244 100
212 8.5 6.6 10.0
122 9.6 7.0 10.6

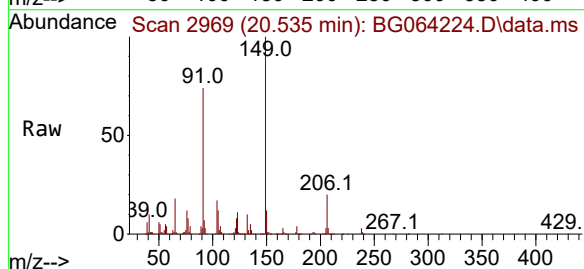
Manual Integrations

APPROVED

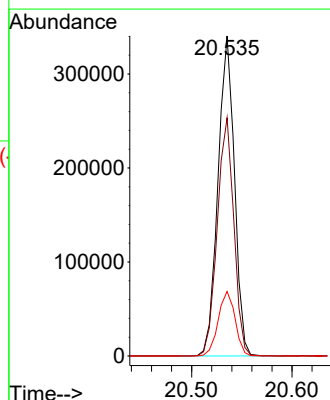
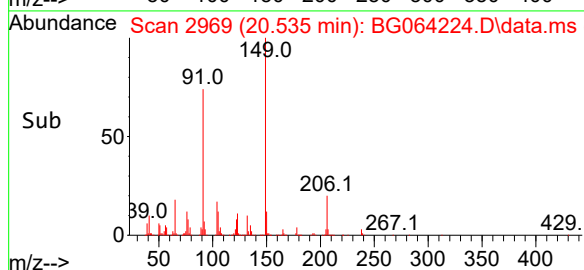
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

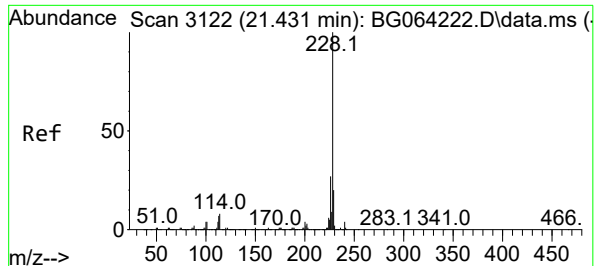


#80
Butylbenzylphthalate
Concen: 62.586 ng
RT: 20.535 min Scan# 2969
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35



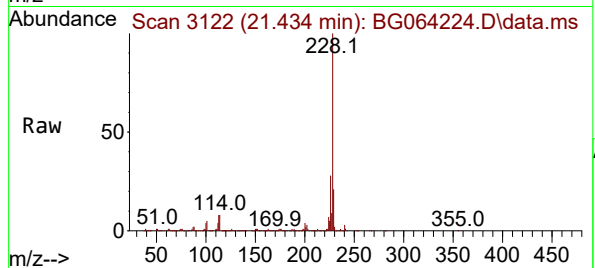
Tgt Ion:149 Resp: 386881
Ion Ratio Lower Upper
149 100
91 74.4 61.4 92.0
206 20.2 15.8 23.6





#81
Benzo(a)anthracene
Concen: 60.738 ng
RT: 21.434 min Scan# 3122
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

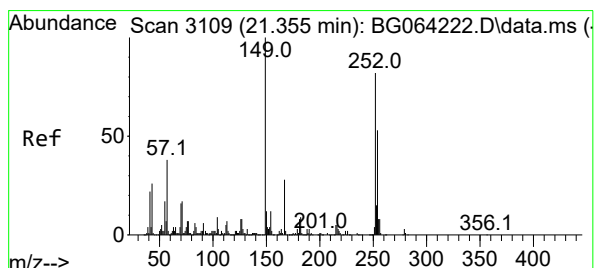
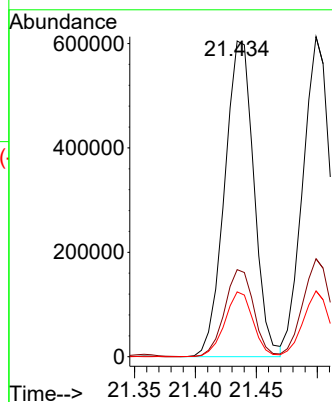
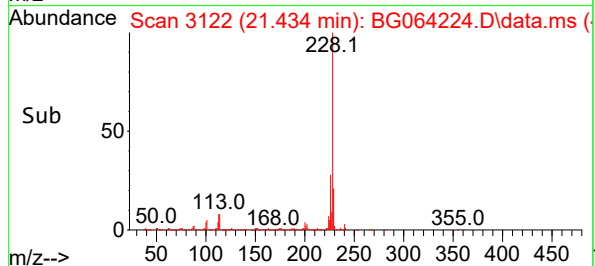
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:228 Resp: 101084
Ion Ratio Lower Upper
228 100
226 27.6 21.7 32.5
229 20.5 15.9 23.9

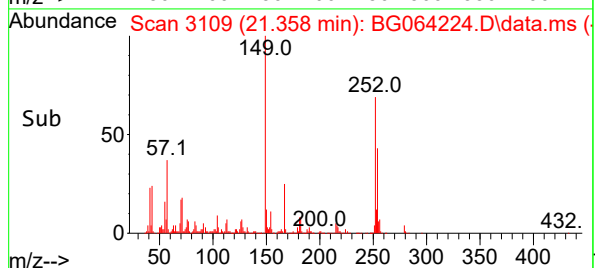
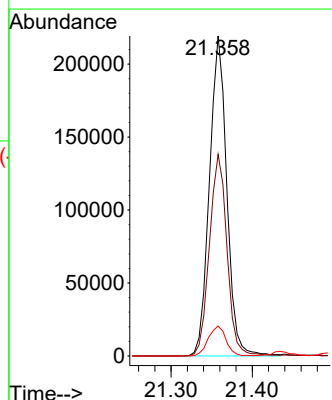
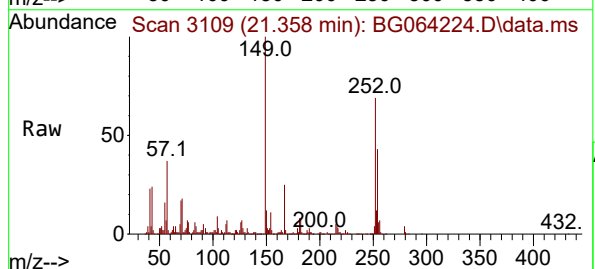
Manual Integrations
APPROVED

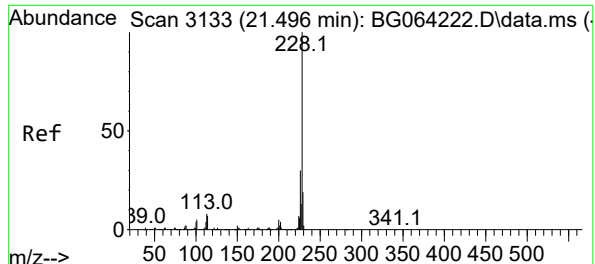
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#82
3,3'-Dichlorobenzidine
Concen: 59.926 ng
RT: 21.358 min Scan# 3109
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:252 Resp: 324809
Ion Ratio Lower Upper
252 100
254 63.0 51.9 77.9
126 9.4 7.6 11.4





#83

Chrysene

Concen: 59.998 ng

RT: 21.499 min Scan# 3110

Delta R.T. -0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

Instrument :

BNA_G

ClientSampleId :

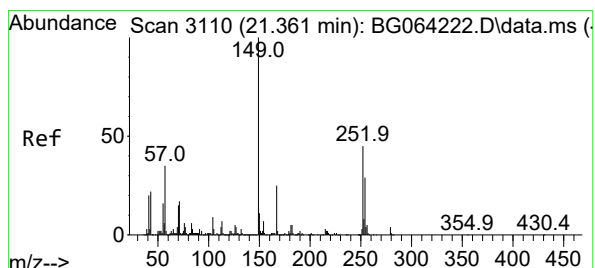
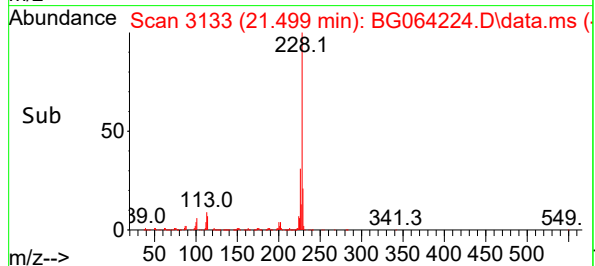
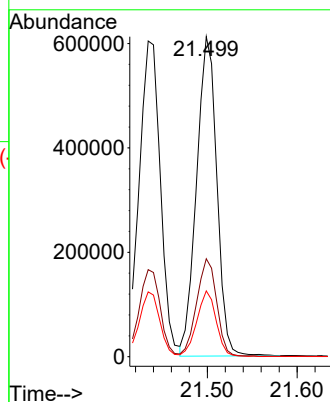
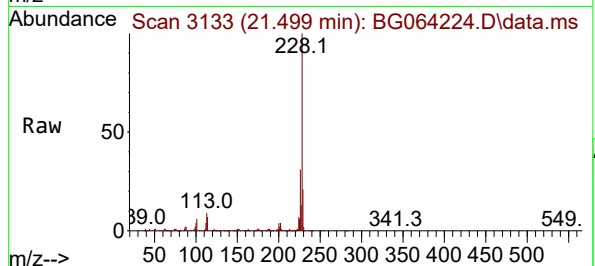
SSTDICC060

Tgt Ion:228 Resp: 958620
Ion Ratio Lower Upper
228 100
226 30.6 24.2 36.2
229 20.6 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.696 ng

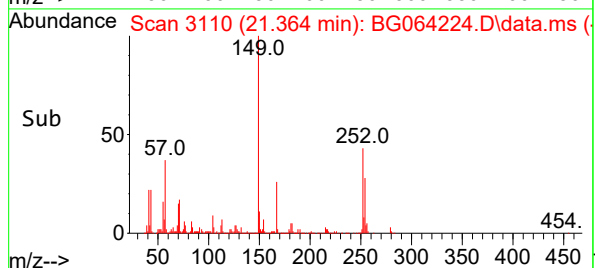
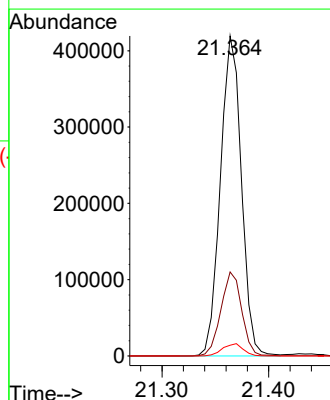
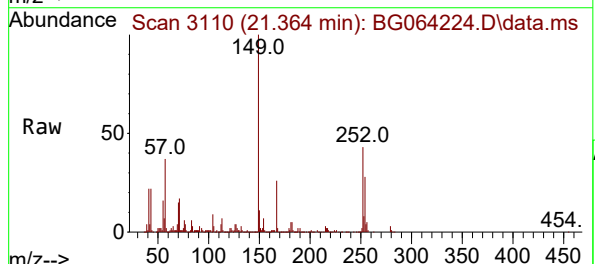
RT: 21.364 min Scan# 3110

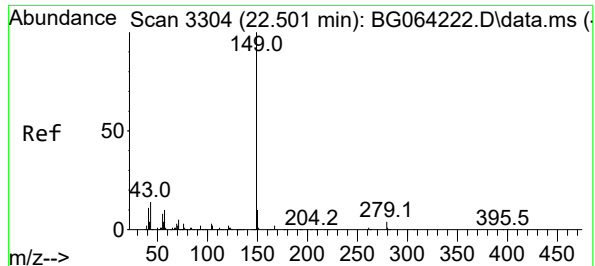
Delta R.T. -0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

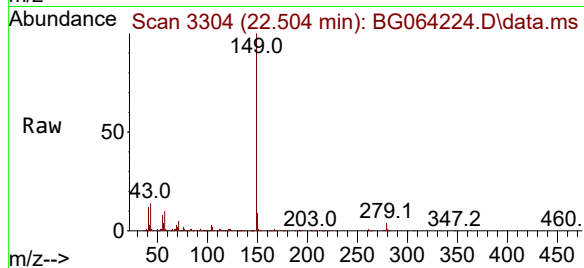
Tgt Ion:149 Resp: 572579
Ion Ratio Lower Upper
149 100
167 26.3 20.0 30.0
279 3.4 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 62.901 ng
RT: 22.504 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

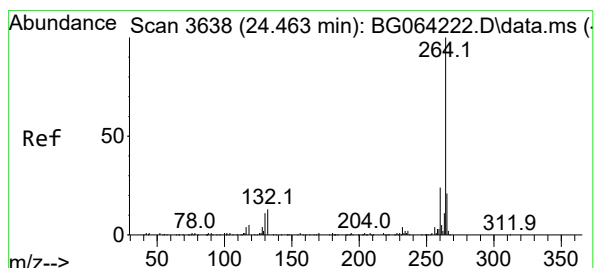
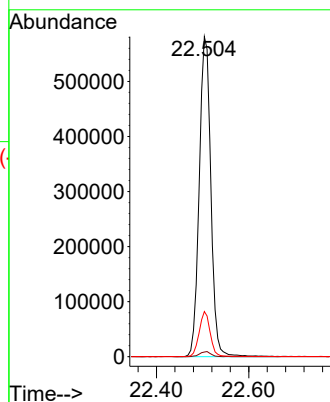
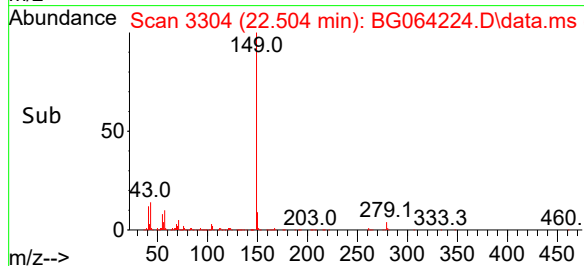
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:149 Resp: 101715
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 13.4 10.8 16.2

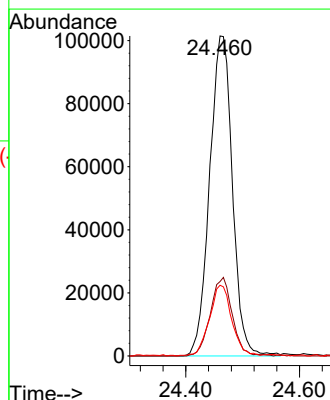
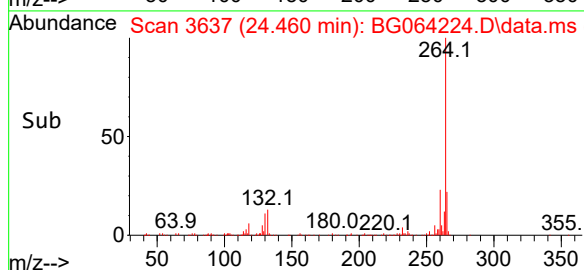
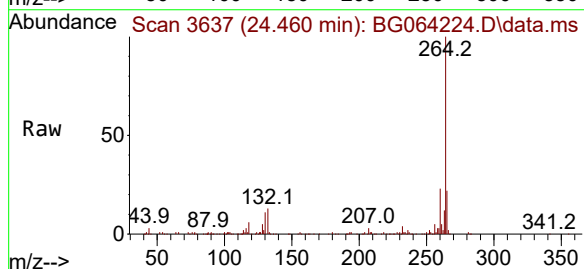
Manual Integrations
APPROVED

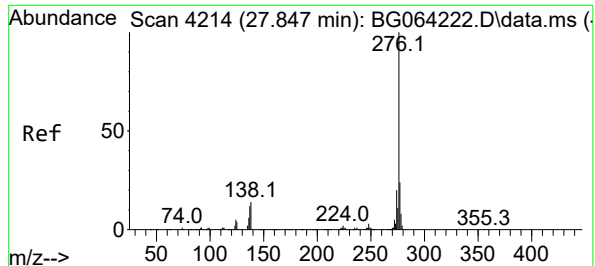
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.460 min Scan# 3637
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

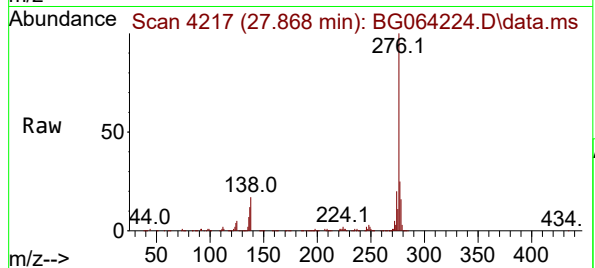
Tgt Ion:264 Resp: 282089
Ion Ratio Lower Upper
264 100
260 23.3 18.9 28.3
265 22.1 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 62.724 ng
RT: 27.868 min Scan# 4217
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

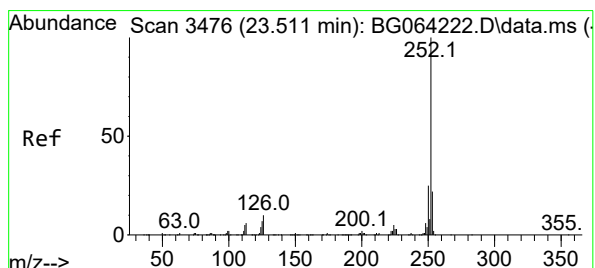
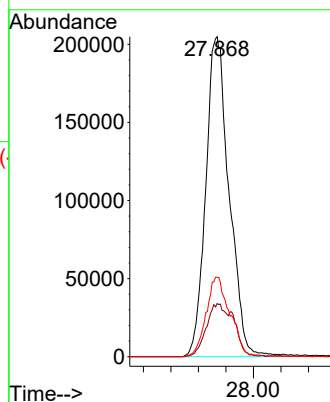
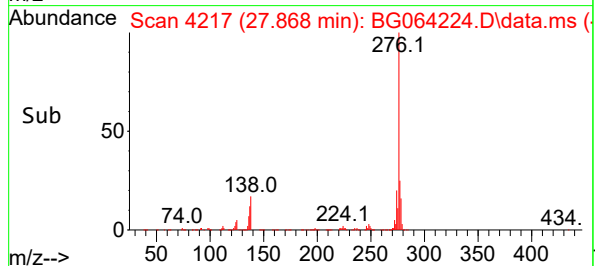
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:276 Resp: 1208324
Ion Ratio Lower Upper
276 100
138 14.2 7.4 11.0
277 25.3 20.5 30.7

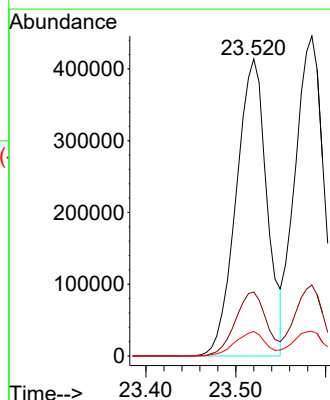
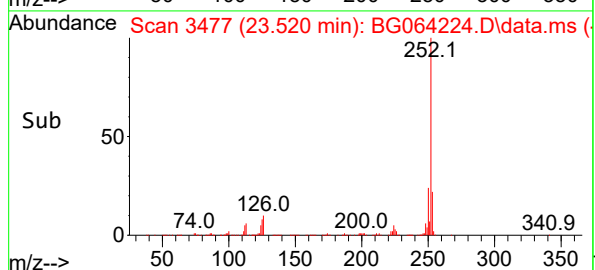
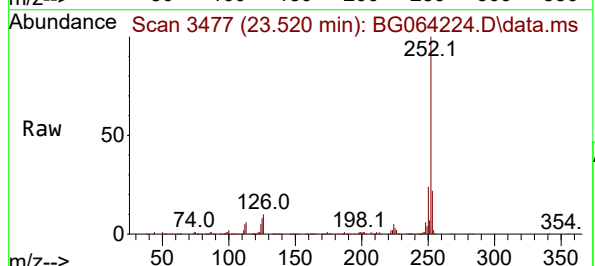
Manual Integrations
APPROVED

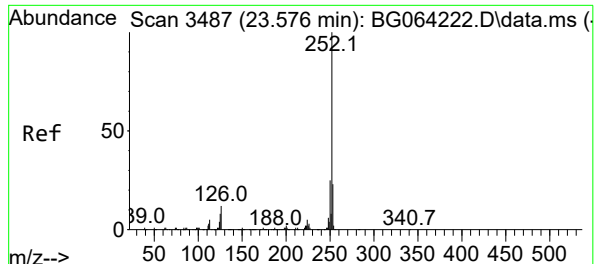
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#88
Benzo(b)fluoranthene
Concen: 61.873 ng
RT: 23.520 min Scan# 3477
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:252 Resp: 985063
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 8.3 5.9 8.9





#89

Benzo(k)fluoranthene

Concen: 61.325 ng

RT: 23.585 min Scan# 34

Delta R.T. -0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:252 Resp: 99466

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.4

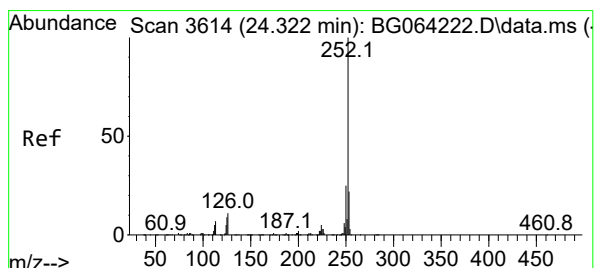
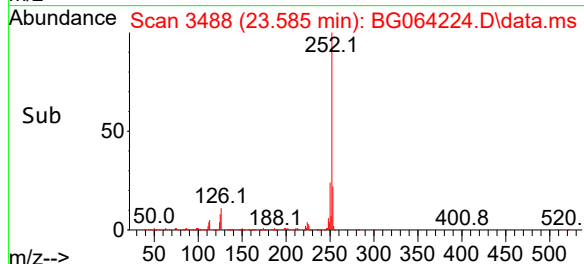
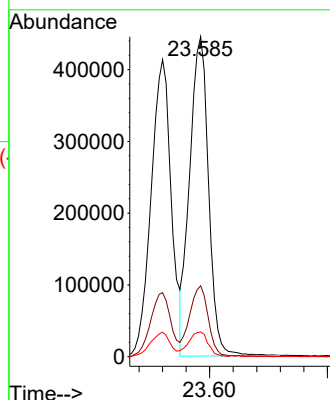
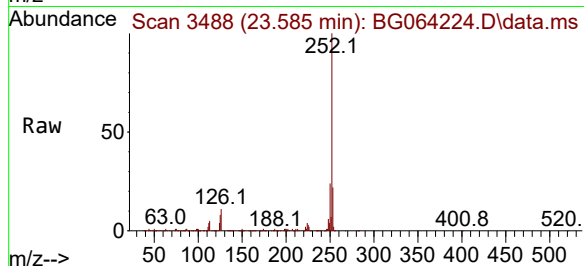
125 7.7 7.0 10.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#90

Benzo(a)pyrene

Concen: 62.350 ng

RT: 24.331 min Scan# 3615

Delta R.T. 0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

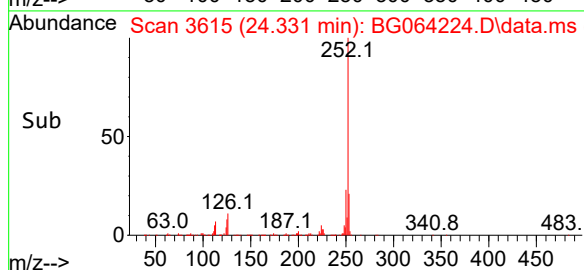
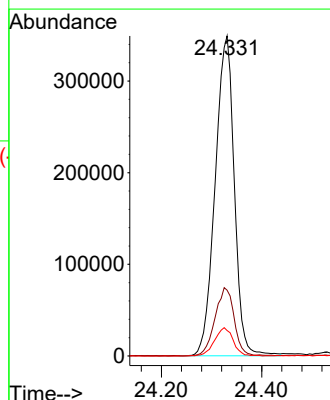
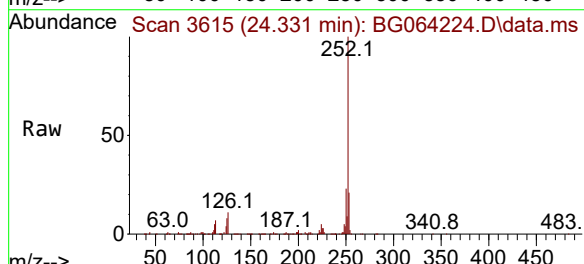
Tgt Ion:252 Resp: 923392

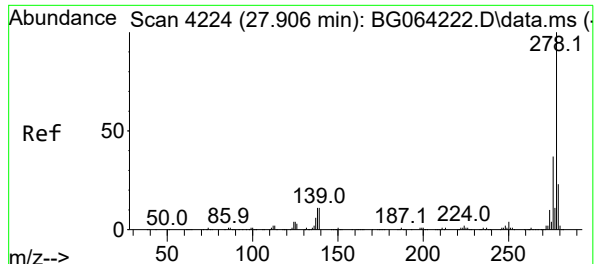
Ion Ratio Lower Upper

252 100

253 20.5 17.4 26.2

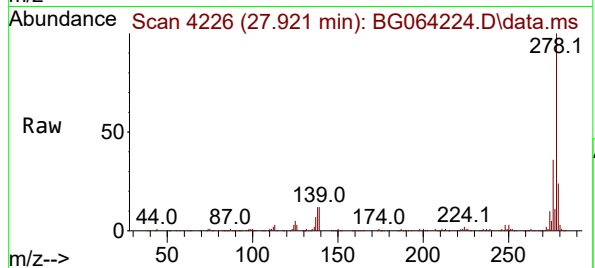
125 7.9 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 62.598 ng
RT: 27.921 min Scan# 41
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

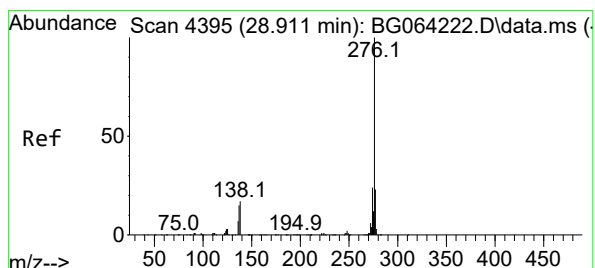
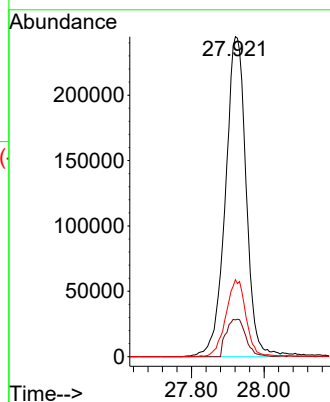
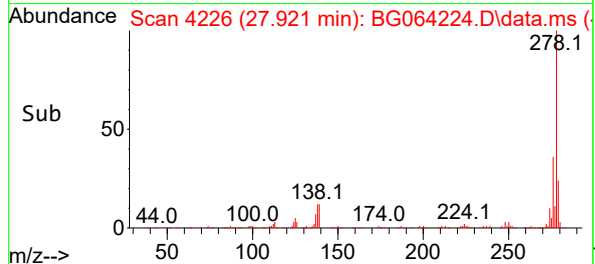
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:278 Resp: 968230
Ion Ratio Lower Upper
278 100
139 11.5 9.0 13.4
279 24.1 18.8 28.2

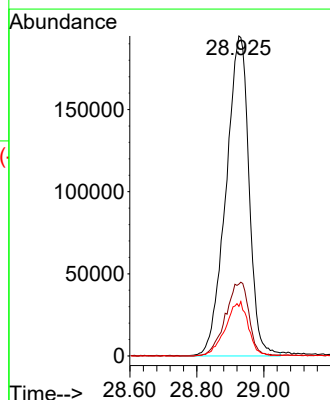
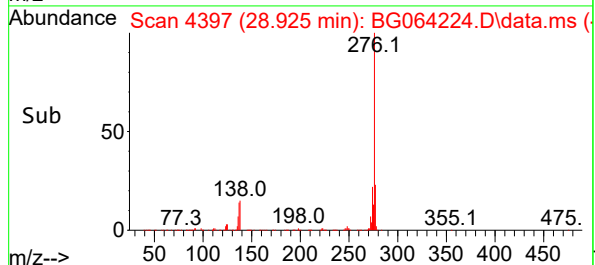
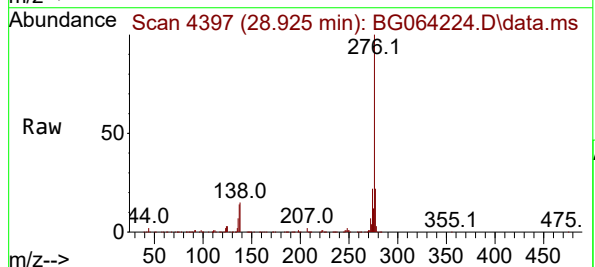
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#92
Benzo(g,h,i)perylene
Concen: 61.991 ng
RT: 28.925 min Scan# 4397
Delta R.T. -0.009 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:276 Resp: 933012
Ion Ratio Lower Upper
276 100
277 22.5 18.2 27.4
138 15.5 13.3 19.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
 Data File : BG064225.D
 Acq On : 28 Aug 2025 16:16
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/29/2025
 Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:41:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	31439	20.000	ng	0.00
21) Naphthalene-d8	10.650	136	150999	20.000	ng	# 0.00
39) Acenaphthene-d10	14.481	164	104548	20.000	ng	0.00
64) Phenanthrene-d10	17.225	188	231385	20.000	ng	0.00
76) Chrysene-d12	21.455	240	235542	20.000	ng	0.00
86) Perylene-d12	24.463	264	252822	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.444	112	284858	162.557	ng	0.00
7) Phenol-d6	7.031	99	385197	160.002	ng	0.00
23) Nitrobenzene-d5	9.017	82	435451	160.831	ng	0.00
42) 2,4,6-Tribromophenol	15.973	330	210720	152.168	ng	0.00
45) 2-Fluorobiphenyl	13.112	172	1040275	151.875	ng	0.00
79) Terphenyl-d14	19.845	244	1673235	148.209	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.359	88	53597	73.380	ng	94
3) Pyridine	3.752	79	169599	78.882	ng	# 56
4) n-Nitrosodimethylamine	3.664	42	112112	78.835	ng	87
6) Aniline	7.189	93	265369	79.710	ng	98
8) 2-Chlorophenol	7.424	128	171573	80.124	ng	96
10) Phenol	7.054	94	213623	80.484	ng	95
11) bis(2-Chloroethyl)ether	7.283	93	158234	79.334	ng	95
12) 1,3-Dichlorobenzene	7.747	146	176619	77.530	ng	97
13) 1,4-Dichlorobenzene	7.894	146	175825	76.475	ng	98
14) 1,2-Dichlorobenzene	8.212	146	174325	78.562	ng	94
15) Benzyl Alcohol	8.094	79	182418	82.109	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.376	45	352470	77.403	ng	98
17) 2-Methylphenol	8.300	107	156695	79.212	ng	99
18) Hexachloroethane	8.934	117	71260	79.402	ng	93
19) n-Nitroso-di-n-propyla...	8.664	70	146366	79.439	ng	93
20) 3+4-Methylphenols	8.629	107	220429	80.195	ng	98
22) Acetophenone	8.676	105	297000	77.746	ng	# 97
24) Nitrobenzene	9.058	77	226441	80.047	ng	98
25) Isophorone	9.587	82	437415	77.734	ng	99
26) 2-Nitrophenol	9.763	139	103335	84.539	ng	88
27) 2,4-Dimethylphenol	9.827	122	168782	78.649	ng	99
28) bis(2-Chloroethoxy)met...	10.062	93	236323	77.887	ng	97
29) 2,4-Dichlorophenol	10.297	162	177516	78.397	ng	95
30) 1,2,4-Trichlorobenzene	10.509	180	184039	77.085	ng	99
31) Naphthalene	10.697	128	595827	76.094	ng	99
32) Benzoic acid	10.015	122	147808m	86.767	ng	
33) 4-Chloroaniline	10.803	127	242526	79.915	ng	98
34) Hexachlorobutadiene	10.991	225	135868	76.987	ng	91
35) Caprolactam	11.602	113	66367	75.695	ng	# 85
36) 4-Chloro-3-methylphenol	11.931	107	231233	78.708	ng	95
37) 2-Methylnaphthalene	12.307	142	443073	76.128	ng	97
38) 1-Methylnaphthalene	12.524	142	435898	75.825	ng	96
40) 1,2,4,5-Tetrachloroben...	12.677	216	241038	79.906	ng	99
41) Hexachlorocyclopentadiene	12.659	237	123923	86.438	ng	95
43) 2,4,6-Trichlorophenol	12.912	196	164665	81.670	ng	93
44) 2,4,5-Trichlorophenol	12.988	196	177089	80.969	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
 Data File : BG064225.D
 Acq On : 28 Aug 2025 16:16
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:41:15 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 28 17:41:58 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.317	154	595496	78.203	ng	100
47) 2-Chloronaphthalene	13.359	162	451011	78.784	ng	97
48) 2-Nitroaniline	13.564	65	165981	85.067	ng	98
49) Acenaphthylene	14.205	152	660780	78.084	ng	98
50) Dimethylphthalate	13.946	163	592653	74.892	ng	100
51) 2,6-Dinitrotoluene	14.058	165	127509	83.231	ng	98
52) Acenaphthene	14.551	154	457783	76.655	ng	96
53) 3-Nitroaniline	14.387	138	130491	81.316	ng	92
54) 2,4-Dinitrophenol	14.592	184	79263	79.247	ng	# 84
55) Dibenzofuran	14.880	168	720048	76.654	ng	98
56) 4-Nitrophenol	14.698	139	110109	83.646	ng	98
57) 2,4-Dinitrotoluene	14.845	165	190202	82.112	ng	98
58) Fluorene	15.533	166	574100	74.567	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.109	232	164241	78.076	ng	99
60) Diethylphthalate	15.315	149	633833	74.841	ng	99
61) 4-Chlorophenyl-phenyle...	15.527	204	289860	75.511	ng	96
62) 4-Nitroaniline	15.556	138	136014	83.062	ng	98
63) Azobenzene	15.820	77	577669	76.529	ng	98
65) 4,6-Dinitro-2-methylph...	15.609	198	118887	89.493	ng	99
66) n-Nitrosodiphenylamine	15.744	169	501350	78.764	ng	96
67) 4-Bromophenyl-phenylether	16.420	248	199527	81.188	ng	99
68) Hexachlorobenzene	16.537	284	217240	79.601	ng	93
69) Atrazine	16.696	200	203423	76.540	ng	99
70) Pentachlorophenol	16.878	266	144874	87.549	ng	93
71) Phenanthrene	17.266	178	939199	76.958	ng	98
72) Anthracene	17.360	178	951911	76.680	ng	98
73) Carbazole	17.624	167	841735	76.969	ng	98
74) Di-n-butylphthalate	18.194	149	1011294	76.970	ng	99
75) Fluoranthene	19.275	202	1084541	75.580	ng	98
77) Benzidine	19.457	184	337627	68.139	ng	98
78) Pyrene	19.639	202	1147906	77.355	ng	99
80) Butylbenzylphthalate	20.533	149	453565	81.036	ng	100
81) Benzo(a)anthracene	21.437	228	1171856	77.766	ng	99
82) 3,3'-Dichlorobenzidine	21.361	252	380457	77.523	ng	97
83) Chrysene	21.502	228	1121478	77.521	ng	99
84) Bis(2-ethylhexyl)phtha...	21.367	149	661990	78.779	ng	96
85) Di-n-octyl phthalate	22.507	149	1167706	79.752	ng	100
87) Indeno(1,2,3-cd)pyrene	27.871	276	1401756	81.188	ng	# 98
88) Benzo(b)fluoranthene	23.517	252	1165918	81.710	ng	99
89) Benzo(k)fluoranthene	23.588	252	1148481	79.005	ng	98
90) Benzo(a)pyrene	24.328	252	1066956	80.383	ng	100
91) Dibenzo(a,h)anthracene	27.924	278	1133261	81.749	ng	98
92) Benzo(g,h,i)perylene	28.934	276	1088525	80.696	ng	98

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

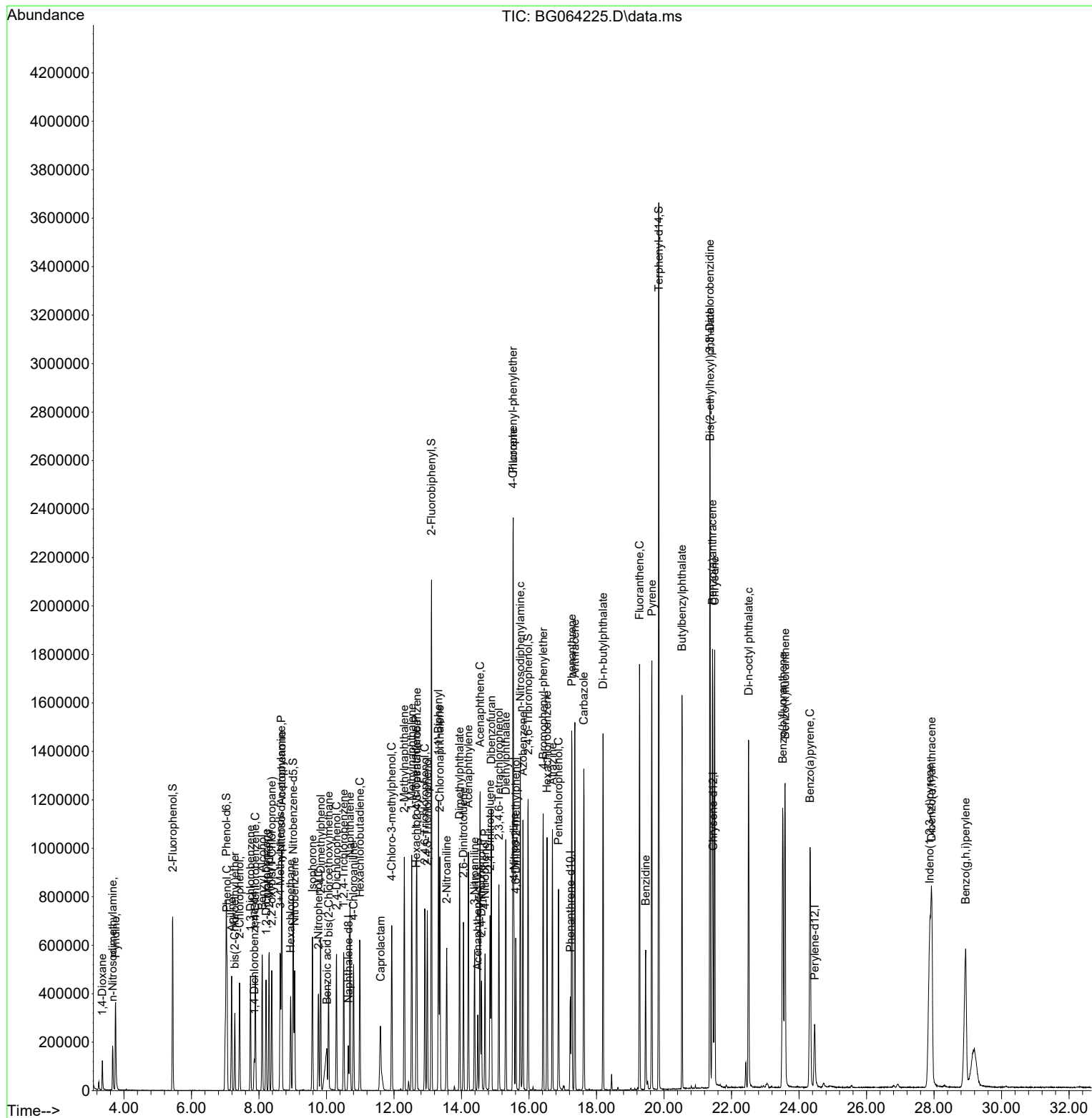
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Data File : BG064225.D
Acq On : 28 Aug 2025 16:16
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

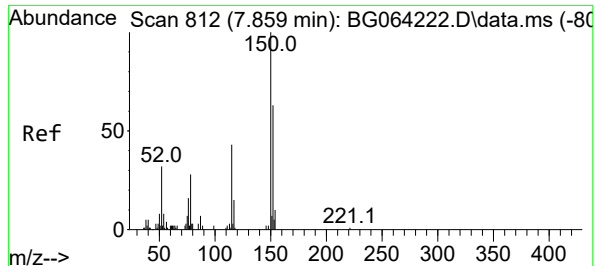
Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jaagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:41:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration





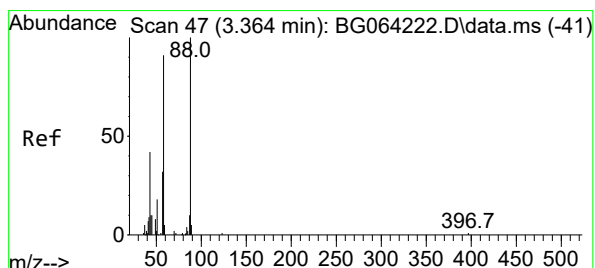
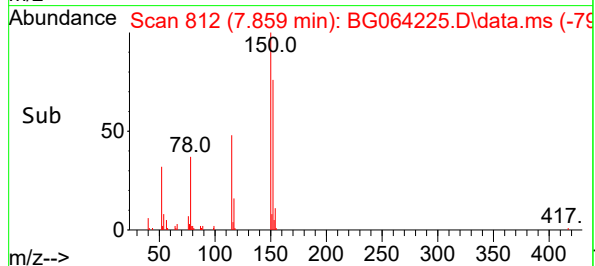
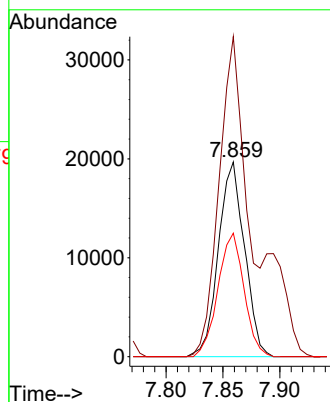
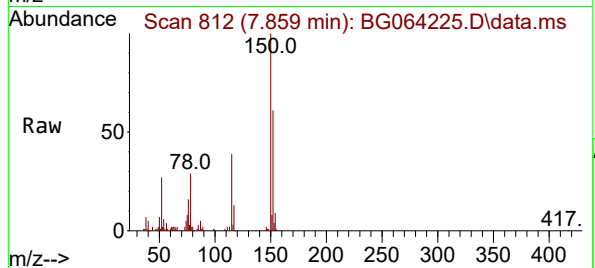
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.859 min Scan# 812
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 31439
Ion Ratio Lower Upper
152 100
150 164.4 128.0 192.0
115 63.5 55.7 83.5

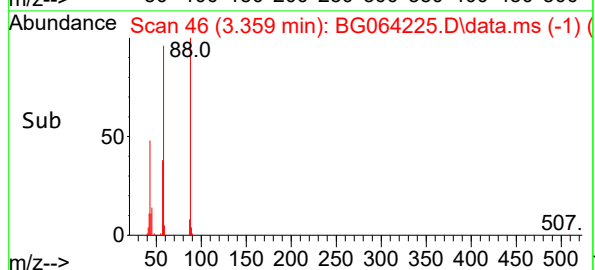
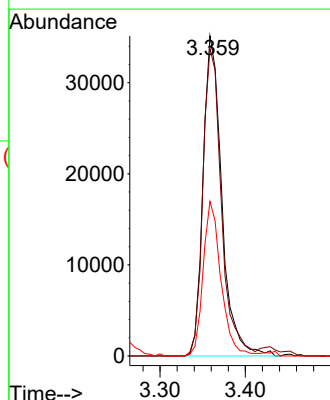
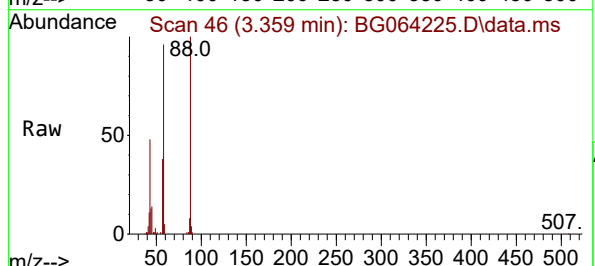
Manual Integrations
APPROVED

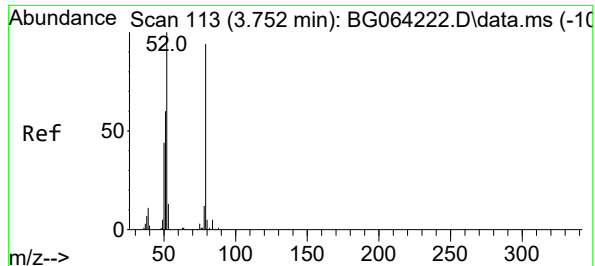
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#2
1,4-Dioxane
Concen: 73.380 ng
RT: 3.359 min Scan# 46
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

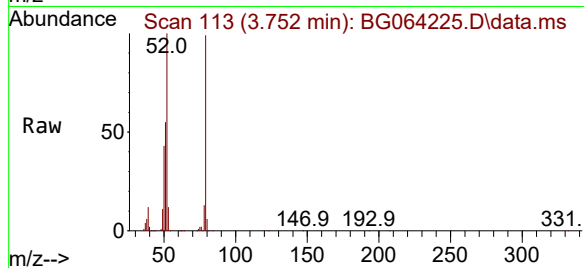
Tgt Ion: 88 Resp: 53597
Ion Ratio Lower Upper
88 100
58 94.8 80.8 121.2
43 46.2 40.3 60.5





#3
Pyridine
Concen: 78.882 ng
RT: 3.752 min Scan# 113
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

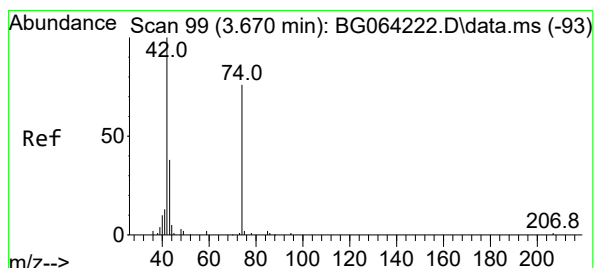
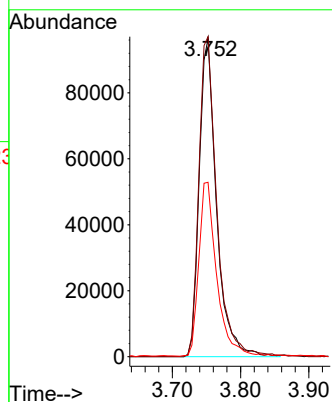
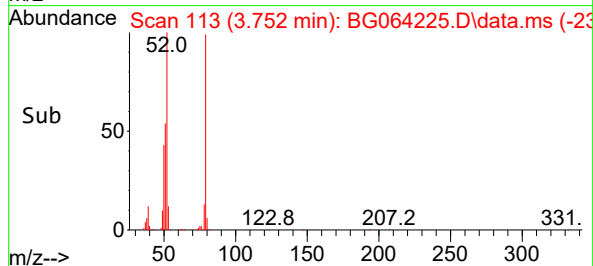
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion: 79 Resp: 169599
Ion Ratio Lower Upper
79 100
52 100.6 86.6 129.8
51 54.8 114.1 171.1

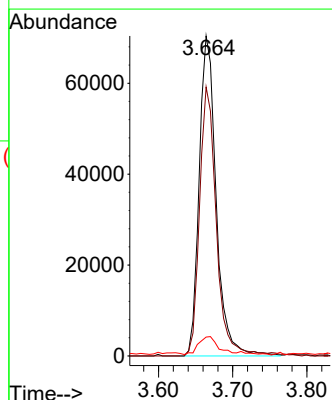
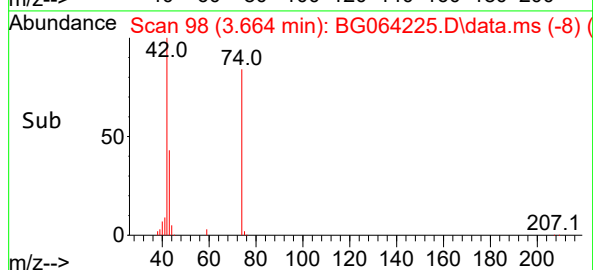
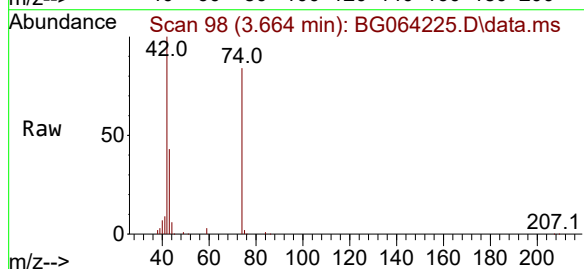
Manual Integrations
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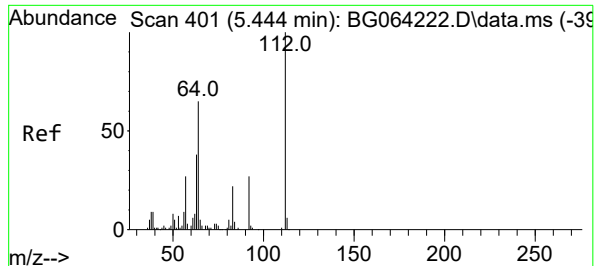
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#4
n-Nitrosodimethylamine
Concen: 78.835 ng
RT: 3.664 min Scan# 98
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion: 42 Resp: 112112
Ion Ratio Lower Upper
42 100
74 84.1 58.0 87.0
44 5.9 5.5 8.3





#5

2-Fluorophenol

Concen: 162.557 ng

RT: 5.444 min Scan# 401

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:112 Resp: 284858

Ion Ratio Lower Upper

112 100

64 61.3 51.8 77.6

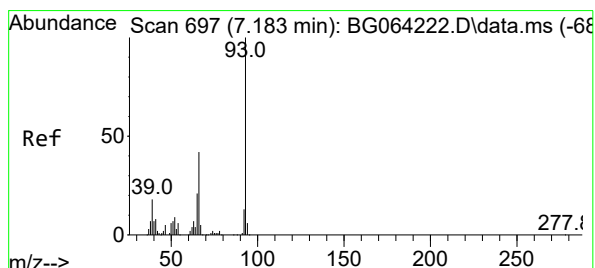
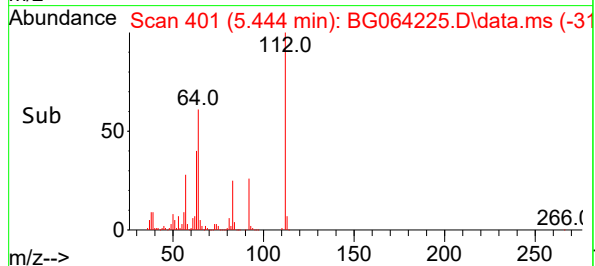
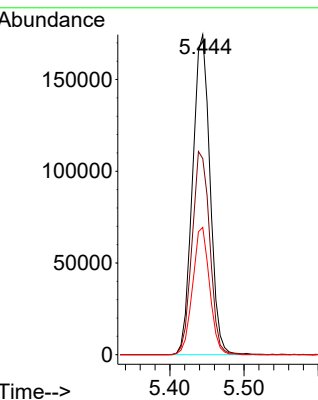
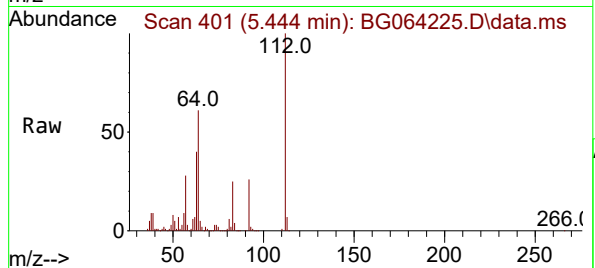
63 39.8 30.6 45.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#6

Aniline

Concen: 79.710 ng

RT: 7.189 min Scan# 698

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

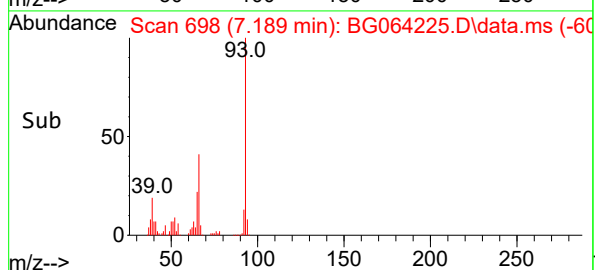
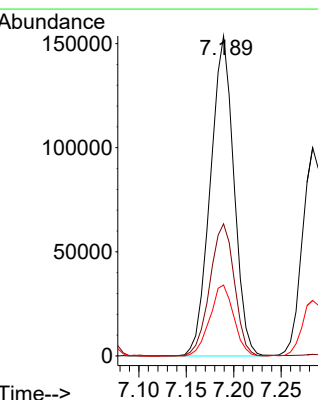
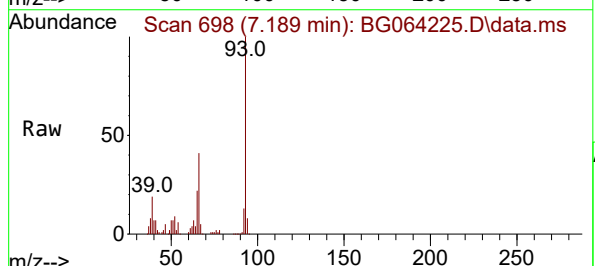
Tgt Ion: 93 Resp: 265369

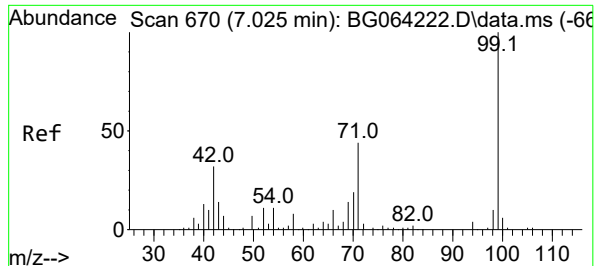
Ion Ratio Lower Upper

93 100

66 41.3 33.8 50.8

65 22.2 16.9 25.3





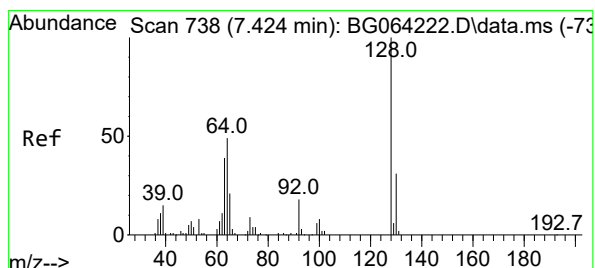
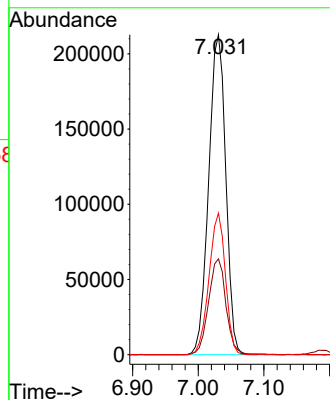
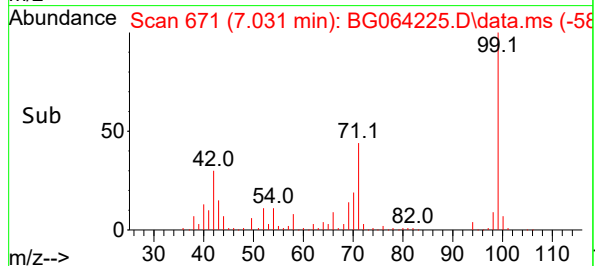
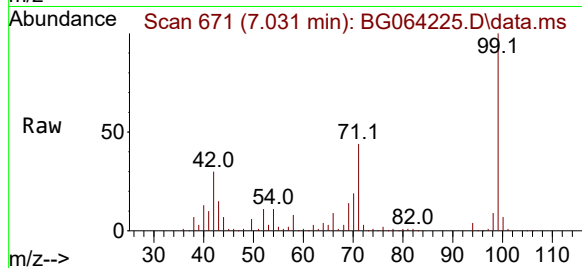
#7
Phenol-d6
Concen: 160.002 ng
RT: 7.031 min Scan# 671
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion: 99 Resp: 38519
Ion Ratio Lower Upper
99 100
42 29.9 25.8 38.8
71 44.3 35.2 52.8

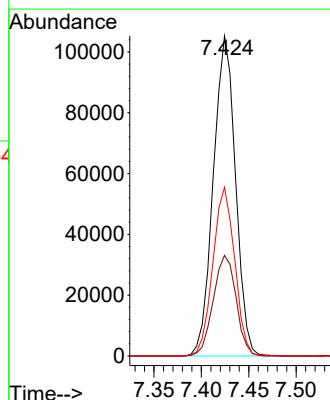
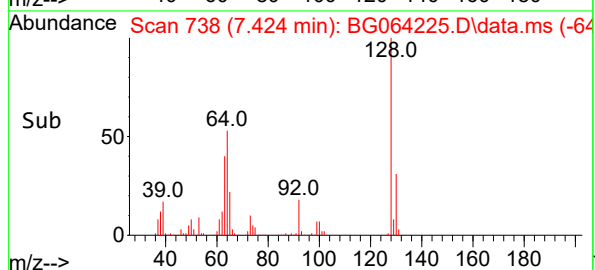
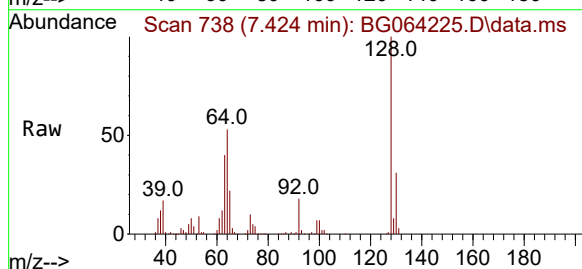
Manual Integrations
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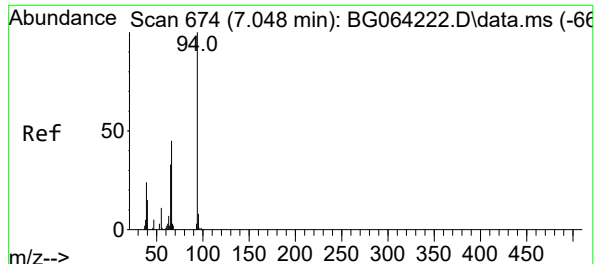
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#8
2-Chlorophenol
Concen: 80.124 ng
RT: 7.424 min Scan# 738
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

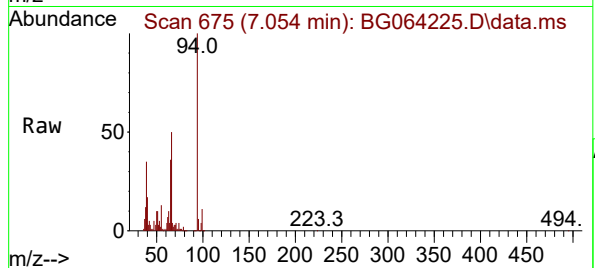
Tgt Ion:128 Resp: 171573
Ion Ratio Lower Upper
128 100
130 31.4 10.9 50.9
64 52.7 28.7 68.7





#10
Phenol
Concen: 80.484 ng
RT: 7.054 min Scan# 675
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

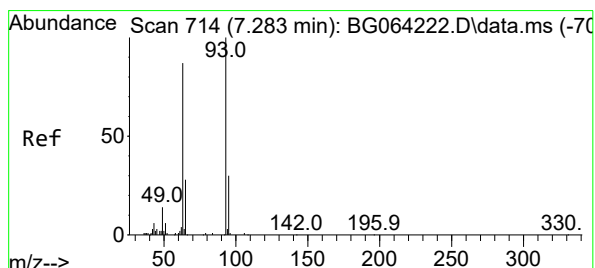
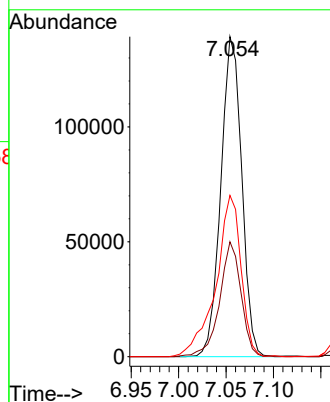
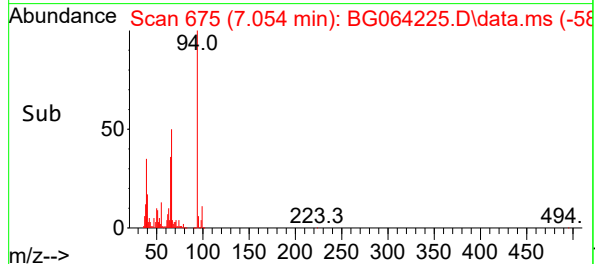
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion: 94 Resp: 21362
Ion Ratio Lower Upper
94 100
65 35.9 13.5 53.5
66 50.4 26.2 66.2

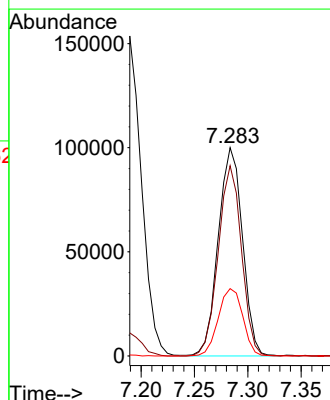
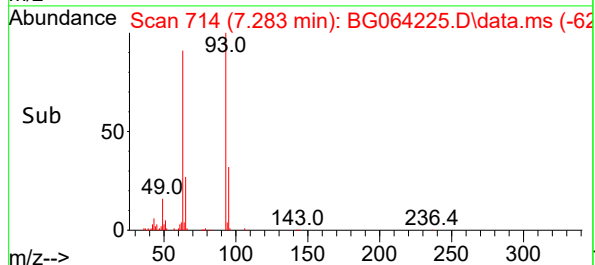
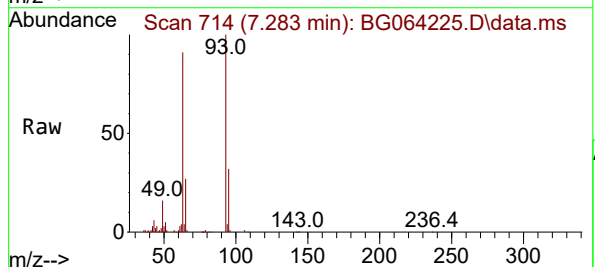
Manual Integrations
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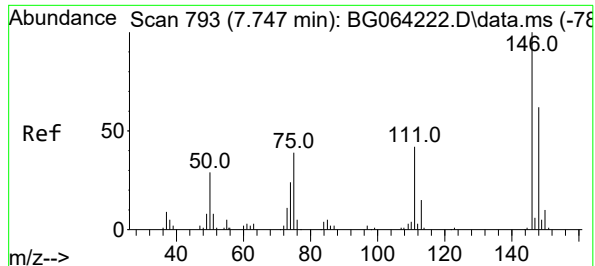
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#11
bis(2-Chloroethyl)ether
Concen: 79.334 ng
RT: 7.283 min Scan# 714
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion: 93 Resp: 158234
Ion Ratio Lower Upper
93 100
63 91.3 66.2 106.2
95 32.3 9.8 49.8





#12

1,3-Dichlorobenzene

Concen: 77.530 ng

RT: 7.747 min Scan# 793

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 176619

Ion Ratio Lower Upper

146 100

148 63.2 49.6 74.4

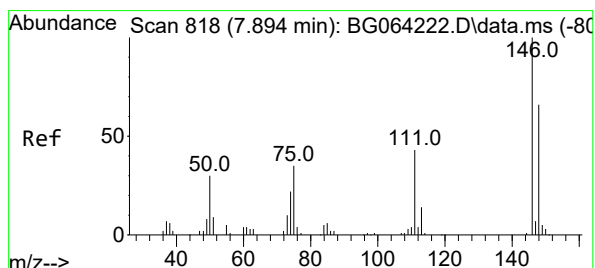
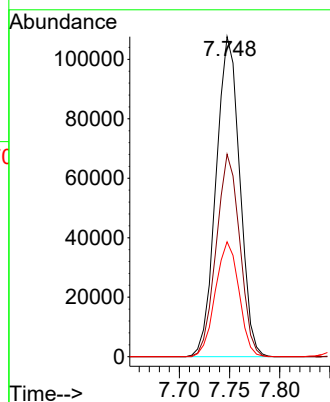
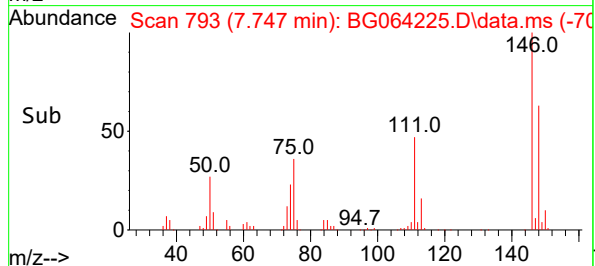
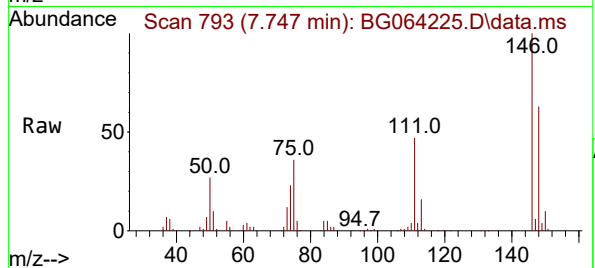
75 35.9 31.0 46.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#13

1,4-Dichlorobenzene

Concen: 76.475 ng

RT: 7.894 min Scan# 818

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

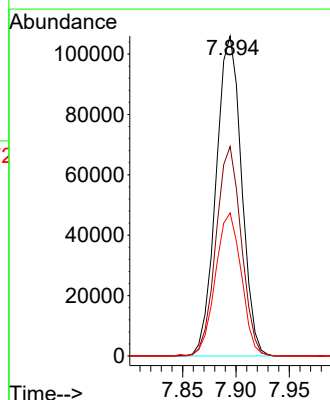
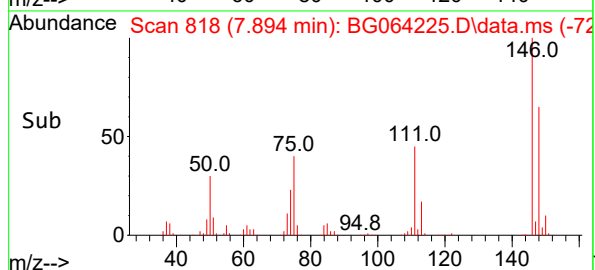
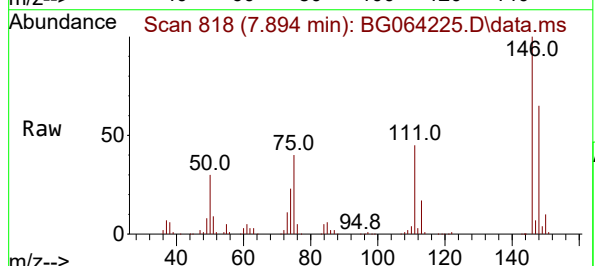
Tgt Ion:146 Resp: 175825

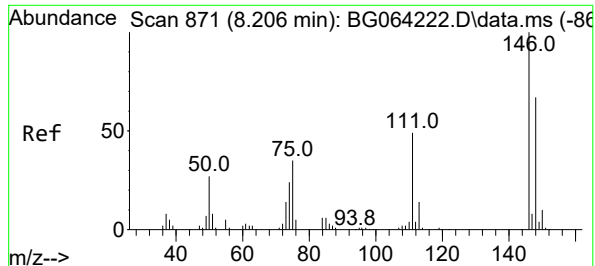
Ion Ratio Lower Upper

146 100

148 65.4 52.8 79.2

111 44.7 34.1 51.1





#14

1,2-Dichlorobenzene

Concen: 78.562 ng

RT: 8.212 min Scan# 81

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 17432

Ion Ratio Lower Upper

146 100

148 61.2 53.4 80.0

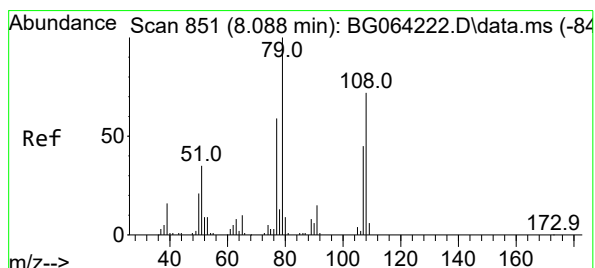
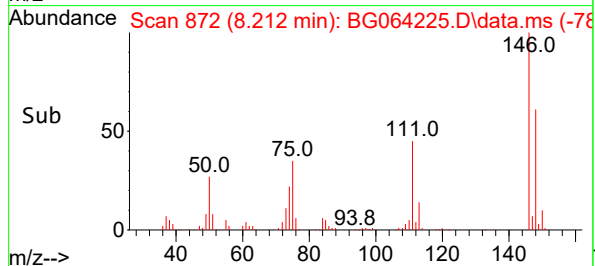
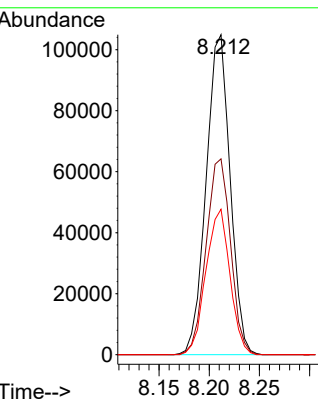
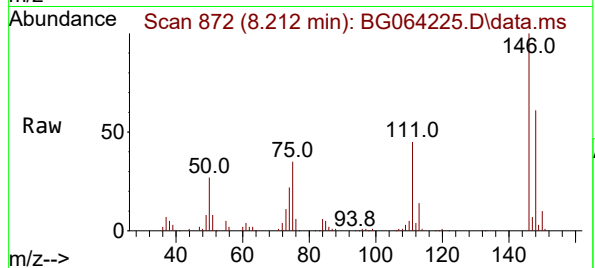
111 45.5 39.1 58.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#15

Benzyl Alcohol

Concen: 82.109 ng

RT: 8.094 min Scan# 852

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

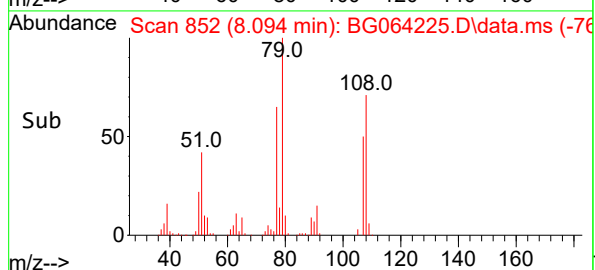
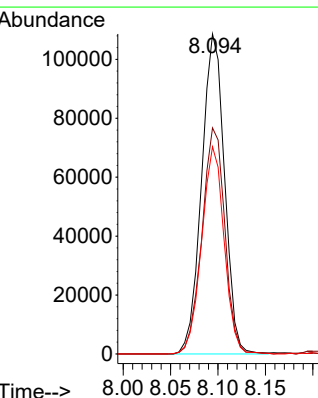
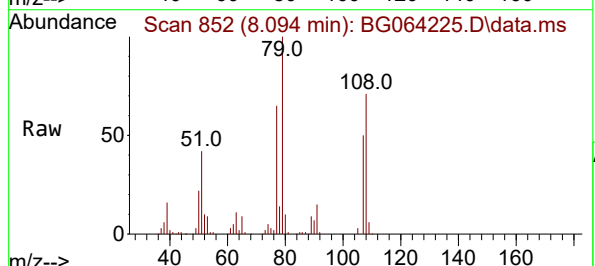
Tgt Ion: 79 Resp: 182418

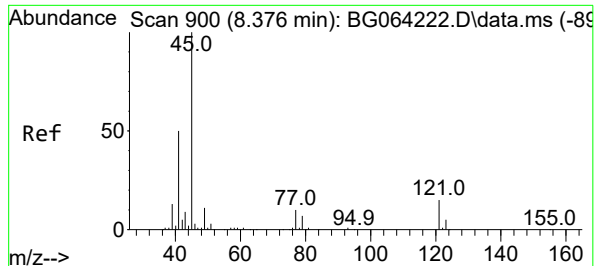
Ion Ratio Lower Upper

79 100

108 70.6 57.4 86.0

77 64.8 47.2 70.8





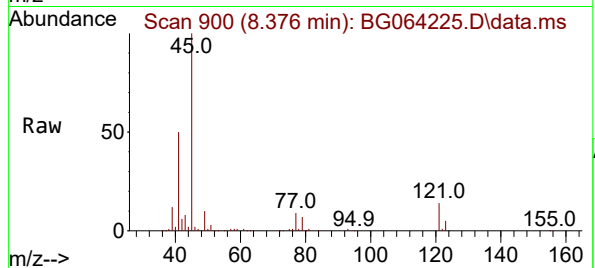
#16
2,2'-oxybis(1-Chloropropane)
Concen: 77.403 ng
RT: 8.376 min Scan# 900
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

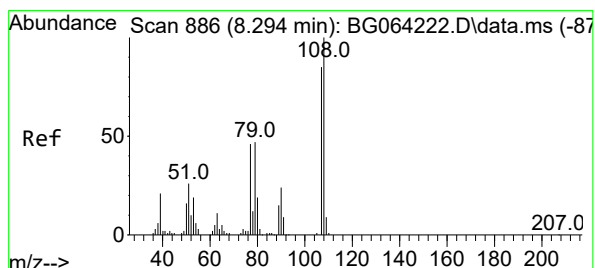
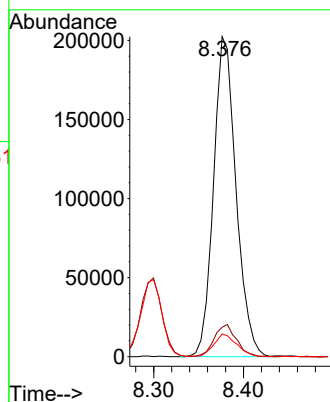
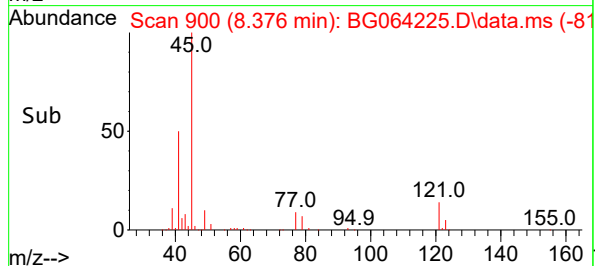


Tgt Ion: 45 Resp: 352470
Ion Ratio Lower Upper
45 100
77 9.2 0.0 30.0
79 7.1 0.0 27.9

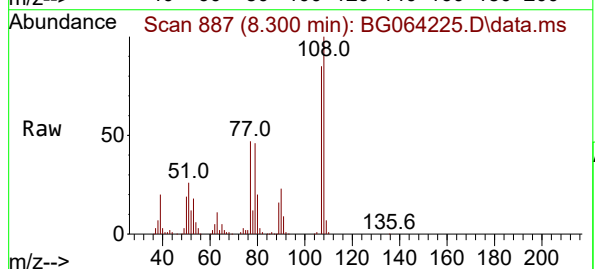
Manual Integrations

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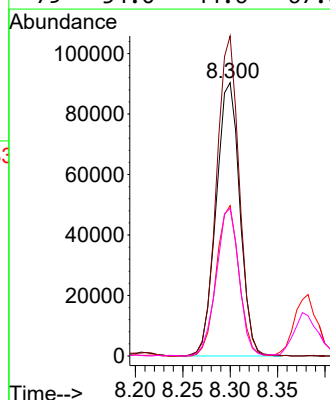
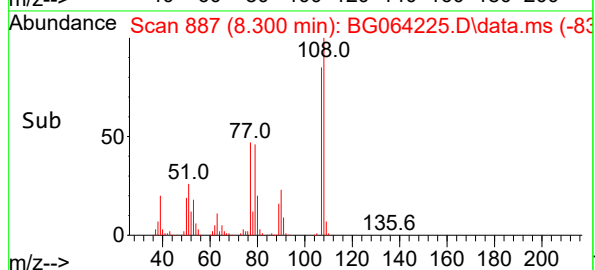
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

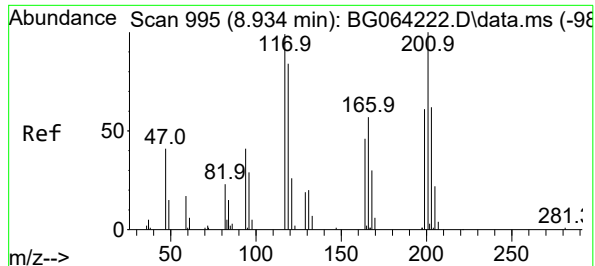


#17
2-Methylphenol
Concen: 79.212 ng
RT: 8.300 min Scan# 887
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16



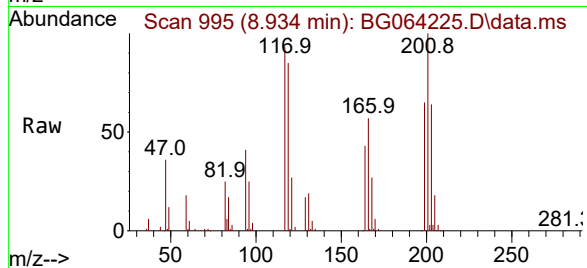
Tgt Ion:107 Resp: 156695
Ion Ratio Lower Upper
107 100
108 117.1 94.6 141.8
77 55.0 43.7 65.5
79 54.0 44.6 67.0





#18
Hexachloroethane
Concen: 79.402 ng
RT: 8.934 min Scan# 995
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

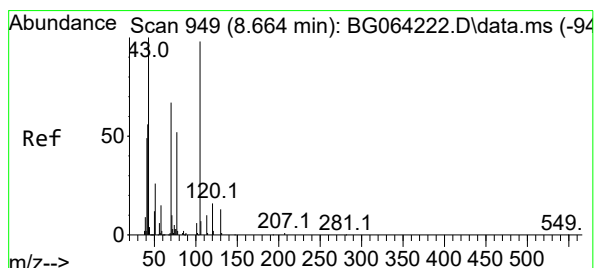
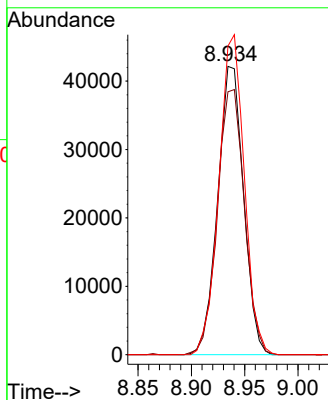
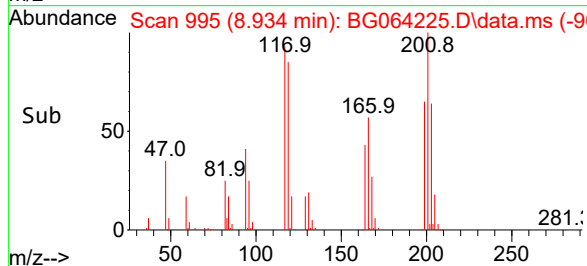
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:117 Resp: 71260
Ion Ratio Lower Upper
117 100
119 91.2 67.9 101.9
201 107.0 80.5 120.7

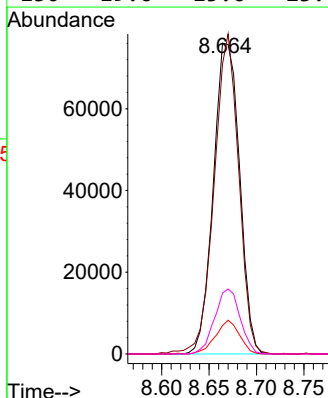
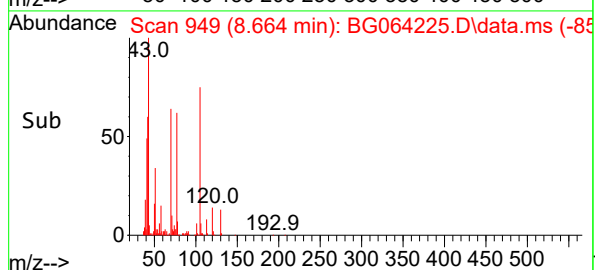
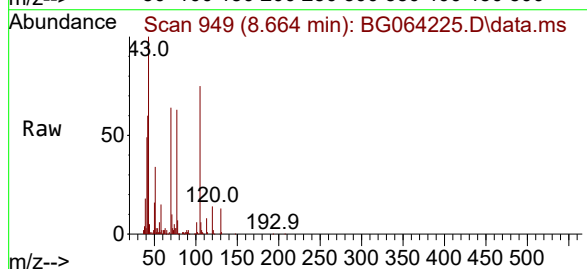
Manual Integrations
APPROVED

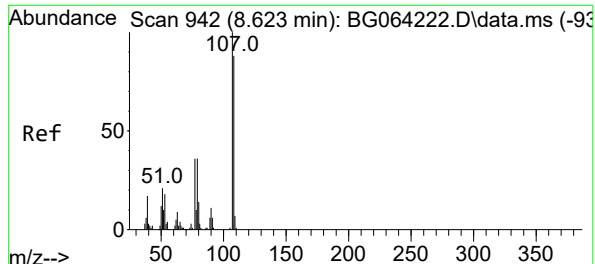
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#19
n-Nitroso-di-n-propylamine
Concen: 79.439 ng
RT: 8.664 min Scan# 949
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion: 70 Resp: 146366
Ion Ratio Lower Upper
70 100
42 93.3 67.9 101.9
101 9.1 7.3 10.9
130 19.6 15.6 23.4





#20

3+4-Methylphenols

Concen: 80.195 ng

RT: 8.629 min Scan# 94

Delta R.T. 0.000 min

Lab File: BG064225.D

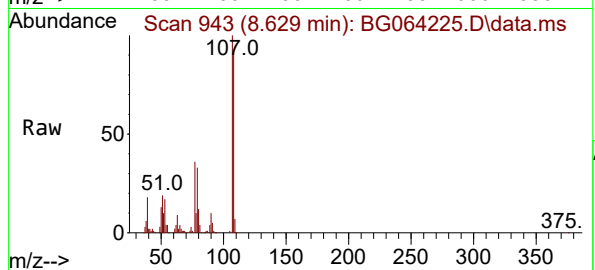
Acq: 28 Aug 2025 16:16

Instrument :

BNA_G

ClientSampleId :

SSTDICC080



Tgt Ion:107 Resp: 220429

Ion Ratio Lower Upper

107 100

108 89.6 68.1 108.1

77 36.5 15.9 55.9

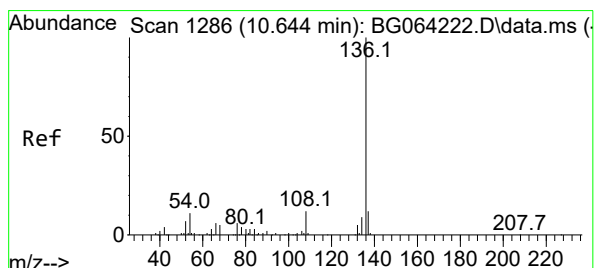
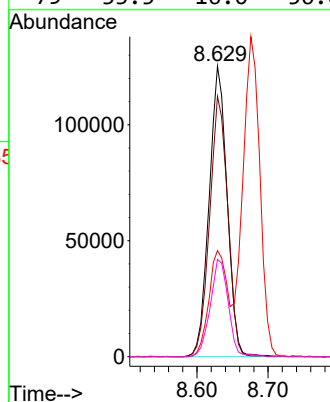
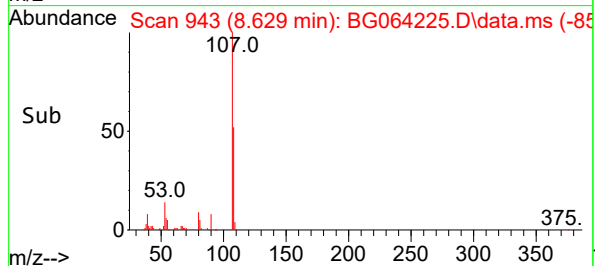
79 33.5 16.0 56.0

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.650 min Scan# 1287

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

Tgt Ion:136 Resp: 150999

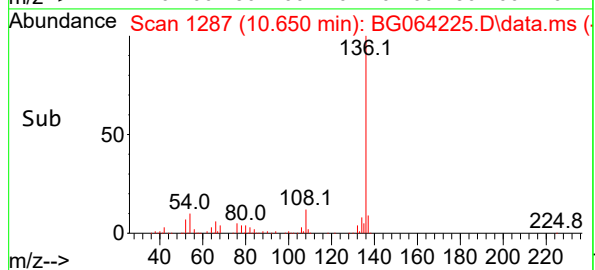
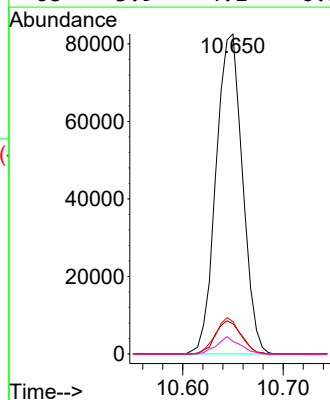
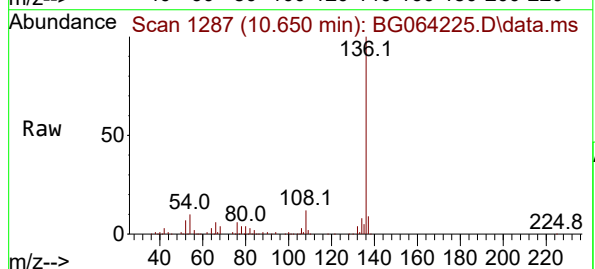
Ion Ratio Lower Upper

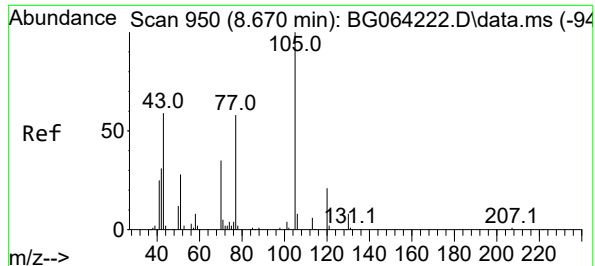
136 100

137 9.4 9.6 14.4#

54 10.1 8.8 13.2

68 3.9 4.1 6.1#





#22

Acetophenone

Concen: 77.746 ng

RT: 8.676 min Scan# 91

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:105 Resp: 297000

Ion Ratio Lower Upper

105 100

71 6.6 4.3 6.5

51 42.1 32.4 48.6

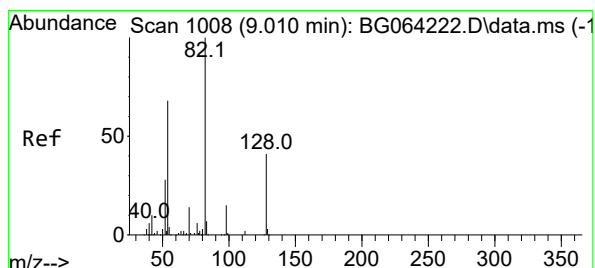
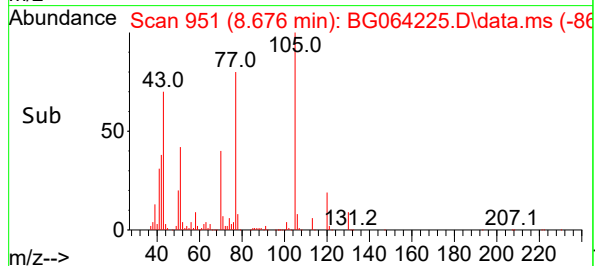
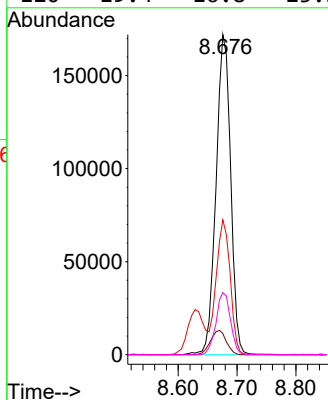
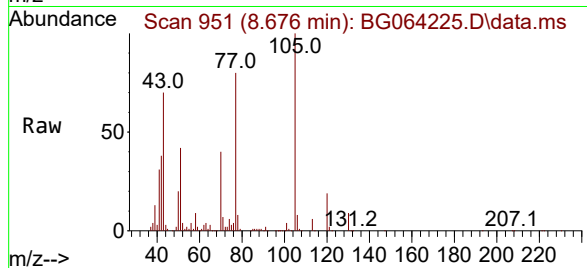
120 19.4 16.8 25.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#23

Nitrobenzene-d5

Concen: 160.831 ng

RT: 9.017 min Scan# 1009

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

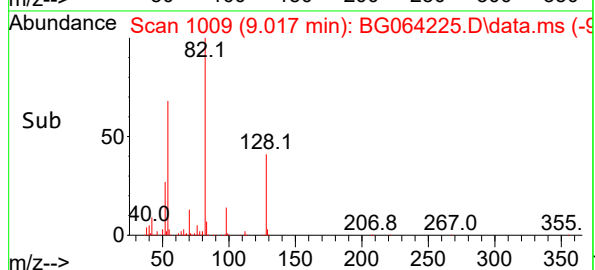
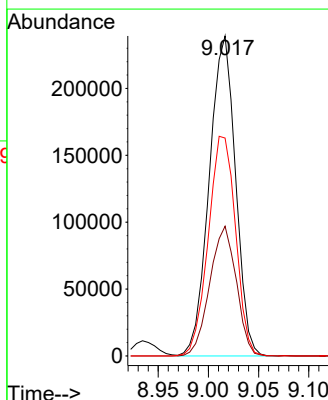
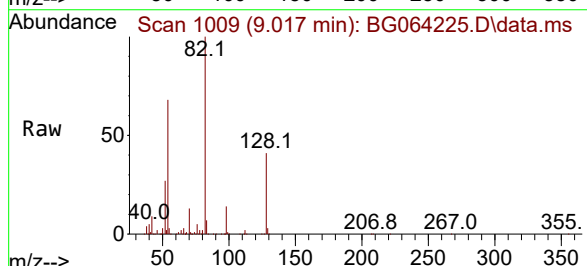
Tgt Ion: 82 Resp: 435451

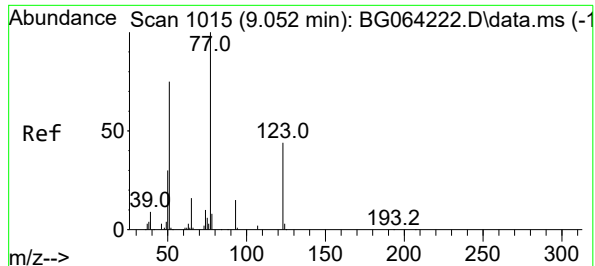
Ion Ratio Lower Upper

82 100

128 40.6 32.6 48.8

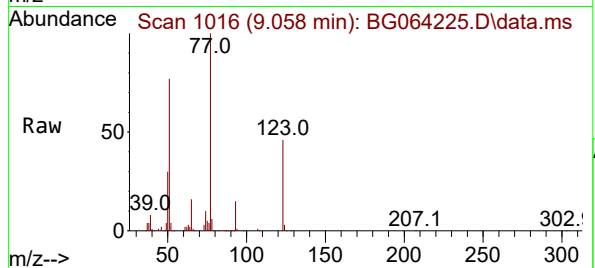
54 68.1 54.7 82.1





#24
Nitrobenzene
Concen: 80.047 ng
RT: 9.058 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

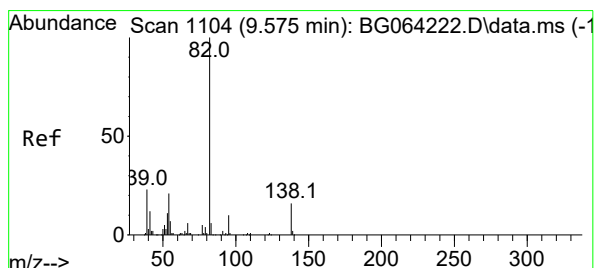
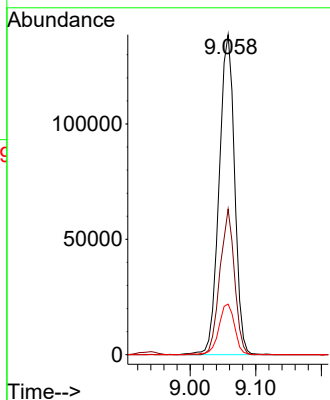
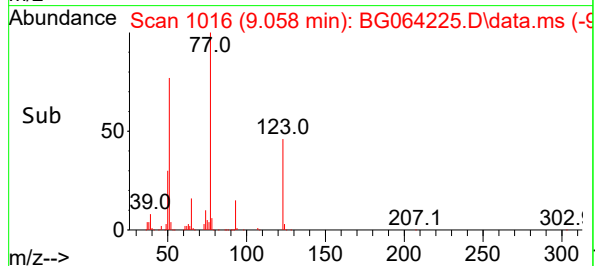
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion: 77 Resp: 22644
Ion Ratio Lower Upper
77 100
123 45.5 35.2 52.8
65 15.8 12.6 19.0

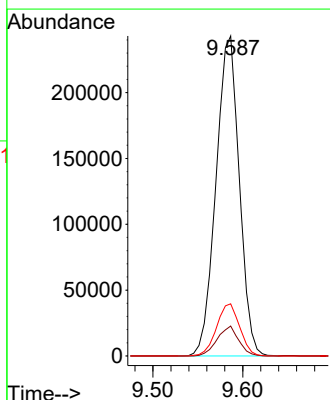
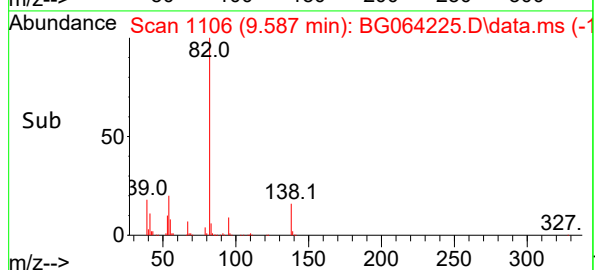
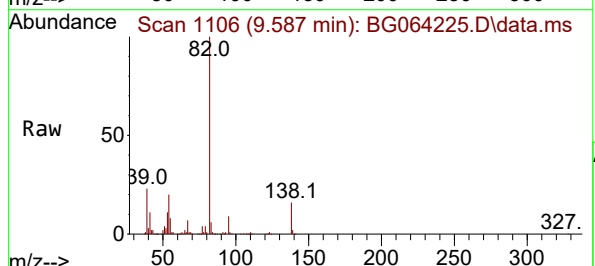
Manual Integrations
APPROVED

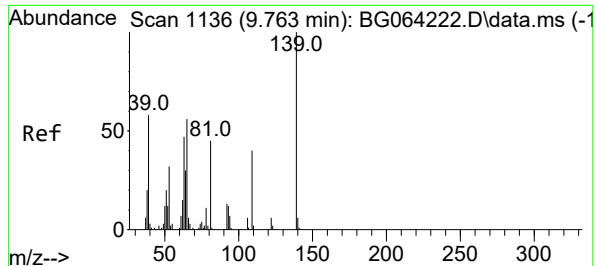
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#25
Isophorone
Concen: 77.734 ng
RT: 9.587 min Scan# 1106
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

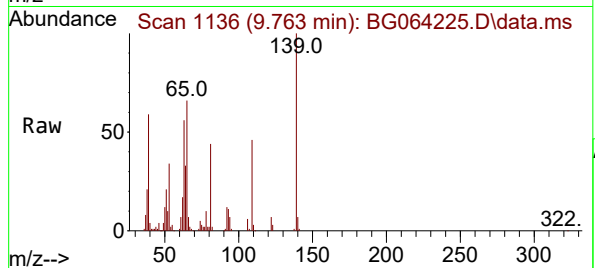
Tgt Ion: 82 Resp: 437415
Ion Ratio Lower Upper
82 100
95 9.4 7.9 11.9
138 16.3 13.0 19.4





#26
2-Nitrophenol
Concen: 84.539 ng
RT: 9.763 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

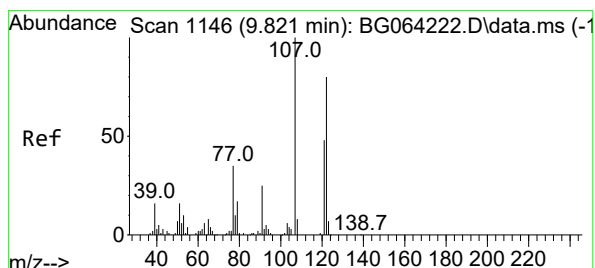
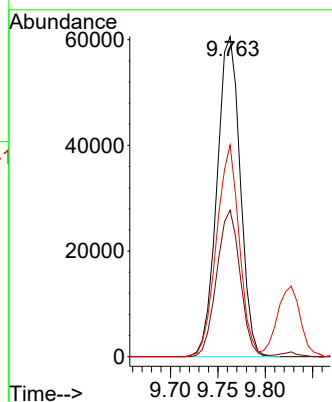
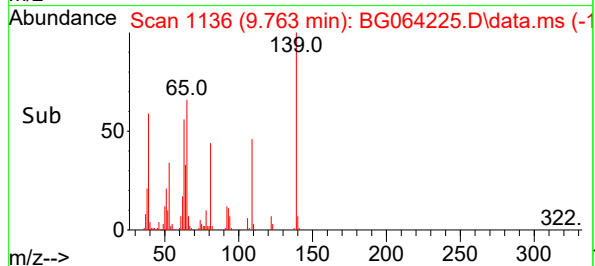
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:139 Resp: 103335
Ion Ratio Lower Upper
139 100
109 45.8 32.4 48.6
65 66.1 44.6 67.0

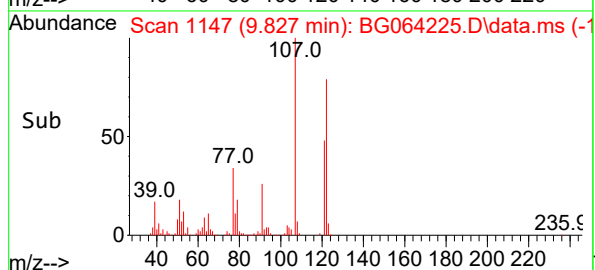
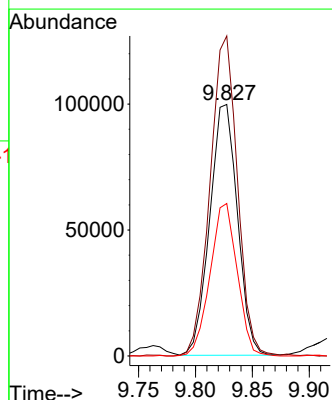
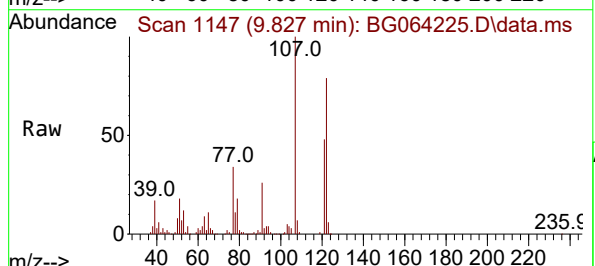
Manual Integrations
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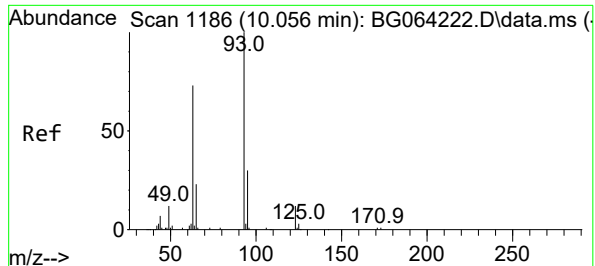
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#27
2,4-Dimethylphenol
Concen: 78.649 ng
RT: 9.827 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

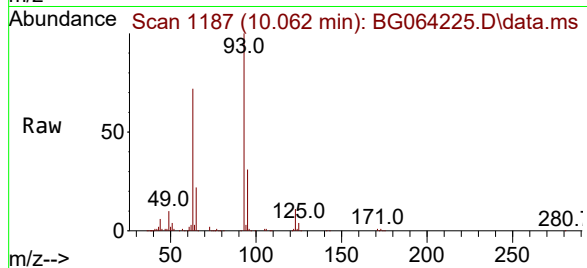
Tgt Ion:122 Resp: 168782
Ion Ratio Lower Upper
122 100
107 127.3 99.9 149.9
121 60.7 48.6 72.8





#28
bis(2-Chloroethoxy)methane
Concen: 77.887 ng
RT: 10.062 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

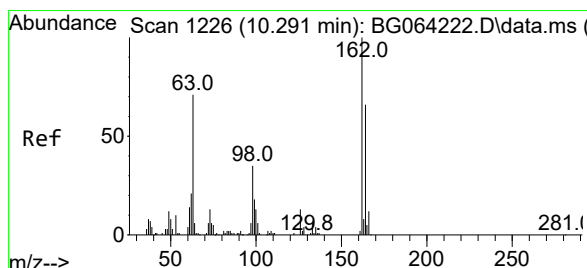
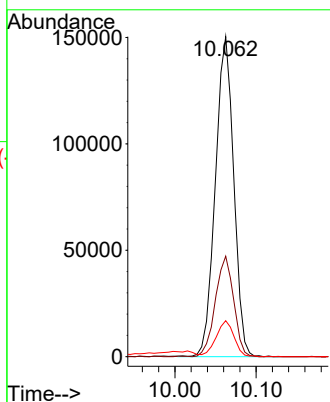
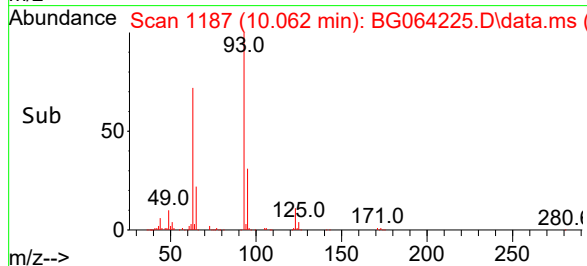
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



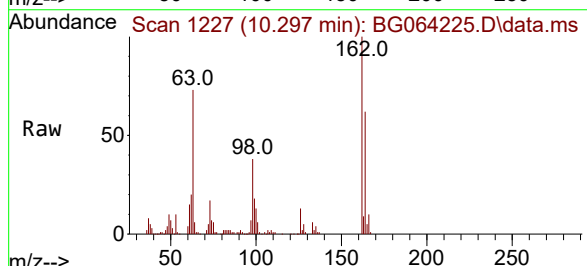
Tgt Ion: 93 Resp: 23632
Ion Ratio Lower Upper
93 100
95 31.4 23.9 35.9
123 11.3 9.6 14.4

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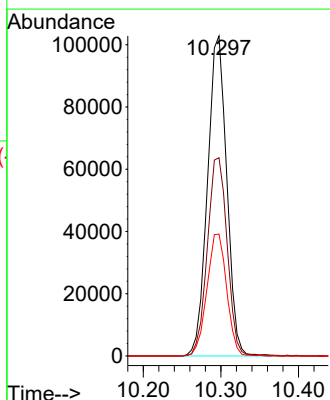
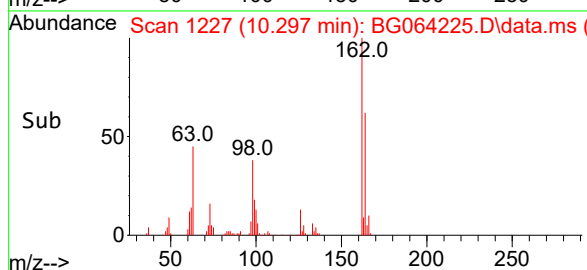
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

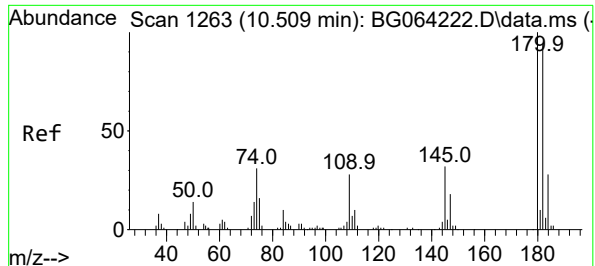


#29
2,4-Dichlorophenol
Concen: 78.397 ng
RT: 10.297 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16



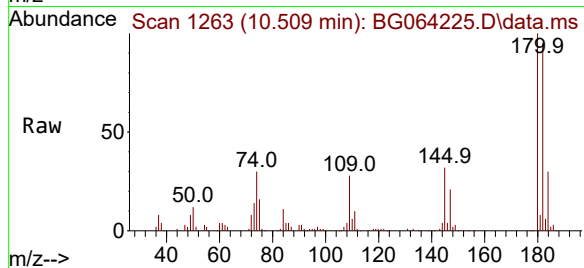
Tgt Ion:162 Resp: 177516
Ion Ratio Lower Upper
162 100
164 61.9 45.8 85.8
98 38.1 15.2 55.2





#30
1,2,4-Trichlorobenzene
Concen: 77.085 ng
RT: 10.509 min Scan# 1263
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

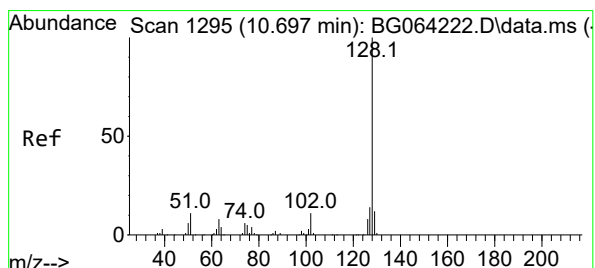
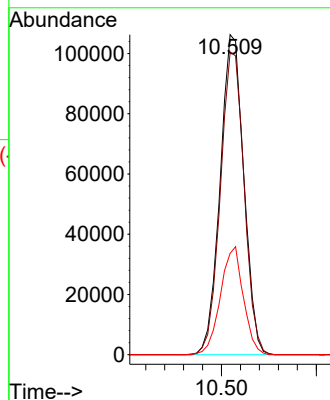
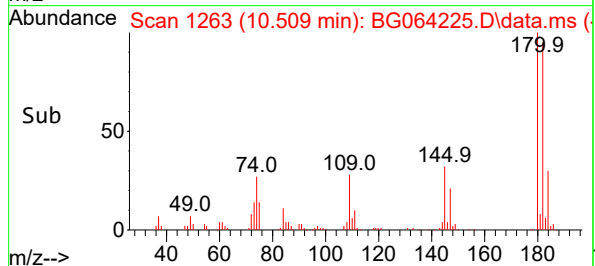
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:180 Resp: 184039
Ion Ratio Lower Upper
180 100
182 94.6 75.0 112.6
145 31.6 25.4 38.0

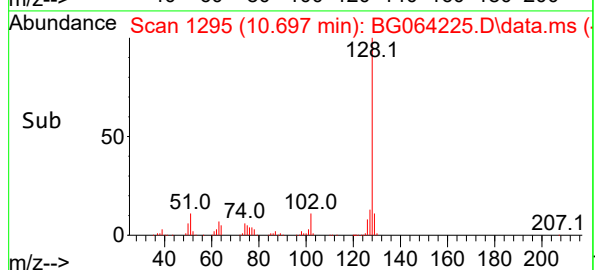
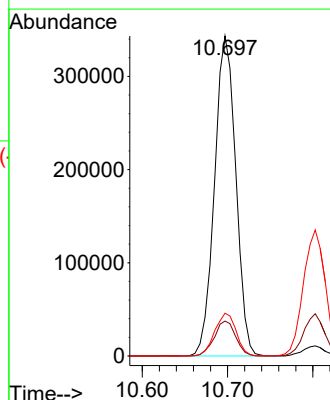
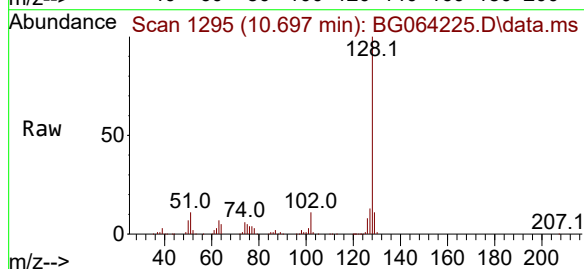
Manual Integrations
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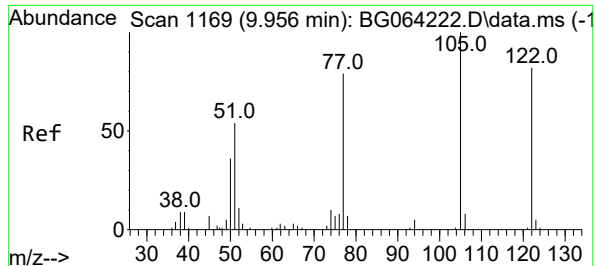
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#31
Naphthalene
Concen: 76.094 ng
RT: 10.697 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:128 Resp: 595827
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.2
127 13.4 10.9 16.3





#32

Benzoic acid

Concen: 86.767 ng m

RT: 10.015 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:122 Resp: 147808

Ion Ratio Lower Upper

122 100

105 117.3 98.5 138.5

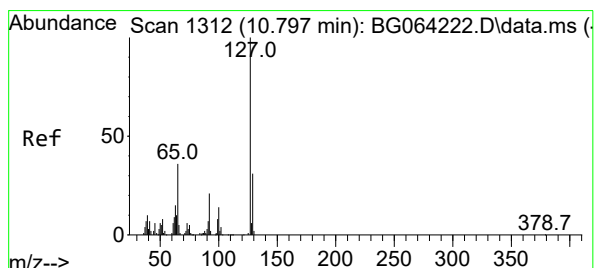
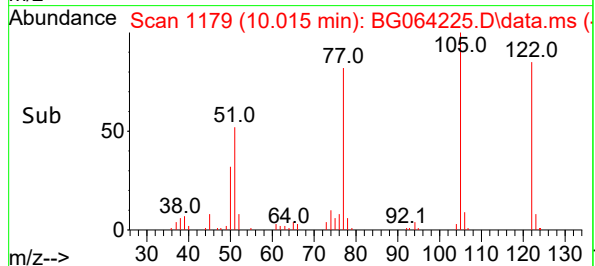
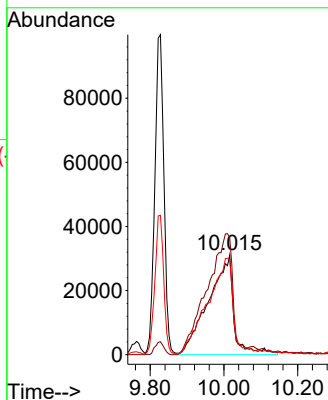
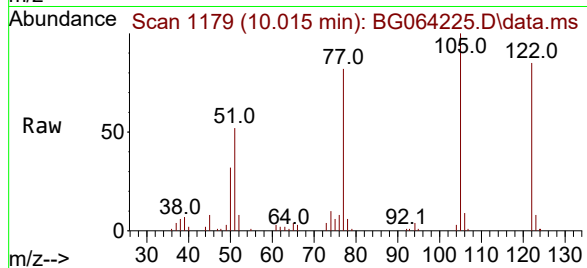
77 95.6 74.6 114.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#33

4-Chloroaniline

Concen: 79.915 ng

RT: 10.803 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

Tgt Ion:127 Resp: 242526

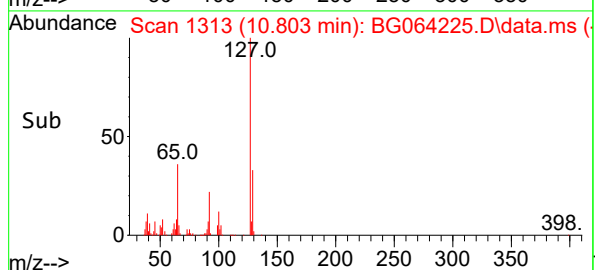
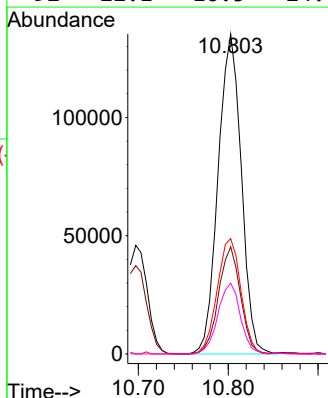
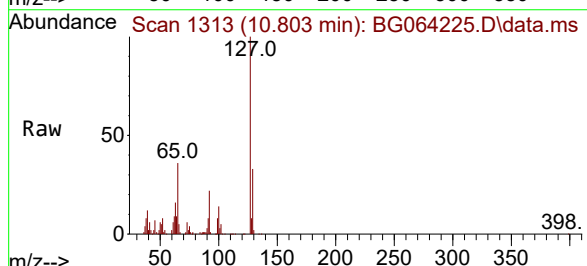
Ion Ratio Lower Upper

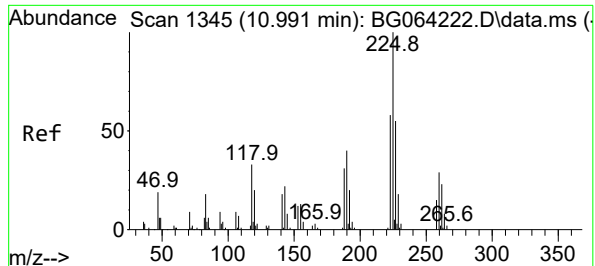
127 100

129 33.5 25.0 37.4

65 36.1 28.7 43.1

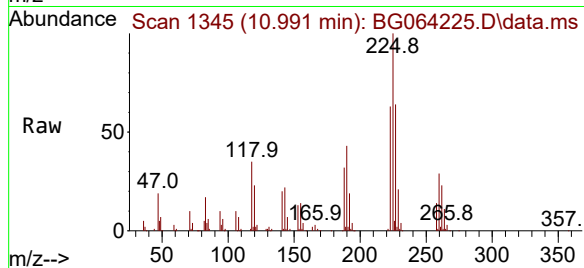
92 22.1 16.5 24.7





#34
Hexachlorobutadiene
Concen: 76.987 ng
RT: 10.991 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

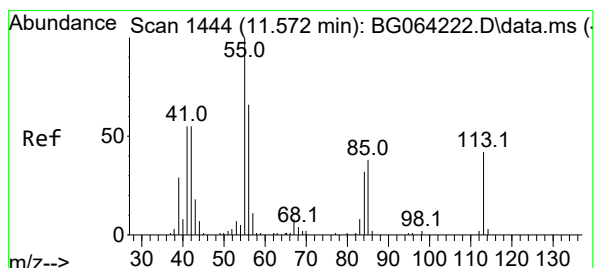
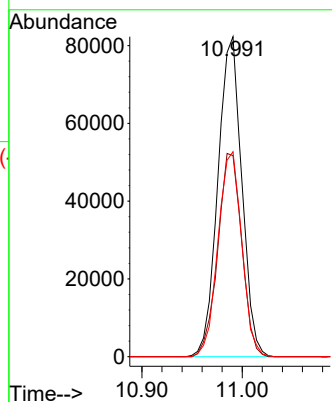
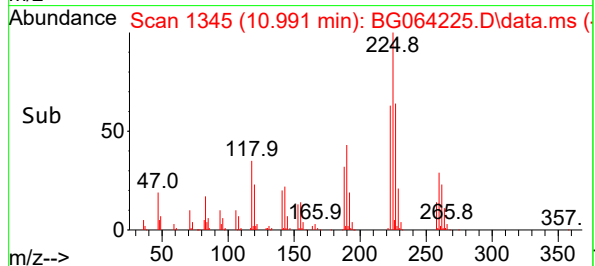
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:225 Resp: 13586
Ion Ratio Lower Upper
225 100
223 62.9 46.5 69.7
227 64.0 44.1 66.1

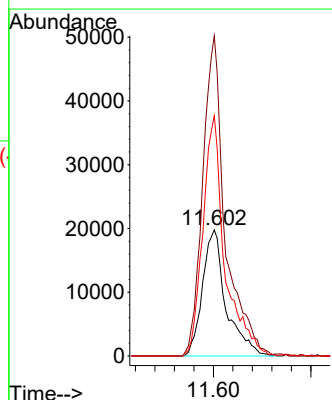
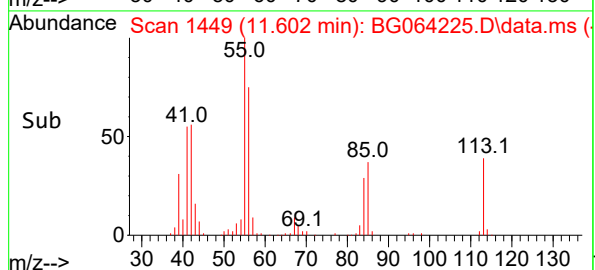
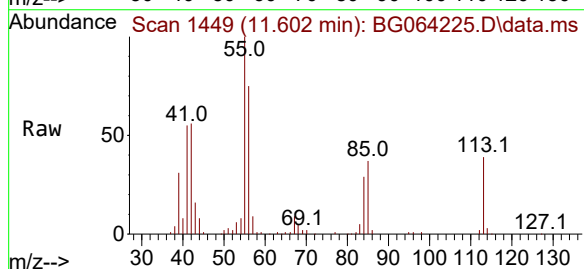
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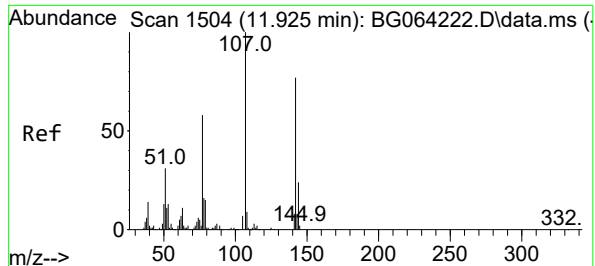
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#35
Caprolactam
Concen: 75.695 ng
RT: 11.602 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

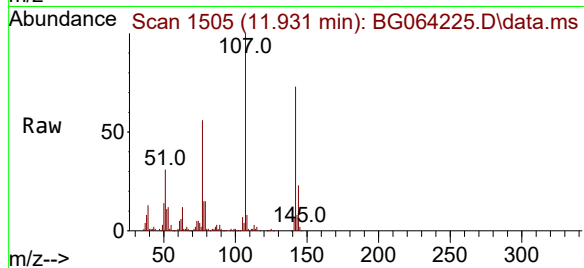
Tgt Ion:113 Resp: 66367
Ion Ratio Lower Upper
113 100
55 253.7 218.5 258.5
56 190.4 138.5 178.5#





#36
4-Chloro-3-methylphenol
Concen: 78.708 ng
RT: 11.931 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

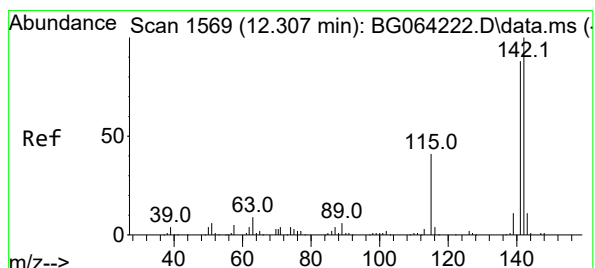
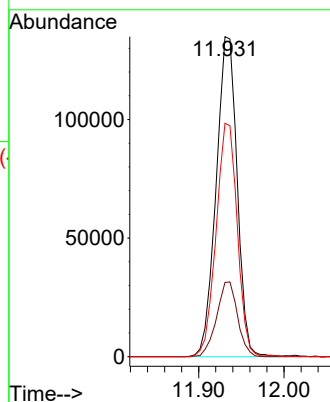
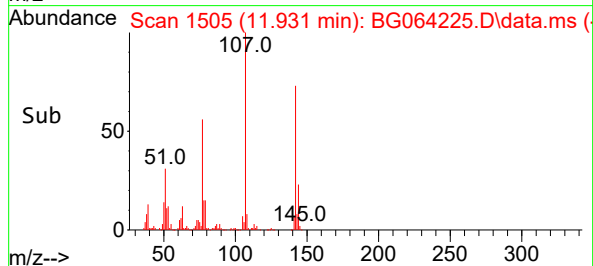
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:107 Resp: 231233
Ion Ratio Lower Upper
107 100
144 23.2 19.5 29.3
142 73.0 62.0 93.0

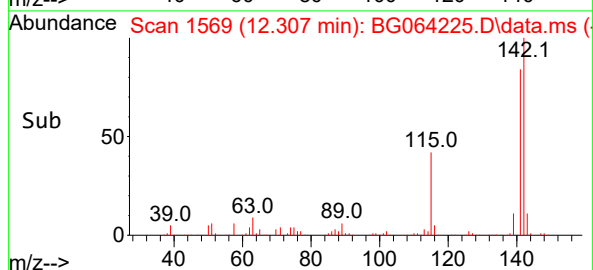
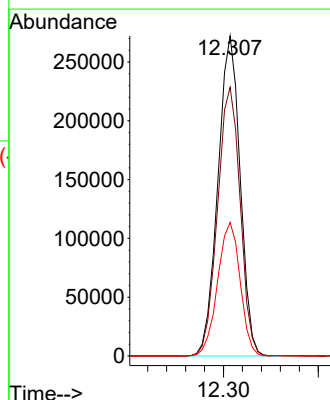
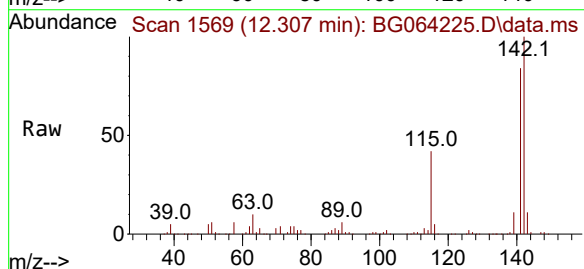
Manual Integrations
APPROVED

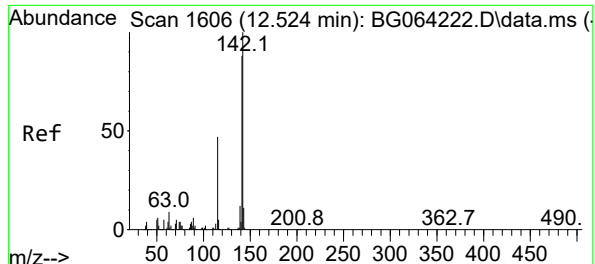
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#37
2-Methylnaphthalene
Concen: 76.128 ng
RT: 12.307 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:142 Resp: 443073
Ion Ratio Lower Upper
142 100
141 84.0 70.1 105.1
115 41.8 33.1 49.7





#38

1-Methylnaphthalene

Concen: 75.825 ng

RT: 12.524 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:142 Resp: 43589

Ion Ratio Lower Upper

142 100

141 83.9 70.3 105.5

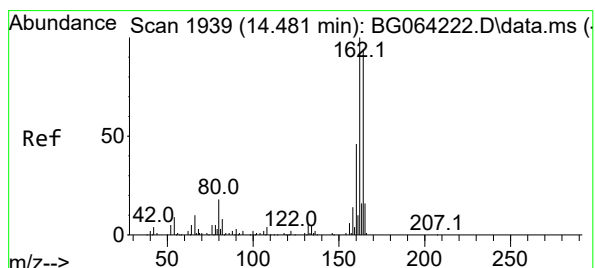
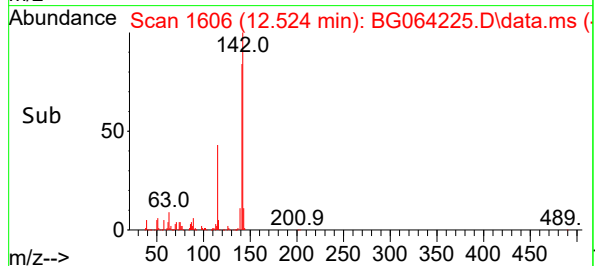
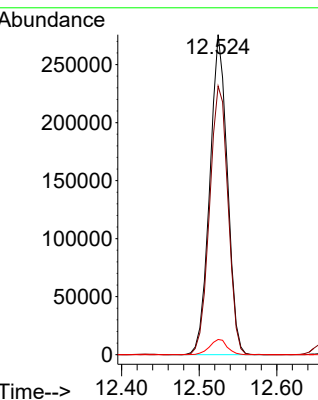
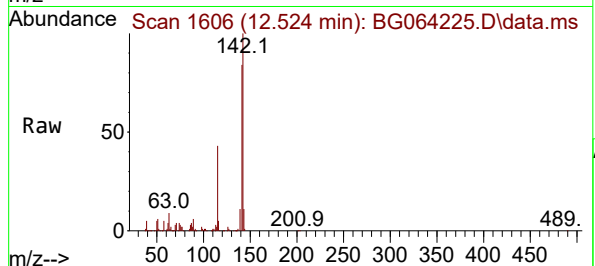
116 4.8 3.7 5.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.481 min Scan# 1939

Delta R.T. -0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

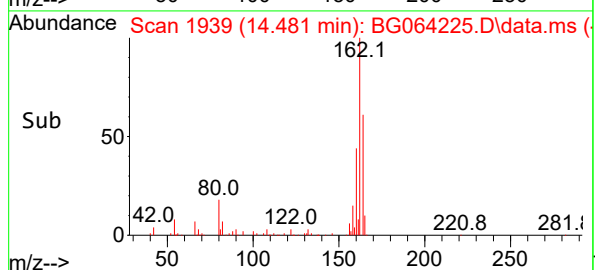
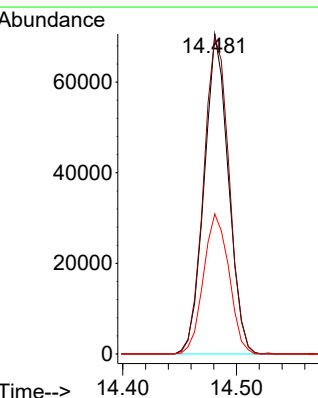
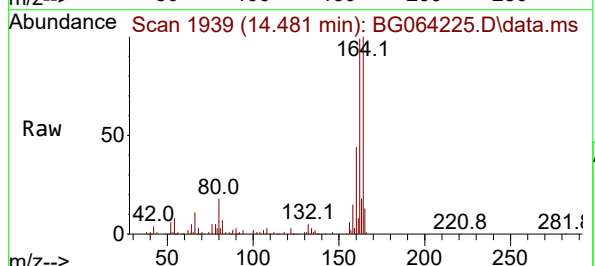
Tgt Ion:164 Resp: 104548

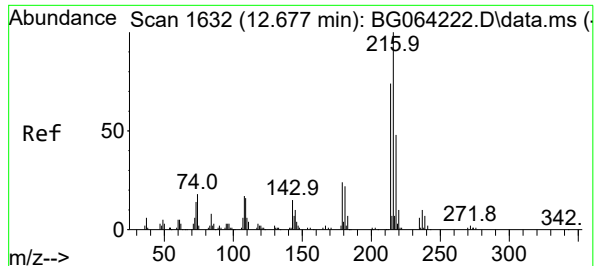
Ion Ratio Lower Upper

164 100

162 99.2 85.4 128.0

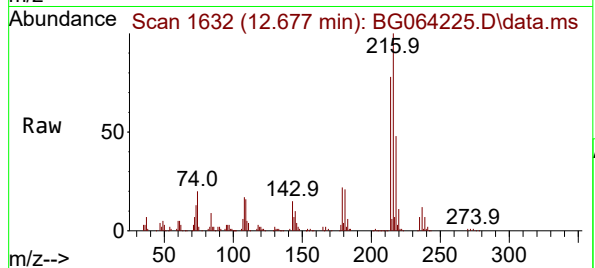
160 43.8 39.2 58.8





#40
1,2,4,5-Tetrachlorobenzene
Concen: 79.906 ng
RT: 12.677 min Scan# 1632
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

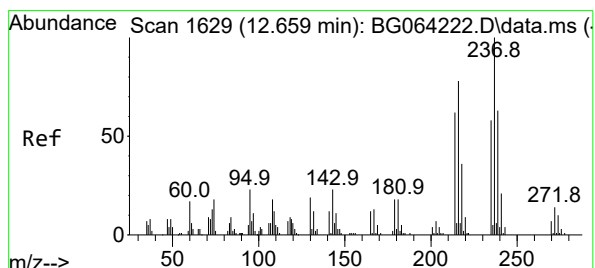
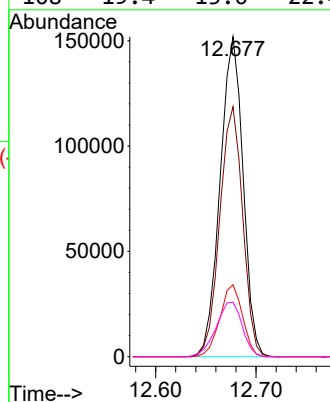
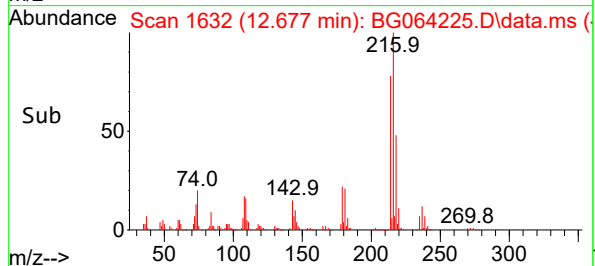
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



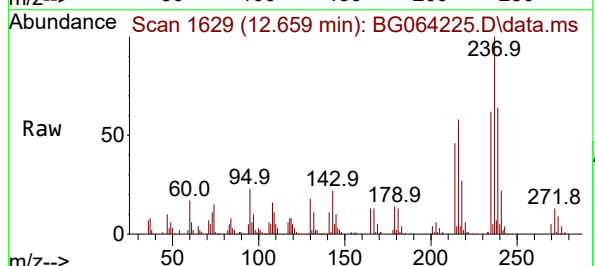
Tgt Ion:216 Resp: 241038
Ion Ratio Lower Upper
216 100
214 77.8 61.9 92.9
179 22.1 17.9 26.9
108 19.4 15.0 22.4

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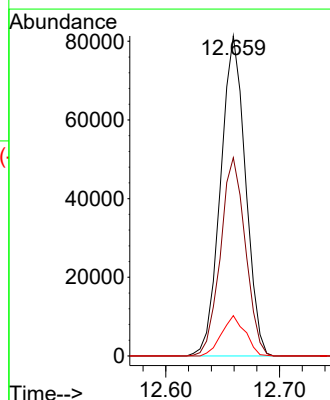
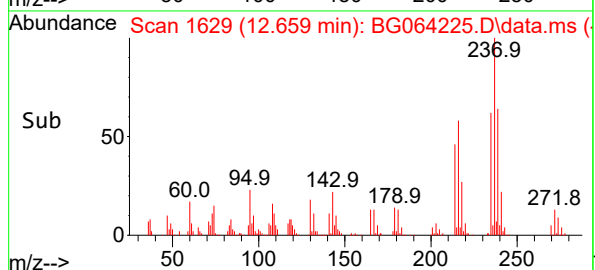
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

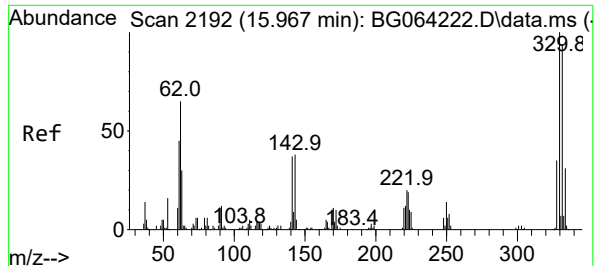


#41
Hexachlorocyclopentadiene
Concen: 86.438 ng
RT: 12.659 min Scan# 1629
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16



Tgt Ion:237 Resp: 123923
Ion Ratio Lower Upper
237 100
235 62.0 37.9 77.9
272 12.6 0.0 33.8





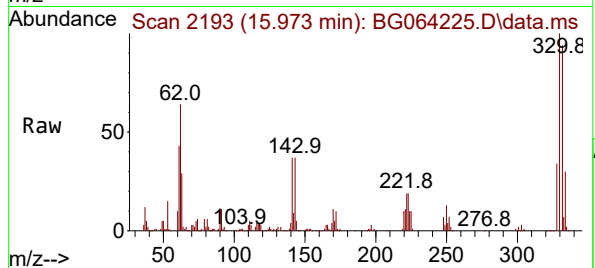
#42
2,4,6-Tribromophenol
Concen: 152.168 ng
RT: 15.973 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

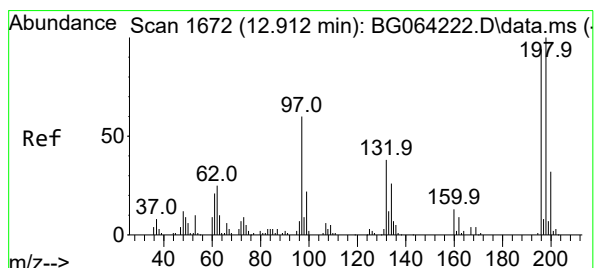
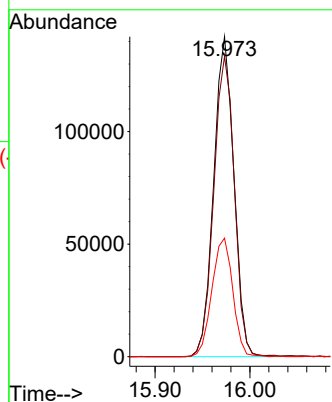
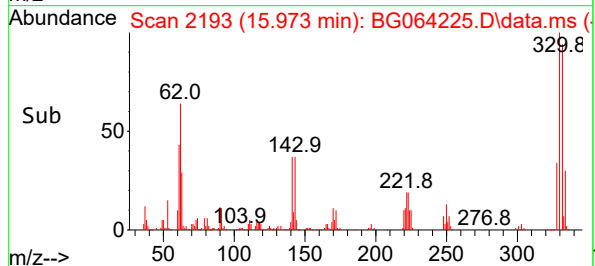


Tgt Ion:330 Resp: 210720
Ion Ratio Lower Upper
330 100
332 95.8 77.6 116.4
141 38.3 29.8 44.6

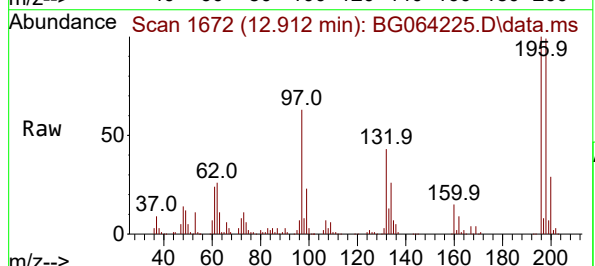
Manual Integrations

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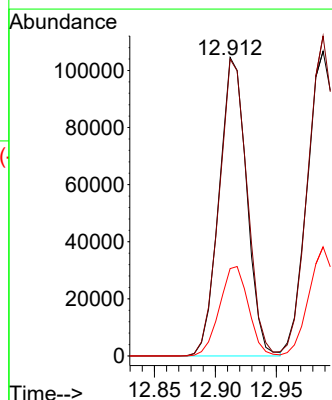
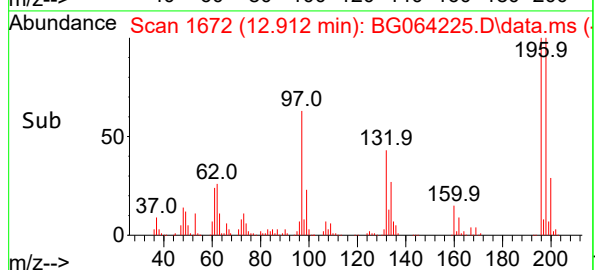
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

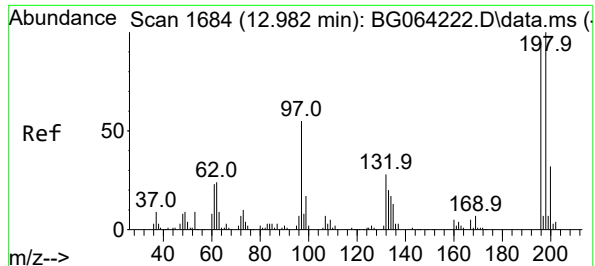


#43
2,4,6-Trichlorophenol
Concen: 81.670 ng
RT: 12.912 min Scan# 1672
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16



Tgt Ion:196 Resp: 164665
Ion Ratio Lower Upper
196 100
198 99.4 85.4 128.2
200 29.2 27.3 40.9





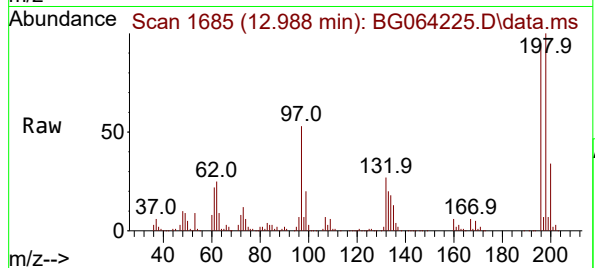
#44
2,4,5-Trichlorophenol
Concen: 80.969 ng
RT: 12.988 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

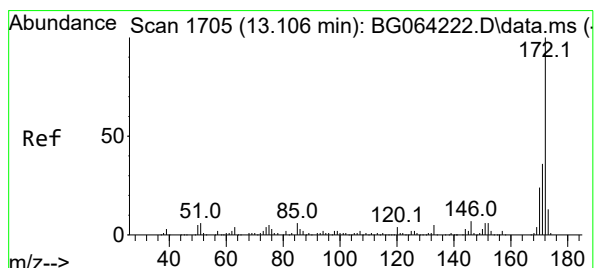
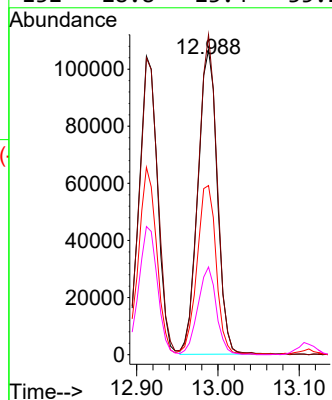
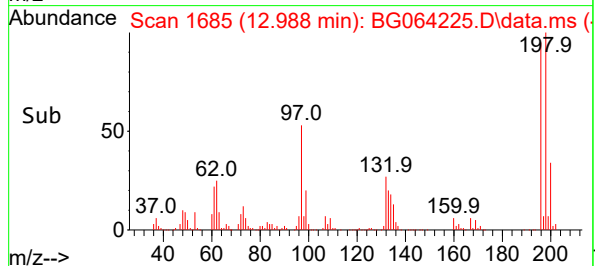


Tgt Ion:196 Resp: 177089
Ion Ratio Lower Upper
196 100
198 105.0 84.5 126.7
97 55.5 46.8 70.2
132 28.8 23.4 35.2

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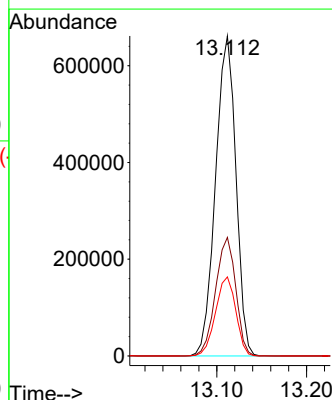
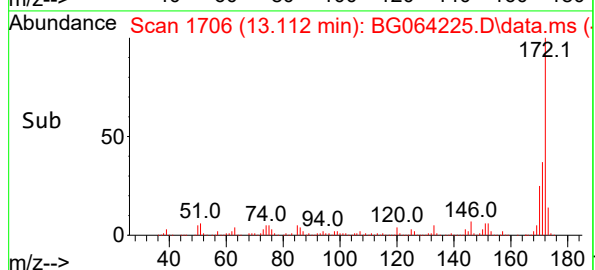
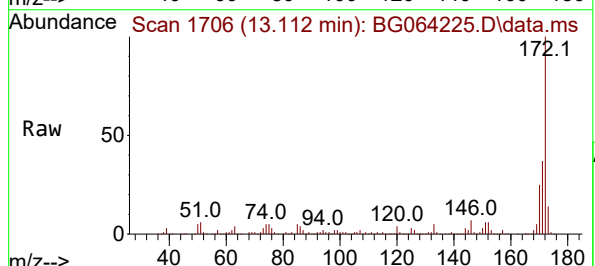
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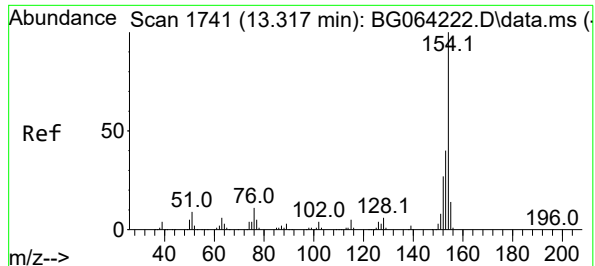
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#45
2-Fluorobiphenyl
Concen: 151.875 ng
RT: 13.112 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

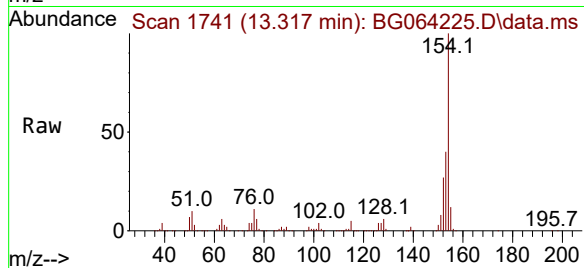
Tgt Ion:172 Resp: 1040275
Ion Ratio Lower Upper
172 100
171 37.1 28.7 43.1
170 24.7 19.0 28.6





#46
1,1'-Biphenyl
Concen: 78.203 ng
RT: 13.317 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

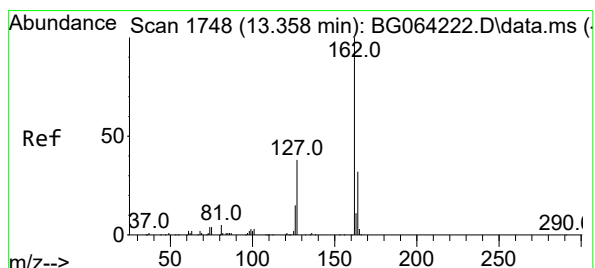
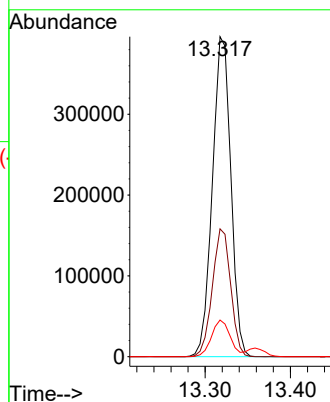
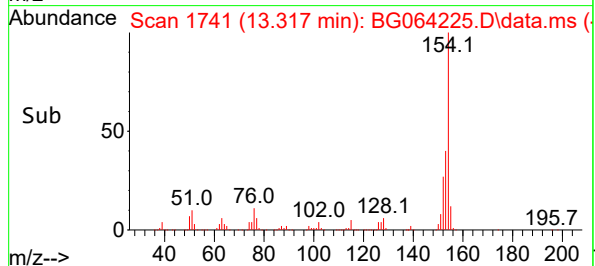
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



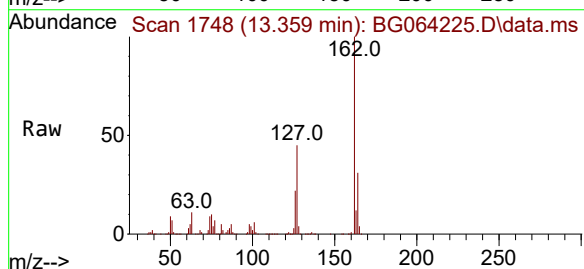
Tgt Ion:154 Resp: 595490
Ion Ratio Lower Upper
154 100
153 40.0 19.9 59.9
76 11.4 0.0 30.9

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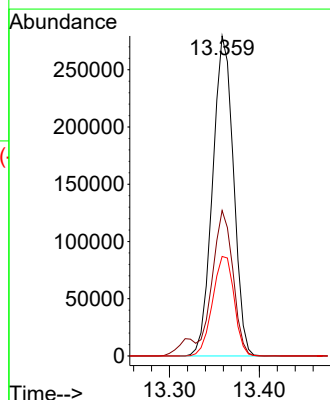
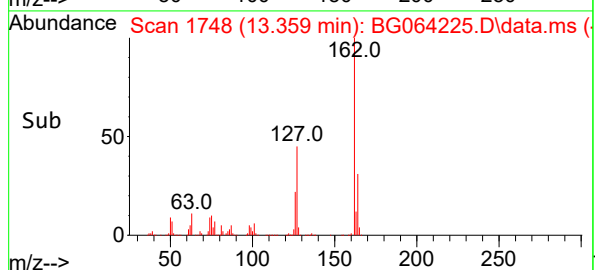
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

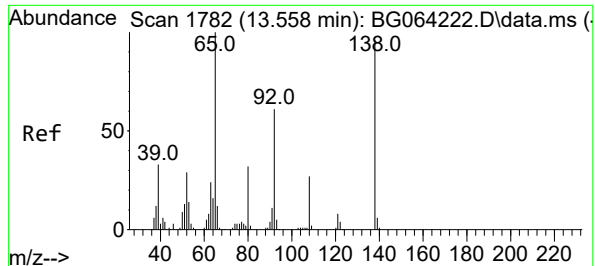


#47
2-Chloronaphthalene
Concen: 78.784 ng
RT: 13.359 min Scan# 1748
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16



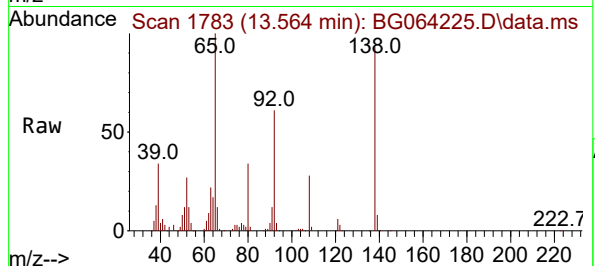
Tgt Ion:162 Resp: 451011
Ion Ratio Lower Upper
162 100
127 45.5 33.9 50.9
164 31.1 25.4 38.2





#48
2-Nitroaniline
Concen: 85.067 ng
RT: 13.564 min Scan# 1782
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

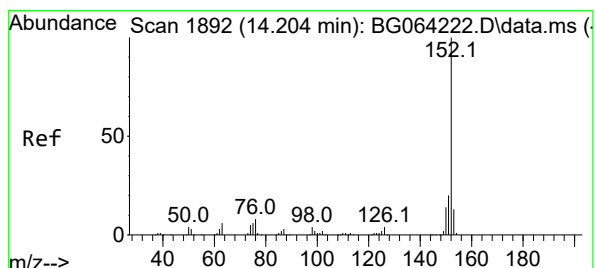
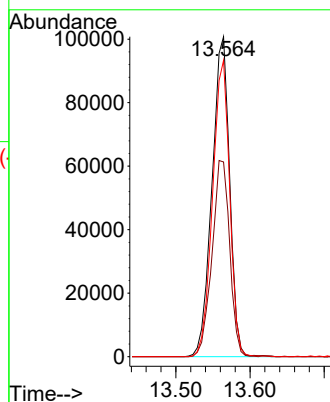
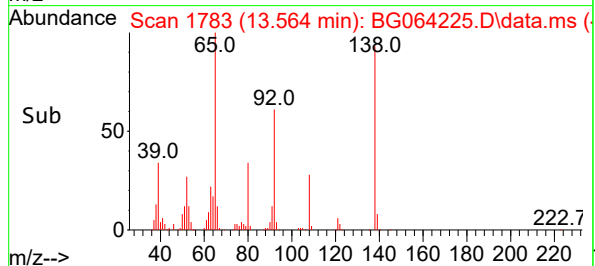
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



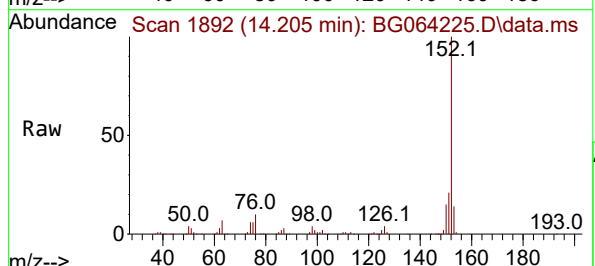
Tgt Ion: 65 Resp: 16598
Ion Ratio Lower Upper
65 100
92 60.8 49.2 73.8
138 92.6 76.8 115.2

Manual Integrations
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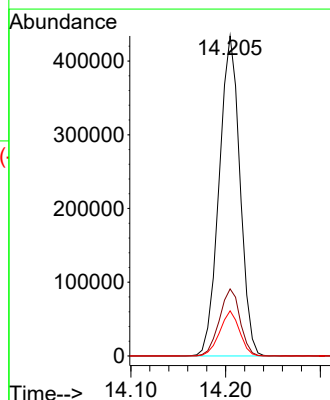
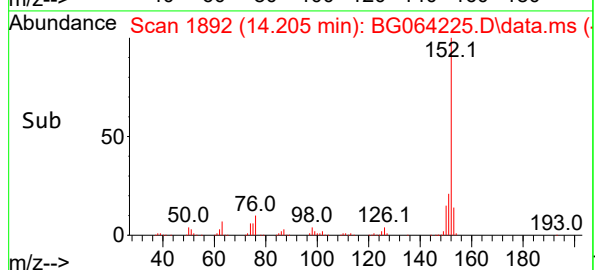
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

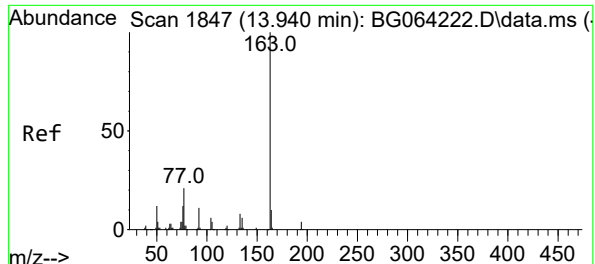


#49
Acenaphthylene
Concen: 78.084 ng
RT: 14.205 min Scan# 1892
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16



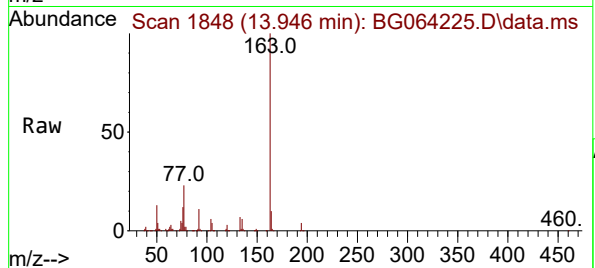
Tgt Ion:152 Resp: 660780
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.2
153 14.1 10.1 15.1





#50
Dimethylphthalate
Concen: 74.892 ng
RT: 13.946 min Scan# 1847
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

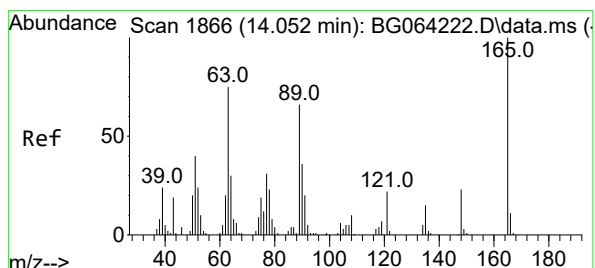
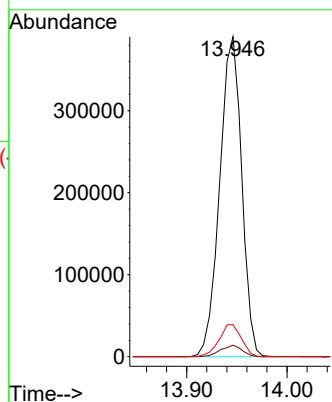
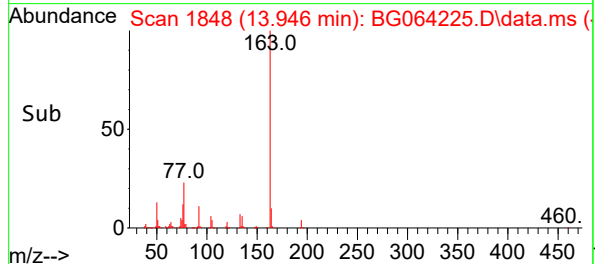
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:163 Resp: 59265
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.0 7.9 11.9

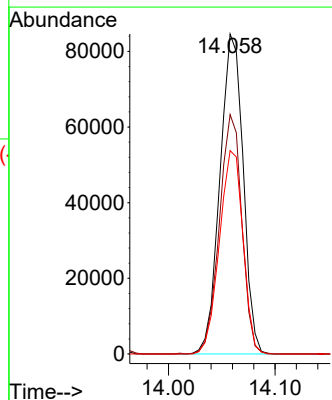
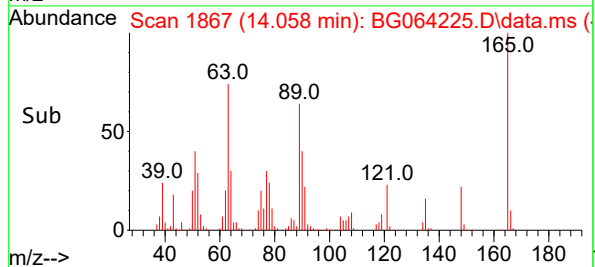
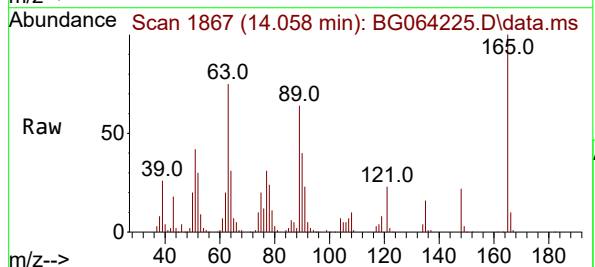
Manual Integrations
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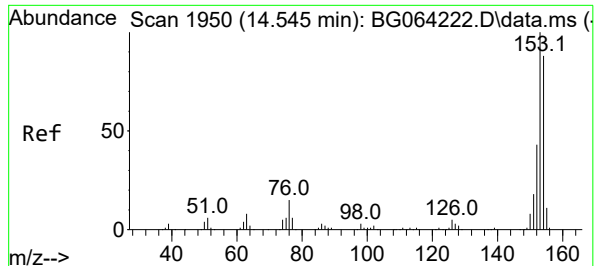
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#51
2,6-Dinitrotoluene
Concen: 83.231 ng
RT: 14.058 min Scan# 1867
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

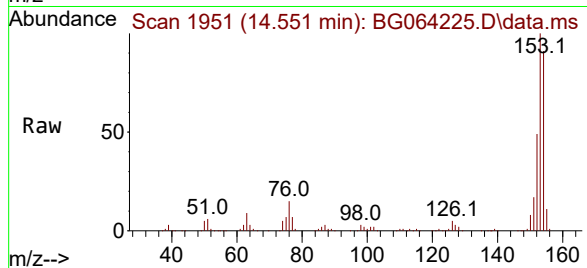
Tgt Ion:165 Resp: 127509
Ion Ratio Lower Upper
165 100
63 74.8 60.3 90.5
89 63.5 52.9 79.3





#52
Acenaphthene
Concen: 76.655 ng
RT: 14.551 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

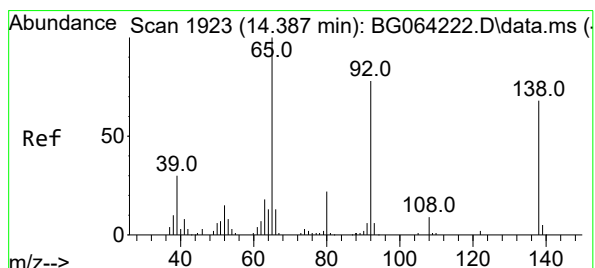
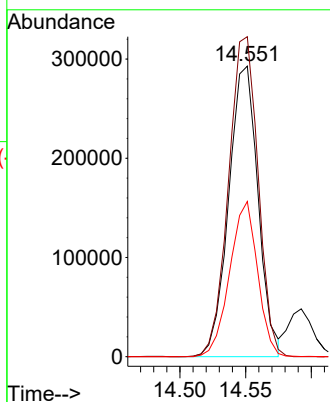
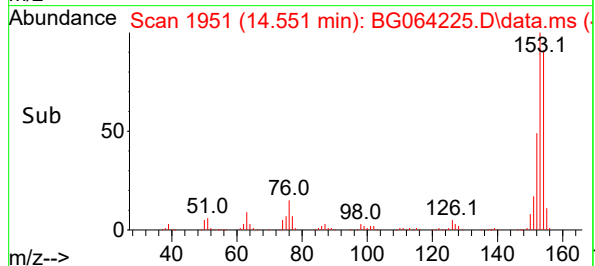
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:154 Resp: 45778
Ion Ratio Lower Upper
154 100
153 110.1 91.1 136.7
152 53.4 39.6 59.4

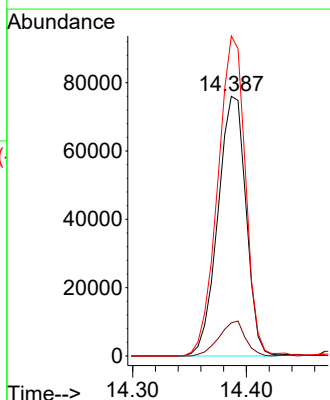
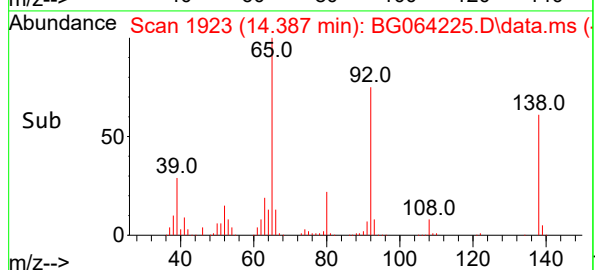
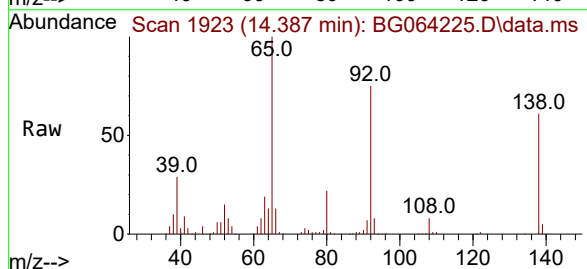
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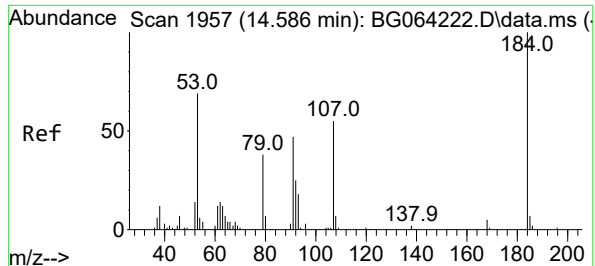
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#53
3-Nitroaniline
Concen: 81.316 ng
RT: 14.387 min Scan# 1923
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:138 Resp: 130491
Ion Ratio Lower Upper
138 100
108 12.8 11.0 16.6
92 123.2 91.4 137.0





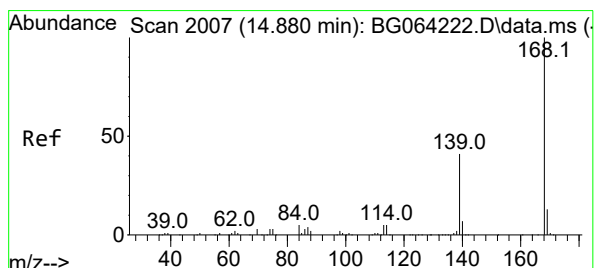
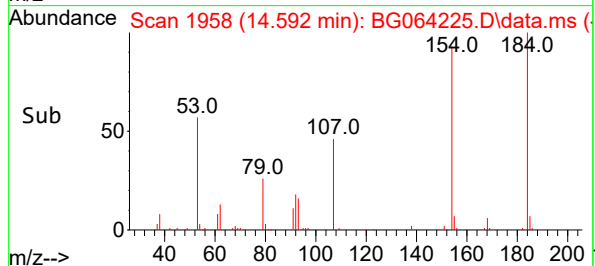
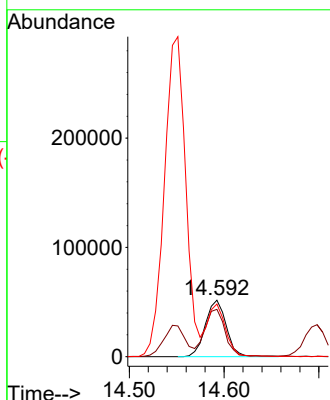
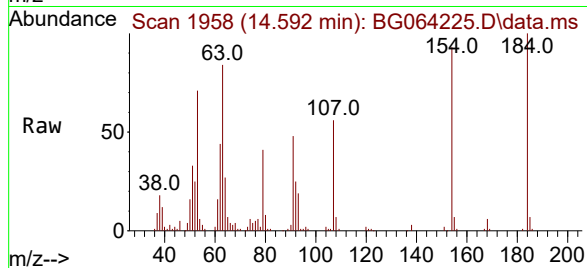
#54
2,4-Dinitrophenol
Concen: 79.247 ng
RT: 14.592 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:184 Resp: 7926
Ion Ratio Lower Upper
184 100
63 83.8 60.1 90.1
154 93.2 59.8 89.8

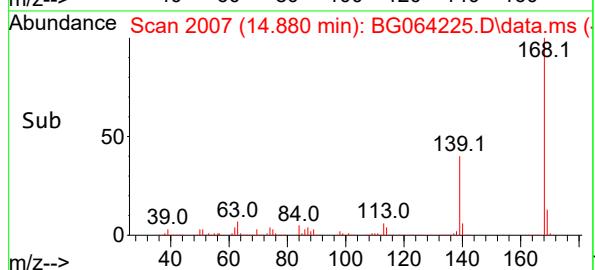
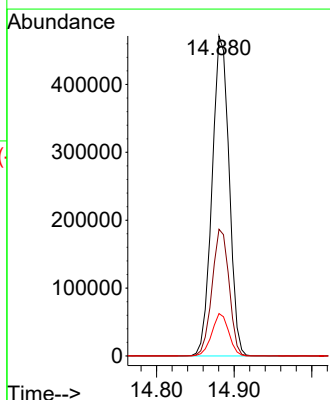
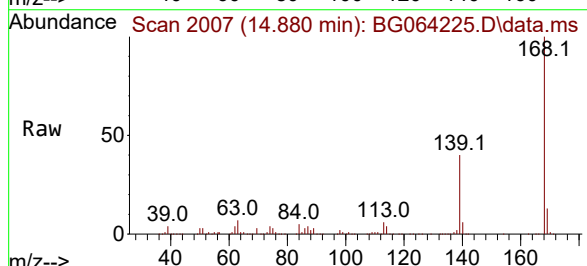
Manual Integrations
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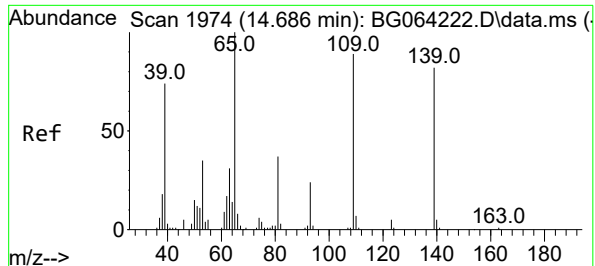
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#55
Dibenzofuran
Concen: 76.654 ng
RT: 14.880 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

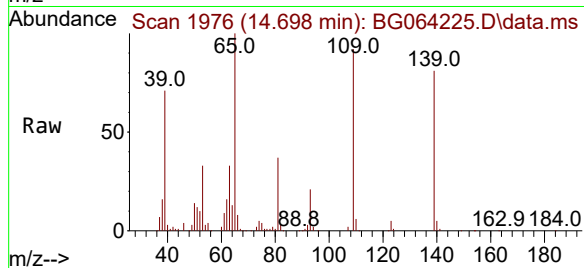
Tgt Ion:168 Resp: 720048
Ion Ratio Lower Upper
168 100
139 39.6 33.2 49.8
169 13.2 10.4 15.6





#56
4-Nitrophenol
Concen: 83.646 ng
RT: 14.698 min Scan# 1976
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

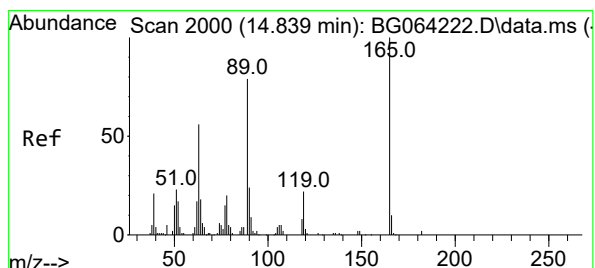
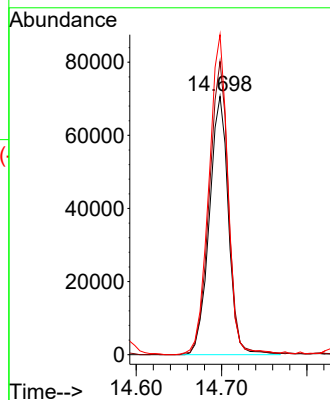
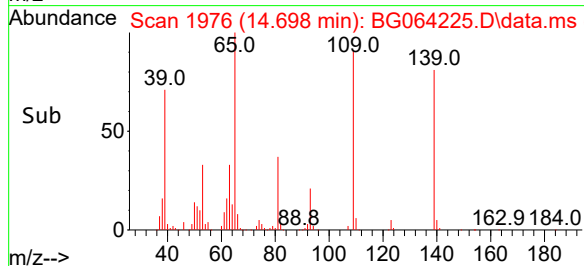
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:139 Resp: 110109
Ion Ratio Lower Upper
139 100
109 113.5 89.1 129.1
65 123.8 102.9 142.9

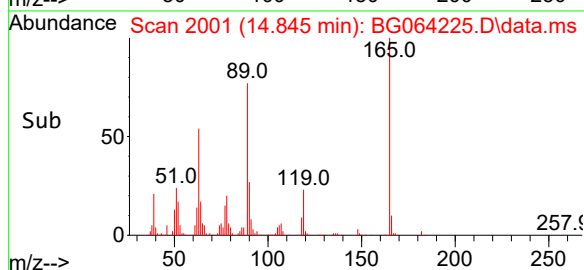
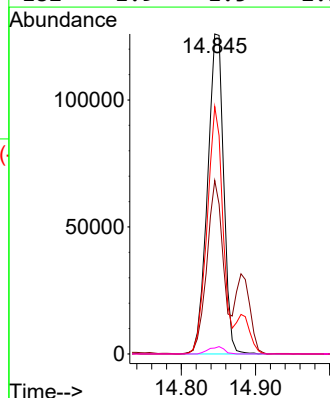
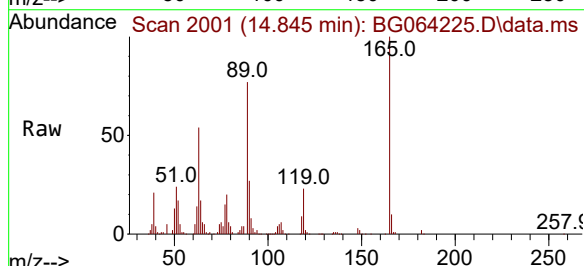
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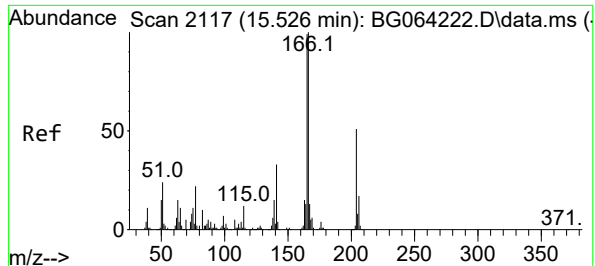
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#57
2,4-Dinitrotoluene
Concen: 82.112 ng
RT: 14.845 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

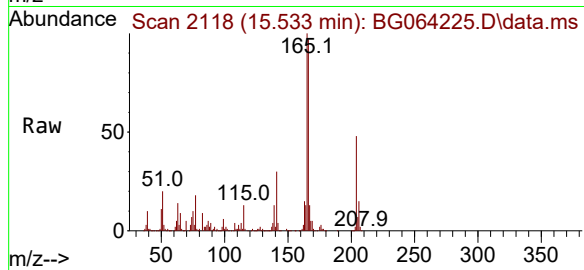
Tgt Ion:165 Resp: 190202
Ion Ratio Lower Upper
165 100
63 54.2 44.6 67.0
89 77.3 63.0 94.4
182 1.9 1.5 2.3





#58
Fluorene
Concen: 74.567 ng
RT: 15.533 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

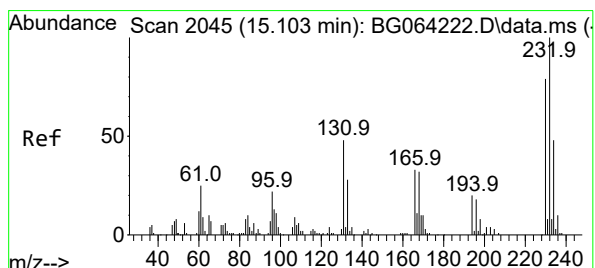
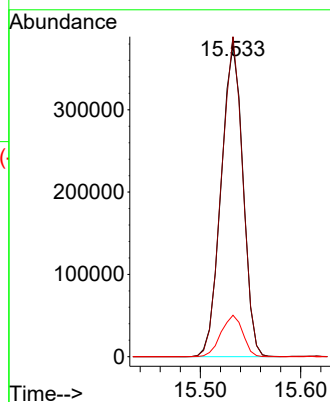
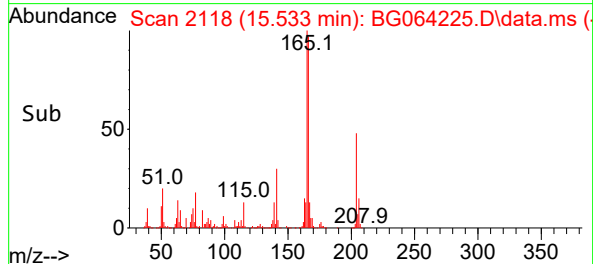
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:166 Resp: 574100
Ion Ratio Lower Upper
166 100
165 102.9 79.1 118.7
167 13.3 10.2 15.4

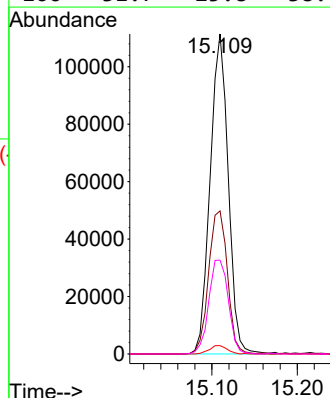
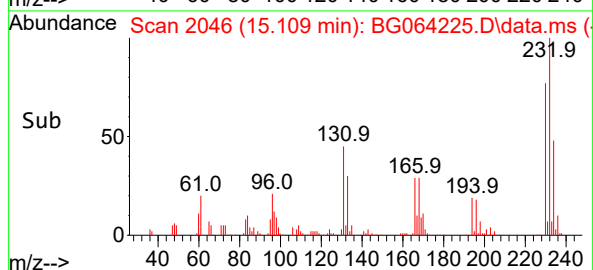
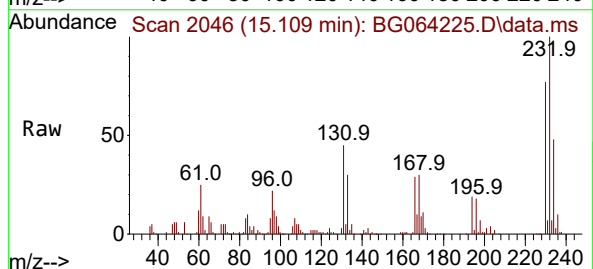
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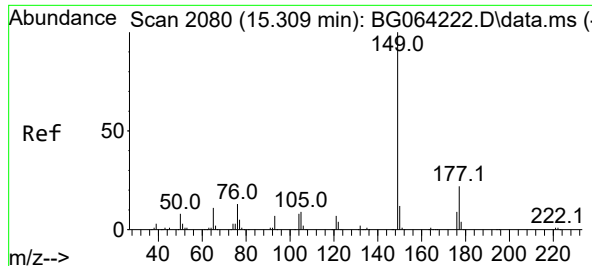
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#59
2,3,4,6-Tetrachlorophenol
Concen: 78.076 ng
RT: 15.109 min Scan# 2046
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

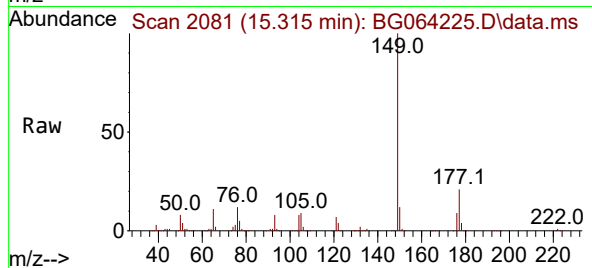
Tgt Ion:232 Resp: 164241
Ion Ratio Lower Upper
232 100
131 46.6 37.1 55.7
130 2.6 2.6 3.8
166 31.7 25.8 38.6





#60
Diethylphthalate
Concen: 74.841 ng
RT: 15.315 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

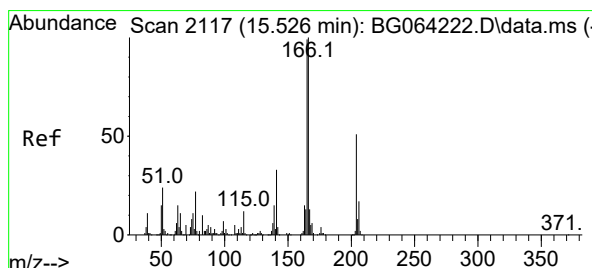
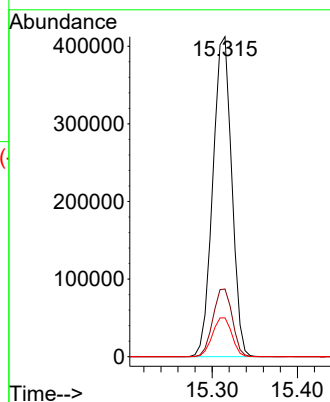
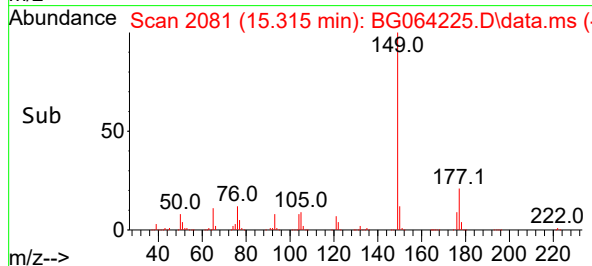
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:149 Resp: 63383
Ion Ratio Lower Upper
149 100
177 21.2 17.5 26.3
150 12.2 9.9 14.9

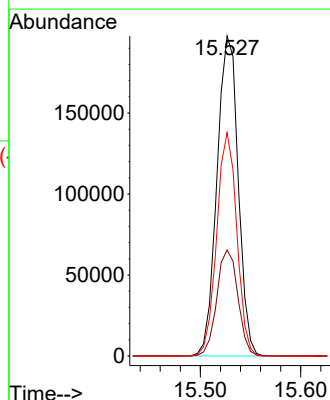
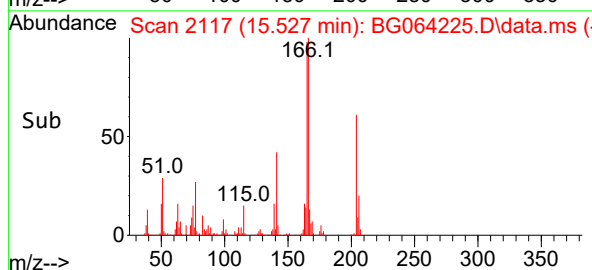
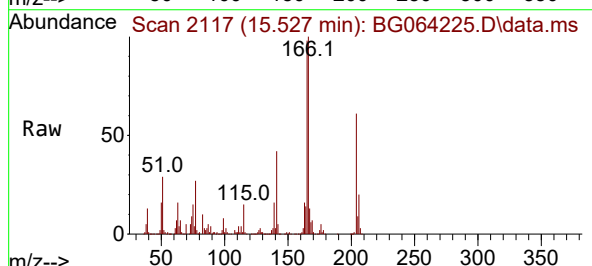
Manual Integrations
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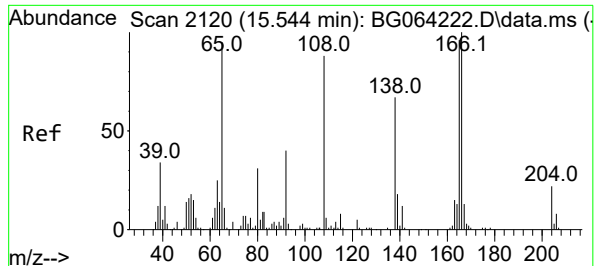
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#61
4-Chlorophenyl-phenylether
Concen: 75.511 ng
RT: 15.527 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

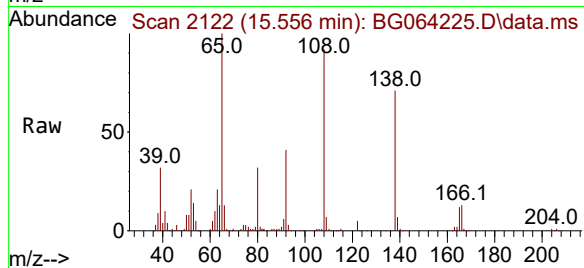
Tgt Ion:204 Resp: 289860
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.4
141 69.8 51.9 77.9





#62
4-Nitroaniline
Concen: 83.062 ng
RT: 15.556 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

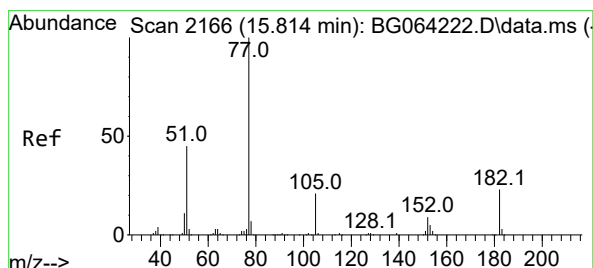
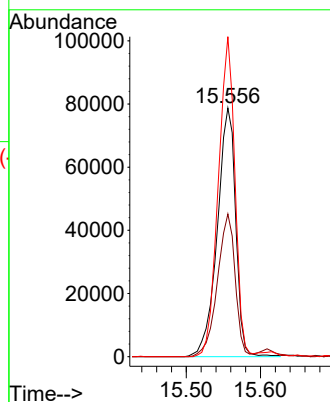
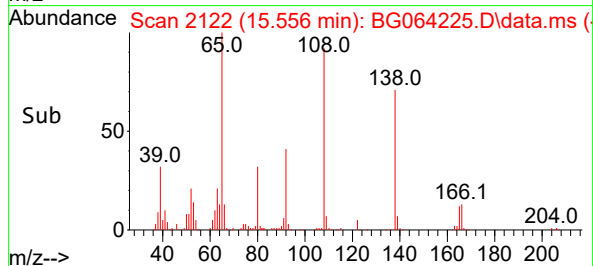
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:138 Resp: 136014
Ion Ratio Lower Upper
138 100
92 57.4 39.1 79.1
108 128.7 111.3 151.3

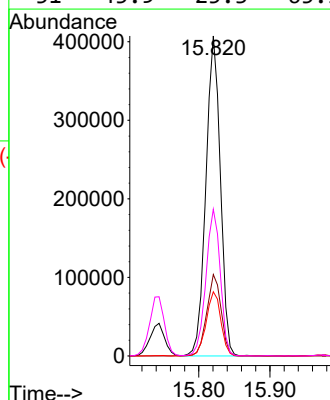
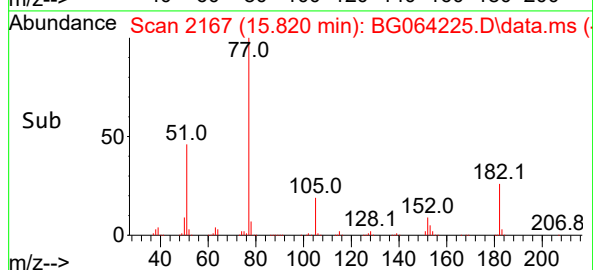
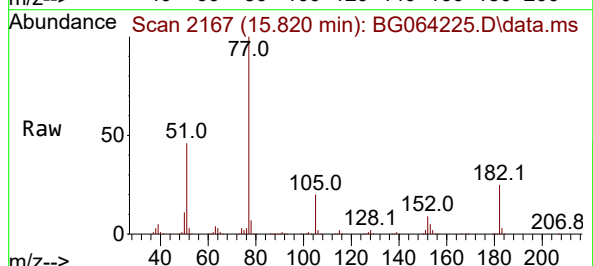
Manual Integrations
APPROVED

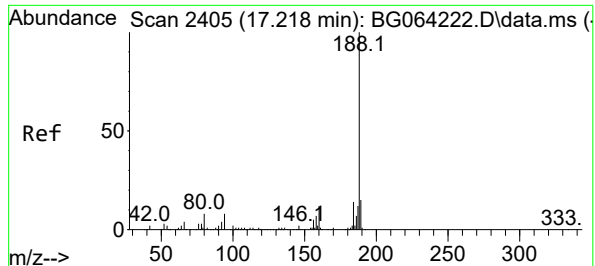
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#63
Azobenzene
Concen: 76.529 ng
RT: 15.820 min Scan# 2167
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

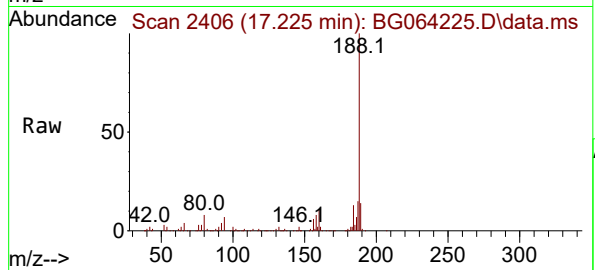
Tgt Ion: 77 Resp: 577669
Ion Ratio Lower Upper
77 100
182 25.4 3.3 43.3
105 20.1 0.6 40.6
51 45.9 25.3 65.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.225 min Scan# 2405
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

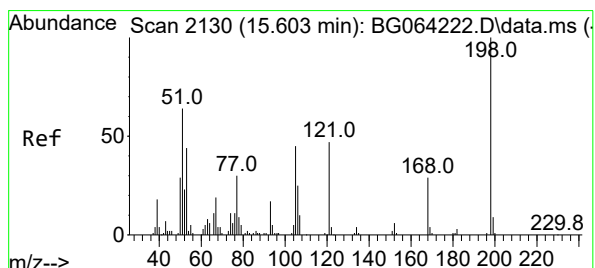
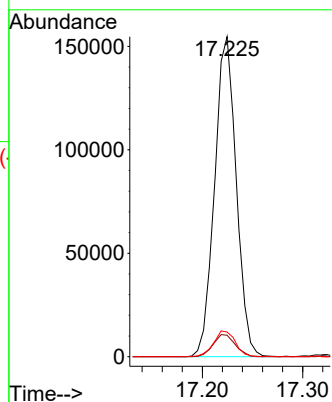
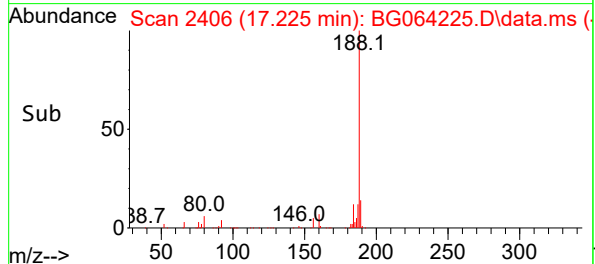
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



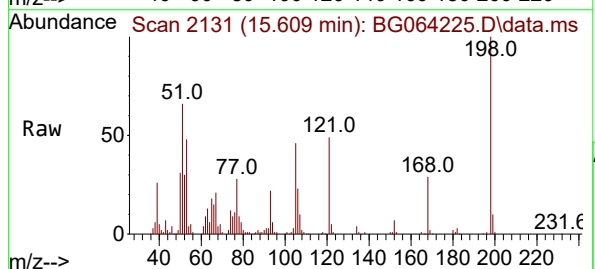
Tgt Ion:188 Resp: 231385
Ion Ratio Lower Upper
188 100
94 6.7 6.2 9.4
80 7.7 6.8 10.2

Manual Integrations
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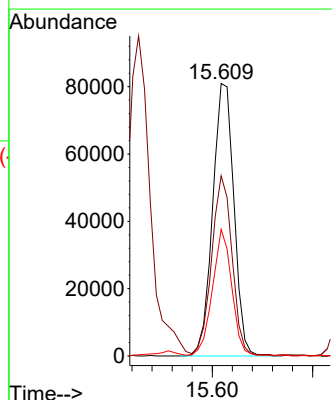
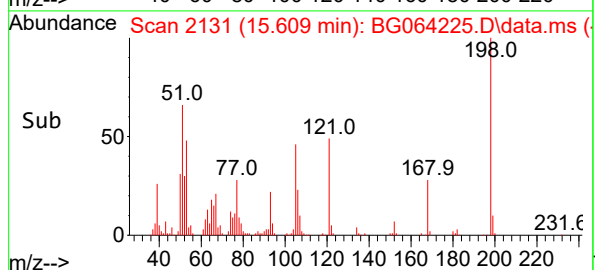
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

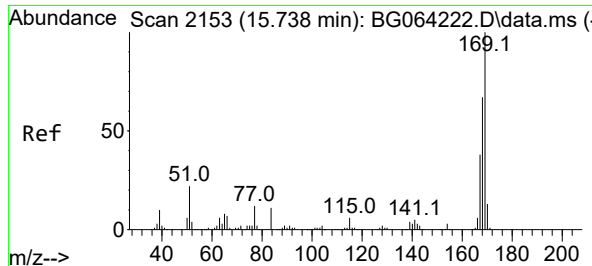


#65
4,6-Dinitro-2-methylphenol
Concen: 89.493 ng
RT: 15.609 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16



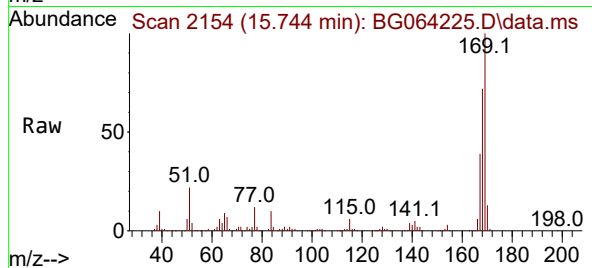
Tgt Ion:198 Resp: 118887
Ion Ratio Lower Upper
198 100
51 66.1 46.2 86.2
105 46.5 25.0 65.0





#66
 n-Nitrosodiphenylamine
 Concen: 78.764 ng
 RT: 15.744 min Scan# 2153
 Delta R.T. 0.000 min
 Lab File: BG064225.D
 Acq: 28 Aug 2025 16:16

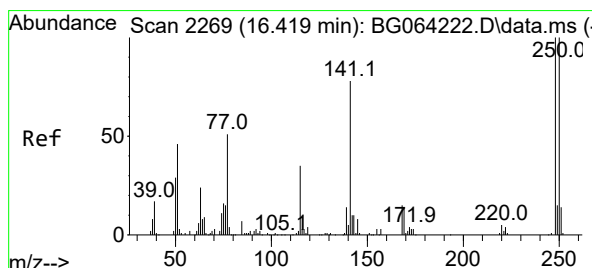
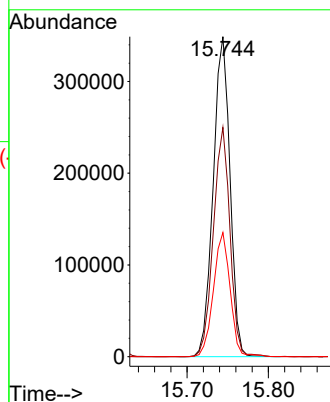
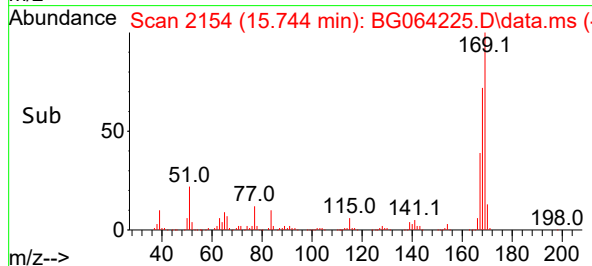
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080



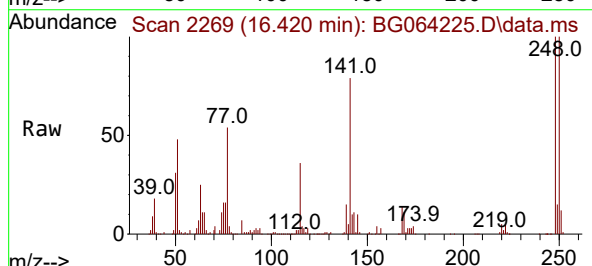
Tgt Ion:169 Resp: 501350
 Ion Ratio Lower Upper
 169 100
 168 71.6 53.8 80.8
 167 38.8 30.2 45.2

Manual Integrations
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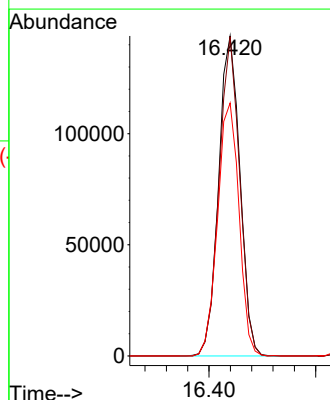
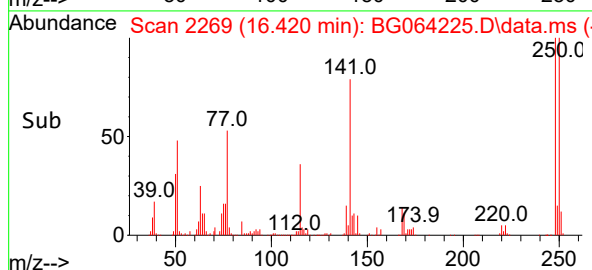
Reviewed By :Rahul Chavli 08/29/2025
 Supervised By :Jagrut Upadhyay 08/29/2025

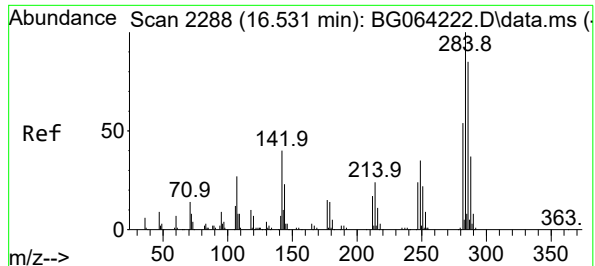


#67
 4-Bromophenyl-phenylether
 Concen: 81.188 ng
 RT: 16.420 min Scan# 2269
 Delta R.T. 0.000 min
 Lab File: BG064225.D
 Acq: 28 Aug 2025 16:16



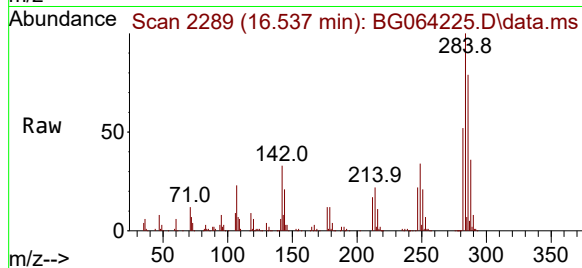
Tgt Ion:248 Resp: 199527
 Ion Ratio Lower Upper
 248 100
 250 99.8 80.2 120.4
 141 79.1 62.4 93.6





#68
Hexachlorobenzene
Concen: 79.601 ng
RT: 16.537 min Scan# 217240
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

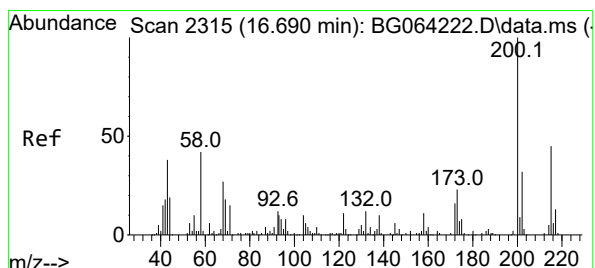
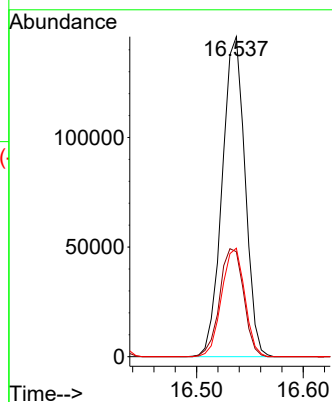
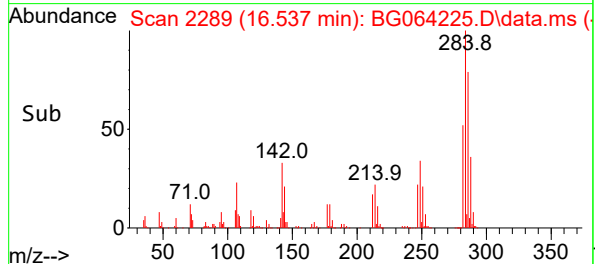
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:284 Resp: 217240
Ion Ratio Lower Upper
284 100
142 32.8 32.1 48.1
249 33.9 28.3 42.5

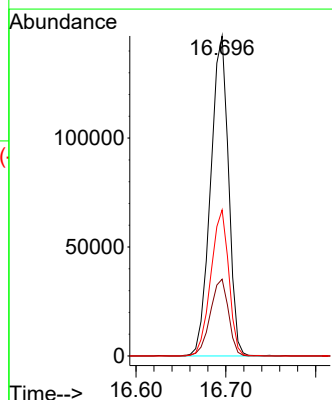
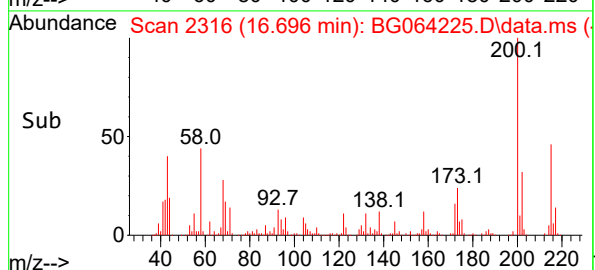
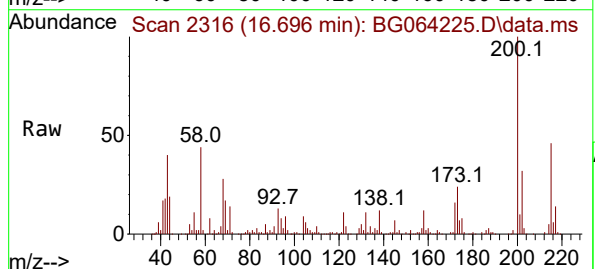
Manual Integrations
APPROVED

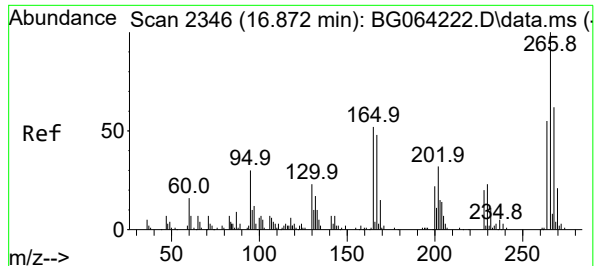
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#69
Atrazine
Concen: 76.540 ng
RT: 16.696 min Scan# 2316
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

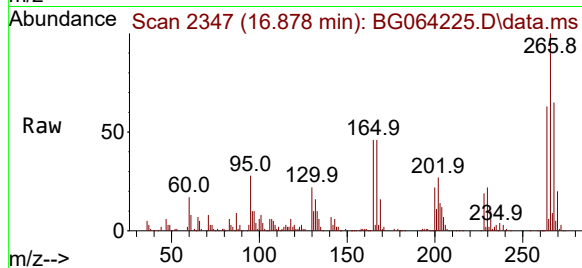
Tgt Ion:200 Resp: 203423
Ion Ratio Lower Upper
200 100
173 24.0 3.5 43.5
215 45.7 24.8 64.8





#70
Pentachlorophenol
Concen: 87.549 ng
RT: 16.878 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

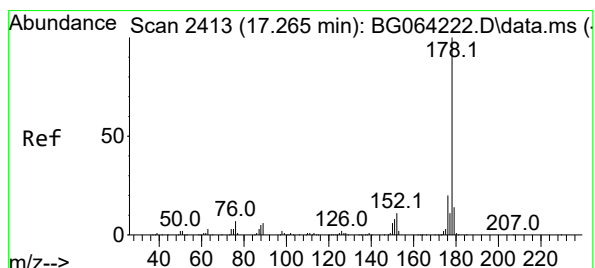
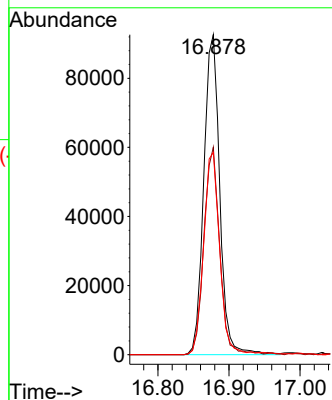
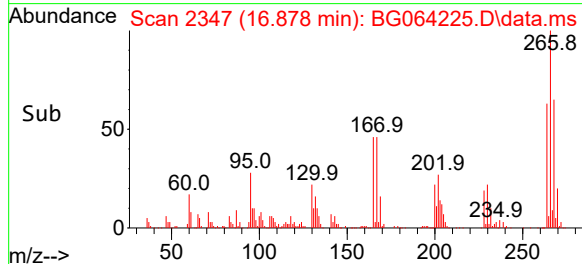
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



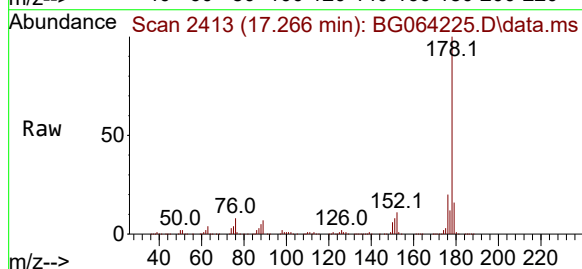
Tgt Ion:266 Resp: 144874
Ion Ratio Lower Upper
266 100
268 64.8 49.4 74.0
264 63.2 44.3 66.5

Manual Integrations
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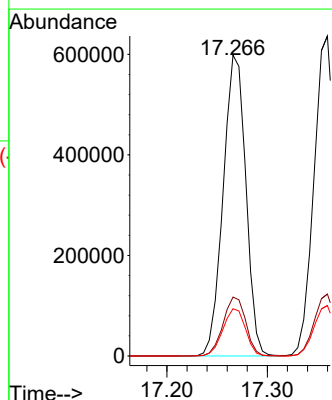
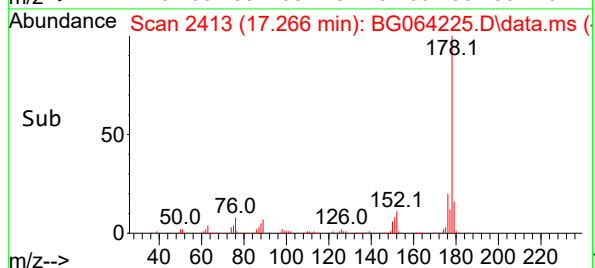
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

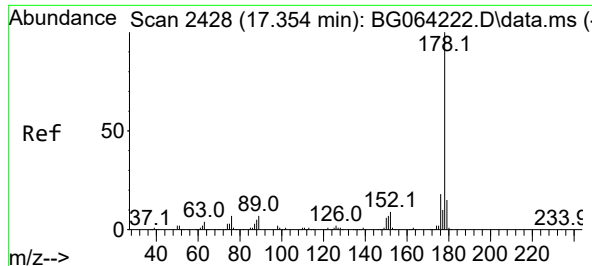


#71
Phenanthrene
Concen: 76.958 ng
RT: 17.266 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16



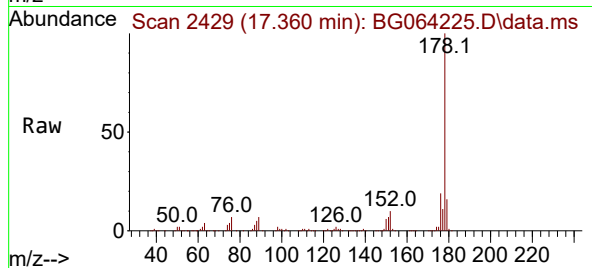
Tgt Ion:178 Resp: 939199
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 15.7 11.4 17.2





#72
Anthracene
Concen: 76.680 ng
RT: 17.360 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

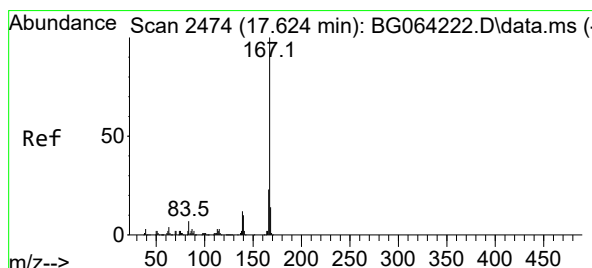
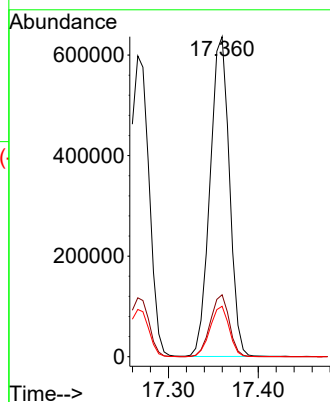
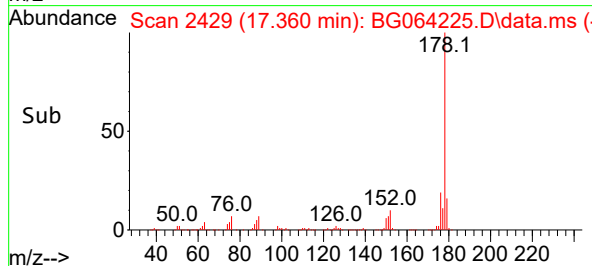
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:178 Resp: 95191
Ion Ratio Lower Upper
178 100
176 19.3 14.7 22.1
179 15.7 12.1 18.1

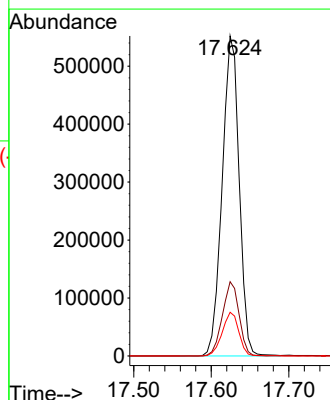
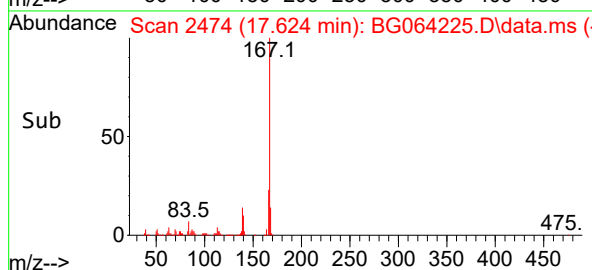
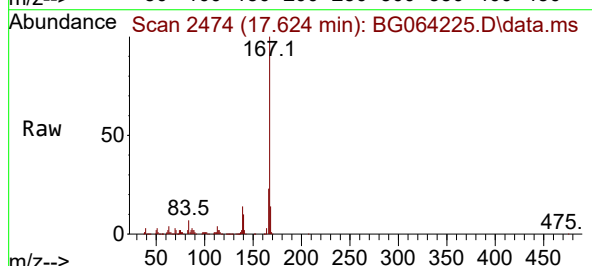
Manual Integrations
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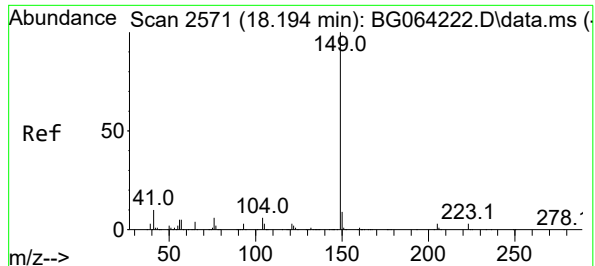
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#73
Carbazole
Concen: 76.969 ng
RT: 17.624 min Scan# 2474
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

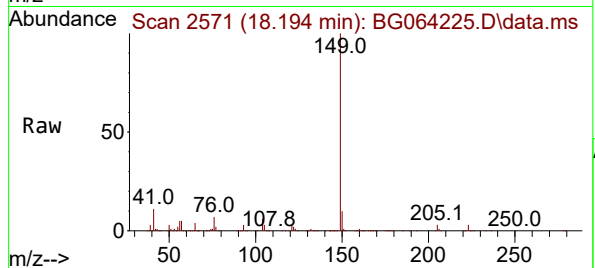
Tgt Ion:167 Resp: 841735
Ion Ratio Lower Upper
167 100
166 23.2 18.2 27.2
139 13.7 9.8 14.6





#74
Di-n-butylphthalate
Concen: 76.970 ng
RT: 18.194 min Scan# 2571
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

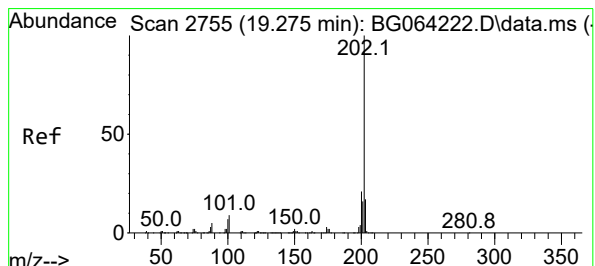
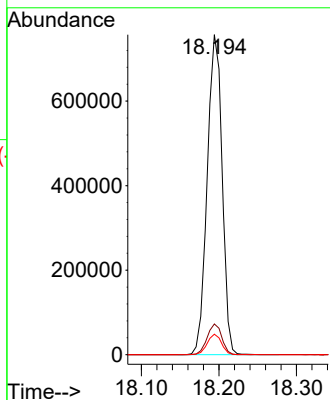
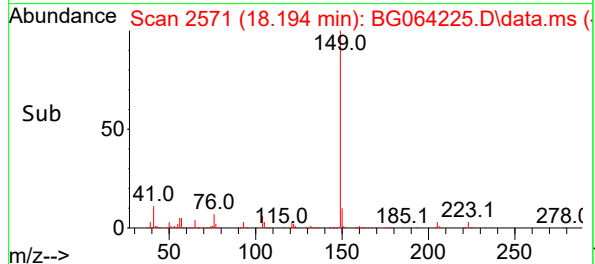
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:149 Resp: 1011294
Ion Ratio Lower Upper
149 100
150 9.6 7.5 11.3
104 6.4 4.6 7.0

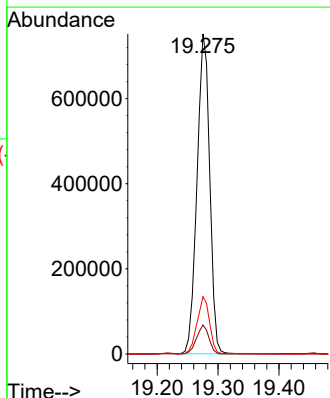
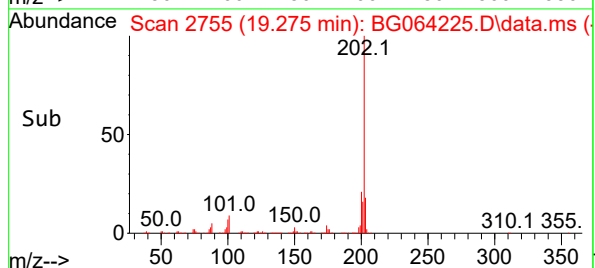
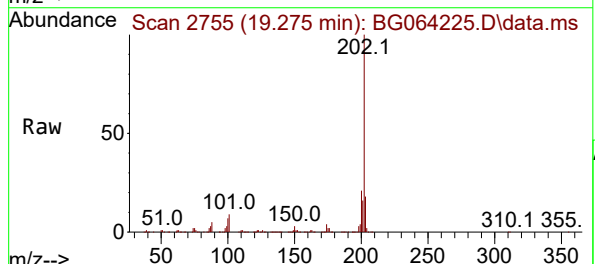
Manual Integrations
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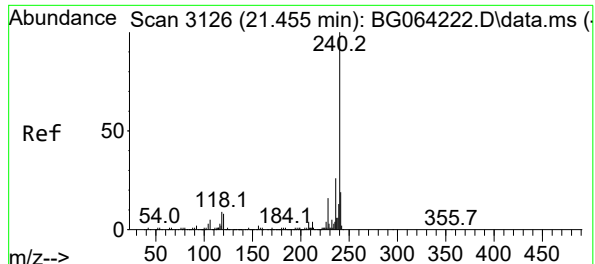
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#75
Fluoranthene
Concen: 75.580 ng
RT: 19.275 min Scan# 2755
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:202 Resp: 1084541
Ion Ratio Lower Upper
202 100
101 9.0 0.0 28.7
203 17.9 0.0 36.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.455 min Scan# 3126

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:240 Resp: 23554

Ion Ratio Lower Upper

240 100

120 7.7 6.2 9.4

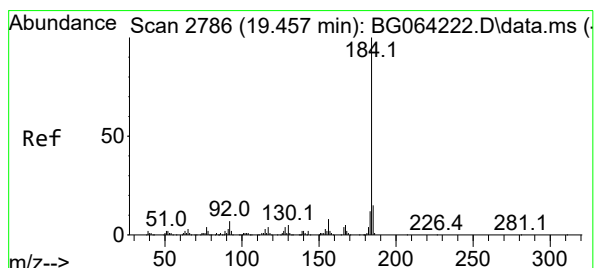
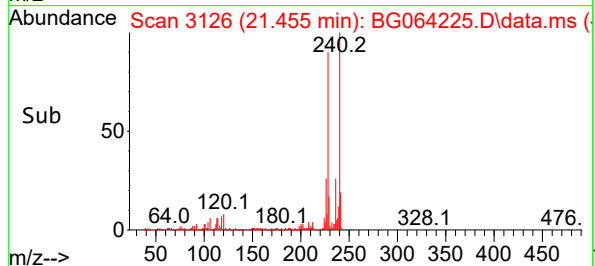
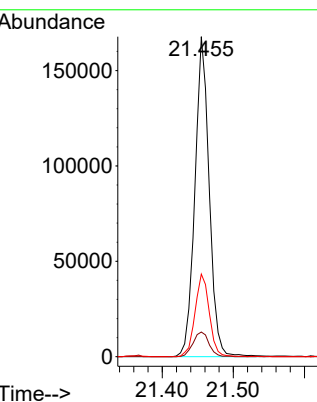
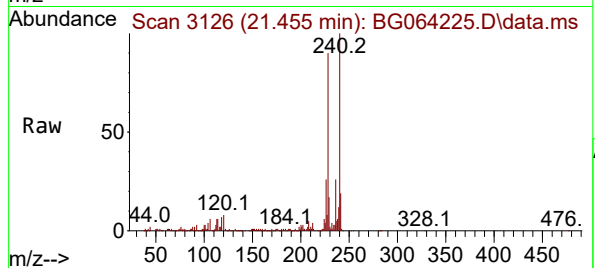
236 25.8 20.5 30.7

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#77

Benzidine

Concen: 68.139 ng

RT: 19.457 min Scan# 2786

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

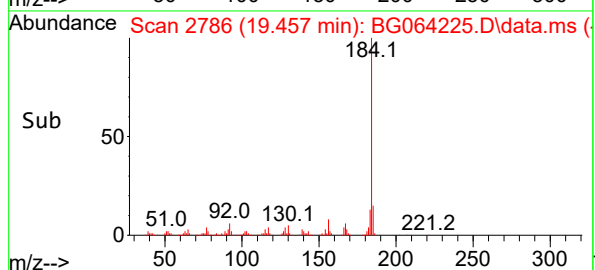
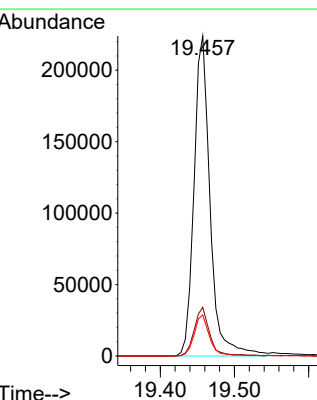
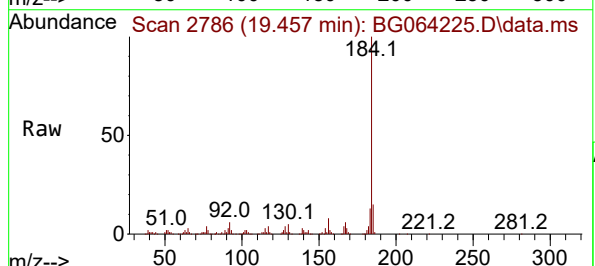
Tgt Ion:184 Resp: 337627

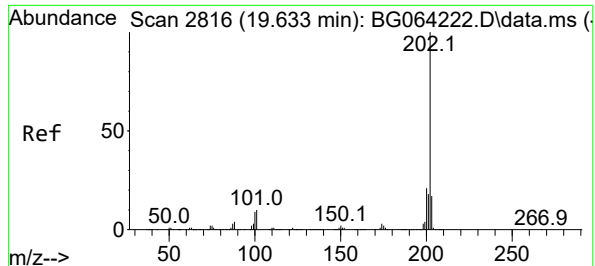
Ion Ratio Lower Upper

184 100

185 15.2 11.7 17.5

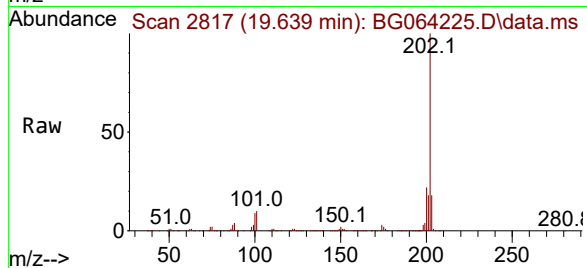
183 12.8 9.7 14.5





#78
Pyrene
Concen: 77.355 ng
RT: 19.639 min Scan# 2817
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

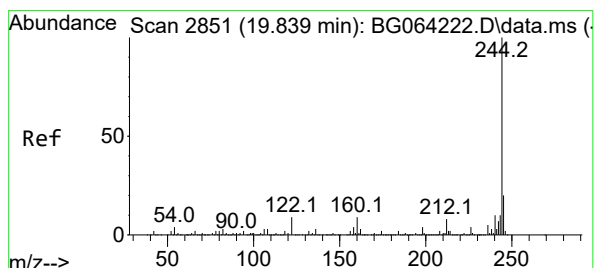
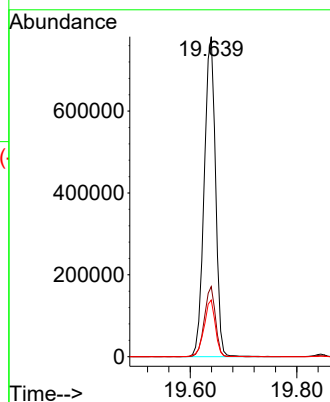
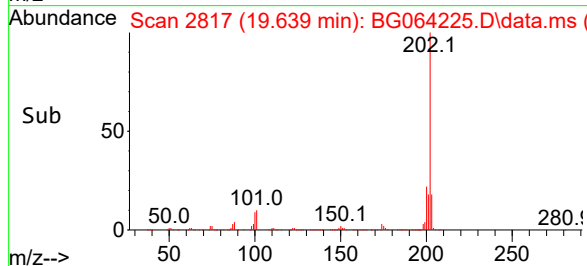
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:202 Resp: 1147900
Ion Ratio Lower Upper
202 100
200 21.9 16.9 25.3
203 17.7 13.8 20.8

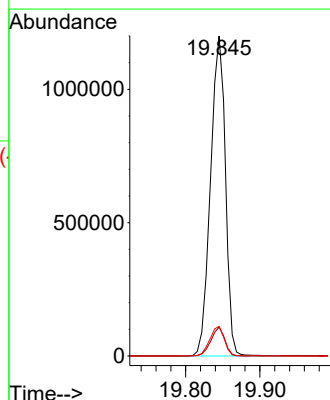
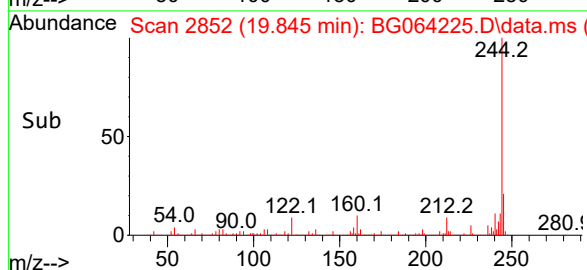
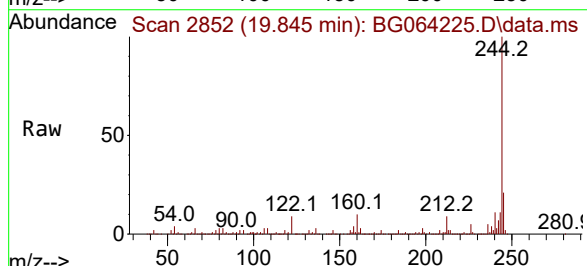
Manual Integrations
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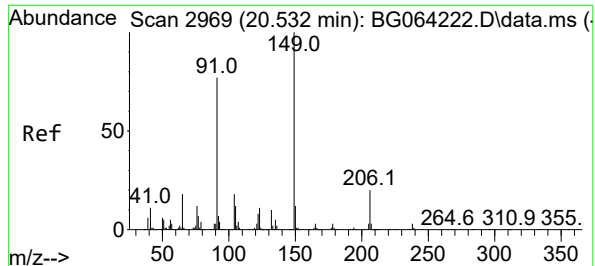
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#79
Terphenyl-d14
Concen: 148.209 ng
RT: 19.845 min Scan# 2852
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

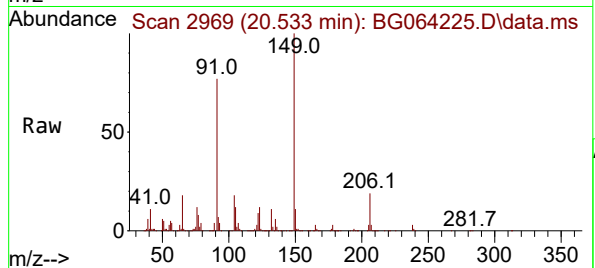
Tgt Ion:244 Resp: 1673235
Ion Ratio Lower Upper
244 100
212 9.0 6.6 10.0
122 9.2 7.0 10.6





#80
Butylbenzylphthalate
Concen: 81.036 ng
RT: 20.533 min Scan# 2969
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

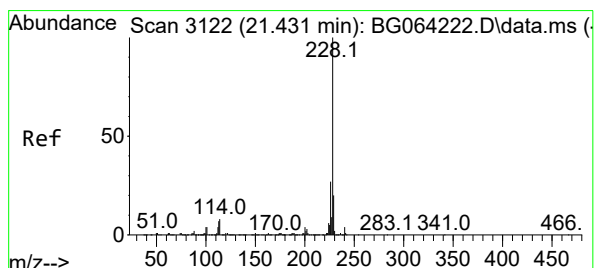
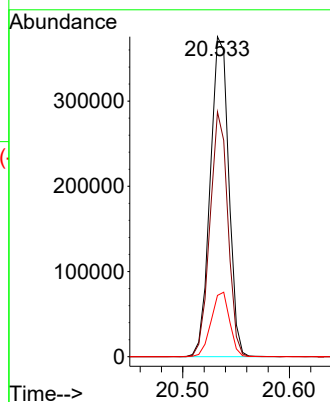
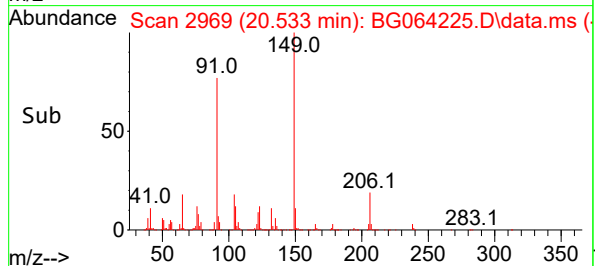
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:149 Resp: 45356
Ion Ratio Lower Upper
149 100
91 76.5 61.4 92.0
206 19.1 15.8 23.6

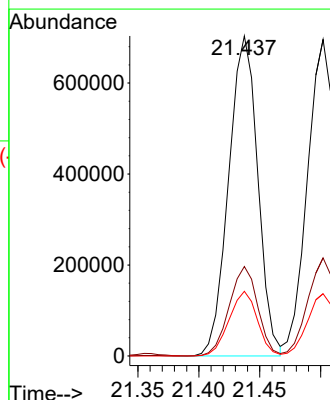
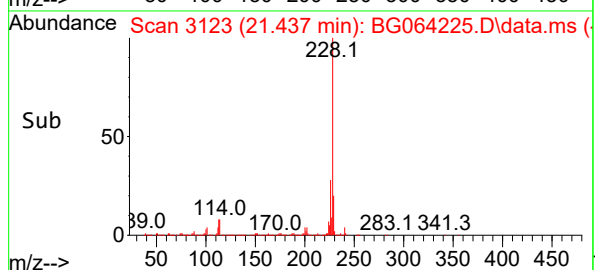
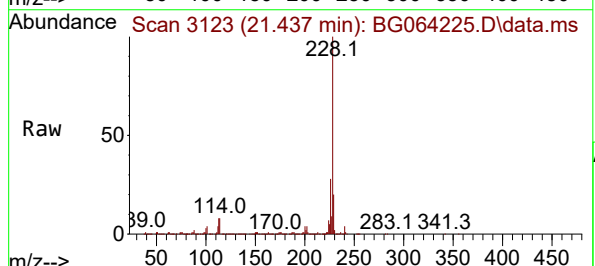
Manual Integrations
APPROVED

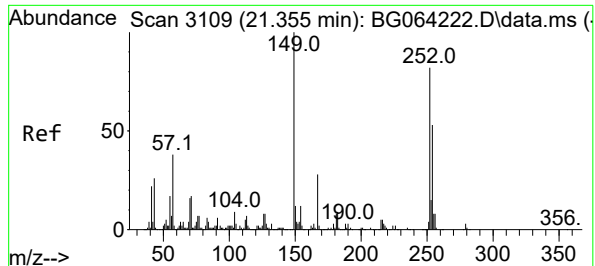
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#81
Benzo(a)anthracene
Concen: 77.766 ng
RT: 21.437 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

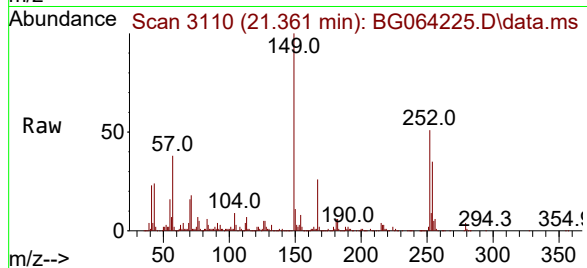
Tgt Ion:228 Resp: 1171856
Ion Ratio Lower Upper
228 100
226 27.9 21.7 32.5
229 20.2 15.9 23.9





#82
3,3'-Dichlorobenzidine
Concen: 77.523 ng
RT: 21.361 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

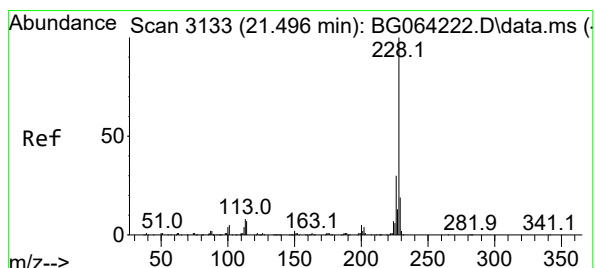
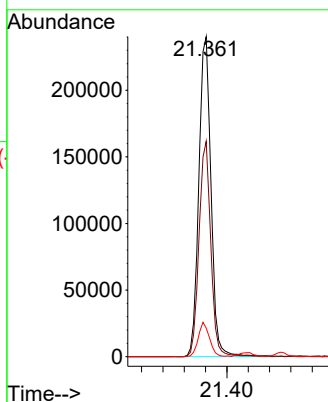
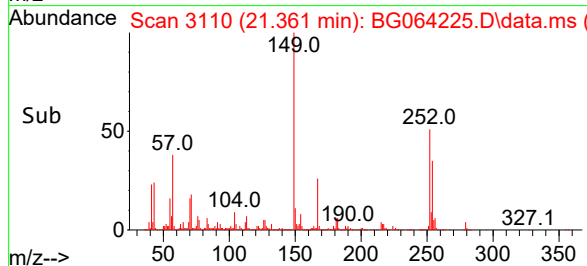
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:252 Resp: 38045
Ion Ratio Lower Upper
252 100
254 67.3 51.9 77.9
126 9.0 7.6 11.4

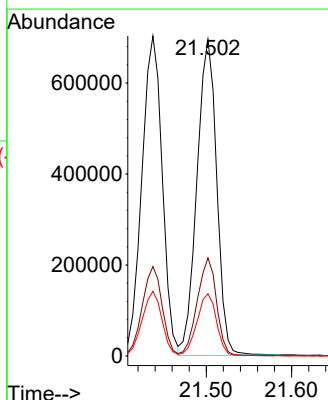
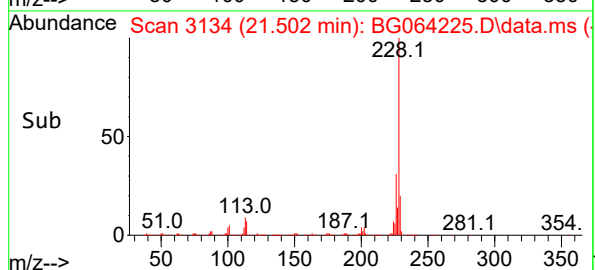
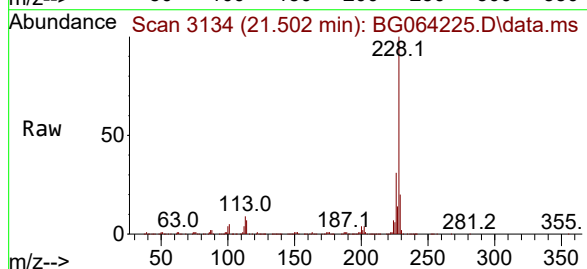
Manual Integrations
APPROVED

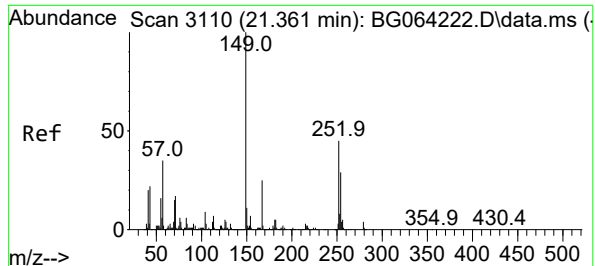
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#83
Chrysene
Concen: 77.521 ng
RT: 21.502 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

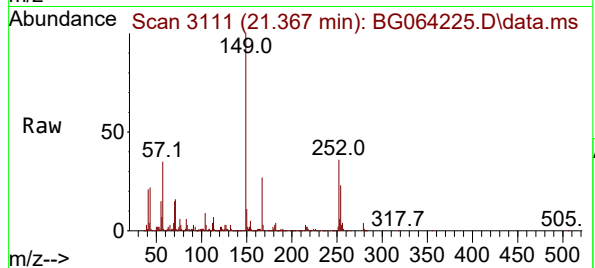
Tgt Ion:228 Resp: 1121478
Ion Ratio Lower Upper
228 100
226 31.0 24.2 36.2
229 19.6 15.4 23.2





#84
Bis(2-ethylhexyl)phthalate
Concen: 78.779 ng
RT: 21.367 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

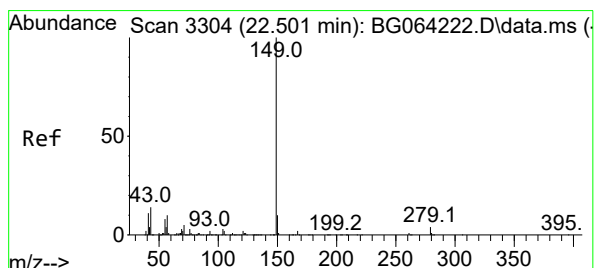
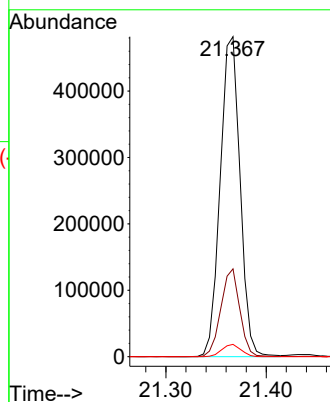
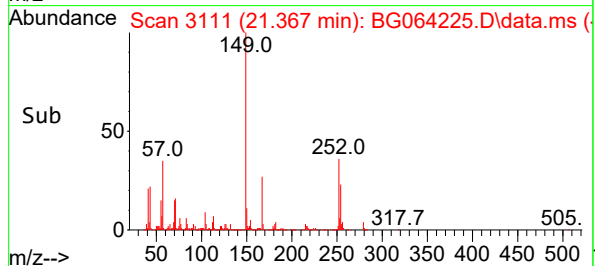
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:149 Resp: 661990
Ion Ratio Lower Upper
149 100
167 27.5 20.0 30.0
279 3.8 3.0 4.4

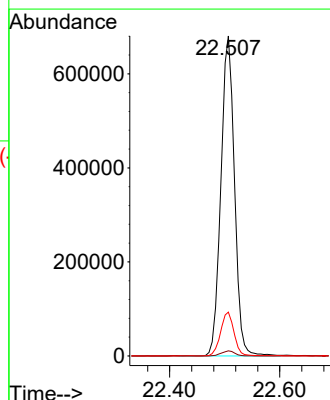
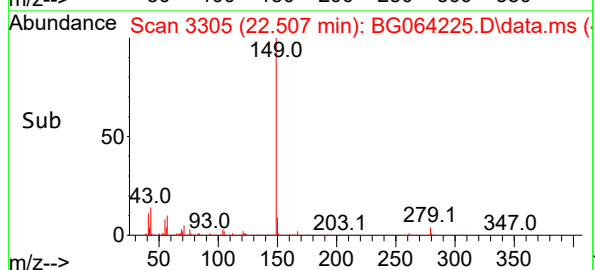
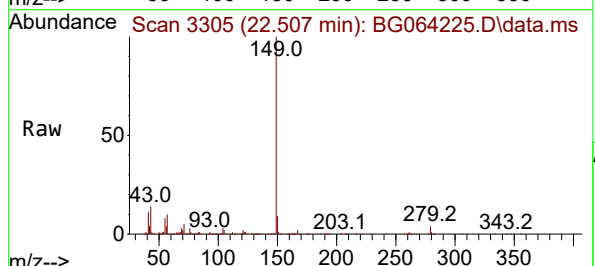
Manual Integrations
APPROVED

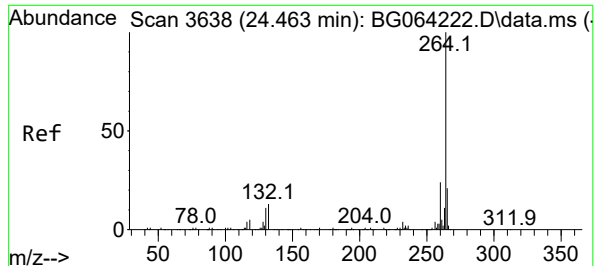
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#85
Di-n-octyl phthalate
Concen: 79.752 ng
RT: 22.507 min Scan# 3305
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

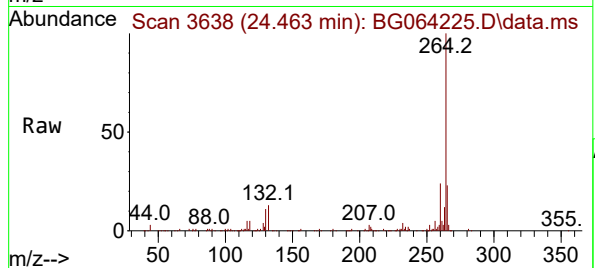
Tgt Ion:149 Resp: 1167706
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.6 10.8 16.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.463 min Scan# 3638
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

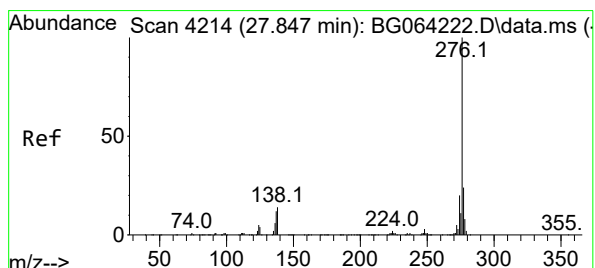
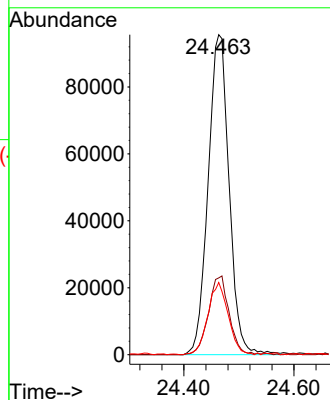
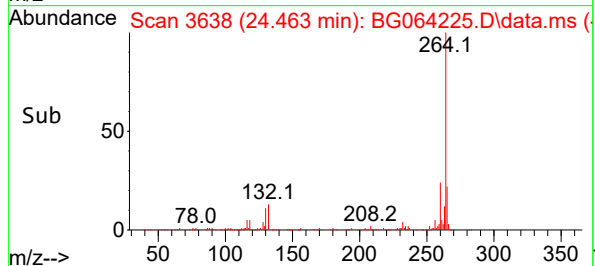
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:264 Resp: 25282
Ion Ratio Lower Upper
264 100
260 24.0 18.9 28.3
265 22.5 16.7 25.1

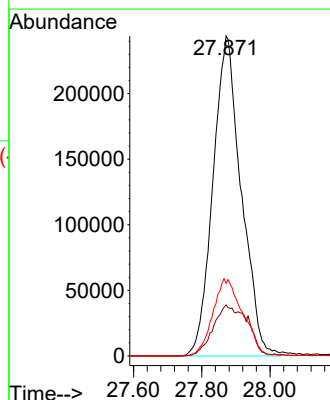
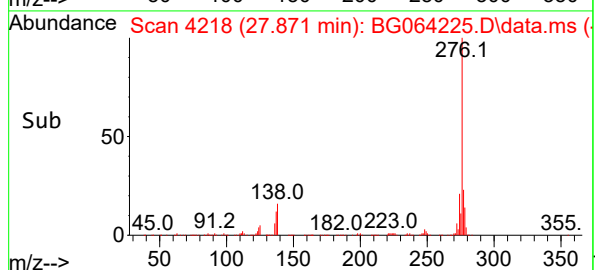
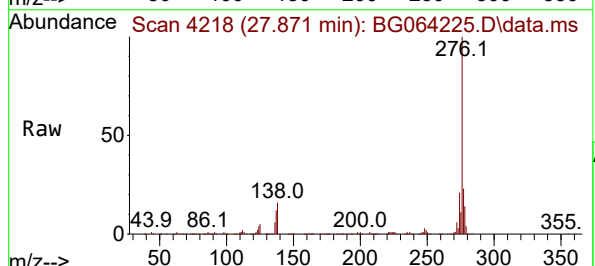
Manual Integrations
APPROVED

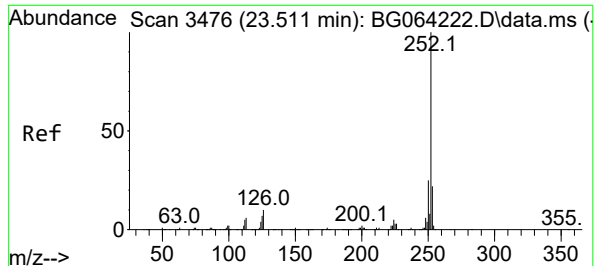
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#87
Indeno(1,2,3-cd)pyrene
Concen: 81.188 ng
RT: 27.871 min Scan# 4218
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

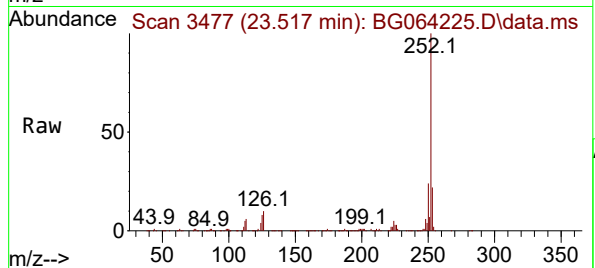
Tgt Ion:276 Resp: 1401756
Ion Ratio Lower Upper
276 100
138 12.2 7.4 11.0#
277 25.6 20.5 30.7





#88
Benzo(b)fluoranthene
Concen: 81.710 ng
RT: 23.517 min Scan# 3477
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

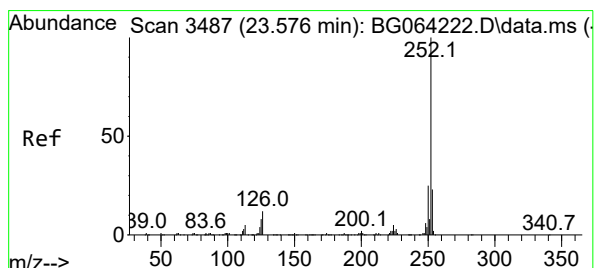
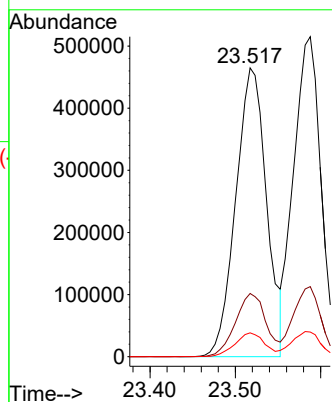
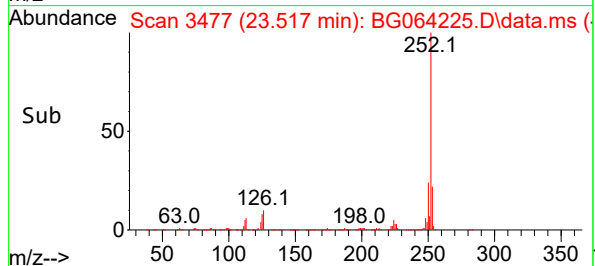
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:252 Resp: 1165918
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 8.3 5.9 8.9

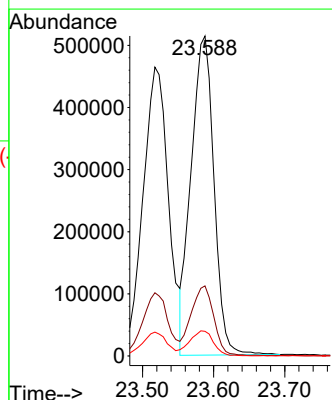
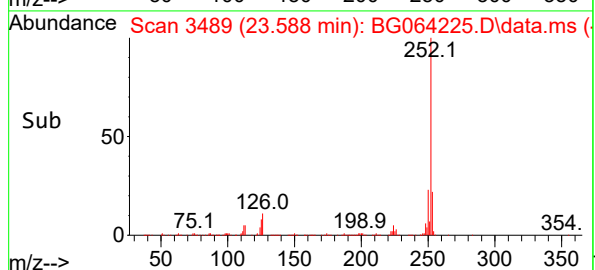
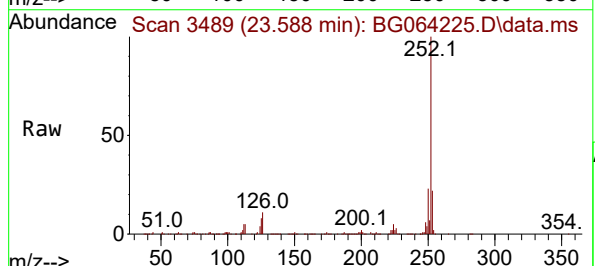
Manual Integrations
APPROVED

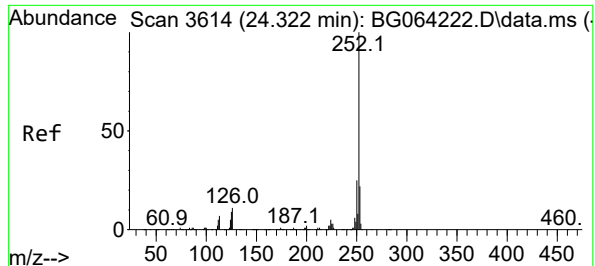
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#89
Benzo(k)fluoranthene
Concen: 79.005 ng
RT: 23.588 min Scan# 3489
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

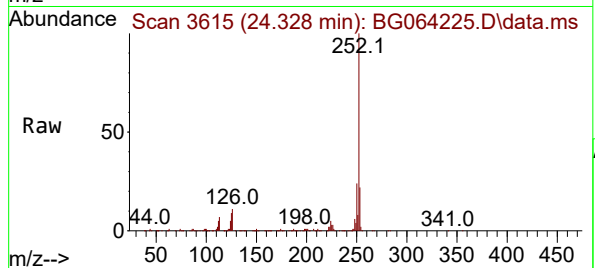
Tgt Ion:252 Resp: 1148481
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.4
125 7.7 7.0 10.4





#90
Benzo(a)pyrene
Concen: 80.383 ng
RT: 24.328 min Scan# 3614
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

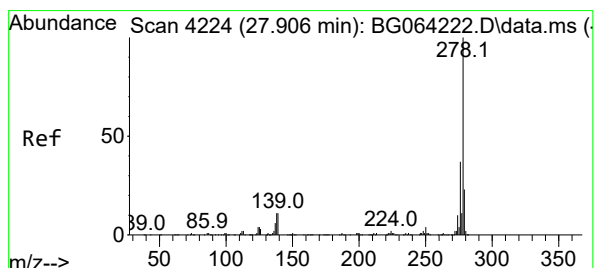
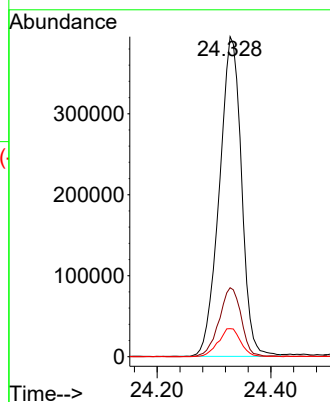
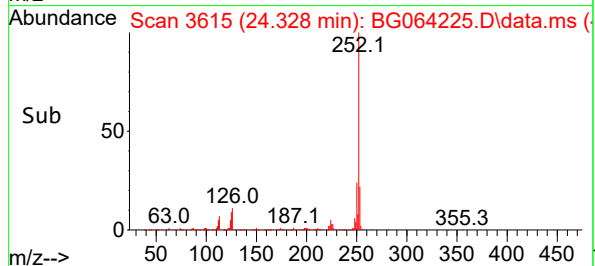
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:252 Resp: 1066950
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 8.8 7.0 10.6

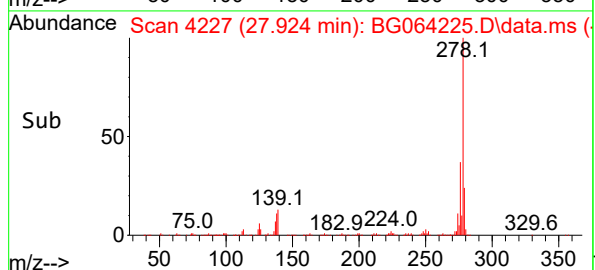
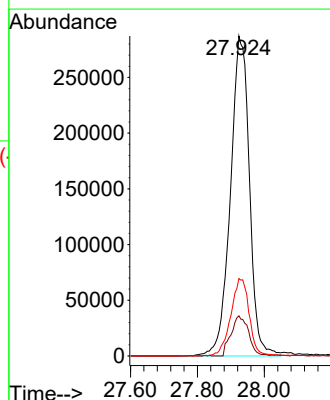
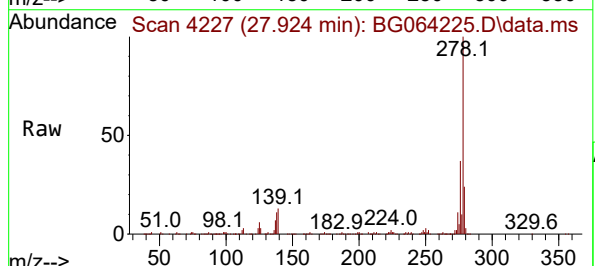
Manual Integrations
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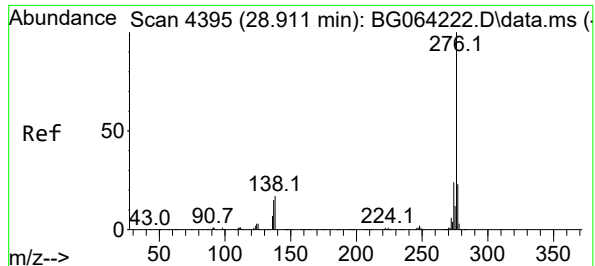
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#91
Dibenzo(a,h)anthracene
Concen: 81.749 ng
RT: 27.924 min Scan# 4227
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:278 Resp: 1133261
Ion Ratio Lower Upper
278 100
139 12.6 9.0 13.4
279 24.2 18.8 28.2





#92

Benzo(g,h,i)perylene

Concen: 80.696 ng

RT: 28.934 min Scan# 41

Delta R.T. 0.000 min

Lab File: BG064225.D

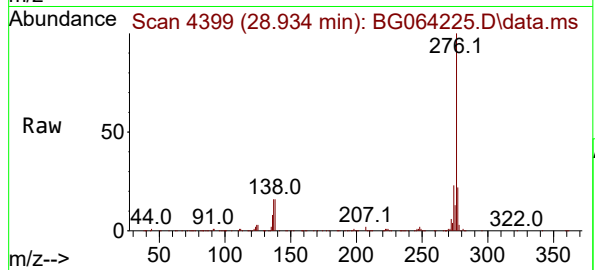
Acq: 28 Aug 2025 16:16

Instrument :

BNA_G

ClientSampleId :

SSTDICC080



Tgt Ion:276 Resp: 108852

Ion Ratio Lower Upper

276 100

277 21.9 18.2 27.4

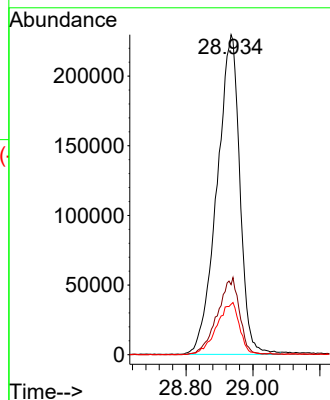
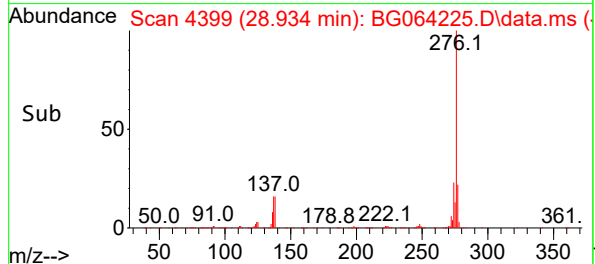
138 15.7 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
 Data File : BG064226.D
 Acq On : 28 Aug 2025 18:19
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

ICVBG082825

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 19:07:41 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 28 17:41:58 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.862	152	29889	20.000	ng	0.00
21) Naphthalene-d8	10.647	136	138322	20.000	ng	0.00
39) Acenaphthene-d10	14.483	164	98110	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	230329	20.000	ng	0.00
76) Chrysene-d12	21.452	240	233808	20.000	ng	0.00
86) Perylene-d12	24.460	264	253621	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.441	112	118083	70.880	ng	0.00
7) Phenol-d6	7.022	99	163938	71.628	ng	0.00
23) Nitrobenzene-d5	9.008	82	190915	76.975	ng	0.00
42) 2,4,6-Tribromophenol	15.970	330	95626	73.586	ng	0.00
45) 2-Fluorobiphenyl	13.109	172	482755	75.105	ng	0.00
79) Terphenyl-d14	19.842	244	849308	75.787	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.361	88	24759	35.656	ng	91
3) Pyridine	3.749	79	70553	34.517	ng	# 58
4) n-Nitrosodimethylamine	3.667	42	50477	37.335	ng	# 82
6) Aniline	7.186	93	120120	37.952	ng	99
8) 2-Chlorophenol	7.421	128	76422	37.539	ng	96
9) Benzaldehyde	6.998	77	64525	34.257	ng	98
10) Phenol	7.045	94	93735	37.147	ng	96
11) bis(2-Chloroethyl)ether	7.280	93	71259	37.580	ng	97
12) 1,3-Dichlorobenzene	7.750	146	80599	37.215	ng	98
13) 1,4-Dichlorobenzene	7.891	146	83439	38.174	ng	95
14) 1,2-Dichlorobenzene	8.208	146	83276	39.476	ng	95
15) Benzyl Alcohol	8.091	79	82068	38.856	ng	# 92
16) 2,2'-oxybis(1-Chloropr...	8.385	45	158838	36.690	ng	97
17) 2-Methylphenol	8.297	107	70037	37.241	ng	93
18) Hexachloroethane	8.937	117	30906	36.223	ng	# 87
19) n-Nitroso-di-n-propyla...	8.661	70	69352	39.592	ng	98
20) 3+4-Methylphenols	8.620	107	97172	37.186	ng	97
22) Acetophenone	8.673	105	138203	39.493	ng	# 99
24) Nitrobenzene	9.049	77	97991	37.815	ng	99
25) Isophorone	9.577	82	203159	39.413	ng	98
26) 2-Nitrophenol	9.760	139	45144	40.318	ng	# 86
27) 2,4-Dimethylphenol	9.824	122	82382	41.907	ng	94
28) bis(2-Chloroethoxy)met...	10.059	93	108249	38.946	ng	96
29) 2,4-Dichlorophenol	10.288	162	78373	37.784	ng	97
30) 1,2,4-Trichlorobenzene	10.512	180	84798	38.773	ng	93
31) Naphthalene	10.694	128	269029	37.507	ng	97
32) Benzoic acid	9.959	122	63444m	40.656	ng	
33) 4-Chloroaniline	10.800	127	121492	43.702	ng	98
34) Hexachlorobutadiene	10.988	225	59520	36.817	ng	93
35) Caprolactam	11.569	113	30886	38.456	ng	96
36) 4-Chloro-3-methylphenol	11.922	107	102318	38.019	ng	96
37) 2-Methylnaphthalene	12.304	142	182749	34.277	ng	98
38) 1-Methylnaphthalene	12.527	142	193924	36.825	ng	96
40) 1,2,4,5-Tetrachloroben...	12.674	216	109403	38.648	ng	99
41) Hexachlorocyclopentadiene	12.656	237	69252	51.474	ng	89
43) 2,4,6-Trichlorophenol	12.909	196	74572	39.413	ng	88

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
 Data File : BG064226.D
 Acq On : 28 Aug 2025 18:19
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG082825

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/29/2025
 Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 19:07:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

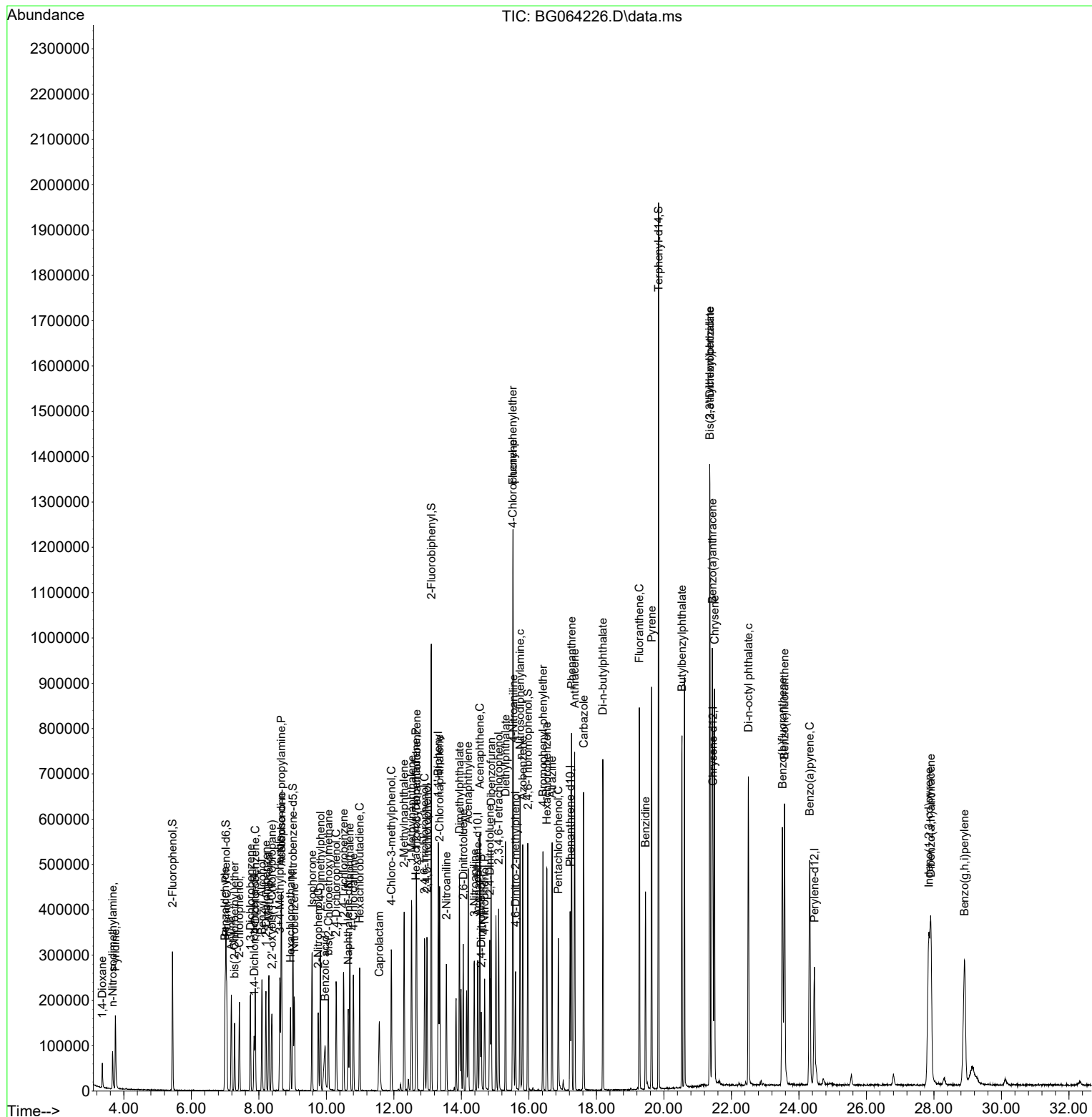
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.979	196	78503	38.249	ng	97
46) 1,1'-Biphenyl	13.314	154	278762	39.011	ng	98
47) 2-Chloronaphthalene	13.355	162	205642	38.279	ng	98
48) 2-Nitroaniline	13.555	65	76496	41.777	ng	92
49) Acenaphthylene	14.201	152	345867	43.553	ng	99
50) Dimethylphthalate	13.943	163	281514	37.909	ng	99
51) 2,6-Dinitrotoluene	14.055	165	61558	42.818	ng	92
52) Acenaphthene	14.548	154	208675	37.235	ng	99
53) 3-Nitroaniline	14.384	138	63336	42.058	ng	98
54) 2,4-Dinitrophenol	14.589	184	32669	37.975	ng #	89
55) Dibenzofuran	14.883	168	333145	37.793	ng	97
56) 4-Nitrophenol	14.689	139	48467	39.235	ng	98
57) 2,4-Dinitrotoluene	14.842	165	88592	40.756	ng #	95
58) Fluorene	15.529	166	277028	38.343	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.106	232	80509	40.784	ng	97
60) Diethylphthalate	15.306	149	297822	37.474	ng	99
61) 4-Chlorophenyl-phenyle...	15.523	204	136825	37.983	ng	99
62) 4-Nitroaniline	15.541	138	64904	42.237	ng	87
63) Azobenzene	15.817	77	276201	38.992	ng	99
65) 4,6-Dinitro-2-methylph...	15.606	198	50530	38.211	ng	98
66) n-Nitrosodiphenylamine	15.741	169	244884	38.649	ng	99
67) 4-Bromophenyl-phenylether	16.417	248	91586	37.437	ng	95
68) Hexachlorobenzene	16.534	284	102532	37.742	ng	92
69) Atrazine	16.687	200	99280	37.526	ng	95
70) Pentachlorophenol	16.869	266	60707	36.854	ng	92
71) Phenanthrene	17.263	178	457203	37.635	ng	97
72) Anthracene	17.357	178	468737	37.931	ng	98
73) Carbazole	17.621	167	412655	37.906	ng	99
74) Di-n-butylphthalate	18.191	149	497961	38.074	ng	100
75) Fluoranthene	19.272	202	524509	36.720	ng	100
77) Benzidine	19.454	184	250946	51.021	ng	99
78) Pyrene	19.636	202	551941	37.470	ng	99
80) Butylbenzylphthalate	20.535	149	215271	38.747	ng	96
81) Benzo(a)anthracene	21.434	228	570869	38.165	ng	98
82) 3,3'-Dichlorobenzidine	21.358	252	204932	42.067	ng	98
83) Chrysene	21.499	228	544729	37.933	ng	99
84) Bis(2-ethylhexyl)phtha...	21.364	149	325380	39.008	ng	97
85) Di-n-octyl phthalate	22.503	149	565788	38.929	ng	100
87) Indeno(1,2,3-cd)pyrene	27.850	276	660292	38.123	ng #	96
88) Benzo(b)fluoranthene	23.514	252	559215	39.068	ng	99
89) Benzo(k)fluoranthene	23.573	252	556111	38.135	ng	97
90) Benzo(a)pyrene	24.319	252	537384	40.358	ng	100
91) Dibenzo(a,h)anthracene	27.909	278	541703	38.953	ng	99
92) Benzo(g,h,i)perylene	28.908	276	528738	39.074	ng	99

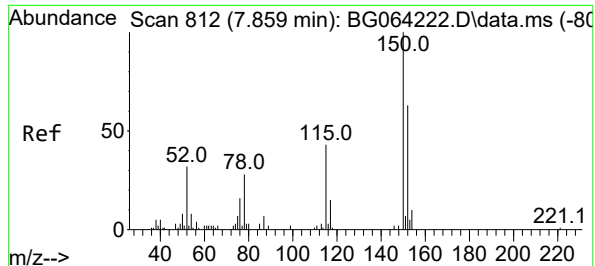
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_G
ClientSampleId :
ICVBG082825

Manual Integrations APPROVED

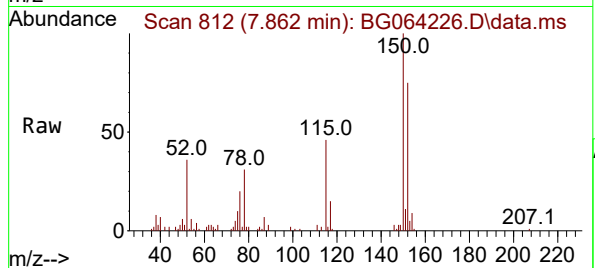
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jaagrut Upadhyay 08/29/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.862 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

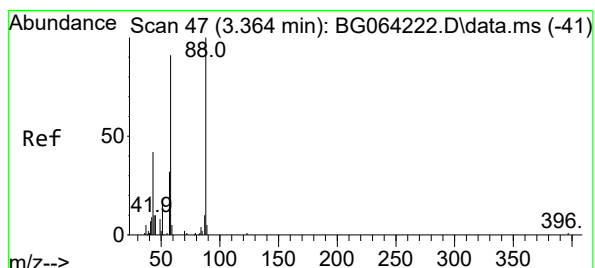
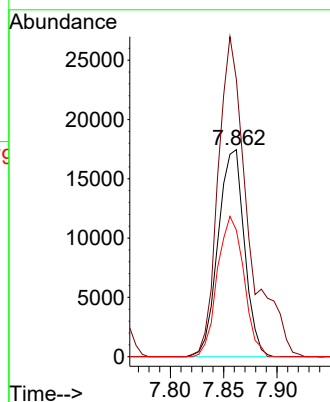
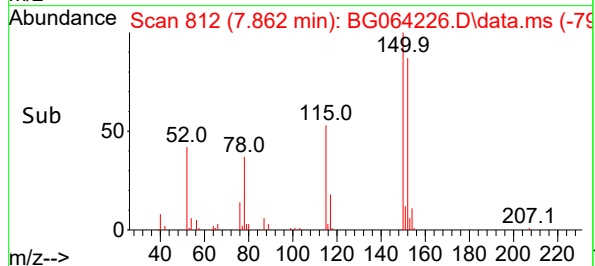
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion:152 Resp: 29889
Ion Ratio Lower Upper
152 100
150 133.9 128.0 192.0
115 61.2 55.7 83.5

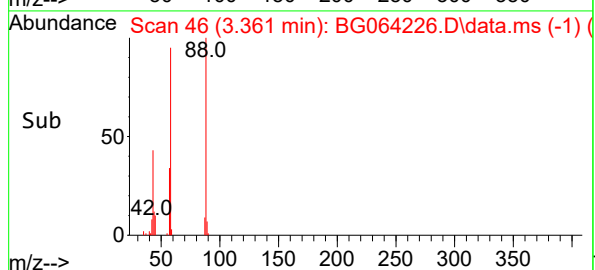
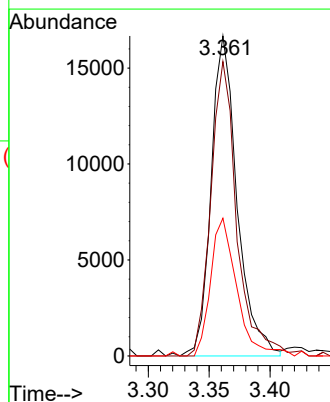
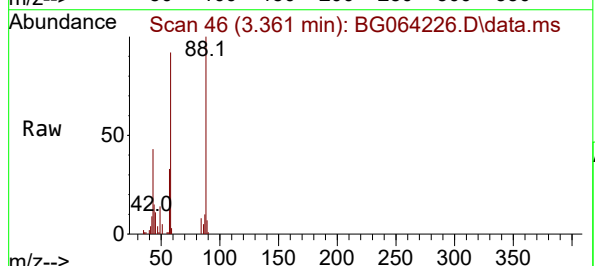
Manual Integrations
APPROVED

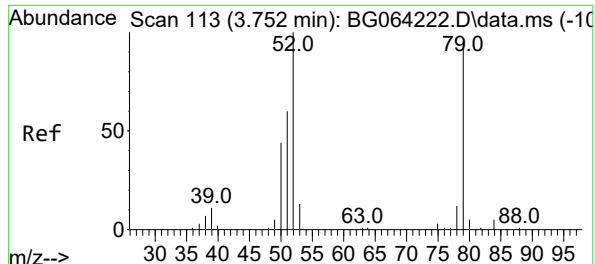
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#2
1,4-Dioxane
Concen: 35.656 ng
RT: 3.361 min Scan# 46
Delta R.T. 0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

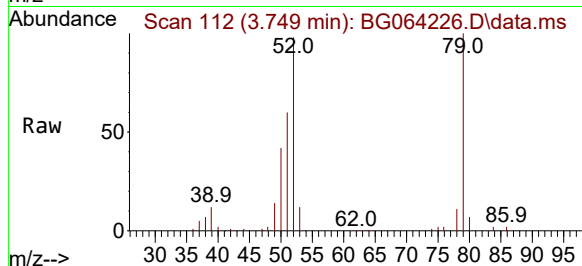
Tgt Ion: 88 Resp: 24759
Ion Ratio Lower Upper
88 100
58 92.0 80.8 121.2
43 43.7 40.3 60.5





#3
Pyridine
Concen: 34.517 ng
RT: 3.749 min Scan# 113
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

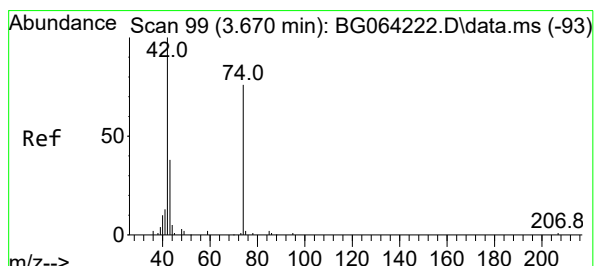
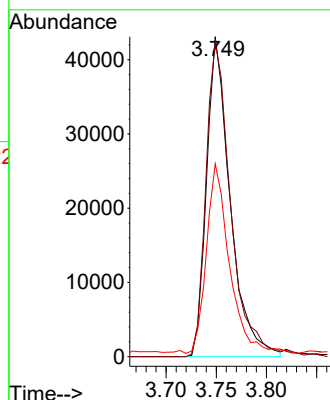
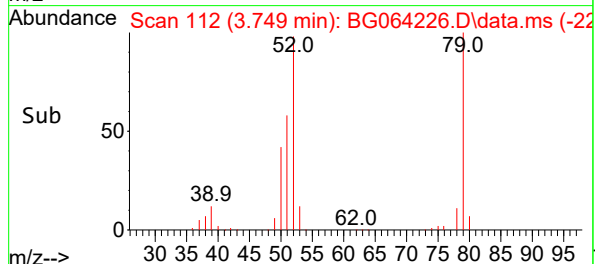
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion: 79 Resp: 7055
Ion Ratio Lower Upper
79 100
52 98.4 86.6 129.8
51 60.3 114.1 171.1

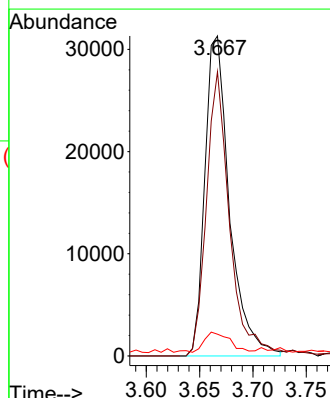
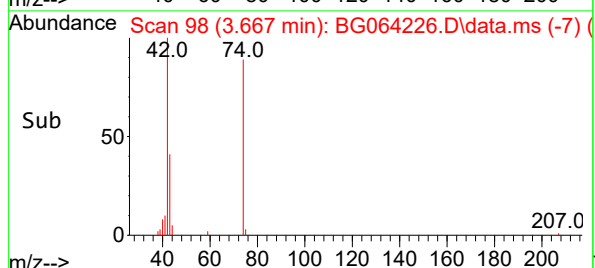
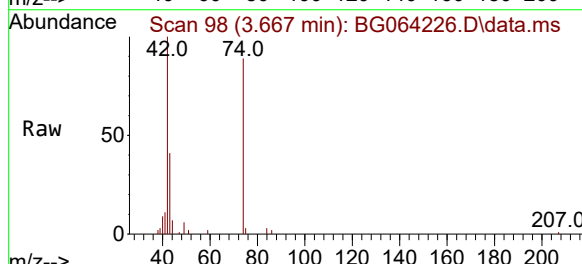
Manual Integrations
APPROVED

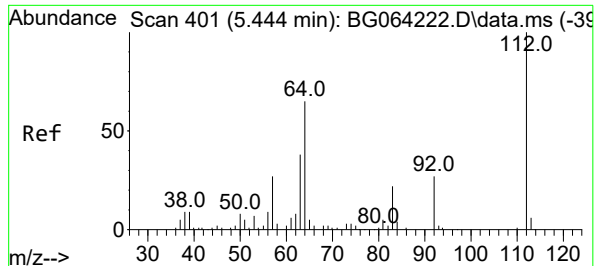
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#4
n-Nitrosodimethylamine
Concen: 37.335 ng
RT: 3.667 min Scan# 98
Delta R.T. 0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion: 42 Resp: 50477
Ion Ratio Lower Upper
42 100
74 88.8 58.0 87.0
44 6.8 5.5 8.3





#5

2-Fluorophenol

Concen: 70.880 ng

RT: 5.441 min Scan# 401

Delta R.T. -0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

Instrument :

BNA_G

ClientSampleId :

ICVBG082825

Tgt Ion:112 Resp: 11808

Ion Ratio Lower Upper

112 100

64 66.2 51.8 77.6

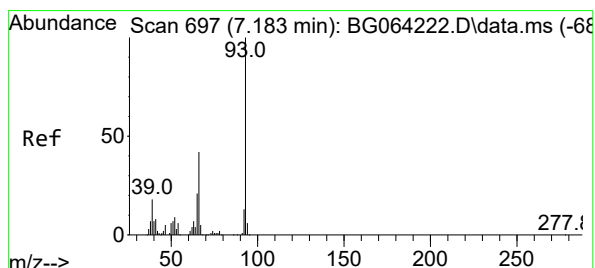
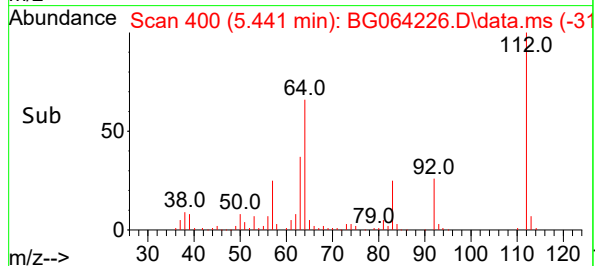
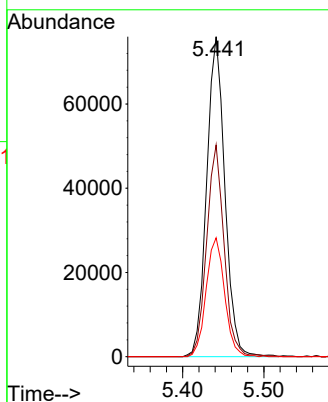
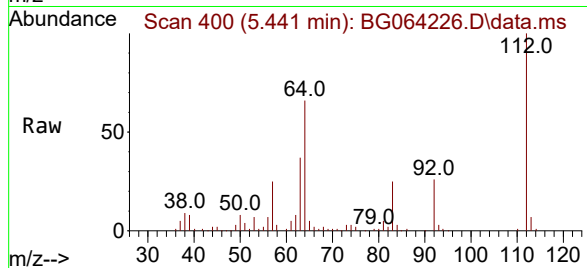
63 37.1 30.6 45.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#6

Aniline

Concen: 37.952 ng

RT: 7.186 min Scan# 697

Delta R.T. -0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

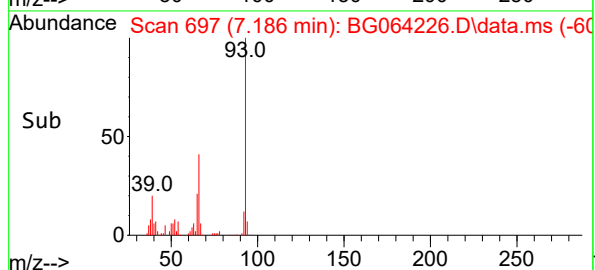
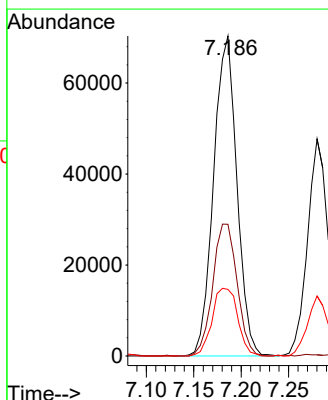
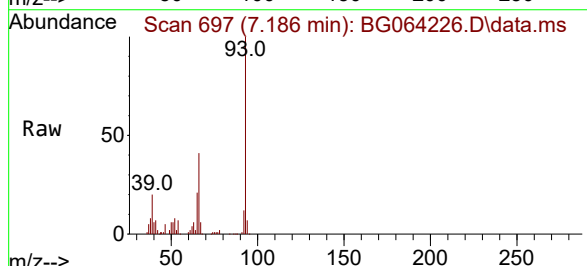
Tgt Ion: 93 Resp: 120120

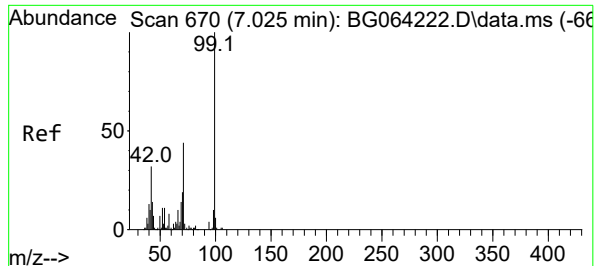
Ion Ratio Lower Upper

93 100

66 41.2 33.8 50.8

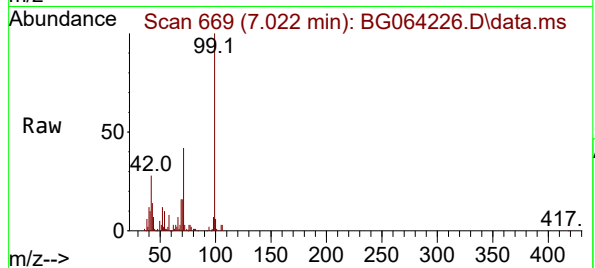
65 20.8 16.9 25.3





#7
Phenol-d6
Concen: 71.628 ng
RT: 7.022 min Scan# 60
Delta R.T. -0.009 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

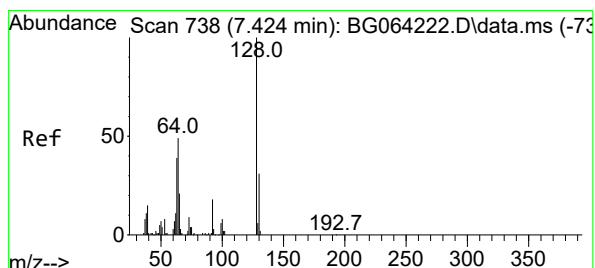
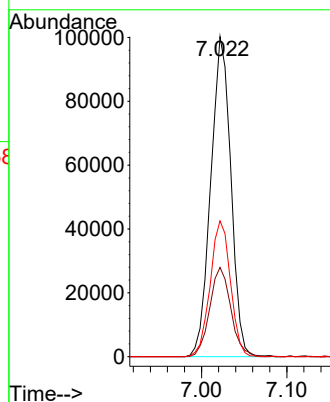
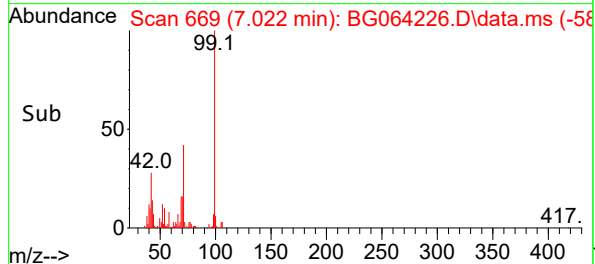
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion: 99 Resp: 163938
Ion Ratio Lower Upper
99 100
42 27.9 25.8 38.8
71 42.4 35.2 52.8

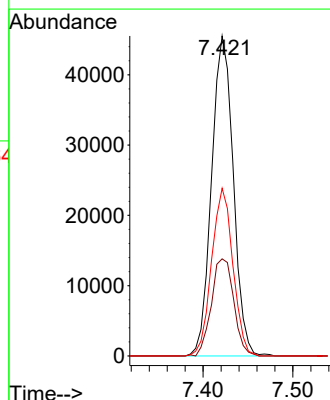
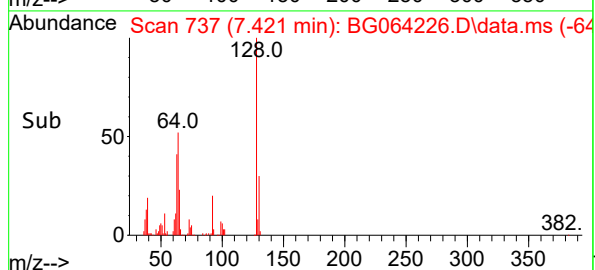
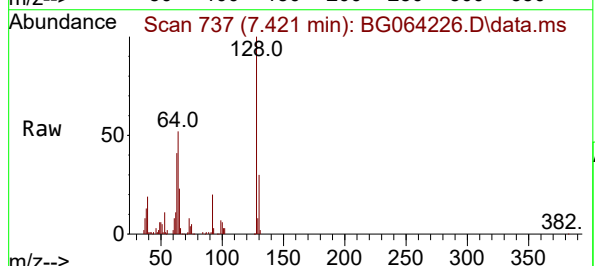
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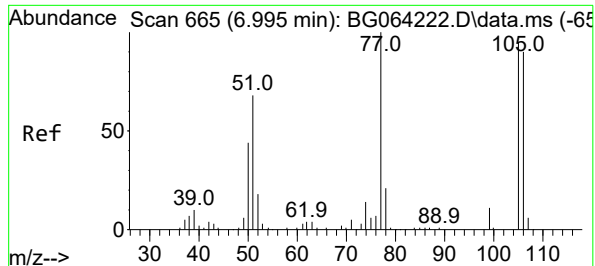
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#8
2-Chlorophenol
Concen: 37.539 ng
RT: 7.421 min Scan# 737
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:128 Resp: 76422
Ion Ratio Lower Upper
128 100
130 30.3 10.9 50.9
64 52.4 28.7 68.7





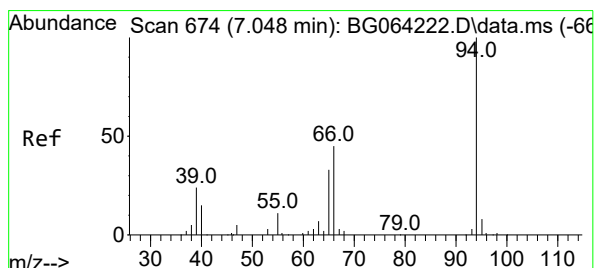
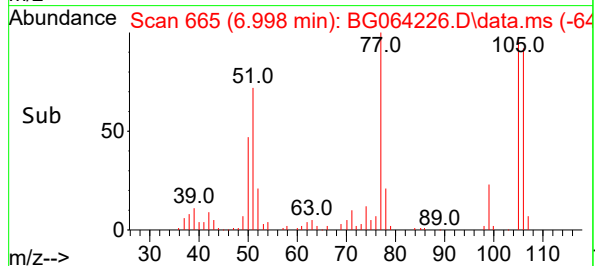
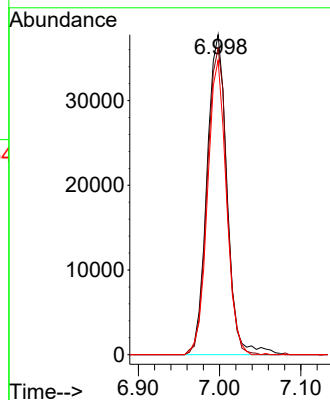
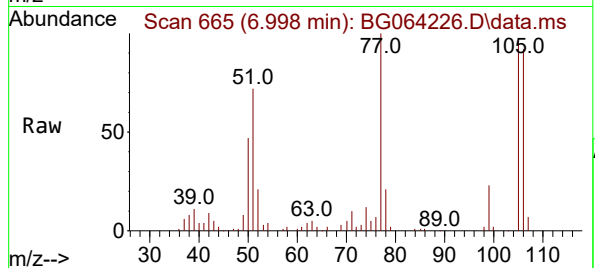
#9
Benzaldehyde
Concen: 34.257 ng
RT: 6.998 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Instrument :
BNA_G
ClientSampleId :
ICVBG082825

Tgt Ion: 77 Resp: 6452
Ion Ratio Lower Upper
77 100
105 95.8 75.2 115.2
106 92.0 69.6 109.6

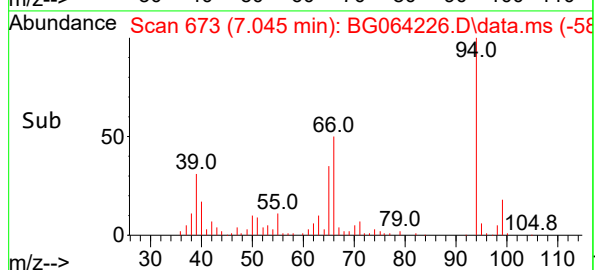
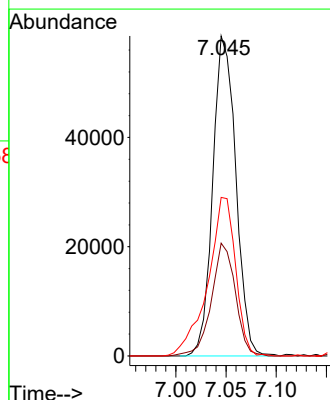
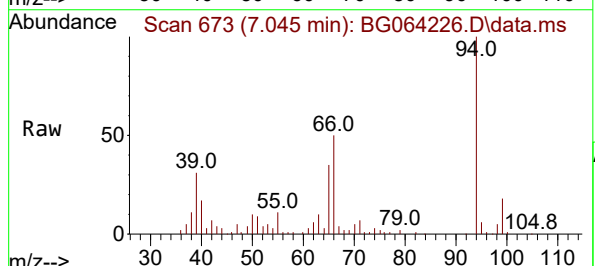
Manual Integrations
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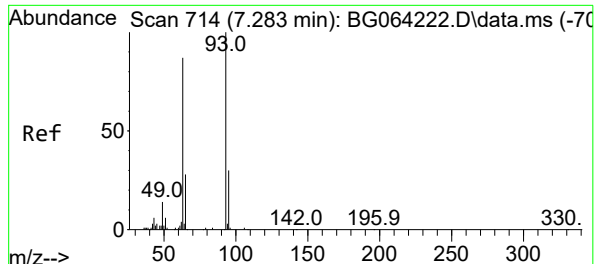
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#10
Phenol
Concen: 37.147 ng
RT: 7.045 min Scan# 673
Delta R.T. -0.009 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion: 94 Resp: 93735
Ion Ratio Lower Upper
94 100
65 35.3 13.5 53.5
66 49.6 26.2 66.2





#11

bis(2-Chloroethyl)ether

Concen: 37.580 ng

RT: 7.280 min Scan# 714

Delta R.T. -0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

Instrument :

BNA_G

ClientSampleId :

ICVBG082825

Tgt Ion: 93 Resp: 71259

Ion Ratio Lower Upper

93 100

63 88.5 66.2 106.2

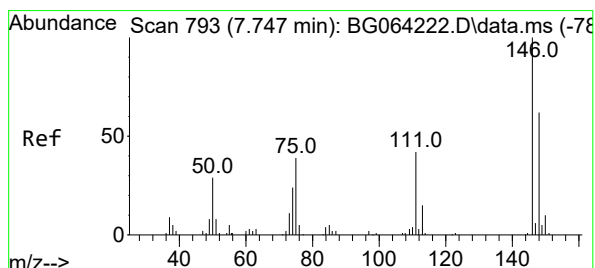
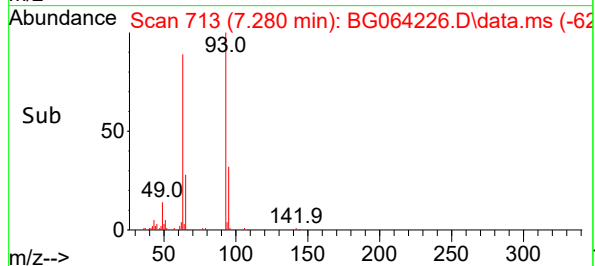
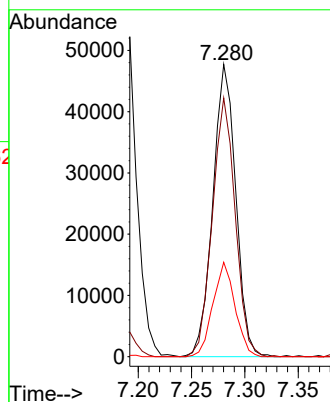
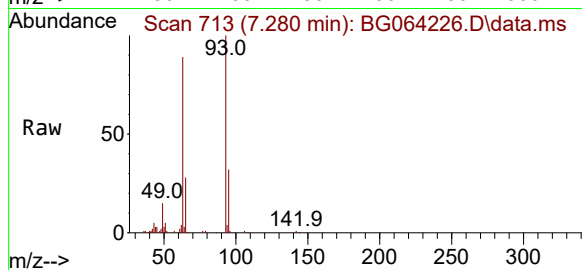
95 32.3 9.8 49.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#12

1,3-Dichlorobenzene

Concen: 37.215 ng

RT: 7.750 min Scan# 793

Delta R.T. 0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

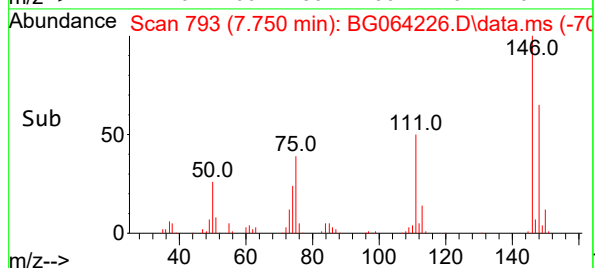
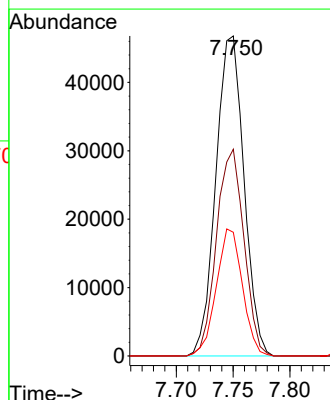
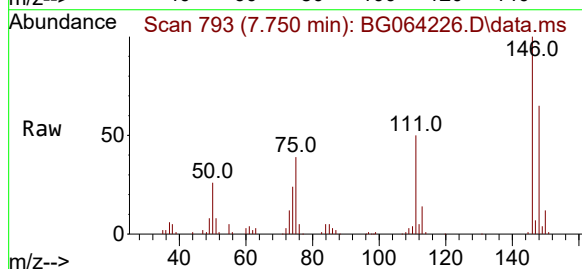
Tgt Ion:146 Resp: 80599

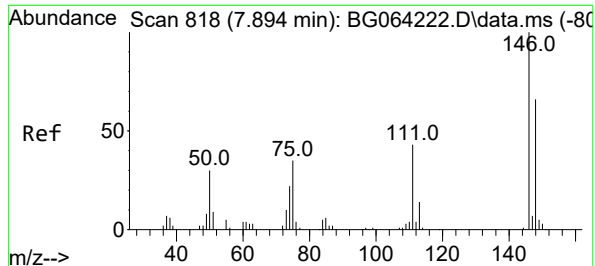
Ion Ratio Lower Upper

146 100

148 64.6 49.6 74.4

75 38.6 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 38.174 ng

RT: 7.891 min Scan# 818

Delta R.T. -0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

Instrument :

BNA_G

ClientSampleId :

ICVBG082825

Tgt Ion:146 Resp: 83439

Ion Ratio Lower Upper

146 100

148 60.0 52.8 79.2

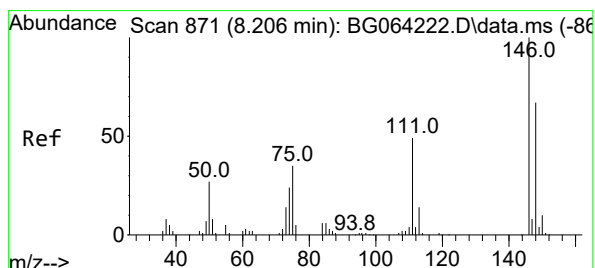
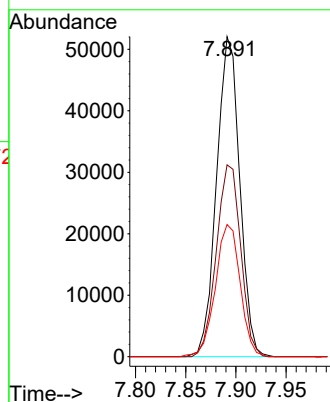
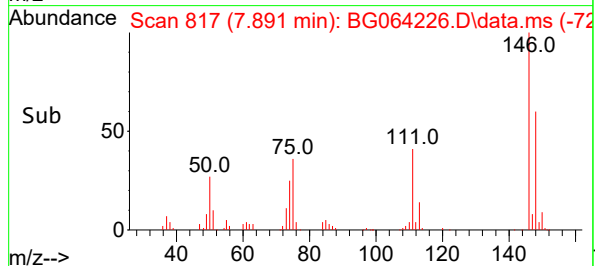
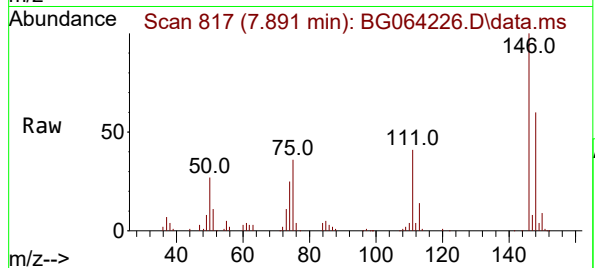
111 41.3 34.1 51.1

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#14

1,2-Dichlorobenzene

Concen: 39.476 ng

RT: 8.208 min Scan# 871

Delta R.T. -0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

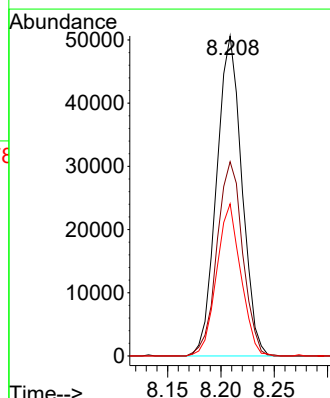
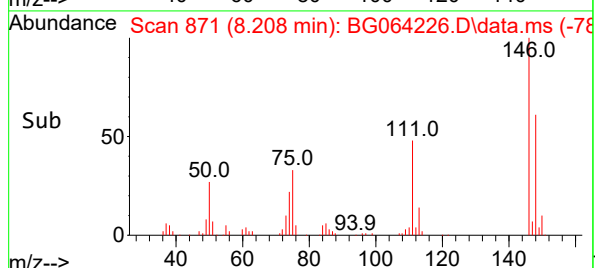
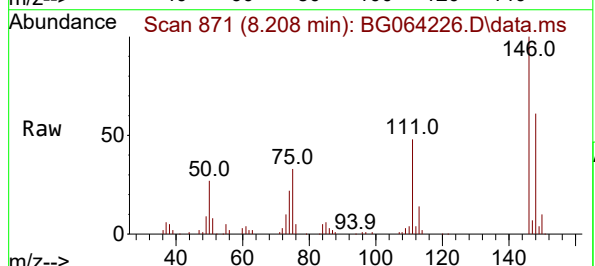
Tgt Ion:146 Resp: 83276

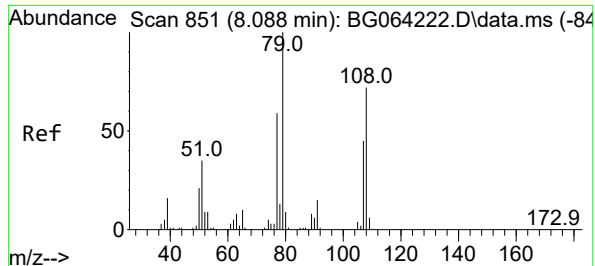
Ion Ratio Lower Upper

146 100

148 60.7 53.4 80.0

111 47.5 39.1 58.7





#15

Benzyl Alcohol

Concen: 38.856 ng

RT: 8.091 min Scan# 80

Delta R.T. -0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

Instrument :

BNA_G

ClientSampleId :

ICVBG082825

Tgt Ion: 79 Resp: 82068

Ion Ratio Lower Upper

79 100

108 72.4 57.4 86.0

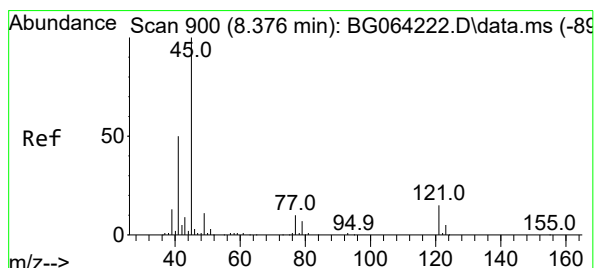
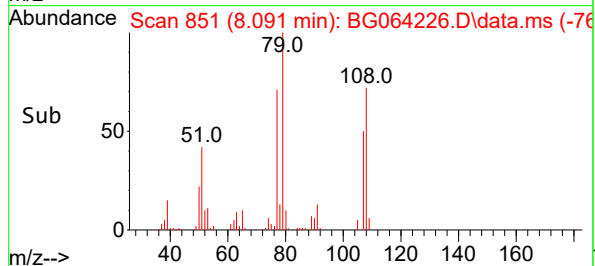
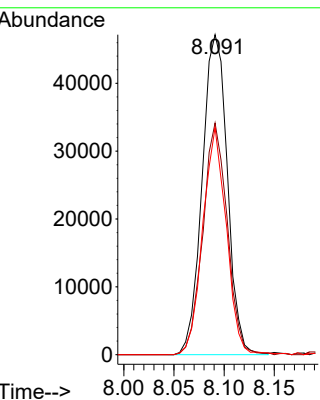
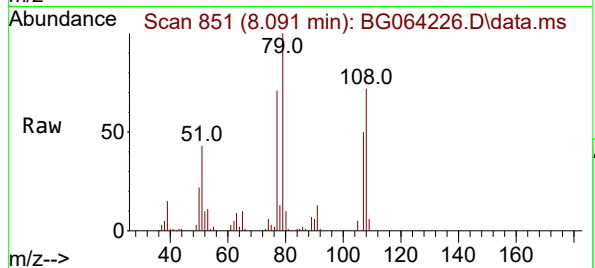
77 71.0 47.2 70.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.690 ng

RT: 8.385 min Scan# 901

Delta R.T. 0.009 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

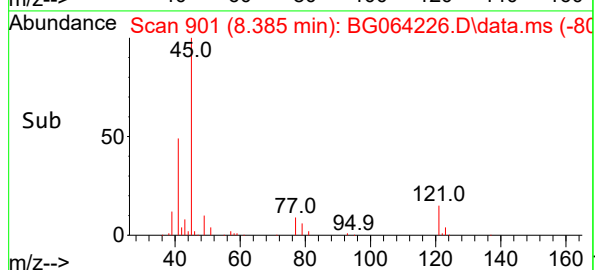
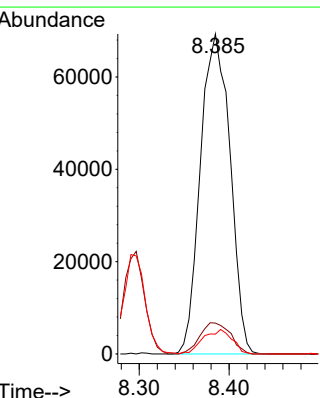
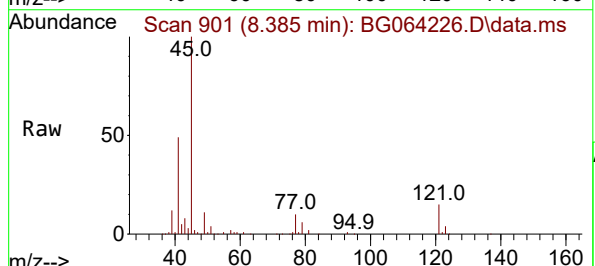
Tgt Ion: 45 Resp: 158838

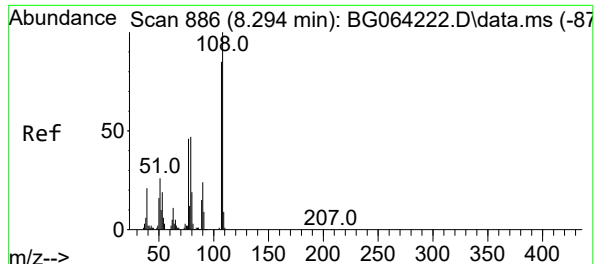
Ion Ratio Lower Upper

45 100

77 9.7 0.0 30.0

79 6.2 0.0 27.9





#17

2-Methylphenol

Concen: 37.241 ng

RT: 8.297 min Scan# 886

Delta R.T. -0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

Instrument :

BNA_G

ClientSampleId :

ICVBG082825

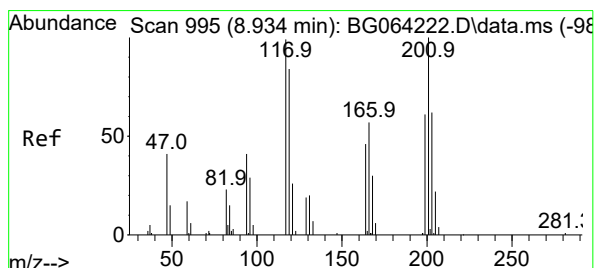
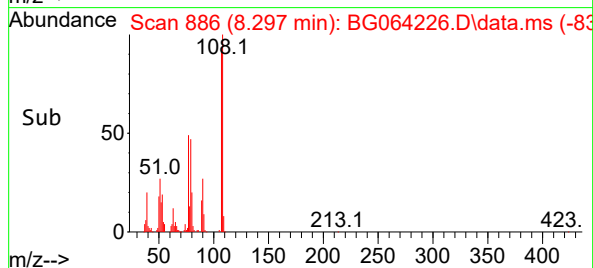
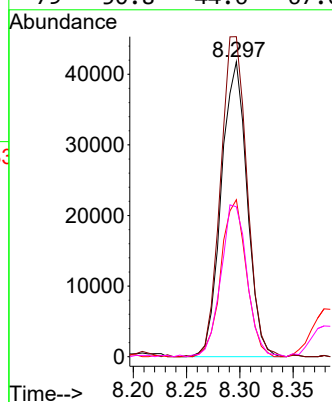
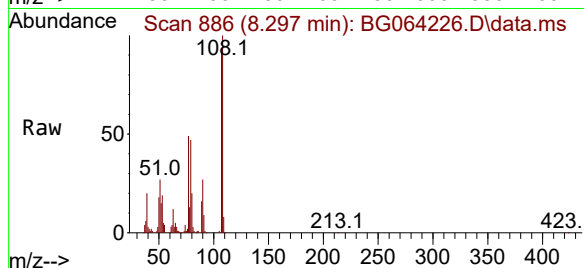
Tgt Ion:	107	Resp:	7003
Ion	Ratio	Lower	Upper
107	100		
108	108.5	94.6	141.8
77	53.2	43.7	65.5
79	50.8	44.6	67.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#18

Hexachloroethane

Concen: 36.223 ng

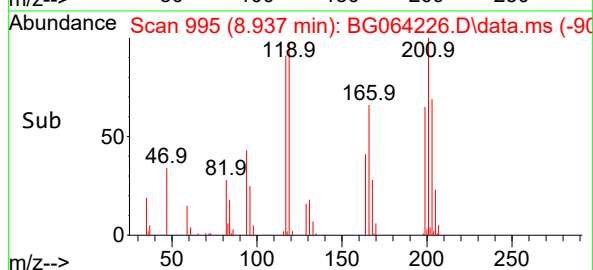
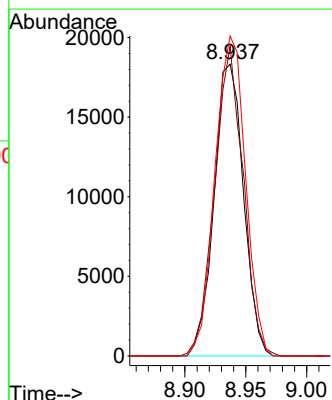
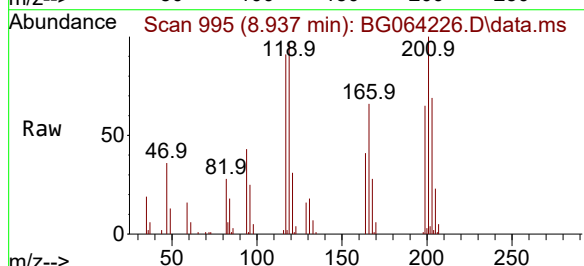
RT: 8.937 min Scan# 995

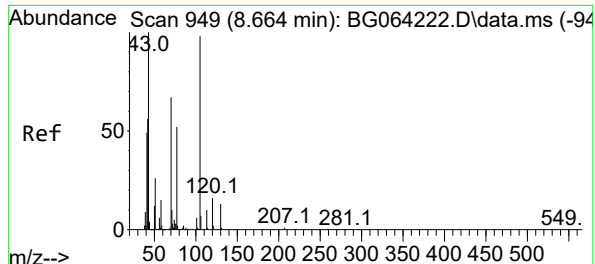
Delta R.T. 0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

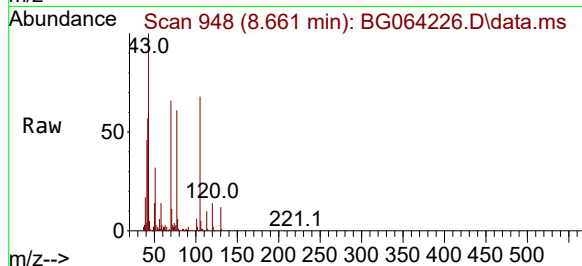
Tgt Ion:	117	Resp:	30906
Ion	Ratio	Lower	Upper
117	100		
119	103.9	67.9	101.9
201	107.4	80.5	120.7





#19
n-Nitroso-di-n-propylamine
Concen: 39.592 ng
RT: 8.661 min Scan# 94
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

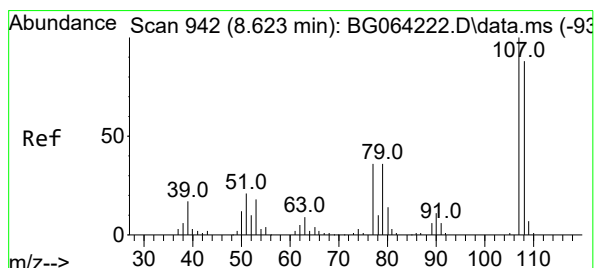
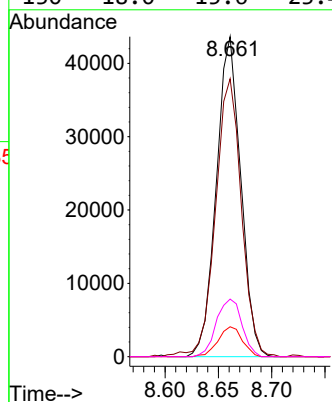
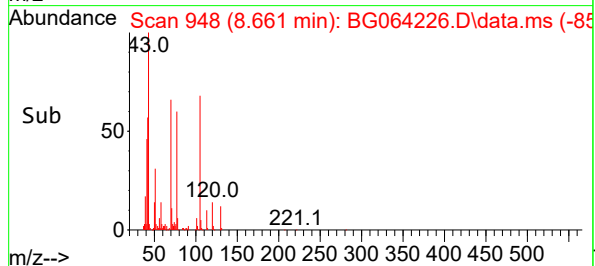
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion: 70 Resp: 69352
Ion Ratio Lower Upper
70 100
42 86.8 67.9 101.9
101 9.3 7.3 10.9
130 18.0 15.6 23.4

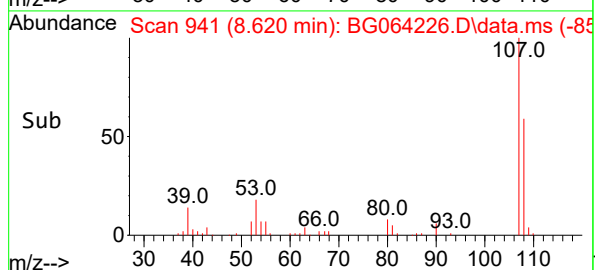
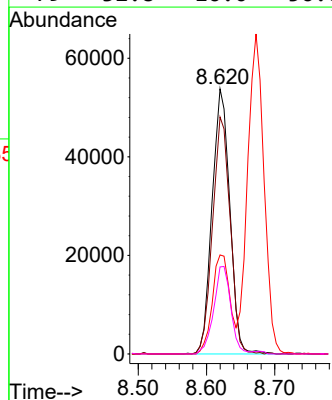
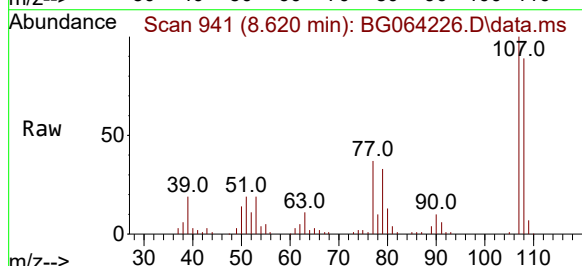
Manual Integrations
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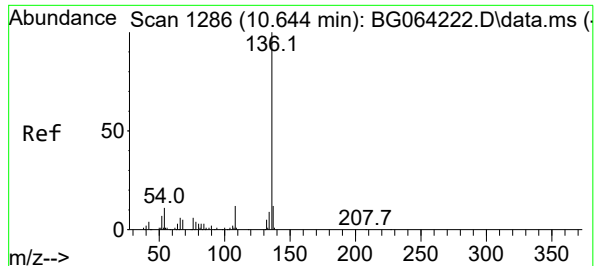
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#20
3+4-Methylphenols
Concen: 37.186 ng
RT: 8.620 min Scan# 941
Delta R.T. -0.009 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

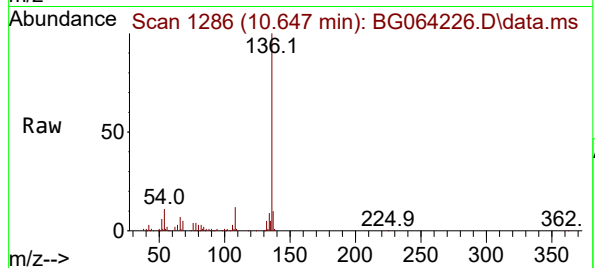
Tgt Ion:107 Resp: 97172
Ion Ratio Lower Upper
107 100
108 89.4 68.1 108.1
77 37.3 15.9 55.9
79 32.8 16.0 56.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.647 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

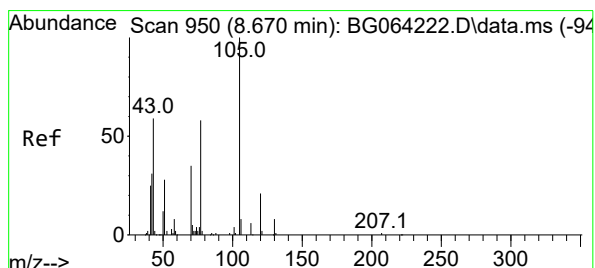
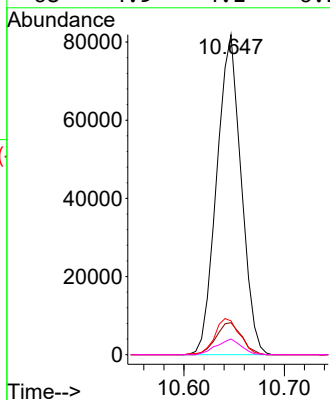
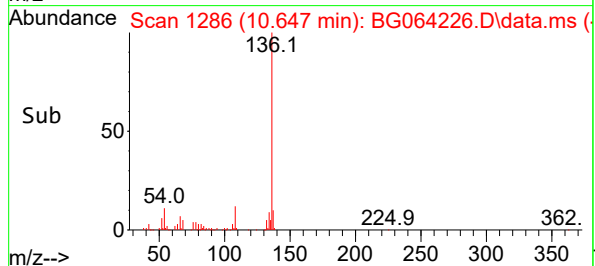
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion:136 Resp: 13832
Ion Ratio Lower Upper
136 100
137 10.0 9.6 14.4
54 10.5 8.8 13.2
68 4.9 4.1 6.1

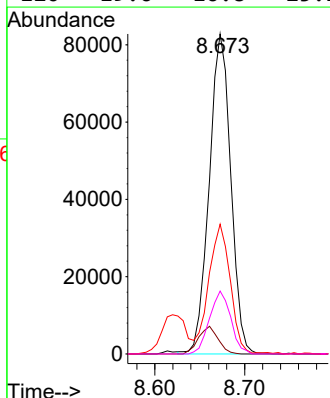
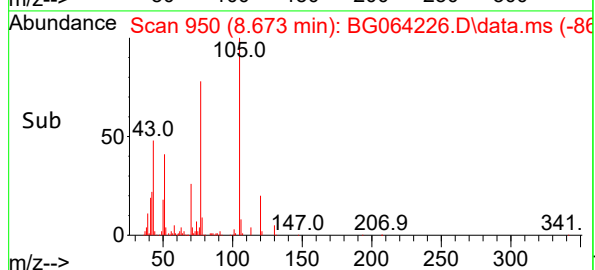
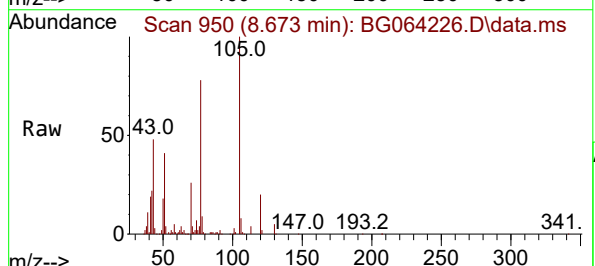
Manual Integrations
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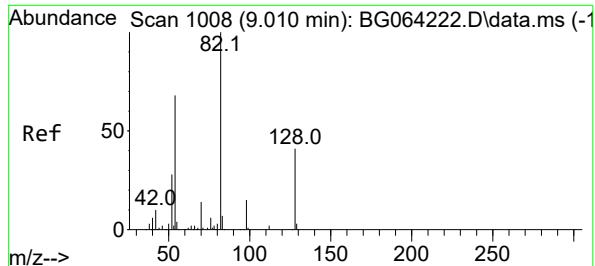
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#22
Acetophenone
Concen: 39.493 ng
RT: 8.673 min Scan# 950
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

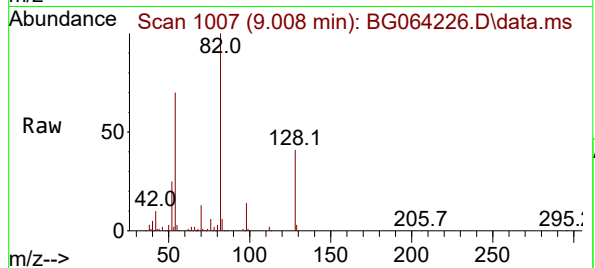
Tgt Ion:105 Resp: 138203
Ion Ratio Lower Upper
105 100
71 3.8 4.3 6.5#
51 40.5 32.4 48.6
120 19.6 16.8 25.2





#23
Nitrobenzene-d5
Concen: 76.975 ng
RT: 9.008 min Scan# 1007
Delta R.T. -0.009 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

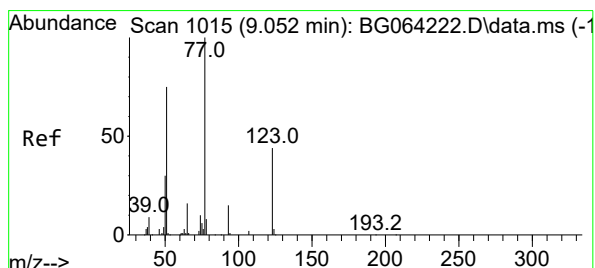
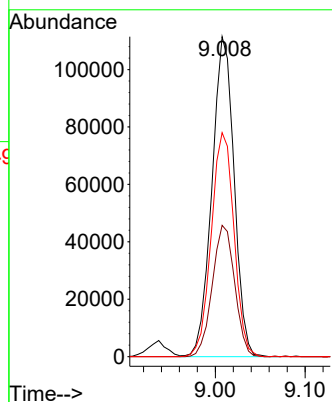
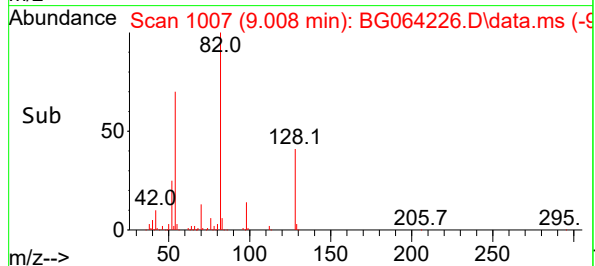
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion: 82 Resp: 190915
Ion Ratio Lower Upper
82 100
128 41.1 32.6 48.8
54 70.0 54.7 82.1

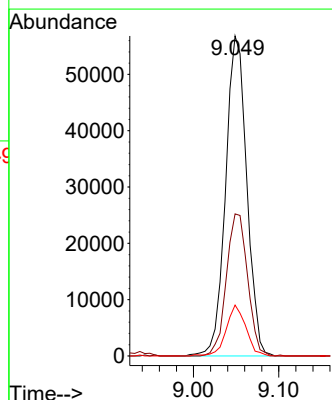
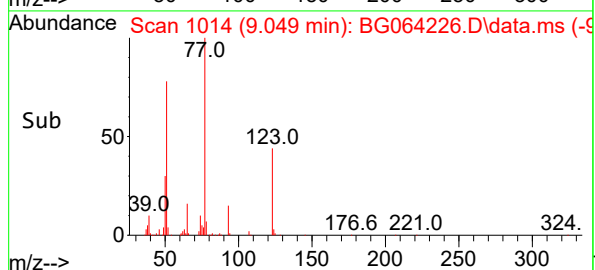
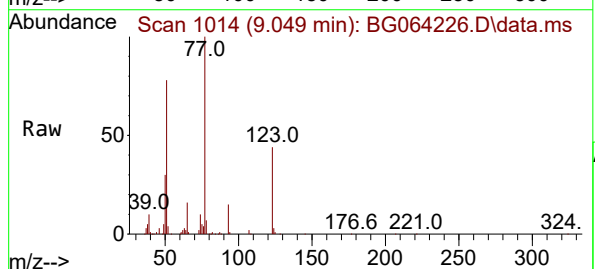
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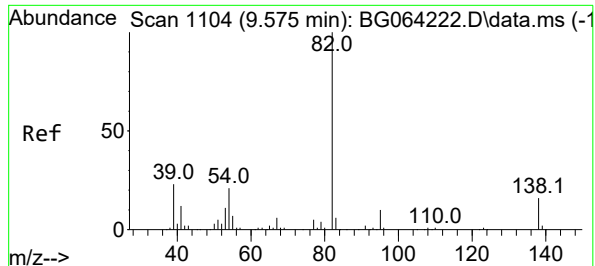
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#24
Nitrobenzene
Concen: 37.815 ng
RT: 9.049 min Scan# 1014
Delta R.T. -0.009 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

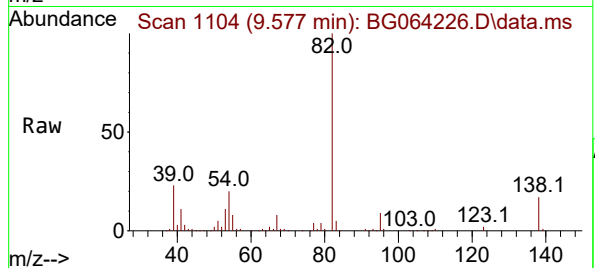
Tgt Ion: 77 Resp: 97991
Ion Ratio Lower Upper
77 100
123 44.4 35.2 52.8
65 15.9 12.6 19.0





#25
Isophorone
Concen: 39.413 ng
RT: 9.577 min Scan# 1104
Delta R.T. -0.009 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

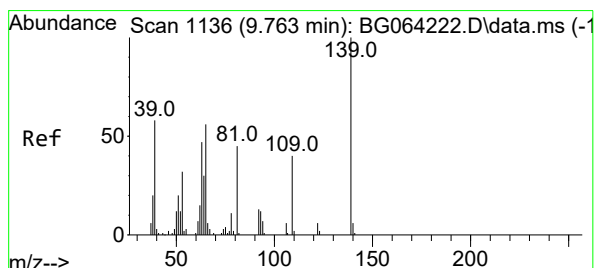
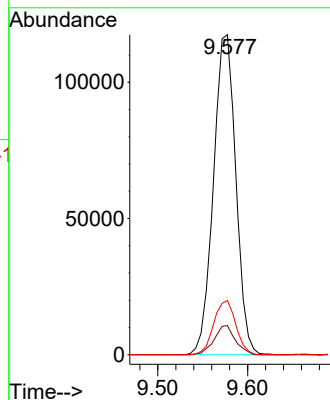
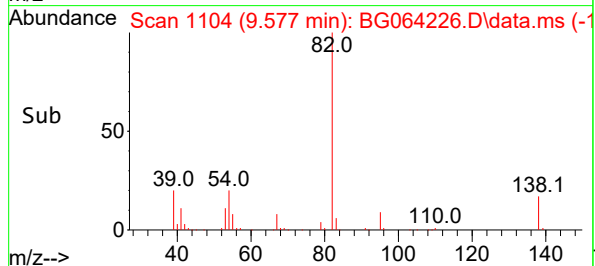
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion: 82 Resp: 20315
Ion Ratio Lower Upper
82 100
95 9.1 7.9 11.9
138 16.9 13.0 19.4

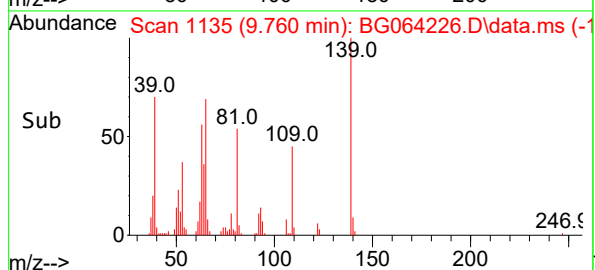
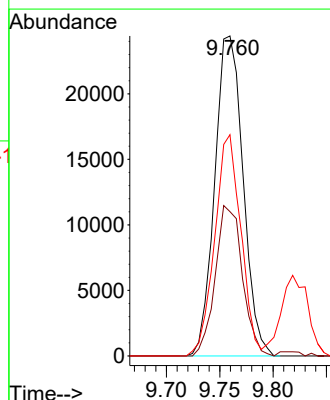
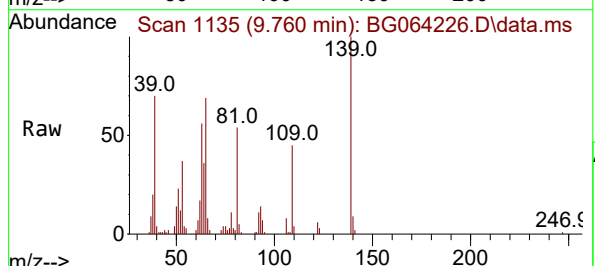
Manual Integrations
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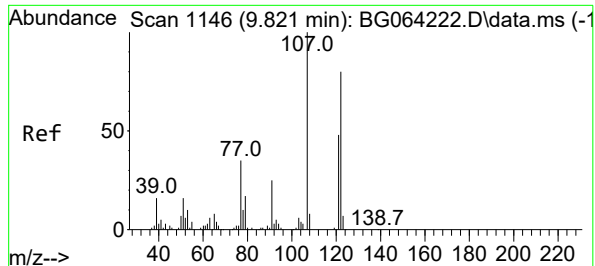
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#26
2-Nitrophenol
Concen: 40.318 ng
RT: 9.760 min Scan# 1135
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:139 Resp: 45144
Ion Ratio Lower Upper
139 100
109 45.1 32.4 48.6
65 69.2 44.6 67.0#





#27

2,4-Dimethylphenol

Concen: 41.907 ng

RT: 9.824 min Scan# 1146

Delta R.T. -0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

Instrument :

BNA_G

ClientSampleId :

ICVBG082825

Tgt Ion:122 Resp: 8238

Ion Ratio Lower Upper

122 100

107 118.4 99.9 149.9

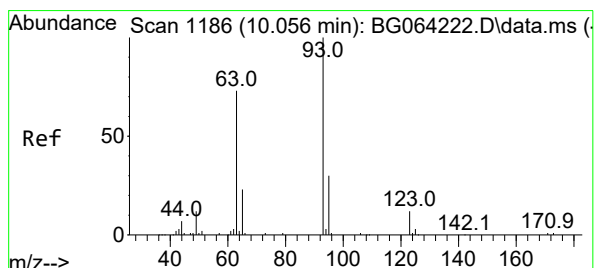
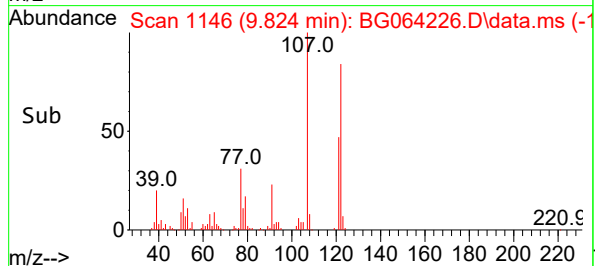
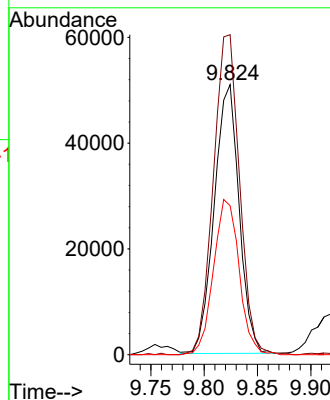
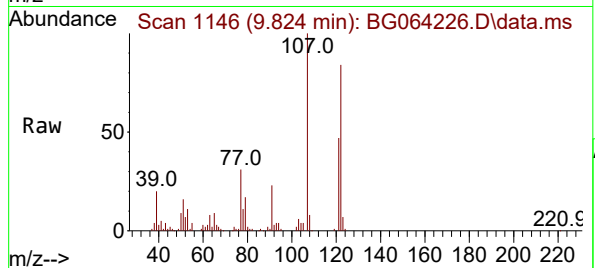
121 55.2 48.6 72.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#28

bis(2-Chloroethoxy)methane

Concen: 38.946 ng

RT: 10.059 min Scan# 1186

Delta R.T. -0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

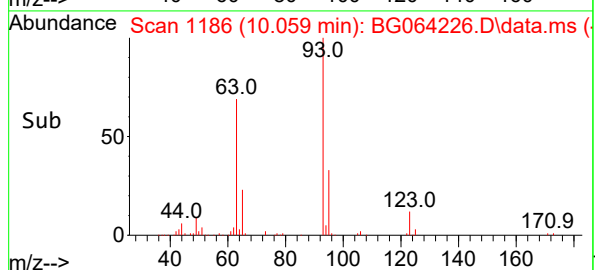
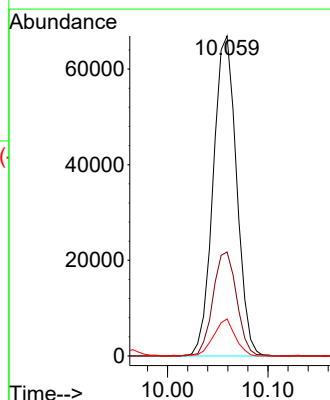
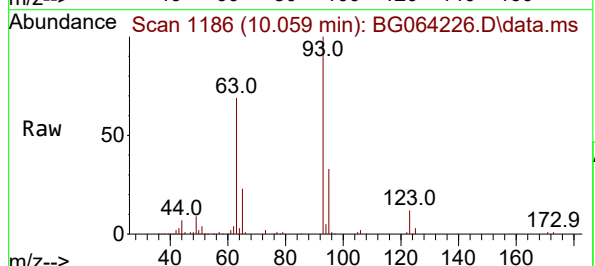
Tgt Ion: 93 Resp: 108249

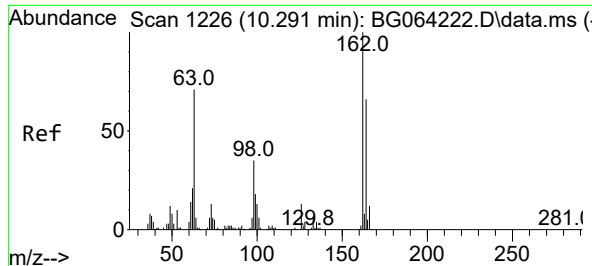
Ion Ratio Lower Upper

93 100

95 32.5 23.9 35.9

123 11.5 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 37.784 ng

RT: 10.288 min Scan# 1225

Delta R.T. -0.009 min

Lab File: BG064226.D

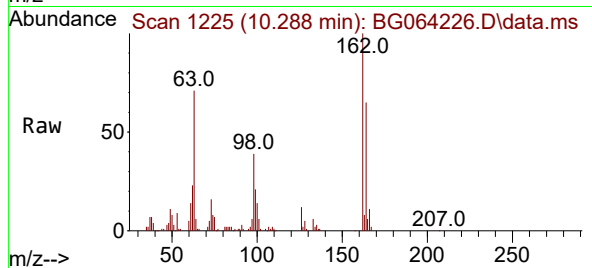
Acq: 28 Aug 2025 18:19

Instrument :

BNA_G

ClientSampleId :

ICVBG082825



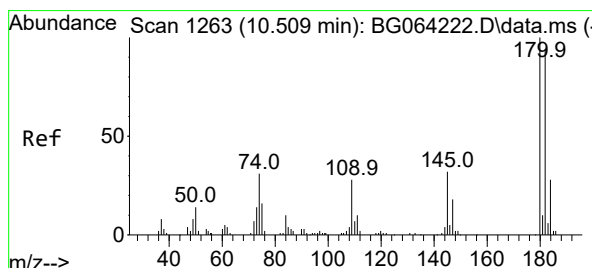
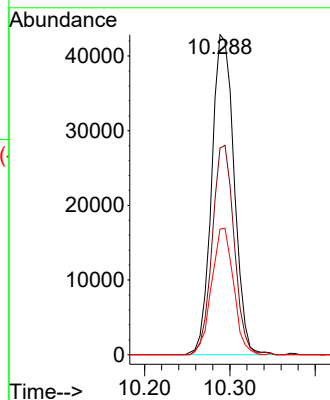
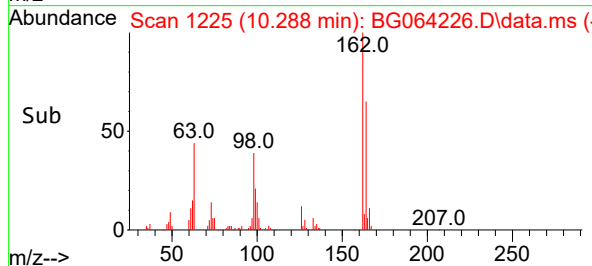
Tgt Ion:	162	Resp:	7837
Ion	Ratio	Lower	Upper
162	100		
164	64.6	45.8	85.8
98	39.2	15.2	55.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#30

1,2,4-Trichlorobenzene

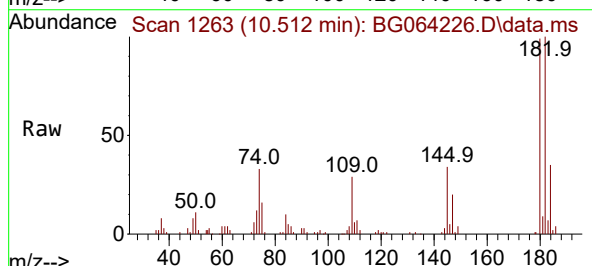
Concen: 38.773 ng

RT: 10.512 min Scan# 1263

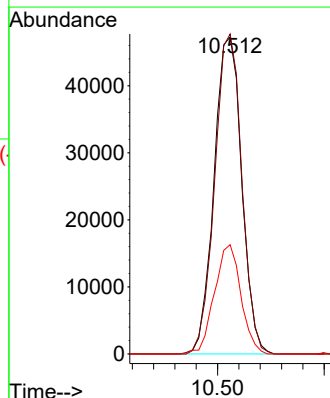
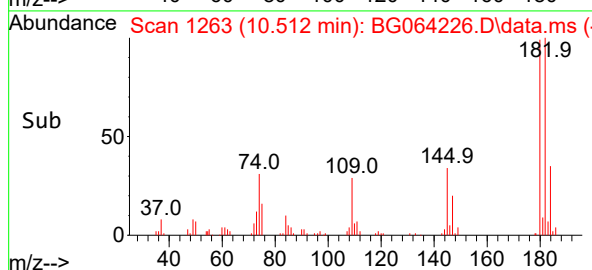
Delta R.T. 0.003 min

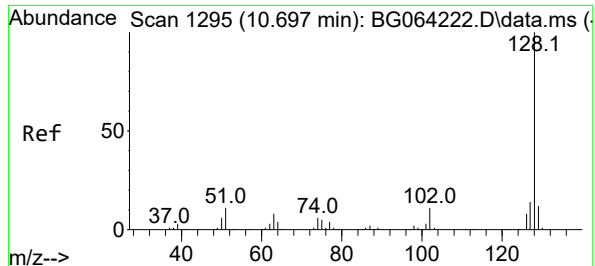
Lab File: BG064226.D

Acq: 28 Aug 2025 18:19



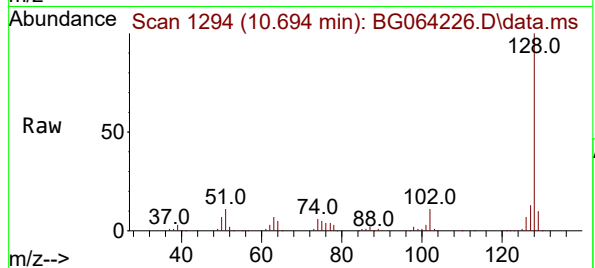
Tgt Ion:	180	Resp:	84798
Ion	Ratio	Lower	Upper
180	100		
182	100.9	75.0	112.6
145	34.5	25.4	38.0





#31
Naphthalene
Concen: 37.507 ng
RT: 10.694 min Scan# 1295
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

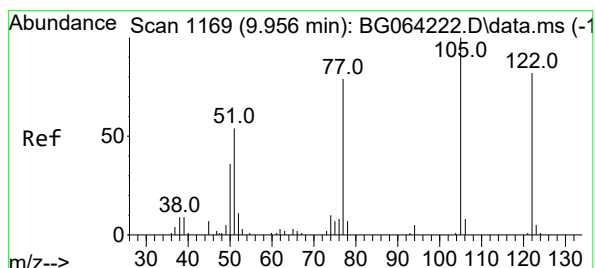
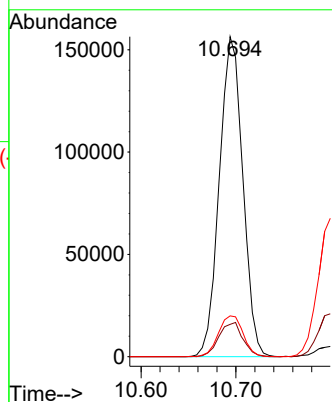
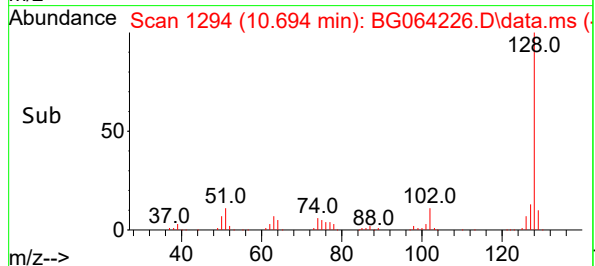
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion:128 Resp: 269029
Ion Ratio Lower Upper
128 100
129 10.1 9.4 14.2
127 12.8 10.9 16.3

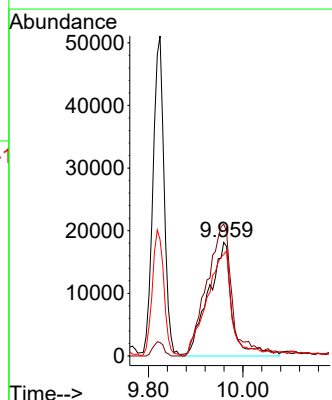
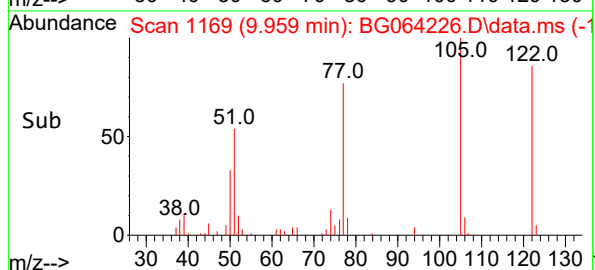
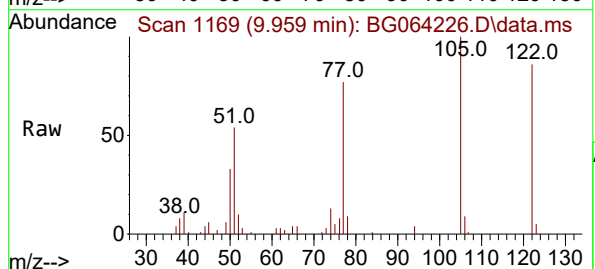
Manual Integrations
APPROVED

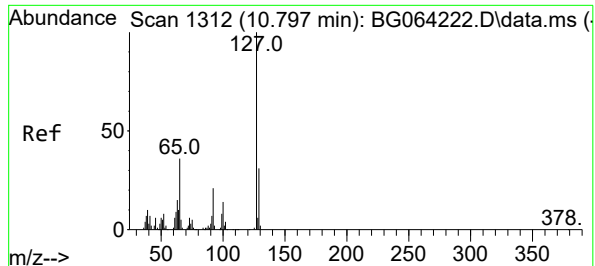
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#32
Benzoic acid
Concen: 40.656 ng m
RT: 9.959 min Scan# 1169
Delta R.T. -0.056 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

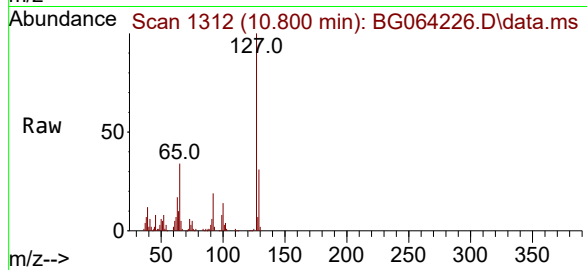
Tgt Ion:122 Resp: 63444
Ion Ratio Lower Upper
122 100
105 116.0 98.5 138.5
77 89.2 74.6 114.6





#33
4-Chloroaniline
Concen: 43.702 ng
RT: 10.800 min Scan# 1312
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

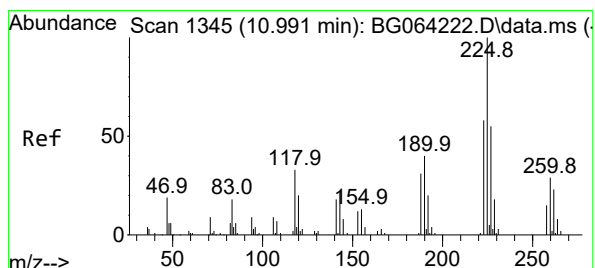
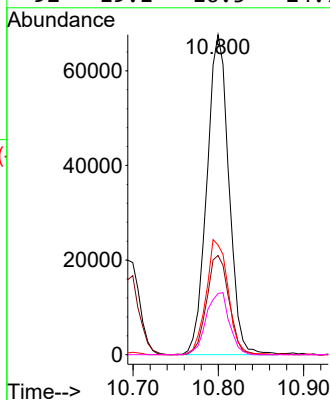
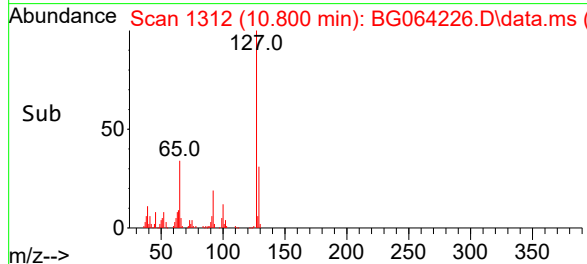
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



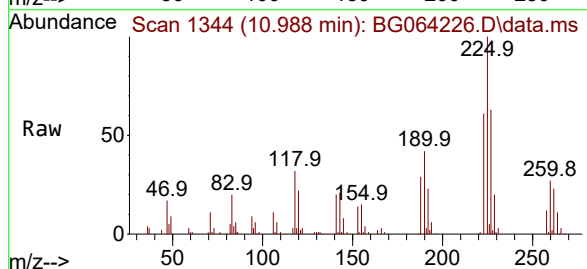
Tgt Ion:127 Resp: 121492
Ion Ratio Lower Upper
127 100
129 31.0 25.0 37.4
65 34.3 28.7 43.1
92 19.1 16.5 24.7

Manual Integrations
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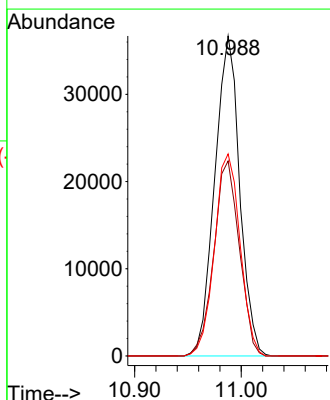
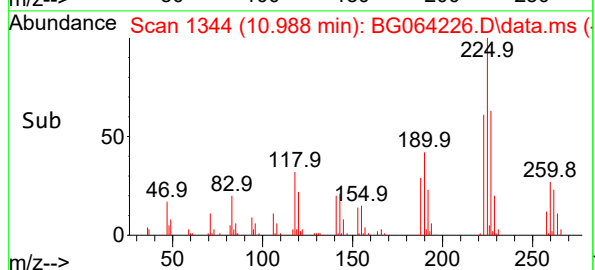
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

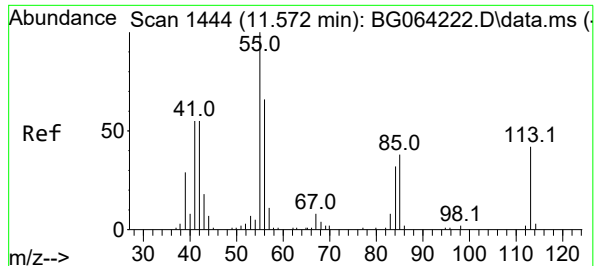


#34
Hexachlorobutadiene
Concen: 36.817 ng
RT: 10.988 min Scan# 1344
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19



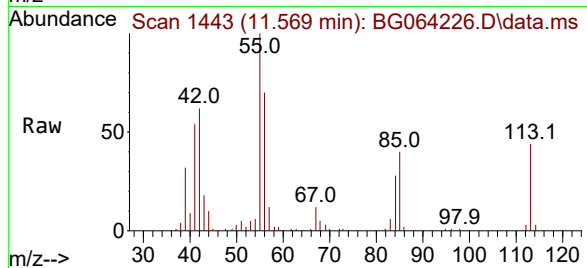
Tgt Ion:225 Resp: 59520
Ion Ratio Lower Upper
225 100
223 60.9 46.5 69.7
227 63.2 44.1 66.1





#35
Caprolactam
Concen: 38.456 ng
RT: 11.569 min Scan# 1443
Delta R.T. -0.033 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

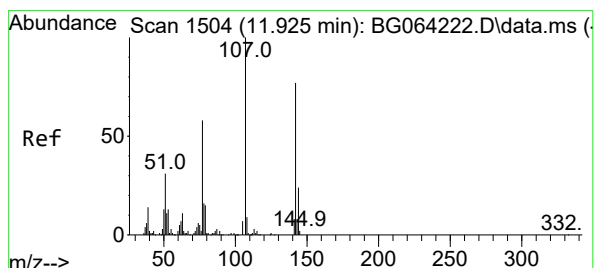
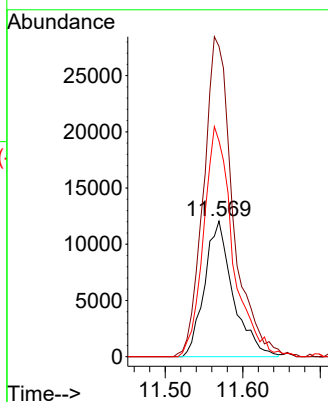
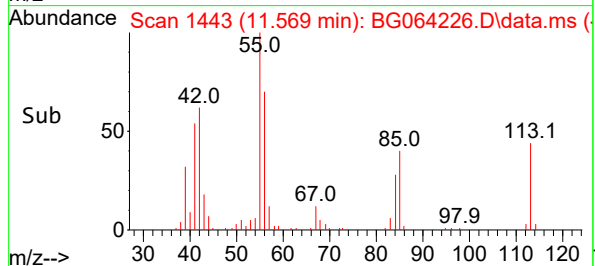
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion:113 Resp: 30880
Ion Ratio Lower Upper
113 100
55 229.0 218.5 258.5
56 159.2 138.5 178.5

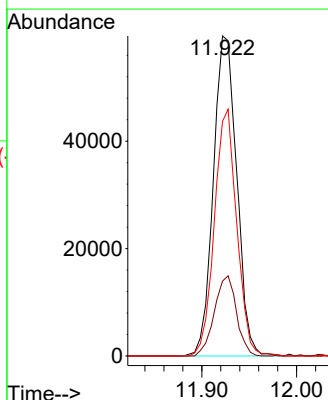
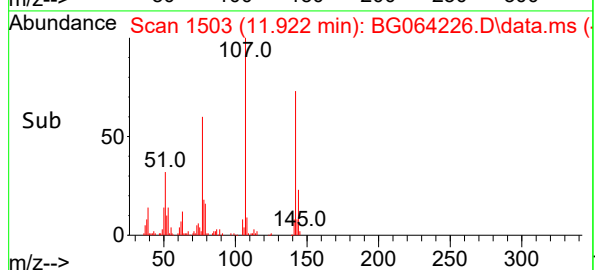
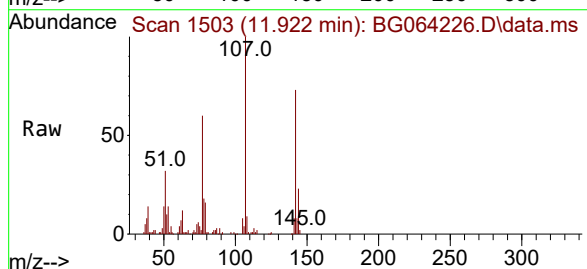
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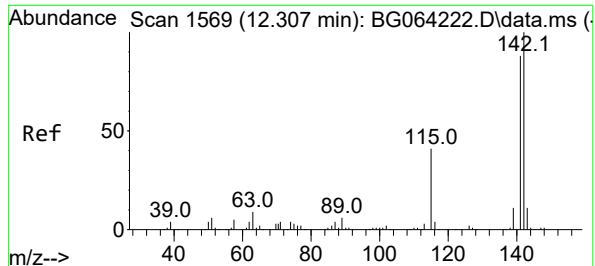
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#36
4-Chloro-3-methylphenol
Concen: 38.019 ng
RT: 11.922 min Scan# 1503
Delta R.T. -0.009 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

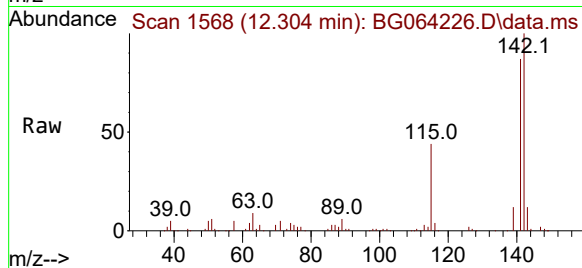
Tgt Ion:107 Resp: 102318
Ion Ratio Lower Upper
107 100
144 23.4 19.5 29.3
142 73.3 62.0 93.0





#37
2-Methylnaphthalene
Concen: 34.277 ng
RT: 12.304 min Scan# 1569
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

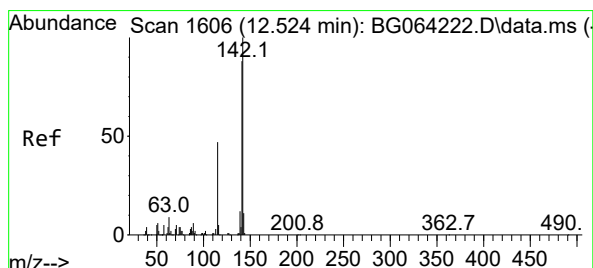
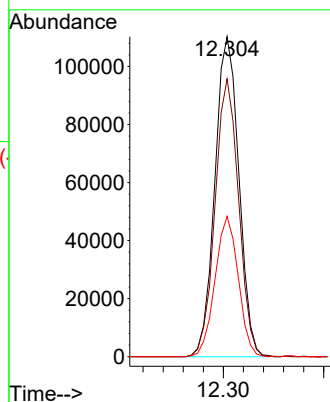
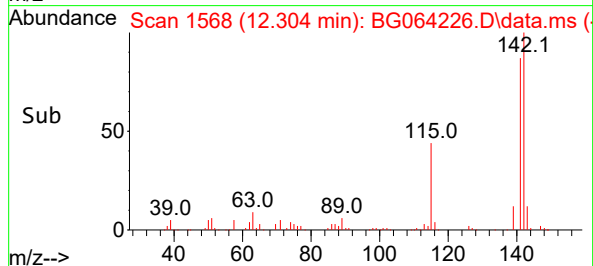
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion:142 Resp: 182749
Ion Ratio Lower Upper
142 100
141 86.8 70.1 105.1
115 43.8 33.1 49.7

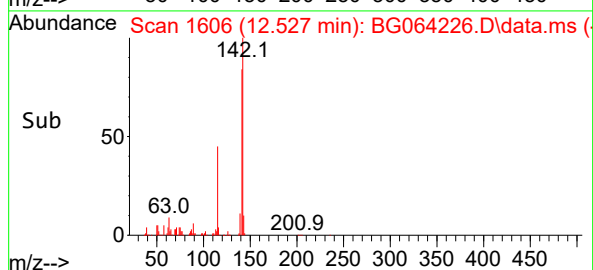
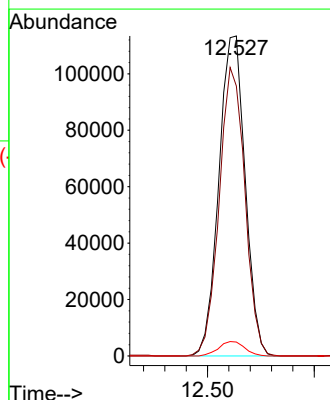
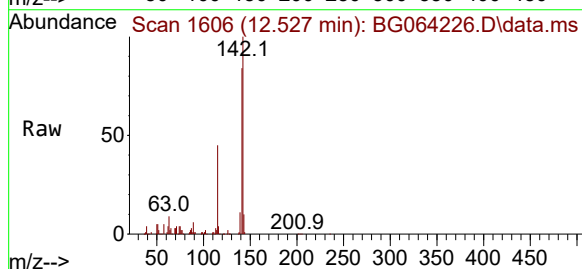
Manual Integrations
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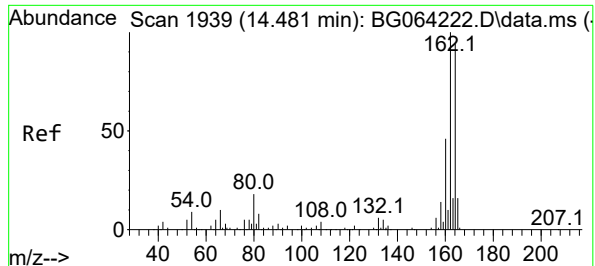
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#38
1-Methylnaphthalene
Concen: 36.825 ng
RT: 12.527 min Scan# 1606
Delta R.T. 0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:142 Resp: 193924
Ion Ratio Lower Upper
142 100
141 84.3 70.3 105.5
116 4.3 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.483 min Scan# 1939

Delta R.T. 0.002 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

Instrument :

BNA_G

ClientSampleId :

ICVBG082825

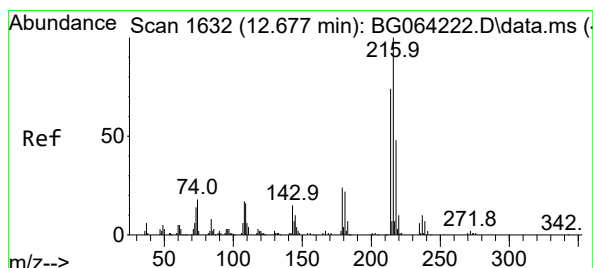
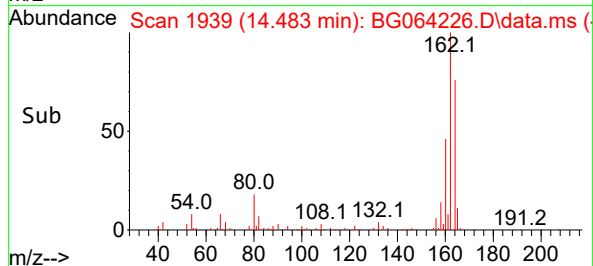
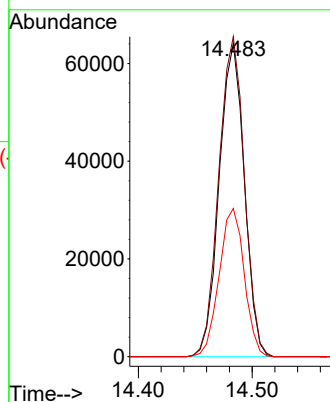
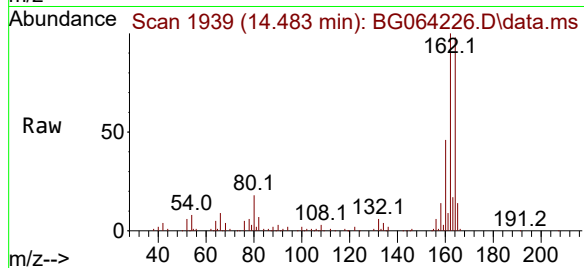
Tgt Ion:	164	Resp:	98110
Ion	Ratio	Lower	Upper
164	100		
162	102.1	85.4	128.0
160	47.3	39.2	58.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.648 ng

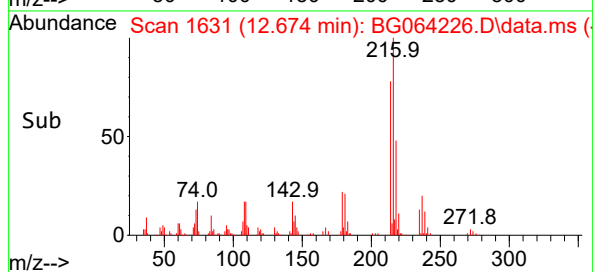
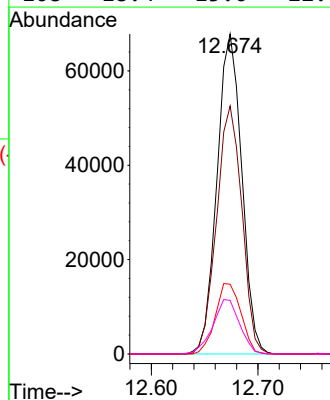
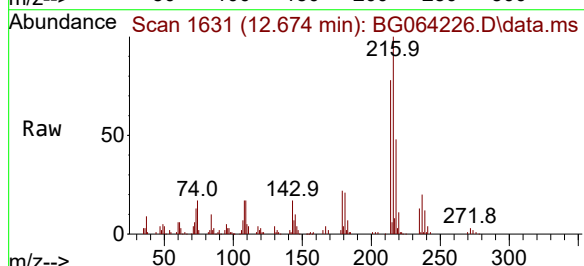
RT: 12.674 min Scan# 1631

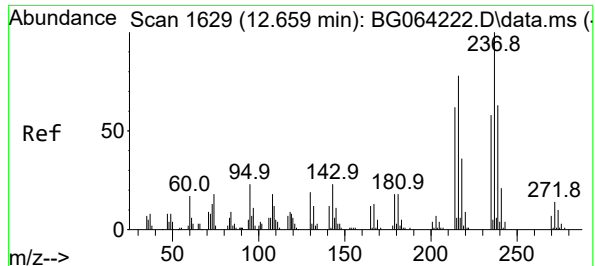
Delta R.T. -0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

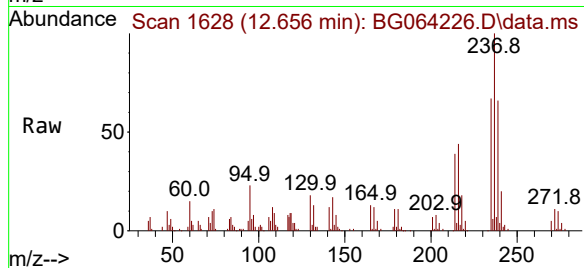
Tgt Ion:	216	Resp:	109403
Ion	Ratio	Lower	Upper
216	100		
214	79.0	61.9	92.9
179	22.7	17.9	26.9
108	18.4	15.0	22.4





#41
Hexachlorocyclopentadiene
Concen: 51.474 ng
RT: 12.656 min Scan# 1628
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

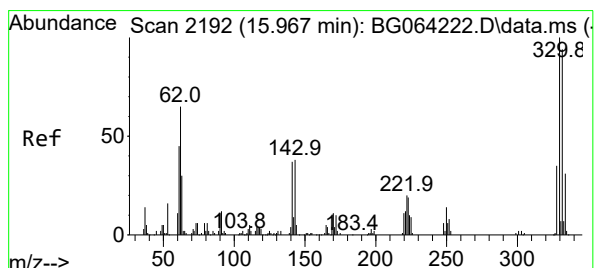
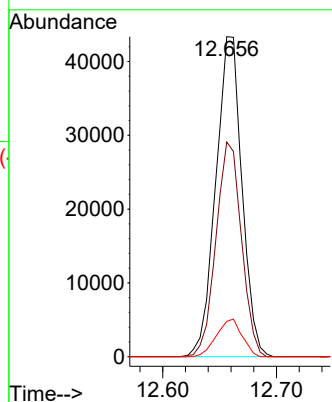
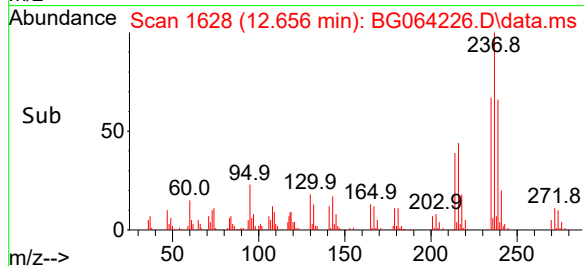
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion:237 Resp: 69252
Ion Ratio Lower Upper
237 100
235 67.1 37.9 77.9
272 11.1 0.0 33.8

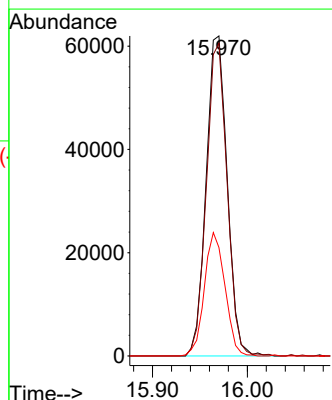
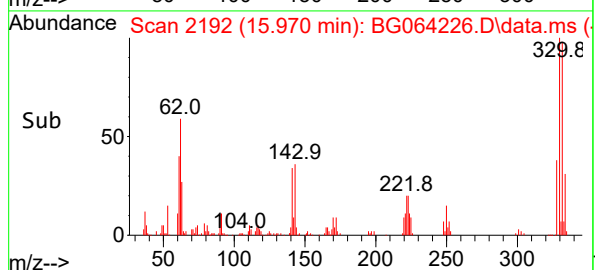
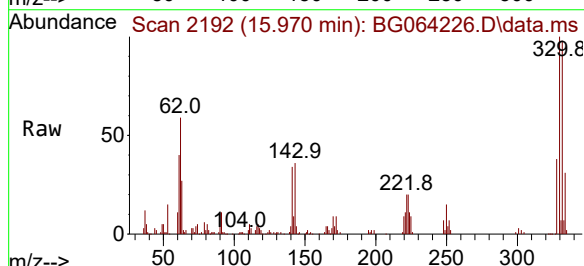
Manual Integrations
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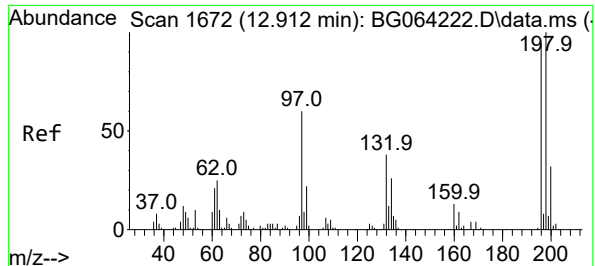
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#42
2,4,6-Tribromophenol
Concen: 73.586 ng
RT: 15.970 min Scan# 2192
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:330 Resp: 95626
Ion Ratio Lower Upper
330 100
332 95.8 77.6 116.4
141 37.7 29.8 44.6





#43

2,4,6-Trichlorophenol

Concen: 39.413 ng

RT: 12.909 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG064226.D

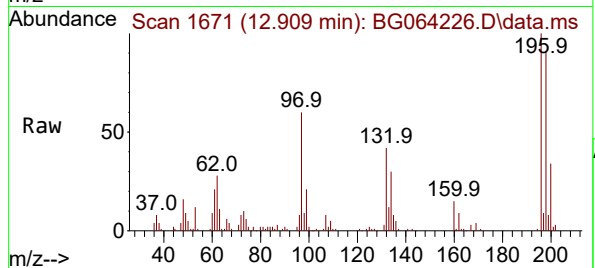
Acq: 28 Aug 2025 18:19

Instrument :

BNA_G

ClientSampleId :

ICVBG082825



Tgt Ion:196 Resp: 7457

Ion Ratio Lower Upper

196 100

198 90.8 85.4 128.2

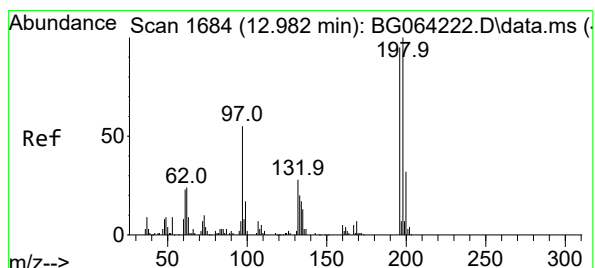
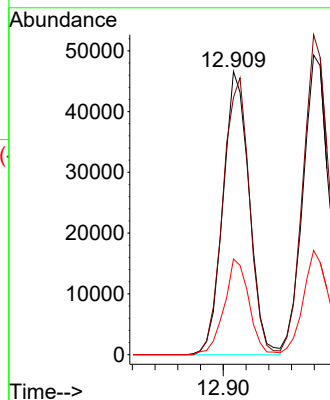
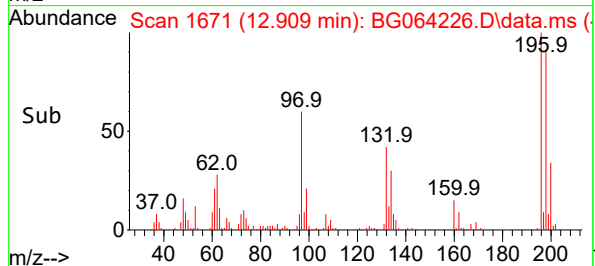
200 33.8 27.3 40.9

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#44

2,4,5-Trichlorophenol

Concen: 38.249 ng

RT: 12.979 min Scan# 1683

Delta R.T. -0.009 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

Tgt Ion:196 Resp: 78503

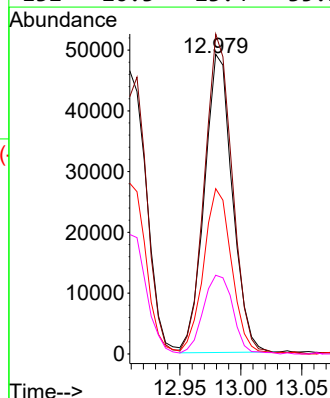
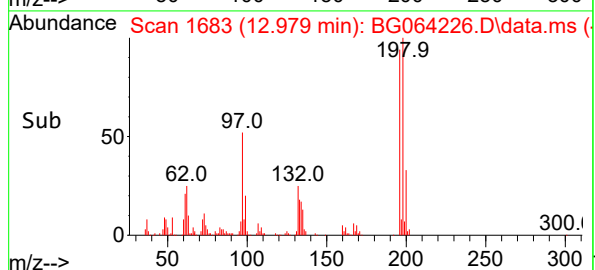
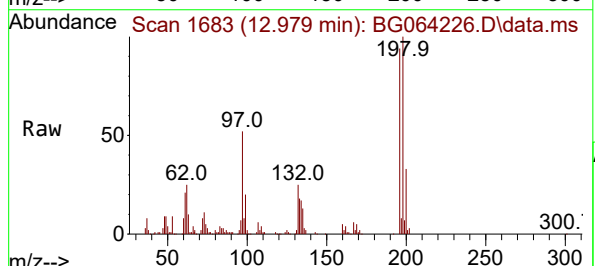
Ion Ratio Lower Upper

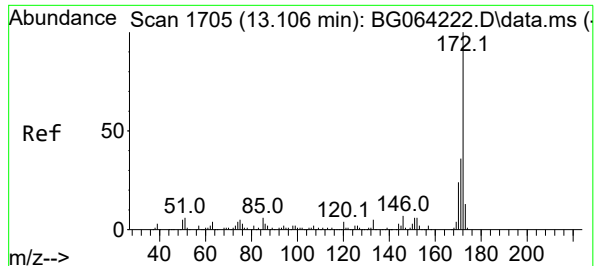
196 100

198 106.8 84.5 126.7

97 55.2 46.8 70.2

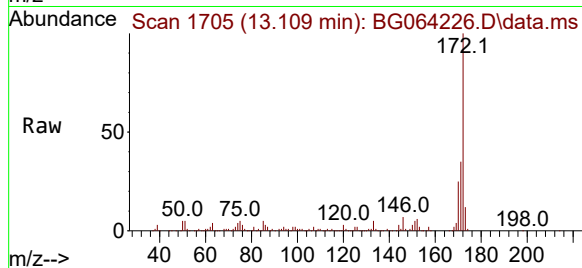
132 26.3 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 75.105 ng
RT: 13.109 min Scan# 1705
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

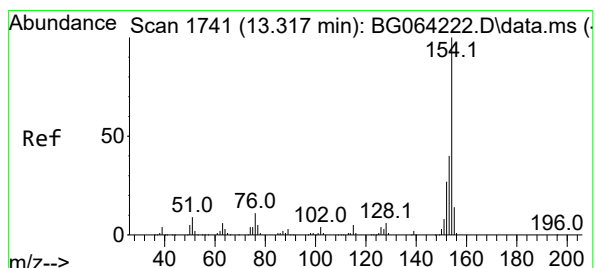
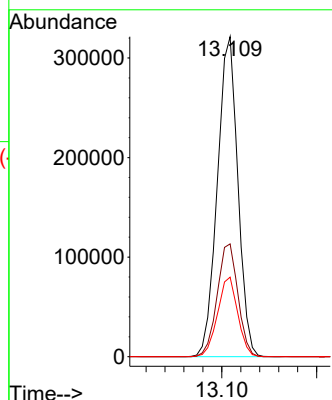
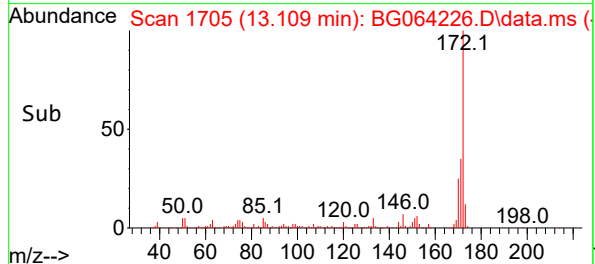
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion:172 Resp: 48275
Ion Ratio Lower Upper
172 100
171 35.3 28.7 43.1
170 24.9 19.0 28.6

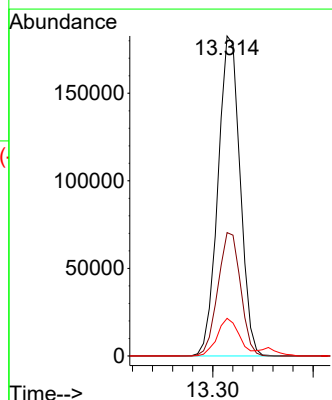
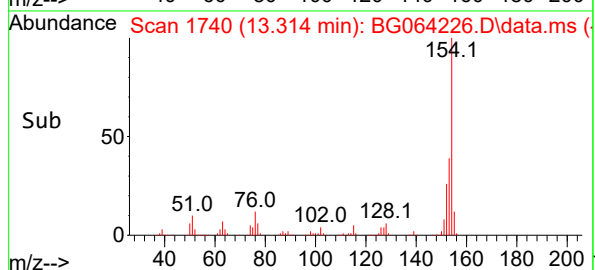
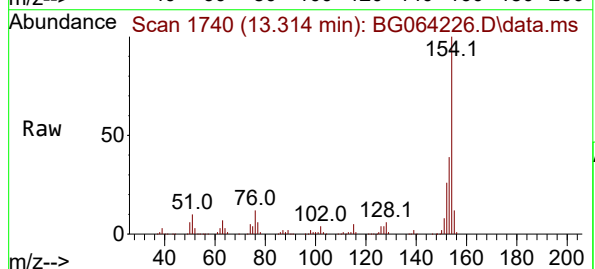
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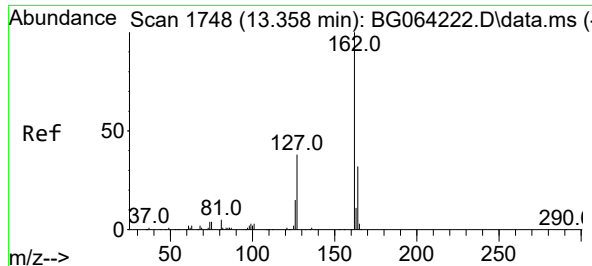
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#46
1,1'-Biphenyl
Concen: 39.011 ng
RT: 13.314 min Scan# 1740
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

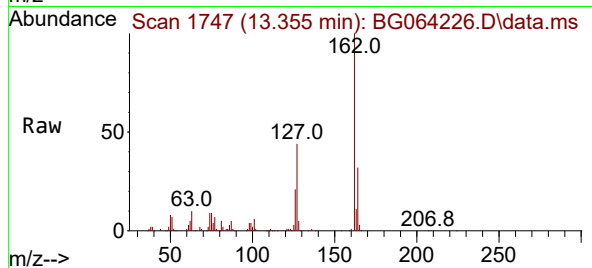
Tgt Ion:154 Resp: 278762
Ion Ratio Lower Upper
154 100
153 38.5 19.9 59.9
76 11.7 0.0 30.9





#47
2-Chloronaphthalene
Concen: 38.279 ng
RT: 13.355 min Scan# 1748
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

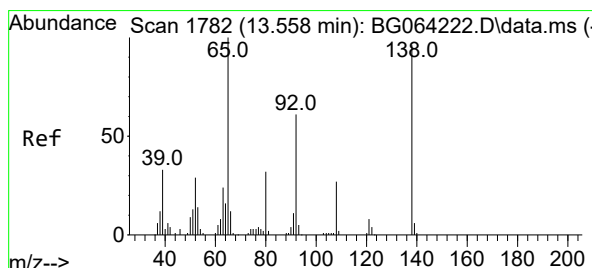
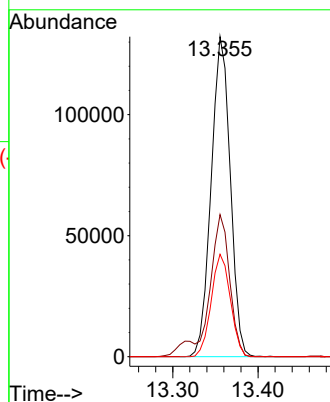
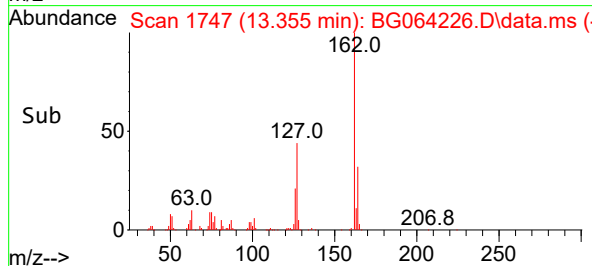
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion:162 Resp: 20564
Ion Ratio Lower Upper
162 100
127 44.4 33.9 50.9
164 32.0 25.4 38.2

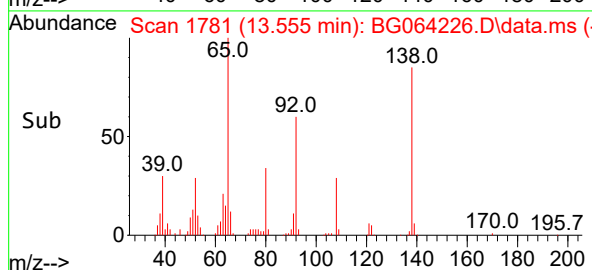
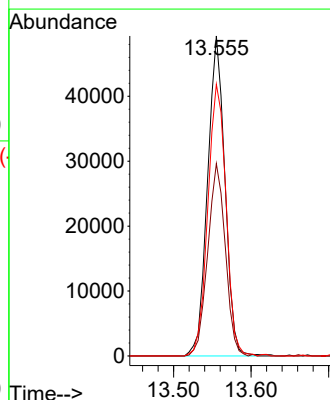
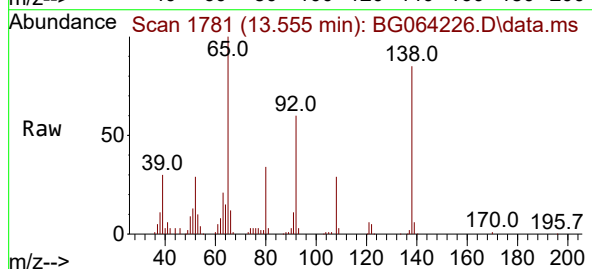
Manual Integrations
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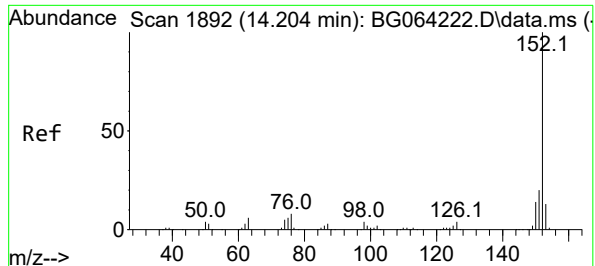
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#48
2-Nitroaniline
Concen: 41.777 ng
RT: 13.555 min Scan# 1781
Delta R.T. -0.009 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion: 65 Resp: 76496
Ion Ratio Lower Upper
65 100
92 60.1 49.2 73.8
138 84.9 76.8 115.2





#49

Acenaphthylene

Concen: 43.553 ng

RT: 14.201 min Scan# 1891

Delta R.T. -0.003 min

Lab File: BG064226.D

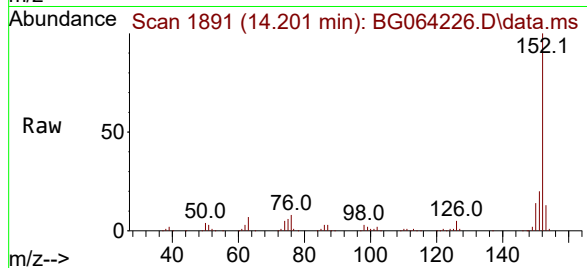
Acq: 28 Aug 2025 18:19

Instrument :

BNA_G

ClientSampleId :

ICVBG082825



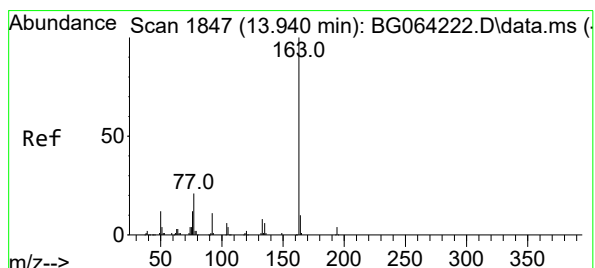
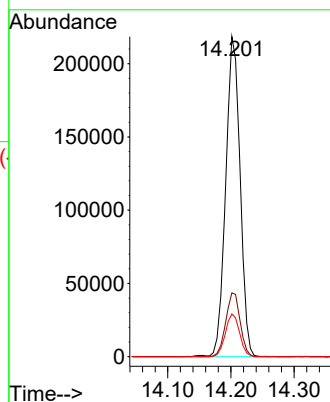
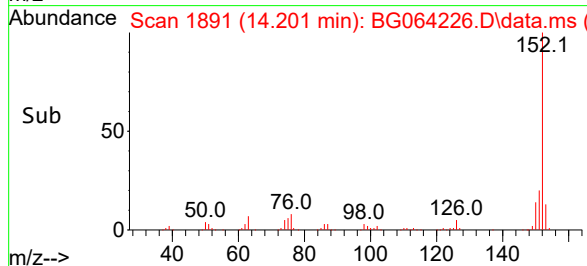
Tgt Ion:152	Resp: 34586
Ion Ratio	Lower Upper
152	100
151	20.0 16.2 24.2
153	13.4 10.1 15.1

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#50

Dimethylphthalate

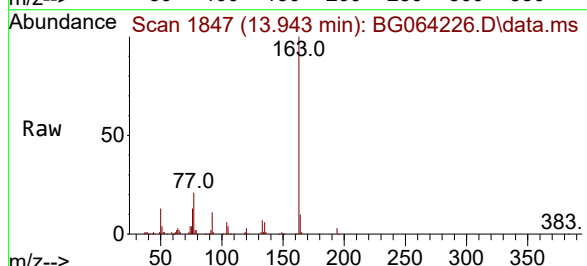
Concen: 37.909 ng

RT: 13.943 min Scan# 1847

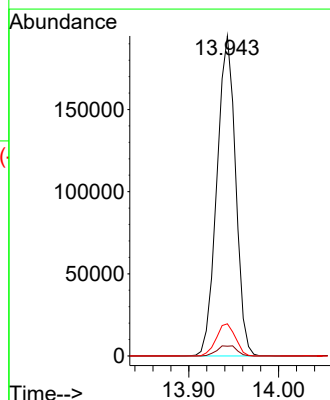
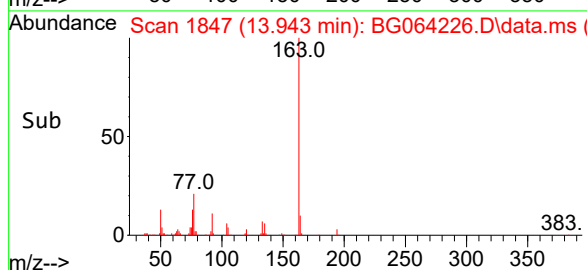
Delta R.T. -0.003 min

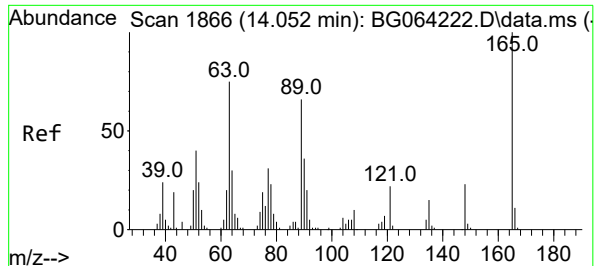
Lab File: BG064226.D

Acq: 28 Aug 2025 18:19



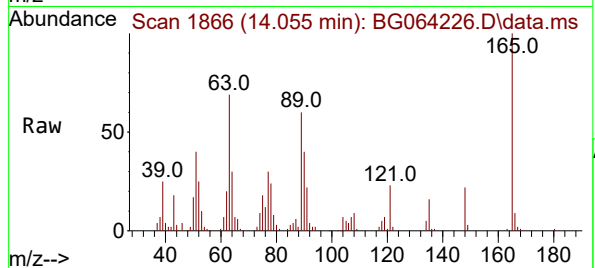
Tgt Ion:163	Resp: 281514
Ion Ratio	Lower Upper
163	100
194	3.0 3.0 4.4
164	10.1 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 42.818 ng
RT: 14.055 min Scan# 1866
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

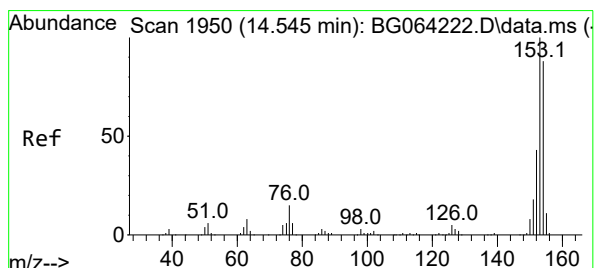
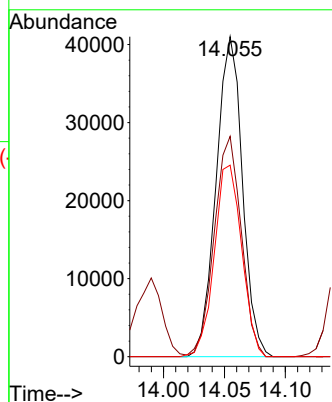
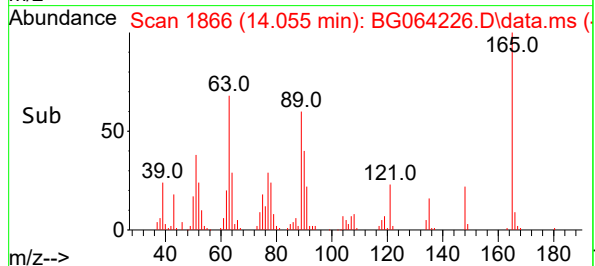
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion:165 Resp: 61558
Ion Ratio Lower Upper
165 100
63 68.9 60.3 90.5
89 59.9 52.9 79.3

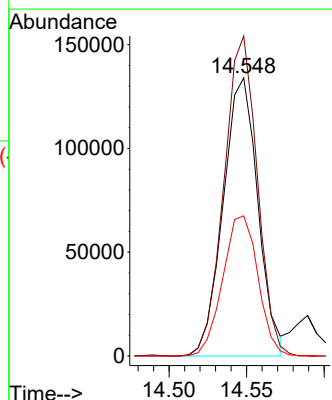
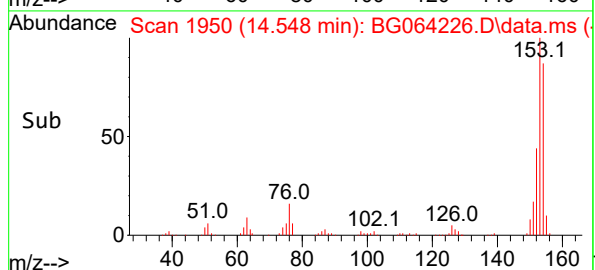
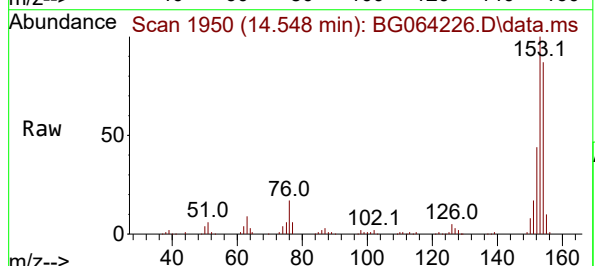
Manual Integrations
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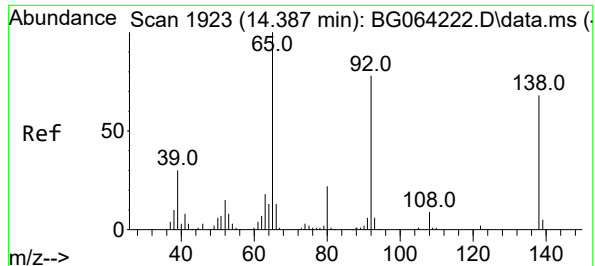
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#52
Acenaphthene
Concen: 37.235 ng
RT: 14.548 min Scan# 1950
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

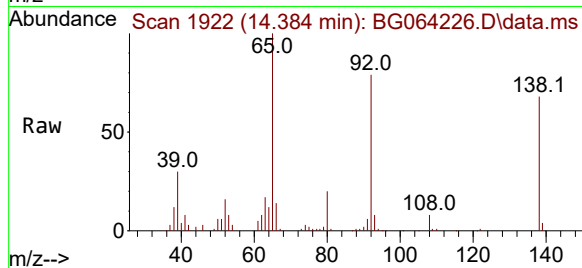
Tgt Ion:154 Resp: 208675
Ion Ratio Lower Upper
154 100
153 115.0 91.1 136.7
152 50.4 39.6 59.4





#53
3-Nitroaniline
Concen: 42.058 ng
RT: 14.384 min Scan# 1923
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

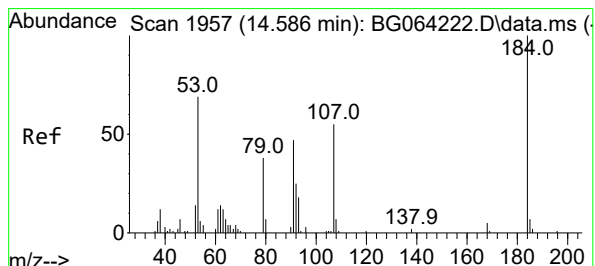
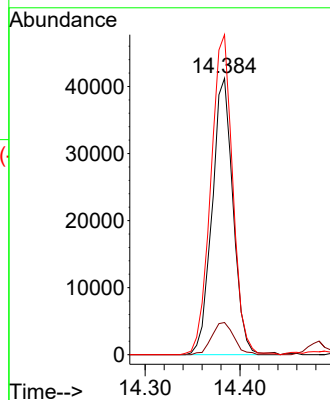
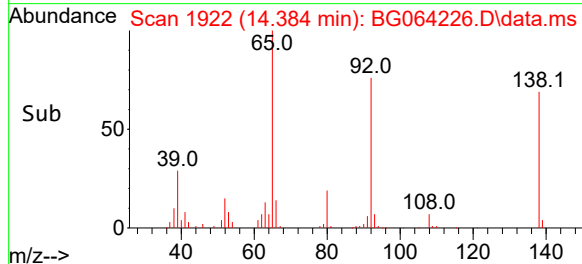
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion:138 Resp: 63330
Ion Ratio Lower Upper
138 100
108 11.6 11.0 16.6
92 115.8 91.4 137.0

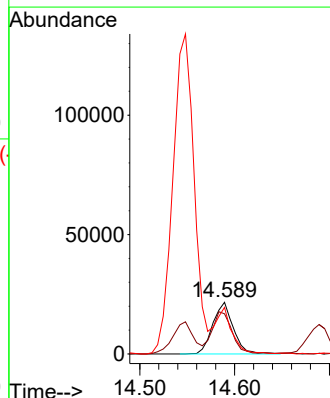
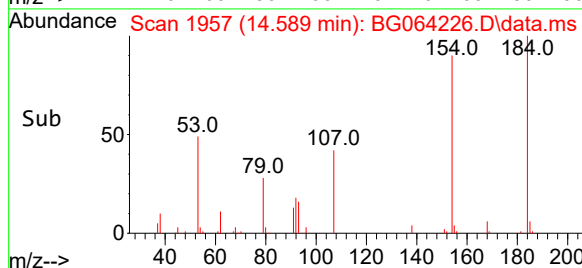
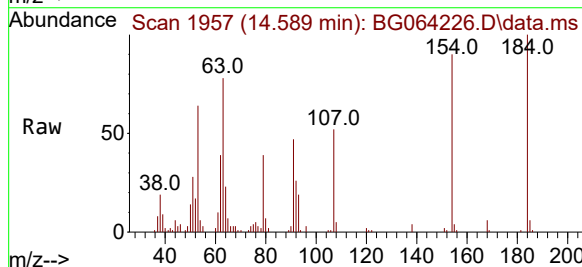
Manual Integrations
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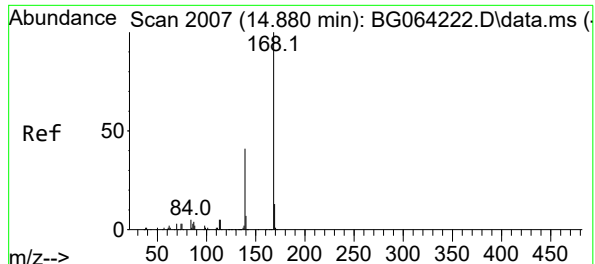
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#54
2,4-Dinitrophenol
Concen: 37.975 ng
RT: 14.589 min Scan# 1957
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:184 Resp: 32669
Ion Ratio Lower Upper
184 100
63 77.7 60.1 90.1
154 90.2 59.8 89.8#





#55

Dibenzenofuran

Concen: 37.793 ng

RT: 14.883 min Scan# 2007

Delta R.T. 0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

Instrument :

BNA_G

ClientSampleId :

ICVBG082825

Tgt Ion:168 Resp: 33314

Ion Ratio Lower Upper

168 100

139 39.5 33.2 49.8

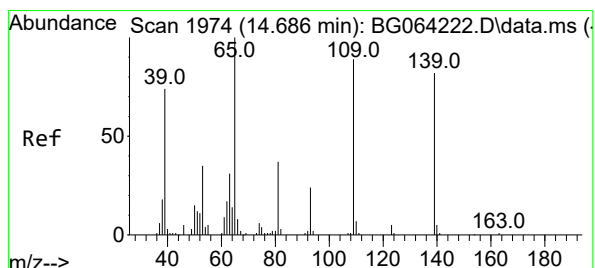
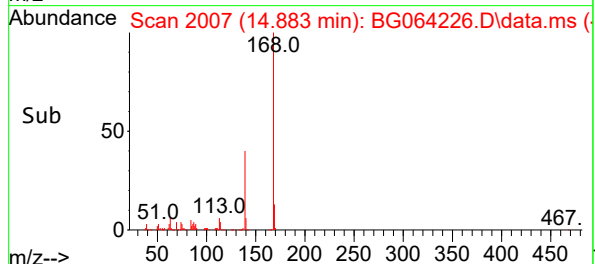
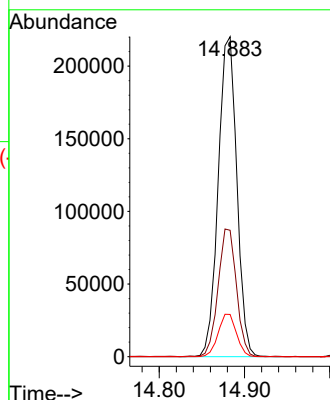
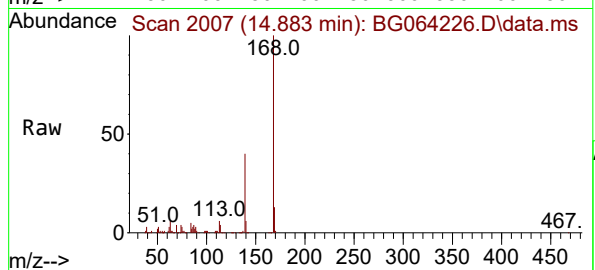
169 13.2 10.4 15.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#56

4-Nitrophenol

Concen: 39.235 ng

RT: 14.689 min Scan# 1974

Delta R.T. -0.009 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

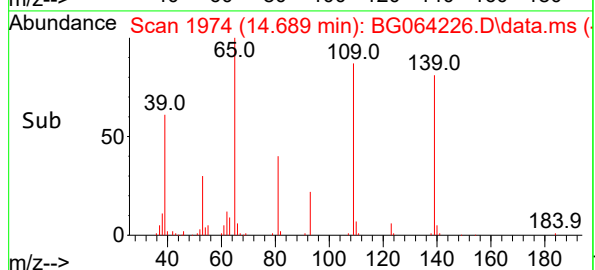
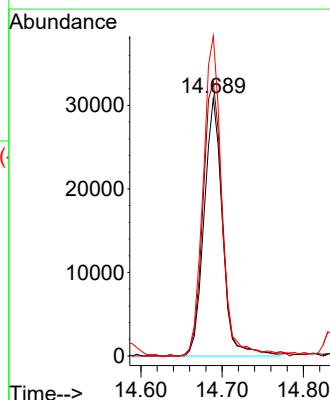
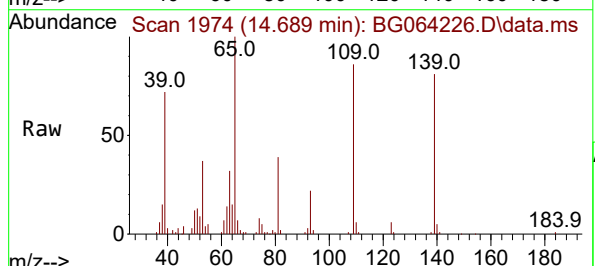
Tgt Ion:139 Resp: 48467

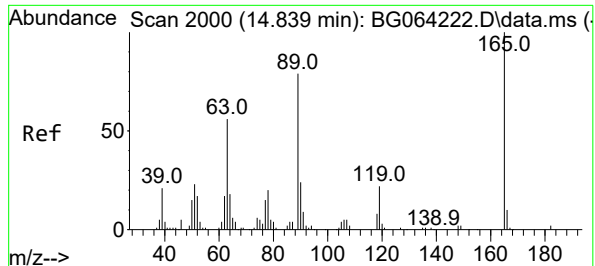
Ion Ratio Lower Upper

139 100

109 106.3 89.1 129.1

65 124.1 102.9 142.9





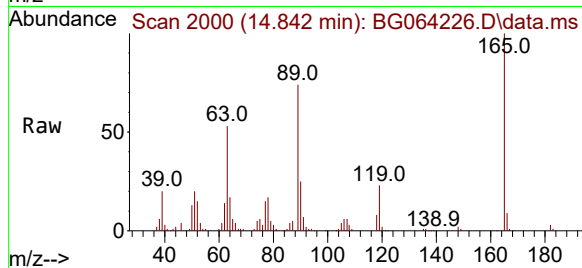
#57
2,4-Dinitrotoluene
Concen: 40.756 ng
RT: 14.842 min Scan# 2000
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Instrument :

BNA_G

ClientSampleId :

ICVBG082825

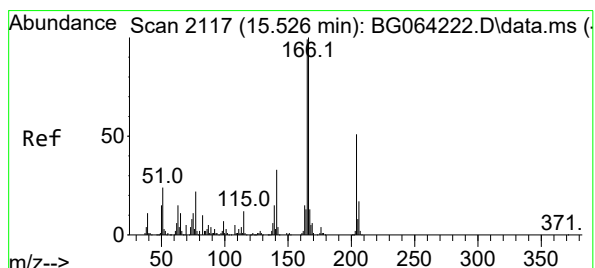
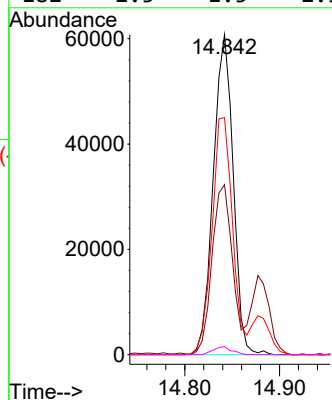
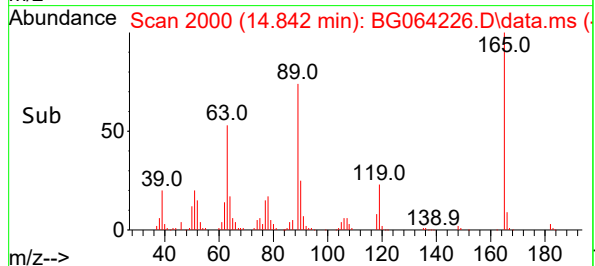


Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.2	44.6	67.0
89	74.1	63.0	94.4
182	2.5	1.5	2.3#

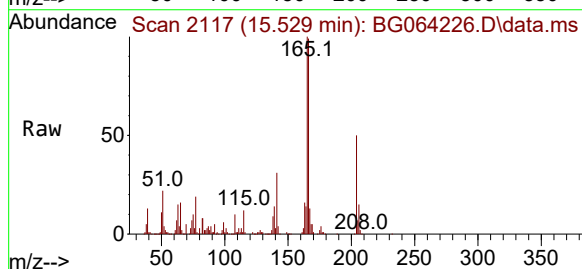
Manual Integrations

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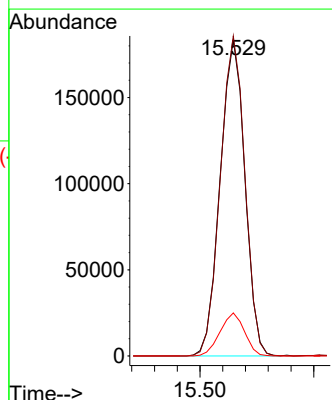
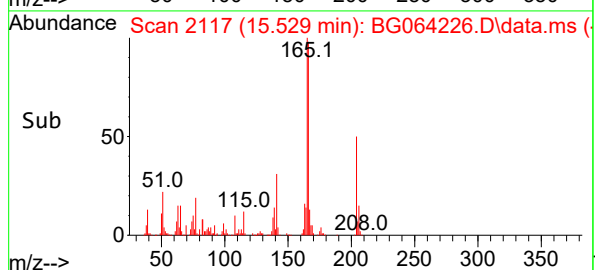
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

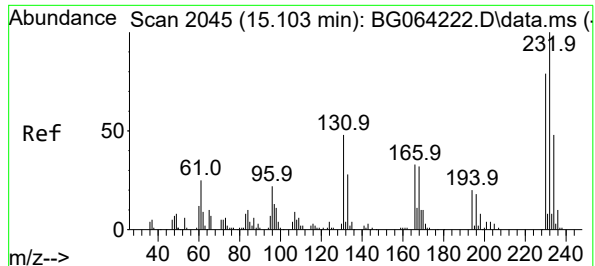


#58
Fluorene
Concen: 38.343 ng
RT: 15.529 min Scan# 2117
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19



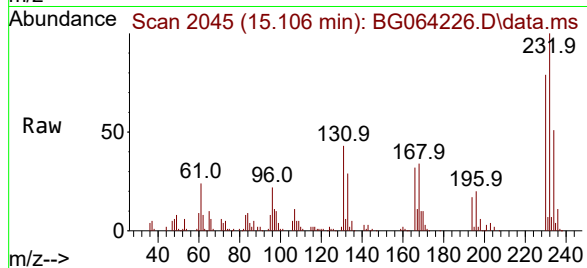
Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.2	79.1	118.7
167	13.6	10.2	15.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.784 ng
RT: 15.106 min Scan# 2045
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

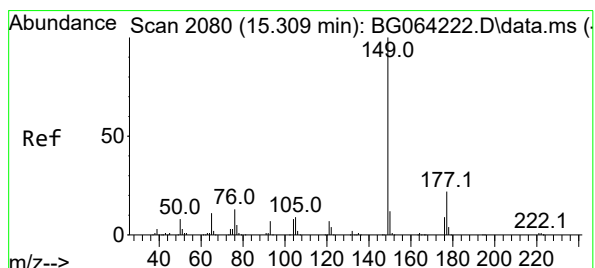
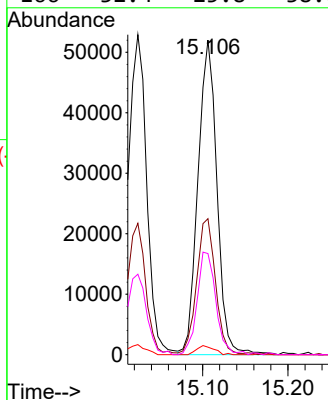
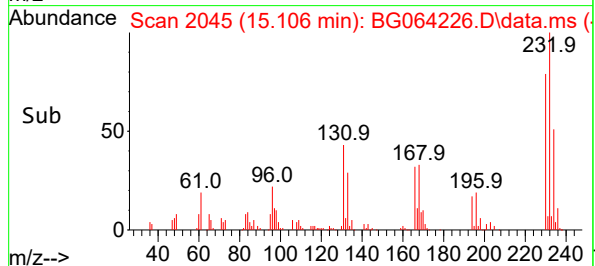
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion:232 Resp: 80509
Ion Ratio Lower Upper
232 100
131 43.0 37.1 55.7
130 2.6 2.6 3.8
166 32.4 25.8 38.6

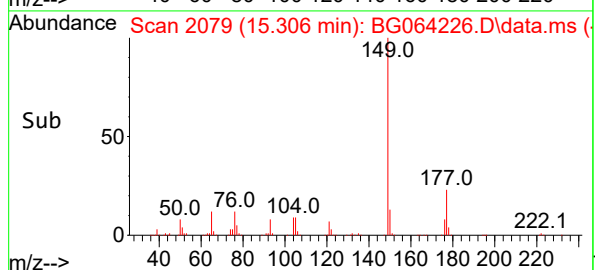
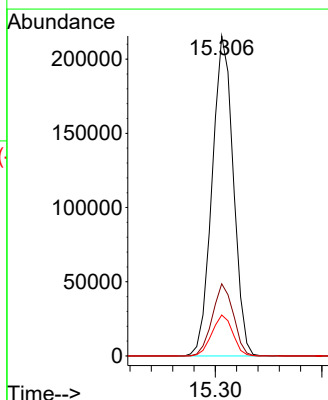
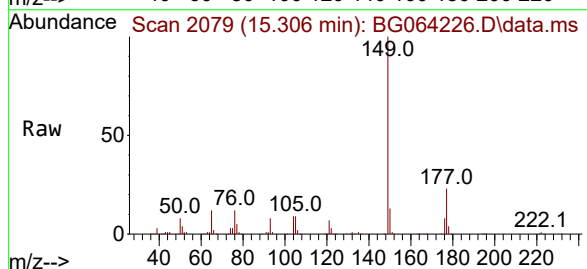
Manual Integrations
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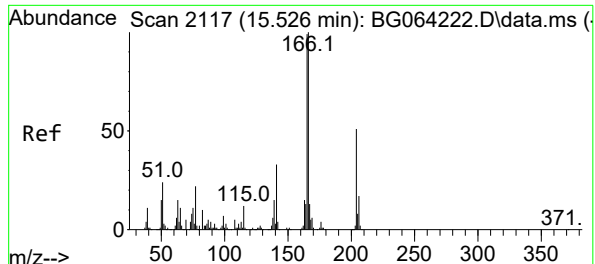
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#60
Diethylphthalate
Concen: 37.474 ng
RT: 15.306 min Scan# 2079
Delta R.T. -0.009 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

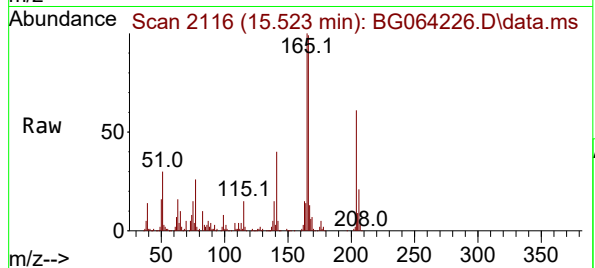
Tgt Ion:149 Resp: 297822
Ion Ratio Lower Upper
149 100
177 22.6 17.5 26.3
150 12.8 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 37.983 ng
RT: 15.523 min Scan# 2117
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

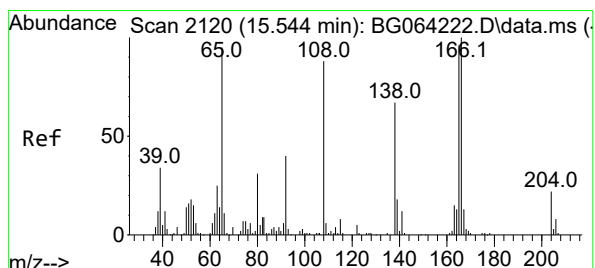
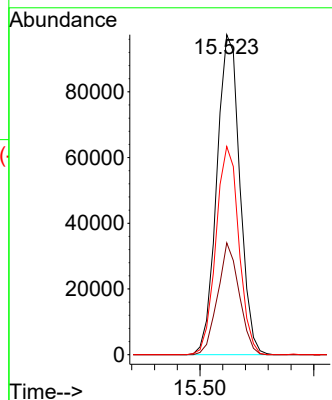
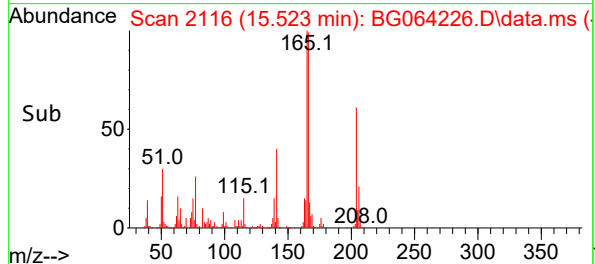
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion:204 Resp: 136825
Ion Ratio Lower Upper
204 100
206 34.9 26.2 39.4
141 65.0 51.9 77.9

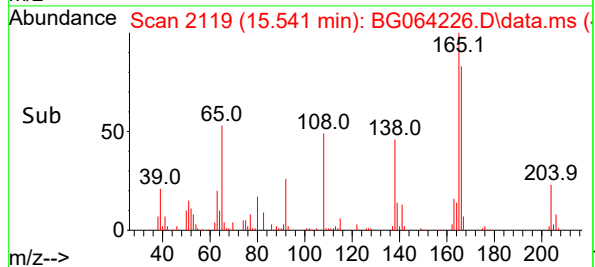
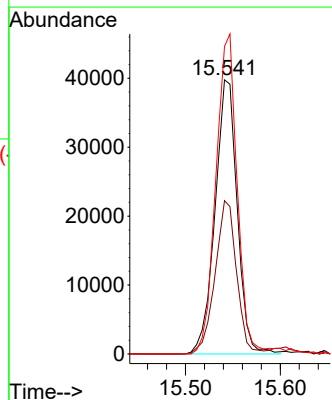
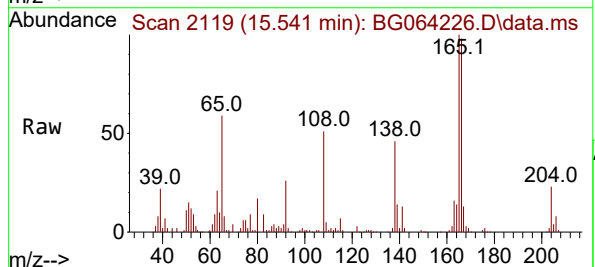
Manual Integrations
APPROVED

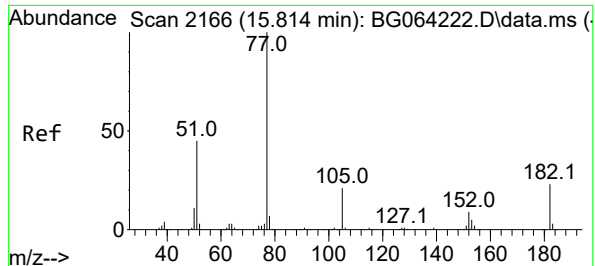
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#62
4-Nitroaniline
Concen: 42.237 ng
RT: 15.541 min Scan# 2119
Delta R.T. -0.015 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

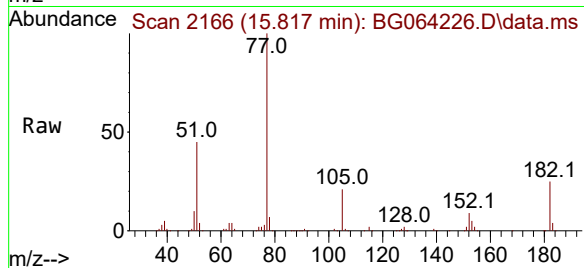
Tgt Ion:138 Resp: 64904
Ion Ratio Lower Upper
138 100
92 55.9 39.1 79.1
108 112.2 111.3 151.3





#63
Azobenzene
Concen: 38.992 ng
RT: 15.817 min Scan# 2166
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

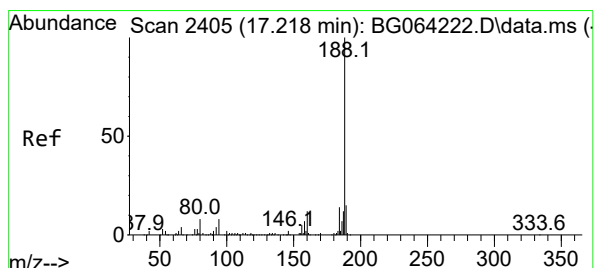
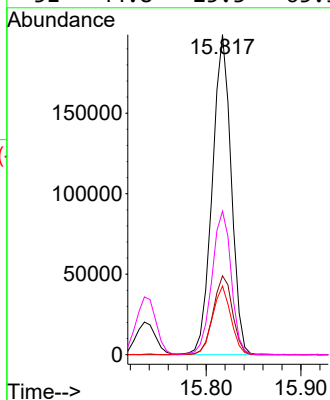
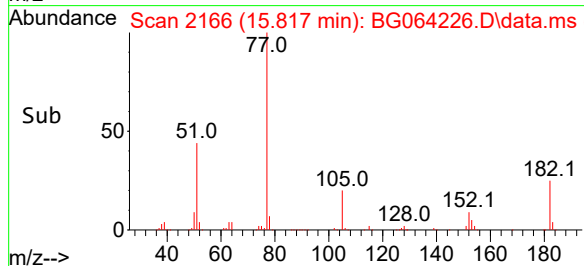
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion: 77 Resp: 27620
Ion Ratio Lower Upper
77 100
182 24.6 3.3 43.3
105 21.5 0.6 40.6
51 44.8 25.3 65.3

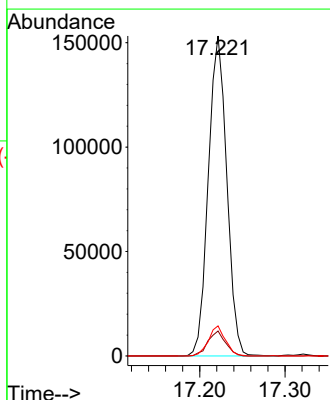
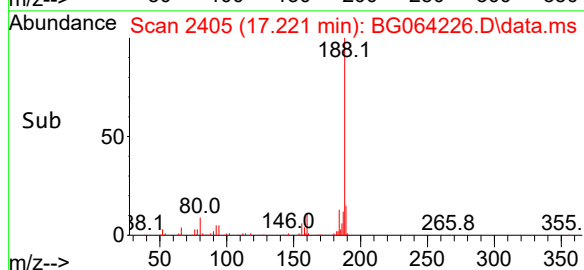
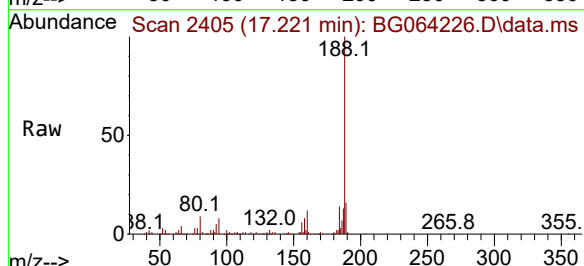
Manual Integrations
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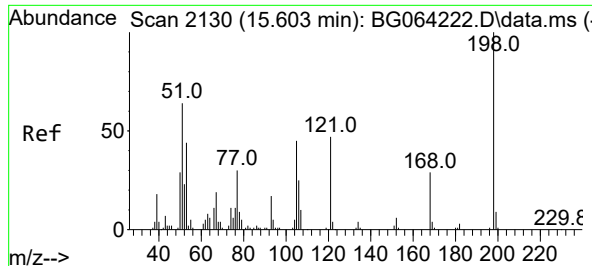
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2405
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:188 Resp: 230329
Ion Ratio Lower Upper
188 100
94 7.8 6.2 9.4
80 9.4 6.8 10.2





#65

4,6-Dinitro-2-methylphenol

Concen: 38.211 ng

RT: 15.606 min Scan# 2130

Delta R.T. -0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

Instrument :

BNA_G

ClientSampleId :

ICVBG082825

Tgt Ion:198 Resp: 50530

Ion Ratio Lower Upper

198 100

51 68.5 46.2 86.2

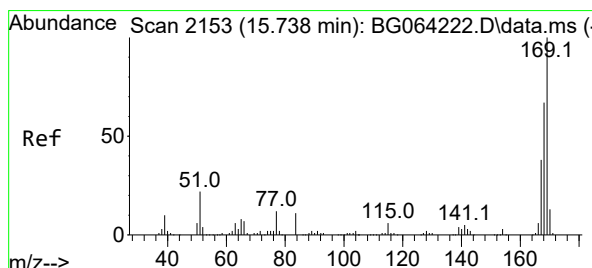
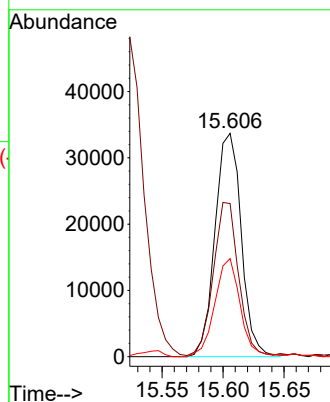
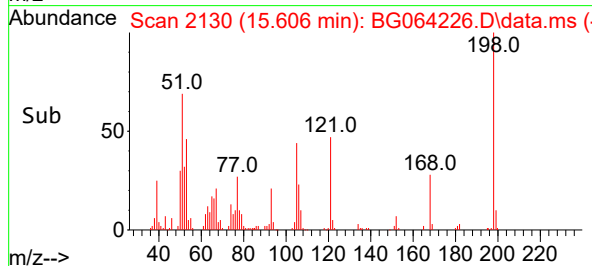
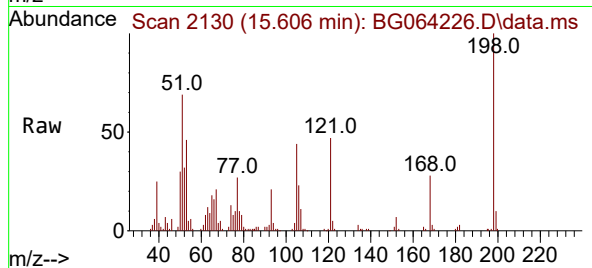
105 43.9 25.0 65.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#66

n-Nitrosodiphenylamine

Concen: 38.649 ng

RT: 15.741 min Scan# 2153

Delta R.T. -0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

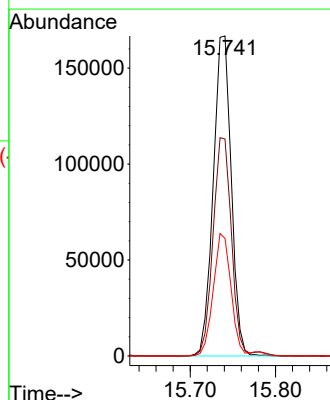
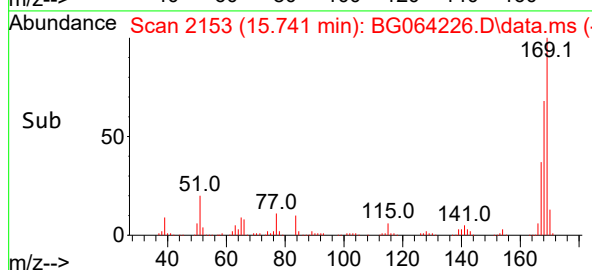
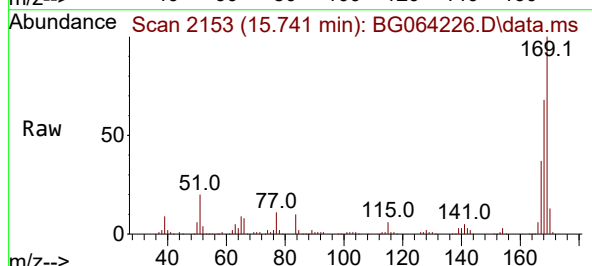
Tgt Ion:169 Resp: 244884

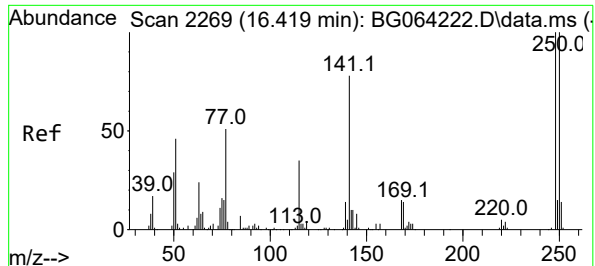
Ion Ratio Lower Upper

169 100

168 67.8 53.8 80.8

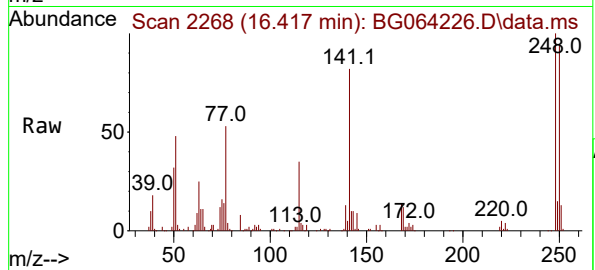
167 36.7 30.2 45.2





#67
4-Bromophenyl-phenylether
Concen: 37.437 ng
RT: 16.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

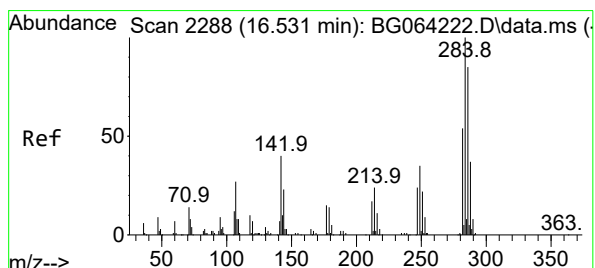
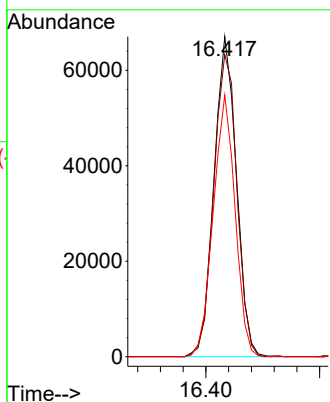
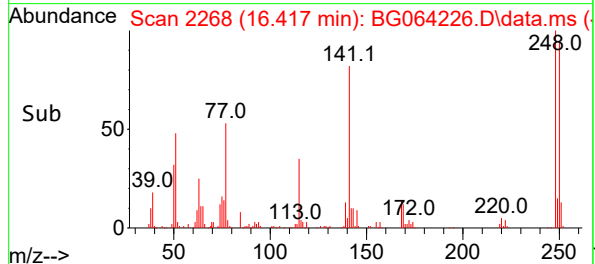
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion:248 Resp: 91580
Ion Ratio Lower Upper
248 100
250 94.4 80.2 120.4
141 81.8 62.4 93.6

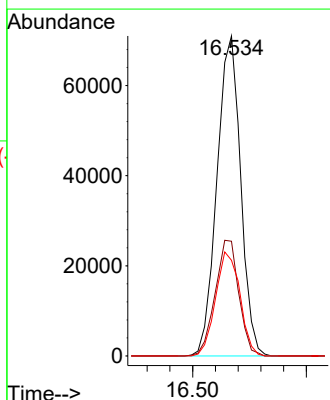
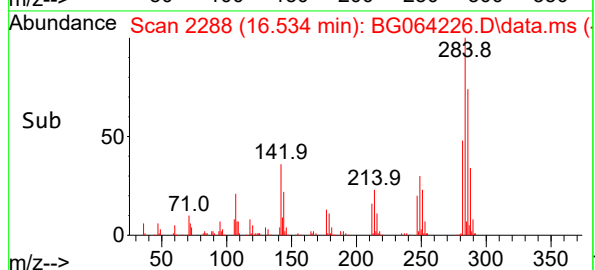
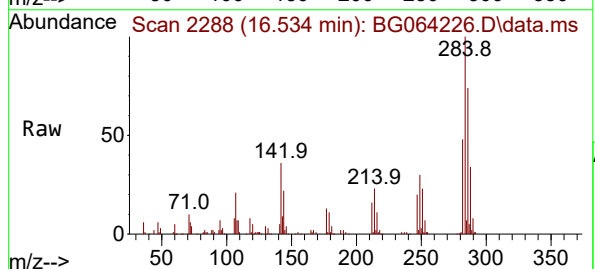
Manual Integrations
APPROVED

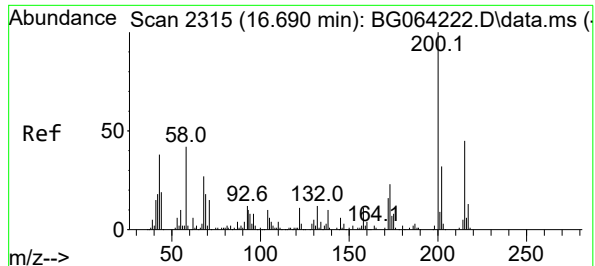
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#68
Hexachlorobenzene
Concen: 37.742 ng
RT: 16.534 min Scan# 2288
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

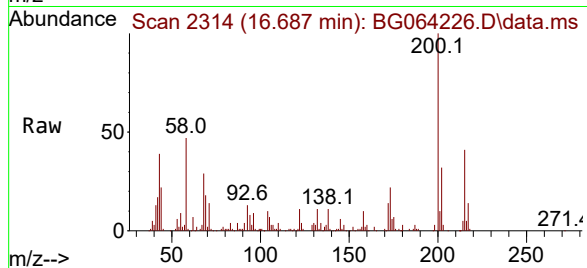
Tgt Ion:284 Resp: 102532
Ion Ratio Lower Upper
284 100
142 35.8 32.1 48.1
249 29.9 28.3 42.5





#69
Atrazine
Concen: 37.526 ng
RT: 16.687 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

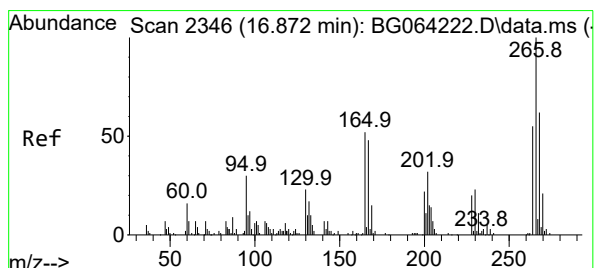
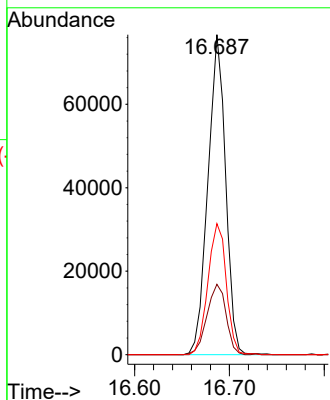
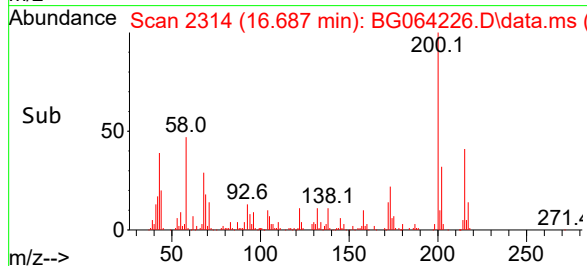
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion:200 Resp: 99280
Ion Ratio Lower Upper
200 100
173 22.0 3.5 43.5
215 41.0 24.8 64.8

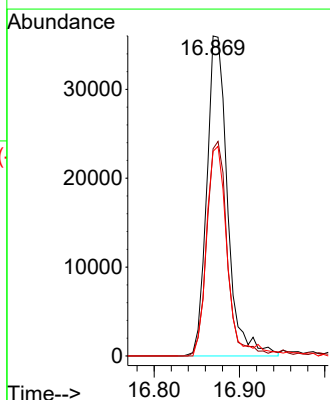
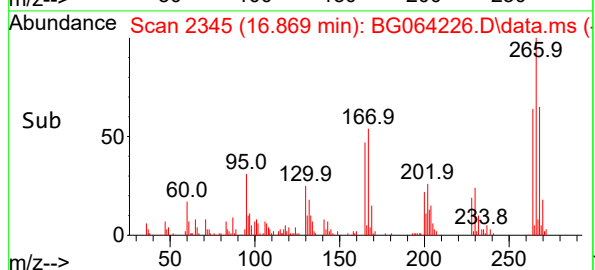
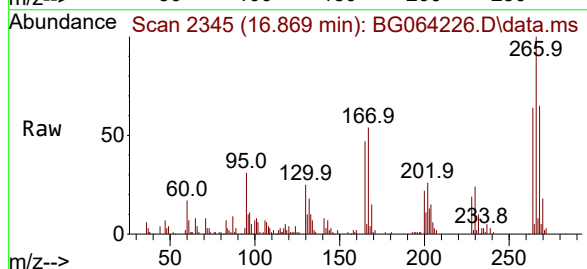
Manual Integrations
APPROVED

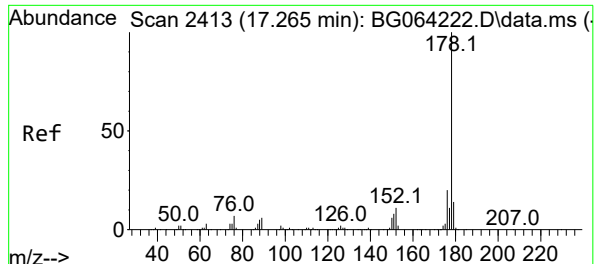
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#70
Pentachlorophenol
Concen: 36.854 ng
RT: 16.869 min Scan# 2345
Delta R.T. -0.009 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

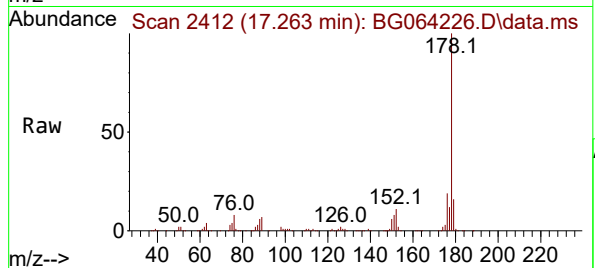
Tgt Ion:266 Resp: 60707
Ion Ratio Lower Upper
266 100
268 64.8 49.4 74.0
264 63.9 44.3 66.5





#71
Phenanthrene
Concen: 37.635 ng
RT: 17.263 min Scan# 2413
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

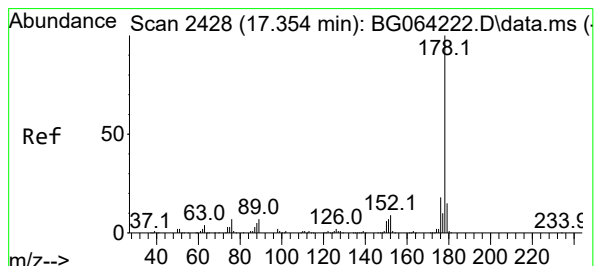
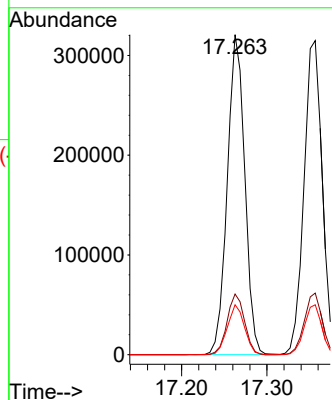
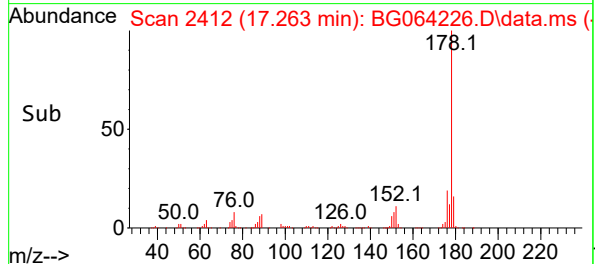
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion:178 Resp: 45720
Ion Ratio Lower Upper
178 100
176 19.0 15.9 23.9
179 15.6 11.4 17.2

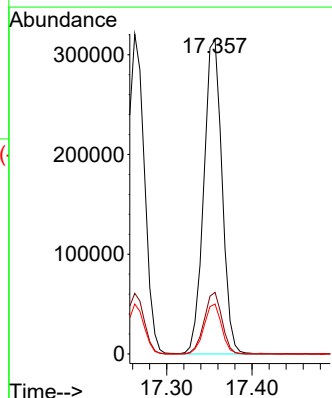
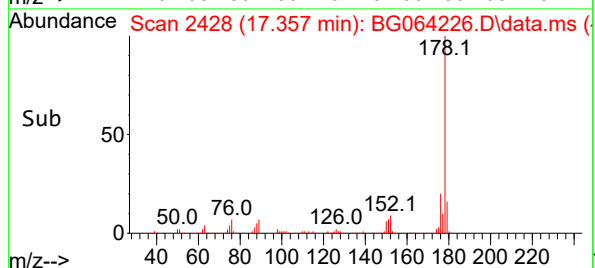
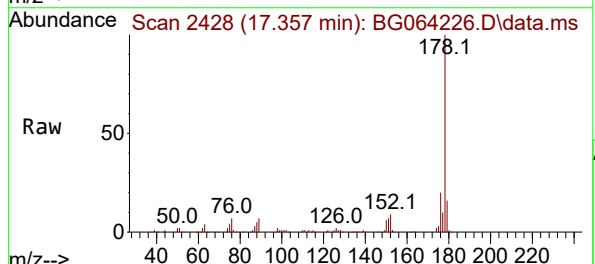
Manual Integrations
APPROVED

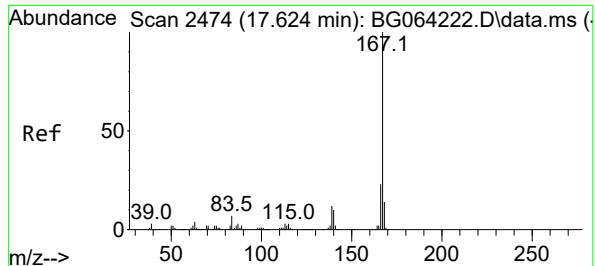
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#72
Anthracene
Concen: 37.931 ng
RT: 17.357 min Scan# 2428
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

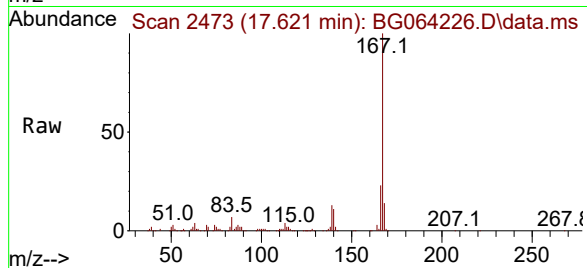
Tgt Ion:178 Resp: 468737
Ion Ratio Lower Upper
178 100
176 19.6 14.7 22.1
179 15.9 12.1 18.1





#73
Carbazole
Concen: 37.906 ng
RT: 17.621 min Scan# 2474
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

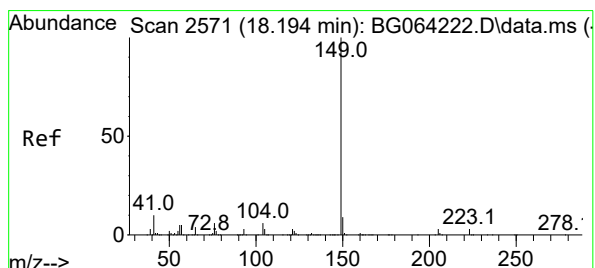
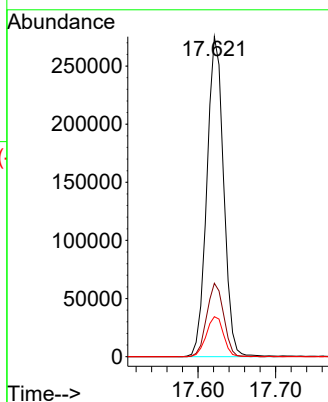
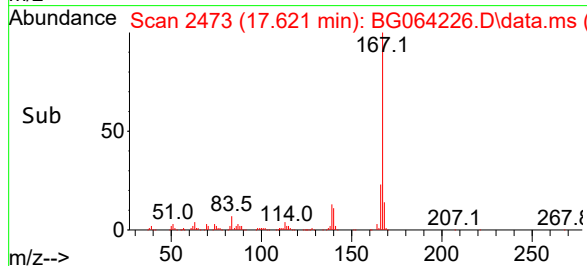
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion:167 Resp: 41265
Ion Ratio Lower Upper
167 100
166 23.0 18.2 27.2
139 12.5 9.8 14.6

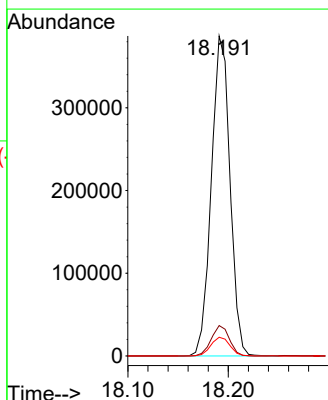
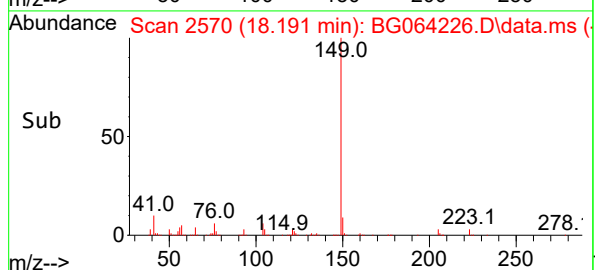
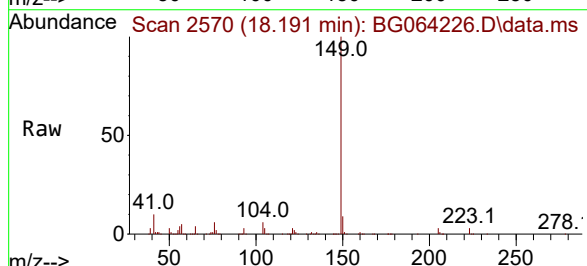
Manual Integrations
APPROVED

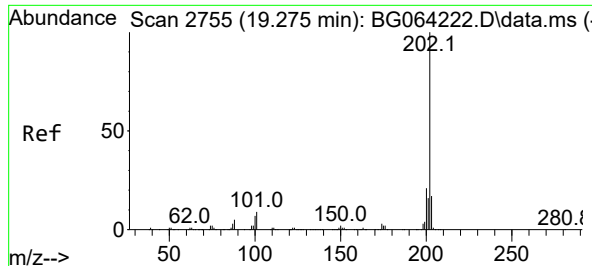
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#74
Di-n-butylphthalate
Concen: 38.074 ng
RT: 18.191 min Scan# 2570
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

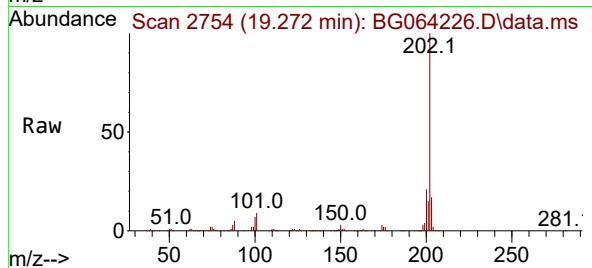
Tgt Ion:149 Resp: 497961
Ion Ratio Lower Upper
149 100
150 9.5 7.5 11.3
104 5.9 4.6 7.0





#75
Fluoranthene
Concen: 36.720 ng
RT: 19.272 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

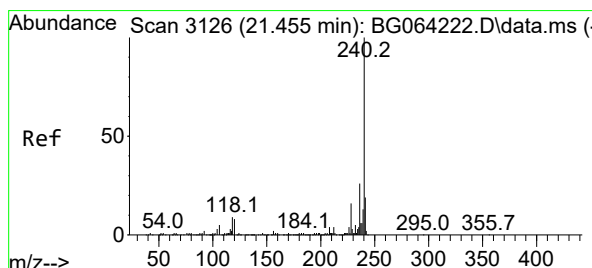
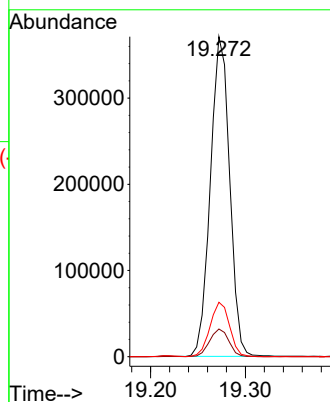
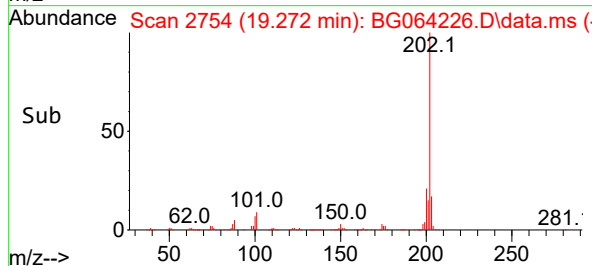
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion:202 Resp: 524509
Ion Ratio Lower Upper
202 100
101 8.7 0.0 28.7
203 17.0 0.0 36.9

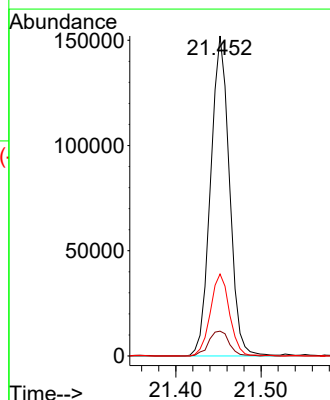
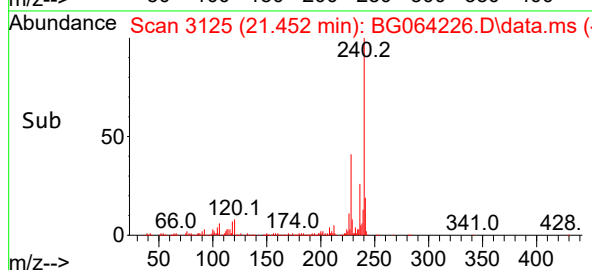
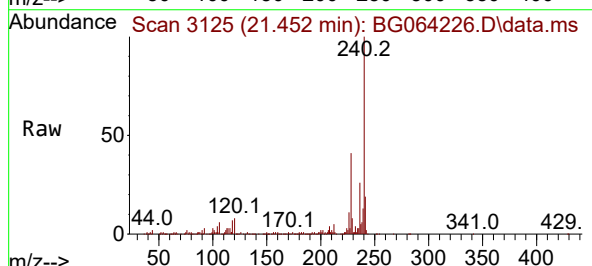
Manual Integrations
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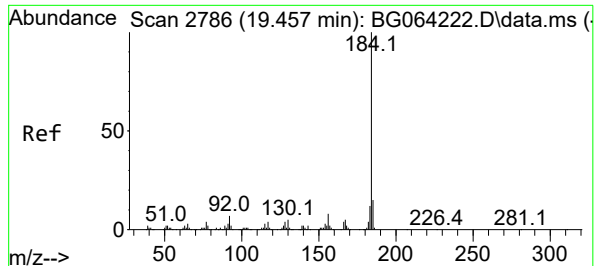
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.452 min Scan# 3125
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

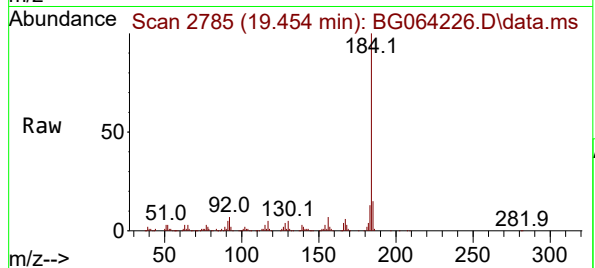
Tgt Ion:240 Resp: 233808
Ion Ratio Lower Upper
240 100
120 7.7 6.2 9.4
236 25.6 20.5 30.7





#77
Benzidine
Concen: 51.021 ng
RT: 19.454 min Scan# 2786
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

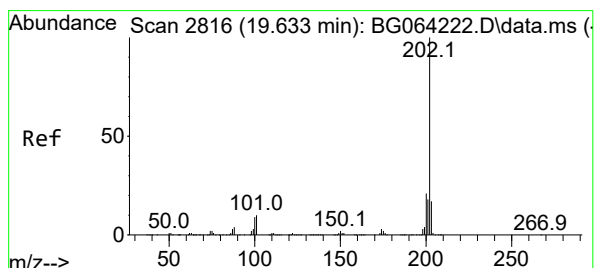
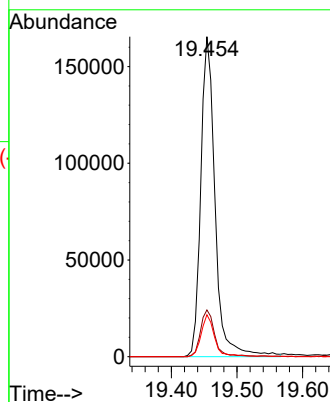
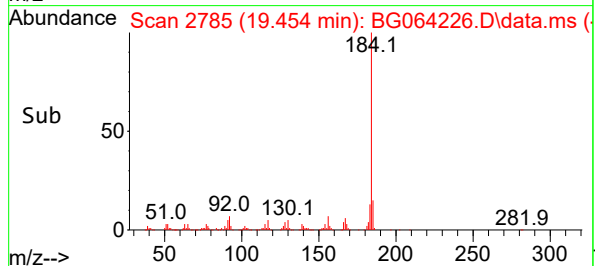
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion:184 Resp: 250940
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 13.1 9.7 14.5

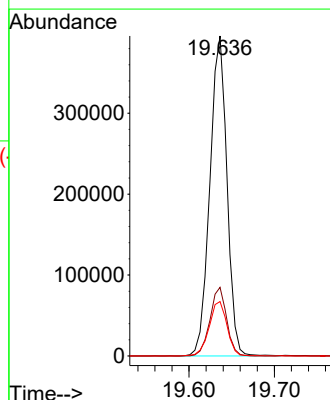
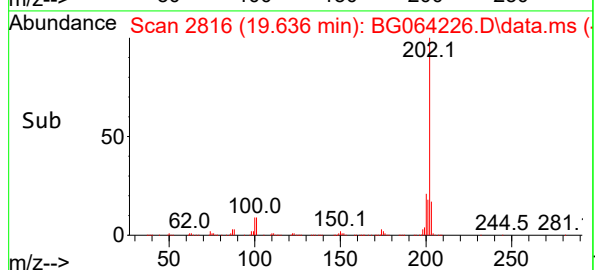
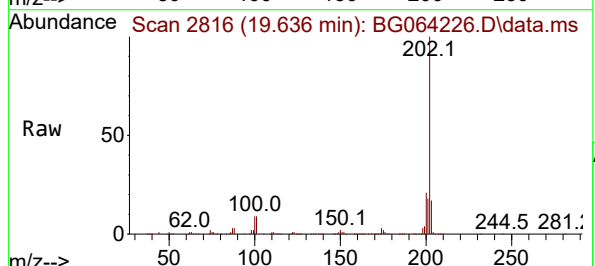
Manual Integrations
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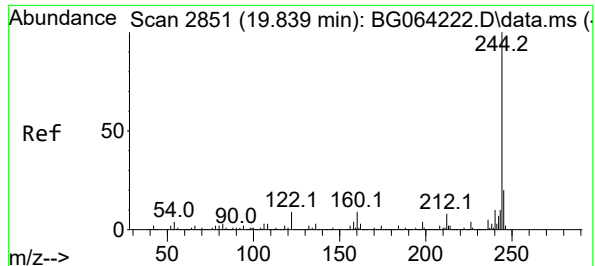
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#78
Pyrene
Concen: 37.470 ng
RT: 19.636 min Scan# 2816
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

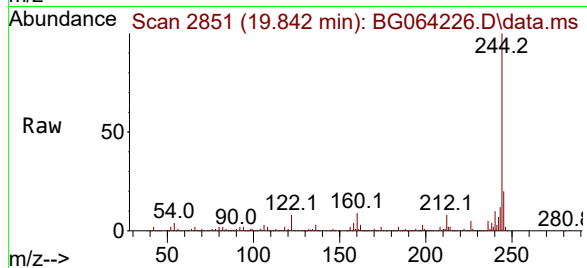
Tgt Ion:202 Resp: 551941
Ion Ratio Lower Upper
202 100
200 21.4 16.9 25.3
203 17.0 13.8 20.8





#79
Terphenyl-d14
Concen: 75.787 ng
RT: 19.842 min Scan# 2851
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

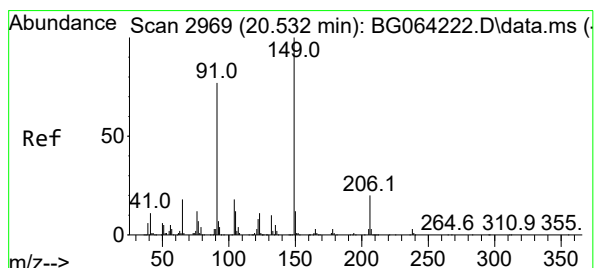
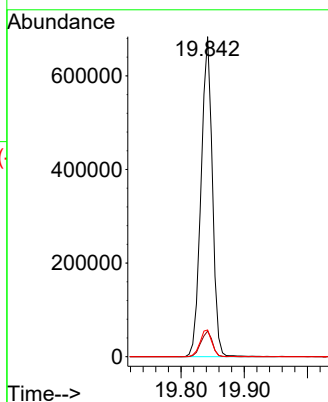
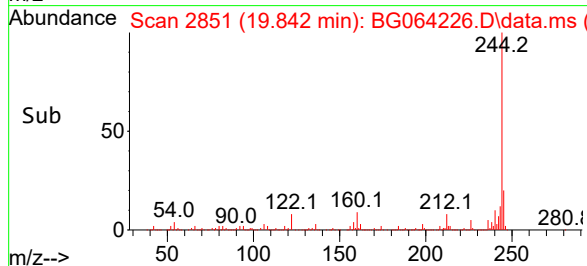
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion:244 Resp: 849308
Ion Ratio Lower Upper
244 100
212 8.0 6.6 10.0
122 8.4 7.0 10.6

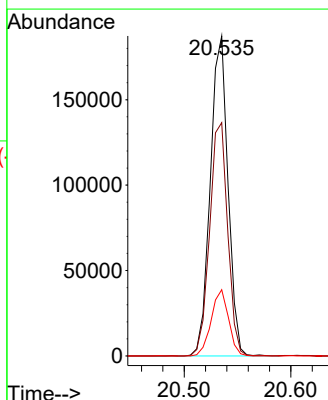
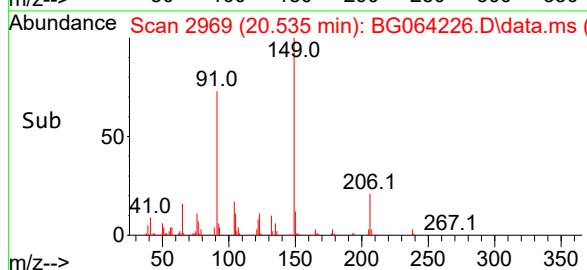
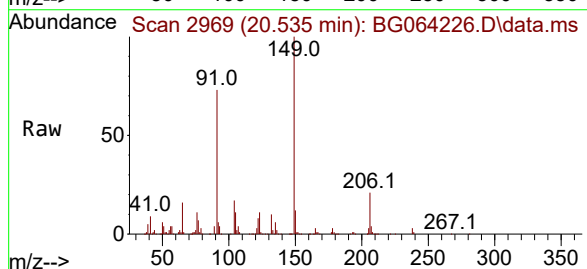
Manual Integrations
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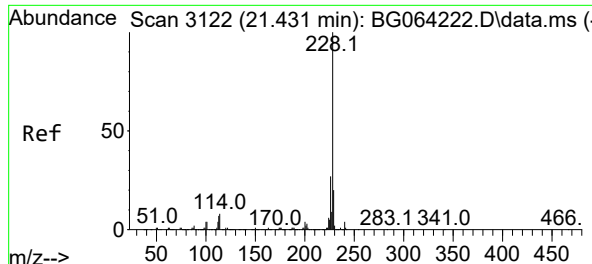
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#80
Butylbenzylphthalate
Concen: 38.747 ng
RT: 20.535 min Scan# 2969
Delta R.T. 0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:149 Resp: 215271
Ion Ratio Lower Upper
149 100
91 72.9 61.4 92.0
206 20.7 15.8 23.6





#81

Benzo(a)anthracene

Concen: 38.165 ng

RT: 21.434 min Scan# 3122

Delta R.T. -0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

Instrument :

BNA_G

ClientSampleId :

ICVBG082825

Tgt Ion:228 Resp: 570869

Ion Ratio Lower Upper

228 100

226 27.8 21.7 32.5

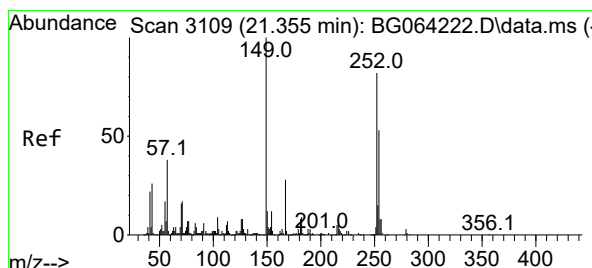
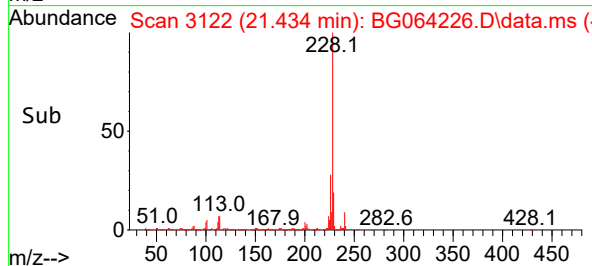
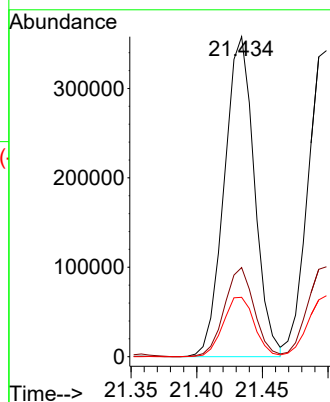
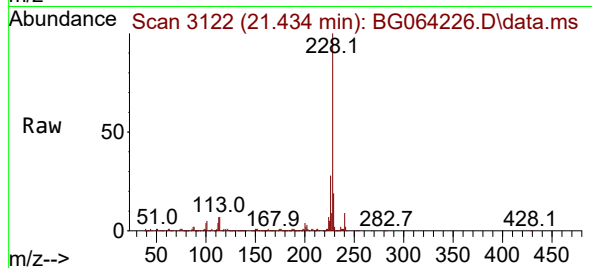
229 18.5 15.9 23.9

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#82

3,3'-Dichlorobenzidine

Concen: 42.067 ng

RT: 21.358 min Scan# 3109

Delta R.T. -0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

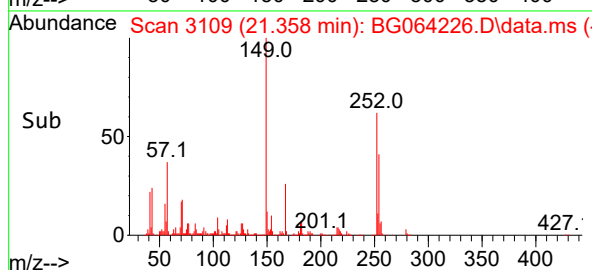
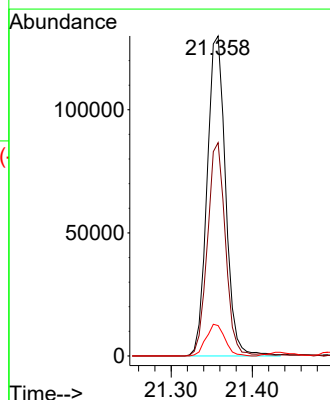
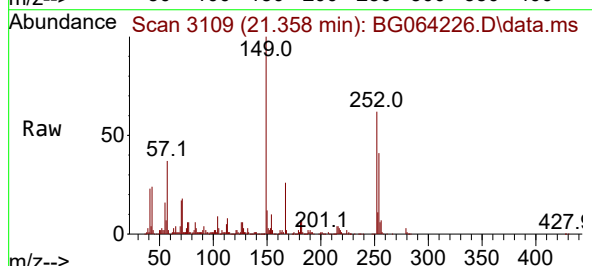
Tgt Ion:252 Resp: 204932

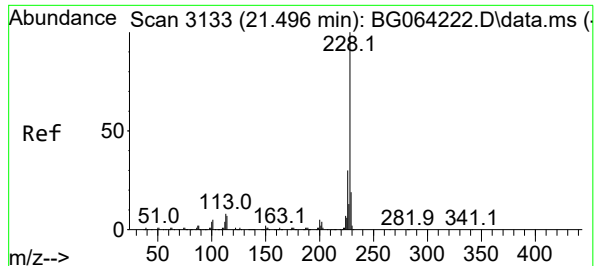
Ion Ratio Lower Upper

252 100

254 66.6 51.9 77.9

126 9.5 7.6 11.4





#83

Chrysene

Concen: 37.933 ng

RT: 21.499 min Scan# 3133

Delta R.T. -0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

Instrument :

BNA_G

ClientSampleId :

ICVBG082825

Tgt Ion:228 Resp: 544729

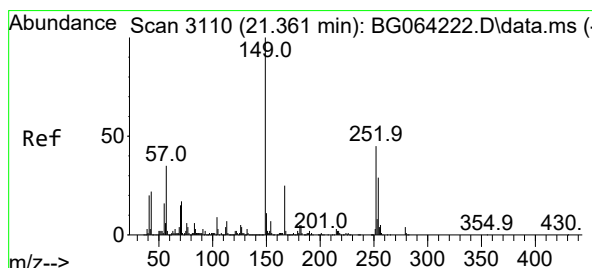
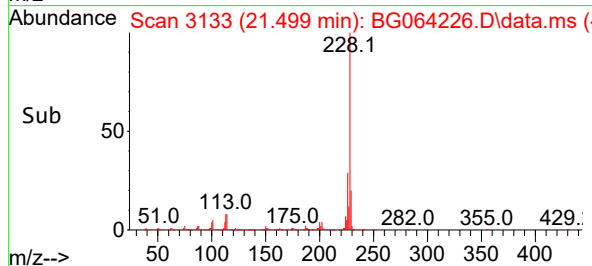
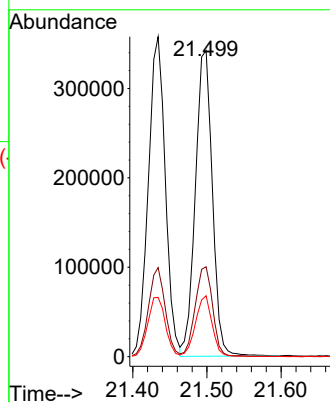
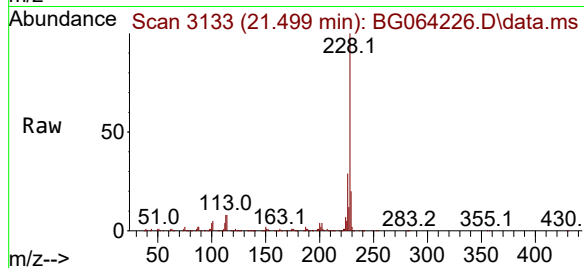
Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.2	36.2
229	19.9	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.008 ng

RT: 21.364 min Scan# 3110

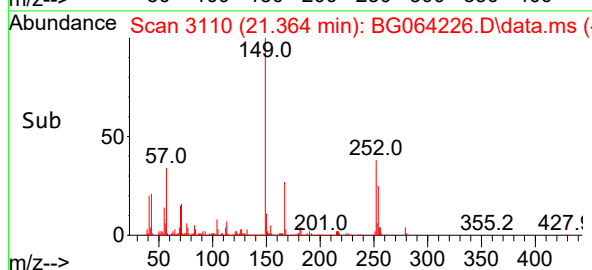
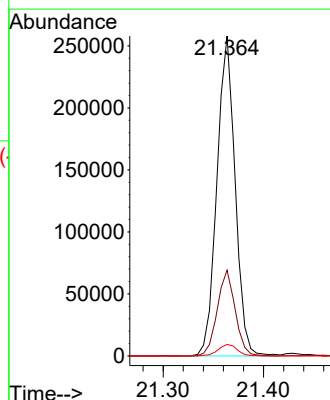
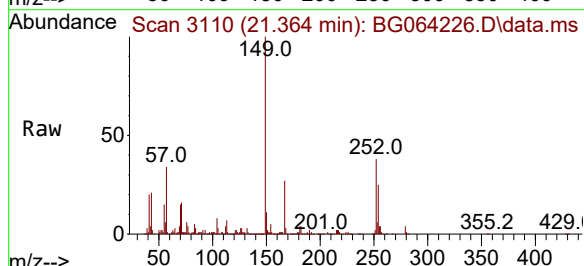
Delta R.T. -0.003 min

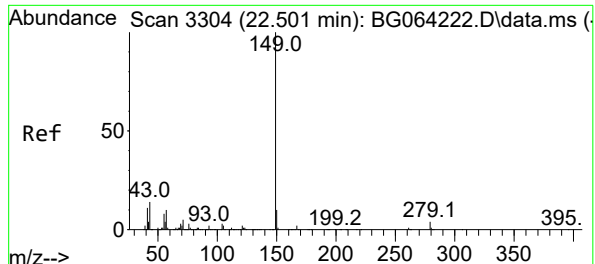
Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

Tgt Ion:149 Resp: 325380

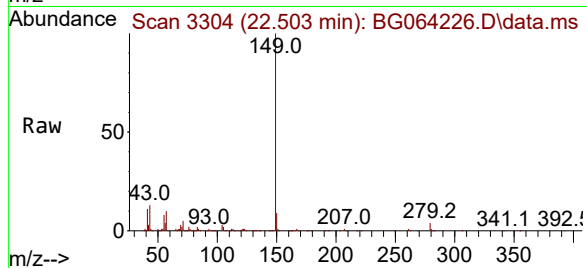
Ion	Ratio	Lower	Upper
149	100		
167	26.8	20.0	30.0
279	3.6	3.0	4.4





#85
Di-n-octyl phthalate
Concen: 38.929 ng
RT: 22.503 min Scan# 3304
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

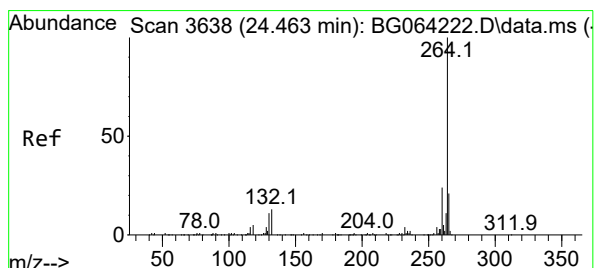
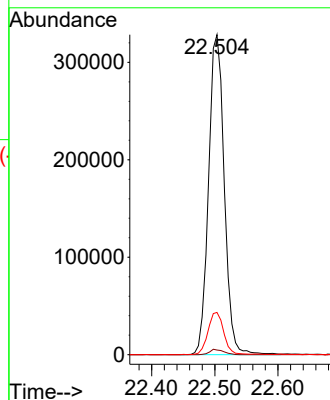
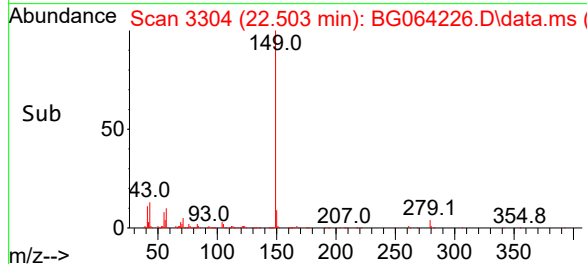
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion:149 Resp: 565788
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 13.3 10.8 16.2

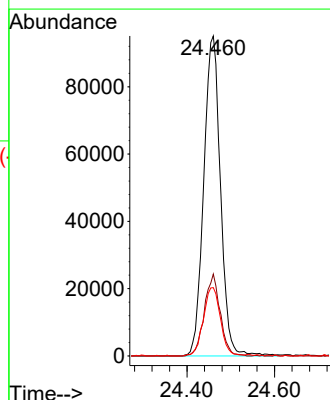
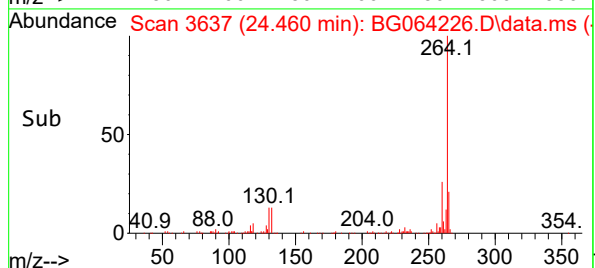
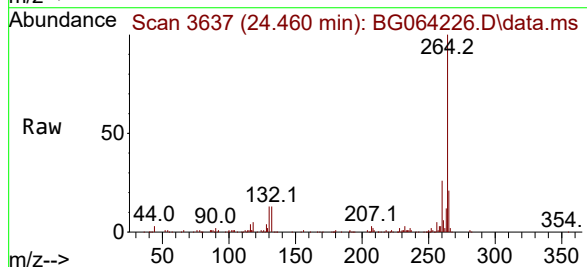
Manual Integrations
APPROVED

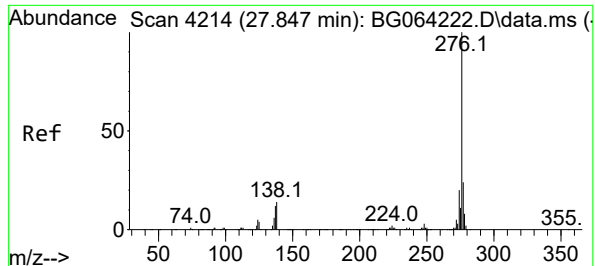
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.460 min Scan# 3637
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

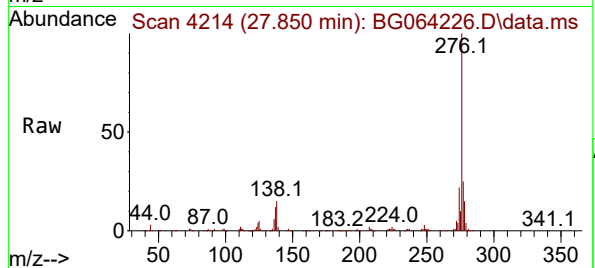
Tgt Ion:264 Resp: 253621
Ion Ratio Lower Upper
264 100
260 25.6 18.9 28.3
265 21.3 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 38.123 ng
RT: 27.850 min Scan# 4214
Delta R.T. -0.021 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

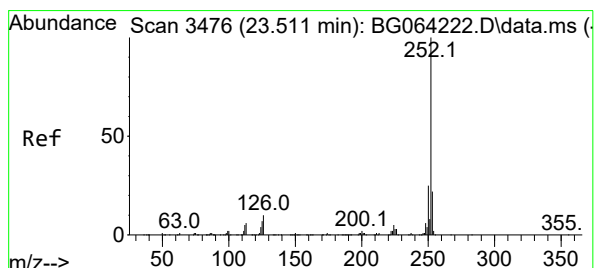
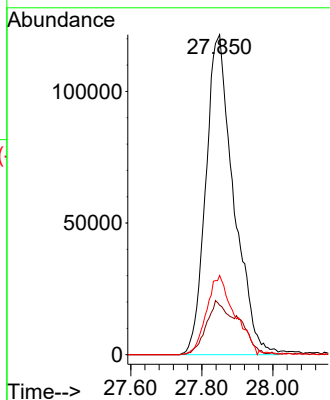
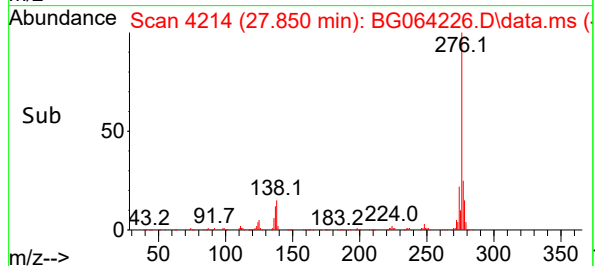
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion:276 Resp: 66029
Ion Ratio Lower Upper
276 100
138 14.2 7.4 11.0
277 25.0 20.5 30.7

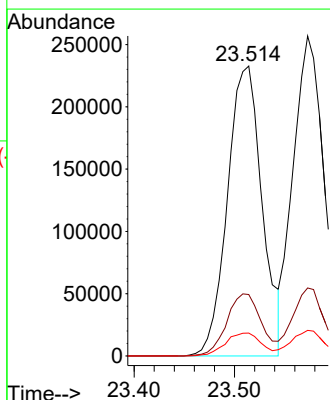
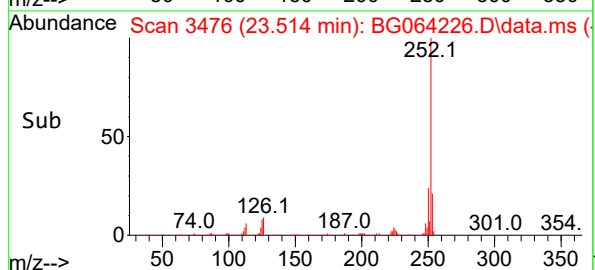
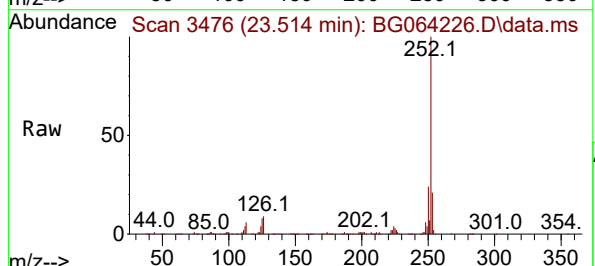
Manual Integrations
APPROVED

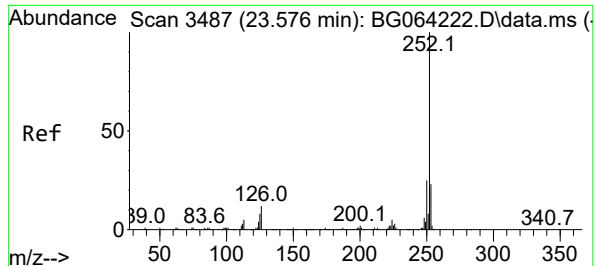
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#88
Benzo(b)fluoranthene
Concen: 39.068 ng
RT: 23.514 min Scan# 3476
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:252 Resp: 559215
Ion Ratio Lower Upper
252 100
253 21.2 17.5 26.3
125 7.9 5.9 8.9





#89

Benzo(k)fluoranthene

Concen: 38.135 ng

RT: 23.573 min Scan# 34

Delta R.T. -0.015 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

Instrument :

BNA_G

ClientSampleId :

ICVBG082825

Tgt Ion:252 Resp: 55611

Ion Ratio Lower Upper

252 100

253 21.3 18.2 27.4

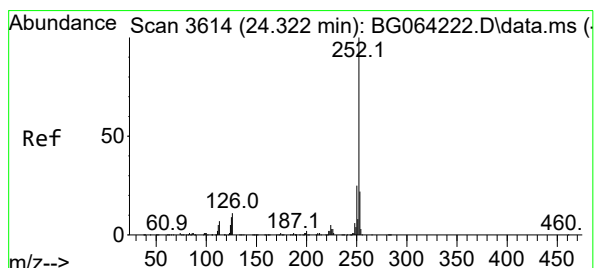
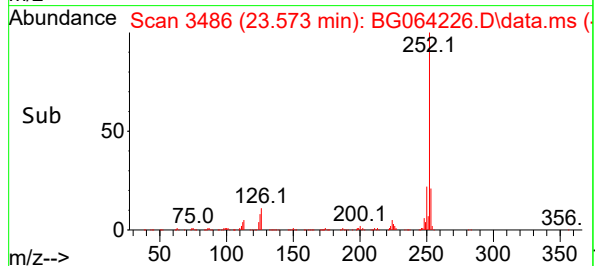
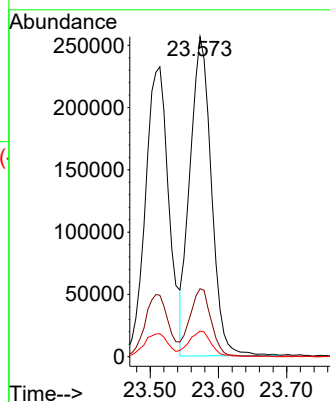
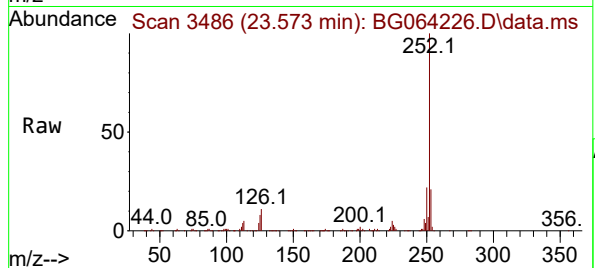
125 8.0 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#90

Benzo(a)pyrene

Concen: 40.358 ng

RT: 24.319 min Scan# 3613

Delta R.T. -0.009 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

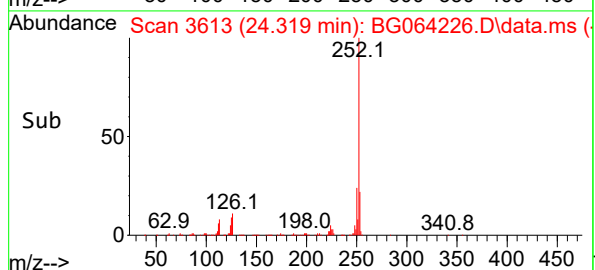
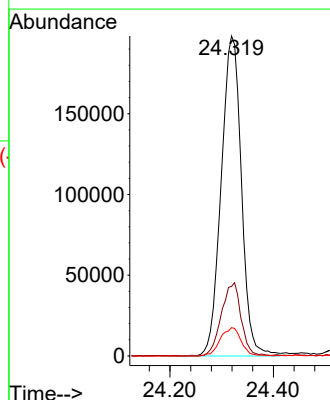
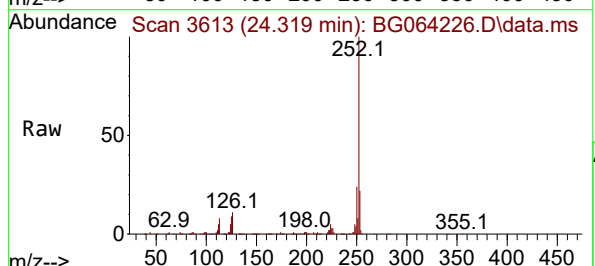
Tgt Ion:252 Resp: 537384

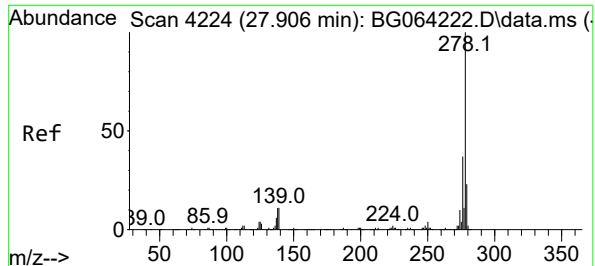
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

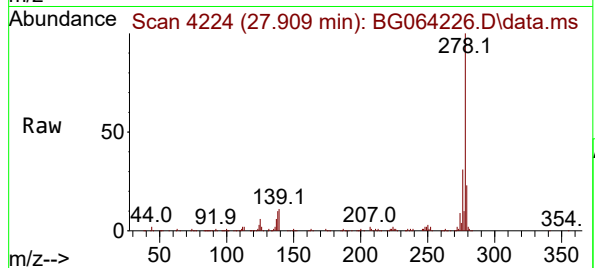
125 8.9 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 38.953 ng
RT: 27.909 min Scan# 4224
Delta R.T. -0.015 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

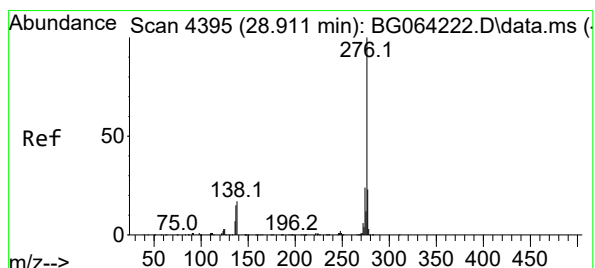
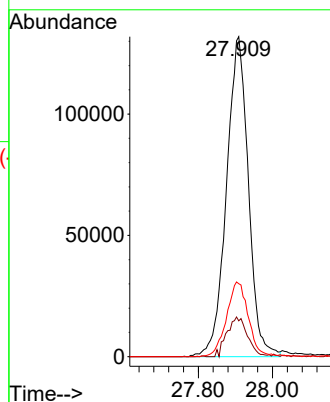
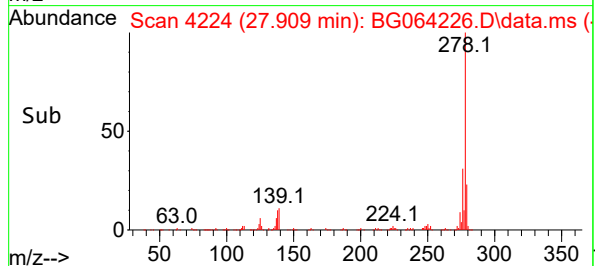
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion:278 Resp: 54170
Ion Ratio Lower Upper
278 100
139 11.2 9.0 13.4
279 22.8 18.8 28.2

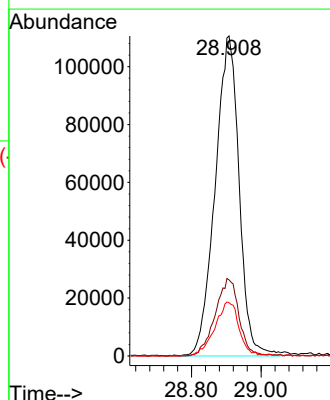
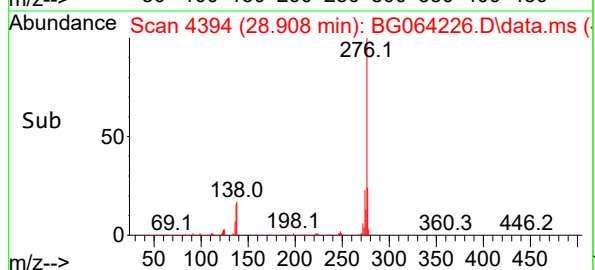
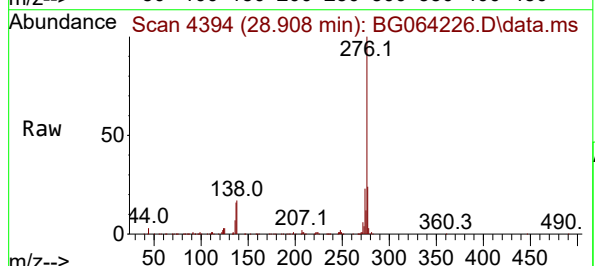
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#92
Benzo(g,h,i)perylene
Concen: 39.074 ng
RT: 28.908 min Scan# 4394
Delta R.T. -0.027 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:276 Resp: 528738
Ion Ratio Lower Upper
276 100
277 23.8 18.2 27.4
138 16.6 13.3 19.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
 Data File : BG064226.D
 Acq On : 28 Aug 2025 18:19
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG082825

Quant Time: Aug 28 19:07:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 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	112	0.00
2	1,4-Dioxane	0.465	0.414	11.0	120	0.00
3	Pyridine	1.368	1.180	13.7	99	0.00
4	n-Nitrosodimethylamine	0.905	0.844	6.7	103	0.00
5 S	2-Fluorophenol	1.115	0.988	11.4	100	0.00
6	Aniline	2.118	2.009	5.1	106	0.00
7 S	Phenol-d6	1.532	1.371	10.5	101	0.00
8	2-Chlorophenol	1.362	1.278	6.2	101	0.00
9	Benzaldehyde	1.260	1.079	14.4	88	0.00
10 C	Phenol	1.688	1.568	7.1	105	0.00
11	bis(2-Chloroethyl)ether	1.269	1.192	6.1	104	0.00
12	1,3-Dichlorobenzene	1.449	1.348	7.0	103	0.00
13 C	1,4-Dichlorobenzene	1.463	1.396	4.6	107	0.00
14	1,2-Dichlorobenzene	1.412	1.393	1.3	111	0.00
15	Benzyl Alcohol	1.413	1.373	2.8	108	0.00
16	2,2'-oxybis(1-Chloropropane	2.897	2.657	8.3	103	0.00
17	2-Methylphenol	1.258	1.172	6.8	104	0.00
18	Hexachloroethane	0.571	0.517	9.5	99	0.00
19 P	n-Nitroso-di-n-propylamine	1.172	1.160	1.0	108	0.00
20	3+4-Methylphenols	1.749	1.626	7.0	107	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	110	0.00
22	Acetophenone	0.506	0.500	1.2	109	0.00
23 S	Nitrobenzene-d5	0.359	0.345	3.9	104	0.00
24	Nitrobenzene	0.375	0.354	5.6	100	0.00
25	Isophorone	0.745	0.734	1.5	108	0.00
26 C	2-Nitrophenol	0.162	0.163	-0.6	104	0.00
27	2,4-Dimethylphenol	0.284	0.298	-4.9	110	0.00
28	bis(2-Chloroethoxy)methane	0.402	0.391	2.7	104	0.00
29 C	2,4-Dichlorophenol	0.300	0.283	5.7	100	0.00
30	1,2,4-Trichlorobenzene	0.316	0.307	2.8	105	0.00
31	Naphthalene	1.037	0.972	6.3	103	0.00
32	Benzoic acid	0.226	0.229	-1.3	105	-0.06
33	4-Chloroaniline	0.402	0.439	-9.2	114	0.00
34 C	Hexachlorobutadiene	0.234	0.215	8.1	99	0.00
35	Caprolactam	0.116	0.112	3.4	99	-0.03
36 C	4-Chloro-3-methylphenol	0.389	0.370	4.9	103	0.00
37	2-Methylnaphthalene	0.771	0.661	14.3	92	0.00
38	1-Methylnaphthalene	0.761	0.701	7.9	99	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	109	0.00
40	1,2,4,5-Tetrachlorobenzene	0.577	0.558	3.3	104	0.00
41 P	Hexachlorocyclopentadiene	0.274	0.353	-28.8#	140	0.00
42 S	2,4,6-Tribromophenol	0.265	0.244	7.9	96	0.00
43 C	2,4,6-Trichlorophenol	0.386	0.380	1.6	104	0.00
44	2,4,5-Trichlorophenol	0.418	0.400	4.3	101	0.00
45 S	2-Fluorobiphenyl	1.310	1.230	6.1	101	0.00
46	1,1'-Biphenyl	1.457	1.421	2.5	104	0.00
47	2-Chloronaphthalene	1.095	1.048	4.3	103	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
 Data File : BG064226.D
 Acq On : 28 Aug 2025 18:19
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG082825

Quant Time: Aug 28 19:07:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 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	0.373	0.390	-4.6	104	0.00
49	Acenaphthylene	1.619	1.763	-8.9	115	0.00
50	Dimethylphthalate	1.514	1.435	5.2	101	0.00
51	2,6-Dinitrotoluene	0.293	0.314	-7.2	106	0.00
52 C	Acenaphthene	1.142	1.063	6.9	98	0.00
53	3-Nitroaniline	0.307	0.323	-5.2	106	0.00
54 P	2,4-Dinitrophenol	0.163	0.166	-1.8	102	0.00
55	Dibenzofuran	1.797	1.698	5.5	101	0.00
56 P	4-Nitrophenol	0.252	0.247	2.0	94	0.00
57	2,4-Dinitrotoluene	0.443	0.451	-1.8	102	0.00
58	Fluorene	1.473	1.412	4.1	101	0.00
59	2,3,4,6-Tetrachlorophenol	0.402	0.410	-2.0	107	0.00
60	Diethylphthalate	1.620	1.518	6.3	98	0.00
61	4-Chlorophenyl-phenylether	0.734	0.697	5.0	101	0.00
62	4-Nitroaniline	0.313	0.331	-5.8	103	-0.01
63	Azobenzene	1.444	1.408	2.5	102	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	106	0.00
65	4,6-Dinitro-2-methylphenol	0.115	0.110	4.3	99	0.00
66 c	n-Nitrosodiphenylamine	0.550	0.532	3.3	101	0.00
67	4-Bromophenyl-phenylether	0.212	0.199	6.1	98	0.00
68	Hexachlorobenzene	0.236	0.223	5.5	105	0.00
69	Atrazine	0.230	0.216	6.1	96	0.00
70 C	Pentachlorophenol	0.143	0.132	7.7	92	0.00
71	Phenanthrene	1.055	0.992	6.0	97	0.00
72	Anthracene	1.073	1.018	5.1	97	0.00
73	Carbazole	0.945	0.896	5.2	95	0.00
74	Di-n-butylphthalate	1.136	1.081	4.8	95	0.00
75 C	Fluoranthene	1.240	1.139	8.1	93	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	101	0.00
77	Benzidine	0.421	0.537	-27.6#	122	0.00
78	Pyrene	1.260	1.180	6.3	92	0.00
79 S	Terphenyl-d14	0.959	0.908	5.3	94	0.00
80	Butylbenzylphthalate	0.475	0.460	3.2	94	0.00
81	Benzo(a)anthracene	1.280	1.221	4.6	95	0.00
82	3,3'-Dichlorobenzidine	0.417	0.438	-5.0	104	0.00
83	Chrysene	1.228	1.165	5.1	95	0.00
84	Bis(2-ethylhexyl)phthalate	0.714	0.696	2.5	96	0.00
85 c	Di-n-octyl phthalate	1.243	1.210	2.7	97	0.00
86 I	Perylene-d12	1.000	1.000	0.0	101	0.00
87	Indeno(1,2,3-cd)pyrene	1.366	1.302	4.7	94	-0.02
88	Benzo(b)fluoranthene	1.129	1.102	2.4	95	0.00
89	Benzo(k)fluoranthene	1.150	1.096	4.7	97	-0.01
90 C	Benzo(a)pyrene	1.050	1.059	-0.9	99	0.00
91	Dibenzo(a,h)anthracene	1.097	1.068	2.6	95	-0.01
92	Benzo(g,h,i)perylene	1.067	1.042	2.3	98	-0.03

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064226.D
Acq On : 28 Aug 2025 18:19
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG082825

Quant Time: Aug 28 19:07:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
 Data File : BG064226.D
 Acq On : 28 Aug 2025 18:19
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
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Instrument :
 BNA_G
 ClientSampleId :
 ICVBG082825

Quant Time: Aug 28 19:07:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 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	112	0.00
2	1,4-Dioxane	40.000	35.656	10.9	120	0.00
3	Pyridine	40.000	34.517	13.7	99	0.00
4	n-Nitrosodimethylamine	40.000	37.335	6.7	103	0.00
5 S	2-Fluorophenol	80.000	70.880	11.4	100	0.00
6	Aniline	40.000	37.952	5.1	106	0.00
7 S	Phenol-d6	80.000	71.628	10.5	101	0.00
8	2-Chlorophenol	40.000	37.539	6.2	101	0.00
9	Benzaldehyde	40.000	34.257	14.4	88	0.00
10 C	Phenol	40.000	37.147	7.1	105	0.00
11	bis(2-Chloroethyl)ether	40.000	37.580	6.1	104	0.00
12	1,3-Dichlorobenzene	40.000	37.215	7.0	103	0.00
13 C	1,4-Dichlorobenzene	40.000	38.174	4.6	107	0.00
14	1,2-Dichlorobenzene	40.000	39.476	1.3	111	0.00
15	Benzyl Alcohol	40.000	38.856	2.9	108	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	36.690	8.3	103	0.00
17	2-Methylphenol	40.000	37.241	6.9	104	0.00
18	Hexachloroethane	40.000	36.223	9.4	99	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	39.592	1.0	108	0.00
20	3+4-Methylphenols	40.000	37.186	7.0	107	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	110	0.00
22	Acetophenone	40.000	39.493	1.3	109	0.00
23 S	Nitrobenzene-d5	80.000	76.975	3.8	104	0.00
24	Nitrobenzene	40.000	37.815	5.5	100	0.00
25	Isophorone	40.000	39.413	1.5	108	0.00
26 C	2-Nitrophenol	40.000	40.318	-0.8	104	0.00
27	2,4-Dimethylphenol	40.000	41.907	-4.8	110	0.00
28	bis(2-Chloroethoxy)methane	40.000	38.946	2.6	104	0.00
29 C	2,4-Dichlorophenol	40.000	37.784	5.5	100	0.00
30	1,2,4-Trichlorobenzene	40.000	38.773	3.1	105	0.00
31	Naphthalene	40.000	37.507	6.2	103	0.00
32	Benzoic acid	40.000	40.656	-1.6	105	-0.06
33	4-Chloroaniline	40.000	43.702	-9.3	114	0.00
34 C	Hexachlorobutadiene	40.000	36.817	8.0	99	0.00
35	Caprolactam	40.000	38.456	3.9	99	-0.03
36 C	4-Chloro-3-methylphenol	40.000	38.019	5.0	103	0.00
37	2-Methylnaphthalene	40.000	34.277	14.3	92	0.00
38	1-Methylnaphthalene	40.000	36.825	7.9	99	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	109	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	38.648	3.4	104	0.00
41 P	Hexachlorocyclopentadiene	40.000	51.474	-28.7#	140	0.00
42 S	2,4,6-Tribromophenol	80.000	73.586	8.0	96	0.00
43 C	2,4,6-Trichlorophenol	40.000	39.413	1.5	104	0.00
44	2,4,5-Trichlorophenol	40.000	38.249	4.4	101	0.00
45 S	2-Fluorobiphenyl	80.000	75.105	6.1	101	0.00
46	1,1'-Biphenyl	40.000	39.011	2.5	104	0.00
47	2-Chloronaphthalene	40.000	38.279	4.3	103	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
 Data File : BG064226.D
 Acq On : 28 Aug 2025 18:19
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG082825

Quant Time: Aug 28 19:07:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 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	41.777	-4.4	104	0.00
49	Acenaphthylene	40.000	43.553	-8.9	115	0.00
50	Dimethylphthalate	40.000	37.909	5.2	101	0.00
51	2,6-Dinitrotoluene	40.000	42.818	-7.0	106	0.00
52 C	Acenaphthene	40.000	37.235	6.9	98	0.00
53	3-Nitroaniline	40.000	42.058	-5.1	106	0.00
54 P	2,4-Dinitrophenol	40.000	37.975	5.1	102	0.00
55	Dibenzofuran	40.000	37.793	5.5	101	0.00
56 P	4-Nitrophenol	40.000	39.235	1.9	94	0.00
57	2,4-Dinitrotoluene	40.000	40.756	-1.9	102	0.00
58	Fluorene	40.000	38.343	4.1	101	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	40.784	-2.0	107	0.00
60	Diethylphthalate	40.000	37.474	6.3	98	0.00
61	4-Chlorophenyl-phenylether	40.000	37.983	5.0	101	0.00
62	4-Nitroaniline	40.000	42.237	-5.6	103	-0.01
63	Azobenzene	40.000	38.992	2.5	102	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	106	0.00
65	4,6-Dinitro-2-methylphenol	40.000	38.211	4.5	99	0.00
66 c	n-Nitrosodiphenylamine	40.000	38.649	3.4	101	0.00
67	4-Bromophenyl-phenylether	40.000	37.437	6.4	98	0.00
68	Hexachlorobenzene	40.000	37.742	5.6	105	0.00
69	Atrazine	40.000	37.526	6.2	96	0.00
70 C	Pentachlorophenol	40.000	36.854	7.9	92	0.00
71	Phenanthrene	40.000	37.635	5.9	97	0.00
72	Anthracene	40.000	37.931	5.2	97	0.00
73	Carbazole	40.000	37.906	5.2	95	0.00
74	Di-n-butylphthalate	40.000	38.074	4.8	95	0.00
75 C	Fluoranthene	40.000	36.720	8.2	93	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	101	0.00
77	Benzydine	40.000	51.021	-27.6#	122	0.00
78	Pyrene	40.000	37.470	6.3	92	0.00
79 S	Terphenyl-d14	80.000	75.787	5.3	94	0.00
80	Butylbenzylphthalate	40.000	38.747	3.1	94	0.00
81	Benzo(a)anthracene	40.000	38.165	4.6	95	0.00
82	3,3'-Dichlorobenzidine	40.000	42.067	-5.2	104	0.00
83	Chrysene	40.000	37.933	5.2	95	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	39.008	2.5	96	0.00
85 c	Di-n-octyl phthalate	40.000	38.929	2.7	97	0.00
86 I	Perylene-d12	20.000	20.000	0.0	101	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	38.123	4.7	94	-0.02
88	Benzo(b)fluoranthene	40.000	39.068	2.3	95	0.00
89	Benzo(k)fluoranthene	40.000	38.135	4.7	97	-0.01
90 C	Benzo(a)pyrene	40.000	40.358	-0.9	99	0.00
91	Dibenzo(a,h)anthracene	40.000	38.953	2.6	95	-0.01
92	Benzo(g,h,i)perylene	40.000	39.074	2.3	98	-0.03

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064226.D
Acq On : 28 Aug 2025 18:19
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG082825

Quant Time: Aug 28 19:07:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 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>ZUCC01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3032</u>
Instrument ID:	<u>BNA_G</u>	Calibration Date/Time:	<u>09/08/2025 10:26</u>
Lab File ID:	<u>BG064301.D</u>	Init. Calib. Date(s):	<u>08/28/2025 08/28/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>10:51 16:16</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.115	1.121		0.5	
Benzaldehyde	1.260	1.141		-9.4	
Phenol-d6	1.532	1.574		2.7	
Phenol	1.689	1.734		2.7	20.0
bis(2-Chloroethyl)ether	1.269	1.209		-4.7	
2-Chlorophenol	1.362	1.358		-0.3	
2-Methylphenol	1.258	1.193		-5.2	
2,2-oxybis(1-Chloropropane)	2.897	2.304		-20.5	
Acetophenone	0.506	0.528		4.3	
3+4-Methylphenols	1.749	1.670		-4.5	
n-Nitroso-di-n-propylamine	1.172	1.110	0.050	-5.3	
Nitrobenzene-d5	0.359	0.398		10.9	
Hexachloroethane	0.571	0.574		0.5	
Nitrobenzene	0.375	0.399		6.4	
Isophorone	0.745	0.743		-0.3	
2-Nitrophenol	0.162	0.180		11.1	20.0
2,4-Dimethylphenol	0.284	0.307		8.1	
bis(2-Chloroethoxy)methane	0.402	0.400		-0.5	
2,4-Dichlorophenol	0.300	0.336		12.0	20.0
Naphthalene	1.037	1.084		4.5	
4-Chloroaniline	0.402	0.420		4.5	
Hexachlorobutadiene	0.234	0.282		20.5	20.0
Caprolactam	0.116	0.121		4.3	
4-Chloro-3-methylphenol	0.389	0.416		6.9	20.0
2-Methylnaphthalene	0.771	0.815		5.7	
Hexachlorocyclopentadiene	0.274	0.352	0.050	28.5	
2,4,6-Trichlorophenol	0.386	0.429		11.1	20.0
2-Fluorobiphenyl	1.310	1.393		6.3	
2,4,5-Trichlorophenol	0.418	0.474		13.4	
1,1-Biphenyl	1.457	1.533		5.2	
2-Chloronaphthalene	1.095	1.150		5.0	
2-Nitroaniline	0.373	0.422		13.1	
Dimethylphthalate	1.514	1.585		4.7	
Acenaphthylene	1.619	1.705		5.3	
2,6-Dinitrotoluene	0.293	0.342		16.7	
3-Nitroaniline	0.307	0.326		6.2	
Acenaphthene	1.142	1.218		6.7	20.0
2,4-Dinitrophenol	0.163	0.210	0.050	28.8	
4-Nitrophenol	0.252	0.277	0.050	9.9	



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>ZUCC01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3032</u>
Instrument ID:	<u>BNA_G</u>	Calibration Date/Time:	<u>09/08/2025 10:26</u>
Lab File ID:	<u>BG064301.D</u>	Init. Calib. Date(s):	<u>08/28/2025 08/28/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>10:51 16:16</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.797	1.896		5.5	
2,4-Dinitrotoluene	0.443	0.505		14.0	
Diethylphthalate	1.620	1.752		8.1	
4-Chlorophenyl-phenylether	0.734	0.826		12.5	
Fluorene	1.473	1.594		8.2	
4-Nitroaniline	0.313	0.370		18.2	
4,6-Dinitro-2-methylphenol	0.115	0.143		24.3	
n-Nitrosodiphenylamine	0.550	0.579		5.3	20.0
2,4,6-Tribromophenol	0.265	0.331		24.9	
4-Bromophenyl-phenylether	0.212	0.241		13.7	
Hexachlorobenzene	0.236	0.267		13.1	
Atrazine	0.230	0.258		12.2	
Pentachlorophenol	0.143	0.170		18.9	20.0
Phenanthrene	1.055	1.116		5.8	
Anthracene	1.073	1.126		4.9	
Carbazole	0.945	1.008		6.7	
Di-n-butylphthalate	1.136	1.234		8.6	
Fluoranthene	1.240	1.368		10.3	20.0
Pyrene	1.260	1.321		4.8	
Terphenyl-d14	0.959	1.040		8.4	
Butylbenzylphthalate	0.475	0.505		6.3	
3,3-Dichlorobenzidine	0.417	0.448		7.4	
Benzo (a) anthracene	1.280	1.333		4.1	
Chrysene	1.228	1.274		3.7	
Bis(2-ethylhexyl)phthalate	0.714	0.738		3.4	
Di-n-octyl phthalate	1.243	1.278		2.8	20.0
Benzo (b) fluoranthene	1.129	1.240		9.8	
Benzo (k) fluoranthene	1.150	1.207		5.0	
Benzo (a) pyrene	1.050	1.124		7.0	20.0
Indeno (1,2,3-cd) pyrene	1.366	1.477		8.1	
Dibenzo (a,h) anthracene	1.097	1.190		8.5	
Benzo (g,h,i) perylene	1.067	1.149		7.7	
1,2,4,5-Tetrachlorobenzene	0.577	0.657		13.9	
1,4-Dioxane	0.465	0.468		0.6	20.0
2,3,4,6-Tetrachlorophenol	0.402	0.471		17.2	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
 Data File : BG064301.D
 Acq On : 8 Sep 2025 10:26
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 08 13:45:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.847	152	22540	20.000	ng	-0.01
21) Naphthalene-d8	10.638	136	98292	20.000	ng	#-0.01
39) Acenaphthene-d10	14.475	164	71497	20.000	ng	0.00
64) Phenanthrene-d10	17.213	188	172801	20.000	ng	#-0.01
76) Chrysene-d12	21.449	240	186770	20.000	ng	# 0.00
86) Perylene-d12	24.451	264	203030	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.438	112	101082	80.457	ng	0.00
7) Phenol-d6	7.019	99	141912	82.220	ng	-0.01
23) Nitrobenzene-d5	9.005	82	156549	88.825	ng	-0.01
42) 2,4,6-Tribromophenol	15.967	330	94697	99.996	ng	0.00
45) 2-Fluorobiphenyl	13.100	172	398483	85.070	ng	-0.01
79) Terphenyl-d14	19.833	244	777189	86.817	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	21100	40.293	ng	85
3) Pyridine	3.740	79	58567	37.995	ng	# 56
4) n-Nitrosodimethylamine	3.664	42	41076	40.287	ng	# 93
6) Aniline	7.177	93	94269	39.495	ng	99
8) 2-Chlorophenol	7.412	128	61227	39.881	ng	97
9) Benzaldehyde	6.989	77	51454	36.225	ng	92
10) Phenol	7.048	94	78186	41.087	ng	88
11) bis(2-Chloroethyl)ether	7.277	93	54514	38.123	ng	94
12) 1,3-Dichlorobenzene	7.741	146	66361	40.631	ng	92
13) 1,4-Dichlorobenzene	7.882	146	68483	41.547	ng	92
14) 1,2-Dichlorobenzene	8.200	146	65847	41.391	ng	97
15) Benzyl Alcohol	8.082	79	64161	40.282	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.370	45	103842	31.807	ng	98
17) 2-Methylphenol	8.294	107	53796	37.932	ng	90
18) Hexachloroethane	8.928	117	25870	40.207	ng	82
19) n-Nitroso-di-n-propyla...	8.652	70	50036	37.878	ng	99
20) 3+4-Methylphenols	8.617	107	75295	38.208	ng	95
22) Acetophenone	8.664	105	103861	41.767	ng	100
24) Nitrobenzene	9.046	77	78494	42.627	ng	98
25) Isophorone	9.569	82	145972	39.851	ng	98
26) 2-Nitrophenol	9.751	139	35377	44.462	ng	# 89
27) 2,4-Dimethylphenol	9.815	122	60361	43.209	ng	96
28) bis(2-Chloroethoxy)met...	10.050	93	78693	39.843	ng	97
29) 2,4-Dichlorophenol	10.285	162	66004	44.780	ng	97
30) 1,2,4-Trichlorobenzene	10.503	180	70997	45.683	ng	99
31) Naphthalene	10.685	128	213153	41.820	ng	98
32) Benzoic acid	9.956	122	46051	41.529	ng	# 81
33) 4-Chloroaniline	10.791	127	82558	41.791	ng	98
34) Hexachlorobutadiene	10.979	225	55494	48.306	ng	# 84
35) Caprolactam	11.566	113	23844	41.778	ng	94
36) 4-Chloro-3-methylphenol	11.925	107	81800	42.774	ng	95
37) 2-Methylnaphthalene	12.295	142	160133	42.267	ng	96
38) 1-Methylnaphthalene	12.518	142	156779	41.896	ng	98
40) 1,2,4,5-Tetrachloroben...	12.665	216	93951	45.543	ng	99
41) Hexachlorocyclopentadiene	12.653	237	50334	51.338	ng	97
43) 2,4,6-Trichlorophenol	12.906	196	61406	44.535	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
 Data File : BG064301.D
 Acq On : 8 Sep 2025 10:26
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

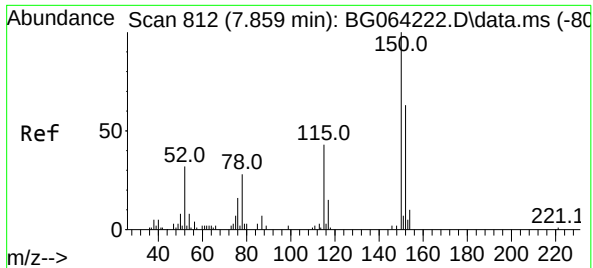
Quant Time: Sep 08 13:45:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.976	196	67791	45.324	ng	# 94
46) 1,1'-Biphenyl	13.311	154	219271	42.107	ng	98
47) 2-Chloronaphthalene	13.352	162	164384	41.989	ng	98
48) 2-Nitroaniline	13.552	65	60376	45.247	ng	91
49) Acenaphthylene	14.198	152	243871	42.140	ng	99
50) Dimethylphthalate	13.934	163	226710	41.892	ng	98
51) 2,6-Dinitrotoluene	14.052	165	48889	46.664	ng	# 91
52) Acenaphthene	14.539	154	174171	42.647	ng	97
53) 3-Nitroaniline	14.375	138	46574	42.439	ng	97
54) 2,4-Dinitrophenol	14.586	184	30037	46.433	ng	94
55) Dibenzofuran	14.874	168	271141	42.208	ng	99
56) 4-Nitrophenol	14.686	139	39579	43.966	ng	93
57) 2,4-Dinitrotoluene	14.839	165	72255	45.613	ng	# 96
58) Fluorene	15.520	166	227991	43.302	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.103	232	67415	46.862	ng	96
60) Diethylphthalate	15.303	149	250465	43.245	ng	99
61) 4-Chlorophenyl-phenylether	15.520	204	118167	45.014	ng	98
62) 4-Nitroaniline	15.538	138	52964	47.296	ng	96
63) Azobenzene	15.808	77	208082	40.310	ng	94
65) 4,6-Dinitro-2-methylph...	15.603	198	49405	49.798	ng	87
66) n-Nitrosodiphenylamine	15.732	169	200170	42.109	ng	100
67) 4-Bromophenyl-phenylether	16.413	248	83205	45.334	ng	97
68) Hexachlorobenzene	16.525	284	92205	45.240	ng	95
69) Atrazine	16.684	200	89055	44.868	ng	96
70) Pentachlorophenol	16.872	266	58820	47.596	ng	92
71) Phenanthrene	17.260	178	385836	42.334	ng	99
72) Anthracene	17.348	178	389030	41.962	ng	97
73) Carbazole	17.618	167	348219	42.636	ng	99
74) Di-n-butylphthalate	18.188	149	426320	43.448	ng	99
75) Fluoranthene	19.269	202	472756	44.115	ng	98
77) Benzidine	19.451	184	153435	39.052	ng	99
78) Pyrene	19.633	202	493292	41.922	ng	99
80) Butylbenzylphthalate	20.526	149	188582	42.492	ng	96
81) Benzo(a)anthracene	21.431	228	497969	41.675	ng	100
82) 3,3'-Dichlorobenzidine	21.349	252	167236	42.975	ng	99
83) Chrysene	21.490	228	476070	41.501	ng	99
84) Bis(2-ethylhexyl)phtha...	21.355	149	275515	41.349	ng	98
85) Di-n-octyl phthalate	22.495	149	477376	41.118	ng	97
87) Indeno(1,2,3-cd)pyrene	27.841	276	599839	43.262	ng	# 95
88) Benzo(b)fluoranthene	23.511	252	503622	43.951	ng	99
89) Benzo(k)fluoranthene	23.570	252	490292	41.999	ng	# 96
90) Benzo(a)pyrene	24.316	252	456567	42.833	ng	98
91) Dibenzo(a,h)anthracene	27.900	278	483369	43.420	ng	98
92) Benzo(g,h,i)perylene	28.899	276	466532	43.068	ng	96

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

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

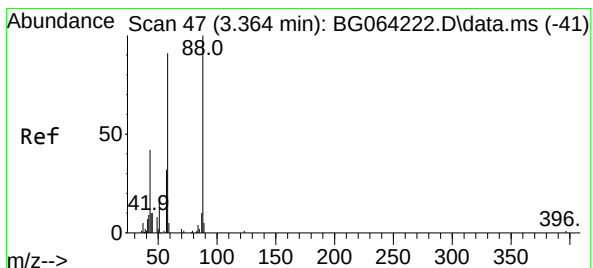
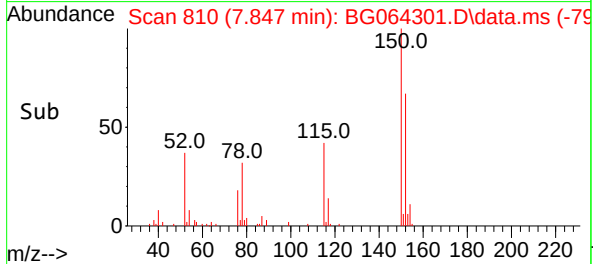
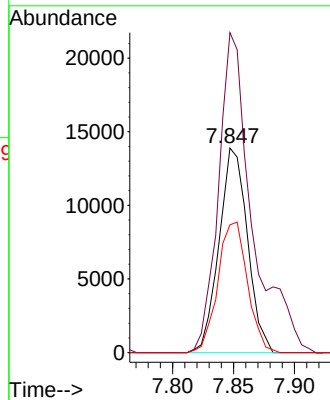
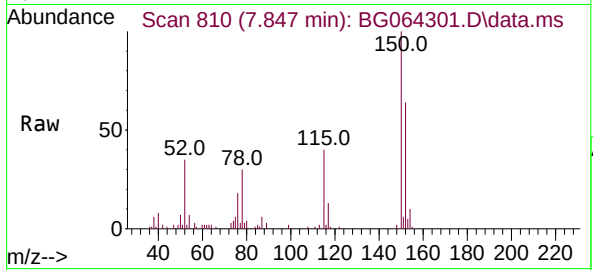
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.847 min Scan# 81
Delta R.T. -0.012 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

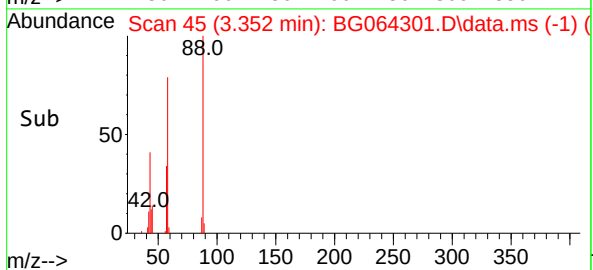
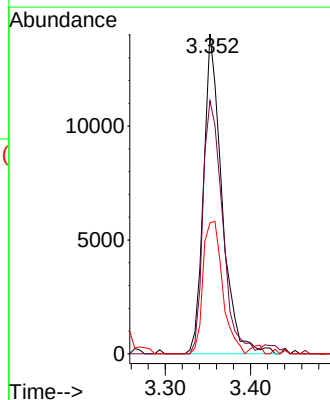
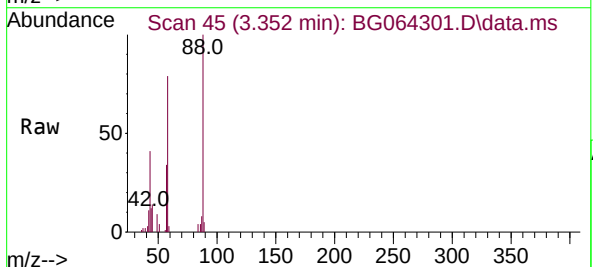
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

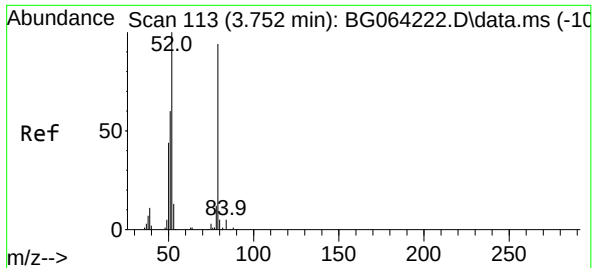
Tgt Ion:152 Resp: 22540
Ion Ratio Lower Upper
152 100
150 156.4 128.0 192.0
115 62.4 55.7 83.5



#2
1,4-Dioxane
Concen: 40.293 ng
RT: 3.352 min Scan# 45
Delta R.T. -0.006 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

Tgt Ion: 88 Resp: 21100
Ion Ratio Lower Upper
88 100
58 83.8 80.8 121.2
43 43.7 40.3 60.5

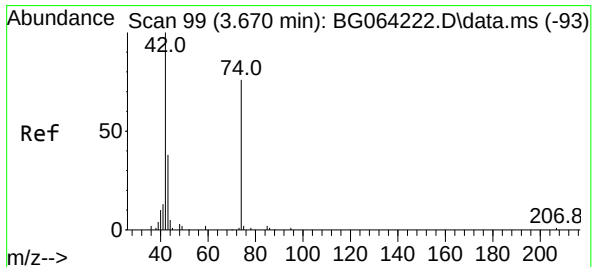
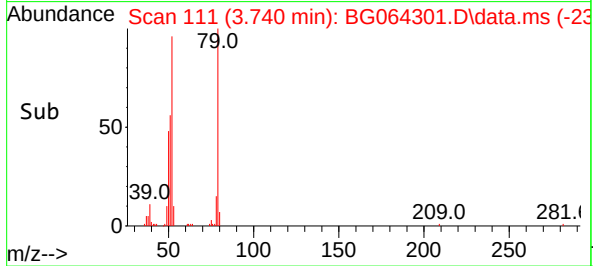
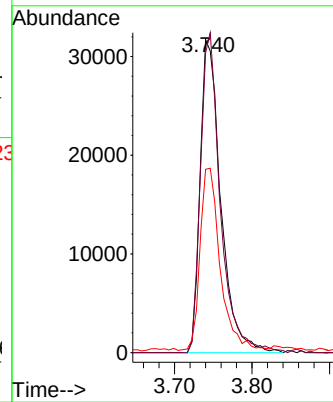
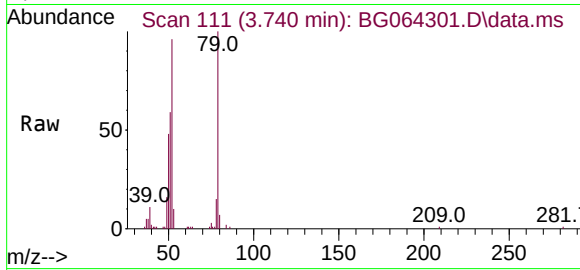




#3
Pyridine
Concen: 37.995 ng
RT: 3.740 min Scan# 113
Delta R.T. -0.012 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

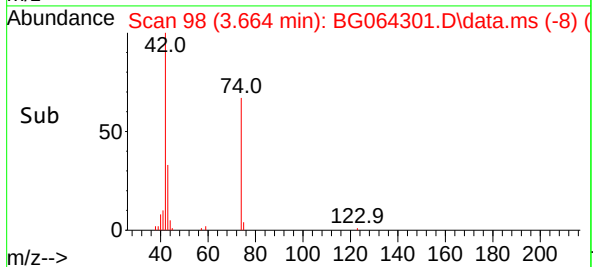
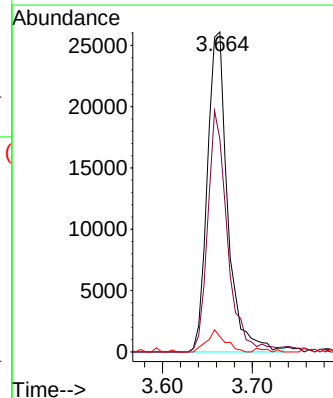
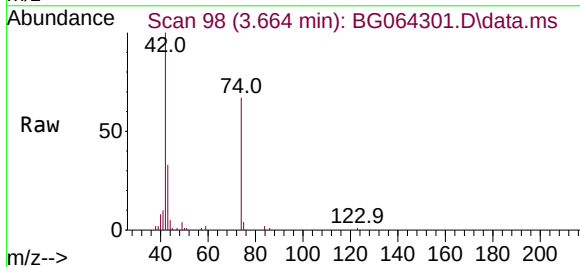
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

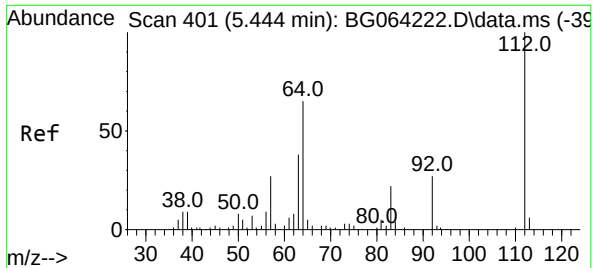
Tgt Ion: 79 Resp: 58567
Ion Ratio Lower Upper
79 100
52 95.8 86.6 129.8
51 58.6 114.1 171.1#



#4
n-Nitrosodimethylamine
Concen: 40.287 ng
RT: 3.664 min Scan# 98
Delta R.T. -0.000 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

Tgt Ion: 42 Resp: 41076
Ion Ratio Lower Upper
42 100
74 66.6 58.0 87.0
44 4.8 5.5 8.3#

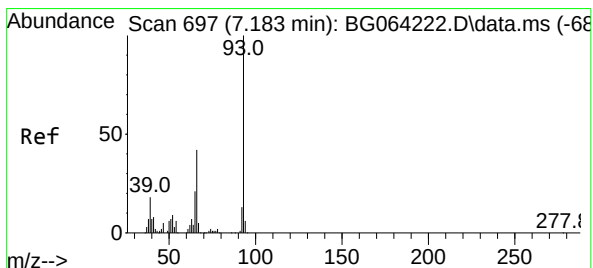
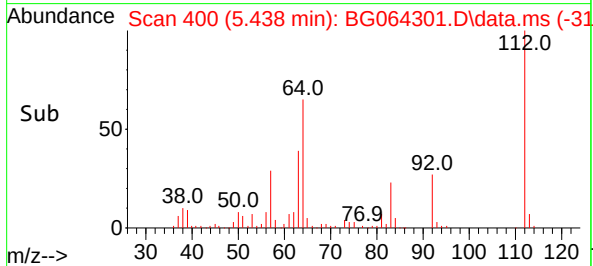
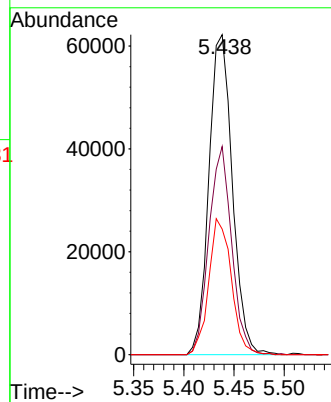
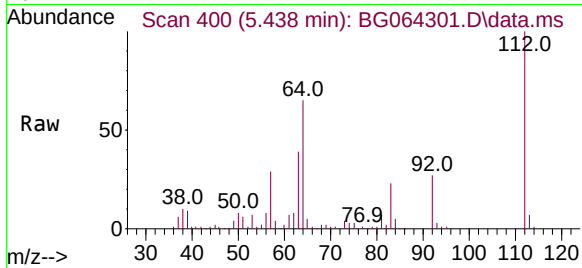




#5
2-Fluorophenol
Concen: 80.457 ng
RT: 5.438 min Scan# 401
Delta R.T. -0.006 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

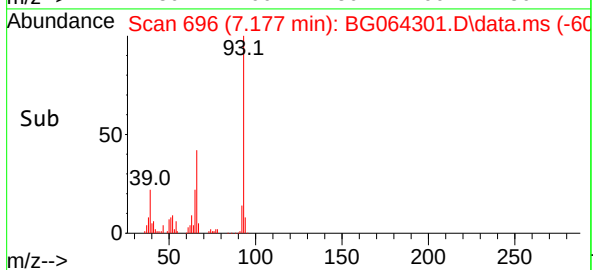
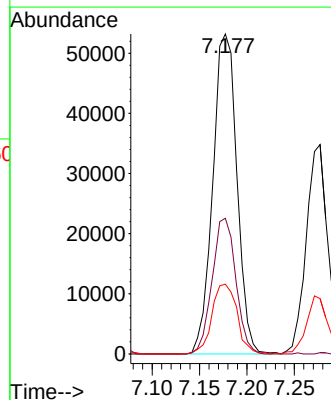
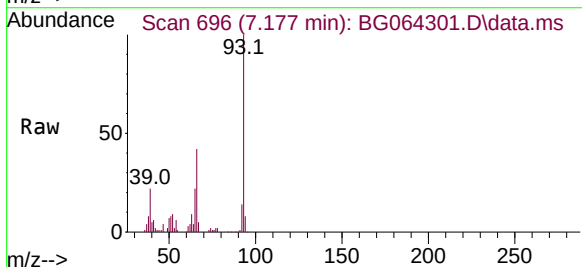
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

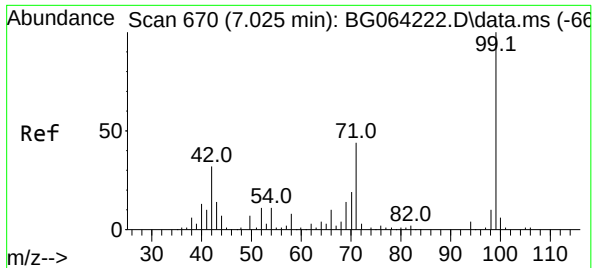
Tgt Ion:112 Resp: 101082
Ion Ratio Lower Upper
112 100
64 65.0 51.8 77.6
63 39.2 30.6 45.8



#6
Aniline
Concen: 39.495 ng
RT: 7.177 min Scan# 696
Delta R.T. -0.012 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

Tgt Ion: 93 Resp: 94269
Ion Ratio Lower Upper
93 100
66 42.4 33.8 50.8
65 21.8 16.9 25.3

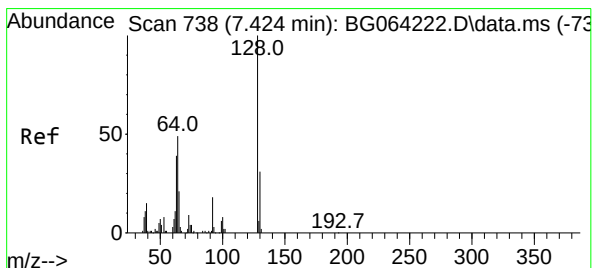
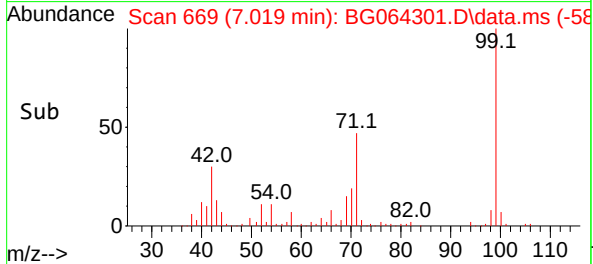
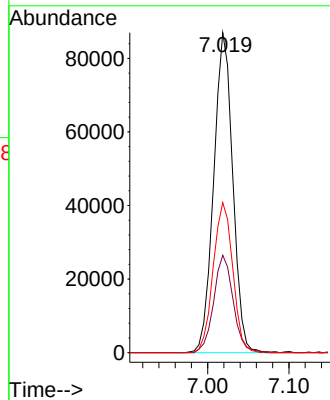
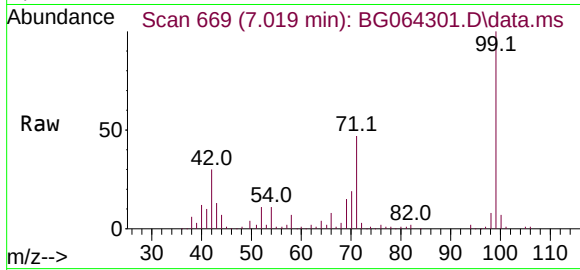




#7
Phenol-d6
Concen: 82.220 ng
RT: 7.019 min Scan# 60
Delta R.T. -0.012 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

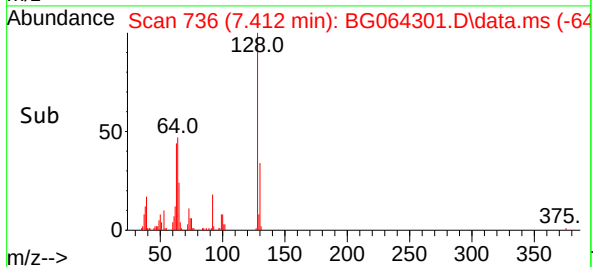
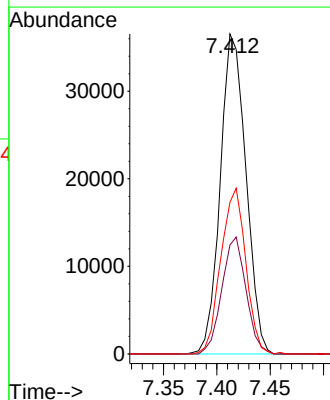
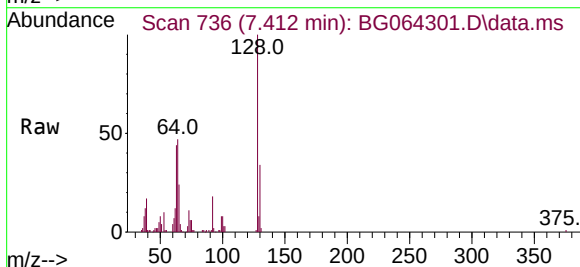
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

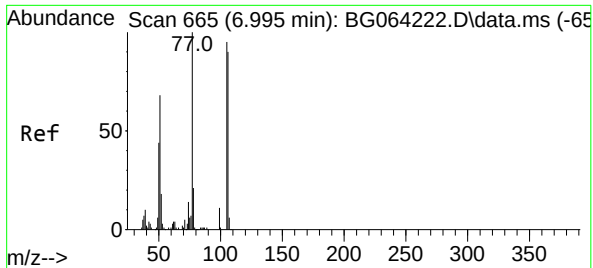
Tgt Ion: 99 Resp: 141912
Ion Ratio Lower Upper
99 100
42 30.4 25.8 38.8
71 46.9 35.2 52.8



#8
2-Chlorophenol
Concen: 39.881 ng
RT: 7.412 min Scan# 736
Delta R.T. -0.012 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

Tgt Ion: 128 Resp: 61227
Ion Ratio Lower Upper
128 100
130 34.0 10.9 50.9
64 47.4 28.7 68.7

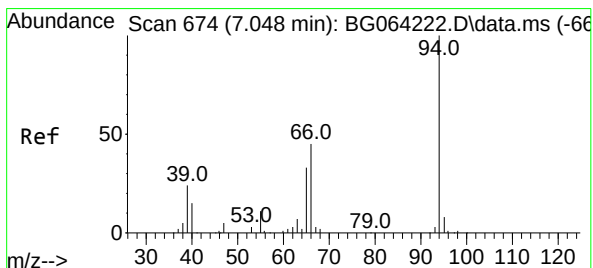
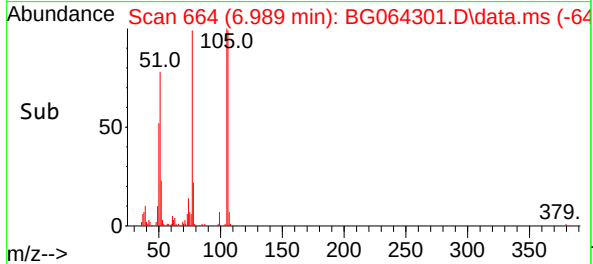
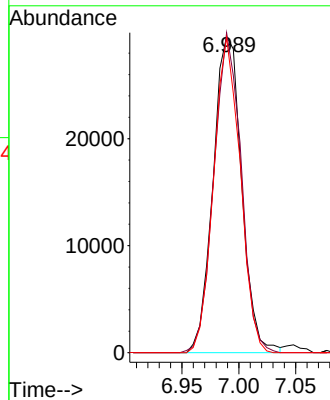
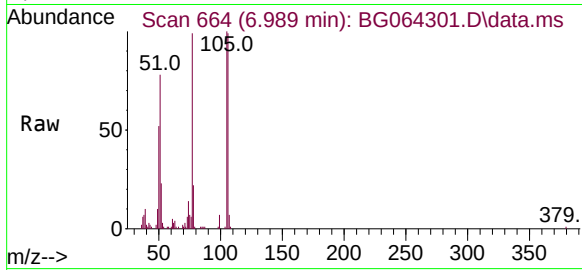




#9
Benzaldehyde
Concen: 36.225 ng
RT: 6.989 min Scan# 665
Delta R.T. -0.006 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

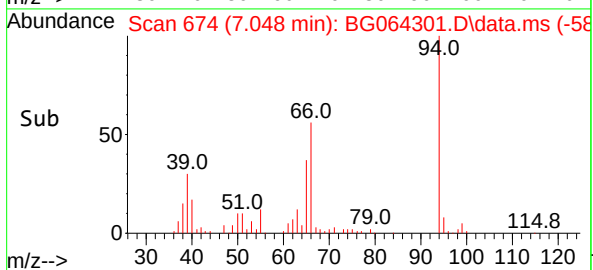
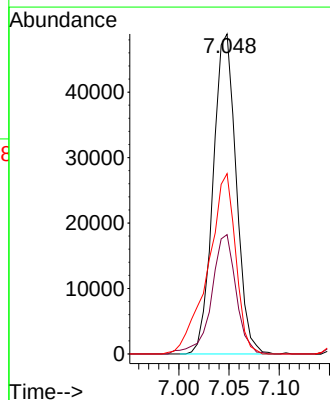
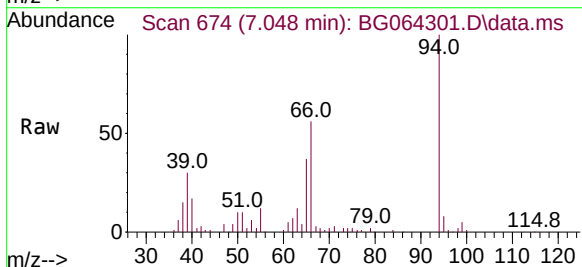
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

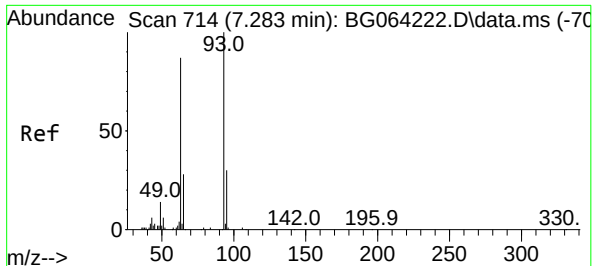
Tgt Ion: 77 Resp: 51454
Ion Ratio Lower Upper
77 100
105 101.3 75.2 115.2
106 99.8 69.6 109.6



#10
Phenol
Concen: 41.087 ng
RT: 7.048 min Scan# 674
Delta R.T. -0.006 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

Tgt Ion: 94 Resp: 78186
Ion Ratio Lower Upper
94 100
65 37.3 13.5 53.5
66 56.3 26.2 66.2

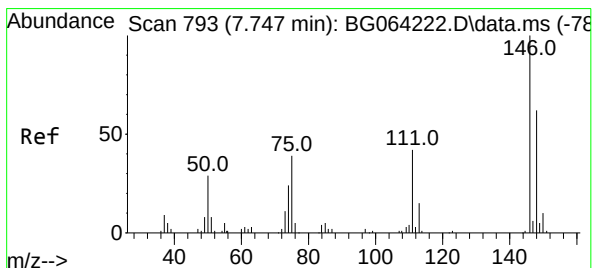
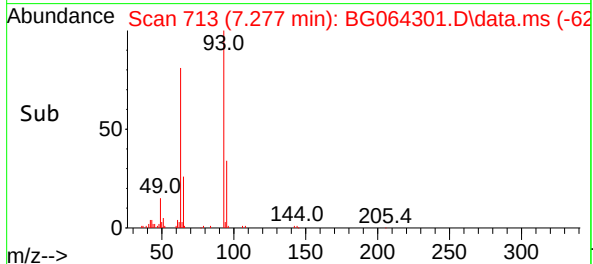
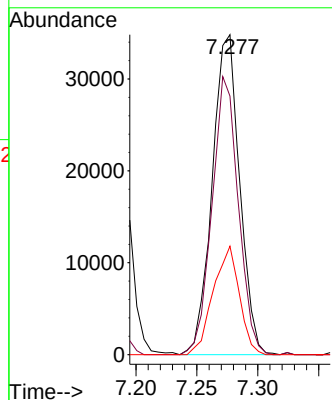
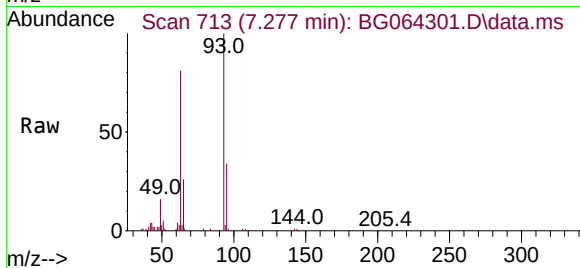




#11
bis(2-Chloroethyl)ether
Concen: 38.123 ng
RT: 7.277 min Scan# 714
Delta R.T. -0.006 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

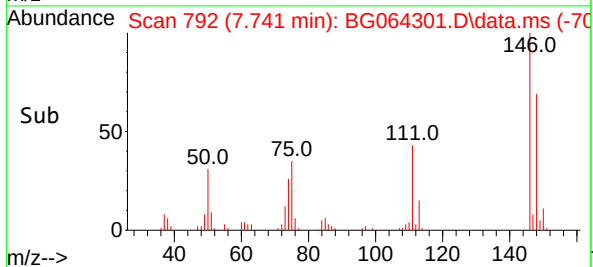
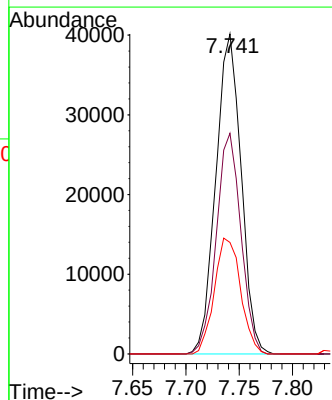
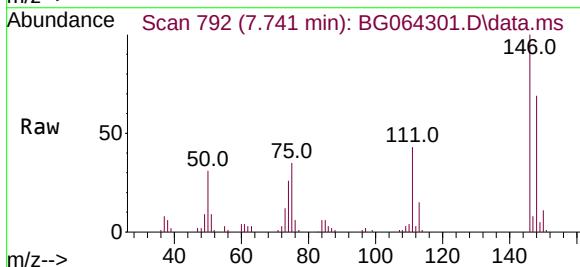
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

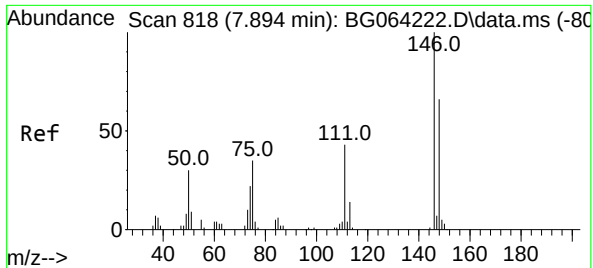
Tgt Ion: 93 Resp: 54514
Ion Ratio Lower Upper
93 100
63 80.8 66.2 106.2
95 33.9 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 40.631 ng
RT: 7.741 min Scan# 792
Delta R.T. -0.006 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

Tgt Ion: 146 Resp: 66361
Ion Ratio Lower Upper
146 100
148 68.9 49.6 74.4
75 34.8 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 41.547 ng

RT: 7.882 min Scan# 81

Delta R.T. -0.012 min

Lab File: BG064301.D

Acq: 8 Sep 2025 10:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

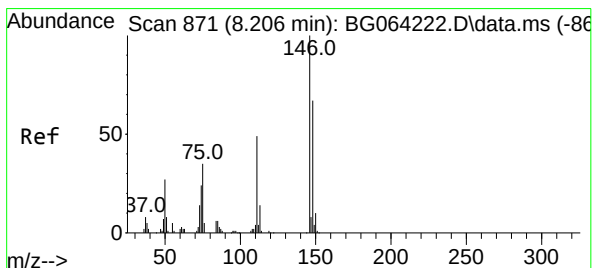
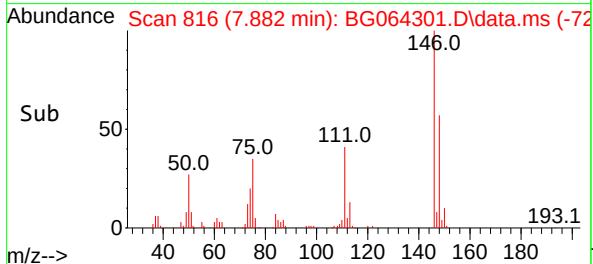
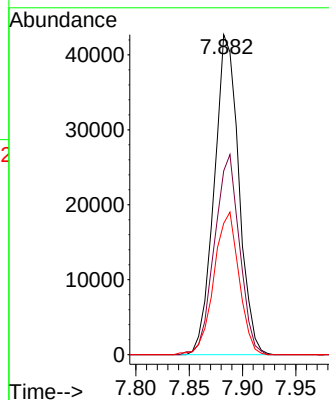
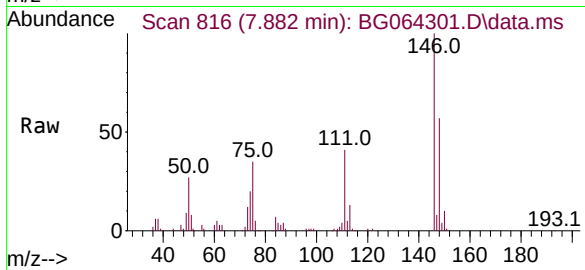
Tgt Ion:146 Resp: 68483

Ion Ratio Lower Upper

146 100

148 57.4 52.8 79.2

111 41.0 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 41.391 ng

RT: 8.200 min Scan# 870

Delta R.T. -0.012 min

Lab File: BG064301.D

Acq: 8 Sep 2025 10:26

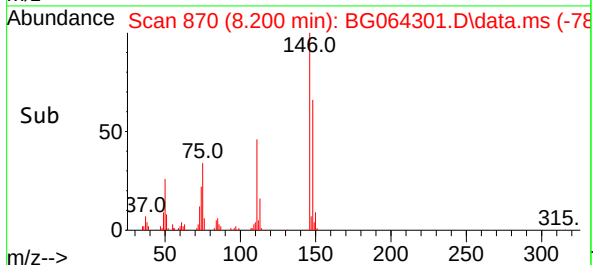
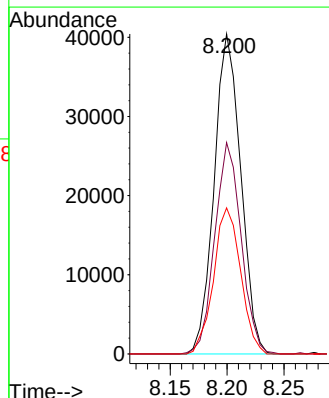
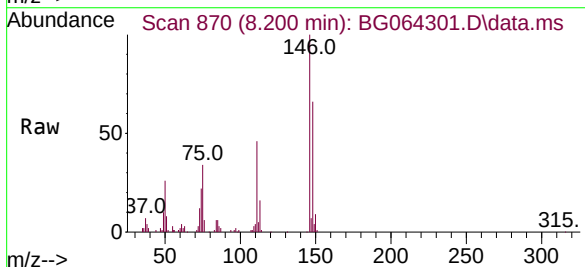
Tgt Ion:146 Resp: 65847

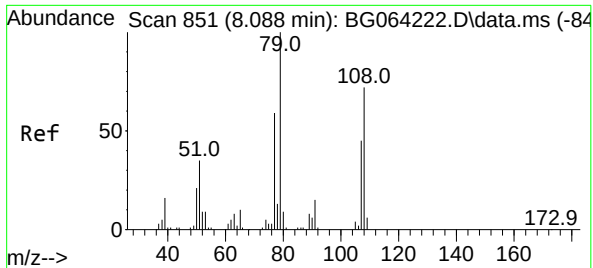
Ion Ratio Lower Upper

146 100

148 66.0 53.4 80.0

111 45.6 39.1 58.7

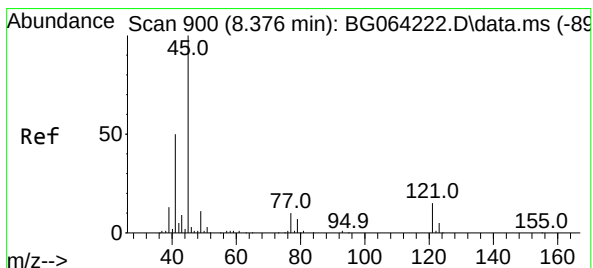
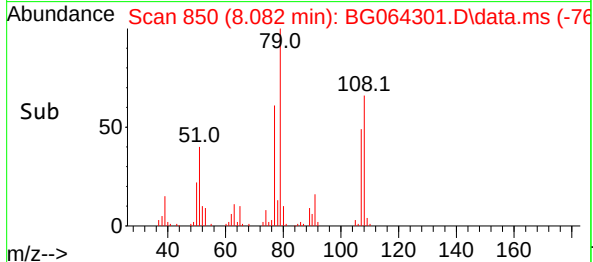
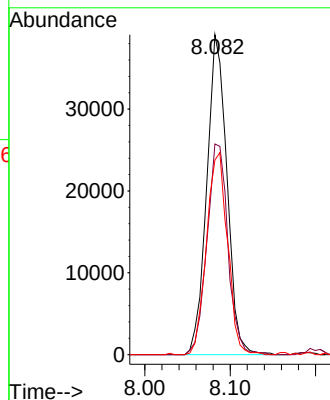
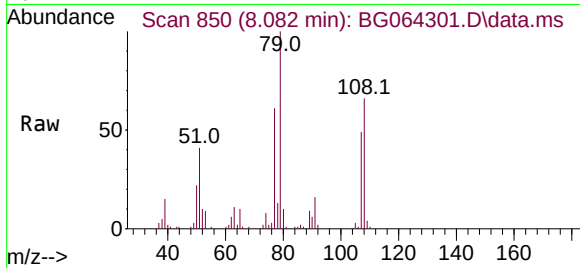




#15
Benzyl Alcohol
Concen: 40.282 ng
RT: 8.082 min Scan# 81
Delta R.T. -0.012 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

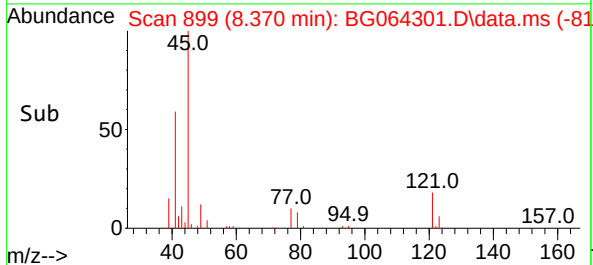
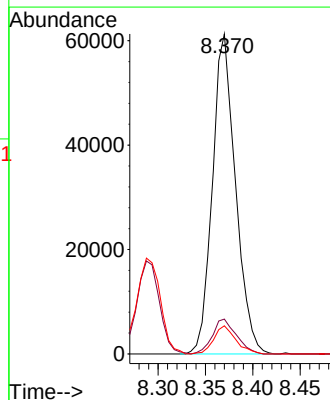
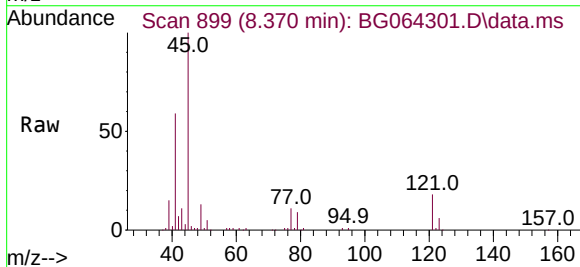
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

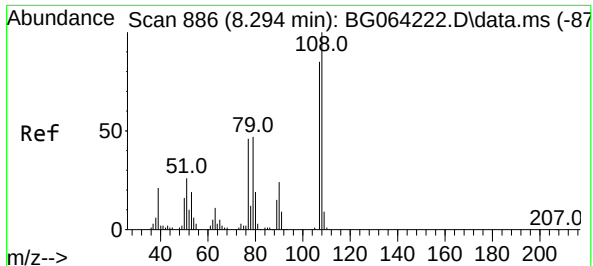
Tgt Ion: 79 Resp: 64161
Ion Ratio Lower Upper
79 100
108 65.8 57.4 86.0
77 60.8 47.2 70.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 31.807 ng
RT: 8.370 min Scan# 899
Delta R.T. -0.006 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

Tgt Ion: 45 Resp: 103842
Ion Ratio Lower Upper
45 100
77 10.9 0.0 30.0
79 8.8 0.0 27.9

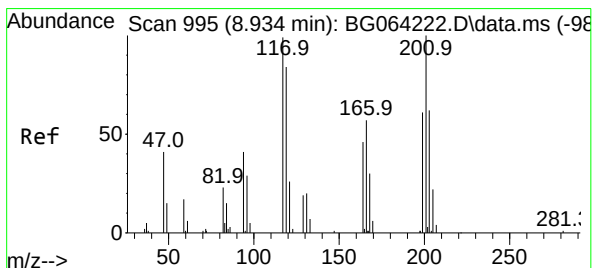
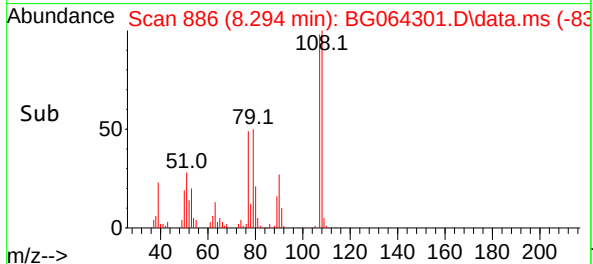
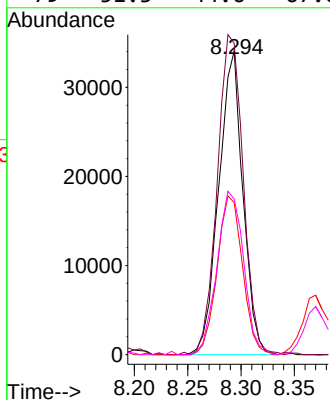
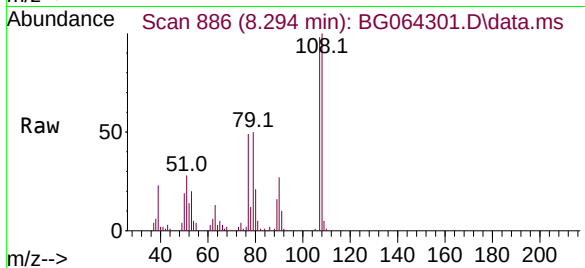




#17
2-Methylphenol
Concen: 37.932 ng
RT: 8.294 min Scan# 886
Delta R.T. -0.006 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

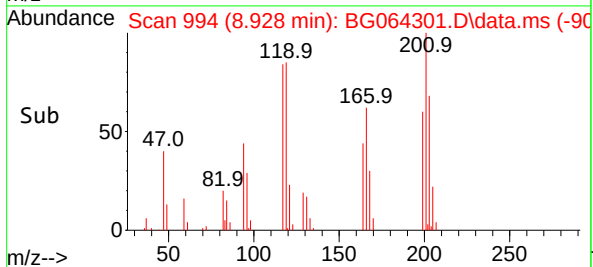
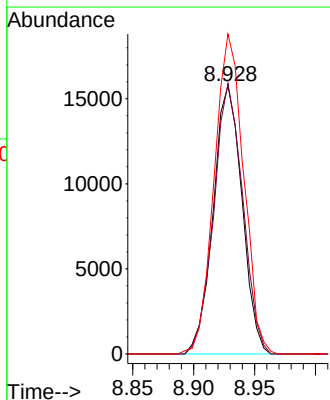
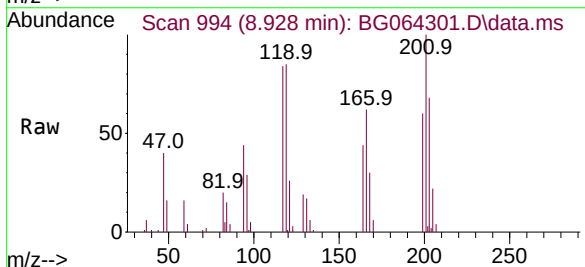
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

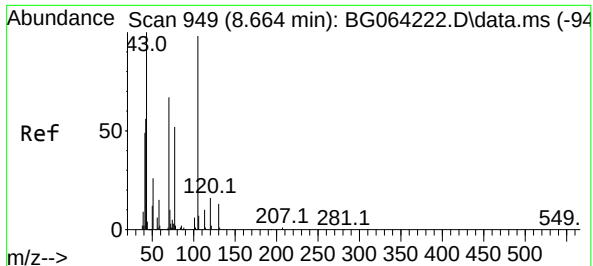
Tgt Ion:	107	Resp:	53796
Ion	Ratio	Lower	Upper
107	100		
108	102.6	94.6	141.8
77	50.1	43.7	65.5
79	51.3	44.6	67.0



#18
Hexachloroethane
Concen: 40.207 ng
RT: 8.928 min Scan# 994
Delta R.T. -0.006 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

Tgt Ion:	117	Resp:	25870
Ion	Ratio	Lower	Upper
117	100		
119	100.8	67.9	101.9
201	119.3	80.5	120.7





#19

n-Nitroso-di-n-propylamine

Concen: 37.878 ng

RT: 8.652 min Scan# 94

Delta R.T. -0.012 min

Lab File: BG064301.D

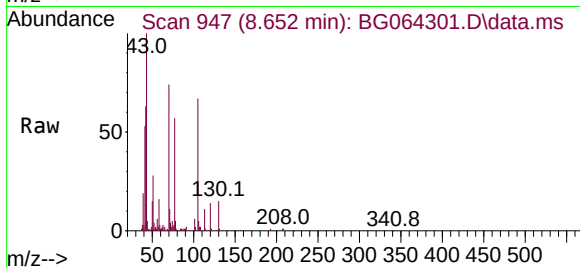
Acq: 8 Sep 2025 10:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 50036

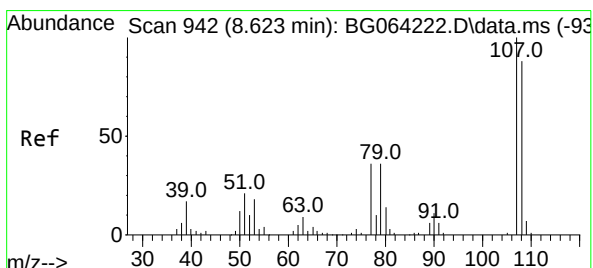
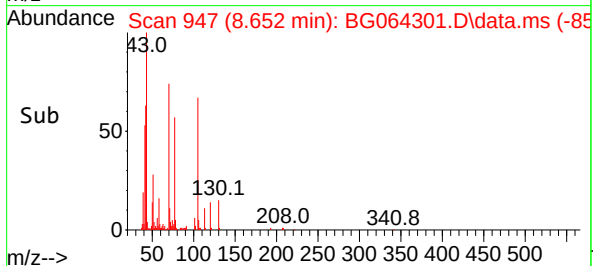
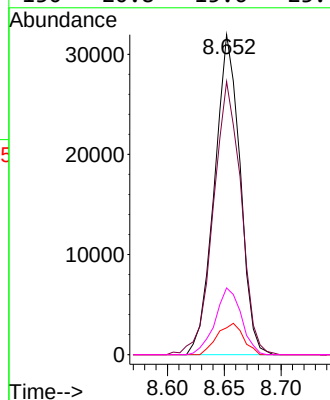
Ion Ratio Lower Upper

70 100

42 85.3 67.9 101.9

101 8.4 7.3 10.9

130 20.8 15.6 23.4



#20

3+4-Methylphenols

Concen: 38.208 ng

RT: 8.617 min Scan# 941

Delta R.T. -0.012 min

Lab File: BG064301.D

Acq: 8 Sep 2025 10:26

Tgt Ion: 107 Resp: 75295

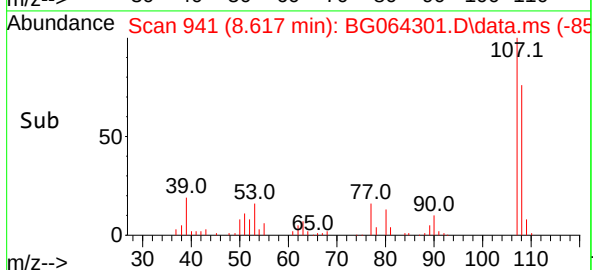
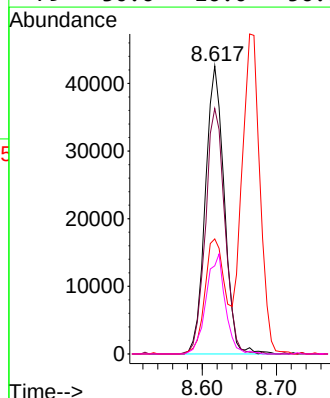
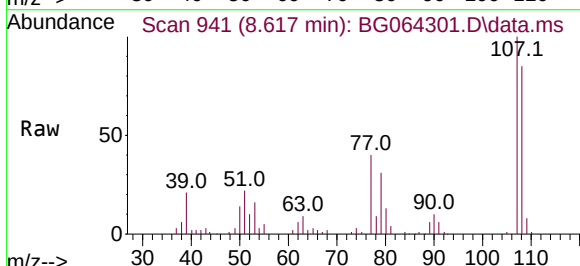
Ion Ratio Lower Upper

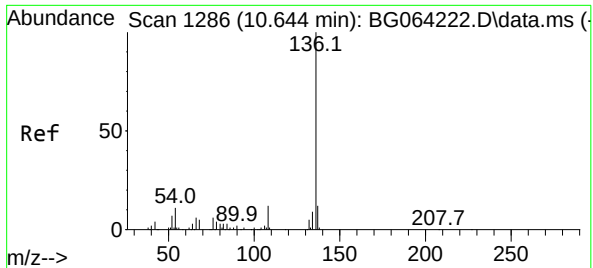
107 100

108 85.2 68.1 108.1

77 39.9 15.9 55.9

79 30.6 16.0 56.0

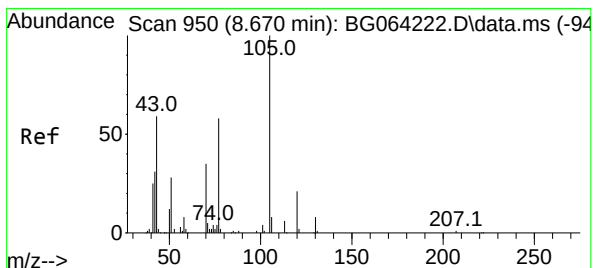
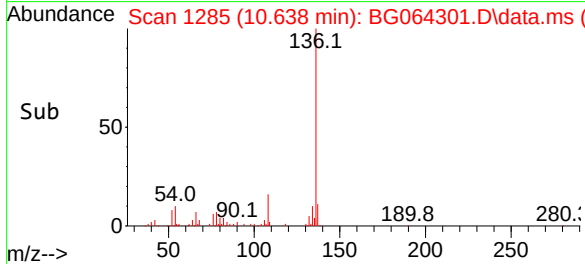
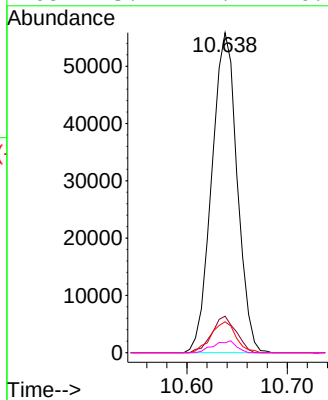
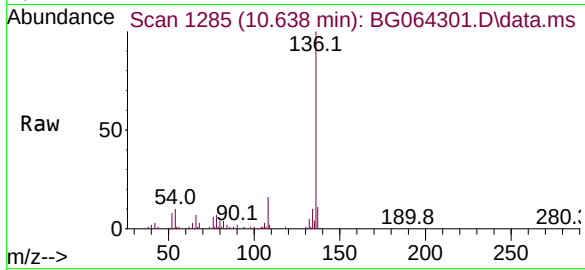




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.638 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

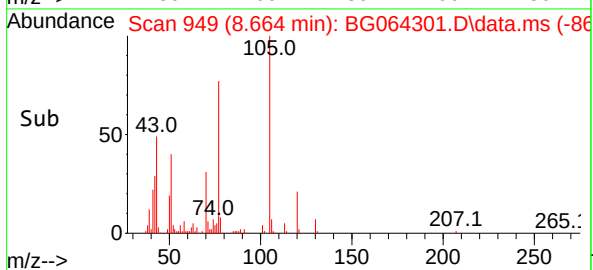
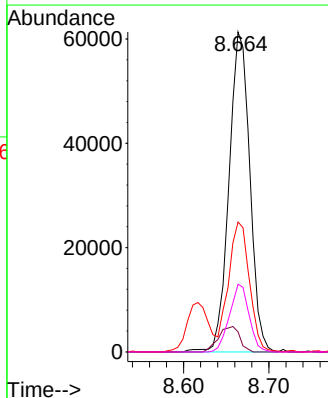
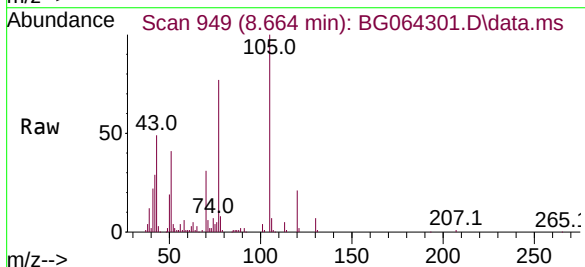
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

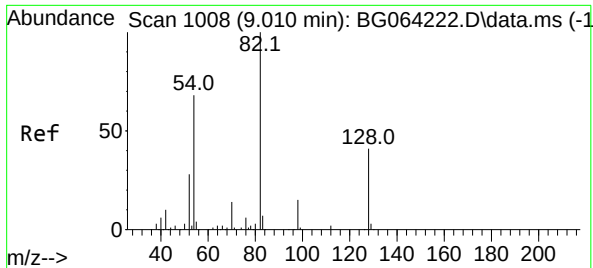
Tgt Ion:136 Resp: 98292
Ion Ratio Lower Upper
136 100
137 11.4 9.6 14.4
54 10.4 8.8 13.2
68 3.1 4.1 6.1#



#22
Acetophenone
Concen: 41.767 ng
RT: 8.664 min Scan# 949
Delta R.T. -0.012 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

Tgt Ion:105 Resp: 103861
Ion Ratio Lower Upper
105 100
71 6.3 4.3 6.5
51 40.6 32.4 48.6
120 21.1 16.8 25.2





#23

Nitrobenzene-d5

Concen: 88.825 ng

RT: 9.005 min Scan# 10

Delta R.T. -0.012 min

Lab File: BG064301.D

Acq: 8 Sep 2025 10:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

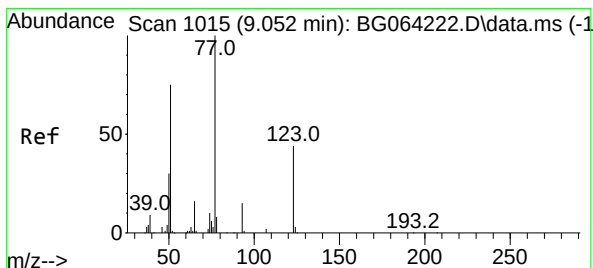
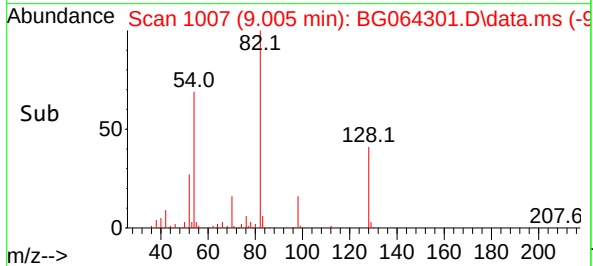
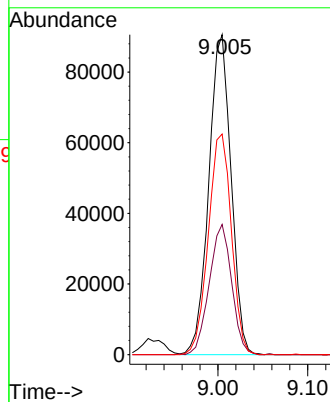
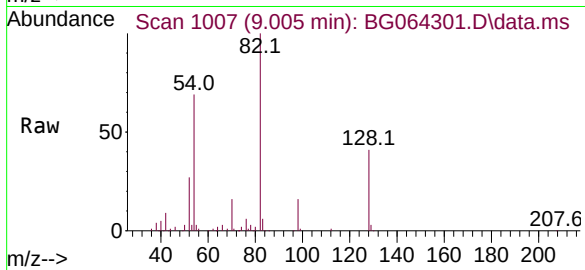
Tgt Ion: 82 Resp: 156549

Ion Ratio Lower Upper

82 100

128 40.7 32.6 48.8

54 68.9 54.7 82.1



#24

Nitrobenzene

Concen: 42.627 ng

RT: 9.046 min Scan# 1014

Delta R.T. -0.012 min

Lab File: BG064301.D

Acq: 8 Sep 2025 10:26

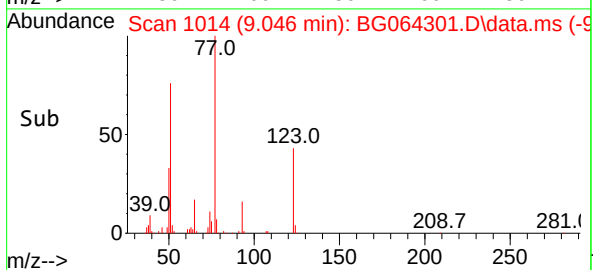
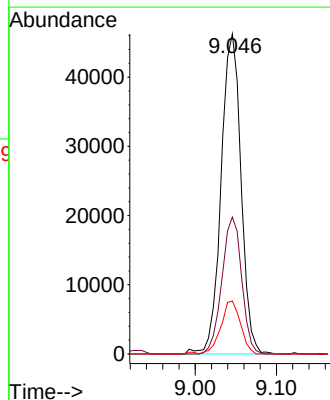
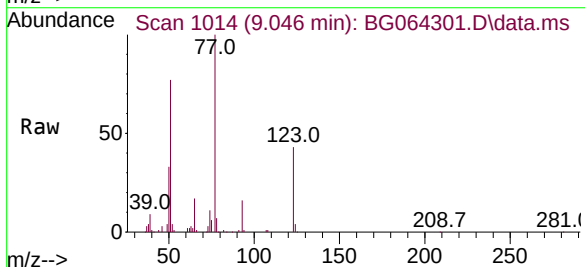
Tgt Ion: 77 Resp: 78494

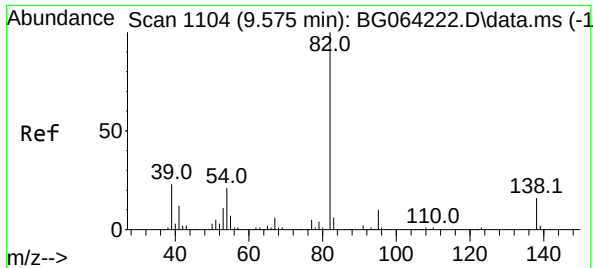
Ion Ratio Lower Upper

77 100

123 42.8 35.2 52.8

65 16.5 12.6 19.0

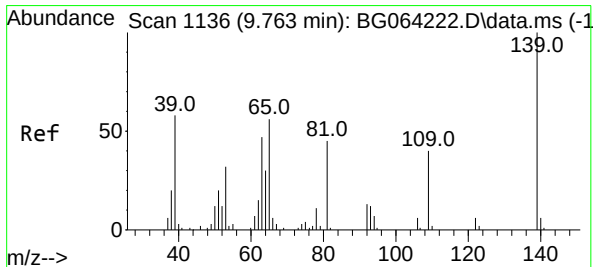
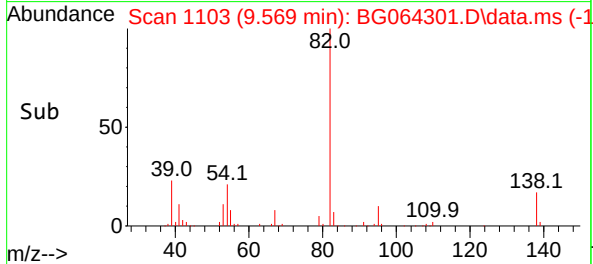
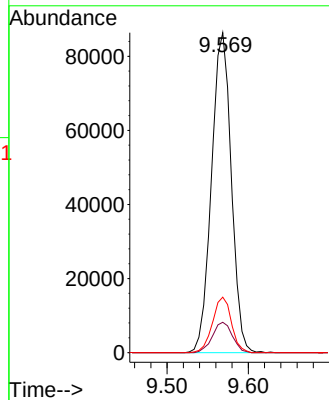
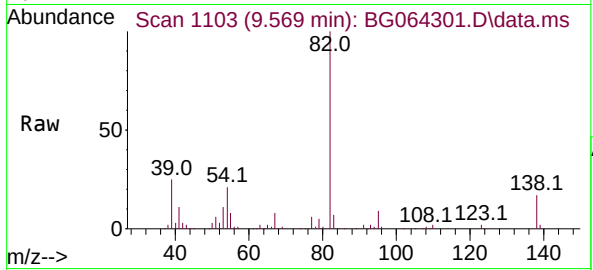




#25
Isophorone
Concen: 39.851 ng
RT: 9.569 min Scan# 1104
Delta R.T. -0.018 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

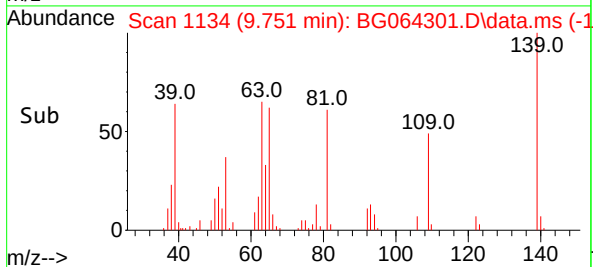
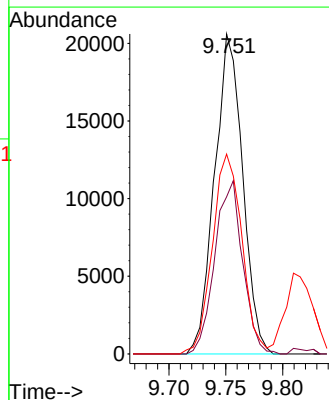
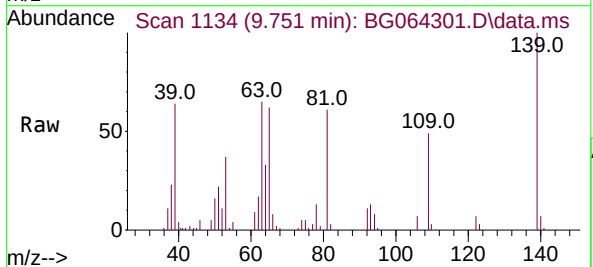
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

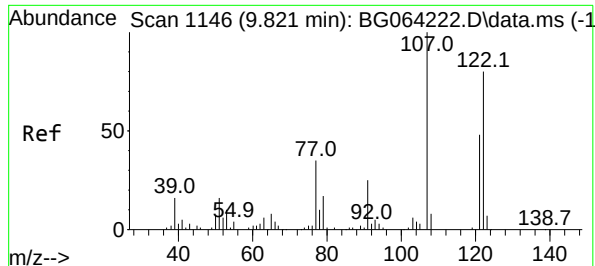
Tgt Ion: 82 Resp: 145972
Ion Ratio Lower Upper
82 100
95 9.5 7.9 11.9
138 17.3 13.0 19.4



#26
2-Nitrophenol
Concen: 44.462 ng
RT: 9.751 min Scan# 1134
Delta R.T. -0.012 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

Tgt Ion: 139 Resp: 35377
Ion Ratio Lower Upper
139 100
109 49.1 32.4 48.6#
65 62.4 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 43.209 ng

RT: 9.815 min Scan# 1145

Delta R.T. -0.012 min

Lab File: BG064301.D

Acq: 8 Sep 2025 10:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

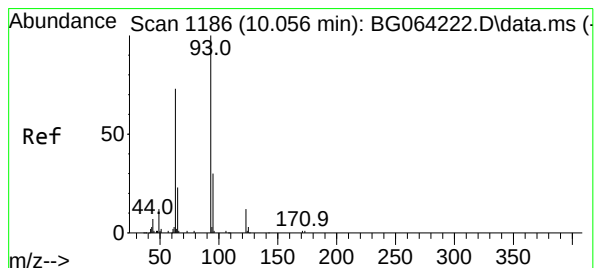
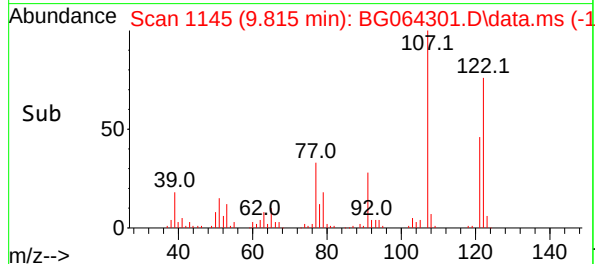
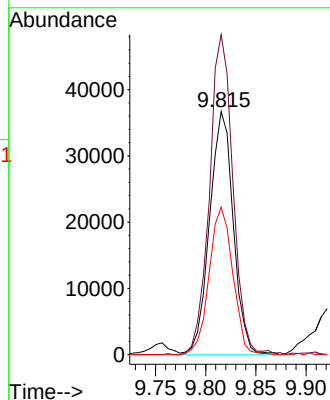
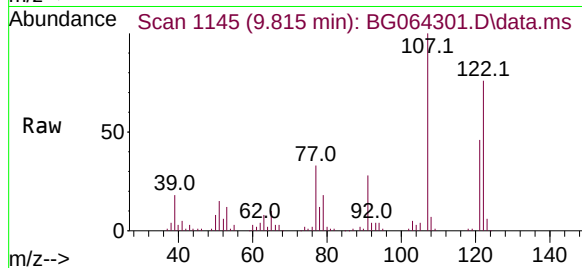
Tgt Ion:122 Resp: 60361

Ion Ratio Lower Upper

122 100

107 131.7 99.9 149.9

121 60.6 48.6 72.8



#28

bis(2-Chloroethoxy)methane

Concen: 39.843 ng

RT: 10.050 min Scan# 1185

Delta R.T. -0.012 min

Lab File: BG064301.D

Acq: 8 Sep 2025 10:26

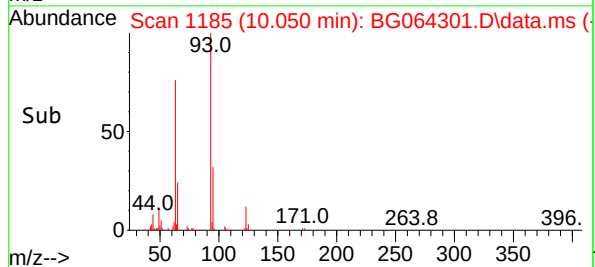
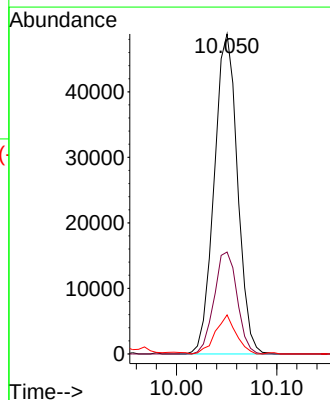
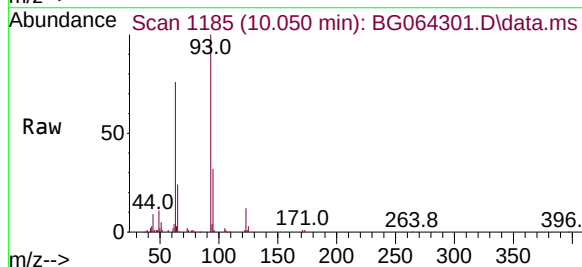
Tgt Ion: 93 Resp: 78693

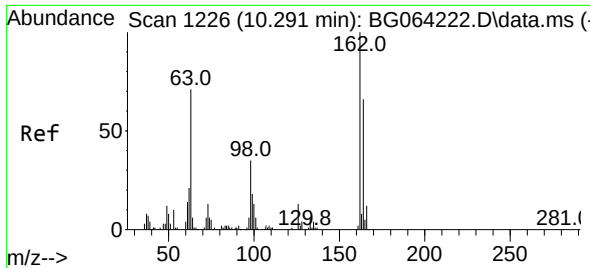
Ion Ratio Lower Upper

93 100

95 31.8 23.9 35.9

123 12.2 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 44.780 ng

RT: 10.285 min Scan# 1225

Delta R.T. -0.012 min

Lab File: BG064301.D

Acq: 8 Sep 2025 10:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

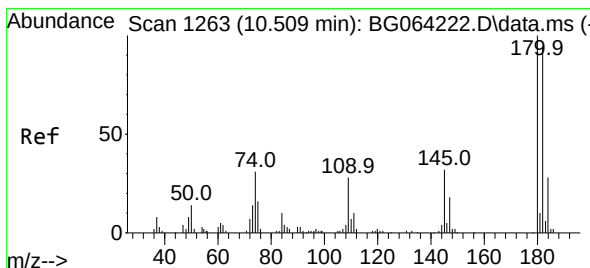
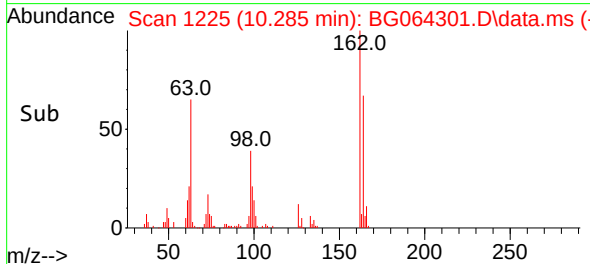
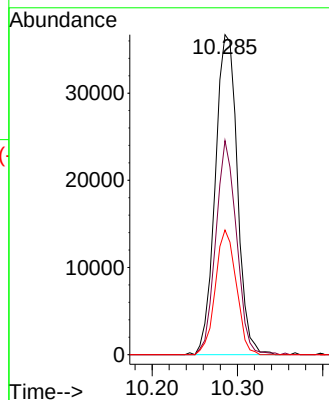
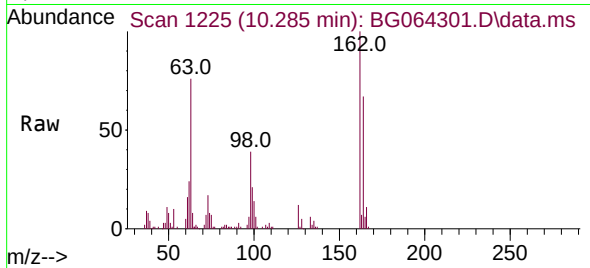
Tgt Ion:162 Resp: 66004

Ion Ratio Lower Upper

162 100

164 66.9 45.8 85.8

98 38.9 15.2 55.2



#30

1,2,4-Trichlorobenzene

Concen: 45.683 ng

RT: 10.503 min Scan# 1262

Delta R.T. -0.006 min

Lab File: BG064301.D

Acq: 8 Sep 2025 10:26

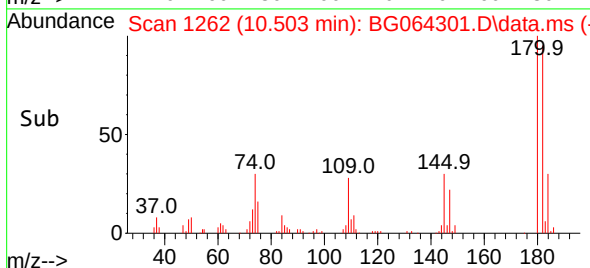
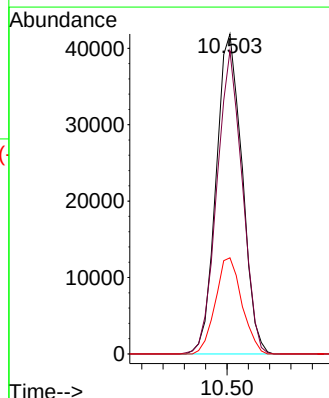
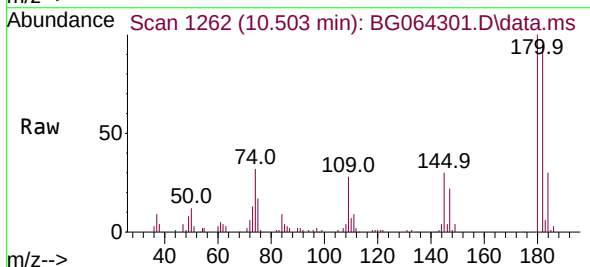
Tgt Ion:180 Resp: 70997

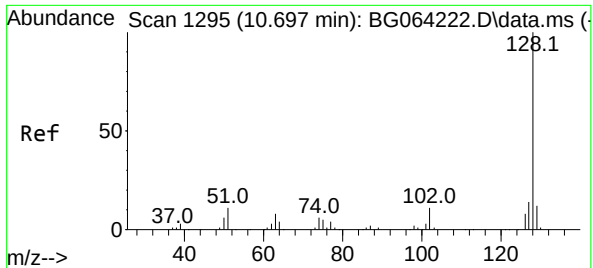
Ion Ratio Lower Upper

180 100

182 94.7 75.0 112.6

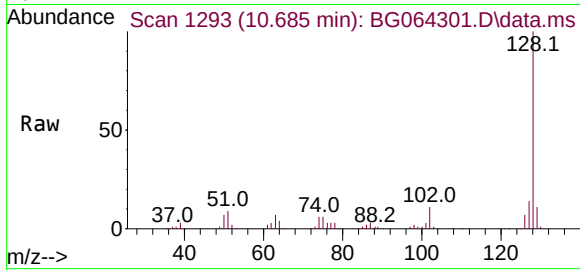
145 30.0 25.4 38.0



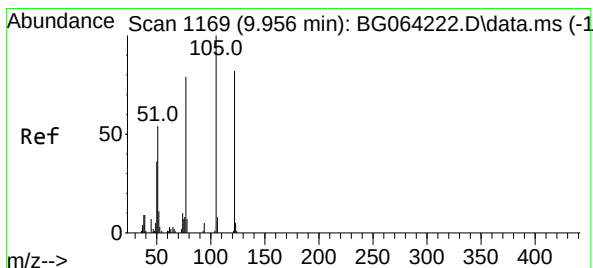
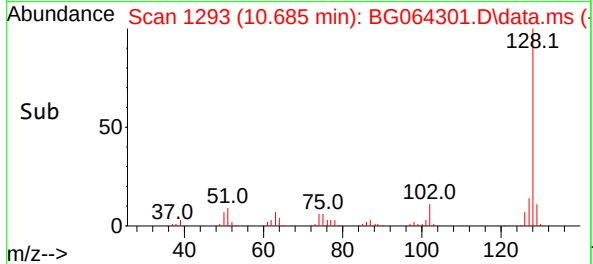
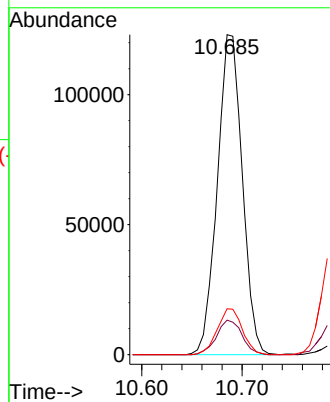


#31
Naphthalene
Concen: 41.820 ng
RT: 10.685 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

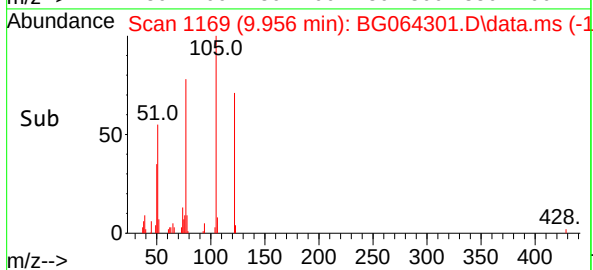
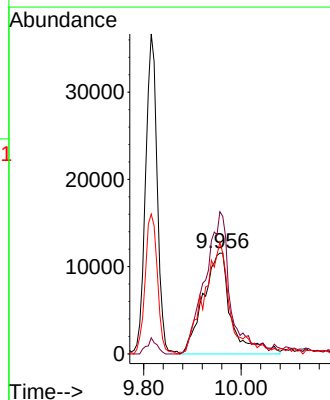
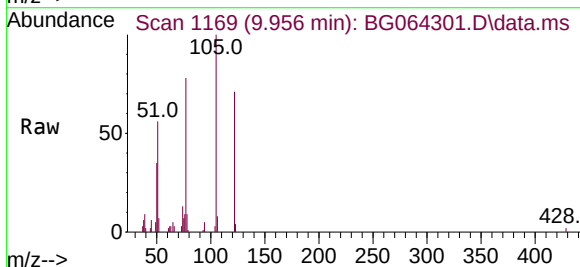


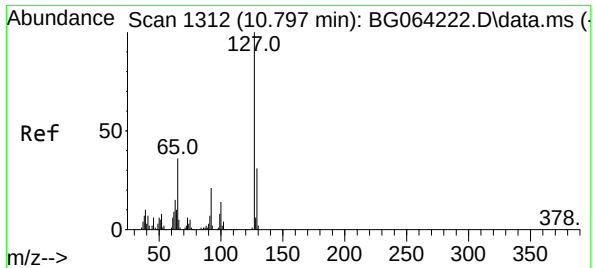
Tgt Ion:128 Resp: 213153
Ion Ratio Lower Upper
128 100
129 10.8 9.4 14.2
127 14.3 10.9 16.3



#32
Benzoic acid
Concen: 41.529 ng
RT: 9.956 min Scan# 1169
Delta R.T. -0.059 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

Tgt Ion:122 Resp: 46051
Ion Ratio Lower Upper
122 100
105 141.1 98.5 138.5#
77 110.7 74.6 114.6

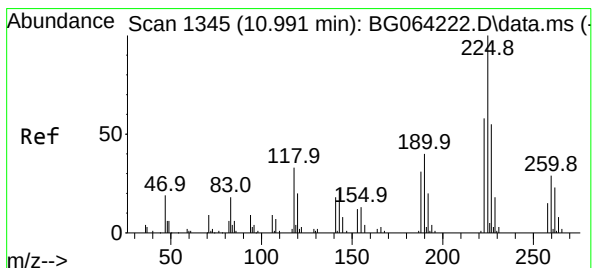
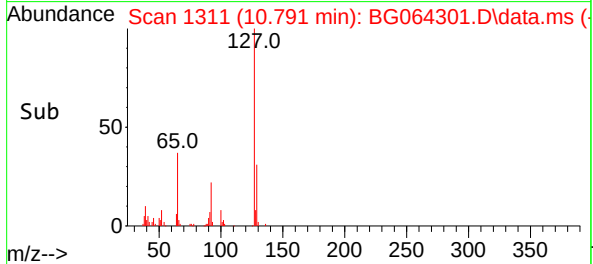
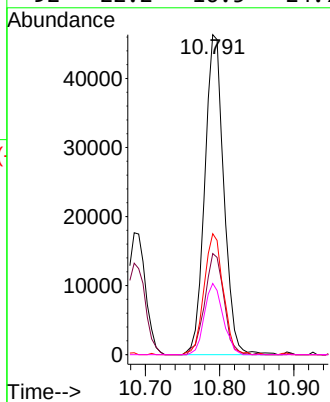
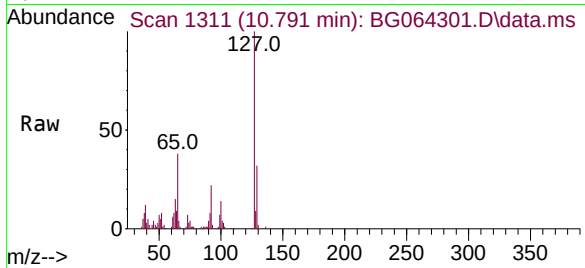




#33
4-Chloroaniline
Concen: 41.791 ng
RT: 10.791 min Scan# 1312
Delta R.T. -0.012 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

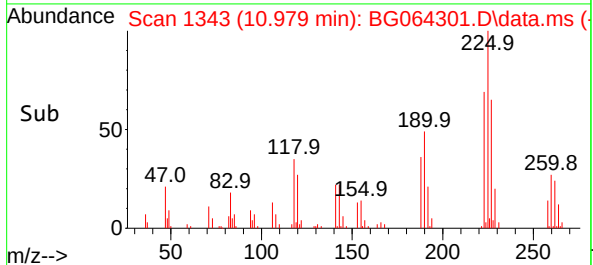
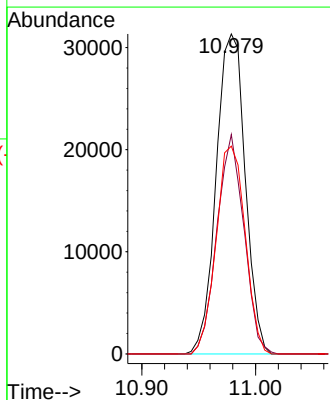
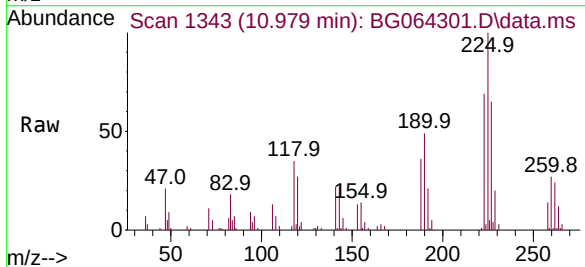
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

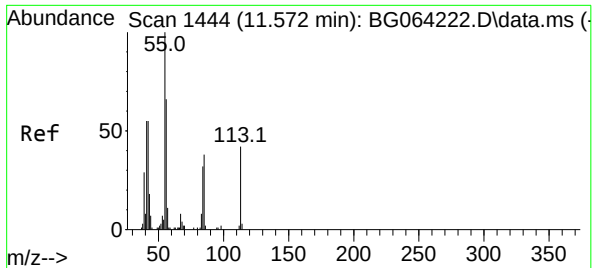
Tgt Ion:127	Resp:	82558
Ion Ratio	Lower	Upper
127	100	
129	31.6	25.0 37.4
65	37.8	28.7 43.1
92	22.2	16.5 24.7



#34
Hexachlorobutadiene
Concen: 48.306 ng
RT: 10.979 min Scan# 1343
Delta R.T. -0.012 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

Tgt Ion:225	Resp:	55494
Ion Ratio	Lower	Upper
225	100	
223	68.5	46.5 69.7
227	68.4	44.1 66.1#

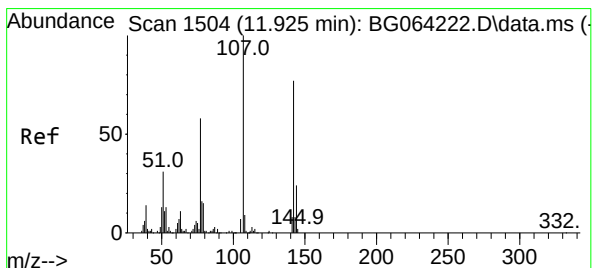
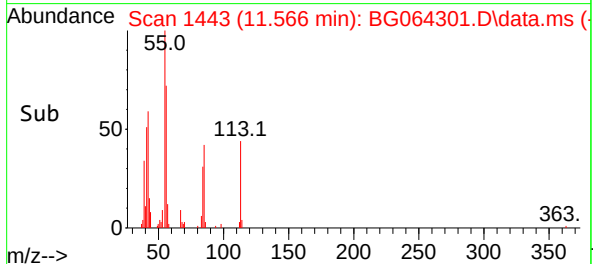
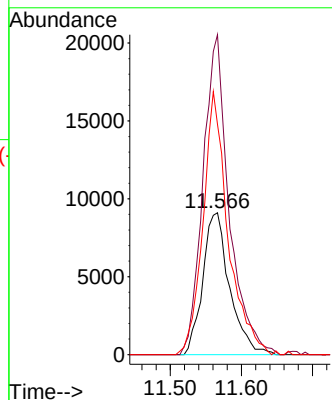
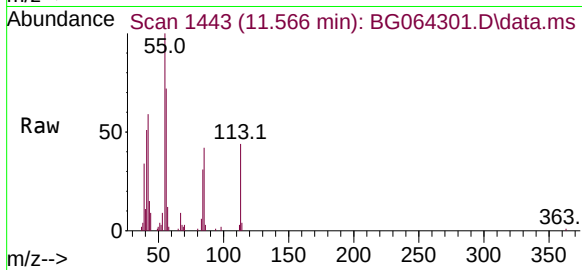




#35
Caprolactam
Concen: 41.778 ng
RT: 11.566 min Scan# 1443
Delta R.T. -0.036 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

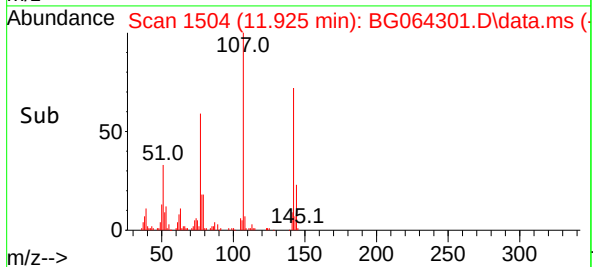
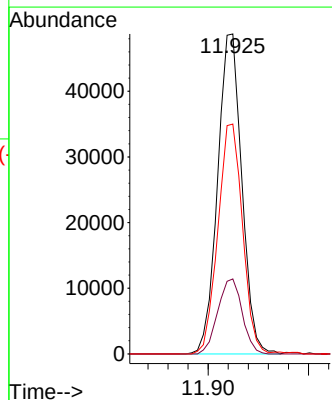
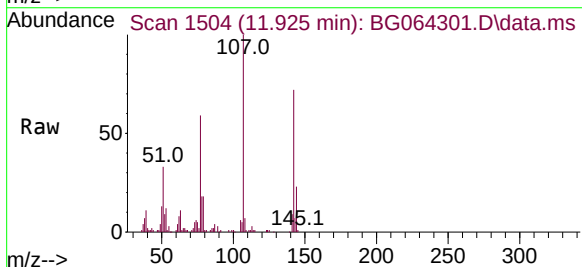
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

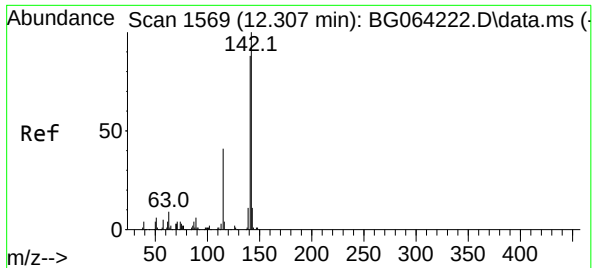
Tgt Ion	Ratio	Lower	Upper
113	100		
55	225.7	218.5	258.5
56	162.4	138.5	178.5



#36
4-Chloro-3-methylphenol
Concen: 42.774 ng
RT: 11.925 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.4	19.5	29.3
142	71.8	62.0	93.0

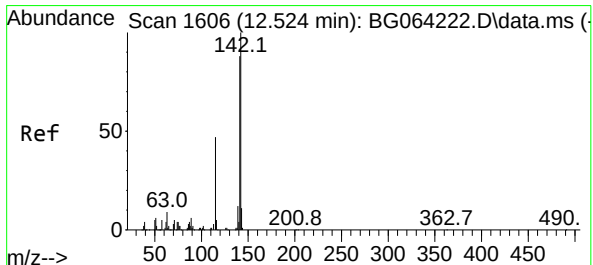
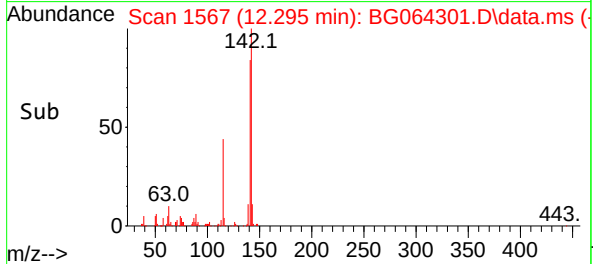
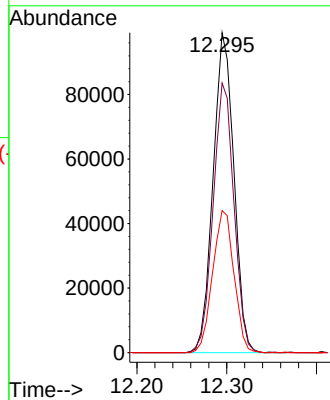
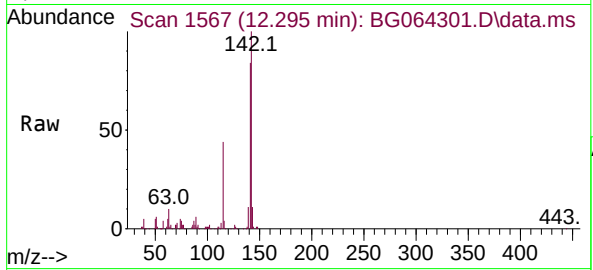




#37
2-Methylnaphthalene
Concen: 42.267 ng
RT: 12.295 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

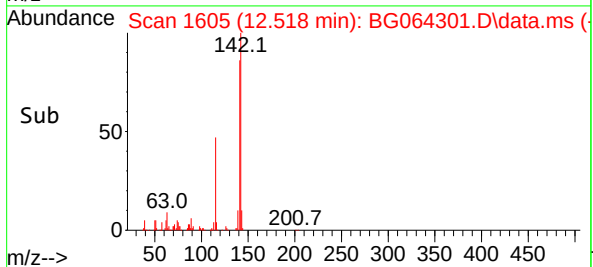
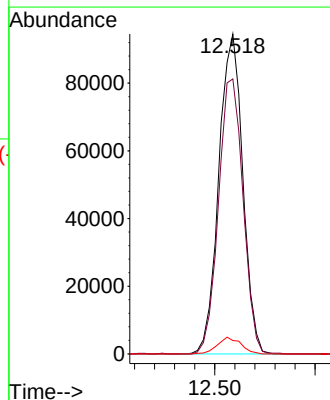
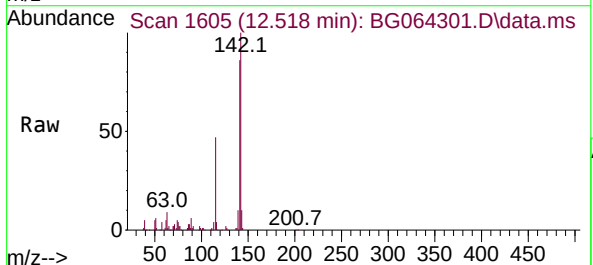
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

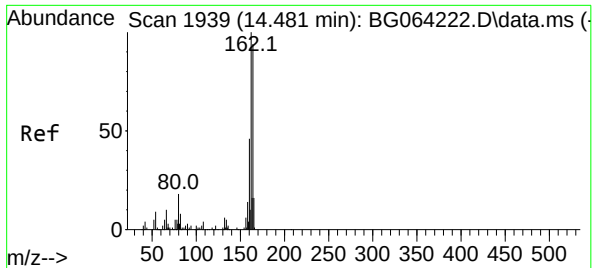
Tgt Ion:142 Resp: 160133
Ion Ratio Lower Upper
142 100
141 84.2 70.1 105.1
115 44.4 33.1 49.7



#38
1-Methylnaphthalene
Concen: 41.896 ng
RT: 12.518 min Scan# 1605
Delta R.T. -0.006 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

Tgt Ion:142 Resp: 156779
Ion Ratio Lower Upper
142 100
141 85.9 70.3 105.5
116 4.2 3.7 5.5

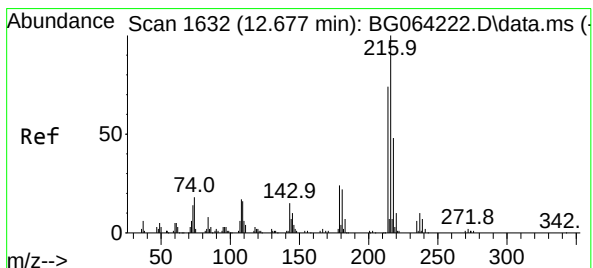
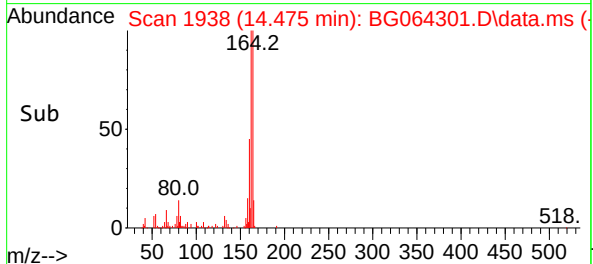
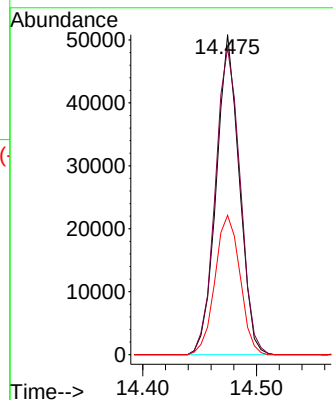
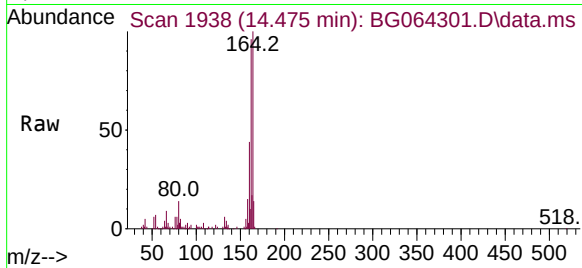




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.475 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

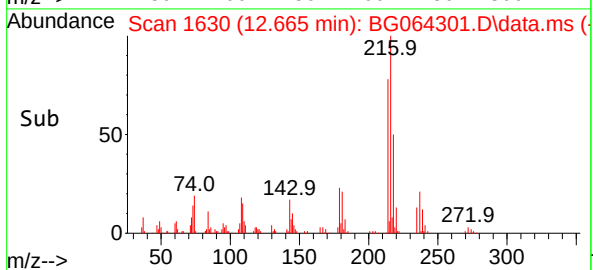
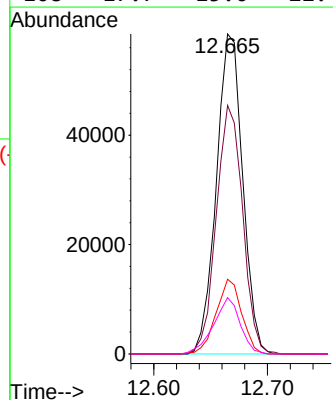
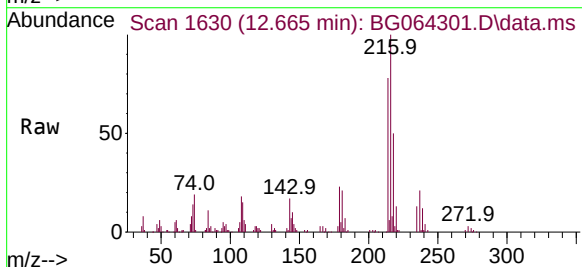
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

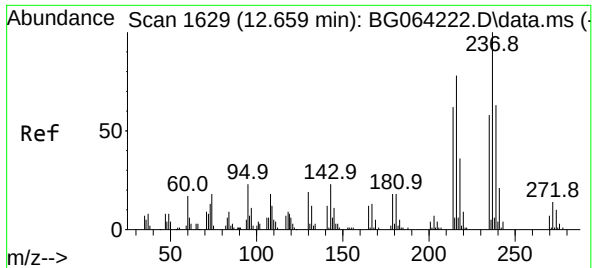
Tgt Ion	164	162	160
Resp:	71497		
Ion Ratio	100	95.9	43.5
Lower		85.4	39.2
Upper		128.0	58.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.543 ng
RT: 12.665 min Scan# 1630
Delta R.T. -0.012 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

Tgt Ion	216	214	179	108
Resp:	93951			
Ion Ratio	100	77.7	22.7	17.7
Lower		61.9	17.9	15.0
Upper		92.9	26.9	22.4

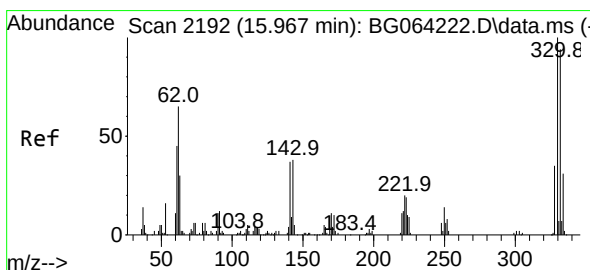
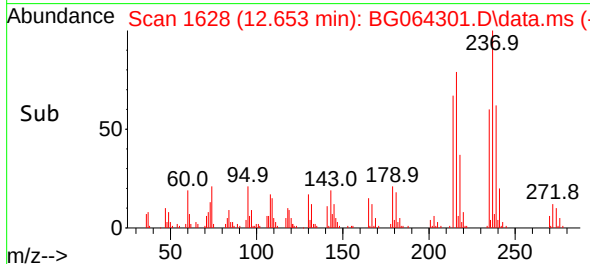
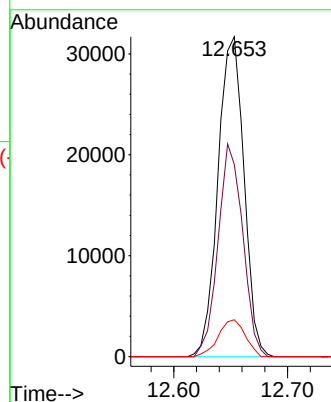
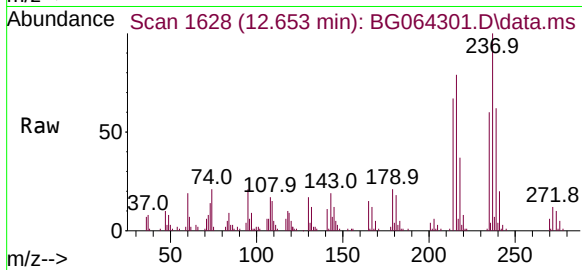




#41
Hexachlorocyclopentadiene
Concen: 51.338 ng
RT: 12.653 min Scan# 1628
Delta R.T. -0.006 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

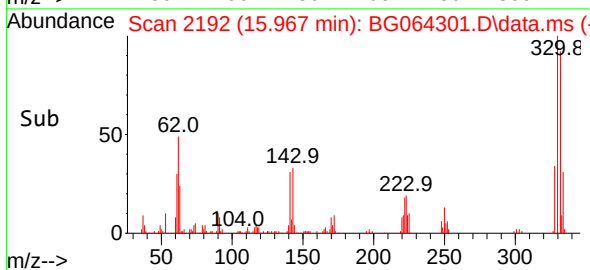
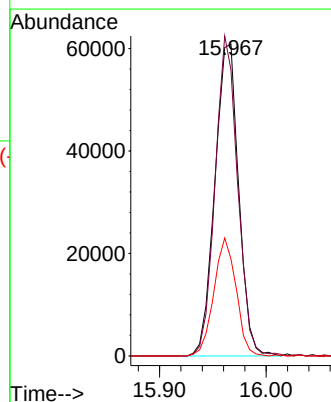
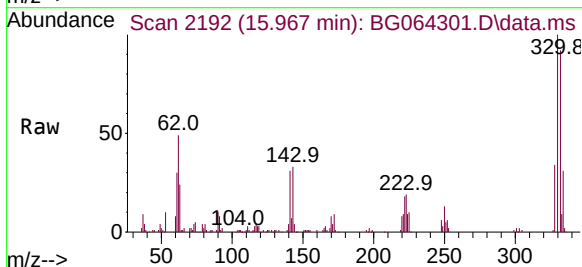
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

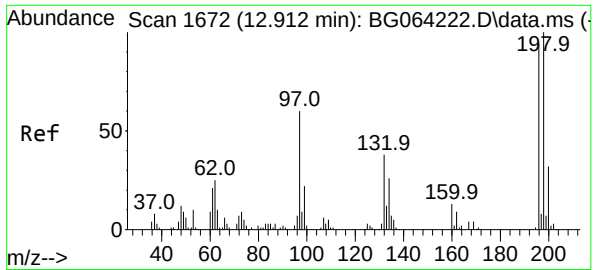
Tgt Ion:237 Resp: 50334
Ion Ratio Lower Upper
237 100
235 60.0 37.9 77.9
272 11.5 0.0 33.8



#42
2,4,6-Tribromophenol
Concen: 99.996 ng
RT: 15.967 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

Tgt Ion:330 Resp: 94697
Ion Ratio Lower Upper
330 100
332 96.9 77.6 116.4
141 35.2 29.8 44.6

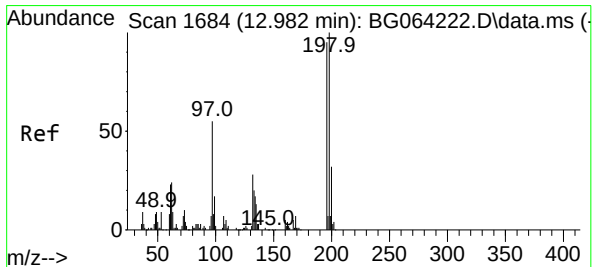
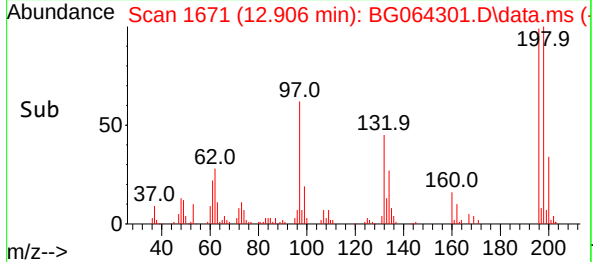
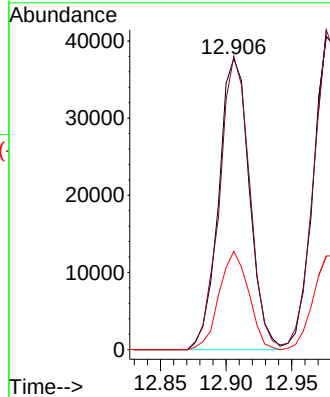
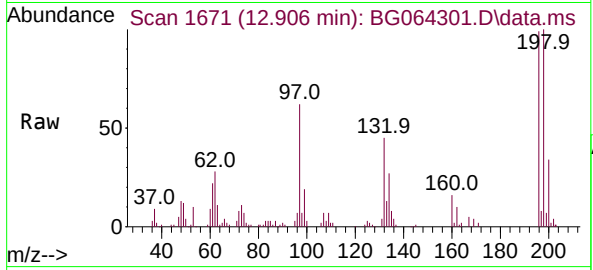




#43
2,4,6-Trichlorophenol
Concen: 44.535 ng
RT: 12.906 min Scan# 1671
Delta R.T. -0.006 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

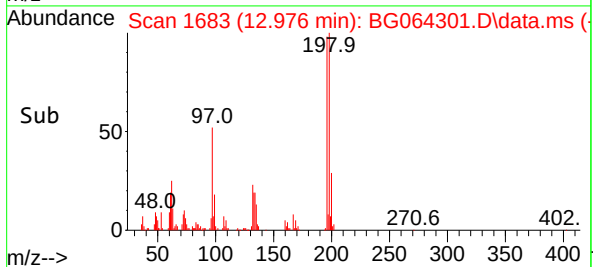
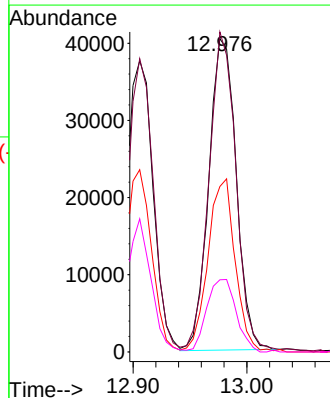
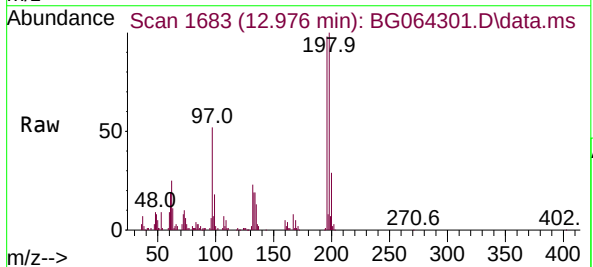
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

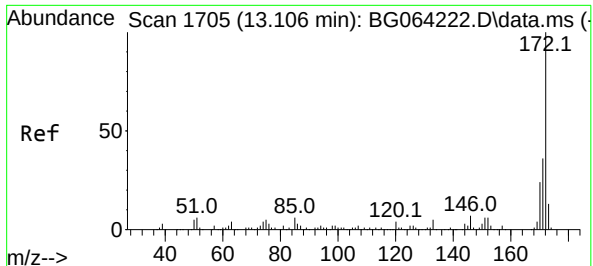
Tgt Ion:196 Resp: 61406
Ion Ratio Lower Upper
196 100
198 100.8 85.4 128.2
200 33.8 27.3 40.9



#44
2,4,5-Trichlorophenol
Concen: 45.324 ng
RT: 12.976 min Scan# 1683
Delta R.T. -0.012 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

Tgt Ion:196 Resp: 67791
Ion Ratio Lower Upper
196 100
198 102.1 84.5 126.7
97 52.7 46.8 70.2
132 23.0 23.4 35.2#

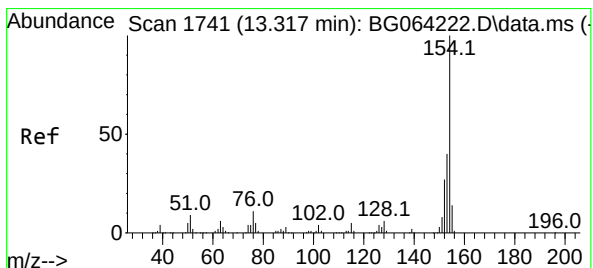
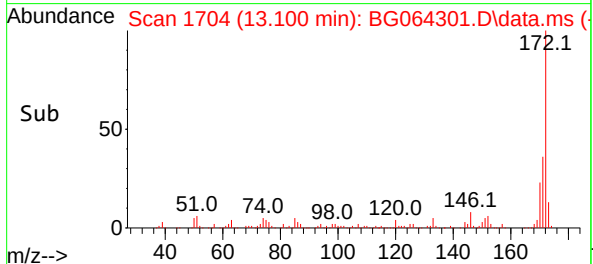
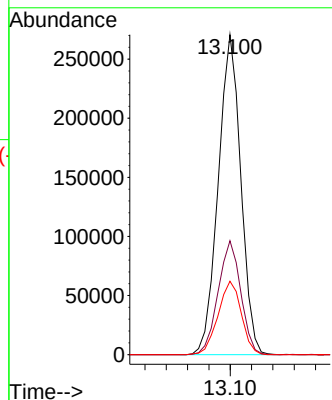
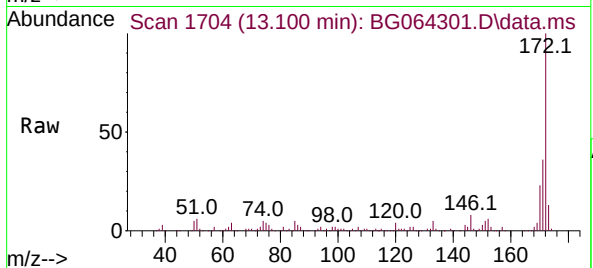




#45
2-Fluorobiphenyl
Concen: 85.070 ng
RT: 13.100 min Scan# 1704
Delta R.T. -0.012 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

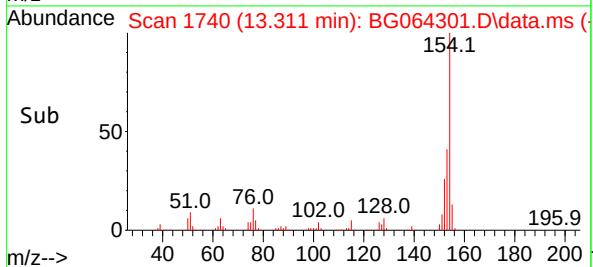
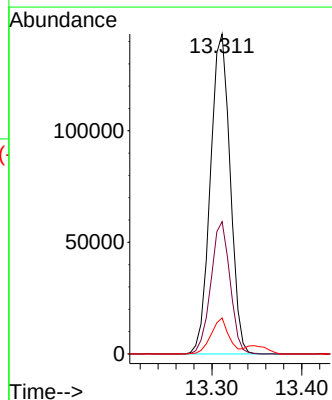
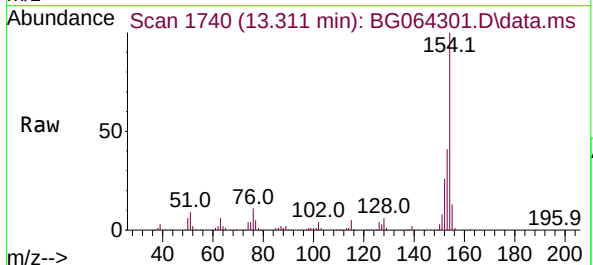
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

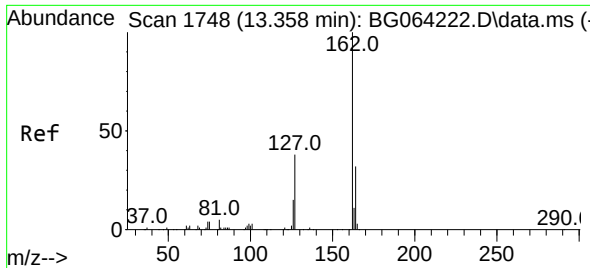
Tgt Ion:172 Resp: 398483
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 22.9 19.0 28.6



#46
1,1'-Biphenyl
Concen: 42.107 ng
RT: 13.311 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

Tgt Ion:154 Resp: 219271
Ion Ratio Lower Upper
154 100
153 41.3 19.9 59.9
76 11.2 0.0 30.9

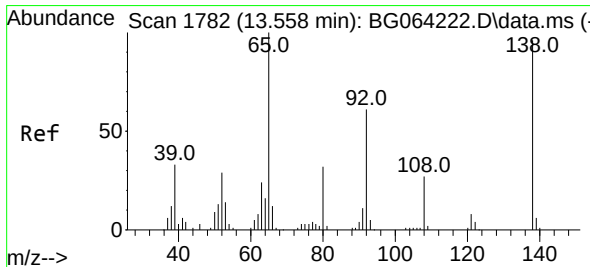
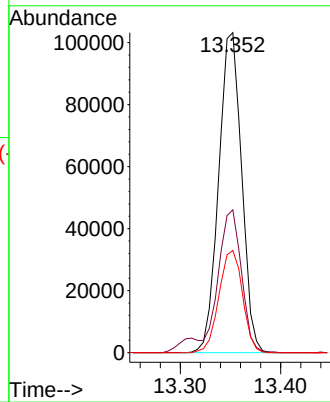
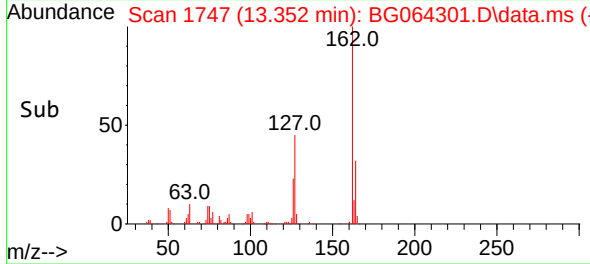
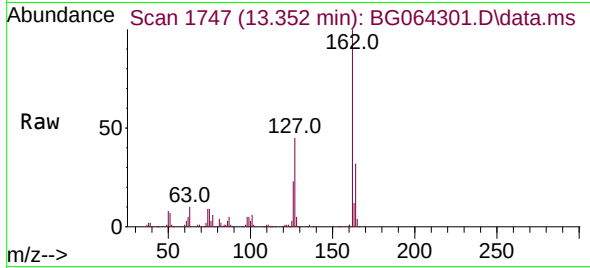




#47
2-Chloronaphthalene
Concen: 41.989 ng
RT: 13.352 min Scan# 1747
Delta R.T. -0.006 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

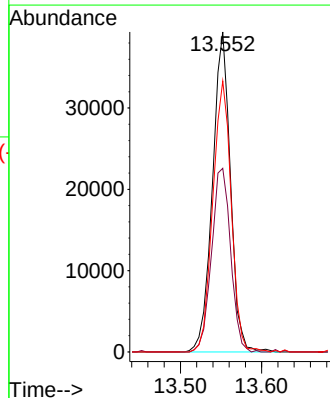
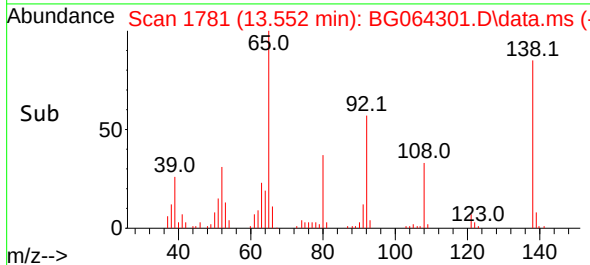
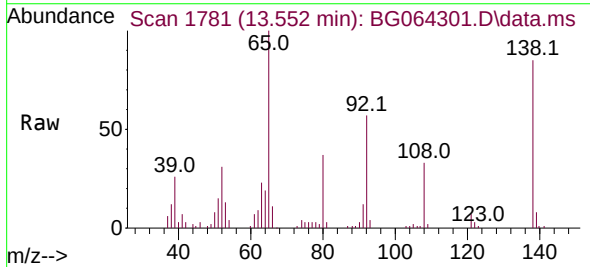
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

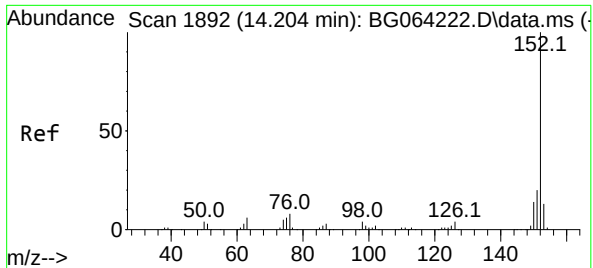
Tgt Ion:162 Resp: 164384
Ion Ratio Lower Upper
162 100
127 44.6 33.9 50.9
164 31.9 25.4 38.2



#48
2-Nitroaniline
Concen: 45.247 ng
RT: 13.552 min Scan# 1781
Delta R.T. -0.012 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

Tgt Ion: 65 Resp: 60376
Ion Ratio Lower Upper
65 100
92 57.4 49.2 73.8
138 84.7 76.8 115.2





#49

Acenaphthylene

Concen: 42.140 ng

RT: 14.198 min Scan# 1891

Delta R.T. -0.006 min

Lab File: BG064301.D

Acq: 8 Sep 2025 10:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

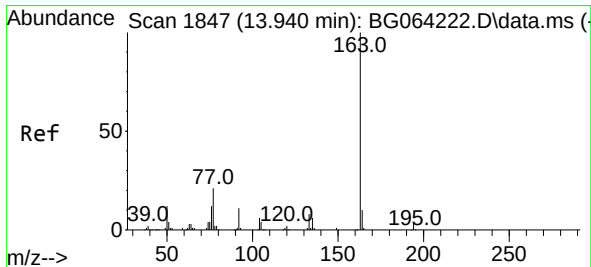
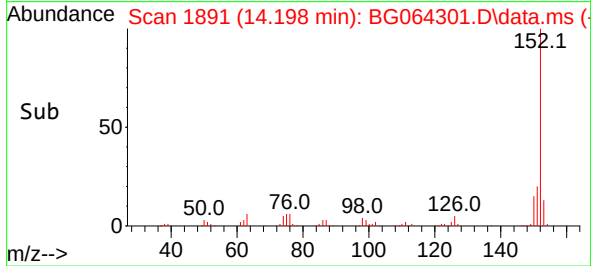
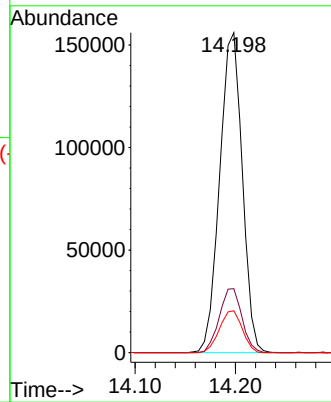
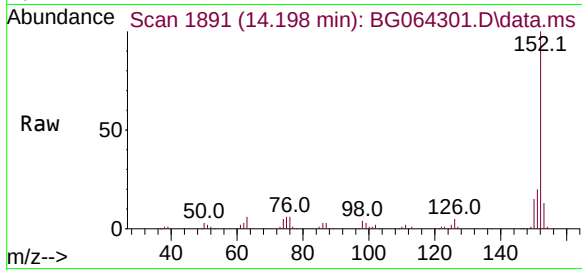
Tgt Ion:152 Resp: 243871

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.2

153 13.1 10.1 15.1



#50

Dimethylphthalate

Concen: 41.892 ng

RT: 13.934 min Scan# 1846

Delta R.T. -0.012 min

Lab File: BG064301.D

Acq: 8 Sep 2025 10:26

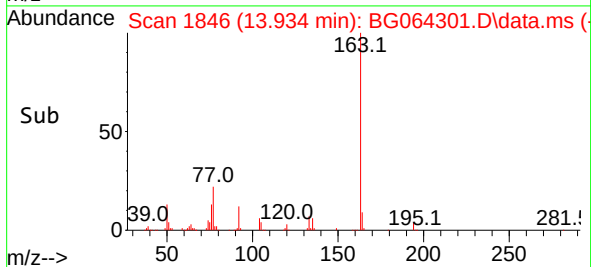
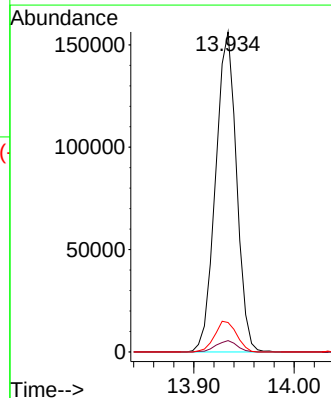
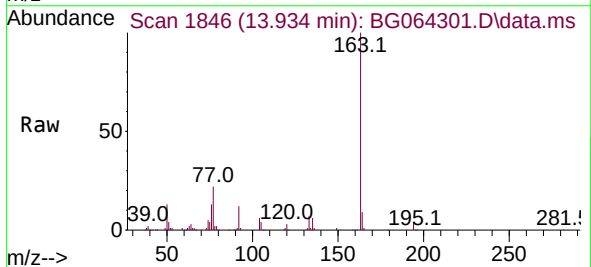
Tgt Ion:163 Resp: 226710

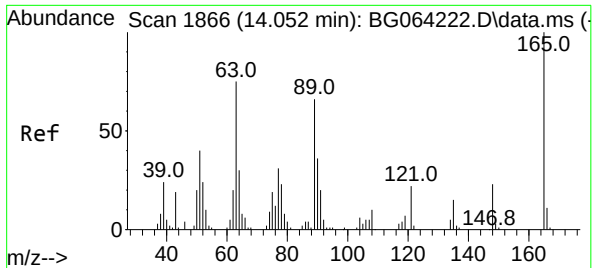
Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

164 9.2 7.9 11.9

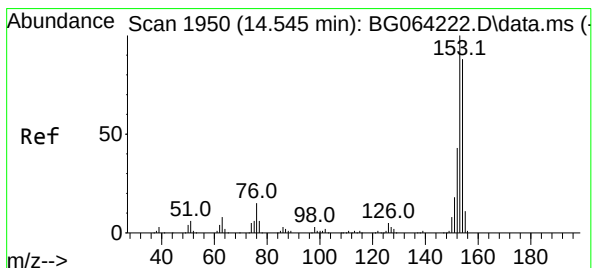
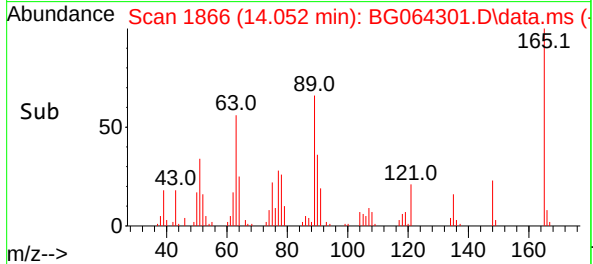
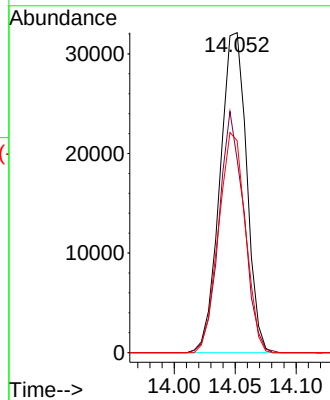
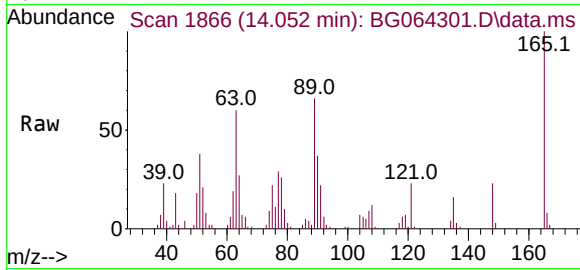




#51
2,6-Dinitrotoluene
Concen: 46.664 ng
RT: 14.052 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

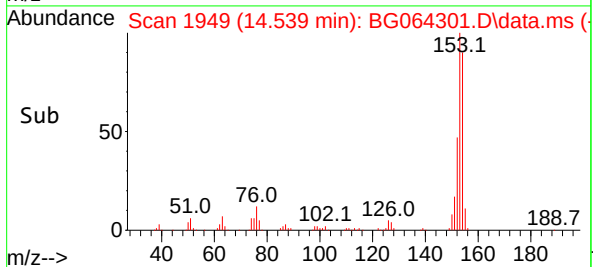
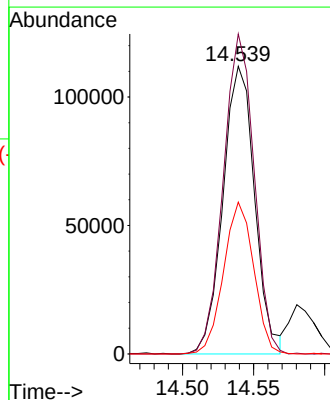
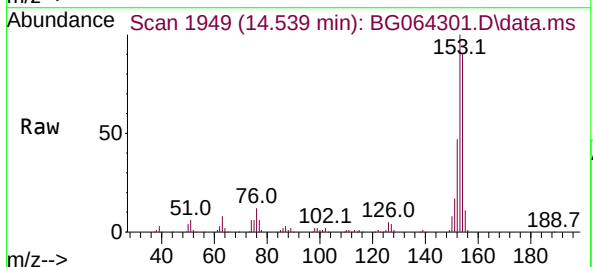
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

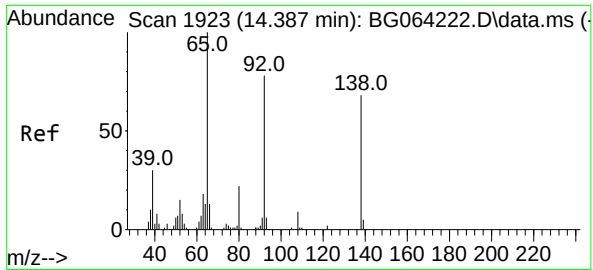
Tgt Ion:165 Resp: 48889
Ion Ratio Lower Upper
165 100
63 60.3 60.3 90.5#
89 66.2 52.9 79.3



#52
Acenaphthene
Concen: 42.647 ng
RT: 14.539 min Scan# 1949
Delta R.T. -0.012 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

Tgt Ion:154 Resp: 174171
Ion Ratio Lower Upper
154 100
153 111.2 91.1 136.7
152 52.7 39.6 59.4

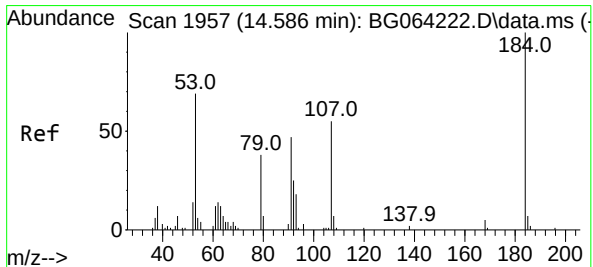
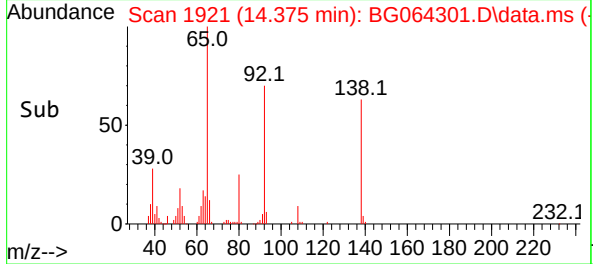
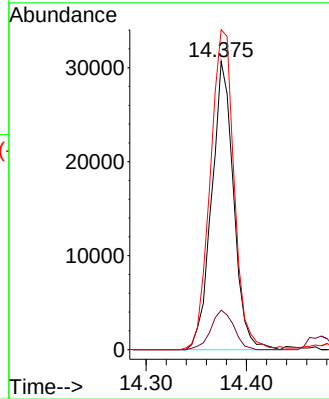
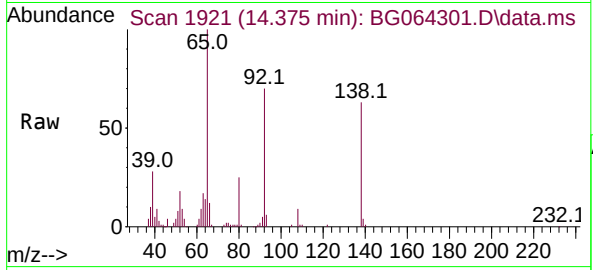




#53
3-Nitroaniline
Concen: 42.439 ng
RT: 14.375 min Scan# 1921
Delta R.T. -0.012 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

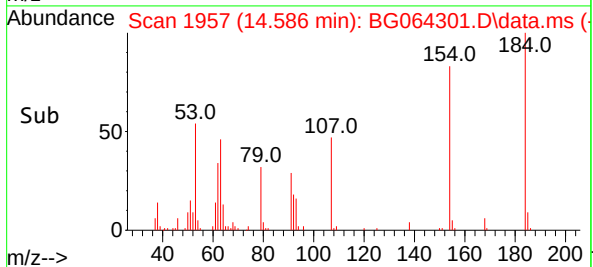
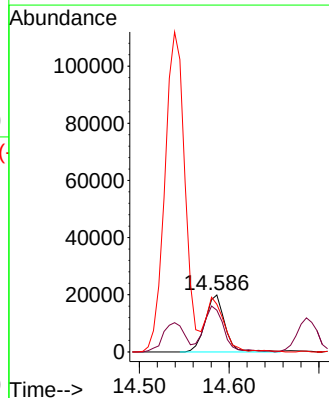
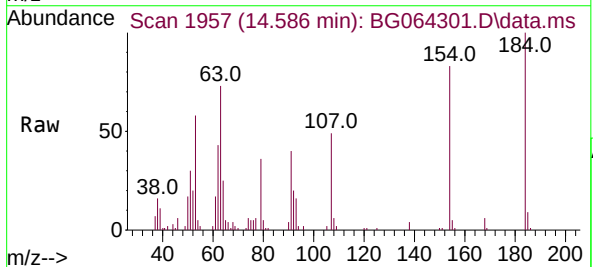
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

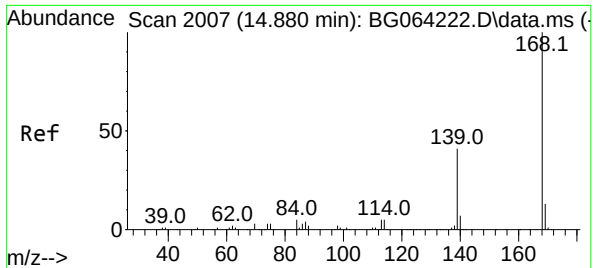
Tgt Ion:138 Resp: 46574
Ion Ratio Lower Upper
138 100
108 13.7 11.0 16.6
92 111.0 91.4 137.0



#54
2,4-Dinitrophenol
Concen: 46.433 ng
RT: 14.586 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

Tgt Ion:184 Resp: 30037
Ion Ratio Lower Upper
184 100
63 73.2 60.1 90.1
154 83.5 59.8 89.8

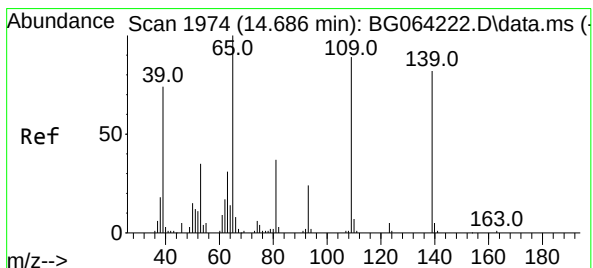
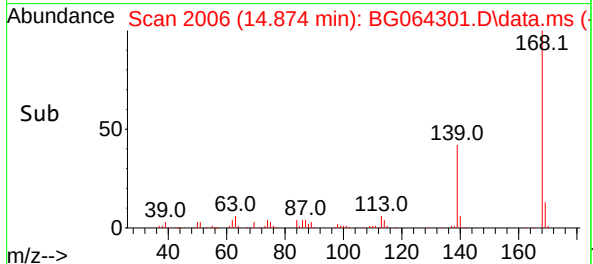
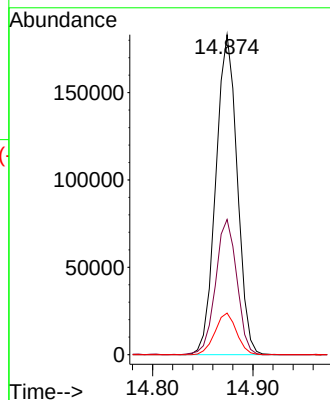
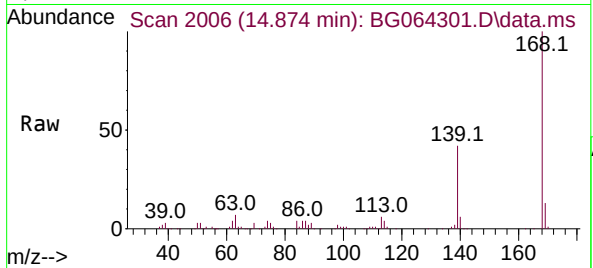




#55
Dibenzofuran
Concen: 42.208 ng
RT: 14.874 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

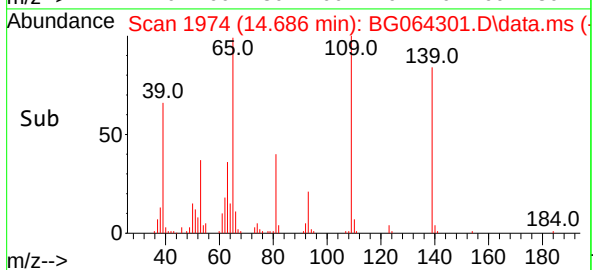
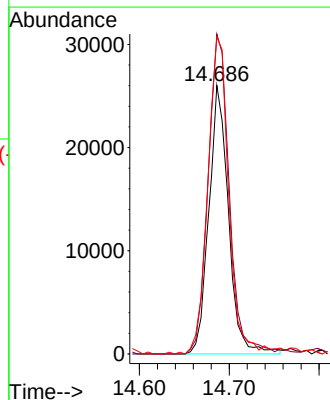
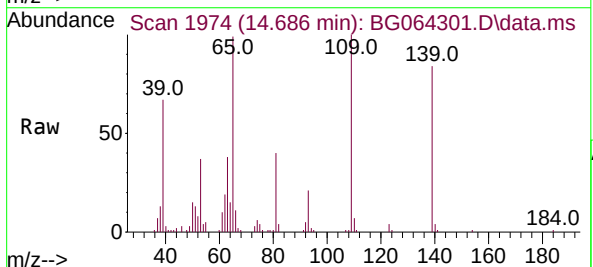
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

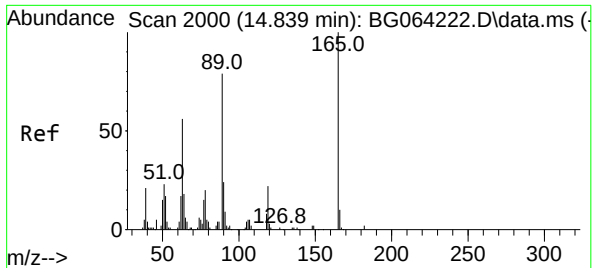
Tgt Ion:168 Resp: 271141
Ion Ratio Lower Upper
168 100
139 42.2 33.2 49.8
169 13.0 10.4 15.6



#56
4-Nitrophenol
Concen: 43.966 ng
RT: 14.686 min Scan# 1974
Delta R.T. -0.012 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

Tgt Ion:139 Resp: 39579
Ion Ratio Lower Upper
139 100
109 119.2 89.1 129.1
65 118.2 102.9 142.9

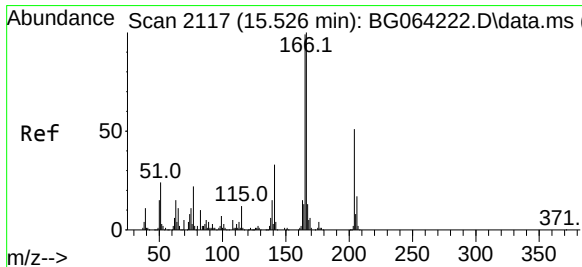
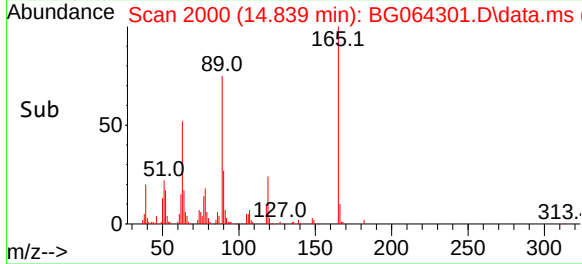
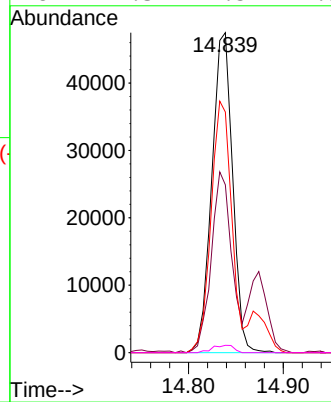
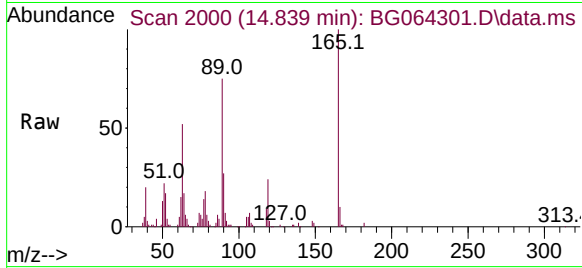




#57
2,4-Dinitrotoluene
Concen: 45.613 ng
RT: 14.839 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

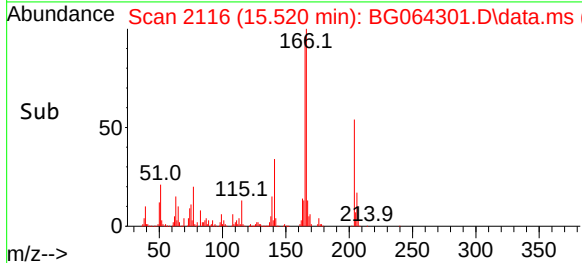
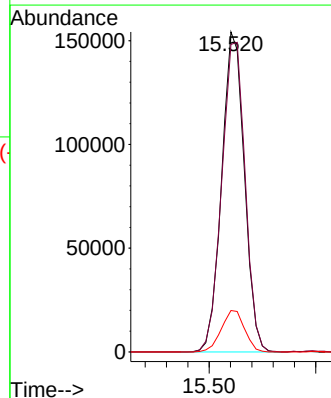
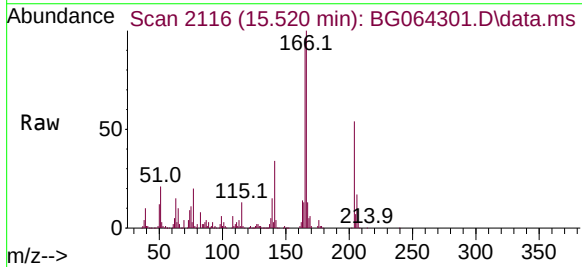
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

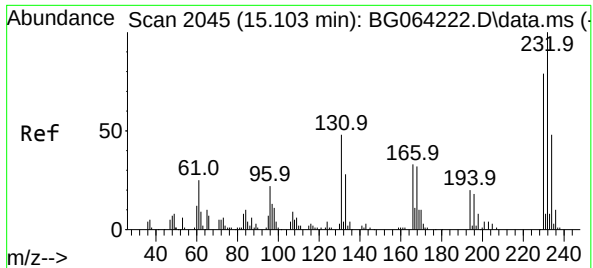
Tgt Ion:165 Resp: 72255
Ion Ratio Lower Upper
165 100
63 52.4 44.6 67.0
89 75.2 63.0 94.4
182 2.3 1.5 2.3#



#58
Fluorene
Concen: 43.302 ng
RT: 15.520 min Scan# 2116
Delta R.T. -0.012 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

Tgt Ion:166 Resp: 227991
Ion Ratio Lower Upper
166 100
165 96.1 79.1 118.7
167 12.9 10.2 15.4

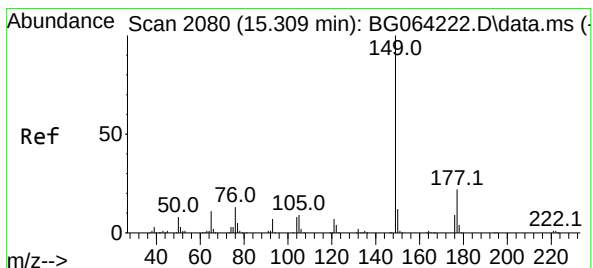
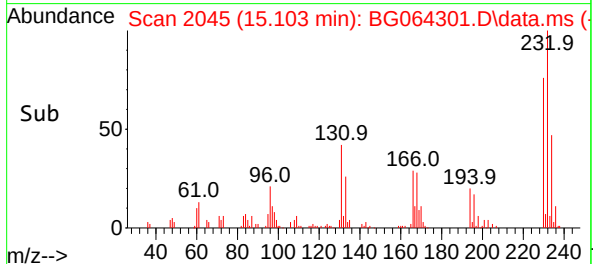
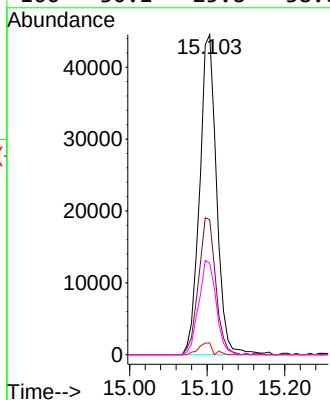
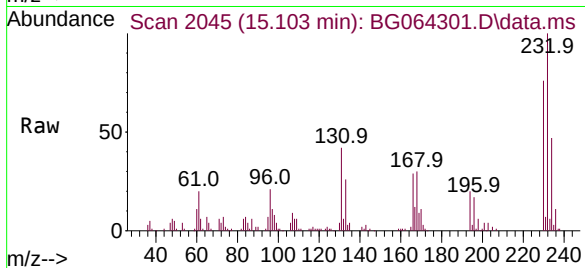




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.862 ng
RT: 15.103 min Scan# 2045
Delta R.T. -0.006 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

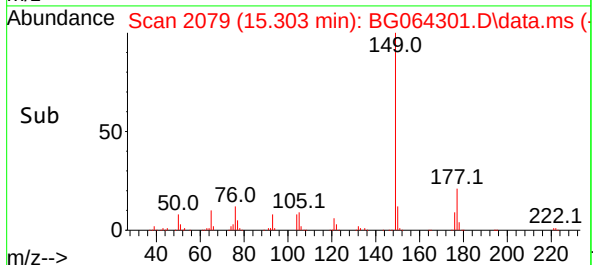
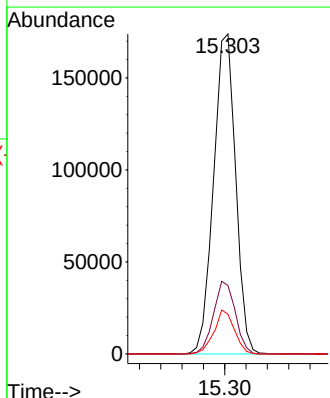
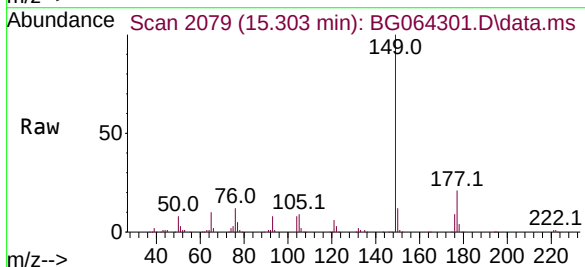
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

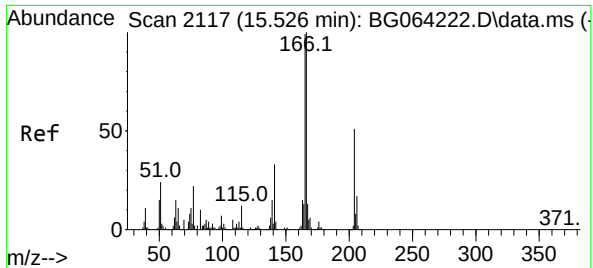
Tgt Ion:232 Resp: 67415
Ion Ratio Lower Upper
232 100
131 43.3 37.1 55.7
130 3.1 2.6 3.8
166 30.1 25.8 38.6



#60
Diethylphthalate
Concen: 43.245 ng
RT: 15.303 min Scan# 2079
Delta R.T. -0.012 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

Tgt Ion:149 Resp: 250465
Ion Ratio Lower Upper
149 100
177 21.4 17.5 26.3
150 12.4 9.9 14.9

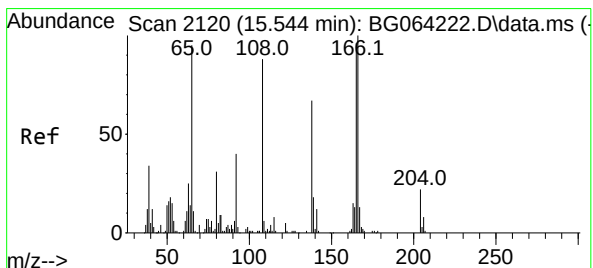
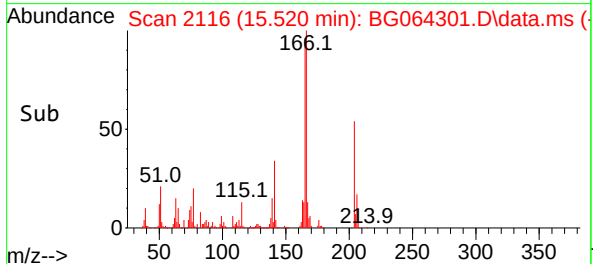
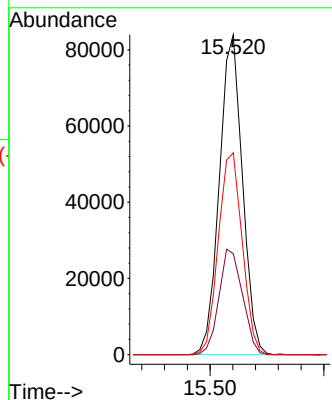
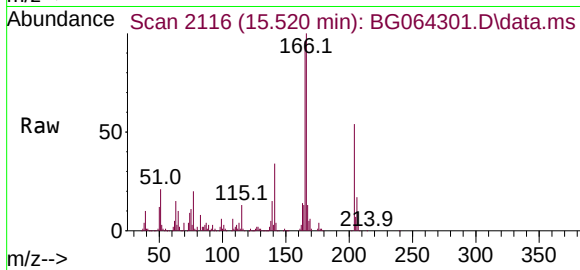




#61
4-Chlorophenyl-phenylether
Concen: 45.014 ng
RT: 15.520 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

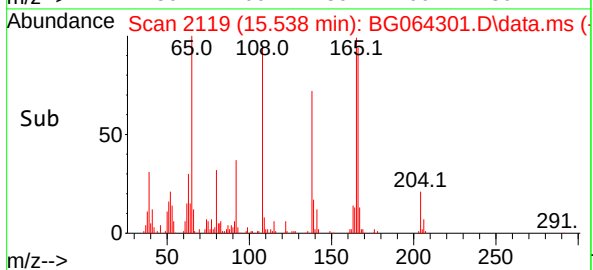
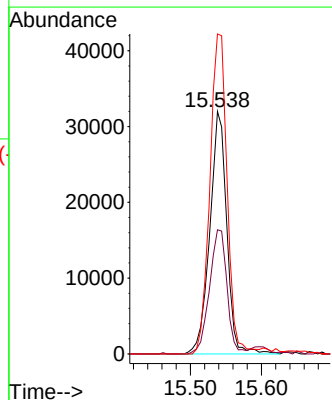
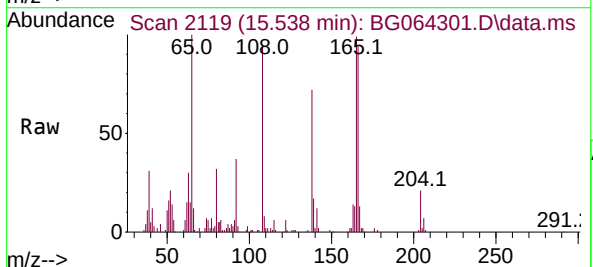
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

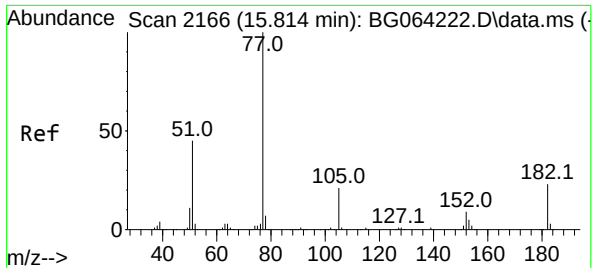
Tgt Ion:204 Resp: 118167
Ion Ratio Lower Upper
204 100
206 31.5 26.2 39.4
141 63.1 51.9 77.9



#62
4-Nitroaniline
Concen: 47.296 ng
RT: 15.538 min Scan# 2119
Delta R.T. -0.018 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

Tgt Ion:138 Resp: 52964
Ion Ratio Lower Upper
138 100
92 51.2 39.1 79.1
108 132.0 111.3 151.3

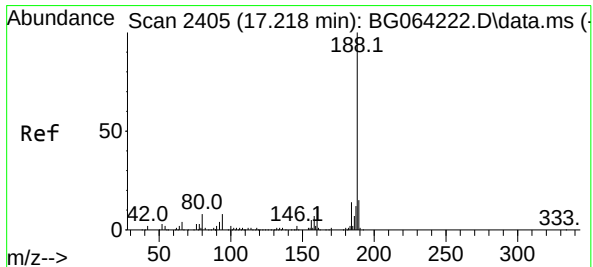
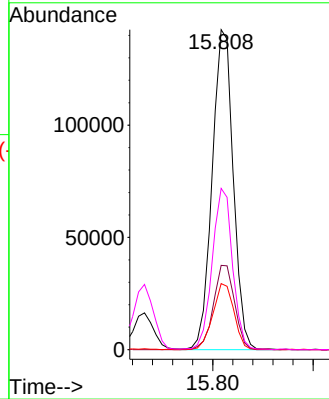
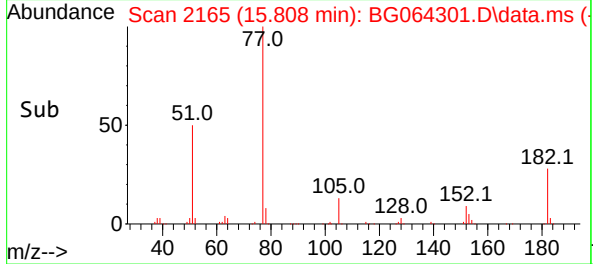
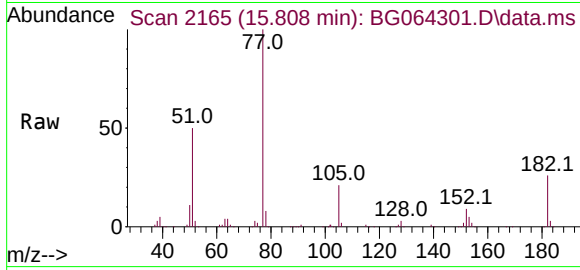




#63
Azobenzene
Concen: 40.310 ng
RT: 15.808 min Scan# 2165
Delta R.T. -0.012 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

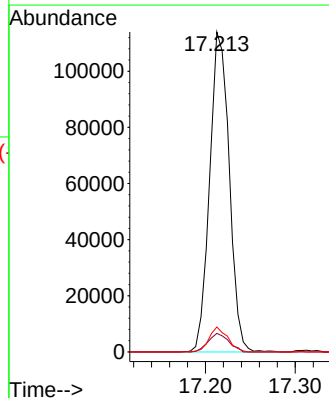
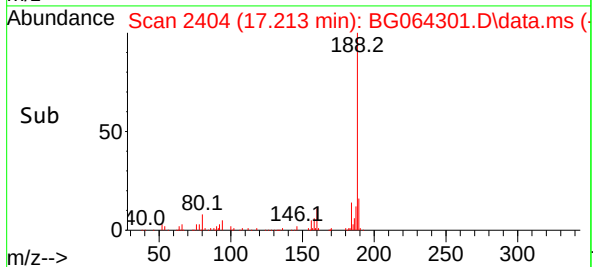
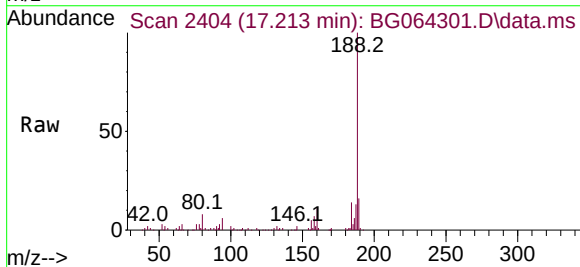
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

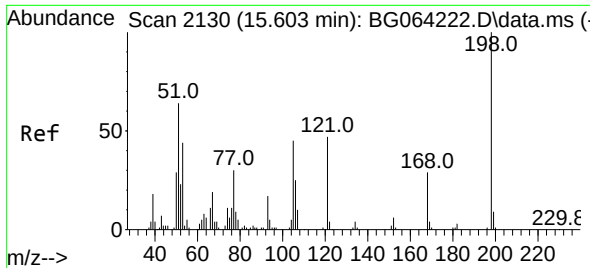
Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.3	3.3	43.3
105	20.6	0.6	40.6
51	50.4	25.3	65.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2404
Delta R.T. -0.012 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.8	6.2	9.4#
80	7.8	6.8	10.2

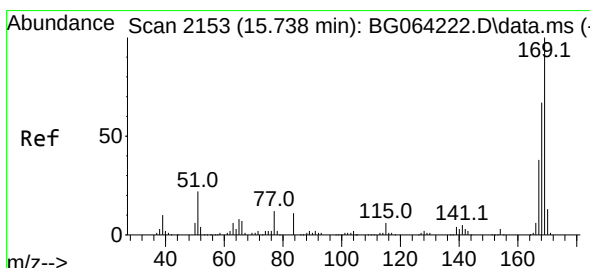
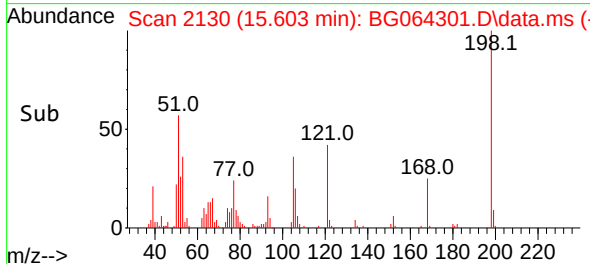
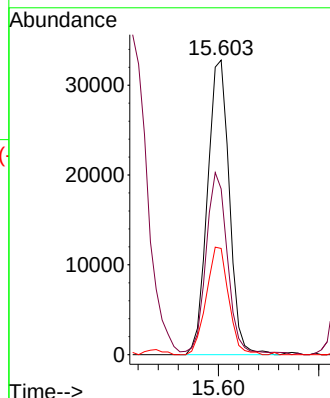
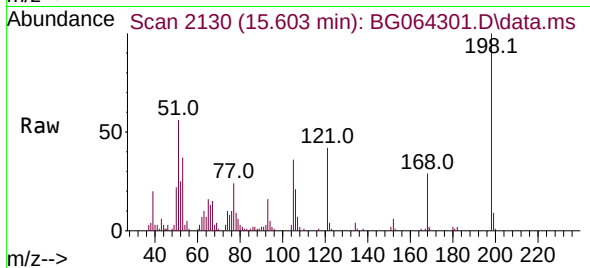




#65
4,6-Dinitro-2-methylphenol
Concen: 49.798 ng
RT: 15.603 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

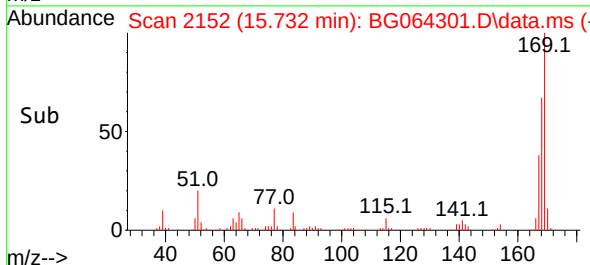
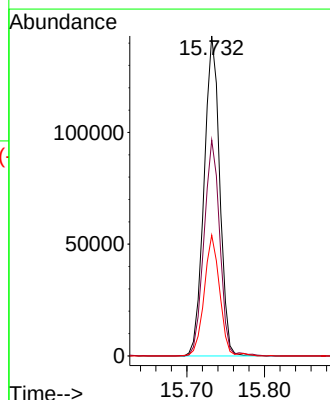
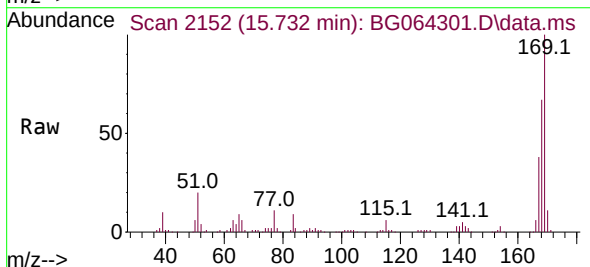
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

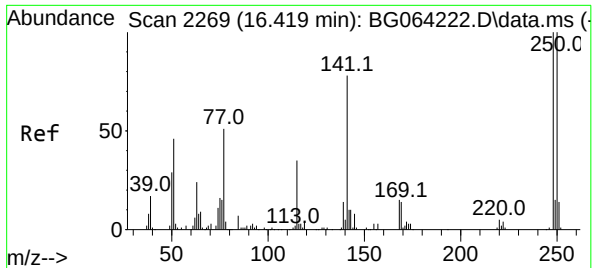
Tgt Ion:198 Resp: 49405
Ion Ratio Lower Upper
198 100
51 56.3 46.2 86.2
105 36.0 25.0 65.0



#66
n-Nitrosodiphenylamine
Concen: 42.109 ng
RT: 15.732 min Scan# 2152
Delta R.T. -0.012 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

Tgt Ion:169 Resp: 200170
Ion Ratio Lower Upper
169 100
168 67.5 53.8 80.8
167 37.8 30.2 45.2

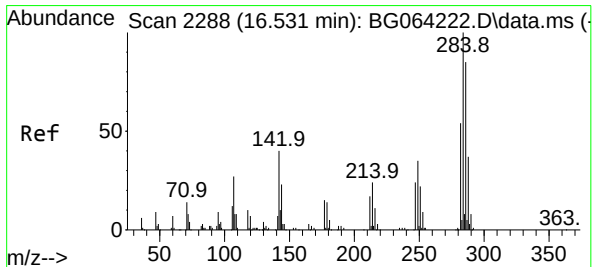
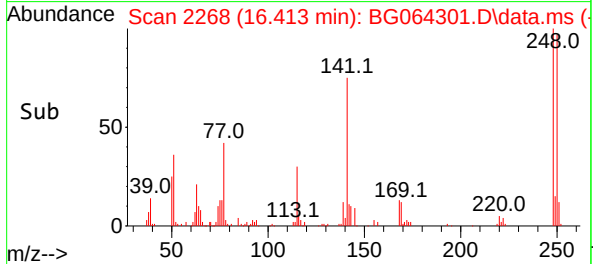
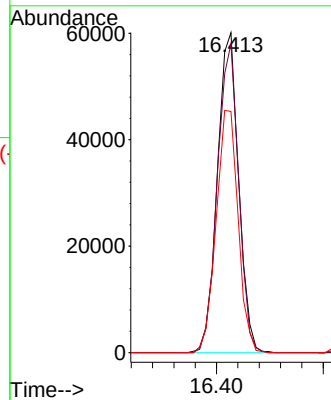
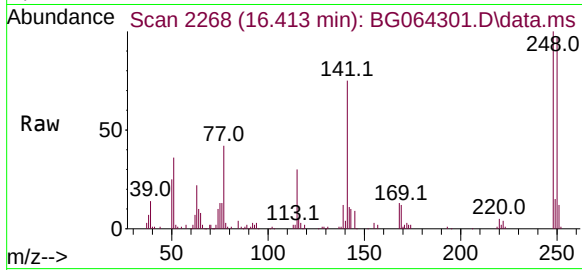




#67
4-Bromophenyl-phenylether
Concen: 45.334 ng
RT: 16.413 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

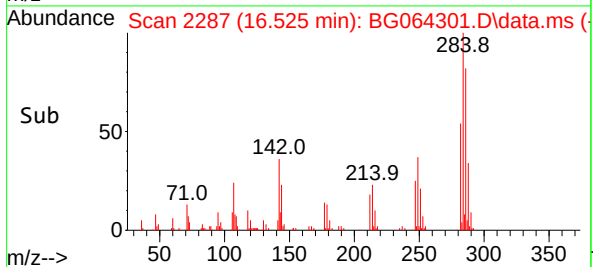
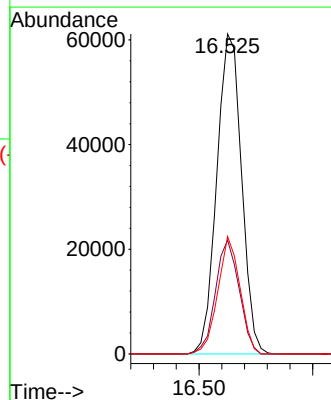
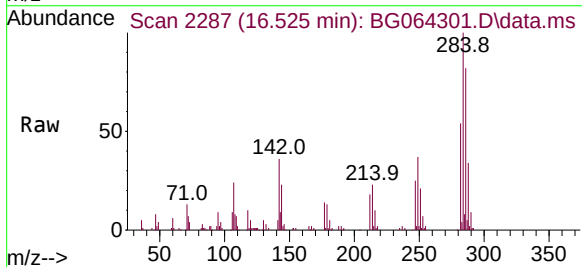
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

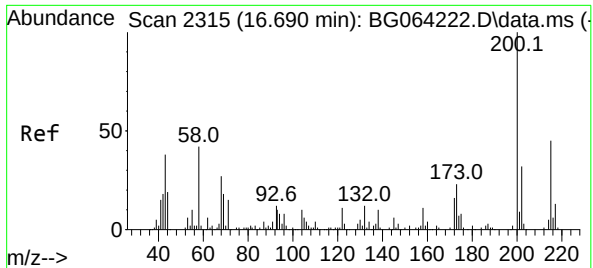
Tgt Ion:248 Resp: 83205
Ion Ratio Lower Upper
248 100
250 96.5 80.2 120.4
141 75.4 62.4 93.6



#68
Hexachlorobenzene
Concen: 45.240 ng
RT: 16.525 min Scan# 2287
Delta R.T. -0.012 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

Tgt Ion:284 Resp: 92205
Ion Ratio Lower Upper
284 100
142 35.6 32.1 48.1
249 36.7 28.3 42.5

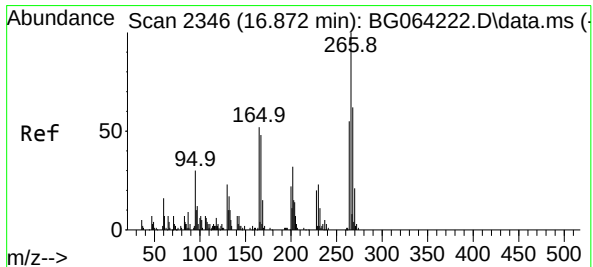
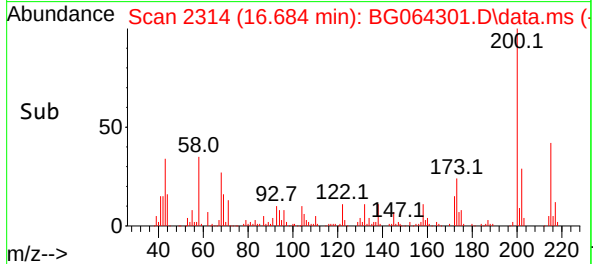
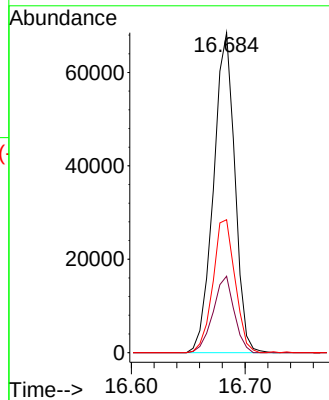
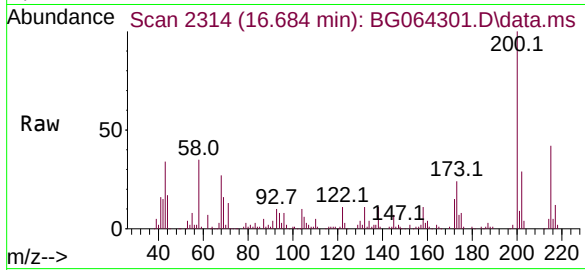




#69
Atrazine
Concen: 44.868 ng
RT: 16.684 min Scan# 2315
Delta R.T. -0.012 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

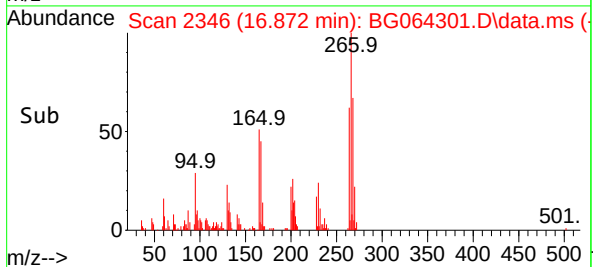
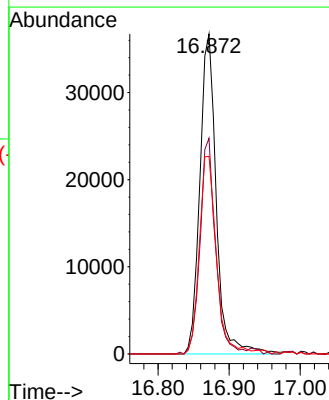
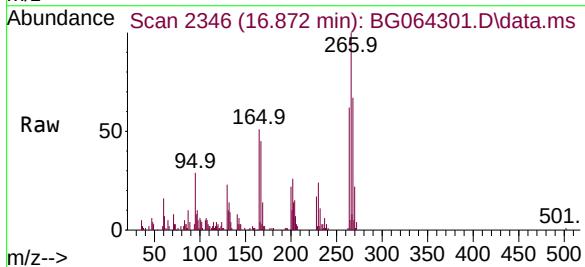
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

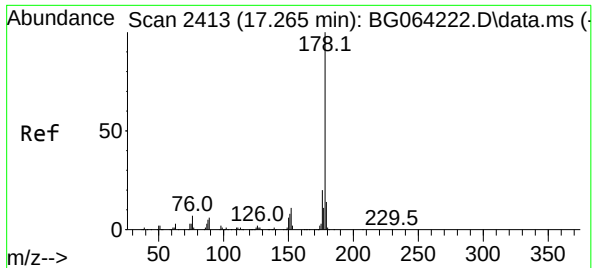
Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.9	3.5	43.5
215	41.5	24.8	64.8



#70
Pentachlorophenol
Concen: 47.596 ng
RT: 16.872 min Scan# 2346
Delta R.T. -0.006 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.4	49.4	74.0
264	61.8	44.3	66.5

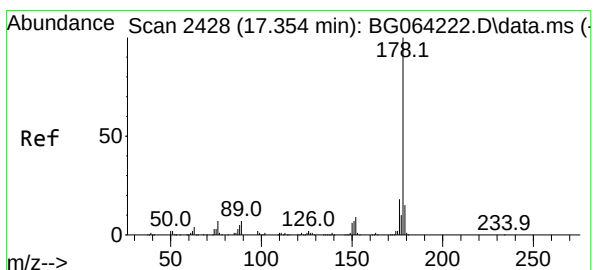
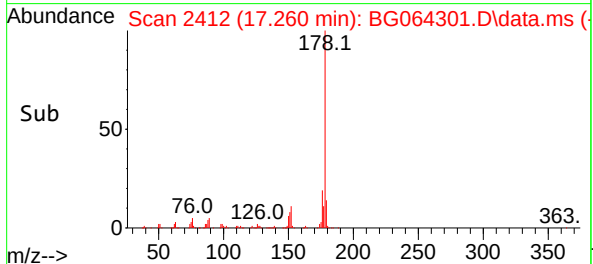
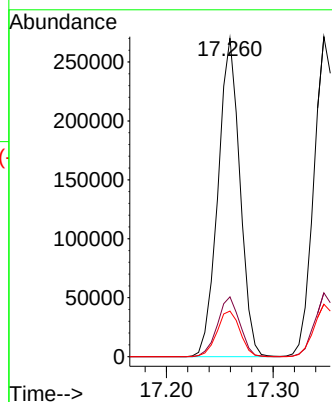
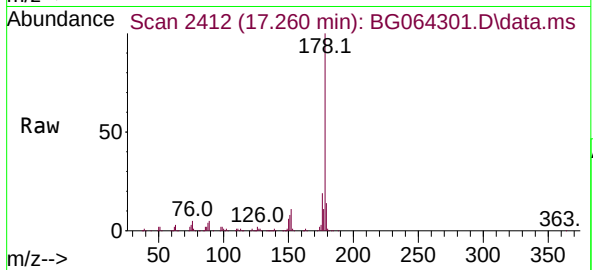




#71
Phenanthrene
Concen: 42.334 ng
RT: 17.260 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

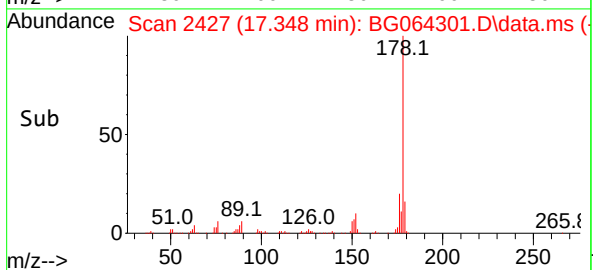
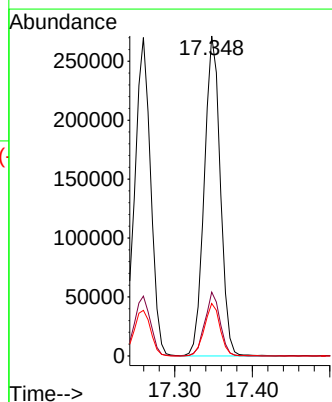
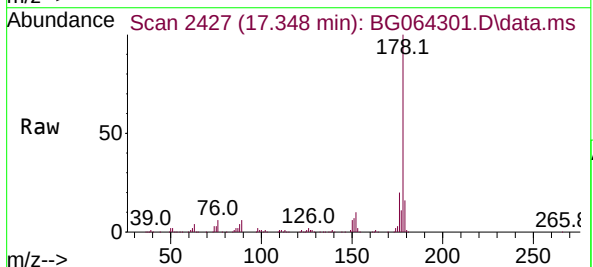
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

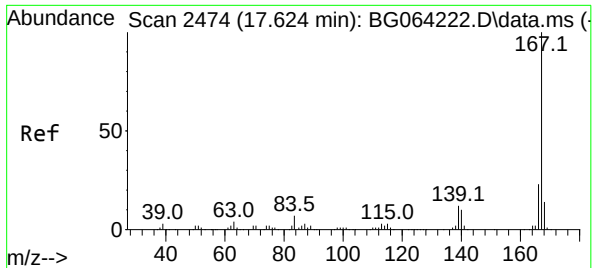
Tgt Ion:178 Resp: 385836
Ion Ratio Lower Upper
178 100
176 18.8 15.9 23.9
179 14.3 11.4 17.2



#72
Anthracene
Concen: 41.962 ng
RT: 17.348 min Scan# 2427
Delta R.T. -0.012 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

Tgt Ion:178 Resp: 389030
Ion Ratio Lower Upper
178 100
176 19.9 14.7 22.1
179 16.4 12.1 18.1

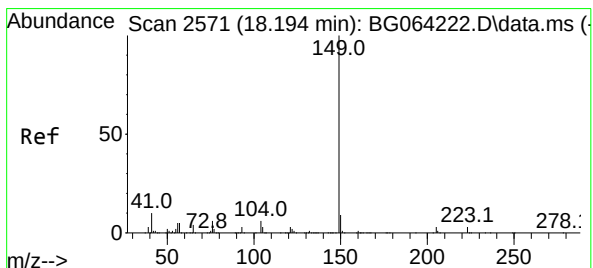
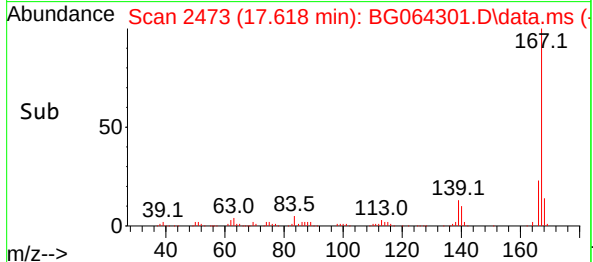
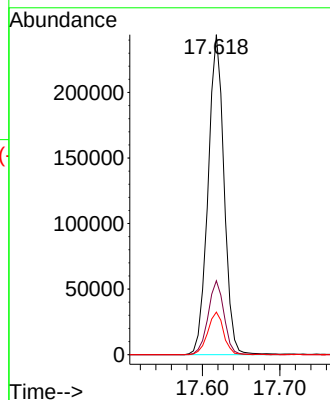
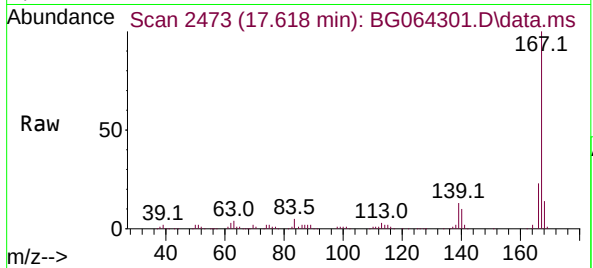




#73
Carbazole
Concen: 42.636 ng
RT: 17.618 min Scan# 2473
Delta R.T. -0.006 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

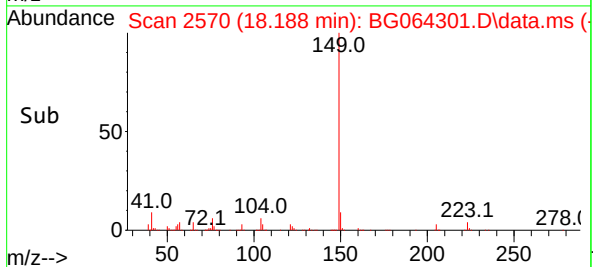
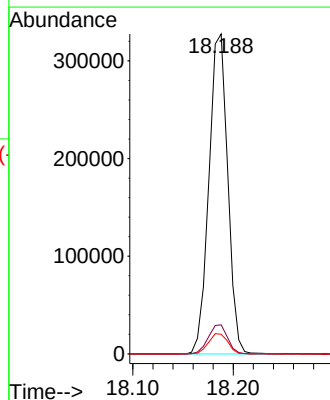
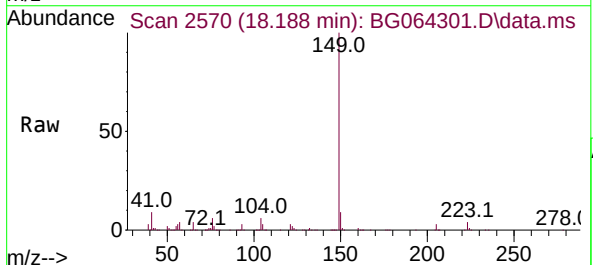
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

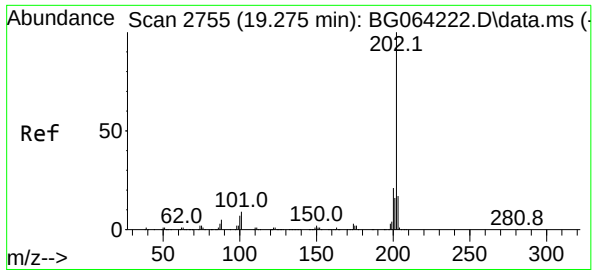
Tgt Ion:167 Resp: 348219
Ion Ratio Lower Upper
167 100
166 23.1 18.2 27.2
139 13.3 9.8 14.6



#74
Di-n-butylphthalate
Concen: 43.448 ng
RT: 18.188 min Scan# 2570
Delta R.T. -0.006 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

Tgt Ion:149 Resp: 426320
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 6.1 4.6 7.0

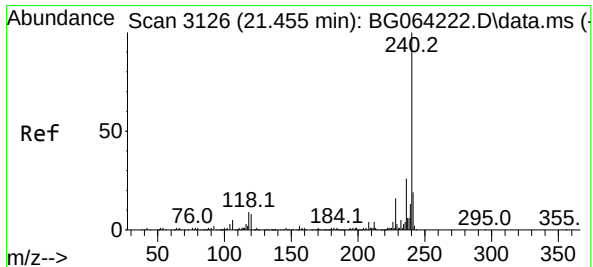
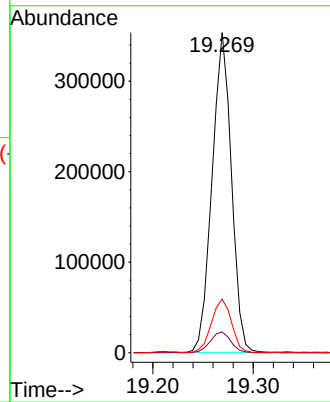
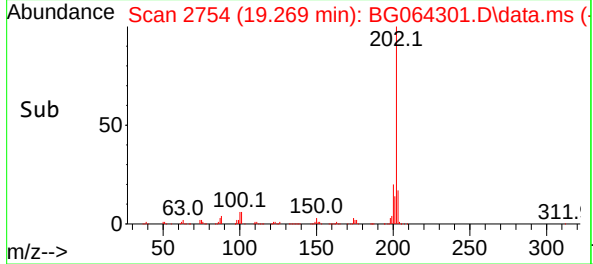
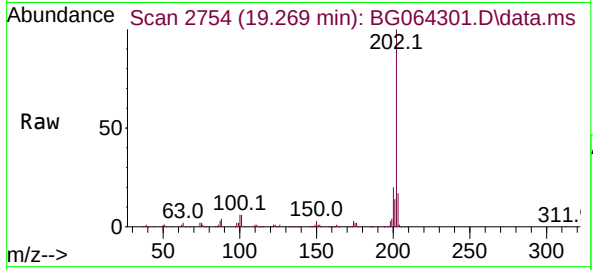




#75
Fluoranthene
Concen: 44.115 ng
RT: 19.269 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

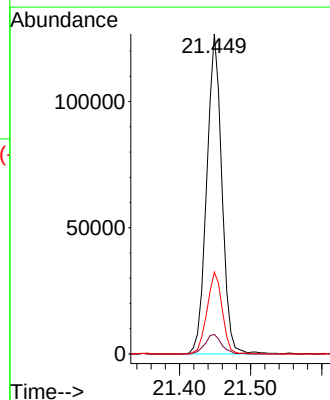
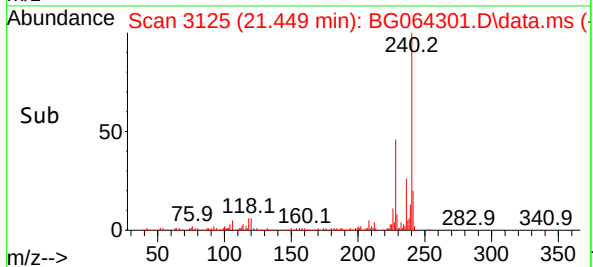
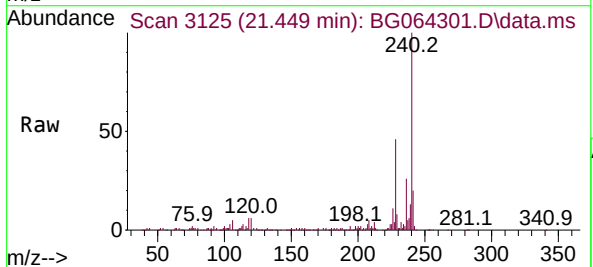
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

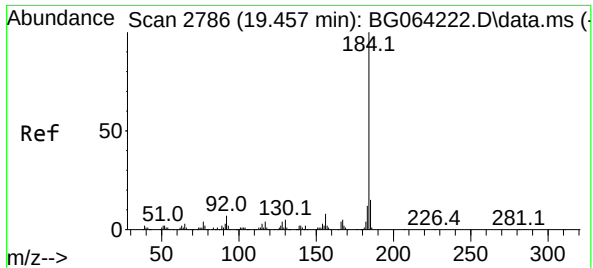
Tgt Ion:202 Resp: 472756
Ion Ratio Lower Upper
202 100
101 6.5 0.0 28.7
203 16.7 0.0 36.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

Tgt Ion:240 Resp: 186770
Ion Ratio Lower Upper
240 100
120 6.1 6.2 9.4#
236 25.6 20.5 30.7

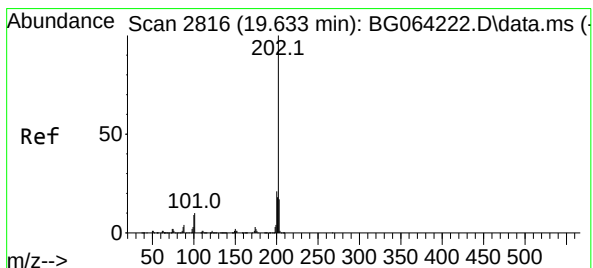
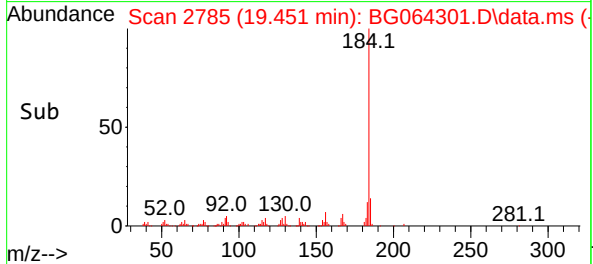
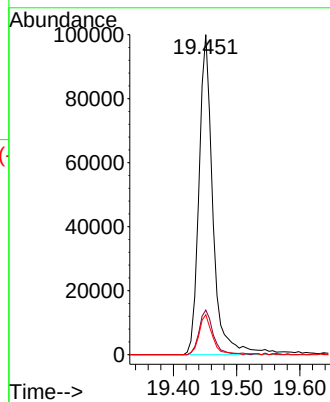
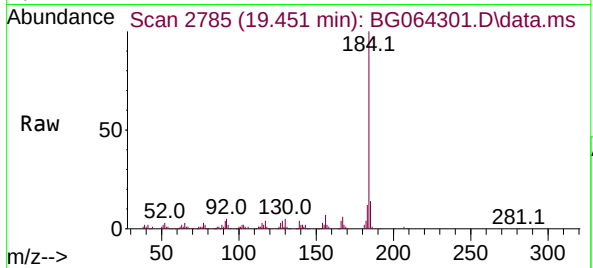




#77
Benzidine
Concen: 39.052 ng
RT: 19.451 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

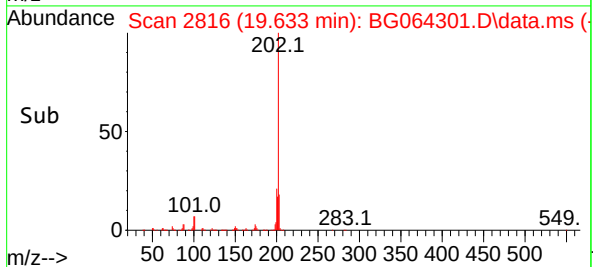
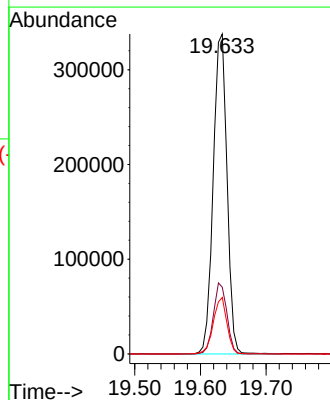
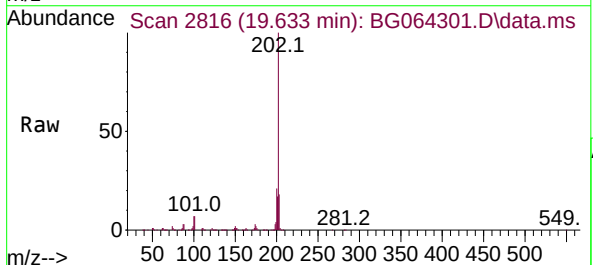
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

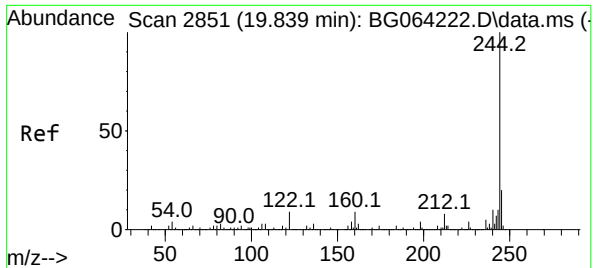
Tgt Ion:184 Resp: 153435
Ion Ratio Lower Upper
184 100
185 13.9 11.7 17.5
183 12.5 9.7 14.5



#78
Pyrene
Concen: 41.922 ng
RT: 19.633 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

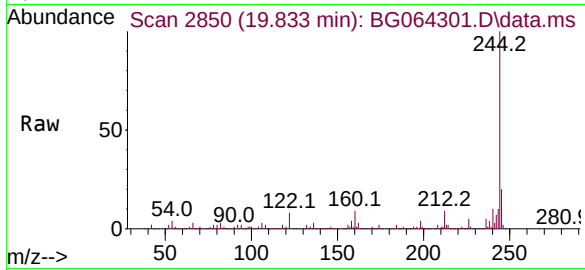
Tgt Ion:202 Resp: 493292
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 17.6 13.8 20.8



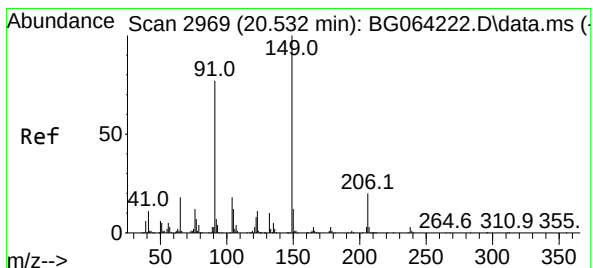
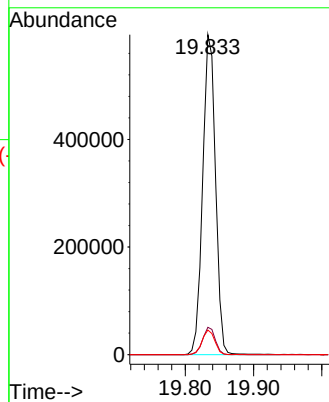
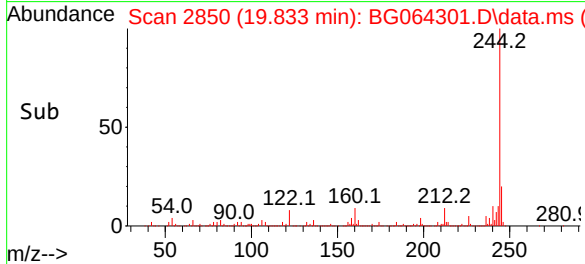


#79
Terphenyl-d14
Concen: 86.817 ng
RT: 19.833 min Scan# 2850
Delta R.T. -0.012 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

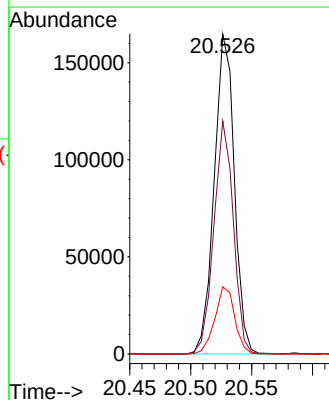
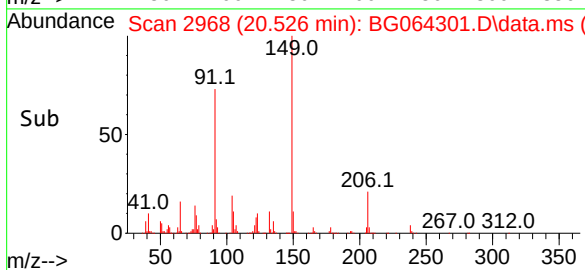
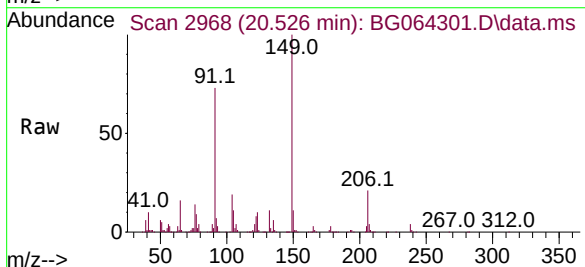


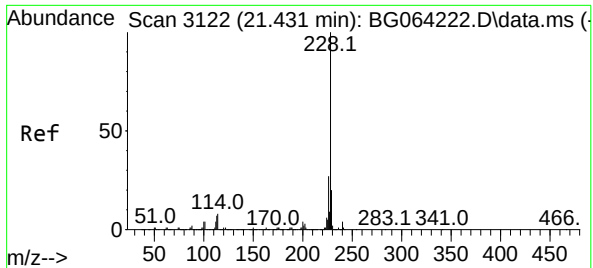
Tgt Ion:244 Resp: 777189
Ion Ratio Lower Upper
244 100
212 8.6 6.6 10.0
122 7.7 7.0 10.6



#80
Butylbenzylphthalate
Concen: 42.492 ng
RT: 20.526 min Scan# 2968
Delta R.T. -0.006 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

Tgt Ion:149 Resp: 188582
Ion Ratio Lower Upper
149 100
91 72.8 61.4 92.0
206 21.0 15.8 23.6

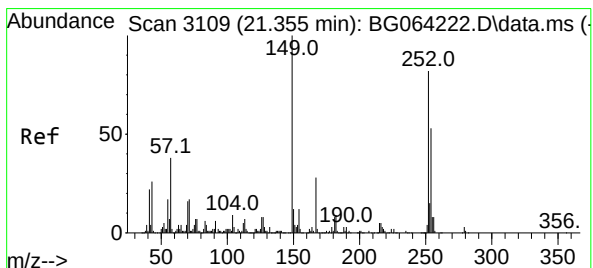
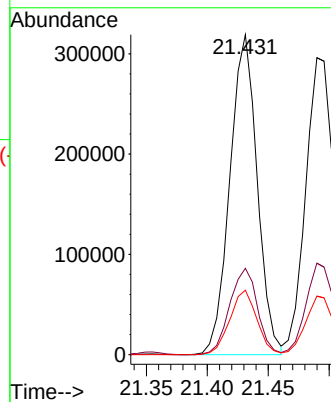
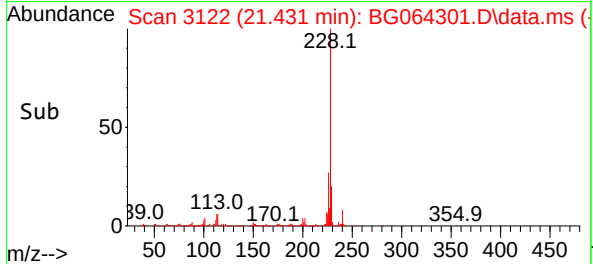
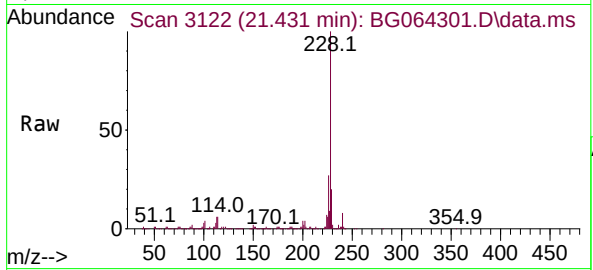




#81
Benzo(a)anthracene
Concen: 41.675 ng
RT: 21.431 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

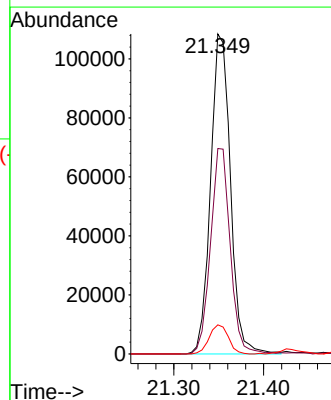
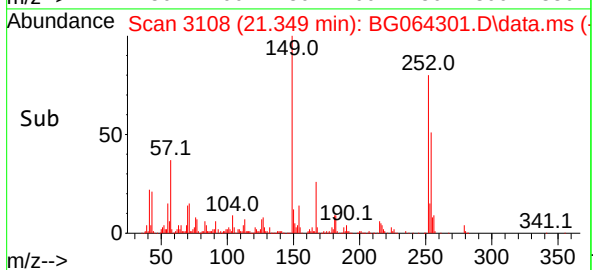
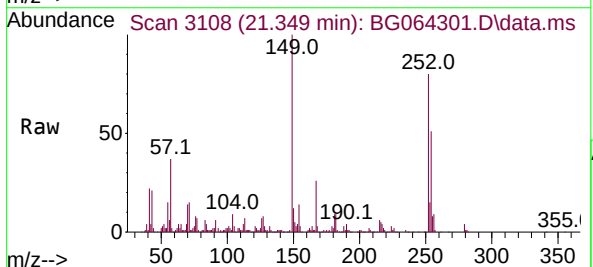
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

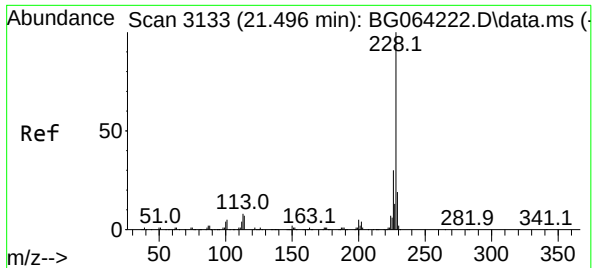
Tgt Ion:228 Resp: 497969
Ion Ratio Lower Upper
228 100
226 27.0 21.7 32.5
229 20.1 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 42.975 ng
RT: 21.349 min Scan# 3108
Delta R.T. -0.012 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

Tgt Ion:252 Resp: 167236
Ion Ratio Lower Upper
252 100
254 64.2 51.9 77.9
126 9.1 7.6 11.4

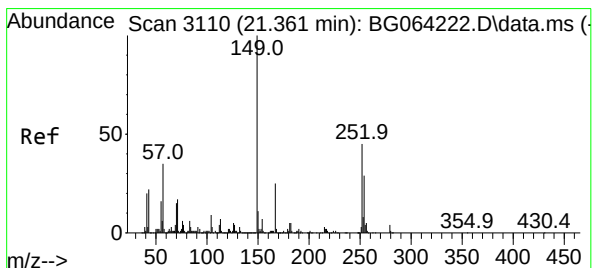
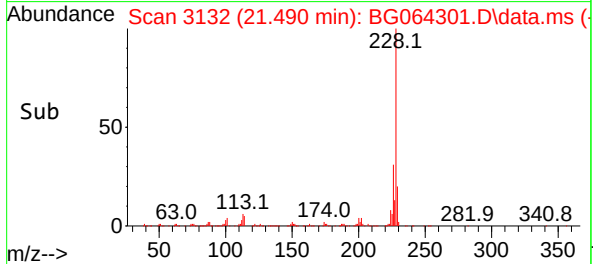
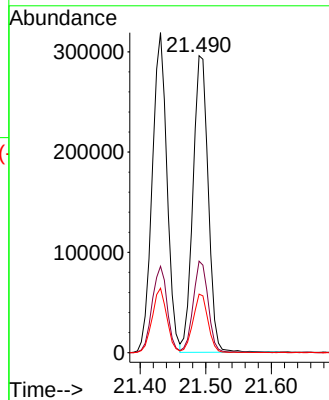
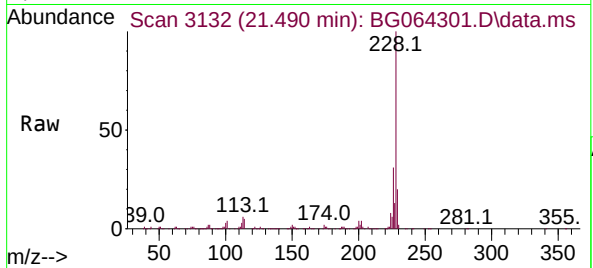




#83
Chrysene
Concen: 41.501 ng
RT: 21.490 min Scan# 3133
Delta R.T. -0.012 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

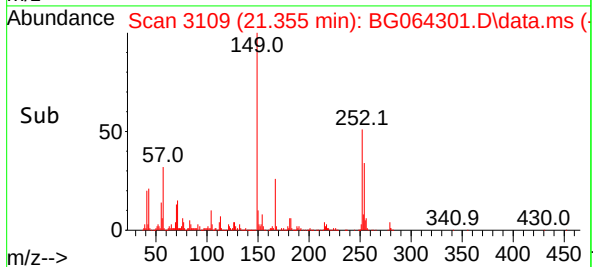
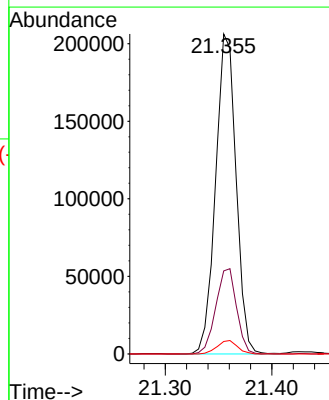
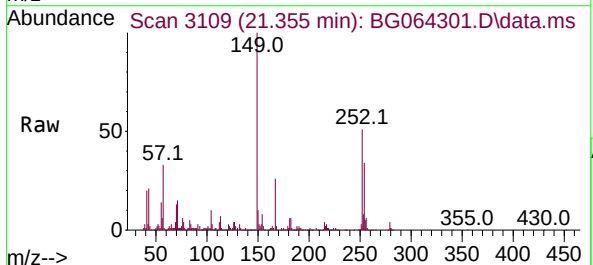
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

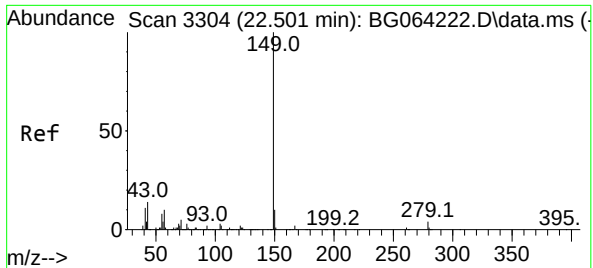
Tgt Ion:228 Resp: 476070
Ion Ratio Lower Upper
228 100
226 30.8 24.2 36.2
229 19.7 15.4 23.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.349 ng
RT: 21.355 min Scan# 3109
Delta R.T. -0.012 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

Tgt Ion:149 Resp: 275515
Ion Ratio Lower Upper
149 100
167 25.9 20.0 30.0
279 3.9 3.0 4.4

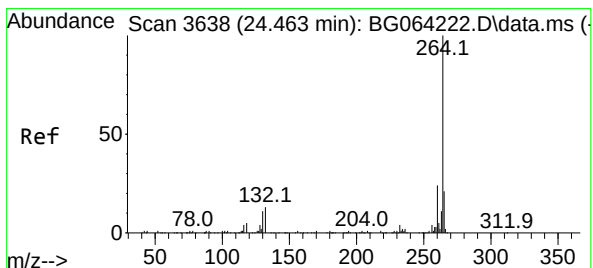
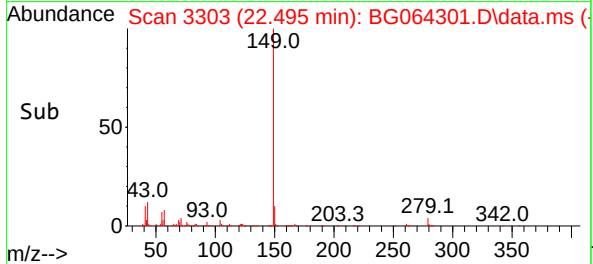
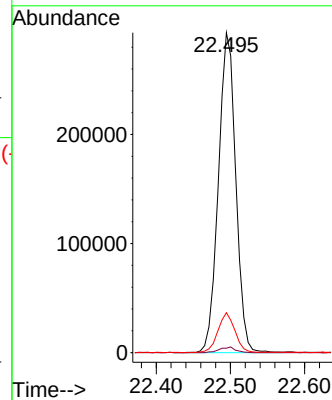
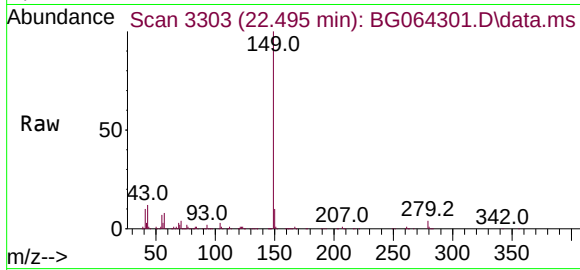




#85
Di-n-octyl phthalate
Concen: 41.118 ng
RT: 22.495 min Scan# 3303
Delta R.T. -0.012 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

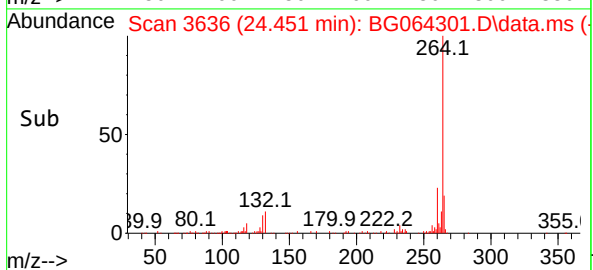
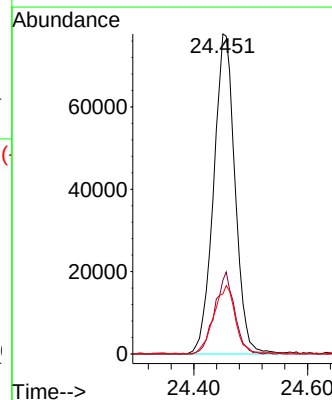
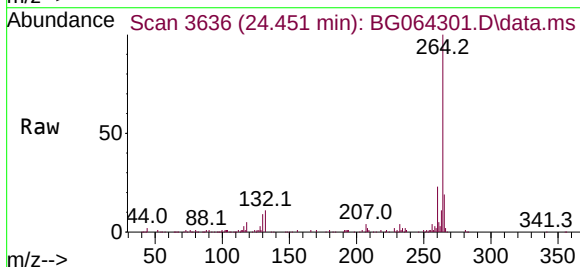
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

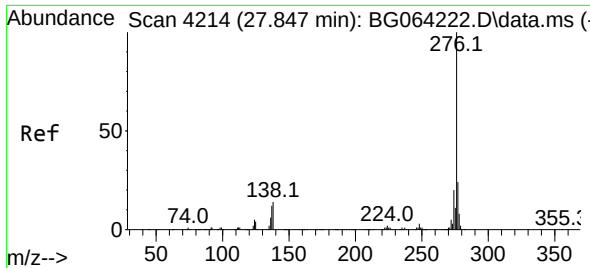
Tgt Ion:149 Resp: 477376
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.3 10.8 16.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.451 min Scan# 3636
Delta R.T. -0.012 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

Tgt Ion:264 Resp: 203030
Ion Ratio Lower Upper
264 100
260 23.0 18.9 28.3
265 18.7 16.7 25.1

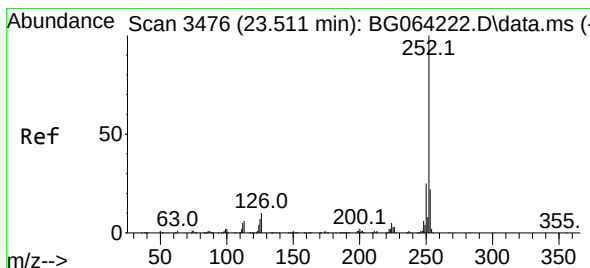
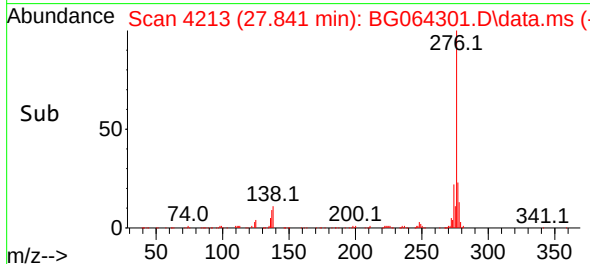
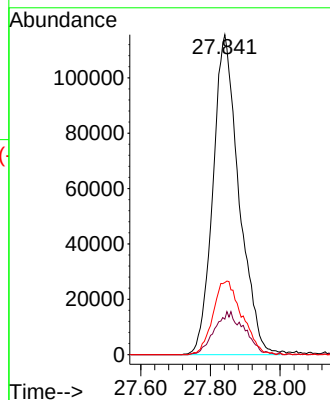
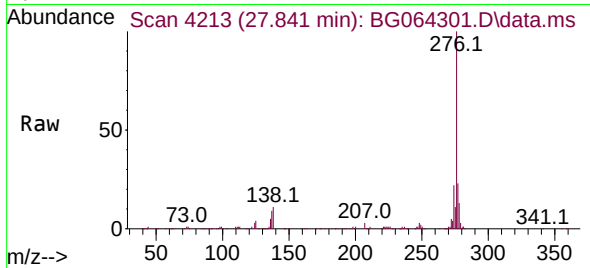




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.262 ng
 RT: 27.841 min Scan# 4214
 Delta R.T. -0.030 min
 Lab File: BG064301.D
 Acq: 8 Sep 2025 10:26

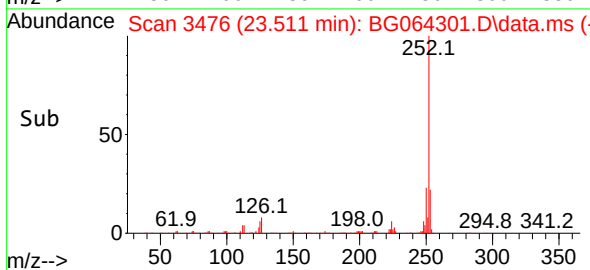
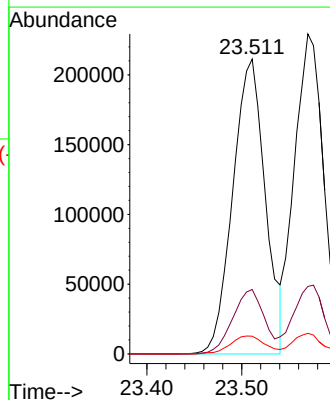
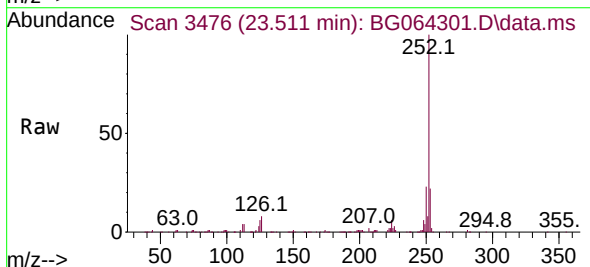
Instrument :
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 ClientSampleId :
 SSTDCCC040

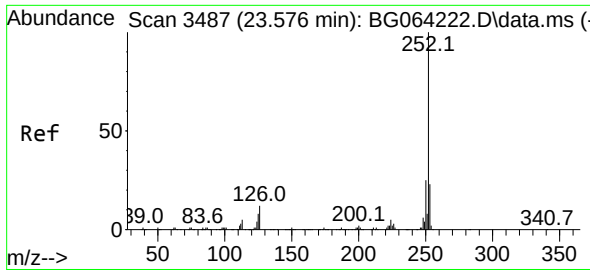
Tgt Ion:276 Resp: 599839
 Ion Ratio Lower Upper
 276 100
 138 15.4 7.4 11.0#
 277 25.6 20.5 30.7



#88
 Benzo(b)fluoranthene
 Concen: 43.951 ng
 RT: 23.511 min Scan# 3476
 Delta R.T. -0.006 min
 Lab File: BG064301.D
 Acq: 8 Sep 2025 10:26

Tgt Ion:252 Resp: 503622
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.5 26.3
 125 6.0 5.9 8.9





#89

Benzo(k)fluoranthene

Concen: 41.999 ng

RT: 23.570 min Scan# 34

Delta R.T. -0.018 min

Lab File: BG064301.D

Acq: 8 Sep 2025 10:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

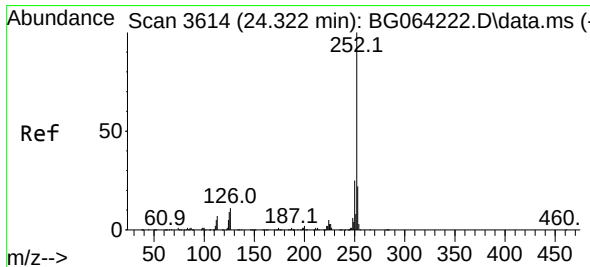
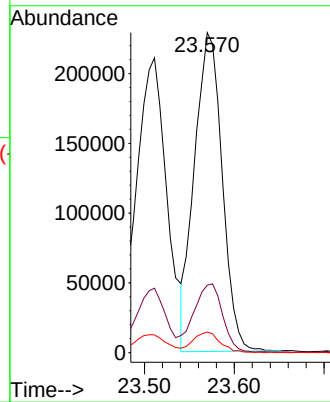
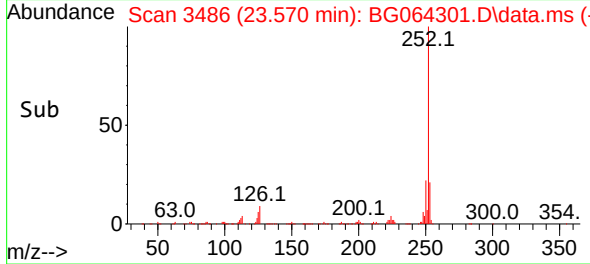
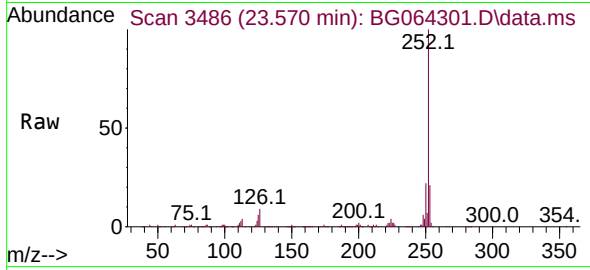
Tgt Ion:252 Resp: 490292

Ion Ratio Lower Upper

252 100

253 21.1 18.2 27.4

125 6.4 7.0 10.4#



#90

Benzo(a)pyrene

Concen: 42.833 ng

RT: 24.316 min Scan# 3613

Delta R.T. -0.012 min

Lab File: BG064301.D

Acq: 8 Sep 2025 10:26

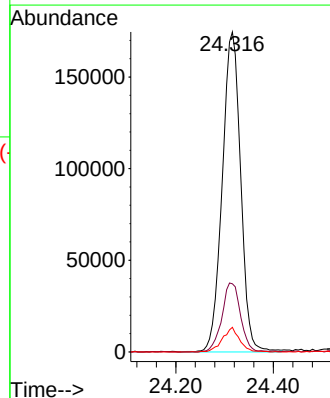
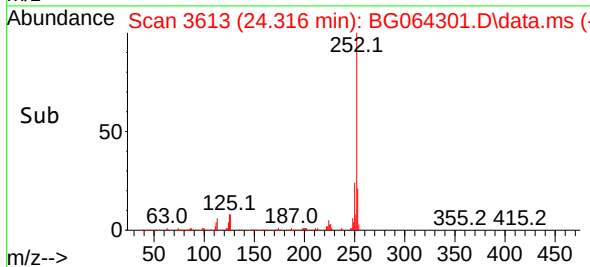
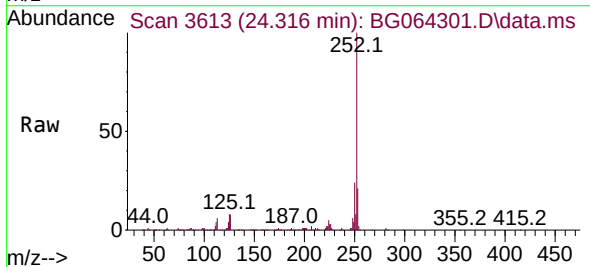
Tgt Ion:252 Resp: 456567

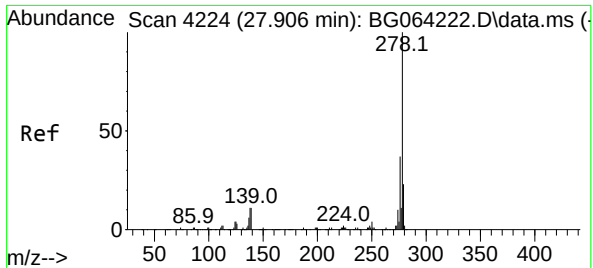
Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.2

125 7.7 7.0 10.6

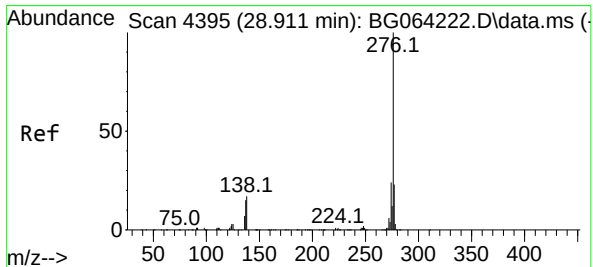
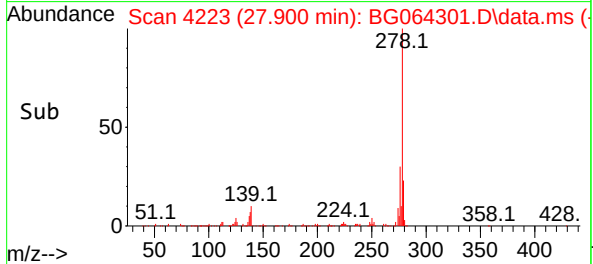
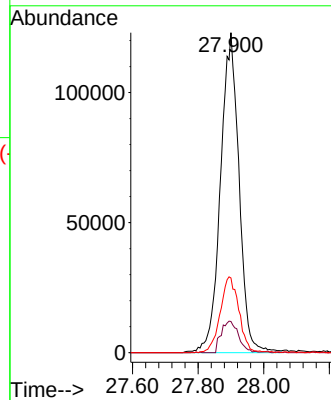
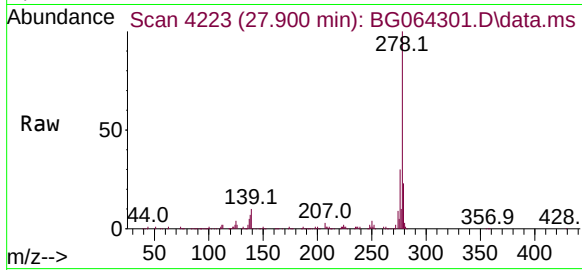




#91
Dibenzo(a,h)anthracene
Concen: 43.420 ng
RT: 27.900 min Scan# 41
Delta R.T. -0.024 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

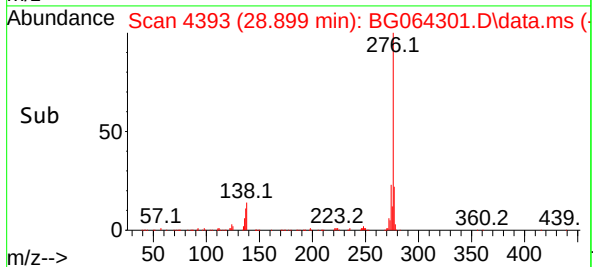
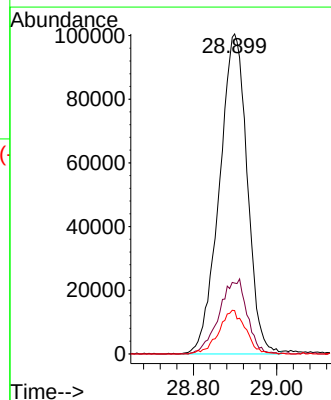
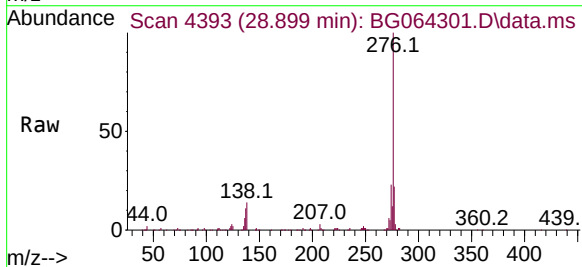
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 483369
Ion Ratio Lower Upper
278 100
139 9.7 9.0 13.4
279 23.3 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 43.068 ng
RT: 28.899 min Scan# 4393
Delta R.T. -0.036 min
Lab File: BG064301.D
Acq: 8 Sep 2025 10:26

Tgt Ion:276 Resp: 466532
Ion Ratio Lower Upper
276 100
277 22.1 18.2 27.4
138 13.5 13.3 19.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
 Data File : BG064301.D
 Acq On : 8 Sep 2025 10:26
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC040

Quant Time: Sep 08 13:45:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 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	84	-0.01
2	1,4-Dioxane	0.465	0.468	-0.6	102	0.00
3	Pyridine	1.368	1.299	5.0	82	-0.01
4	n-Nitrosodimethylamine	0.905	0.911	-0.7	83	0.00
5 S	2-Fluorophenol	1.115	1.121	-0.5	86	0.00
6	Aniline	2.118	2.091	1.3	83	-0.01
7 S	Phenol-d6	1.532	1.574	-2.7	88	-0.01
8	2-Chlorophenol	1.362	1.358	0.3	81	-0.01
9	Benzaldehyde	1.260	1.141	9.4	70	0.00
10 C	Phenol	1.688	1.734	-2.7	88	0.00
11	bis(2-Chloroethyl)ether	1.269	1.209	4.7	80	0.00
12	1,3-Dichlorobenzene	1.449	1.472	-1.6	84	0.00
13 C	1,4-Dichlorobenzene	1.463	1.519	-3.8	88	-0.01
14	1,2-Dichlorobenzene	1.412	1.461	-3.5	88	-0.01
15	Benzyl Alcohol	1.413	1.423	-0.7	84	-0.01
16	2,2'-oxybis(1-Chloropropane	2.897	2.304	20.5	67	0.00
17	2-Methylphenol	1.258	1.193	5.2	80	0.00
18	Hexachloroethane	0.571	0.574	-0.5	83	0.00
19 P	n-Nitroso-di-n-propylamine	1.172	1.110	5.3	78	-0.01
20	3+4-Methylphenols	1.749	1.670	4.5	83	-0.01
21 I	Naphthalene-d8	1.000	1.000	0.0	78	-0.01
22	Acetophenone	0.506	0.528	-4.3	82	-0.01
23 S	Nitrobenzene-d5	0.359	0.398	-10.9	85	-0.01
24	Nitrobenzene	0.375	0.399	-6.4	80	-0.01
25	Isophorone	0.745	0.743	0.3	77	-0.02
26 C	2-Nitrophenol	0.162	0.180	-11.1	82	-0.01
27	2,4-Dimethylphenol	0.284	0.307	-8.1	81	-0.01
28	bis(2-Chloroethoxy)methane	0.402	0.400	0.5	75	-0.01
29 C	2,4-Dichlorophenol	0.300	0.336	-12.0	84	-0.01
30	1,2,4-Trichlorobenzene	0.316	0.361	-14.2	88	0.00
31	Naphthalene	1.037	1.084	-4.5	82	-0.01
32	Benzoic acid	0.226	0.234	-3.5	76	-0.06
33	4-Chloroaniline	0.402	0.420	-4.5	78	-0.01
34 C	Hexachlorobutadiene	0.234	0.282	-20.5#	93	-0.01
35	Caprolactam	0.116	0.121	-4.3	77	-0.04
36 C	4-Chloro-3-methylphenol	0.389	0.416	-6.9	82	0.00
37	2-Methylnaphthalene	0.771	0.815	-5.7	81	-0.01
38	1-Methylnaphthalene	0.761	0.798	-4.9	80	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	79	0.00
40	1,2,4,5-Tetrachlorobenzene	0.577	0.657	-13.9	90	-0.01
41 P	Hexachlorocyclopentadiene	0.274	0.352	-28.5#	102	0.00
42 S	2,4,6-Tribromophenol	0.265	0.331	-24.9	95	0.00
43 C	2,4,6-Trichlorophenol	0.386	0.429	-11.1	86	0.00
44	2,4,5-Trichlorophenol	0.418	0.474	-13.4	87	-0.01
45 S	2-Fluorobiphenyl	1.310	1.393	-6.3	83	-0.01
46	1,1'-Biphenyl	1.457	1.533	-5.2	81	0.00
47	2-Chloronaphthalene	1.095	1.150	-5.0	82	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
 Data File : BG064301.D
 Acq On : 8 Sep 2025 10:26
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC040

Quant Time: Sep 08 13:45:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 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	0.373	0.422	-13.1	82	-0.01
49	Acenaphthylene	1.619	1.705	-5.3	81	0.00
50	Dimethylphthalate	1.514	1.585	-4.7	81	-0.01
51	2,6-Dinitrotoluene	0.293	0.342	-16.7	84	0.00
52 C	Acenaphthene	1.142	1.218	-6.7	82	-0.01
53	3-Nitroaniline	0.307	0.326	-6.2	78	-0.01
54 P	2,4-Dinitrophenol	0.163	0.210	-28.8#	94	0.00
55	Dibenzofuran	1.797	1.896	-5.5	82	0.00
56 P	4-Nitrophenol	0.252	0.277	-9.9	77	-0.01
57	2,4-Dinitrotoluene	0.443	0.505	-14.0	83	0.00
58	Fluorene	1.473	1.594	-8.2	83	-0.01
59	2,3,4,6-Tetrachlorophenol	0.402	0.471	-17.2	89	0.00
60	Diethylphthalate	1.620	1.752	-8.1	82	-0.01
61	4-Chlorophenyl-phenylether	0.734	0.826	-12.5	87	0.00
62	4-Nitroaniline	0.313	0.370	-18.2	84	-0.02
63	Azobenzene	1.444	1.455	-0.8	77	-0.01
64 I	Phenanthrene-d10	1.000	1.000	0.0	80	-0.01
65	4,6-Dinitro-2-methylphenol	0.115	0.143	-24.3	96	0.00
66 c	n-Nitrosodiphenylamine	0.550	0.579	-5.3	82	-0.01
67	4-Bromophenyl-phenylether	0.212	0.241	-13.7	89	0.00
68	Hexachlorobenzene	0.236	0.267	-13.1	94	-0.01
69	Atrazine	0.230	0.258	-12.2	86	-0.01
70 C	Pentachlorophenol	0.143	0.170	-18.9	89	0.00
71	Phenanthrene	1.055	1.116	-5.8	82	0.00
72	Anthracene	1.073	1.126	-4.9	81	-0.01
73	Carbazole	0.945	1.008	-6.7	80	0.00
74	Di-n-butylphthalate	1.136	1.234	-8.6	81	0.00
75 C	Fluoranthene	1.240	1.368	-10.3	84	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	81	0.00
77	Benzydine	0.421	0.411	2.4	75	0.00
78	Pyrene	1.260	1.321	-4.8	82	0.00
79 S	Terphenyl-d14	0.959	1.040	-8.4	86	-0.01
80	Butylbenzylphthalate	0.475	0.505	-6.3	83	0.00
81	Benzo(a)anthracene	1.280	1.333	-4.1	83	0.00
82	3,3'-Dichlorobenzidine	0.417	0.448	-7.4	84	-0.01
83	Chrysene	1.228	1.274	-3.7	83	-0.01
84	Bis(2-ethylhexyl)phthalate	0.714	0.738	-3.4	81	-0.01
85 c	Di-n-octyl phthalate	1.243	1.278	-2.8	82	-0.01
86 I	Perylene-d12	1.000	1.000	0.0	81	-0.01
87	Indeno(1,2,3-cd)pyrene	1.366	1.477	-8.1	86	-0.03
88	Benzo(b)fluoranthene	1.129	1.240	-9.8	86	0.00
89	Benzo(k)fluoranthene	1.150	1.207	-5.0	86	-0.02
90 C	Benzo(a)pyrene	1.050	1.124	-7.0	84	-0.01
91	Dibenzo(a,h)anthracene	1.097	1.190	-8.5	85	-0.02
92	Benzo(g,h,i)perylene	1.067	1.149	-7.7	86	-0.04

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
Data File : BG064301.D
Acq On : 8 Sep 2025 10:26
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Sep 08 13:45:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 1

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
 Data File : BG064301.D
 Acq On : 8 Sep 2025 10:26
 Operator : RC/JU
 Sample : SSTDCCC040
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Instrument :
 BNA_G
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 SSTDCCC040

Quant Time: Sep 08 13:45:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 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	84	-0.01
2	1,4-Dioxane	40.000	40.293	-0.7	102	0.00
3	Pyridine	40.000	37.995	5.0	82	-0.01
4	n-Nitrosodimethylamine	40.000	40.287	-0.7	83	0.00
5 S	2-Fluorophenol	80.000	80.457	-0.6	86	0.00
6	Aniline	40.000	39.495	1.3	83	-0.01
7 S	Phenol-d6	80.000	82.220	-2.8	88	-0.01
8	2-Chlorophenol	40.000	39.881	0.3	81	-0.01
9	Benzaldehyde	40.000	36.225	9.4	70	0.00
10 C	Phenol	40.000	41.087	-2.7	88	0.00
11	bis(2-Chloroethyl)ether	40.000	38.123	4.7	80	0.00
12	1,3-Dichlorobenzene	40.000	40.631	-1.6	84	0.00
13 C	1,4-Dichlorobenzene	40.000	41.547	-3.9	88	-0.01
14	1,2-Dichlorobenzene	40.000	41.391	-3.5	88	-0.01
15	Benzyl Alcohol	40.000	40.282	-0.7	84	-0.01
16	2,2'-oxybis(1-Chloropropane	40.000	31.807	20.5	67	0.00
17	2-Methylphenol	40.000	37.932	5.2	80	0.00
18	Hexachloroethane	40.000	40.207	-0.5	83	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	37.878	5.3	78	-0.01
20	3+4-Methylphenols	40.000	38.208	4.5	83	-0.01
21 I	Naphthalene-d8	20.000	20.000	0.0	78	-0.01
22	Acetophenone	40.000	41.767	-4.4	82	-0.01
23 S	Nitrobenzene-d5	80.000	88.825	-11.0	85	-0.01
24	Nitrobenzene	40.000	42.627	-6.6	80	-0.01
25	Isophorone	40.000	39.851	0.4	77	-0.02
26 C	2-Nitrophenol	40.000	44.462	-11.2	82	-0.01
27	2,4-Dimethylphenol	40.000	43.209	-8.0	81	-0.01
28	bis(2-Chloroethoxy)methane	40.000	39.843	0.4	75	-0.01
29 C	2,4-Dichlorophenol	40.000	44.780	-12.0	84	-0.01
30	1,2,4-Trichlorobenzene	40.000	45.683	-14.2	88	0.00
31	Naphthalene	40.000	41.820	-4.6	82	-0.01
32	Benzoic acid	40.000	41.529	-3.8	76	-0.06
33	4-Chloroaniline	40.000	41.791	-4.5	78	-0.01
34 C	Hexachlorobutadiene	40.000	48.306	-20.8#	93	-0.01
35	Caprolactam	40.000	41.778	-4.4	77	-0.04
36 C	4-Chloro-3-methylphenol	40.000	42.774	-6.9	82	0.00
37	2-Methylnaphthalene	40.000	42.267	-5.7	81	-0.01
38	1-Methylnaphthalene	40.000	41.896	-4.7	80	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	79	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	45.543	-13.9	90	-0.01
41 P	Hexachlorocyclopentadiene	40.000	51.338	-28.3#	102	0.00
42 S	2,4,6-Tribromophenol	80.000	99.996	-25.0	95	0.00
43 C	2,4,6-Trichlorophenol	40.000	44.535	-11.3	86	0.00
44	2,4,5-Trichlorophenol	40.000	45.324	-13.3	87	-0.01
45 S	2-Fluorobiphenyl	80.000	85.070	-6.3	83	-0.01
46	1,1'-Biphenyl	40.000	42.107	-5.3	81	0.00
47	2-Chloronaphthalene	40.000	41.989	-5.0	82	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
 Data File : BG064301.D
 Acq On : 8 Sep 2025 10:26
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC040

Quant Time: Sep 08 13:45:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 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	45.247	-13.1	82	-0.01
49	Acenaphthylene	40.000	42.140	-5.4	81	0.00
50	Dimethylphthalate	40.000	41.892	-4.7	81	-0.01
51	2,6-Dinitrotoluene	40.000	46.664	-16.7	84	0.00
52 C	Acenaphthene	40.000	42.647	-6.6	82	-0.01
53	3-Nitroaniline	40.000	42.439	-6.1	78	-0.01
54 P	2,4-Dinitrophenol	40.000	46.433	-16.1	94	0.00
55	Dibenzofuran	40.000	42.208	-5.5	82	0.00
56 P	4-Nitrophenol	40.000	43.966	-9.9	77	-0.01
57	2,4-Dinitrotoluene	40.000	45.613	-14.0	83	0.00
58	Fluorene	40.000	43.302	-8.3	83	-0.01
59	2,3,4,6-Tetrachlorophenol	40.000	46.862	-17.2	89	0.00
60	Diethylphthalate	40.000	43.245	-8.1	82	-0.01
61	4-Chlorophenyl-phenylether	40.000	45.014	-12.5	87	0.00
62	4-Nitroaniline	40.000	47.296	-18.2	84	-0.02
63	Azobenzene	40.000	40.310	-0.8	77	-0.01
64 I	Phenanthrene-d10	20.000	20.000	0.0	80	-0.01
65	4,6-Dinitro-2-methylphenol	40.000	49.798	-24.5	96	0.00
66 c	n-Nitrosodiphenylamine	40.000	42.109	-5.3	82	-0.01
67	4-Bromophenyl-phenylether	40.000	45.334	-13.3	89	0.00
68	Hexachlorobenzene	40.000	45.240	-13.1	94	-0.01
69	Atrazine	40.000	44.868	-12.2	86	-0.01
70 C	Pentachlorophenol	40.000	47.596	-19.0	89	0.00
71	Phenanthrene	40.000	42.334	-5.8	82	0.00
72	Anthracene	40.000	41.962	-4.9	81	-0.01
73	Carbazole	40.000	42.636	-6.6	80	0.00
74	Di-n-butylphthalate	40.000	43.448	-8.6	81	0.00
75 C	Fluoranthene	40.000	44.115	-10.3	84	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	81	0.00
77	Benzidine	40.000	39.052	2.4	75	0.00
78	Pyrene	40.000	41.922	-4.8	82	0.00
79 S	Terphenyl-d14	80.000	86.817	-8.5	86	-0.01
80	Butylbenzylphthalate	40.000	42.492	-6.2	83	0.00
81	Benzo(a)anthracene	40.000	41.675	-4.2	83	0.00
82	3,3'-Dichlorobenzidine	40.000	42.975	-7.4	84	-0.01
83	Chrysene	40.000	41.501	-3.8	83	-0.01
84	Bis(2-ethylhexyl)phthalate	40.000	41.349	-3.4	81	-0.01
85 c	Di-n-octyl phthalate	40.000	41.118	-2.8	82	-0.01
86 I	Perylene-d12	20.000	20.000	0.0	81	-0.01
87	Indeno(1,2,3-cd)pyrene	40.000	43.262	-8.2	86	-0.03
88	Benzo(b)fluoranthene	40.000	43.951	-9.9	86	0.00
89	Benzo(k)fluoranthene	40.000	41.999	-5.0	86	-0.02
90 C	Benzo(a)pyrene	40.000	42.833	-7.1	84	-0.01
91	Dibenzo(a,h)anthracene	40.000	43.420	-8.6	85	-0.02
92	Benzo(g,h,i)perylene	40.000	43.068	-7.7	86	-0.04

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
Data File : BG064301.D
Acq On : 8 Sep 2025 10:26
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Sep 08 13:45:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 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 = 1



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>ZUCC01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3032</u>
Instrument ID:	<u>BNA_G</u>	Calibration Date/Time:	<u>09/10/2025 12:37</u>
Lab File ID:	<u>BG064329.D</u>	Init. Calib. Date(s):	<u>08/28/2025 08/28/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>10:51 16:16</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.115	1.234		10.7	
Benzaldehyde	1.260	1.223		-2.9	
Phenol-d6	1.532	1.683		9.9	
Phenol	1.689	1.790		6.0	20.0
bis(2-Chloroethyl) ether	1.269	1.235		-2.7	
2-Chlorophenol	1.362	1.528		12.2	
2-Methylphenol	1.258	1.272		1.1	
2,2-oxybis(1-Chloropropane)	2.897	2.328		-19.6	
Acetophenone	0.506	0.560		10.7	
3+4-Methylphenols	1.749	1.728		-1.2	
n-Nitroso-di-n-propylamine	1.172	1.131	0.050	-3.5	
Nitrobenzene-d5	0.359	0.430		19.8	
Hexachloroethane	0.571	0.650		13.8	
Nitrobenzene	0.375	0.426		13.6	
Isophorone	0.745	0.758		1.7	
2-Nitrophenol	0.162	0.210		29.6	20.0
2,4-Dimethylphenol	0.284	0.316		11.3	
bis(2-Chloroethoxy) methane	0.402	0.404		0.5	
2,4-Dichlorophenol	0.300	0.361		20.3	20.0
Naphthalene	1.037	1.173		13.1	
4-Chloroaniline	0.402	0.438		9.0	
Hexachlorobutadiene	0.234	0.317		35.5	20.0
Caprolactam	0.116	0.120		3.4	
4-Chloro-3-methylphenol	0.389	0.430		10.5	20.0
2-Methylnaphthalene	0.771	0.856		11.0	
Hexachlorocyclopentadiene	0.274	0.391	0.050	42.7	
2,4,6-Trichlorophenol	0.386	0.452		17.1	20.0
2-Fluorobiphenyl	1.310	1.487		13.5	
2,4,5-Trichlorophenol	0.418	0.505		20.8	
1,1-Biphenyl	1.457	1.597		9.6	
2-Chloronaphthalene	1.095	1.217		11.1	
2-Nitroaniline	0.373	0.437		17.2	
Dimethylphthalate	1.514	1.633		7.9	
Acenaphthylene	1.619	1.790		10.6	
2,6-Dinitrotoluene	0.293	0.341		16.4	
3-Nitroaniline	0.307	0.339		10.4	
Acenaphthene	1.142	1.211		6.0	20.0
2,4-Dinitrophenol	0.163	0.235	0.050	44.2	
4-Nitrophenol	0.252	0.288	0.050	14.3	



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Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>ZUCC01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3032</u>
Instrument ID:	<u>BNA_G</u>	Calibration Date/Time:	<u>09/10/2025 12:37</u>
Lab File ID:	<u>BG064329.D</u>	Init. Calib. Date(s):	<u>08/28/2025 08/28/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>10:51 16:16</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.797	1.958		9.0	
2,4-Dinitrotoluene	0.443	0.519		17.2	
Diethylphthalate	1.620	1.772		9.4	
4-Chlorophenyl-phenylether	0.734	0.835		13.8	
Fluorene	1.473	1.590		7.9	
4-Nitroaniline	0.313	0.376		20.1	
4,6-Dinitro-2-methylphenol	0.115	0.152		32.2	
n-Nitrosodiphenylamine	0.550	0.601		9.3	20.0
2,4,6-Tribromophenol	0.265	0.346		30.6	
4-Bromophenyl-phenylether	0.212	0.258		21.7	
Hexachlorobenzene	0.236	0.280		18.6	
Atrazine	0.230	0.279		21.3	
Pentachlorophenol	0.143	0.196		37.1	20.0
Phenanthrene	1.055	1.171		11.0	
Anthracene	1.073	1.190		10.9	
Carbazole	0.945	1.081		14.4	
Di-n-butylphthalate	1.136	1.332		17.3	
Fluoranthene	1.240	1.457		17.5	20.0
Pyrene	1.260	1.389		10.2	
Terphenyl-d14	0.959	1.105		15.2	
Butylbenzylphthalate	0.475	0.534		12.4	
3,3-Dichlorobenzidine	0.417	0.484		16.1	
Benzo (a) anthracene	1.280	1.438		12.3	
Chrysene	1.228	1.355		10.3	
Bis(2-ethylhexyl)phthalate	0.714	0.778		9.0	
Di-n-octyl phthalate	1.243	1.337		7.6	20.0
Benzo (b) fluoranthene	1.129	1.304		15.5	
Benzo (k) fluoranthene	1.150	1.295		12.6	
Benzo (a) pyrene	1.050	1.204		14.7	20.0
Indeno (1,2,3-cd) pyrene	1.366	1.582		15.8	
Dibenzo (a,h) anthracene	1.097	1.277		16.4	
Benzo (g,h,i) perylene	1.067	1.221		14.4	
1,2,4,5-Tetrachlorobenzene	0.577	0.706		22.4	
1,4-Dioxane	0.465	0.461		-0.9	20.0
2,3,4,6-Tetrachlorophenol	0.402	0.484		20.4	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
 Data File : BG064329.D
 Acq On : 10 Sep 2025 12:37
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 10 13:45:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	27684	20.000	ng	-0.01
21) Naphthalene-d8	10.631	136	118232	20.000	ng	#-0.02
39) Acenaphthene-d10	14.468	164	85027	20.000	ng	-0.01
64) Phenanthrene-d10	17.211	188	196821	20.000	ng	#-0.01
76) Chrysene-d12	21.442	240	218500	20.000	ng	-0.01
86) Perylene-d12	24.438	264	236667	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.431	112	136593	88.521	ng	-0.01
7) Phenol-d6	7.017	99	186397	87.927	ng	-0.01
23) Nitrobenzene-d5	8.997	82	203499	95.991	ng	-0.02
42) 2,4,6-Tribromophenol	15.960	330	117743	104.547	ng	-0.01
45) 2-Fluorobiphenyl	13.093	172	505576	90.758	ng	-0.02
79) Terphenyl-d14	19.832	244	966047	92.243	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.351	88	25507	39.659	ng	90
3) Pyridine	3.745	79	72240	38.157	ng	# 58
4) n-Nitrosodimethylamine	3.657	42	57062	45.567	ng	98
6) Aniline	7.176	93	118474	40.413	ng	97
8) 2-Chlorophenol	7.411	128	84614	44.874	ng	99
9) Benzaldehyde	6.988	77	67713	38.813	ng	92
10) Phenol	7.047	94	99110	42.405	ng	87
11) bis(2-Chloroethyl)ether	7.270	93	68392	38.941	ng	98
12) 1,3-Dichlorobenzene	7.734	146	93911	46.815	ng	99
13) 1,4-Dichlorobenzene	7.881	146	90597	44.750	ng	94
14) 1,2-Dichlorobenzene	8.198	146	87950	45.012	ng	95
15) Benzyl Alcohol	8.081	79	85391	43.649	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.363	45	128872	32.139	ng	96
17) 2-Methylphenol	8.287	107	70422	40.428	ng	94
18) Hexachloroethane	8.921	117	36007	45.563	ng	83
19) n-Nitroso-di-n-propyla...	8.651	70	62640	38.609	ng	# 92
20) 3+4-Methylphenols	8.616	107	95664	39.525	ng	98
22) Acetophenone	8.663	105	132436	44.276	ng	# 98
24) Nitrobenzene	9.044	77	100745	45.484	ng	98
25) Isophorone	9.567	82	179132	40.656	ng	98
26) 2-Nitrophenol	9.750	139	49677	51.905	ng	# 89
27) 2,4-Dimethylphenol	9.808	122	74813	44.523	ng	95
28) bis(2-Chloroethoxy)met...	10.043	93	95549	40.218	ng	92
29) 2,4-Dichlorophenol	10.284	162	85416	48.177	ng	92
30) 1,2,4-Trichlorobenzene	10.496	180	92665	49.569	ng	97
31) Naphthalene	10.684	128	277444	45.253	ng	98
32) Benzoic acid	9.973	122	57220	42.899	ng	83
33) 4-Chloroaniline	10.790	127	103610	43.602	ng	97
34) Hexachlorobutadiene	10.972	225	75014	54.285	ng	91
35) Caprolactam	11.571	113	28397	41.365	ng	# 87
36) 4-Chloro-3-methylphenol	11.918	107	101787	44.248	ng	93
37) 2-Methylnaphthalene	12.294	142	202376	44.408	ng	97
38) 1-Methylnaphthalene	12.511	142	195992	43.542	ng	100
40) 1,2,4,5-Tetrachloroben...	12.664	216	120067	48.941	ng	98
41) Hexachlorocyclopentadiene	12.646	237	66555	57.081	ng	95
43) 2,4,6-Trichlorophenol	12.905	196	76918	46.908	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
 Data File : BG064329.D
 Acq On : 10 Sep 2025 12:37
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 10 13:45:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

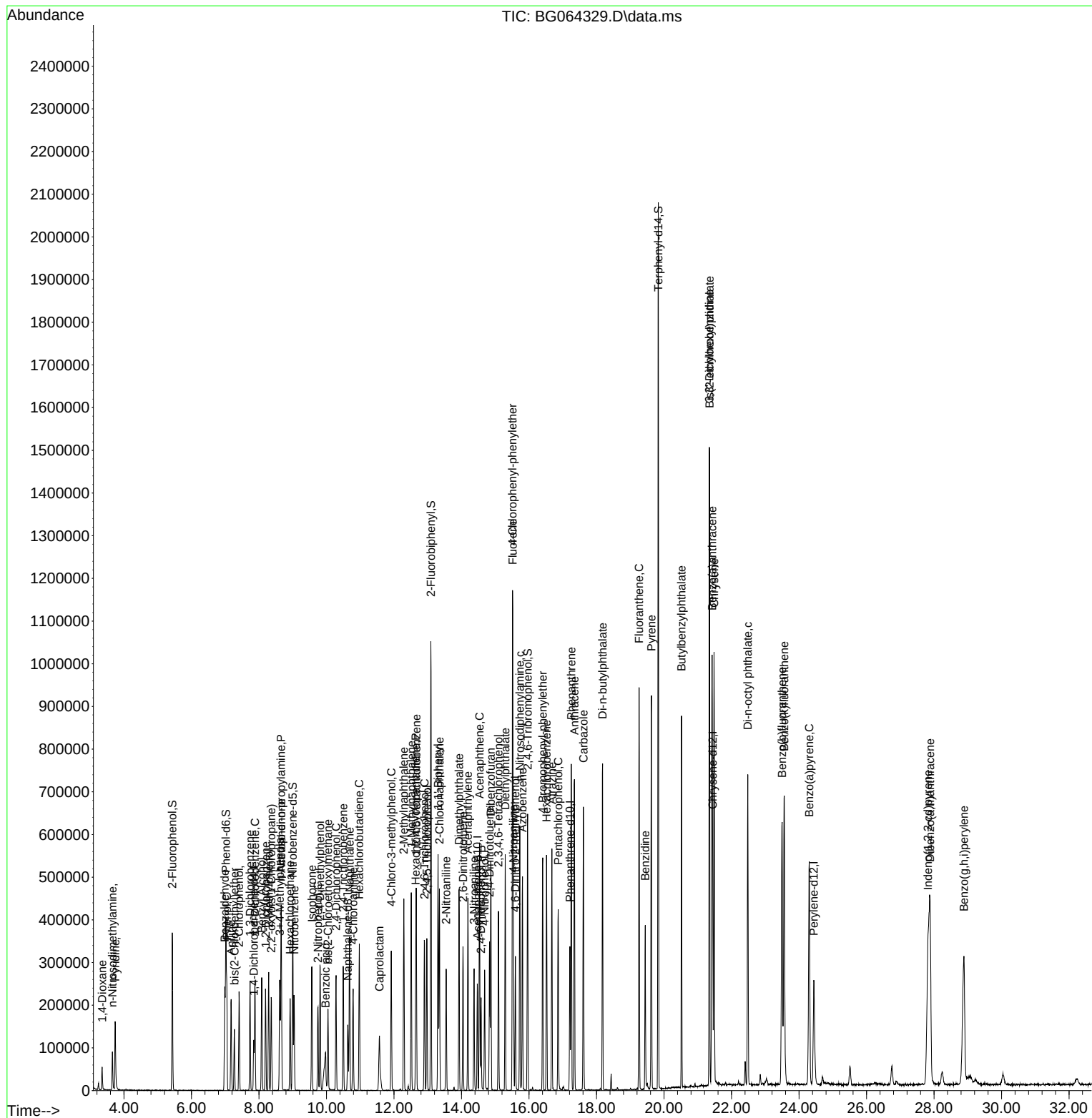
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	85960	48.326	ng	96
46) 1,1'-Biphenyl	13.304	154	271604	43.857	ng	98
47) 2-Chloronaphthalene	13.345	162	206883	44.436	ng	99
48) 2-Nitroaniline	13.545	65	74324	46.837	ng	93
49) Acenaphthylene	14.191	152	304412	44.231	ng	98
50) Dimethylphthalate	13.927	163	277648	43.141	ng	98
51) 2,6-Dinitrotoluene	14.045	165	58050	46.591	ng	97
52) Acenaphthene	14.532	154	205996	42.413	ng	98
53) 3-Nitroaniline	14.374	138	57654	44.176	ng	98
54) 2,4-Dinitrophenol	14.579	184	40046	51.371	ng	# 78
55) Dibenzofuran	14.867	168	332983	43.587	ng	99
56) 4-Nitrophenol	14.685	139	49030	45.798	ng	# 84
57) 2,4-Dinitrotoluene	14.832	165	88291	46.867	ng	100
58) Fluorene	15.519	166	270362	43.178	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.096	232	82358	48.140	ng	98
60) Diethylphthalate	15.296	149	301306	43.745	ng	98
61) 4-Chlorophenyl-phenylether	15.513	204	142080	45.511	ng	99
62) 4-Nitroaniline	15.537	138	64021	48.073	ng	95
63) Azobenzene	15.807	77	248758	40.521	ng	94
65) 4,6-Dinitro-2-methylph...	15.596	198	59929	53.034	ng	92
66) n-Nitrosodiphenylamine	15.725	169	236509	43.682	ng	99
67) 4-Bromophenyl-phenylether	16.406	248	101412	48.511	ng	95
68) Hexachlorobenzene	16.524	284	110107	47.430	ng	95
69) Atrazine	16.677	200	109887	48.607	ng	98
70) Pentachlorophenol	16.865	266	77121	54.789	ng	97
71) Phenanthrene	17.253	178	461115	44.419	ng	98
72) Anthracene	17.347	178	468276	44.345	ng	99
73) Carbazole	17.611	167	425535	45.744	ng	99
74) Di-n-butylphthalate	18.181	149	524480	46.928	ng	98
75) Fluoranthene	19.262	202	573695	47.001	ng	96
77) Benzidine	19.444	184	204240	44.434	ng	99
78) Pyrene	19.626	202	607108	44.103	ng	98
80) Butylbenzylphthalate	20.519	149	233555	44.983	ng	94
81) Benzo(a)anthracene	21.424	228	628363	44.951	ng	99
82) 3,3'-Dichlorobenzidine	21.342	252	211367	46.428	ng	99
83) Chrysene	21.483	228	592124	44.122	ng	100
84) Bis(2-ethylhexyl)phtha...	21.348	149	339987	43.615	ng	100
85) Di-n-octyl phthalate	22.482	149	584272	43.017	ng	97
87) Indeno(1,2,3-cd)pyrene	27.822	276	748845	46.333	ng	99
88) Benzo(b)fluoranthene	23.498	252	617318	46.216	ng	98
89) Benzo(k)fluoranthene	23.563	252	612889	45.039	ng	# 96
90) Benzo(a)pyrene	24.303	252	570126	45.885	ng	# 97
91) Dibenzo(a,h)anthracene	27.887	278	604581	46.589	ng	98
92) Benzo(g,h,i)perylene	28.886	276	578046	45.778	ng	# 93

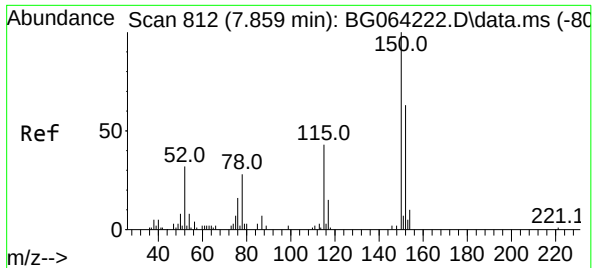
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
 Data File : BG064329.D
 Acq On : 10 Sep 2025 12:37
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 10 13:45:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

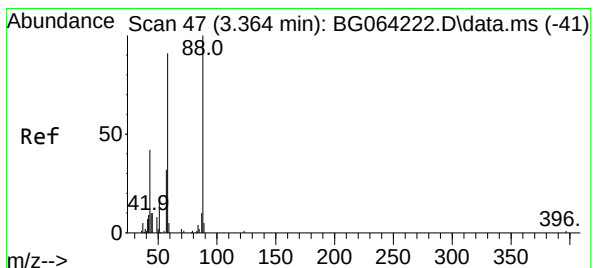
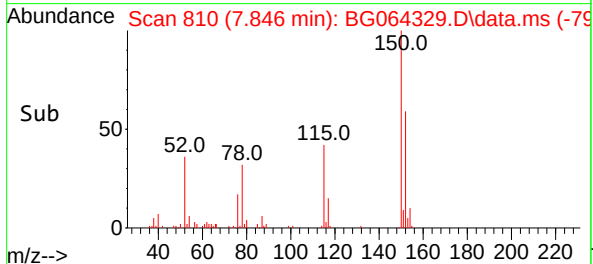
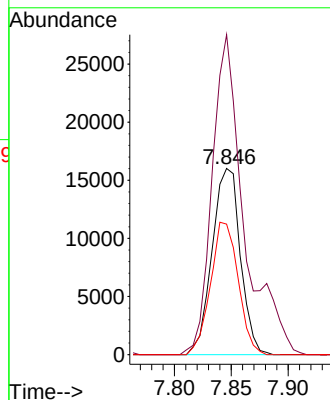
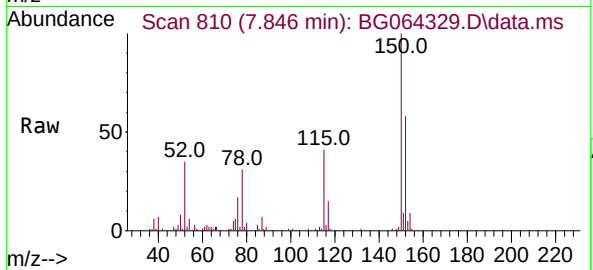




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.846 min Scan# 81
 Delta R.T. -0.013 min
 Lab File: BG064329.D
 Acq: 10 Sep 2025 12:37

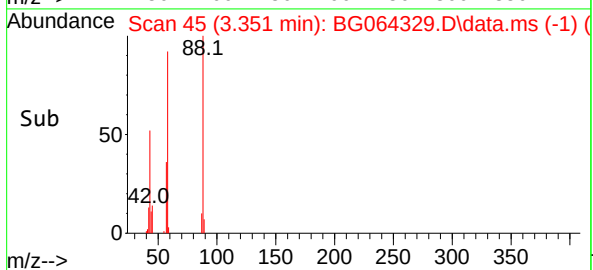
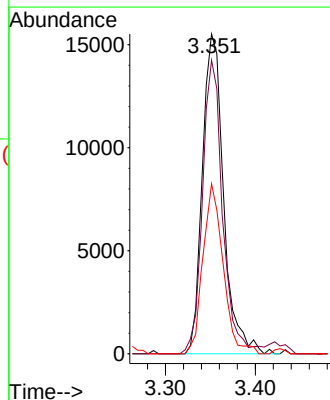
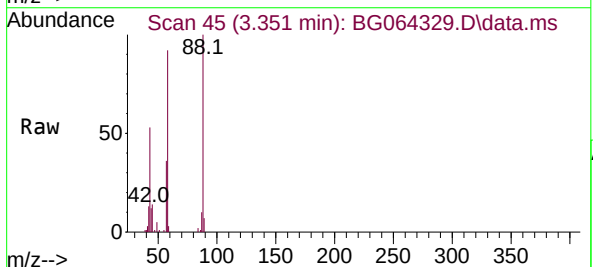
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

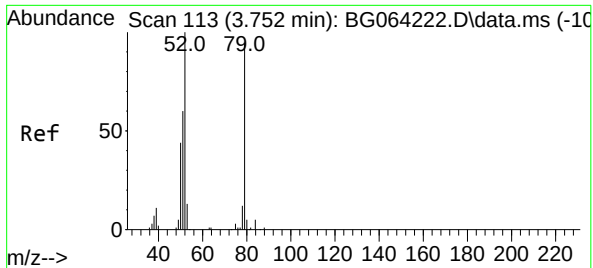
Tgt Ion:152 Resp: 27684
 Ion Ratio Lower Upper
 152 100
 150 171.9 128.0 192.0
 115 70.1 55.7 83.5



#2
 1,4-Dioxane
 Concen: 39.659 ng
 RT: 3.351 min Scan# 45
 Delta R.T. -0.007 min
 Lab File: BG064329.D
 Acq: 10 Sep 2025 12:37

Tgt Ion: 88 Resp: 25507
 Ion Ratio Lower Upper
 88 100
 58 86.4 80.8 121.2
 43 50.6 40.3 60.5

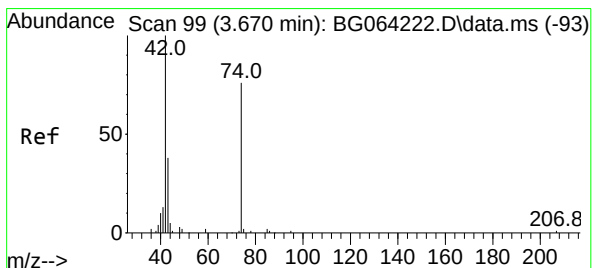
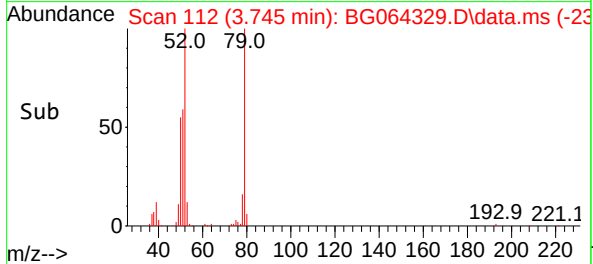
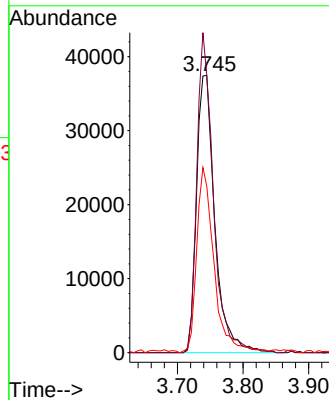
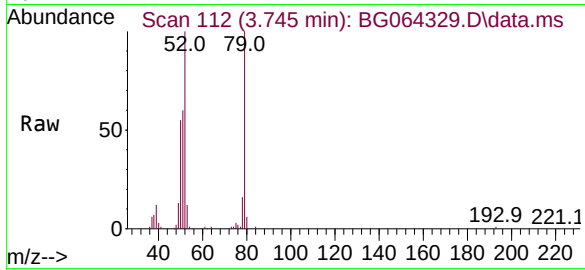




#3
Pyridine
Concen: 38.157 ng
RT: 3.745 min Scan# 113
Delta R.T. -0.007 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

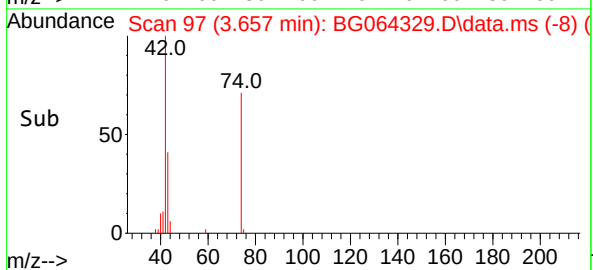
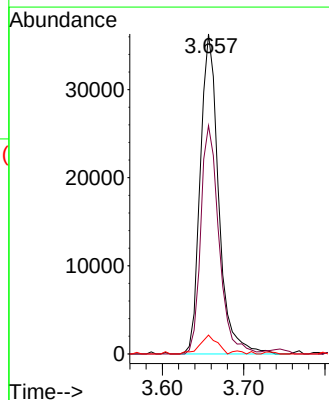
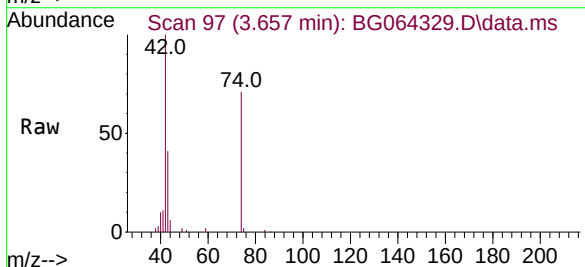
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

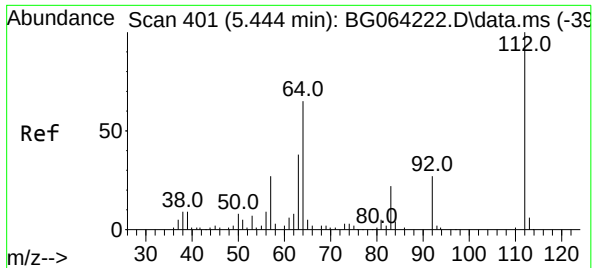
Tgt Ion: 79 Resp: 72240
Ion Ratio Lower Upper
79 100
52 99.9 86.6 129.8
51 60.1 114.1 171.1#



#4
n-Nitrosodimethylamine
Concen: 45.567 ng
RT: 3.657 min Scan# 97
Delta R.T. -0.007 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

Tgt Ion: 42 Resp: 57062
Ion Ratio Lower Upper
42 100
74 71.3 58.0 87.0
44 5.9 5.5 8.3

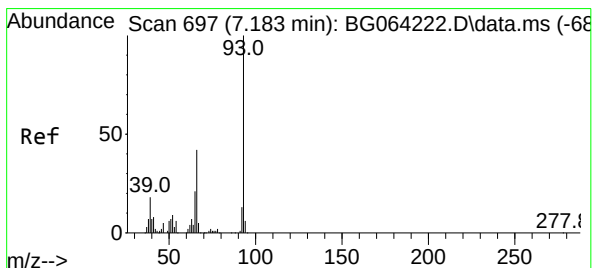
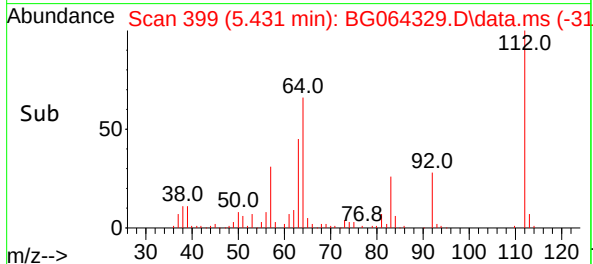
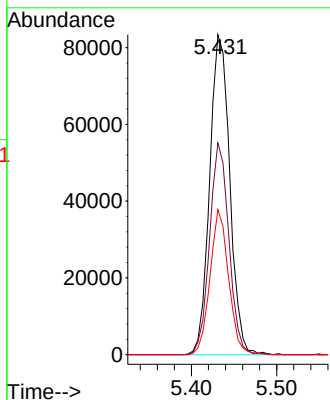
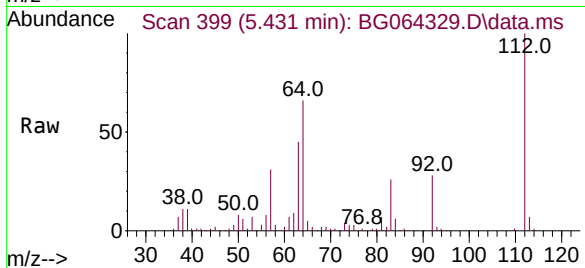




#5
2-Fluorophenol
Concen: 88.521 ng
RT: 5.431 min Scan# 399
Delta R.T. -0.013 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

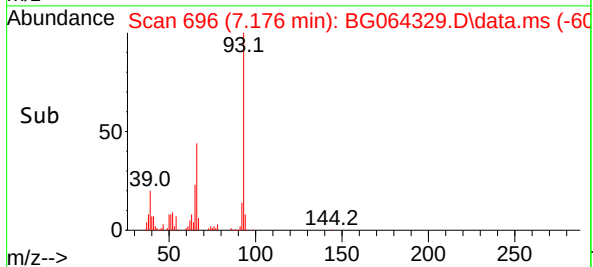
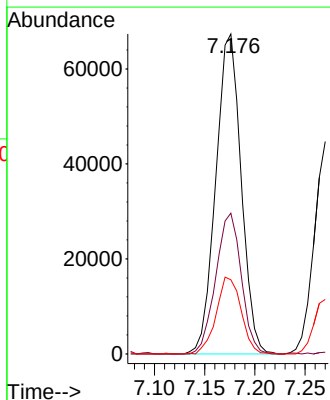
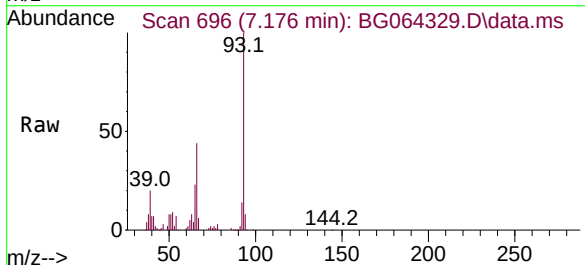
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

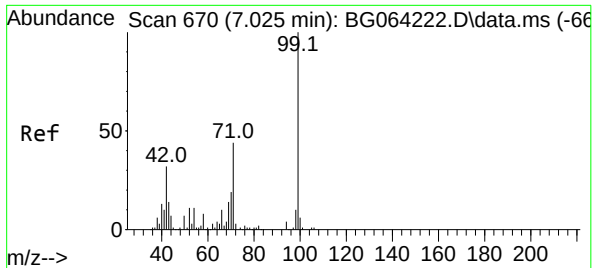
Tgt Ion:112 Resp: 136593
Ion Ratio Lower Upper
112 100
64 66.2 51.8 77.6
63 45.3 30.6 45.8



#6
Aniline
Concen: 40.413 ng
RT: 7.176 min Scan# 696
Delta R.T. -0.013 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

Tgt Ion: 93 Resp: 118474
Ion Ratio Lower Upper
93 100
66 44.0 33.8 50.8
65 23.2 16.9 25.3

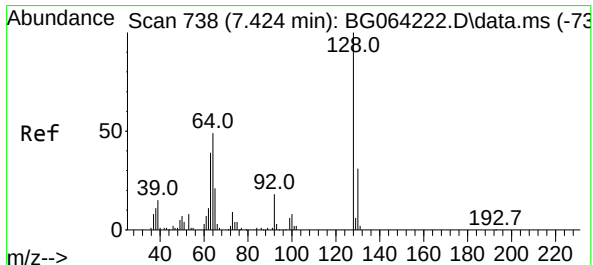
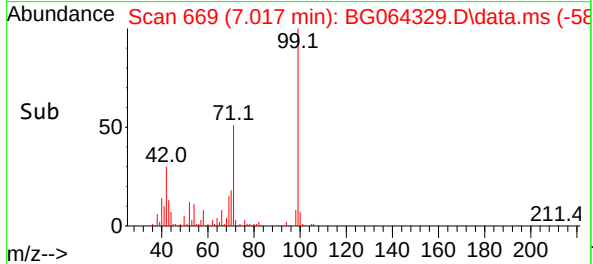
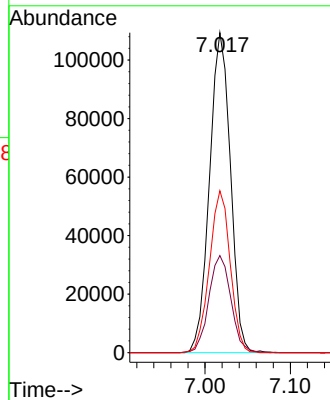
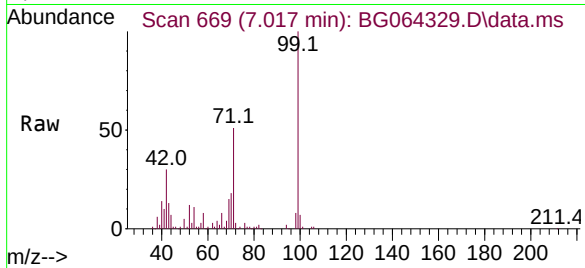




#7
Phenol-d6
Concen: 87.927 ng
RT: 7.017 min Scan# 60
Delta R.T. -0.013 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

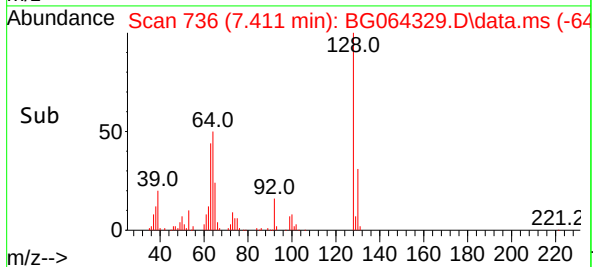
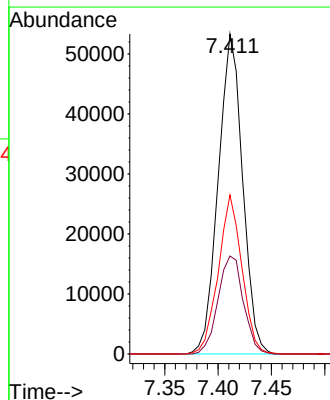
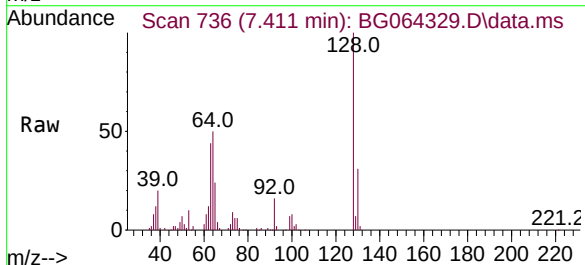
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

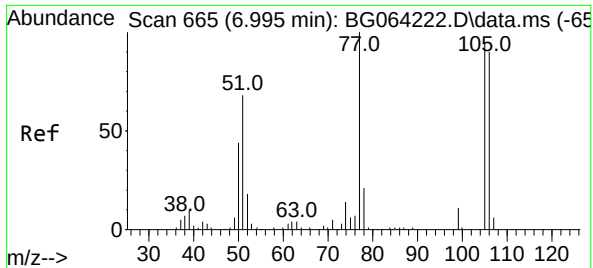
Tgt Ion: 99 Resp: 186397
Ion Ratio Lower Upper
99 100
42 30.3 25.8 38.8
71 50.6 35.2 52.8



#8
2-Chlorophenol
Concen: 44.874 ng
RT: 7.411 min Scan# 736
Delta R.T. -0.013 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

Tgt Ion: 128 Resp: 84614
Ion Ratio Lower Upper
128 100
130 30.6 10.9 50.9
64 49.6 28.7 68.7

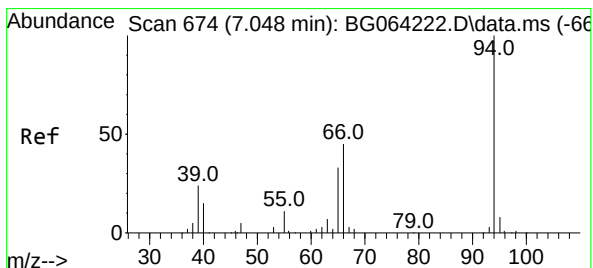
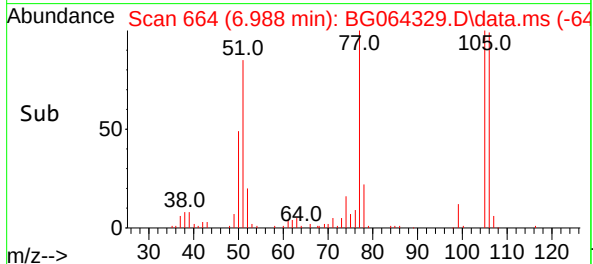
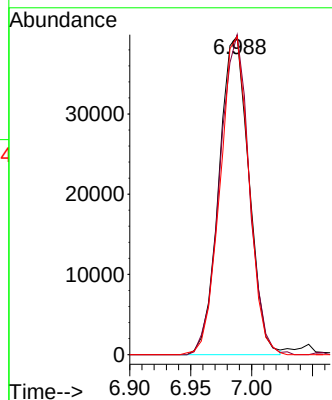
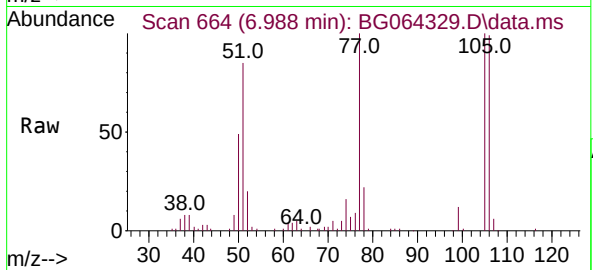




#9
Benzaldehyde
Concen: 38.813 ng
RT: 6.988 min Scan# 664
Delta R.T. -0.007 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

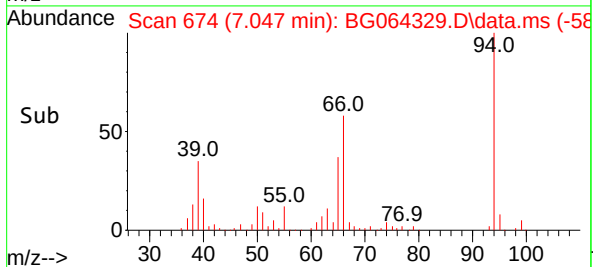
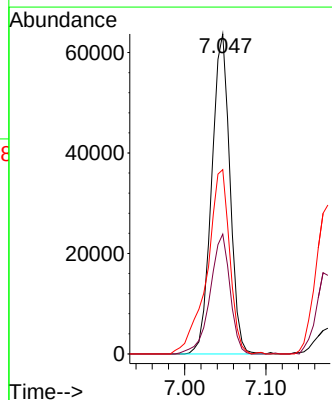
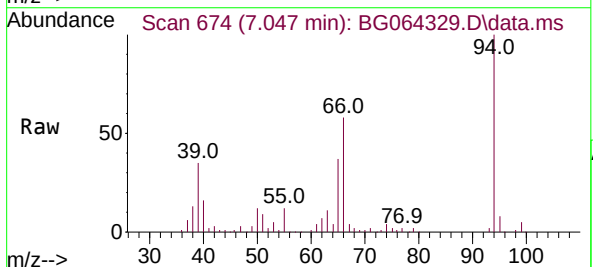
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

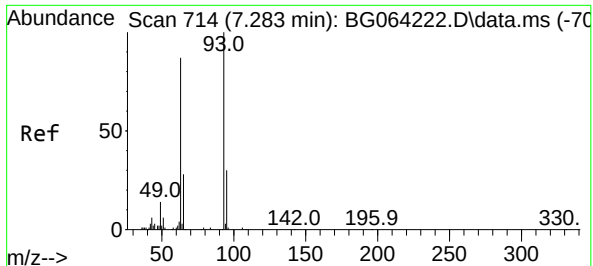
Tgt Ion: 77 Resp: 67713
Ion Ratio Lower Upper
77 100
105 100.5 75.2 115.2
106 99.9 69.6 109.6



#10
Phenol
Concen: 42.405 ng
RT: 7.047 min Scan# 674
Delta R.T. -0.007 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

Tgt Ion: 94 Resp: 99110
Ion Ratio Lower Upper
94 100
65 37.4 13.5 53.5
66 57.6 26.2 66.2

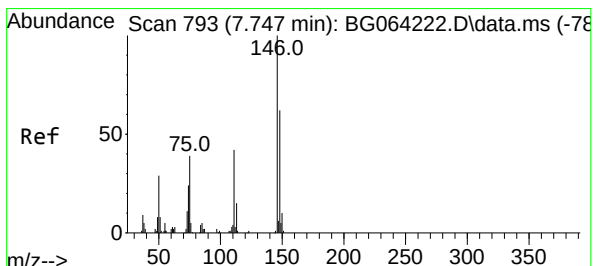
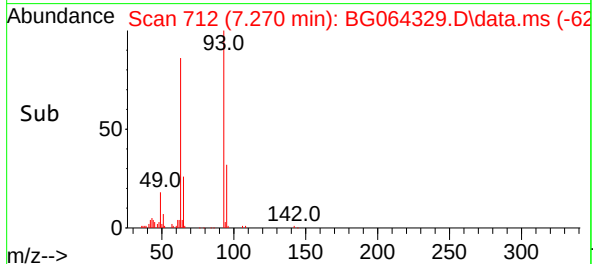
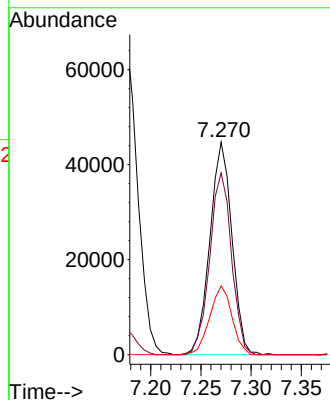
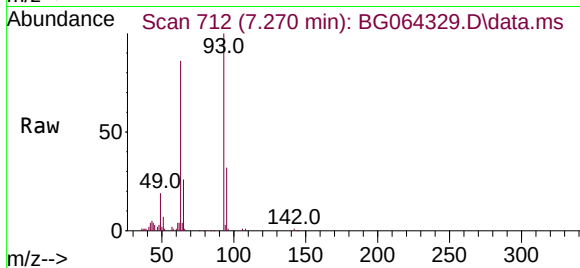




#11
 bis(2-Chloroethyl)ether
 Concen: 38.941 ng
 RT: 7.270 min Scan# 714
 Delta R.T. -0.013 min
 Lab File: BG064329.D
 Acq: 10 Sep 2025 12:37

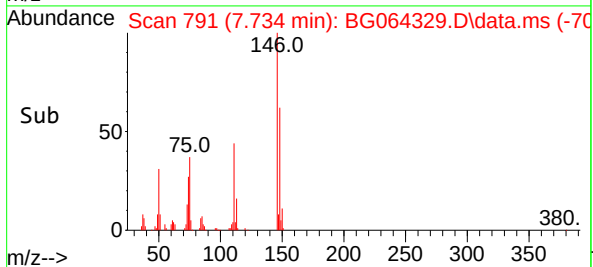
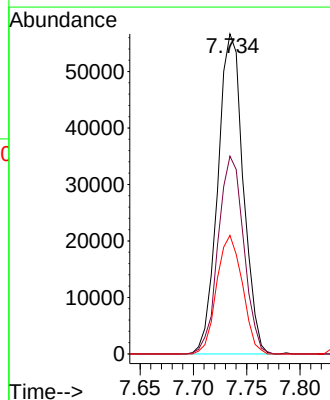
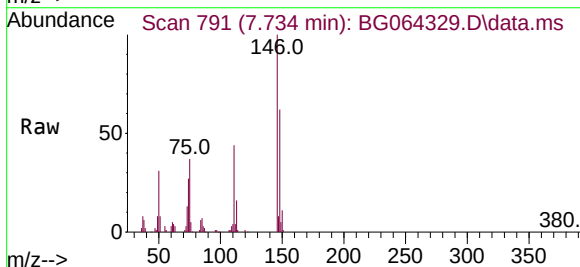
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

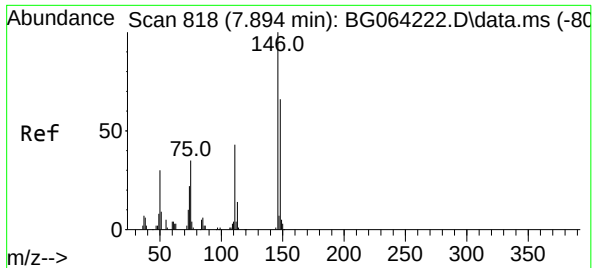
Tgt Ion: 93 Resp: 68392
 Ion Ratio Lower Upper
 93 100
 63 85.6 66.2 106.2
 95 32.4 9.8 49.8



#12
 1,3-Dichlorobenzene
 Concen: 46.815 ng
 RT: 7.734 min Scan# 791
 Delta R.T. -0.013 min
 Lab File: BG064329.D
 Acq: 10 Sep 2025 12:37

Tgt Ion:146 Resp: 93911
 Ion Ratio Lower Upper
 146 100
 148 61.8 49.6 74.4
 75 37.0 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 44.750 ng

RT: 7.881 min Scan# 81

Delta R.T. -0.013 min

Lab File: BG064329.D

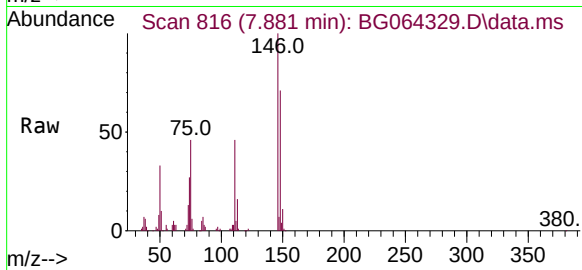
Acq: 10 Sep 2025 12:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



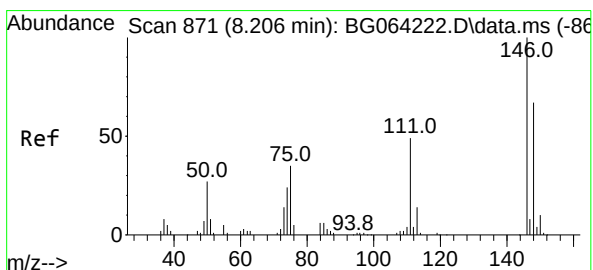
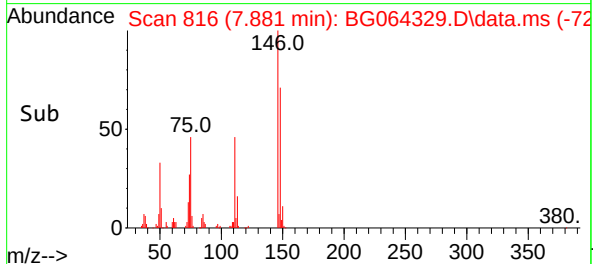
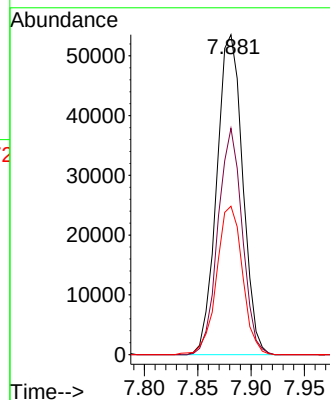
Tgt Ion:146 Resp: 90597

Ion Ratio Lower Upper

146 100

148 70.7 52.8 79.2

111 46.4 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 45.012 ng

RT: 8.198 min Scan# 870

Delta R.T. -0.013 min

Lab File: BG064329.D

Acq: 10 Sep 2025 12:37

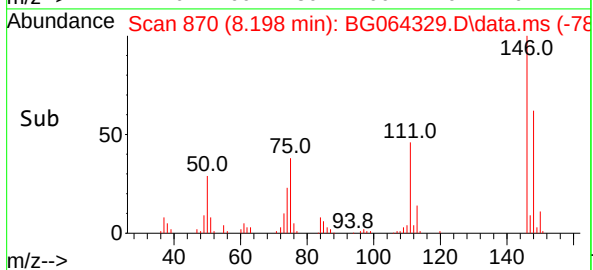
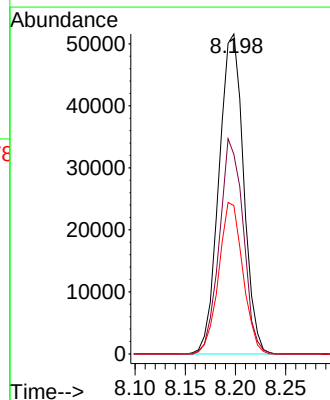
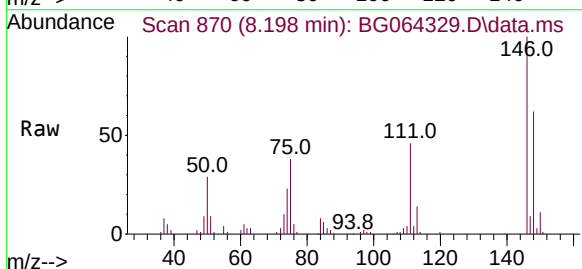
Tgt Ion:146 Resp: 87950

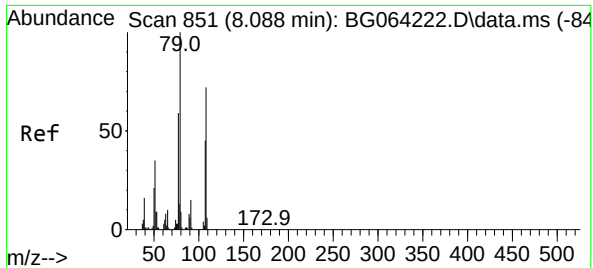
Ion Ratio Lower Upper

146 100

148 62.4 53.4 80.0

111 46.4 39.1 58.7





#15

Benzyl Alcohol

Concen: 43.649 ng

RT: 8.081 min Scan# 851

Delta R.T. -0.013 min

Lab File: BG064329.D

Acq: 10 Sep 2025 12:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

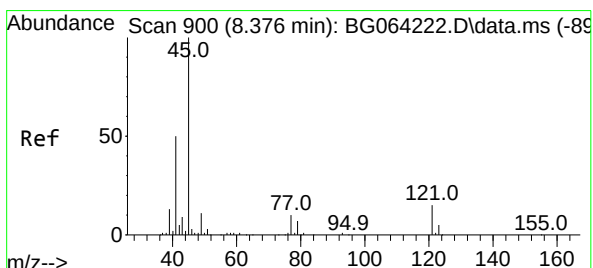
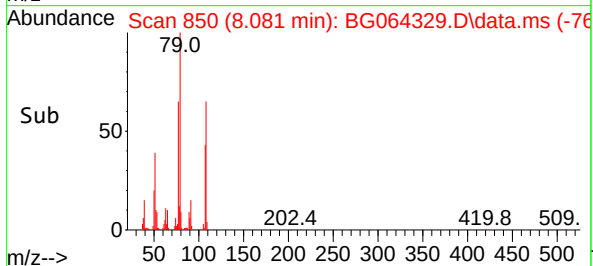
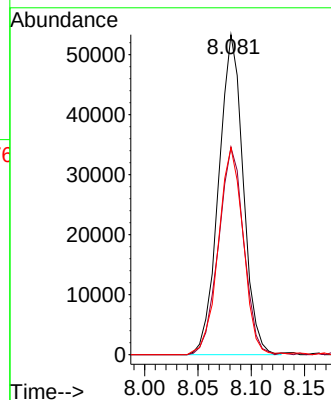
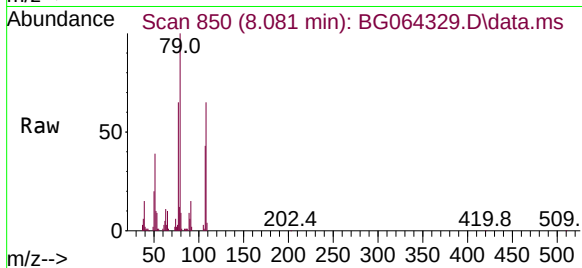
Tgt Ion: 79 Resp: 85391

Ion	Ratio	Lower	Upper

79	100		

108	64.8	57.4	86.0

77	64.7	47.2	70.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.139 ng

RT: 8.363 min Scan# 898

Delta R.T. -0.013 min

Lab File: BG064329.D

Acq: 10 Sep 2025 12:37

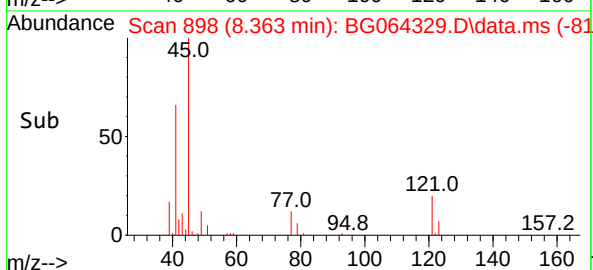
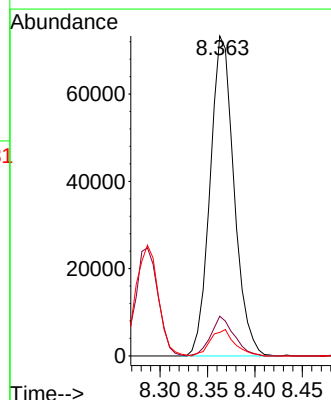
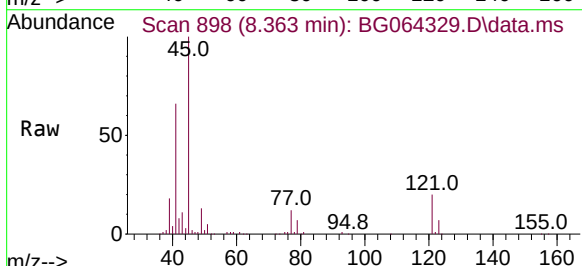
Tgt Ion: 45 Resp: 128872

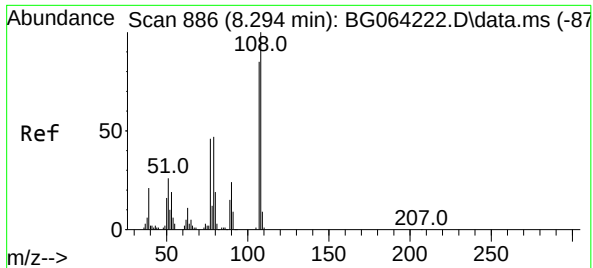
Ion	Ratio	Lower	Upper

45	100		

77	12.4	0.0	30.0

79	7.3	0.0	27.9

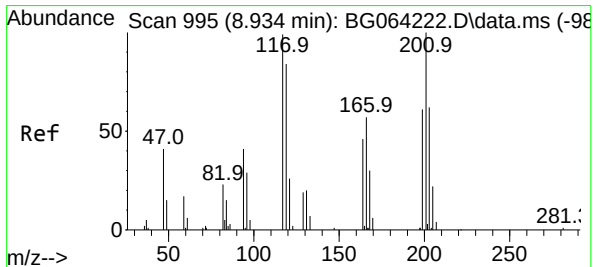
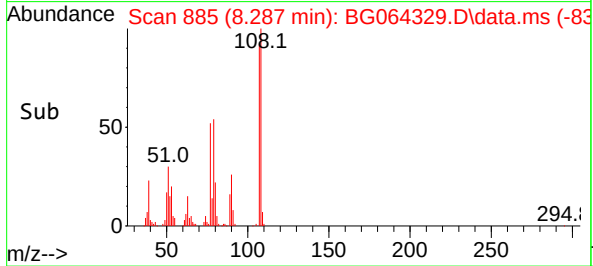
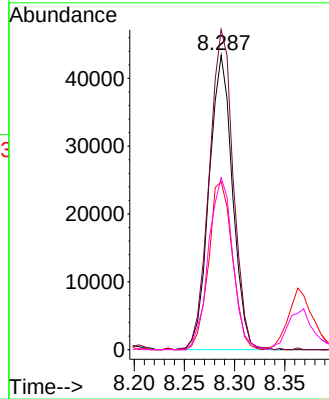
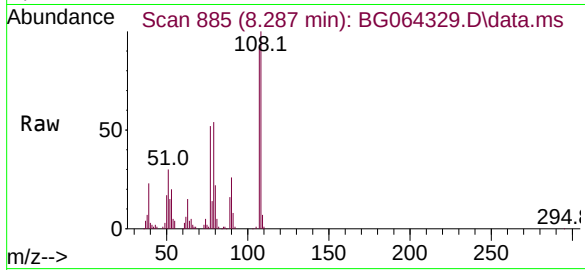




#17
2-Methylphenol
Concen: 40.428 ng
RT: 8.287 min Scan# 885
Delta R.T. -0.013 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

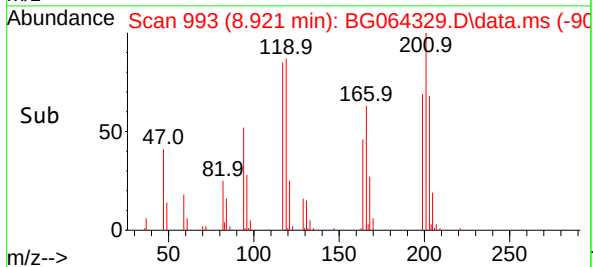
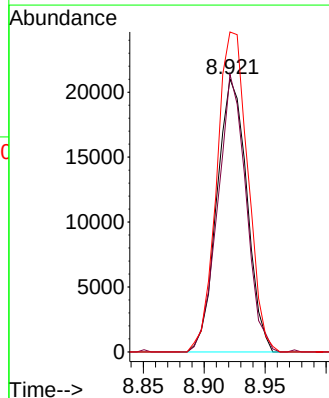
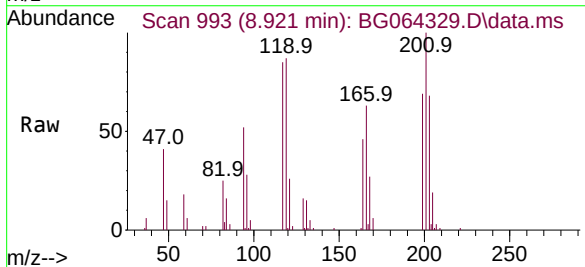
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

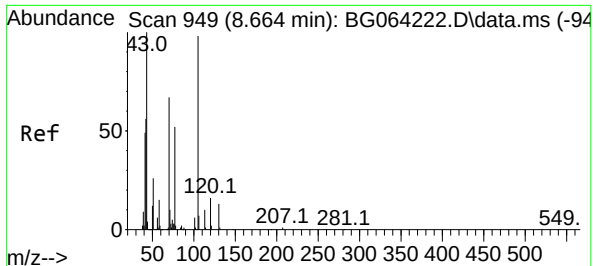
Tgt Ion:	107	Resp:	70422
Ion Ratio	Lower	Upper	
107	100		
108	108.7	94.6	141.8
77	57.0	43.7	65.5
79	58.4	44.6	67.0



#18
Hexachloroethane
Concen: 45.563 ng
RT: 8.921 min Scan# 993
Delta R.T. -0.013 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

Tgt Ion:	117	Resp:	36007
Ion Ratio	Lower	Upper	
117	100		
119	101.7	67.9	101.9
201	117.3	80.5	120.7





#19

n-Nitroso-di-n-propylamine

Concen: 38.609 ng

RT: 8.651 min Scan# 94

Delta R.T. -0.013 min

Lab File: BG064329.D

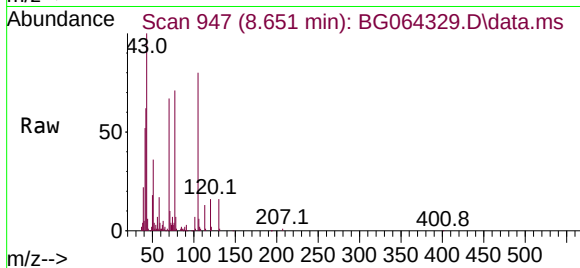
Acq: 10 Sep 2025 12:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 62640

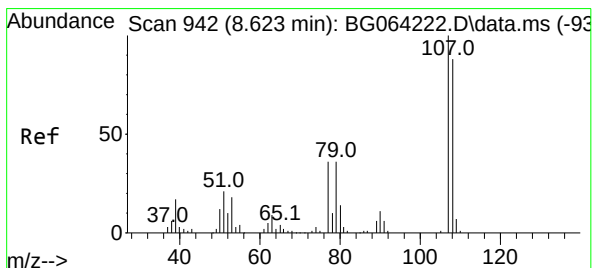
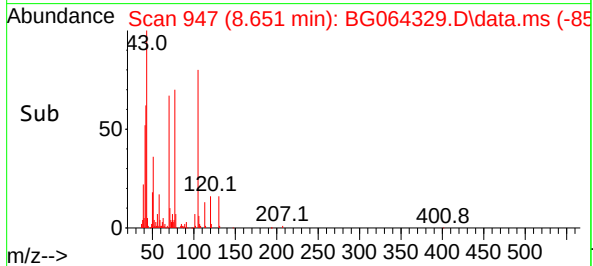
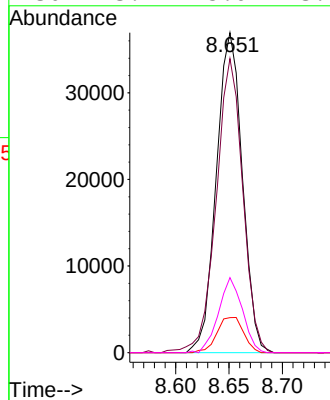
Ion Ratio Lower Upper

70 100

42 91.9 67.9 101.9

101 10.9 7.3 10.9#

130 23.4 15.6 23.4#



#20

3+4-Methylphenols

Concen: 39.525 ng

RT: 8.616 min Scan# 941

Delta R.T. -0.013 min

Lab File: BG064329.D

Acq: 10 Sep 2025 12:37

Tgt Ion: 107 Resp: 95664

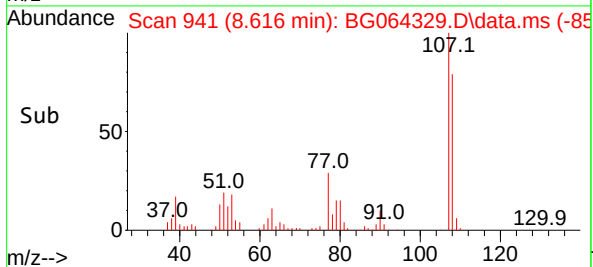
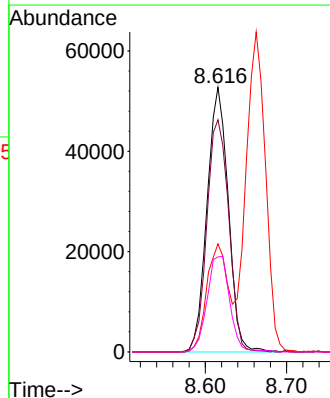
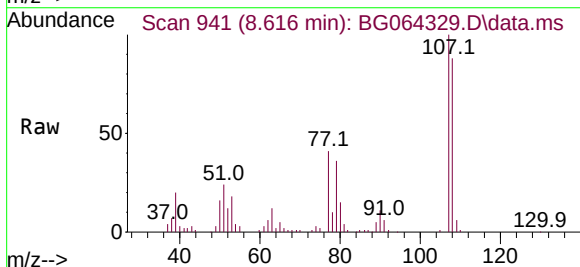
Ion Ratio Lower Upper

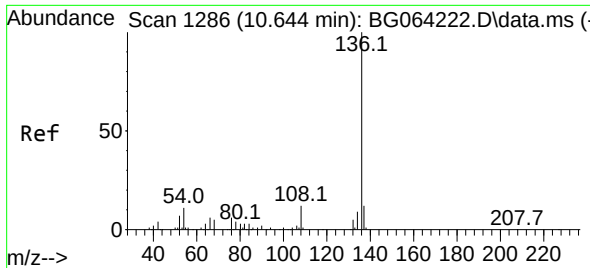
107 100

108 87.8 68.1 108.1

77 40.8 15.9 55.9

79 35.9 16.0 56.0

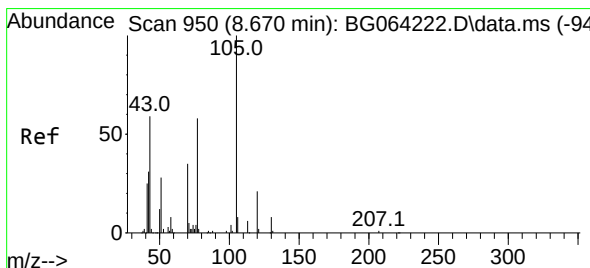
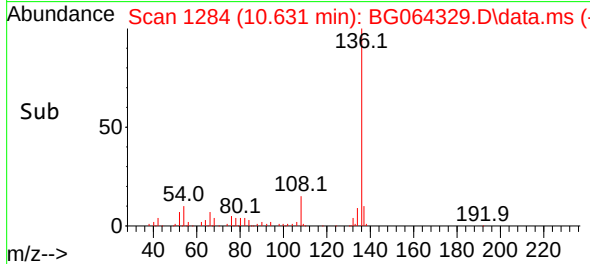
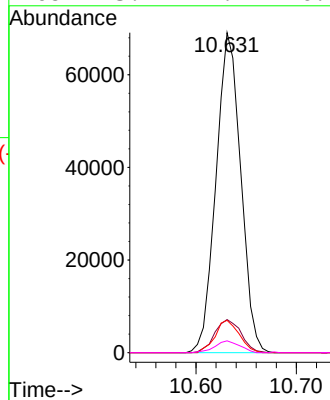
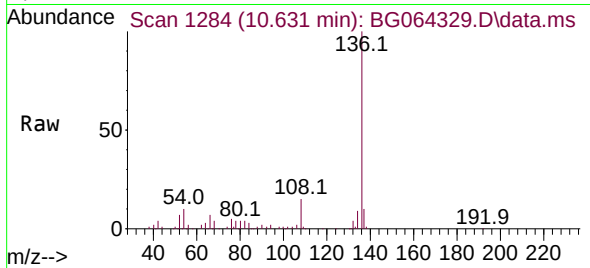




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.631 min Scan# 11
Delta R.T. -0.019 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

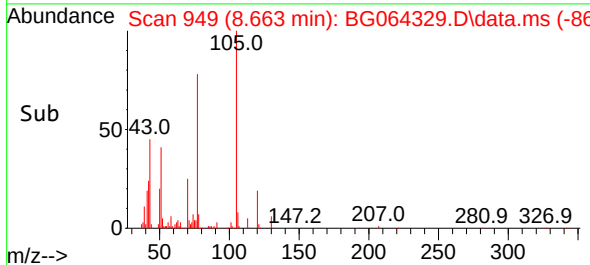
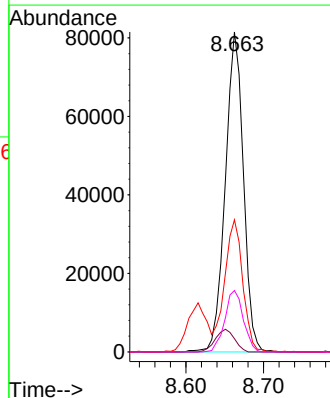
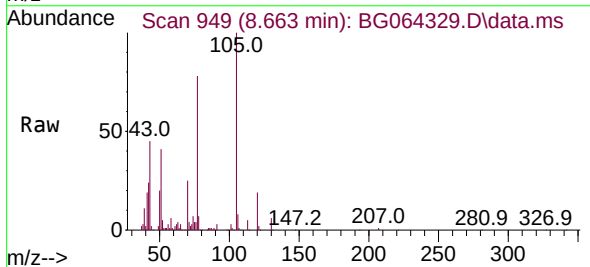
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

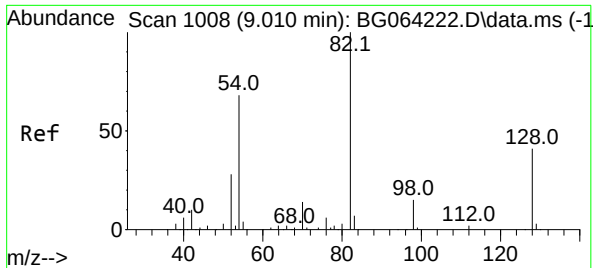
Tgt Ion:136 Resp: 118232
Ion Ratio Lower Upper
136 100
137 10.4 9.6 14.4
54 10.1 8.8 13.2
68 3.7 4.1 6.1#



#22
Acetophenone
Concen: 44.276 ng
RT: 8.663 min Scan# 949
Delta R.T. -0.013 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

Tgt Ion:105 Resp: 132436
Ion Ratio Lower Upper
105 100
71 4.1 4.3 6.5#
51 41.3 32.4 48.6
120 19.2 16.8 25.2





#23

Nitrobenzene-d5

Concen: 95.991 ng

RT: 8.997 min Scan# 1006

Delta R.T. -0.019 min

Lab File: BG064329.D

Acq: 10 Sep 2025 12:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

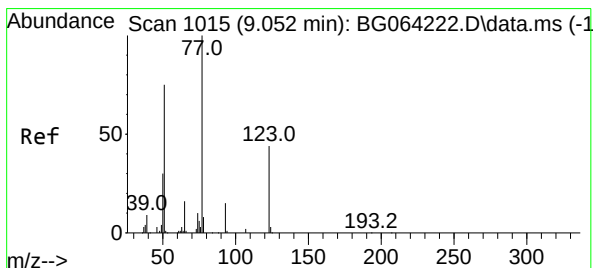
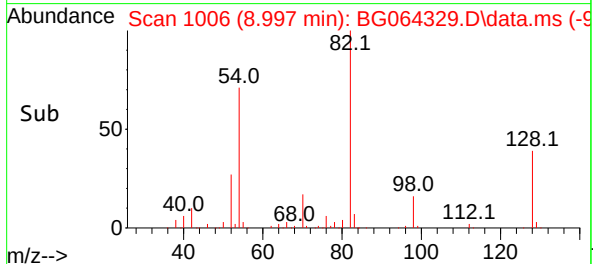
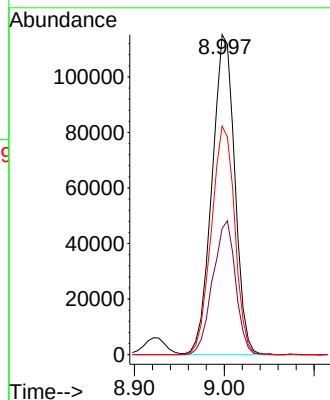
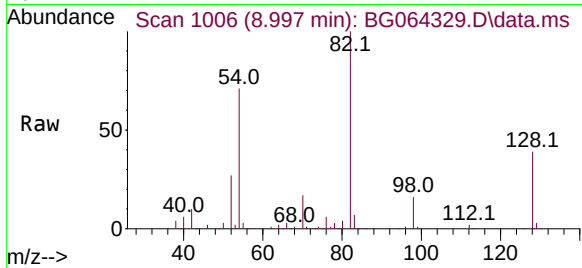
Tgt Ion: 82 Resp: 203499

Ion Ratio Lower Upper

82 100

128 39.4 32.6 48.8

54 71.4 54.7 82.1



#24

Nitrobenzene

Concen: 45.484 ng

RT: 9.044 min Scan# 1014

Delta R.T. -0.013 min

Lab File: BG064329.D

Acq: 10 Sep 2025 12:37

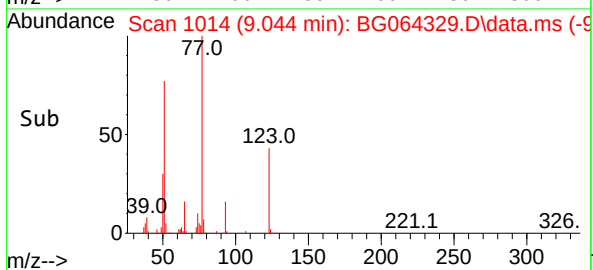
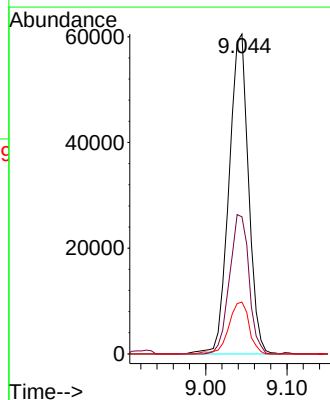
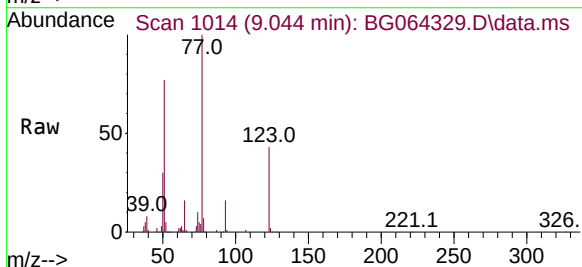
Tgt Ion: 77 Resp: 100745

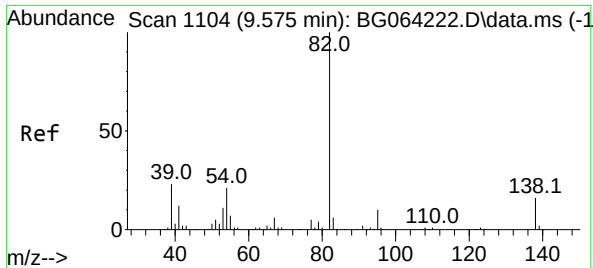
Ion Ratio Lower Upper

77 100

123 42.8 35.2 52.8

65 16.2 12.6 19.0

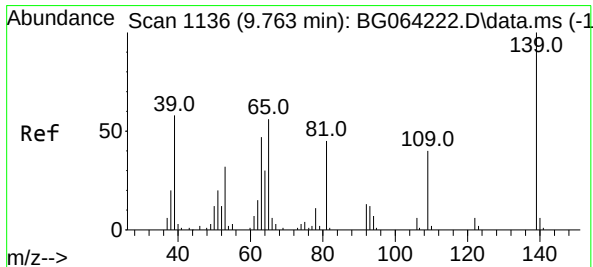
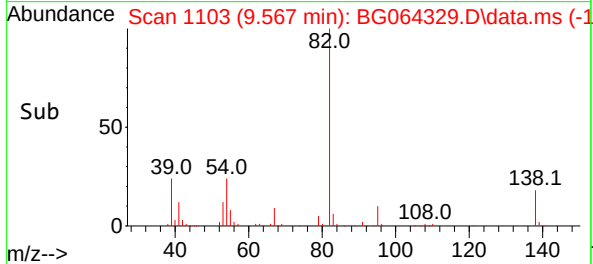
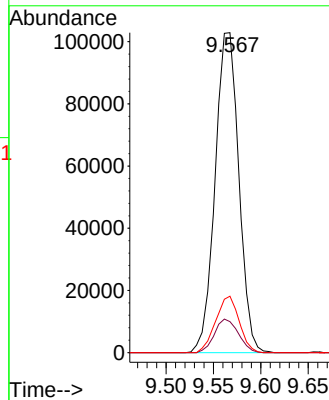
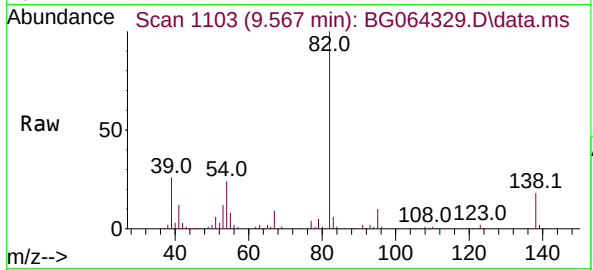




#25
Isophorone
Concen: 40.656 ng
RT: 9.567 min Scan# 1104
Delta R.T. -0.019 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

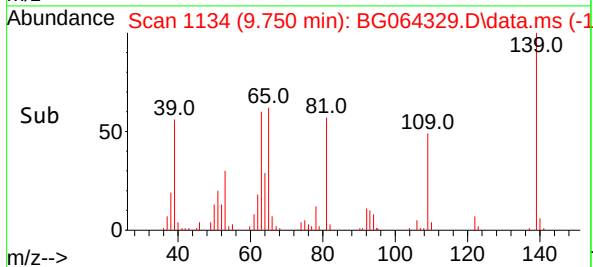
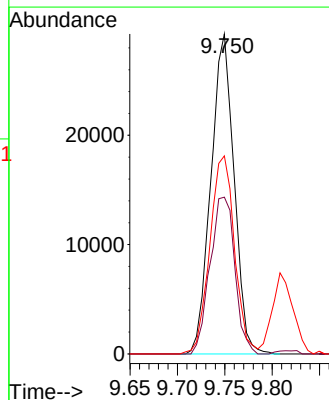
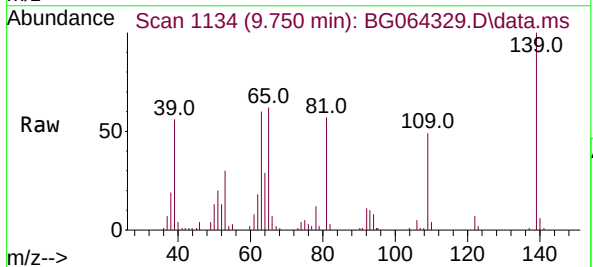
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

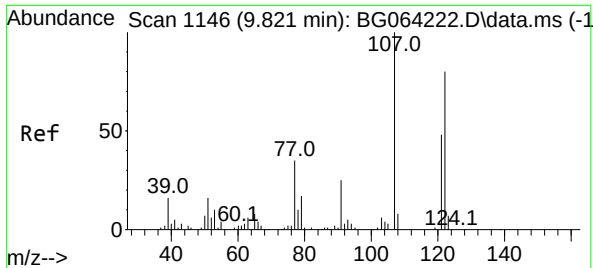
Tgt Ion: 82 Resp: 179132
Ion Ratio Lower Upper
82 100
95 9.7 7.9 11.9
138 17.6 13.0 19.4



#26
2-Nitrophenol
Concen: 51.905 ng
RT: 9.750 min Scan# 1134
Delta R.T. -0.013 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

Tgt Ion: 139 Resp: 49677
Ion Ratio Lower Upper
139 100
109 49.0 32.4 48.6#
65 61.9 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 44.523 ng

RT: 9.808 min Scan# 1144

Delta R.T. -0.019 min

Lab File: BG064329.D

Acq: 10 Sep 2025 12:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

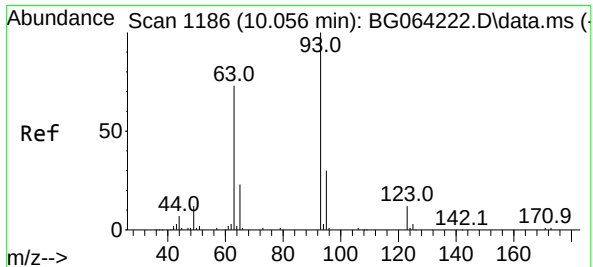
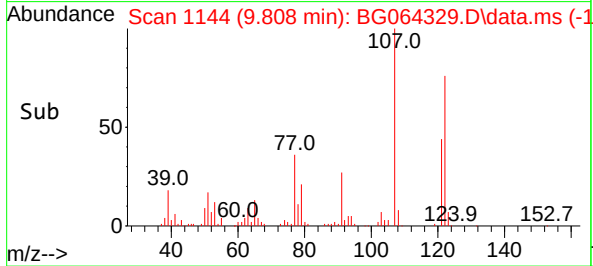
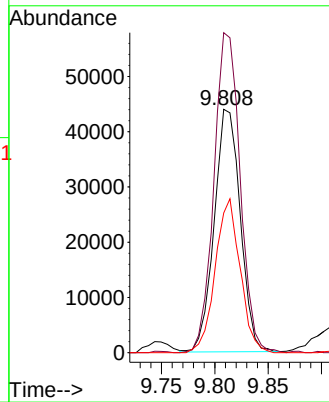
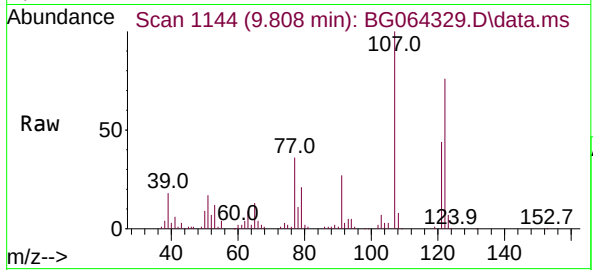
Tgt Ion:122 Resp: 74813

Ion Ratio Lower Upper

122 100

107 131.6 99.9 149.9

121 57.4 48.6 72.8



#28

bis(2-Chloroethoxy)methane

Concen: 40.218 ng

RT: 10.043 min Scan# 1184

Delta R.T. -0.019 min

Lab File: BG064329.D

Acq: 10 Sep 2025 12:37

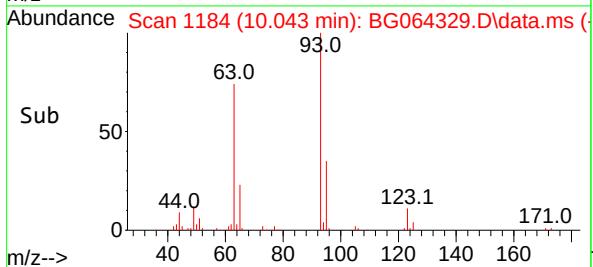
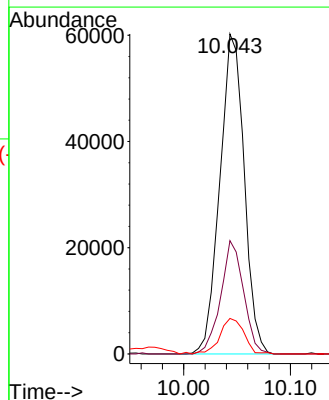
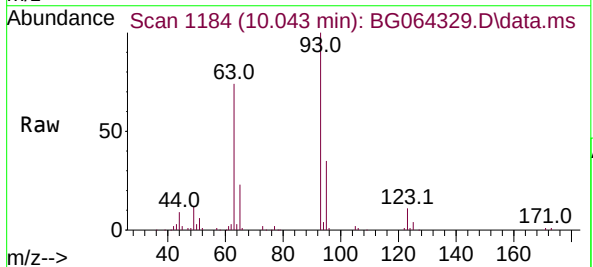
Tgt Ion: 93 Resp: 95549

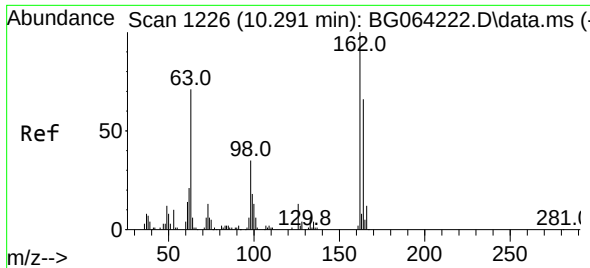
Ion Ratio Lower Upper

93 100

95 35.4 23.9 35.9

123 11.1 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 48.177 ng

RT: 10.284 min Scan# 1225

Delta R.T. -0.013 min

Lab File: BG064329.D

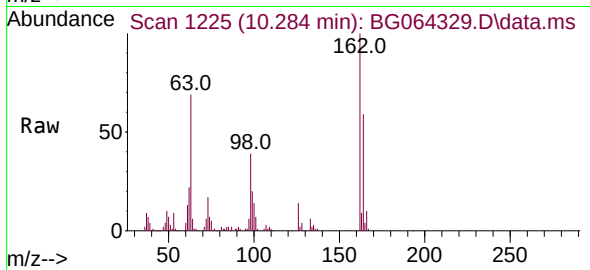
Acq: 10 Sep 2025 12:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



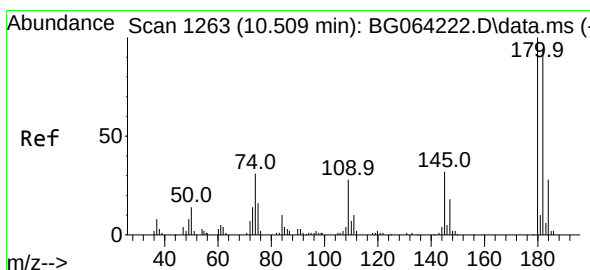
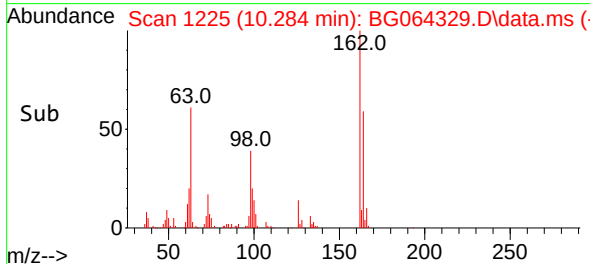
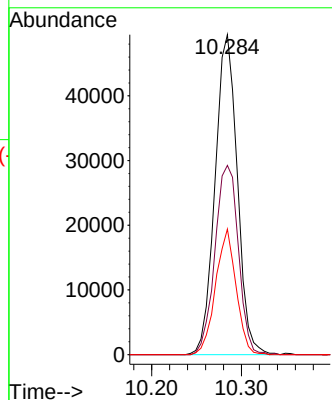
Tgt Ion:162 Resp: 85416

Ion Ratio Lower Upper

162 100

164 59.1 45.8 85.8

98 39.2 15.2 55.2



#30

1,2,4-Trichlorobenzene

Concen: 49.569 ng

RT: 10.496 min Scan# 1261

Delta R.T. -0.013 min

Lab File: BG064329.D

Acq: 10 Sep 2025 12:37

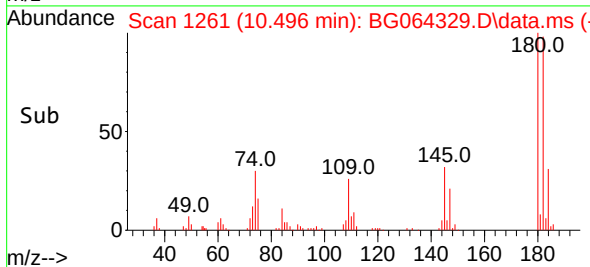
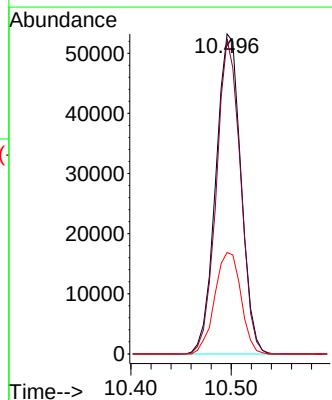
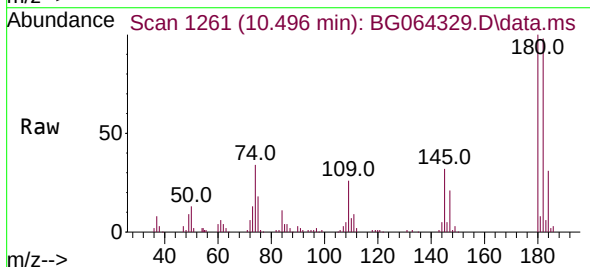
Tgt Ion:180 Resp: 92665

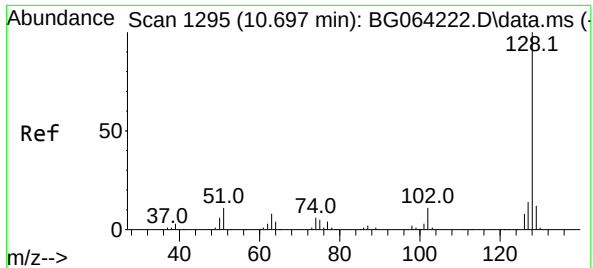
Ion Ratio Lower Upper

180 100

182 98.3 75.0 112.6

145 31.7 25.4 38.0

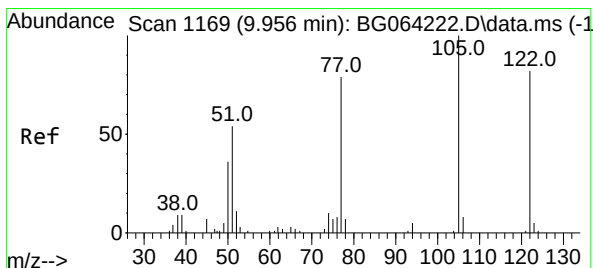
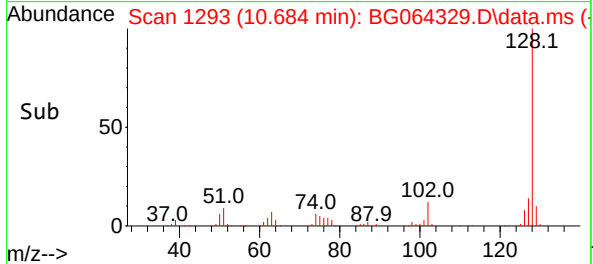
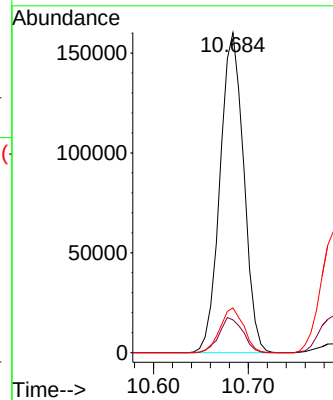
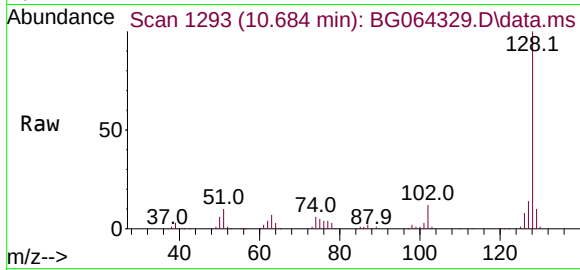




#31
Naphthalene
Concen: 45.253 ng
RT: 10.684 min Scan# 1172
Delta R.T. -0.013 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

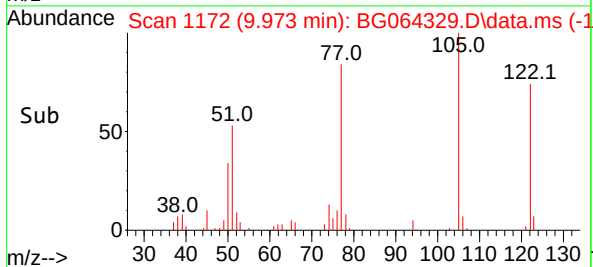
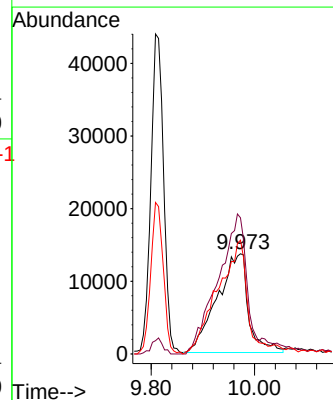
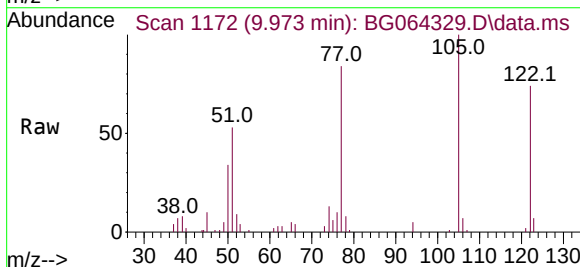
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

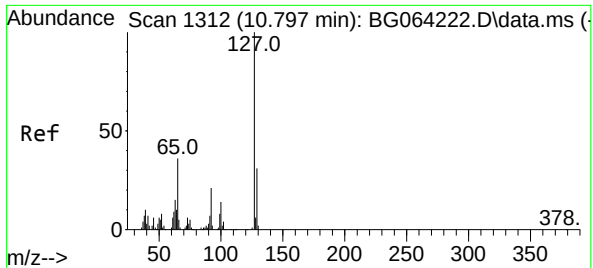
Tgt Ion:128 Resp: 277444
Ion Ratio Lower Upper
128 100
129 10.2 9.4 14.2
127 14.0 10.9 16.3



#32
Benzoic acid
Concen: 42.899 ng
RT: 9.973 min Scan# 1172
Delta R.T. -0.043 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

Tgt Ion:122 Resp: 57220
Ion Ratio Lower Upper
122 100
105 135.9 98.5 138.5
77 113.6 74.6 114.6

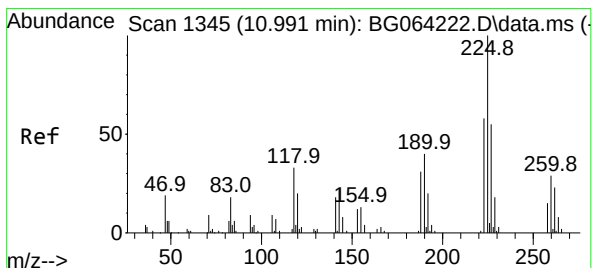
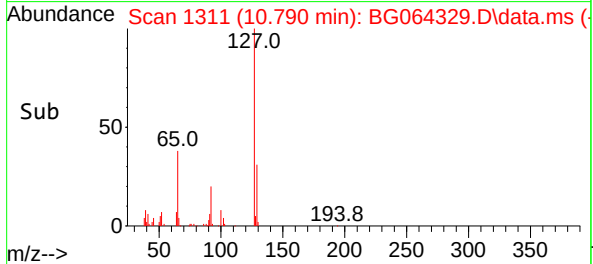
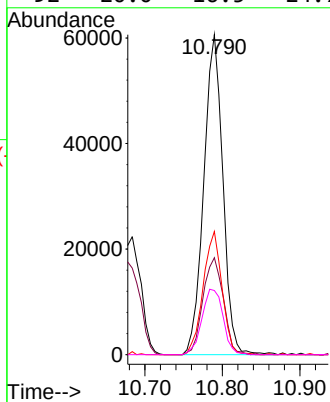
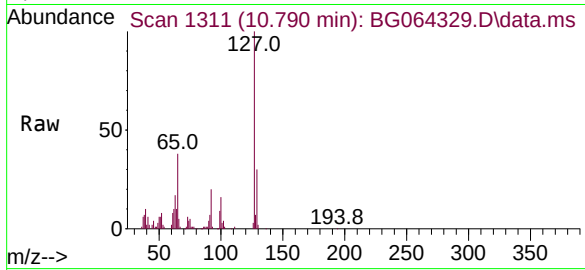




#33
4-Chloroaniline
Concen: 43.602 ng
RT: 10.790 min Scan# 1311
Delta R.T. -0.013 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

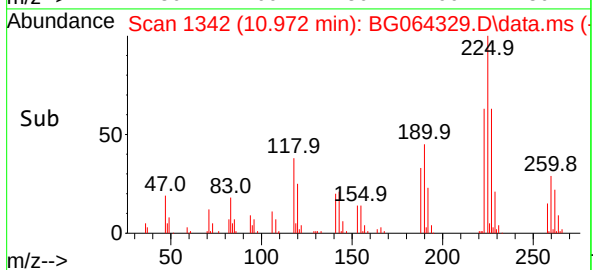
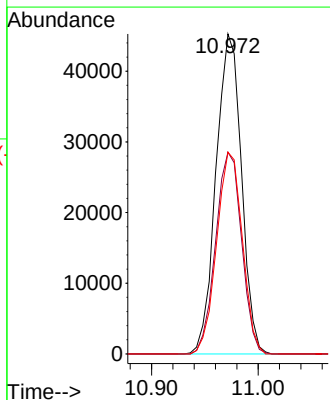
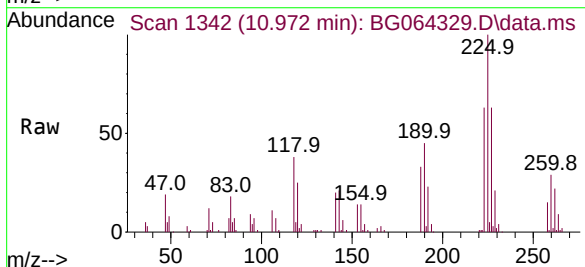
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

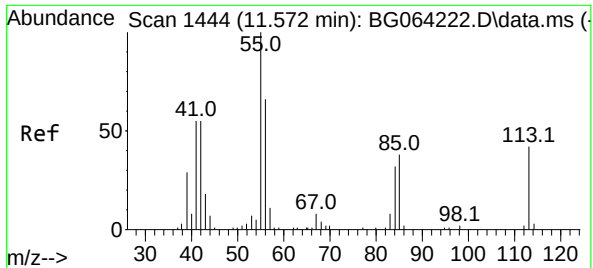
Tgt Ion:	127	Resp:	103610
Ion	Ratio	Lower	Upper
127	100		
129	30.3	25.0	37.4
65	38.5	28.7	43.1
92	20.0	16.5	24.7



#34
Hexachlorobutadiene
Concen: 54.285 ng
RT: 10.972 min Scan# 1342
Delta R.T. -0.019 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

Tgt Ion:	225	Resp:	75014
Ion	Ratio	Lower	Upper
225	100		
223	63.0	46.5	69.7
227	63.0	44.1	66.1

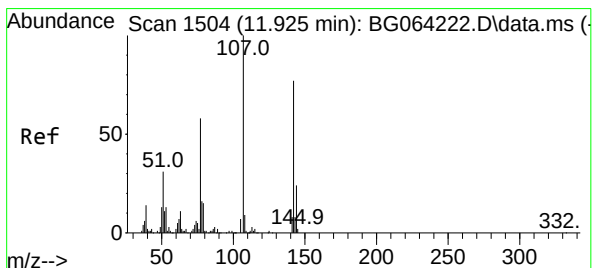
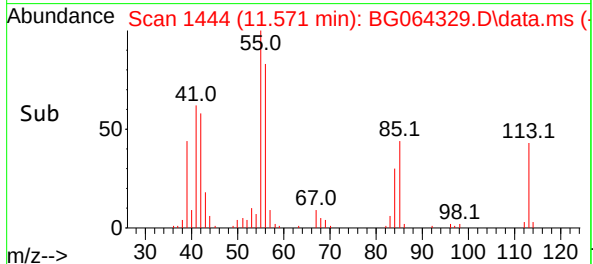
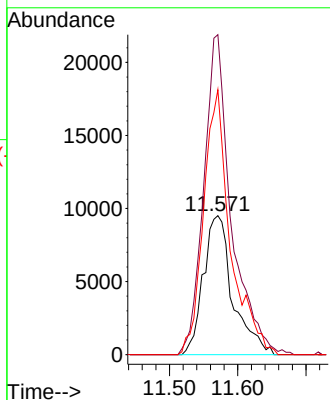
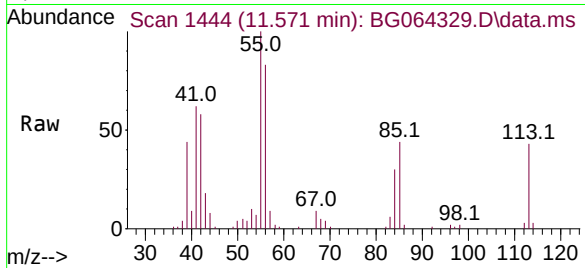




#35
Caprolactam
Concen: 41.365 ng
RT: 11.571 min Scan# 1444
Delta R.T. -0.031 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

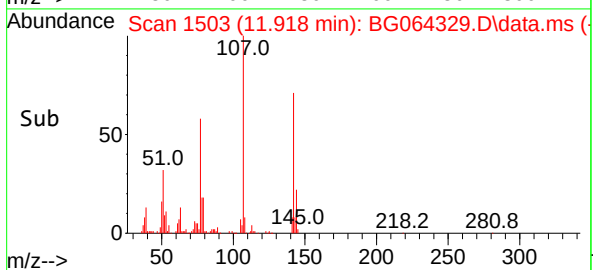
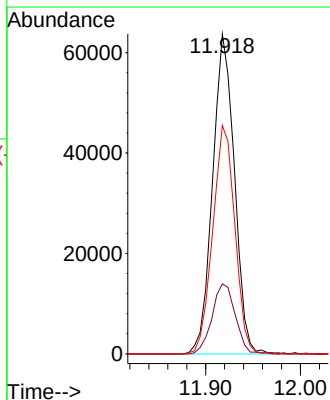
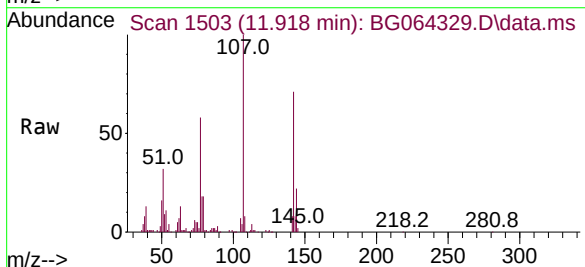
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

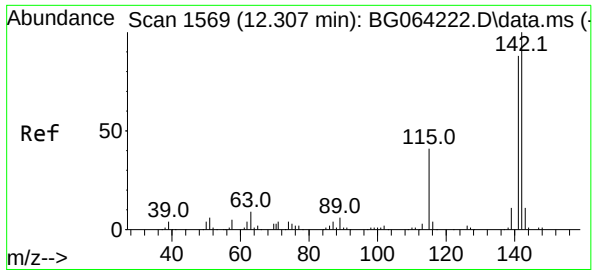
Tgt Ion	Ratio	Lower	Upper
113	100		
55	230.2	218.5	258.5
56	190.5	138.5	178.5



#36
4-Chloro-3-methylphenol
Concen: 44.248 ng
RT: 11.918 min Scan# 1503
Delta R.T. -0.013 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.9	19.5	29.3
142	71.4	62.0	93.0

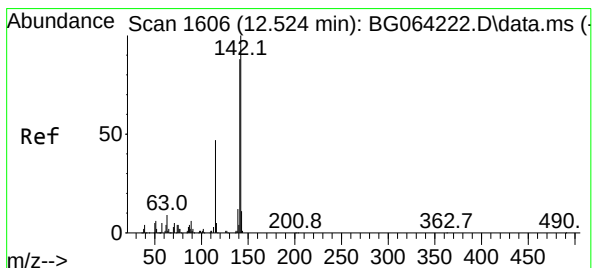
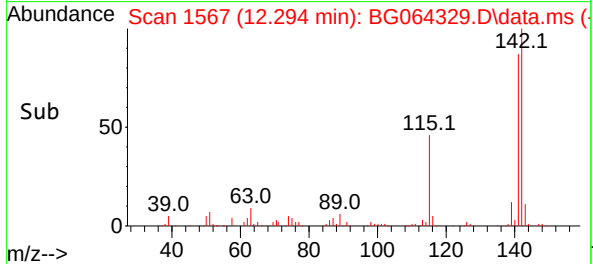
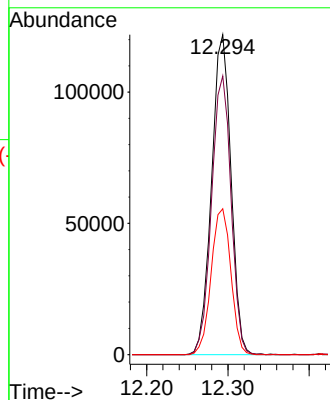
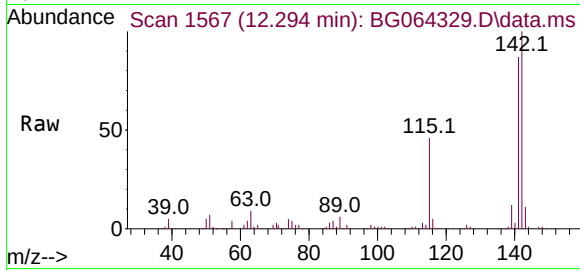




#37
2-Methylnaphthalene
Concen: 44.408 ng
RT: 12.294 min Scan# 1567
Delta R.T. -0.013 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

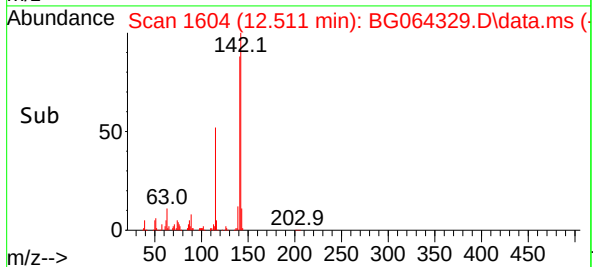
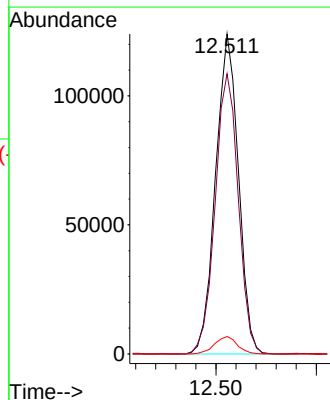
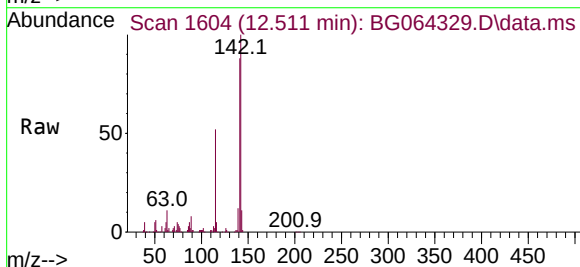
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

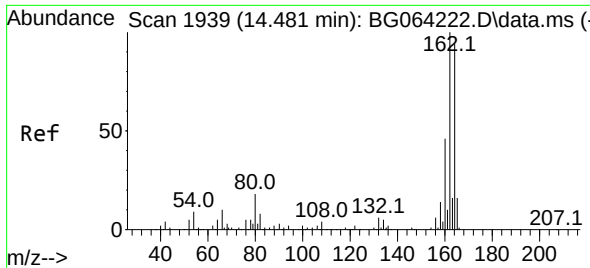
Tgt Ion:142 Resp: 202376
Ion Ratio Lower Upper
142 100
141 87.1 70.1 105.1
115 45.6 33.1 49.7



#38
1-Methylnaphthalene
Concen: 43.542 ng
RT: 12.511 min Scan# 1604
Delta R.T. -0.013 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

Tgt Ion:142 Resp: 195992
Ion Ratio Lower Upper
142 100
141 87.5 70.3 105.5
116 5.4 3.7 5.5

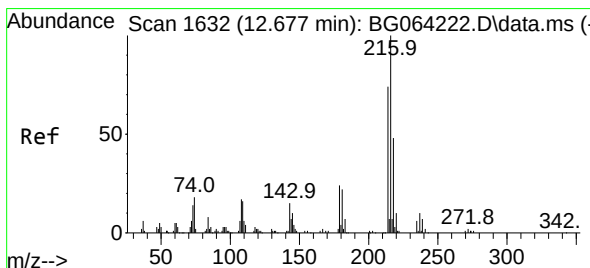
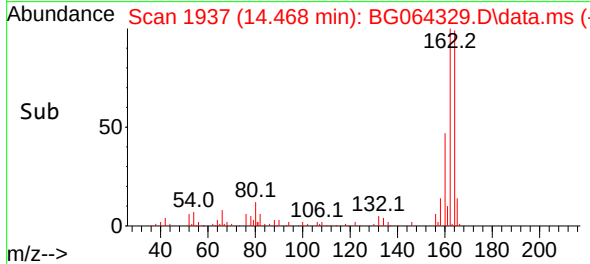
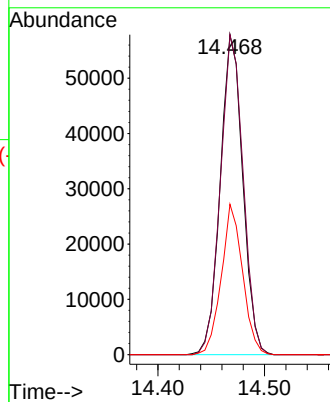
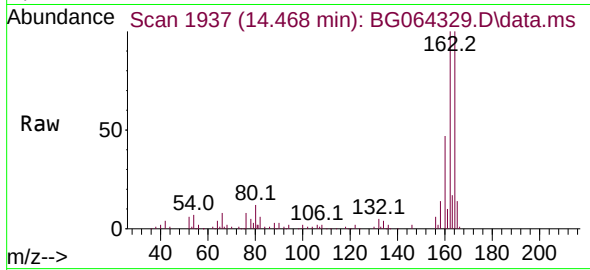




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.468 min Scan# 1939
Delta R.T. -0.013 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

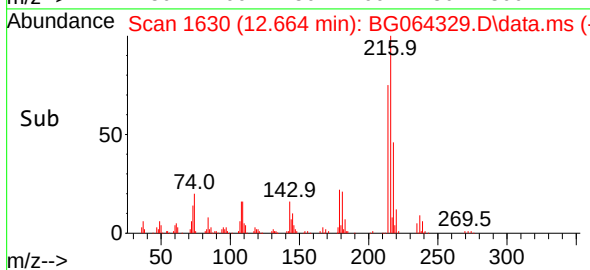
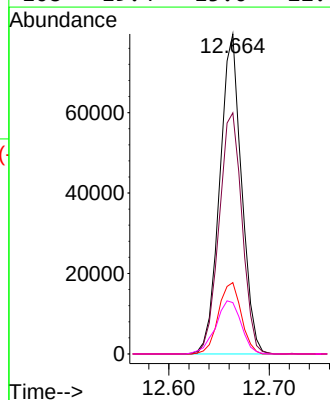
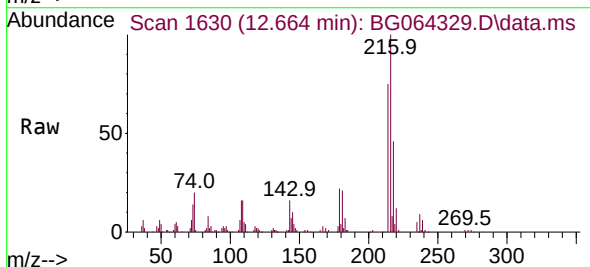
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

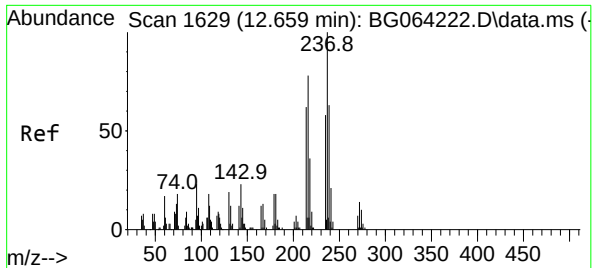
Tgt Ion:	164	Resp:	85027
Ion Ratio	Lower	Upper	
164	100		
162	99.9	85.4	128.0
160	47.0	39.2	58.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.941 ng
RT: 12.664 min Scan# 1630
Delta R.T. -0.013 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

Tgt Ion:	216	Resp:	120067
Ion Ratio	Lower	Upper	
216	100		
214	79.2	61.9	92.9
179	23.3	17.9	26.9
108	19.4	15.0	22.4

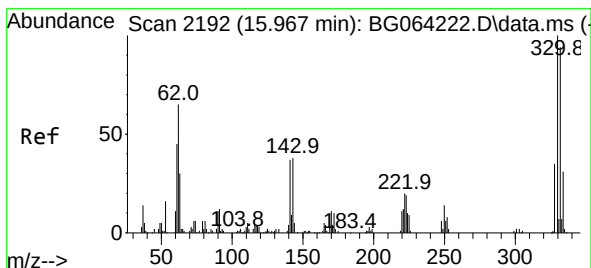
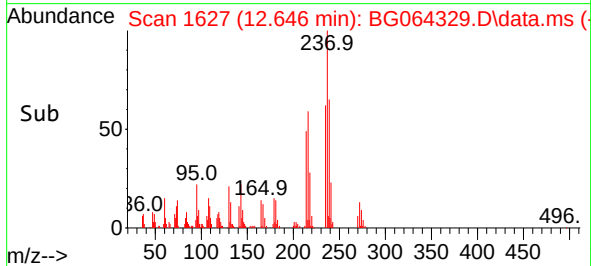
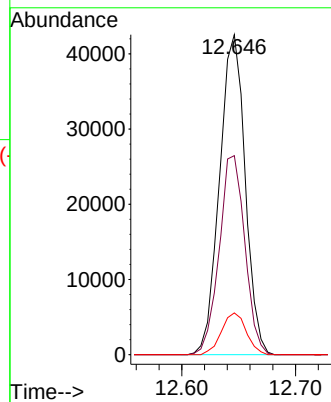
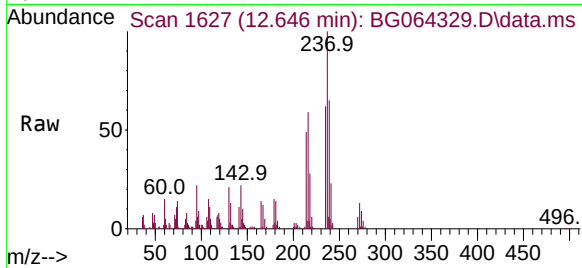




#41
Hexachlorocyclopentadiene
Concen: 57.081 ng
RT: 12.646 min Scan# 1627
Delta R.T. -0.013 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

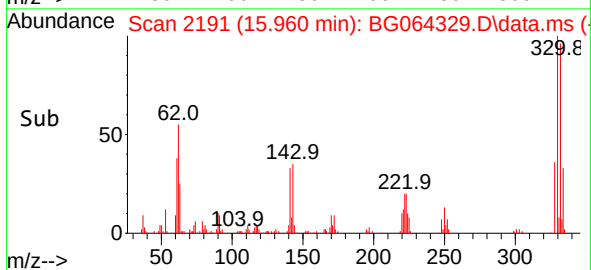
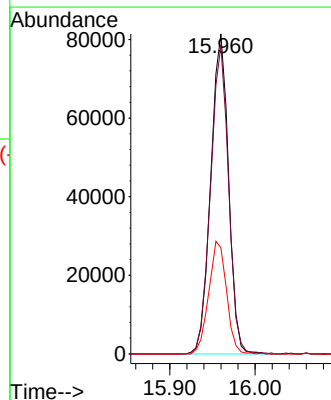
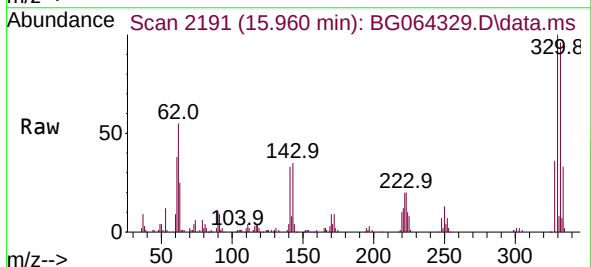
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

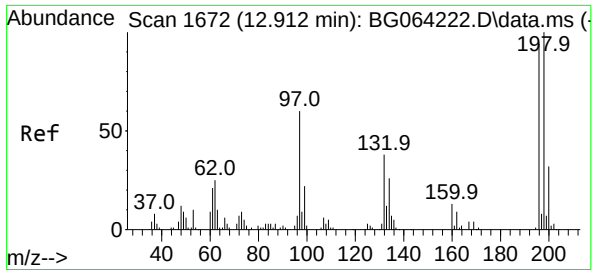
Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.2	37.9	77.9
272	13.0	0.0	33.8



#42
2,4,6-Tribromophenol
Concen: 104.547 ng
RT: 15.960 min Scan# 2191
Delta R.T. -0.013 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.6	116.4
141	35.3	29.8	44.6

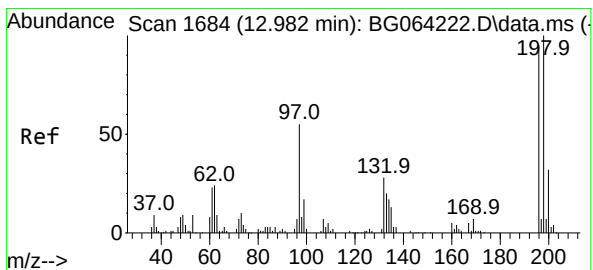
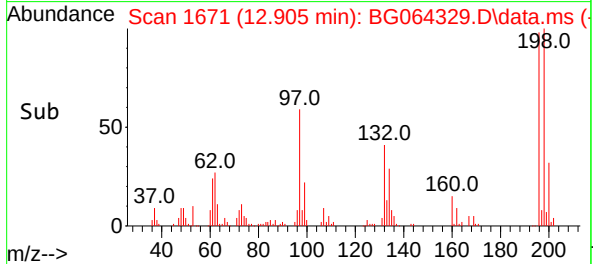
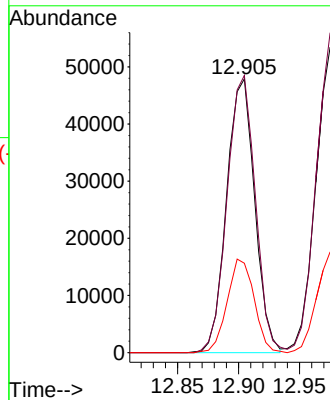
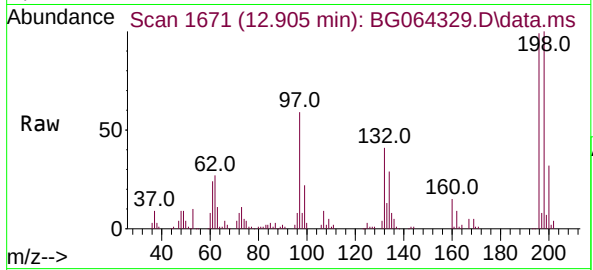




#43
2,4,6-Trichlorophenol
Concen: 46.908 ng
RT: 12.905 min Scan# 1671
Delta R.T. -0.007 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

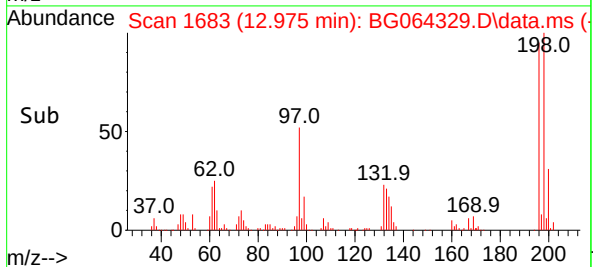
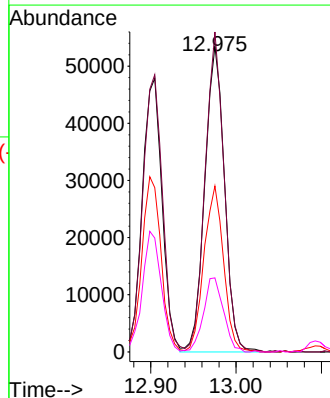
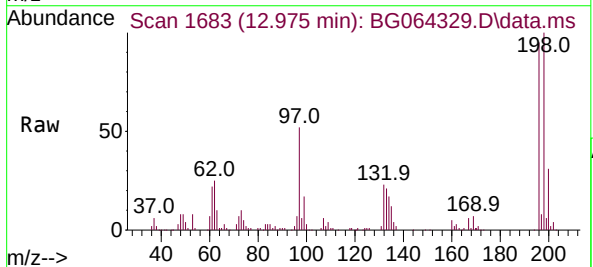
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

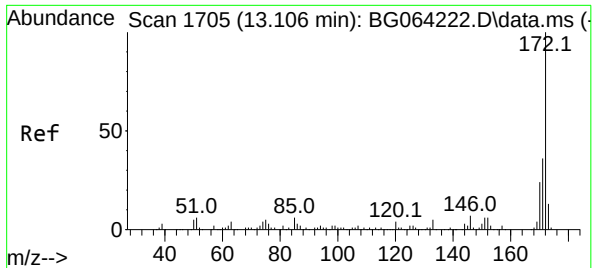
Tgt Ion:196 Resp: 76918
Ion Ratio Lower Upper
196 100
198 101.2 85.4 128.2
200 32.6 27.3 40.9



#44
2,4,5-Trichlorophenol
Concen: 48.326 ng
RT: 12.975 min Scan# 1683
Delta R.T. -0.013 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

Tgt Ion:196 Resp: 85960
Ion Ratio Lower Upper
196 100
198 104.7 84.5 126.7
97 54.3 46.8 70.2
132 24.2 23.4 35.2

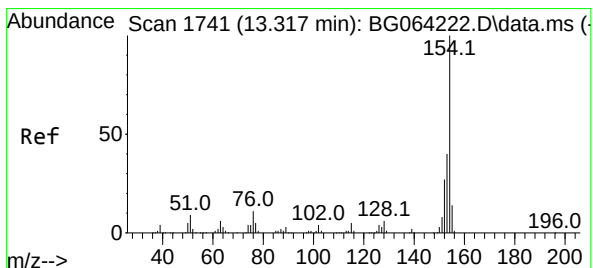
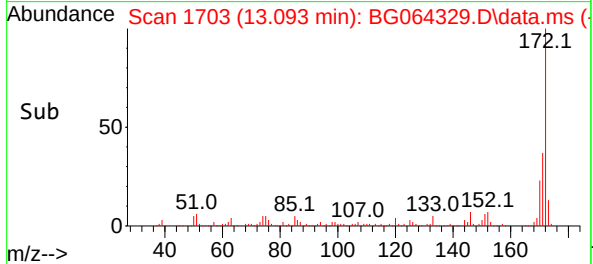
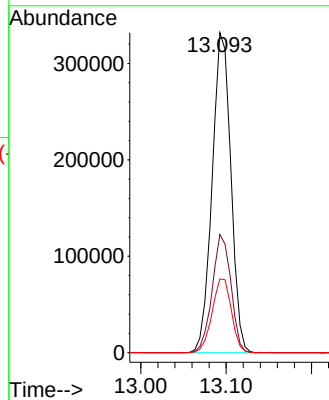
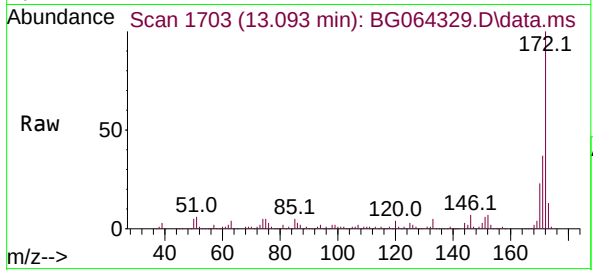




#45
2-Fluorobiphenyl
Concen: 90.758 ng
RT: 13.093 min Scan# 1705
Delta R.T. -0.019 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

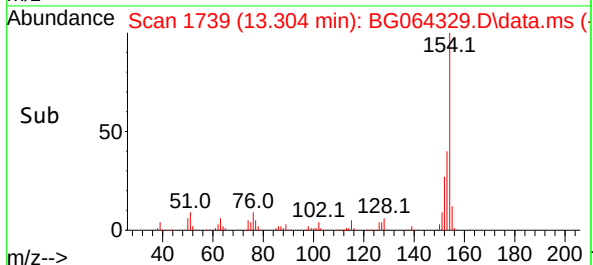
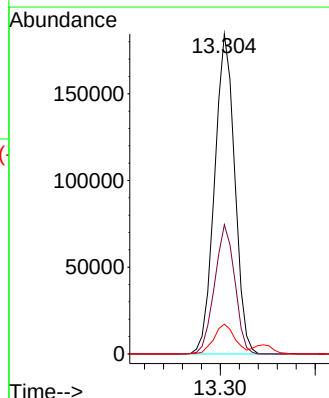
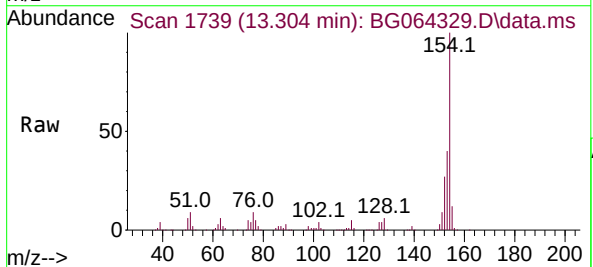
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

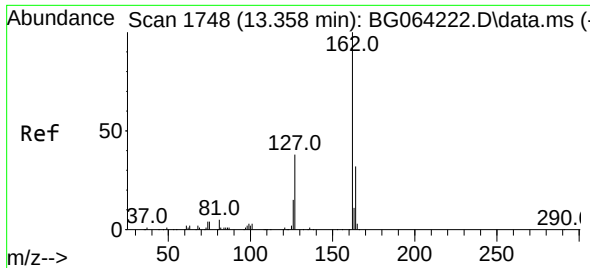
Tgt Ion:172 Resp: 505576
Ion Ratio Lower Upper
172 100
171 36.9 28.7 43.1
170 23.0 19.0 28.6



#46
1,1'-Biphenyl
Concen: 43.857 ng
RT: 13.304 min Scan# 1739
Delta R.T. -0.013 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

Tgt Ion:154 Resp: 271604
Ion Ratio Lower Upper
154 100
153 40.4 19.9 59.9
76 9.3 0.0 30.9

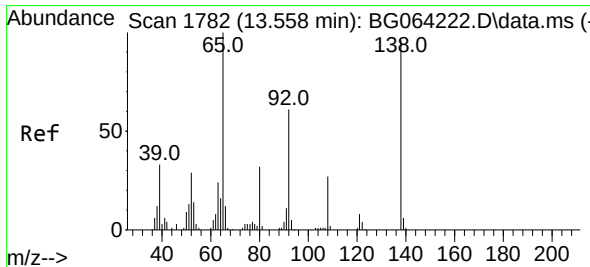
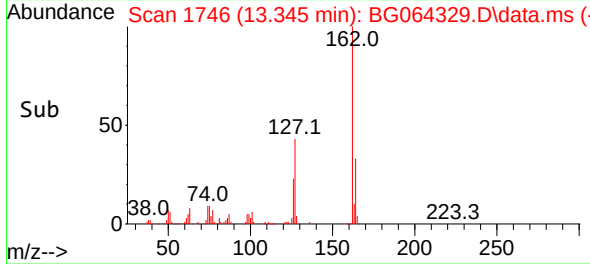
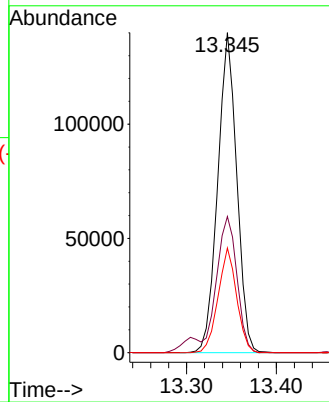
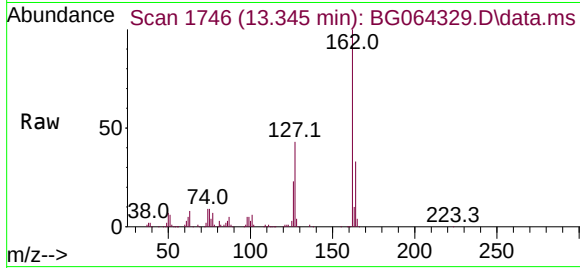




#47
2-Chloronaphthalene
Concen: 44.436 ng
RT: 13.345 min Scan# 1746
Delta R.T. -0.013 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

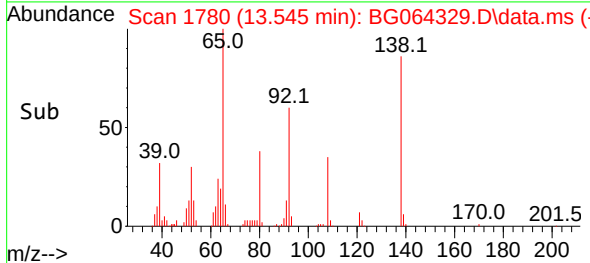
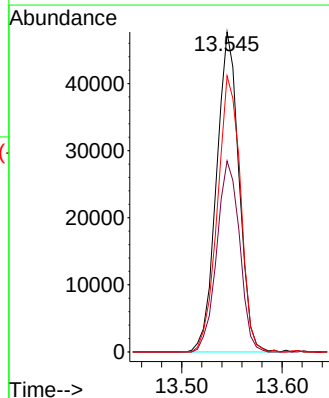
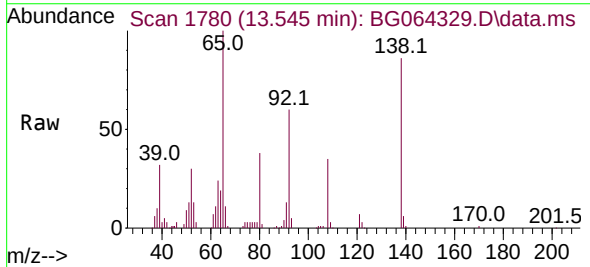
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

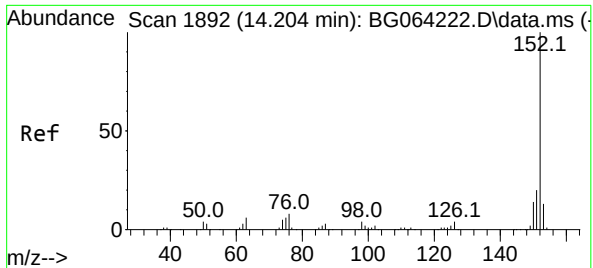
Tgt Ion:162 Resp: 206883
Ion Ratio Lower Upper
162 100
127 42.5 33.9 50.9
164 32.7 25.4 38.2



#48
2-Nitroaniline
Concen: 46.837 ng
RT: 13.545 min Scan# 1780
Delta R.T. -0.019 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

Tgt Ion: 65 Resp: 74324
Ion Ratio Lower Upper
65 100
92 59.7 49.2 73.8
138 86.3 76.8 115.2





#49

Acenaphthylene

Concen: 44.231 ng

RT: 14.191 min Scan# 1892

Delta R.T. -0.013 min

Lab File: BG064329.D

Acq: 10 Sep 2025 12:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

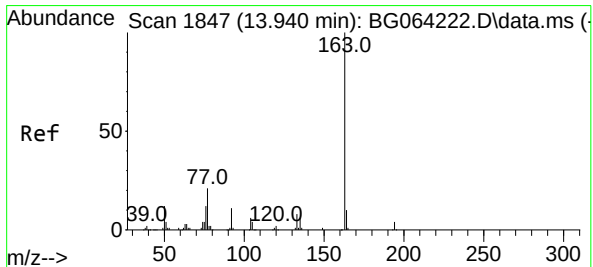
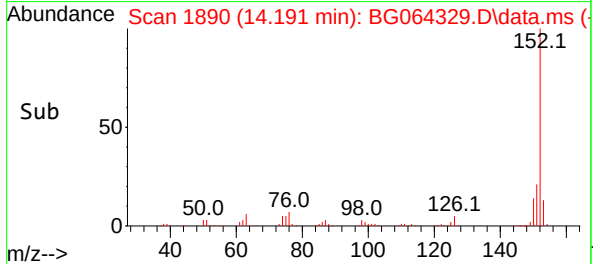
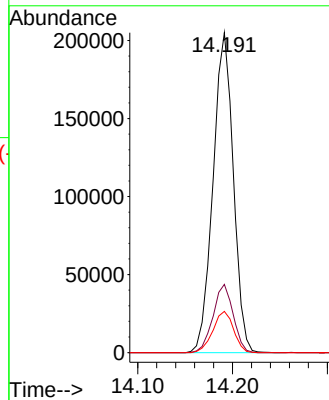
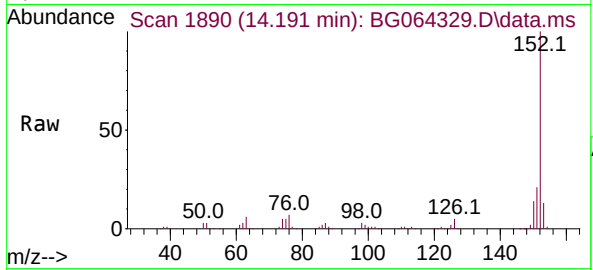
Tgt Ion:152 Resp: 304412

Ion Ratio Lower Upper

152 100

151 21.3 16.2 24.2

153 12.9 10.1 15.1



#50

Dimethylphthalate

Concen: 43.141 ng

RT: 13.927 min Scan# 1845

Delta R.T. -0.019 min

Lab File: BG064329.D

Acq: 10 Sep 2025 12:37

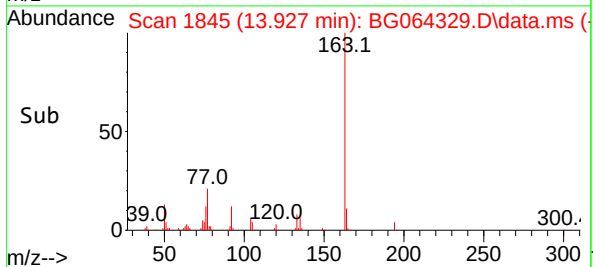
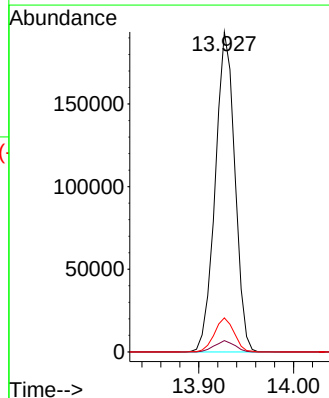
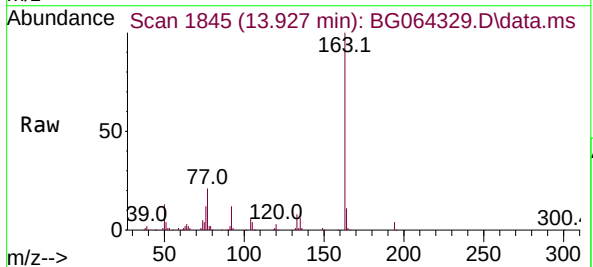
Tgt Ion:163 Resp: 277648

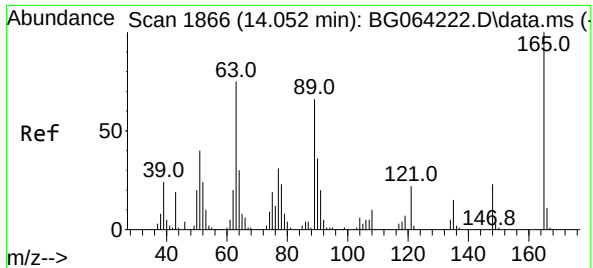
Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

164 10.6 7.9 11.9

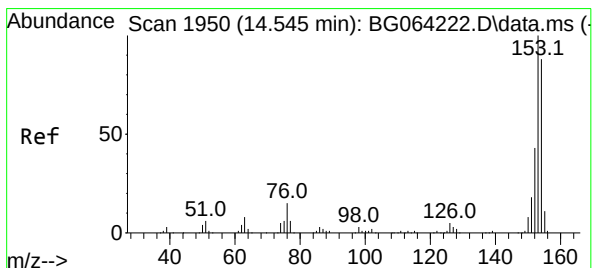
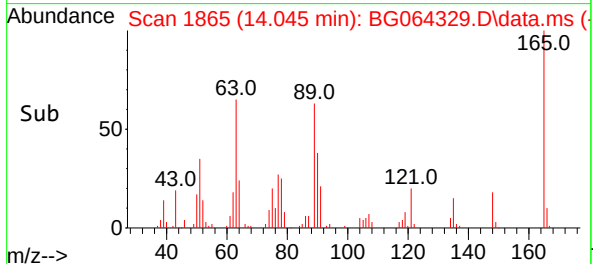
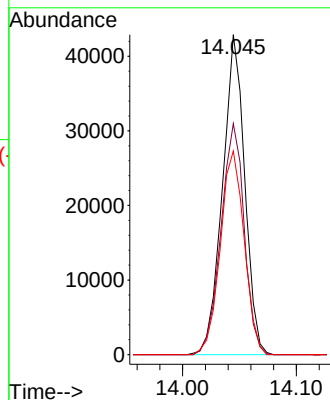
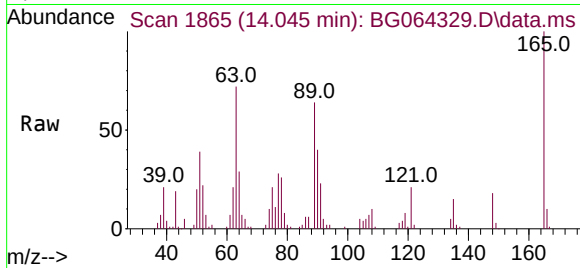




#51
2,6-Dinitrotoluene
Concen: 46.591 ng
RT: 14.045 min Scan# 1865
Delta R.T. -0.013 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

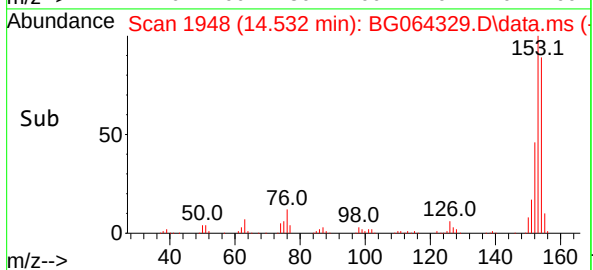
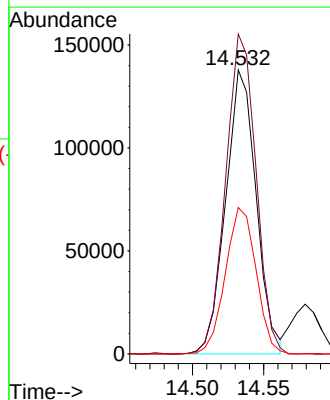
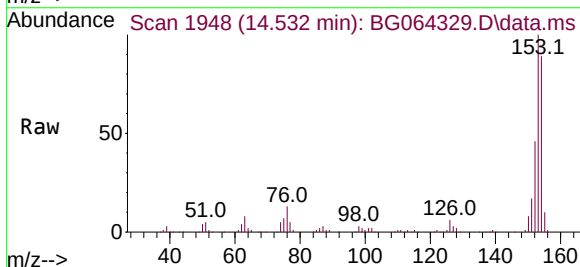
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

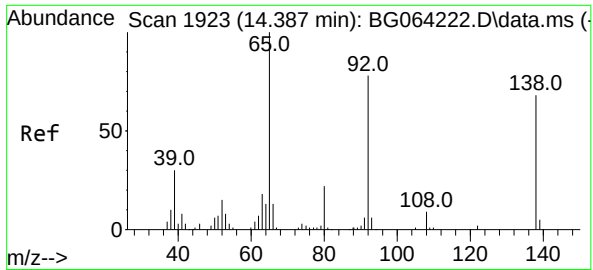
Tgt Ion	165	Resp	58050
Ion Ratio	Lower	Upper	
165	100		
63	72.2	60.3	90.5
89	63.6	52.9	79.3



#52
Acenaphthene
Concen: 42.413 ng
RT: 14.532 min Scan# 1948
Delta R.T. -0.019 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

Tgt Ion	154	Resp	205996
Ion Ratio	Lower	Upper	
154	100		
153	112.7	91.1	136.7
152	51.5	39.6	59.4

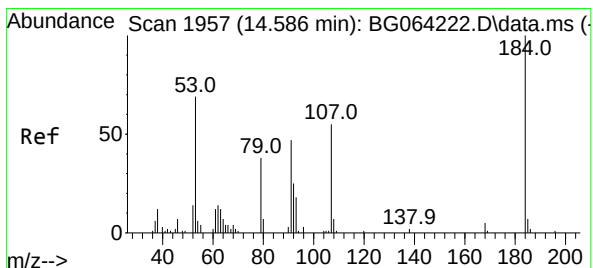
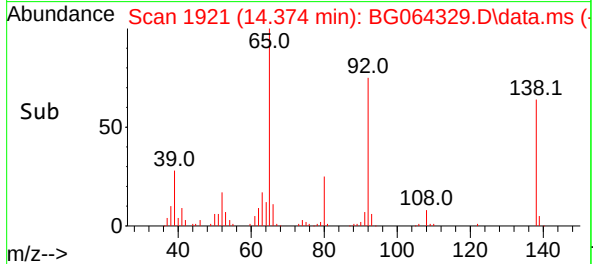
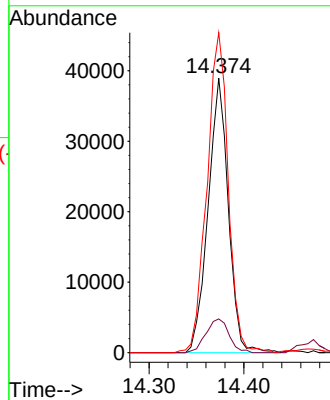
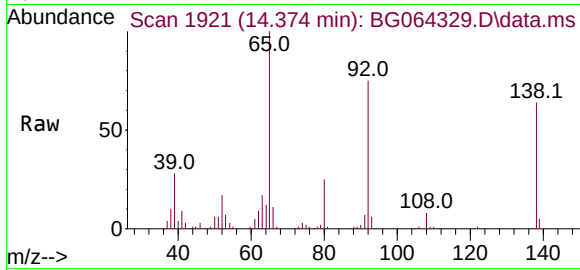




#53
3-Nitroaniline
Concen: 44.176 ng
RT: 14.374 min Scan# 1921
Delta R.T. -0.013 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

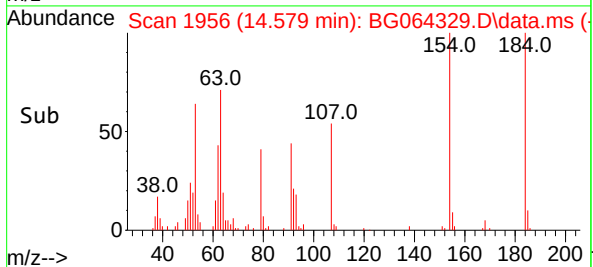
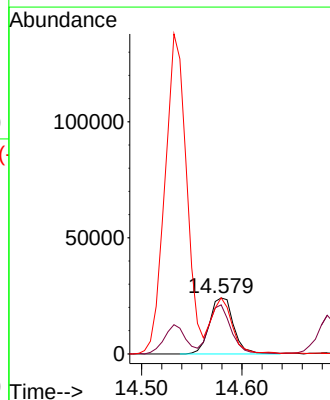
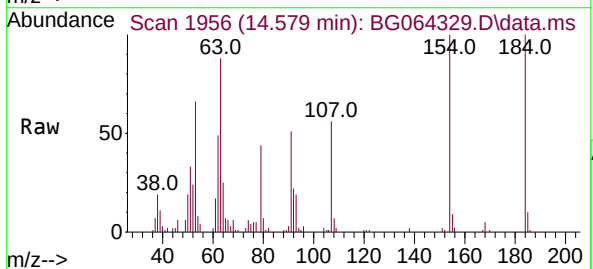
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

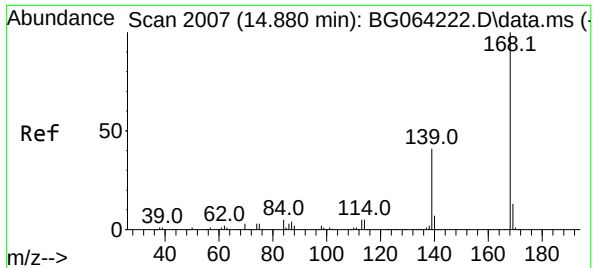
Tgt Ion	Ratio	Lower	Upper
138	100		
108	12.3	11.0	16.6
92	116.6	91.4	137.0



#54
2,4-Dinitrophenol
Concen: 51.371 ng
RT: 14.579 min Scan# 1956
Delta R.T. -0.013 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

Tgt Ion	Ratio	Lower	Upper
184	100		
63	87.8	60.1	90.1
154	100.4	59.8	89.8





#55

Dibenzenofuran

Concen: 43.587 ng

RT: 14.867 min Scan# 2007

Delta R.T. -0.013 min

Lab File: BG064329.D

Acq: 10 Sep 2025 12:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

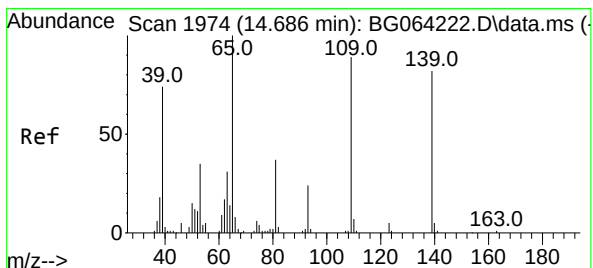
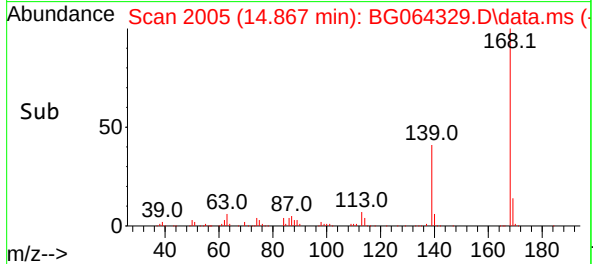
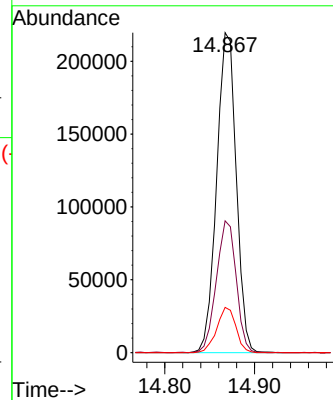
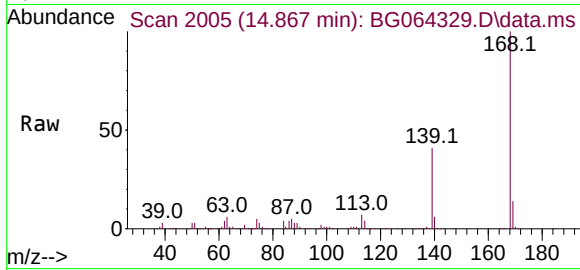
Tgt Ion:168 Resp: 332983

Ion Ratio Lower Upper

168 100

139 41.2 33.2 49.8

169 14.1 10.4 15.6



#56

4-Nitrophenol

Concen: 45.798 ng

RT: 14.685 min Scan# 1974

Delta R.T. -0.013 min

Lab File: BG064329.D

Acq: 10 Sep 2025 12:37

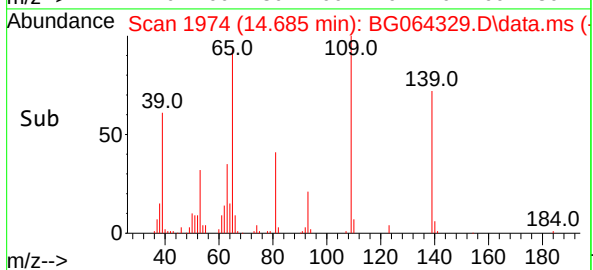
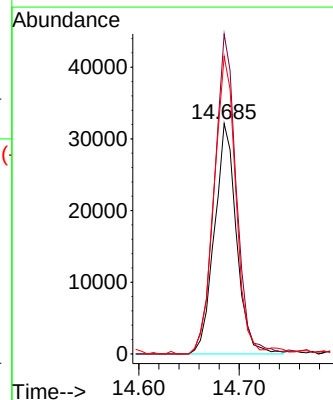
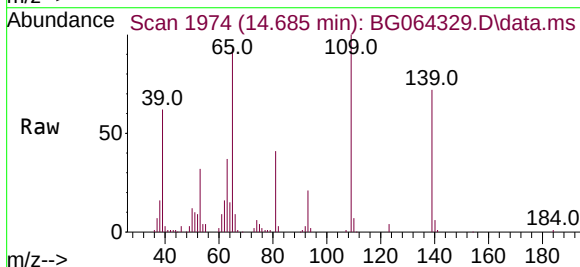
Tgt Ion:139 Resp: 49030

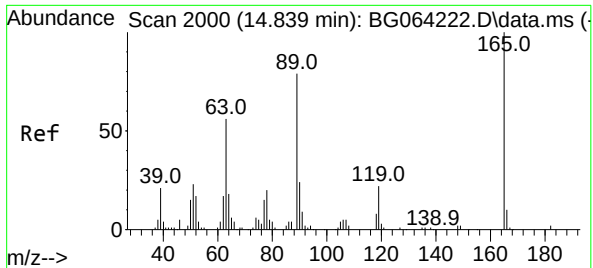
Ion Ratio Lower Upper

139 100

109 138.9 89.1 129.1#

65 129.2 102.9 142.9

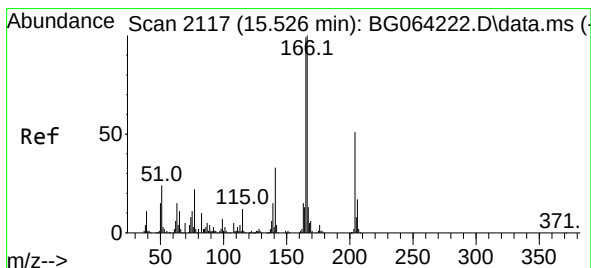
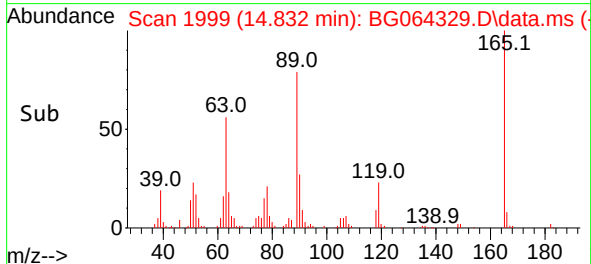
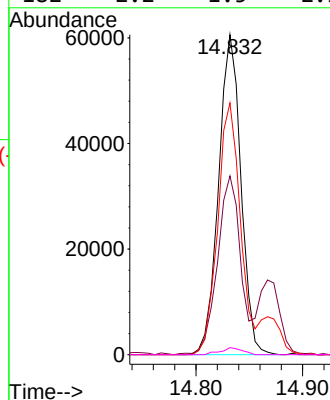
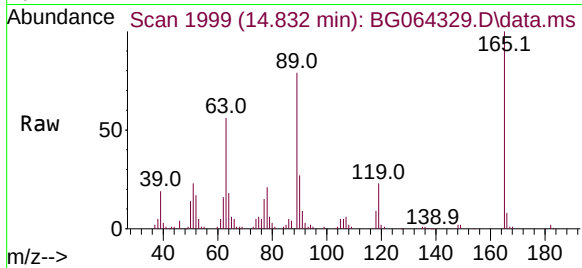




#57
2,4-Dinitrotoluene
Concen: 46.867 ng
RT: 14.832 min Scan# 1999
Delta R.T. -0.013 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

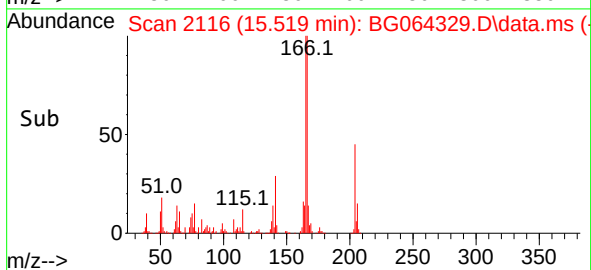
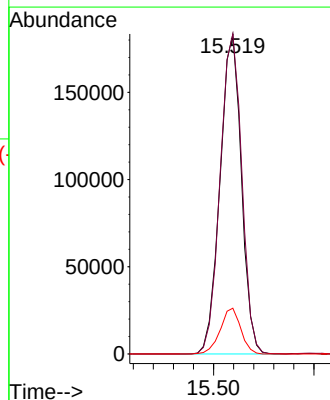
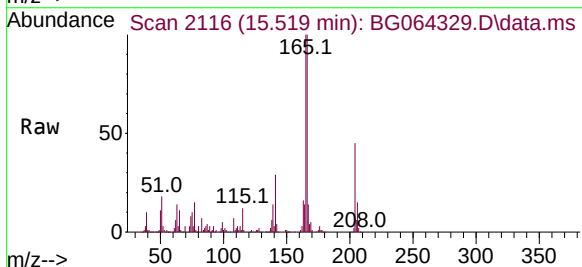
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

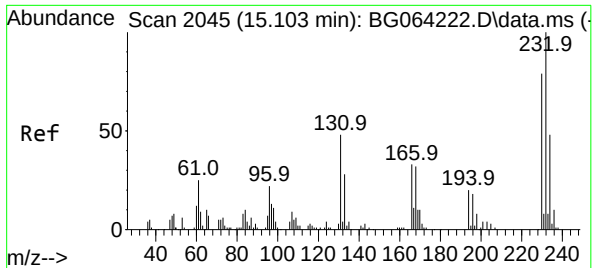
Tgt Ion:	165	Resp:	88291
Ion Ratio	Lower	Upper	
165	100		
63	55.8	44.6	67.0
89	78.6	63.0	94.4
182	2.2	1.5	2.3



#58
Fluorene
Concen: 43.178 ng
RT: 15.519 min Scan# 2116
Delta R.T. -0.013 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

Tgt Ion:	166	Resp:	270362
Ion Ratio	Lower	Upper	
166	100		
165	100.1	79.1	118.7
167	14.3	10.2	15.4

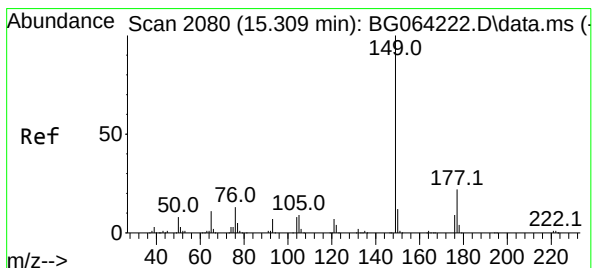
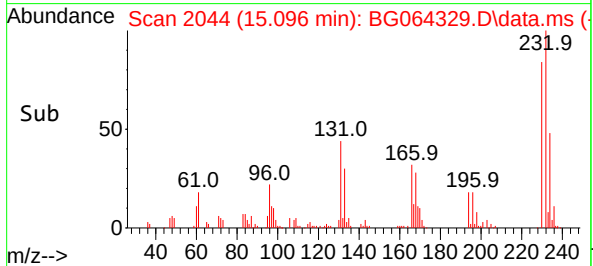
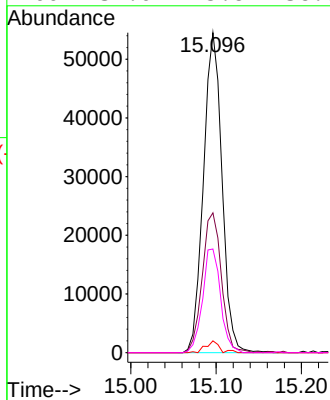
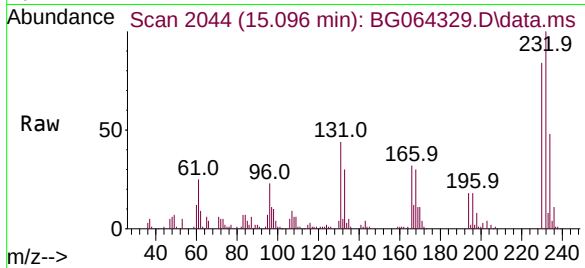




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.140 ng
RT: 15.096 min Scan# 2044
Delta R.T. -0.013 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

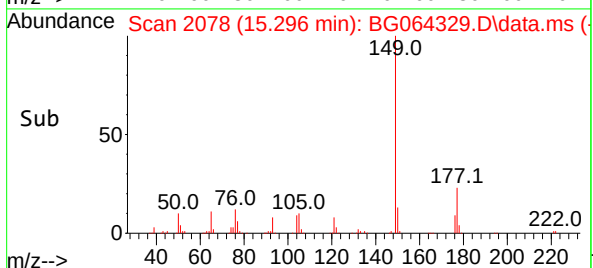
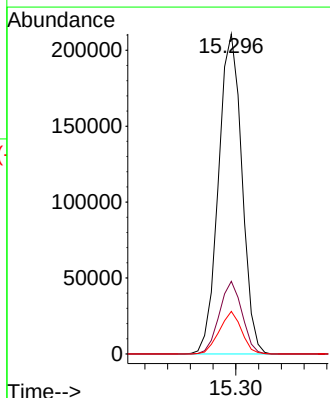
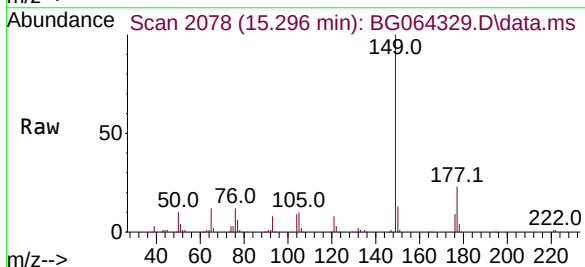
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

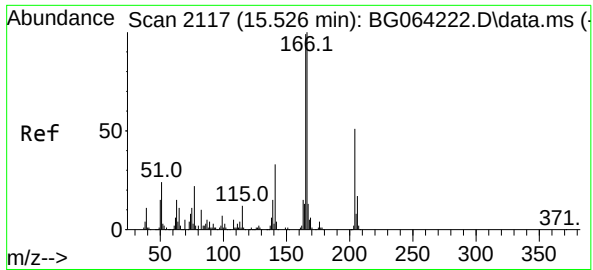
Tgt Ion:232 Resp: 82358
Ion Ratio Lower Upper
232 100
131 44.9 37.1 55.7
130 2.8 2.6 3.8
166 31.6 25.8 38.6



#60
Diethylphthalate
Concen: 43.745 ng
RT: 15.296 min Scan# 2078
Delta R.T. -0.019 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

Tgt Ion:149 Resp: 301306
Ion Ratio Lower Upper
149 100
177 22.7 17.5 26.3
150 13.3 9.9 14.9

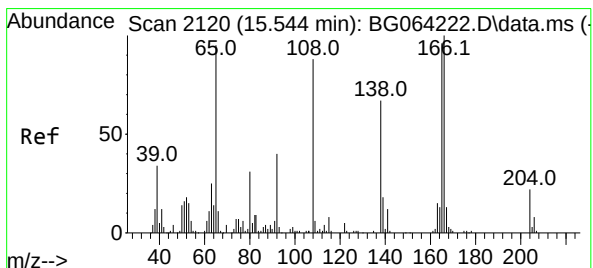
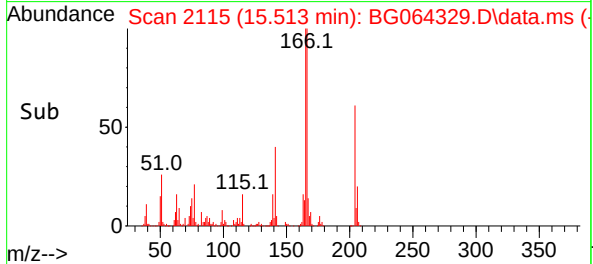
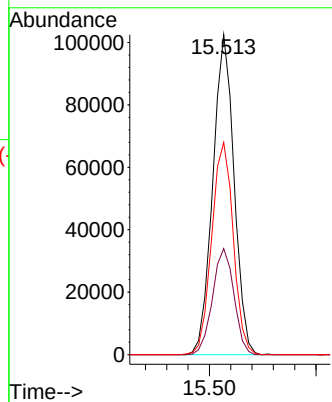
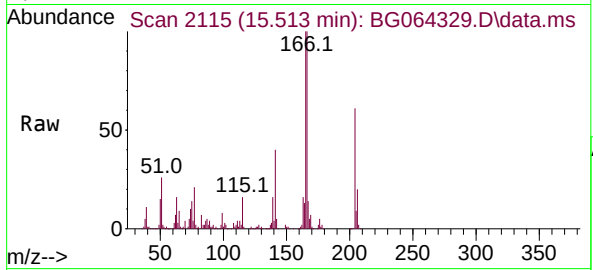




#61
4-Chlorophenyl-phenylether
Concen: 45.511 ng
RT: 15.513 min Scan# 2115
Delta R.T. -0.013 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

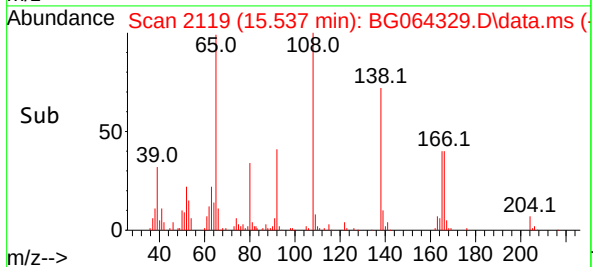
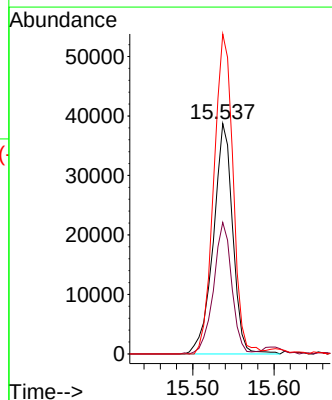
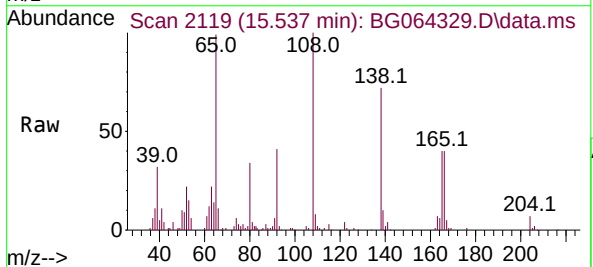
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

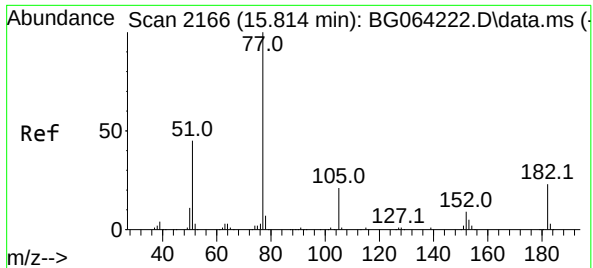
Tgt Ion:204 Resp: 142080
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.4
141 66.3 51.9 77.9



#62
4-Nitroaniline
Concen: 48.073 ng
RT: 15.537 min Scan# 2119
Delta R.T. -0.019 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

Tgt Ion:138 Resp: 64021
Ion Ratio Lower Upper
138 100
92 57.1 39.1 79.1
108 138.9 111.3 151.3

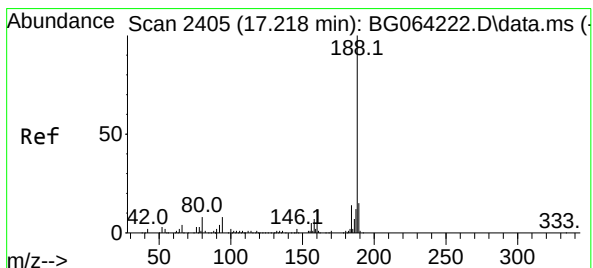
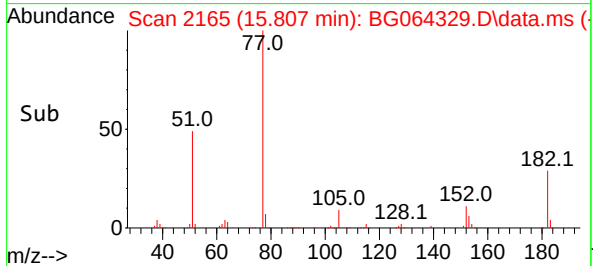
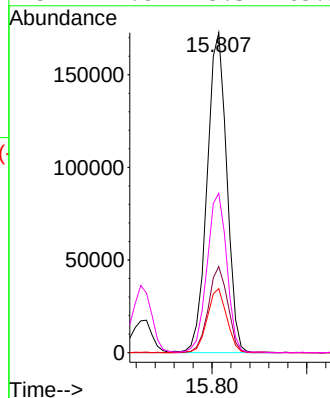
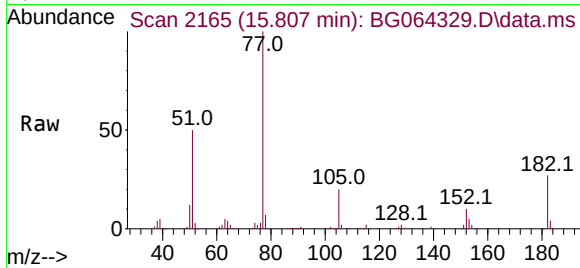




#63
Azobenzene
Concen: 40.521 ng
RT: 15.807 min Scan# 2165
Delta R.T. -0.013 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

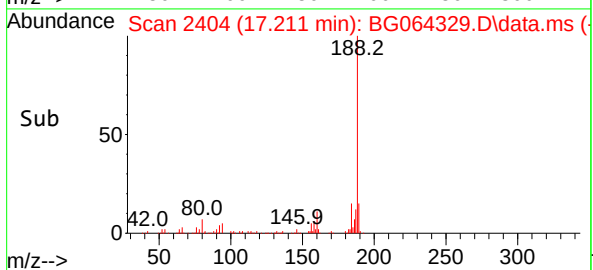
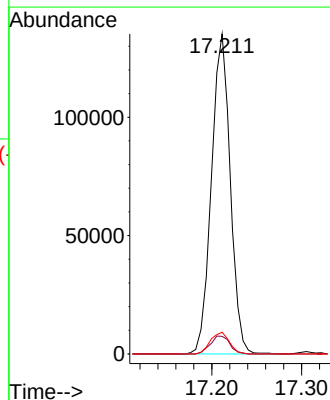
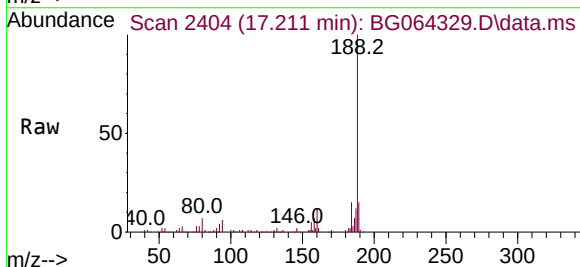
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

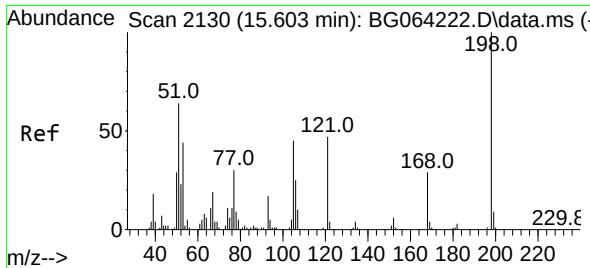
Tgt Ion: 77 Resp: 248758
Ion Ratio Lower Upper
77 100
182 26.9 3.3 43.3
105 20.0 0.6 40.6
51 49.8 25.3 65.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.211 min Scan# 2404
Delta R.T. -0.013 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

Tgt Ion: 188 Resp: 196821
Ion Ratio Lower Upper
188 100
94 5.5 6.2 9.4#
80 6.8 6.8 10.2#

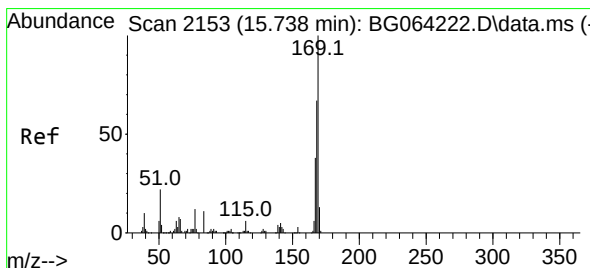
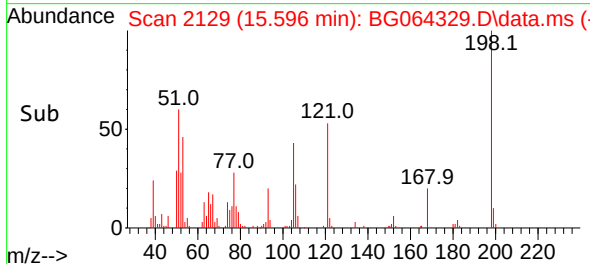
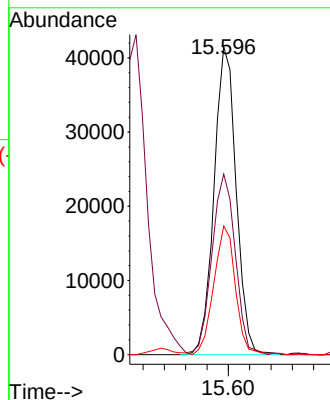
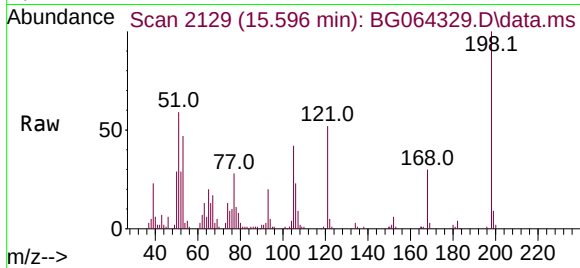




#65
4,6-Dinitro-2-methylphenol
Concen: 53.034 ng
RT: 15.596 min Scan# 2129
Delta R.T. -0.013 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

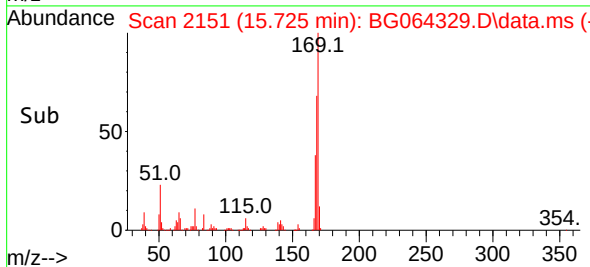
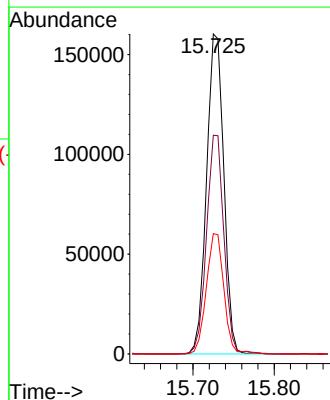
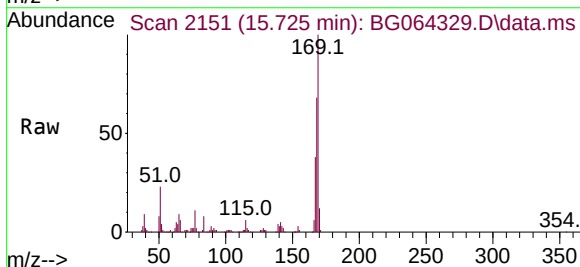
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

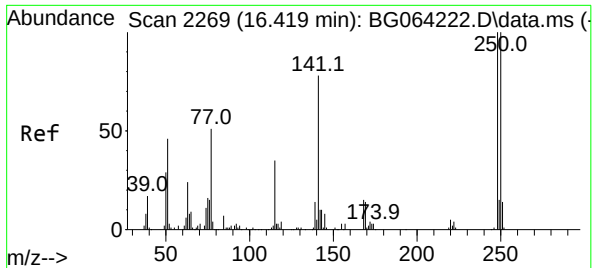
Tgt Ion	198	51	105
Ratio	100	58.7	41.8
Lower		46.2	25.0
Upper		86.2	65.0



#66
n-Nitrosodiphenylamine
Concen: 43.682 ng
RT: 15.725 min Scan# 2151
Delta R.T. -0.019 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

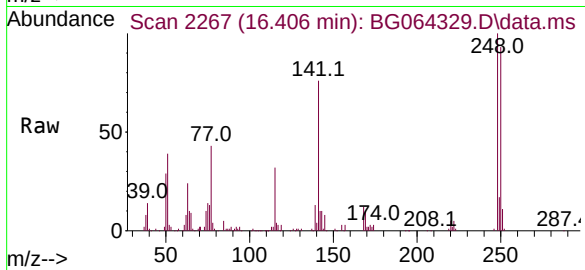
Tgt Ion	169	168	167
Ratio	100	68.3	37.6
Lower		53.8	30.2
Upper		80.8	45.2



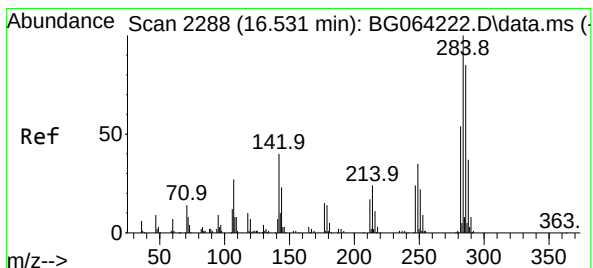
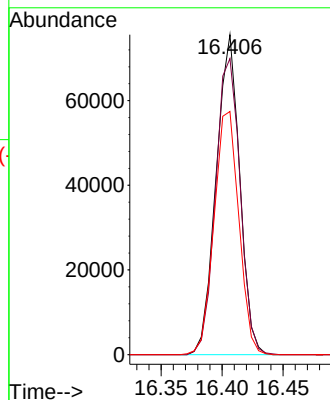
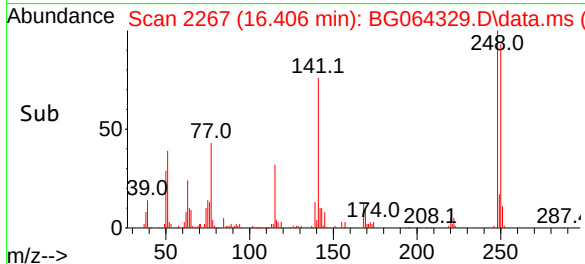


#67
4-Bromophenyl-phenylether
Concen: 48.511 ng
RT: 16.406 min Scan# 21
Delta R.T. -0.013 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

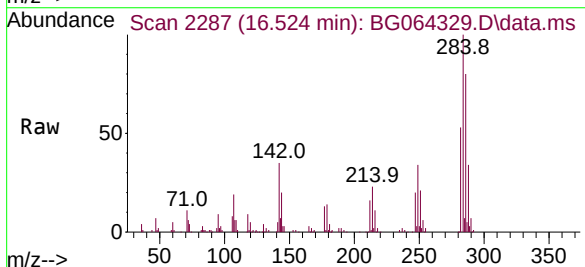
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



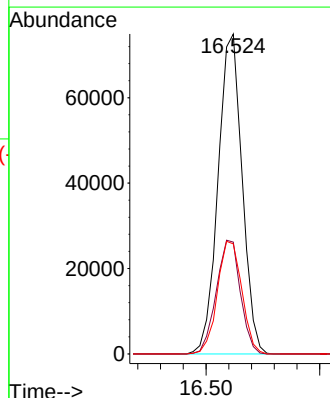
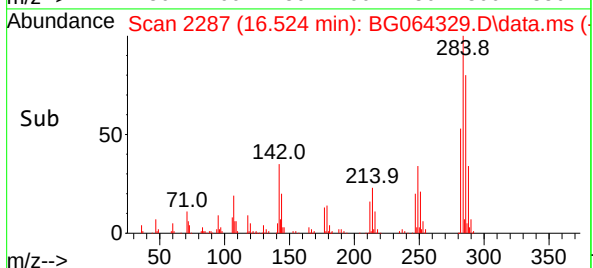
Tgt Ion:248 Resp: 101412
Ion Ratio Lower Upper
248 100
250 92.5 80.2 120.4
141 76.0 62.4 93.6

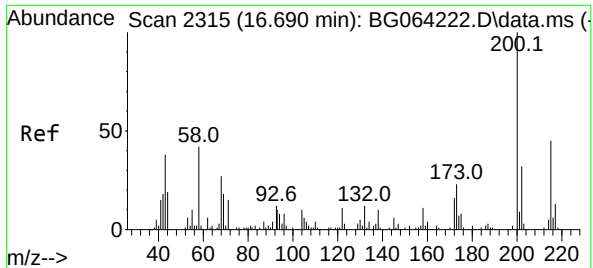


#68
Hexachlorobenzene
Concen: 47.430 ng
RT: 16.524 min Scan# 2287
Delta R.T. -0.013 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37



Tgt Ion:284 Resp: 110107
Ion Ratio Lower Upper
284 100
142 35.0 32.1 48.1
249 34.4 28.3 42.5





#69

Atrazine

Concen: 48.607 ng

RT: 16.677 min Scan# 2313

Delta R.T. -0.019 min

Lab File: BG064329.D

Acq: 10 Sep 2025 12:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

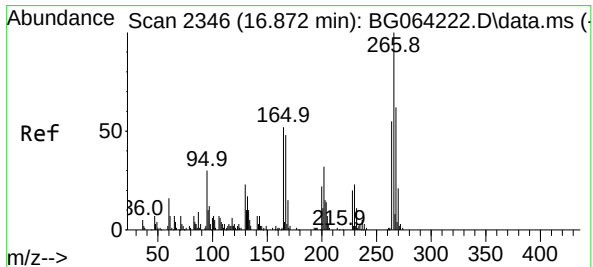
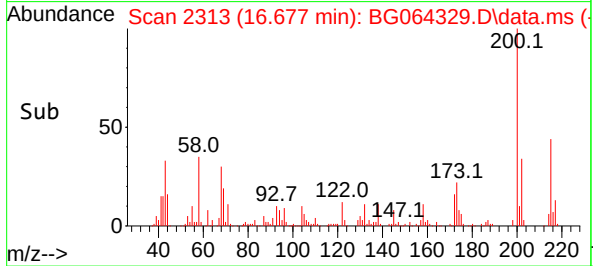
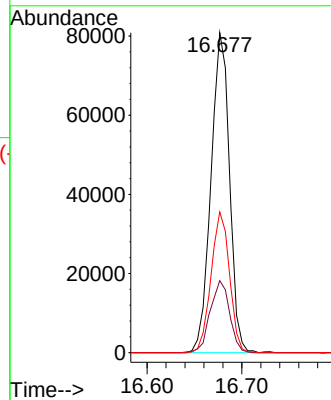
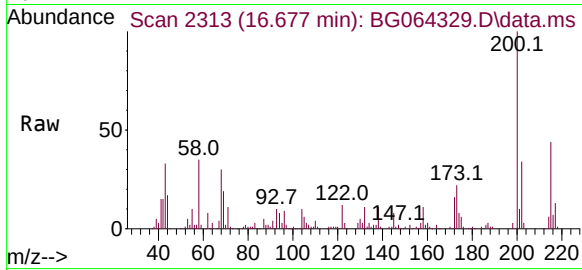
Tgt Ion:200 Resp: 109887

Ion Ratio Lower Upper

200 100

173 22.5 3.5 43.5

215 44.0 24.8 64.8



#70

Pentachlorophenol

Concen: 54.789 ng

RT: 16.865 min Scan# 2345

Delta R.T. -0.013 min

Lab File: BG064329.D

Acq: 10 Sep 2025 12:37

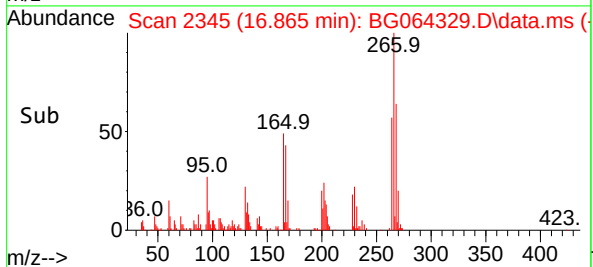
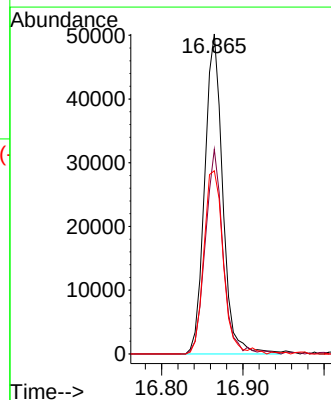
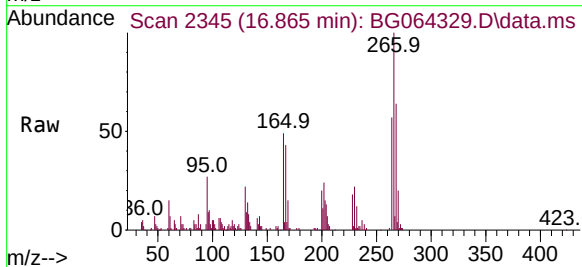
Tgt Ion:266 Resp: 77121

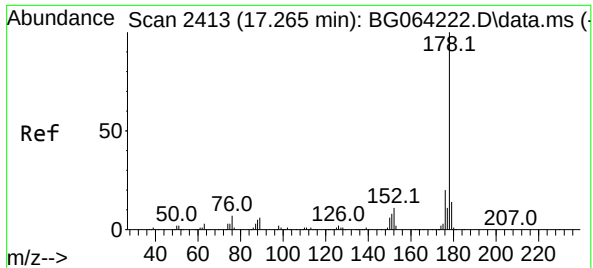
Ion Ratio Lower Upper

266 100

268 63.9 49.4 74.0

264 57.2 44.3 66.5

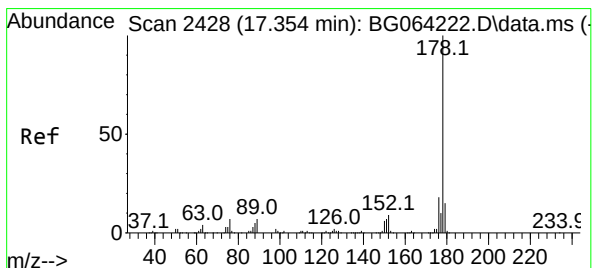
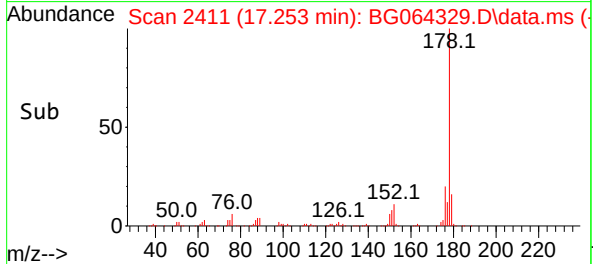
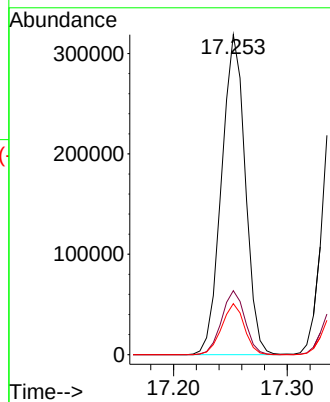
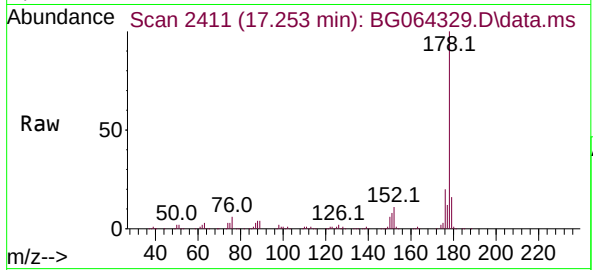




#71
Phenanthrene
Concen: 44.419 ng
RT: 17.253 min Scan# 2411
Delta R.T. -0.013 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

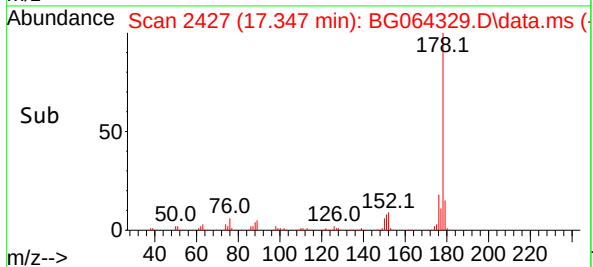
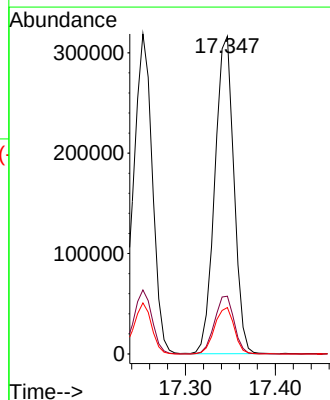
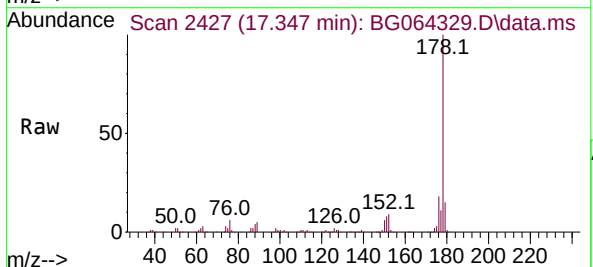
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

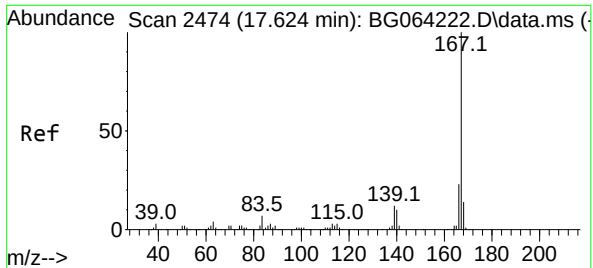
Tgt Ion:178 Resp: 461115
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 15.9 11.4 17.2



#72
Anthracene
Concen: 44.345 ng
RT: 17.347 min Scan# 2427
Delta R.T. -0.013 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

Tgt Ion:178 Resp: 468276
Ion Ratio Lower Upper
178 100
176 18.2 14.7 22.1
179 14.6 12.1 18.1

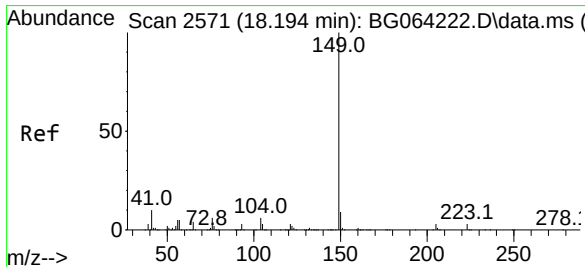
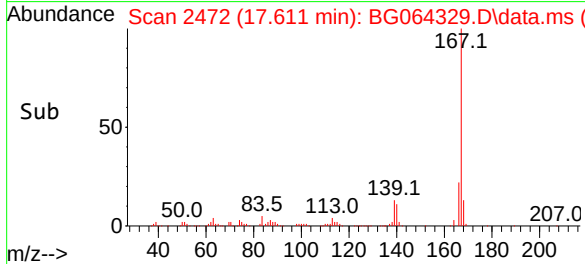
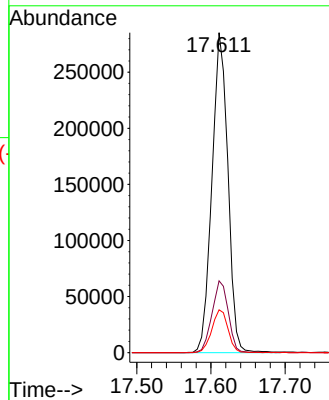
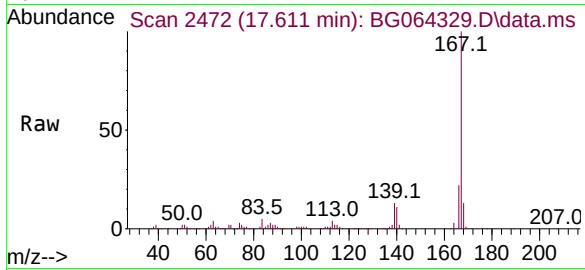




#73
 Carbazole
 Concen: 45.744 ng
 RT: 17.611 min Scan# 2472
 Delta R.T. -0.013 min
 Lab File: BG064329.D
 Acq: 10 Sep 2025 12:37

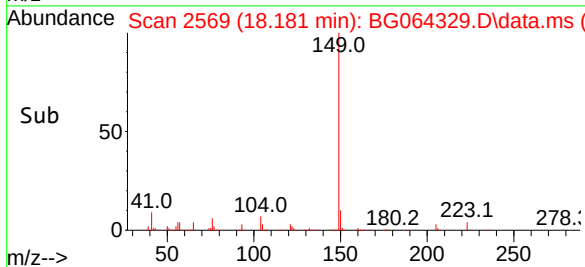
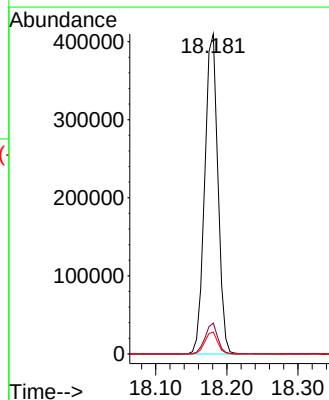
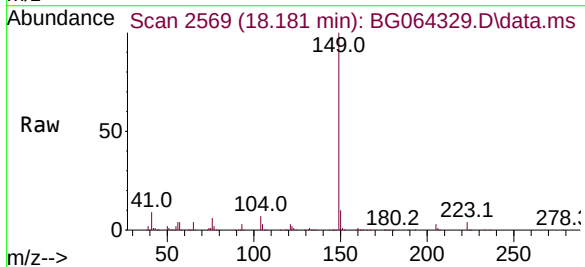
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

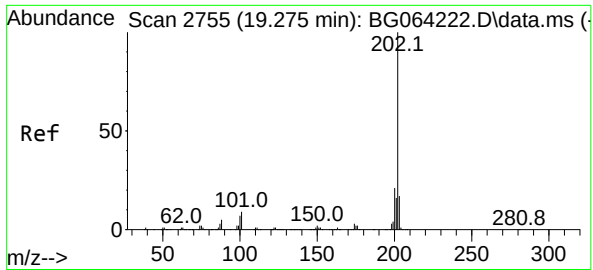
Tgt Ion:167 Resp: 425535
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.2
 139 13.4 9.8 14.6



#74
 Di-n-butylphthalate
 Concen: 46.928 ng
 RT: 18.181 min Scan# 2569
 Delta R.T. -0.013 min
 Lab File: BG064329.D
 Acq: 10 Sep 2025 12:37

Tgt Ion:149 Resp: 524480
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.5 11.3
 104 6.8 4.6 7.0

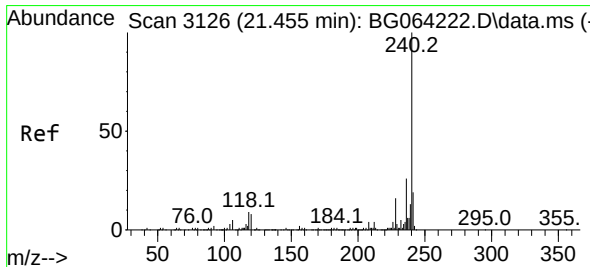
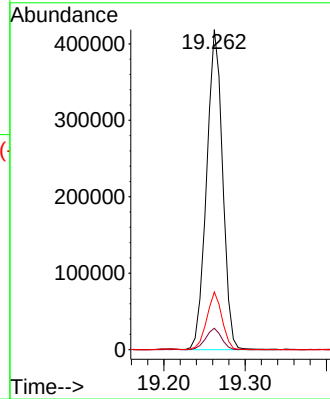
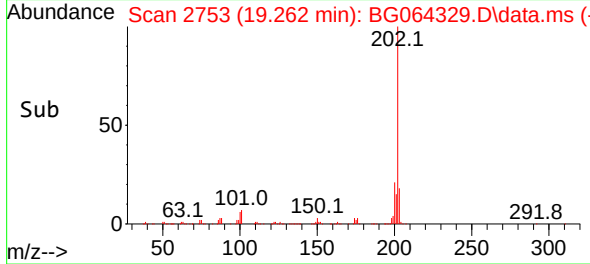
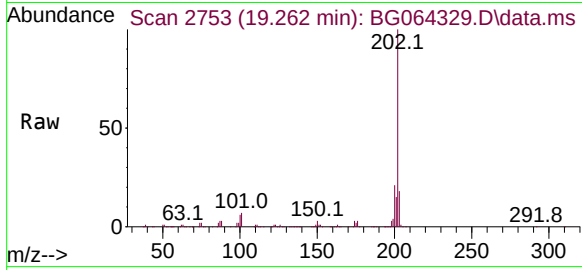




#75
Fluoranthene
Concen: 47.001 ng
RT: 19.262 min Scan# 21
Delta R.T. -0.013 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

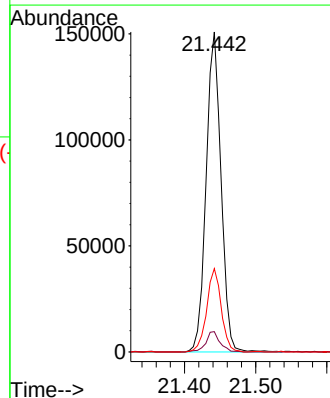
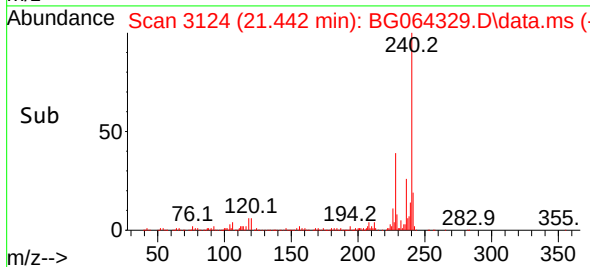
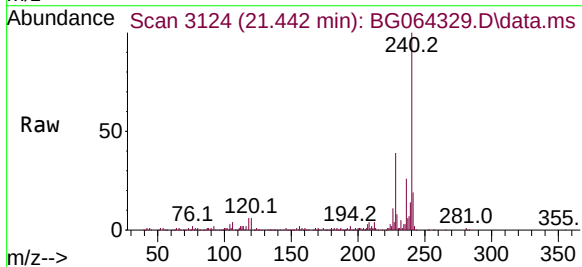
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

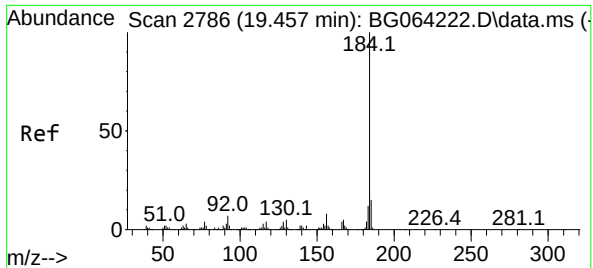
Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	28.7
203	18.0	0.0	36.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.442 min Scan# 3124
Delta R.T. -0.013 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.3	6.2	9.4
236	26.0	20.5	30.7

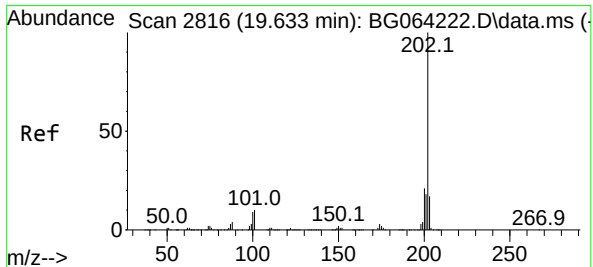
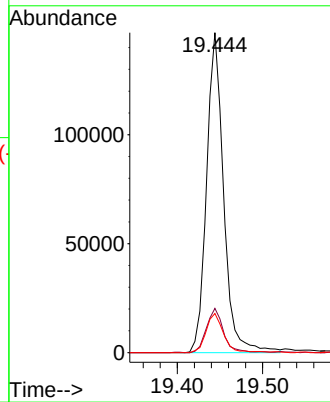
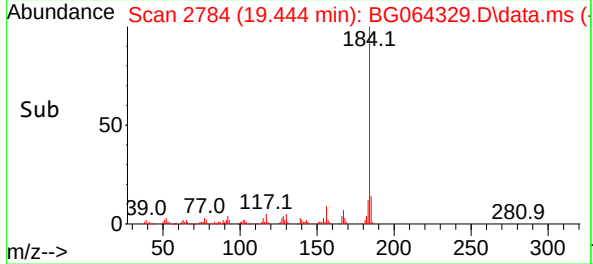
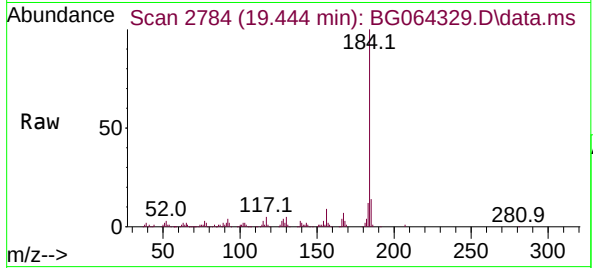




#77
Benzidine
Concen: 44.434 ng
RT: 19.444 min Scan# 21
Delta R.T. -0.013 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

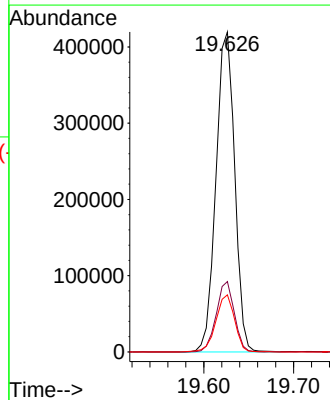
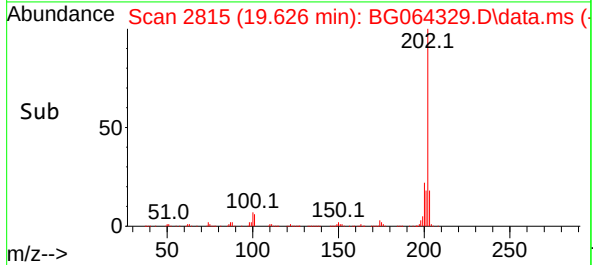
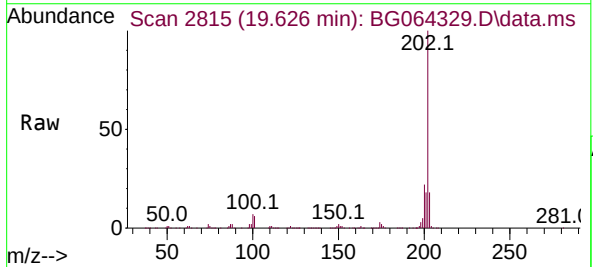
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

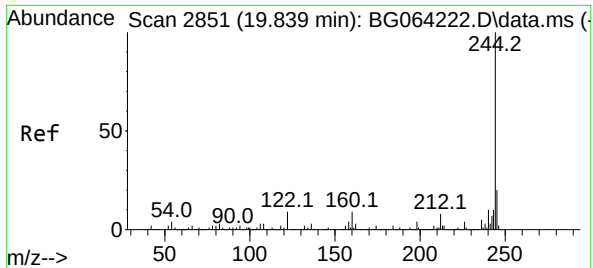
Tgt Ion:184 Resp: 204240
Ion Ratio Lower Upper
184 100
185 13.8 11.7 17.5
183 12.2 9.7 14.5



#78
Pyrene
Concen: 44.103 ng
RT: 19.626 min Scan# 2815
Delta R.T. -0.013 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

Tgt Ion:202 Resp: 607108
Ion Ratio Lower Upper
202 100
200 22.0 16.9 25.3
203 17.8 13.8 20.8

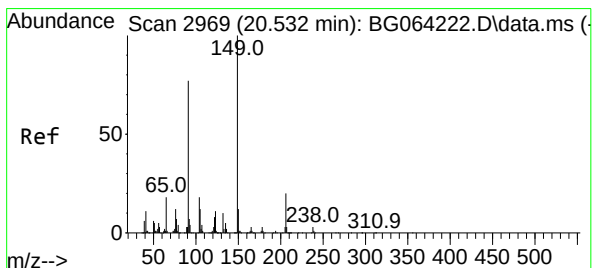
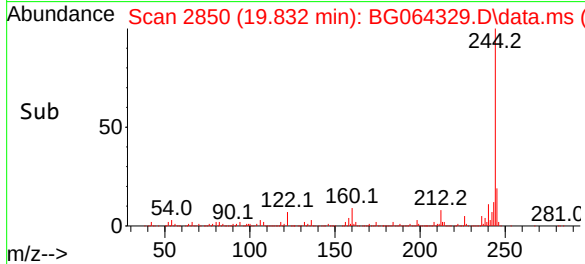
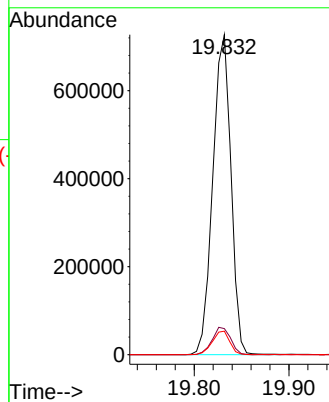
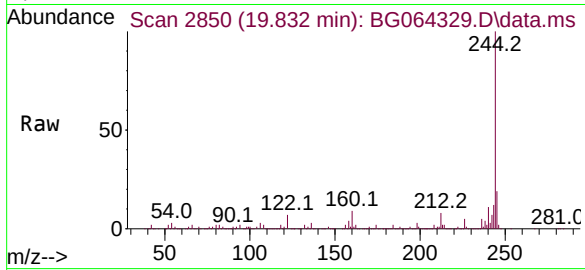




#79
 Terphenyl-d14
 Concen: 92.243 ng
 RT: 19.832 min Scan# 2851
 Delta R.T. -0.013 min
 Lab File: BG064329.D
 Acq: 10 Sep 2025 12:37

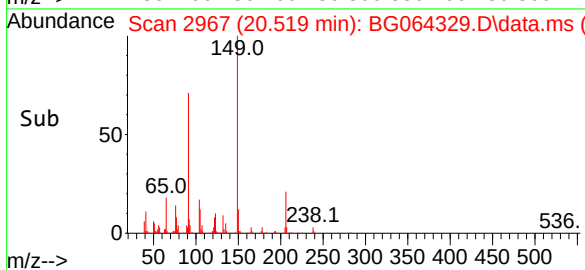
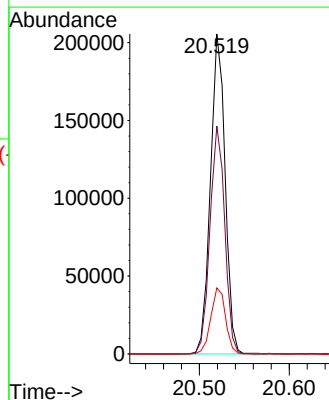
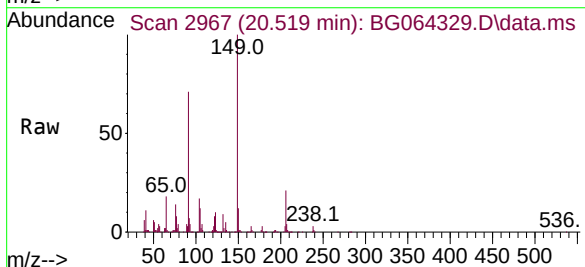
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

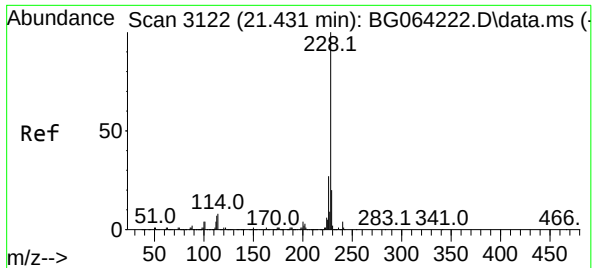
Tgt Ion:244 Resp: 966047
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.6 10.0
 122 7.3 7.0 10.6



#80
 Butylbenzylphthalate
 Concen: 44.983 ng
 RT: 20.519 min Scan# 2967
 Delta R.T. -0.013 min
 Lab File: BG064329.D
 Acq: 10 Sep 2025 12:37

Tgt Ion:149 Resp: 233555
 Ion Ratio Lower Upper
 149 100
 91 71.2 61.4 92.0
 206 20.6 15.8 23.6

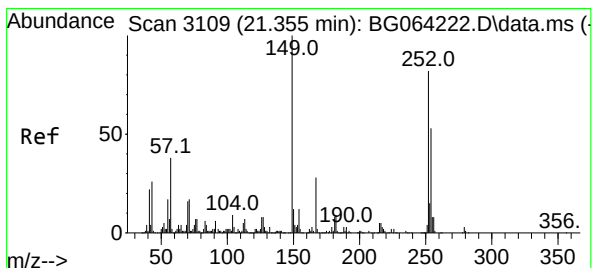
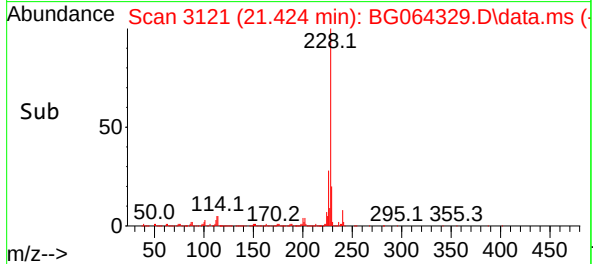
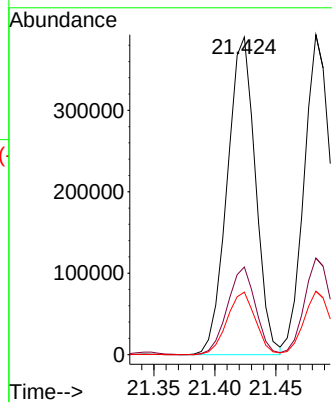
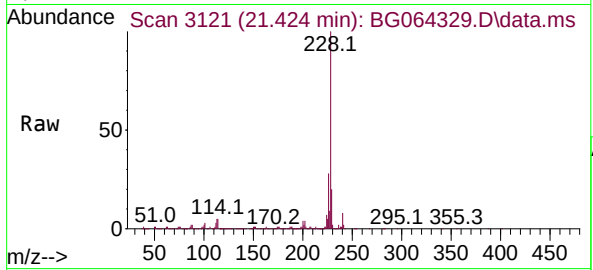




#81
Benzo(a)anthracene
Concen: 44.951 ng
RT: 21.424 min Scan# 3122
Delta R.T. -0.013 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

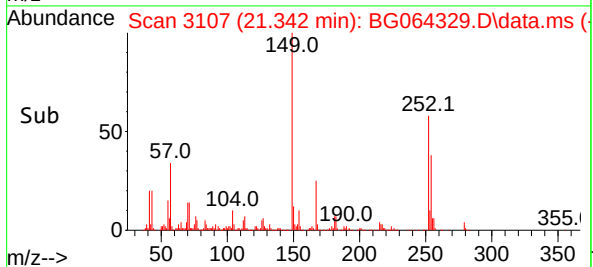
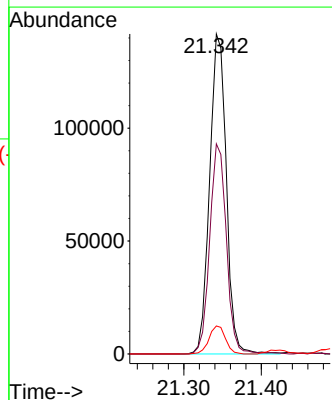
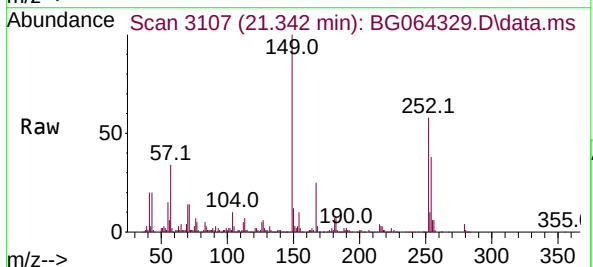
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

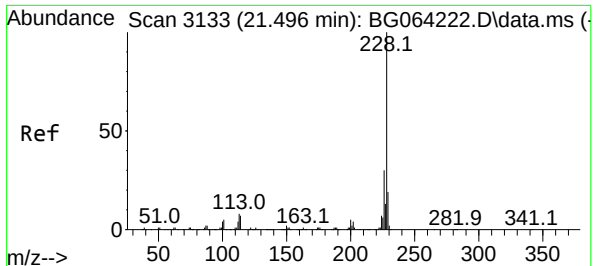
Tgt Ion:228 Resp: 628363
Ion Ratio Lower Upper
228 100
226 27.6 21.7 32.5
229 19.7 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 46.428 ng
RT: 21.342 min Scan# 3107
Delta R.T. -0.019 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

Tgt Ion:252 Resp: 211367
Ion Ratio Lower Upper
252 100
254 65.6 51.9 77.9
126 8.7 7.6 11.4

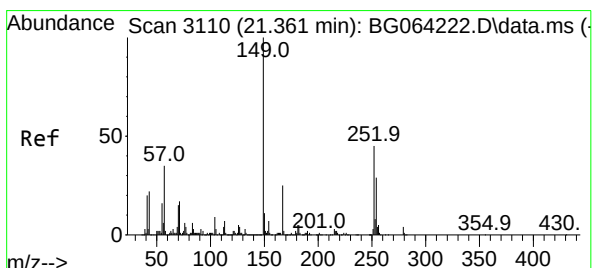
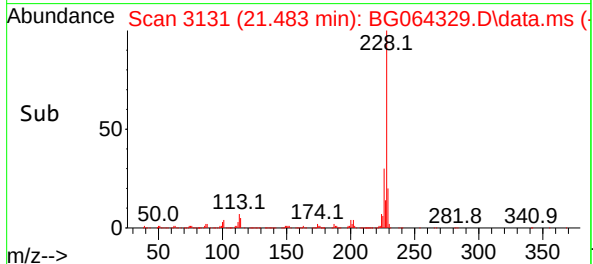
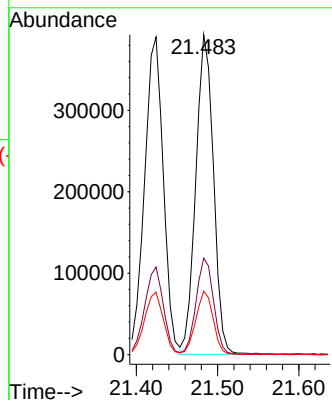
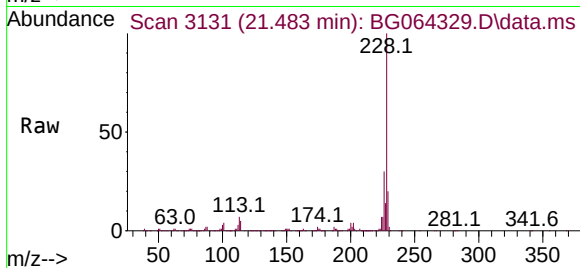




#83
Chrysene
Concen: 44.122 ng
RT: 21.483 min Scan# 3110
Delta R.T. -0.019 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

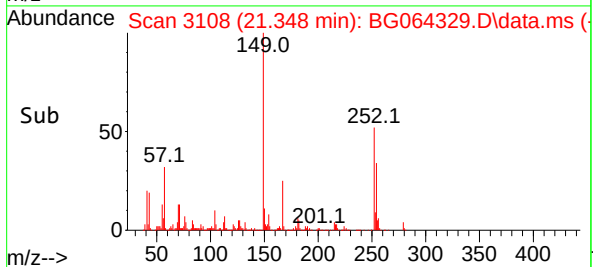
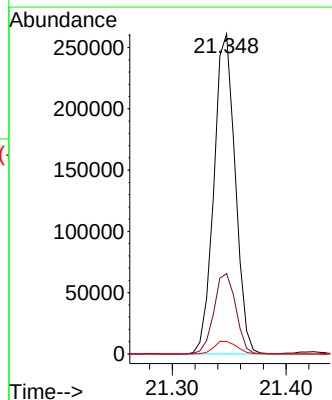
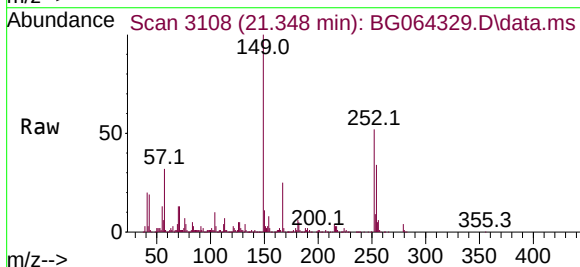
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

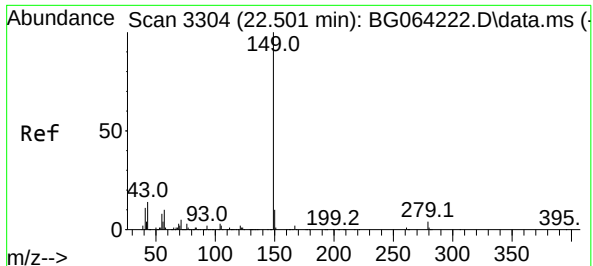
Tgt Ion:228 Resp: 592124
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.2
229 19.8 15.4 23.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.615 ng
RT: 21.348 min Scan# 3108
Delta R.T. -0.019 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

Tgt Ion:149 Resp: 339987
Ion Ratio Lower Upper
149 100
167 25.1 20.0 30.0
279 3.9 3.0 4.4

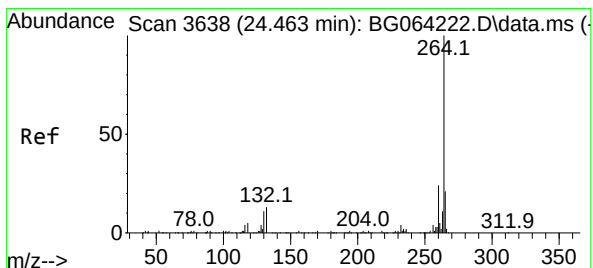
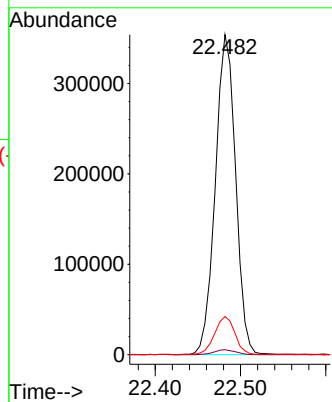
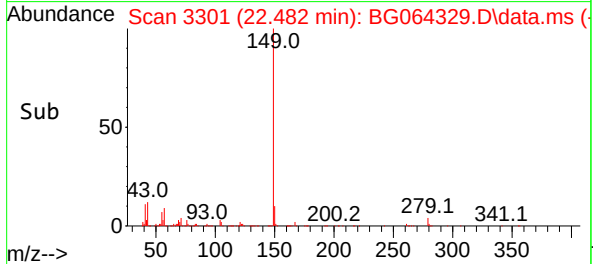
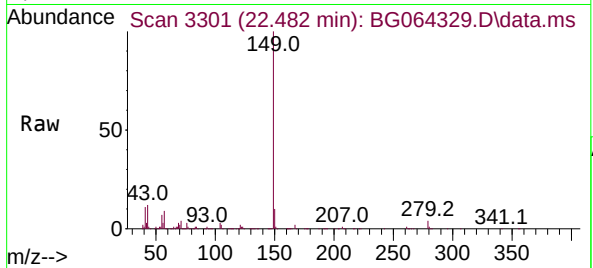




#85
Di-n-octyl phthalate
Concen: 43.017 ng
RT: 22.482 min Scan# 3301
Delta R.T. -0.025 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

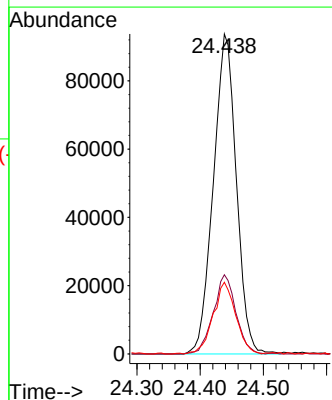
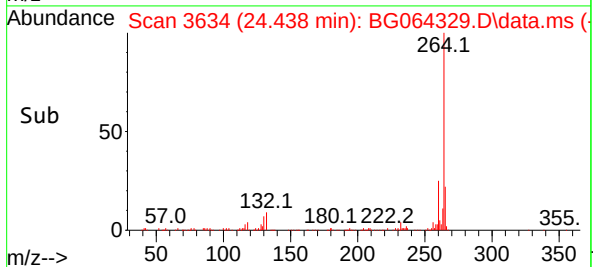
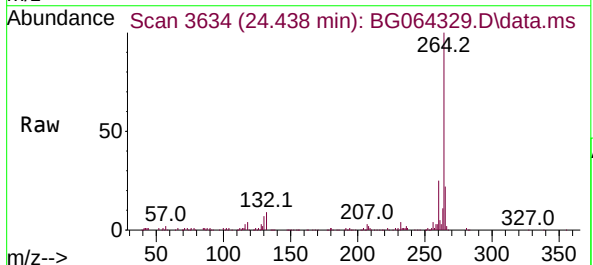
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

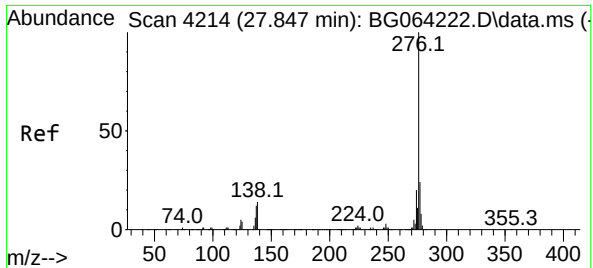
Tgt Ion:149 Resp: 584272
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.0 10.8 16.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.438 min Scan# 3634
Delta R.T. -0.025 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

Tgt Ion:264 Resp: 236667
Ion Ratio Lower Upper
264 100
260 24.7 18.9 28.3
265 22.4 16.7 25.1

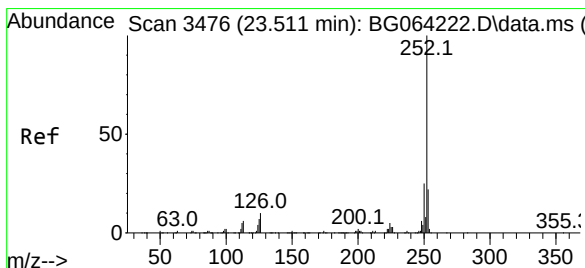
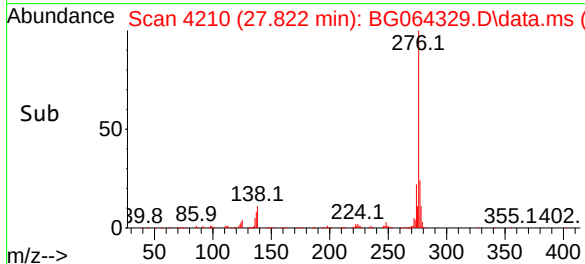
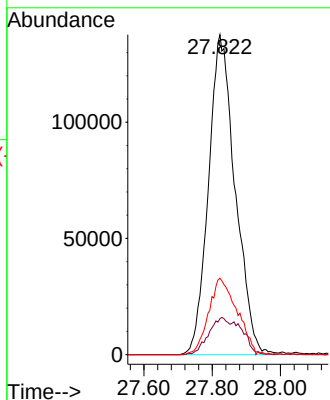
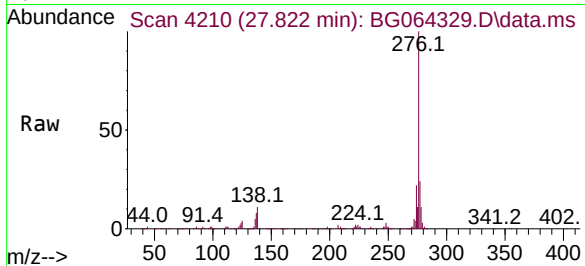




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.333 ng
 RT: 27.822 min Scan# 4210
 Delta R.T. -0.049 min
 Lab File: BG064329.D
 Acq: 10 Sep 2025 12:37

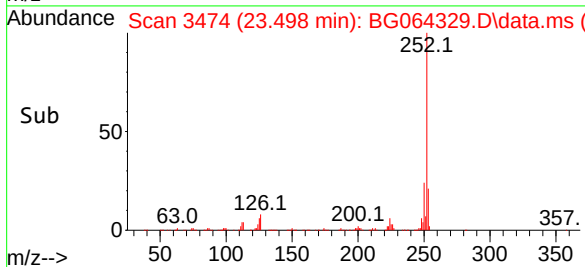
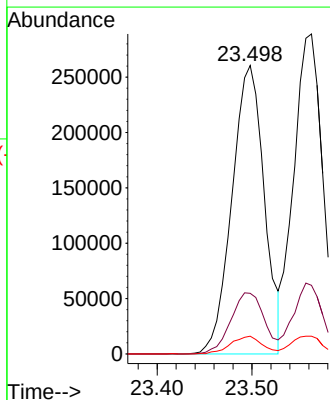
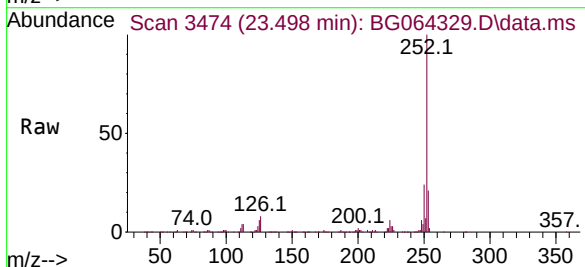
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

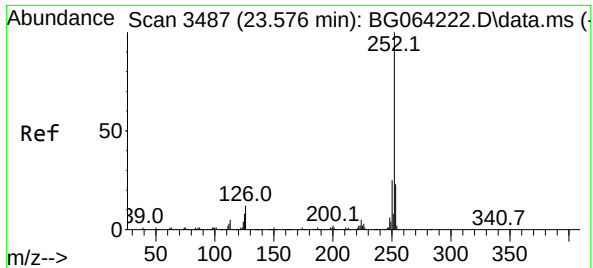
Tgt Ion:276 Resp: 748845
 Ion Ratio Lower Upper
 276 100
 138 8.8 7.4 11.0
 277 25.4 20.5 30.7



#88
 Benzo(b)fluoranthene
 Concen: 46.216 ng
 RT: 23.498 min Scan# 3474
 Delta R.T. -0.019 min
 Lab File: BG064329.D
 Acq: 10 Sep 2025 12:37

Tgt Ion:252 Resp: 617318
 Ion Ratio Lower Upper
 252 100
 253 21.0 17.5 26.3
 125 6.1 5.9 8.9





#89

Benzo(k)fluoranthene

Concen: 45.039 ng

RT: 23.563 min Scan# 34

Delta R.T. -0.025 min

Lab File: BG064329.D

Acq: 10 Sep 2025 12:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

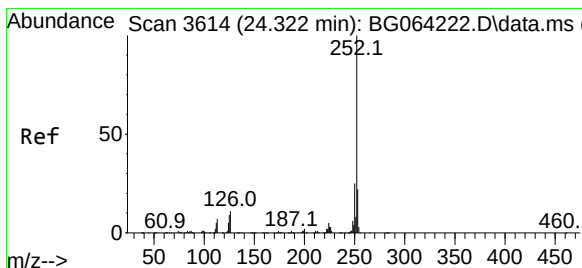
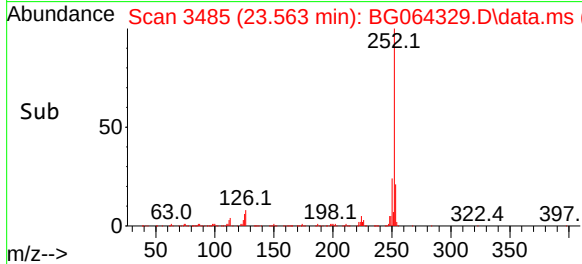
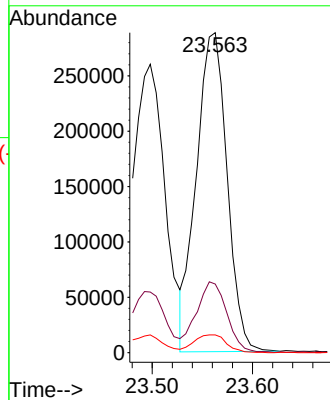
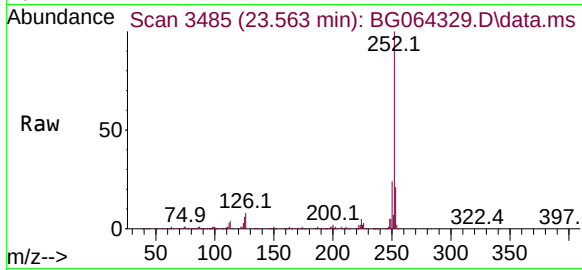
Tgt Ion:252 Resp: 612889

Ion Ratio Lower Upper

252 100

253 21.4 18.2 27.4

125 5.5 7.0 10.4#



#90

Benzo(a)pyrene

Concen: 45.885 ng

RT: 24.303 min Scan# 3611

Delta R.T. -0.025 min

Lab File: BG064329.D

Acq: 10 Sep 2025 12:37

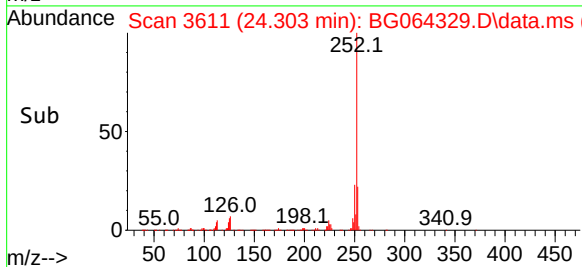
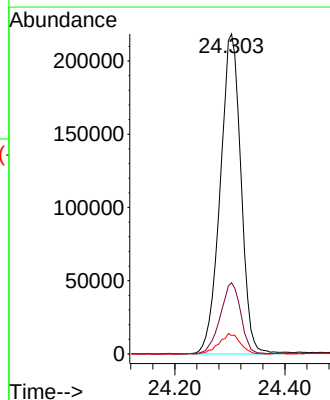
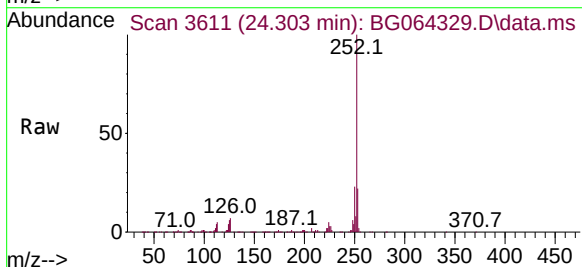
Tgt Ion:252 Resp: 570126

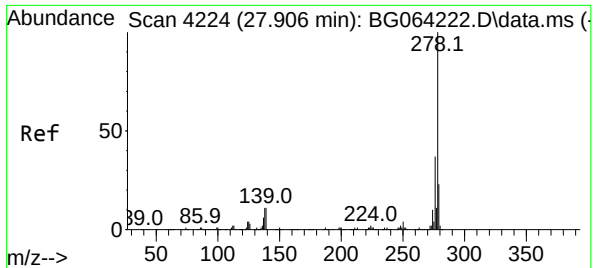
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 5.8 7.0 10.6#

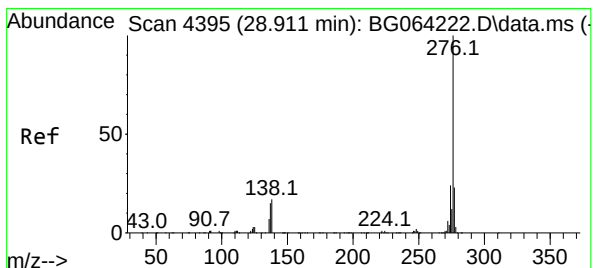
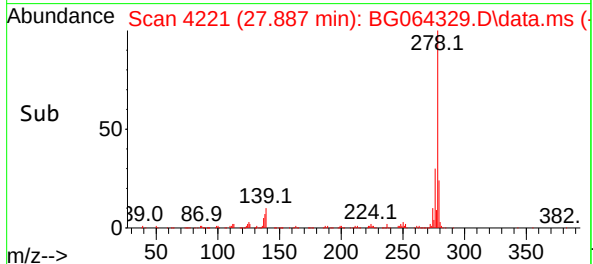
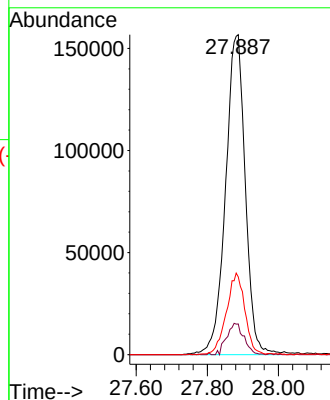
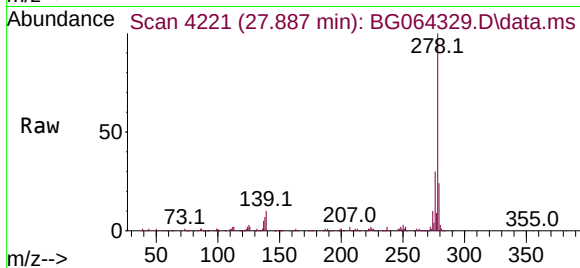




#91
Dibenzo(a,h)anthracene
Concen: 46.589 ng
RT: 27.887 min Scan# 41
Delta R.T. -0.037 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

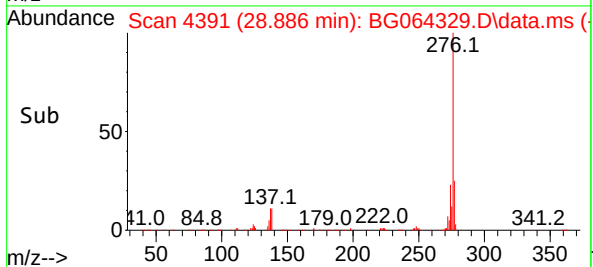
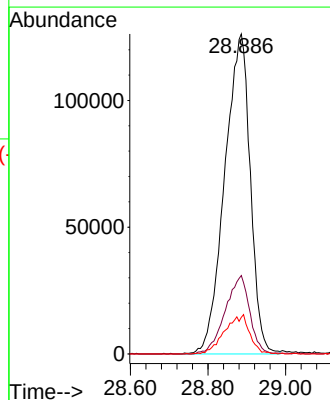
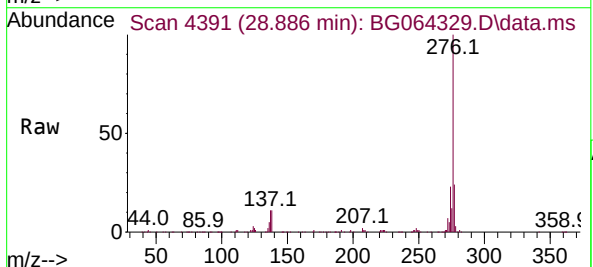
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 604581
Ion Ratio Lower Upper
278 100
139 9.6 9.0 13.4
279 24.3 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 45.778 ng
RT: 28.886 min Scan# 4391
Delta R.T. -0.049 min
Lab File: BG064329.D
Acq: 10 Sep 2025 12:37

Tgt Ion:276 Resp: 578046
Ion Ratio Lower Upper
276 100
277 24.5 18.2 27.4
138 11.4 13.3 19.9#



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
 Data File : BG064329.D
 Acq On : 10 Sep 2025 12:37
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC040

Quant Time: Sep 10 13:45:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 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	104	-0.01
2	1,4-Dioxane	0.465	0.461	0.9	124	0.00
3	Pyridine	1.368	1.305	4.6	101	0.00
4	n-Nitrosodimethylamine	0.905	1.031	-13.9	116	0.00
5 S	2-Fluorophenol	1.115	1.234	-10.7	116	-0.01
6	Aniline	2.118	2.140	-1.0	104	-0.01
7 S	Phenol-d6	1.532	1.683	-9.9	115	-0.01
8	2-Chlorophenol	1.362	1.528	-12.2	112	-0.01
9	Benzaldehyde	1.260	1.223	2.9	92	0.00
10 C	Phenol	1.688	1.790	-6.0	111	0.00
11	bis(2-Chloroethyl)ether	1.269	1.235	2.7	100	-0.01
12	1,3-Dichlorobenzene	1.449	1.696	-17.0	120	-0.01
13 C	1,4-Dichlorobenzene	1.463	1.636	-11.8	116	-0.01
14	1,2-Dichlorobenzene	1.412	1.588	-12.5	117	-0.01
15	Benzyl Alcohol	1.413	1.542	-9.1	112	-0.01
16	2,2'-oxybis(1-Chloropropane	2.897	2.328	19.6	83	-0.01
17	2-Methylphenol	1.258	1.272	-1.1	105	-0.01
18	Hexachloroethane	0.571	0.650	-13.8	116	-0.01
19 P	n-Nitroso-di-n-propylamine	1.172	1.131	3.5	98	-0.01
20	3+4-Methylphenols	1.749	1.728	1.2	105	-0.01
21 I	Naphthalene-d8	1.000	1.000	0.0	94	-0.02
22	Acetophenone	0.506	0.560	-10.7	105	-0.01
23 S	Nitrobenzene-d5	0.359	0.430	-19.8	110	-0.02
24	Nitrobenzene	0.375	0.426	-13.6	103	-0.01
25	Isophorone	0.745	0.758	-1.7	95	-0.02
26 C	2-Nitrophenol	0.162	0.210	-29.6#	115	-0.01
27	2,4-Dimethylphenol	0.284	0.316	-11.3	100	-0.02
28	bis(2-Chloroethoxy)methane	0.402	0.404	-0.5	91	-0.02
29 C	2,4-Dichlorophenol	0.300	0.361	-20.3#	109	-0.01
30	1,2,4-Trichlorobenzene	0.316	0.392	-24.1	115	-0.01
31	Naphthalene	1.037	1.173	-13.1	106	-0.01
32	Benzoic acid	0.226	0.242	-7.1	95	-0.04
33	4-Chloroaniline	0.402	0.438	-9.0	98	-0.01
34 C	Hexachlorobutadiene	0.234	0.317	-35.5#	125	-0.02
35	Caprolactam	0.116	0.120	-3.4	91	-0.03
36 C	4-Chloro-3-methylphenol	0.389	0.430	-10.5	102	-0.01
37	2-Methylnaphthalene	0.771	0.856	-11.0	102	-0.01
38	1-Methylnaphthalene	0.761	0.829	-8.9	100	-0.01
39 I	Acenaphthene-d10	1.000	1.000	0.0	94	-0.01
40	1,2,4,5-Tetrachlorobenzene	0.577	0.706	-22.4	114	-0.01
41 P	Hexachlorocyclopentadiene	0.274	0.391	-42.7#	134	-0.01
42 S	2,4,6-Tribromophenol	0.265	0.346	-30.6#	118	-0.01
43 C	2,4,6-Trichlorophenol	0.386	0.452	-17.1	108	0.00
44	2,4,5-Trichlorophenol	0.418	0.505	-20.8	110	-0.01
45 S	2-Fluorobiphenyl	1.310	1.487	-13.5	106	-0.02
46	1,1'-Biphenyl	1.457	1.597	-9.6	101	-0.01
47	2-Chloronaphthalene	1.095	1.217	-11.1	103	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
 Data File : BG064329.D
 Acq On : 10 Sep 2025 12:37
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC040

Quant Time: Sep 10 13:45:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 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	0.373	0.437	-17.2	101	-0.02
49	Acenaphthylene	1.619	1.790	-10.6	101	-0.01
50	Dimethylphthalate	1.514	1.633	-7.9	99	-0.02
51	2,6-Dinitrotoluene	0.293	0.341	-16.4	100	-0.01
52 C	Acenaphthene	1.142	1.211	-6.0	97	-0.02
53	3-Nitroaniline	0.307	0.339	-10.4	97	-0.01
54 P	2,4-Dinitrophenol	0.163	0.235	-44.2#	125	-0.01
55	Dibenzofuran	1.797	1.958	-9.0	101	-0.01
56 P	4-Nitrophenol	0.252	0.288	-14.3	95	-0.01
57	2,4-Dinitrotoluene	0.443	0.519	-17.2	101	-0.01
58	Fluorene	1.473	1.590	-7.9	98	-0.01
59	2,3,4,6-Tetrachlorophenol	0.402	0.484	-20.4	109	-0.01
60	Diethylphthalate	1.620	1.772	-9.4	99	-0.02
61	4-Chlorophenyl-phenylether	0.734	0.835	-13.8	104	-0.01
62	4-Nitroaniline	0.313	0.376	-20.1	101	-0.02
63	Azobenzene	1.444	1.463	-1.3	92	-0.01
64 I	Phenanthrene-d10	1.000	1.000	0.0	91	-0.01
65	4,6-Dinitro-2-methylphenol	0.115	0.152	-32.2#	117	-0.01
66 c	n-Nitrosodiphenylamine	0.550	0.601	-9.3	97	-0.02
67	4-Bromophenyl-phenylether	0.212	0.258	-21.7	109	-0.01
68	Hexachlorobenzene	0.236	0.280	-18.6	112	-0.01
69	Atrazine	0.230	0.279	-21.3	106	-0.02
70 C	Pentachlorophenol	0.143	0.196	-37.1#	117	-0.01
71	Phenanthrene	1.055	1.171	-11.0	98	-0.01
72	Anthracene	1.073	1.190	-10.9	97	-0.01
73	Carbazole	0.945	1.081	-14.4	98	-0.01
74	Di-n-butylphthalate	1.136	1.332	-17.3	100	-0.01
75 C	Fluoranthene	1.240	1.457	-17.5	102	-0.01
76 I	Chrysene-d12	1.000	1.000	0.0	95	-0.01
77	Benzydine	0.421	0.467	-10.9	99	-0.01
78	Pyrene	1.260	1.389	-10.2	101	-0.01
79 S	Terphenyl-d14	0.959	1.105	-15.2	107	-0.01
80	Butylbenzylphthalate	0.475	0.534	-12.4	102	-0.01
81	Benzo(a)anthracene	1.280	1.438	-12.3	105	-0.01
82	3,3'-Dichlorobenzidine	0.417	0.484	-16.1	107	-0.02
83	Chrysene	1.228	1.355	-10.3	103	-0.02
84	Bis(2-ethylhexyl)phthalate	0.714	0.778	-9.0	101	-0.02
85 c	Di-n-octyl phthalate	1.243	1.337	-7.6	100	-0.02
86 I	Perylene-d12	1.000	1.000	0.0	95	-0.02
87	Indeno(1,2,3-cd)pyrene	1.366	1.582	-15.8	107	-0.05
88	Benzo(b)fluoranthene	1.129	1.304	-15.5	105	-0.02
89	Benzo(k)fluoranthene	1.150	1.295	-12.6	107	-0.02
90 C	Benzo(a)pyrene	1.050	1.204	-14.7	105	-0.02
91	Dibenzo(a,h)anthracene	1.097	1.277	-16.4	107	-0.04
92	Benzo(g,h,i)perylene	1.067	1.221	-14.4	107	-0.05

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
Data File : BG064329.D
Acq On : 10 Sep 2025 12:37
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Sep 10 13:45:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 4

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
 Data File : BG064329.D
 Acq On : 10 Sep 2025 12:37
 Operator : RC/JU
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Quant Time: Sep 10 13:45:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 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	104	-0.01
2	1,4-Dioxane	40.000	39.659	0.9	124	0.00
3	Pyridine	40.000	38.157	4.6	101	0.00
4	n-Nitrosodimethylamine	40.000	45.567	-13.9	116	0.00
5 S	2-Fluorophenol	80.000	88.521	-10.7	116	-0.01
6	Aniline	40.000	40.413	-1.0	104	-0.01
7 S	Phenol-d6	80.000	87.927	-9.9	115	-0.01
8	2-Chlorophenol	40.000	44.874	-12.2	112	-0.01
9	Benzaldehyde	40.000	38.813	3.0	92	0.00
10 C	Phenol	40.000	42.405	-6.0	111	0.00
11	bis(2-Chloroethyl)ether	40.000	38.941	2.6	100	-0.01
12	1,3-Dichlorobenzene	40.000	46.815	-17.0	120	-0.01
13 C	1,4-Dichlorobenzene	40.000	44.750	-11.9	116	-0.01
14	1,2-Dichlorobenzene	40.000	45.012	-12.5	117	-0.01
15	Benzyl Alcohol	40.000	43.649	-9.1	112	-0.01
16	2,2'-oxybis(1-Chloropropane	40.000	32.139	19.7	83	-0.01
17	2-Methylphenol	40.000	40.428	-1.1	105	-0.01
18	Hexachloroethane	40.000	45.563	-13.9	116	-0.01
19 P	n-Nitroso-di-n-propylamine	40.000	38.609	3.5	98	-0.01
20	3+4-Methylphenols	40.000	39.525	1.2	105	-0.01
21 I	Naphthalene-d8	20.000	20.000	0.0	94	-0.02
22	Acetophenone	40.000	44.276	-10.7	105	-0.01
23 S	Nitrobenzene-d5	80.000	95.991	-20.0	110	-0.02
24	Nitrobenzene	40.000	45.484	-13.7	103	-0.01
25	Isophorone	40.000	40.656	-1.6	95	-0.02
26 C	2-Nitrophenol	40.000	51.905	-29.8#	115	-0.01
27	2,4-Dimethylphenol	40.000	44.523	-11.3	100	-0.02
28	bis(2-Chloroethoxy)methane	40.000	40.218	-0.5	91	-0.02
29 C	2,4-Dichlorophenol	40.000	48.177	-20.4#	109	-0.01
30	1,2,4-Trichlorobenzene	40.000	49.569	-23.9	115	-0.01
31	Naphthalene	40.000	45.253	-13.1	106	-0.01
32	Benzoic acid	40.000	42.899	-7.2	95	-0.04
33	4-Chloroaniline	40.000	43.602	-9.0	98	-0.01
34 C	Hexachlorobutadiene	40.000	54.285	-35.7#	125	-0.02
35	Caprolactam	40.000	41.365	-3.4	91	-0.03
36 C	4-Chloro-3-methylphenol	40.000	44.248	-10.6	102	-0.01
37	2-Methylnaphthalene	40.000	44.408	-11.0	102	-0.01
38	1-Methylnaphthalene	40.000	43.542	-8.9	100	-0.01
39 I	Acenaphthene-d10	20.000	20.000	0.0	94	-0.01
40	1,2,4,5-Tetrachlorobenzene	40.000	48.941	-22.4	114	-0.01
41 P	Hexachlorocyclopentadiene	40.000	57.081	-42.7#	134	-0.01
42 S	2,4,6-Tribromophenol	80.000	104.547	-30.7#	118	-0.01
43 C	2,4,6-Trichlorophenol	40.000	46.908	-17.3	108	0.00
44	2,4,5-Trichlorophenol	40.000	48.326	-20.8	110	-0.01
45 S	2-Fluorobiphenyl	80.000	90.758	-13.4	106	-0.02
46	1,1'-Biphenyl	40.000	43.857	-9.6	101	-0.01
47	2-Chloronaphthalene	40.000	44.436	-11.1	103	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
 Data File : BG064329.D
 Acq On : 10 Sep 2025 12:37
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC040

Quant Time: Sep 10 13:45:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	46.837	-17.1	101	-0.02
49	Acenaphthylene	40.000	44.231	-10.6	101	-0.01
50	Dimethylphthalate	40.000	43.141	-7.9	99	-0.02
51	2,6-Dinitrotoluene	40.000	46.591	-16.5	100	-0.01
52 C	Acenaphthene	40.000	42.413	-6.0	97	-0.02
53	3-Nitroaniline	40.000	44.176	-10.4	97	-0.01
54 P	2,4-Dinitrophenol	40.000	51.371	-28.4#	125	-0.01
55	Dibenzofuran	40.000	43.587	-9.0	101	-0.01
56 P	4-Nitrophenol	40.000	45.798	-14.5	95	-0.01
57	2,4-Dinitrotoluene	40.000	46.867	-17.2	101	-0.01
58	Fluorene	40.000	43.178	-7.9	98	-0.01
59	2,3,4,6-Tetrachlorophenol	40.000	48.140	-20.4	109	-0.01
60	Diethylphthalate	40.000	43.745	-9.4	99	-0.02
61	4-Chlorophenyl-phenylether	40.000	45.511	-13.8	104	-0.01
62	4-Nitroaniline	40.000	48.073	-20.2	101	-0.02
63	Azobenzene	40.000	40.521	-1.3	92	-0.01
64 I	Phenanthrene-d10	20.000	20.000	0.0	91	-0.01
65	4,6-Dinitro-2-methylphenol	40.000	53.034	-32.6#	117	-0.01
66 c	n-Nitrosodiphenylamine	40.000	43.682	-9.2	97	-0.02
67	4-Bromophenyl-phenylether	40.000	48.511	-21.3	109	-0.01
68	Hexachlorobenzene	40.000	47.430	-18.6	112	-0.01
69	Atrazine	40.000	48.607	-21.5	106	-0.02
70 C	Pentachlorophenol	40.000	54.789	-37.0#	117	-0.01
71	Phenanthrene	40.000	44.419	-11.0	98	-0.01
72	Anthracene	40.000	44.345	-10.9	97	-0.01
73	Carbazole	40.000	45.744	-14.4	98	-0.01
74	Di-n-butylphthalate	40.000	46.928	-17.3	100	-0.01
75 C	Fluoranthene	40.000	47.001	-17.5	102	-0.01
76 I	Chrysene-d12	20.000	20.000	0.0	95	-0.01
77	Benzidine	40.000	44.434	-11.1	99	-0.01
78	Pyrene	40.000	44.103	-10.3	101	-0.01
79 S	Terphenyl-d14	80.000	92.243	-15.3	107	-0.01
80	Butylbenzylphthalate	40.000	44.983	-12.5	102	-0.01
81	Benzo(a)anthracene	40.000	44.951	-12.4	105	-0.01
82	3,3'-Dichlorobenzidine	40.000	46.428	-16.1	107	-0.02
83	Chrysene	40.000	44.122	-10.3	103	-0.02
84	Bis(2-ethylhexyl)phthalate	40.000	43.615	-9.0	101	-0.02
85 c	Di-n-octyl phthalate	40.000	43.017	-7.5	100	-0.02
86 I	Perylene-d12	20.000	20.000	0.0	95	-0.02
87	Indeno(1,2,3-cd)pyrene	40.000	46.333	-15.8	107	-0.05
88	Benzo(b)fluoranthene	40.000	46.216	-15.5	105	-0.02
89	Benzo(k)fluoranthene	40.000	45.039	-12.6	107	-0.02
90 C	Benzo(a)pyrene	40.000	45.885	-14.7	105	-0.02
91	Dibenzo(a,h)anthracene	40.000	46.589	-16.5	107	-0.04
92	Benzo(g,h,i)perylene	40.000	45.778	-14.4	107	-0.05

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
Data File : BG064329.D
Acq On : 10 Sep 2025 12:37
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Sep 10 13:45:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 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 = 4



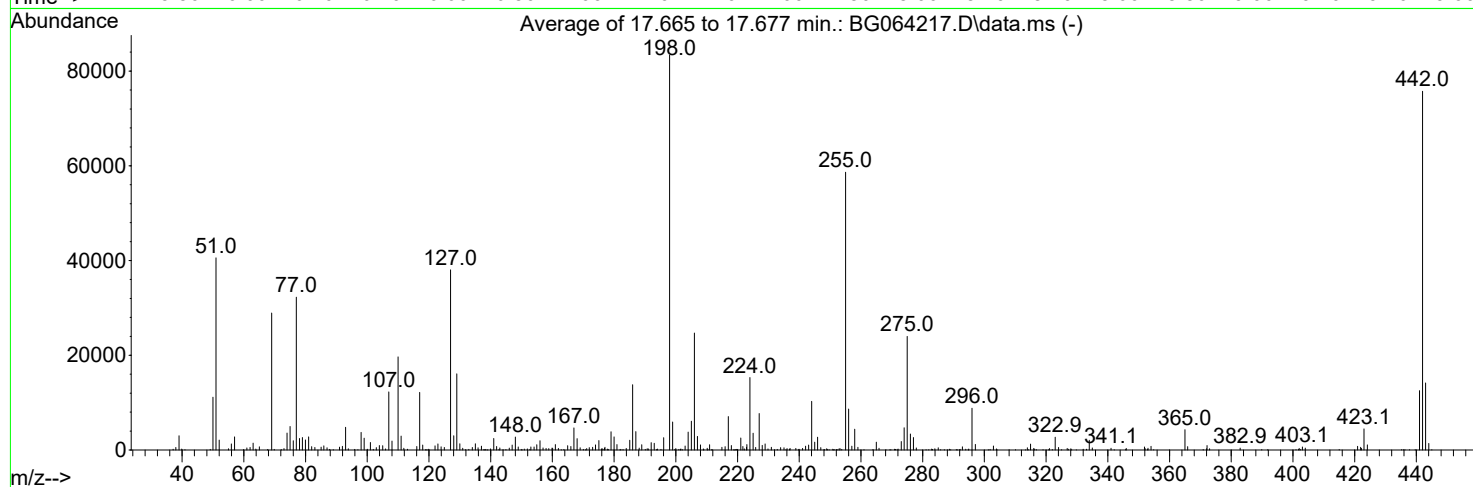
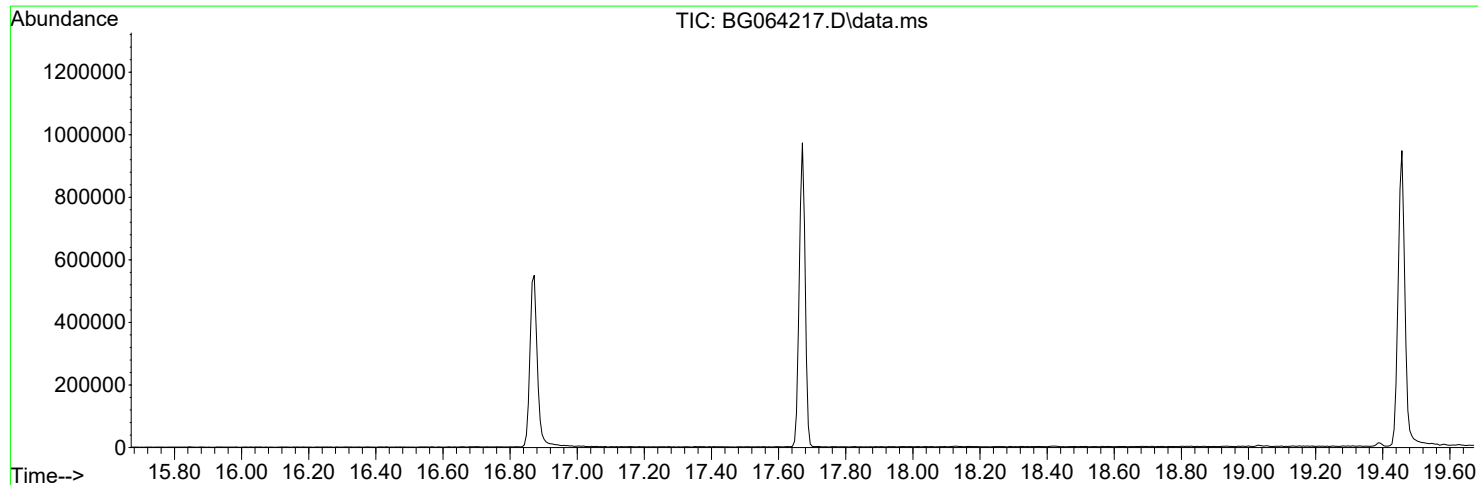
QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064217.D
Acq On : 28 Aug 2025 10:11
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-BG082825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 28 17:41:58 2025



AutoFind: Scans 2481, 2482, 2483; Background Corrected with Scan 2474

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	0.4	117	PASS
69	69	100	100	100.0	28923	PASS
70	69	0.00	2	0.4	125	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	83360	PASS
199	198	5	9	7.1	5910	PASS
365	198	1	100	5.2	4294	PASS
441	443	0.01	150	88.5	12527	PASS
442	442	100	100	100.0	75725	PASS
443	442	15	24	18.7	14159	PASS

DDT Breakdown

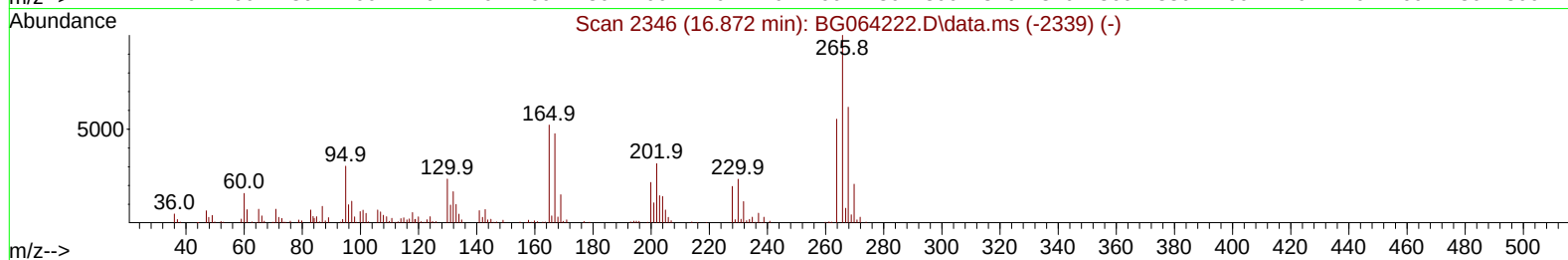
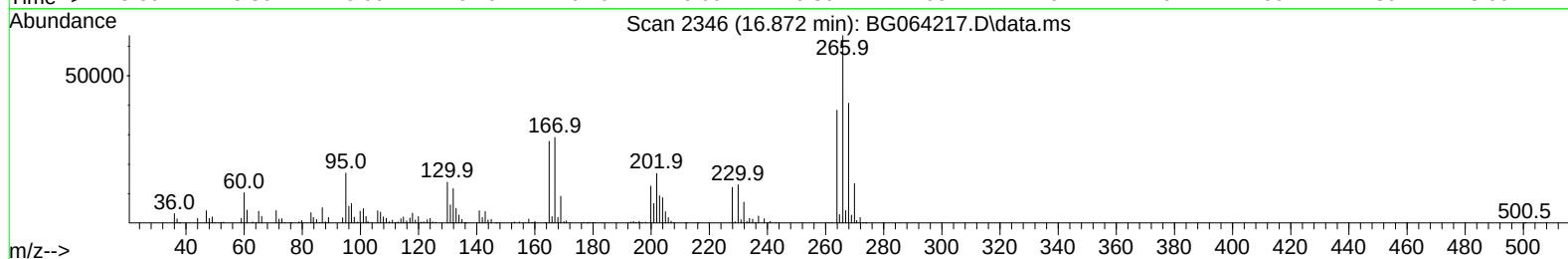
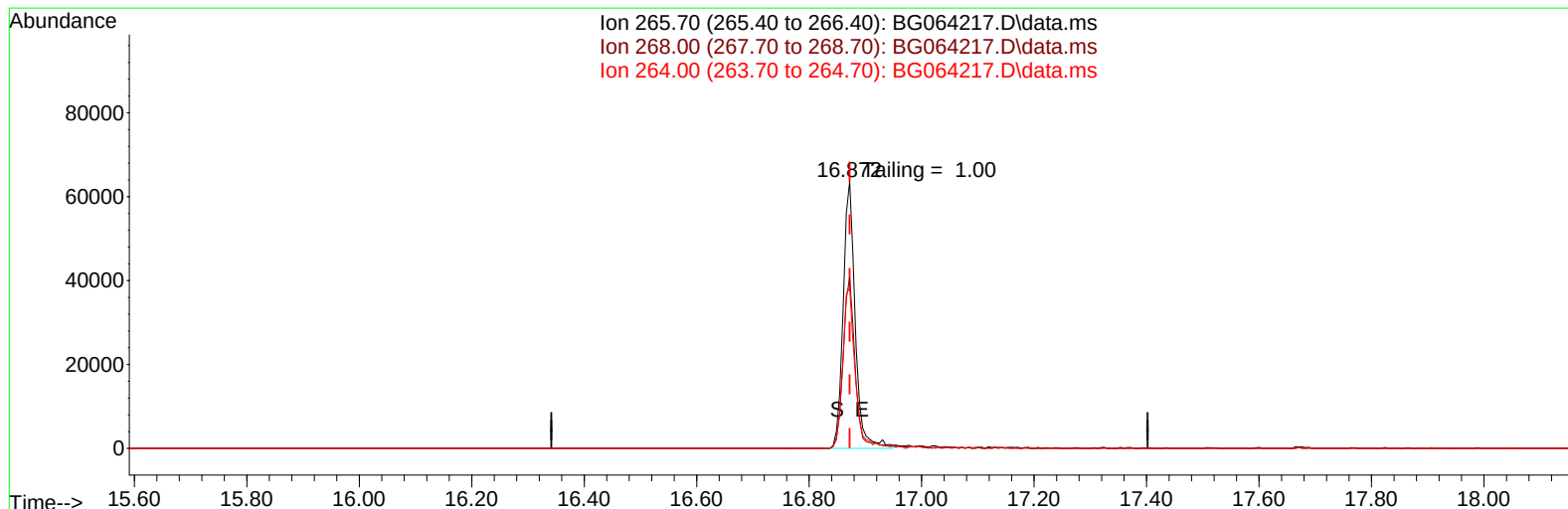
Date	Instrument Name	DFTPP Data File
8/28/2025	BNA_G	BG064217.D
Compound Name	Response	Retention Time
DDT	277057	20.691
DDD	7102	20.25
DDE	200	19.751
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
7302	284359	2.57

Instrument :
BNA_G
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064217.D
Acq On : 28 Aug 2025 10:11
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Aug 28 14:37:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 14:36:10 2025
Response via : Initial Calibration



TIC: BG064217.D\data.ms

(70) Pentachlorophenol (C)

16.872min (-0.000) 25238.02 ng

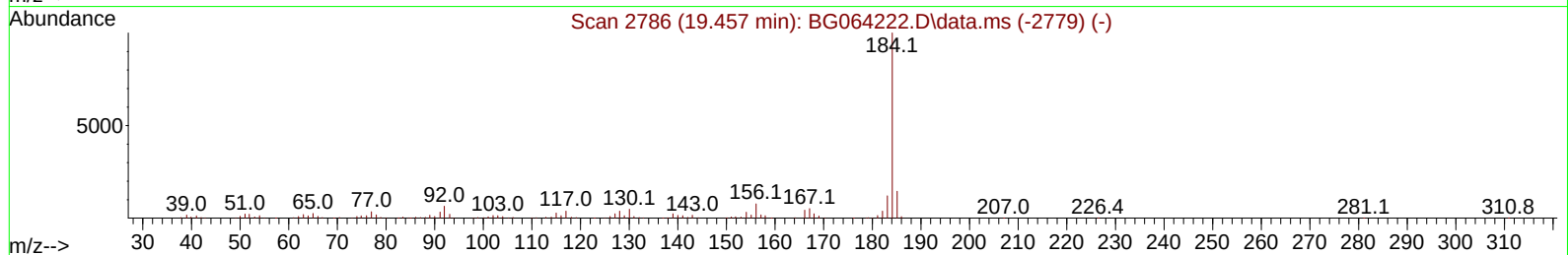
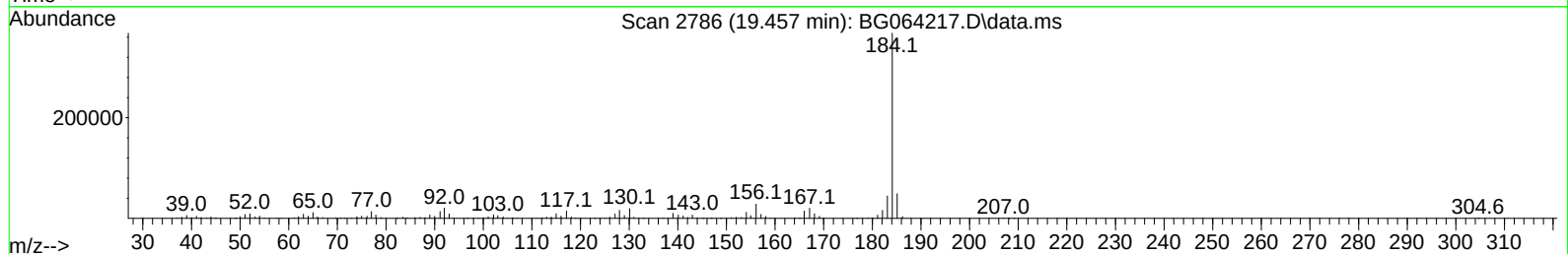
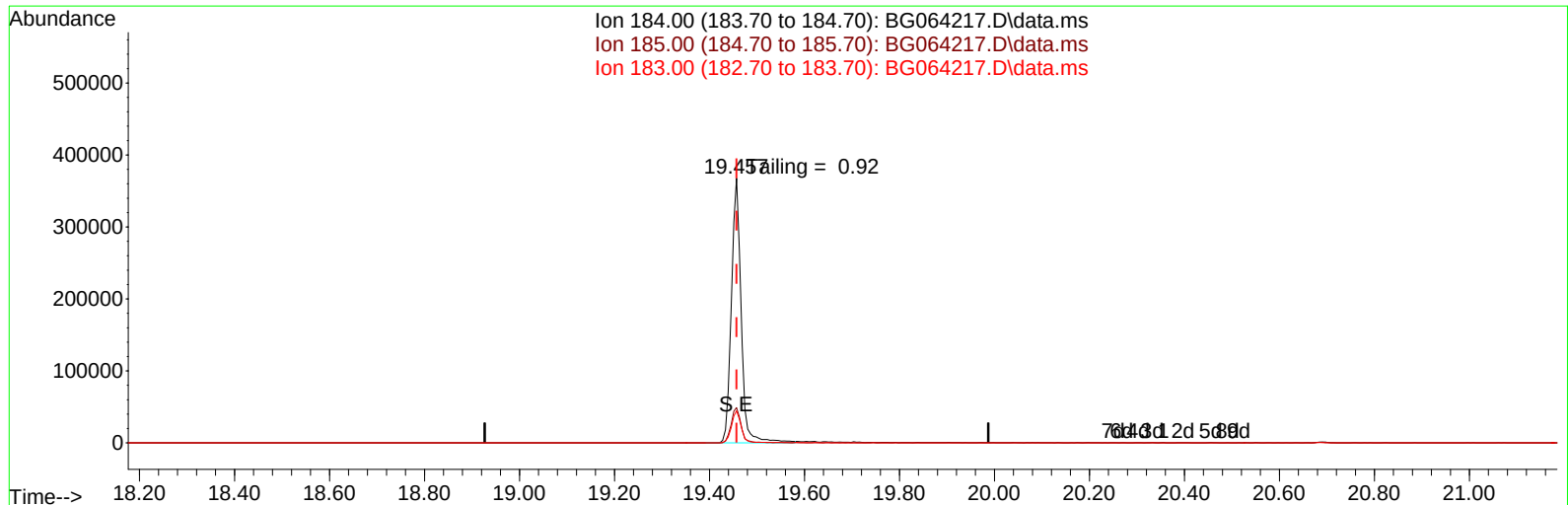
response 93526

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.70	64.00
264.00	55.40	60.23
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064217.D
Acq On : 28 Aug 2025 10:11
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Aug 28 14:37:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 14:36:10 2025
Response via : Initial Calibration



TIC: BG064217.D\data.ms

(77) Benzidine

19.457min (-0.000) 328145.89 ng m

response 550762

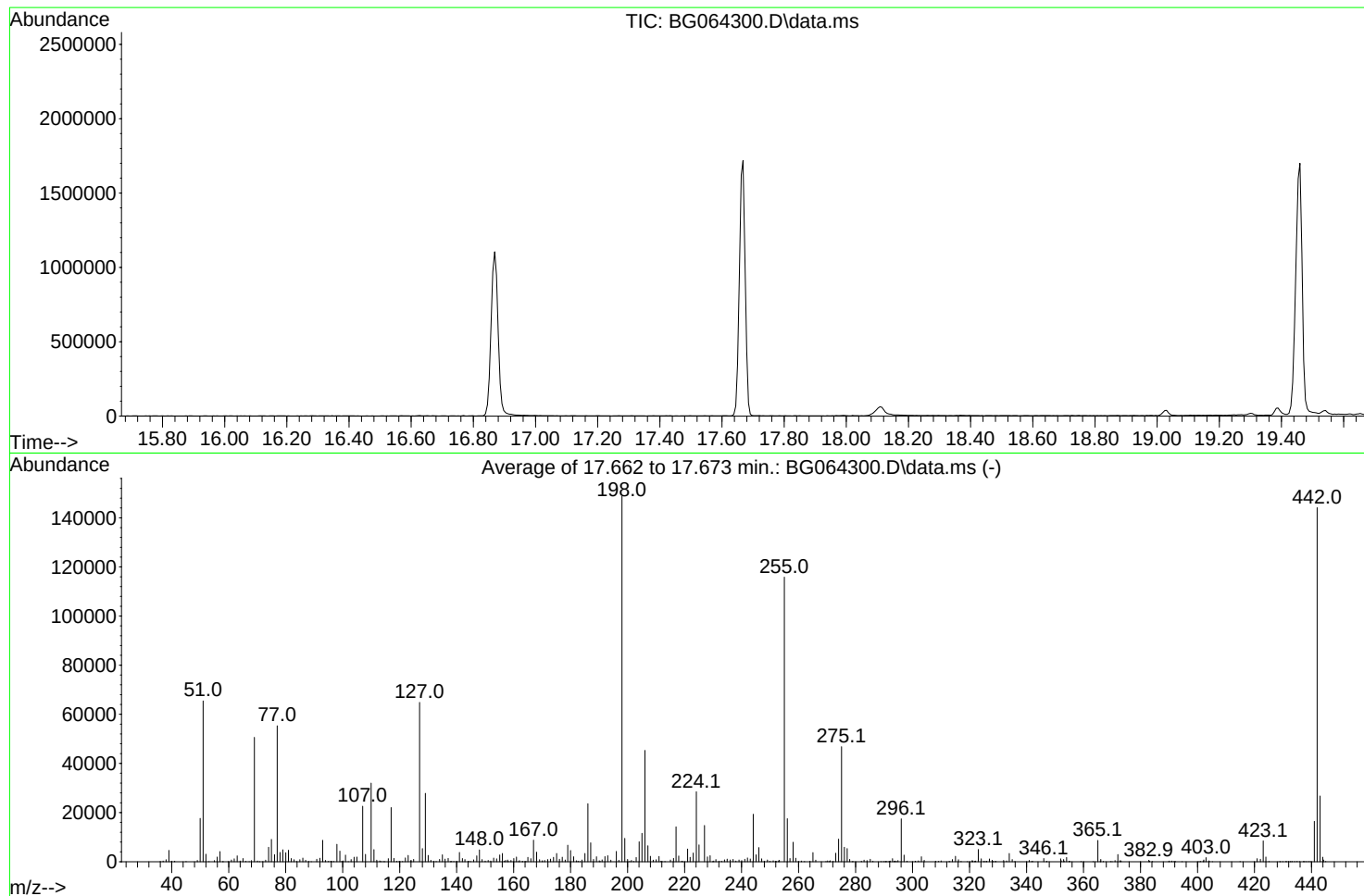
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	13.29
183.00	12.10	12.10
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
Data File : BG064300.D
Acq On : 8 Sep 2025 9:04
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-BG082825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 28 17:41:58 2025



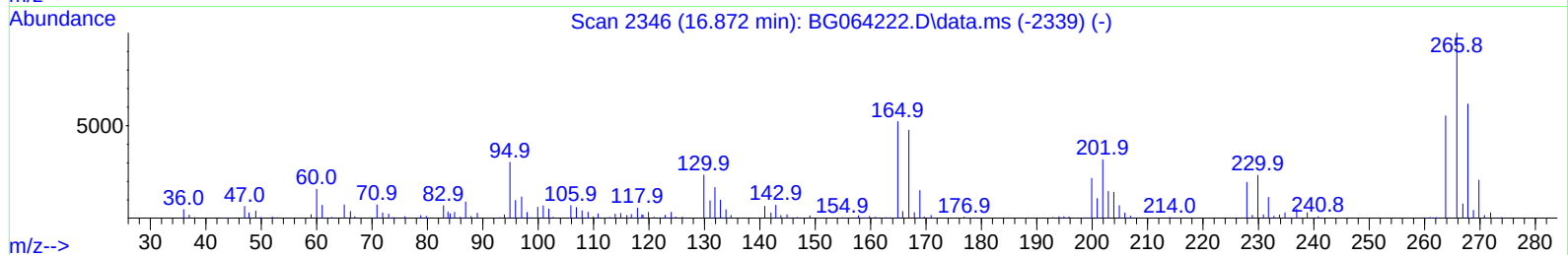
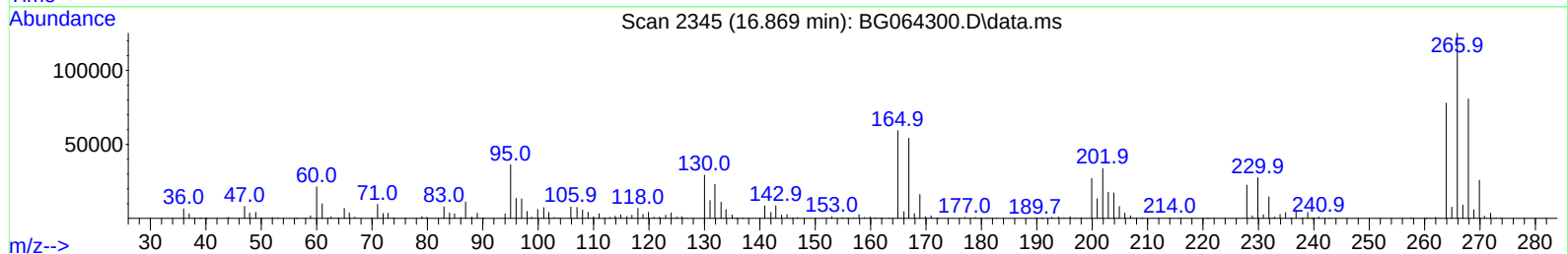
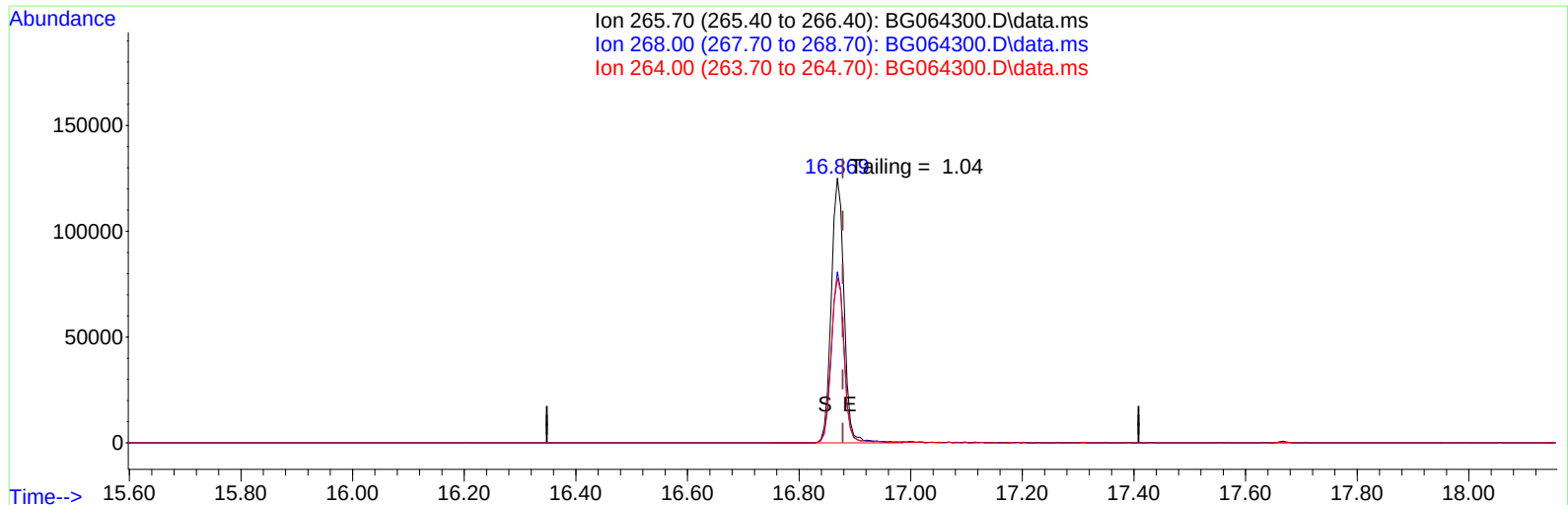
AutoFind: Scans 2480, 2481, 2482; Background Corrected with Scan 2472

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	0.9	479	PASS
69	69	100	100	100.0	50621	PASS
70	69	0.00	2	0.6	288	PASS
197	198	0.00	2	0.4	554	PASS
198	198	100	100	100.0	148797	PASS
199	198	5	9	6.4	9499	PASS
365	198	1	100	5.8	8638	PASS
441	443	0.01	150	61.4	16440	PASS
442	442	100	100	100.0	144155	PASS
443	442	15	24	18.6	26757	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
Data File : BG064300.D
Acq On : 8 Sep 2025 9:04
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Sep 08 09:42:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration



TIC: BG064300.D\data.ms

(70) Pentachlorophenol (C)

16.869min (-0.009) 433407.49 ng

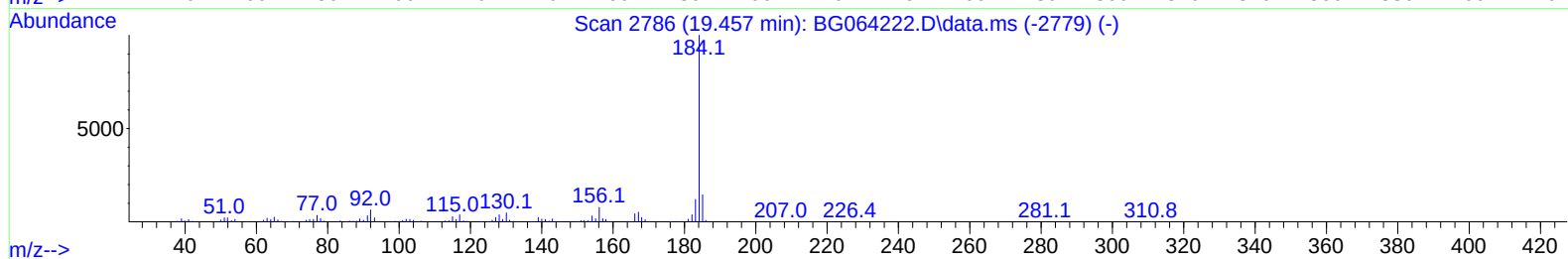
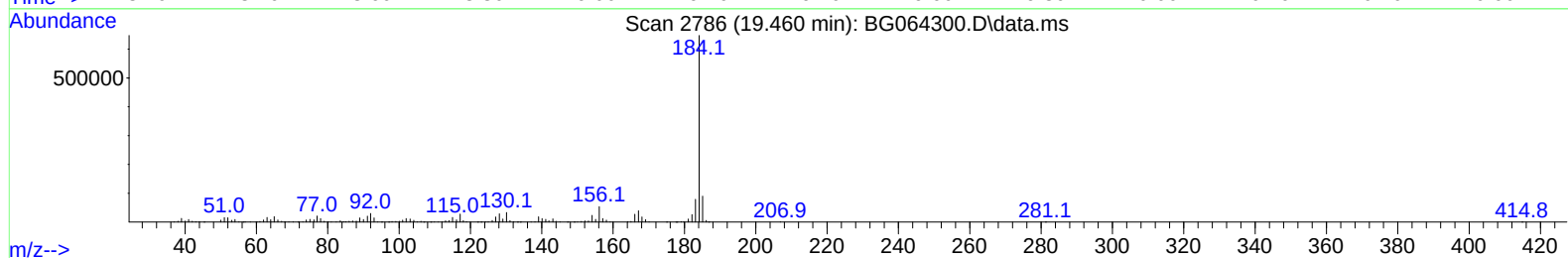
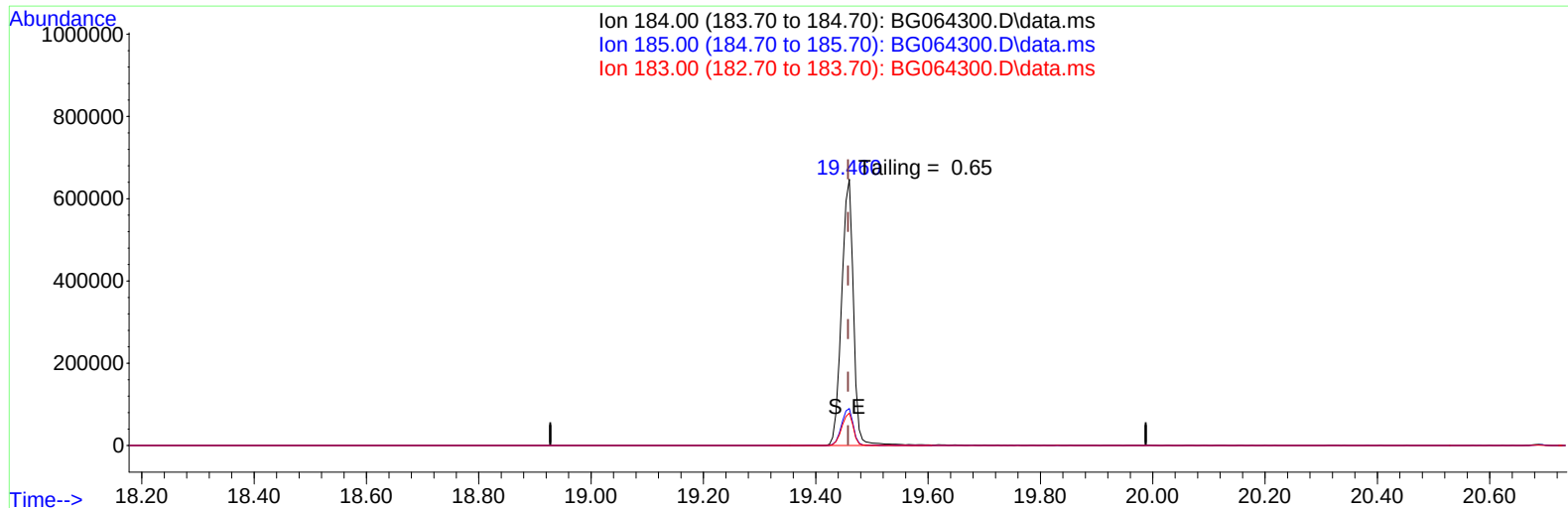
response 198373

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.70	64.55
264.00	55.40	62.23
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
Data File : BG064300.D
Acq On : 8 Sep 2025 9:04
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Sep 08 09:42:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration



TIC: BG064300.D\data.ms

(77) Benzidine

19.460min (+ 0.002) 17072.46 ng

response 943114

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	13.94
183.00	12.10	12.20
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
9/8/2025	BNA_G	<u>BG064300.D</u>
Compound Name	Response	Retention Time
DDT	548799	20.688
DDD	7520	20.247
DDE	109	19.818
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
7629	556428	1.37

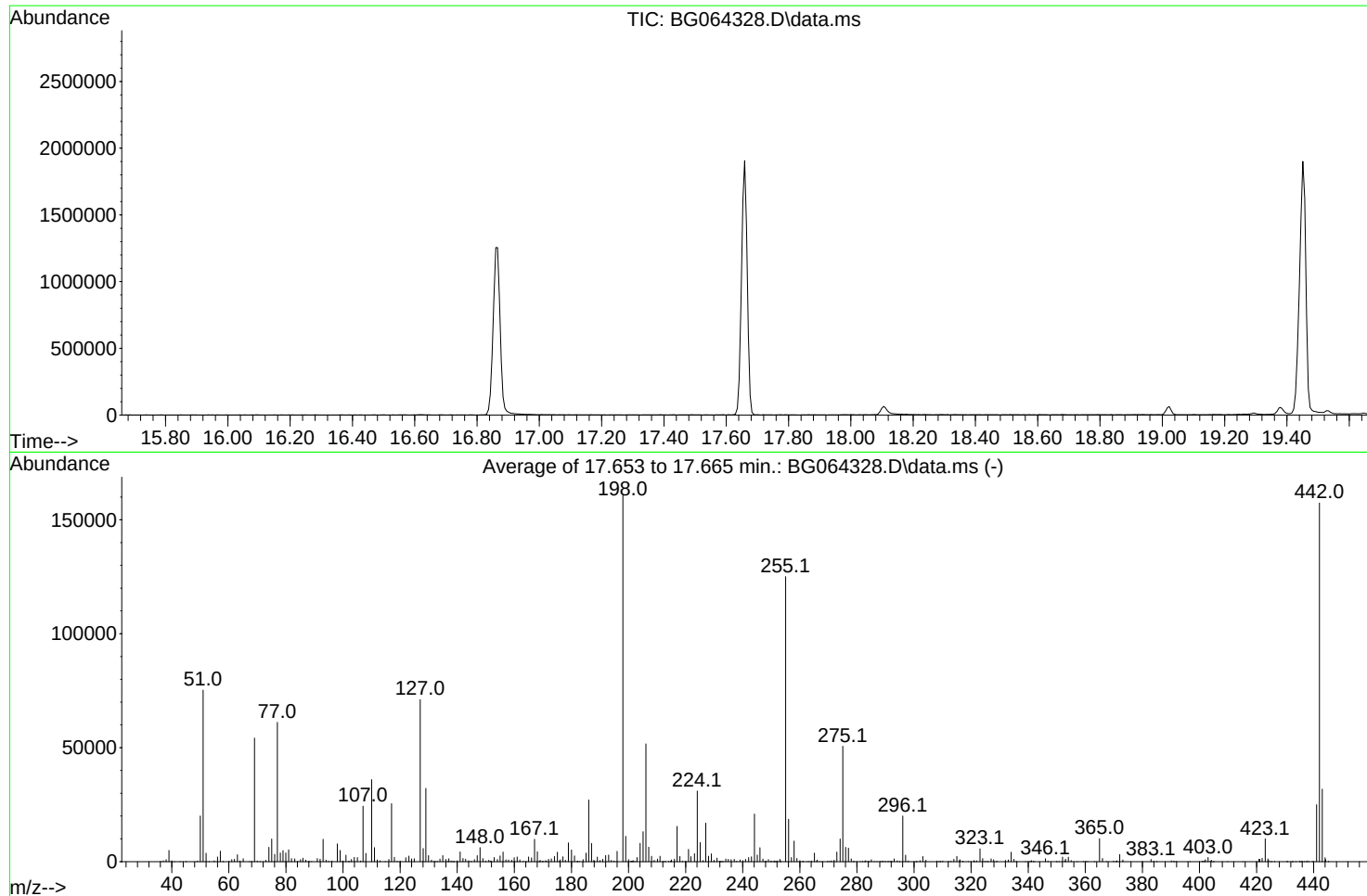
Instrument :
BNA_G
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
Data File : BG064328.D
Acq On : 10 Sep 2025 10:50
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-BG082825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 28 17:41:58 2025



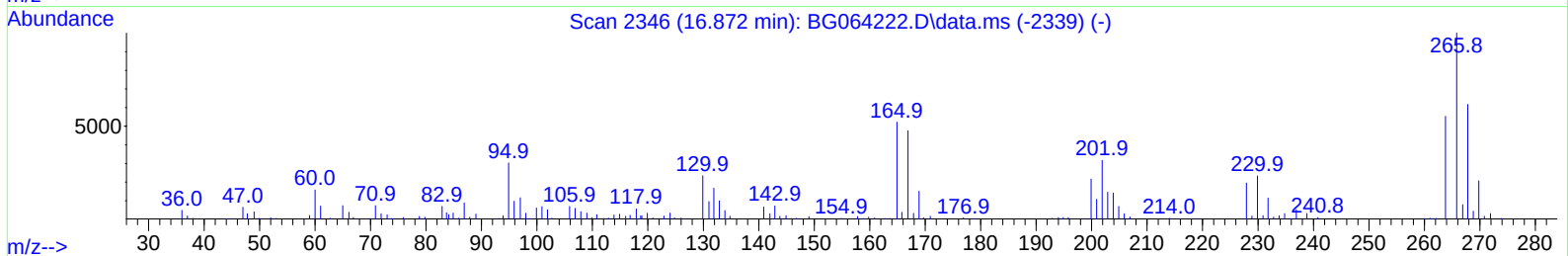
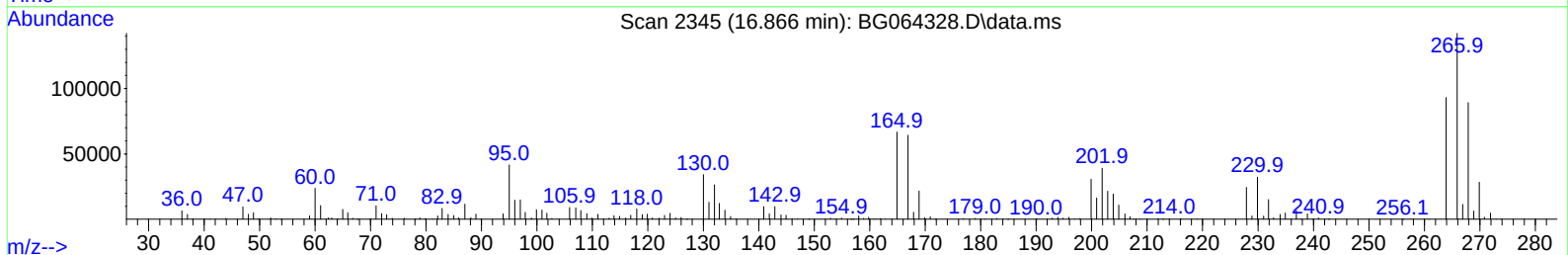
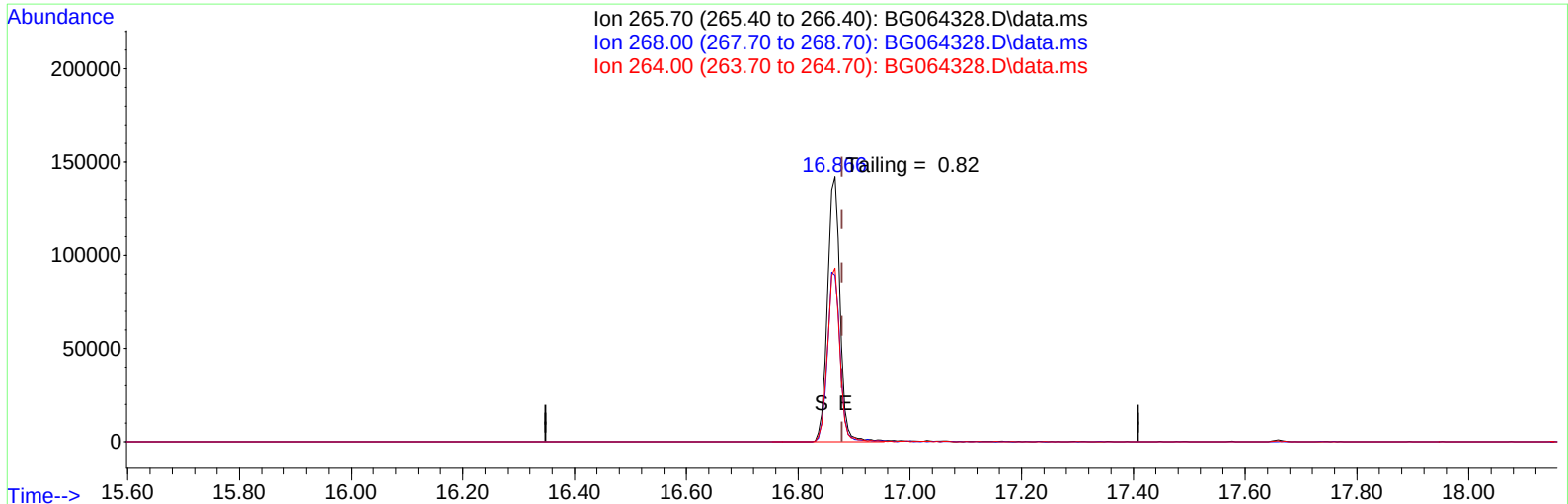
AutoFind: Scans 2479, 2480, 2481; Background Corrected with Scan 2472

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	0.3	140	PASS
69	69	100	100	100.0	54224	PASS
70	69	0.00	2	0.6	321	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	160704	PASS
199	198	5	9	6.9	11109	PASS
365	198	1	100	6.3	10071	PASS
441	443	0.01	150	78.5	24955	PASS
442	442	100	100	100.0	157347	PASS
443	442	15	24	20.2	31784	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
Data File : BG064328.D
Acq On : 10 Sep 2025 10:50
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Sep 10 12:18:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration



TIC: BG064328.D\data.ms

(70) Pentachlorophenol (C)

16.866min (-0.012) 579514.13 ng

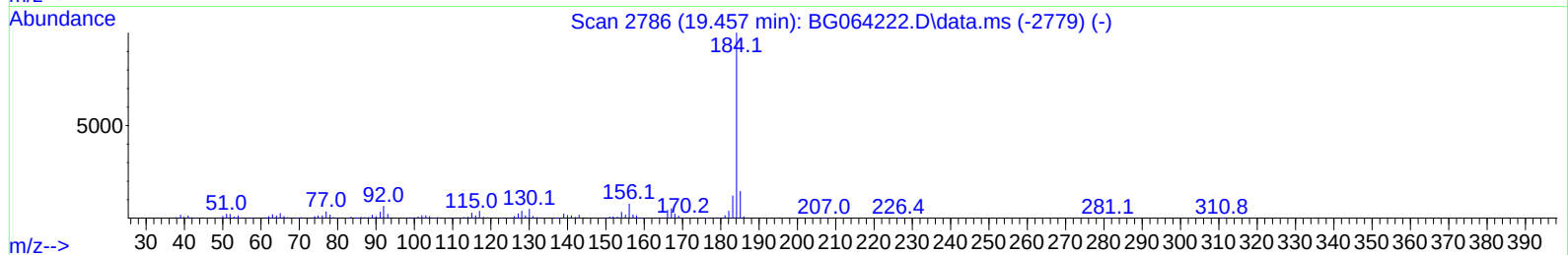
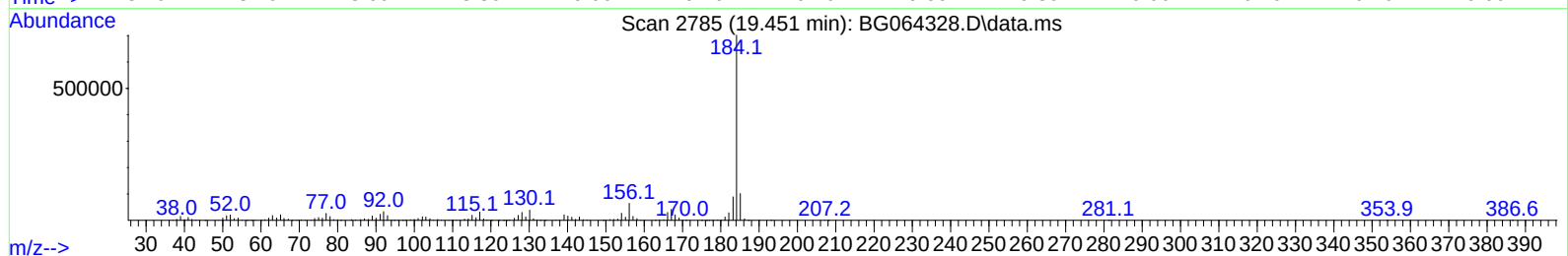
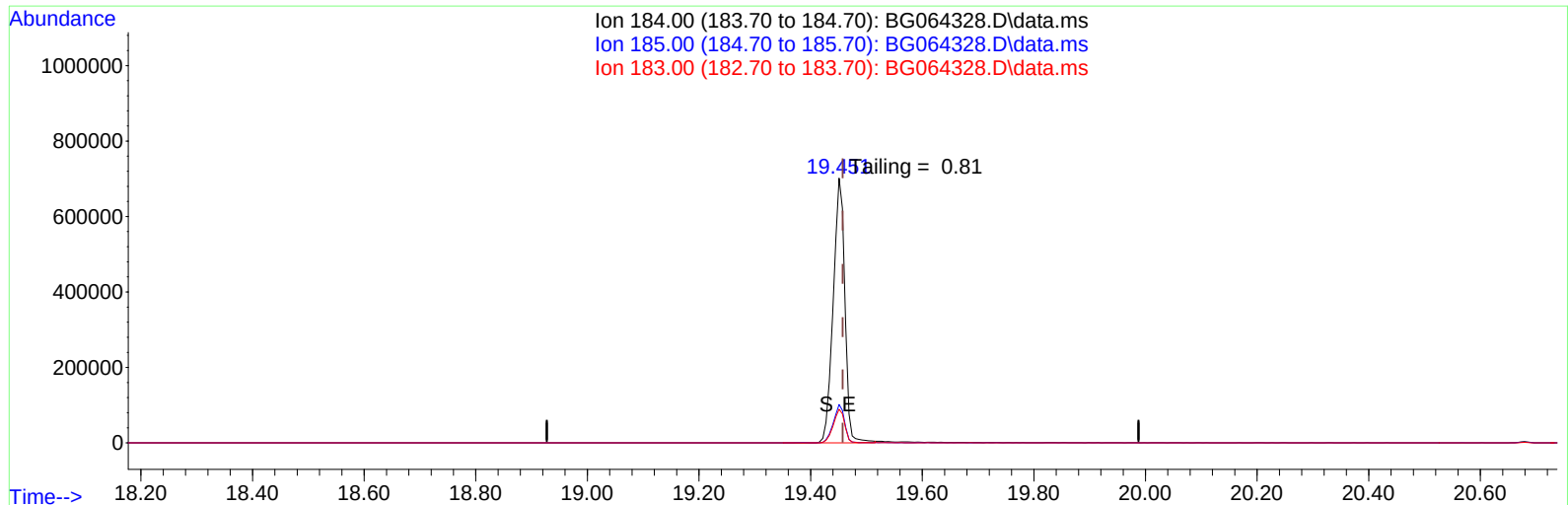
response 223802

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.70	62.79
264.00	55.40	65.48
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
Data File : BG064328.D
Acq On : 10 Sep 2025 10:50
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Sep 10 12:18:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration



TIC: BG064328.D\data.ms

(77) Benzidine

19.451min (-0.006) 234970.81 ng

response 1028136

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	14.53
183.00	12.10	12.70
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
9/10/2025	BNA_G	<u>BG064328.D</u>
Compound Name	Response	Retention Time
DDT	615490	20.679
DDD	10486	20.238
DDE	729	19.733
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
11215	626705	1.79

Instrument :
BNA_G
ClientSampleId :
DFTPP

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	
Project:	3 Coal Ave., Morristown, NJ	Date Received:	
Client Sample ID:	PB169593BL	SDG No.:	Q3032
Lab Sample ID:	PB169593BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064330.D	1	09/08/25 09:30	09/10/25 13:18	PB169593

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	160	U	160	330	ug/Kg
108-95-2	Phenol	22.1	U	22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	24.3	U	24.3	170	ug/Kg
95-57-8	2-Chlorophenol	24.4	U	24.4	170	ug/Kg
95-48-7	2-Methylphenol	29.9	U	29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	37.5	U	37.5	170	ug/Kg
98-86-2	Acetophenone	29.5	U	29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	41.1	U	41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47.4	U	47.4	79.9	ug/Kg
67-72-1	Hexachloroethane	17.6	U	17.6	170	ug/Kg
98-95-3	Nitrobenzene	18.3	U	18.3	170	ug/Kg
78-59-1	Isophorone	32.8	U	32.8	170	ug/Kg
88-75-5	2-Nitrophenol	58.2	U	58.2	170	ug/Kg
105-67-9	2,4-Dimethylphenol	64.8	U	64.8	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	30.8	U	30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	28.3	U	28.3	170	ug/Kg
91-20-3	Naphthalene	22.7	U	22.7	170	ug/Kg
106-47-8	4-Chloroaniline	35.4	U	35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	25.3	U	25.3	170	ug/Kg
105-60-2	Caprolactam	52.1	U	52.1	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	28.7	U	28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	25.6	U	25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	19.8	U	19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	29.1	U	29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	21.8	U	21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	22.5	U	22.5	170	ug/Kg
88-74-4	2-Nitroaniline	48.1	U	48.1	170	ug/Kg
131-11-3	Dimethylphthalate	27.1	U	27.1	170	ug/Kg

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	
Project:	3 Coal Ave., Morristown, NJ	Date Received:	
Client Sample ID:	PB169593BL	SDG No.:	Q3032
Lab Sample ID:	PB169593BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064330.D	1	09/08/25 09:30	09/10/25 13:18	PB169593

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	28.9	U	28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	33.6	U	33.6	170	ug/Kg
99-09-2	3-Nitroaniline	46.0	U	46.0	170	ug/Kg
83-32-9	Acenaphthene	21.3	U	21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	230	U	230	330	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	330	ug/Kg
132-64-9	Dibenzofuran	22.7	U	22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	50.1	U	50.1	170	ug/Kg
84-66-2	Diethylphthalate	28.3	U	28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26.7	U	26.7	170	ug/Kg
86-73-7	Fluorene	25.3	U	25.3	170	ug/Kg
100-01-6	4-Nitroaniline	64.2	U	64.2	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	32.9	U	32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	27.8	U	27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	25.3	U	25.3	170	ug/Kg
1912-24-9	Atrazine	34.0	U	34.0	170	ug/Kg
87-86-5	Pentachlorophenol	51.3	U	51.3	330	ug/Kg
85-01-8	Phenanthrene	20.9	U	20.9	170	ug/Kg
120-12-7	Anthracene	33.3	U	33.3	170	ug/Kg
86-74-8	Carbazole	31.2	U	31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	47.9	U	47.9	170	ug/Kg
206-44-0	Fluoranthene	30.0	U	30.0	170	ug/Kg
129-00-0	Pyrene	36.0	U	36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	71.4	U	71.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	36.7	U	36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	23.0	U	23.0	170	ug/Kg
218-01-9	Chrysene	19.9	U	19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.2	U	59.2	170	ug/Kg
117-84-0	Di-n-octyl phthalate	86.7	U	86.7	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	19.0	U	19.0	170	ug/Kg

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	
Project:	3 Coal Ave., Morristown, NJ	Date Received:	
Client Sample ID:	PB169593BL	SDG No.:	Q3032
Lab Sample ID:	PB169593BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064330.D	1	09/08/25 09:30	09/10/25 13:18	PB169593

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	22.4	U	22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	29.5	U	29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	27.4	U	27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25.7	U	25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	25.6	U	25.6	170	ug/Kg
123-91-1	1,4-Dioxane	45.2	U	45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	27.4	U	27.4	170	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	135		30 (18) - 130 (112)	90%	SPK: 150
13127-88-3	Phenol-d6	128		30 (15) - 130 (107)	86%	SPK: 150
4165-60-0	Nitrobenzene-d5	99.4		30 (18) - 130 (107)	99%	SPK: 100
321-60-8	2-Fluorobiphenyl	96.1		30 (20) - 130 (109)	96%	SPK: 100
118-79-6	2,4,6-Tribromophenol	174		30 (10) - 130 (116)	116%	SPK: 150
1718-51-0	Terphenyl-d14	100		30 (10) - 130 (105)	100%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	23600	7.843	
1146-65-2	Naphthalene-d8	95400	10.633	
15067-26-2	Acenaphthene-d10	68700	14.47	
1517-22-2	Phenanthrene-d10	175000	17.208	
1719-03-5	Chrysene-d12	194000	21.432	
1520-96-3	Perylene-d12	213000	24.435	

TENTATIVE IDENTIFIED COMPOUNDS

000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	400	A		4.96	ug/Kg

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	
Project:	3 Coal Ave., Morristown, NJ	Date Received:	
Client Sample ID:	PB169593BL	SDG No.:	Q3032
Lab Sample ID:	PB169593BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064330.D	1	09/08/25 09:30	09/10/25 13:18	PB169593

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

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\BG091025\
Data File : BG064330.D
Acq On : 10 Sep 2025 13:18
Operator : RC/JU
Sample : PB169593BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB169593BL

Quant Time: Sep 10 13:58:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.843	152	23634	20.000	ng	-0.02
21) Naphthalene-d8	10.633	136	95435	20.000	ng	-0.02
39) Acenaphthene-d10	14.470	164	68731	20.000	ng	-0.01
64) Phenanthrene-d10	17.208	188	174502	20.000	ng	#-0.02
76) Chrysene-d12	21.432	240	194396	20.000	ng	#-0.02
86) Perylene-d12	24.435	264	213111	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	178305	135.354	ng	-0.01
7) Phenol-d6	7.014	99	232237	128.324	ng	-0.02
23) Nitrobenzene-d5	8.994	82	170081	99.392	ng	-0.02
42) 2,4,6-Tribromophenol	15.957	330	158338	173.926	ng	-0.02
45) 2-Fluorobiphenyl	13.095	172	432898	96.136	ng	-0.02
79) Terphenyl-d14	19.828	244	933337	100.170	ng	-0.02

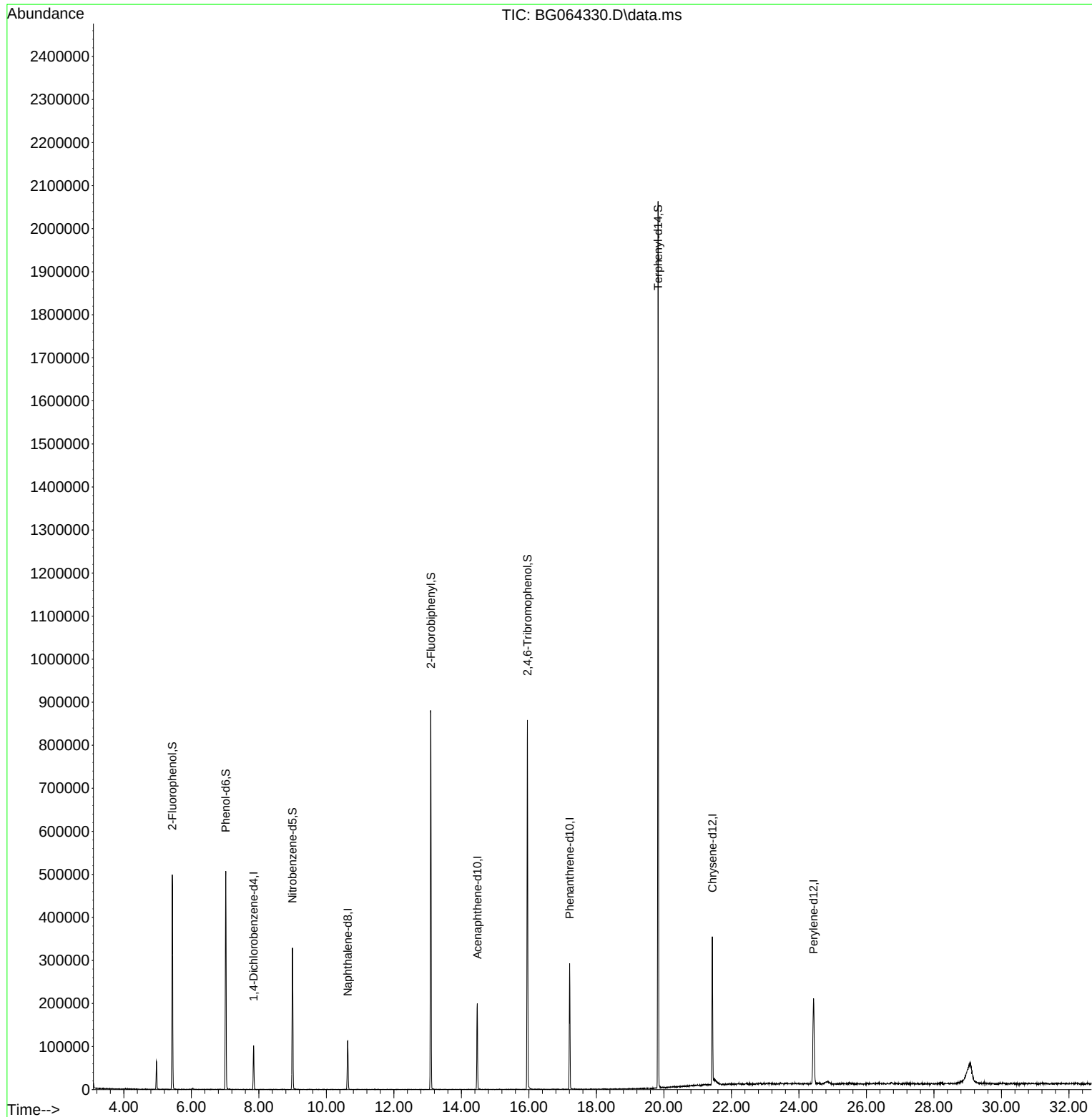
Target Compounds	Qvalue

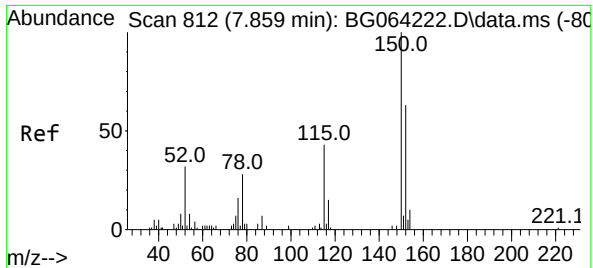
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
Data File : BG064330.D
Acq On : 10 Sep 2025 13:18
Operator : RC/JU
Sample : PB169593BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB169593BL

Quant Time: Sep 10 13:58:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

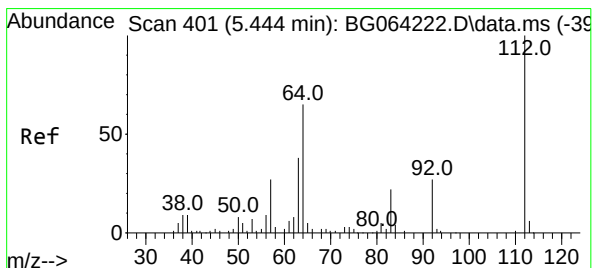
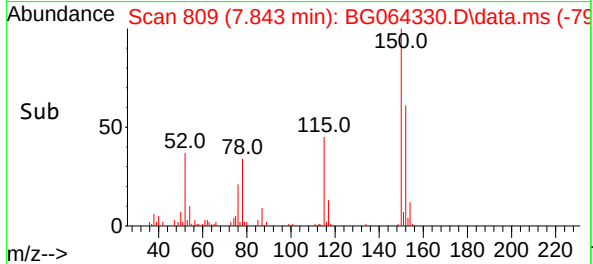
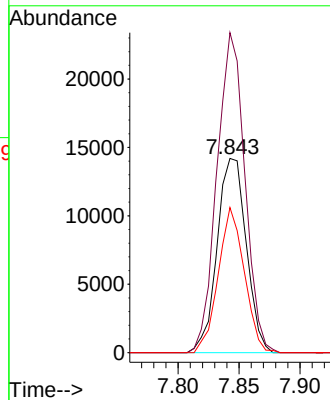
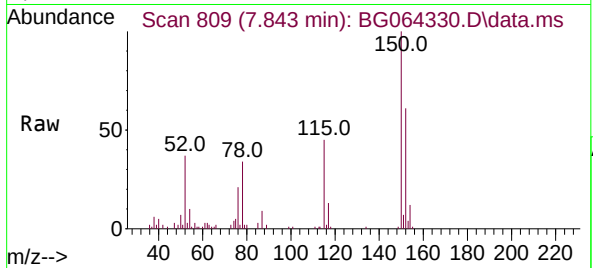




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.843 min Scan# 809
Delta R.T. -0.016 min
Lab File: BG064330.D
Acq: 10 Sep 2025 13:18

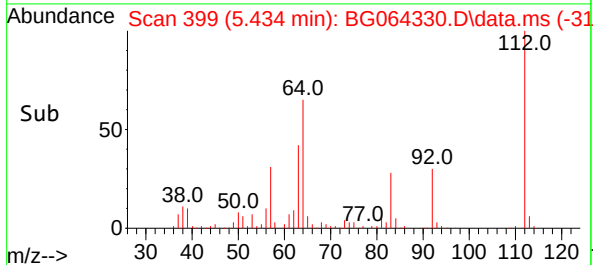
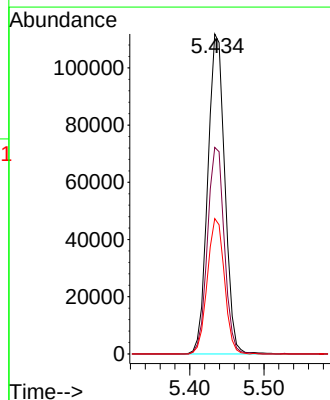
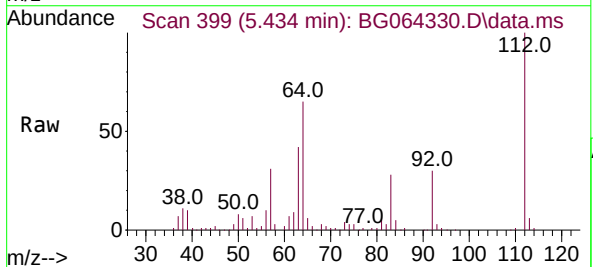
Instrument :
BNA_G
ClientSampleId :
PB169593BL

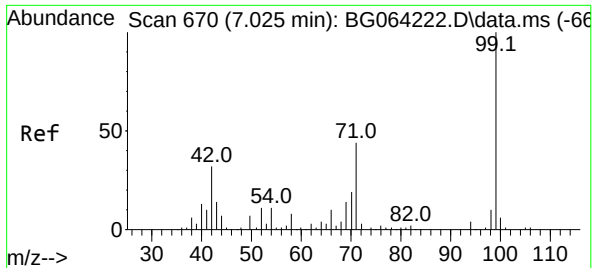
Tgt Ion	Ratio	Lower	Upper
152	100		
150	164.8	128.0	192.0
115	74.7	55.7	83.5



#5
2-Fluorophenol
Concen: 135.354 ng
RT: 5.434 min Scan# 399
Delta R.T. -0.011 min
Lab File: BG064330.D
Acq: 10 Sep 2025 13:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.5	51.8	77.6
63	42.3	30.6	45.8

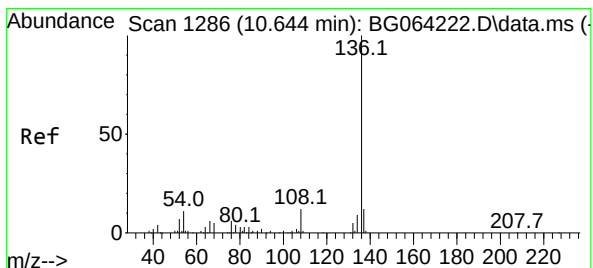
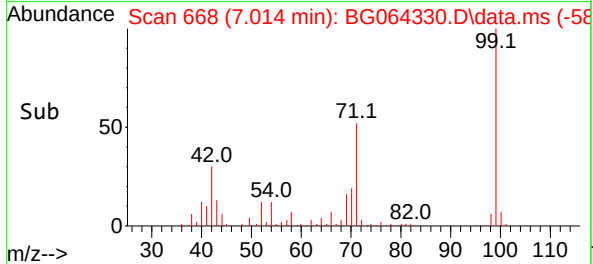
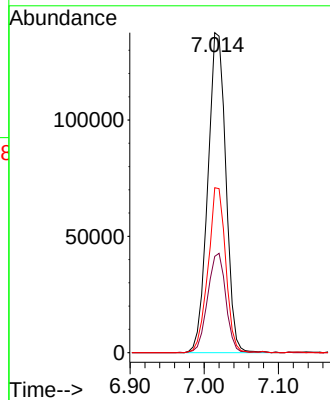
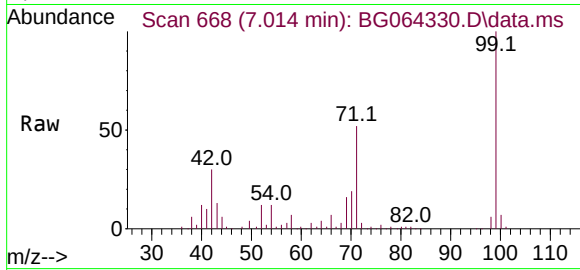




#7
Phenol-d6
Concen: 128.324 ng
RT: 7.014 min Scan# 60
Delta R.T. -0.017 min
Lab File: BG064330.D
Acq: 10 Sep 2025 13:18

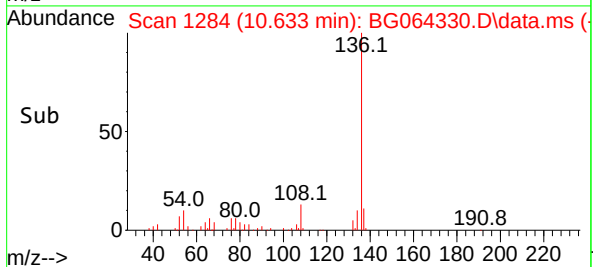
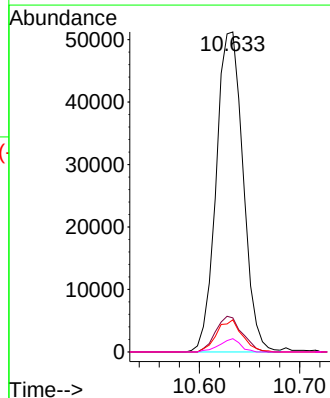
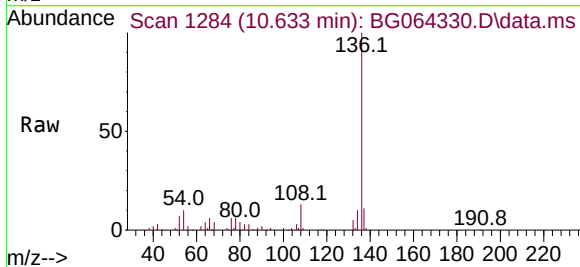
Instrument :
BNA_G
ClientSampleId :
PB169593BL

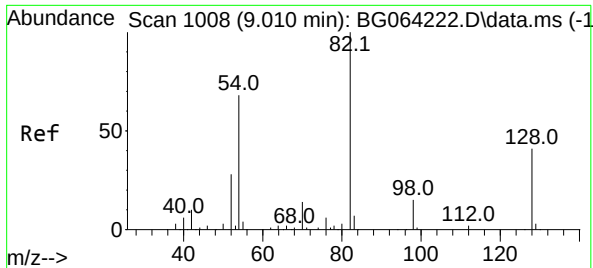
Tgt Ion: 99 Resp: 232237
Ion Ratio Lower Upper
99 100
42 30.1 25.8 38.8
71 51.5 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.633 min Scan# 1284
Delta R.T. -0.017 min
Lab File: BG064330.D
Acq: 10 Sep 2025 13:18

Tgt Ion: 136 Resp: 95435
Ion Ratio Lower Upper
136 100
137 10.7 9.6 14.4
54 10.0 8.8 13.2
68 4.1 4.1 6.1





#23

Nitrobenzene-d5

Concen: 99.392 ng

RT: 8.994 min Scan# 10

Delta R.T. -0.022 min

Lab File: BG064330.D

Acq: 10 Sep 2025 13:18

Instrument :

BNA_G

ClientSampleId :

PB169593BL

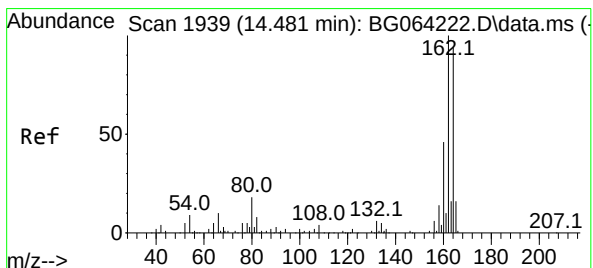
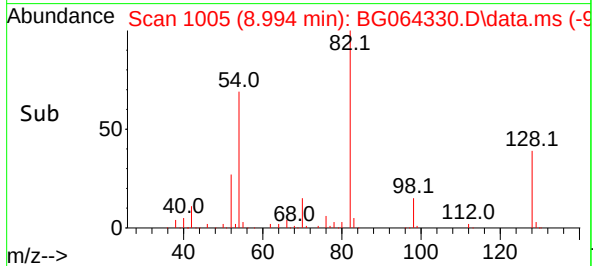
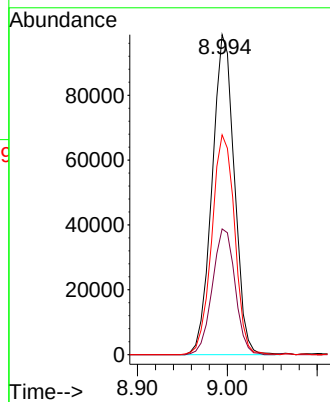
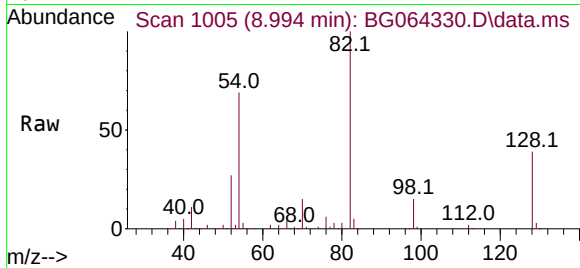
Tgt Ion: 82 Resp: 170081

Ion Ratio Lower Upper

82 100

128 39.3 32.6 48.8

54 68.7 54.7 82.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.470 min Scan# 1937

Delta R.T. -0.011 min

Lab File: BG064330.D

Acq: 10 Sep 2025 13:18

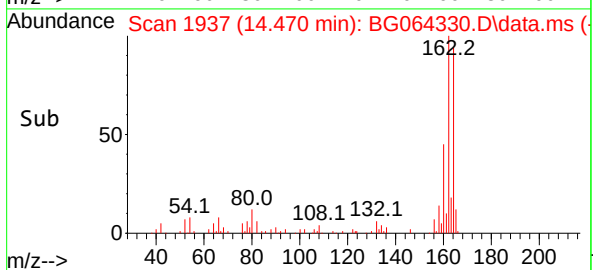
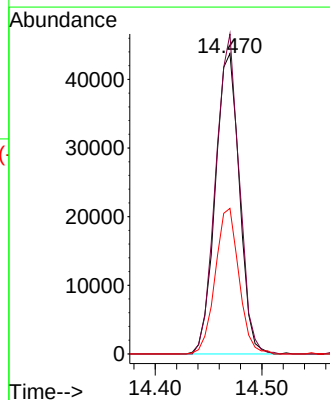
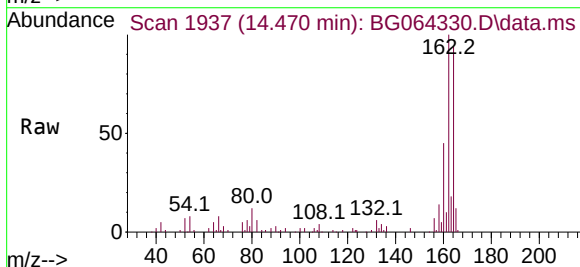
Tgt Ion:164 Resp: 68731

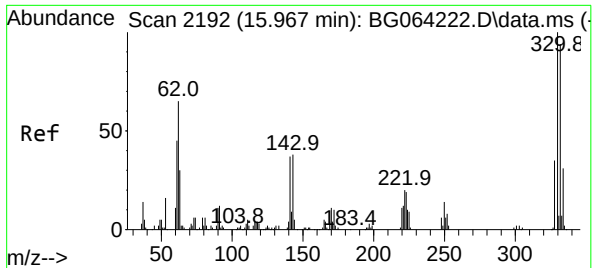
Ion Ratio Lower Upper

164 100

162 106.5 85.4 128.0

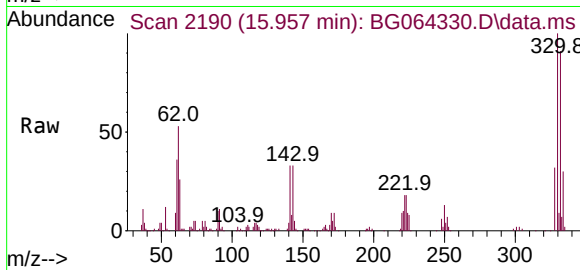
160 48.5 39.2 58.8



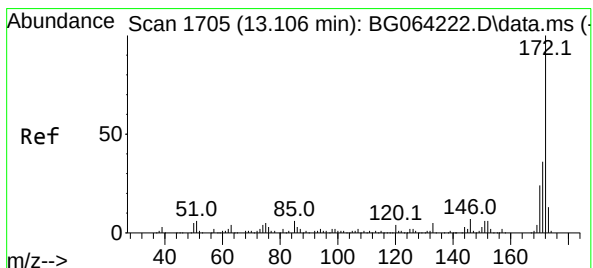
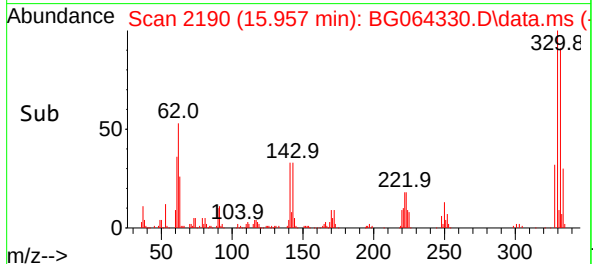
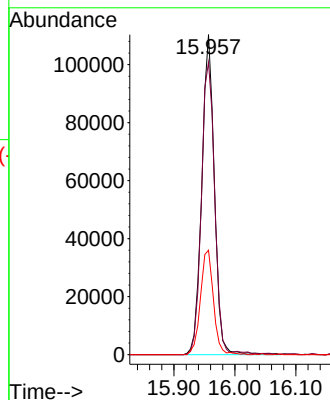


#42
2,4,6-Tribromophenol
Concen: 173.926 ng
RT: 15.957 min Scan# 2192
Delta R.T. -0.017 min
Lab File: BG064330.D
Acq: 10 Sep 2025 13:18

Instrument :
BNA_G
ClientSampleId :
PB169593BL

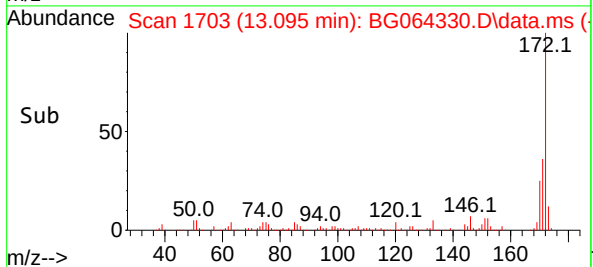
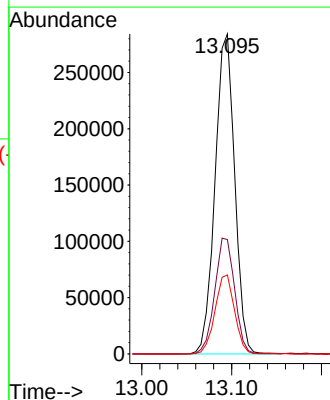
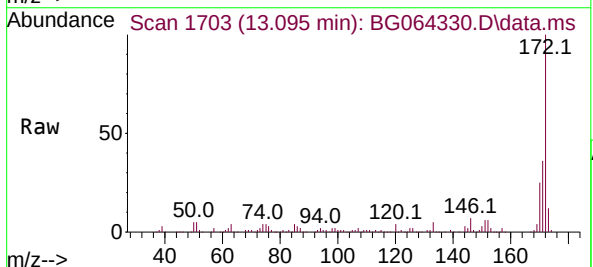


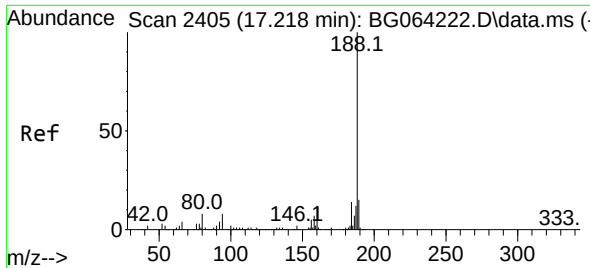
Tgt Ion:330 Resp: 158338
Ion Ratio Lower Upper
330 100
332 95.5 77.6 116.4
141 33.7 29.8 44.6



#45
2-Fluorobiphenyl
Concen: 96.136 ng
RT: 13.095 min Scan# 1703
Delta R.T. -0.017 min
Lab File: BG064330.D
Acq: 10 Sep 2025 13:18

Tgt Ion:172 Resp: 432898
Ion Ratio Lower Upper
172 100
171 35.7 28.7 43.1
170 24.7 19.0 28.6

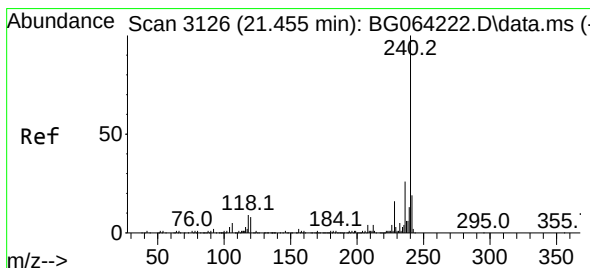
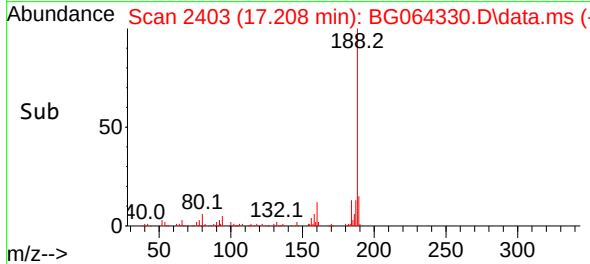
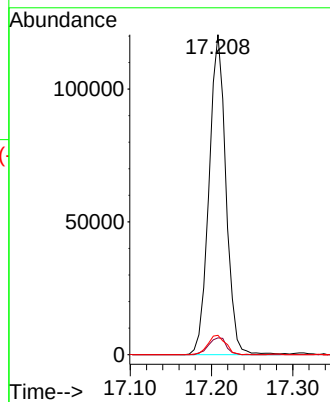
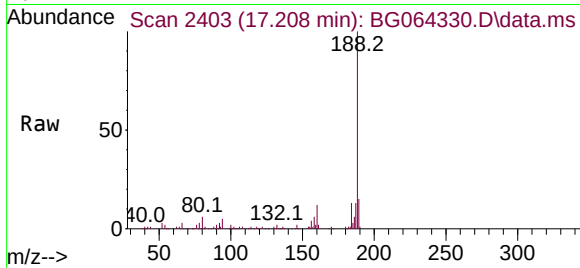




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.208 min Scan# 2405
Delta R.T. -0.017 min
Lab File: BG064330.D
Acq: 10 Sep 2025 13:18

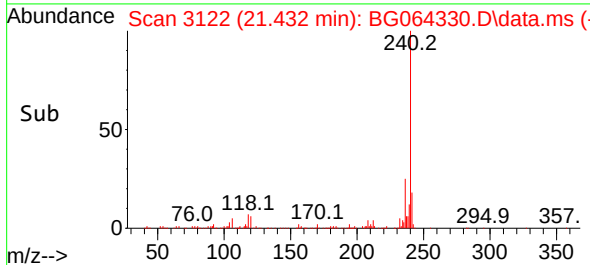
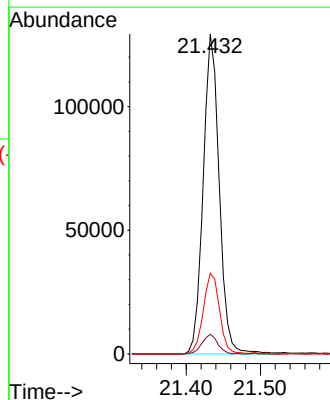
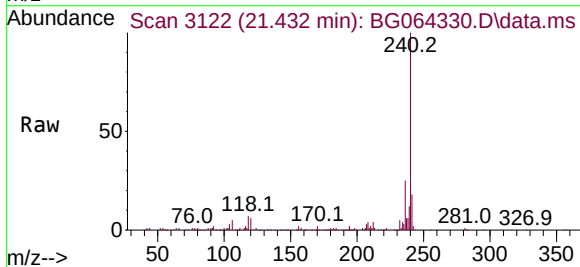
Instrument :
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ClientSampleId :
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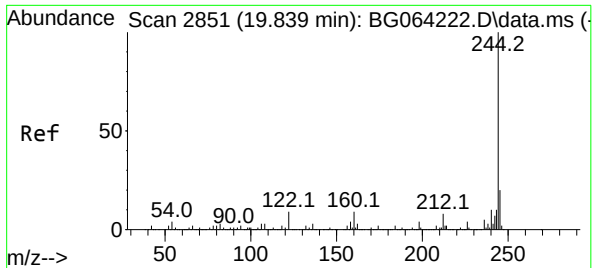
Tgt Ion:188 Resp: 174502
Ion Ratio Lower Upper
188 100
94 5.2 6.2 9.4#
80 6.0 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.432 min Scan# 3122
Delta R.T. -0.023 min
Lab File: BG064330.D
Acq: 10 Sep 2025 13:18

Tgt Ion:240 Resp: 194396
Ion Ratio Lower Upper
240 100
120 6.1 6.2 9.4#
236 25.2 20.5 30.7

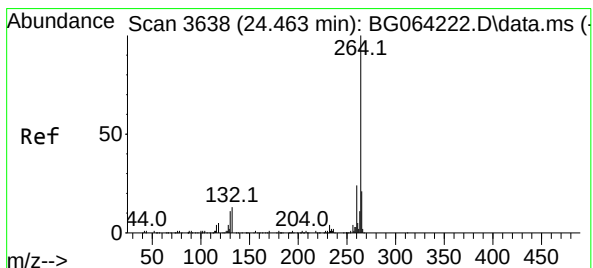
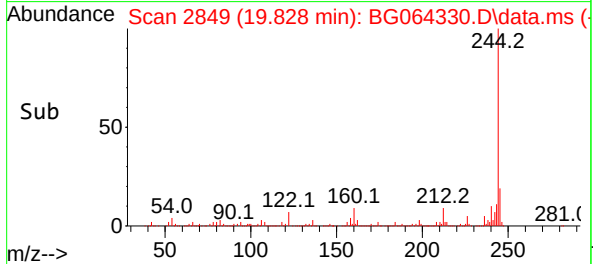
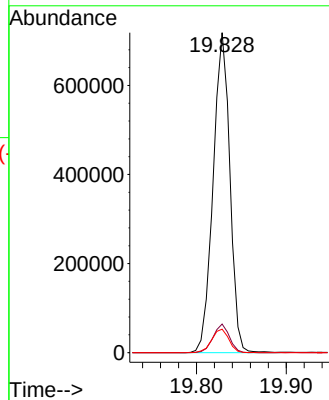
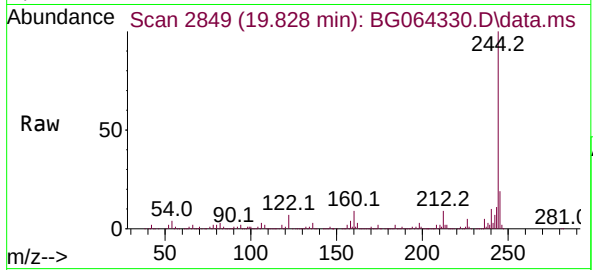




#79
Terphenyl-d14
Concen: 100.170 ng
RT: 19.828 min Scan# 2849
Delta R.T. -0.017 min
Lab File: BG064330.D
Acq: 10 Sep 2025 13:18

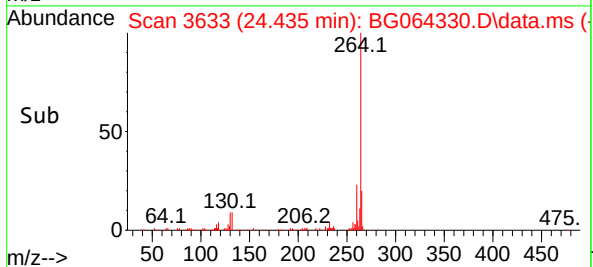
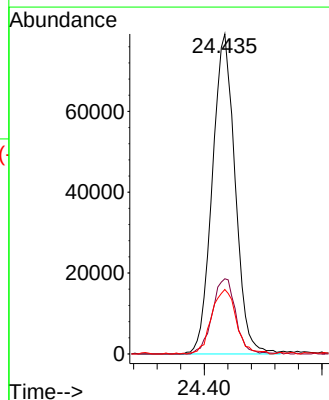
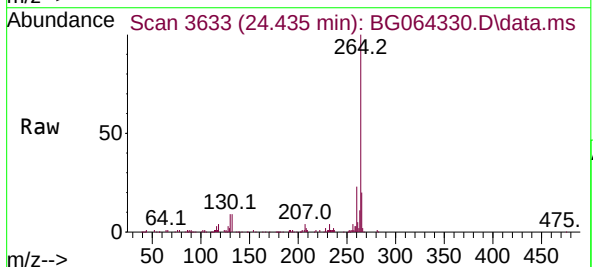
Instrument :
BNA_G
ClientSampleId :
PB169593BL

Tgt Ion:244 Resp: 933337
Ion Ratio Lower Upper
244 100
212 8.9 6.6 10.0
122 7.3 7.0 10.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.435 min Scan# 3633
Delta R.T. -0.028 min
Lab File: BG064330.D
Acq: 10 Sep 2025 13:18

Tgt Ion:264 Resp: 213111
Ion Ratio Lower Upper
264 100
260 23.5 18.9 28.3
265 20.1 16.7 25.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
Data File : BG064330.D
Acq On : 10 Sep 2025 13:18
Operator : RC/JU
Sample : PB169593BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB169593BL

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-BG082825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064330.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.964	314	319	328	rVB	65370	96021	3.60%	0.979%
2	5.434	392	399	409	rBV	498842	774041	29.01%	7.894%
3	7.020	661	669	677	rBV	506931	858875	32.19%	8.759%
4	7.843	803	809	816	rVB	102438	161272	6.04%	1.645%
5	8.994	997	1005	1014	rBV	329238	578616	21.68%	5.901%
6	10.633	1277	1284	1295	rBV	112867	208431	7.81%	2.126%
7	13.089	1695	1702	1710	rBV	880221	1353747	50.73%	13.806%
8	14.470	1930	1937	1945	rBV	199523	309771	11.61%	3.159%
9	15.957	2183	2190	2204	rBV	857081	1276348	47.83%	13.017%
10	17.208	2396	2403	2410	rBV2	292324	431476	16.17%	4.400%
11	19.828	2843	2849	2859	rBV	2060245	2668470	100.00%	27.215%
12	21.432	3116	3122	3129	rBV2	344067	531234	19.91%	5.418%
13	24.435	3623	3633	3647	rVB	198876	556897	20.87%	5.680%

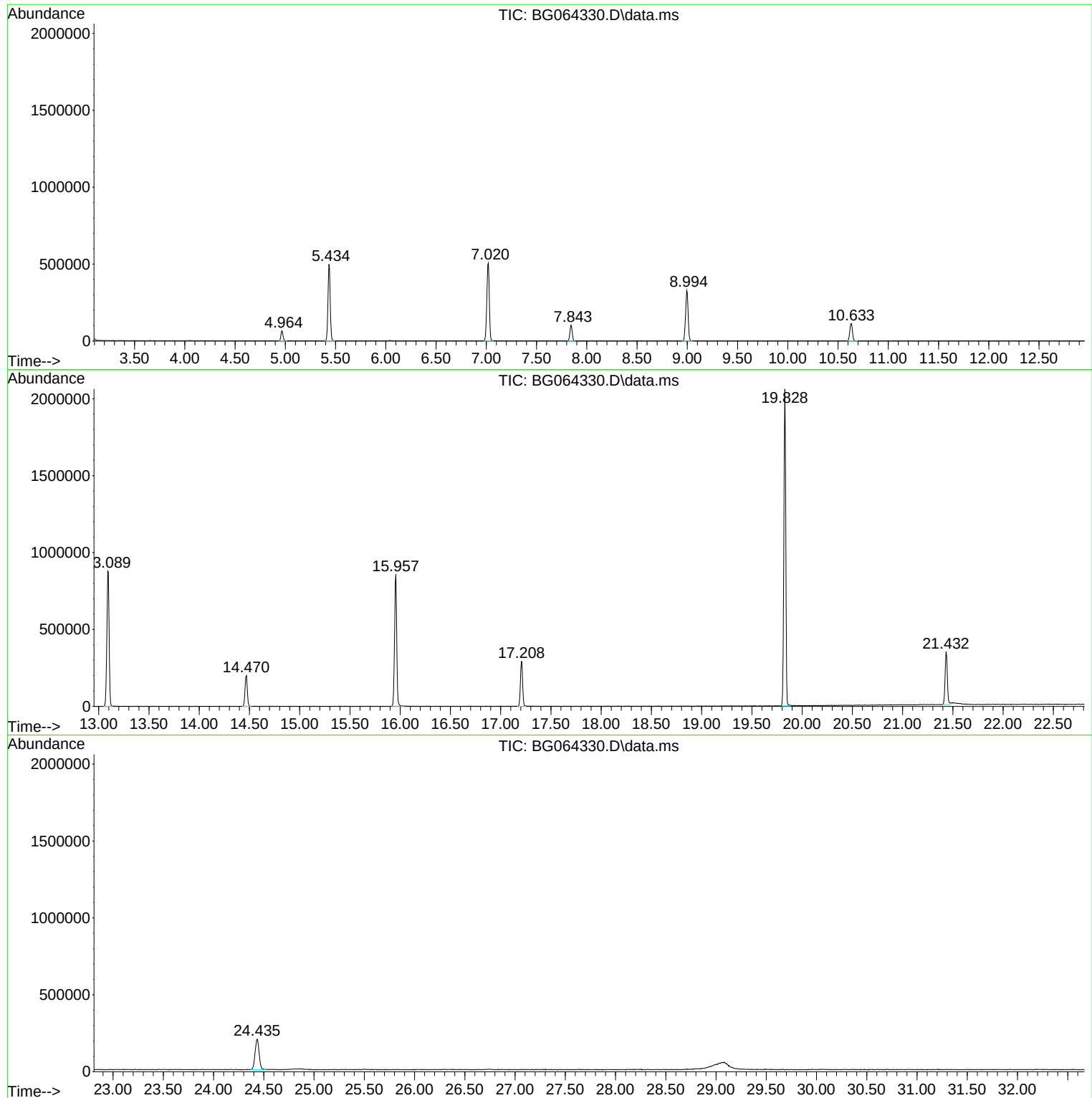
Sum of corrected areas: 9805199

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
Data File : BG064330.D
Acq On : 10 Sep 2025 13:18
Operator : RC/JU
Sample : PB169593BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB169593BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.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\BG091025\
Data File : BG064330.D
Acq On : 10 Sep 2025 13:18
Operator : RC/JU
Sample : PB169593BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB169593BL

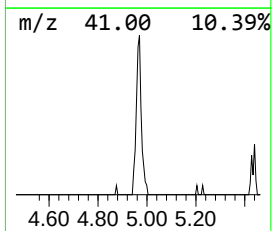
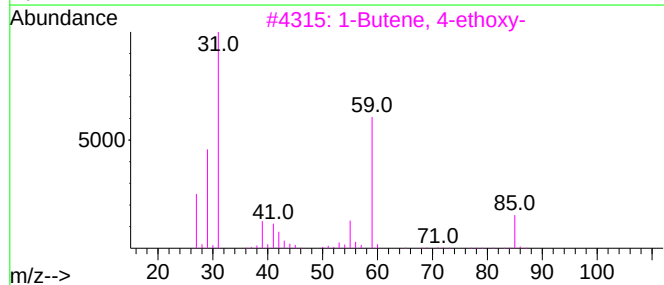
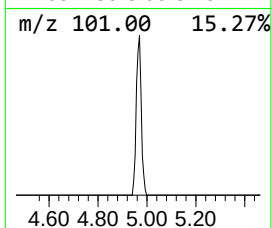
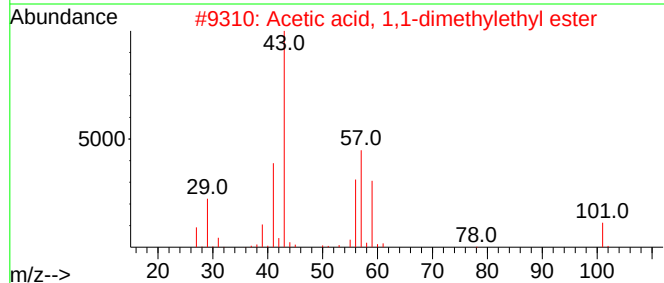
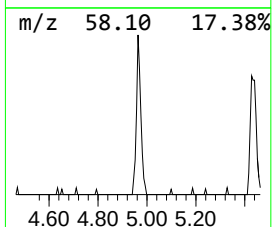
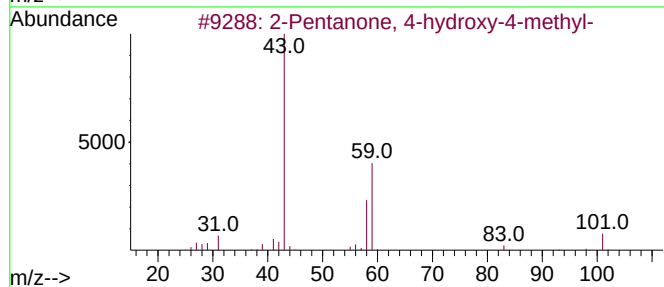
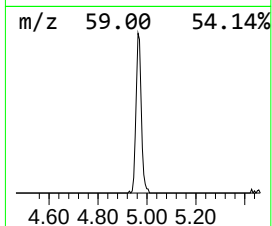
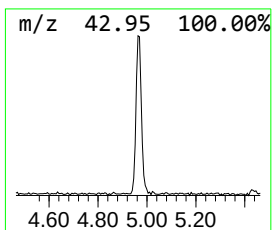
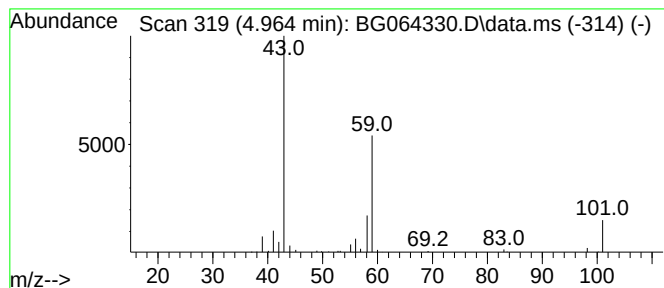
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.964	11.91 ng	96021	1,4-Dichlorobenzene-d4	7.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3			1-Butene, 4-ethoxy-	100	C6H12O	044611-46-3	12
4			2-Heptanone, 7,7-dichloro-	182	C7H12Cl2O	066241-43-8	12
5			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
Data File : BG064330.D
Acq On : 10 Sep 2025 13:18
Operator : RC/JU
Sample : PB169593BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB169593BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.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
2-Pentanone, 4-...	4.964	11.9	ng	96021	1	7.843	161272	20.0

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	
Project:	3 Coal Ave., Morristown, NJ	Date Received:	
Client Sample ID:	PB169593BS	SDG No.:	Q3032
Lab Sample ID:	PB169593BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064331.D	1	09/08/25 09:30	09/10/25 13:58	PB169593

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	650		160	330	ug/Kg
108-95-2	Phenol	1400		22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1200		24.3	170	ug/Kg
95-57-8	2-Chlorophenol	1500		24.4	170	ug/Kg
95-48-7	2-Methylphenol	1400		29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000		37.5	170	ug/Kg
98-86-2	Acetophenone	1500		29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	1300		41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1200		47.4	79.9	ug/Kg
67-72-1	Hexachloroethane	1400		17.6	170	ug/Kg
98-95-3	Nitrobenzene	1500		18.3	170	ug/Kg
78-59-1	Isophorone	1300		32.8	170	ug/Kg
88-75-5	2-Nitrophenol	1600		58.1	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1600		64.7	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1300		30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		28.3	170	ug/Kg
91-20-3	Naphthalene	1400		22.7	170	ug/Kg
106-47-8	4-Chloroaniline	920		35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	1700		25.3	170	ug/Kg
105-60-2	Caprolactam	1300		52.0	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	1300		25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5000	E	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	1500		21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	1500		22.5	170	ug/Kg
88-74-4	2-Nitroaniline	1600		48.1	170	ug/Kg
131-11-3	Dimethylphthalate	1500		27.1	170	ug/Kg

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	
Project:	3 Coal Ave., Morristown, NJ	Date Received:	
Client Sample ID:	PB169593BS	SDG No.:	Q3032
Lab Sample ID:	PB169593BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064331.D	1	09/08/25 09:30	09/10/25 13:58	PB169593

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1700		28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1700		33.6	170	ug/Kg
99-09-2	3-Nitroaniline	1200		46.0	170	ug/Kg
83-32-9	Acenaphthene	1400		21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	3400	E	230	330	ug/Kg
100-02-7	4-Nitrophenol	3100	E	110	330	ug/Kg
132-64-9	Dibenzofuran	1500		22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		50.0	170	ug/Kg
84-66-2	Diethylphthalate	1500		28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		26.7	170	ug/Kg
86-73-7	Fluorene	1500		25.3	170	ug/Kg
100-01-6	4-Nitroaniline	1600		64.1	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1800		100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	1600		25.3	170	ug/Kg
1912-24-9	Atrazine	1600		34.0	170	ug/Kg
87-86-5	Pentachlorophenol	3600	E	51.2	330	ug/Kg
85-01-8	Phenanthrene	1500		20.9	170	ug/Kg
120-12-7	Anthracene	1500		33.3	170	ug/Kg
86-74-8	Carbazole	1500		31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	1600		47.9	170	ug/Kg
206-44-0	Fluoranthene	1600		30.0	170	ug/Kg
129-00-0	Pyrene	1500		36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	1500		71.3	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		23.0	170	ug/Kg
218-01-9	Chrysene	1500		19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		59.1	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		86.7	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		19.0	170	ug/Kg

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	
Project:	3 Coal Ave., Morristown, NJ	Date Received:	
Client Sample ID:	PB169593BS	SDG No.:	Q3032
Lab Sample ID:	PB169593BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064331.D	1	09/08/25 09:30	09/10/25 13:58	PB169593

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1500		22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		25.6	170	ug/Kg
123-91-1	1,4-Dioxane	1000		45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800		27.4	170	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	126		30 (18) - 130 (112)	84%	SPK: 150
13127-88-3	Phenol-d6	123		30 (15) - 130 (107)	82%	SPK: 150
4165-60-0	Nitrobenzene-d5	88.3		30 (18) - 130 (107)	88%	SPK: 100
321-60-8	2-Fluorobiphenyl	88.0		30 (20) - 130 (109)	88%	SPK: 100
118-79-6	2,4,6-Tribromophenol	153		30 (10) - 130 (116)	102%	SPK: 150
1718-51-0	Terphenyl-d14	91.4		30 (10) - 130 (105)	91%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	23200	7.847
1146-65-2	Naphthalene-d8	98200	10.632
15067-26-2	Acenaphthene-d10	69500	14.469
1517-22-2	Phenanthrene-d10	168000	17.212
1719-03-5	Chrysene-d12	182000	21.443
1520-96-3	Perylene-d12	202000	24.439

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\BG091025\
 Data File : BG064331.D
 Acq On : 10 Sep 2025 13:58
 Operator : RC/JU
 Sample : PB169593BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB169593BS

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/11/2025

Supervised By :Jagrut Upadhyay 09/11/2025

Quant Time: Sep 10 14:36:44 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 28 17:41:58 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.847	152	23229	20.000	ng	-0.01
21) Naphthalene-d8	10.632	136	98242	20.000	ng	#-0.02
39) Acenaphthene-d10	14.469	164	69463	20.000	ng	-0.01
64) Phenanthrene-d10	17.212	188	167983	20.000	ng	#-0.01
76) Chrysene-d12	21.443	240	181826	20.000	ng	#-0.01
86) Perylene-d12	24.439	264	201546	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.438	112	163417	126.215	ng	0.00
7) Phenol-d6	7.019	99	218277	122.713	ng	-0.01
23) Nitrobenzene-d5	8.999	82	155469	88.257	ng	-0.02
42) 2,4,6-Tribromophenol	15.961	330	140831	153.066	ng	-0.01
45) 2-Fluorobiphenyl	13.094	172	400398	87.982	ng	-0.02
79) Terphenyl-d14	19.827	244	796653	91.411	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	16802	31.134	ng	# 87
3) Pyridine	3.734	79	49068	30.888	ng	# 59
4) n-Nitrosodimethylamine	3.652	42	46007	43.785	ng	# 97
6) Aniline	7.171	93	78232	31.804	ng	# 93
8) 2-Chlorophenol	7.412	128	70589	44.616	ng	95
9) Benzaldehyde	6.983	77	28713	19.615	ng	94
10) Phenol	7.048	94	83788	42.725	ng	88
11) bis(2-Chloroethyl)ether	7.271	93	54239	36.805	ng	98
12) 1,3-Dichlorobenzene	7.735	146	75207	44.682	ng	98
13) 1,4-Dichlorobenzene	7.882	146	78289	46.087	ng	94
14) 1,2-Dichlorobenzene	8.194	146	72092	43.972	ng	91
15) Benzyl Alcohol	8.082	79	70188	42.759	ng	89
16) 2,2'-oxybis(1-Chloropr...	8.376	45	102521	30.471	ng	97
17) 2-Methylphenol	8.288	107	60587	41.453	ng	90
18) Hexachloroethane	8.922	117	28250	42.603	ng	# 84
19) n-Nitroso-di-n-propyla...	8.652	70	50859	37.359	ng	98
20) 3+4-Methylphenols	8.617	107	79557	39.174	ng	96
22) Acetophenone	8.664	105	109219	43.944	ng	# 97
24) Nitrobenzene	9.040	77	80175	43.562	ng	96
25) Isophorone	9.563	82	143125	39.094	ng	97
26) 2-Nitrophenol	9.751	139	38284	48.140	ng	# 81
27) 2,4-Dimethylphenol	9.815	122	68183	48.834	ng	96
28) bis(2-Chloroethoxy)met...	10.044	93	77928	39.476	ng	95
29) 2,4-Dichlorophenol	10.279	162	72575	49.264	ng	95
30) 1,2,4-Trichlorobenzene	10.497	180	77638	49.982	ng	94
31) Naphthalene	10.685	128	220096	43.204	ng	98
32) Benzoic acid	9.962	122	47682	43.022	ng	89
33) 4-Chloroaniline	10.791	127	54700	27.703	ng	98
34) Hexachlorobutadiene	10.973	225	59181	51.542	ng	91
35) Caprolactam	11.560	113	22963m	40.255	ng	
36) 4-Chloro-3-methylphenol	11.919	107	85948	44.965	ng	96
37) 2-Methylnaphthalene	12.295	142	150494	39.743	ng	94
38) 1-Methylnaphthalene	12.512	142	156006	41.711	ng	99
40) 1,2,4,5-Tetrachloroben...	12.665	216	98214	49.004	ng	96
41) Hexachlorocyclopentadiene	12.647	237	143051	150.178	ng	91
43) 2,4,6-Trichlorophenol	12.900	196	65881	49.180	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
 Data File : BG064331.D
 Acq On : 10 Sep 2025 13:58
 Operator : RC/JU
 Sample : PB169593BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB169593BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/11/2025
 Supervised By :Jagrut Upadhyay 09/11/2025

Quant Time: Sep 10 14:36:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.970	196	70710	48.660	ng	97
46) 1,1'-Biphenyl	13.305	154	229075	45.278	ng	98
47) 2-Chloronaphthalene	13.346	162	169525	44.570	ng	97
48) 2-Nitroaniline	13.546	65	61936	47.776	ng	96
49) Acenaphthylene	14.192	152	284027	50.516	ng	99
50) Dimethylphthalate	13.928	163	235391	44.770	ng	99
51) 2,6-Dinitrotoluene	14.046	165	51221	50.322	ng	95
52) Acenaphthene	14.533	154	166809	42.040	ng	97
53) 3-Nitroaniline	14.375	138	37789	35.442	ng	92
54) 2,4-Dinitrophenol	14.580	184	68354	101.174	ng	# 88
55) Dibenzofuran	14.868	168	282159	45.210	ng	98
56) 4-Nitrophenol	14.692	139	82396	94.209	ng	# 82
57) 2,4-Dinitrotoluene	14.833	165	76436	49.665	ng	# 96
58) Fluorene	15.520	166	237474	46.423	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.097	232	74498	53.302	ng	96
60) Diethylphthalate	15.297	149	252794	44.926	ng	98
61) 4-Chlorophenyl-phenyle...	15.514	204	119944	47.028	ng	98
62) 4-Nitroaniline	15.538	138	53140	48.843	ng	91
63) Azobenzene	15.802	77	214818	42.833	ng	96
65) 4,6-Dinitro-2-methylph...	15.597	198	52725	54.669	ng	91
66) n-Nitrosodiphenylamine	15.726	169	208224	45.060	ng	99
67) 4-Bromophenyl-phenylether	16.407	248	85759	48.066	ng	99
68) Hexachlorobenzene	16.519	284	93827	47.356	ng	94
69) Atrazine	16.678	200	94236	48.840	ng	98
70) Pentachlorophenol	16.866	266	129768	108.018	ng	# 89
71) Phenanthrene	17.254	178	393820	44.449	ng	97
72) Anthracene	17.342	178	408976	45.379	ng	99
73) Carbazole	17.612	167	363876	45.831	ng	99
74) Di-n-butylphthalate	18.176	149	445379	46.692	ng	98
75) Fluoranthene	19.263	202	494723	47.489	ng	97
77) Benzidine	19.445	184	160928	42.073	ng	97
78) Pyrene	19.627	202	507175	44.274	ng	99
80) Butylbenzylphthalate	20.520	149	198287	45.893	ng	95
81) Benzo(a)anthracene	21.419	228	534950	45.988	ng	98
82) 3,3'-Dichlorobenzidine	21.343	252	130610	34.476	ng	98
83) Chrysene	21.484	228	499842	44.758	ng	100
84) Bis(2-ethylhexyl)phtha...	21.343	149	290590	44.797	ng	99
85) Di-n-octyl phthalate	22.483	149	492489	43.573	ng	96
87) Indeno(1,2,3-cd)pyrene	27.818	276	640807	46.557	ng	99
88) Benzo(b)fluoranthene	23.493	252	522817	45.962	ng	# 97
89) Benzo(k)fluoranthene	23.558	252	536633	46.307	ng	# 95
90) Benzo(a)pyrene	24.298	252	505003	47.726	ng	# 98
91) Dibenzo(a,h)anthracene	27.876	278	520245	47.076	ng	# 97
92) Benzo(g,h,i)perylene	28.869	276	512258	47.637	ng	# 94

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

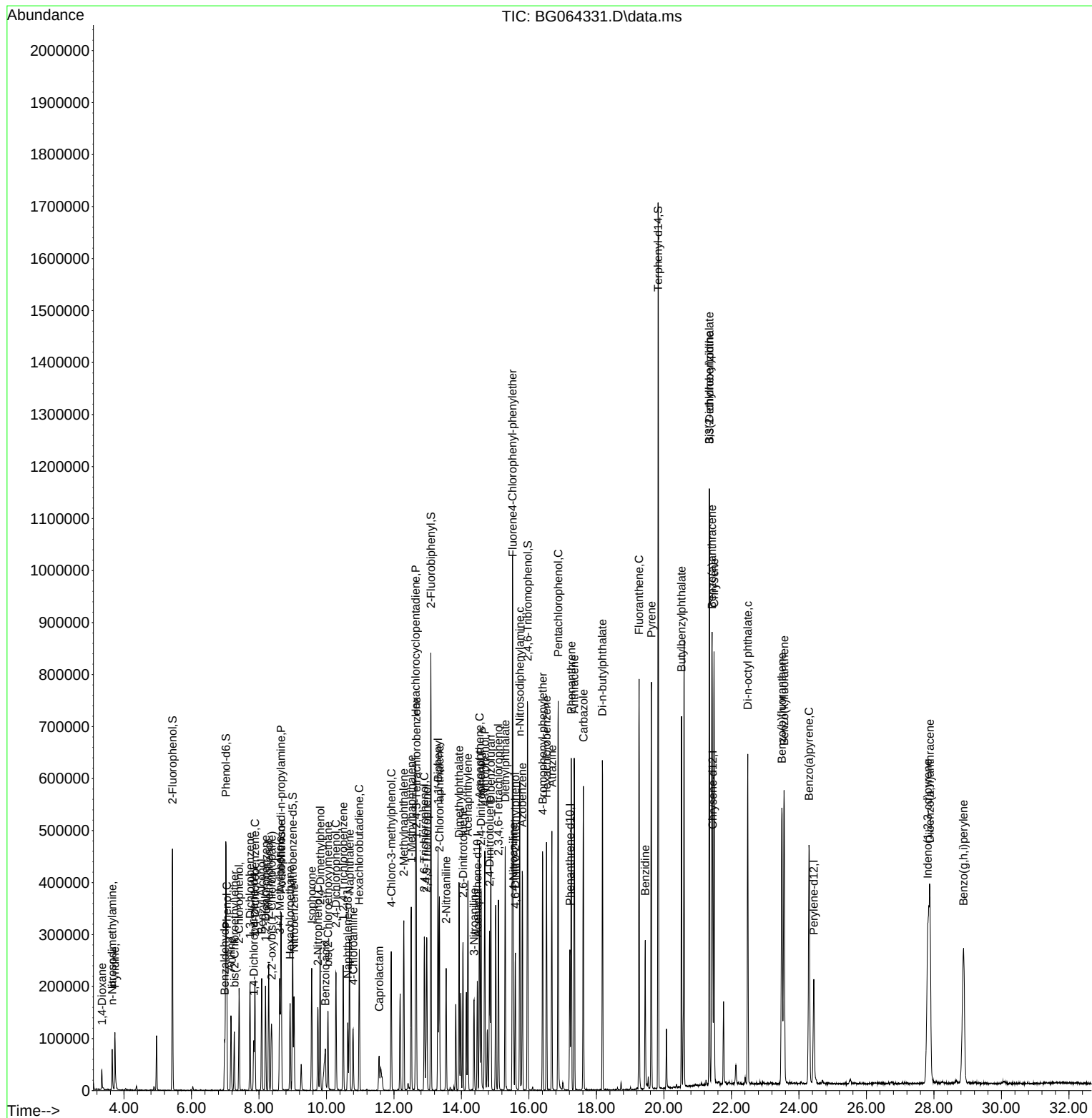
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Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\  
Data File : BG064331.D  
Acq On    : 10 Sep 2025  13:58  
Operator  : RC/JU  
Sample    : PB169593BS  
Misc      :  
ALS Vial  : 4    Sample Multiplier: 1
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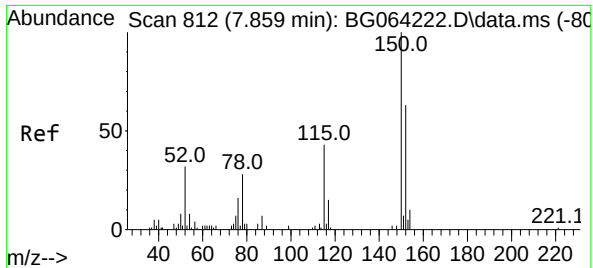
Instrument :
BNA_G
ClientSampleId :
PB169593BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

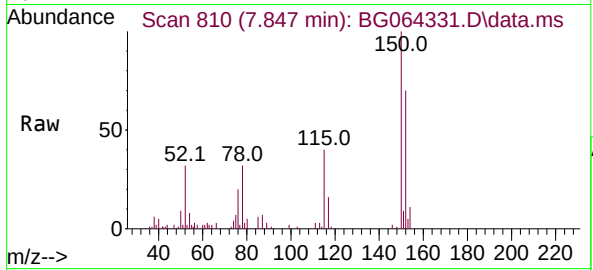
Quant Time: Sep 10 14:36:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.847 min Scan# 81
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

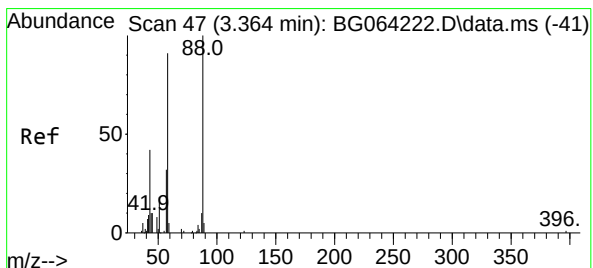
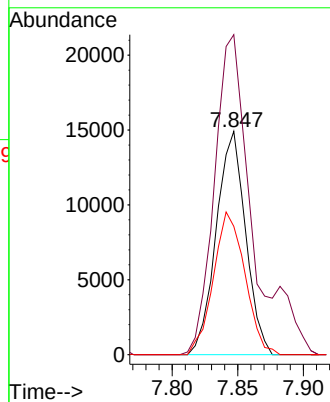
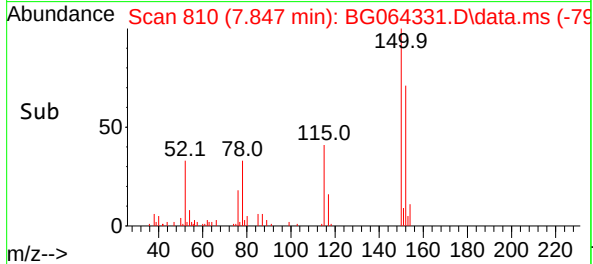
Instrument :
BNA_G
ClientSampleId :
PB169593BS



Tgt Ion:152 Resp: 23229
Ion Ratio Lower Upper
152 100
150 143.3 128.0 192.0
115 57.4 55.7 83.5

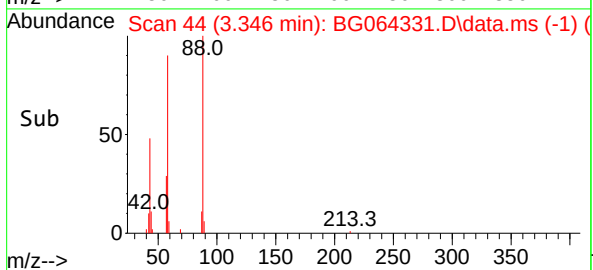
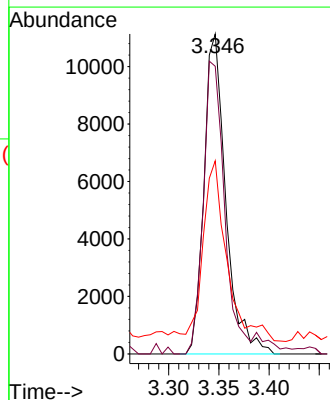
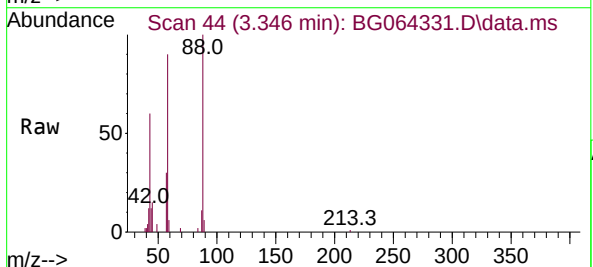
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

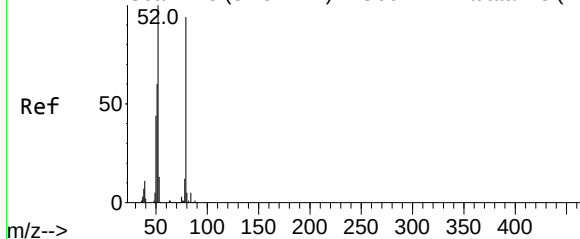


#2
1,4-Dioxane
Concen: 31.134 ng
RT: 3.346 min Scan# 44
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

Tgt Ion: 88 Resp: 16802
Ion Ratio Lower Upper
88 100
58 88.7 80.8 121.2
43 61.2 40.3 60.5#



Abundance Scan 113 (3.752 min): BG064222.D\data.ms (-10



#3

Pyridine

Concen: 30.888 ng

RT: 3.734 min Scan# 113

Delta R.T. -0.018 min

Lab File: BG064331.D

Acq: 10 Sep 2025 13:58

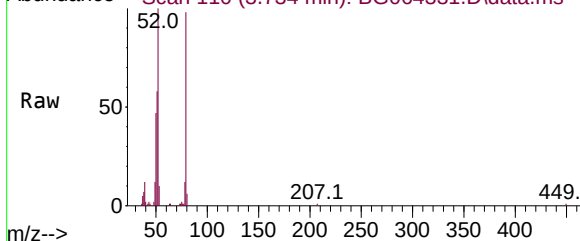
Instrument :

BNA_G

ClientSampleId :

PB169593BS

Abundance Scan 110 (3.734 min): BG064331.D\data.ms



Tgt Ion: 79 Resp: 49068

Ion Ratio Lower Upper

79 100

52 102.4 86.6 129.8

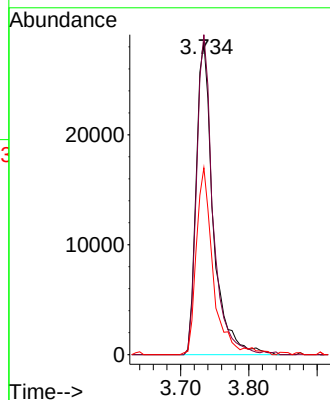
51 59.8 114.1 171.1

Manual Integrations

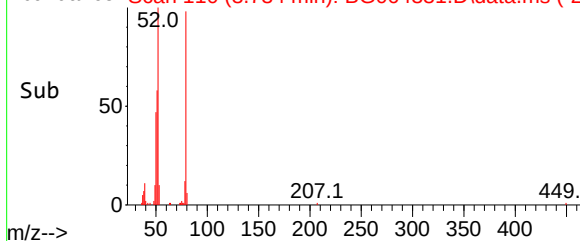
APPROVED

Reviewed By :Rahul Chavli 09/11/2025

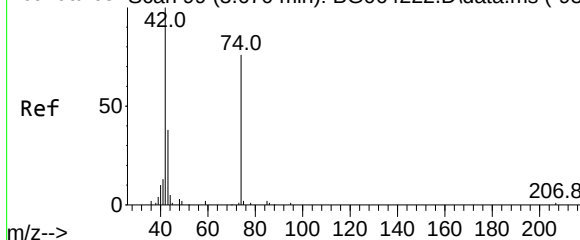
Supervised By :Jagrut Upadhyay 09/11/2025



Abundance Scan 110 (3.734 min): BG064331.D\data.ms (-23



Abundance Scan 99 (3.670 min): BG064222.D\data.ms (-93)



#4

n-Nitrosodimethylamine

Concen: 43.785 ng

RT: 3.652 min Scan# 96

Delta R.T. -0.012 min

Lab File: BG064331.D

Acq: 10 Sep 2025 13:58

Tgt Ion: 42 Resp: 46007

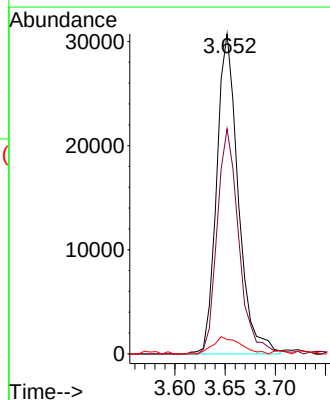
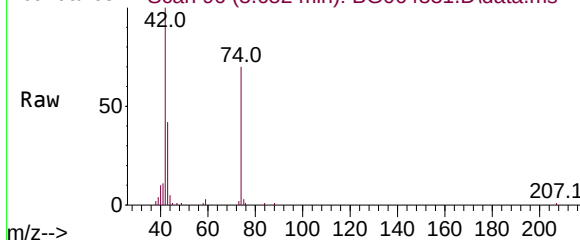
Ion Ratio Lower Upper

42 100

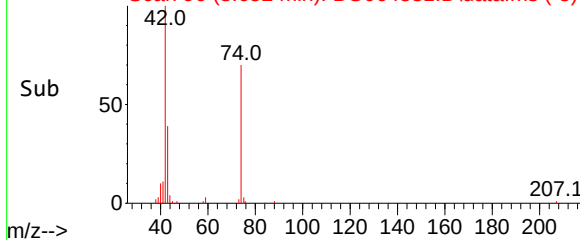
74 70.3 58.0 87.0

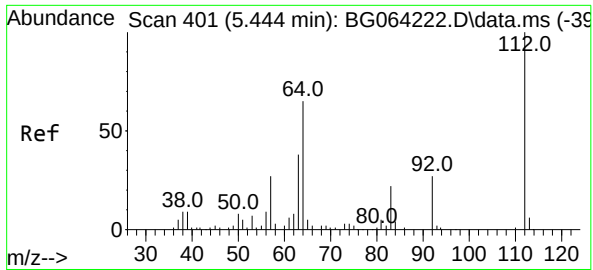
44 4.5 5.5 8.3

Abundance Scan 96 (3.652 min): BG064331.D\data.ms



Abundance Scan 96 (3.652 min): BG064331.D\data.ms (-8) (





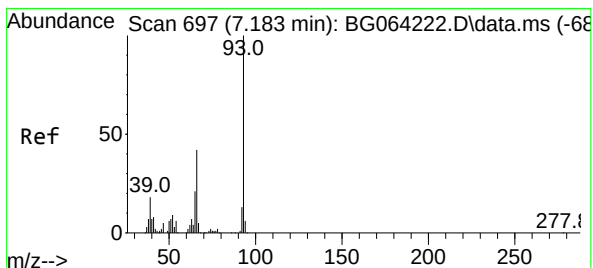
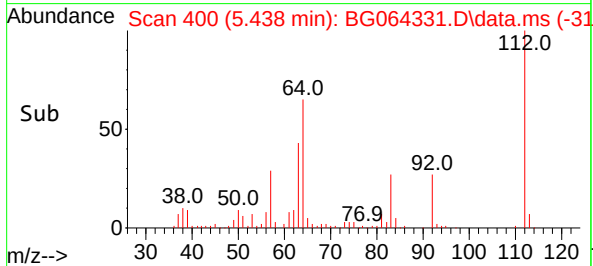
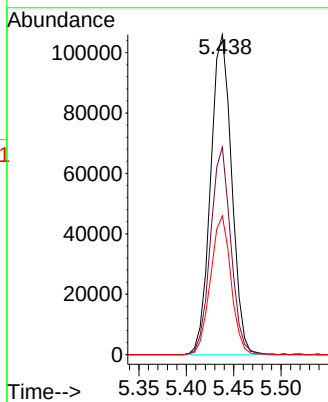
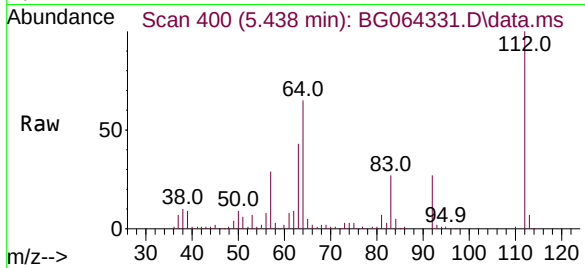
#5
2-Fluorophenol
Concen: 126.215 ng
RT: 5.438 min Scan# 401
Delta R.T. -0.006 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

Instrument :
BNA_G
ClientSampleId :
PB169593BS

Tgt Ion:112 Resp: 163417
Ion Ratio Lower Upper
112 100
64 64.8 51.8 77.6
63 43.4 30.6 45.8

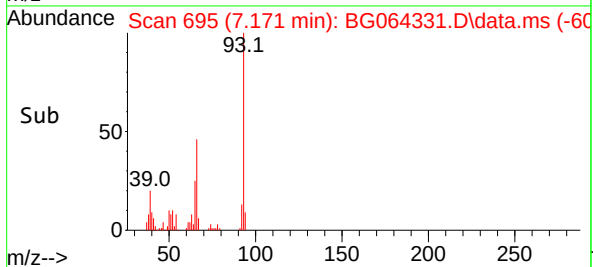
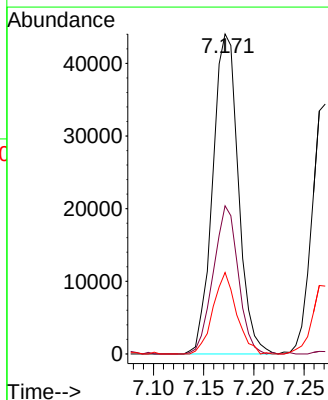
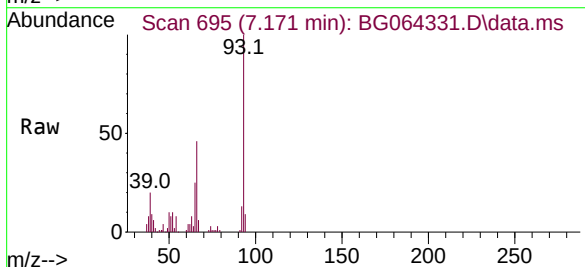
Manual Integrations
APPROVED

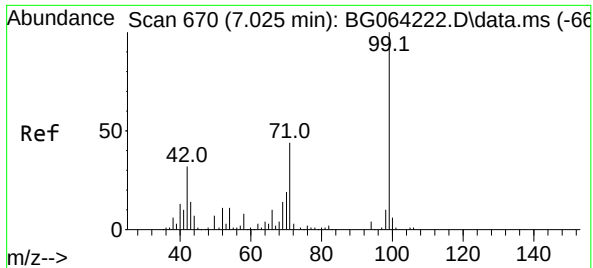
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#6
Aniline
Concen: 31.804 ng
RT: 7.171 min Scan# 695
Delta R.T. -0.018 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

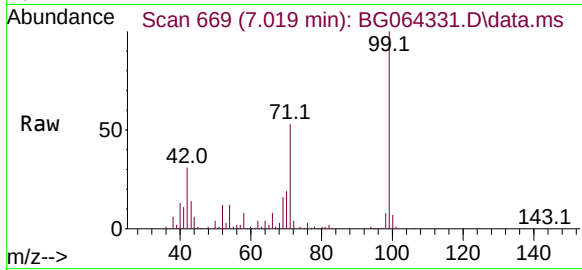
Tgt Ion: 93 Resp: 78232
Ion Ratio Lower Upper
93 100
66 46.3 33.8 50.8
65 25.4 16.9 25.3#





#7
Phenol-d6
Concen: 122.713 ng
RT: 7.019 min Scan# 60
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

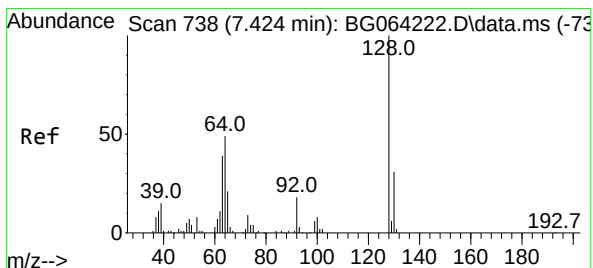
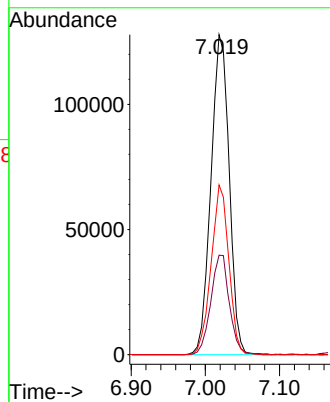
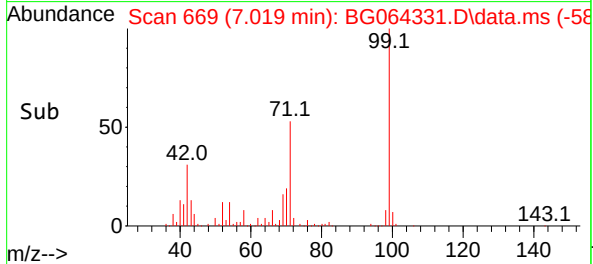
Instrument :
BNA_G
ClientSampleId :
PB169593BS



Tgt Ion: 99 Resp: 21827
Ion Ratio Lower Upper
99 100
42 31.1 25.8 38.8
71 53.0 35.2 52.8

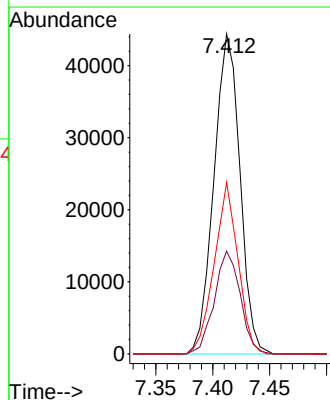
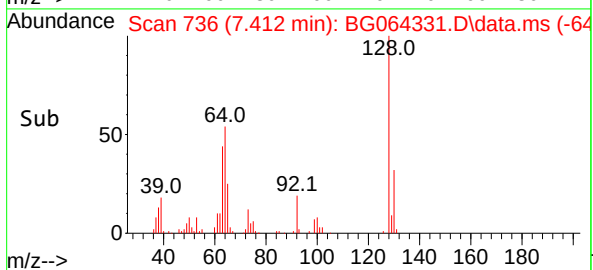
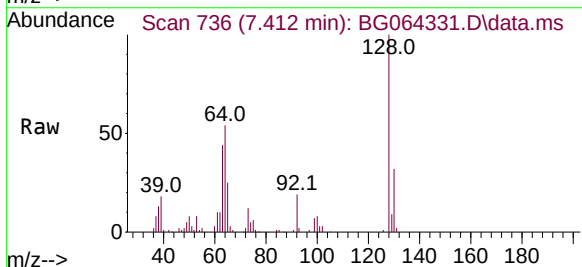
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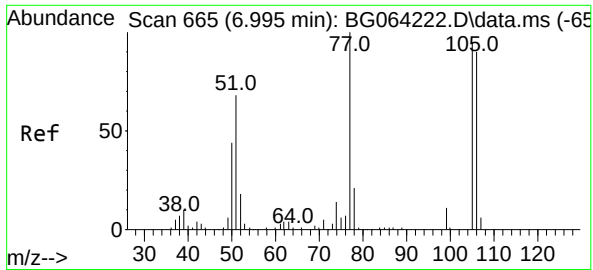
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#8
2-Chlorophenol
Concen: 44.616 ng
RT: 7.412 min Scan# 736
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

Tgt Ion:128 Resp: 70589
Ion Ratio Lower Upper
128 100
130 32.1 10.9 50.9
64 53.6 28.7 68.7





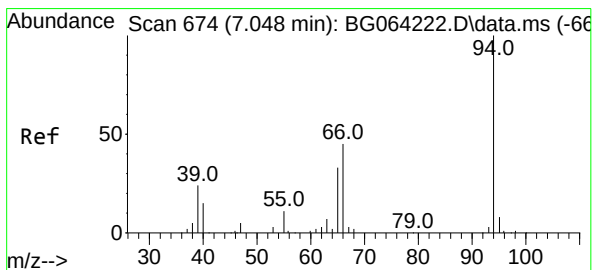
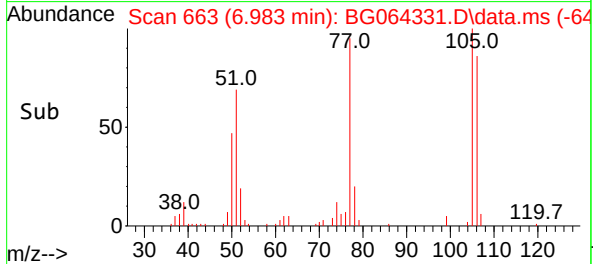
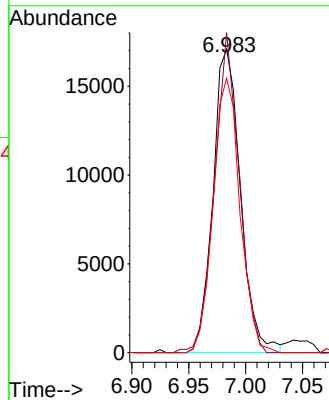
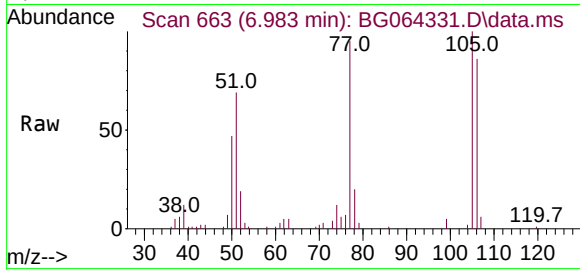
#9
Benzaldehyde
Concen: 19.615 ng
RT: 6.983 min Scan# 665
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

Instrument :
BNA_G
ClientSampleId :
PB169593BS

Tgt Ion: 77 Resp: 28713
Ion Ratio Lower Upper
77 100
105 105.4 75.2 115.2
106 90.4 69.6 109.6

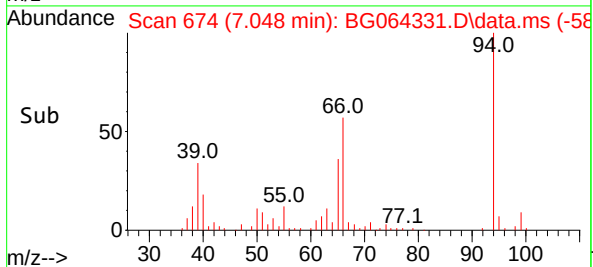
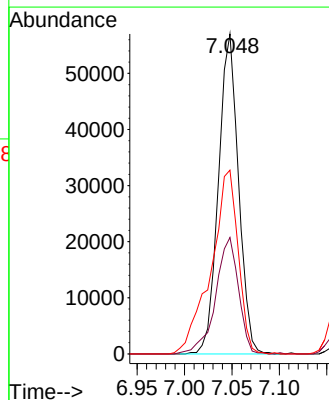
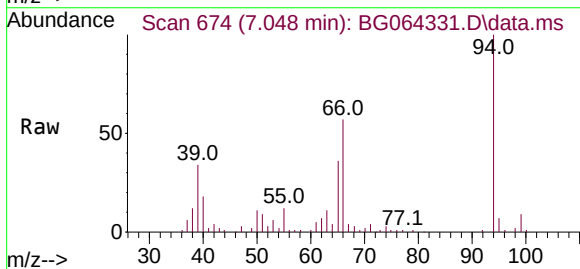
Manual Integrations
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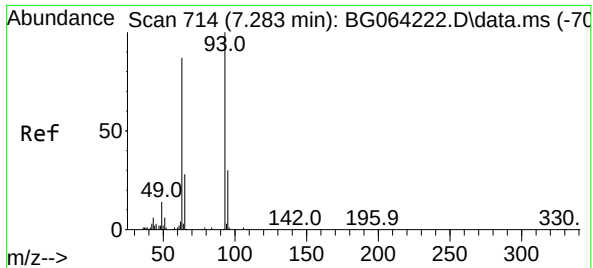
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#10
Phenol
Concen: 42.725 ng
RT: 7.048 min Scan# 674
Delta R.T. -0.006 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

Tgt Ion: 94 Resp: 83788
Ion Ratio Lower Upper
94 100
65 36.4 13.5 53.5
66 57.4 26.2 66.2





#11

bis(2-Chloroethyl)ether

Concen: 36.805 ng

RT: 7.271 min Scan# 714

Delta R.T. -0.012 min

Lab File: BG064331.D

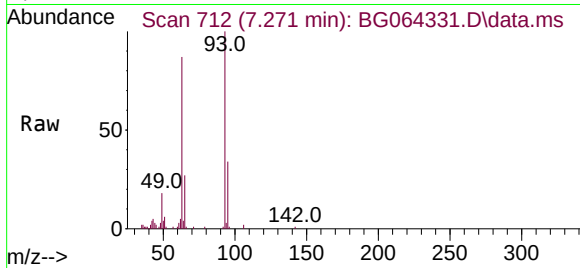
Acq: 10 Sep 2025 13:58

Instrument :

BNA_G

ClientSampleId :

PB169593BS



Tgt Ion: 93 Resp: 54239

Ion Ratio Lower Upper

93 100

63 86.5 66.2 106.2

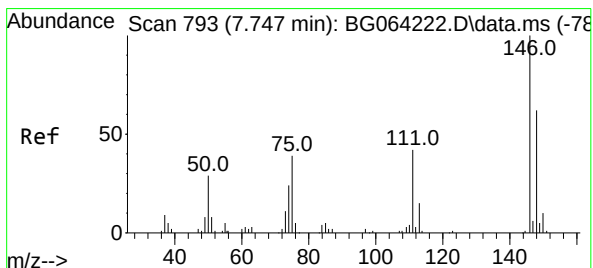
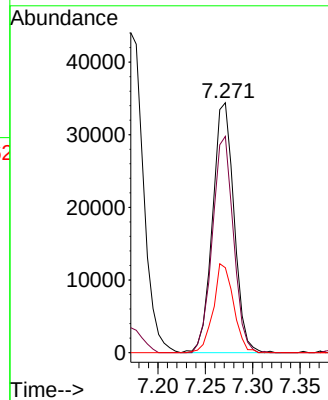
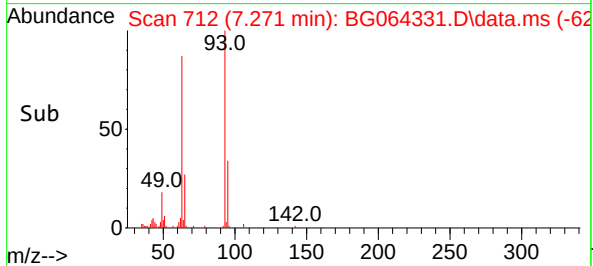
95 33.9 9.8 49.8

Manual Integrations

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Supervised By :Jagrut Upadhyay 09/11/2025



#12

1,3-Dichlorobenzene

Concen: 44.682 ng

RT: 7.735 min Scan# 791

Delta R.T. -0.012 min

Lab File: BG064331.D

Acq: 10 Sep 2025 13:58

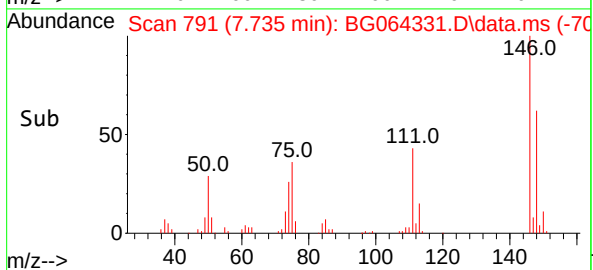
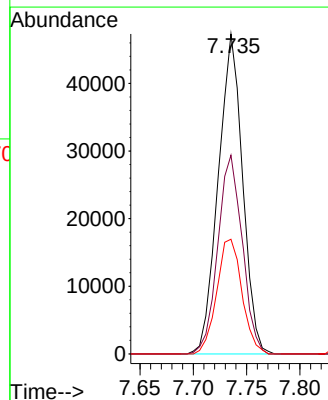
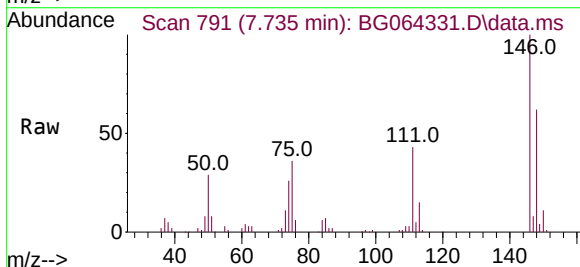
Tgt Ion:146 Resp: 75207

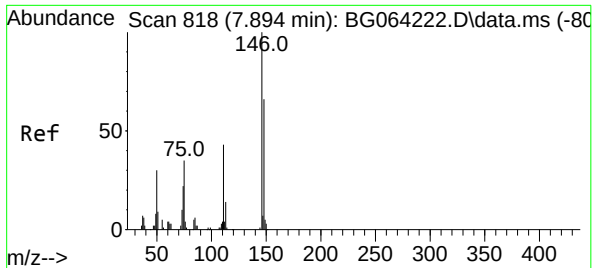
Ion Ratio Lower Upper

146 100

148 62.1 49.6 74.4

75 35.8 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 46.087 ng

RT: 7.882 min Scan# 811

Delta R.T. -0.012 min

Lab File: BG064331.D

Acq: 10 Sep 2025 13:58

Instrument :

BNA_G

ClientSampleId :

PB169593BS

Tgt Ion:146 Resp: 78289

Ion Ratio Lower Upper

146 100

148 59.0 52.8 79.2

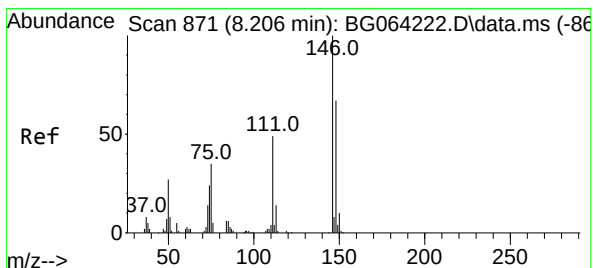
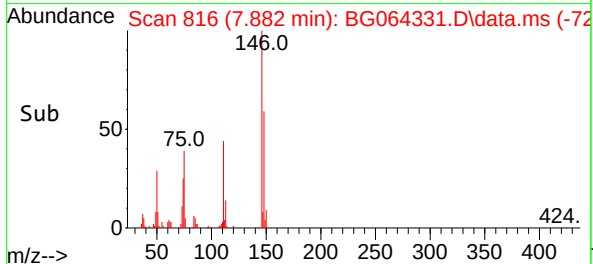
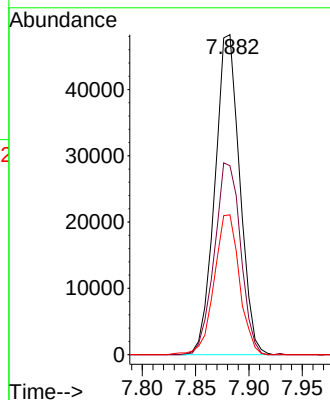
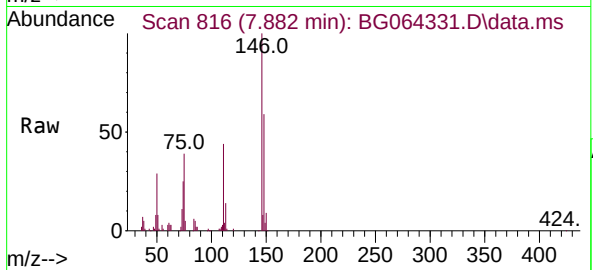
111 43.7 34.1 51.1

Manual Integrations

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Reviewed By :Rahul Chavli 09/11/2025

Supervised By :Jagrut Upadhyay 09/11/2025



#14

1,2-Dichlorobenzene

Concen: 43.972 ng

RT: 8.194 min Scan# 869

Delta R.T. -0.018 min

Lab File: BG064331.D

Acq: 10 Sep 2025 13:58

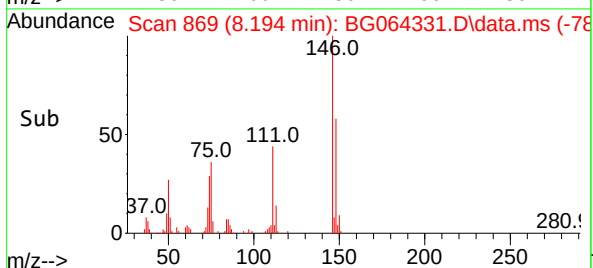
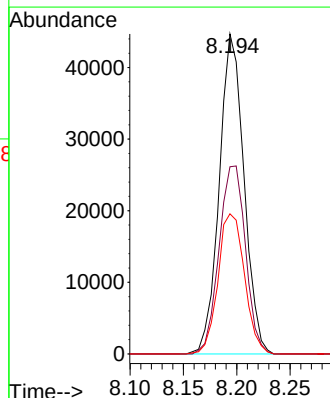
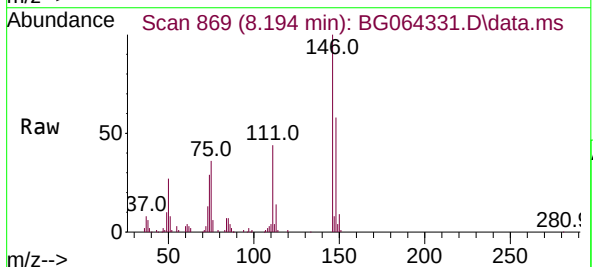
Tgt Ion:146 Resp: 72092

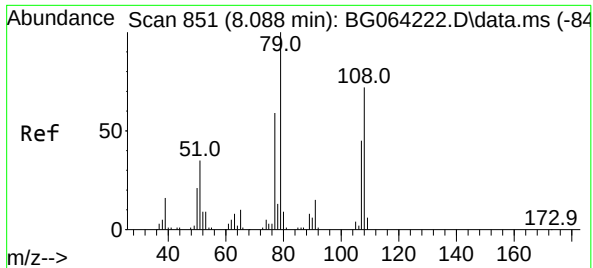
Ion Ratio Lower Upper

146 100

148 58.5 53.4 80.0

111 43.8 39.1 58.7





#15

Benzyl Alcohol

Concen: 42.759 ng

RT: 8.082 min Scan# 851

Delta R.T. -0.012 min

Lab File: BG064331.D

Acq: 10 Sep 2025 13:58

Instrument :

BNA_G

ClientSampleId :

PB169593BS

Tgt Ion: 79 Resp: 70188

Ion Ratio Lower Upper

79 100

108 62.1 57.4 86.0

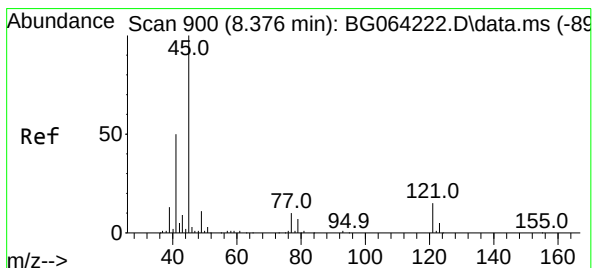
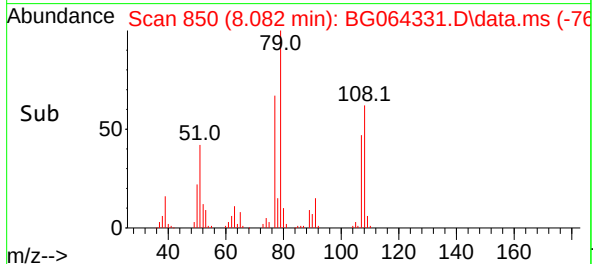
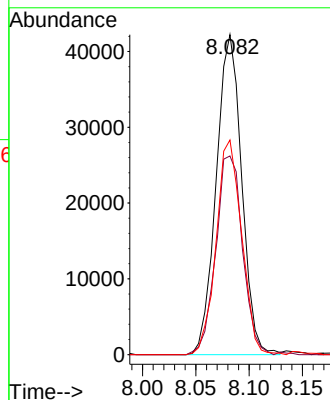
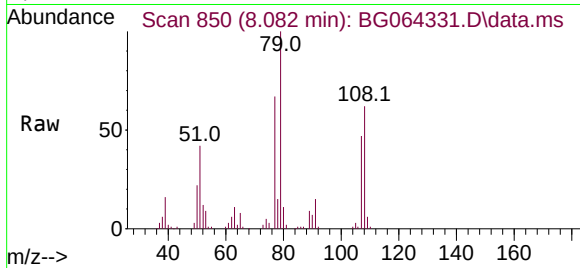
77 67.1 47.2 70.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/11/2025

Supervised By :Jagrut Upadhyay 09/11/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.471 ng

RT: 8.376 min Scan# 900

Delta R.T. -0.000 min

Lab File: BG064331.D

Acq: 10 Sep 2025 13:58

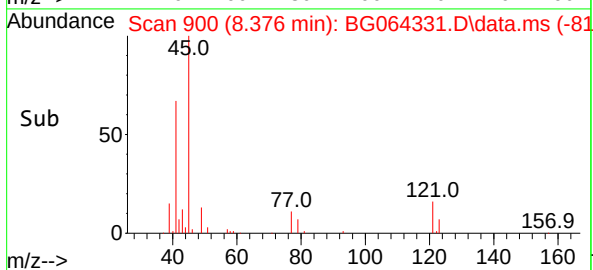
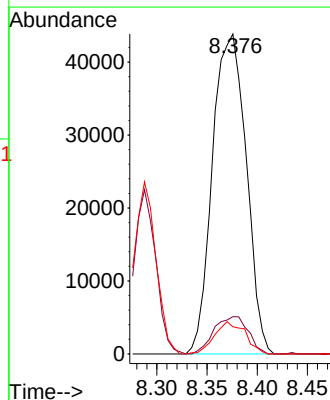
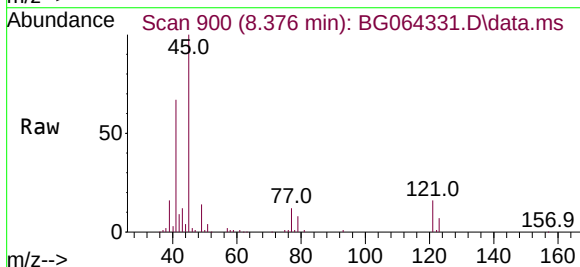
Tgt Ion: 45 Resp: 102521

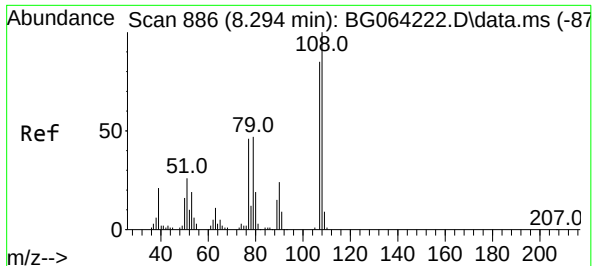
Ion Ratio Lower Upper

45 100

77 11.6 0.0 30.0

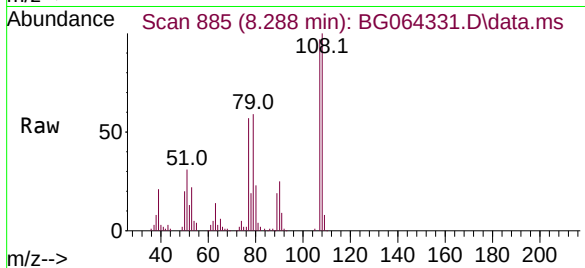
79 8.5 0.0 27.9





#17
2-Methylphenol
Concen: 41.453 ng
RT: 8.288 min Scan# 885
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

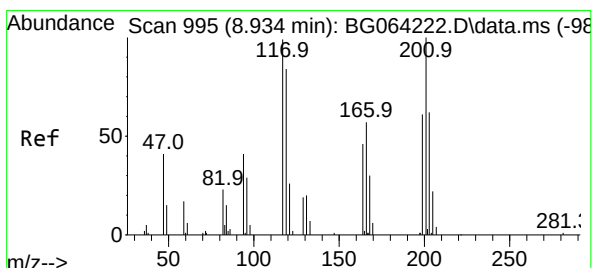
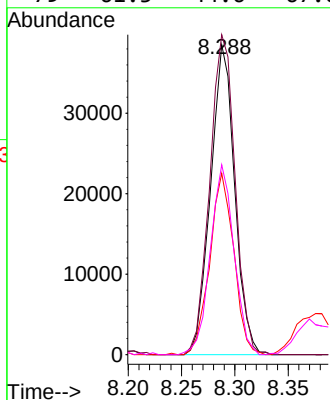
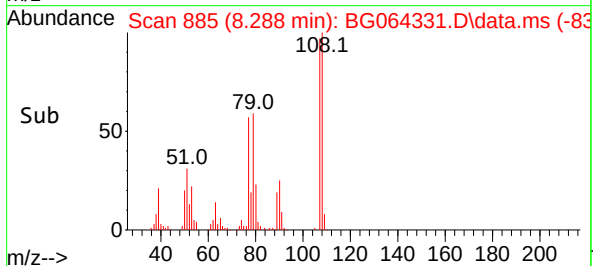
Instrument :
BNA_G
ClientSampleId :
PB169593BS



Tgt Ion:107 Resp: 6058
Ion Ratio Lower Upper
107 100
108 103.3 94.6 141.8
77 58.5 43.7 65.5
79 61.3 44.6 67.0

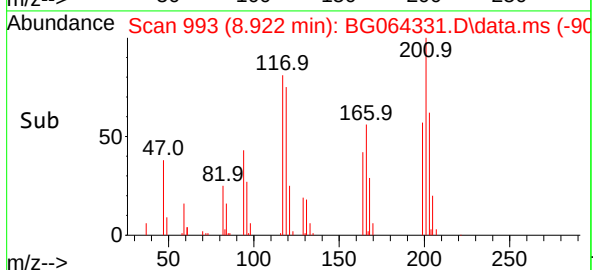
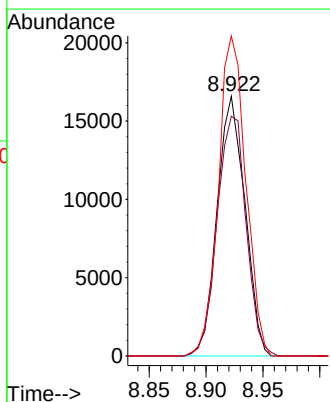
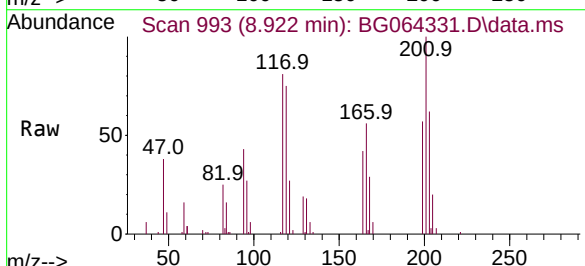
Manual Integrations
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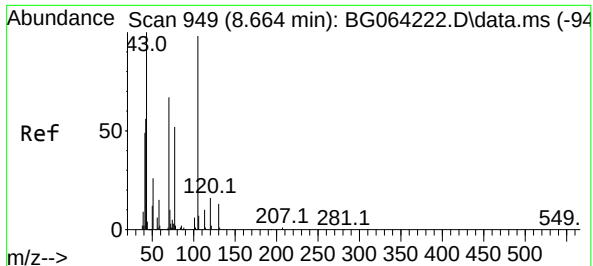
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#18
Hexachloroethane
Concen: 42.603 ng
RT: 8.922 min Scan# 993
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

Tgt Ion:117 Resp: 28250
Ion Ratio Lower Upper
117 100
119 92.3 67.9 101.9
201 123.2 80.5 120.7#





#19

n-Nitroso-di-n-propylamine

Concen: 37.359 ng

RT: 8.652 min Scan# 94

Delta R.T. -0.012 min

Lab File: BG064331.D

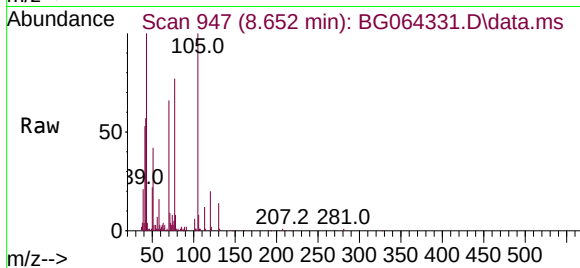
Acq: 10 Sep 2025 13:58

Instrument :

BNA_G

ClientSampleId :

PB169593BS



Tgt Ion: 70 Resp: 50859

Ion Ratio Lower Upper

70 100

42 87.2 67.9 101.9

101 9.2 7.3 10.9

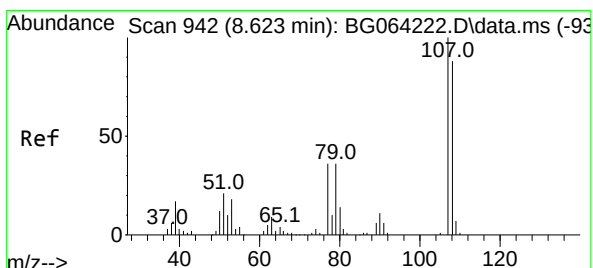
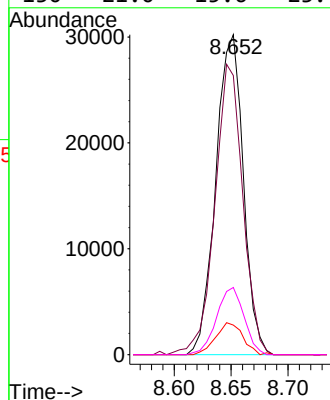
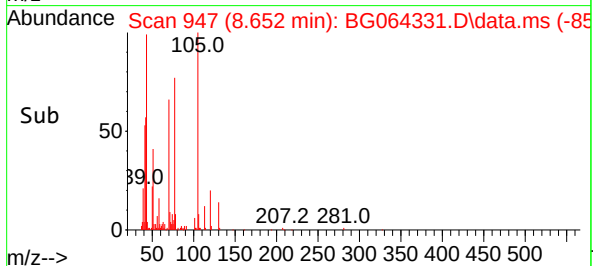
130 21.0 15.6 23.4

Manual Integrations

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Reviewed By :Rahul Chavli 09/11/2025

Supervised By :Jagrut Upadhyay 09/11/2025



#20

3+4-Methylphenols

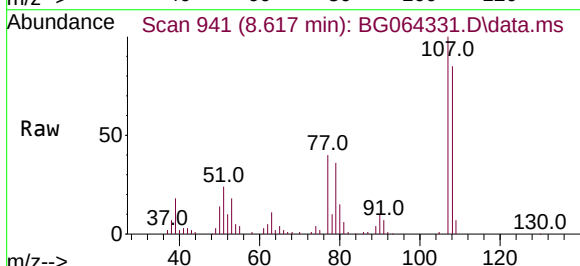
Concen: 39.174 ng

RT: 8.617 min Scan# 941

Delta R.T. -0.012 min

Lab File: BG064331.D

Acq: 10 Sep 2025 13:58



Tgt Ion:107 Resp: 79557

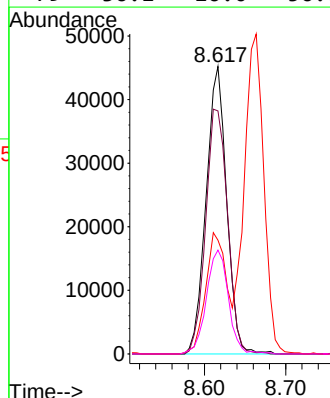
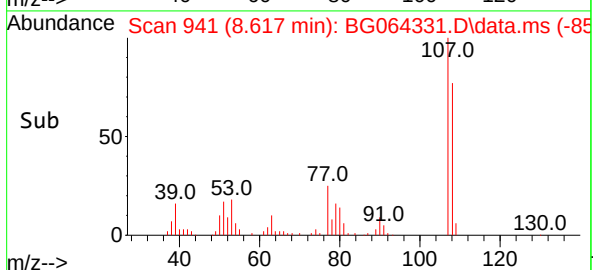
Ion Ratio Lower Upper

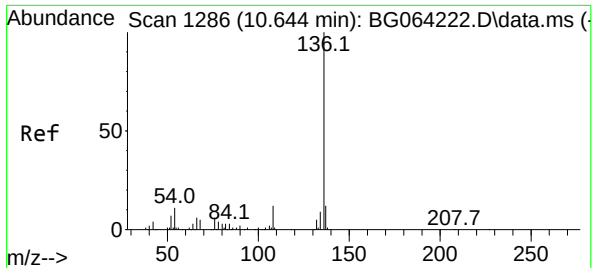
107 100

108 84.5 68.1 108.1

77 39.6 15.9 55.9

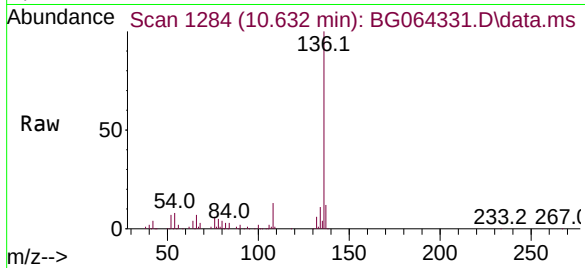
79 36.1 16.0 56.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.632 min Scan# 1284
Delta R.T. -0.018 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

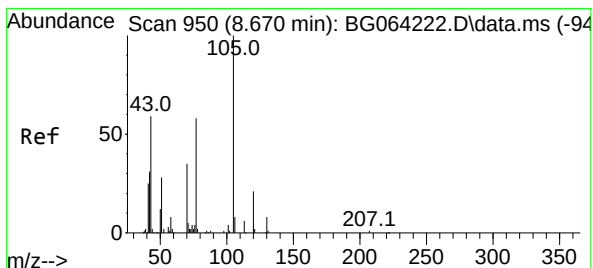
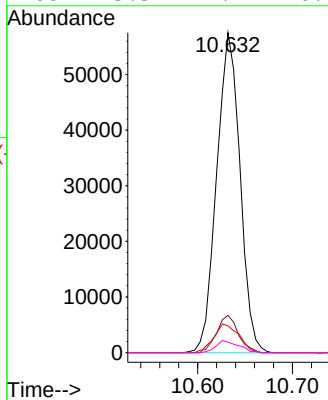
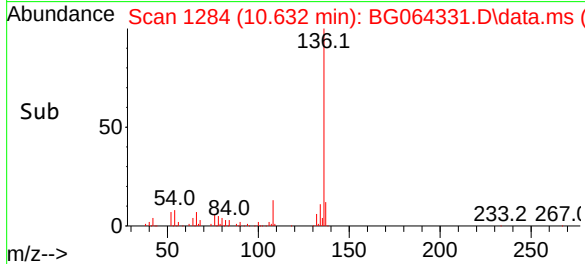
Instrument :
BNA_G
ClientSampleId :
PB169593BS



Tgt Ion:136 Resp: 98242
Ion Ratio Lower Upper
136 100
137 11.7 9.6 14.4
54 8.4 8.8 13.2
68 3.3 4.1 6.1#

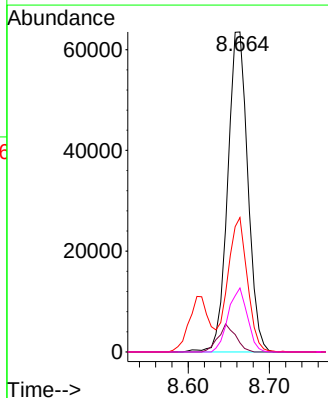
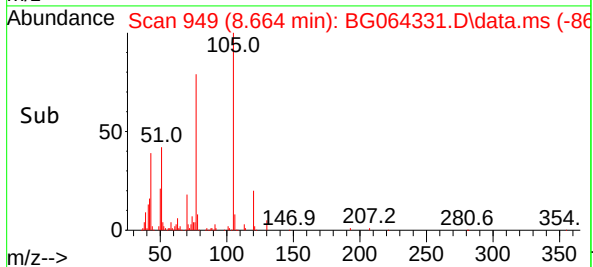
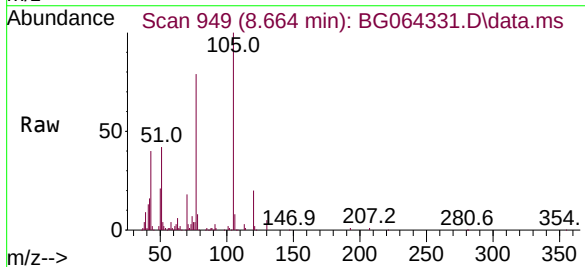
Manual Integrations
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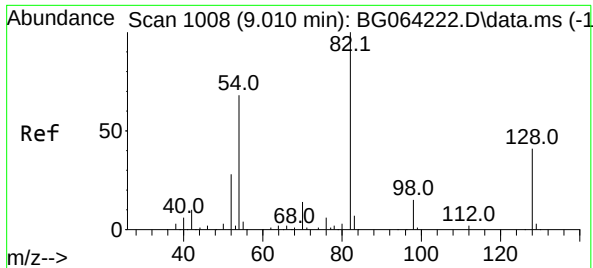
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#22
Acetophenone
Concen: 43.944 ng
RT: 8.664 min Scan# 949
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

Tgt Ion:105 Resp: 109219
Ion Ratio Lower Upper
105 100
71 2.8 4.3 6.5#
51 42.0 32.4 48.6
120 20.0 16.8 25.2





#23

Nitrobenzene-d5

Concen: 88.257 ng

RT: 8.999 min Scan# 1006

Delta R.T. -0.018 min

Lab File: BG064331.D

Acq: 10 Sep 2025 13:58

Instrument :

BNA_G

ClientSampleId :

PB169593BS

Tgt Ion: 82 Resp: 155469

Ion Ratio Lower Upper

82 100

128 38.9 32.6 48.8

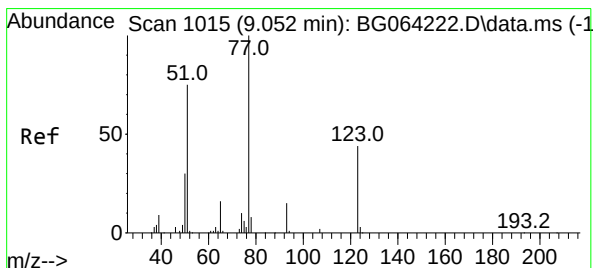
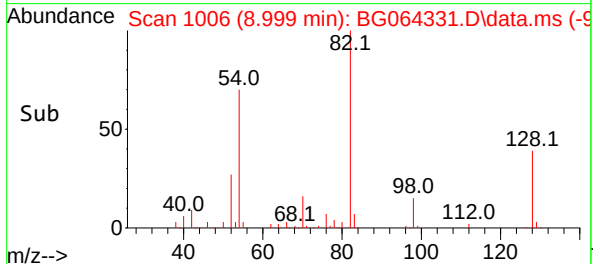
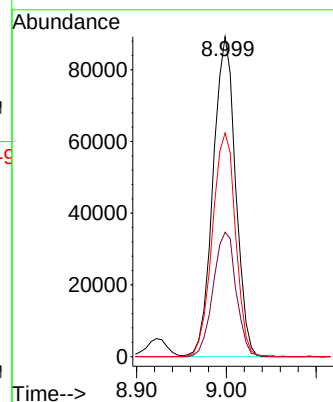
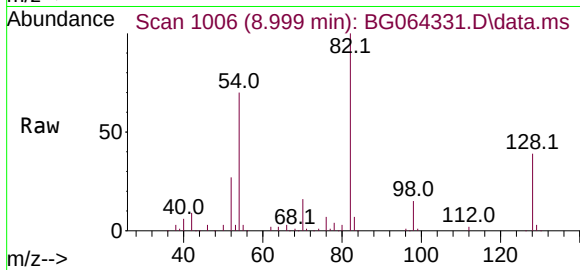
54 69.9 54.7 82.1

Manual Integrations

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Reviewed By :Rahul Chavli 09/11/2025

Supervised By :Jagrut Upadhyay 09/11/2025



#24

Nitrobenzene

Concen: 43.562 ng

RT: 9.040 min Scan# 1013

Delta R.T. -0.018 min

Lab File: BG064331.D

Acq: 10 Sep 2025 13:58

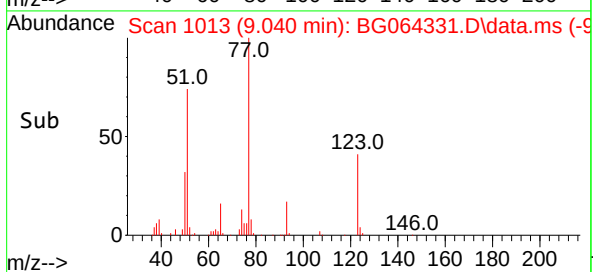
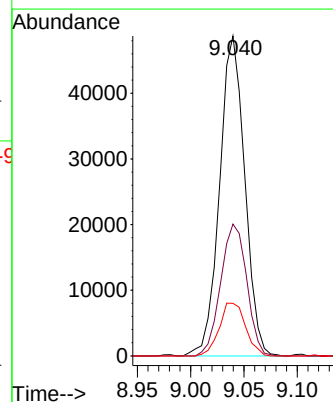
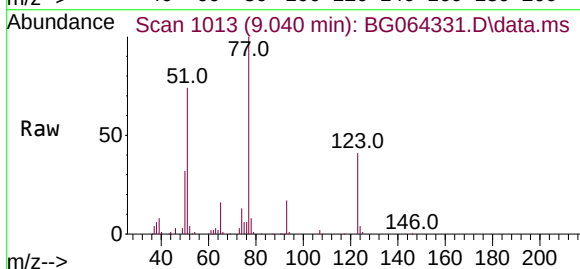
Tgt Ion: 77 Resp: 80175

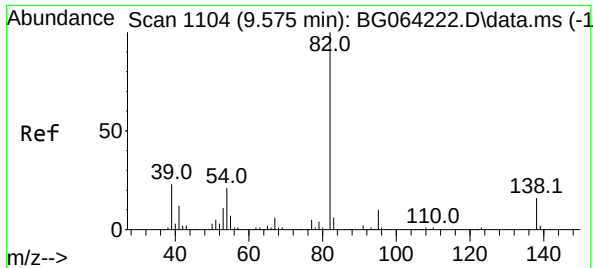
Ion Ratio Lower Upper

77 100

123 41.2 35.2 52.8

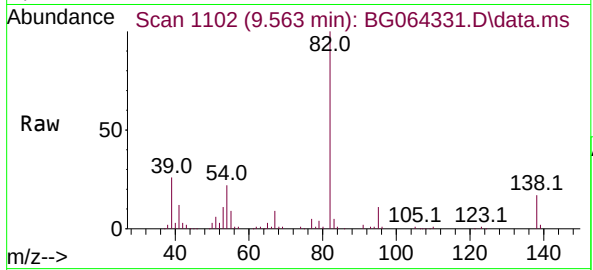
65 16.4 12.6 19.0





#25
Isophorone
Concen: 39.094 ng
RT: 9.563 min Scan# 1102
Delta R.T. -0.024 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

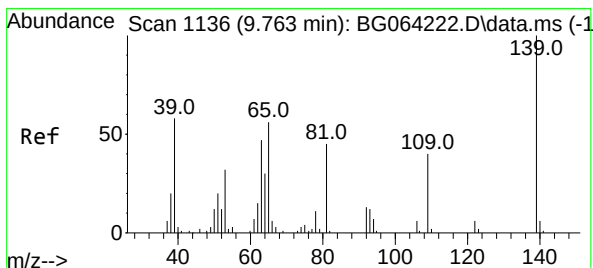
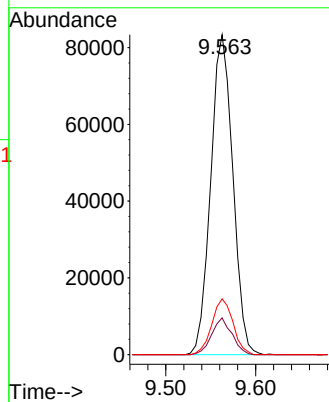
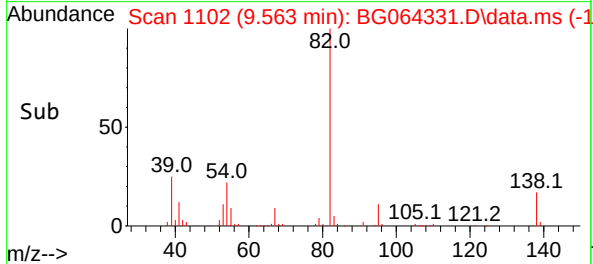
Instrument :
BNA_G
ClientSampleId :
PB169593BS



Tgt Ion: 82 Resp: 143125
Ion Ratio Lower Upper
82 100
95 11.5 7.9 11.9
138 17.4 13.0 19.4

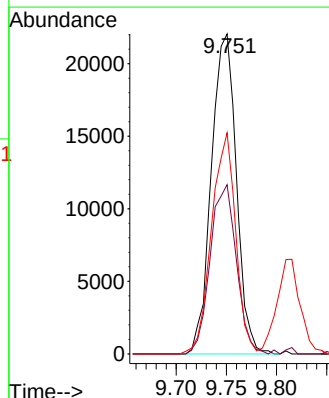
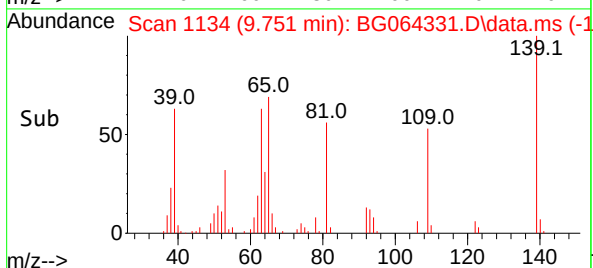
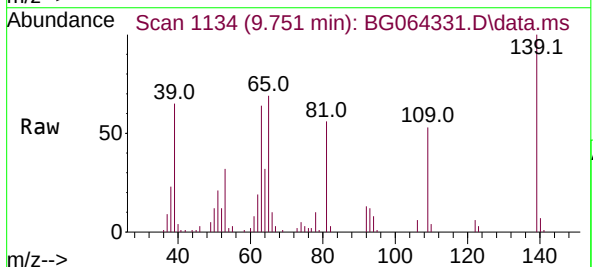
Manual Integrations
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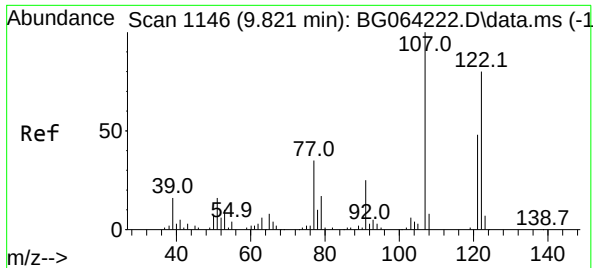
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#26
2-Nitrophenol
Concen: 48.140 ng
RT: 9.751 min Scan# 1134
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

Tgt Ion:139 Resp: 38284
Ion Ratio Lower Upper
139 100
109 52.9 32.4 48.6#
65 69.1 44.6 67.0#





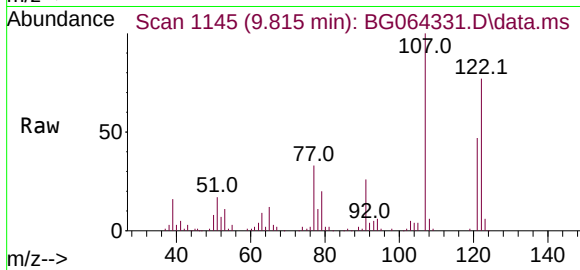
#27
2,4-Dimethylphenol
Concen: 48.834 ng
RT: 9.815 min Scan# 1145
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

Instrument :

BNA_G

ClientSampleId :

PB169593BS

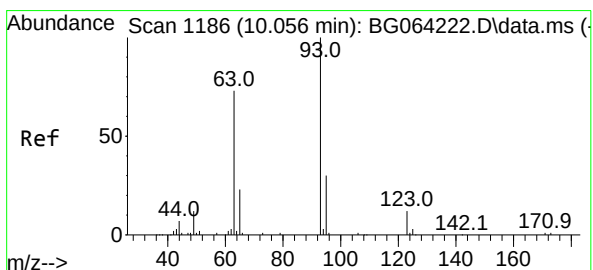
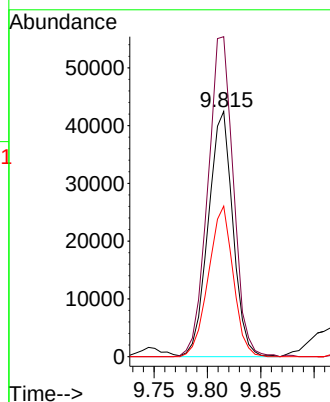
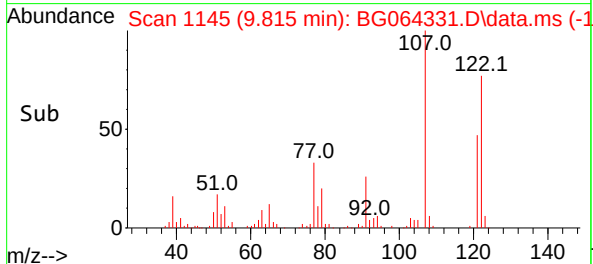


Tgt Ion:122 Resp: 68183
Ion Ratio Lower Upper
122 100
107 130.5 99.9 149.9
121 61.4 48.6 72.8

Manual Integrations

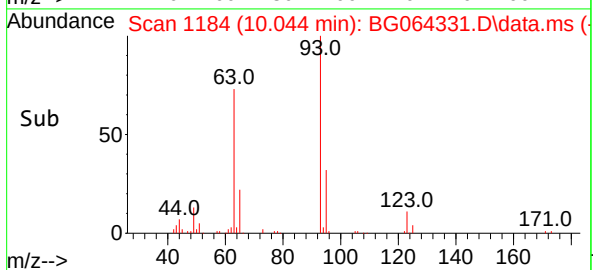
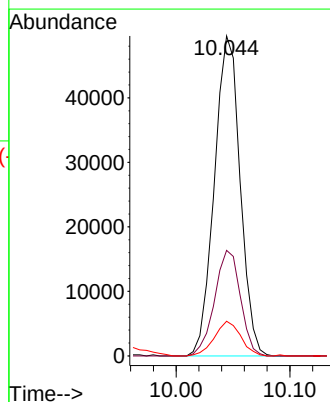
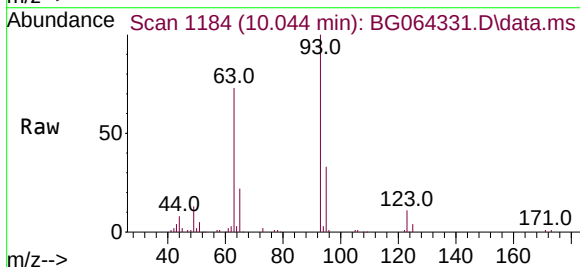
APPROVED

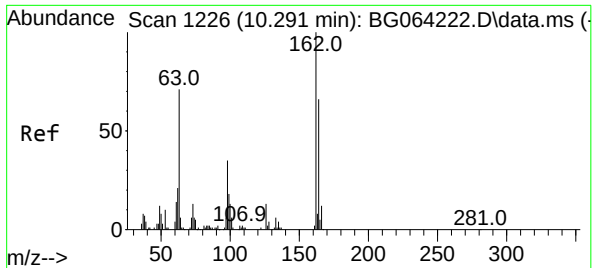
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#28
bis(2-Chloroethoxy)methane
Concen: 39.476 ng
RT: 10.044 min Scan# 1184
Delta R.T. -0.018 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

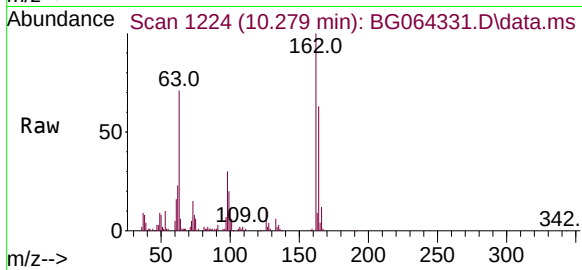
Tgt Ion: 93 Resp: 77928
Ion Ratio Lower Upper
93 100
95 33.0 23.9 35.9
123 10.8 9.6 14.4





#29
2,4-Dichlorophenol
Concen: 49.264 ng
RT: 10.279 min Scan# 1219
Delta R.T. -0.018 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

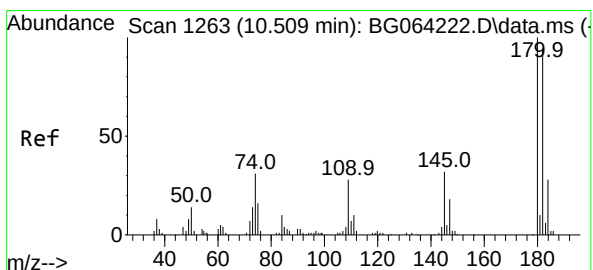
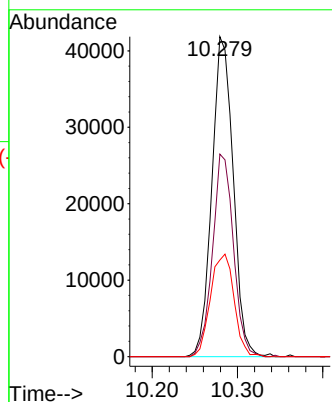
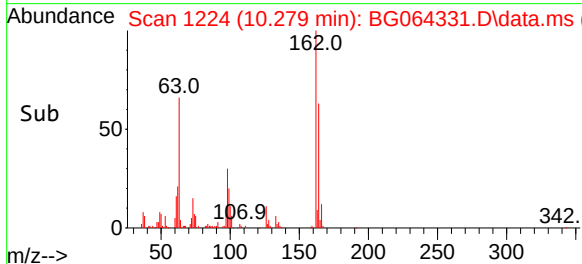
Instrument :
BNA_G
ClientSampleId :
PB169593BS



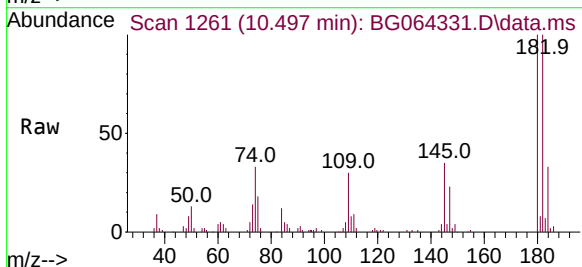
Tgt Ion:162 Resp: 72575
Ion Ratio Lower Upper
162 100
164 63.3 45.8 85.8
98 30.2 15.2 55.2

Manual Integrations
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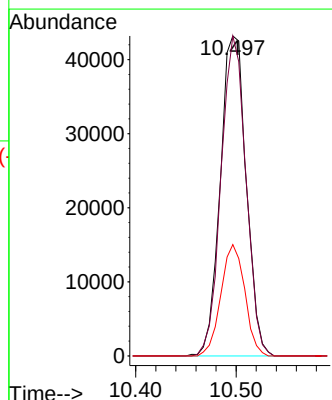
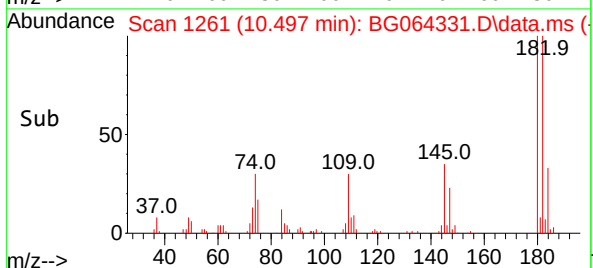
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

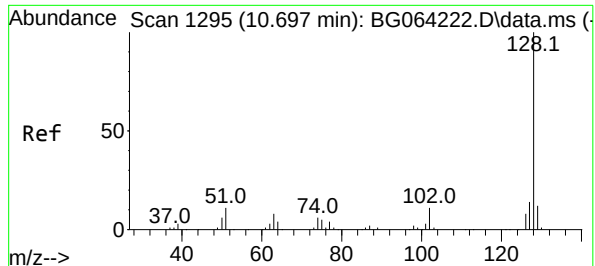


#30
1,2,4-Trichlorobenzene
Concen: 49.982 ng
RT: 10.497 min Scan# 1261
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58



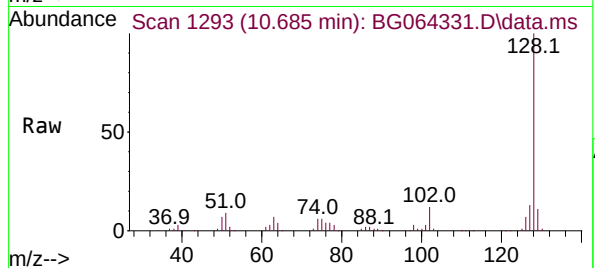
Tgt Ion:180 Resp: 77638
Ion Ratio Lower Upper
180 100
182 99.9 75.0 112.6
145 34.8 25.4 38.0





#31
Naphthalene
Concen: 43.204 ng
RT: 10.685 min Scan# 1170
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

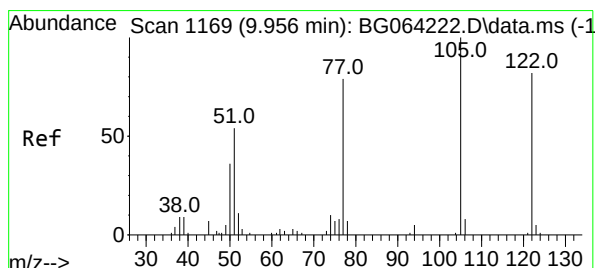
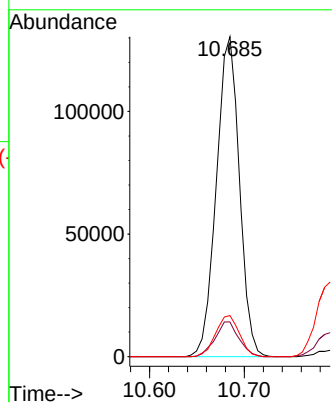
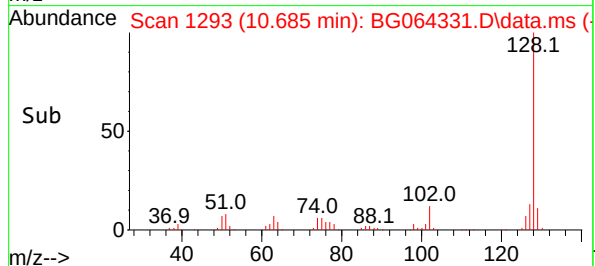
Instrument :
BNA_G
ClientSampleId :
PB169593BS



Tgt Ion:128 Resp: 220096
Ion Ratio Lower Upper
128 100
129 10.8 9.4 14.2
127 12.8 10.9 16.3

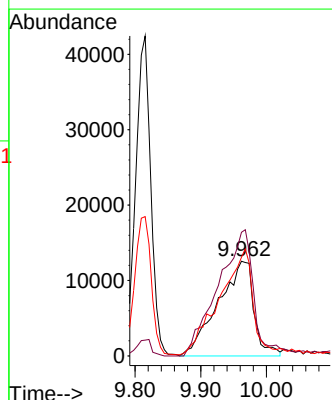
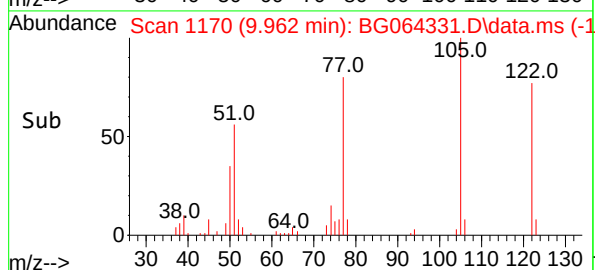
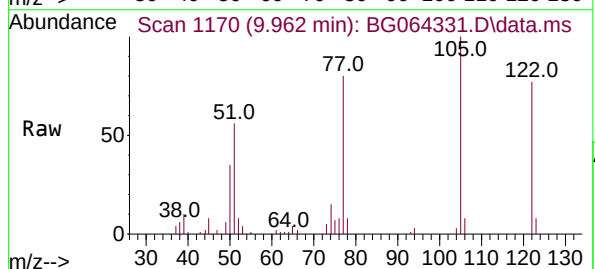
Manual Integrations
APPROVED

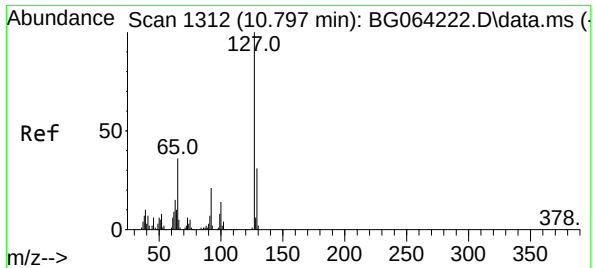
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#32
Benzoic acid
Concen: 43.022 ng
RT: 9.962 min Scan# 1170
Delta R.T. -0.053 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

Tgt Ion:122 Resp: 47682
Ion Ratio Lower Upper
122 100
105 130.7 98.5 138.5
77 104.3 74.6 114.6





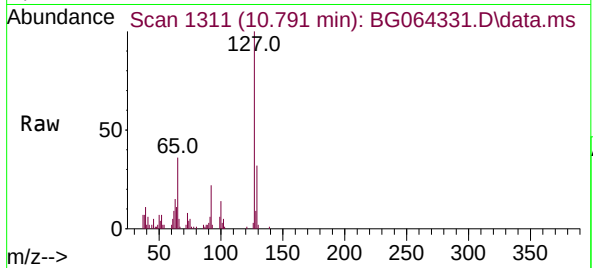
#33
4-Chloroaniline
Concen: 27.703 ng
RT: 10.791 min Scan# 1311
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

Instrument :

BNA_G

ClientSampleId :

PB169593BS

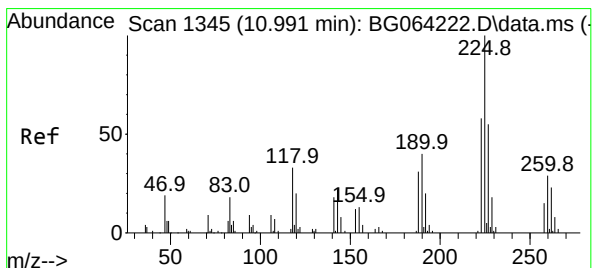
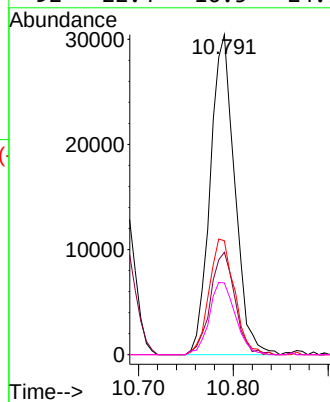
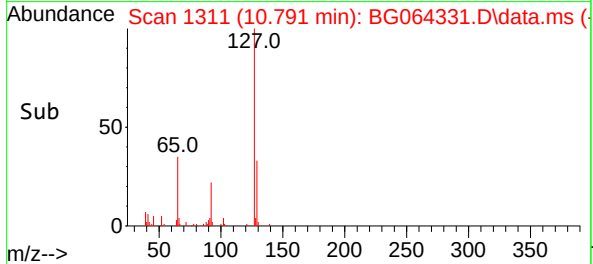


Tgt Ion:127 Resp: 54700
Ion Ratio Lower Upper
127 100
129 32.0 25.0 37.4
65 35.6 28.7 43.1
92 22.4 16.5 24.7

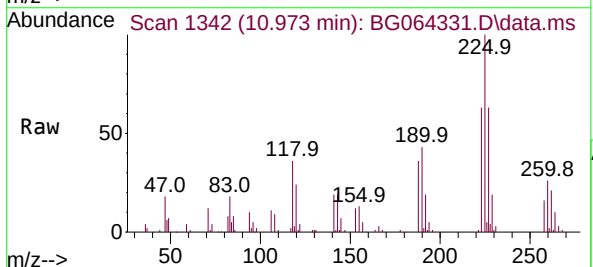
Manual Integrations

APPROVED

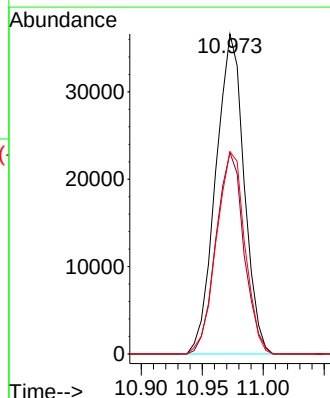
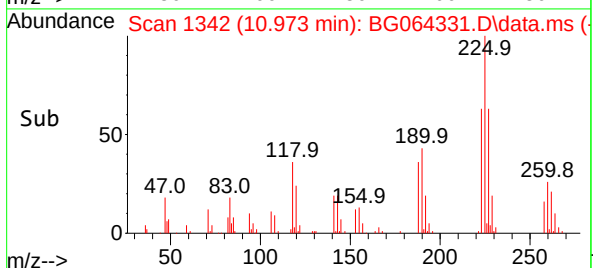
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

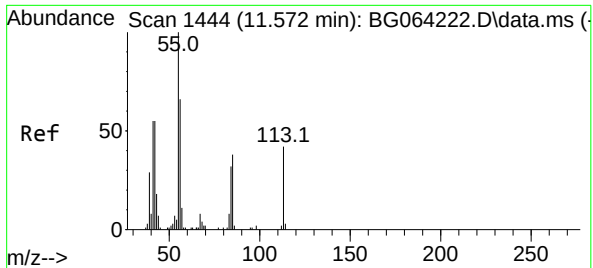


#34
Hexachlorobutadiene
Concen: 51.542 ng
RT: 10.973 min Scan# 1342
Delta R.T. -0.018 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58



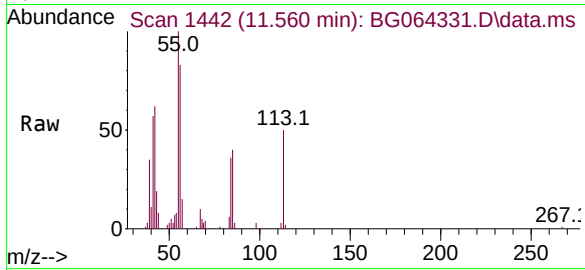
Tgt Ion:225 Resp: 59181
Ion Ratio Lower Upper
225 100
223 62.9 46.5 69.7
227 63.2 44.1 66.1





#35
 Caprolactam
 Concen: 40.255 ng m
 RT: 11.560 min Scan# 1444
 Delta R.T. -0.042 min
 Lab File: BG064331.D
 Acq: 10 Sep 2025 13:58

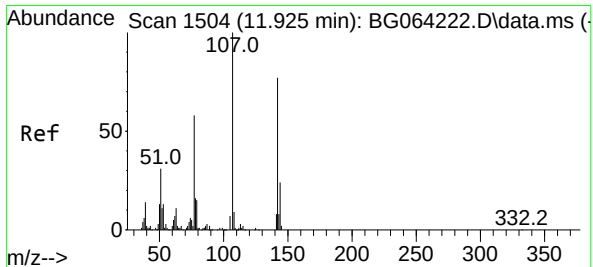
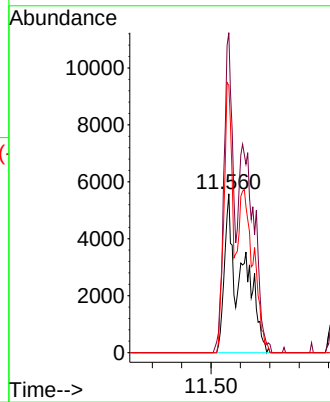
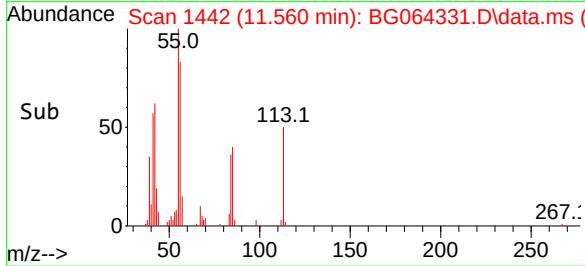
Instrument :
 BNA_G
 ClientSampleId :
 PB169593BS



Tgt Ion:113 Resp: 22963
 Ion Ratio Lower Upper
 113 100
 55 201.6 218.5 258.5
 56 168.2 138.5 178.5

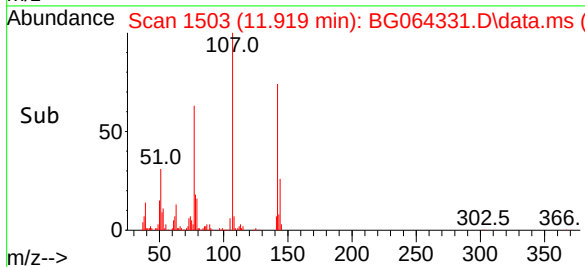
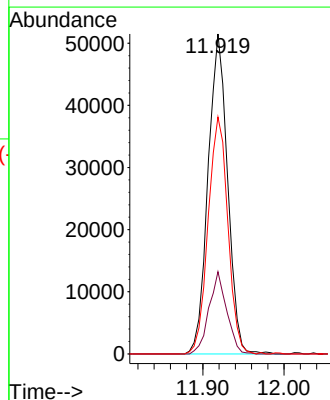
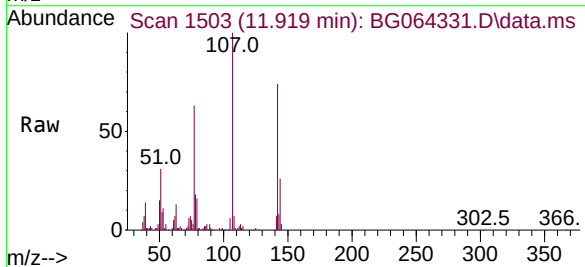
Manual Integrations
 APPROVED

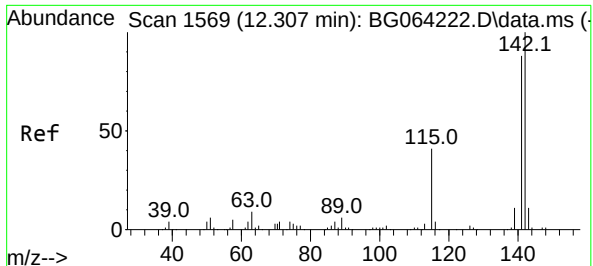
Reviewed By :Rahul Chavli 09/11/2025
 Supervised By :Jagrut Upadhyay 09/11/2025



#36
 4-Chloro-3-methylphenol
 Concen: 44.965 ng
 RT: 11.919 min Scan# 1503
 Delta R.T. -0.012 min
 Lab File: BG064331.D
 Acq: 10 Sep 2025 13:58

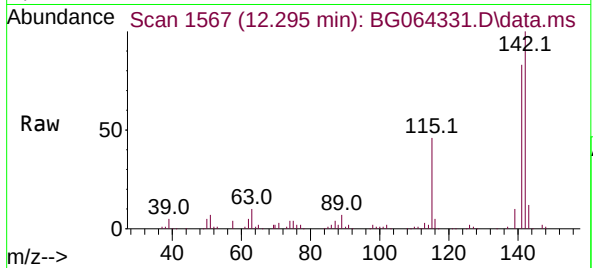
Tgt Ion:107 Resp: 85948
 Ion Ratio Lower Upper
 107 100
 144 25.7 19.5 29.3
 142 74.0 62.0 93.0





#37
2-Methylnaphthalene
Concen: 39.743 ng
RT: 12.295 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

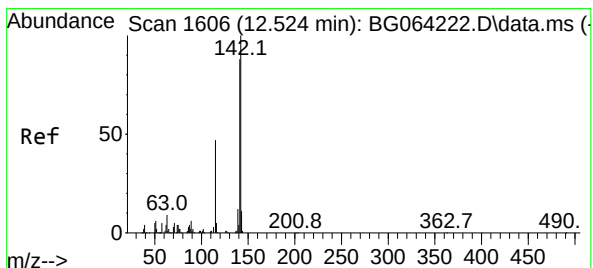
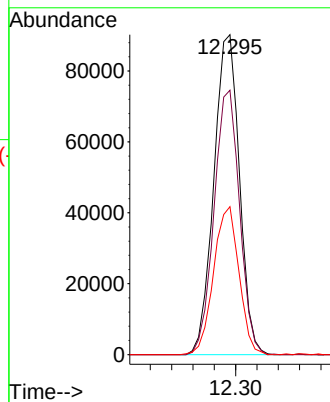
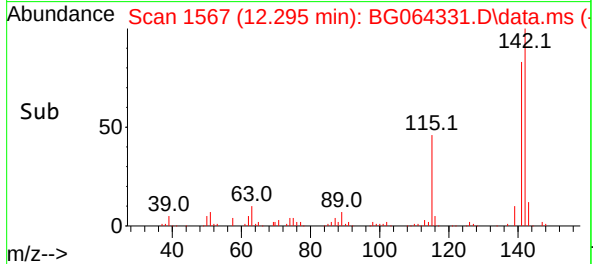
Instrument :
BNA_G
ClientSampleId :
PB169593BS



Tgt Ion:142 Resp: 150494
Ion Ratio Lower Upper
142 100
141 82.6 70.1 105.1
115 46.2 33.1 49.7

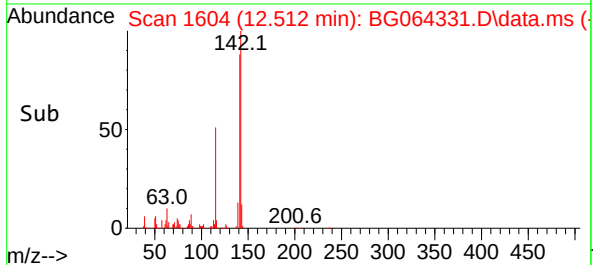
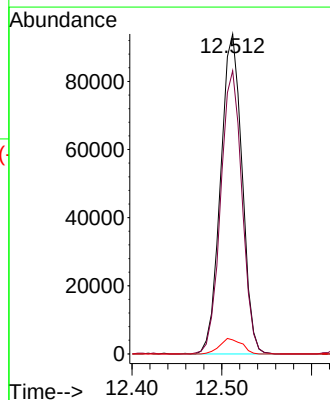
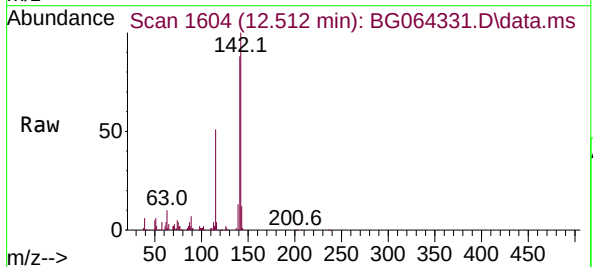
Manual Integrations
APPROVED

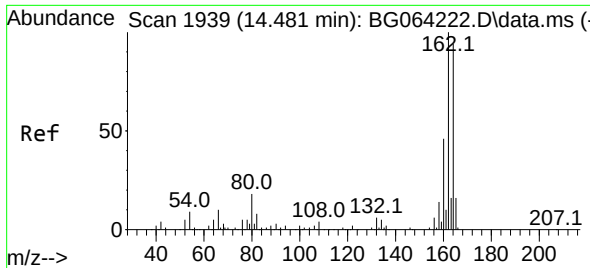
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#38
1-Methylnaphthalene
Concen: 41.711 ng
RT: 12.512 min Scan# 1604
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

Tgt Ion:142 Resp: 156006
Ion Ratio Lower Upper
142 100
141 88.5 70.3 105.5
116 4.4 3.7 5.5





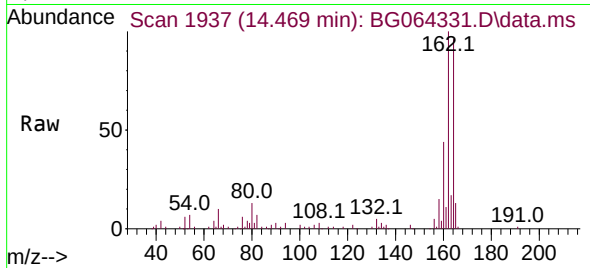
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1939
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

Instrument :

BNA_G

ClientSampleId :

PB169593BS

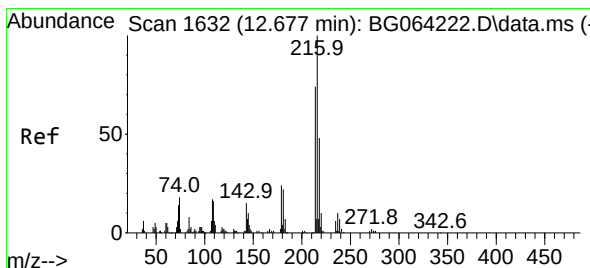
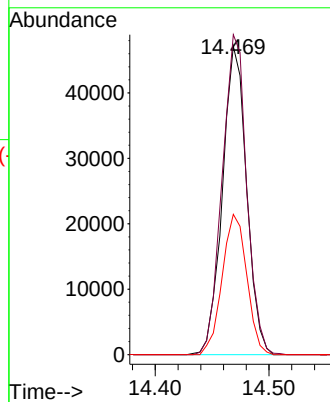
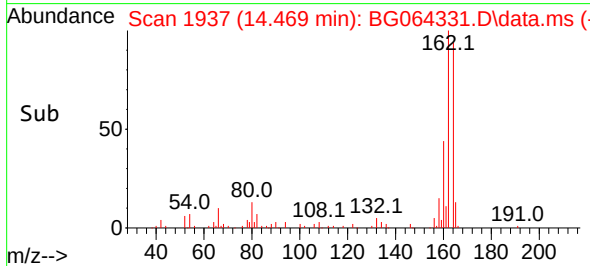


Tgt Ion:164 Resp: 69463
Ion Ratio Lower Upper
164 100
162 103.8 85.4 128.0
160 45.5 39.2 58.8

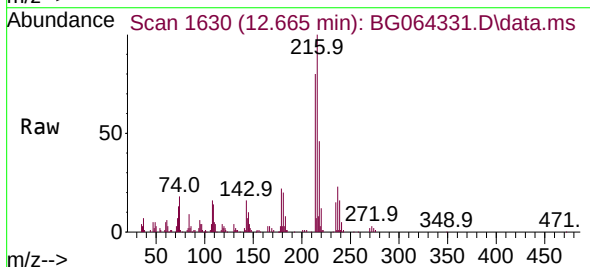
Manual Integrations

APPROVED

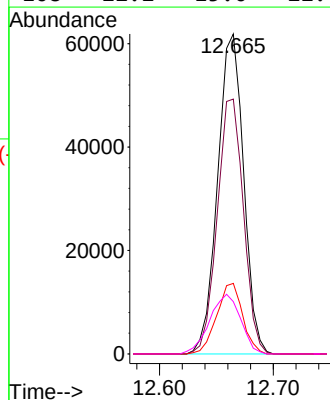
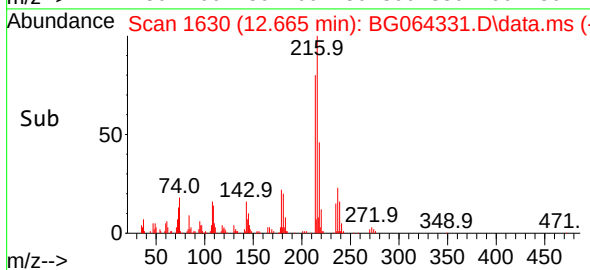
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

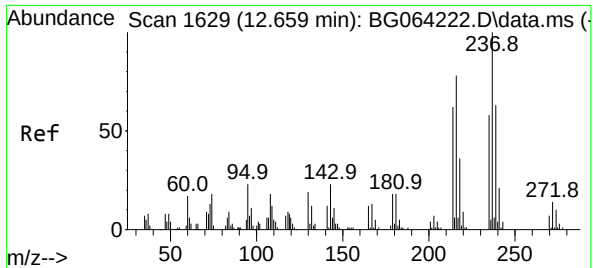


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.004 ng
RT: 12.665 min Scan# 1630
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58



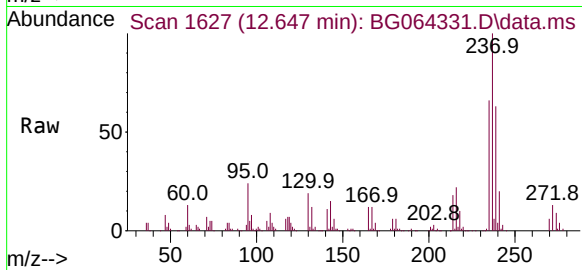
Tgt Ion:216 Resp: 98214
Ion Ratio Lower Upper
216 100
214 80.2 61.9 92.9
179 22.0 17.9 26.9
108 22.2 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 150.178 ng
RT: 12.647 min Scan# 1627
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

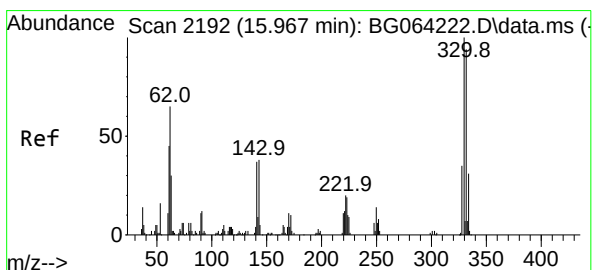
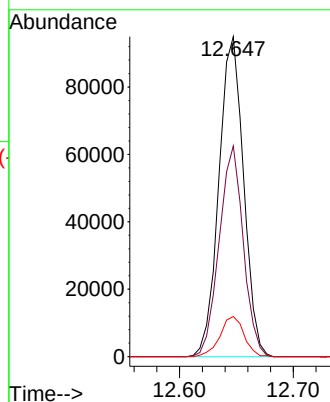
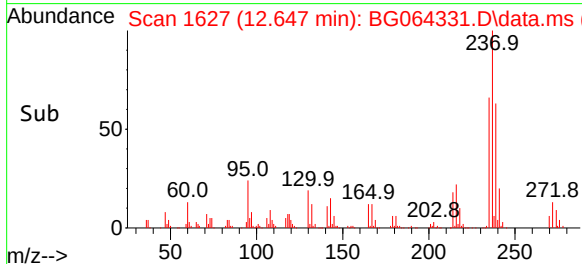
Instrument :
BNA_G
ClientSampleId :
PB169593BS



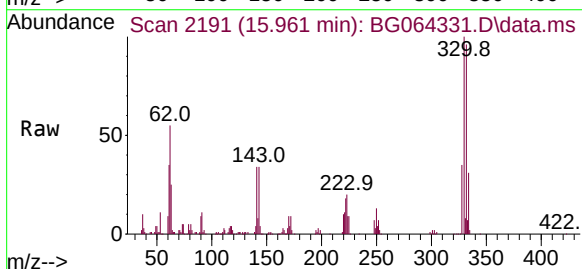
Tgt Ion:237 Resp: 143051
Ion Ratio Lower Upper
237 100
235 65.8 37.9 77.9
272 12.5 0.0 33.8

Manual Integrations
APPROVED

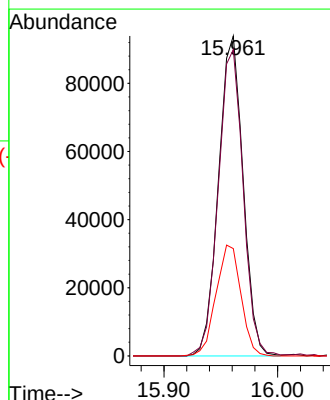
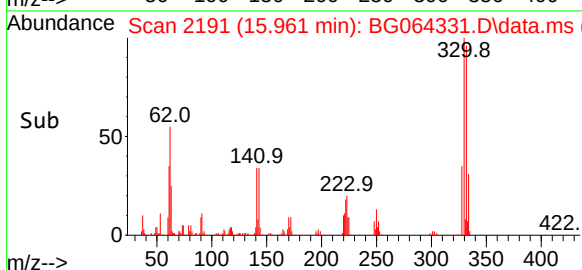
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

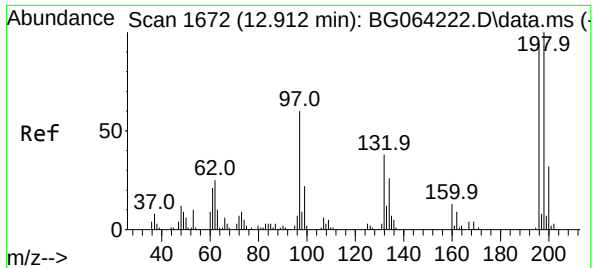


#42
2,4,6-Tribromophenol
Concen: 153.066 ng
RT: 15.961 min Scan# 2191
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58



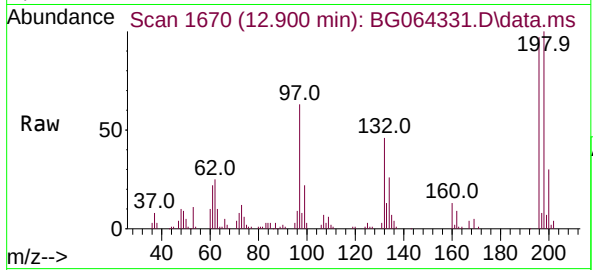
Tgt Ion:330 Resp: 140831
Ion Ratio Lower Upper
330 100
332 97.1 77.6 116.4
141 35.1 29.8 44.6





#43
2,4,6-Trichlorophenol
Concen: 49.180 ng
RT: 12.900 min Scan# 1672
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

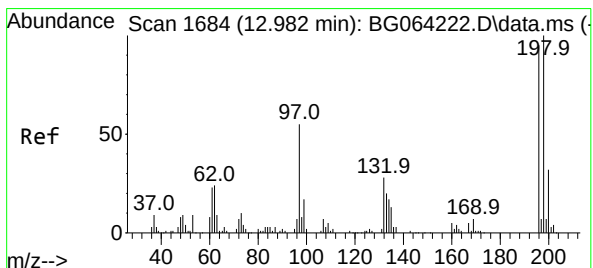
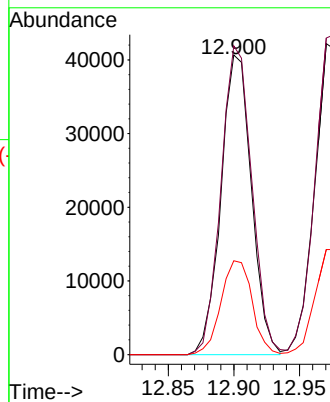
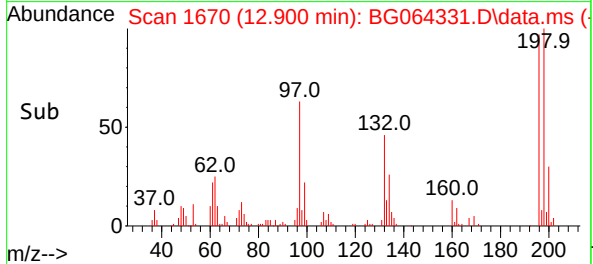
Instrument :
BNA_G
ClientSampleId :
PB169593BS



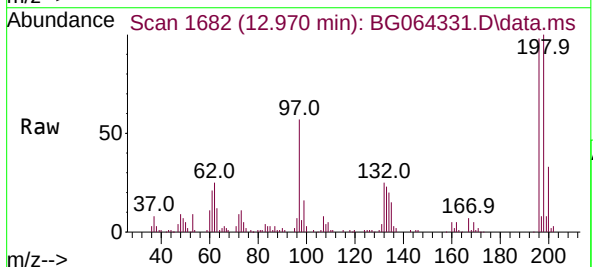
Tgt Ion:196 Resp: 6588
Ion Ratio Lower Upper
196 100
198 103.0 85.4 128.2
200 31.3 27.3 40.9

Manual Integrations
APPROVED

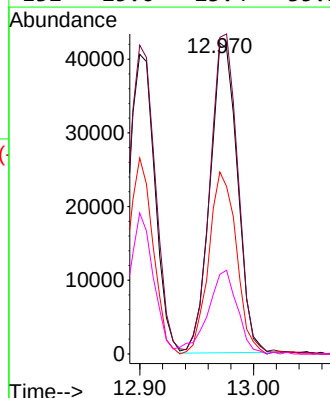
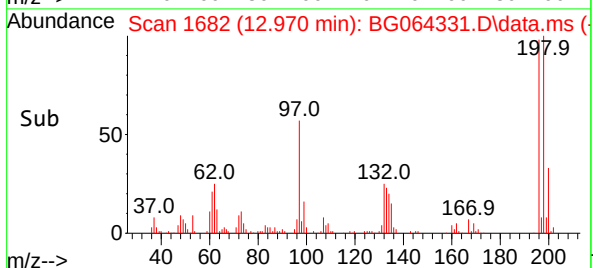
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

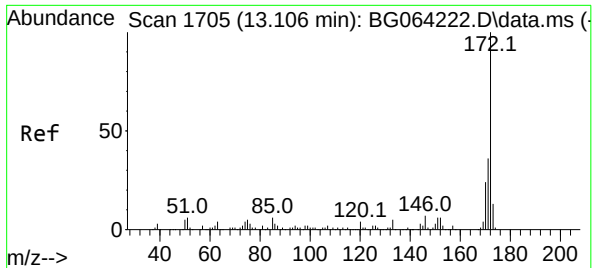


#44
2,4,5-Trichlorophenol
Concen: 48.660 ng
RT: 12.970 min Scan# 1682
Delta R.T. -0.018 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58



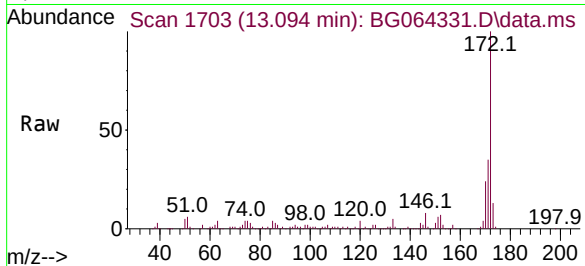
Tgt Ion:196 Resp: 70710
Ion Ratio Lower Upper
196 100
198 101.8 84.5 126.7
97 58.5 46.8 70.2
132 25.6 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 87.982 ng
RT: 13.094 min Scan# 1705
Delta R.T. -0.018 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

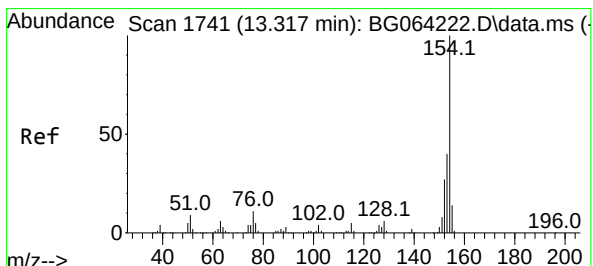
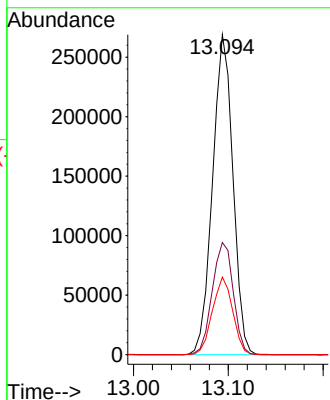
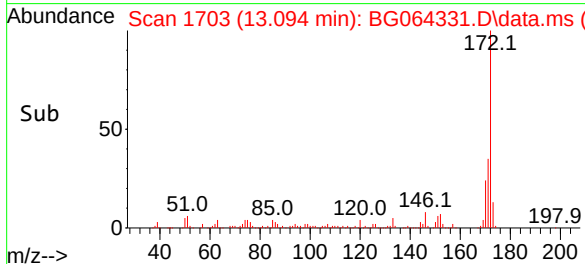
Instrument :
BNA_G
ClientSampleId :
PB169593BS



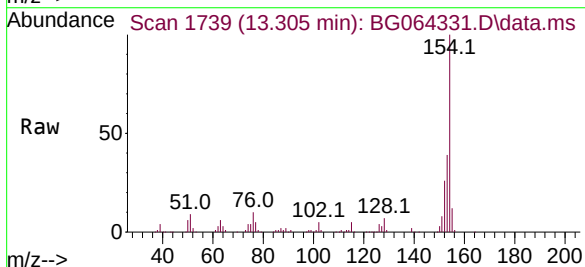
Tgt Ion:172 Resp: 400398
Ion Ratio Lower Upper
172 100
171 35.0 28.7 43.1
170 24.2 19.0 28.6

Manual Integrations
APPROVED

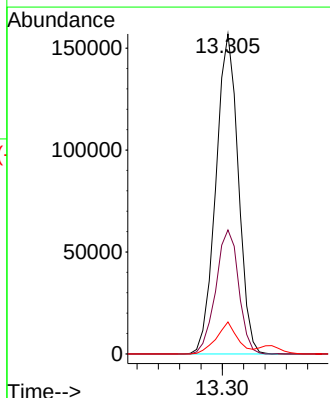
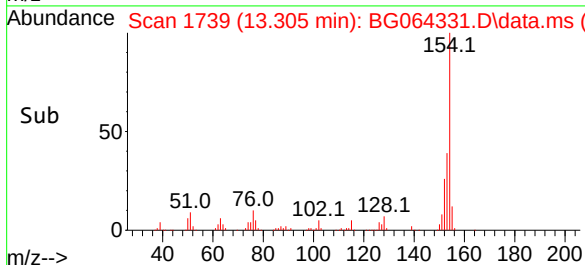
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

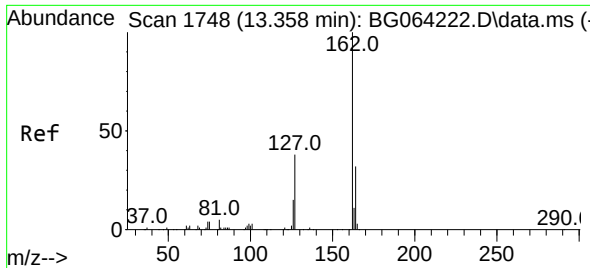


#46
1,1'-Biphenyl
Concen: 45.278 ng
RT: 13.305 min Scan# 1739
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58



Tgt Ion:154 Resp: 229075
Ion Ratio Lower Upper
154 100
153 38.7 19.9 59.9
76 10.0 0.0 30.9





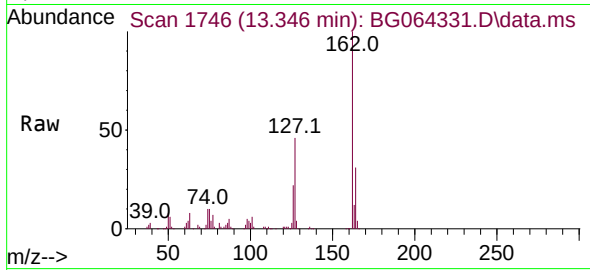
#47
2-Chloronaphthalene
Concen: 44.570 ng
RT: 13.346 min Scan# 1746
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

Instrument :

BNA_G

ClientSampleId :

PB169593BS

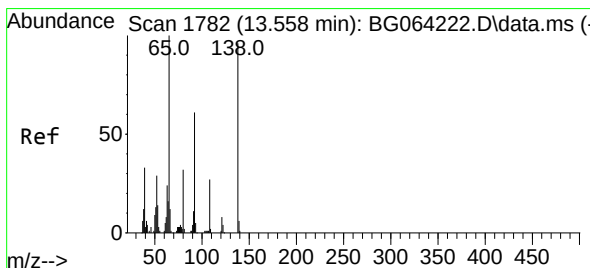
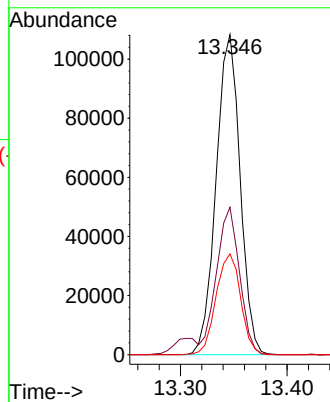
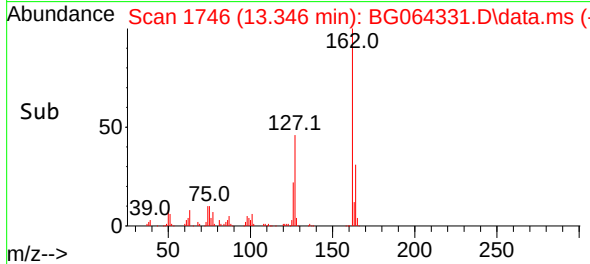


Tgt Ion:162 Resp: 169525
Ion Ratio Lower Upper
162 100
127 46.0 33.9 50.9
164 31.5 25.4 38.2

Manual Integrations

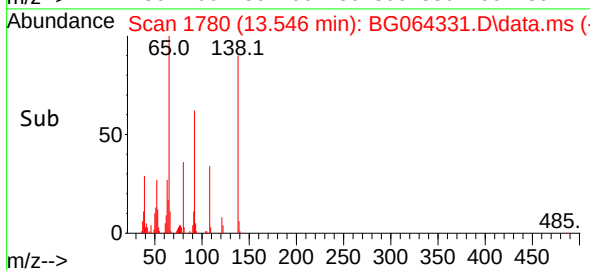
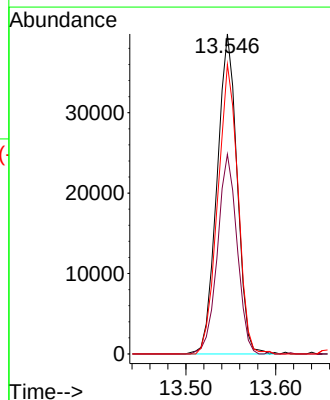
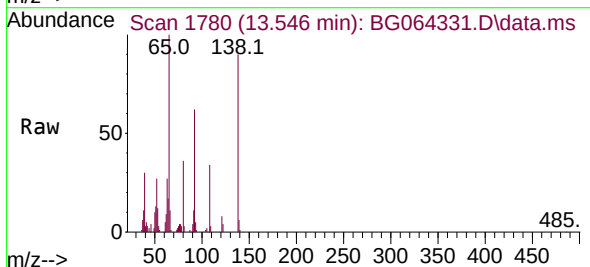
APPROVED

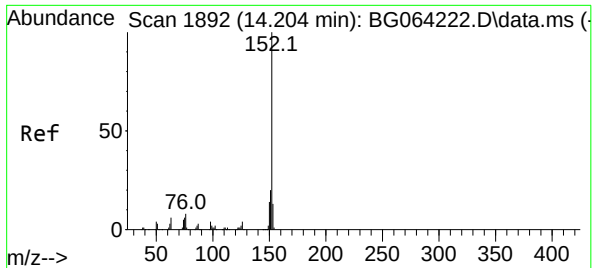
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#48
2-Nitroaniline
Concen: 47.776 ng
RT: 13.546 min Scan# 1780
Delta R.T. -0.018 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

Tgt Ion: 65 Resp: 61936
Ion Ratio Lower Upper
65 100
92 62.4 49.2 73.8
138 90.5 76.8 115.2





#49

Acenaphthylene

Concen: 50.516 ng

RT: 14.192 min Scan# 1892

Delta R.T. -0.012 min

Lab File: BG064331.D

Acq: 10 Sep 2025 13:58

Instrument :

BNA_G

ClientSampleId :

PB169593BS

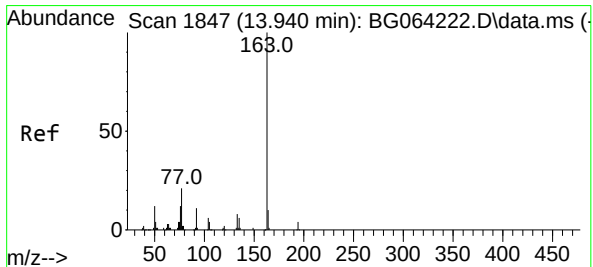
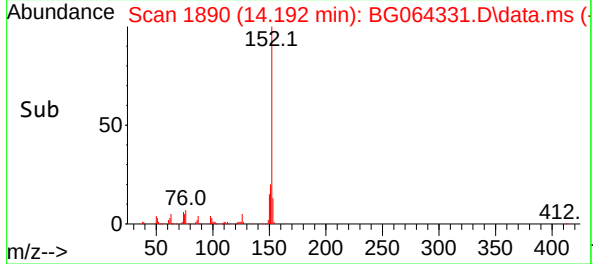
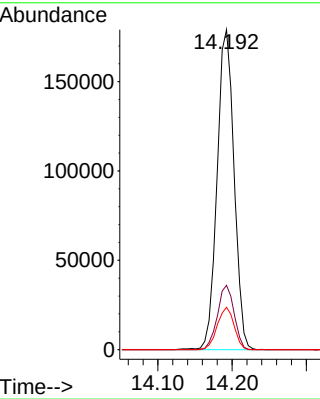
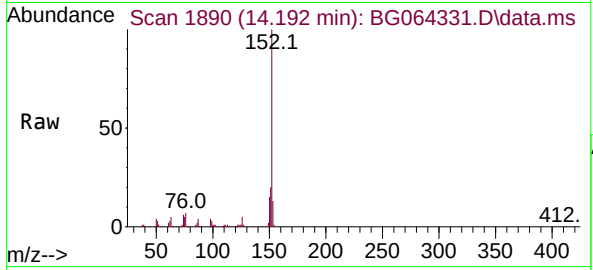
Tgt Ion:	152	Resp:	28402
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.2	24.2
153	13.2	10.1	15.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/11/2025

Supervised By :Jagrut Upadhyay 09/11/2025



#50

Dimethylphthalate

Concen: 44.770 ng

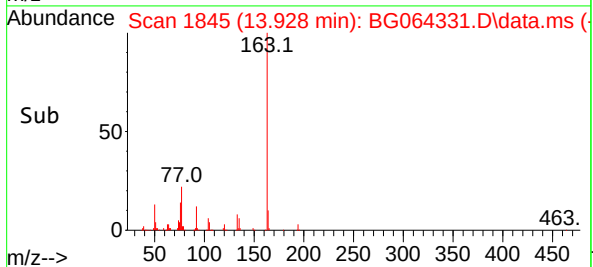
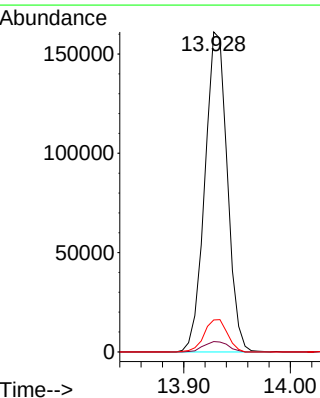
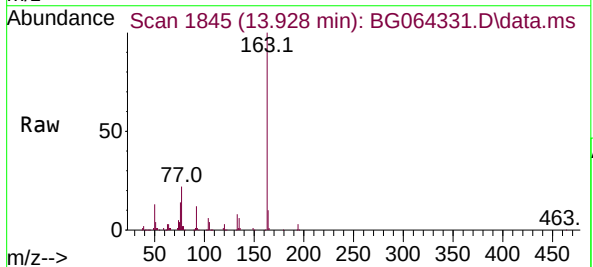
RT: 13.928 min Scan# 1845

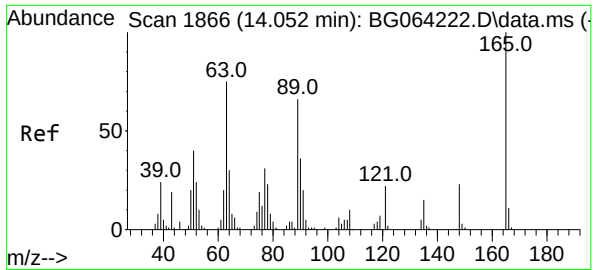
Delta R.T. -0.018 min

Lab File: BG064331.D

Acq: 10 Sep 2025 13:58

Tgt Ion:	163	Resp:	235391
Ion Ratio	Lower	Upper	
163	100		
194	3.2	3.0	4.4
164	10.0	7.9	11.9





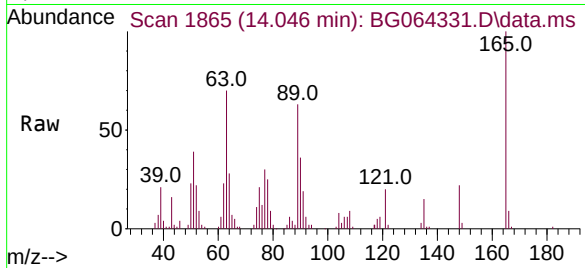
#51
2,6-Dinitrotoluene
Concen: 50.322 ng
RT: 14.046 min Scan# 1866
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

Instrument :

BNA_G

ClientSampleId :

PB169593BS

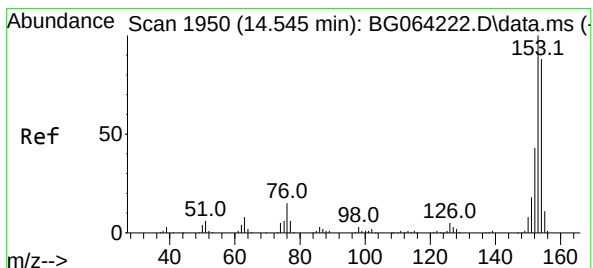
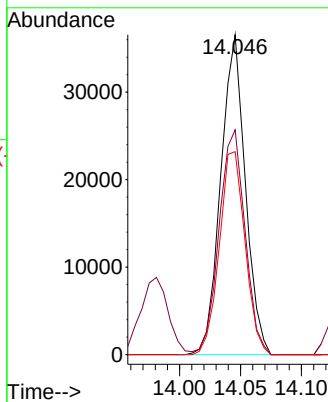
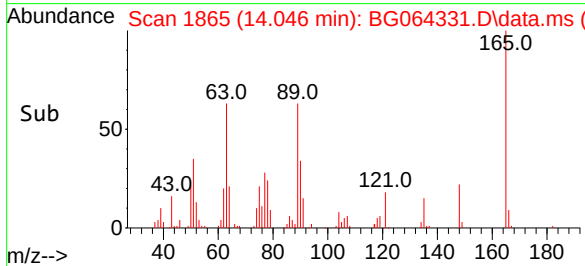


Tgt Ion:165 Resp: 51221
Ion Ratio Lower Upper
165 100
63 70.2 60.3 90.5
89 63.4 52.9 79.3

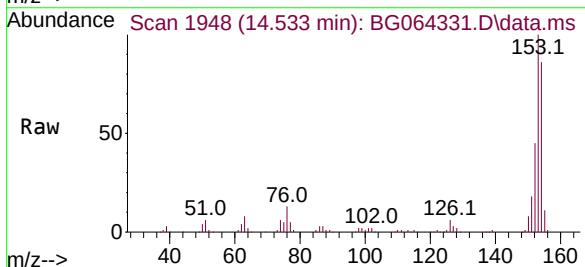
Manual Integrations

APPROVED

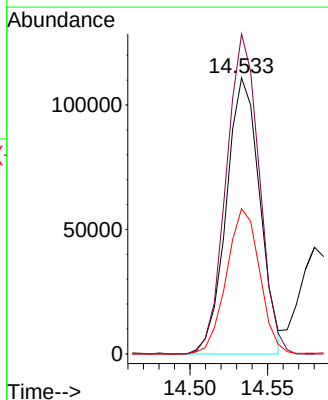
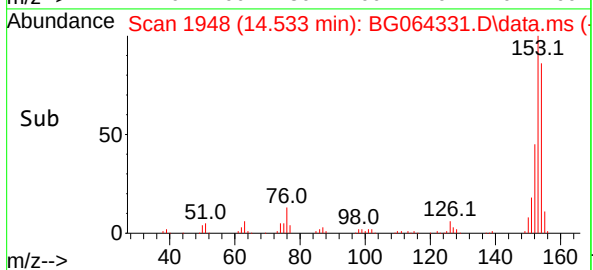
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

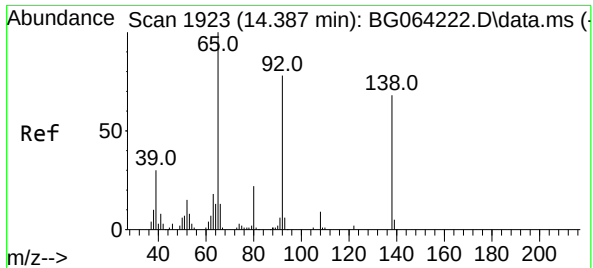


#52
Acenaphthene
Concen: 42.040 ng
RT: 14.533 min Scan# 1948
Delta R.T. -0.018 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58



Tgt Ion:154 Resp: 166809
Ion Ratio Lower Upper
154 100
153 116.0 91.1 136.7
152 52.6 39.6 59.4





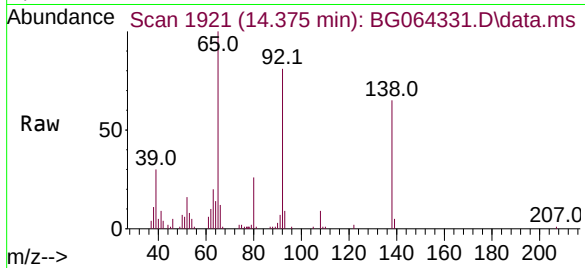
#53
3-Nitroaniline
Concen: 35.442 ng
RT: 14.375 min Scan# 1921
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

Instrument :

BNA_G

ClientSampleId :

PB169593BS

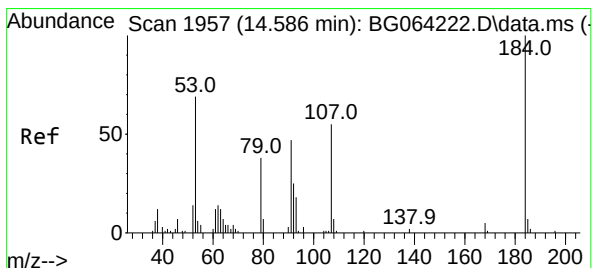
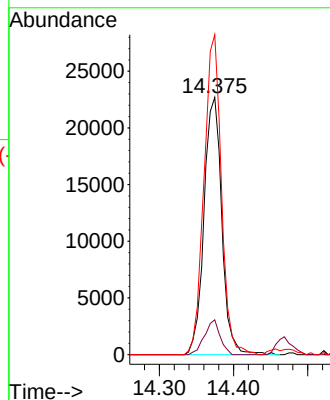
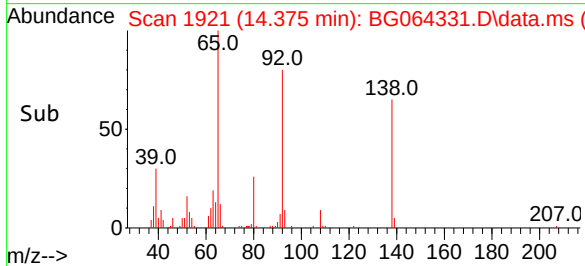


Tgt Ion:138 Resp: 37789
Ion Ratio Lower Upper
138 100
108 13.5 11.0 16.6
92 124.4 91.4 137.0

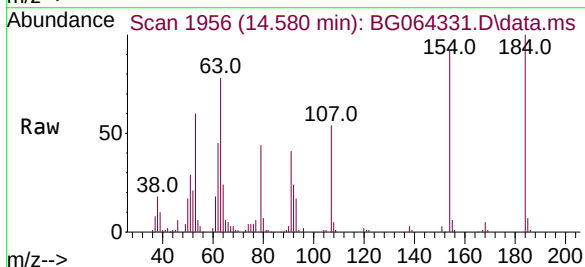
Manual Integrations

APPROVED

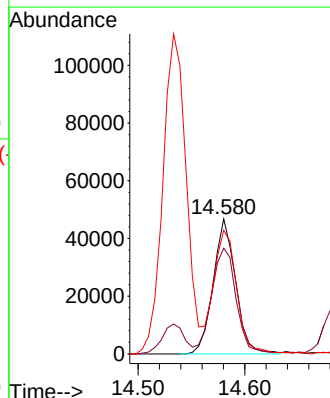
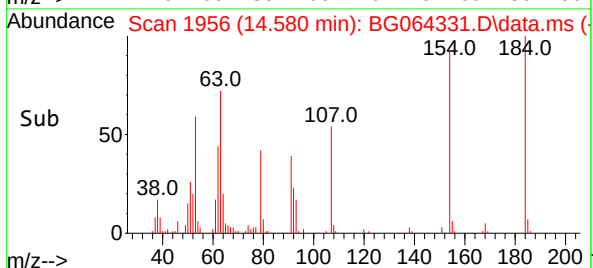
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

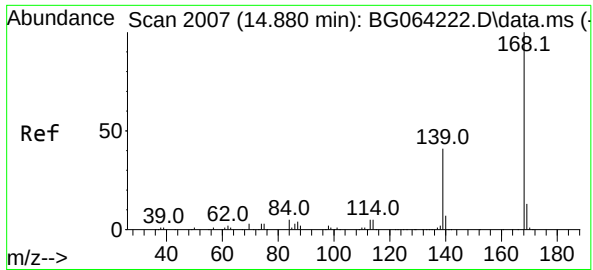


#54
2,4-Dinitrophenol
Concen: 101.174 ng
RT: 14.580 min Scan# 1956
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58



Tgt Ion:184 Resp: 68354
Ion Ratio Lower Upper
184 100
63 78.3 60.1 90.1
154 91.7 59.8 89.8#





#55

Dibenzenofuran

Concen: 45.210 ng

RT: 14.868 min Scan# 20

Delta R.T. -0.012 min

Lab File: BG064331.D

Acq: 10 Sep 2025 13:58

Instrument :

BNA_G

ClientSampleId :

PB169593BS

Tgt Ion:168 Resp: 282159

Ion Ratio Lower Upper

168 100

139 42.8 33.2 49.8

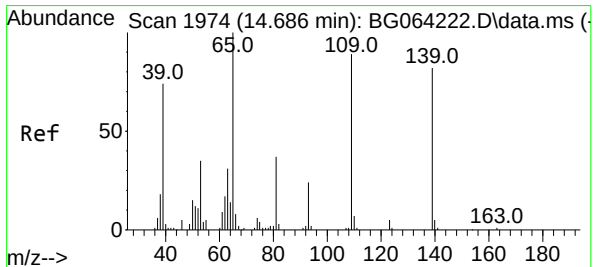
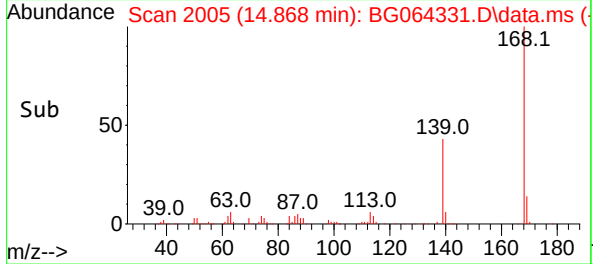
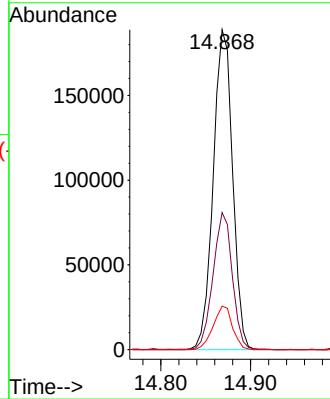
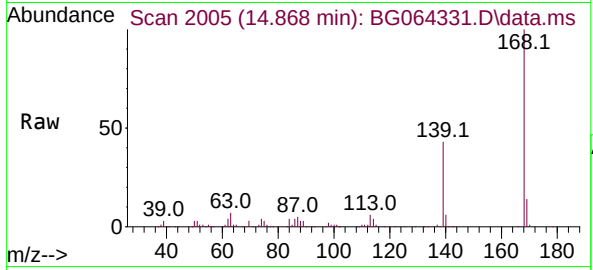
169 13.6 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/11/2025

Supervised By :Jagrut Upadhyay 09/11/2025



#56

4-Nitrophenol

Concen: 94.209 ng

RT: 14.692 min Scan# 1975

Delta R.T. -0.006 min

Lab File: BG064331.D

Acq: 10 Sep 2025 13:58

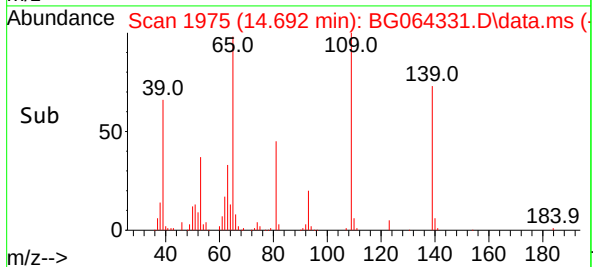
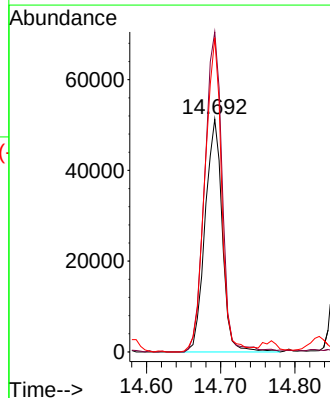
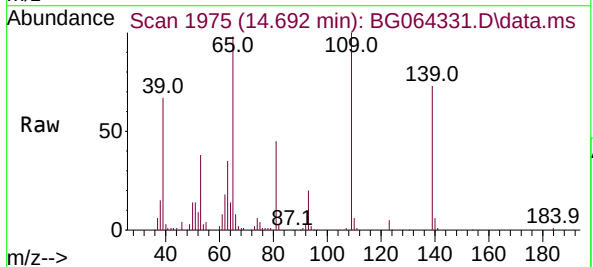
Tgt Ion:139 Resp: 82396

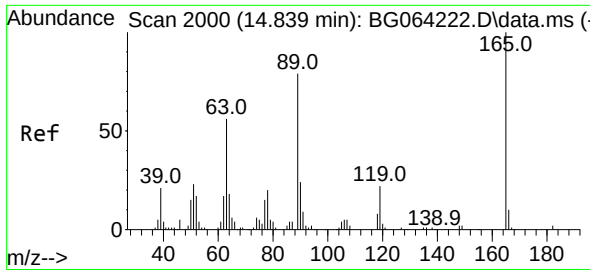
Ion Ratio Lower Upper

139 100

109 137.5 89.1 129.1#

65 135.0 102.9 142.9





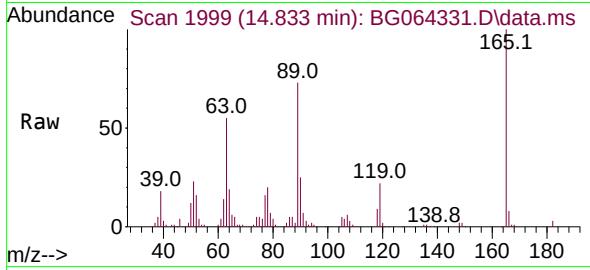
#57
2,4-Dinitrotoluene
Concen: 49.665 ng
RT: 14.833 min Scan# 1999
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

Instrument :

BNA_G

ClientSampleId :

PB169593BS

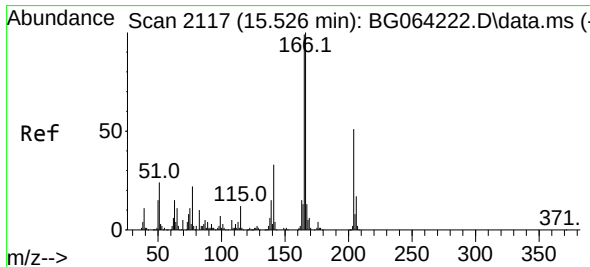
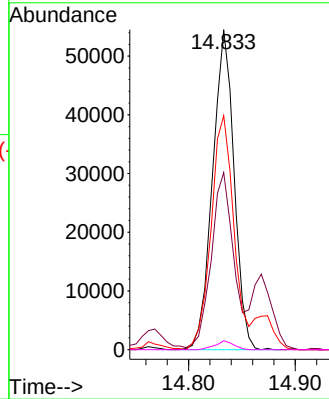
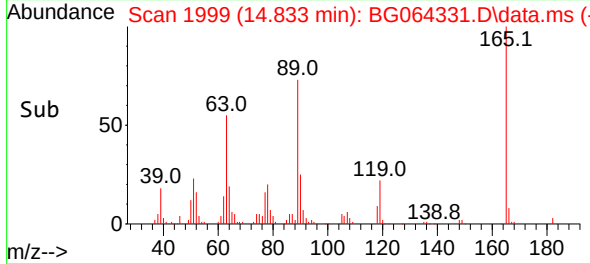


Tgt Ion:165 Resp: 76436
Ion Ratio Lower Upper
165 100
63 55.3 44.6 67.0
89 73.1 63.0 94.4
182 2.8 1.5 2.3#

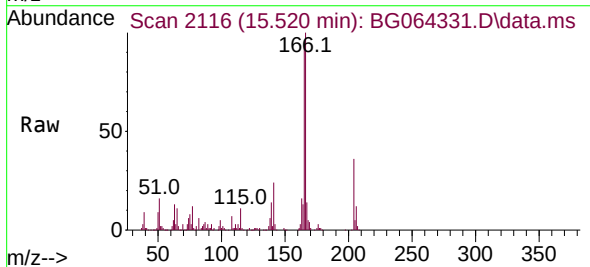
Manual Integrations

APPROVED

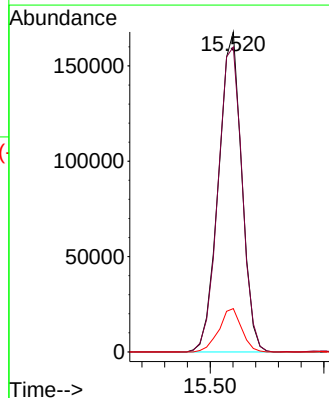
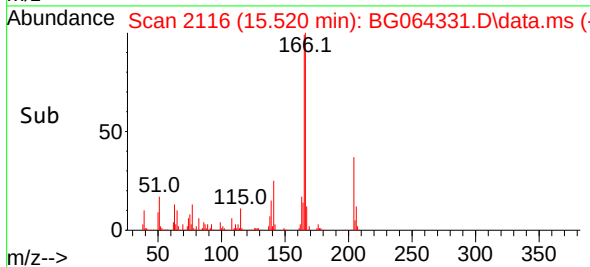
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

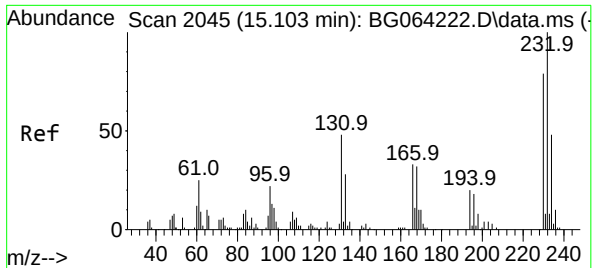


#58
Fluorene
Concen: 46.423 ng
RT: 15.520 min Scan# 2116
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58



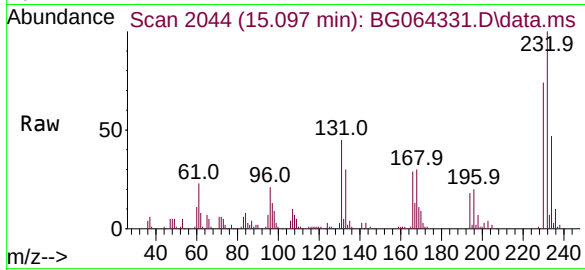
Tgt Ion:166 Resp: 237474
Ion Ratio Lower Upper
166 100
165 95.3 79.1 118.7
167 13.5 10.2 15.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.302 ng
RT: 15.097 min Scan# 2044
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

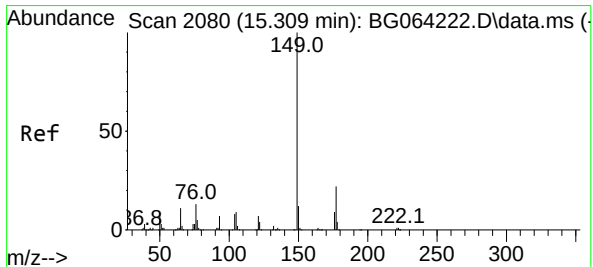
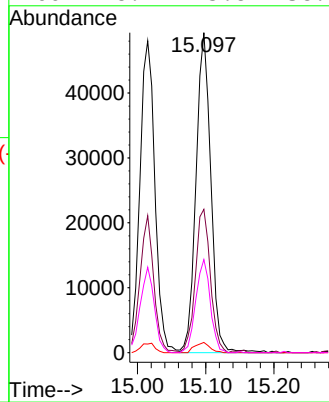
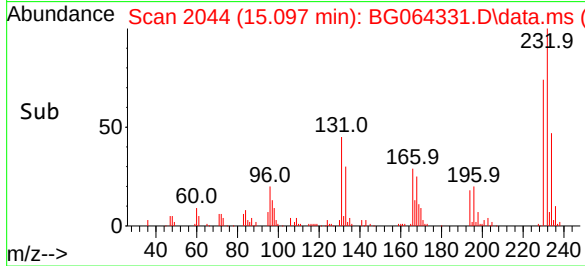
Instrument :
BNA_G
ClientSampleId :
PB169593BS



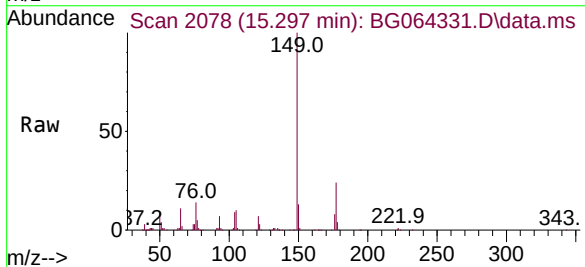
Tgt Ion:232 Resp: 74498
Ion Ratio Lower Upper
232 100
131 45.3 37.1 55.7
130 3.2 2.6 3.8
166 28.4 25.8 38.6

Manual Integrations
APPROVED

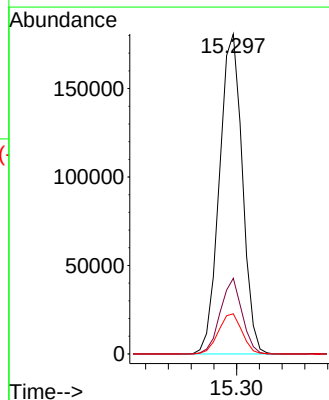
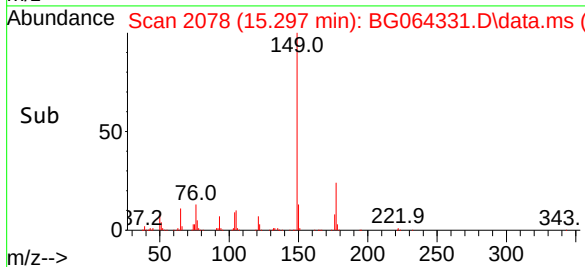
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

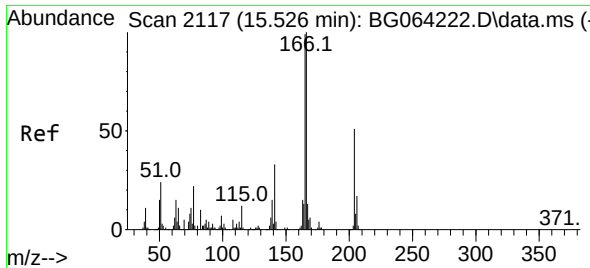


#60
Diethylphthalate
Concen: 44.926 ng
RT: 15.297 min Scan# 2078
Delta R.T. -0.018 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58



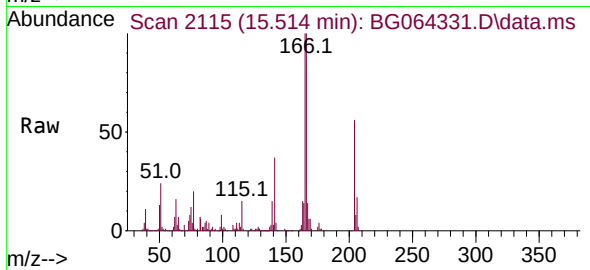
Tgt Ion:149 Resp: 252794
Ion Ratio Lower Upper
149 100
177 23.6 17.5 26.3
150 12.5 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 47.028 ng
RT: 15.514 min Scan# 2119
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

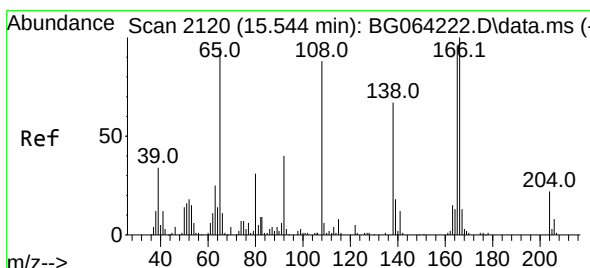
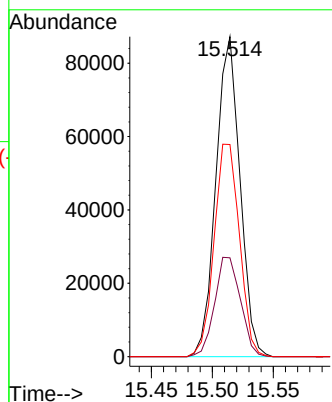
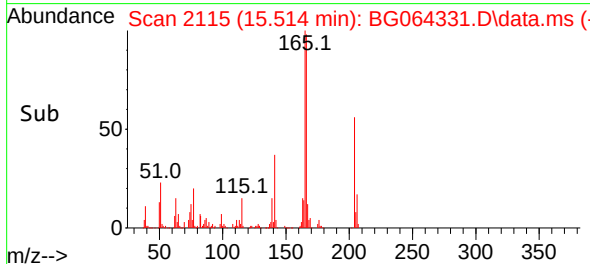
Instrument :
BNA_G
ClientSampleId :
PB169593BS



Tgt Ion:204 Resp: 119944
Ion Ratio Lower Upper
204 100
206 30.9 26.2 39.4
141 66.3 51.9 77.9

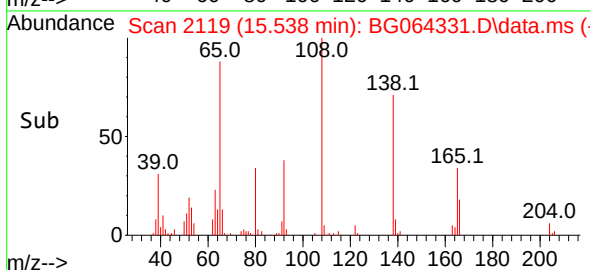
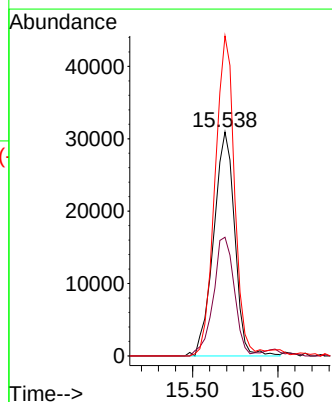
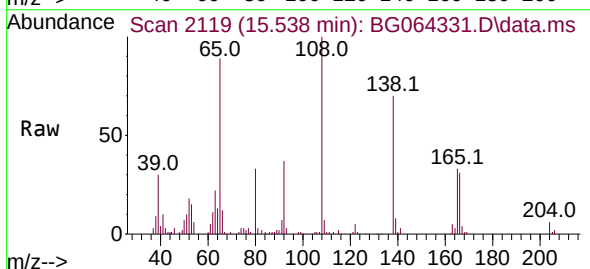
Manual Integrations
APPROVED

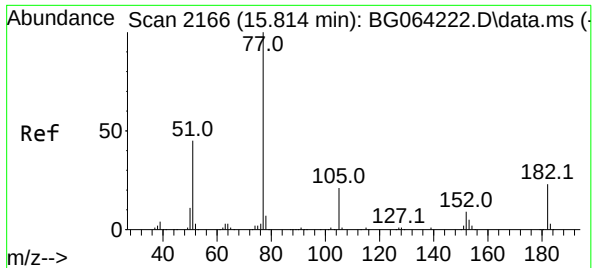
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#62
4-Nitroaniline
Concen: 48.843 ng
RT: 15.538 min Scan# 2119
Delta R.T. -0.018 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

Tgt Ion:138 Resp: 53140
Ion Ratio Lower Upper
138 100
92 52.9 39.1 79.1
108 142.9 111.3 151.3





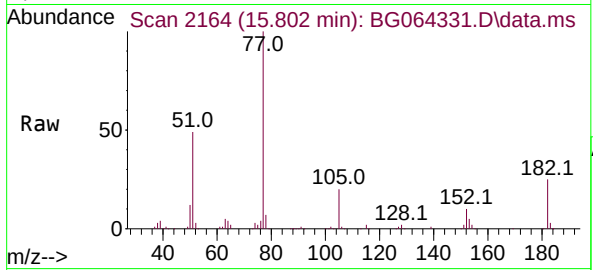
#63
Azobenzene
Concen: 42.833 ng
RT: 15.802 min Scan# 2166
Delta R.T. -0.018 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

Instrument :

BNA_G

ClientSampleId :

PB169593BS

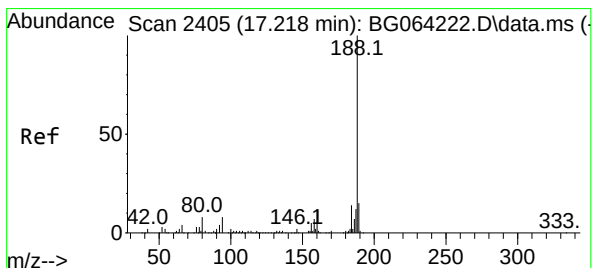
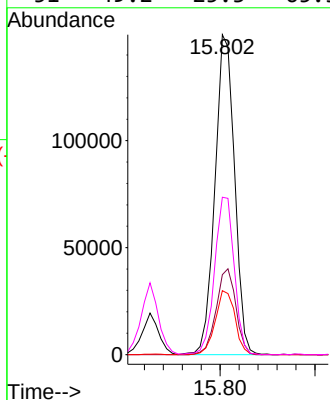
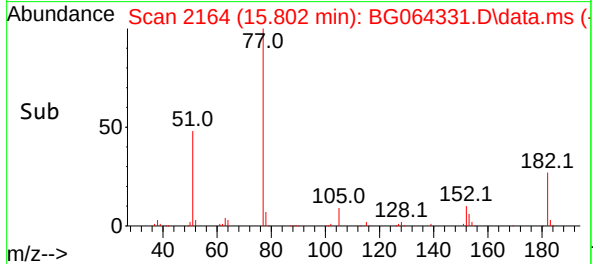


Tgt Ion: 77 Resp: 214818
Ion Ratio Lower Upper
77 100
182 25.0 3.3 43.3
105 20.0 0.6 40.6
51 49.2 25.3 65.3

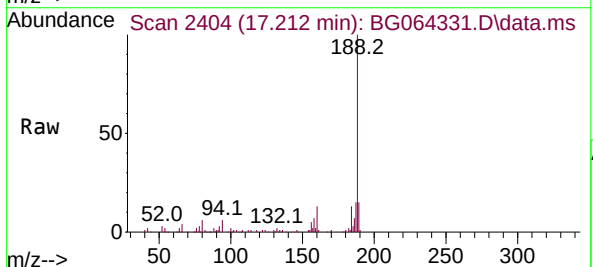
Manual Integrations

APPROVED

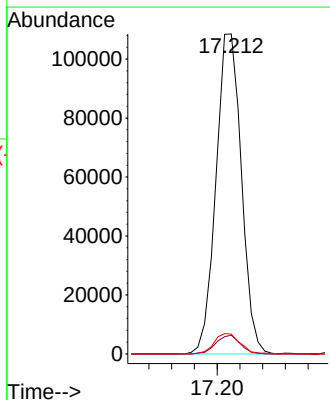
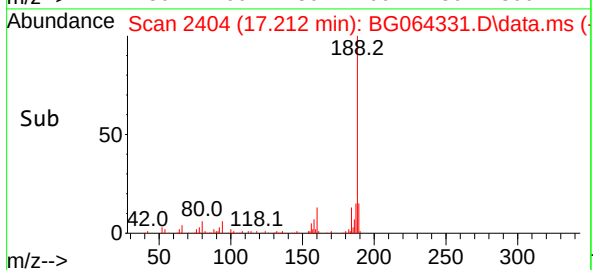
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

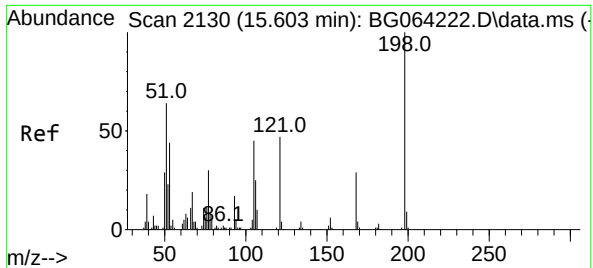


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.212 min Scan# 2404
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58



Tgt Ion:188 Resp: 167983
Ion Ratio Lower Upper
188 100
94 5.8 6.2 9.4#
80 6.2 6.8 10.2#





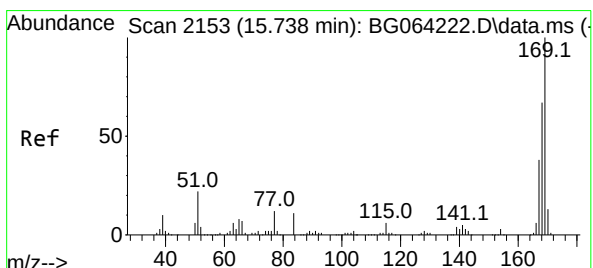
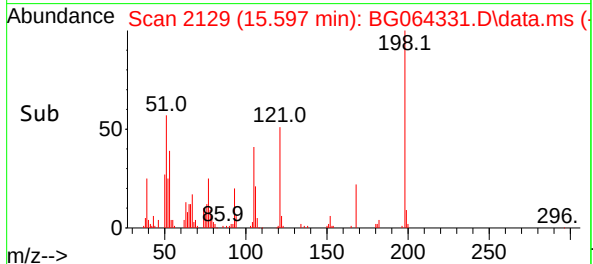
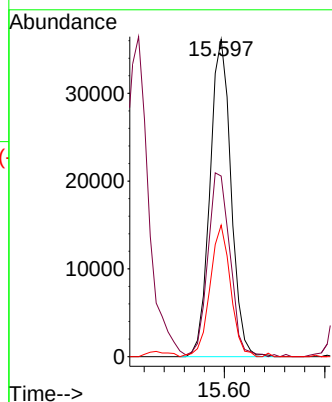
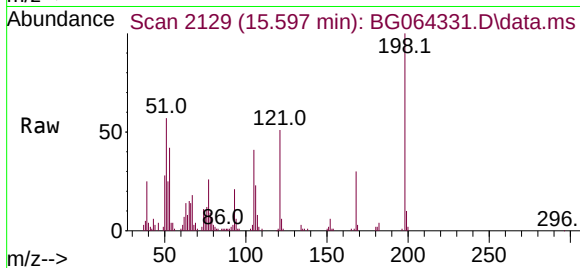
#65
4,6-Dinitro-2-methylphenol
Concen: 54.669 ng
RT: 15.597 min Scan# 2111
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

Instrument :
BNA_G
ClientSampleId :
PB169593BS

Tgt Ion:198 Resp: 52725
Ion Ratio Lower Upper
198 100
51 56.9 46.2 86.2
105 41.4 25.0 65.0

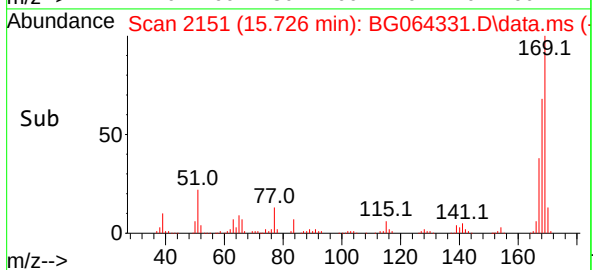
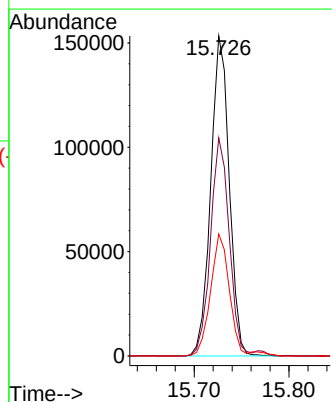
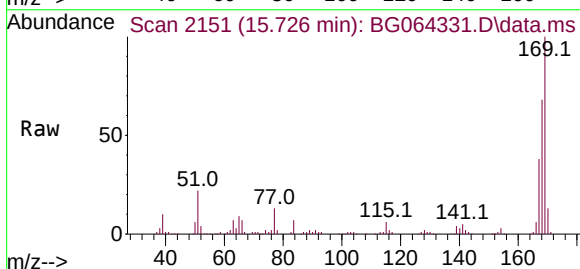
Manual Integrations
APPROVED

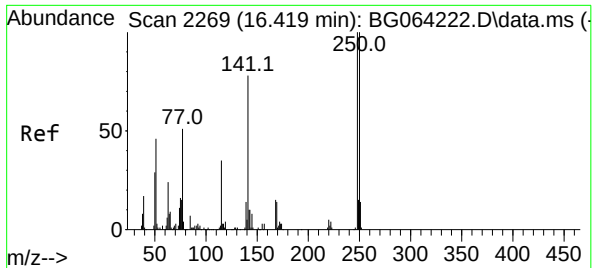
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#66
n-Nitrosodiphenylamine
Concen: 45.060 ng
RT: 15.726 min Scan# 2151
Delta R.T. -0.018 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

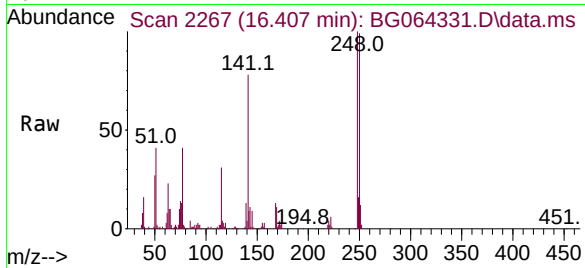
Tgt Ion:169 Resp: 208224
Ion Ratio Lower Upper
169 100
168 68.1 53.8 80.8
167 38.1 30.2 45.2





#67
4-Bromophenyl-phenylether
Concen: 48.066 ng
RT: 16.407 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

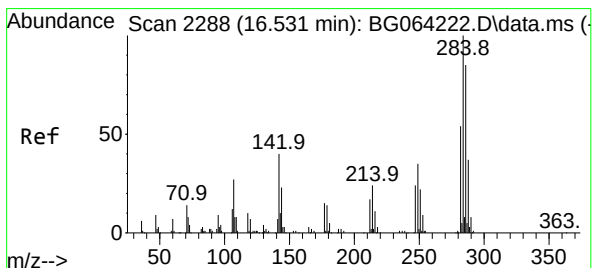
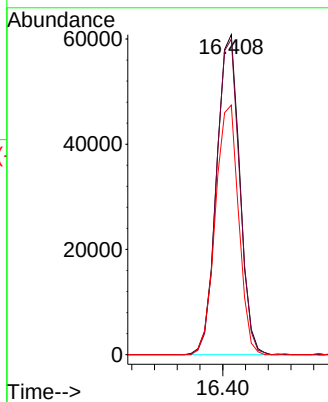
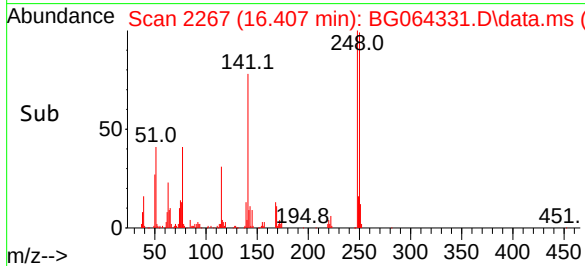
Instrument :
BNA_G
ClientSampleId :
PB169593BS



Tgt Ion:248 Resp: 85759
Ion Ratio Lower Upper
248 100
250 98.6 80.2 120.4
141 78.0 62.4 93.6

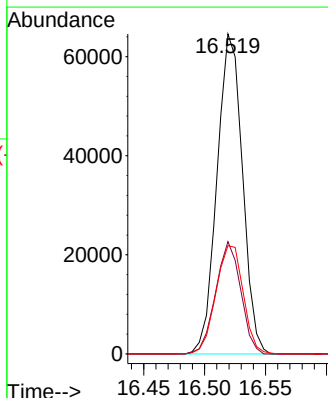
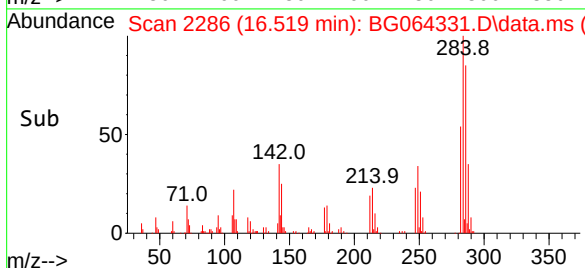
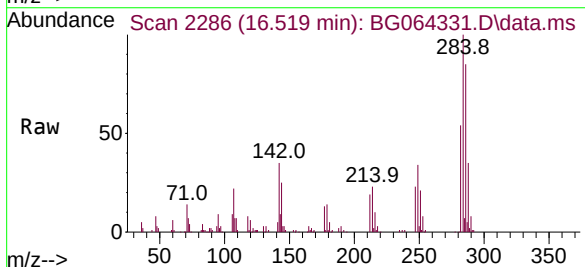
Manual Integrations
APPROVED

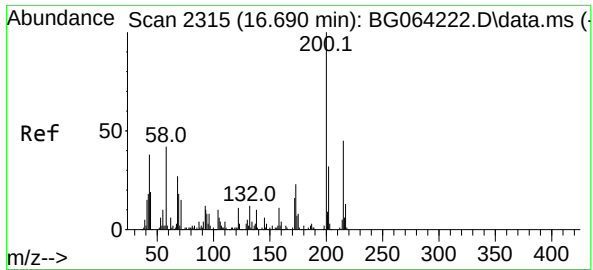
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#68
Hexachlorobenzene
Concen: 47.356 ng
RT: 16.519 min Scan# 2286
Delta R.T. -0.018 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

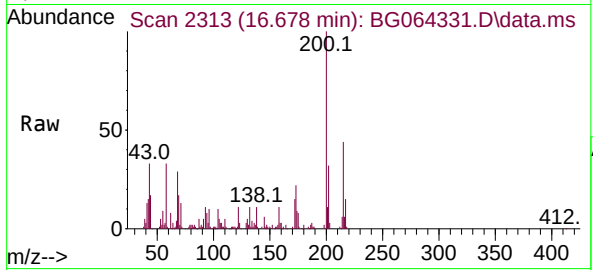
Tgt Ion:284 Resp: 93827
Ion Ratio Lower Upper
284 100
142 35.1 32.1 48.1
249 33.8 28.3 42.5





#69
Atrazine
Concen: 48.840 ng
RT: 16.678 min Scan# 2315
Delta R.T. -0.018 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

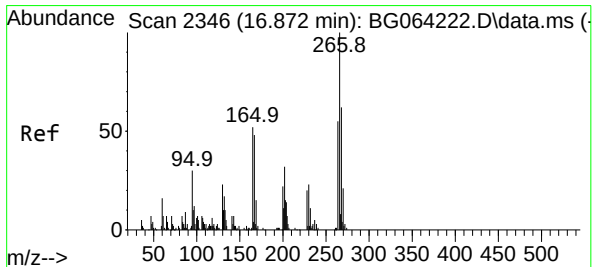
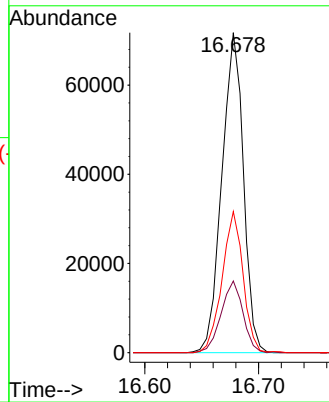
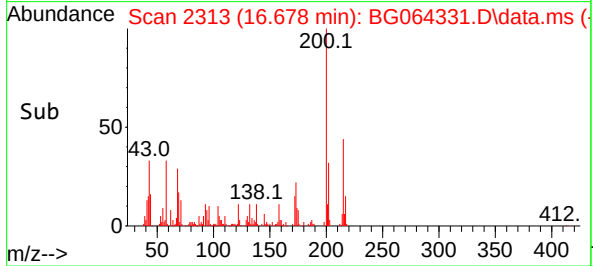
Instrument :
BNA_G
ClientSampleId :
PB169593BS



Tgt Ion:200 Resp: 94236
Ion Ratio Lower Upper
200 100
173 22.4 3.5 43.5
215 44.1 24.8 64.8

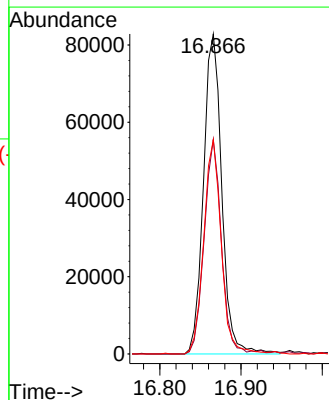
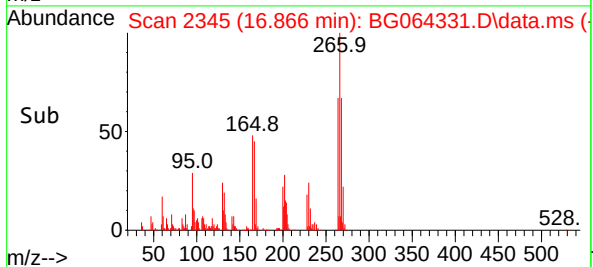
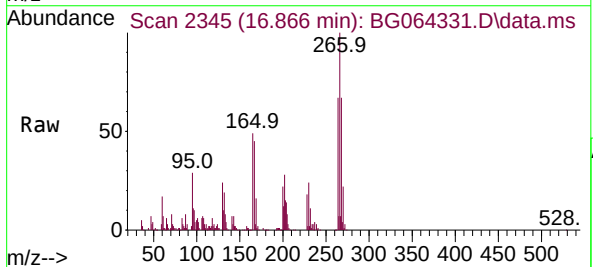
Manual Integrations
APPROVED

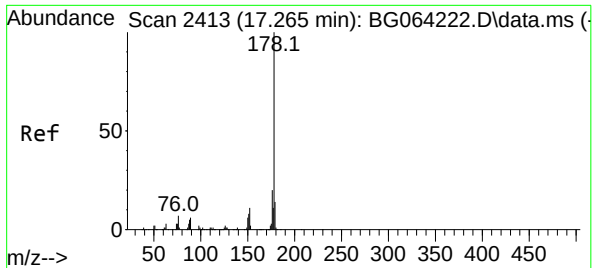
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#70
Pentachlorophenol
Concen: 108.018 ng
RT: 16.866 min Scan# 2345
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

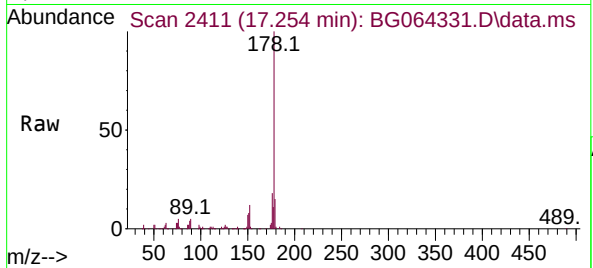
Tgt Ion:266 Resp: 129768
Ion Ratio Lower Upper
266 100
268 67.0 49.4 74.0
264 66.9 44.3 66.5#





#71
Phenanthrene
Concen: 44.449 ng
RT: 17.254 min Scan# 2411
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

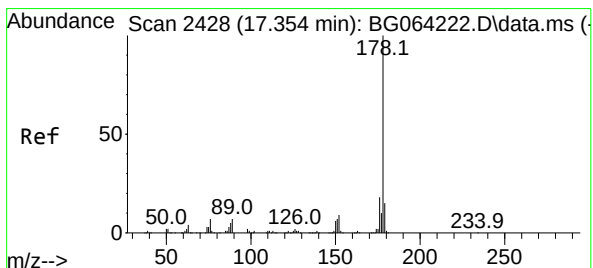
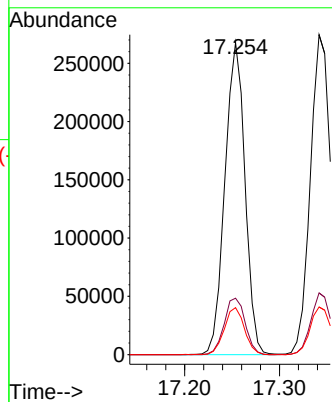
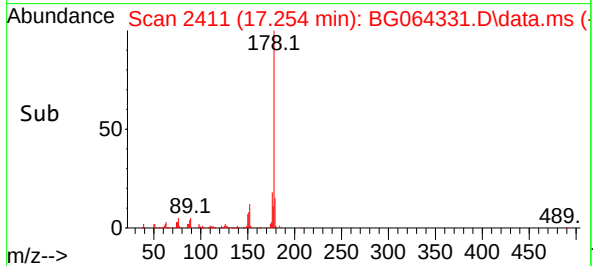
Instrument :
BNA_G
ClientSampleId :
PB169593BS



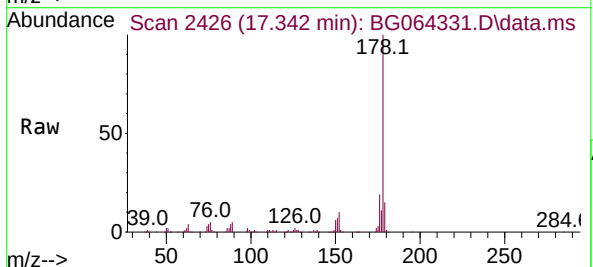
Tgt Ion:178 Resp: 393820
Ion Ratio Lower Upper
178 100
176 18.0 15.9 23.9
179 15.0 11.4 17.2

Manual Integrations
APPROVED

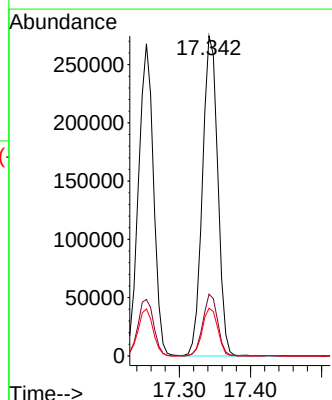
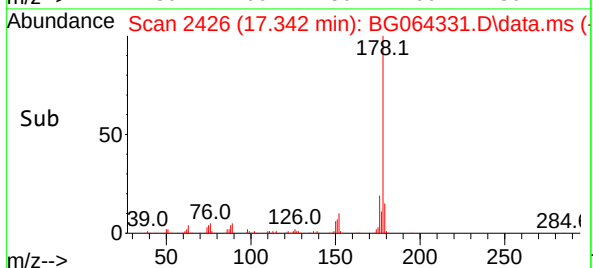
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

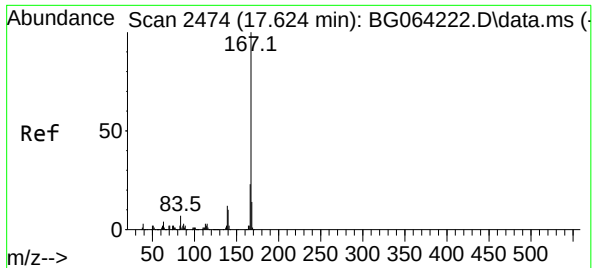


#72
Anthracene
Concen: 45.379 ng
RT: 17.342 min Scan# 2426
Delta R.T. -0.018 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58



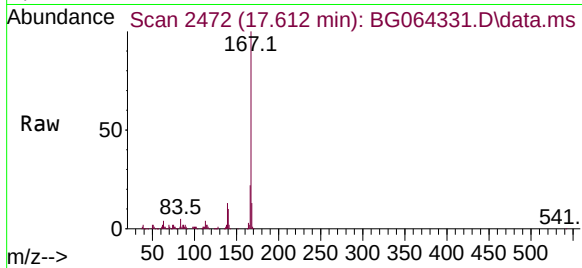
Tgt Ion:178 Resp: 408976
Ion Ratio Lower Upper
178 100
176 19.3 14.7 22.1
179 14.9 12.1 18.1





#73
 Carbazole
 Concen: 45.831 ng
 RT: 17.612 min Scan# 2474
 Delta R.T. -0.012 min
 Lab File: BG064331.D
 Acq: 10 Sep 2025 13:58

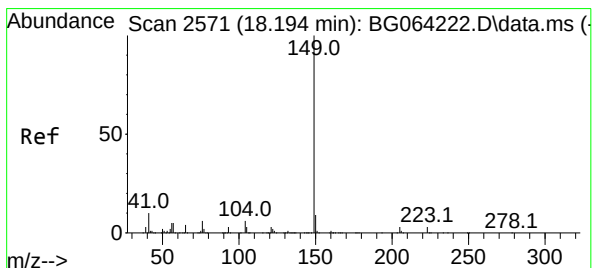
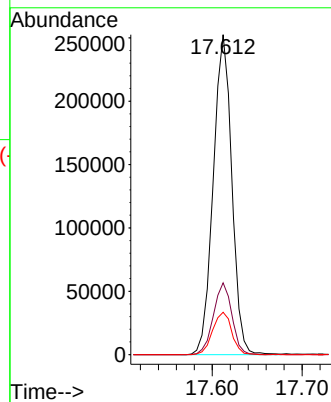
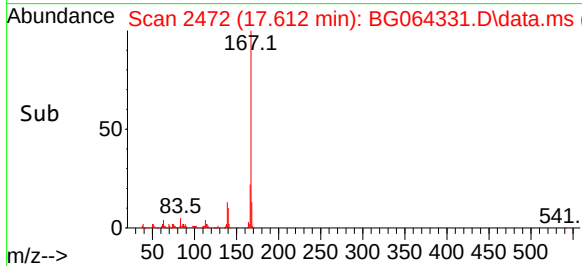
Instrument :
 BNA_G
 ClientSampleId :
 PB169593BS



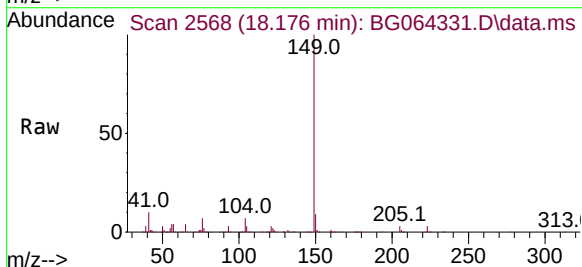
Tgt Ion:167 Resp: 363876
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.2
 139 13.2 9.8 14.6

Manual Integrations
 APPROVED

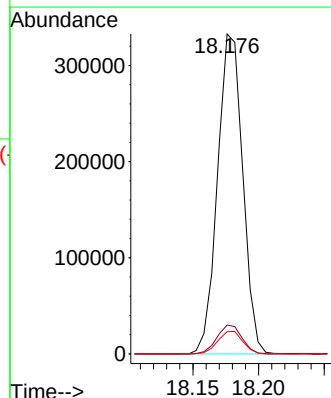
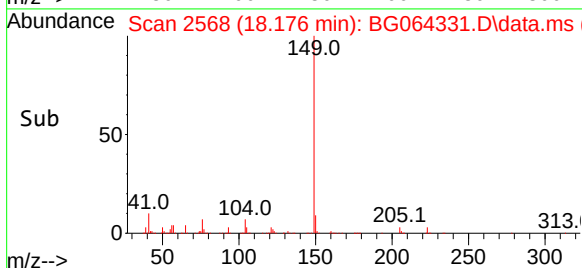
Reviewed By :Rahul Chavli 09/11/2025
 Supervised By :Jagrut Upadhyay 09/11/2025

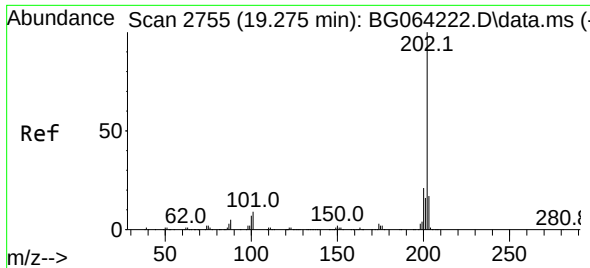


#74
 Di-n-butylphthalate
 Concen: 46.692 ng
 RT: 18.176 min Scan# 2568
 Delta R.T. -0.018 min
 Lab File: BG064331.D
 Acq: 10 Sep 2025 13:58



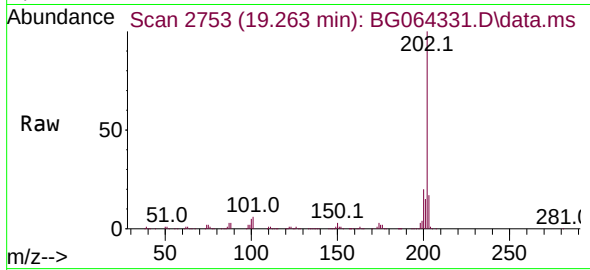
Tgt Ion:149 Resp: 445379
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.5 11.3
 104 7.0 4.6 7.0





#75
Fluoranthene
Concen: 47.489 ng
RT: 19.263 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

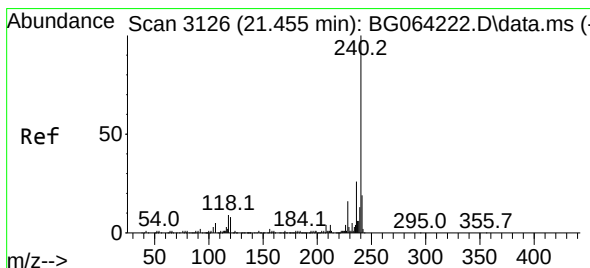
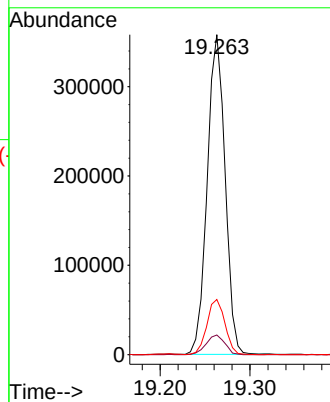
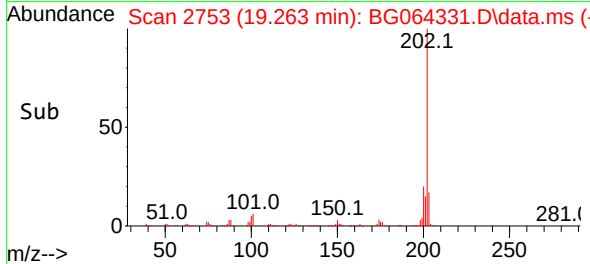
Instrument :
BNA_G
ClientSampleId :
PB169593BS



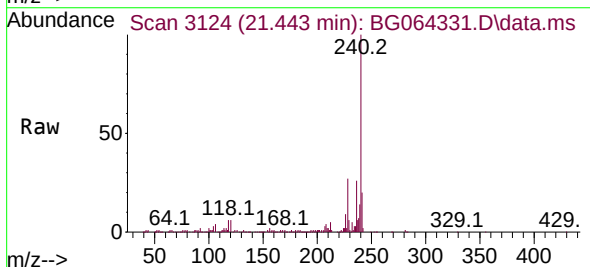
Tgt Ion:202 Resp: 494723
Ion Ratio Lower Upper
202 100
101 6.1 0.0 28.7
203 17.3 0.0 36.9

Manual Integrations
APPROVED

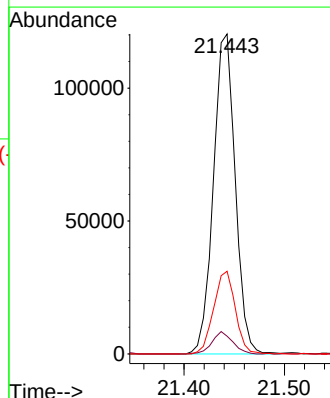
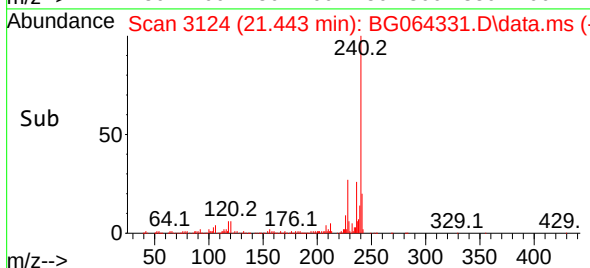
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

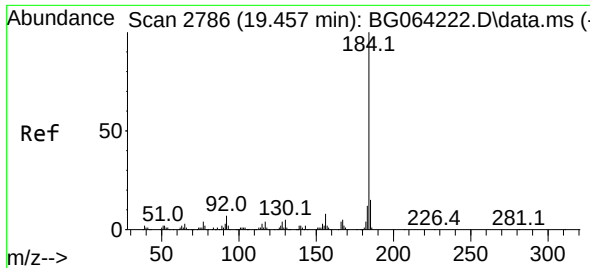


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.443 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58



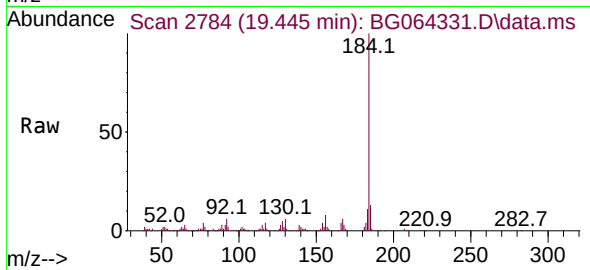
Tgt Ion:240 Resp: 181826
Ion Ratio Lower Upper
240 100
120 5.5 6.2 9.4#
236 25.8 20.5 30.7





#77
Benzidine
Concen: 42.073 ng
RT: 19.445 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

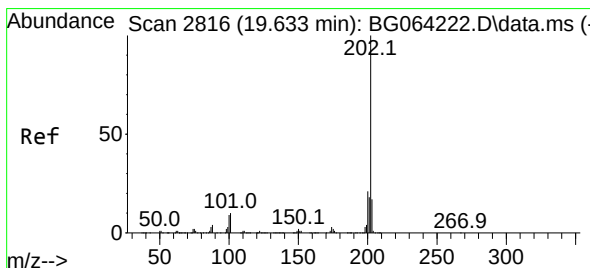
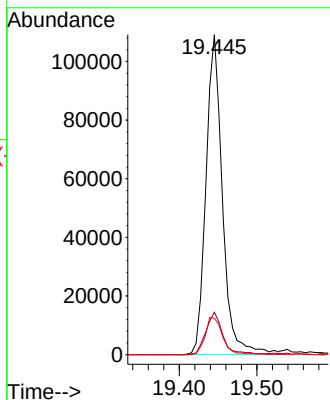
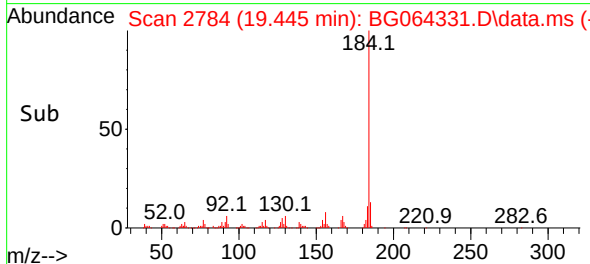
Instrument :
BNA_G
ClientSampleId :
PB169593BS



Tgt Ion:184 Resp: 160928
Ion Ratio Lower Upper
184 100
185 13.2 11.7 17.5
183 11.4 9.7 14.5

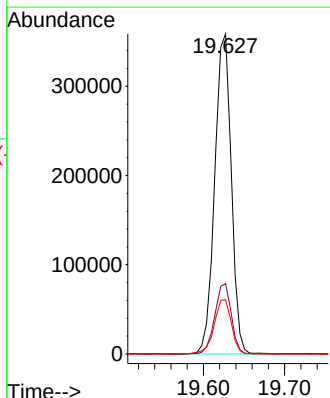
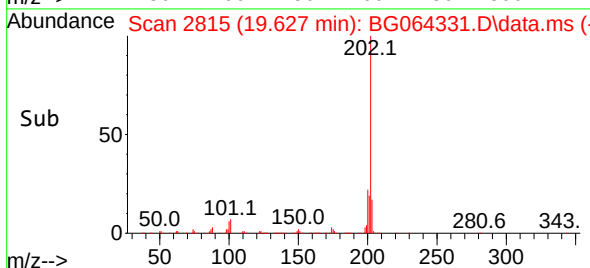
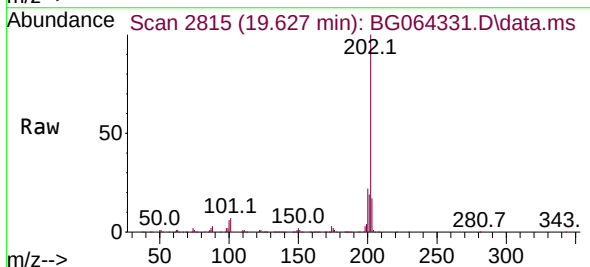
Manual Integrations
APPROVED

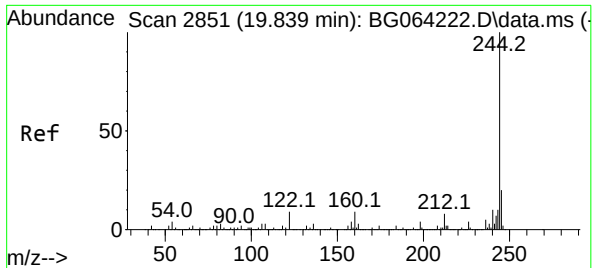
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#78
Pyrene
Concen: 44.274 ng
RT: 19.627 min Scan# 2815
Delta R.T. -0.012 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

Tgt Ion:202 Resp: 507175
Ion Ratio Lower Upper
202 100
200 21.9 16.9 25.3
203 16.9 13.8 20.8





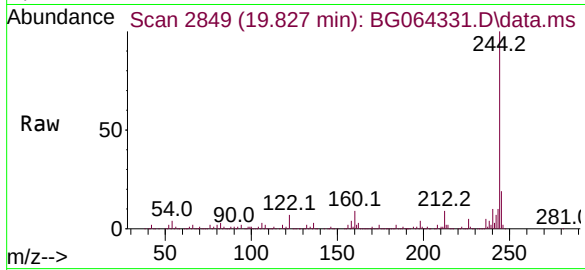
#79
 Terphenyl-d14
 Concen: 91.411 ng
 RT: 19.827 min Scan# 2849
 Delta R.T. -0.018 min
 Lab File: BG064331.D
 Acq: 10 Sep 2025 13:58

Instrument :

BNA_G

ClientSampleId :

PB169593BS

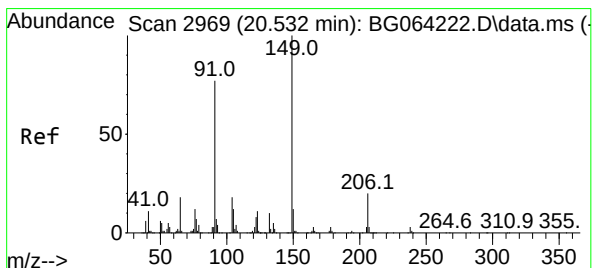
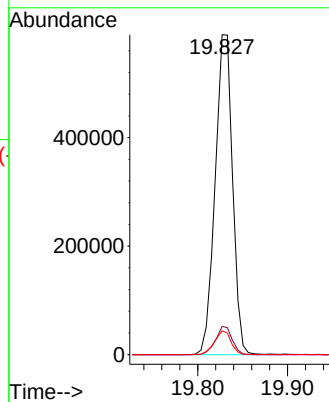


Tgt Ion:244 Resp: 796653
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.6 10.0
 122 7.4 7.0 10.6

Manual Integrations

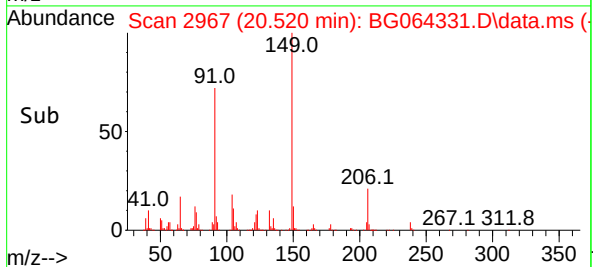
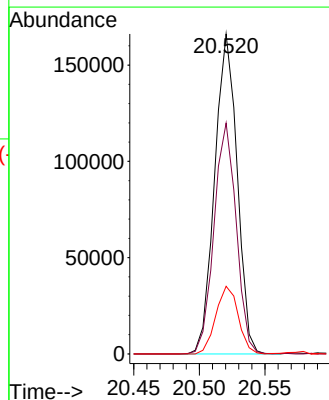
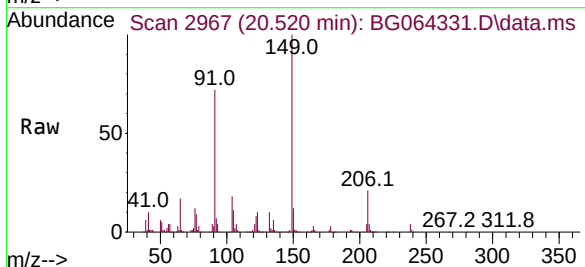
APPROVED

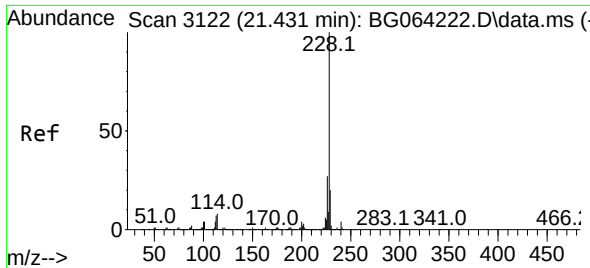
Reviewed By :Rahul Chavli 09/11/2025
 Supervised By :Jagrut Upadhyay 09/11/2025



#80
 Butylbenzylphthalate
 Concen: 45.893 ng
 RT: 20.520 min Scan# 2967
 Delta R.T. -0.012 min
 Lab File: BG064331.D
 Acq: 10 Sep 2025 13:58

Tgt Ion:149 Resp: 198287
 Ion Ratio Lower Upper
 149 100
 91 72.1 61.4 92.0
 206 21.1 15.8 23.6





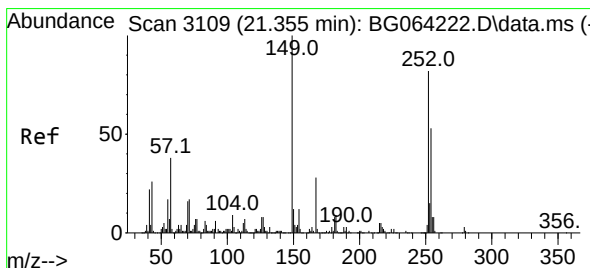
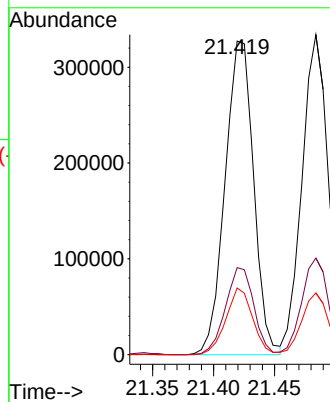
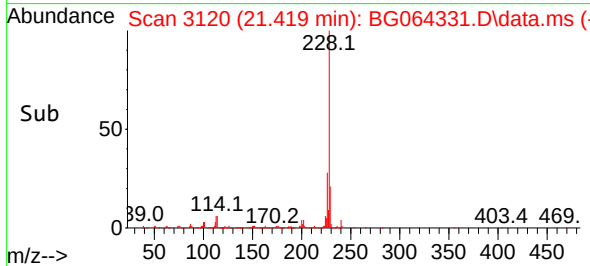
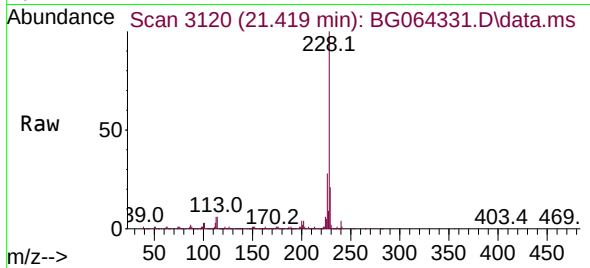
#81
Benzo(a)anthracene
Concen: 45.988 ng
RT: 21.419 min Scan# 3122
Delta R.T. -0.018 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

Instrument :
BNA_G
ClientSampleId :
PB169593BS

Tgt Ion:228 Resp: 534950
Ion Ratio Lower Upper
228 100
226 27.7 21.7 32.5
229 21.3 15.9 23.9

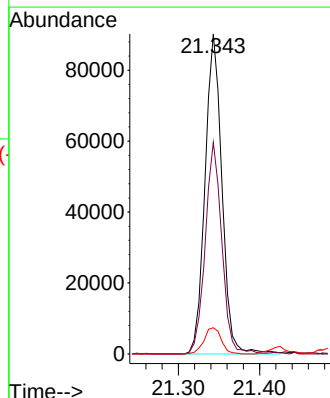
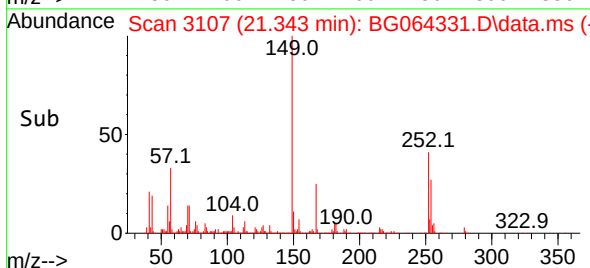
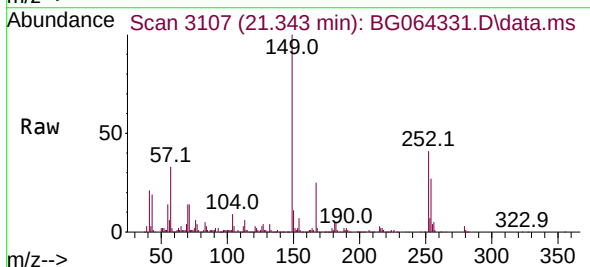
Manual Integrations
APPROVED

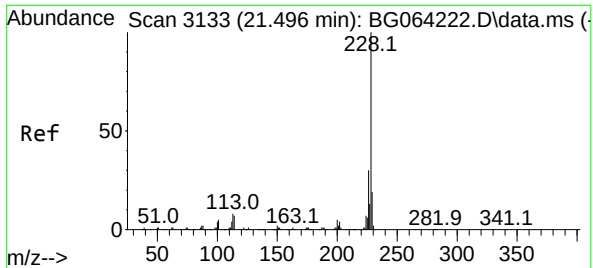
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#82
3,3'-Dichlorobenzidine
Concen: 34.476 ng
RT: 21.343 min Scan# 3107
Delta R.T. -0.018 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

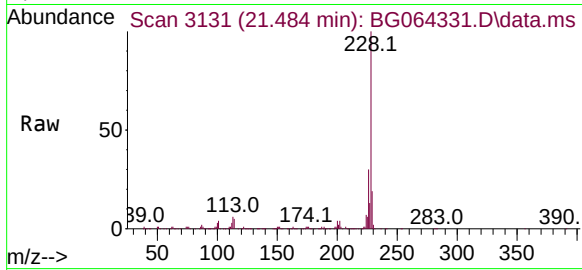
Tgt Ion:252 Resp: 130610
Ion Ratio Lower Upper
252 100
254 66.1 51.9 77.9
126 8.2 7.6 11.4





#83
Chrysene
Concen: 44.758 ng
RT: 21.484 min Scan# 31
Delta R.T. -0.018 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

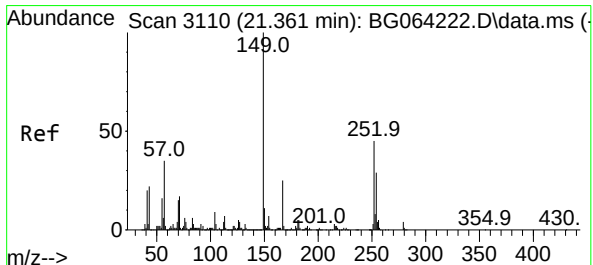
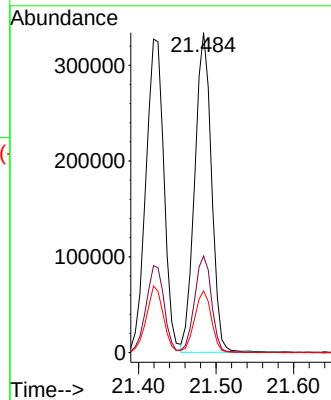
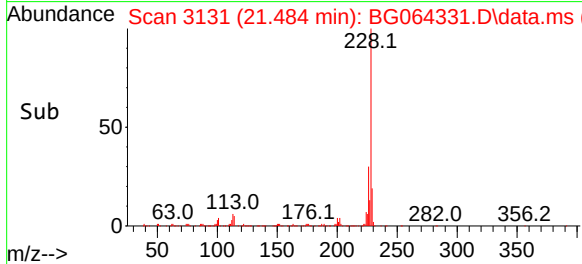
Instrument :
BNA_G
ClientSampleId :
PB169593BS



Tgt Ion:228 Resp: 499842
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.2
229 19.3 15.4 23.2

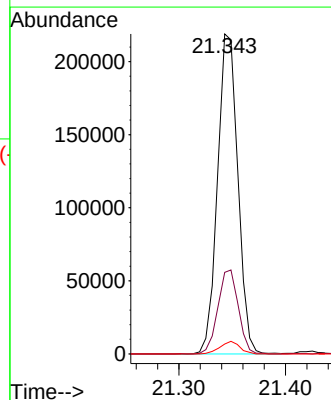
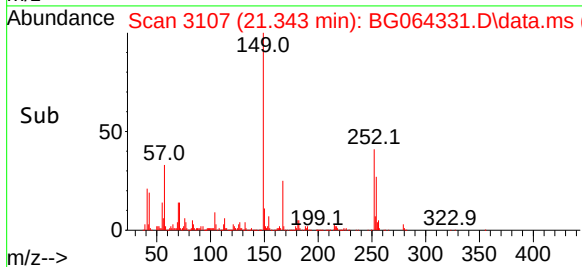
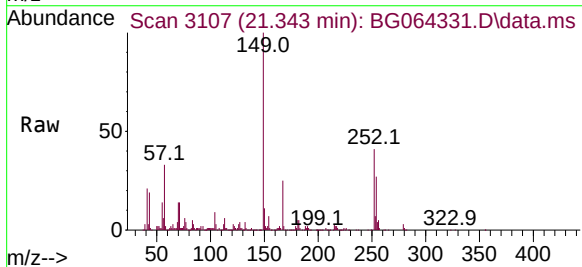
Manual Integrations
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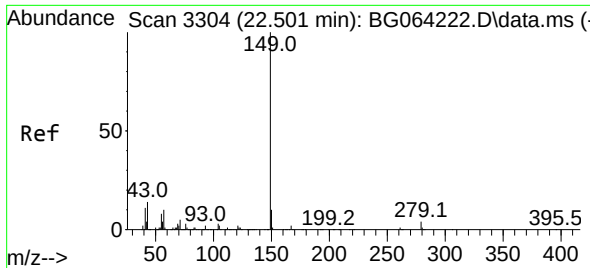
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.797 ng
RT: 21.343 min Scan# 3107
Delta R.T. -0.024 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

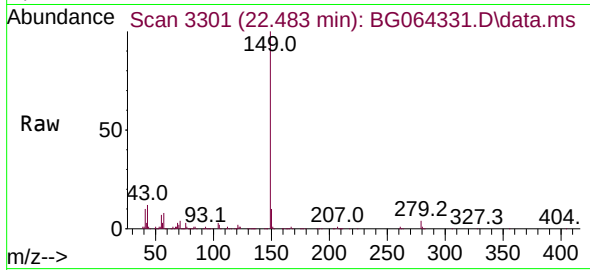
Tgt Ion:149 Resp: 290590
Ion Ratio Lower Upper
149 100
167 25.5 20.0 30.0
279 3.1 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 43.573 ng
RT: 22.483 min Scan# 3304
Delta R.T. -0.024 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

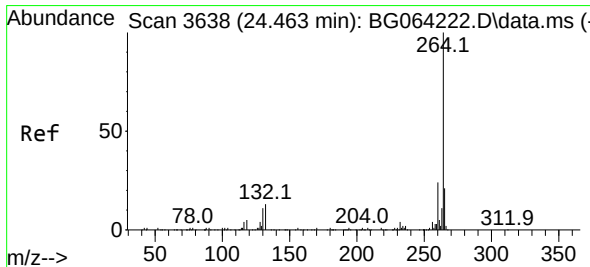
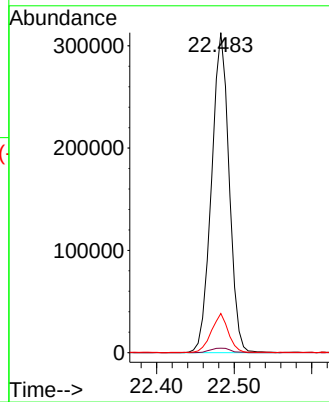
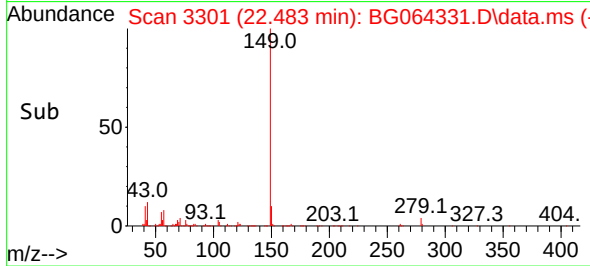
Instrument :
BNA_G
ClientSampleId :
PB169593BS



Tgt Ion:149 Resp: 492489
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.7 10.8 16.2

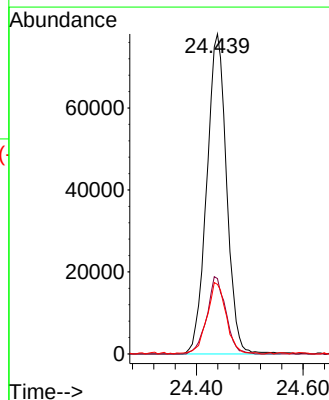
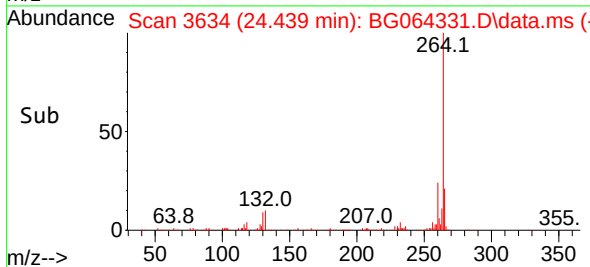
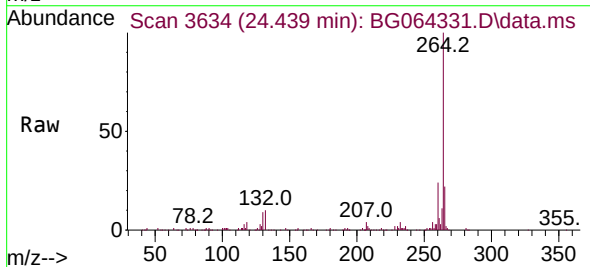
Manual Integrations
APPROVED

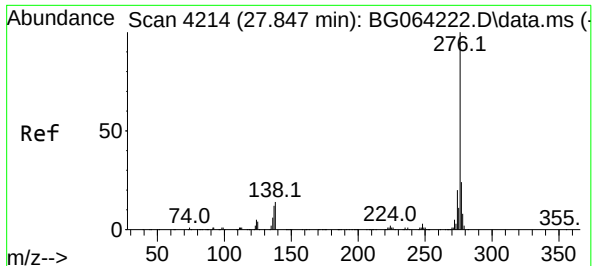
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.439 min Scan# 3634
Delta R.T. -0.024 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

Tgt Ion:264 Resp: 201546
Ion Ratio Lower Upper
264 100
260 23.5 18.9 28.3
265 21.7 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.557 ng

RT: 27.818 min Scan# 4209

Delta R.T. -0.053 min

Lab File: BG064331.D

Acq: 10 Sep 2025 13:58

Instrument :

BNA_G

ClientSampleId :

PB169593BS

Tgt Ion:276 Resp: 64080

Ion Ratio Lower Upper

276 100

138 10.5 7.4 11.0

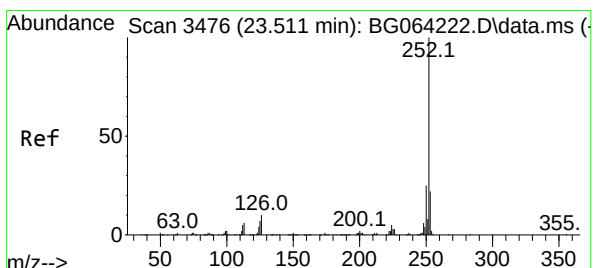
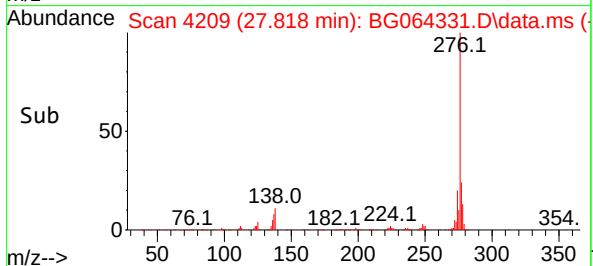
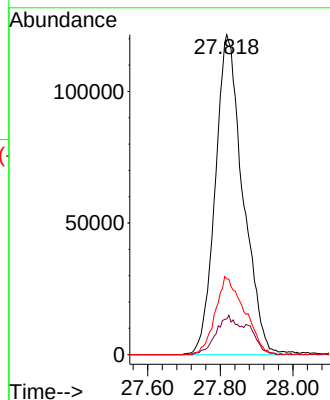
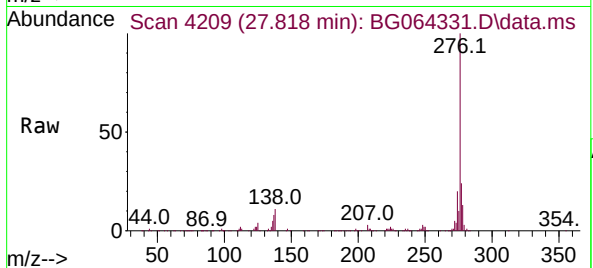
277 25.7 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/11/2025

Supervised By :Jagrut Upadhyay 09/11/2025



#88

Benzo(b)fluoranthene

Concen: 45.962 ng

RT: 23.493 min Scan# 3473

Delta R.T. -0.024 min

Lab File: BG064331.D

Acq: 10 Sep 2025 13:58

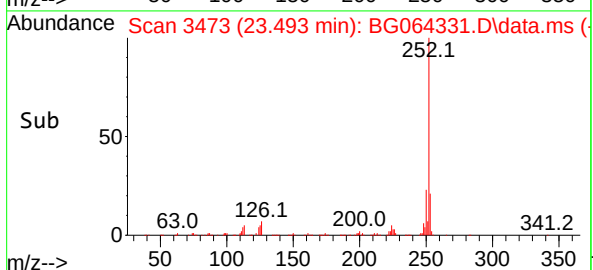
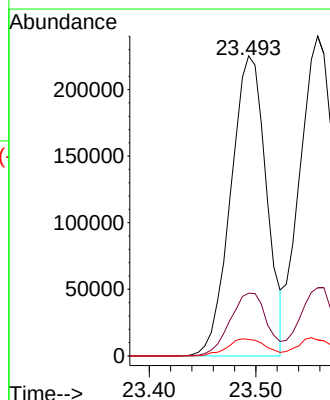
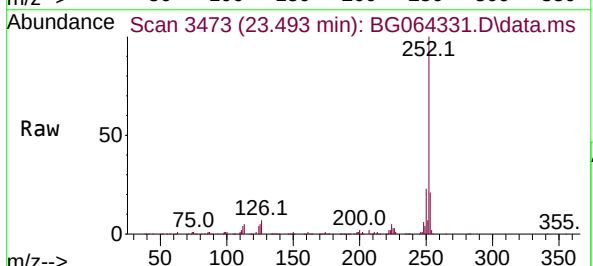
Tgt Ion:252 Resp: 522817

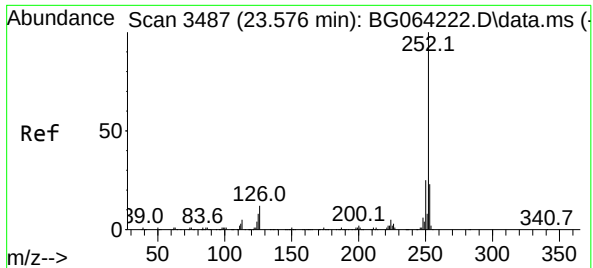
Ion Ratio Lower Upper

252 100

253 20.9 17.5 26.3

125 5.4 5.9 8.9#





#89

Benzo(k)fluoranthene

Concen: 46.307 ng

RT: 23.558 min Scan# 3487

Delta R.T. -0.030 min

Lab File: BG064331.D

Acq: 10 Sep 2025 13:58

Instrument :

BNA_G

ClientSampleId :

PB169593BS

Tgt Ion:252 Resp: 536633

Ion Ratio Lower Upper

252 100

253 21.3 18.2 27.4

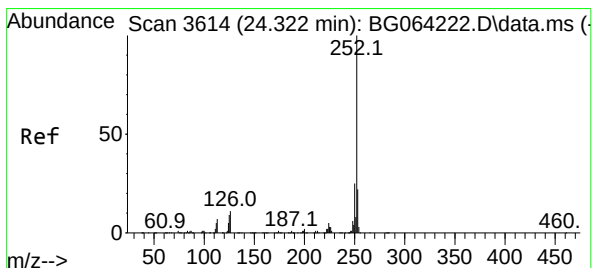
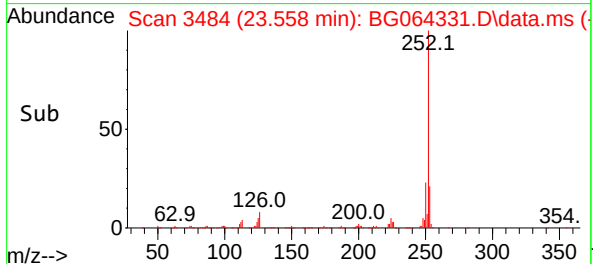
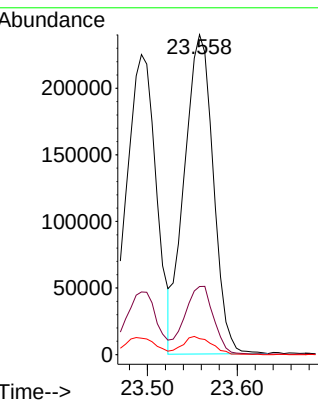
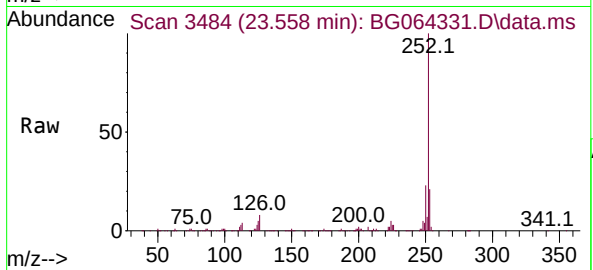
125 5.0 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/11/2025

Supervised By :Jagrut Upadhyay 09/11/2025



#90

Benzo(a)pyrene

Concen: 47.726 ng

RT: 24.298 min Scan# 3610

Delta R.T. -0.030 min

Lab File: BG064331.D

Acq: 10 Sep 2025 13:58

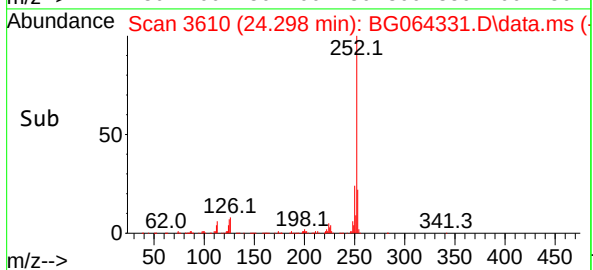
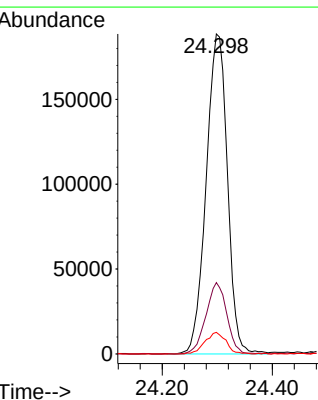
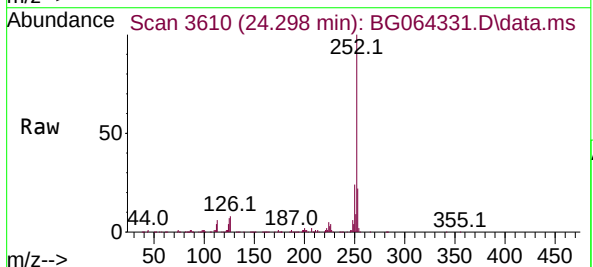
Tgt Ion:252 Resp: 505003

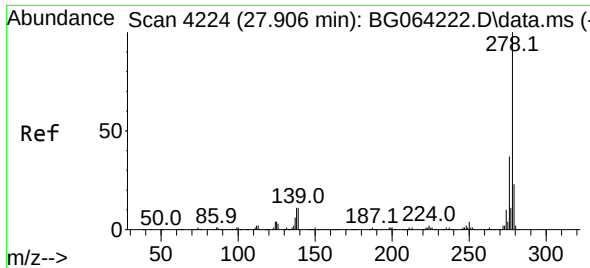
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

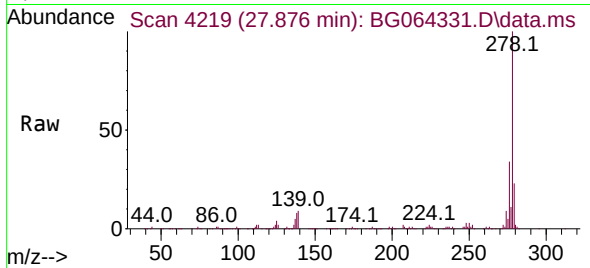
125 6.7 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 47.076 ng
RT: 27.876 min Scan# 41
Delta R.T. -0.047 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

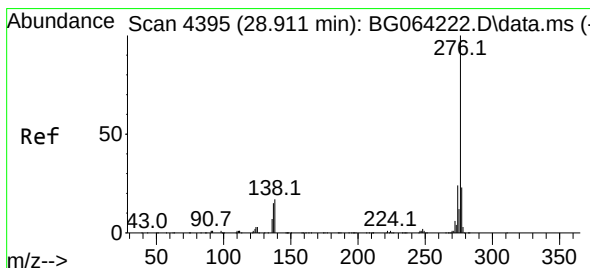
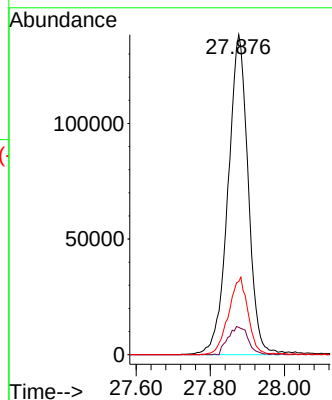
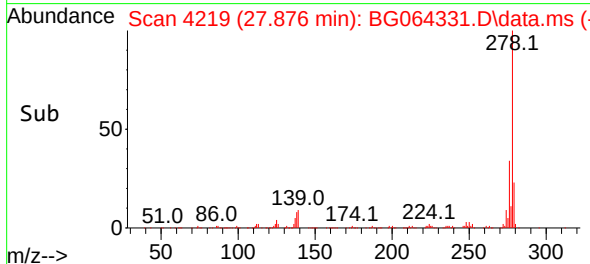
Instrument :
BNA_G
ClientSampleId :
PB169593BS



Tgt Ion: 278 Resp: 520245
Ion Ratio Lower Upper
278 100
139 8.5 9.0 13.4
279 22.9 18.8 28.2

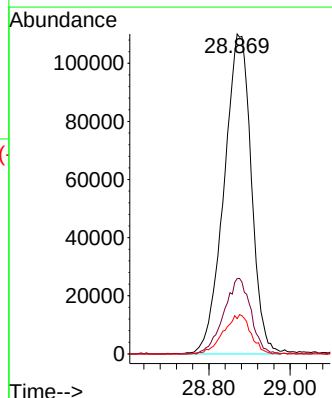
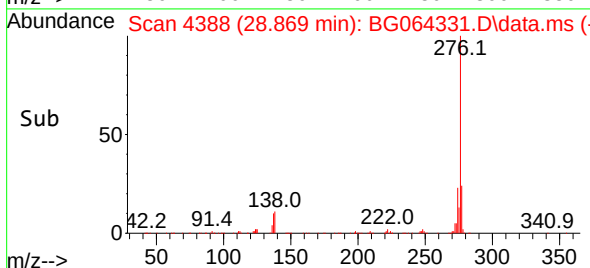
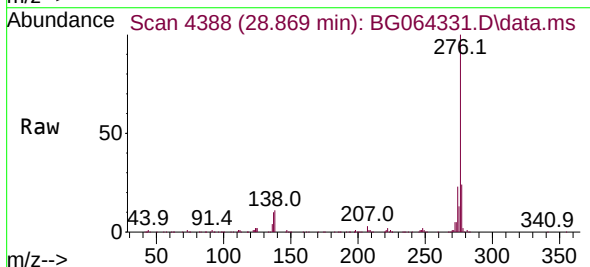
Manual Integrations
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Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#92
Benzo(g,h,i)perylene
Concen: 47.637 ng
RT: 28.869 min Scan# 4388
Delta R.T. -0.065 min
Lab File: BG064331.D
Acq: 10 Sep 2025 13:58

Tgt Ion: 276 Resp: 512258
Ion Ratio Lower Upper
276 100
277 23.5 18.2 27.4
138 11.0 13.3 19.9



Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	09/05/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/05/25
Client Sample ID:	SOIL-PILE-1MS	SDG No.:	Q3032
Lab Sample ID:	Q3032-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83.1
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064310.D	1	09/08/25 09:30	09/08/25 17:00	PB169593

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1300		190	400	ug/Kg
108-95-2	Phenol	1800		26.5	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		29.2	200	ug/Kg
95-57-8	2-Chlorophenol	1800		29.3	200	ug/Kg
95-48-7	2-Methylphenol	1700		35.9	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1300		45.0	200	ug/Kg
98-86-2	Acetophenone	1900		35.4	200	ug/Kg
65794-96-9	3+4-Methylphenols	1600		49.3	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		56.9	96.0	ug/Kg
67-72-1	Hexachloroethane	1800		21.1	200	ug/Kg
98-95-3	Nitrobenzene	1700		22.0	200	ug/Kg
78-59-1	Isophorone	1600		39.4	200	ug/Kg
88-75-5	2-Nitrophenol	1900		69.8	200	ug/Kg
105-67-9	2,4-Dimethylphenol	2000		77.7	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1600		37.0	200	ug/Kg
120-83-2	2,4-Dichlorophenol	1900		34.0	200	ug/Kg
91-20-3	Naphthalene	1800		27.2	200	ug/Kg
106-47-8	4-Chloroaniline	590		42.5	200	ug/Kg
87-68-3	Hexachlorobutadiene	2000		30.4	200	ug/Kg
105-60-2	Caprolactam	1500		62.5	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1800		34.4	200	ug/Kg
91-57-6	2-Methylnaphthalene	1600		30.7	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5100	E	140	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1900		23.8	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2000		34.9	200	ug/Kg
92-52-4	1,1-Biphenyl	1900		26.2	200	ug/Kg
91-58-7	2-Chloronaphthalene	1800		27.0	200	ug/Kg
88-74-4	2-Nitroaniline	1800		57.7	200	ug/Kg
131-11-3	Dimethylphthalate	1600		32.5	200	ug/Kg

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	09/05/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/05/25
Client Sample ID:	SOIL-PILE-1MS	SDG No.:	Q3032
Lab Sample ID:	Q3032-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83.1
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064310.D	1	09/08/25 09:30	09/08/25 17:00	PB169593

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	2000		34.7	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	2000		40.3	200	ug/Kg
99-09-2	3-Nitroaniline	1000		55.2	200	ug/Kg
83-32-9	Acenaphthene	1700		25.6	200	ug/Kg
51-28-5	2,4-Dinitrophenol	3500	E	270	400	ug/Kg
100-02-7	4-Nitrophenol	3900	E	130	400	ug/Kg
132-64-9	Dibenzofuran	1800		27.2	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	2000		60.1	200	ug/Kg
84-66-2	Diethylphthalate	1700		34.0	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1800		32.0	200	ug/Kg
86-73-7	Fluorene	1800		30.4	200	ug/Kg
100-01-6	4-Nitroaniline	1800		77.0	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1900		120	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1800		39.5	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1900		33.4	200	ug/Kg
118-74-1	Hexachlorobenzene	2000		30.4	200	ug/Kg
1912-24-9	Atrazine	2000		40.8	200	ug/Kg
87-86-5	Pentachlorophenol	4400	E	61.5	400	ug/Kg
85-01-8	Phenanthrene	1900		25.1	200	ug/Kg
120-12-7	Anthracene	1900		40.0	200	ug/Kg
86-74-8	Carbazole	1900		37.4	200	ug/Kg
84-74-2	Di-n-butylphthalate	1900		57.5	200	ug/Kg
206-44-0	Fluoranthene	2000		36.0	200	ug/Kg
129-00-0	Pyrene	1800		43.2	200	ug/Kg
85-68-7	Butylbenzylphthalate	1900		85.7	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	840		44.0	400	ug/Kg
56-55-3	Benzo(a)anthracene	1900		27.6	200	ug/Kg
218-01-9	Chrysene	1800		23.9	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800		71.0	200	ug/Kg
117-84-0	Di-n-octyl phthalate	1800		100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	1900		22.8	200	ug/Kg

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	09/05/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/05/25
Client Sample ID:	SOIL-PILE-1MS	SDG No.:	Q3032
Lab Sample ID:	Q3032-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83.1
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064310.D	1	09/08/25 09:30	09/08/25 17:00	PB169593

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1900		26.9	200	ug/Kg
50-32-8	Benzo(a)pyrene	2000		35.4	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1900		34.9	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1900		32.9	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1900		30.8	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2200		30.7	200	ug/Kg
123-91-1	1,4-Dioxane	1400		54.2	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2100		32.9	200	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	119		30 (18) - 130 (112)	80%	SPK: 150
13127-88-3	Phenol-d6	112		30 (15) - 130 (107)	75%	SPK: 150
4165-60-0	Nitrobenzene-d5	76.9		30 (18) - 130 (107)	77%	SPK: 100
321-60-8	2-Fluorobiphenyl	70.0		30 (20) - 130 (109)	70%	SPK: 100
118-79-6	2,4,6-Tribromophenol	141		30 (10) - 130 (116)	94%	SPK: 150
1718-51-0	Terphenyl-d14	72.5		30 (10) - 130 (105)	72%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	27900	7.852
1146-65-2	Naphthalene-d8	121000	10.637
15067-26-2	Acenaphthene-d10	87500	14.473
1517-22-2	Phenanthrene-d10	207000	17.217
1719-03-5	Chrysene-d12	233000	21.453
1520-96-3	Perylene-d12	259000	24.462

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\BG090825\
 Data File : BG064310.D
 Acq On : 8 Sep 2025 17:00
 Operator : RC/JU
 Sample : Q3032-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PILE-1MS

Manual Integrations
 APPROVED

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

Quant Time: Sep 08 17:48:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	27870	20.000	ng	0.00
21) Naphthalene-d8	10.637	136	120718	20.000	ng	-0.01
39) Acenaphthene-d10	14.473	164	87528	20.000	ng	0.00
64) Phenanthrene-d10	17.217	188	206725	20.000	ng	# 0.00
76) Chrysene-d12	21.453	240	233045	20.000	ng	# 0.00
86) Perylene-d12	24.462	264	259001	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.443	112	185441	119.375	ng	0.00
7) Phenol-d6	7.023	99	238739	111.866	ng	0.00
23) Nitrobenzene-d5	9.003	82	166455	76.900	ng	-0.01
42) 2,4,6-Tribromophenol	15.966	330	163125	140.704	ng	0.00
45) 2-Fluorobiphenyl	13.099	172	401380	69.994	ng	-0.01
79) Terphenyl-d14	19.838	244	809278	72.451	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.351	88	22111	34.149	ng	97
3) Pyridine	3.739	79	59602	31.271	ng	# 61
4) n-Nitrosodimethylamine	3.657	42	57978	45.990	ng	96
6) Aniline	7.176	93	68303	23.144	ng	98
8) 2-Chlorophenol	7.417	128	86095	45.355	ng	94
9) Benzaldehyde	6.988	77	55690	31.709	ng	92
10) Phenol	7.053	94	103654	44.053	ng	86
11) bis(2-Chloroethyl)ether	7.276	93	68007	38.463	ng	97
12) 1,3-Dichlorobenzene	7.740	146	91683	45.400	ng	98
13) 1,4-Dichlorobenzene	7.887	146	94629	46.430	ng	96
14) 1,2-Dichlorobenzene	8.198	146	91442	46.487	ng	94
15) Benzyl Alcohol	8.087	79	85745	43.538	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.381	45	127962	31.699	ng	98
17) 2-Methylphenol	8.292	107	72577	41.388	ng	94
18) Hexachloroethane	8.927	117	35599	44.746	ng	90
19) n-Nitroso-di-n-propyla...	8.651	70	61329	37.548	ng	98
20) 3+4-Methylphenols	8.616	107	99748	40.937	ng	93
22) Acetophenone	8.668	105	146897	48.099	ng	# 96
24) Nitrobenzene	9.044	77	97803	43.246	ng	99
25) Isophorone	9.567	82	178056	39.580	ng	97
26) 2-Nitrophenol	9.750	139	47280	48.383	ng	# 85
27) 2,4-Dimethylphenol	9.820	122	83929	48.919	ng	97
28) bis(2-Chloroethoxy)met...	10.049	93	96059	39.600	ng	98
29) 2,4-Dichlorophenol	10.290	162	87186	48.163	ng	98
30) 1,2,4-Trichlorobenzene	10.502	180	95271	49.914	ng	97
31) Naphthalene	10.690	128	275340	43.985	ng	99
32) Benzoic acid	9.985	122	64860	47.625	ng	94
33) 4-Chloroaniline	10.795	127	35520	14.640	ng	96
34) Hexachlorobutadiene	10.977	225	71798	50.888	ng	90
35) Caprolactam	11.571	113	27143m	38.724	ng	
36) 4-Chloro-3-methylphenol	11.923	107	106030	45.144	ng	94
37) 2-Methylnaphthalene	12.299	142	183916	39.526	ng	97
38) 1-Methylnaphthalene	12.517	142	195742m	42.591	ng	
40) 1,2,4,5-Tetrachloroben...	12.670	216	137289	54.362	ng	98
41) Hexachlorocyclopentadiene	12.652	237	154095	128.384	ng	91
43) 2,4,6-Trichlorophenol	12.905	196	79291	46.974	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
 Data File : BG064310.D
 Acq On : 8 Sep 2025 17:00
 Operator : RC/JU
 Sample : Q3032-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PILE-1MS

Manual Integrations
 APPROVED

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

Quant Time: Sep 08 17:48:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.981	196	92410	50.468	ng	96
46) 1,1'-Biphenyl	13.310	154	310520	48.708	ng	98
47) 2-Chloronaphthalene	13.351	162	211051	44.036	ng	99
48) 2-Nitroaniline	13.551	65	75472	46.201	ng	95
49) Acenaphthylene	14.197	152	357742	50.494	ng	98
50) Dimethylphthalate	13.939	163	271891	41.039	ng	99
51) 2,6-Dinitrotoluene	14.050	165	64070	49.954	ng	94
52) Acenaphthene	14.538	154	213682	42.738	ng	98
53) 3-Nitroaniline	14.379	138	34998	26.050	ng	98
54) 2,4-Dinitrophenol	14.585	184	73914	87.626	ng	# 82
55) Dibenzofuran	14.879	168	354798	45.115	ng	99
56) 4-Nitrophenol	14.703	139	107466	97.513	ng	# 88
57) 2,4-Dinitrotoluene	14.844	165	94972	48.973	ng	94
58) Fluorene	15.525	166	296561	46.009	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.102	232	92362	52.444	ng	97
60) Diethylphthalate	15.302	149	301053	42.460	ng	98
61) 4-Chlorophenyl-phenyle...	15.519	204	148559	46.226	ng	98
62) 4-Nitroaniline	15.543	138	61057	44.537	ng	91
63) Azobenzene	15.813	77	287494	45.493	ng	94
65) 4,6-Dinitro-2-methylph...	15.602	198	57666	48.587	ng	98
66) n-Nitrosodiphenylamine	15.737	169	261455	45.976	ng	99
67) 4-Bromophenyl-phenylether	16.412	248	104973	47.809	ng	96
68) Hexachlorobenzene	16.530	284	121414	49.795	ng	94
69) Atrazine	16.688	200	117720	49.577	ng	95
70) Pentachlorophenol	16.871	266	164105	111.000	ng	# 91
71) Phenanthrene	17.258	178	505490	46.361	ng	97
72) Anthracene	17.352	178	516321	46.553	ng	99
73) Carbazole	17.617	167	467776	47.876	ng	99
74) Di-n-butylphthalate	18.187	149	548947	46.765	ng	98
75) Fluoranthene	19.274	202	647405	50.498	ng	97
77) Benzidine	19.456	184	325569	66.409	ng	99
78) Pyrene	19.632	202	661640	45.064	ng	99
80) Butylbenzylphthalate	20.531	149	256913	46.393	ng	93
81) Benzo(a)anthracene	21.436	228	693804	46.535	ng	100
82) 3,3'-Dichlorobenzidine	21.354	252	101671	20.939	ng	# 99
83) Chrysene	21.495	228	651473	45.515	ng	99
84) Bis(2-ethylhexyl)phtha...	21.359	149	382322	45.985	ng	98
85) Di-n-octyl phthalate	22.499	149	643938	44.451	ng	97
87) Indeno(1,2,3-cd)pyrene	27.858	276	843553	47.692	ng	# 97
88) Benzo(b)fluoranthene	23.516	252	709832	48.560	ng	# 98
89) Benzo(k)fluoranthene	23.580	252	699859	46.995	ng	# 96
90) Benzo(a)pyrene	24.327	252	669762	49.255	ng	# 98
91) Dibenzo(a,h)anthracene	27.916	278	672101	47.326	ng	98
92) Benzo(g,h,i)perylene	28.921	276	670011	48.485	ng	# 93

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

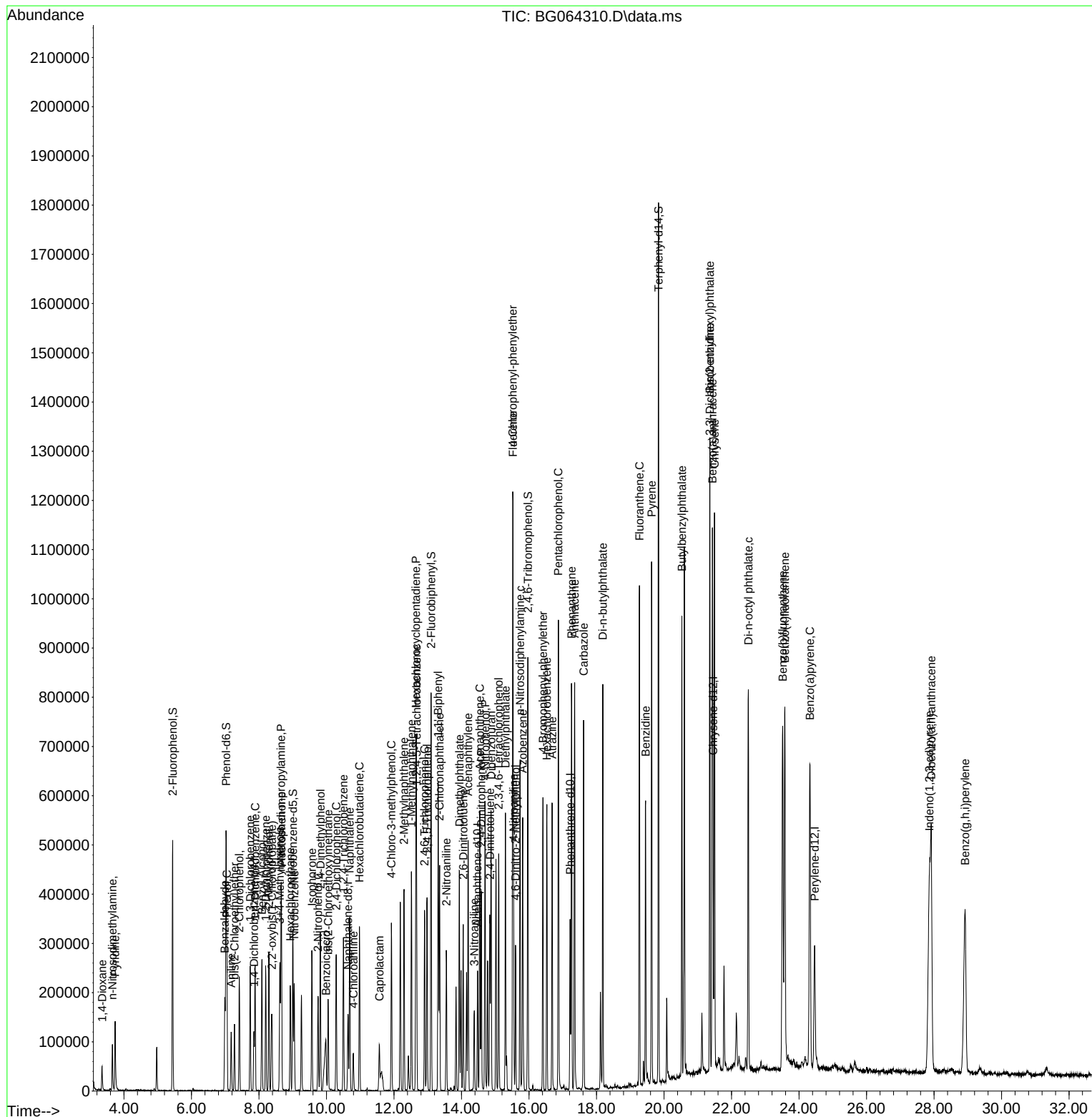
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Acq On    : 8 Sep 2025 17:00  
Operator  : RC/JU  
Sample    : Q3032-01MS  
Misc      :  
ALS Vial  : 11 Sample Multiplier: 1
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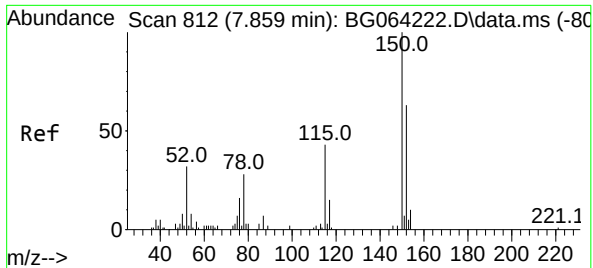
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BNA_G
ClientSampleId :
SOIL-PILE-1MS

Manual Integrations APPROVED

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

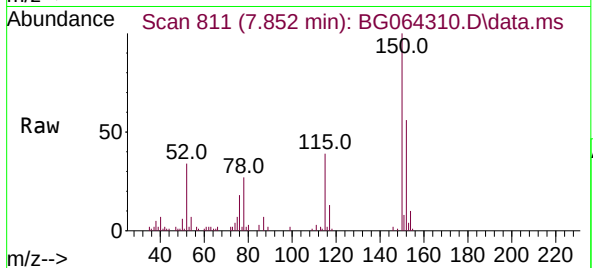
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.852 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

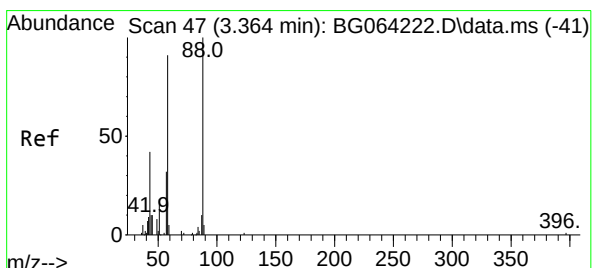
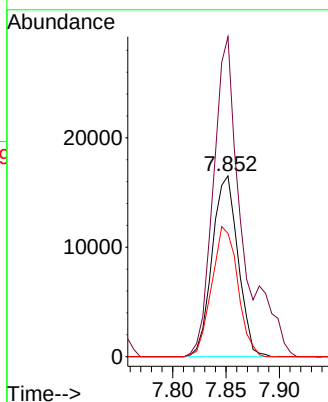
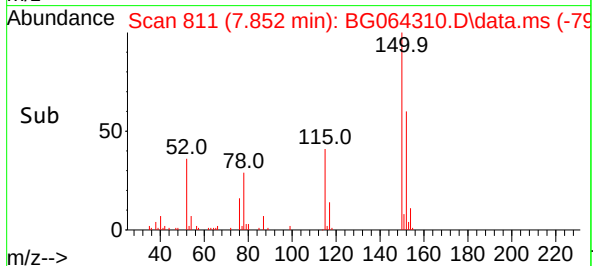
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MS



Tgt Ion: 152 Resp: 27870
Ion Ratio Lower Upper
152 100
150 177.1 128.0 192.0
115 68.2 55.7 83.5

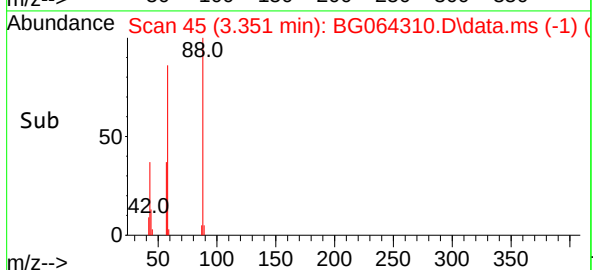
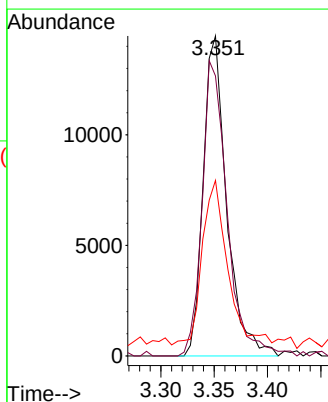
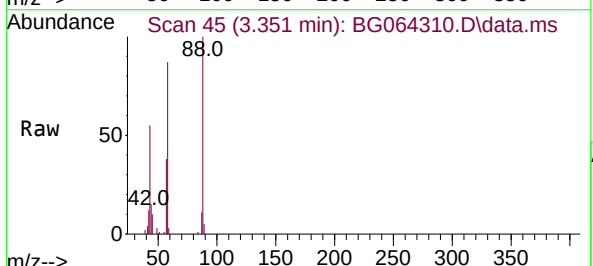
Manual Integrations
APPROVED

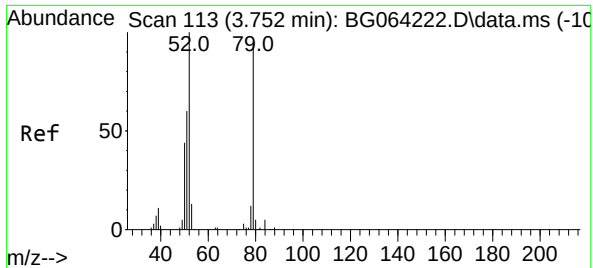
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#2
1,4-Dioxane
Concen: 34.149 ng
RT: 3.351 min Scan# 45
Delta R.T. -0.007 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

Tgt Ion: 88 Resp: 22111
Ion Ratio Lower Upper
88 100
58 98.7 80.8 121.2
43 53.7 40.3 60.5





#3

Pyridine

Concen: 31.271 ng

RT: 3.739 min Scan# 111

Delta R.T. -0.013 min

Lab File: BG064310.D

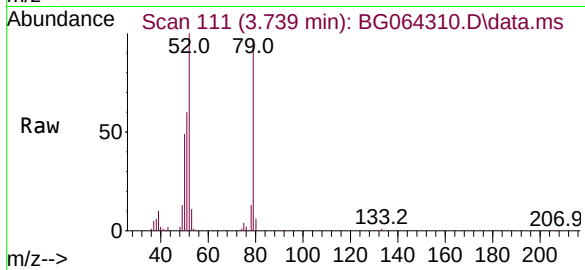
Acq: 8 Sep 2025 17:00

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-1MS



Tgt Ion: 79 Resp: 59602

Ion Ratio Lower Upper

79 100

52 103.4 86.6 129.8

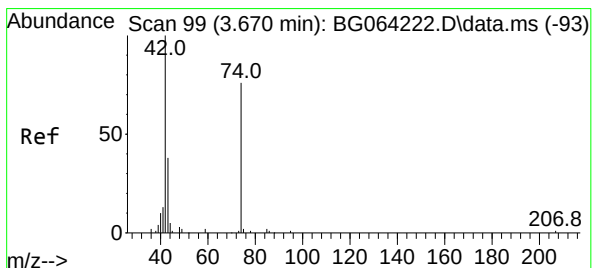
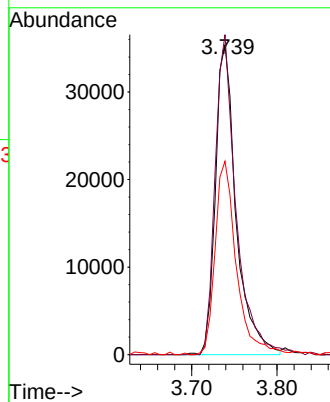
51 62.5 114.1 171.1

Manual Integrations

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Reviewed By :Rahul Chavli 09/09/2025

Supervised By :Jagrut Upadhyay 09/09/2025



#4

n-Nitrosodimethylamine

Concen: 45.990 ng

RT: 3.657 min Scan# 97

Delta R.T. -0.007 min

Lab File: BG064310.D

Acq: 8 Sep 2025 17:00

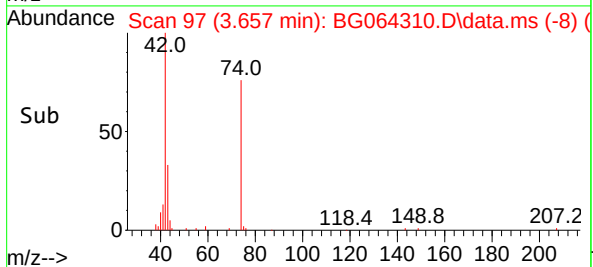
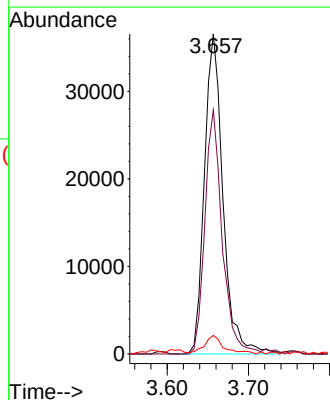
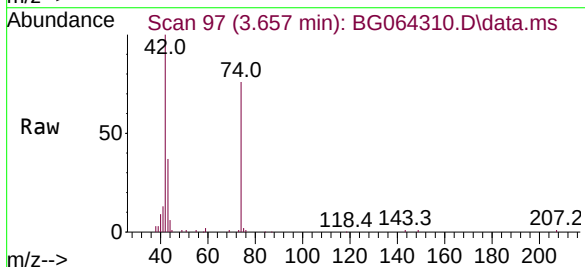
Tgt Ion: 42 Resp: 57978

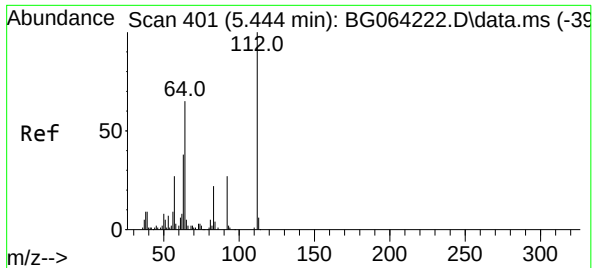
Ion Ratio Lower Upper

42 100

74 76.2 58.0 87.0

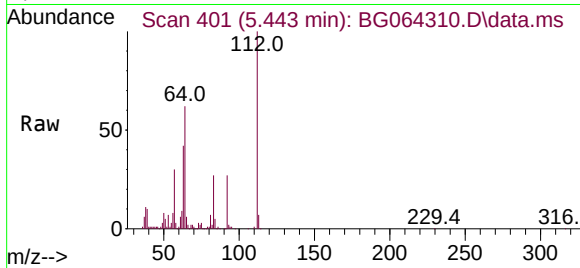
44 5.8 5.5 8.3





#5
2-Fluorophenol
Concen: 119.375 ng
RT: 5.443 min Scan# 401
Delta R.T. -0.002 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

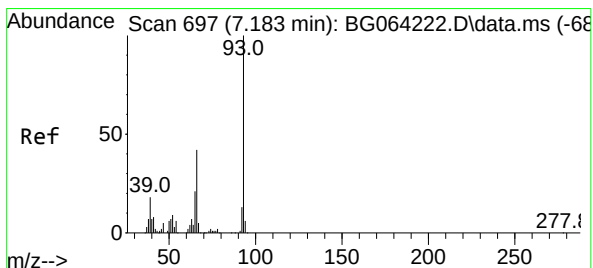
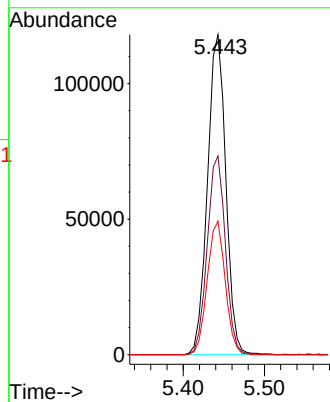
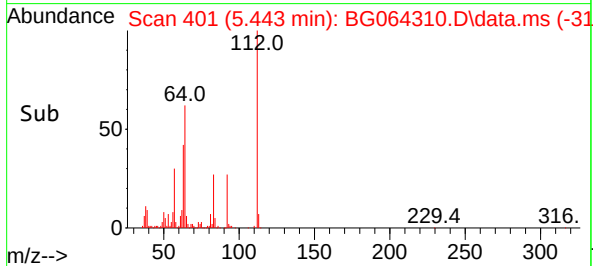
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ClientSampleId :
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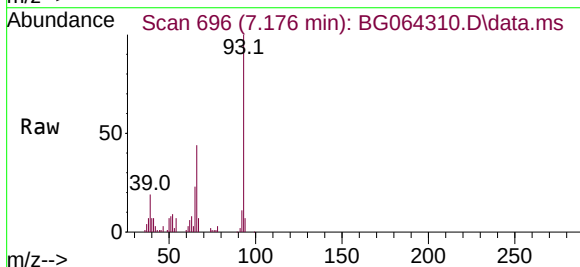
Tgt Ion:112 Resp: 18544
Ion Ratio Lower Upper
112 100
64 62.1 51.8 77.6
63 41.7 30.6 45.8

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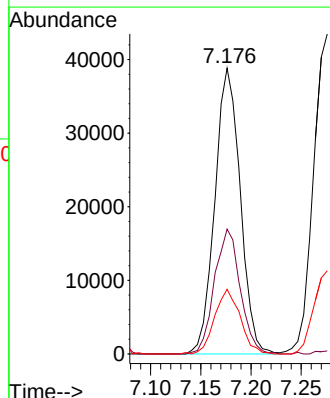
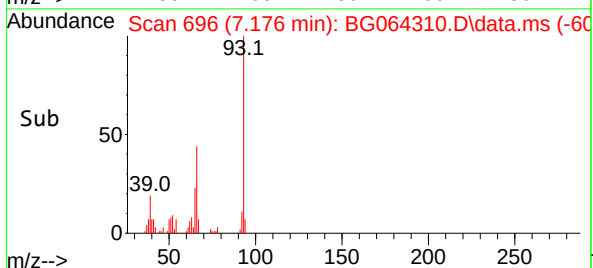
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025

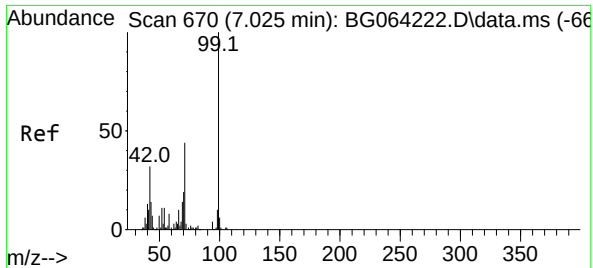


#6
Aniline
Concen: 23.144 ng
RT: 7.176 min Scan# 696
Delta R.T. -0.013 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00



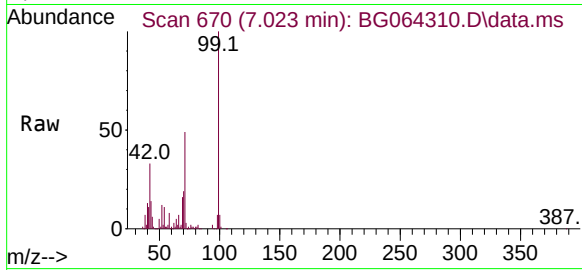
Tgt Ion: 93 Resp: 68303
Ion Ratio Lower Upper
93 100
66 43.7 33.8 50.8
65 22.6 16.9 25.3





#7
Phenol-d6
Concen: 111.866 ng
RT: 7.023 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

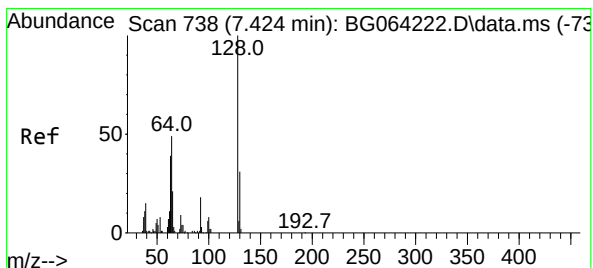
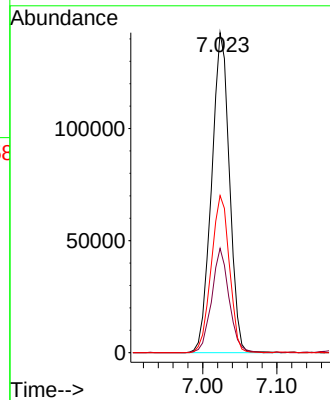
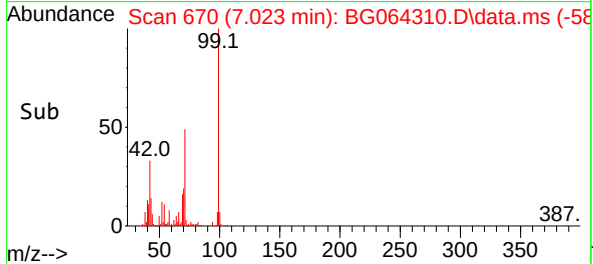
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MS



Tgt Ion: 99 Resp: 238739
Ion Ratio Lower Upper
99 100
42 32.6 25.8 38.8
71 49.1 35.2 52.8

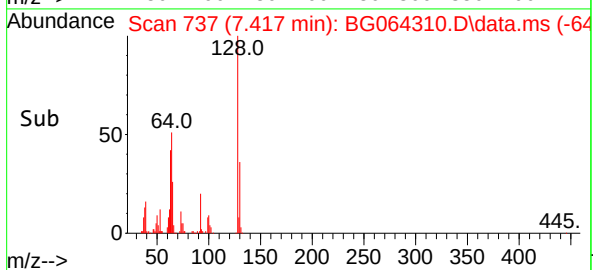
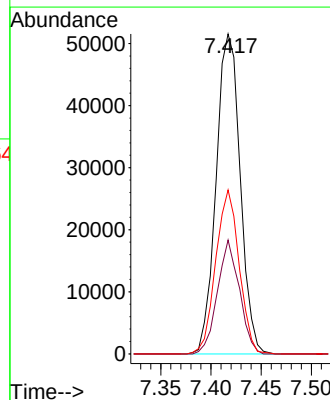
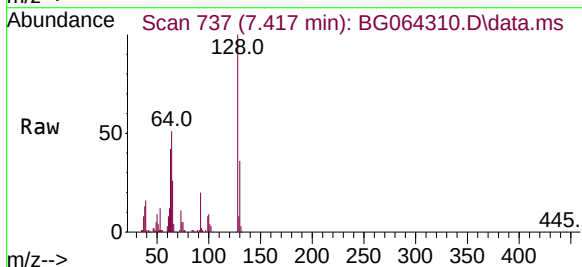
Manual Integrations
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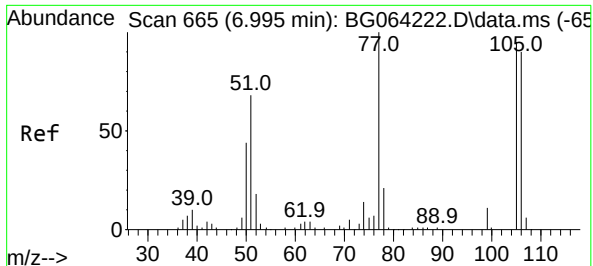
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#8
2-Chlorophenol
Concen: 45.355 ng
RT: 7.417 min Scan# 737
Delta R.T. -0.007 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

Tgt Ion:128 Resp: 86095
Ion Ratio Lower Upper
128 100
130 35.6 10.9 50.9
64 51.2 28.7 68.7





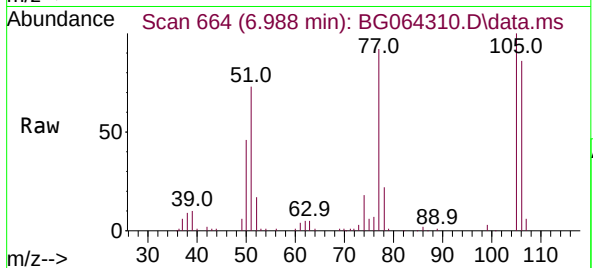
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Benzaldehyde
Concen: 31.709 ng
RT: 6.988 min Scan# 664
Delta R.T. -0.007 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-1MS

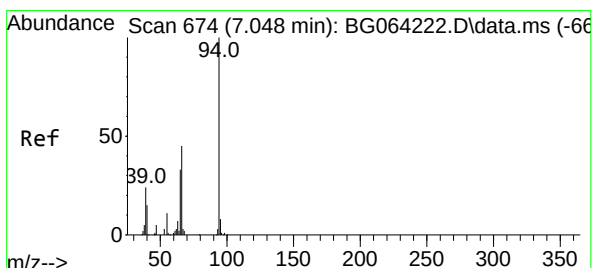
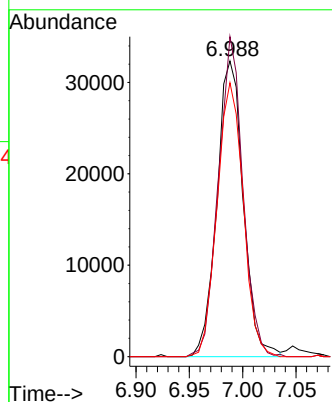
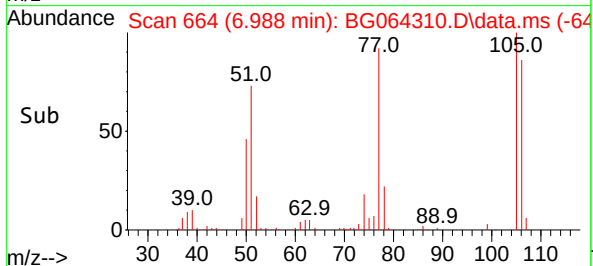


Tgt Ion: 77 Resp: 55690
Ion Ratio Lower Upper
77 100
105 108.3 75.2 115.2
106 92.6 69.6 109.6

Manual Integrations

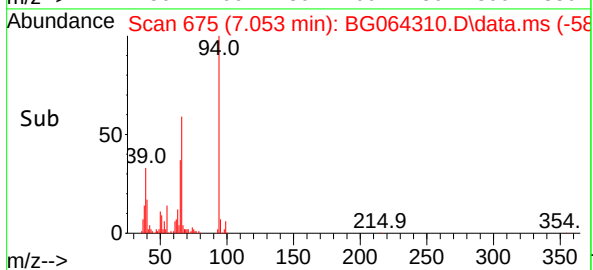
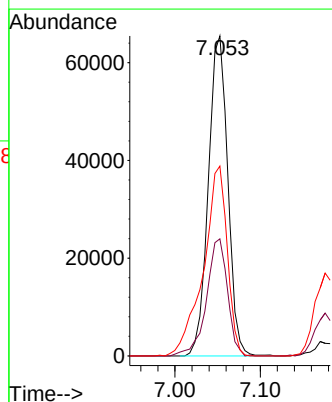
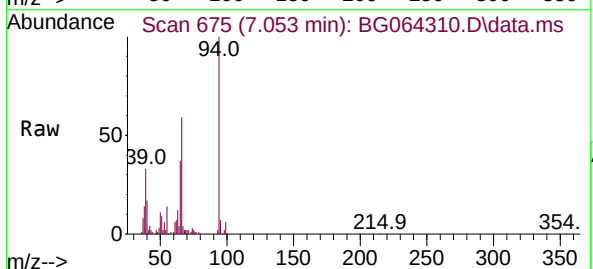
APPROVED

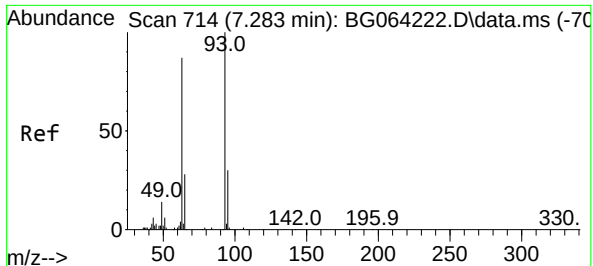
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#10
Phenol
Concen: 44.053 ng
RT: 7.053 min Scan# 675
Delta R.T. -0.002 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

Tgt Ion: 94 Resp: 103654
Ion Ratio Lower Upper
94 100
65 36.6 13.5 53.5
66 59.3 26.2 66.2





#11

bis(2-Chloroethyl)ether

Concen: 38.463 ng

RT: 7.276 min Scan# 714

Delta R.T. -0.007 min

Lab File: BG064310.D

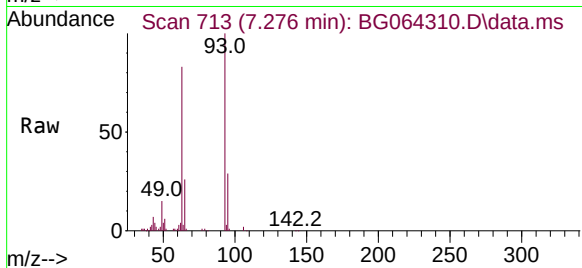
Acq: 8 Sep 2025 17:00

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-1MS



Tgt Ion: 93 Resp: 6800

Ion Ratio Lower Upper

93 100

63 82.9 66.2 106.2

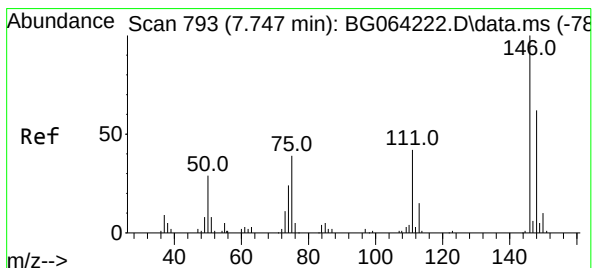
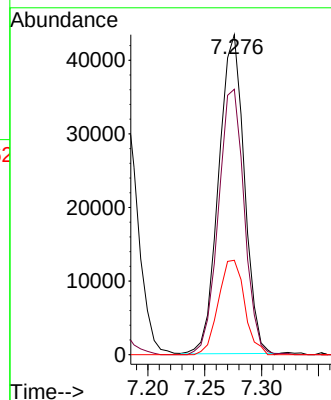
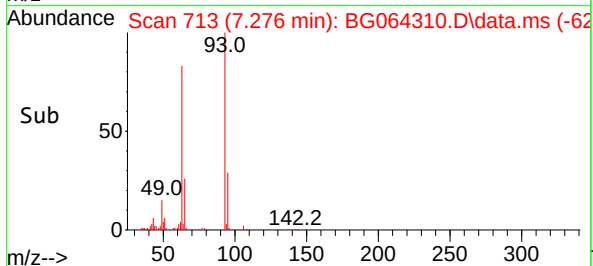
95 29.5 9.8 49.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/09/2025

Supervised By :Jagrut Upadhyay 09/09/2025



#12

1,3-Dichlorobenzene

Concen: 45.400 ng

RT: 7.740 min Scan# 792

Delta R.T. -0.007 min

Lab File: BG064310.D

Acq: 8 Sep 2025 17:00

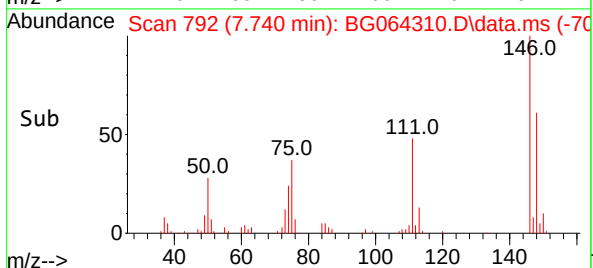
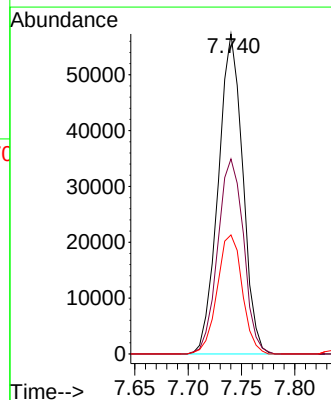
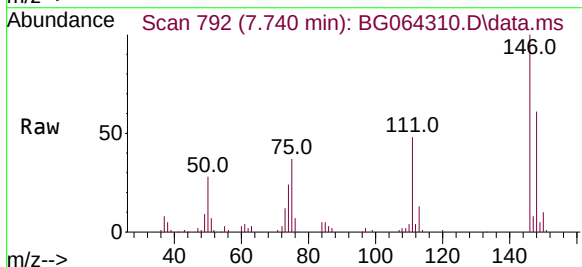
Tgt Ion:146 Resp: 91683

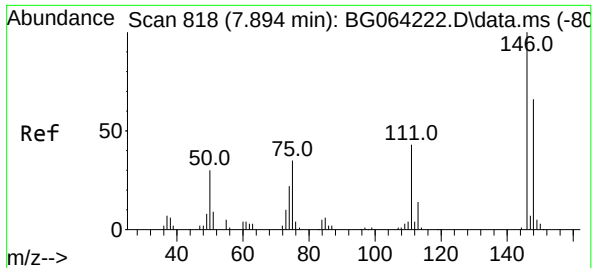
Ion Ratio Lower Upper

146 100

148 60.9 49.6 74.4

75 37.2 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 46.430 ng

RT: 7.887 min Scan# 81

Delta R.T. -0.007 min

Lab File: BG064310.D

Acq: 8 Sep 2025 17:00

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-1MS

Tgt Ion:146 Resp: 94629

Ion Ratio Lower Upper

146 100

148 61.7 52.8 79.2

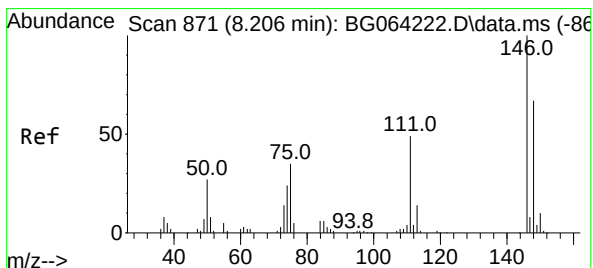
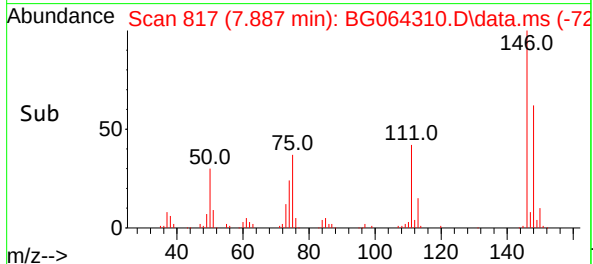
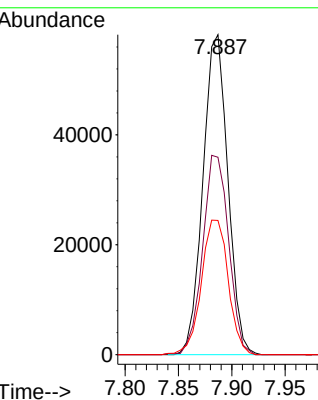
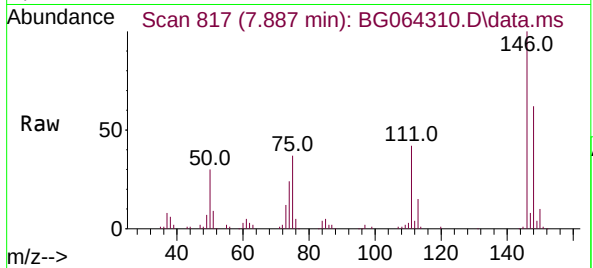
111 41.9 34.1 51.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/09/2025

Supervised By :Jagrut Upadhyay 09/09/2025



#14

1,2-Dichlorobenzene

Concen: 46.487 ng

RT: 8.198 min Scan# 870

Delta R.T. -0.013 min

Lab File: BG064310.D

Acq: 8 Sep 2025 17:00

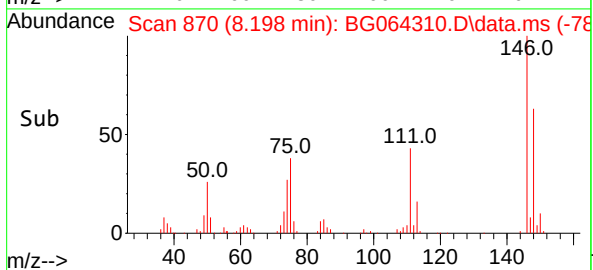
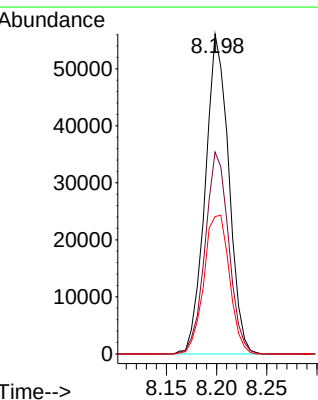
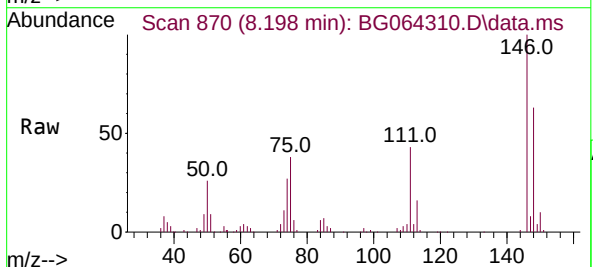
Tgt Ion:146 Resp: 91442

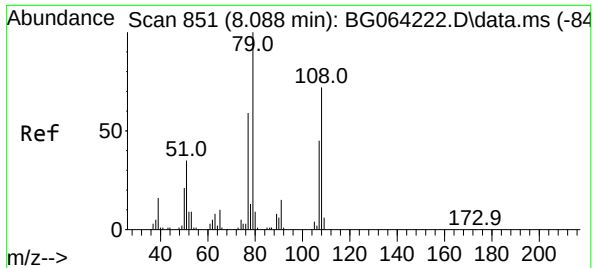
Ion Ratio Lower Upper

146 100

148 63.1 53.4 80.0

111 42.9 39.1 58.7





#15

Benzyl Alcohol

Concen: 43.538 ng

RT: 8.087 min Scan# 81

Delta R.T. -0.007 min

Lab File: BG064310.D

Acq: 8 Sep 2025 17:00

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-1MS

Tgt Ion: 79 Resp: 85745

Ion Ratio Lower Upper

79 100

108 66.7 57.4 86.0

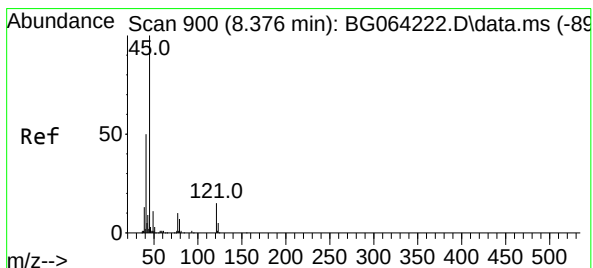
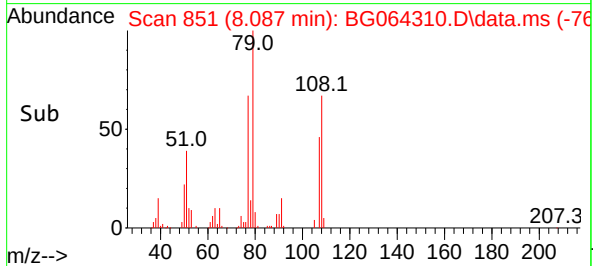
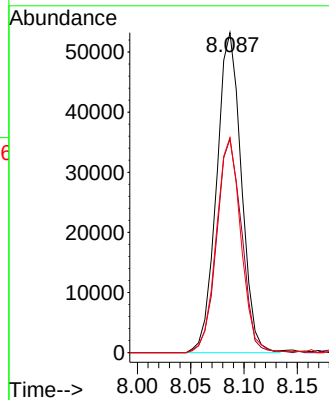
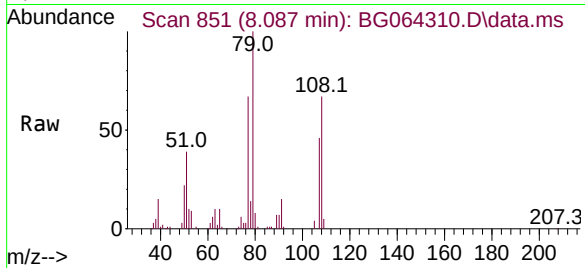
77 67.2 47.2 70.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/09/2025

Supervised By :Jagrut Upadhyay 09/09/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.699 ng

RT: 8.381 min Scan# 901

Delta R.T. 0.004 min

Lab File: BG064310.D

Acq: 8 Sep 2025 17:00

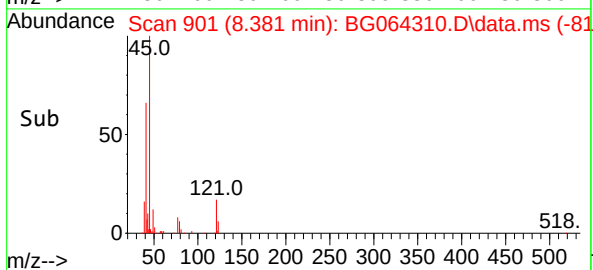
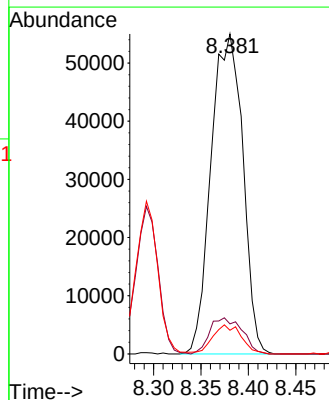
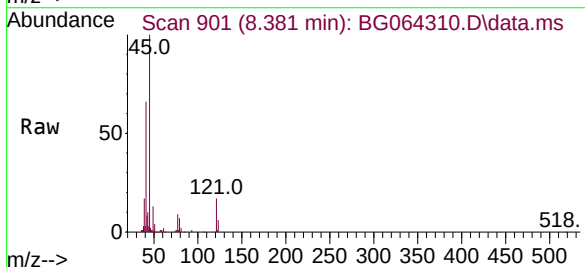
Tgt Ion: 45 Resp: 127962

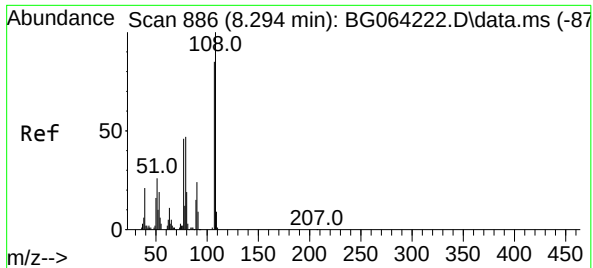
Ion Ratio Lower Upper

45 100

77 9.4 0.0 30.0

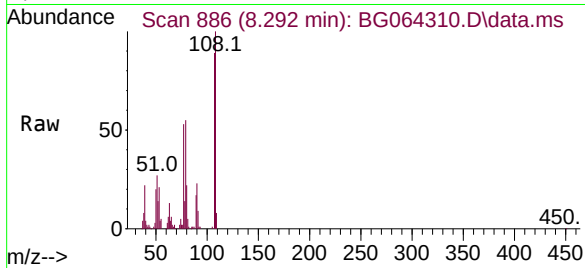
79 7.4 0.0 27.9





#17
2-Methylphenol
Concen: 41.388 ng
RT: 8.292 min Scan# 886
Delta R.T. -0.007 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

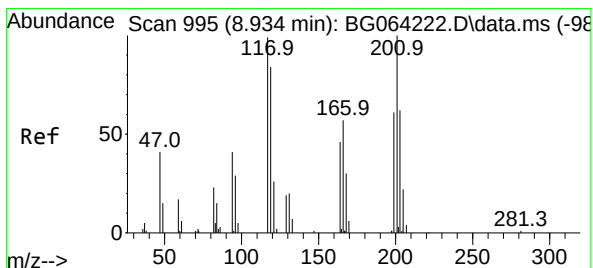
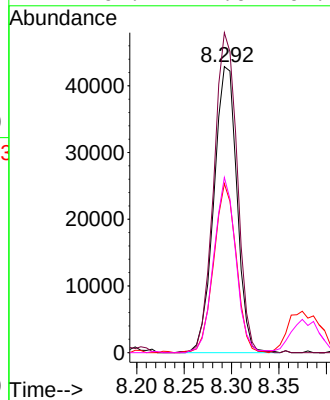
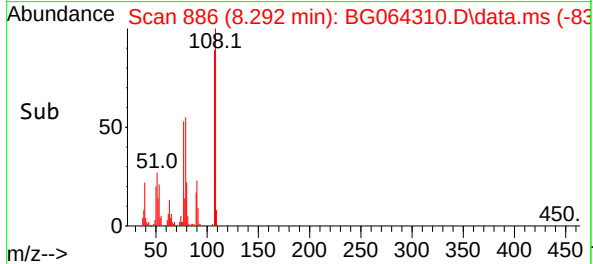
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MS



Tgt Ion:107 Resp: 72572
Ion Ratio Lower Upper
107 100
108 111.9 94.6 141.8
77 59.1 43.7 65.5
79 61.2 44.6 67.0

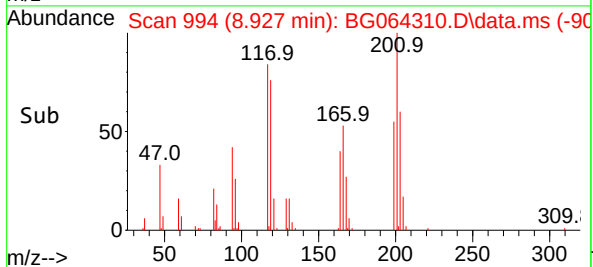
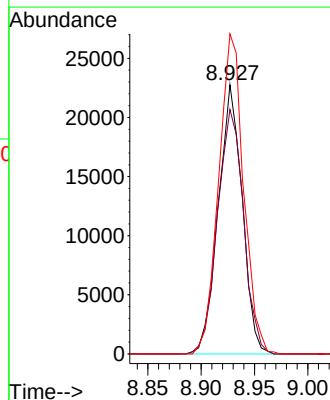
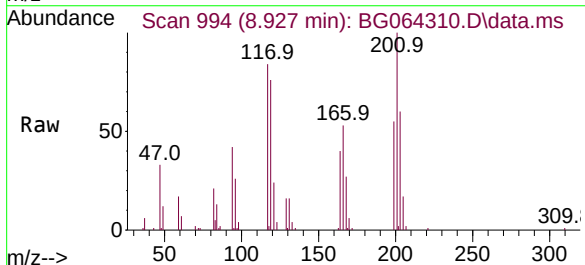
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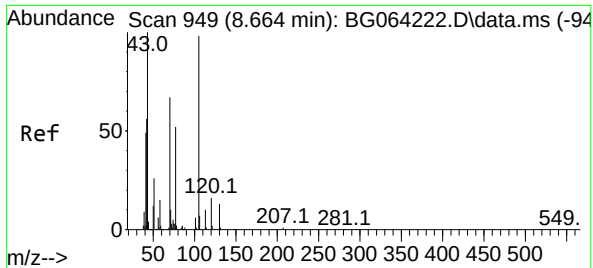
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#18
Hexachloroethane
Concen: 44.746 ng
RT: 8.927 min Scan# 994
Delta R.T. -0.007 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

Tgt Ion:117 Resp: 35599
Ion Ratio Lower Upper
117 100
119 88.9 67.9 101.9
201 116.3 80.5 120.7





#19

n-Nitroso-di-n-propylamine

Concen: 37.548 ng

RT: 8.651 min Scan# 94

Delta R.T. -0.013 min

Lab File: BG064310.D

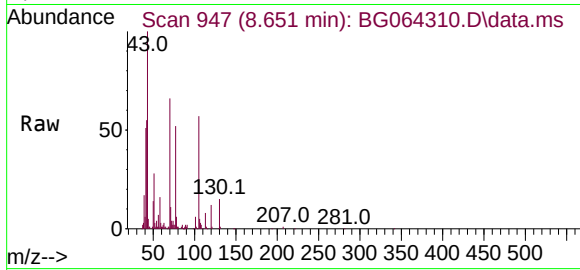
Acq: 8 Sep 2025 17:00

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-1MS



Tgt Ion: 70 Resp: 61329

Ion Ratio Lower Upper

70 100

42 83.7 67.9 101.9

101 9.8 7.3 10.9

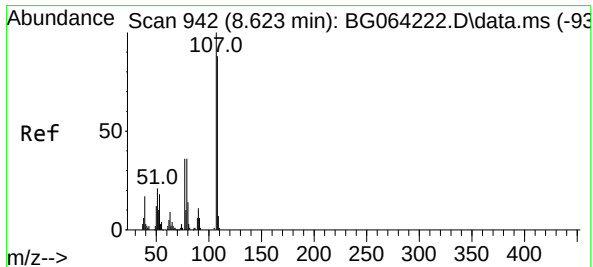
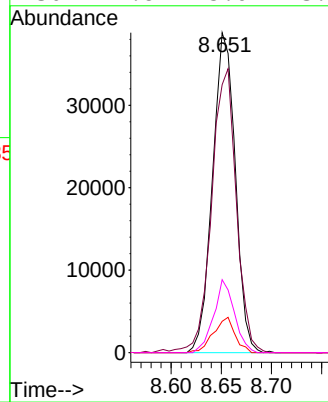
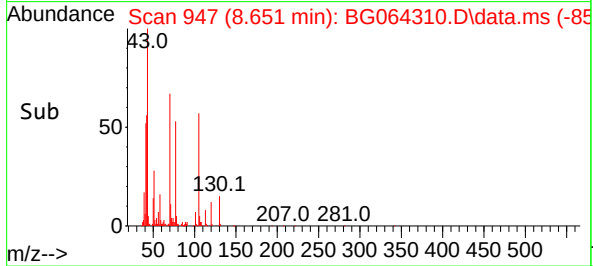
130 22.8 15.6 23.4

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Reviewed By :Rahul Chavli 09/09/2025

Supervised By :Jagrut Upadhyay 09/09/2025



#20

3+4-Methylphenols

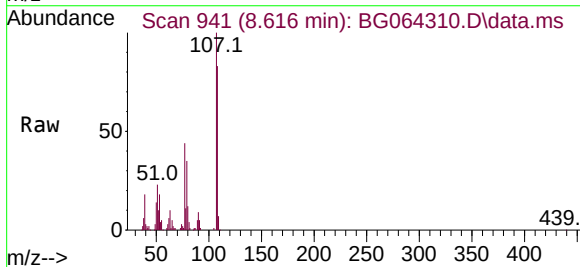
Concen: 40.937 ng

RT: 8.616 min Scan# 941

Delta R.T. -0.013 min

Lab File: BG064310.D

Acq: 8 Sep 2025 17:00



Tgt Ion:107 Resp: 99748

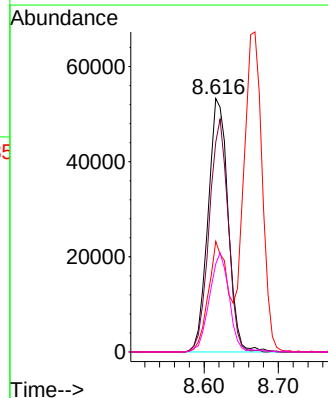
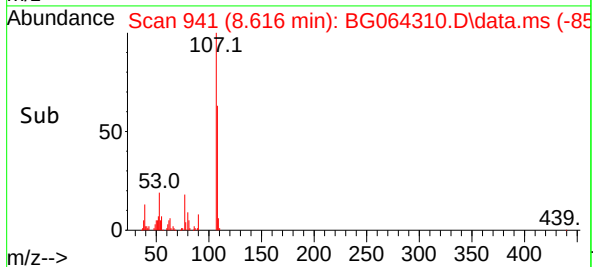
Ion Ratio Lower Upper

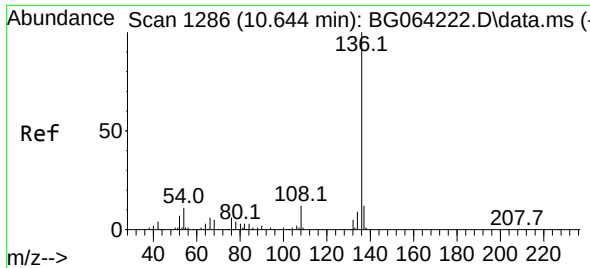
107 100

108 82.8 68.1 108.1

77 43.6 15.9 55.9

79 34.7 16.0 56.0





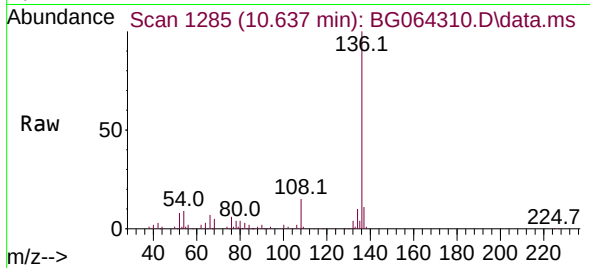
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.637 min Scan# 1285
Delta R.T. -0.013 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-1MS



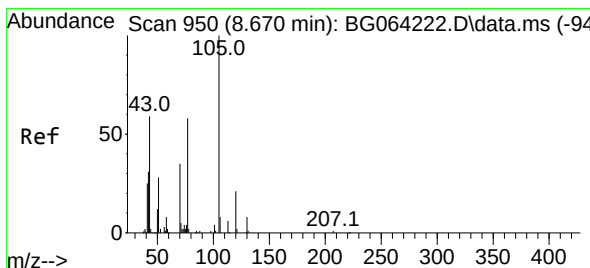
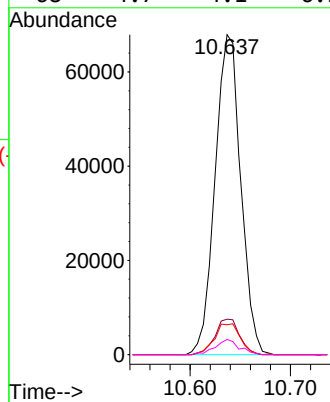
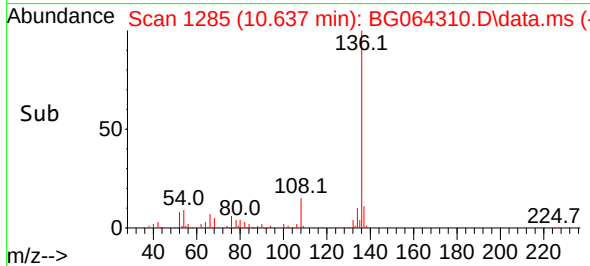
Tgt Ion:136 Resp: 120718
Ion Ratio Lower Upper
136 100
137 11.1 9.6 14.4
54 9.3 8.8 13.2
68 4.7 4.1 6.1

Manual Integrations

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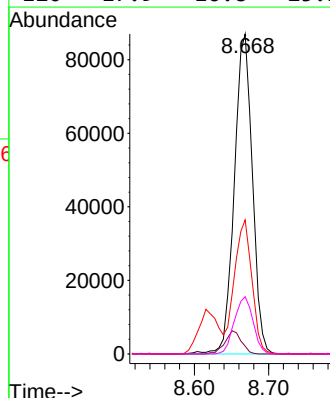
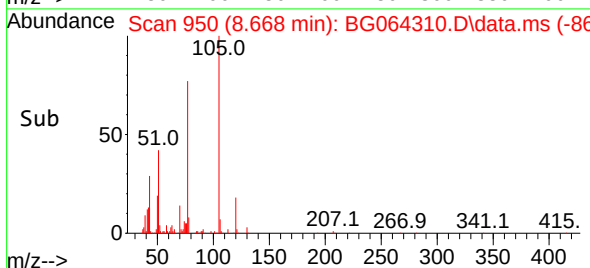
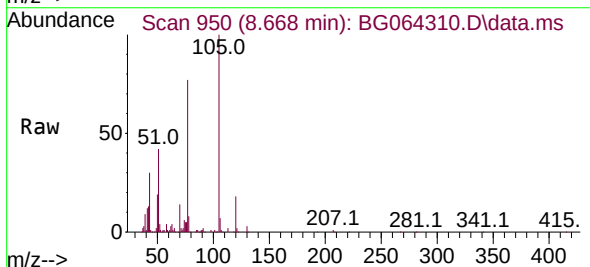
Reviewed By :Rahul Chavli 09/09/2025

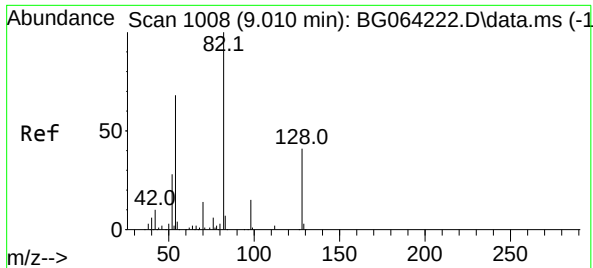
Supervised By :Jagrut Upadhyay 09/09/2025



#22
Acetophenone
Concen: 48.099 ng
RT: 8.668 min Scan# 950
Delta R.T. -0.007 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

Tgt Ion:105 Resp: 146897
Ion Ratio Lower Upper
105 100
71 2.4 4.3 6.5#
51 41.9 32.4 48.6
120 17.9 16.8 25.2





#23

Nitrobenzene-d5

Concen: 76.900 ng

RT: 9.003 min Scan# 1007

Delta R.T. -0.013 min

Lab File: BG064310.D

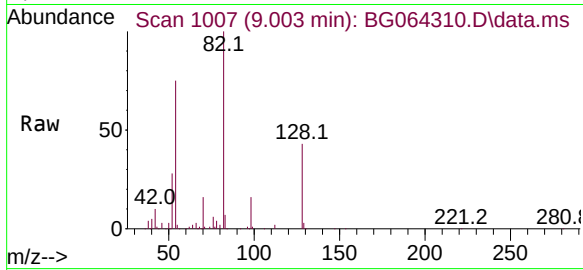
Acq: 8 Sep 2025 17:00

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-1MS



Tgt Ion: 82 Resp: 16645

Ion Ratio Lower Upper

82 100

128 42.9 32.6 48.8

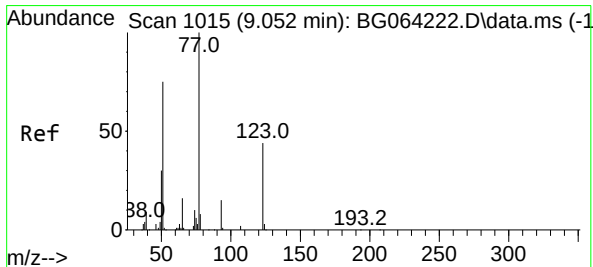
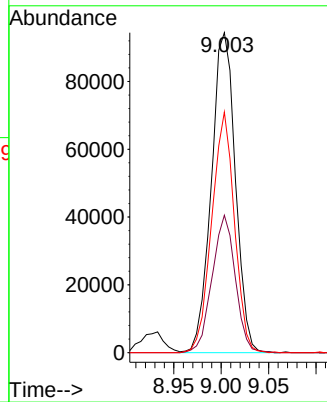
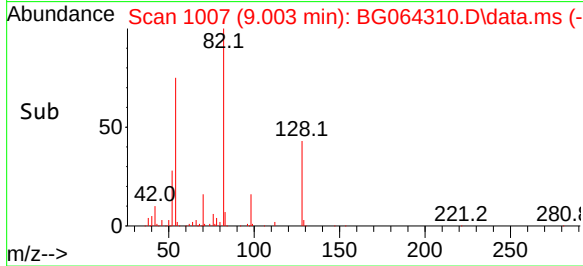
54 75.2 54.7 82.1

Manual Integrations

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Reviewed By :Rahul Chavli 09/09/2025

Supervised By :Jagrut Upadhyay 09/09/2025



#24

Nitrobenzene

Concen: 43.246 ng

RT: 9.044 min Scan# 1014

Delta R.T. -0.013 min

Lab File: BG064310.D

Acq: 8 Sep 2025 17:00

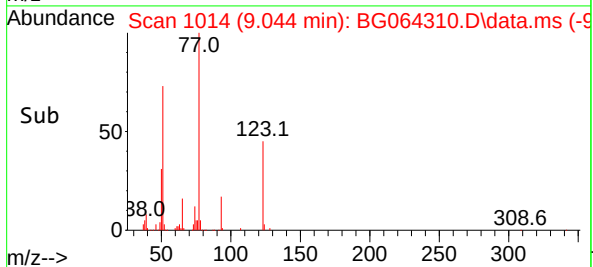
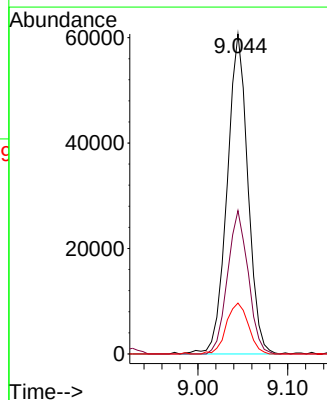
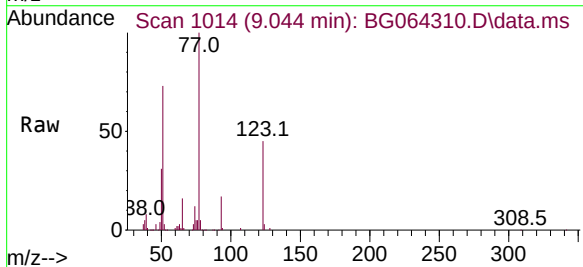
Tgt Ion: 77 Resp: 97803

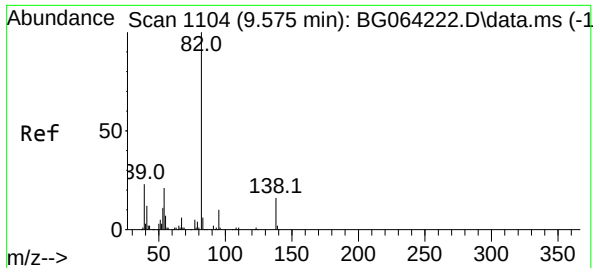
Ion Ratio Lower Upper

77 100

123 44.8 35.2 52.8

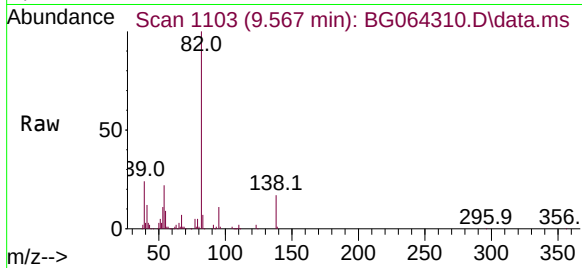
65 15.9 12.6 19.0





#25
Isophorone
Concen: 39.580 ng
RT: 9.567 min Scan# 1103
Delta R.T. -0.019 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

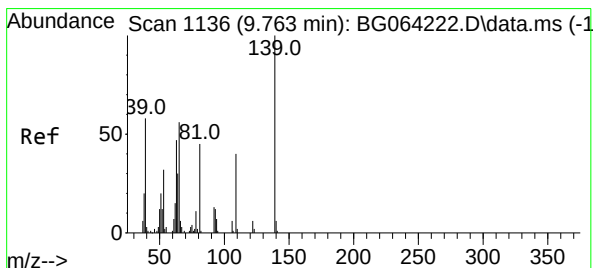
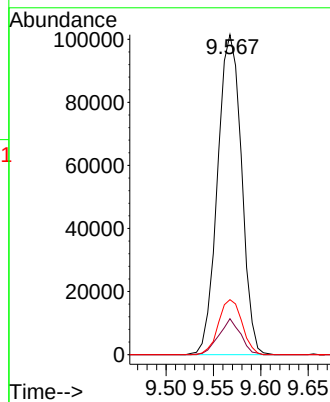
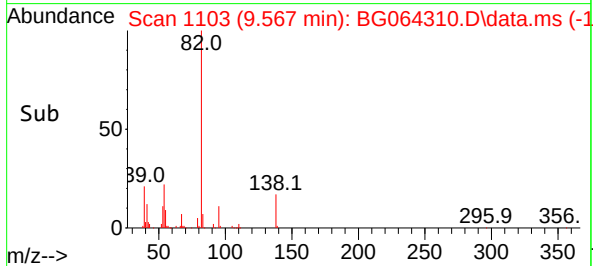
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MS



Tgt Ion: 82 Resp: 178056
Ion Ratio Lower Upper
82 100
95 11.2 7.9 11.9
138 17.2 13.0 19.4

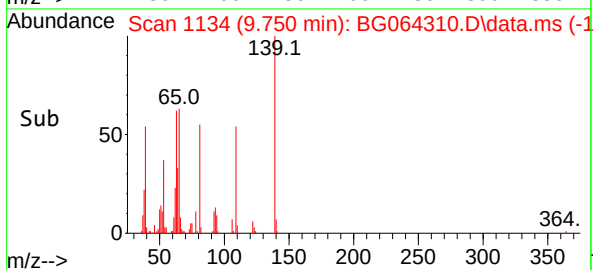
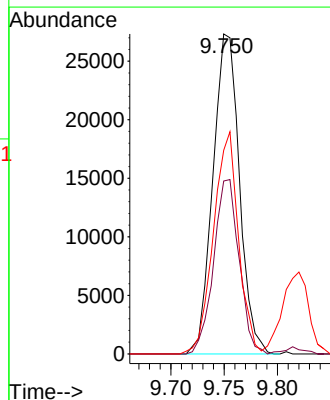
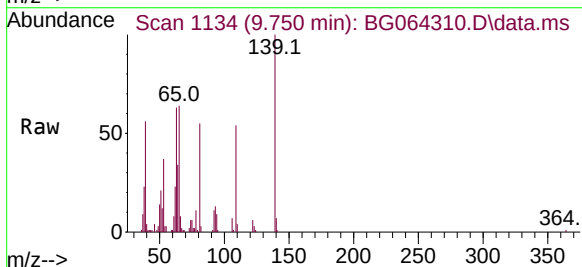
Manual Integrations
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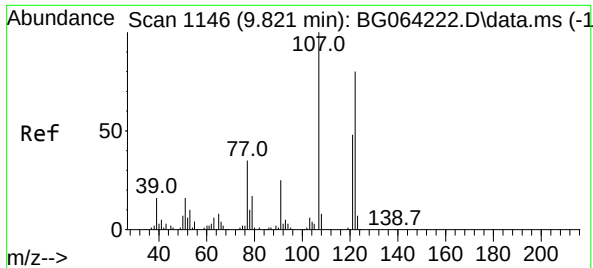
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#26
2-Nitrophenol
Concen: 48.383 ng
RT: 9.750 min Scan# 1134
Delta R.T. -0.013 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

Tgt Ion:139 Resp: 47280
Ion Ratio Lower Upper
139 100
109 54.0 32.4 48.6#
65 63.6 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 48.919 ng

RT: 9.820 min Scan# 1146

Delta R.T. -0.007 min

Lab File: BG064310.D

Acq: 8 Sep 2025 17:00

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-1MS

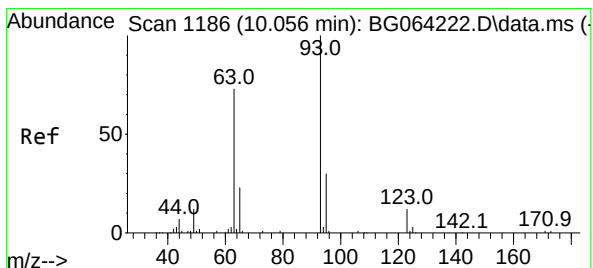
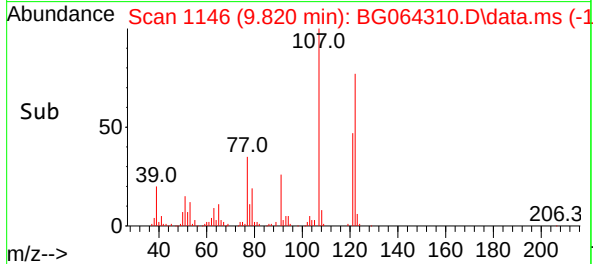
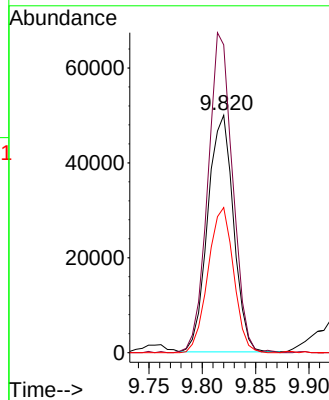
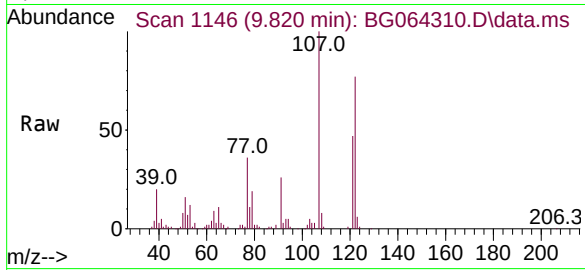
Tgt Ion:	122	Resp:	83929
Ion Ratio	Lower	Upper	
122	100		
107	129.6	99.9	149.9
121	61.1	48.6	72.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/09/2025

Supervised By :Jagrut Upadhyay 09/09/2025



#28

bis(2-Chloroethoxy)methane

Concen: 39.600 ng

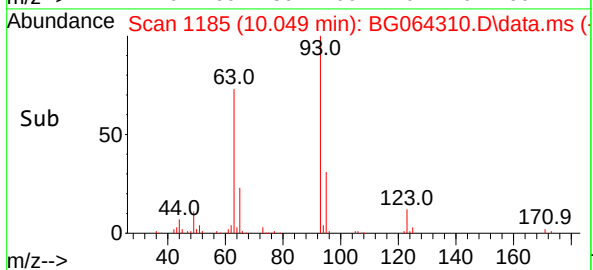
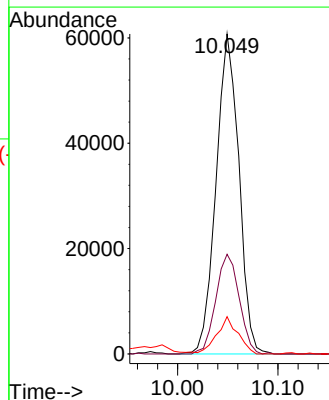
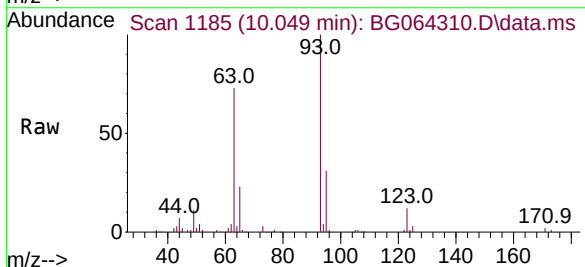
RT: 10.049 min Scan# 1185

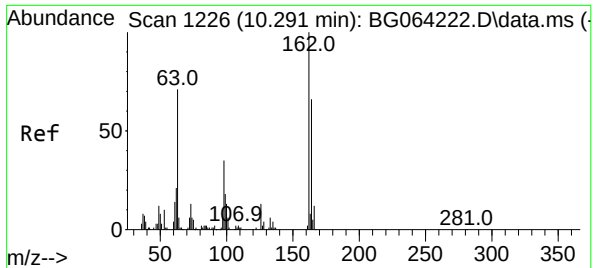
Delta R.T. -0.013 min

Lab File: BG064310.D

Acq: 8 Sep 2025 17:00

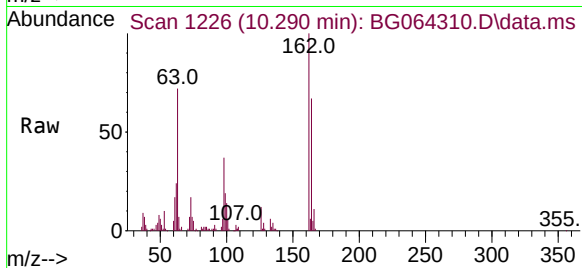
Tgt Ion:	93	Resp:	96059
Ion Ratio	Lower	Upper	
93	100		
95	31.1	23.9	35.9
123	11.6	9.6	14.4





#29
2,4-Dichlorophenol
Concen: 48.163 ng
RT: 10.290 min Scan# 1226
Delta R.T. -0.007 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

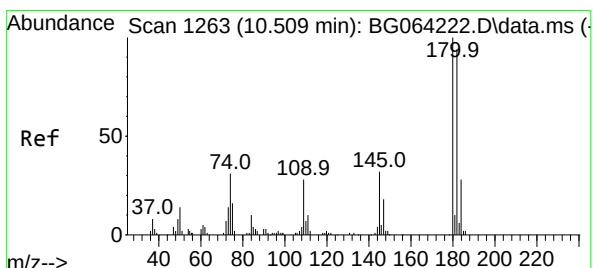
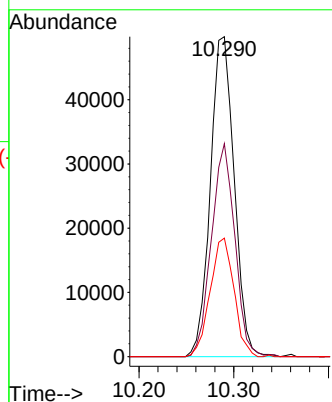
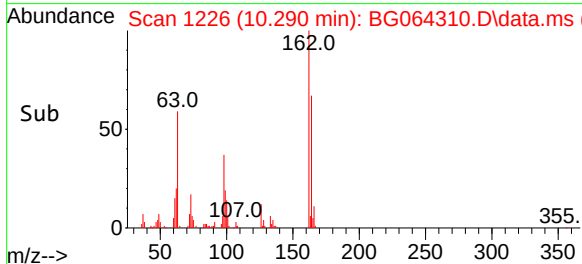
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MS



Tgt Ion:162 Resp: 87186
Ion Ratio Lower Upper
162 100
164 66.5 45.8 85.8
98 37.1 15.2 55.2

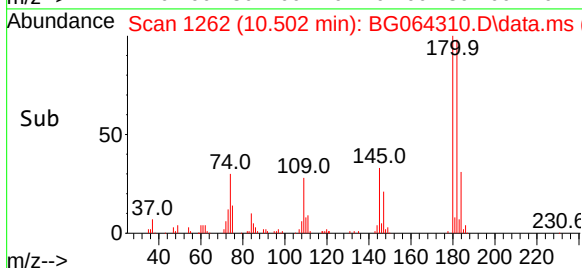
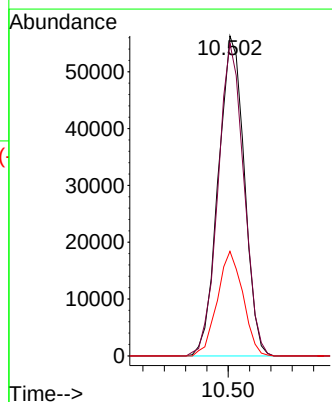
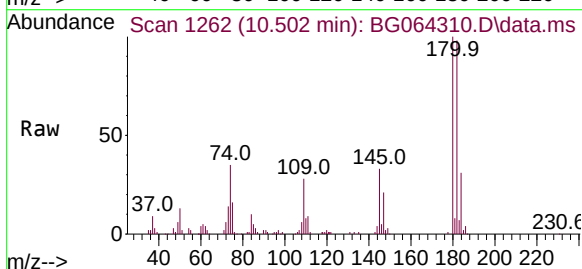
Manual Integrations
APPROVED

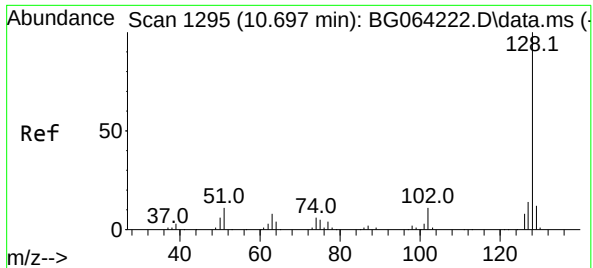
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#30
1,2,4-Trichlorobenzene
Concen: 49.914 ng
RT: 10.502 min Scan# 1262
Delta R.T. -0.007 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

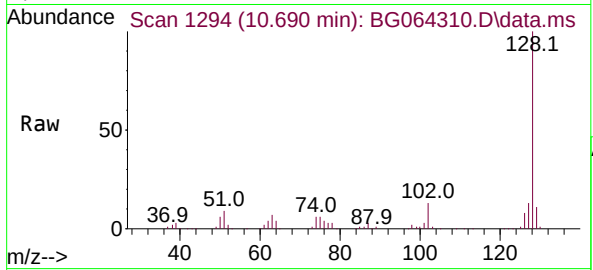
Tgt Ion:180 Resp: 95271
Ion Ratio Lower Upper
180 100
182 97.7 75.0 112.6
145 32.7 25.4 38.0





#31
Naphthalene
Concen: 43.985 ng
RT: 10.690 min Scan# 1174
Delta R.T. -0.007 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

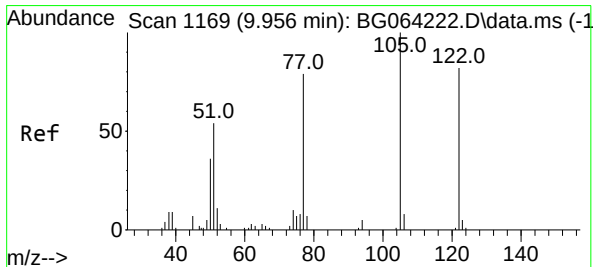
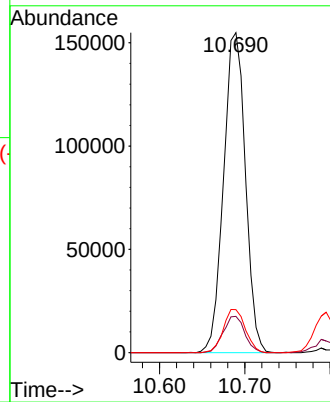
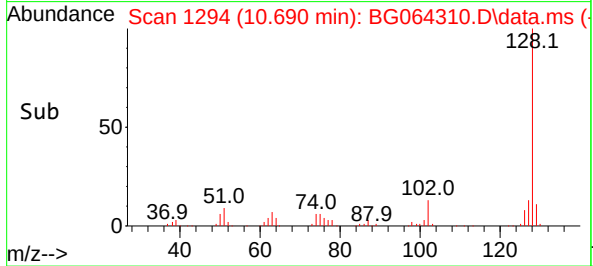
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MS



Tgt Ion:128 Resp: 275340
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.2
127 13.4 10.9 16.3

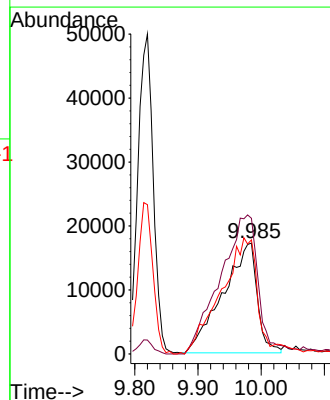
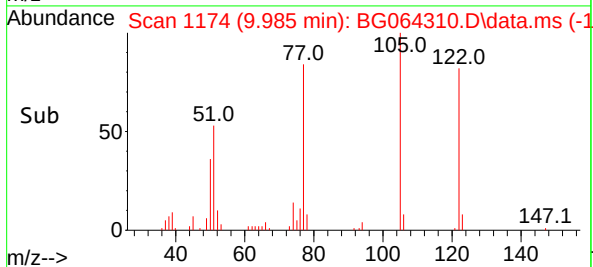
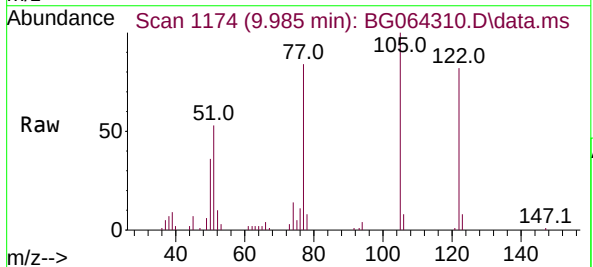
Manual Integrations
APPROVED

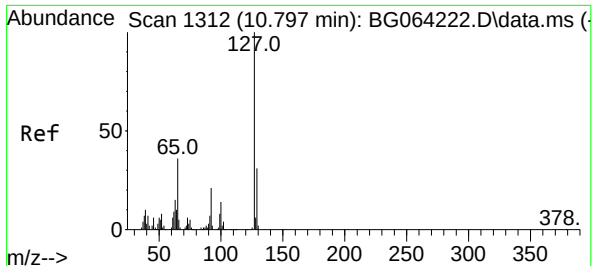
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#32
Benzoic acid
Concen: 47.625 ng
RT: 9.985 min Scan# 1174
Delta R.T. -0.031 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

Tgt Ion:122 Resp: 64860
Ion Ratio Lower Upper
122 100
105 122.5 98.5 138.5
77 102.9 74.6 114.6





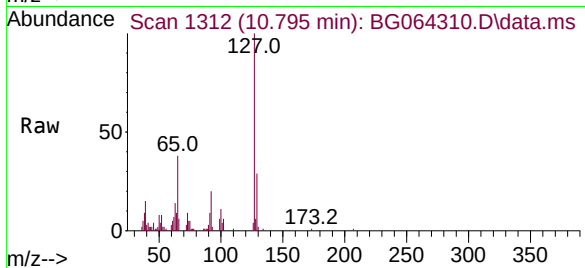
#33
4-Chloroaniline
Concen: 14.640 ng
RT: 10.795 min Scan# 1312
Delta R.T. -0.007 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-1MS

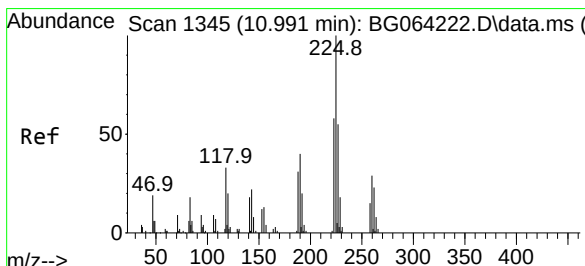
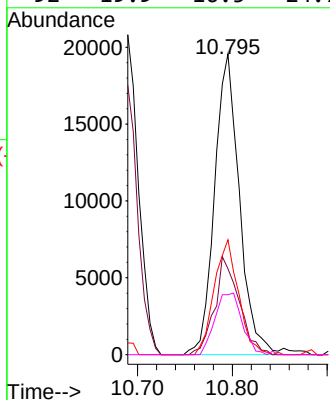
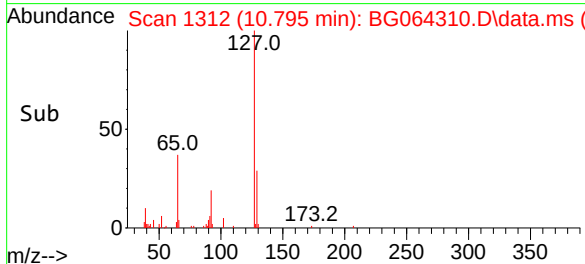


Tgt Ion:127 Resp: 35520
Ion Ratio Lower Upper
127 100
129 28.6 25.0 37.4
65 38.2 28.7 43.1
92 19.9 16.5 24.7

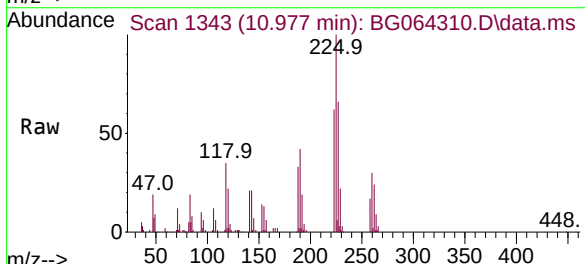
Manual Integrations

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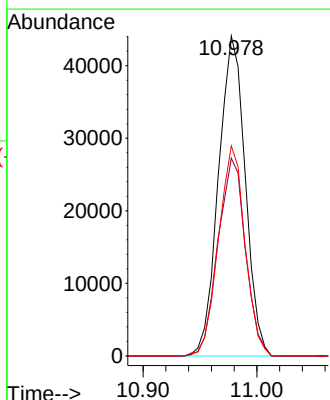
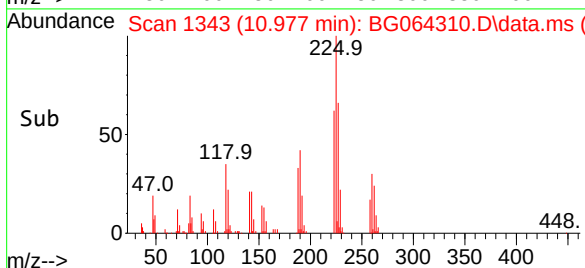
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025

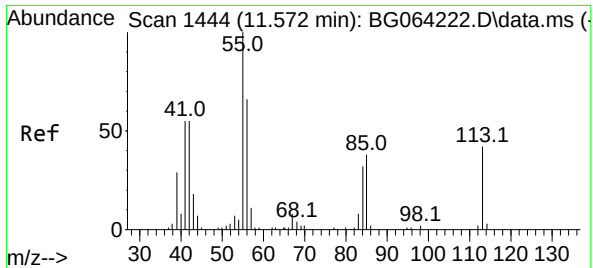


#34
Hexachlorobutadiene
Concen: 50.888 ng
RT: 10.977 min Scan# 1343
Delta R.T. -0.013 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00



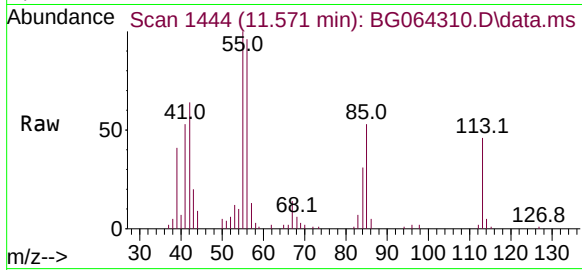
Tgt Ion:225 Resp: 71798
Ion Ratio Lower Upper
225 100
223 61.8 46.5 69.7
227 65.6 44.1 66.1





#35
 Caprolactam
 Concen: 38.724 ng m
 RT: 11.571 min Scan# 1444
 Delta R.T. -0.031 min
 Lab File: BG064310.D
 Acq: 8 Sep 2025 17:00

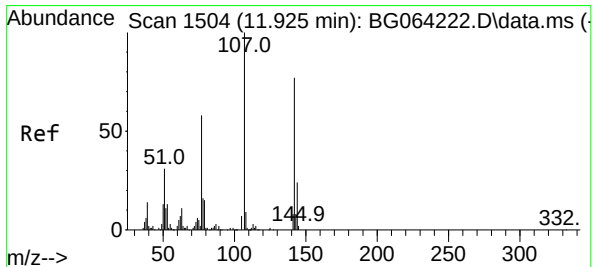
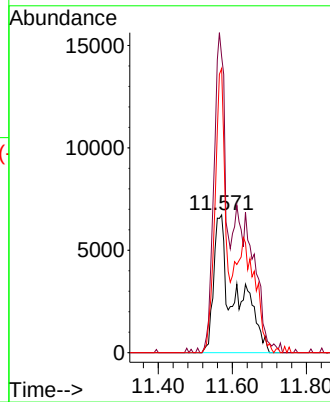
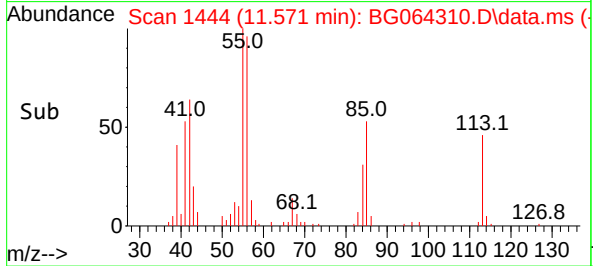
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PILE-1MS



Tgt Ion:113 Resp: 27143
 Ion Ratio Lower Upper
 113 100
 55 215.1 218.5 258.5
 56 206.4 138.5 178.5

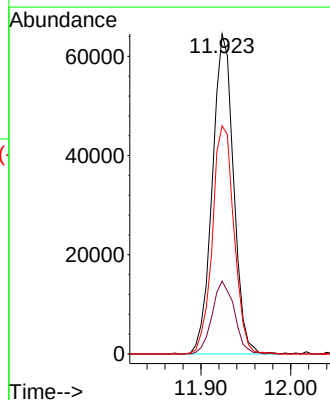
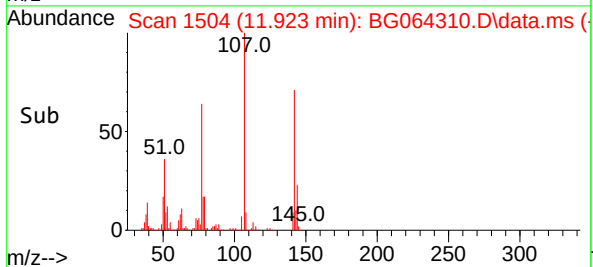
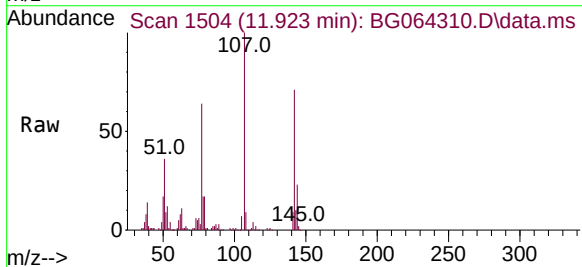
Manual Integrations
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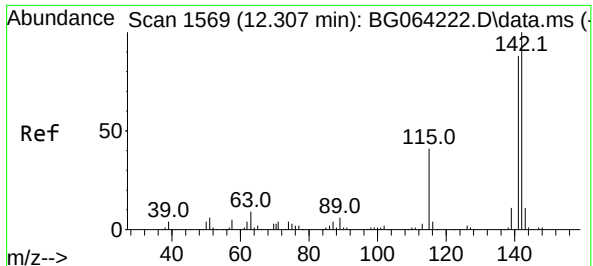
Reviewed By :Rahul Chavli 09/09/2025
 Supervised By :Jagrut Upadhyay 09/09/2025



#36
 4-Chloro-3-methylphenol
 Concen: 45.144 ng
 RT: 11.923 min Scan# 1504
 Delta R.T. -0.007 min
 Lab File: BG064310.D
 Acq: 8 Sep 2025 17:00

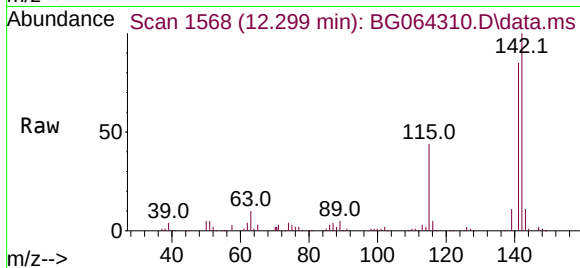
Tgt Ion:107 Resp: 106030
 Ion Ratio Lower Upper
 107 100
 144 22.7 19.5 29.3
 142 71.3 62.0 93.0





#37
2-Methylnaphthalene
Concen: 39.526 ng
RT: 12.299 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

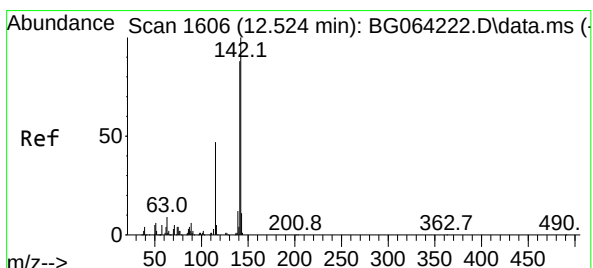
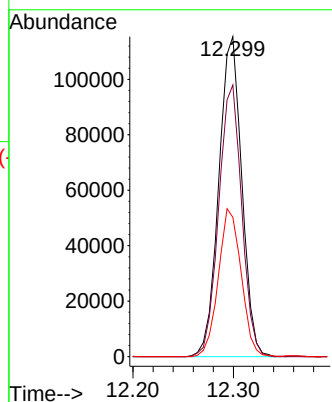
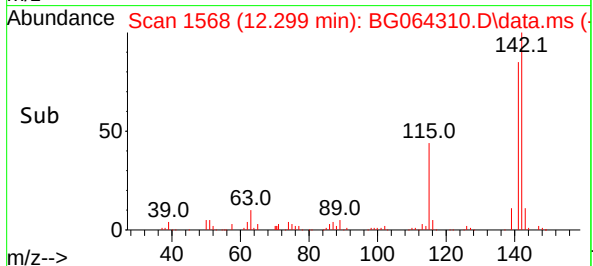
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MS



Tgt Ion:142 Resp: 183916
Ion Ratio Lower Upper
142 100
141 84.9 70.1 105.1
115 43.5 33.1 49.7

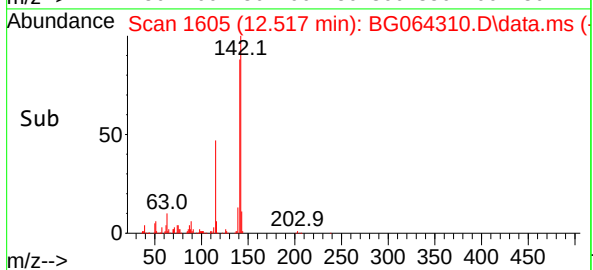
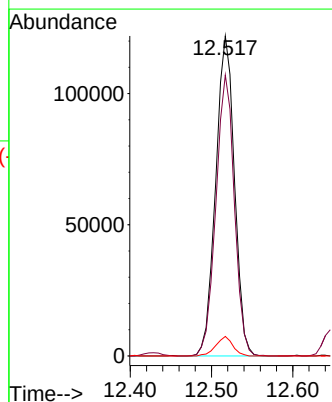
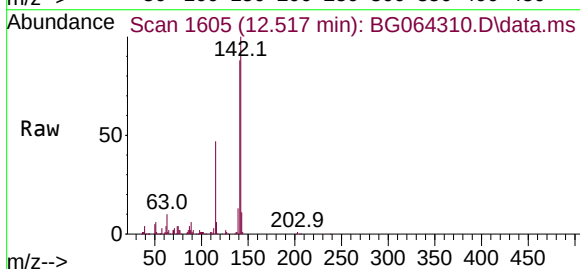
Manual Integrations
APPROVED

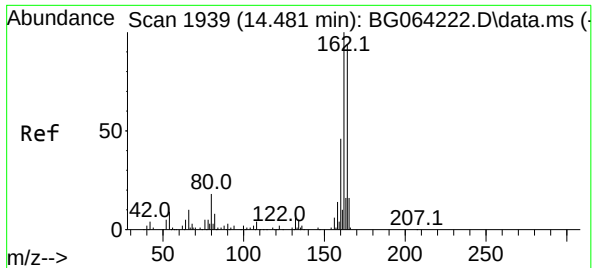
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#38
1-Methylnaphthalene
Concen: 42.591 ng m
RT: 12.517 min Scan# 1605
Delta R.T. -0.007 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

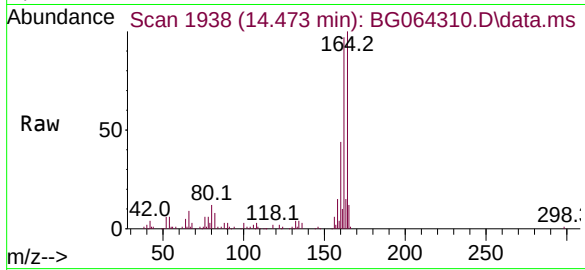
Tgt Ion:142 Resp: 195742
Ion Ratio Lower Upper
142 100
141 87.8 70.3 105.5
116 6.1 3.7 5.5#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.473 min Scan# 1938
Delta R.T. -0.008 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

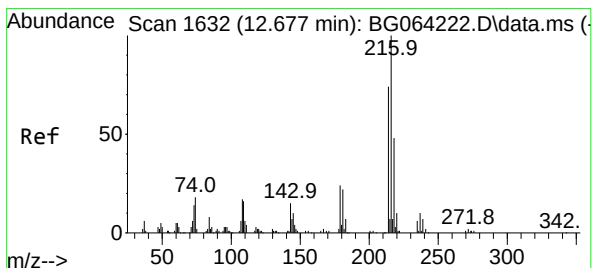
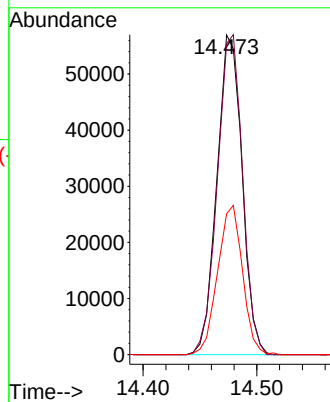
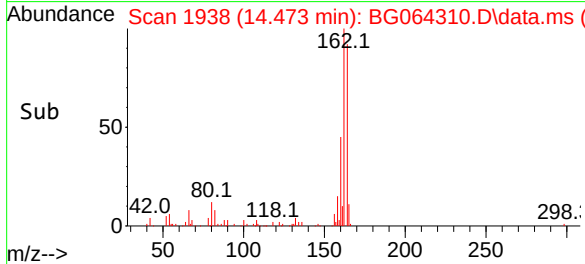
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MS



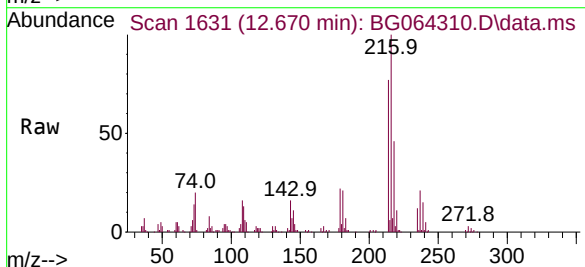
Tgt Ion:164 Resp: 87528
Ion Ratio Lower Upper
164 100
162 97.4 85.4 128.0
160 44.0 39.2 58.8

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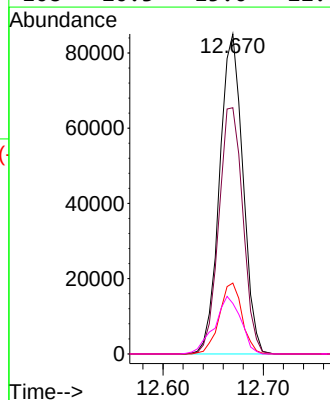
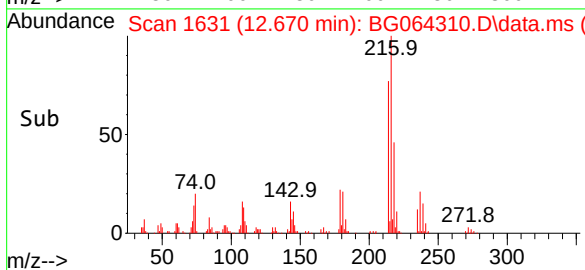
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025

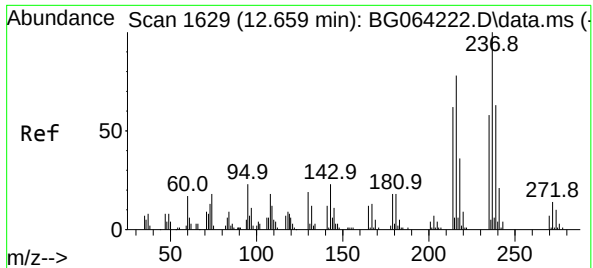


#40
1,2,4,5-Tetrachlorobenzene
Concen: 54.362 ng
RT: 12.670 min Scan# 1631
Delta R.T. -0.007 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00



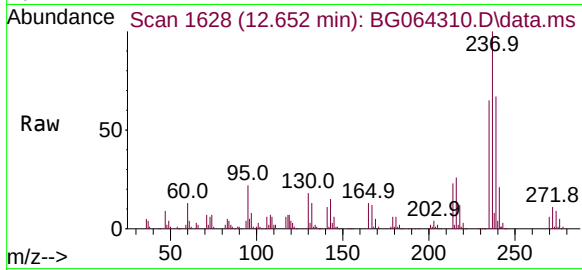
Tgt Ion:216 Resp: 137289
Ion Ratio Lower Upper
216 100
214 79.3 61.9 92.9
179 21.5 17.9 26.9
108 20.3 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 128.384 ng
RT: 12.652 min Scan# 1628
Delta R.T. -0.007 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

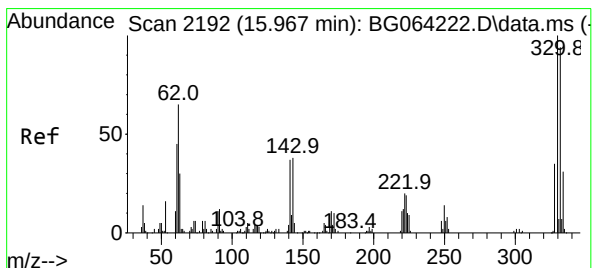
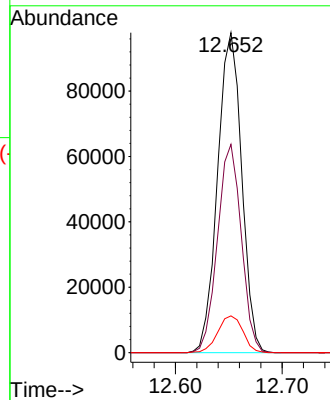
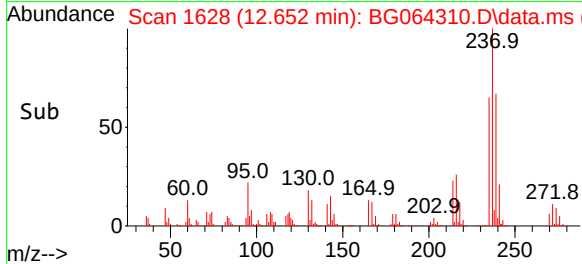
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MS



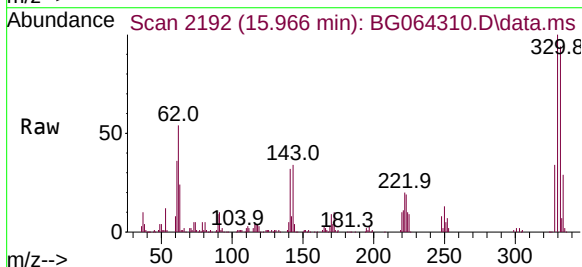
Tgt Ion: 237 Resp: 154095
Ion Ratio Lower Upper
237 100
235 65.1 37.9 77.9
272 11.5 0.0 33.8

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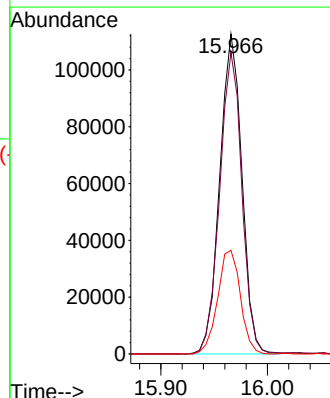
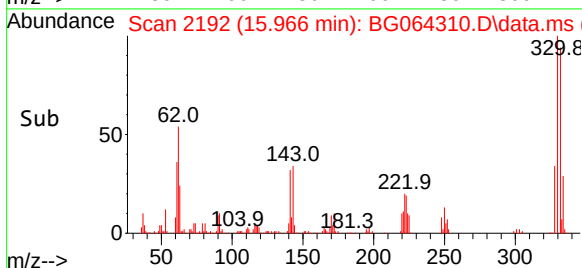
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025

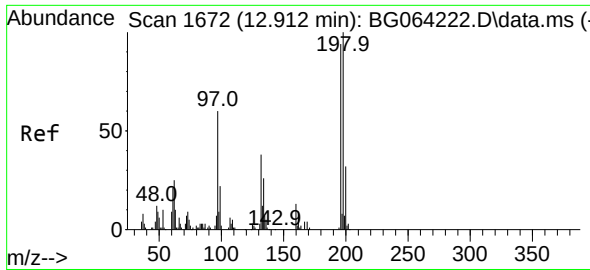


#42
2,4,6-Tribromophenol
Concen: 140.704 ng
RT: 15.966 min Scan# 2192
Delta R.T. -0.007 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00



Tgt Ion: 330 Resp: 163125
Ion Ratio Lower Upper
330 100
332 94.1 77.6 116.4
141 33.2 29.8 44.6





#43

2,4,6-Trichlorophenol

Concen: 46.974 ng

RT: 12.905 min Scan# 1671

Delta R.T. -0.007 min

Lab File: BG064310.D

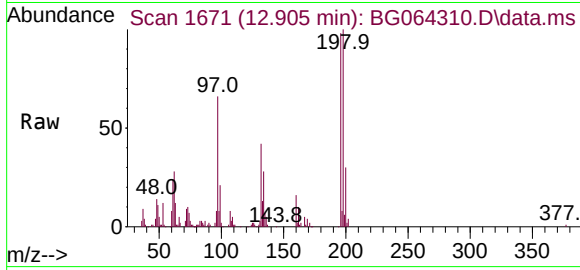
Acq: 8 Sep 2025 17:00

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-1MS



Tgt Ion:196 Resp: 79291

Ion Ratio Lower Upper

196 100

198 101.7 85.4 128.2

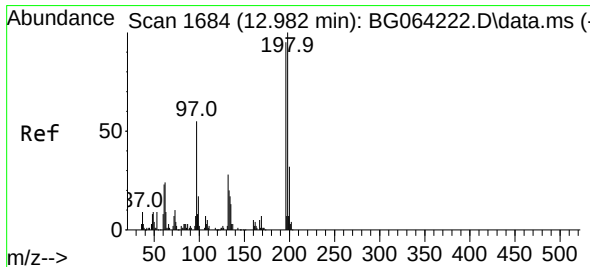
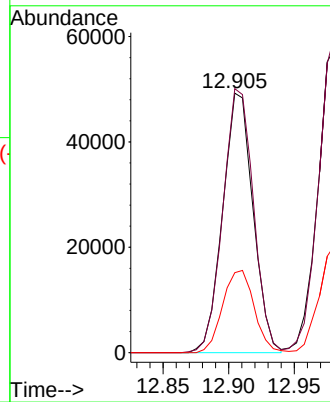
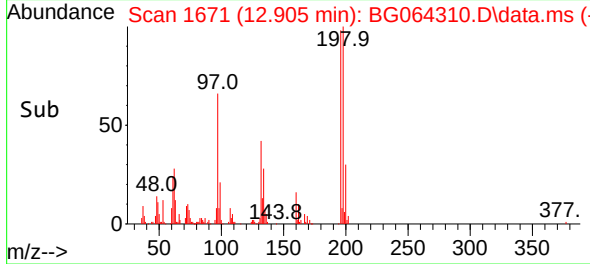
200 30.8 27.3 40.9

Manual Integrations

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Reviewed By :Rahul Chavli 09/09/2025

Supervised By :Jagrut Upadhyay 09/09/2025



#44

2,4,5-Trichlorophenol

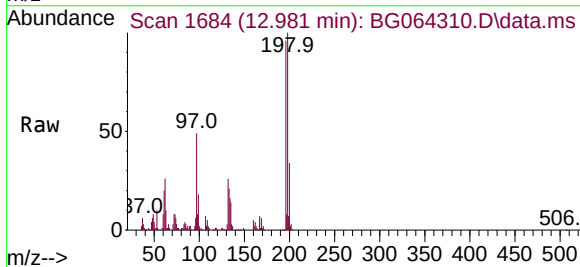
Concen: 50.468 ng

RT: 12.981 min Scan# 1684

Delta R.T. -0.007 min

Lab File: BG064310.D

Acq: 8 Sep 2025 17:00



Tgt Ion:196 Resp: 92410

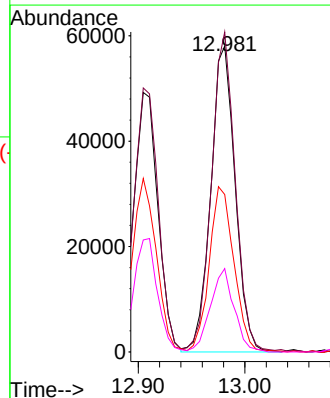
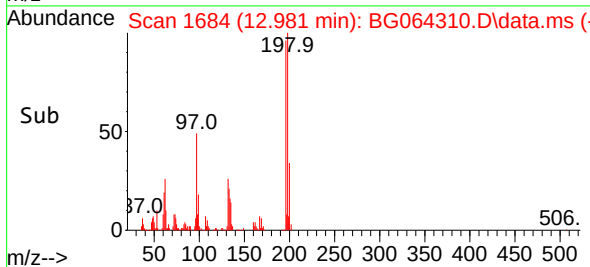
Ion Ratio Lower Upper

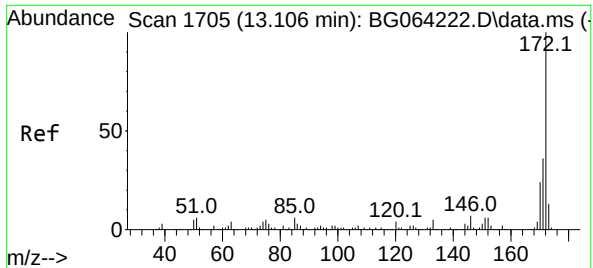
196 100

198 104.6 84.5 126.7

97 51.4 46.8 70.2

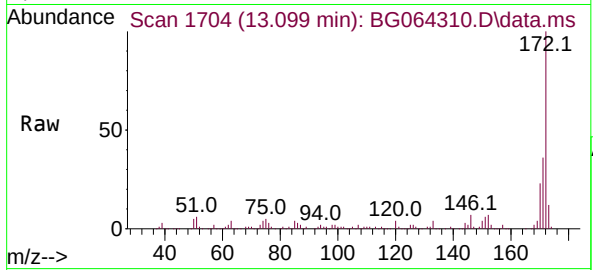
132 27.2 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 69.994 ng
RT: 13.099 min Scan# 1704
Delta R.T. -0.013 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

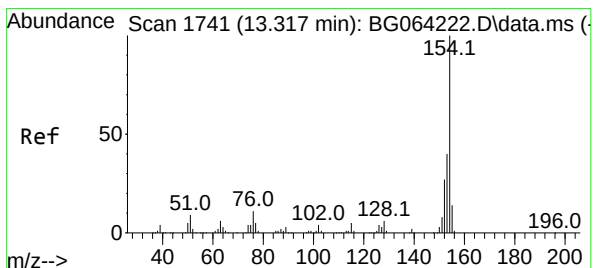
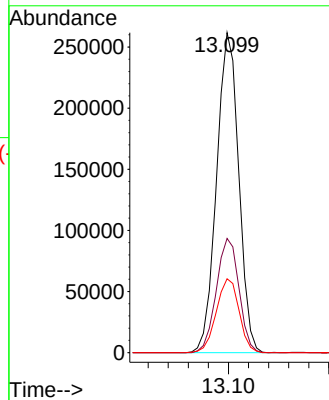
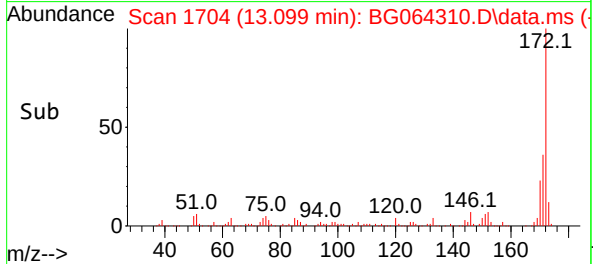
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MS



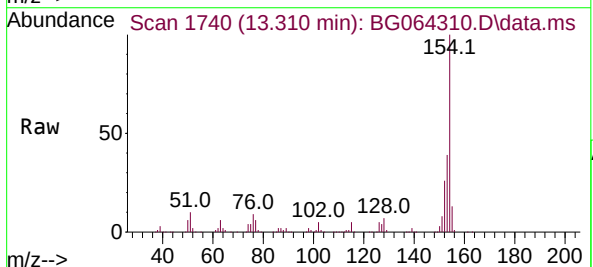
Tgt Ion:172 Resp: 401380
Ion Ratio Lower Upper
172 100
171 35.7 28.7 43.1
170 23.1 19.0 28.6

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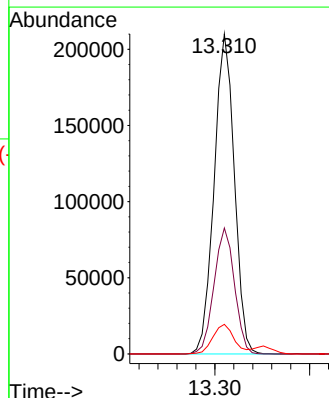
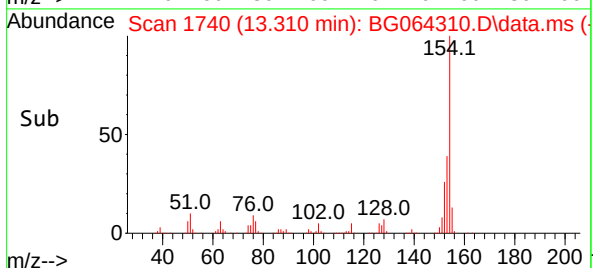
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025

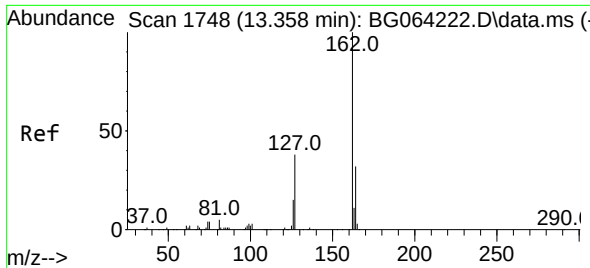


#46
1,1'-Biphenyl
Concen: 48.708 ng
RT: 13.310 min Scan# 1740
Delta R.T. -0.007 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00



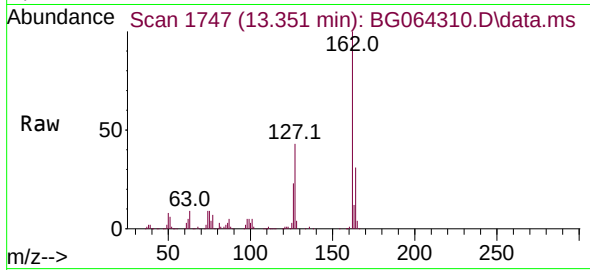
Tgt Ion:154 Resp: 310520
Ion Ratio Lower Upper
154 100
153 39.3 19.9 59.9
76 9.2 0.0 30.9





#47
2-Chloronaphthalene
Concen: 44.036 ng
RT: 13.351 min Scan# 1747
Delta R.T. -0.007 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

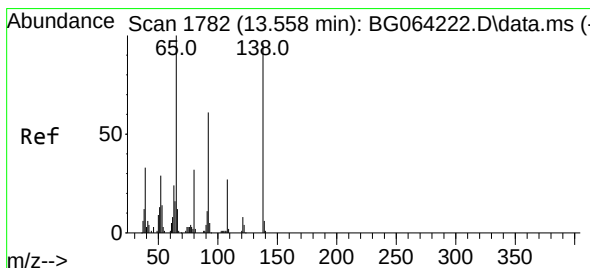
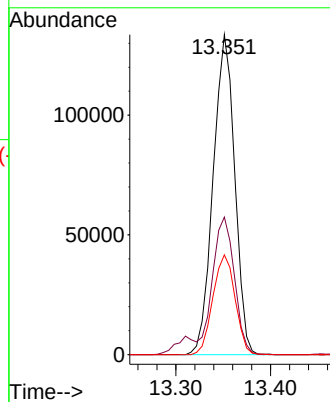
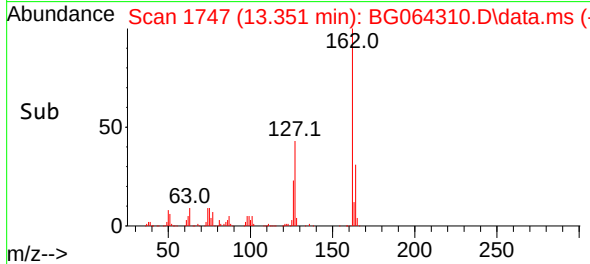
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MS



Tgt Ion:162 Resp: 211051
Ion Ratio Lower Upper
162 100
127 43.0 33.9 50.9
164 31.2 25.4 38.2

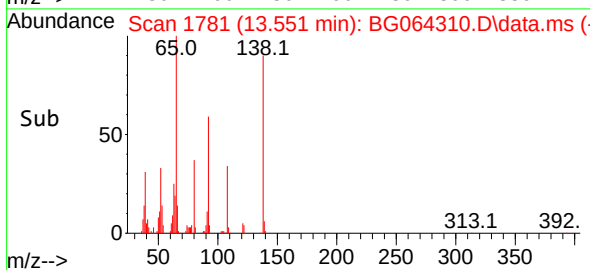
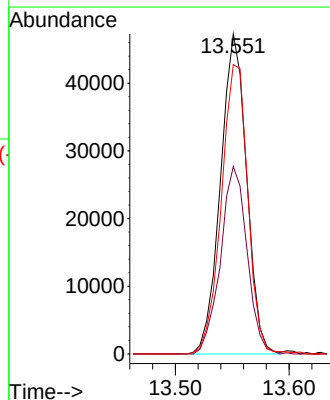
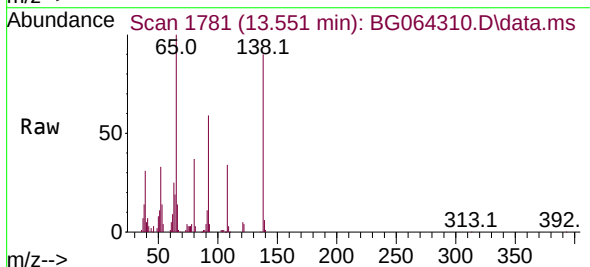
Manual Integrations
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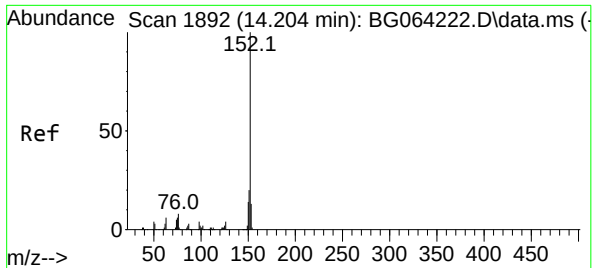
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#48
2-Nitroaniline
Concen: 46.201 ng
RT: 13.551 min Scan# 1781
Delta R.T. -0.013 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

Tgt Ion: 65 Resp: 75472
Ion Ratio Lower Upper
65 100
92 58.5 49.2 73.8
138 90.4 76.8 115.2





#49

Acenaphthylene

Concen: 50.494 ng

RT: 14.197 min Scan# 1891

Delta R.T. -0.007 min

Lab File: BG064310.D

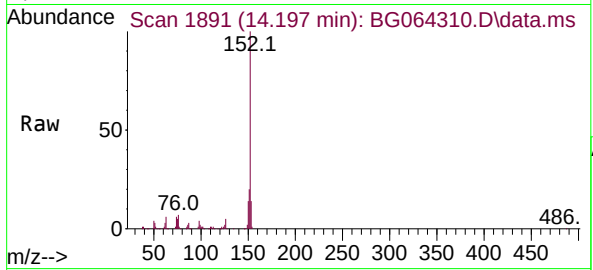
Acq: 8 Sep 2025 17:00

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-1MS



Tgt Ion:152 Resp: 35774

Ion Ratio Lower Upper

152 100

151 19.7 16.2 24.2

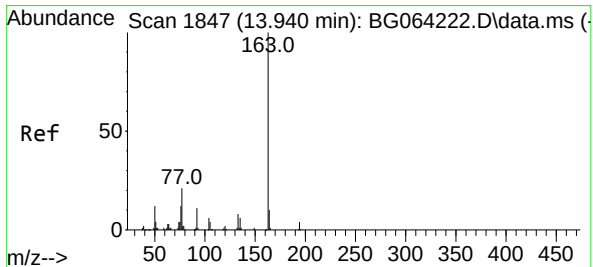
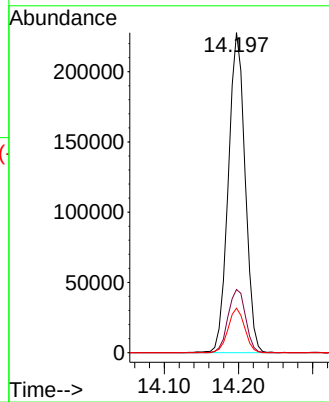
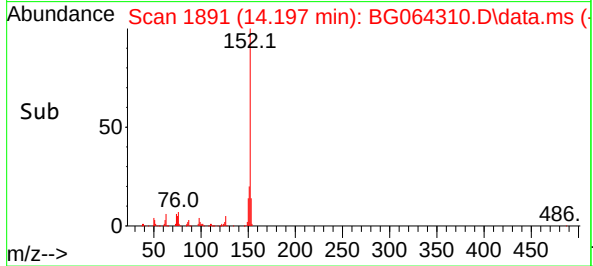
153 13.9 10.1 15.1

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Reviewed By :Rahul Chavli 09/09/2025

Supervised By :Jagrut Upadhyay 09/09/2025



#50

Dimethylphthalate

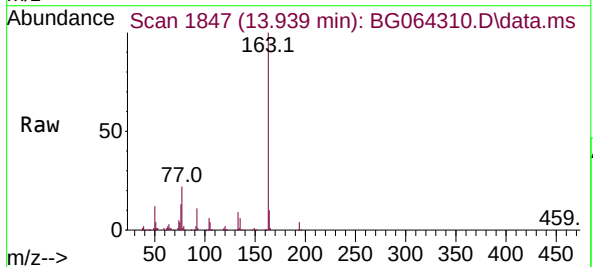
Concen: 41.039 ng

RT: 13.939 min Scan# 1847

Delta R.T. -0.007 min

Lab File: BG064310.D

Acq: 8 Sep 2025 17:00



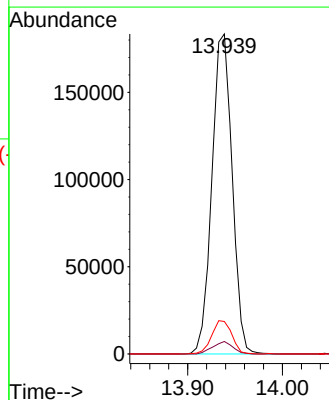
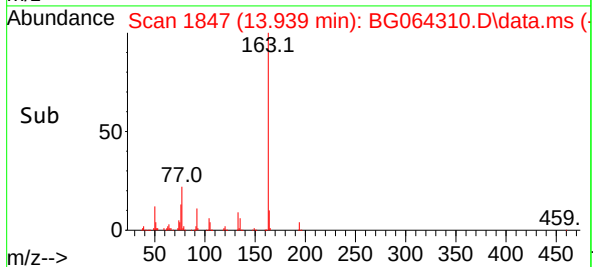
Tgt Ion:163 Resp: 271891

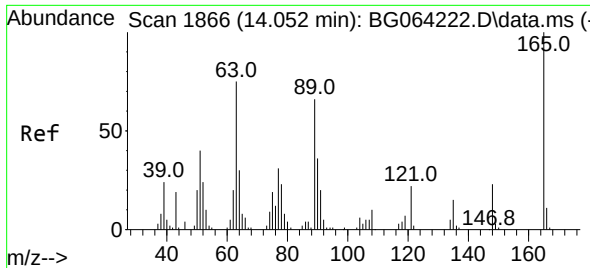
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

164 10.1 7.9 11.9





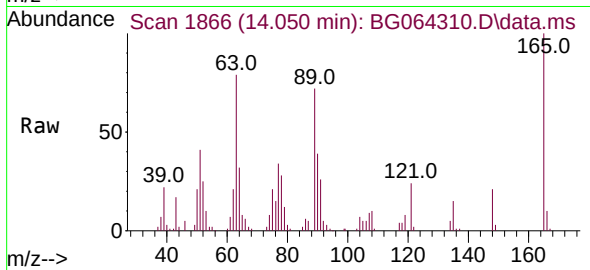
#51
2,6-Dinitrotoluene
Concen: 49.954 ng
RT: 14.050 min Scan# 1866
Delta R.T. -0.007 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-1MS

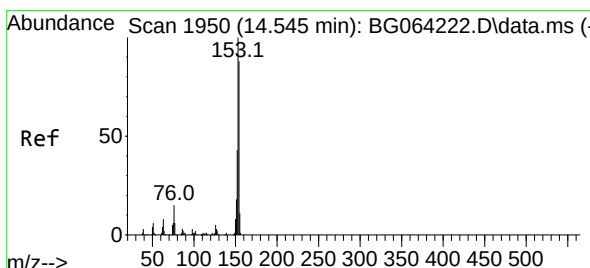
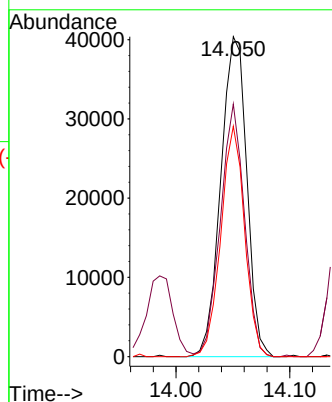
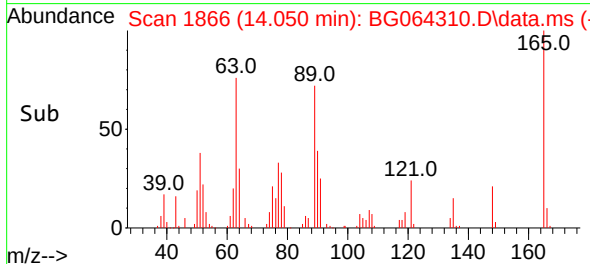


Tgt Ion:165 Resp: 64070
Ion Ratio Lower Upper
165 100
63 78.9 60.3 90.5
89 72.0 52.9 79.3

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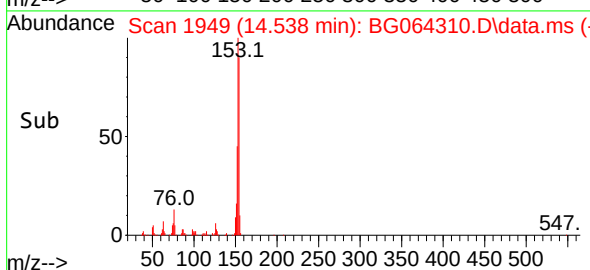
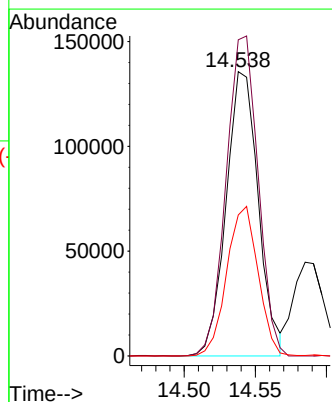
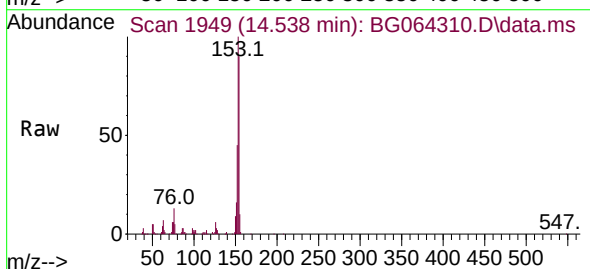
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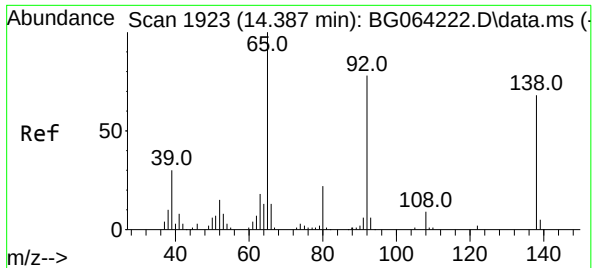
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#52
Acenaphthene
Concen: 42.738 ng
RT: 14.538 min Scan# 1949
Delta R.T. -0.013 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

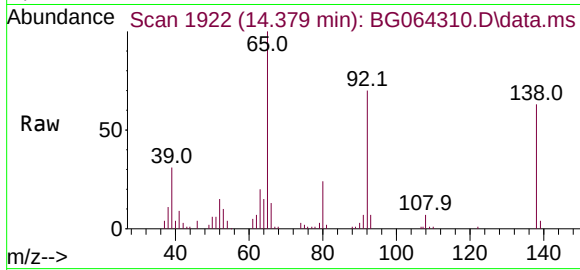
Tgt Ion:154 Resp: 213682
Ion Ratio Lower Upper
154 100
153 111.2 91.1 136.7
152 49.6 39.6 59.4





#53
3-Nitroaniline
Concen: 26.050 ng
RT: 14.379 min Scan# 1922
Delta R.T. -0.007 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

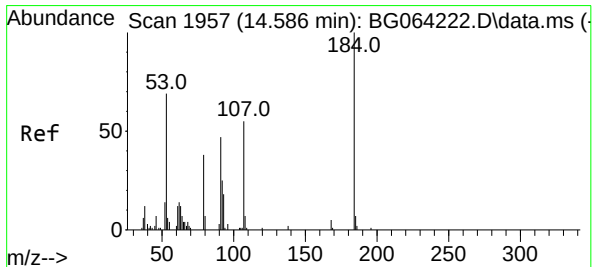
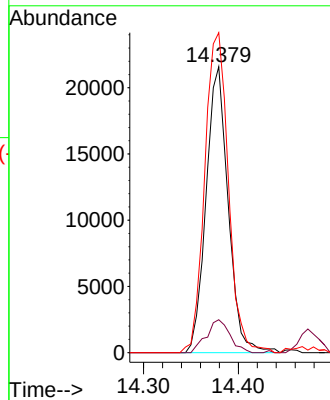
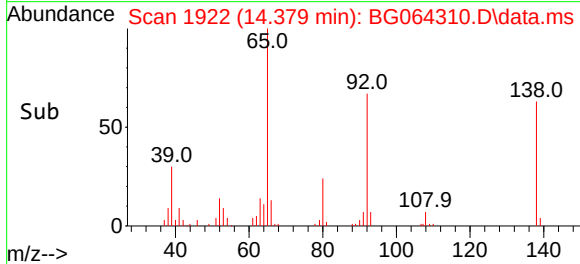
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MS



Tgt Ion:138 Resp: 34998
Ion Ratio Lower Upper
138 100
108 11.5 11.0 16.6
92 112.0 91.4 137.0

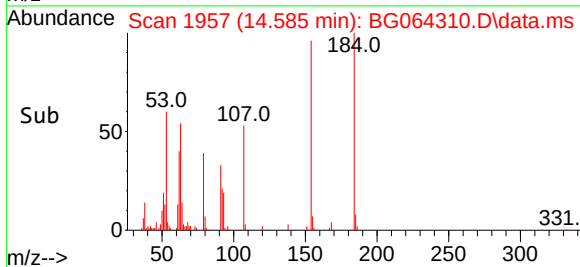
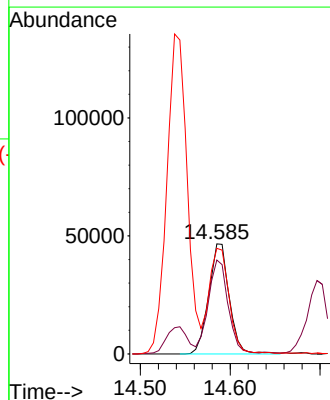
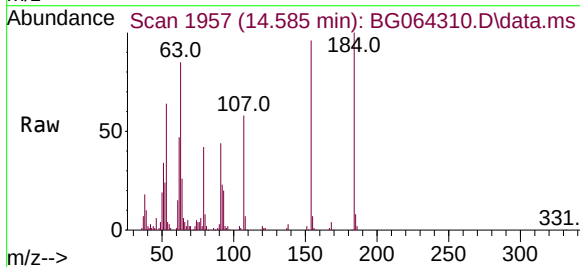
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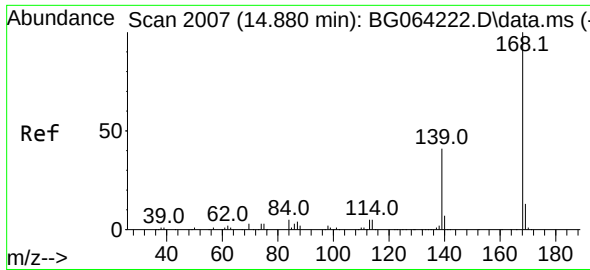
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#54
2,4-Dinitrophenol
Concen: 87.626 ng
RT: 14.585 min Scan# 1957
Delta R.T. -0.007 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

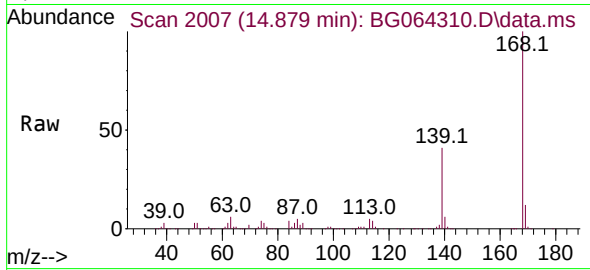
Tgt Ion:184 Resp: 73914
Ion Ratio Lower Upper
184 100
63 85.3 60.1 90.1
154 96.0 59.8 89.8#





#55
Dibenzenofuran
Concen: 45.115 ng
RT: 14.879 min Scan# 2007
Delta R.T. -0.002 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

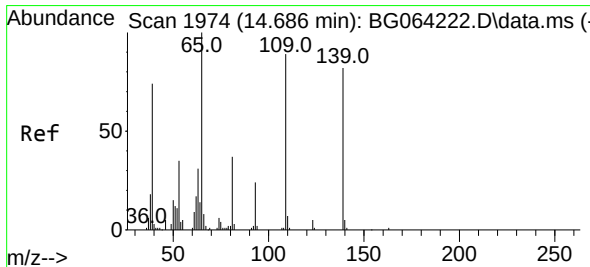
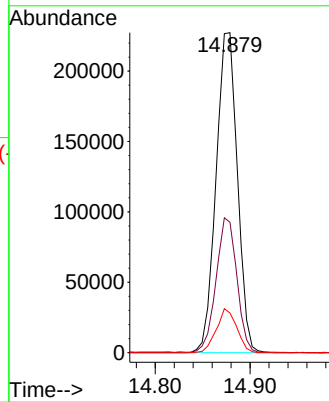
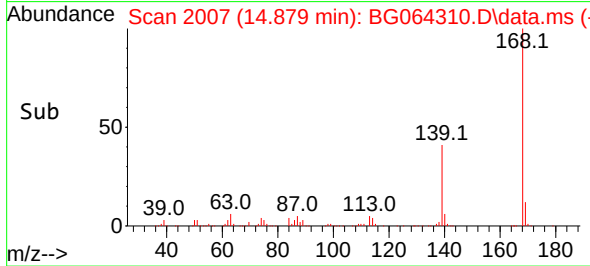
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MS



Tgt Ion:168 Resp: 354798
Ion Ratio Lower Upper
168 100
139 40.7 33.2 49.8
169 12.4 10.4 15.6

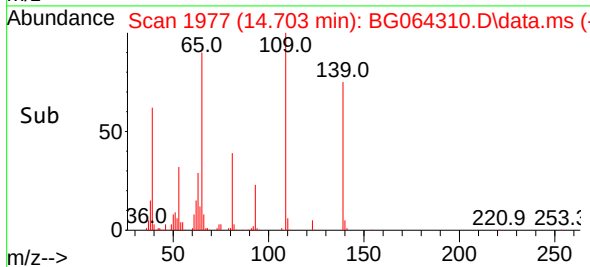
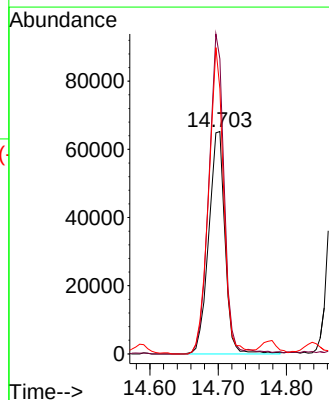
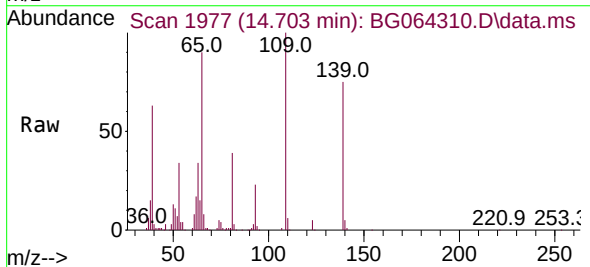
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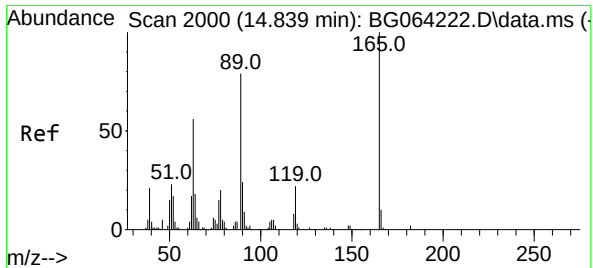
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#56
4-Nitrophenol
Concen: 97.513 ng
RT: 14.703 min Scan# 1977
Delta R.T. 0.004 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

Tgt Ion:139 Resp: 107466
Ion Ratio Lower Upper
139 100
109 132.6 89.1 129.1#
65 119.2 102.9 142.9





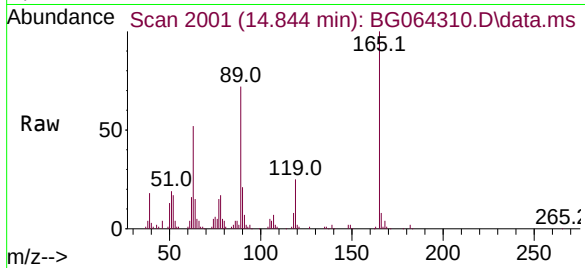
#57
2,4-Dinitrotoluene
Concen: 48.973 ng
RT: 14.844 min Scan# 2000
Delta R.T. -0.002 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-1MS

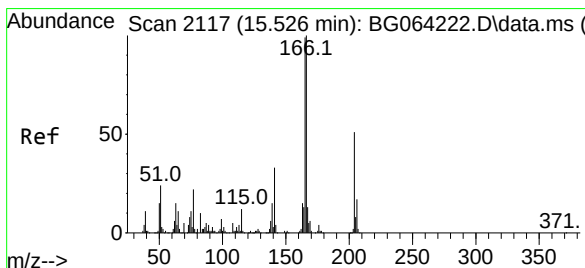
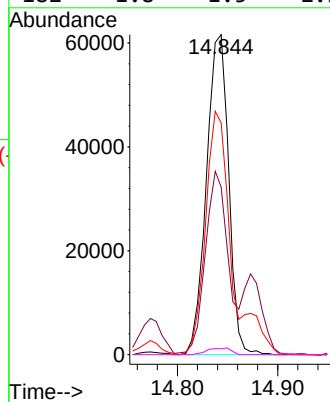
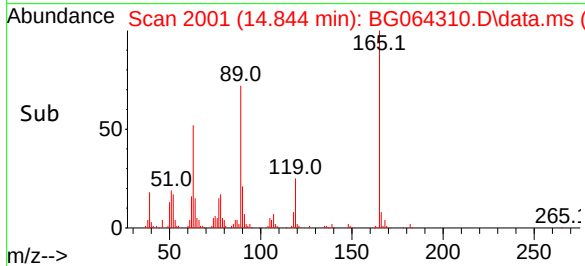


Tgt Ion:165 Resp: 94972
Ion Ratio Lower Upper
165 100
63 52.3 44.6 67.0
89 72.4 63.0 94.4
182 1.8 1.5 2.3

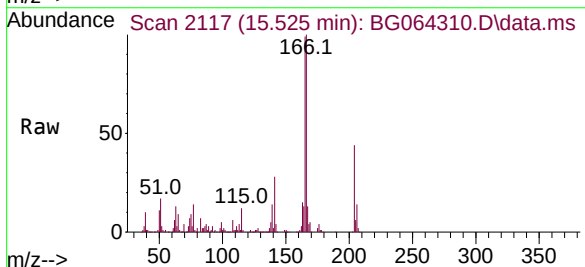
Manual Integrations

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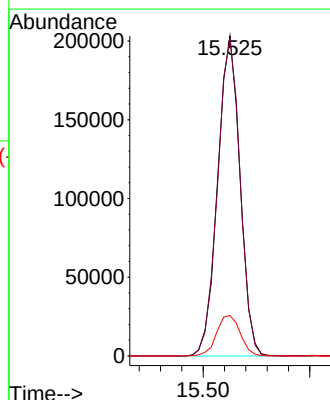
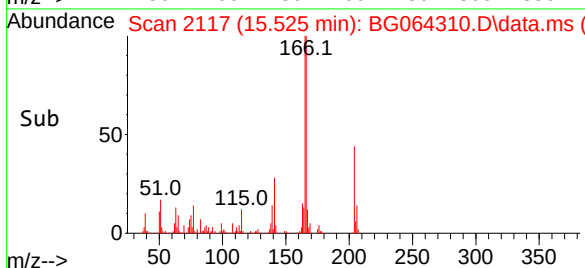
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025

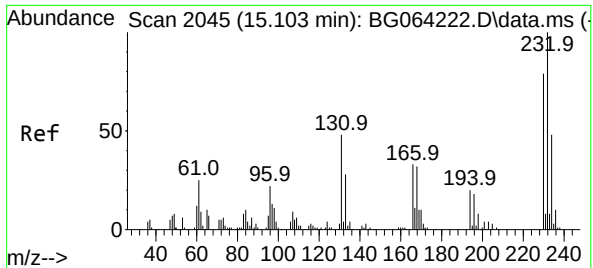


#58
Fluorene
Concen: 46.009 ng
RT: 15.525 min Scan# 2117
Delta R.T. -0.007 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00



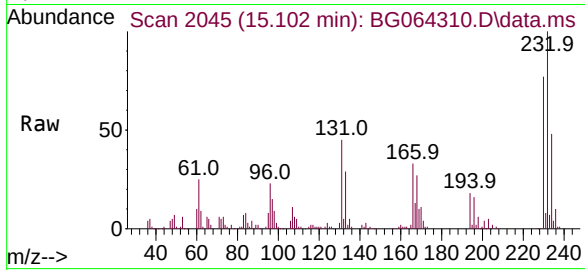
Tgt Ion:166 Resp: 296561
Ion Ratio Lower Upper
166 100
165 99.2 79.1 118.7
167 12.6 10.2 15.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.444 ng
RT: 15.102 min Scan# 2045
Delta R.T. -0.007 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

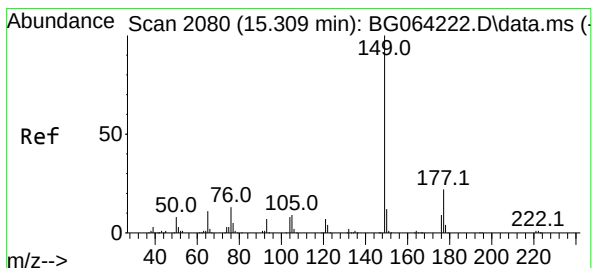
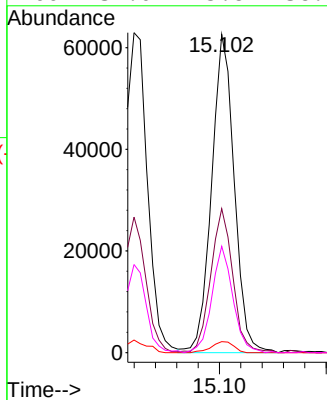
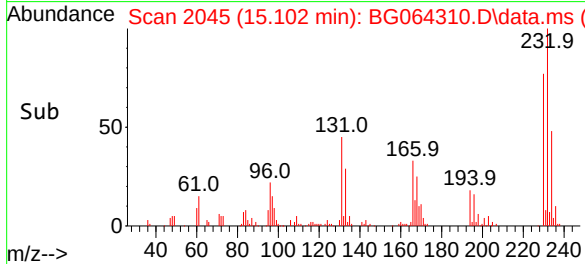
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MS



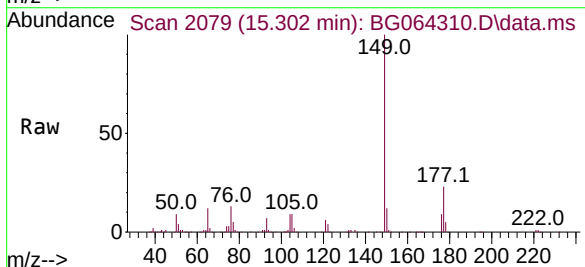
Tgt Ion:232 Resp: 92362
Ion Ratio Lower Upper
232 100
131 44.0 37.1 55.7
130 3.4 2.6 3.8
166 31.0 25.8 38.6

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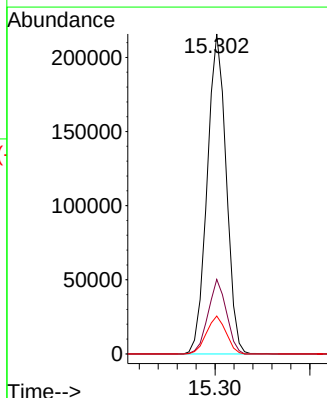
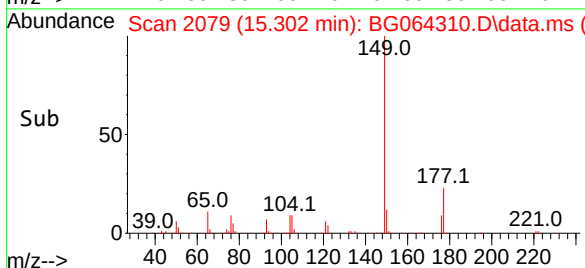
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025

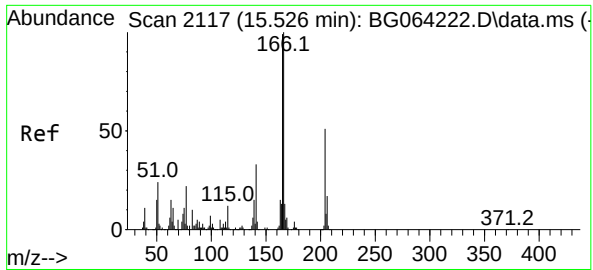


#60
Diethylphthalate
Concen: 42.460 ng
RT: 15.302 min Scan# 2079
Delta R.T. -0.013 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00



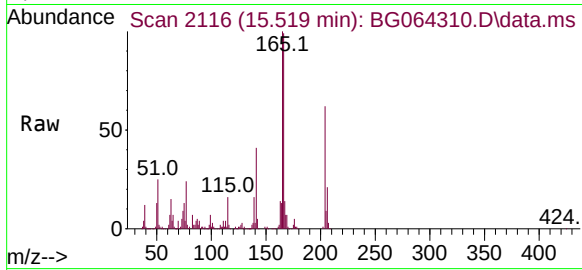
Tgt Ion:149 Resp: 301053
Ion Ratio Lower Upper
149 100
177 23.3 17.5 26.3
150 11.9 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 46.226 ng
RT: 15.519 min Scan# 2116
Delta R.T. -0.007 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

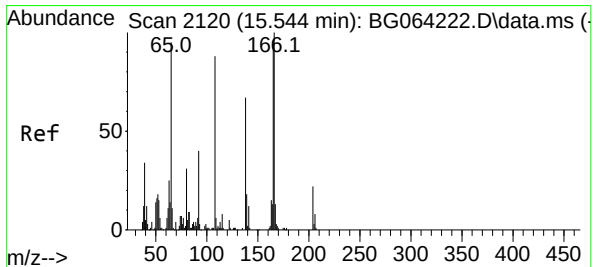
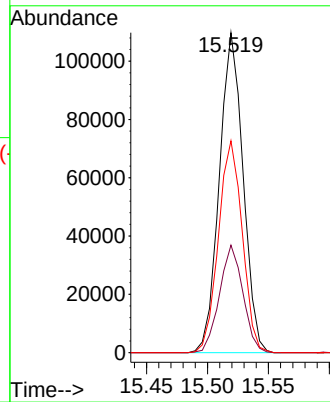
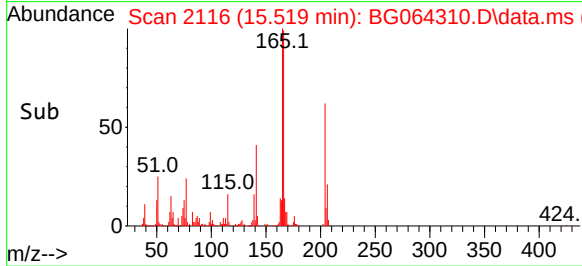
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MS



Tgt Ion:204 Resp: 148559
Ion Ratio Lower Upper
204 100
206 33.6 26.2 39.4
141 66.2 51.9 77.9

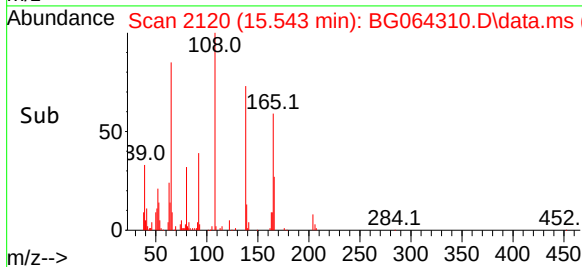
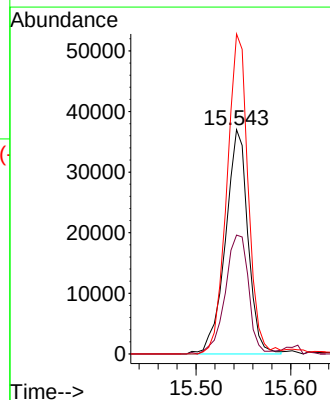
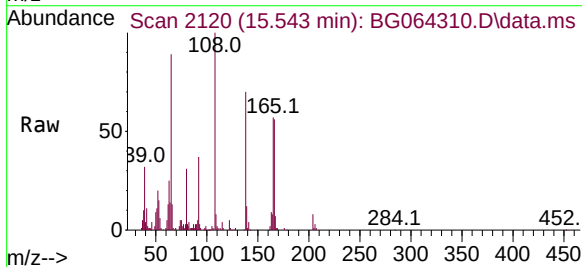
Manual Integrations
APPROVED

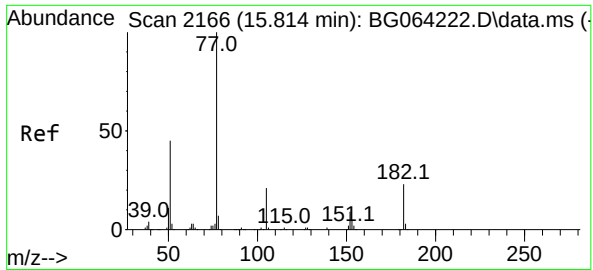
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#62
4-Nitroaniline
Concen: 44.537 ng
RT: 15.543 min Scan# 2120
Delta R.T. -0.013 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

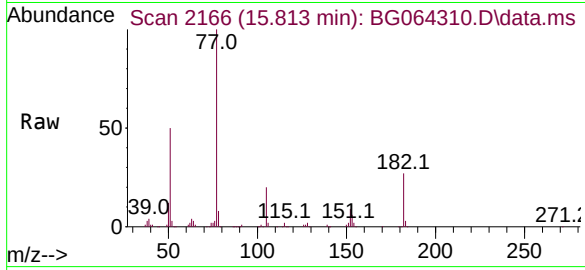
Tgt Ion:138 Resp: 61057
Ion Ratio Lower Upper
138 100
92 53.0 39.1 79.1
108 142.7 111.3 151.3





#63
Azobenzene
Concen: 45.493 ng
RT: 15.813 min Scan# 2166
Delta R.T. -0.007 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

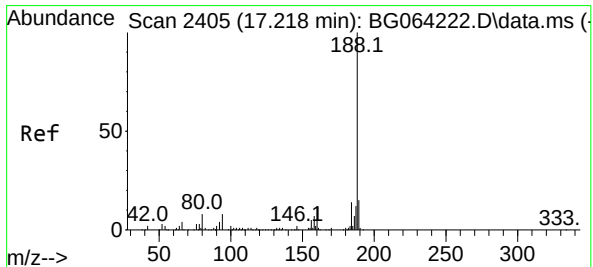
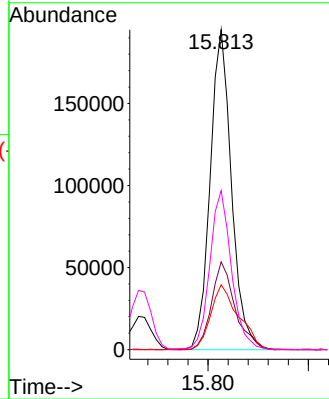
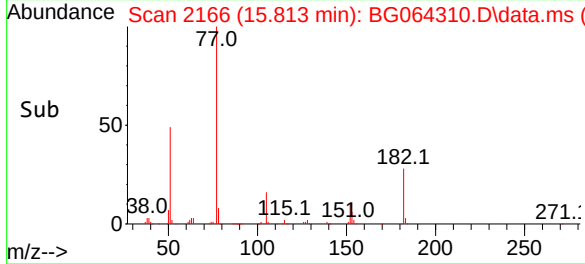
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MS



Tgt Ion: 77 Resp: 287494
Ion Ratio Lower Upper
77 100
182 27.4 3.3 43.3
105 20.3 0.6 40.6
51 49.7 25.3 65.3

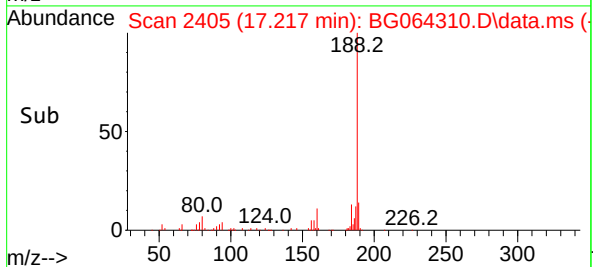
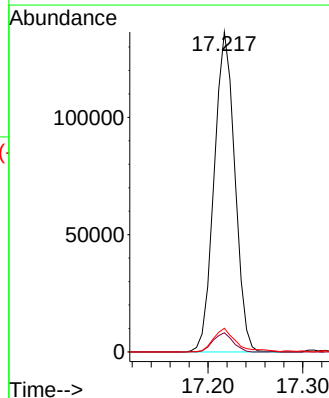
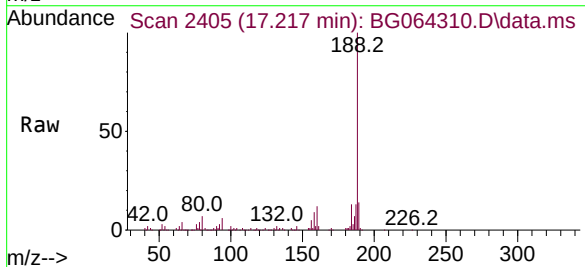
Manual Integrations
APPROVED

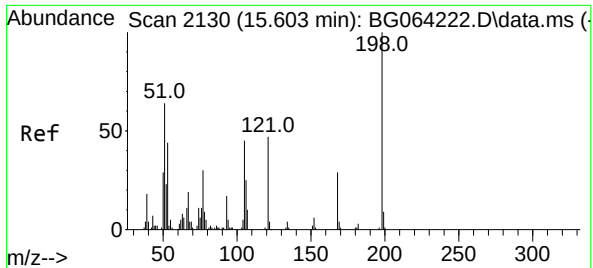
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.217 min Scan# 2405
Delta R.T. -0.007 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

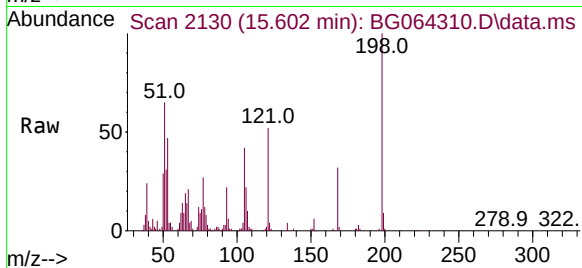
Tgt Ion:188 Resp: 206725
Ion Ratio Lower Upper
188 100
94 6.0 6.2 9.4#
80 7.4 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 48.587 ng
RT: 15.602 min Scan# 2130
Delta R.T. -0.007 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

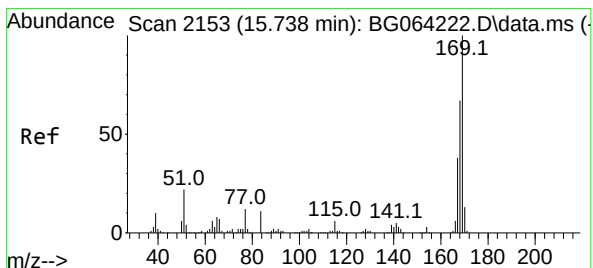
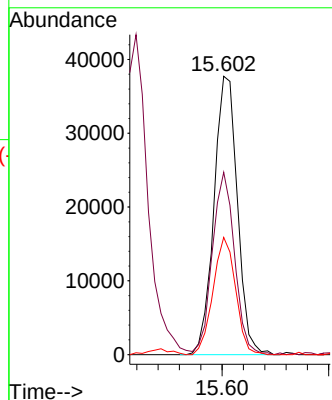
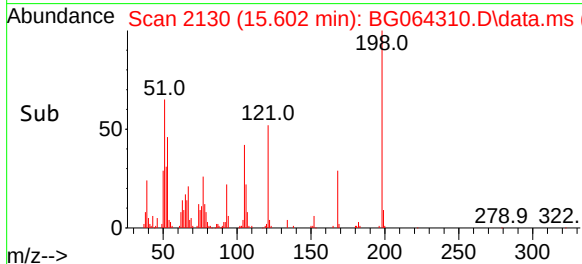
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MS



Tgt Ion:198 Resp: 57666
Ion Ratio Lower Upper
198 100
51 65.5 46.2 86.2
105 42.1 25.0 65.0

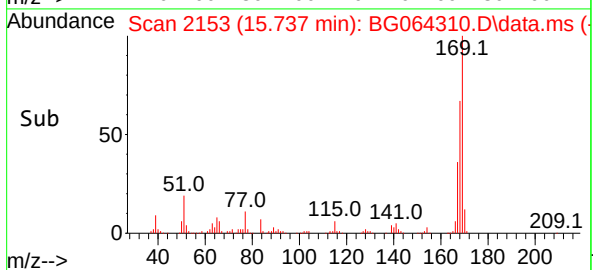
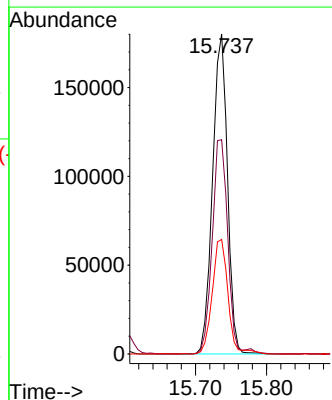
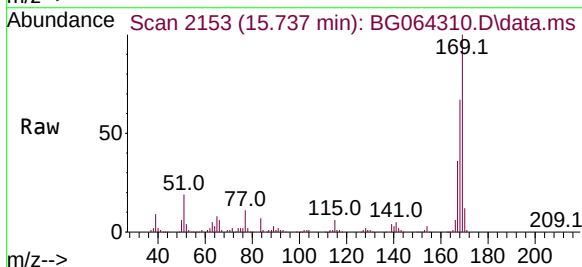
Manual Integrations
APPROVED

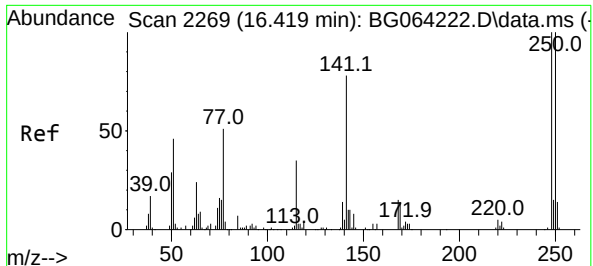
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#66
n-Nitrosodiphenylamine
Concen: 45.976 ng
RT: 15.737 min Scan# 2153
Delta R.T. -0.007 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

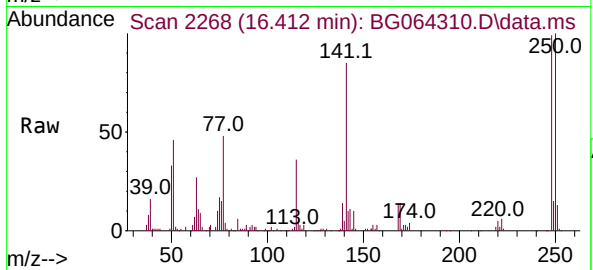
Tgt Ion:169 Resp: 261455
Ion Ratio Lower Upper
169 100
168 66.9 53.8 80.8
167 35.8 30.2 45.2





#67
4-Bromophenyl-phenylether
Concen: 47.809 ng
RT: 16.412 min Scan# 2268
Delta R.T. -0.007 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

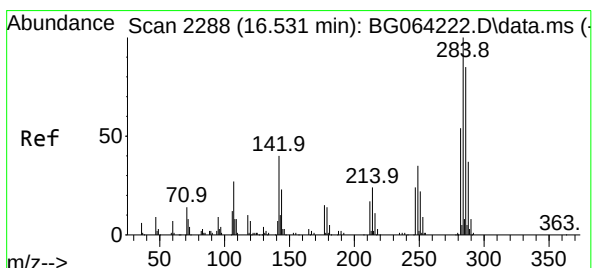
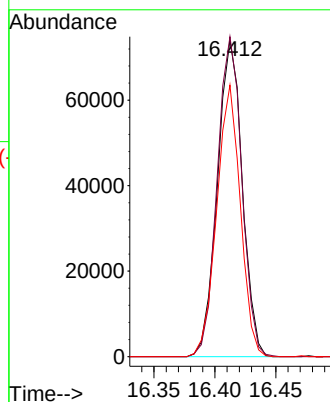
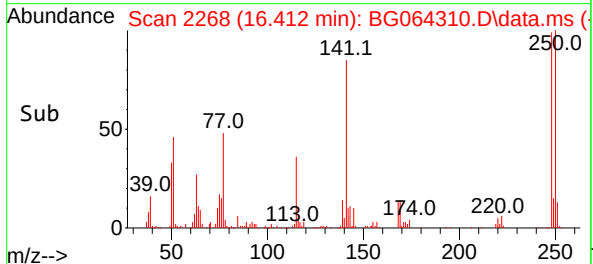
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MS



Tgt Ion:248 Resp: 104973
Ion Ratio Lower Upper
248 100
250 101.1 80.2 120.4
141 85.8 62.4 93.6

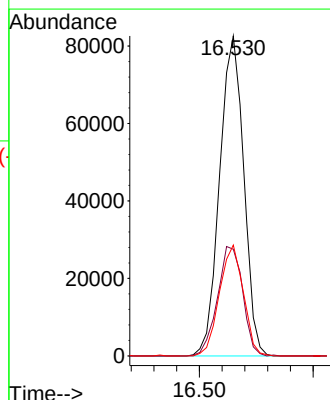
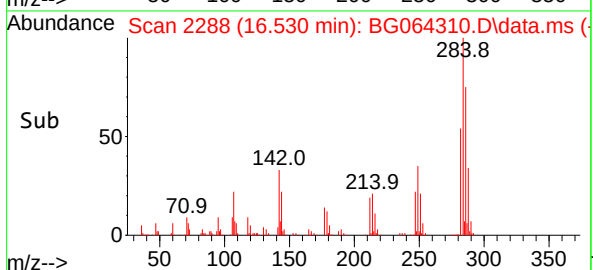
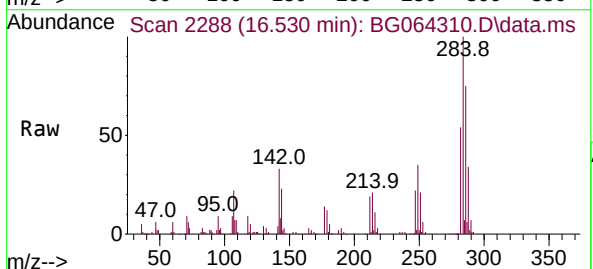
Manual Integrations
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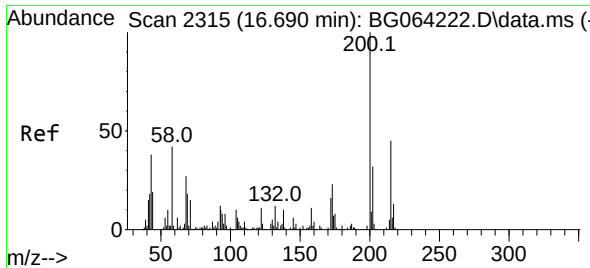
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#68
Hexachlorobenzene
Concen: 49.795 ng
RT: 16.530 min Scan# 2288
Delta R.T. -0.007 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

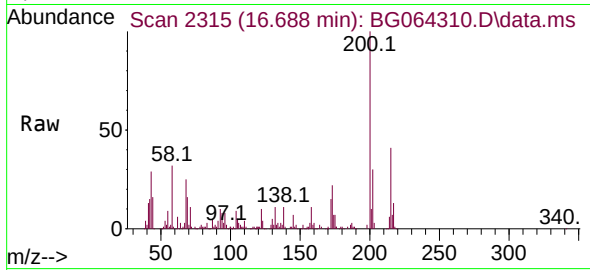
Tgt Ion:284 Resp: 121414
Ion Ratio Lower Upper
284 100
142 33.3 32.1 48.1
249 34.6 28.3 42.5





#69
Atrazine
Concen: 49.577 ng
RT: 16.688 min Scan# 2315
Delta R.T. -0.007 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

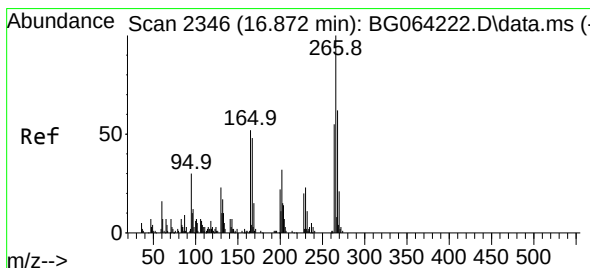
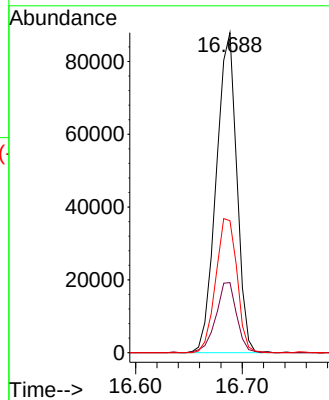
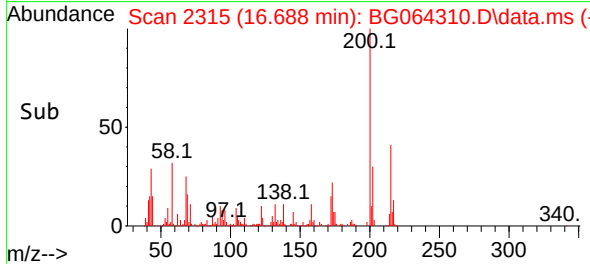
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MS



Tgt Ion:200 Resp: 117720
Ion Ratio Lower Upper
200 100
173 21.9 3.5 43.5
215 41.3 24.8 64.8

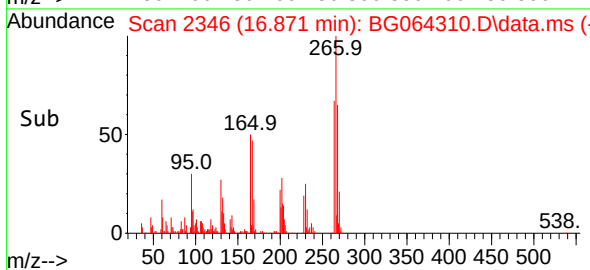
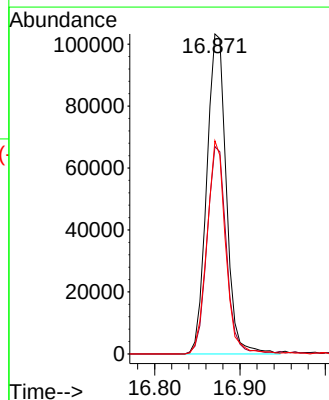
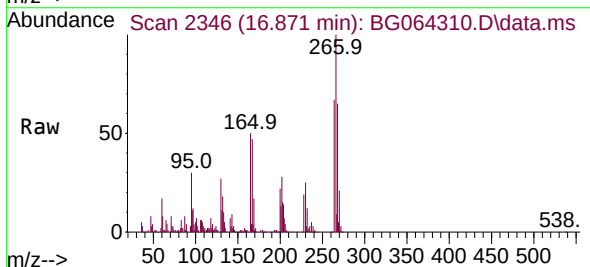
Manual Integrations
APPROVED

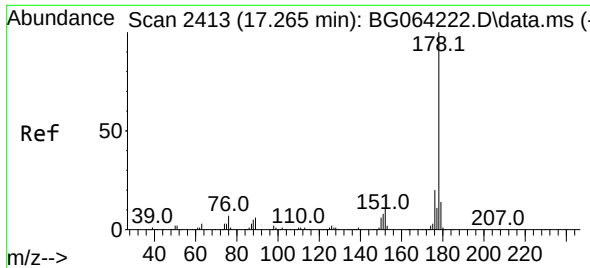
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#70
Pentachlorophenol
Concen: 111.000 ng
RT: 16.871 min Scan# 2346
Delta R.T. -0.007 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

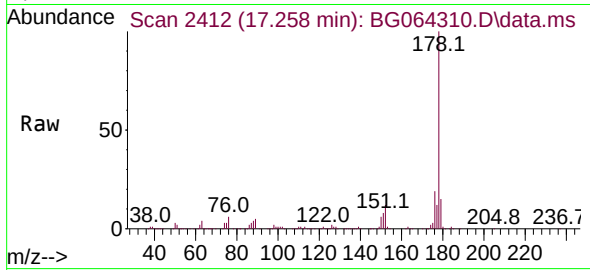
Tgt Ion:266 Resp: 164105
Ion Ratio Lower Upper
266 100
268 64.8 49.4 74.0
264 66.6 44.3 66.5#





#71
Phenanthrene
Concen: 46.361 ng
RT: 17.258 min Scan# 2413
Delta R.T. -0.007 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

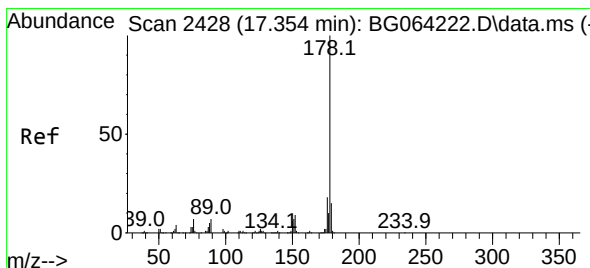
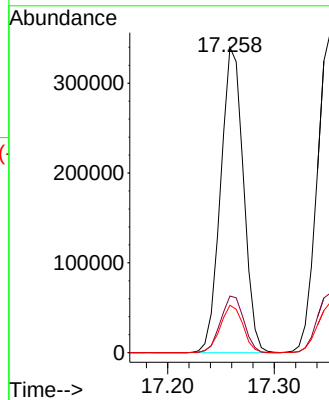
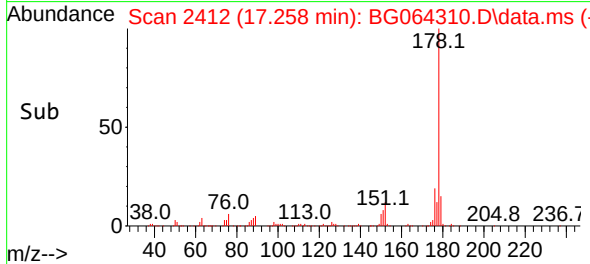
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MS



Tgt Ion:178 Resp: 505490
Ion Ratio Lower Upper
178 100
176 18.5 15.9 23.9
179 15.5 11.4 17.2

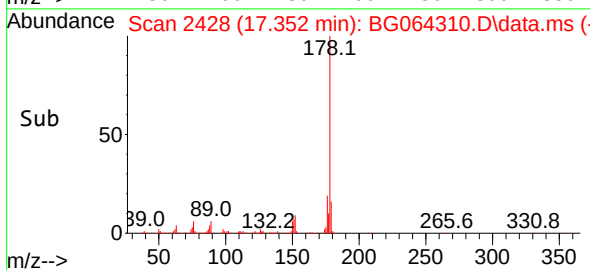
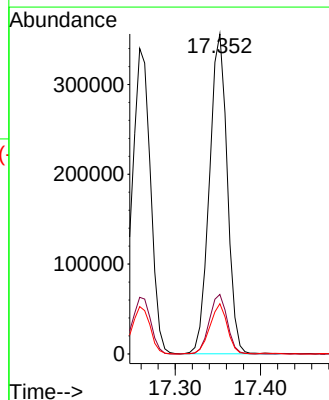
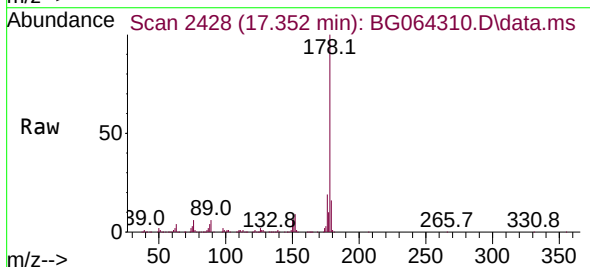
Manual Integrations
APPROVED

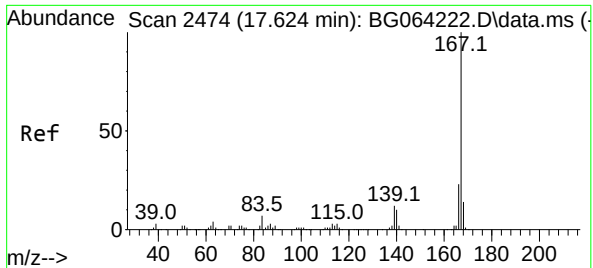
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#72
Anthracene
Concen: 46.553 ng
RT: 17.352 min Scan# 2428
Delta R.T. -0.007 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

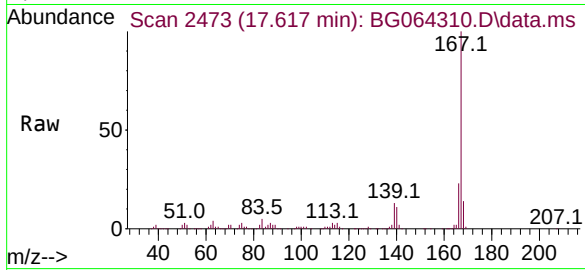
Tgt Ion:178 Resp: 516321
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.7 12.1 18.1





#73
 Carbazole
 Concen: 47.876 ng
 RT: 17.617 min Scan# 2473
 Delta R.T. -0.007 min
 Lab File: BG064310.D
 Acq: 8 Sep 2025 17:00

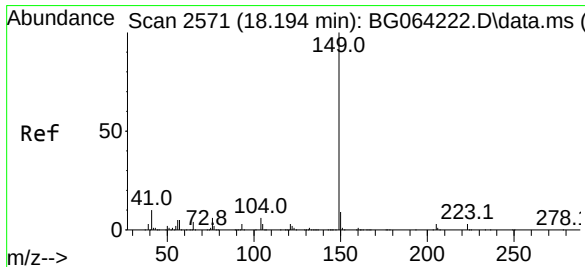
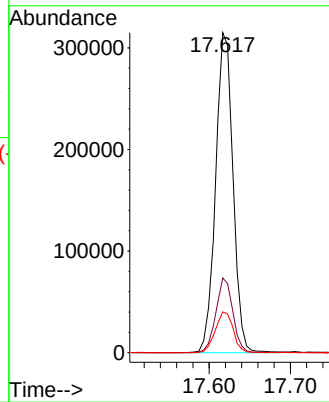
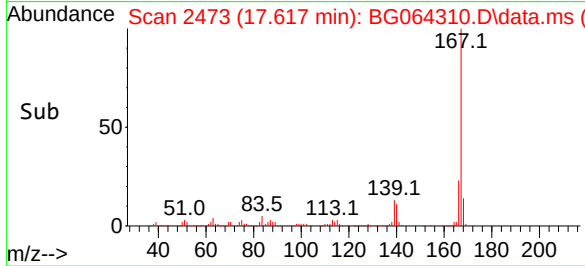
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PILE-1MS



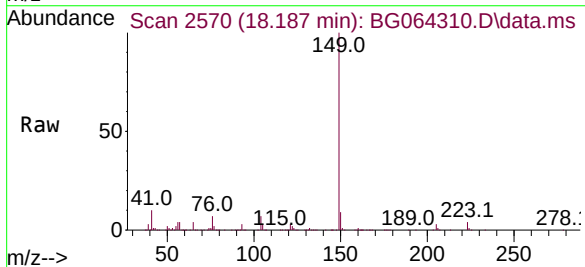
Tgt Ion:167 Resp: 467776
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.2 27.2
 139 12.7 9.8 14.6

Manual Integrations
 APPROVED

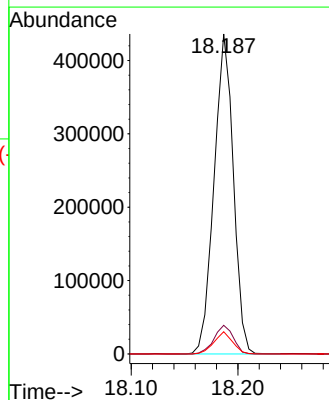
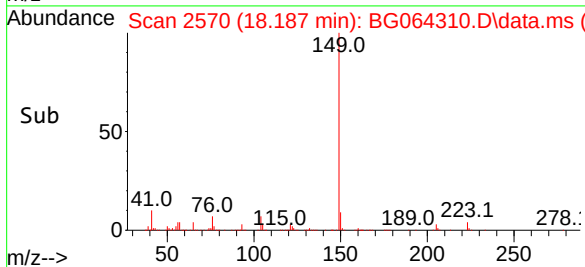
Reviewed By :Rahul Chavli 09/09/2025
 Supervised By :Jagrut Upadhyay 09/09/2025

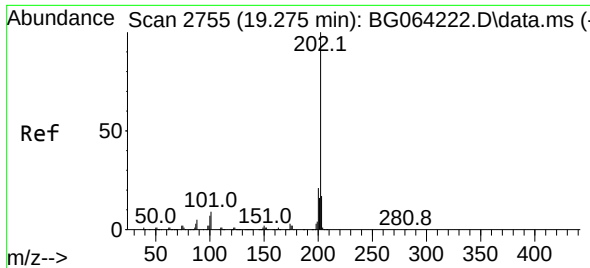


#74
 Di-n-butylphthalate
 Concen: 46.765 ng
 RT: 18.187 min Scan# 2570
 Delta R.T. -0.007 min
 Lab File: BG064310.D
 Acq: 8 Sep 2025 17:00



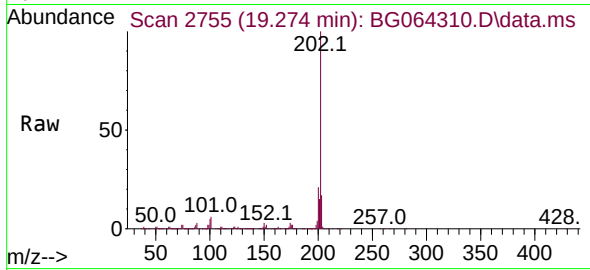
Tgt Ion:149 Resp: 548947
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.5 11.3
 104 6.9 4.6 7.0





#75
Fluoranthene
Concen: 50.498 ng
RT: 19.274 min Scan# 2755
Delta R.T. -0.002 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

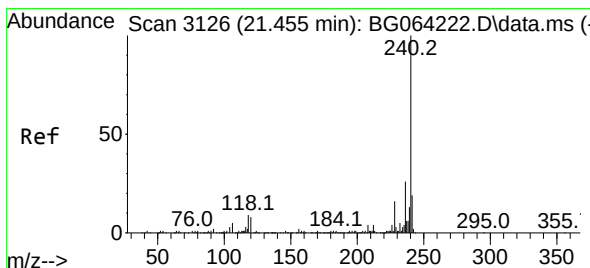
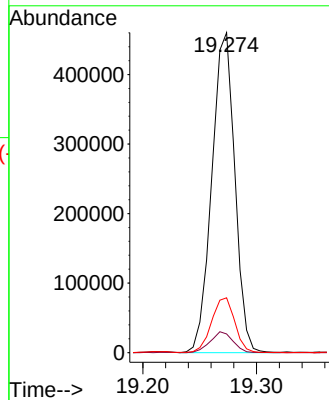
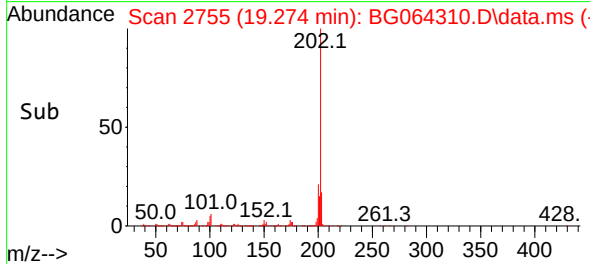
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MS



Tgt Ion:202 Resp: 647405
Ion Ratio Lower Upper
202 100
101 5.8 0.0 28.7
203 17.1 0.0 36.9

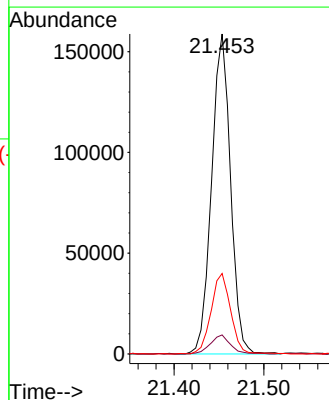
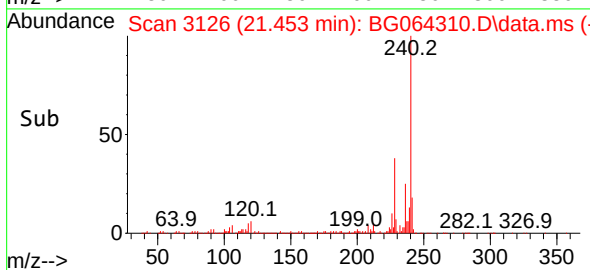
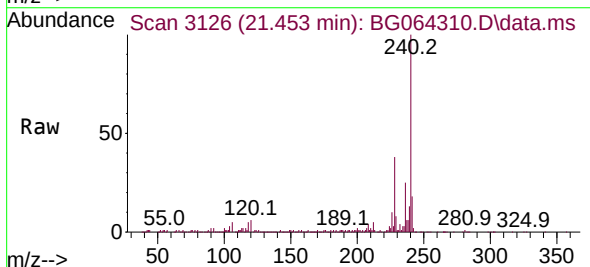
Manual Integrations
APPROVED

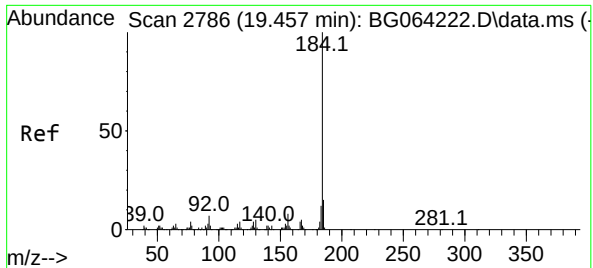
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.453 min Scan# 3126
Delta R.T. -0.002 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

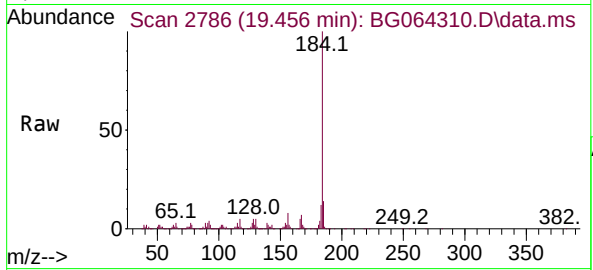
Tgt Ion:240 Resp: 233045
Ion Ratio Lower Upper
240 100
120 5.9 6.2 9.4#
236 25.1 20.5 30.7





#77
Benzidine
Concen: 66.409 ng
RT: 19.456 min Scan# 2786
Delta R.T. -0.002 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

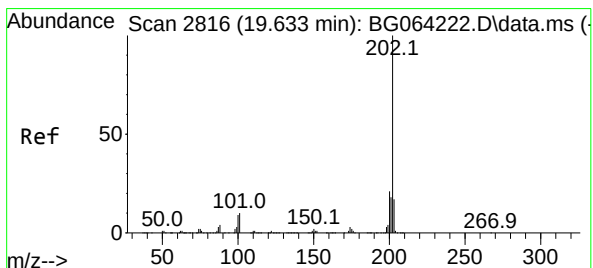
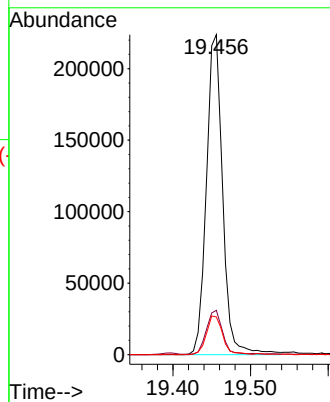
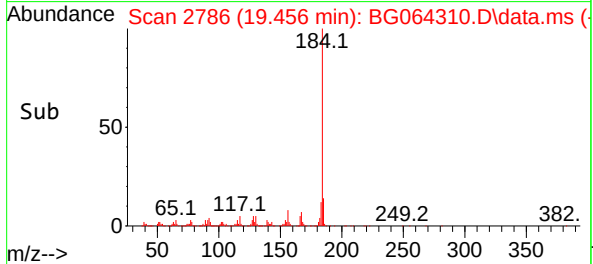
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MS



Tgt Ion:184 Resp: 325569
Ion Ratio Lower Upper
184 100
185 13.8 11.7 17.5
183 11.8 9.7 14.5

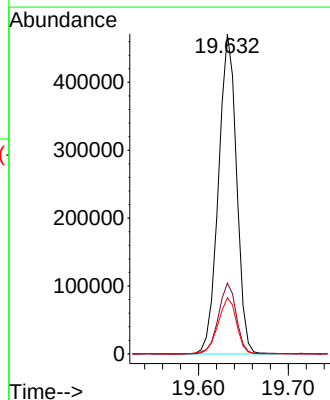
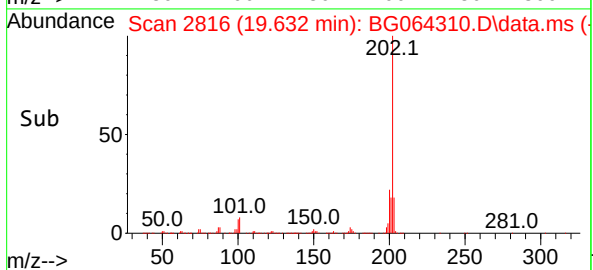
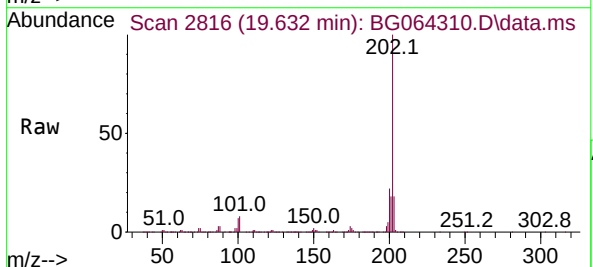
Manual Integrations
APPROVED

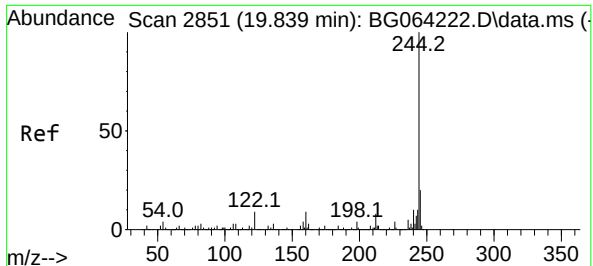
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#78
Pyrene
Concen: 45.064 ng
RT: 19.632 min Scan# 2816
Delta R.T. -0.007 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

Tgt Ion:202 Resp: 661640
Ion Ratio Lower Upper
202 100
200 22.1 16.9 25.3
203 17.6 13.8 20.8





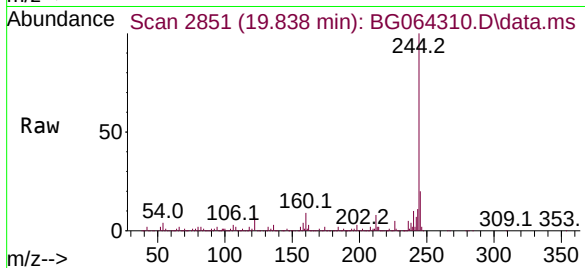
#79
 Terphenyl-d14
 Concen: 72.451 ng
 RT: 19.838 min Scan# 2851
 Delta R.T. -0.007 min
 Lab File: BG064310.D
 Acq: 8 Sep 2025 17:00

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-1MS

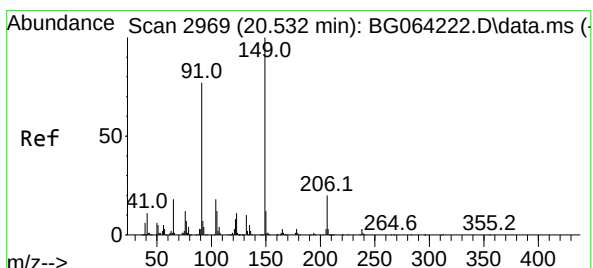
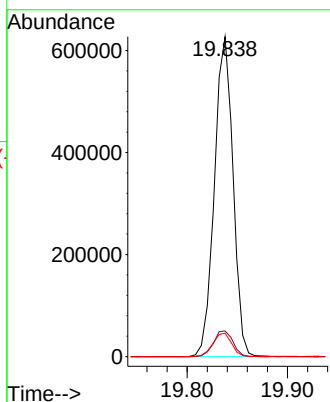
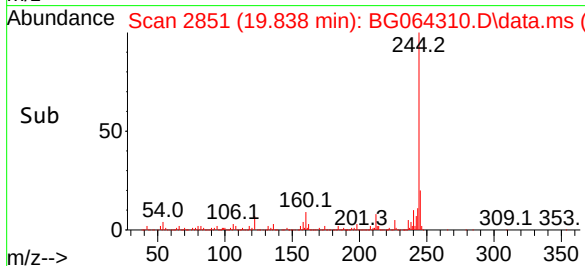


Tgt Ion:244 Resp: 809278
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.6 10.0
 122 7.3 7.0 10.6

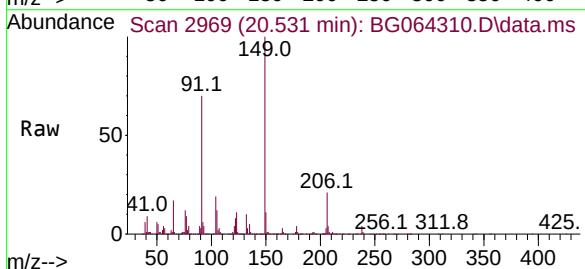
Manual Integrations

APPROVED

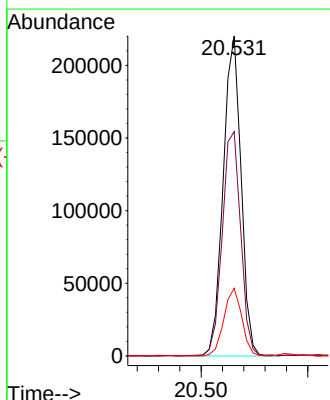
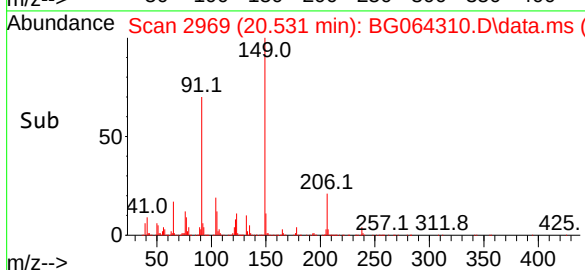
Reviewed By :Rahul Chavli 09/09/2025
 Supervised By :Jagrut Upadhyay 09/09/2025

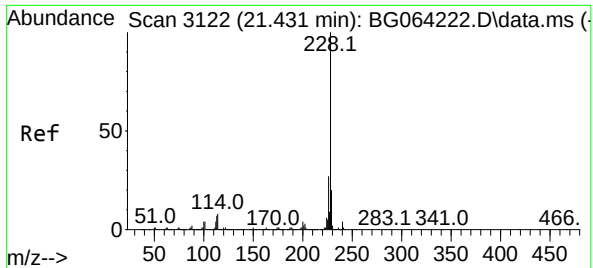


#80
 Butylbenzylphthalate
 Concen: 46.393 ng
 RT: 20.531 min Scan# 2969
 Delta R.T. -0.002 min
 Lab File: BG064310.D
 Acq: 8 Sep 2025 17:00



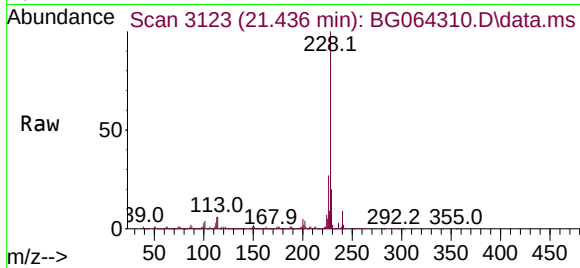
Tgt Ion:149 Resp: 256913
 Ion Ratio Lower Upper
 149 100
 91 70.1 61.4 92.0
 206 21.1 15.8 23.6





#81
Benzo(a)anthracene
Concen: 46.535 ng
RT: 21.436 min Scan# 3122
Delta R.T. -0.002 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

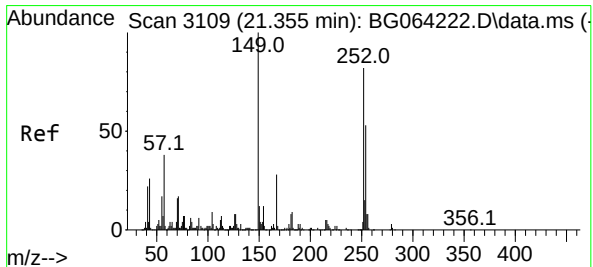
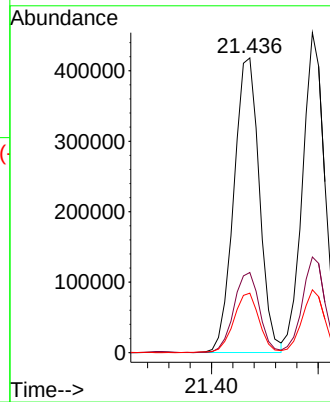
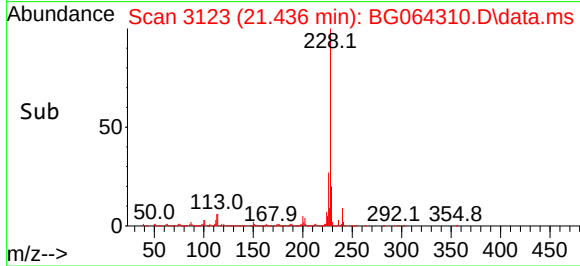
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MS



Tgt Ion:228 Resp: 693804
Ion Ratio Lower Upper
228 100
226 27.2 21.7 32.5
229 20.2 15.9 23.9

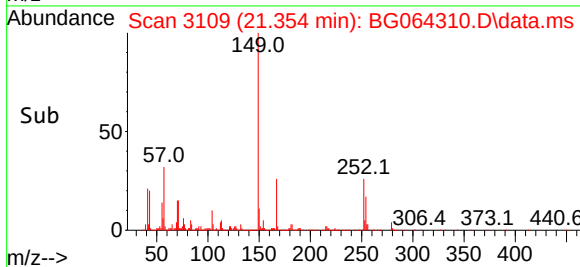
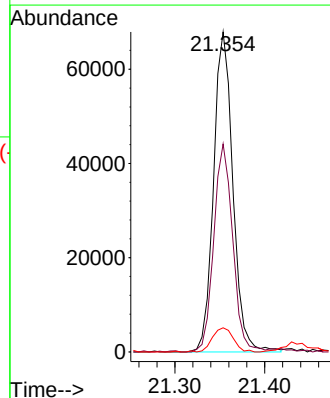
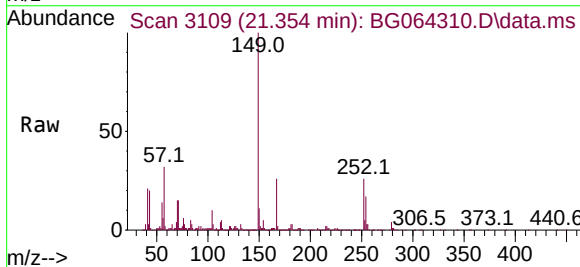
Manual Integrations
APPROVED

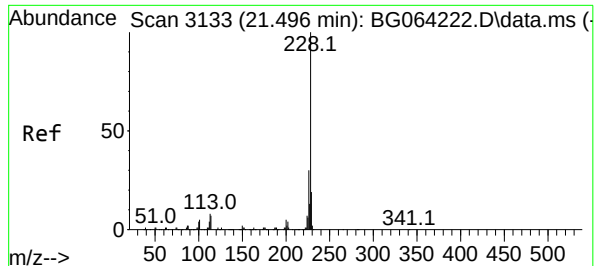
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#82
3,3'-Dichlorobenzidine
Concen: 20.939 ng
RT: 21.354 min Scan# 3109
Delta R.T. -0.007 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

Tgt Ion:252 Resp: 101671
Ion Ratio Lower Upper
252 100
254 65.0 51.9 77.9
126 7.5 7.6 11.4#





#83

Chrysene

Concen: 45.515 ng

RT: 21.495 min Scan# 3133

Delta R.T. -0.007 min

Lab File: BG064310.D

Acq: 8 Sep 2025 17:00

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-1MS

Tgt Ion:228 Resp: 651473

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.2

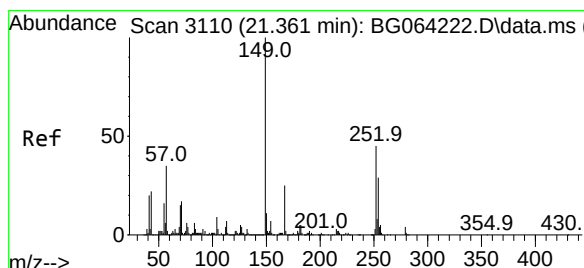
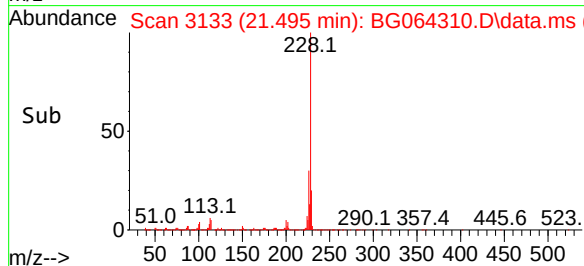
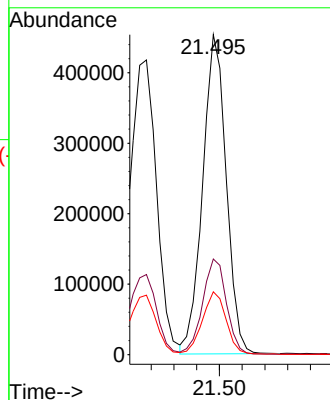
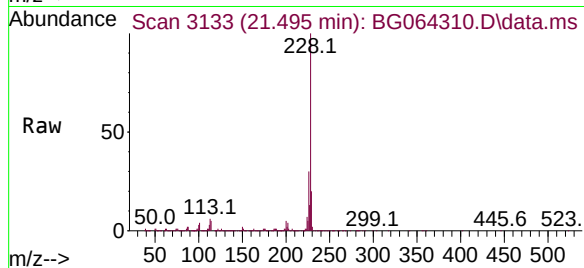
229 19.6 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/09/2025

Supervised By :Jagrut Upadhyay 09/09/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.985 ng

RT: 21.359 min Scan# 3110

Delta R.T. -0.007 min

Lab File: BG064310.D

Acq: 8 Sep 2025 17:00

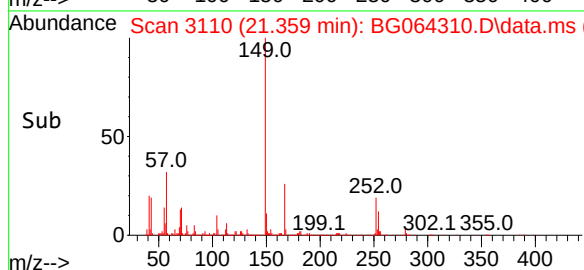
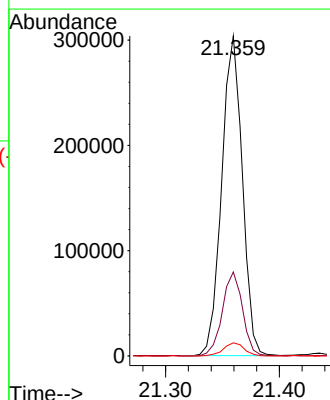
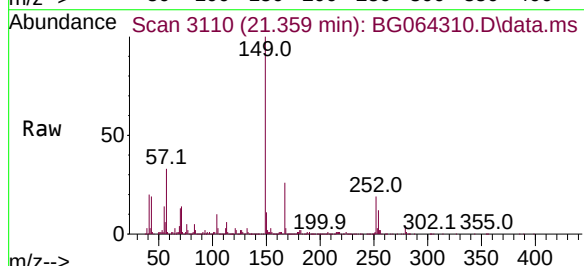
Tgt Ion:149 Resp: 382322

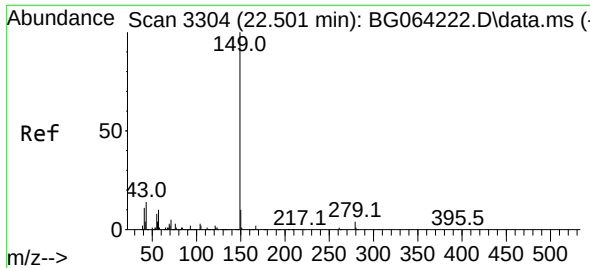
Ion Ratio Lower Upper

149 100

167 26.2 20.0 30.0

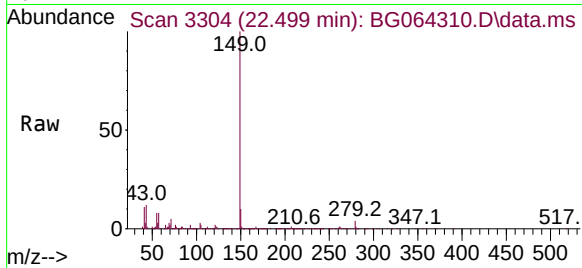
279 4.1 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 44.451 ng
RT: 22.499 min Scan# 3304
Delta R.T. -0.007 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

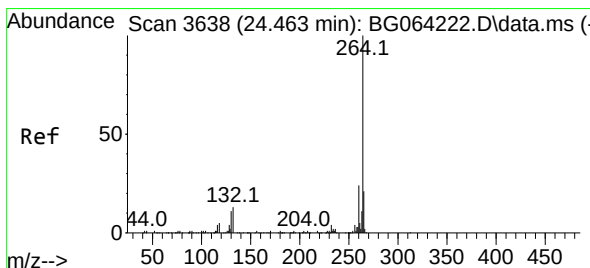
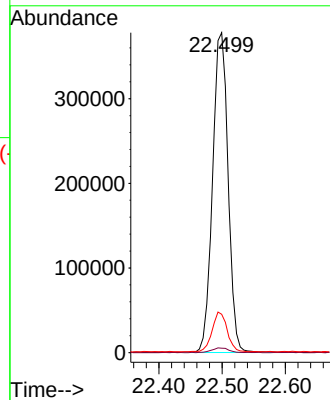
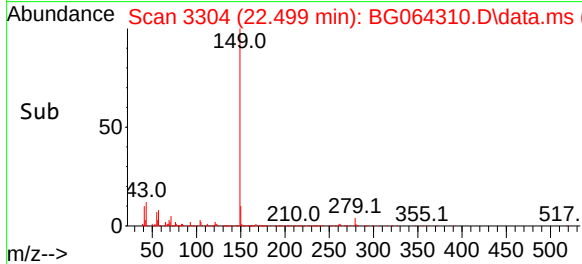
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MS



Tgt Ion:149 Resp: 643938
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 12.1 10.8 16.2

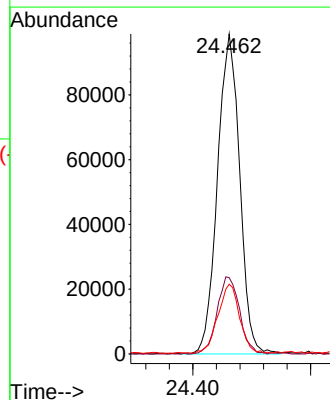
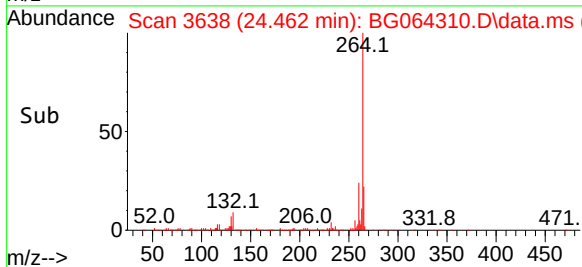
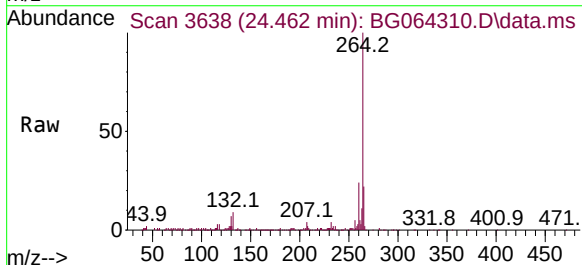
Manual Integrations
APPROVED

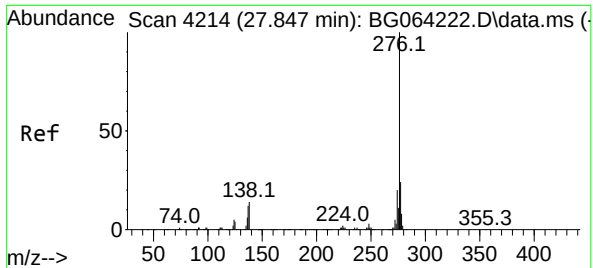
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.462 min Scan# 3638
Delta R.T. -0.002 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

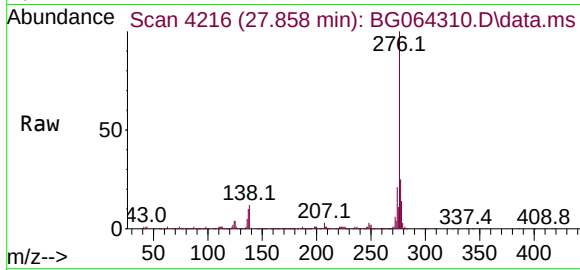
Tgt Ion:264 Resp: 259001
Ion Ratio Lower Upper
264 100
260 23.8 18.9 28.3
265 21.8 16.7 25.1





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.692 ng
 RT: 27.858 min Scan# 4216
 Delta R.T. -0.013 min
 Lab File: BG064310.D
 Acq: 8 Sep 2025 17:00

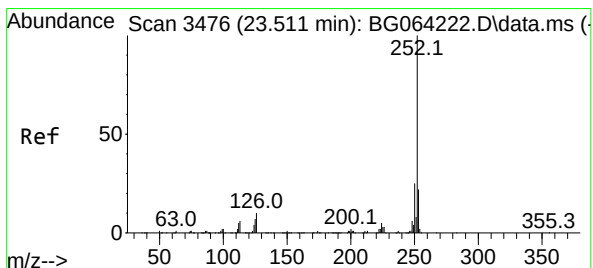
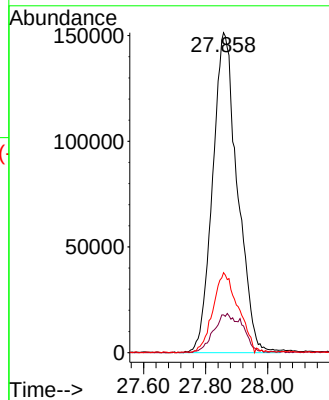
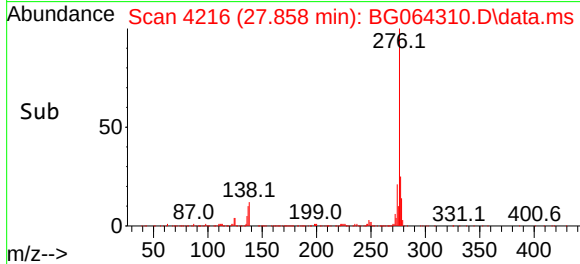
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PILE-1MS



Tgt Ion:276 Resp: 843553
 Ion Ratio Lower Upper
 276 100
 138 6.1 7.4 11.0#
 277 25.3 20.5 30.7

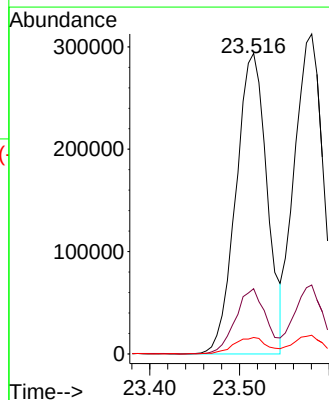
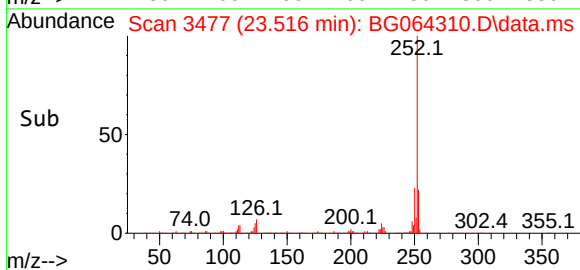
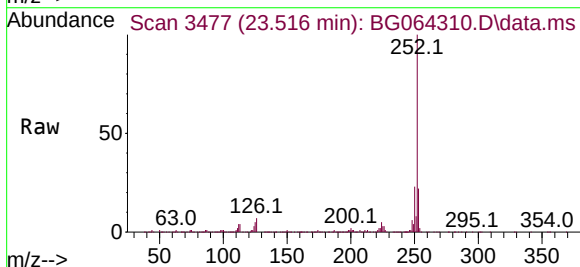
Manual Integrations
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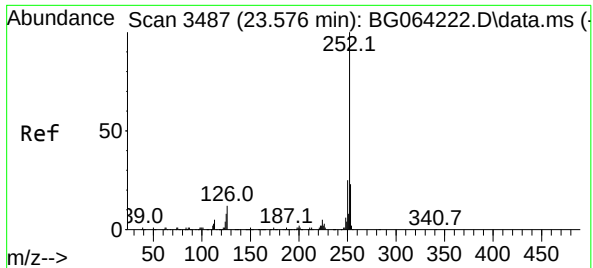
Reviewed By :Rahul Chavli 09/09/2025
 Supervised By :Jagrut Upadhyay 09/09/2025



#88
 Benzo(b)fluoranthene
 Concen: 48.560 ng
 RT: 23.516 min Scan# 3477
 Delta R.T. -0.002 min
 Lab File: BG064310.D
 Acq: 8 Sep 2025 17:00

Tgt Ion:252 Resp: 709832
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.5 26.3
 125 5.4 5.9 8.9#





#89

Benzo(k)fluoranthene

Concen: 46.995 ng

RT: 23.580 min Scan# 3487

Delta R.T. -0.007 min

Lab File: BG064310.D

Acq: 8 Sep 2025 17:00

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-1MS

Tgt Ion:252 Resp: 699859

Ion Ratio Lower Upper

252 100

253 21.5 18.2 27.4

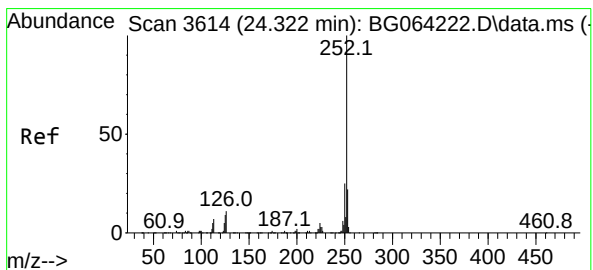
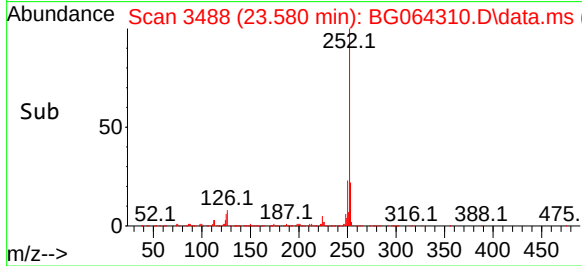
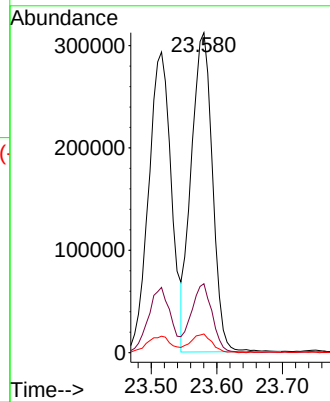
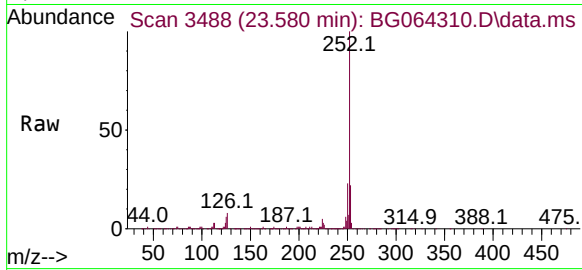
125 5.8 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/09/2025

Supervised By :Jagrut Upadhyay 09/09/2025



#90

Benzo(a)pyrene

Concen: 49.255 ng

RT: 24.327 min Scan# 3615

Delta R.T. -0.002 min

Lab File: BG064310.D

Acq: 8 Sep 2025 17:00

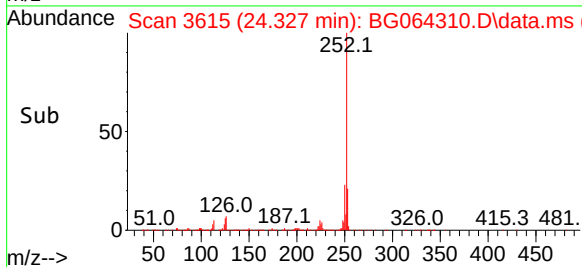
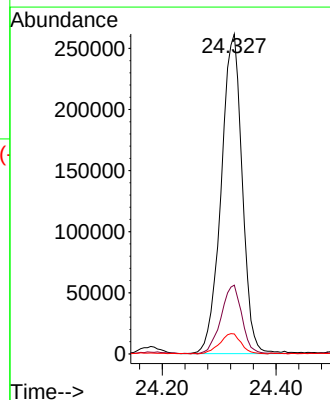
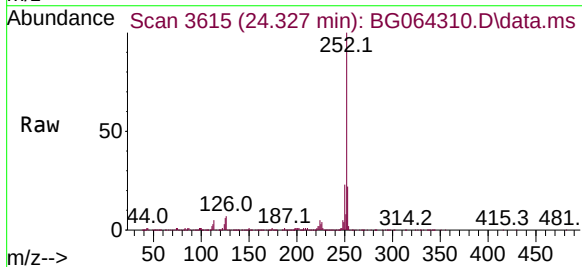
Tgt Ion:252 Resp: 669762

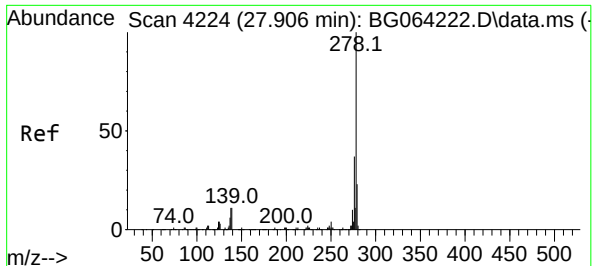
Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

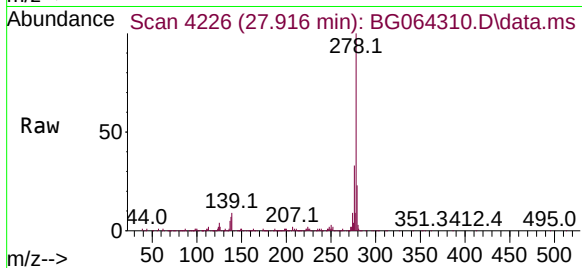
125 6.3 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 47.326 ng
RT: 27.916 min Scan# 4226
Delta R.T. -0.007 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

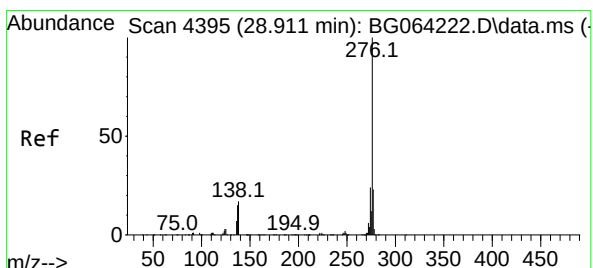
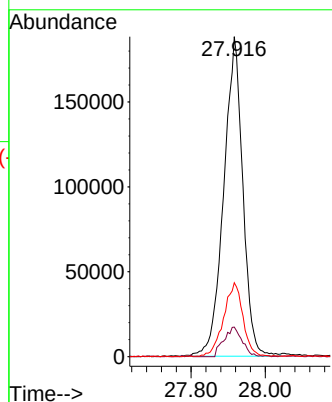
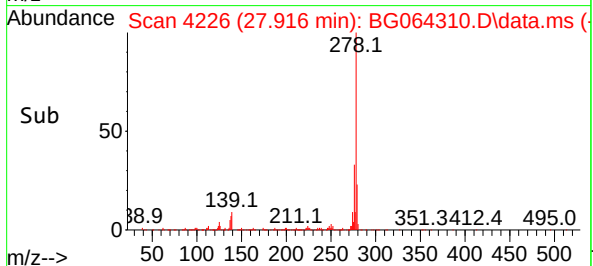
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MS



Tgt Ion:278 Resp: 67210
Ion Ratio Lower Upper
278 100
139 9.2 9.0 13.4
279 23.1 18.8 28.2

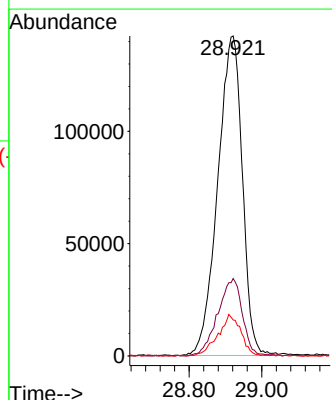
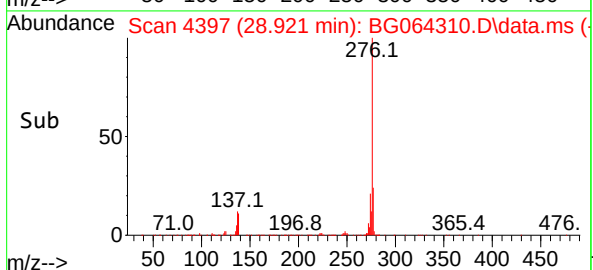
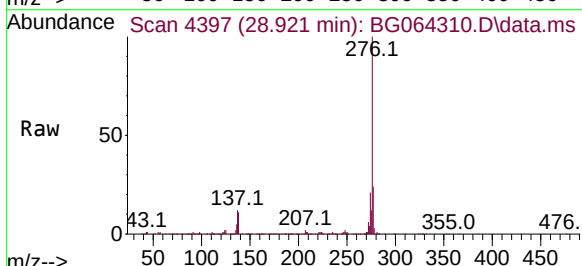
Manual Integrations
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Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#92
Benzo(g,h,i)perylene
Concen: 48.485 ng
RT: 28.921 min Scan# 4397
Delta R.T. -0.013 min
Lab File: BG064310.D
Acq: 8 Sep 2025 17:00

Tgt Ion:276 Resp: 670011
Ion Ratio Lower Upper
276 100
277 24.2 18.2 27.4
138 11.2 13.3 19.9#



Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	09/05/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/05/25
Client Sample ID:	SOIL-PILE-1MSD	SDG No.:	Q3032
Lab Sample ID:	Q3032-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83.1
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064311.D	1	09/08/25 09:30	09/08/25 17:41	PB169593

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1300		190	400	ug/Kg
108-95-2	Phenol	1700		26.6	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		29.2	200	ug/Kg
95-57-8	2-Chlorophenol	1800		29.3	200	ug/Kg
95-48-7	2-Methylphenol	1600		35.9	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1300		45.1	200	ug/Kg
98-86-2	Acetophenone	1900		35.5	200	ug/Kg
65794-96-9	3+4-Methylphenols	1600		49.4	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		57.0	96.1	ug/Kg
67-72-1	Hexachloroethane	1800		21.2	200	ug/Kg
98-95-3	Nitrobenzene	1700		22.0	200	ug/Kg
78-59-1	Isophorone	1500		39.4	200	ug/Kg
88-75-5	2-Nitrophenol	1900		69.9	200	ug/Kg
105-67-9	2,4-Dimethylphenol	1900		77.9	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		37.0	200	ug/Kg
120-83-2	2,4-Dichlorophenol	1900		34.0	200	ug/Kg
91-20-3	Naphthalene	1700		27.3	200	ug/Kg
106-47-8	4-Chloroaniline	630		42.5	200	ug/Kg
87-68-3	Hexachlorobutadiene	2100		30.4	200	ug/Kg
105-60-2	Caprolactam	1600		62.6	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1800		34.5	200	ug/Kg
91-57-6	2-Methylnaphthalene	1600		30.8	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4900	E	140	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2000		23.8	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2000		35.0	200	ug/Kg
92-52-4	1,1-Biphenyl	2000		26.2	200	ug/Kg
91-58-7	2-Chloronaphthalene	1800		27.0	200	ug/Kg
88-74-4	2-Nitroaniline	1900		57.8	200	ug/Kg
131-11-3	Dimethylphthalate	1700		32.6	200	ug/Kg

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	09/05/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/05/25
Client Sample ID:	SOIL-PILE-1MSD	SDG No.:	Q3032
Lab Sample ID:	Q3032-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83.1
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064311.D	1	09/08/25 09:30	09/08/25 17:41	PB169593

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	2000		34.7	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	2000		40.4	200	ug/Kg
99-09-2	3-Nitroaniline	1100		55.3	200	ug/Kg
83-32-9	Acenaphthene	1700		25.6	200	ug/Kg
51-28-5	2,4-Dinitrophenol	3200		280	400	ug/Kg
100-02-7	4-Nitrophenol	3900	E	130	400	ug/Kg
132-64-9	Dibenzofuran	1800		27.3	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	2000		60.2	200	ug/Kg
84-66-2	Diethylphthalate	1700		34.0	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1900		32.1	200	ug/Kg
86-73-7	Fluorene	1800		30.4	200	ug/Kg
100-01-6	4-Nitroaniline	1700		77.2	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1800		120	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1700		39.5	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1900		33.4	200	ug/Kg
118-74-1	Hexachlorobenzene	1900		30.4	200	ug/Kg
1912-24-9	Atrazine	1900		40.9	200	ug/Kg
87-86-5	Pentachlorophenol	4400	E	61.7	400	ug/Kg
85-01-8	Phenanthrene	1800		25.1	200	ug/Kg
120-12-7	Anthracene	1800		40.0	200	ug/Kg
86-74-8	Carbazole	1800		37.5	200	ug/Kg
84-74-2	Di-n-butylphthalate	1800		57.6	200	ug/Kg
206-44-0	Fluoranthene	1900		36.1	200	ug/Kg
129-00-0	Pyrene	1800		43.3	200	ug/Kg
85-68-7	Butylbenzylphthalate	1900		85.8	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	850		44.1	400	ug/Kg
56-55-3	Benzo(a)anthracene	1900		27.6	200	ug/Kg
218-01-9	Chrysene	1800		23.9	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800		71.1	200	ug/Kg
117-84-0	Di-n-octyl phthalate	1800		100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		22.8	200	ug/Kg

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	09/05/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/05/25
Client Sample ID:	SOIL-PILE-1MSD	SDG No.:	Q3032
Lab Sample ID:	Q3032-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83.1
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064311.D	1	09/08/25 09:30	09/08/25 17:41	PB169593

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1900		26.9	200	ug/Kg
50-32-8	Benzo(a)pyrene	1900		35.5	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1900		35.0	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1900		32.9	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1900		30.9	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2200		30.8	200	ug/Kg
123-91-1	1,4-Dioxane	1400		54.3	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2100		32.9	200	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	116		30 (18) - 130 (112)	78%	SPK: 150
13127-88-3	Phenol-d6	110		30 (15) - 130 (107)	73%	SPK: 150
4165-60-0	Nitrobenzene-d5	75.9		30 (18) - 130 (107)	76%	SPK: 100
321-60-8	2-Fluorobiphenyl	71.0		30 (20) - 130 (109)	71%	SPK: 100
118-79-6	2,4,6-Tribromophenol	142		30 (10) - 130 (116)	95%	SPK: 150
1718-51-0	Terphenyl-d14	72.7		30 (10) - 130 (105)	73%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	27400	7.853
1146-65-2	Naphthalene-d8	118000	10.638
15067-26-2	Acenaphthene-d10	85100	14.474
1517-22-2	Phenanthrene-d10	210000	17.218
1719-03-5	Chrysene-d12	229000	21.454
1520-96-3	Perylene-d12	255000	24.457

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\BG090825\
 Data File : BG064311.D
 Acq On : 8 Sep 2025 17:41
 Operator : RC/JU
 Sample : Q3032-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-1MSD

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/09/2025

Supervised By :Jagrut Upadhyay 09/09/2025

Quant Time: Sep 08 18:28:28 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 28 17:41:58 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.853	152	27418	20.000	ng	0.00
21) Naphthalene-d8	10.638	136	118432	20.000	ng	-0.01
39) Acenaphthene-d10	14.474	164	85135	20.000	ng	0.00
64) Phenanthrene-d10	17.218	188	210434	20.000	ng	# 0.00
76) Chrysene-d12	21.454	240	229459	20.000	ng	# 0.00
86) Perylene-d12	24.457	264	254609	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.438	112	177792	116.338	ng	0.00
7) Phenol-d6	7.024	99	231110	110.077	ng	0.00
23) Nitrobenzene-d5	9.004	82	161267	75.942	ng	-0.01
42) 2,4,6-Tribromophenol	15.967	330	160143	142.015	ng	0.00
45) 2-Fluorobiphenyl	13.099	172	396154	71.025	ng	-0.01
79) Terphenyl-d14	19.839	244	799674	72.710	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	21882	34.352	ng	92
3) Pyridine	3.740	79	59375	31.666	ng	# 57
4) n-Nitrosodimethylamine	3.658	42	52806	42.578	ng	99
6) Aniline	7.177	93	64707	22.287	ng	93
8) 2-Chlorophenol	7.418	128	83148	44.524	ng	98
9) Benzaldehyde	6.989	77	54154	31.342	ng	97
10) Phenol	7.054	94	98518	42.561	ng	91
11) bis(2-Chloroethyl)ether	7.271	93	65083	37.416	ng	96
12) 1,3-Dichlorobenzene	7.741	146	90507	45.556	ng	97
13) 1,4-Dichlorobenzene	7.888	146	92516	46.141	ng	93
14) 1,2-Dichlorobenzene	8.199	146	89126	46.057	ng	98
15) Benzyl Alcohol	8.082	79	82453	42.556	ng	90
16) 2,2'-oxybis(1-Chloropr...	8.376	45	123981	31.219	ng	98
17) 2-Methylphenol	8.293	107	70147	40.661	ng	98
18) Hexachloroethane	8.928	117	34785	44.444	ng	# 76
19) n-Nitroso-di-n-propyla...	8.652	70	60674	37.760	ng	98
20) 3+4-Methylphenols	8.616	107	94706	39.508	ng	96
22) Acetophenone	8.663	105	139687	46.621	ng	# 96
24) Nitrobenzene	9.045	77	96833	43.644	ng	96
25) Isophorone	9.568	82	168455	38.169	ng	97
26) 2-Nitrophenol	9.750	139	45766	47.738	ng	# 83
27) 2,4-Dimethylphenol	9.815	122	81174	48.227	ng	94
28) bis(2-Chloroethoxy)met...	10.050	93	91541	38.466	ng	96
29) 2,4-Dichlorophenol	10.291	162	85438	48.108	ng	97
30) 1,2,4-Trichlorobenzene	10.502	180	94136	50.271	ng	92
31) Naphthalene	10.690	128	265799	43.280	ng	99
32) Benzoic acid	9.985	122	70041	52.422	ng	94
33) 4-Chloroaniline	10.796	127	37547	15.774	ng	98
34) Hexachlorobutadiene	10.978	225	73173	52.864	ng	93
35) Caprolactam	11.566	113	27098m	39.406	ng	
36) 4-Chloro-3-methylphenol	11.924	107	104955	45.549	ng	94
37) 2-Methylnaphthalene	12.300	142	178217	39.041	ng	97
38) 1-Methylnaphthalene	12.518	142	192479m	42.689	ng	
40) 1,2,4,5-Tetrachloroben...	12.671	216	132633	53.995	ng	98
41) Hexachlorocyclopentadiene	12.653	237	142725	122.254	ng	97
43) 2,4,6-Trichlorophenol	12.906	196	80548	49.060	ng	91

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
 Data File : BG064311.D
 Acq On : 8 Sep 2025 17:41
 Operator : RC/JU
 Sample : Q3032-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PILE-1MSD

Manual Integrations
 APPROVED

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

Quant Time: Sep 08 18:28:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.982	196	90948	51.065	ng	91
46) 1,1'-Biphenyl	13.311	154	305338	49.242	ng	98
47) 2-Chloronaphthalene	13.352	162	207265	44.461	ng	97
48) 2-Nitroaniline	13.552	65	74215	46.709	ng	97
49) Acenaphthylene	14.198	152	350332	50.838	ng	98
50) Dimethylphthalate	13.934	163	268250	41.628	ng	100
51) 2,6-Dinitrotoluene	14.051	165	62400	50.019	ng	91
52) Acenaphthene	14.539	154	210493	43.284	ng	97
53) 3-Nitroaniline	14.374	138	36789	28.153	ng	# 95
54) 2,4-Dinitrophenol	14.586	184	64602	79.312	ng	# 78
55) Dibenzofuran	14.874	168	343894	44.958	ng	99
56) 4-Nitrophenol	14.698	139	103316	96.382	ng	# 77
57) 2,4-Dinitrotoluene	14.839	165	92282	48.923	ng	# 99
58) Fluorene	15.526	166	288114	45.955	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.103	232	88726	51.796	ng	99
60) Diethylphthalate	15.303	149	297415	43.126	ng	99
61) 4-Chlorophenyl-phenyle...	15.520	204	147341	47.136	ng	98
62) 4-Nitroaniline	15.544	138	57638	43.225	ng	# 82
63) Azobenzene	15.814	77	279664	45.498	ng	95
65) 4,6-Dinitro-2-methylph...	15.602	198	54007	44.702	ng	97
66) n-Nitrosodiphenylamine	15.732	169	250954	43.351	ng	99
67) 4-Bromophenyl-phenylether	16.413	248	106168	47.501	ng	95
68) Hexachlorobenzene	16.531	284	118518	47.751	ng	94
69) Atrazine	16.683	200	112629	46.597	ng	99
70) Pentachlorophenol	16.877	266	164219	109.119	ng	94
71) Phenanthrene	17.259	178	488694	44.031	ng	98
72) Anthracene	17.353	178	496769	44.000	ng	98
73) Carbazole	17.618	167	446158	44.859	ng	97
74) Di-n-butylphthalate	18.188	149	534612	44.741	ng	99
75) Fluoranthene	19.275	202	634926	48.652	ng	98
77) Benzidine	19.457	184	322238	66.757	ng	99
78) Pyrene	19.633	202	649657	44.940	ng	99
80) Butylbenzylphthalate	20.532	149	251870	46.193	ng	92
81) Benzo(a)anthracene	21.431	228	683017	46.528	ng	99
82) 3,3'-Dichlorobenzidine	21.354	252	101253	21.179	ng	96
83) Chrysene	21.495	228	629528	44.669	ng	99
84) Bis(2-ethylhexyl)phtha...	21.360	149	365874	44.694	ng	# 98
85) Di-n-octyl phthalate	22.494	149	623515	43.714	ng	97
87) Indeno(1,2,3-cd)pyrene	27.859	276	810708	46.626	ng	# 96
88) Benzo(b)fluoranthene	23.517	252	657099	45.728	ng	# 97
89) Benzo(k)fluoranthene	23.581	252	694245m	47.422	ng	
90) Benzo(a)pyrene	24.327	252	650551	48.668	ng	# 97
91) Dibenzo(a,h)anthracene	27.917	278	646540	46.312	ng	98
92) Benzo(g,h,i)perylene	28.922	276	655223	48.233	ng	# 93

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

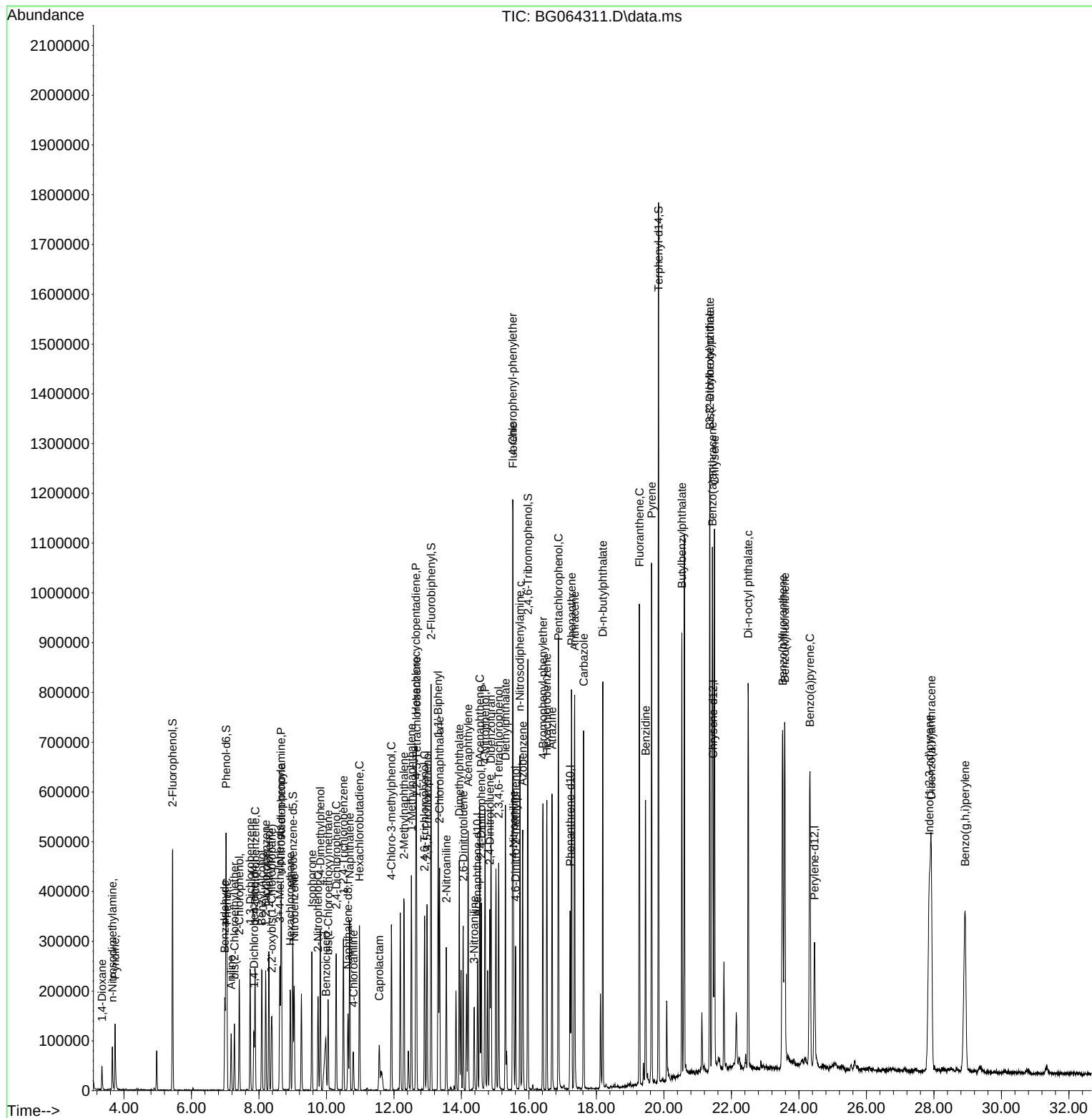
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Data File : BG064311.D  
Acq On    : 8 Sep 2025 17:41  
Operator  : RC/JU  
Sample    : Q3032-01MSD  
Misc      :  
ALS Vial  : 12 Sample Multiplier: 1
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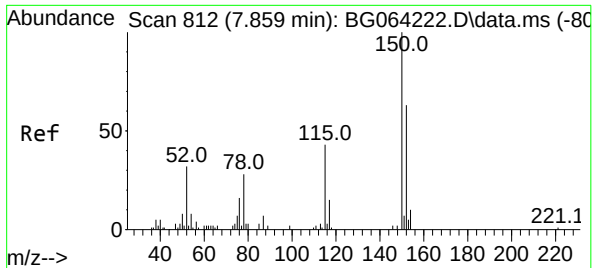
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MSD

Manual Integrations

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

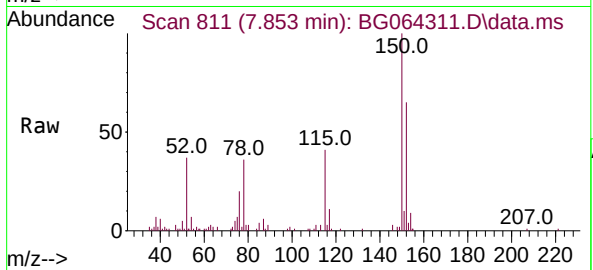
Quant Time: Sep 08 18:28:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.853 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

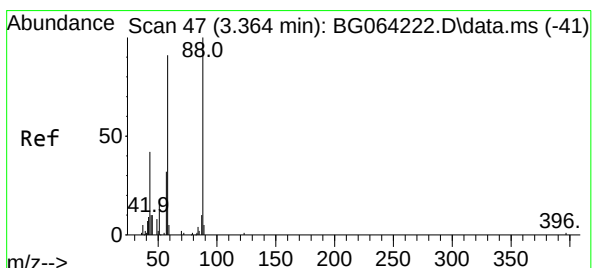
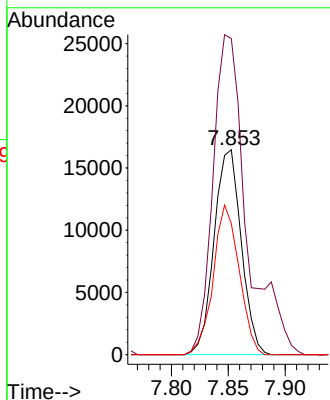
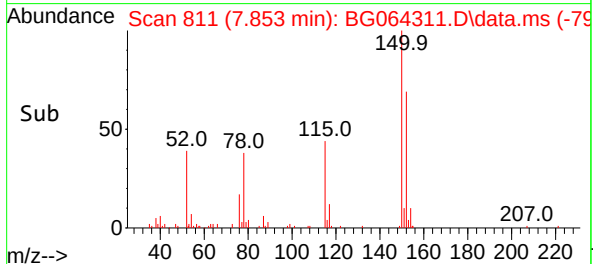
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MSD



Tgt Ion:152 Resp: 27418
Ion Ratio Lower Upper
152 100
150 154.2 128.0 192.0
115 64.0 55.7 83.5

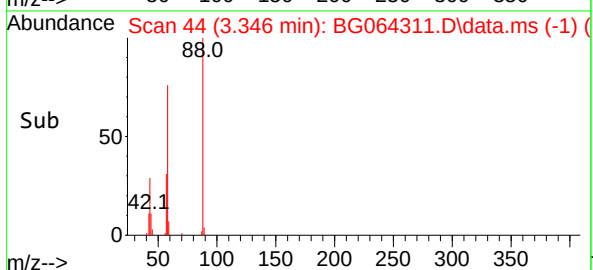
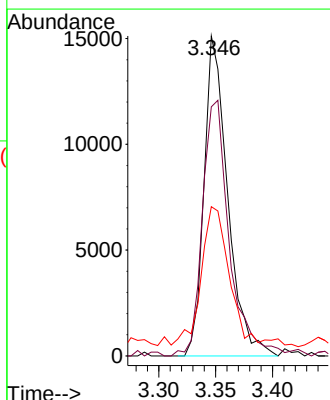
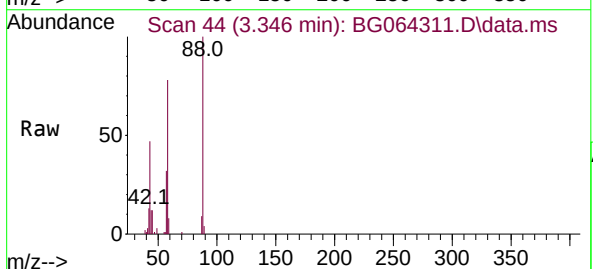
Manual Integrations
APPROVED

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

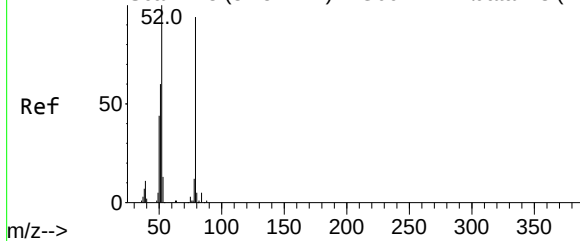


#2
1,4-Dioxane
Concen: 34.352 ng
RT: 3.346 min Scan# 44
Delta R.T. -0.012 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

Tgt Ion: 88 Resp: 21882
Ion Ratio Lower Upper
88 100
58 91.6 80.8 121.2
43 54.1 40.3 60.5



Abundance Scan 113 (3.752 min): BG064222.D\data.ms (-10



#3

Pyridine

Concen: 31.666 ng

RT: 3.740 min Scan# 11

Delta R.T. -0.012 min

Lab File: BG064311.D

Acq: 8 Sep 2025 17:41

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-1MSD

Tgt Ion: 79 Resp: 59375

Ion Ratio Lower Upper

79 100

52 93.2 86.6 129.8

51 62.2 114.1 171.1

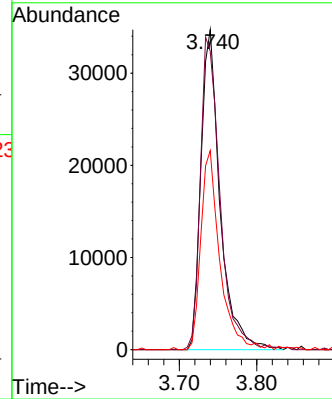
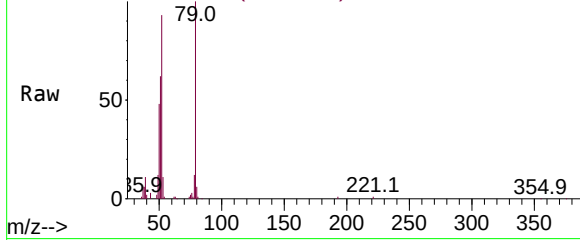
Manual Integrations

APPROVED

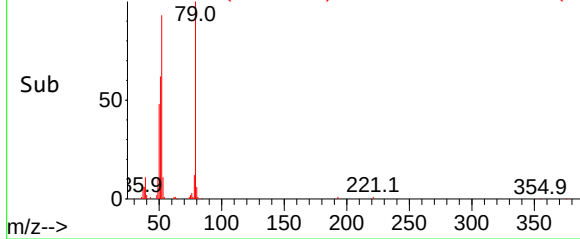
Reviewed By :Rahul Chavli 09/09/2025

Supervised By :Jagrut Upadhyay 09/09/2025

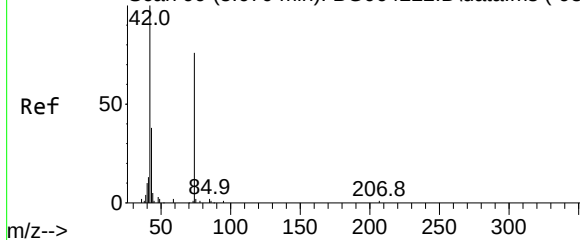
Abundance Scan 111 (3.740 min): BG064311.D\data.ms



Abundance Scan 111 (3.740 min): BG064311.D\data.ms (-23



Abundance Scan 99 (3.670 min): BG064222.D\data.ms (-93)



#4

n-Nitrosodimethylamine

Concen: 42.578 ng

RT: 3.658 min Scan# 97

Delta R.T. -0.007 min

Lab File: BG064311.D

Acq: 8 Sep 2025 17:41

Tgt Ion: 42 Resp: 52806

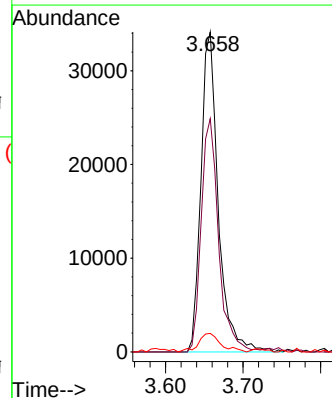
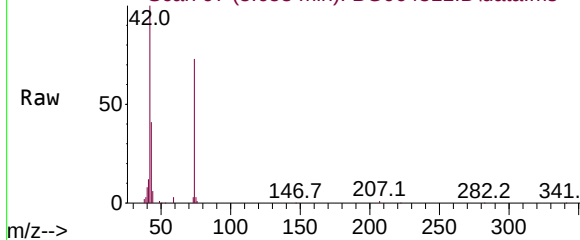
Ion Ratio Lower Upper

42 100

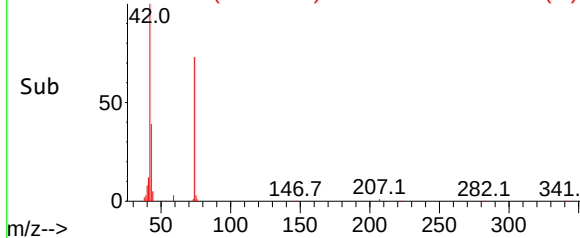
74 72.9 58.0 87.0

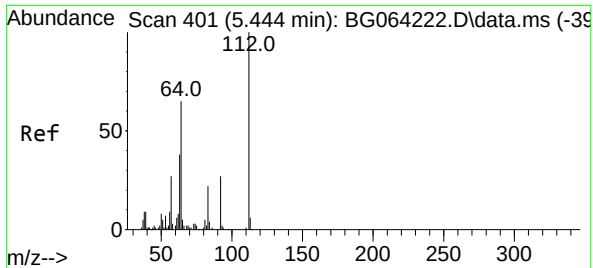
44 5.8 5.5 8.3

Abundance Scan 97 (3.658 min): BG064311.D\data.ms



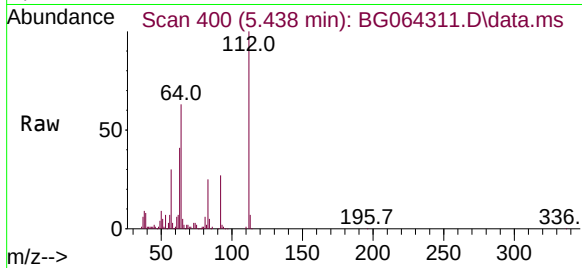
Abundance Scan 97 (3.658 min): BG064311.D\data.ms (-8)





#5
2-Fluorophenol
Concen: 116.338 ng
RT: 5.438 min Scan# 401
Delta R.T. -0.007 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

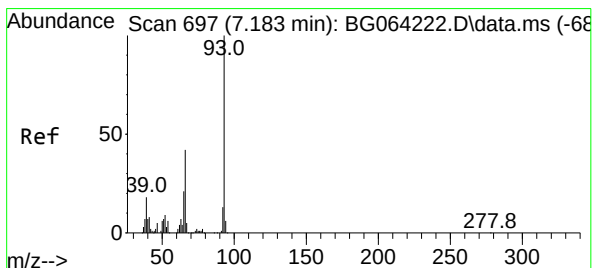
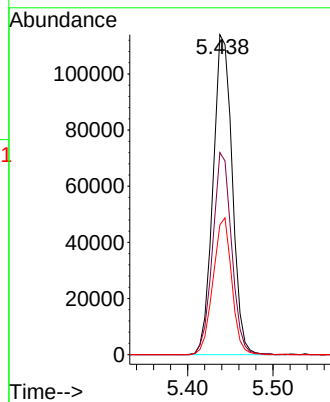
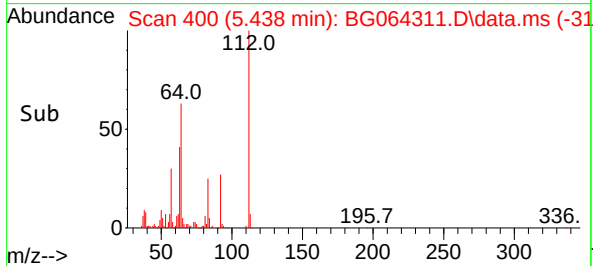
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MSD



Tgt Ion:112 Resp: 177792
Ion Ratio Lower Upper
112 100
64 63.1 51.8 77.6
63 40.5 30.6 45.8

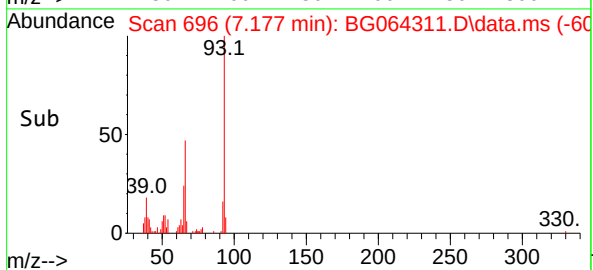
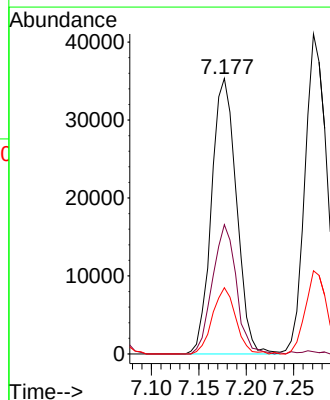
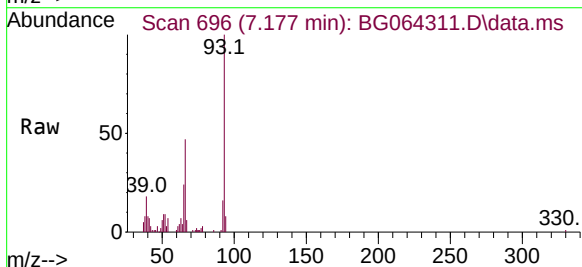
Manual Integrations
APPROVED

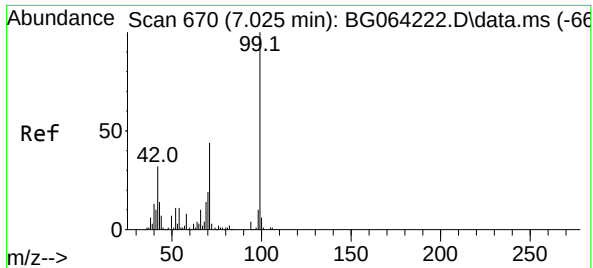
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#6
Aniline
Concen: 22.287 ng
RT: 7.177 min Scan# 696
Delta R.T. -0.012 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

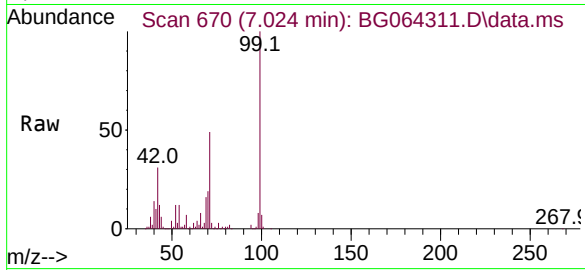
Tgt Ion: 93 Resp: 64707
Ion Ratio Lower Upper
93 100
66 46.9 33.8 50.8
65 24.0 16.9 25.3





#7
Phenol-d6
Concen: 110.077 ng
RT: 7.024 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

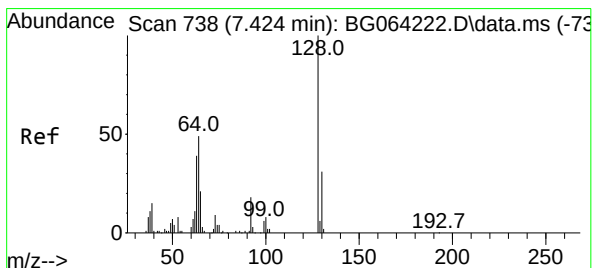
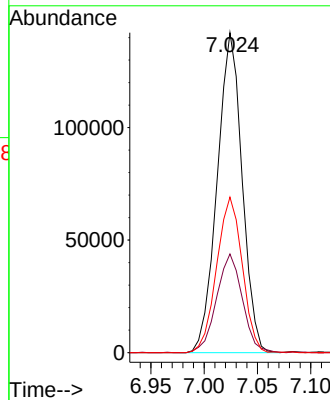
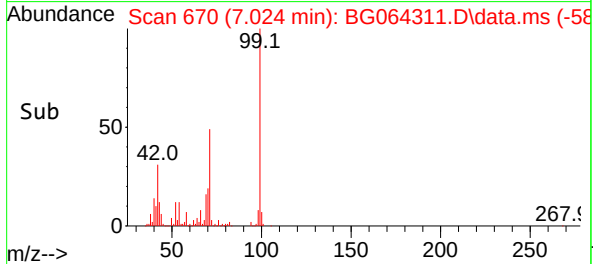
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MSD



Tgt Ion: 99 Resp: 231110
Ion Ratio Lower Upper
99 100
42 30.8 25.8 38.8
71 48.6 35.2 52.8

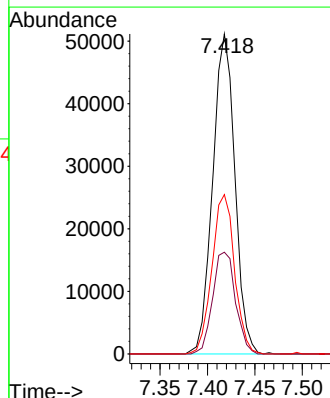
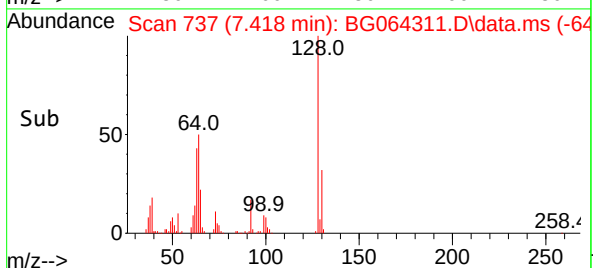
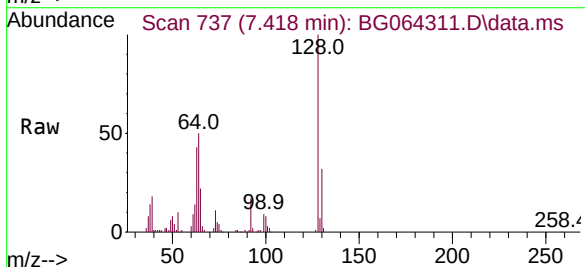
Manual Integrations
APPROVED

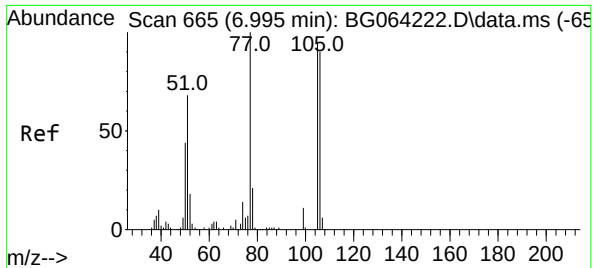
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#8
2-Chlorophenol
Concen: 44.524 ng
RT: 7.418 min Scan# 737
Delta R.T. -0.007 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

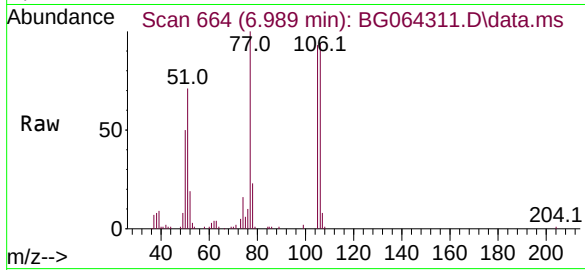
Tgt Ion:128 Resp: 83148
Ion Ratio Lower Upper
128 100
130 31.8 10.9 50.9
64 49.8 28.7 68.7





#9
Benzaldehyde
Concen: 31.342 ng
RT: 6.989 min Scan# 664
Delta R.T. -0.006 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

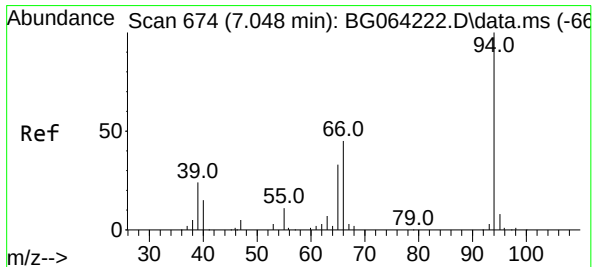
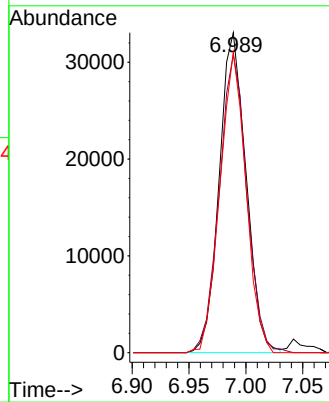
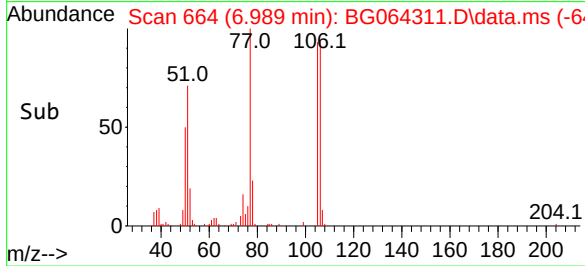
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MSD



Tgt Ion: 77 Resp: 54154
Ion Ratio Lower Upper
77 100
105 93.2 75.2 115.2
106 93.8 69.6 109.6

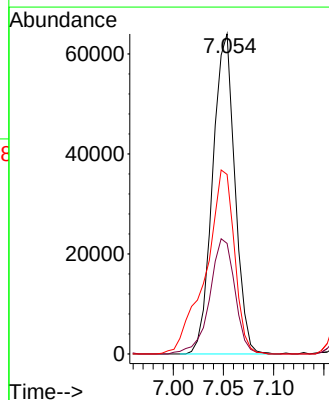
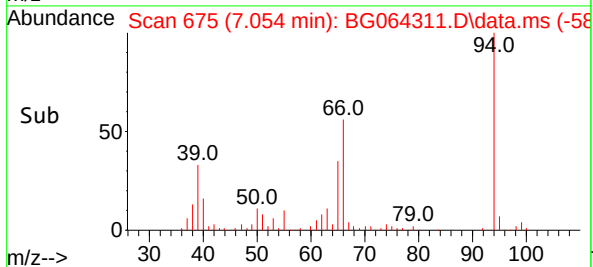
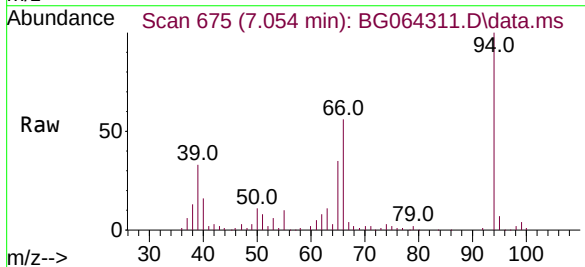
Manual Integrations
APPROVED

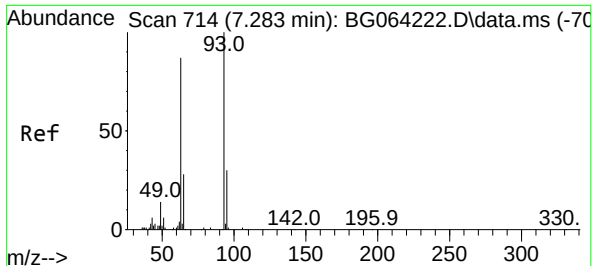
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#10
Phenol
Concen: 42.561 ng
RT: 7.054 min Scan# 675
Delta R.T. -0.001 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

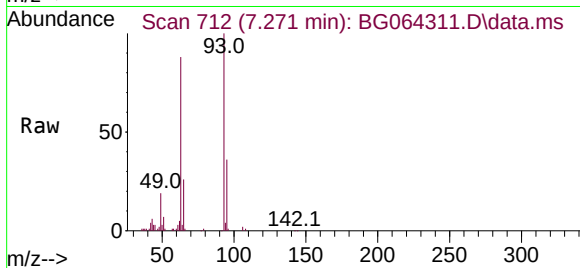
Tgt Ion: 94 Resp: 98518
Ion Ratio Lower Upper
94 100
65 34.5 13.5 53.5
66 56.1 26.2 66.2





#11
bis(2-Chloroethyl)ether
Concen: 37.416 ng
RT: 7.271 min Scan# 714
Delta R.T. -0.012 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

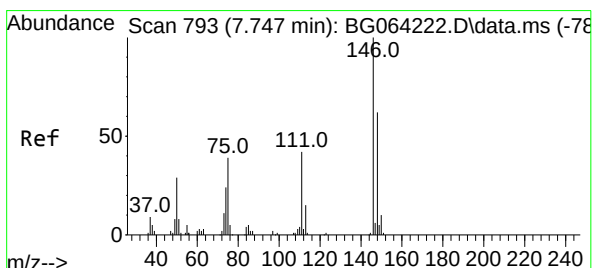
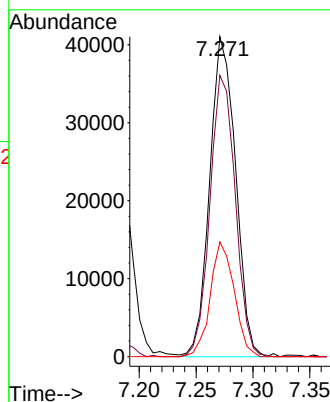
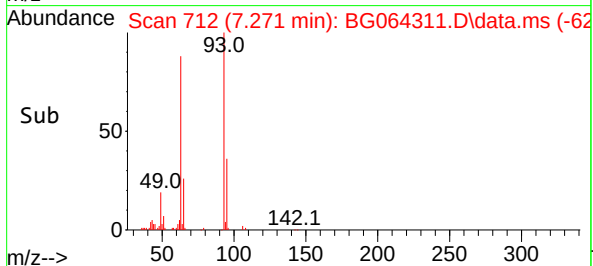
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MSD



Tgt Ion: 93 Resp: 65083
Ion Ratio Lower Upper
93 100
63 87.9 66.2 106.2
95 35.8 9.8 49.8

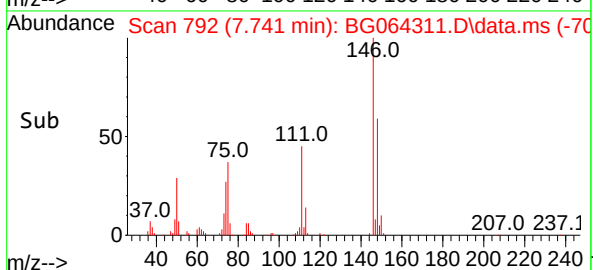
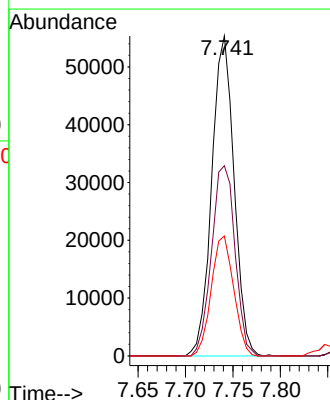
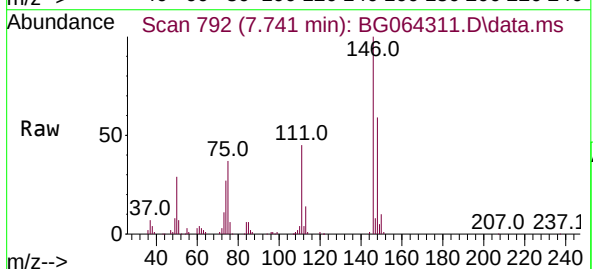
Manual Integrations
APPROVED

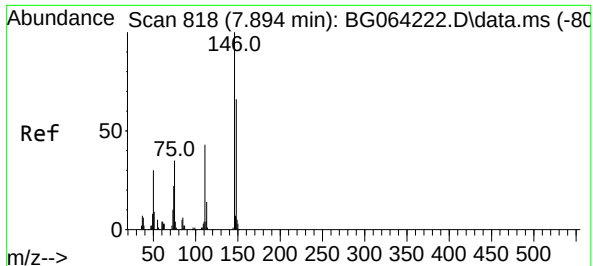
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#12
1,3-Dichlorobenzene
Concen: 45.556 ng
RT: 7.741 min Scan# 792
Delta R.T. -0.007 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

Tgt Ion:146 Resp: 90507
Ion Ratio Lower Upper
146 100
148 59.4 49.6 74.4
75 37.5 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 46.141 ng

RT: 7.888 min Scan# 81

Delta R.T. -0.007 min

Lab File: BG064311.D

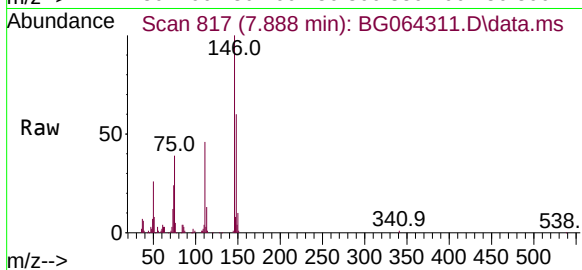
Acq: 8 Sep 2025 17:41

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-1MSD



Tgt Ion:146 Resp: 92516

Ion Ratio Lower Upper

146 100

148 59.5 52.8 79.2

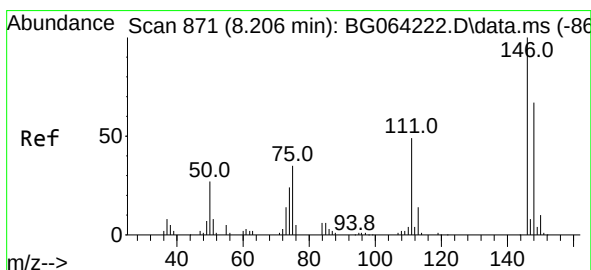
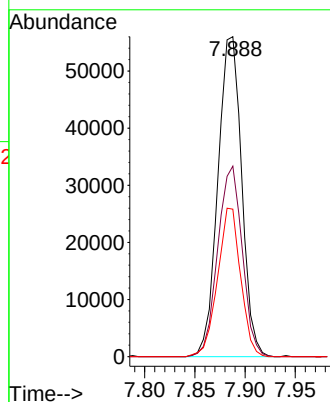
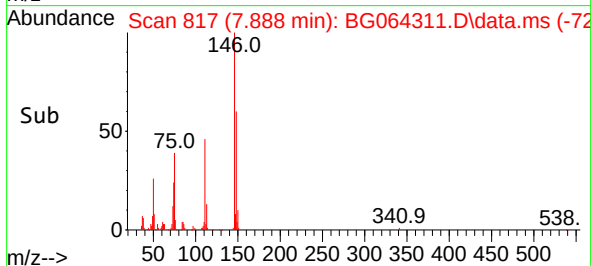
111 46.1 34.1 51.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/09/2025

Supervised By :Jagrut Upadhyay 09/09/2025



#14

1,2-Dichlorobenzene

Concen: 46.057 ng

RT: 8.199 min Scan# 870

Delta R.T. -0.012 min

Lab File: BG064311.D

Acq: 8 Sep 2025 17:41

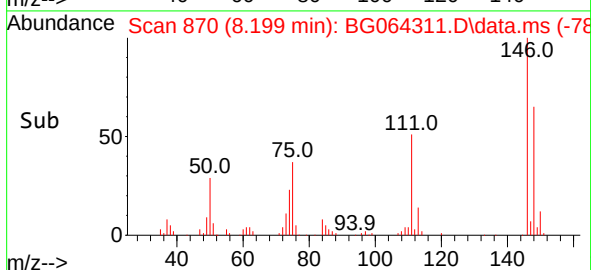
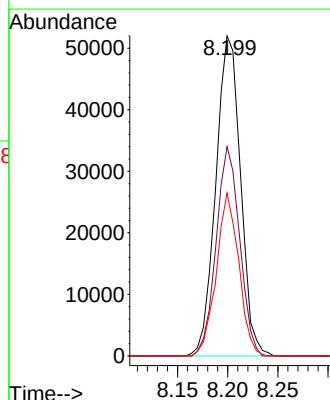
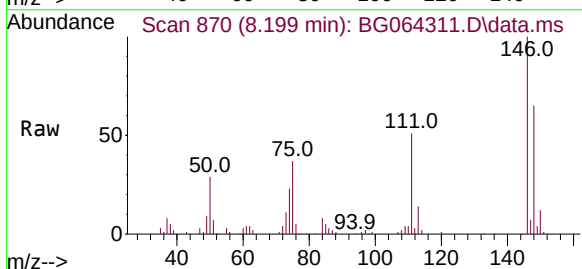
Tgt Ion:146 Resp: 89126

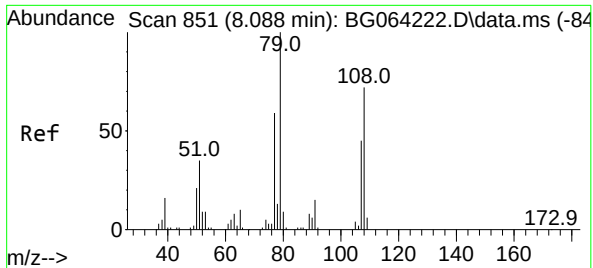
Ion Ratio Lower Upper

146 100

148 65.4 53.4 80.0

111 50.9 39.1 58.7





#15

Benzyl Alcohol

Concen: 42.556 ng

RT: 8.082 min Scan# 81

Delta R.T. -0.012 min

Lab File: BG064311.D

Acq: 8 Sep 2025 17:41

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-1MSD

Tgt Ion: 79 Resp: 82453

Ion Ratio Lower Upper

79 100

108 65.1 57.4 86.0

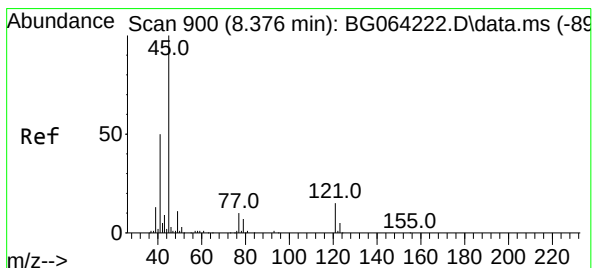
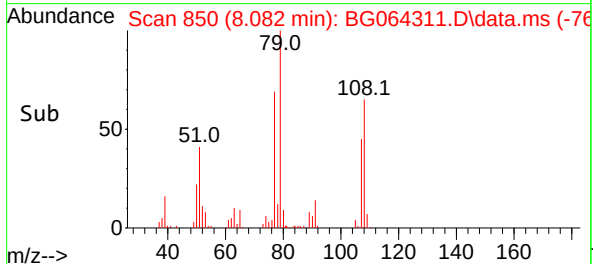
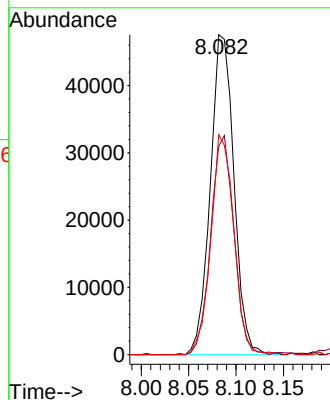
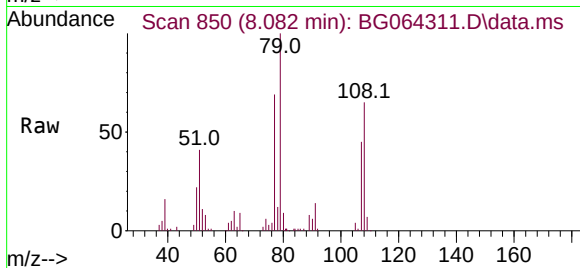
77 68.7 47.2 70.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/09/2025

Supervised By :Jagrut Upadhyay 09/09/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.219 ng

RT: 8.376 min Scan# 900

Delta R.T. -0.001 min

Lab File: BG064311.D

Acq: 8 Sep 2025 17:41

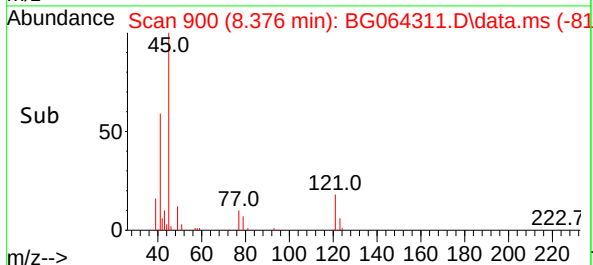
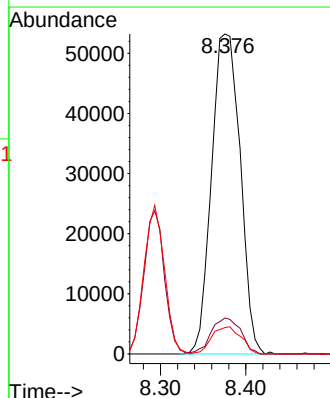
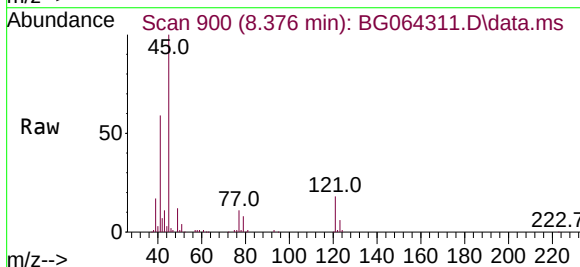
Tgt Ion: 45 Resp: 123981

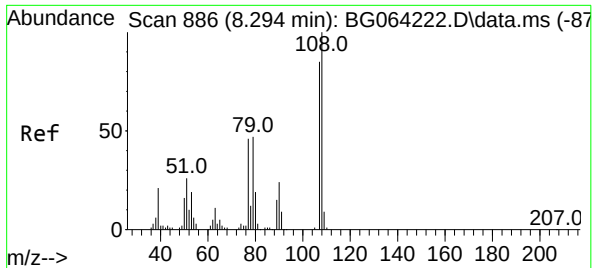
Ion Ratio Lower Upper

45 100

77 11.2 0.0 30.0

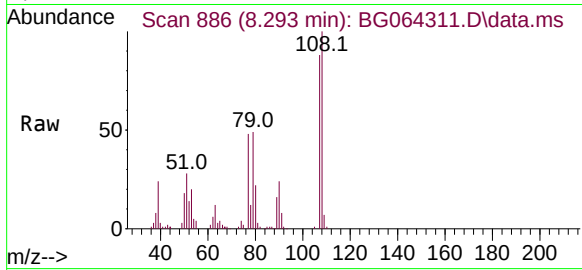
79 8.2 0.0 27.9





#17
2-Methylphenol
Concen: 40.661 ng
RT: 8.293 min Scan# 886
Delta R.T. -0.007 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

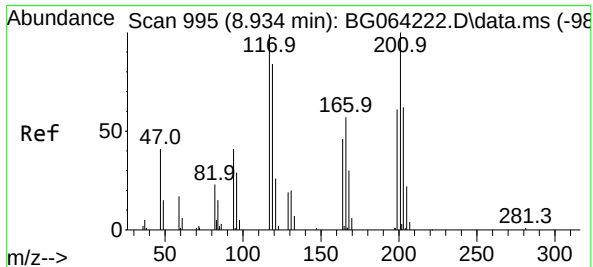
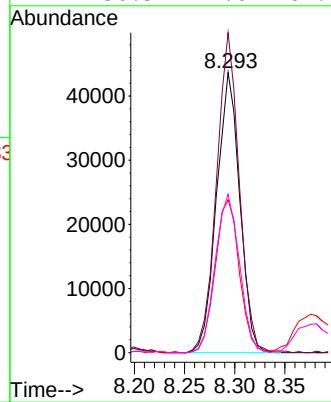
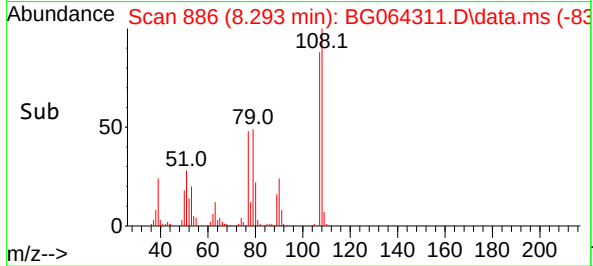
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MSD



Tgt Ion:107 Resp: 7014
Ion Ratio Lower Upper
107 100
108 114.3 94.6 141.8
77 54.5 43.7 65.5
79 56.5 44.6 67.0

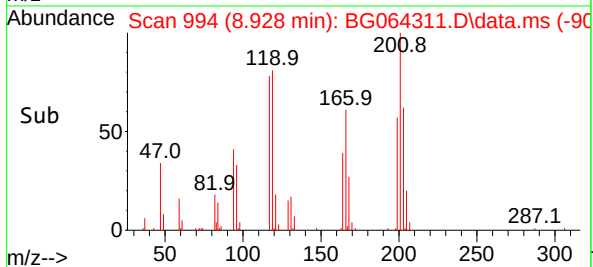
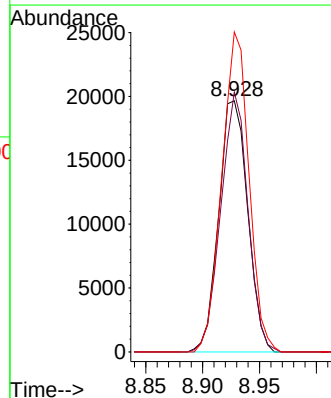
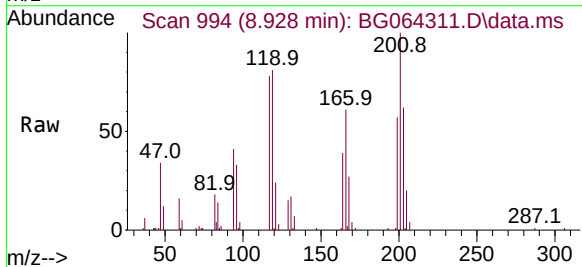
Manual Integrations
APPROVED

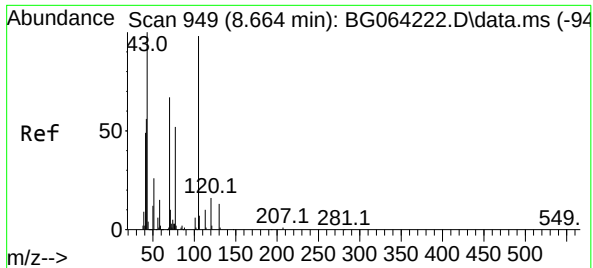
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#18
Hexachloroethane
Concen: 44.444 ng
RT: 8.928 min Scan# 994
Delta R.T. -0.007 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

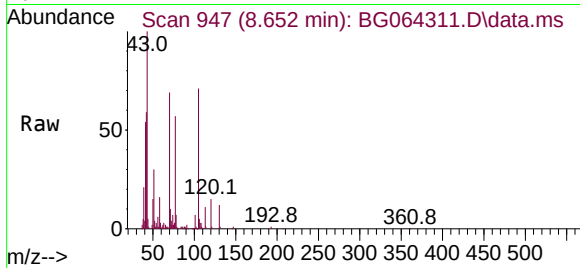
Tgt Ion:117 Resp: 34785
Ion Ratio Lower Upper
117 100
119 103.4 67.9 101.9#
201 127.4 80.5 120.7#





#19
n-Nitroso-di-n-propylamine
Concen: 37.760 ng
RT: 8.652 min Scan# 94
Delta R.T. -0.012 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

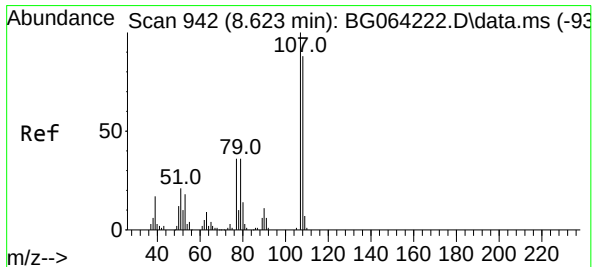
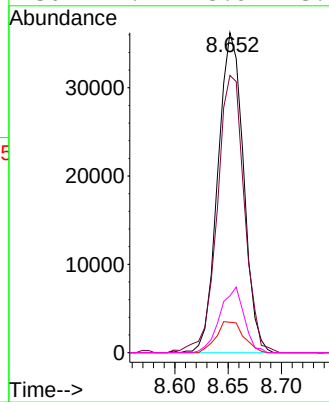
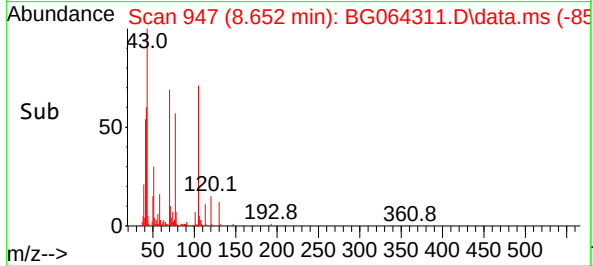
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MSD



Tgt Ion: 70 Resp: 60674
Ion Ratio Lower Upper
70 100
42 86.6 67.9 101.9
101 9.5 7.3 10.9
130 17.7 15.6 23.4

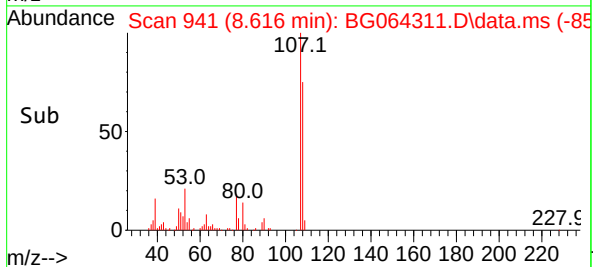
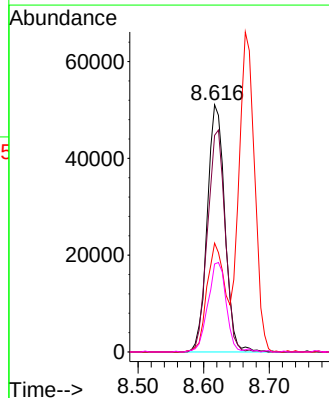
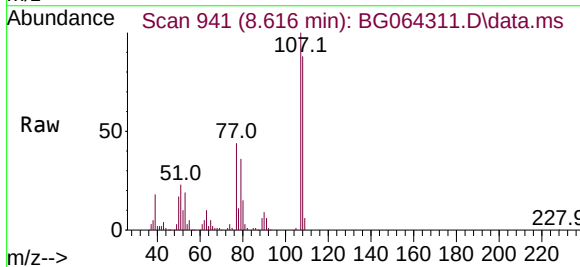
Manual Integrations
APPROVED

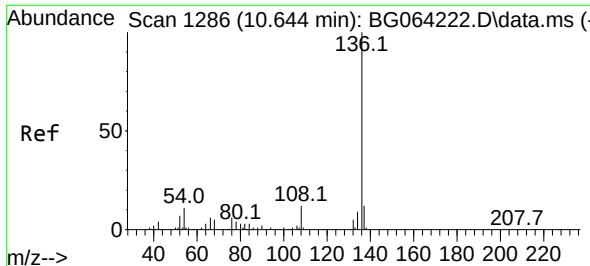
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#20
3+4-Methylphenols
Concen: 39.508 ng
RT: 8.616 min Scan# 941
Delta R.T. -0.012 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

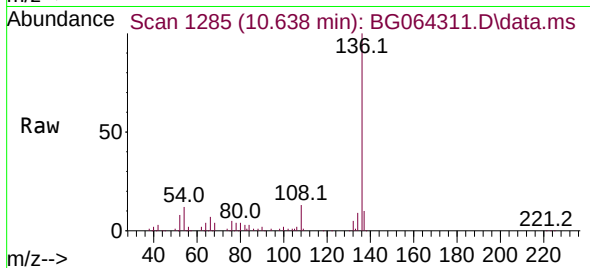
Tgt Ion:107 Resp: 94706
Ion Ratio Lower Upper
107 100
108 87.6 68.1 108.1
77 44.0 15.9 55.9
79 35.6 16.0 56.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.638 min Scan# 118432
Delta R.T. -0.012 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

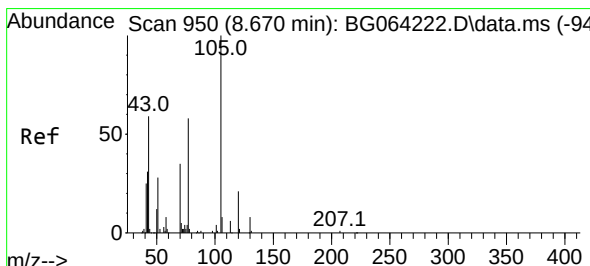
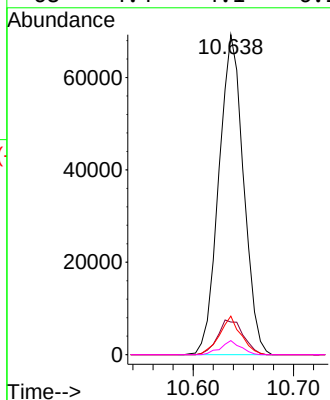
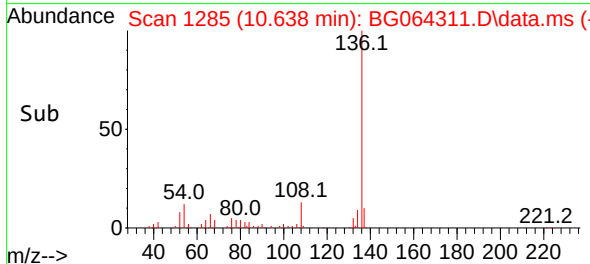
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MSD



Tgt Ion:136 Resp: 118432
Ion Ratio Lower Upper
136 100
137 10.2 9.6 14.4
54 12.0 8.8 13.2
68 4.4 4.1 6.1

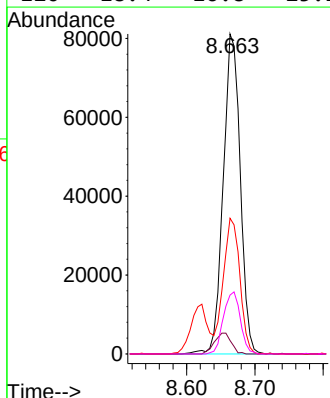
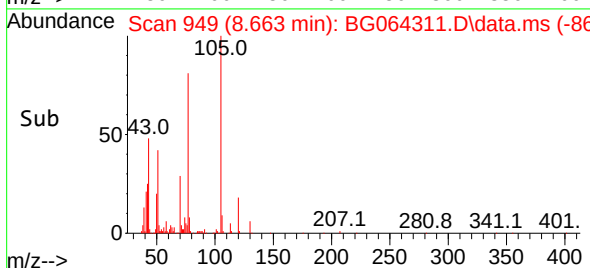
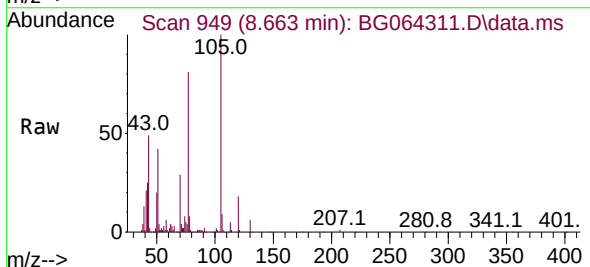
Manual Integrations
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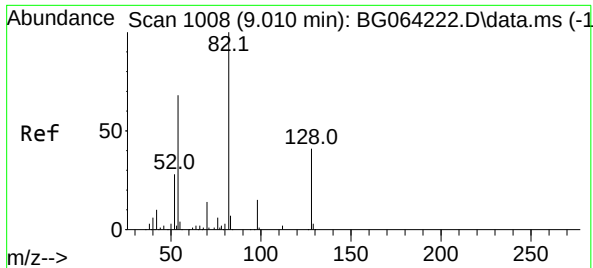
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#22
Acetophenone
Concen: 46.621 ng
RT: 8.663 min Scan# 949
Delta R.T. -0.012 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

Tgt Ion:105 Resp: 139687
Ion Ratio Lower Upper
105 100
71 4.2 4.3 6.5#
51 42.4 32.4 48.6
120 18.4 16.8 25.2





#23

Nitrobenzene-d5

Concen: 75.942 ng

RT: 9.004 min Scan# 1007

Delta R.T. -0.012 min

Lab File: BG064311.D

Acq: 8 Sep 2025 17:41

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-1MSD

Tgt Ion: 82 Resp: 16126

Ion Ratio Lower Upper

82 100

128 41.6 32.6 48.8

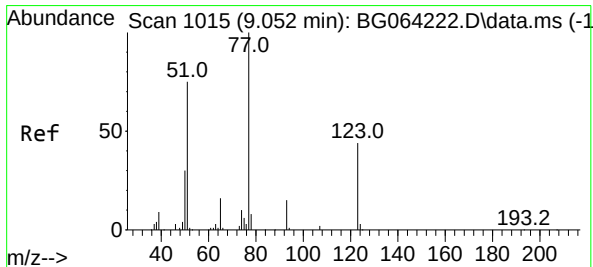
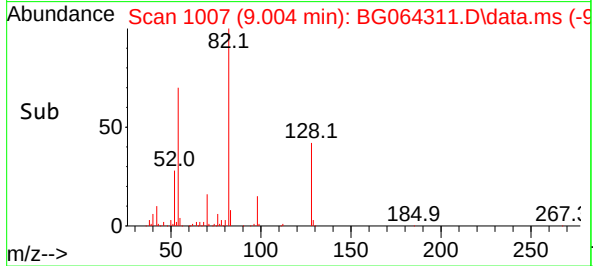
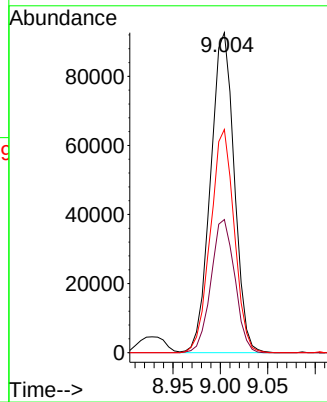
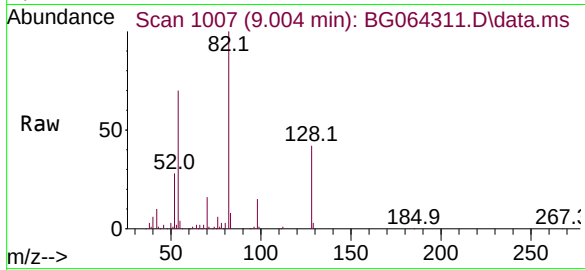
54 69.7 54.7 82.1

Manual Integrations

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Reviewed By :Rahul Chavli 09/09/2025

Supervised By :Jagrut Upadhyay 09/09/2025



#24

Nitrobenzene

Concen: 43.644 ng

RT: 9.045 min Scan# 1014

Delta R.T. -0.012 min

Lab File: BG064311.D

Acq: 8 Sep 2025 17:41

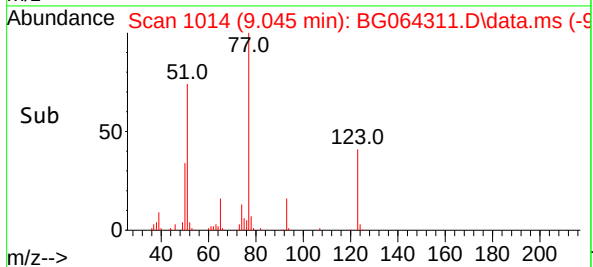
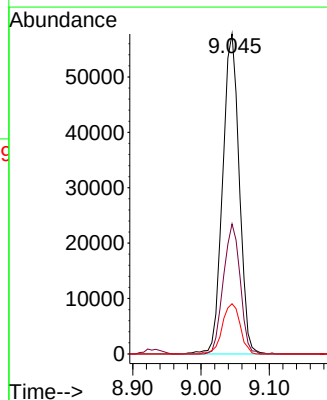
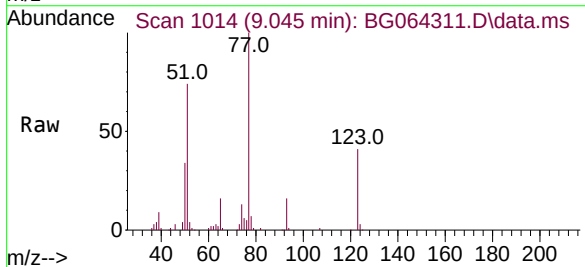
Tgt Ion: 77 Resp: 96833

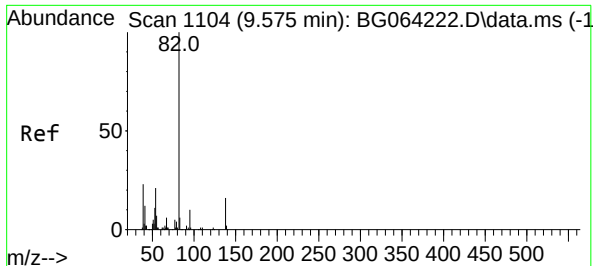
Ion Ratio Lower Upper

77 100

123 40.6 35.2 52.8

65 15.7 12.6 19.0





#25

Isophorone

Concen: 38.169 ng

RT: 9.568 min Scan# 1103

Delta R.T. -0.018 min

Lab File: BG064311.D

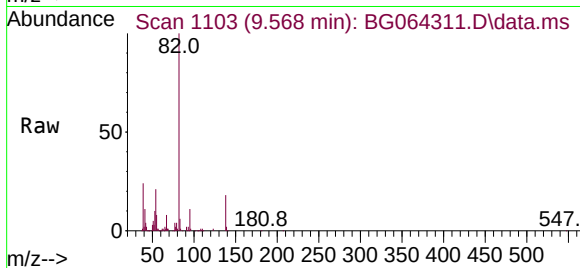
Acq: 8 Sep 2025 17:41

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-1MSD



Tgt Ion: 82 Resp: 16845

Ion Ratio Lower Upper

82 100

95 10.7 7.9 11.9

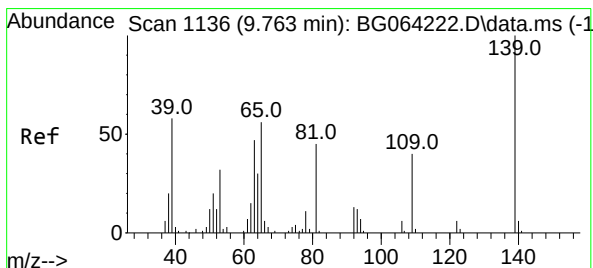
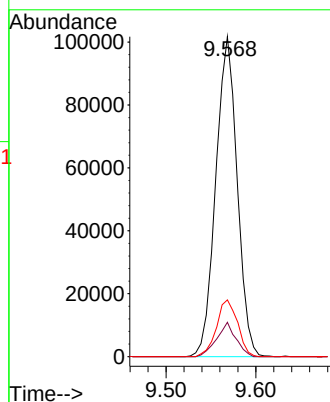
138 17.7 13.0 19.4

Manual Integrations

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Reviewed By :Rahul Chavli 09/09/2025

Supervised By :Jagrut Upadhyay 09/09/2025



#26

2-Nitrophenol

Concen: 47.738 ng

RT: 9.750 min Scan# 1134

Delta R.T. -0.012 min

Lab File: BG064311.D

Acq: 8 Sep 2025 17:41

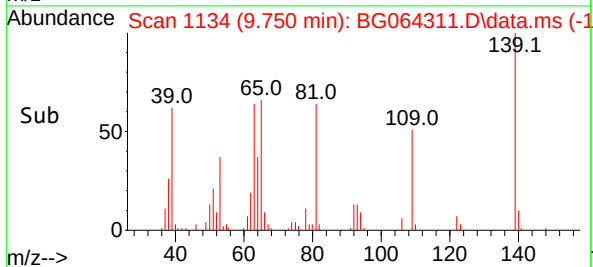
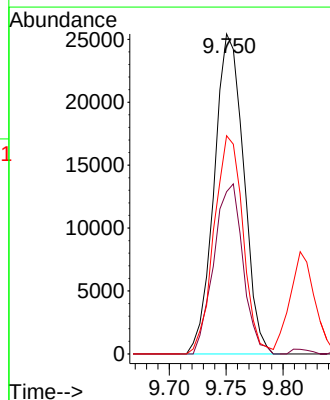
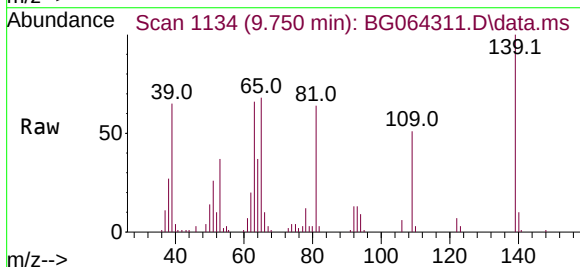
Tgt Ion:139 Resp: 45766

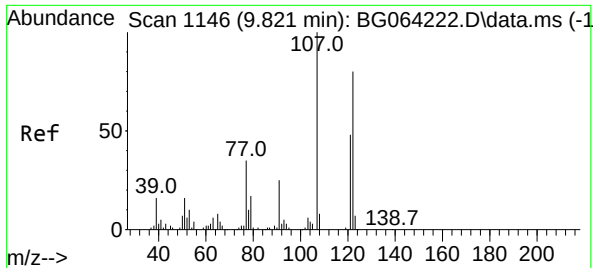
Ion Ratio Lower Upper

139 100

109 50.7 32.4 48.6#

65 68.2 44.6 67.0#





#27

2,4-Dimethylphenol

Concen: 48.227 ng

RT: 9.815 min Scan# 1145

Delta R.T. -0.012 min

Lab File: BG064311.D

Acq: 8 Sep 2025 17:41

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-1MSD

Tgt Ion:122 Resp: 81174

Ion Ratio Lower Upper

122 100

107 133.7 99.9 149.9

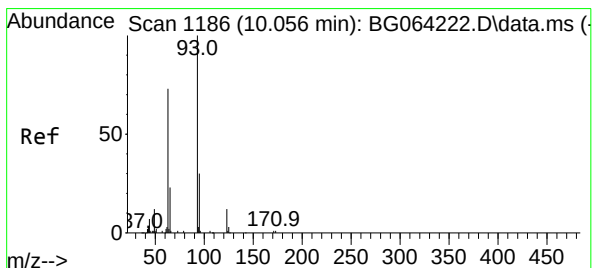
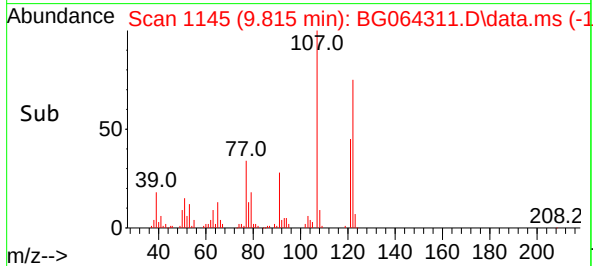
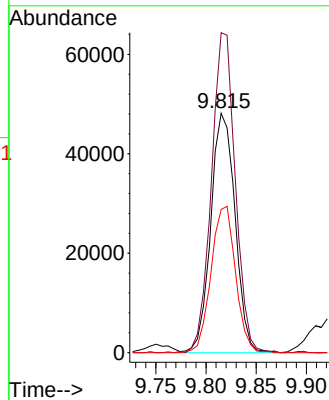
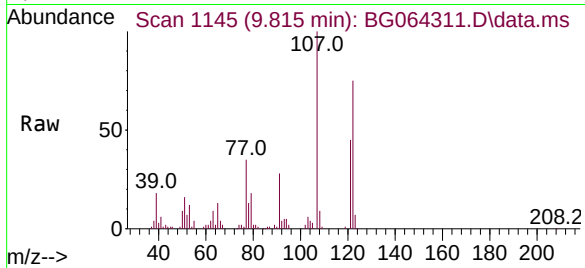
121 59.8 48.6 72.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/09/2025

Supervised By :Jagrut Upadhyay 09/09/2025



#28

bis(2-Chloroethoxy)methane

Concen: 38.466 ng

RT: 10.050 min Scan# 1185

Delta R.T. -0.012 min

Lab File: BG064311.D

Acq: 8 Sep 2025 17:41

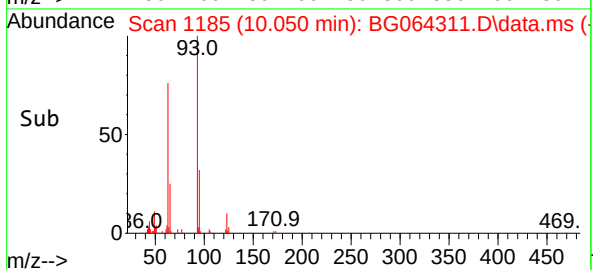
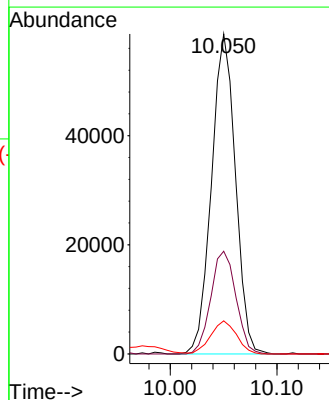
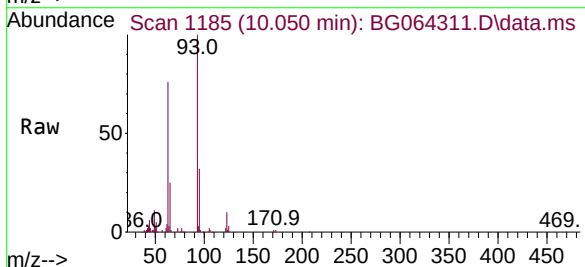
Tgt Ion: 93 Resp: 91541

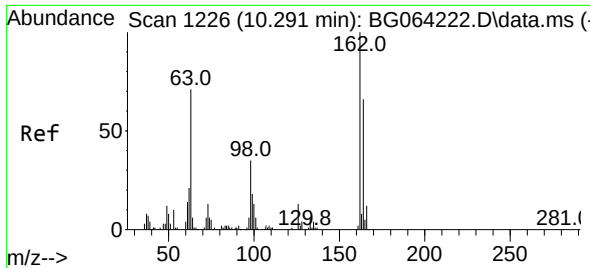
Ion Ratio Lower Upper

93 100

95 32.1 23.9 35.9

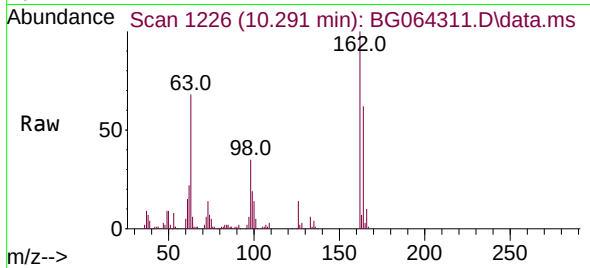
123 10.3 9.6 14.4





#29
2,4-Dichlorophenol
Concen: 48.108 ng
RT: 10.291 min Scan# 1226
Delta R.T. -0.007 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

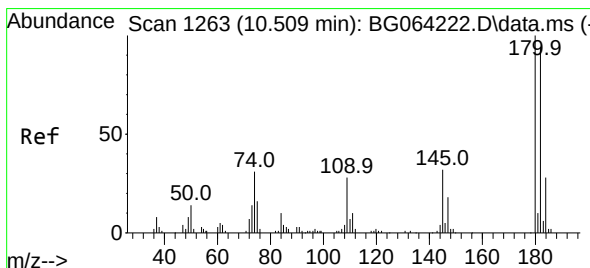
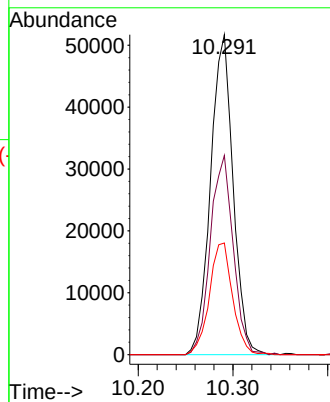
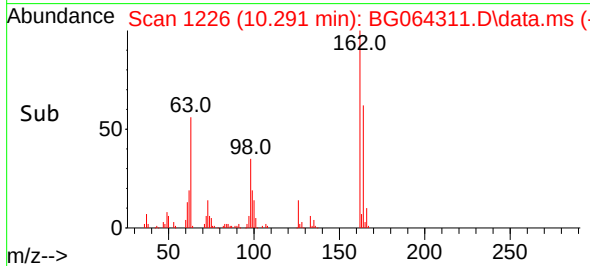
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MSD



Tgt Ion:162 Resp: 85438
Ion Ratio Lower Upper
162 100
164 62.2 45.8 85.8
98 34.9 15.2 55.2

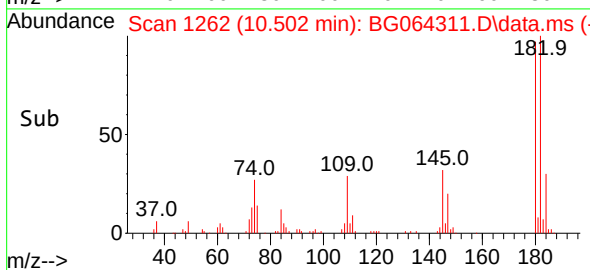
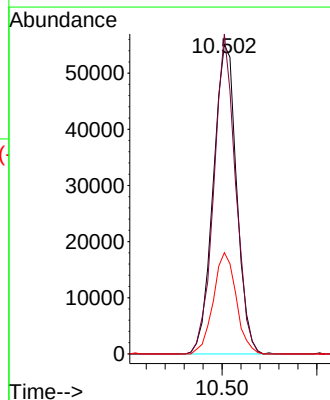
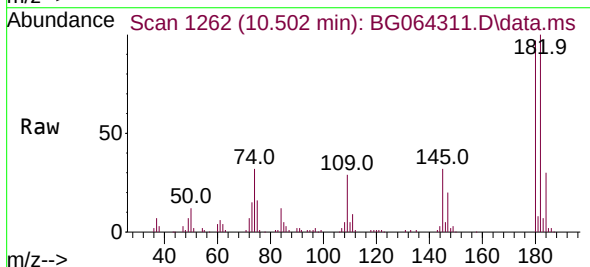
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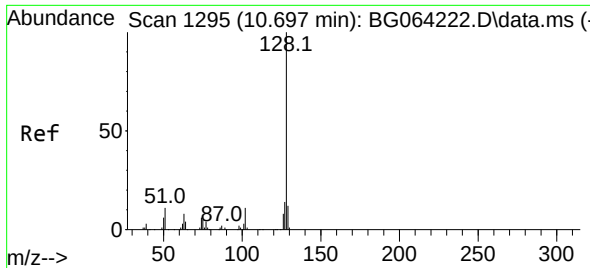
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#30
1,2,4-Trichlorobenzene
Concen: 50.271 ng
RT: 10.502 min Scan# 1262
Delta R.T. -0.007 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

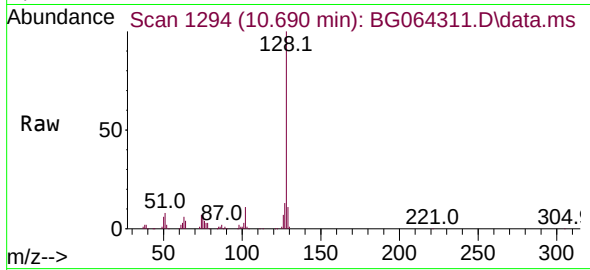
Tgt Ion:180 Resp: 94136
Ion Ratio Lower Upper
180 100
182 103.5 75.0 112.6
145 32.7 25.4 38.0





#31
Naphthalene
Concen: 43.280 ng
RT: 10.690 min Scan# 1174
Delta R.T. -0.007 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

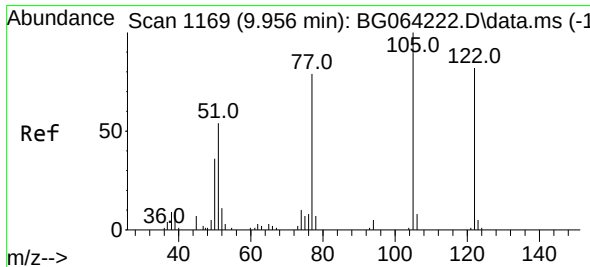
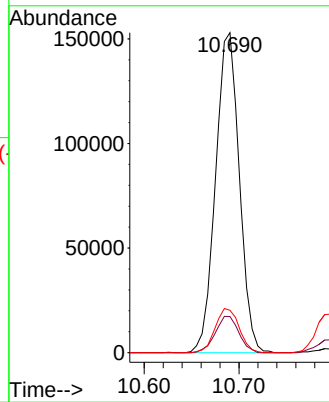
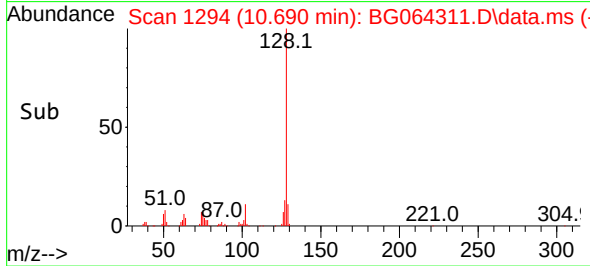
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MSD



Tgt Ion:128 Resp: 265799
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.2
127 13.3 10.9 16.3

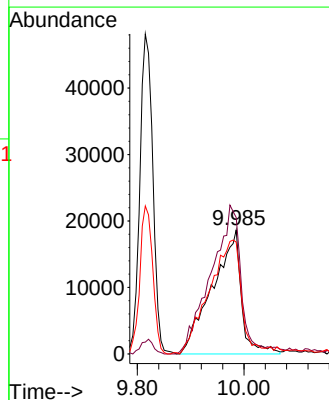
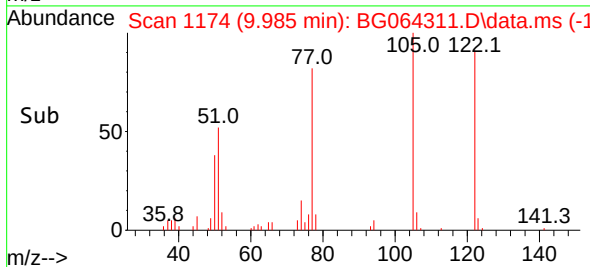
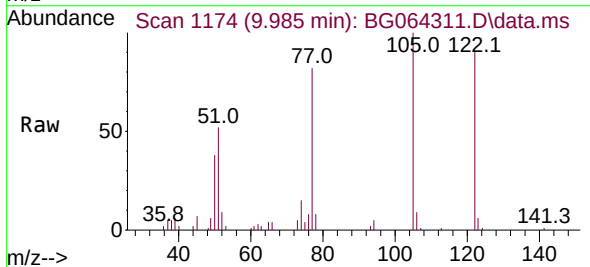
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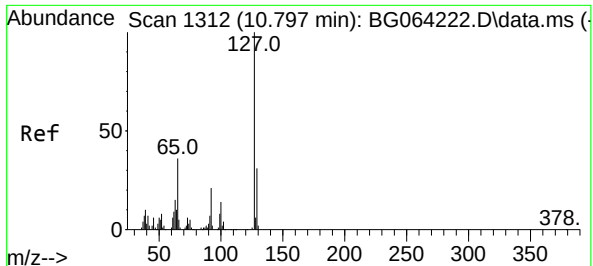
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#32
Benzoic acid
Concen: 52.422 ng
RT: 9.985 min Scan# 1174
Delta R.T. -0.030 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

Tgt Ion:122 Resp: 70041
Ion Ratio Lower Upper
122 100
105 110.1 98.5 138.5
77 90.2 74.6 114.6





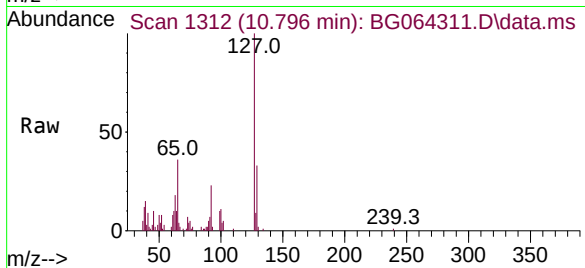
#33
4-Chloroaniline
Concen: 15.774 ng
RT: 10.796 min Scan# 1312
Delta R.T. -0.007 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-1MSD

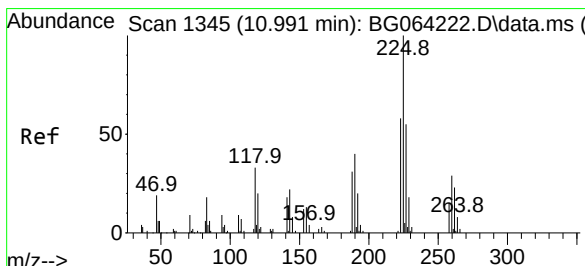
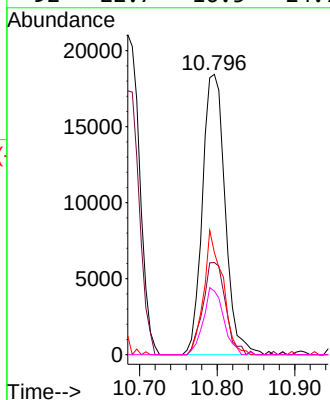
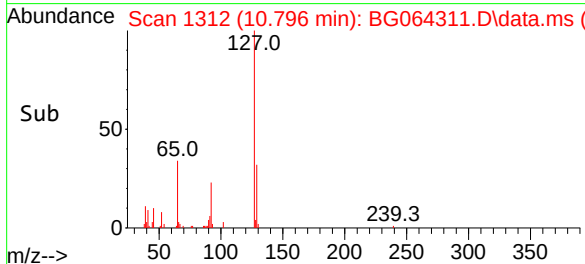


Tgt Ion:127 Resp: 3754
Ion Ratio Lower Upper
127 100
129 32.9 25.0 37.4
65 36.4 28.7 43.1
92 22.7 16.5 24.7

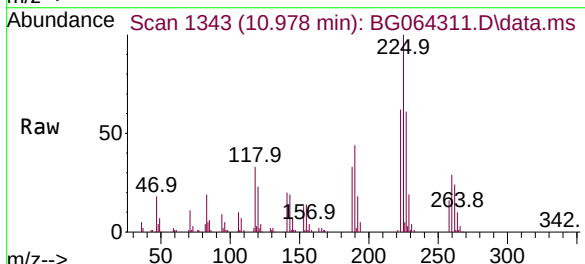
Manual Integrations

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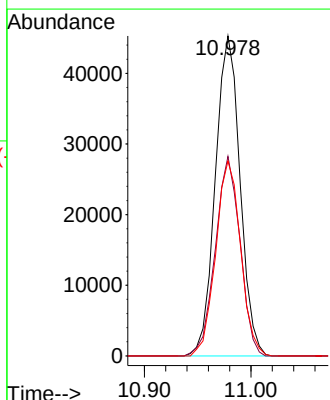
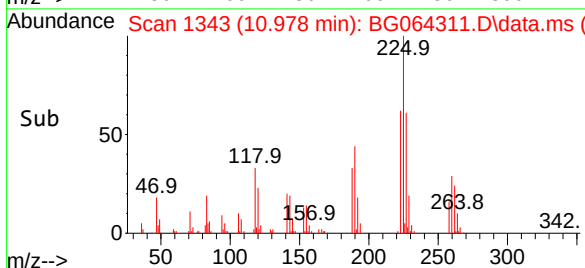
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025

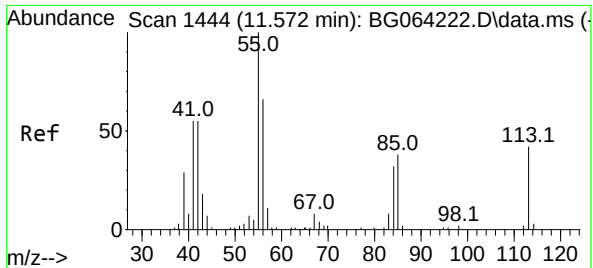


#34
Hexachlorobutadiene
Concen: 52.864 ng
RT: 10.978 min Scan# 1343
Delta R.T. -0.012 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41



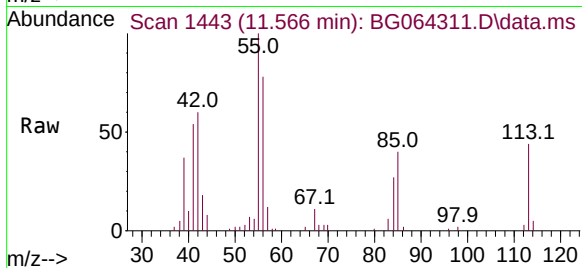
Tgt Ion:225 Resp: 73173
Ion Ratio Lower Upper
225 100
223 62.3 46.5 69.7
227 60.9 44.1 66.1





#35
 Caprolactam
 Concen: 39.406 ng m
 RT: 11.566 min Scan# 1444
 Delta R.T. -0.036 min
 Lab File: BG064311.D
 Acq: 8 Sep 2025 17:41

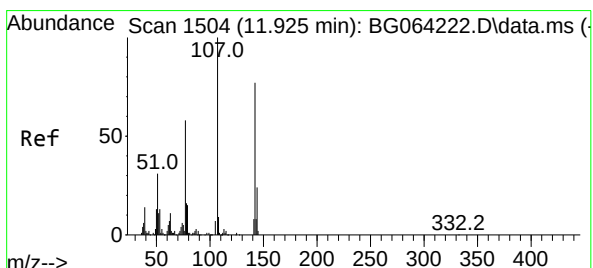
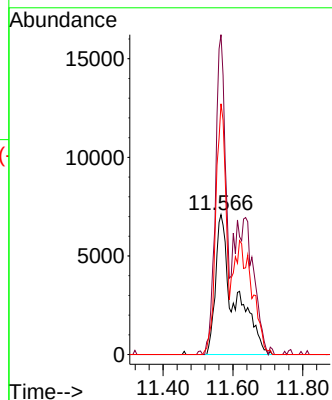
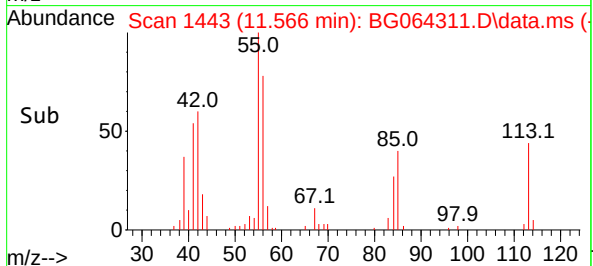
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PILE-1MSD



Tgt Ion:113 Resp: 27098
 Ion Ratio Lower Upper
 113 100
 55 228.8 218.5 258.5
 56 179.3 138.5 178.5

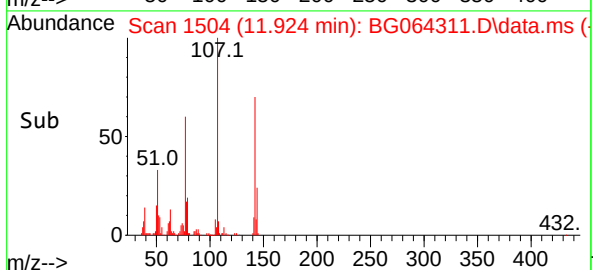
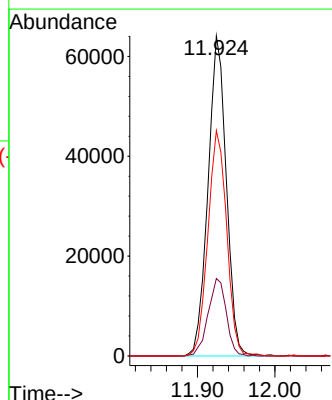
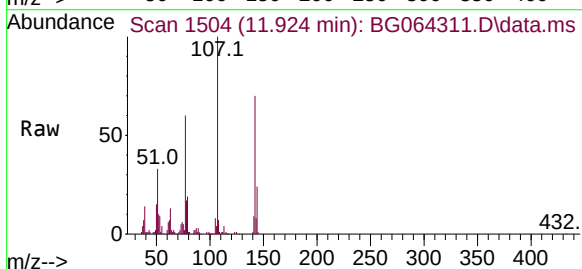
Manual Integrations
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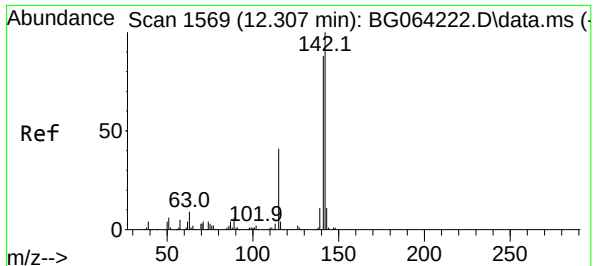
Reviewed By :Rahul Chavli 09/09/2025
 Supervised By :Jagrut Upadhyay 09/09/2025



#36
 4-Chloro-3-methylphenol
 Concen: 45.549 ng
 RT: 11.924 min Scan# 1504
 Delta R.T. -0.007 min
 Lab File: BG064311.D
 Acq: 8 Sep 2025 17:41

Tgt Ion:107 Resp: 104955
 Ion Ratio Lower Upper
 107 100
 144 24.2 19.5 29.3
 142 70.4 62.0 93.0





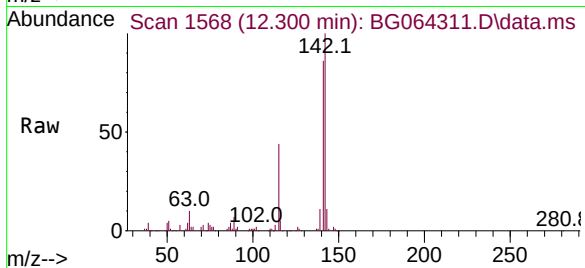
#37
2-Methylnaphthalene
Concen: 39.041 ng
RT: 12.300 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-1MSD



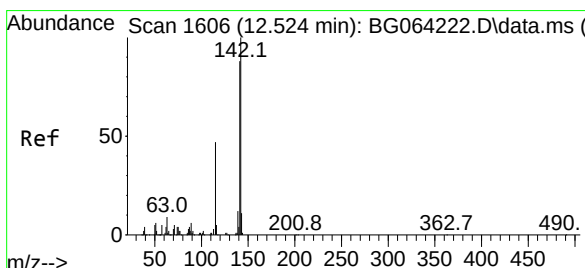
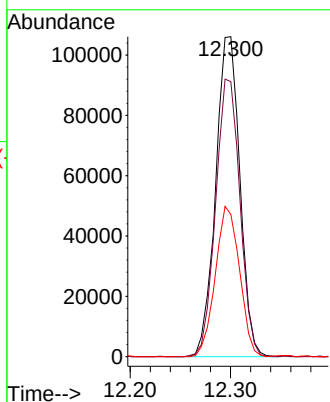
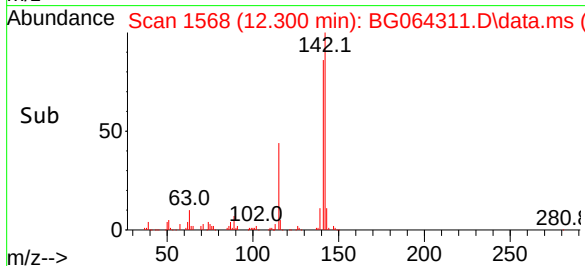
Tgt Ion:142 Resp: 178217
Ion Ratio Lower Upper
142 100
141 85.9 70.1 105.1
115 44.4 33.1 49.7

Manual Integrations

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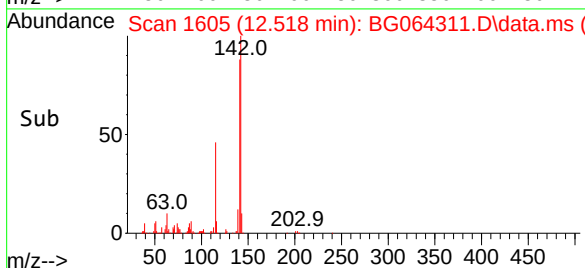
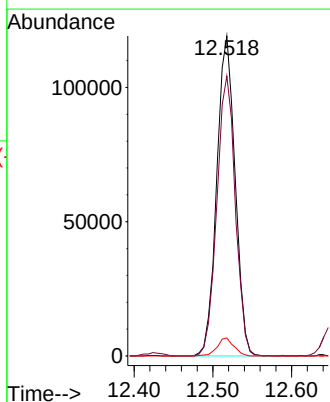
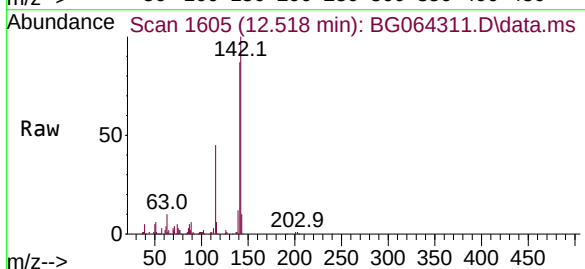
Reviewed By :Rahul Chavli 09/09/2025

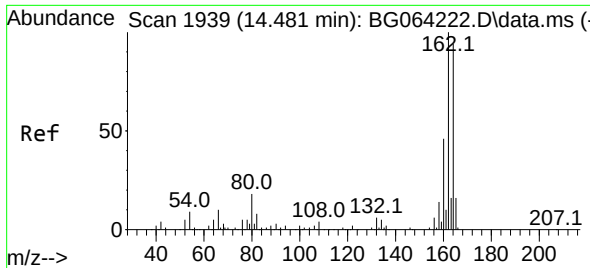
Supervised By :Jagrut Upadhyay 09/09/2025



#38
1-Methylnaphthalene
Concen: 42.689 ng m
RT: 12.518 min Scan# 1605
Delta R.T. -0.007 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

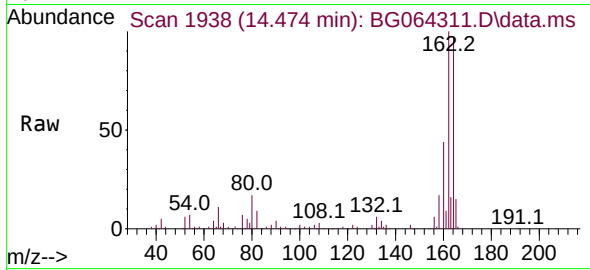
Tgt Ion:142 Resp: 192479
Ion Ratio Lower Upper
142 100
141 87.5 70.3 105.5
116 5.6 3.7 5.5#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.474 min Scan# 1938
Delta R.T. -0.007 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

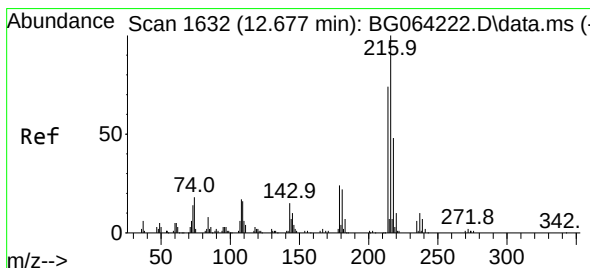
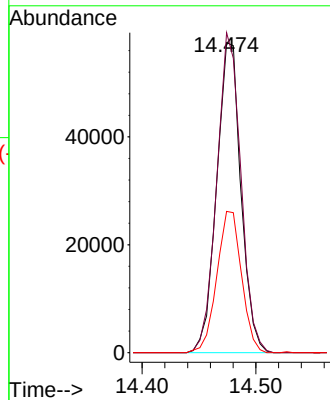
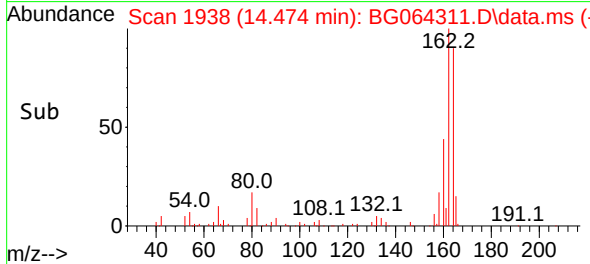
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MSD



Tgt Ion:164 Resp: 85135
Ion Ratio Lower Upper
164 100
162 103.2 85.4 128.0
160 45.6 39.2 58.8

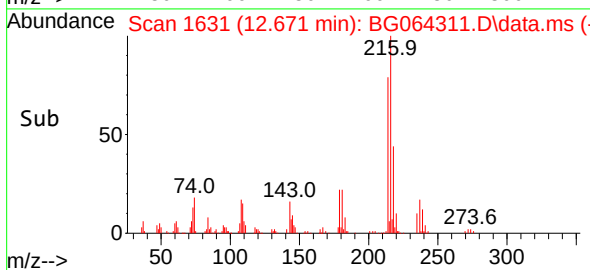
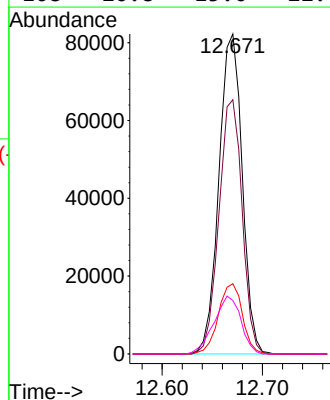
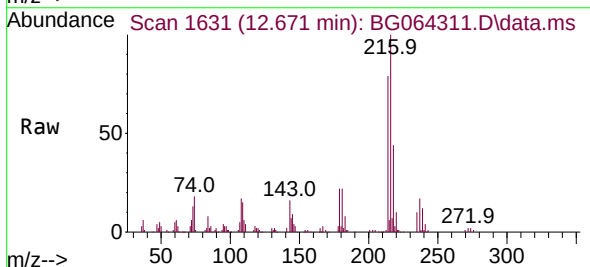
Manual Integrations
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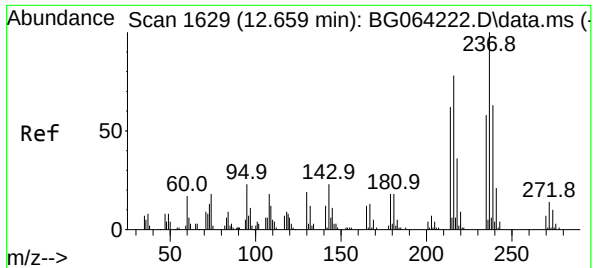
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.995 ng
RT: 12.671 min Scan# 1631
Delta R.T. -0.007 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

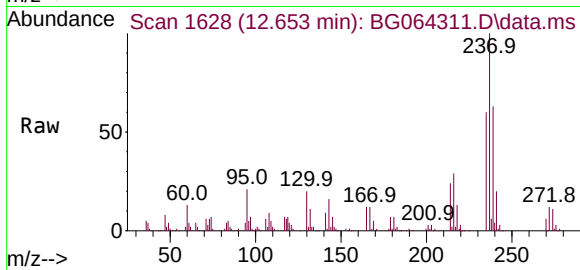
Tgt Ion:216 Resp: 132633
Ion Ratio Lower Upper
216 100
214 79.0 61.9 92.9
179 22.6 17.9 26.9
108 20.8 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 122.254 ng
RT: 12.653 min Scan# 1628
Delta R.T. -0.007 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

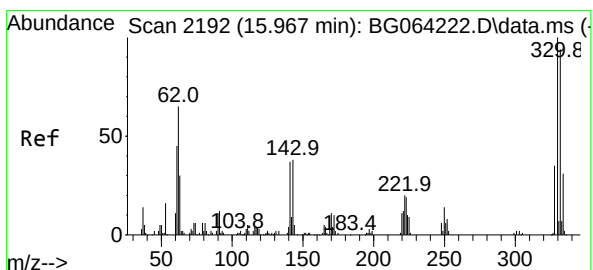
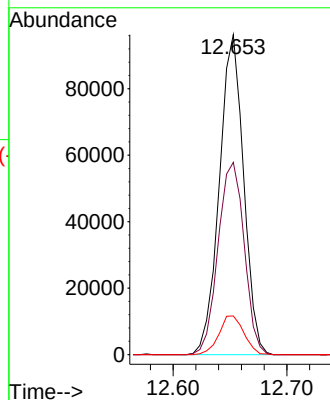
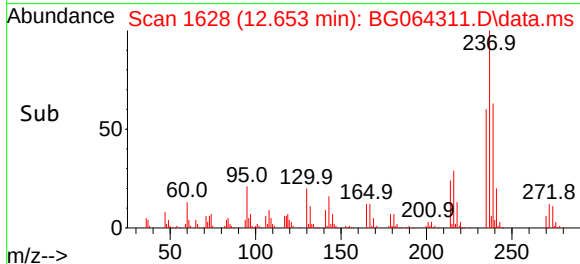
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MSD



Tgt Ion:237 Resp: 142725
Ion Ratio Lower Upper
237 100
235 60.1 37.9 77.9
272 12.1 0.0 33.8

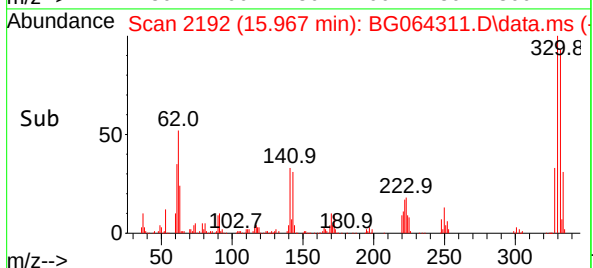
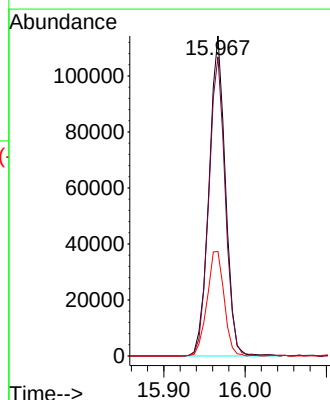
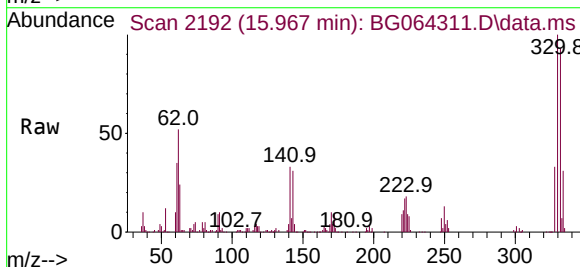
Manual Integrations
APPROVED

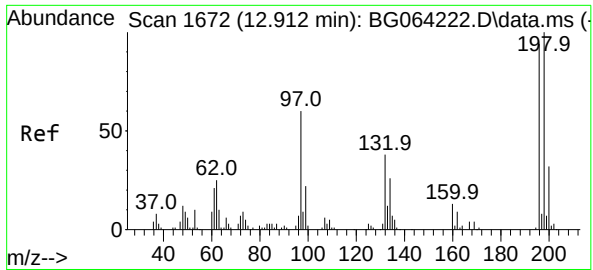
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#42
2,4,6-Tribromophenol
Concen: 142.015 ng
RT: 15.967 min Scan# 2192
Delta R.T. -0.007 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

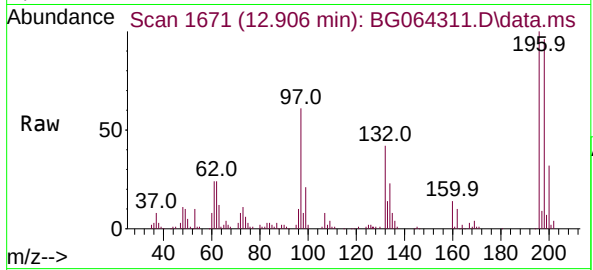
Tgt Ion:330 Resp: 160143
Ion Ratio Lower Upper
330 100
332 93.5 77.6 116.4
141 34.1 29.8 44.6





#43
2,4,6-Trichlorophenol
Concen: 49.060 ng
RT: 12.906 min Scan# 1671
Delta R.T. -0.007 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

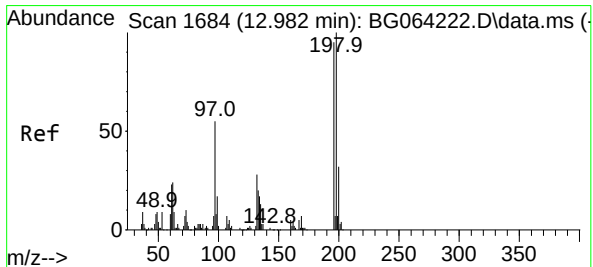
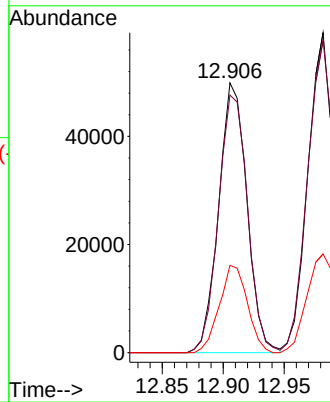
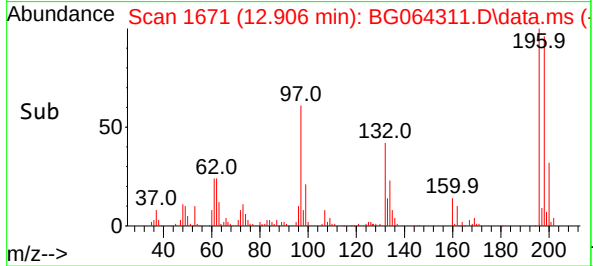
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MSD



Tgt Ion:196 Resp: 80548
Ion Ratio Lower Upper
196 100
198 95.5 85.4 128.2
200 32.4 27.3 40.9

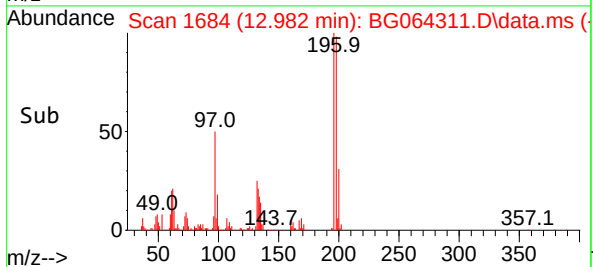
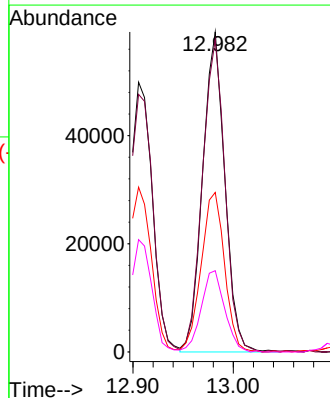
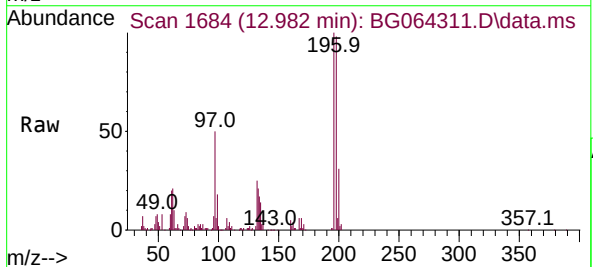
Manual Integrations
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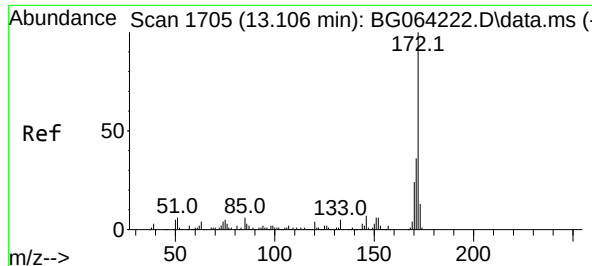
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#44
2,4,5-Trichlorophenol
Concen: 51.065 ng
RT: 12.982 min Scan# 1684
Delta R.T. -0.007 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

Tgt Ion:196 Resp: 90948
Ion Ratio Lower Upper
196 100
198 97.5 84.5 126.7
97 49.8 46.8 70.2
132 25.4 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 71.025 ng

RT: 13.099 min Scan# 1704

Delta R.T. -0.012 min

Lab File: BG064311.D

Acq: 8 Sep 2025 17:41

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-1MSD

Tgt Ion:172 Resp: 396154

Ion Ratio Lower Upper

172 100

171 37.1 28.7 43.1

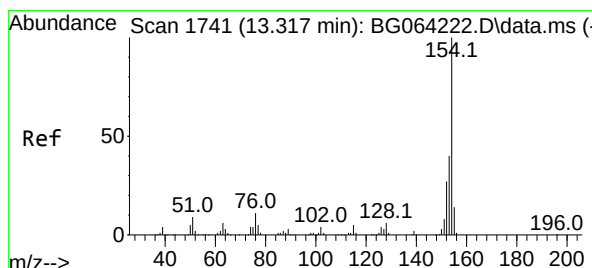
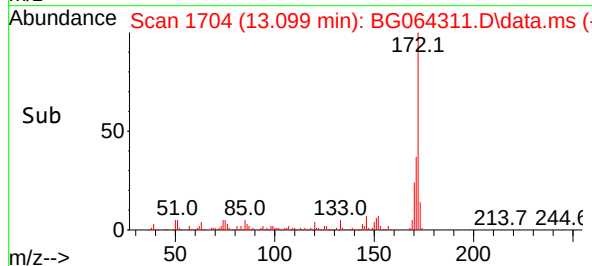
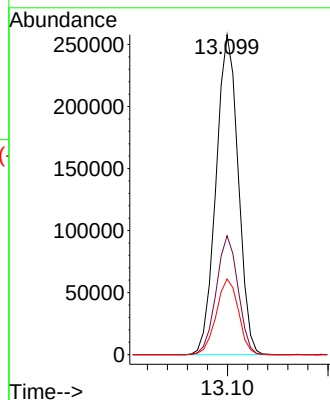
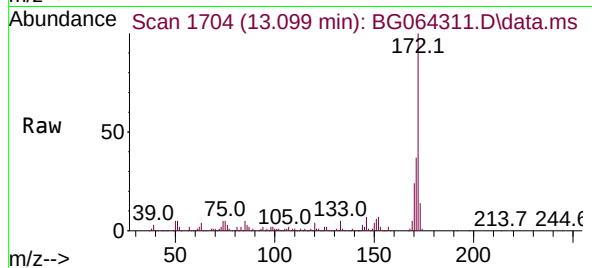
170 23.6 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/09/2025

Supervised By :Jagrut Upadhyay 09/09/2025



#46

1,1'-Biphenyl

Concen: 49.242 ng

RT: 13.311 min Scan# 1740

Delta R.T. -0.007 min

Lab File: BG064311.D

Acq: 8 Sep 2025 17:41

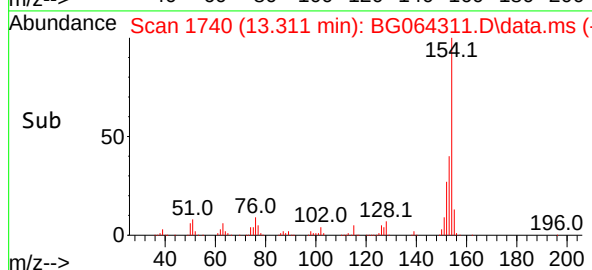
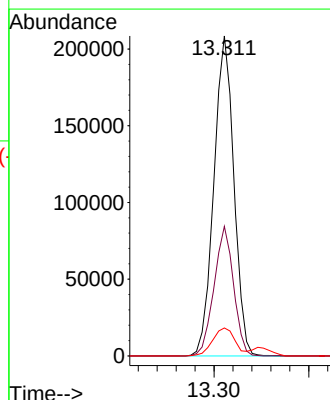
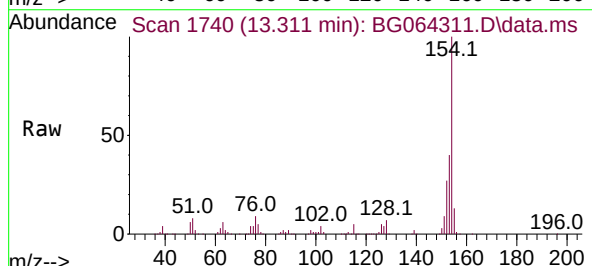
Tgt Ion:154 Resp: 305338

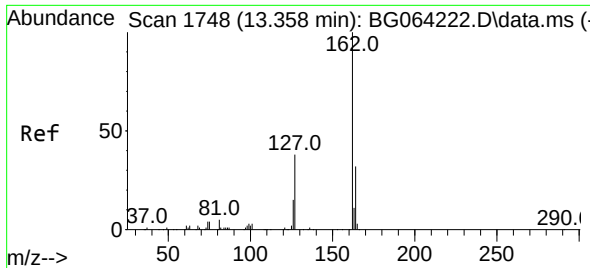
Ion Ratio Lower Upper

154 100

153 40.5 19.9 59.9

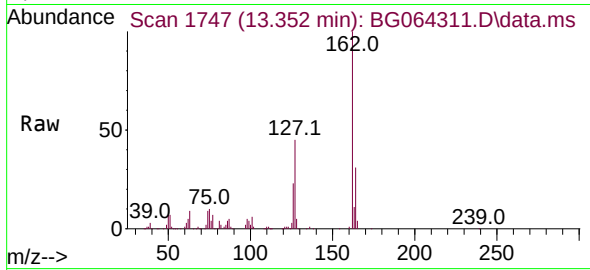
76 8.7 0.0 30.9





#47
2-Chloronaphthalene
Concen: 44.461 ng
RT: 13.352 min Scan# 1747
Delta R.T. -0.007 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

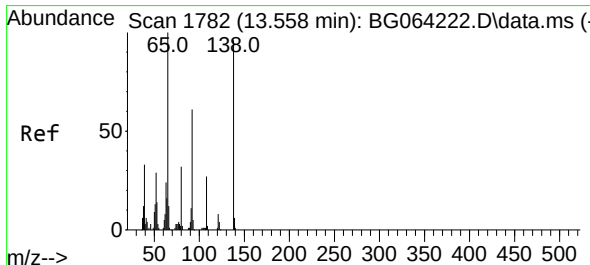
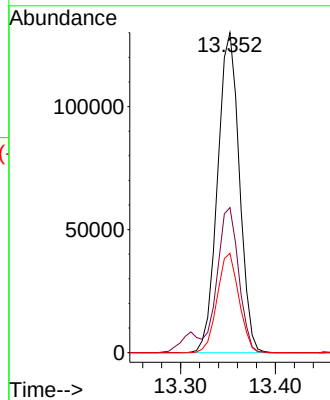
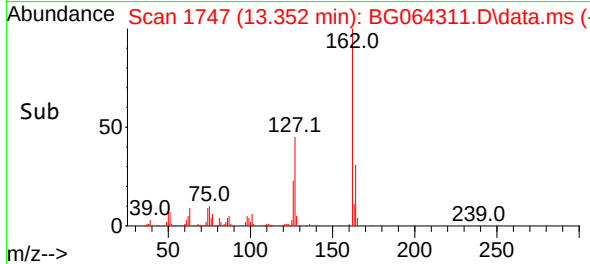
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MSD



Tgt Ion:162 Resp: 207265
Ion Ratio Lower Upper
162 100
127 45.3 33.9 50.9
164 31.0 25.4 38.2

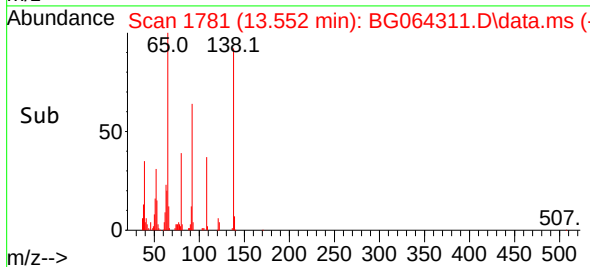
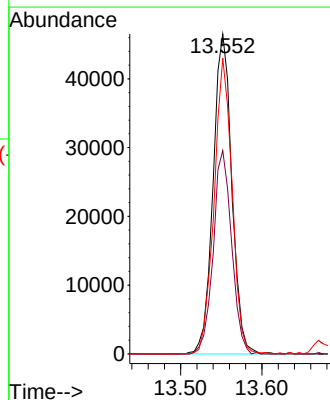
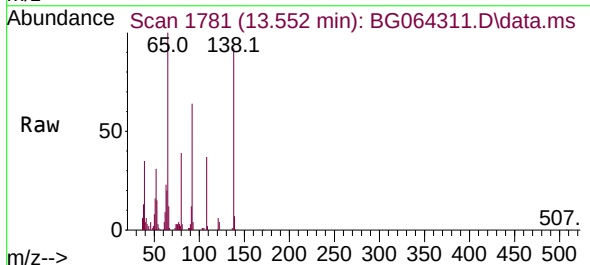
Manual Integrations
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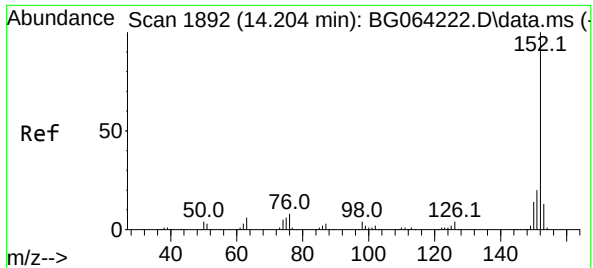
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#48
2-Nitroaniline
Concen: 46.709 ng
RT: 13.552 min Scan# 1781
Delta R.T. -0.012 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

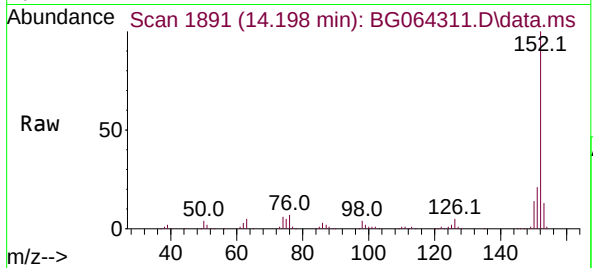
Tgt Ion: 65 Resp: 74215
Ion Ratio Lower Upper
65 100
92 63.5 49.2 73.8
138 92.4 76.8 115.2





#49
Acenaphthylene
Concen: 50.838 ng
RT: 14.198 min Scan# 1891
Delta R.T. -0.007 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

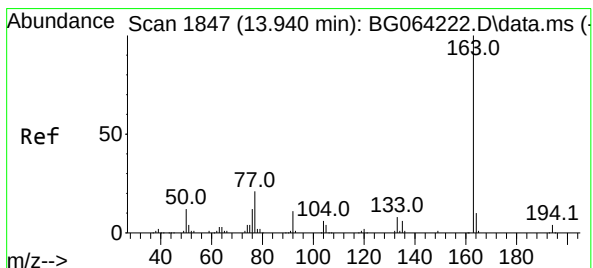
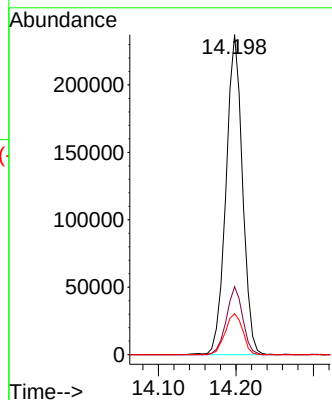
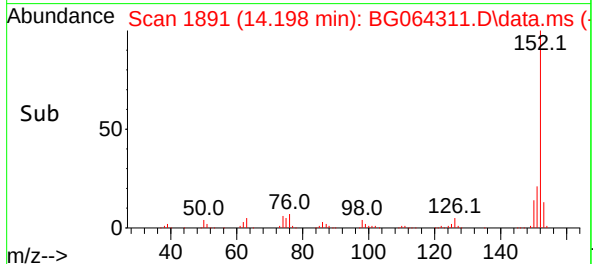
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MSD



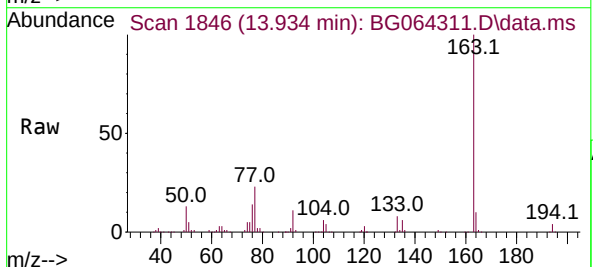
Tgt Ion:152 Resp: 350332
Ion Ratio Lower Upper
152 100
151 21.2 16.2 24.2
153 12.8 10.1 15.1

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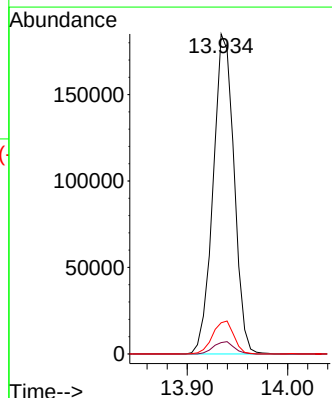
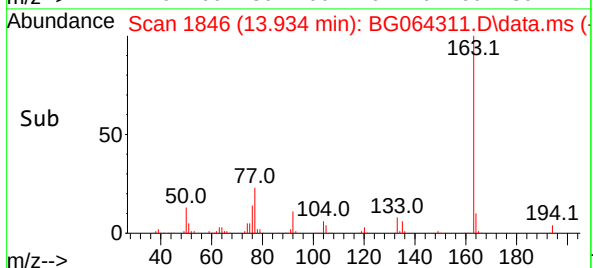
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025

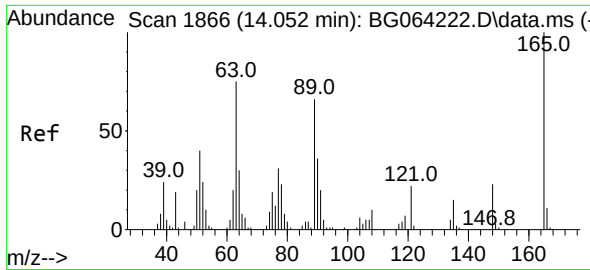


#50
Dimethylphthalate
Concen: 41.628 ng
RT: 13.934 min Scan# 1846
Delta R.T. -0.012 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41



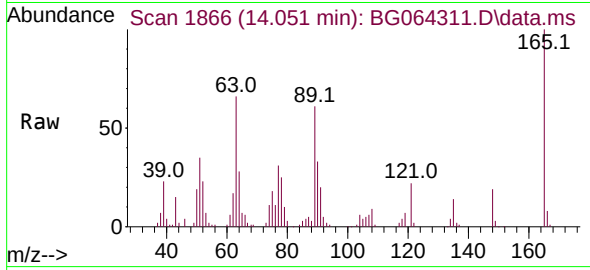
Tgt Ion:163 Resp: 268250
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 9.7 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 50.019 ng
RT: 14.051 min Scan# 1866
Delta R.T. -0.007 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

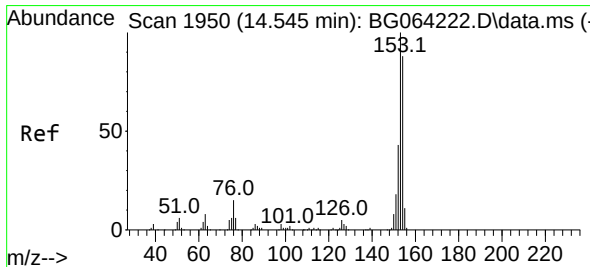
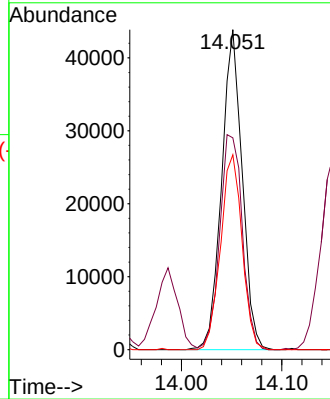
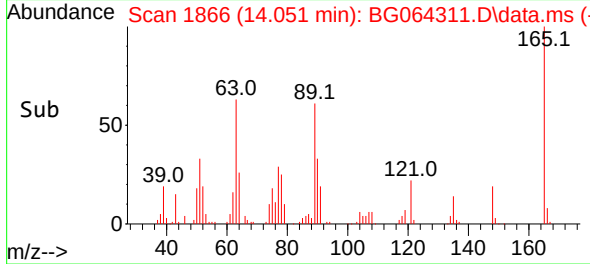
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MSD



Tgt Ion:165 Resp: 62400
Ion Ratio Lower Upper
165 100
63 66.2 60.3 90.5
89 60.9 52.9 79.3

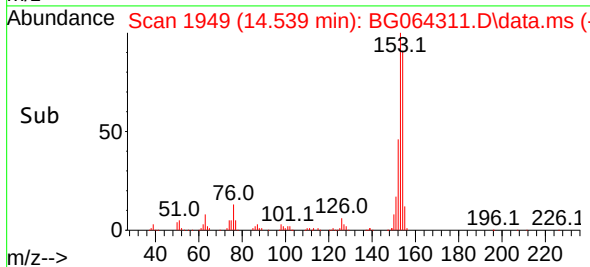
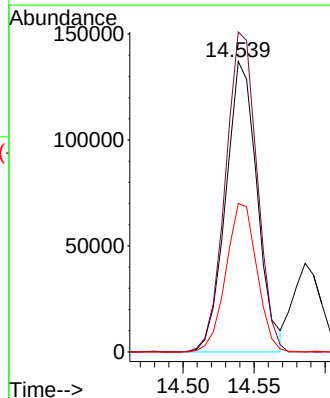
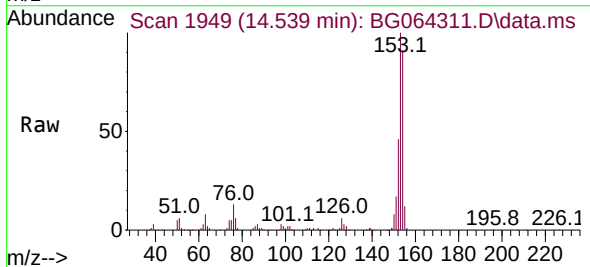
Manual Integrations
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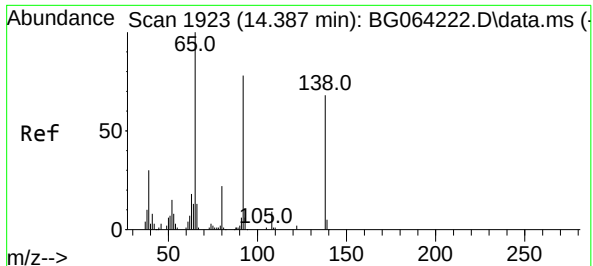
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#52
Acenaphthene
Concen: 43.284 ng
RT: 14.539 min Scan# 1949
Delta R.T. -0.012 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

Tgt Ion:154 Resp: 210493
Ion Ratio Lower Upper
154 100
153 110.2 91.1 136.7
152 51.1 39.6 59.4





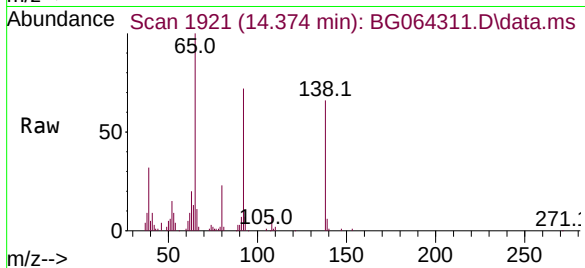
#53
3-Nitroaniline
Concen: 28.153 ng
RT: 14.374 min Scan# 1923
Delta R.T. -0.012 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-1MSD



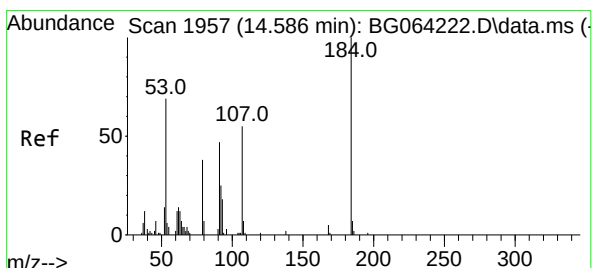
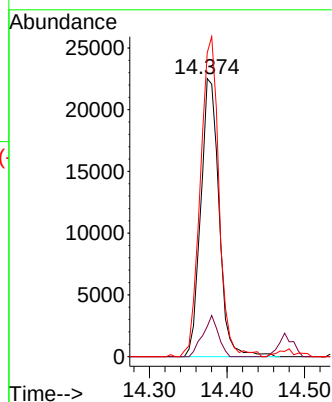
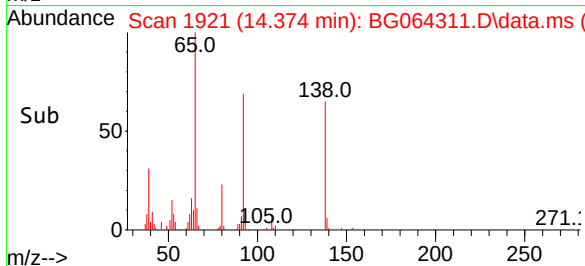
Tgt Ion:138 Resp: 36789
Ion Ratio Lower Upper
138 100
108 10.9 11.0 16.6
92 109.3 91.4 137.0

Manual Integrations

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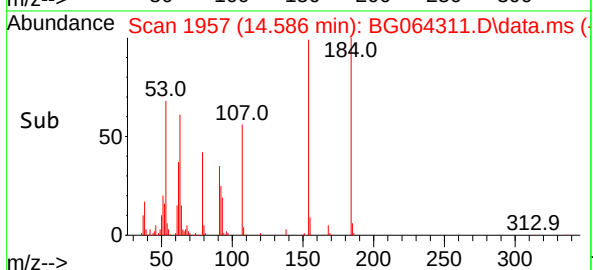
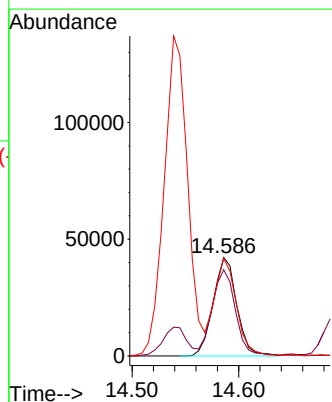
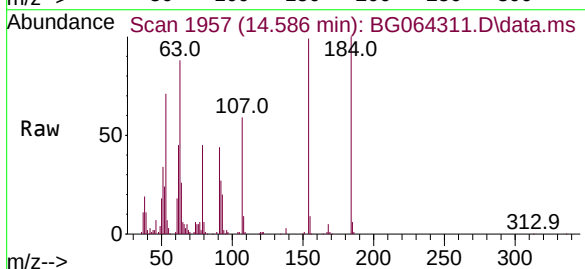
Reviewed By :Rahul Chavli 09/09/2025

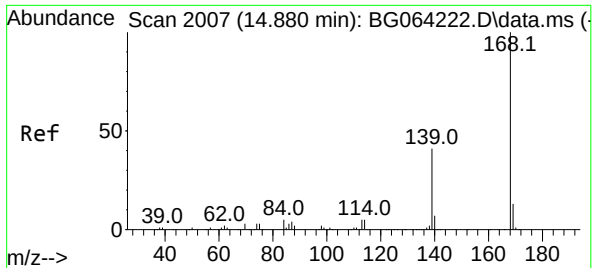
Supervised By :Jagrut Upadhyay 09/09/2025



#54
2,4-Dinitrophenol
Concen: 79.312 ng
RT: 14.586 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

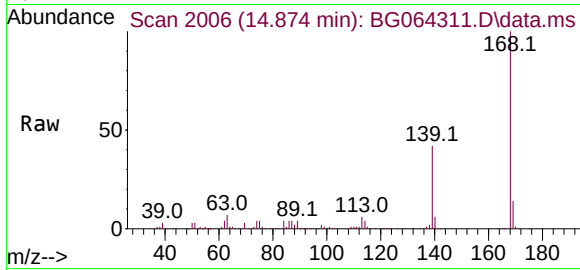
Tgt Ion:184 Resp: 64602
Ion Ratio Lower Upper
184 100
63 87.5 60.1 90.1
154 99.2 59.8 89.8#





#55
Dibenzenofuran
Concen: 44.958 ng
RT: 14.874 min Scan# 2007
Delta R.T. -0.007 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

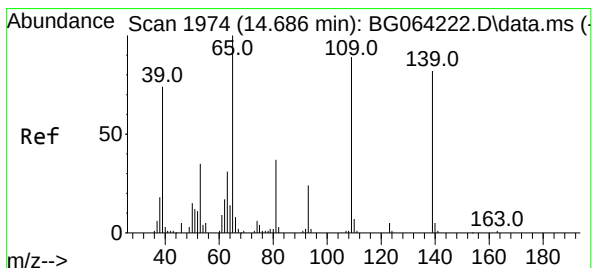
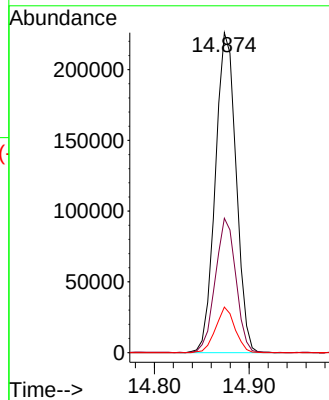
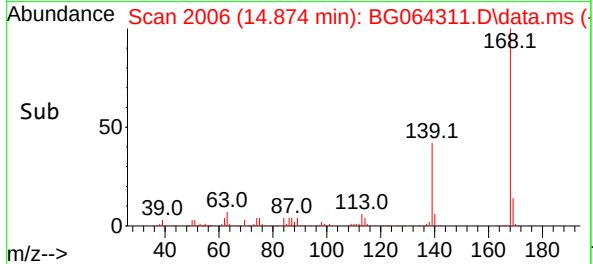
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MSD



Tgt Ion:168 Resp: 343894
Ion Ratio Lower Upper
168 100
139 42.0 33.2 49.8
169 14.2 10.4 15.6

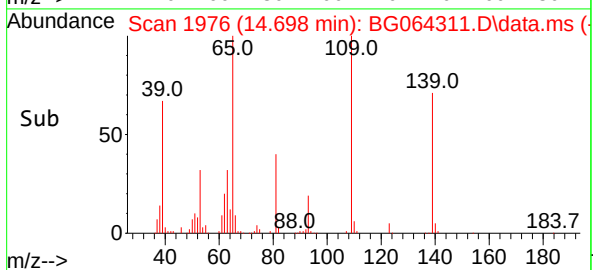
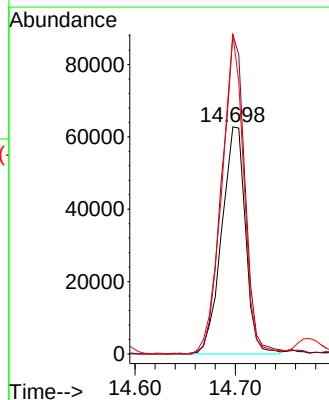
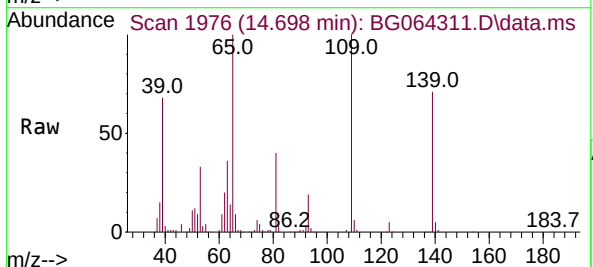
Manual Integrations
APPROVED

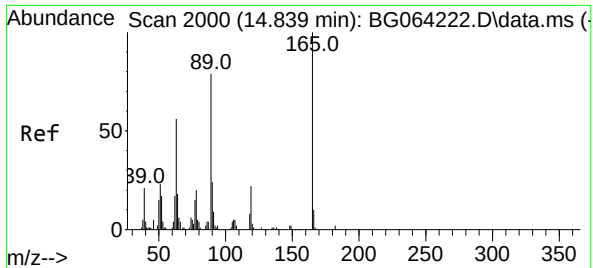
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#56
4-Nitrophenol
Concen: 96.382 ng
RT: 14.698 min Scan# 1976
Delta R.T. -0.001 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

Tgt Ion:139 Resp: 103316
Ion Ratio Lower Upper
139 100
109 140.6 89.1 129.1#
65 141.0 102.9 142.9





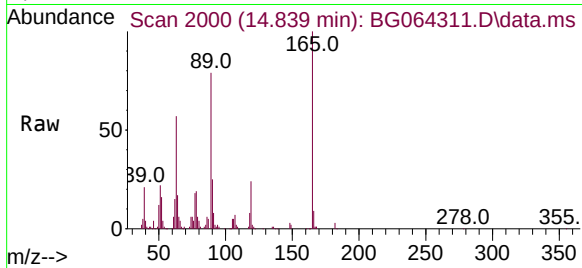
#57
2,4-Dinitrotoluene
Concen: 48.923 ng
RT: 14.839 min Scan# 2000
Delta R.T. -0.007 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-1MSD

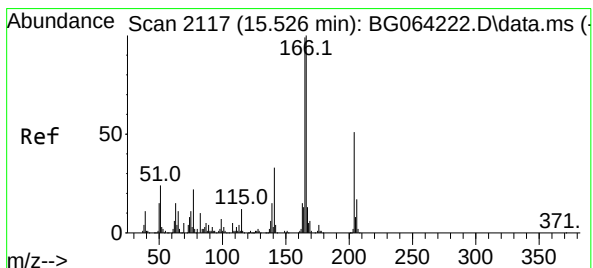
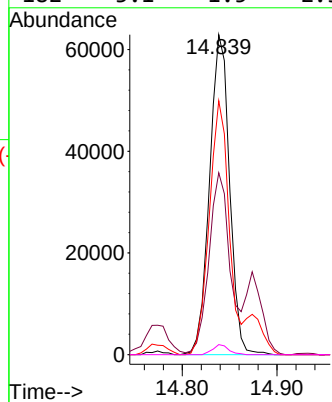
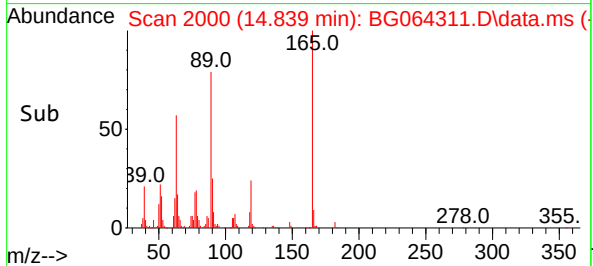


Tgt Ion:165 Resp: 92282
Ion Ratio Lower Upper
165 100
63 56.8 44.6 67.0
89 79.3 63.0 94.4
182 3.1 1.5 2.3#

Manual Integrations

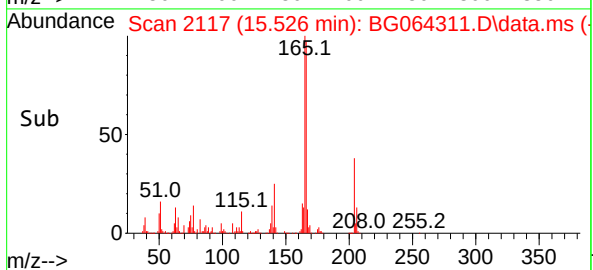
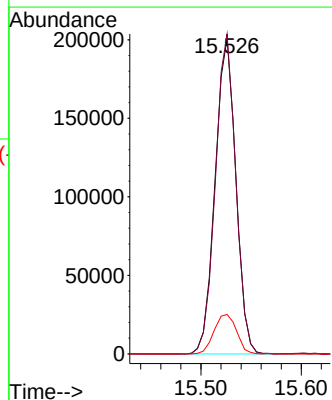
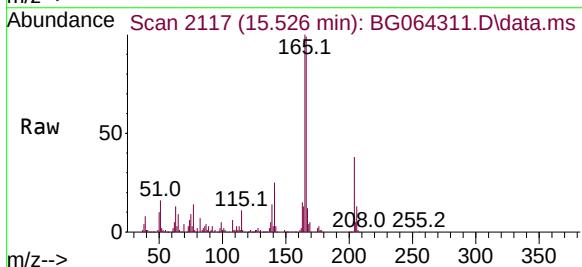
APPROVED

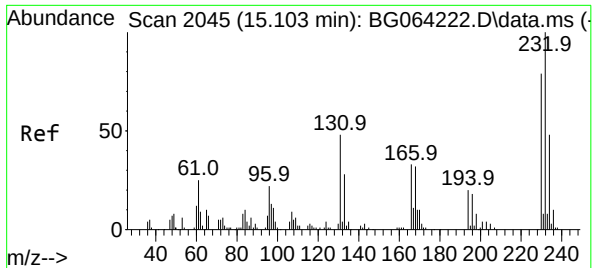
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#58
Fluorene
Concen: 45.955 ng
RT: 15.526 min Scan# 2117
Delta R.T. -0.007 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

Tgt Ion:166 Resp: 288114
Ion Ratio Lower Upper
166 100
165 101.3 79.1 118.7
167 12.5 10.2 15.4





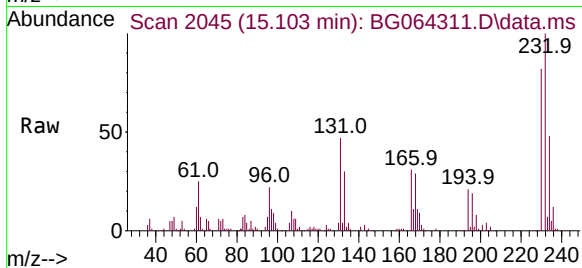
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.796 ng
RT: 15.103 min Scan# 2045
Delta R.T. -0.007 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-1MSD



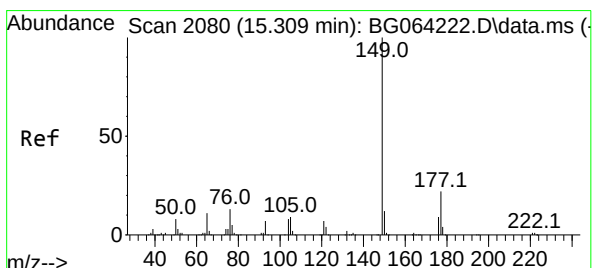
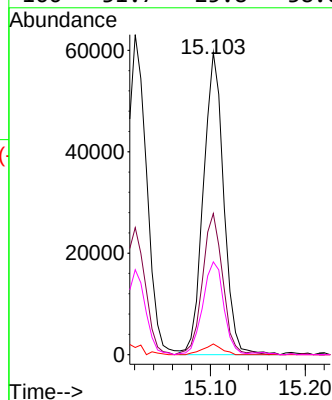
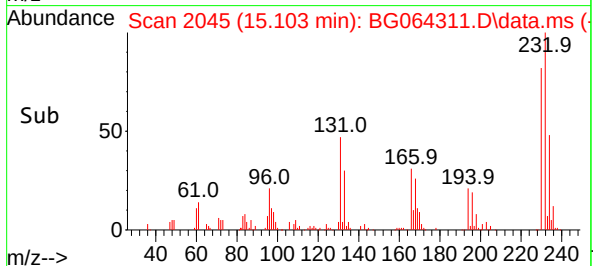
Tgt Ion:232 Resp: 88726
Ion Ratio Lower Upper
232 100
131 46.6 37.1 55.7
130 3.3 2.6 3.8
166 31.7 25.8 38.6

Manual Integrations

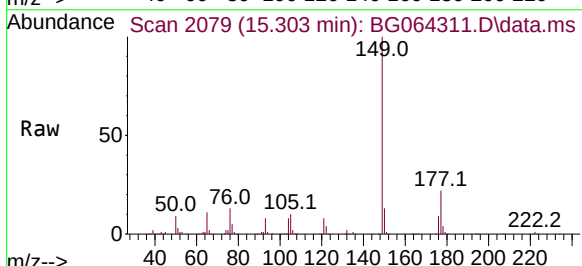
APPROVED

Reviewed By :Rahul Chavli 09/09/2025

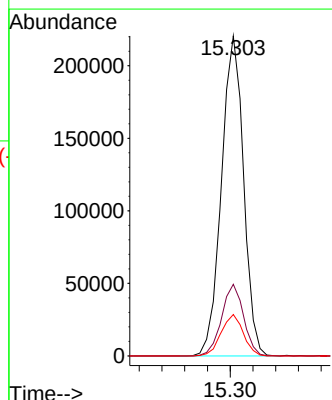
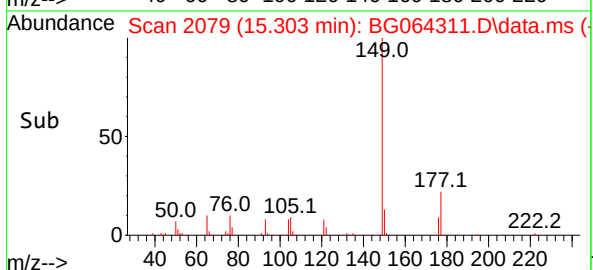
Supervised By :Jagrut Upadhyay 09/09/2025

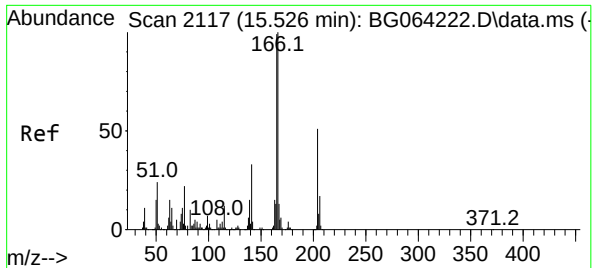


#60
Diethylphthalate
Concen: 43.126 ng
RT: 15.303 min Scan# 2079
Delta R.T. -0.012 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41



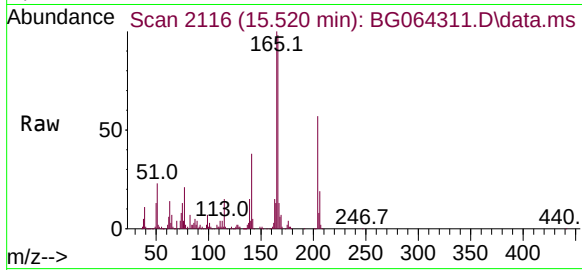
Tgt Ion:149 Resp: 297415
Ion Ratio Lower Upper
149 100
177 22.4 17.5 26.3
150 12.9 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 47.136 ng
RT: 15.520 min Scan# 2116
Delta R.T. -0.007 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

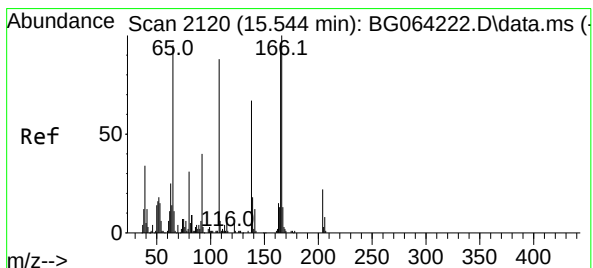
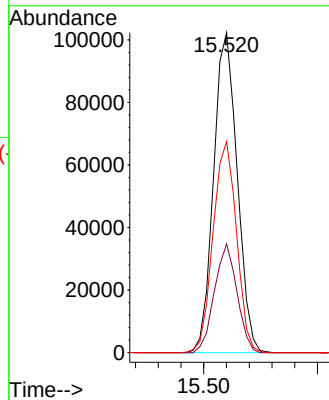
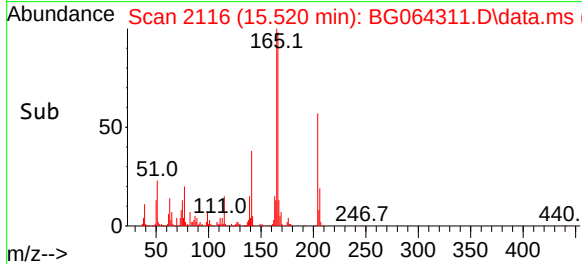
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MSD



Tgt Ion:204 Resp: 14734
Ion Ratio Lower Upper
204 100
206 34.0 26.2 39.4
141 66.0 51.9 77.9

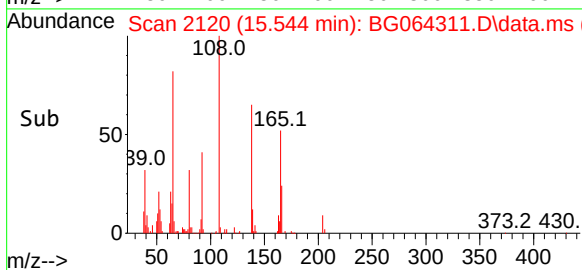
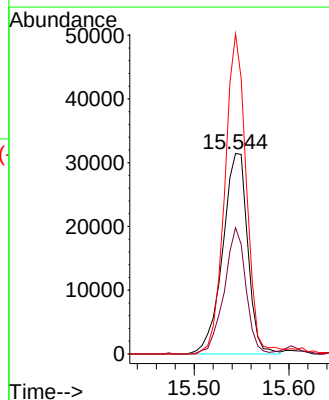
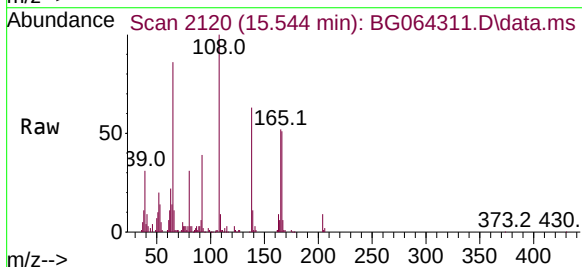
Manual Integrations
APPROVED

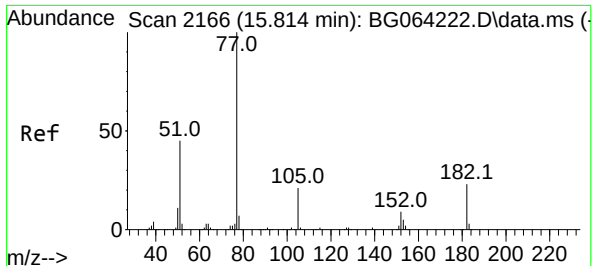
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#62
4-Nitroaniline
Concen: 43.225 ng
RT: 15.544 min Scan# 2120
Delta R.T. -0.012 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

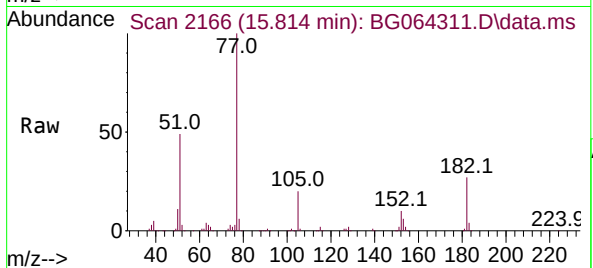
Tgt Ion:138 Resp: 57638
Ion Ratio Lower Upper
138 100
92 63.0 39.1 79.1
108 159.7 111.3 151.3#





#63
Azobenzene
Concen: 45.498 ng
RT: 15.814 min Scan# 2166
Delta R.T. -0.007 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

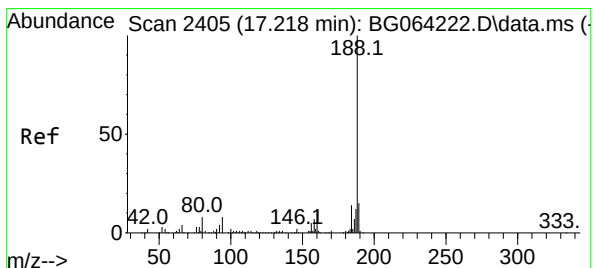
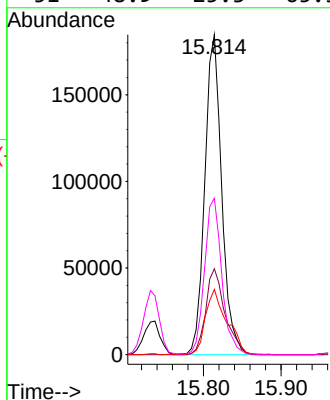
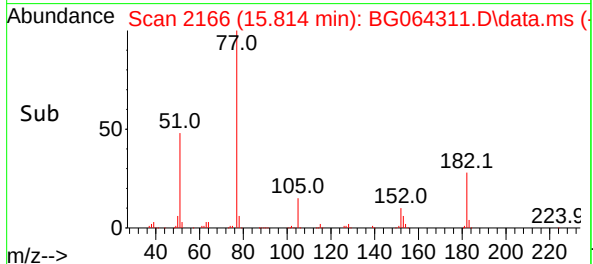
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MSD



Tgt Ion: 77 Resp: 279664
Ion Ratio Lower Upper
77 100
182 26.8 3.3 43.3
105 20.4 0.6 40.6
51 48.9 25.3 65.3

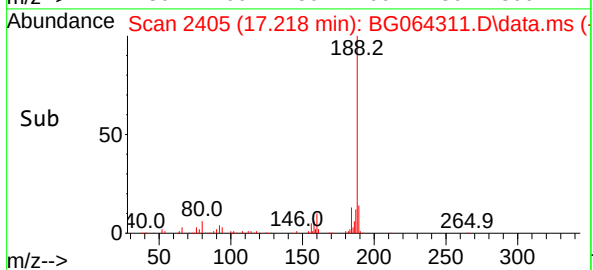
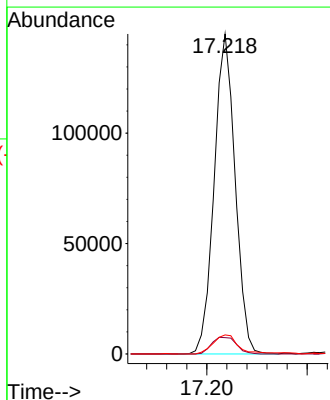
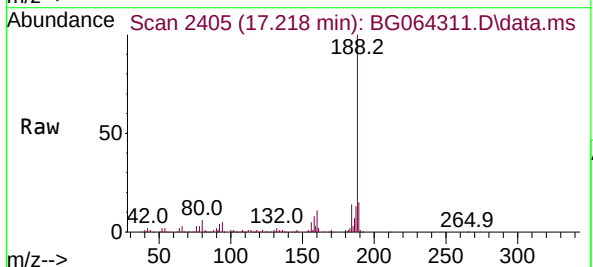
Manual Integrations
APPROVED

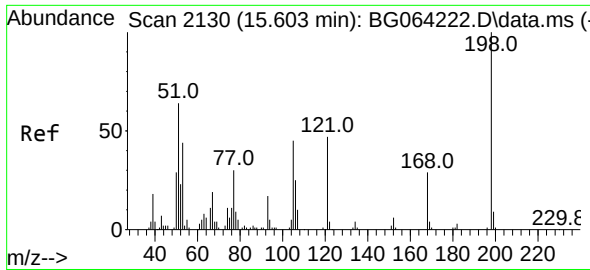
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.218 min Scan# 2405
Delta R.T. -0.007 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

Tgt Ion:188 Resp: 210434
Ion Ratio Lower Upper
188 100
94 5.1 6.2 9.4#
80 5.9 6.8 10.2#





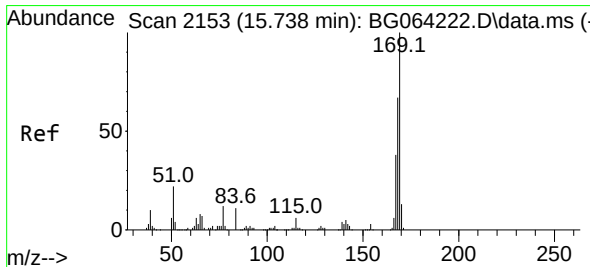
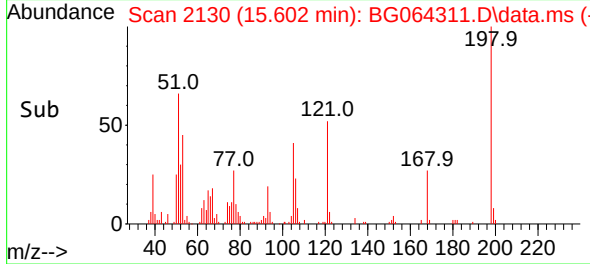
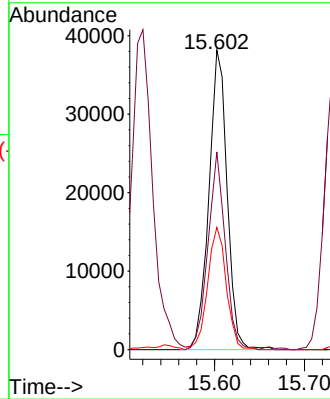
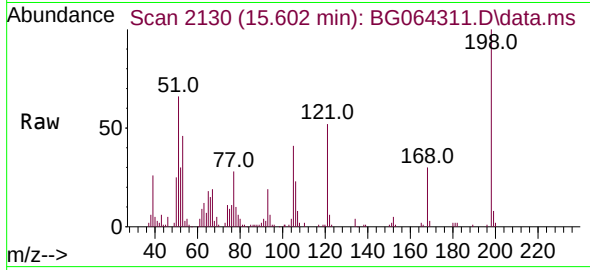
#65
4,6-Dinitro-2-methylphenol
Concen: 44.702 ng
RT: 15.602 min Scan# 2130
Delta R.T. -0.007 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MSD

Tgt Ion:198 Resp: 5400
Ion Ratio Lower Upper
198 100
51 66.0 46.2 86.2
105 40.8 25.0 65.0

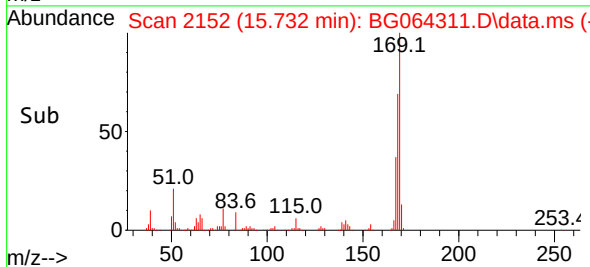
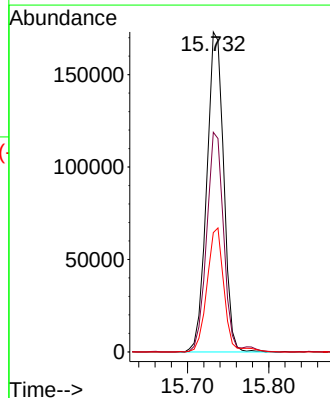
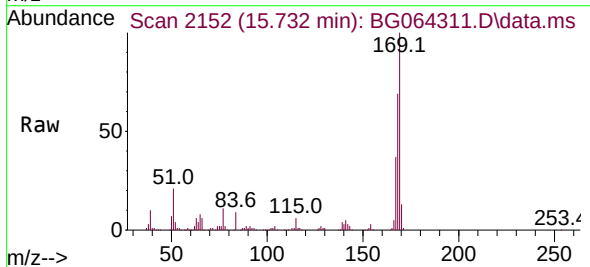
Manual Integrations
APPROVED

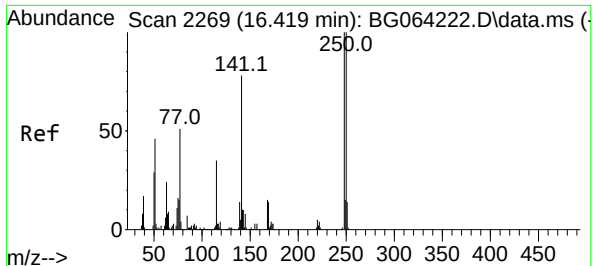
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#66
n-Nitrosodiphenylamine
Concen: 43.351 ng
RT: 15.732 min Scan# 2152
Delta R.T. -0.012 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

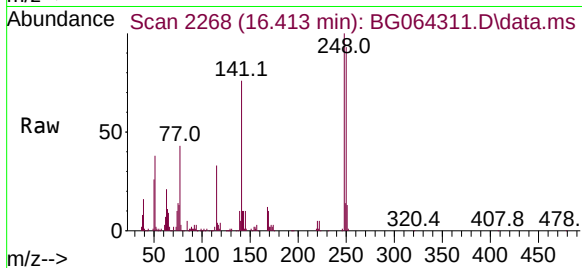
Tgt Ion:169 Resp: 250954
Ion Ratio Lower Upper
169 100
168 68.6 53.8 80.8
167 37.3 30.2 45.2





#67
4-Bromophenyl-phenylether
Concen: 47.501 ng
RT: 16.413 min Scan# 2268
Delta R.T. -0.007 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

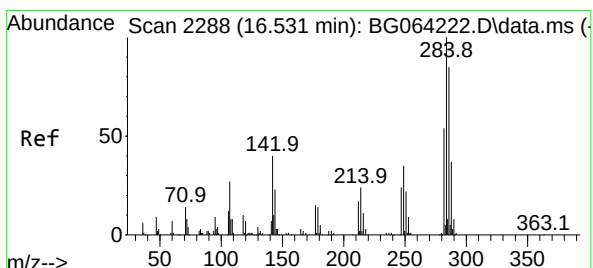
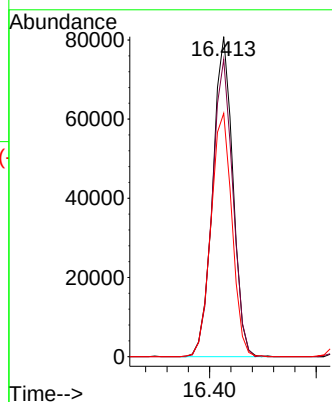
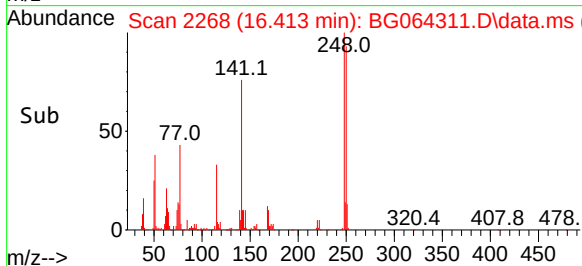
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MSD



Tgt Ion:248 Resp: 106168
Ion Ratio Lower Upper
248 100
250 92.9 80.2 120.4
141 76.0 62.4 93.6

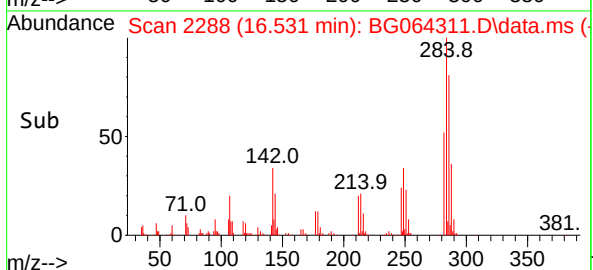
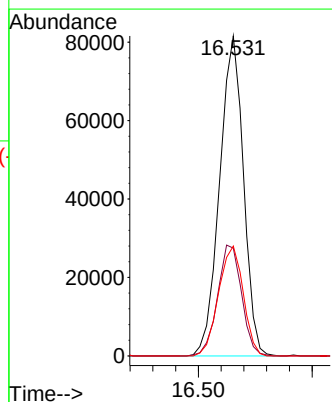
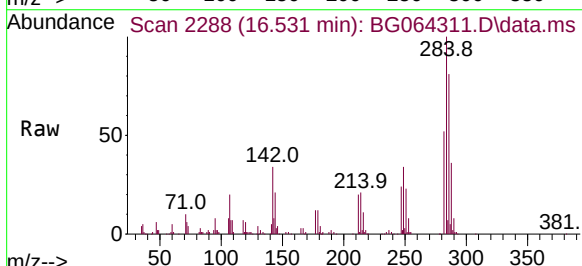
Manual Integrations
APPROVED

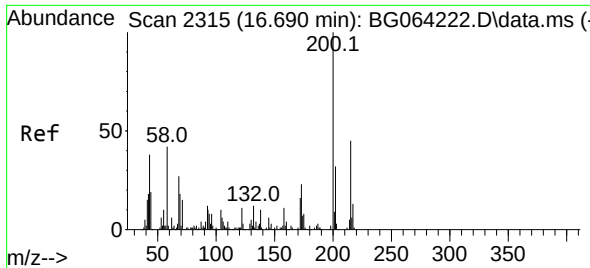
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#68
Hexachlorobenzene
Concen: 47.751 ng
RT: 16.531 min Scan# 2288
Delta R.T. -0.007 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

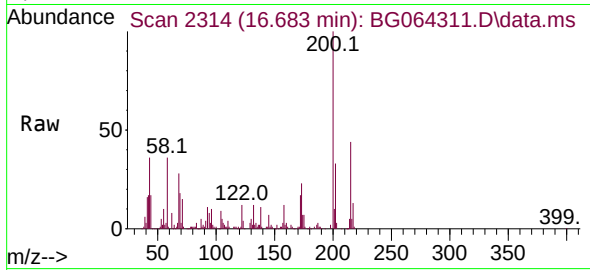
Tgt Ion:284 Resp: 118518
Ion Ratio Lower Upper
284 100
142 33.7 32.1 48.1
249 34.3 28.3 42.5





#69
Atrazine
Concen: 46.597 ng
RT: 16.683 min Scan# 2314
Delta R.T. -0.012 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

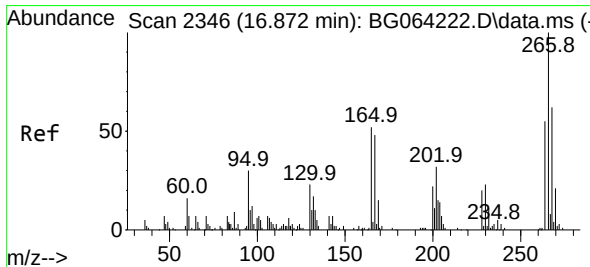
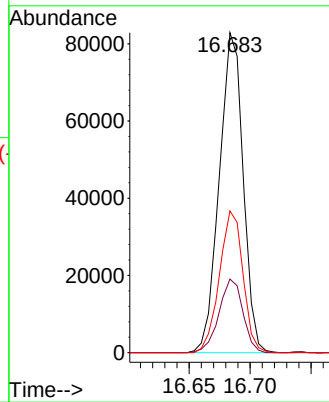
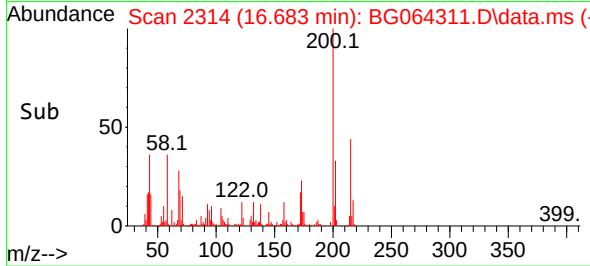
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MSD



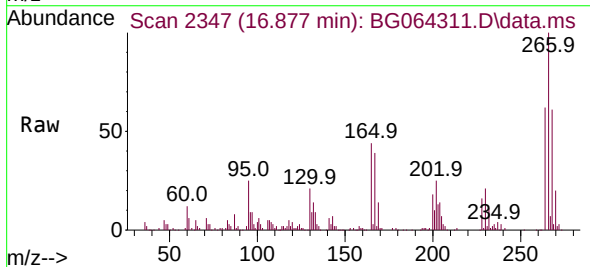
Tgt Ion:200 Resp: 112629
Ion Ratio Lower Upper
200 100
173 23.0 3.5 43.5
215 44.3 24.8 64.8

Manual Integrations
APPROVED

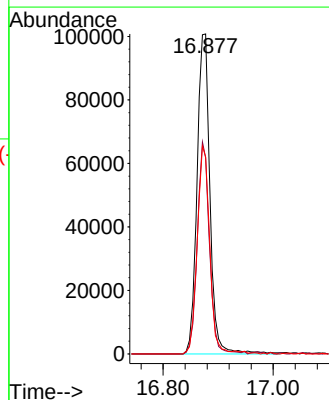
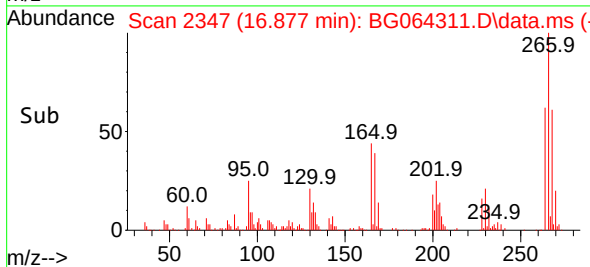
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025

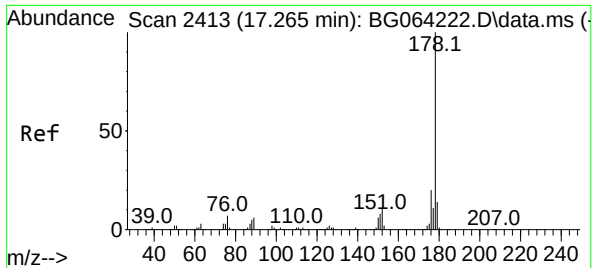


#70
Pentachlorophenol
Concen: 109.119 ng
RT: 16.877 min Scan# 2347
Delta R.T. -0.001 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41



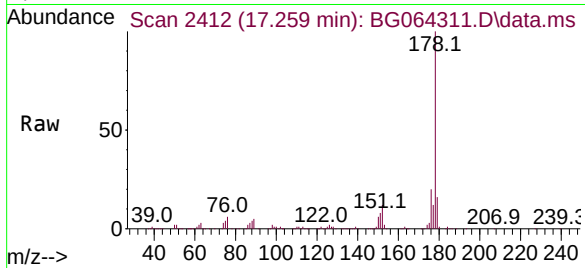
Tgt Ion:266 Resp: 164219
Ion Ratio Lower Upper
266 100
268 64.6 49.4 74.0
264 61.5 44.3 66.5





#71
Phenanthrene
Concen: 44.031 ng
RT: 17.259 min Scan# 2413
Delta R.T. -0.007 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

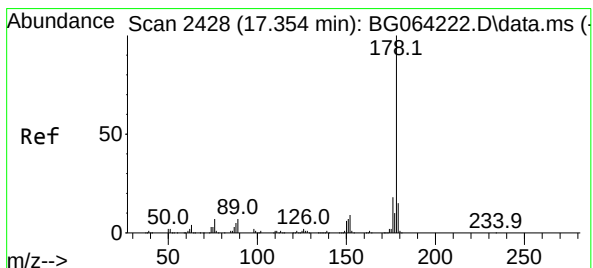
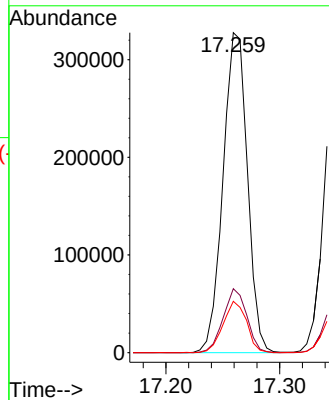
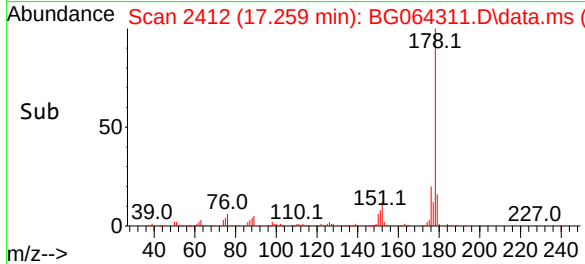
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MSD



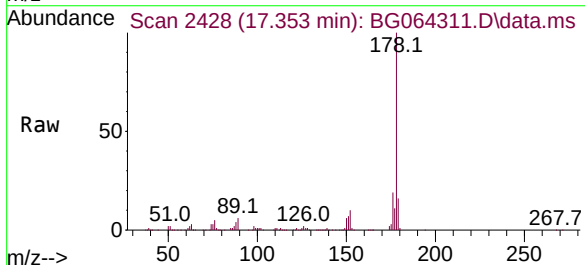
Tgt Ion:178 Resp: 488694
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 16.0 11.4 17.2

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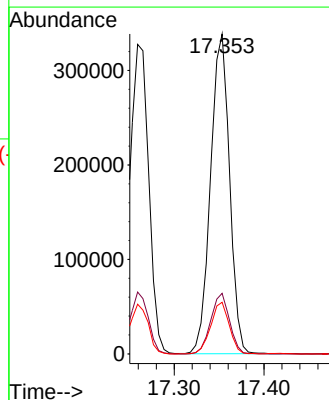
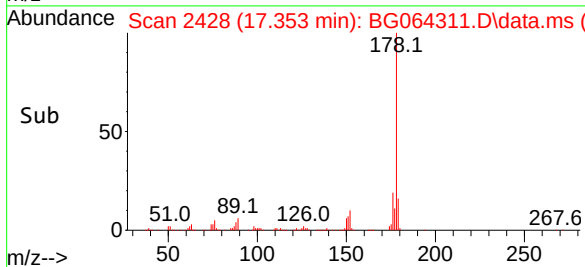
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025

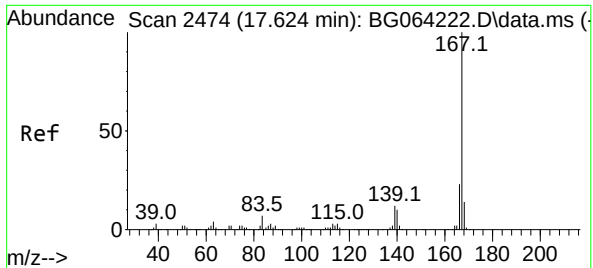


#72
Anthracene
Concen: 44.000 ng
RT: 17.353 min Scan# 2428
Delta R.T. -0.007 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41



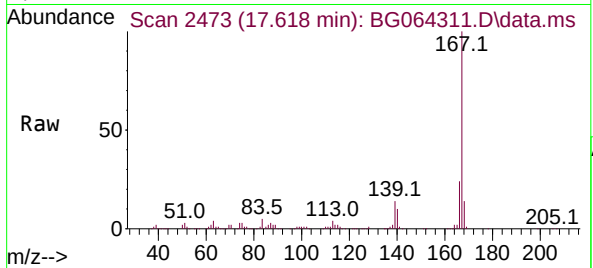
Tgt Ion:178 Resp: 496769
Ion Ratio Lower Upper
178 100
176 18.9 14.7 22.1
179 16.1 12.1 18.1





#73
Carbazole
Concen: 44.859 ng
RT: 17.618 min Scan# 2473
Delta R.T. -0.007 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

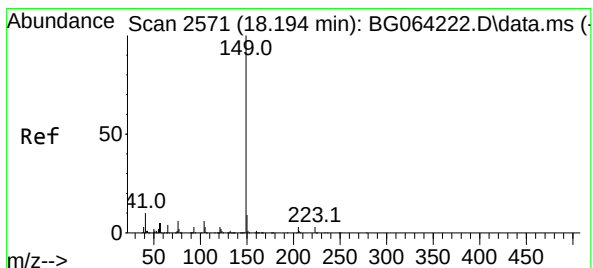
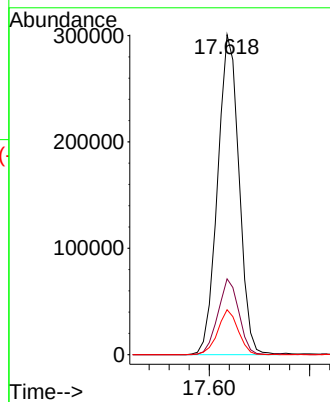
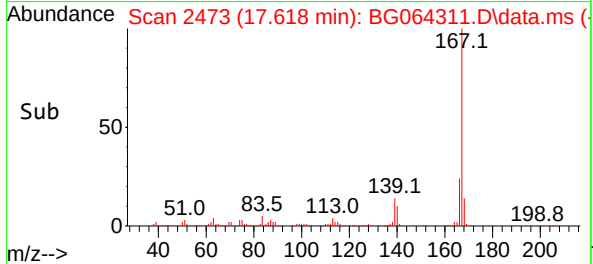
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MSD



Tgt Ion:167 Resp: 446158
Ion Ratio Lower Upper
167 100
166 23.7 18.2 27.2
139 14.1 9.8 14.6

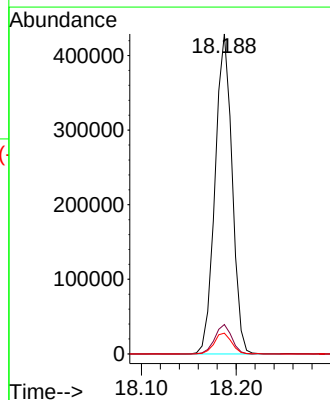
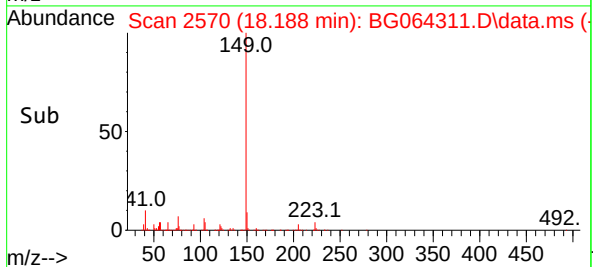
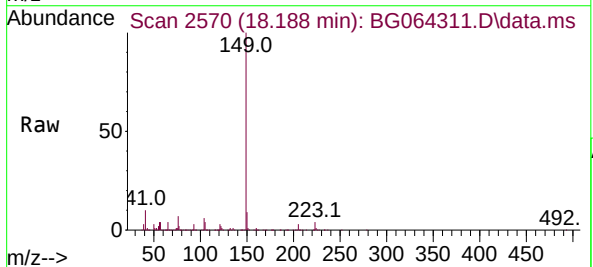
Manual Integrations
APPROVED

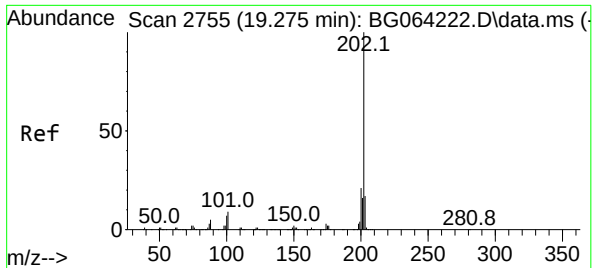
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#74
Di-n-butylphthalate
Concen: 44.741 ng
RT: 18.188 min Scan# 2570
Delta R.T. -0.007 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

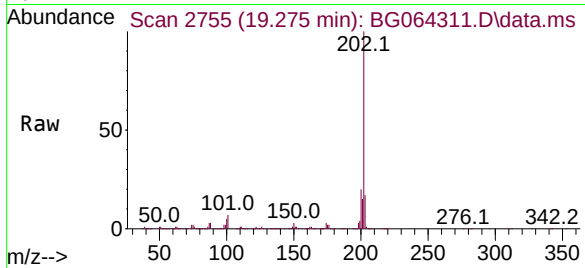
Tgt Ion:149 Resp: 534612
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 6.5 4.6 7.0





#75
Fluoranthene
Concen: 48.652 ng
RT: 19.275 min Scan# 2755
Delta R.T. -0.001 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

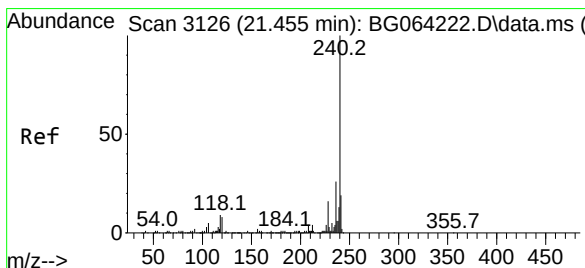
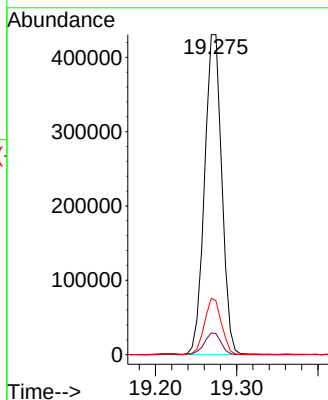
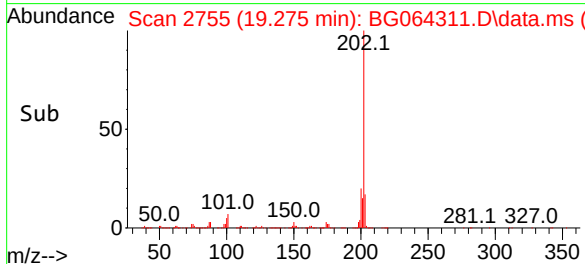
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MSD



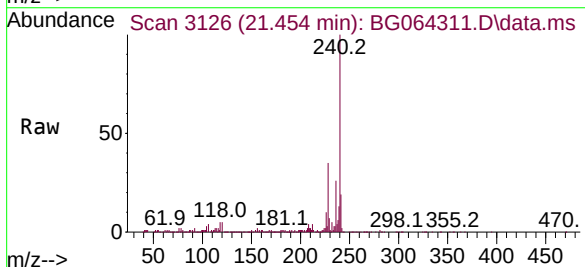
Tgt Ion:202 Resp: 634926
Ion Ratio Lower Upper
202 100
101 6.6 0.0 28.7
203 16.8 0.0 36.9

Manual Integrations
APPROVED

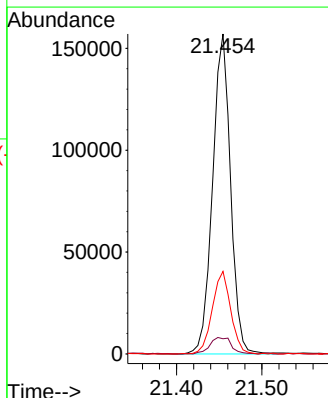
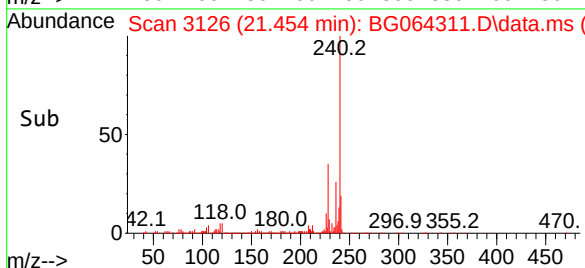
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025

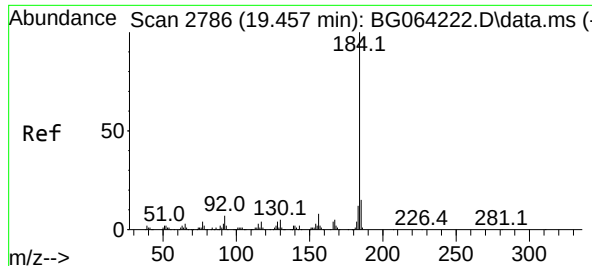


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.454 min Scan# 3126
Delta R.T. -0.001 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41



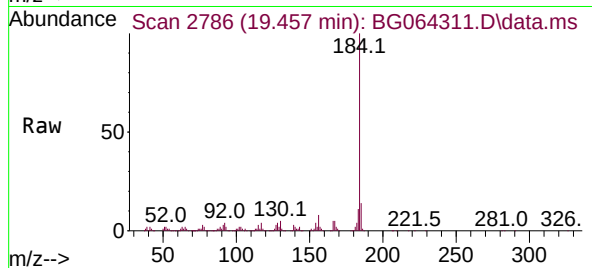
Tgt Ion:240 Resp: 229459
Ion Ratio Lower Upper
240 100
120 4.7 6.2 9.4#
236 25.8 20.5 30.7





#77
Benzidine
Concen: 66.757 ng
RT: 19.457 min Scan# 2786
Delta R.T. -0.001 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

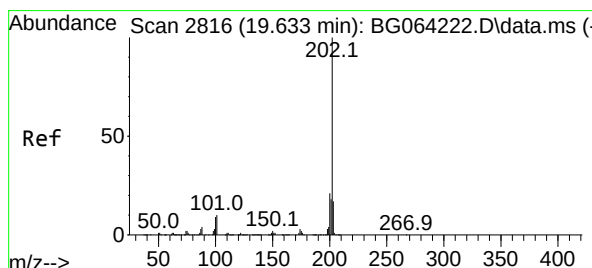
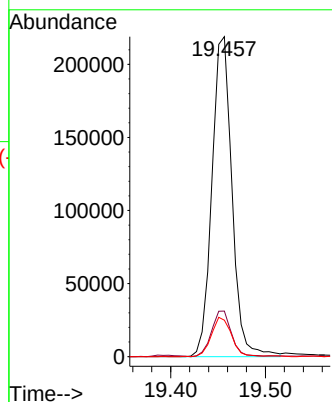
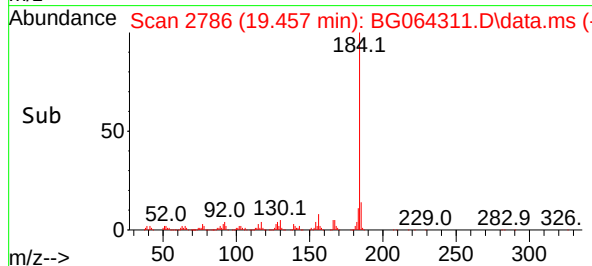
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MSD



Tgt Ion:184 Resp: 322238
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 11.4 9.7 14.5

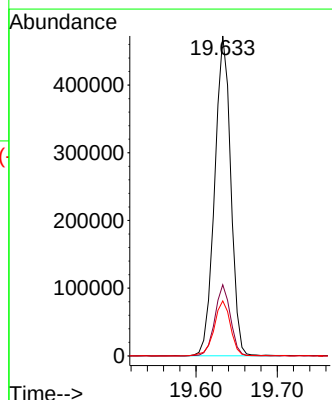
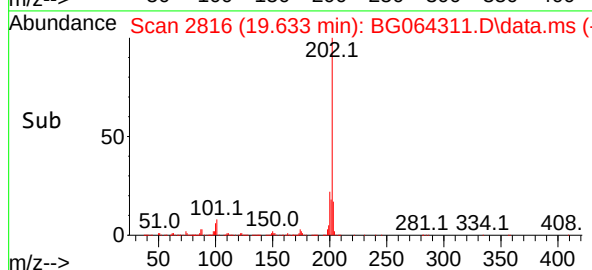
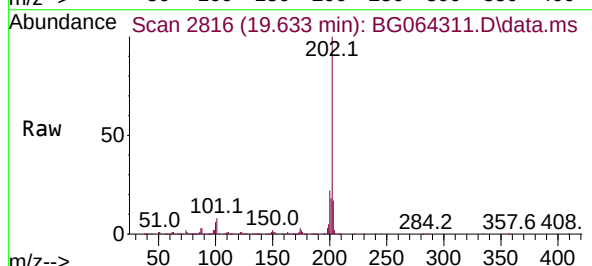
Manual Integrations
APPROVED

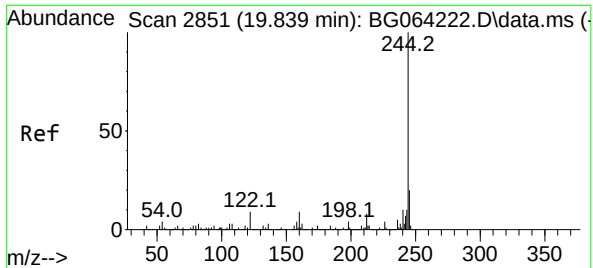
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#78
Pyrene
Concen: 44.940 ng
RT: 19.633 min Scan# 2816
Delta R.T. -0.007 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

Tgt Ion:202 Resp: 649657
Ion Ratio Lower Upper
202 100
200 22.2 16.9 25.3
203 17.2 13.8 20.8





#79

Terphenyl-d14

Concen: 72.710 ng

RT: 19.839 min Scan# 2851

Delta R.T. -0.007 min

Lab File: BG064311.D

Acq: 8 Sep 2025 17:41

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-1MSD

Tgt Ion:244 Resp: 799674

Ion Ratio Lower Upper

244 100

212 8.2 6.6 10.0

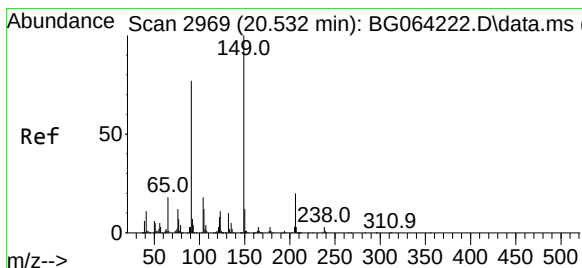
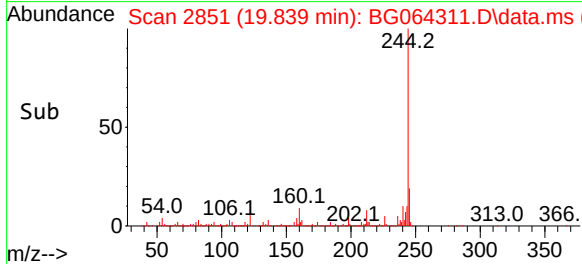
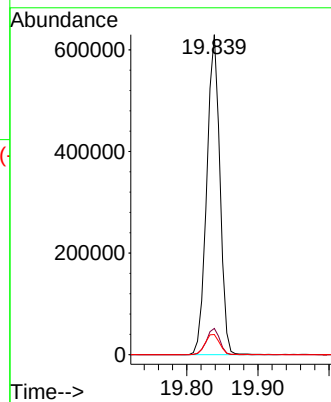
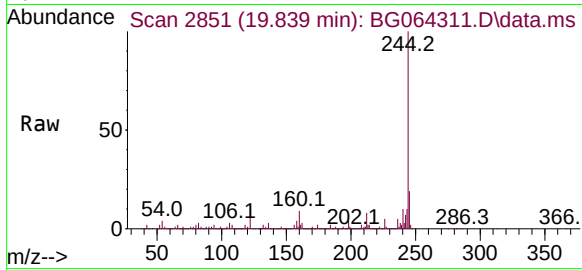
122 6.3 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/09/2025

Supervised By :Jagrut Upadhyay 09/09/2025



#80

Butylbenzylphthalate

Concen: 46.193 ng

RT: 20.532 min Scan# 2969

Delta R.T. -0.001 min

Lab File: BG064311.D

Acq: 8 Sep 2025 17:41

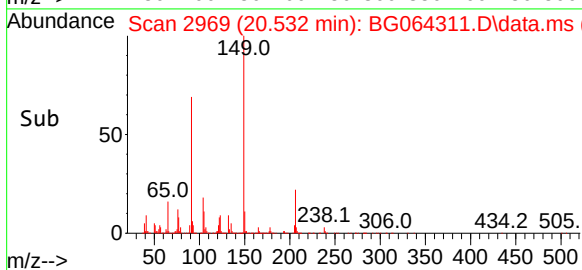
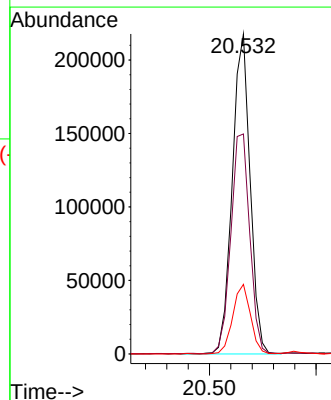
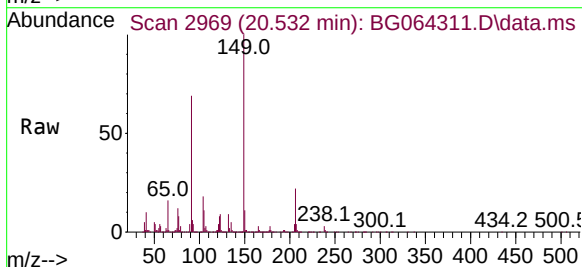
Tgt Ion:149 Resp: 251870

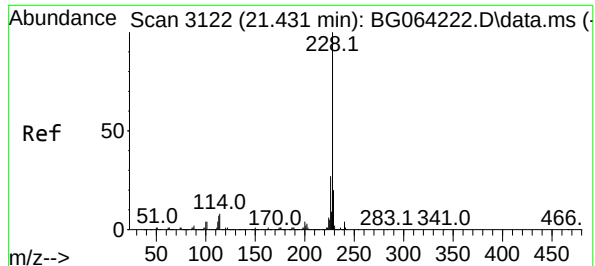
Ion Ratio Lower Upper

149 100

91 68.7 61.4 92.0

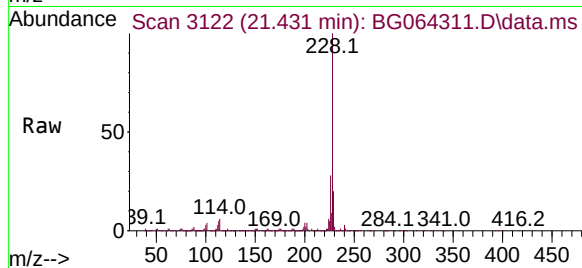
206 21.7 15.8 23.6





#81
Benzo(a)anthracene
Concen: 46.528 ng
RT: 21.431 min Scan# 3122
Delta R.T. -0.007 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

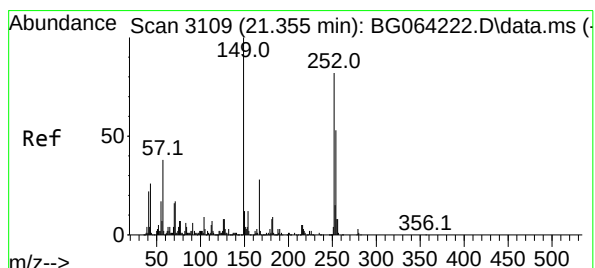
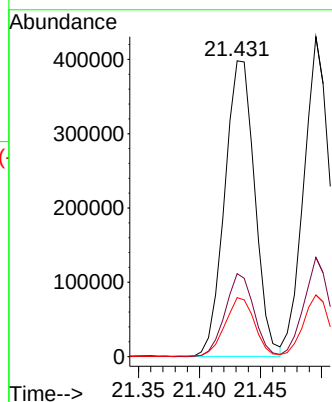
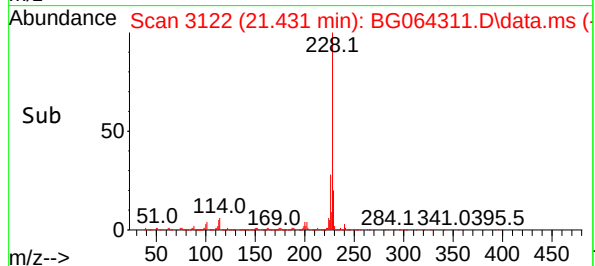
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MSD



Tgt Ion:228 Resp: 683017
Ion Ratio Lower Upper
228 100
226 28.0 21.7 32.5
229 20.0 15.9 23.9

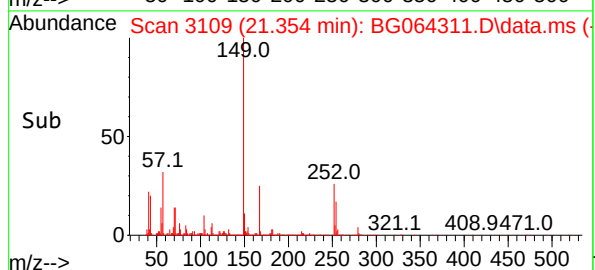
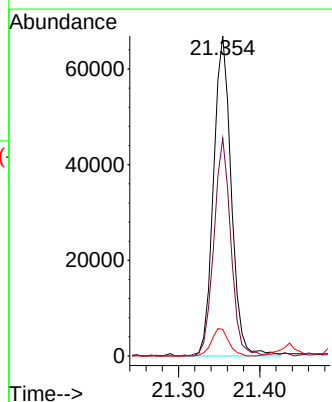
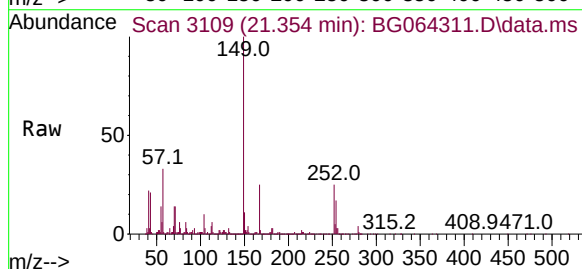
Manual Integrations
APPROVED

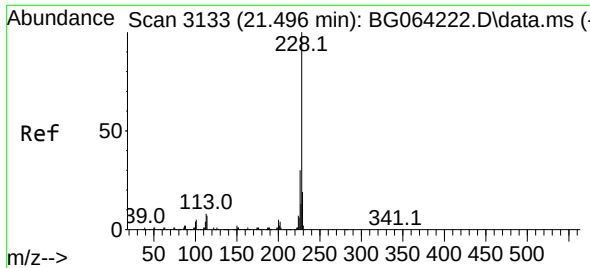
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#82
3,3'-Dichlorobenzidine
Concen: 21.179 ng
RT: 21.354 min Scan# 3109
Delta R.T. -0.007 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

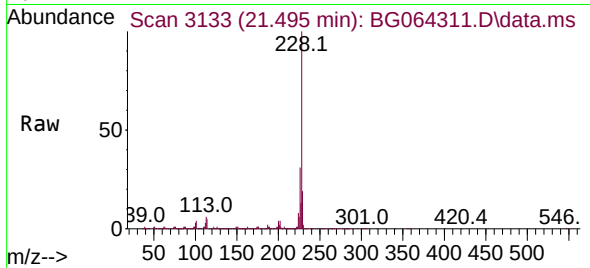
Tgt Ion:252 Resp: 101253
Ion Ratio Lower Upper
252 100
254 68.0 51.9 77.9
126 8.3 7.6 11.4





#83
Chrysene
Concen: 44.669 ng
RT: 21.495 min Scan# 3133
Delta R.T. -0.007 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

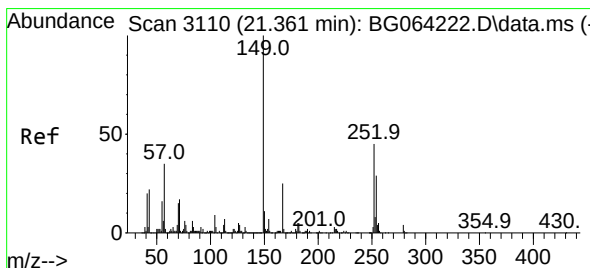
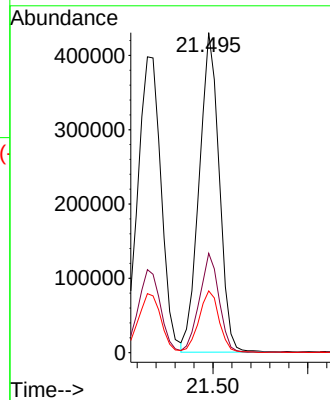
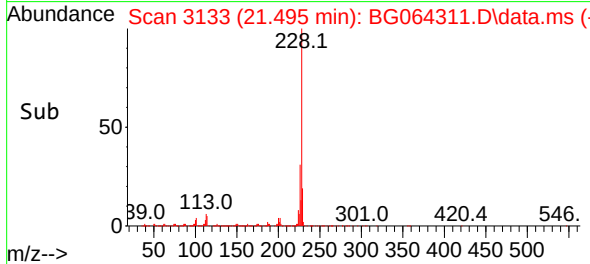
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MSD



Tgt Ion:228 Resp: 629528
Ion Ratio Lower Upper
228 100
226 31.0 24.2 36.2
229 19.3 15.4 23.2

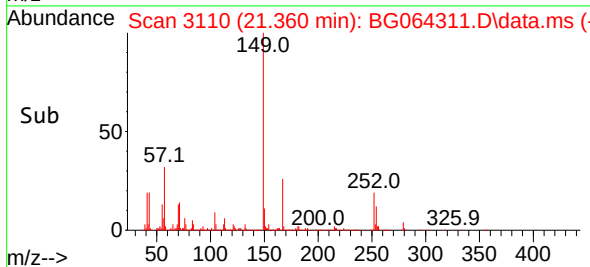
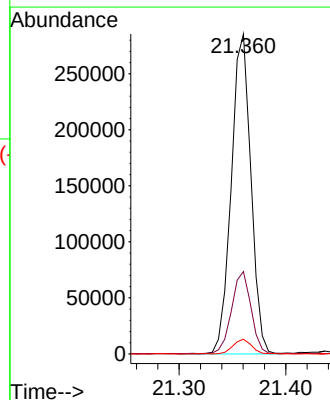
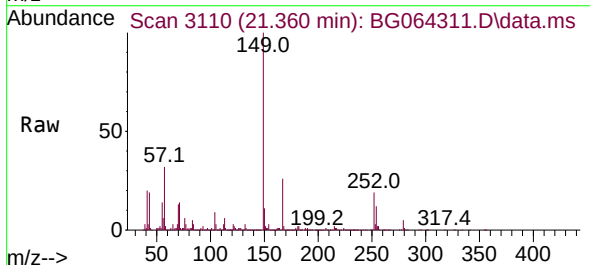
Manual Integrations
APPROVED

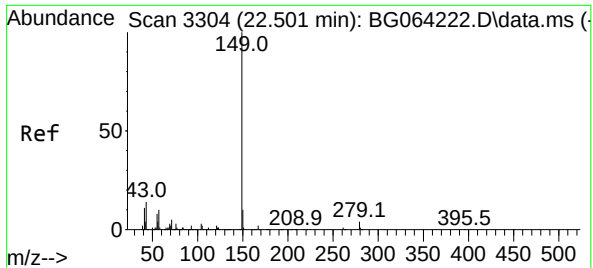
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.694 ng
RT: 21.360 min Scan# 3110
Delta R.T. -0.007 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

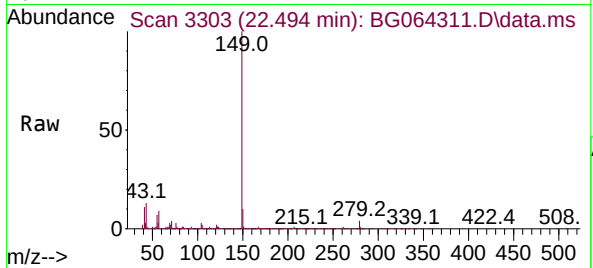
Tgt Ion:149 Resp: 365874
Ion Ratio Lower Upper
149 100
167 25.7 20.0 30.0
279 4.6 3.0 4.4#





#85
Di-n-octyl phthalate
Concen: 43.714 ng
RT: 22.494 min Scan# 3304
Delta R.T. -0.012 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

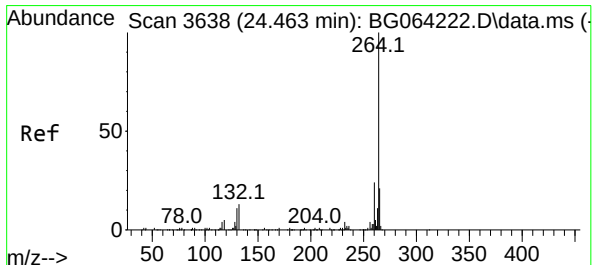
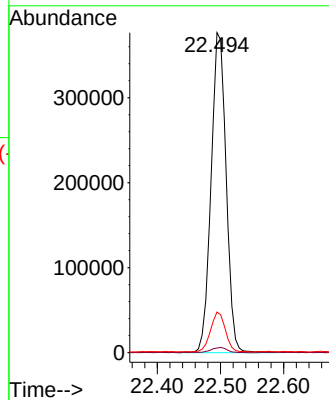
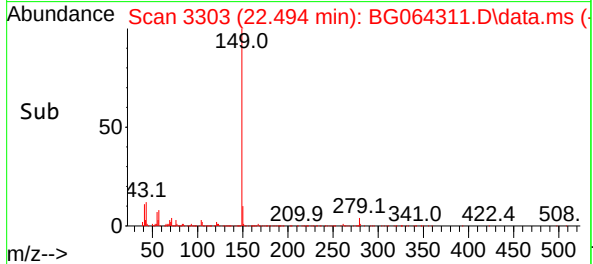
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MSD



Tgt Ion:149 Resp: 623515
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 12.2 10.8 16.2

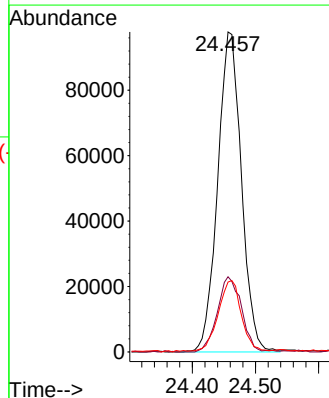
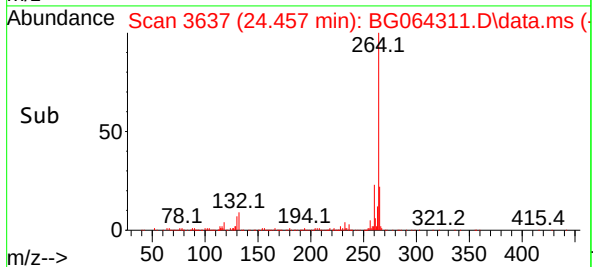
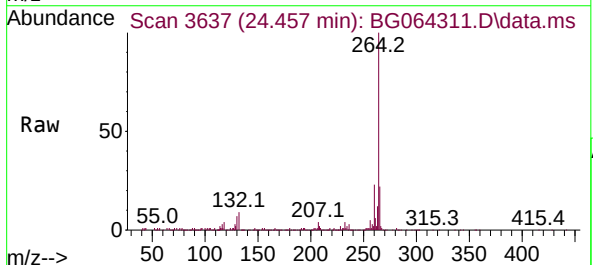
Manual Integrations
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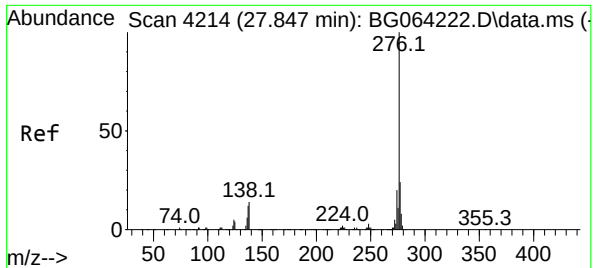
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.457 min Scan# 3637
Delta R.T. -0.007 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

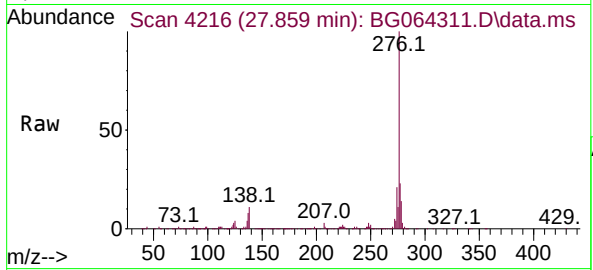
Tgt Ion:264 Resp: 254609
Ion Ratio Lower Upper
264 100
260 23.5 18.9 28.3
265 21.8 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.626 ng
RT: 27.859 min Scan# 4216
Delta R.T. -0.012 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

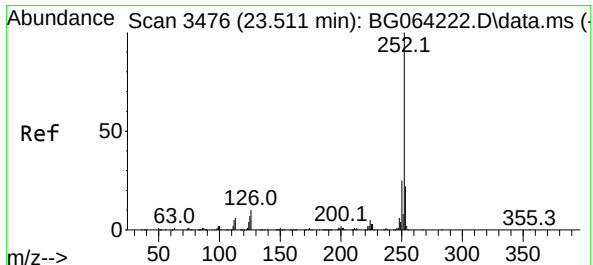
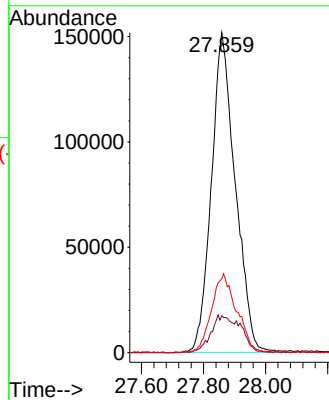
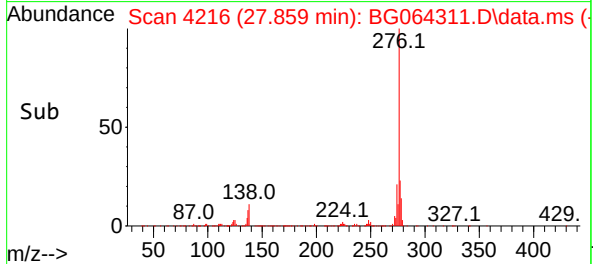
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MSD



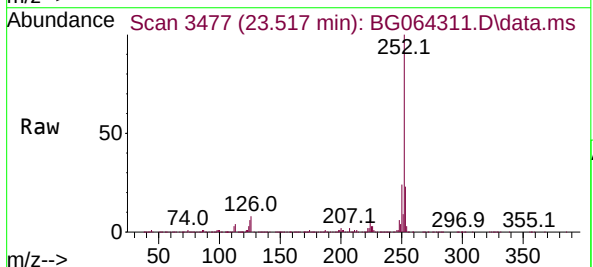
Tgt Ion:276 Resp: 810708
Ion Ratio Lower Upper
276 100
138 5.0 7.4 11.0
277 26.0 20.5 30.7

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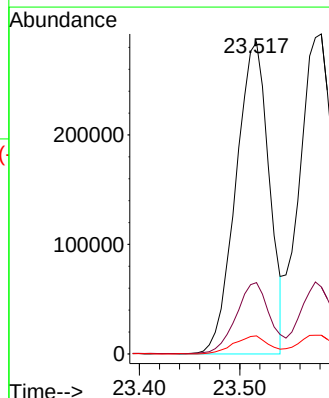
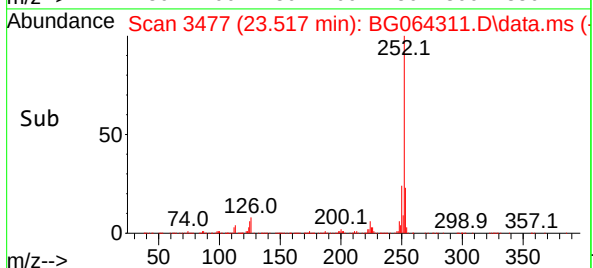
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025

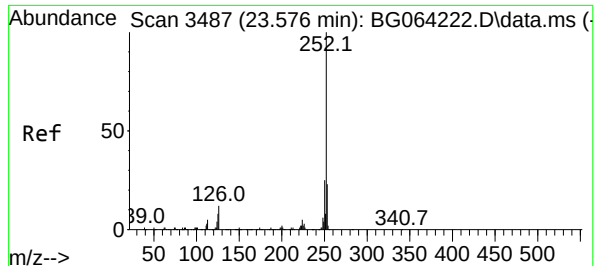


#88
Benzo(b)fluoranthene
Concen: 45.728 ng
RT: 23.517 min Scan# 3477
Delta R.T. -0.001 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41



Tgt Ion:252 Resp: 657099
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 5.8 5.9 8.9





#89

Benzo(k)fluoranthene

Concen: 47.422 ng m

RT: 23.581 min Scan# 34

Delta R.T. -0.007 min

Lab File: BG064311.D

Acq: 8 Sep 2025 17:41

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-1MSD

Tgt Ion:252 Resp: 694245

Ion Ratio Lower Upper

252 100

253 20.9 18.2 27.4

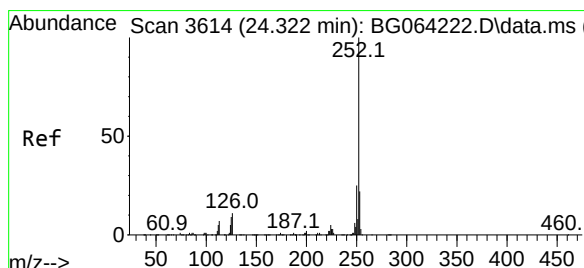
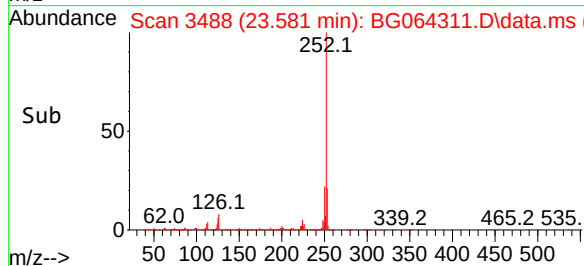
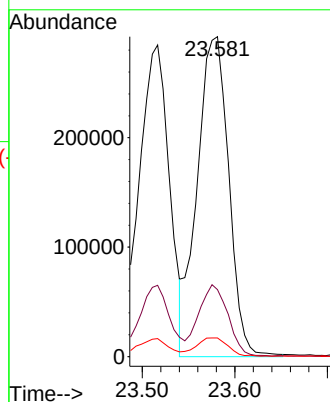
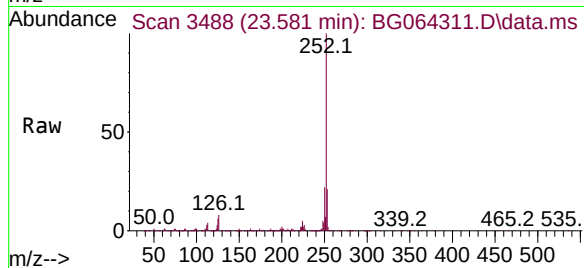
125 5.8 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/09/2025

Supervised By :Jagrut Upadhyay 09/09/2025



#90

Benzo(a)pyrene

Concen: 48.668 ng

RT: 24.327 min Scan# 3615

Delta R.T. -0.001 min

Lab File: BG064311.D

Acq: 8 Sep 2025 17:41

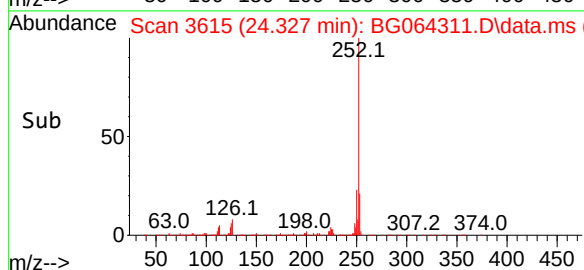
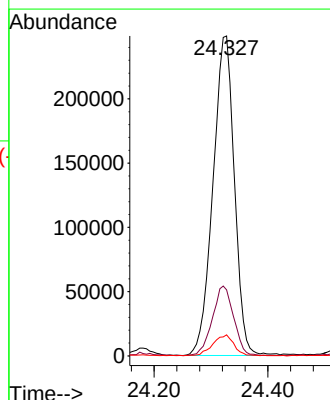
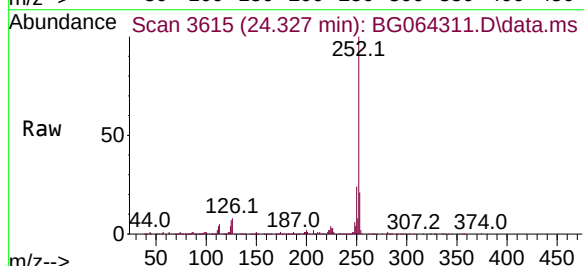
Tgt Ion:252 Resp: 650551

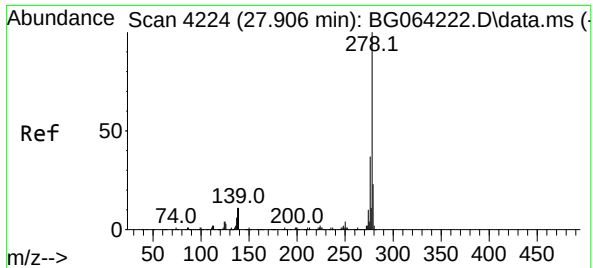
Ion Ratio Lower Upper

252 100

253 20.6 17.4 26.2

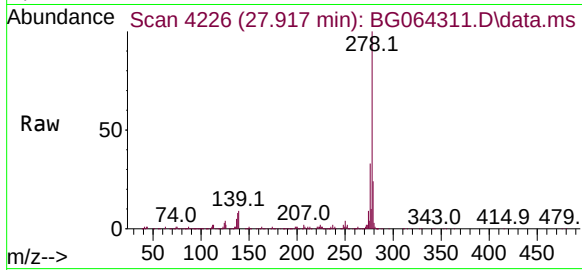
125 6.6 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 46.312 ng
RT: 27.917 min Scan# 41
Delta R.T. -0.007 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

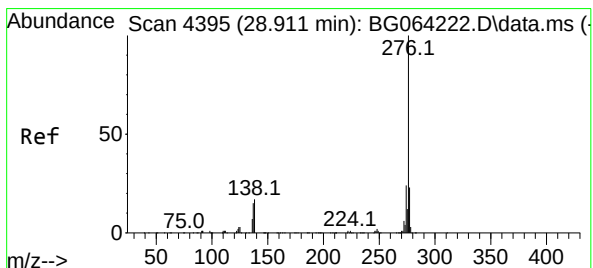
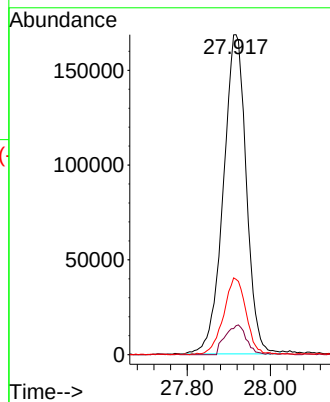
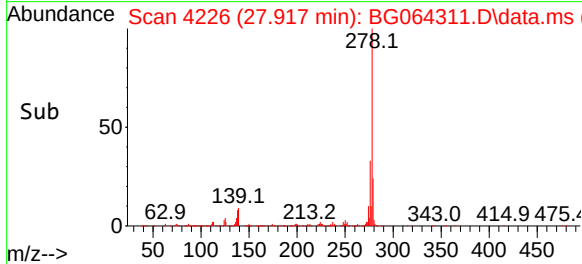
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1MSD



Tgt Ion:278 Resp: 646540
Ion Ratio Lower Upper
278 100
139 9.0 9.0 13.4
279 23.5 18.8 28.2

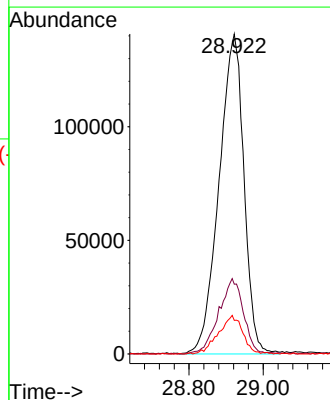
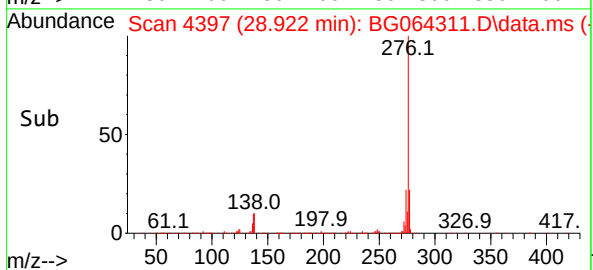
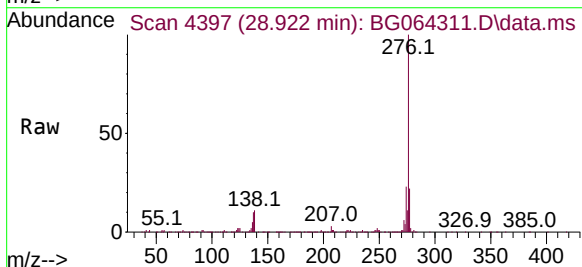
Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 48.233 ng
RT: 28.922 min Scan# 4397
Delta R.T. -0.012 min
Lab File: BG064311.D
Acq: 8 Sep 2025 17:41

Tgt Ion:276 Resp: 655223
Ion Ratio Lower Upper
276 100
277 21.8 18.2 27.4
138 10.5 13.3 19.9#



Manual Integration Report

Sequence:	bg082825	Instrument	BNA_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BG064219.D	1,3-Dichlorobenzene	Rahul	8/29/2025 10:50:29 AM	Jagrut	8/29/2025 10:59:06 AM	Peak Integrated by Software
SSTDICC005	BG064219.D	1-Methylnaphthalene	Rahul	8/29/2025 10:50:29 AM	Jagrut	8/29/2025 10:59:06 AM	Peak Integrated by Software
SSTDICC010	BG064220.D	Benzoic acid	Rahul	8/29/2025 10:50:31 AM	Jagrut	8/29/2025 10:59:09 AM	Peak Integrated by Software
SSTDICC020	BG064221.D	Benzaldehyde	Rahul	8/29/2025 10:50:33 AM	Jagrut	8/29/2025 10:59:11 AM	Peak Integrated by Software
SSTDICCC040	BG064222.D	Benzoic acid	Rahul	8/29/2025 10:50:35 AM	Jagrut	8/29/2025 10:59:14 AM	Peak Integrated by Software
SSTDICC050	BG064223.D	Benzaldehyde	Rahul	8/29/2025 10:50:37 AM	Jagrut	8/29/2025 10:59:18 AM	Peak Integrated by Software
SSTDICC050	BG064223.D	Benzoic acid	Rahul	8/29/2025 10:50:37 AM	Jagrut	8/29/2025 10:59:18 AM	Peak Integrated by Software
SSTDICC060	BG064224.D	Benzoic acid	Rahul	8/29/2025 10:50:40 AM	Jagrut	8/29/2025 10:59:20 AM	Peak Integrated by Software
SSTDICC080	BG064225.D	Benzoic acid	Rahul	8/29/2025 10:50:42 AM	Jagrut	8/29/2025 10:59:22 AM	Peak Integrated by Software
SSTDICV040	BG064226.D	Benzoic acid	Rahul	8/29/2025 10:50:44 AM	Jagrut	8/29/2025 10:59:25 AM	Peak Integrated by Software

Manual Integration Report

Sequence:	BG090825	Instrument	BNA_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3032-01MS	BG064310.D	1-Methylnaphthalene	Rahul	9/9/2025 8:27:39 AM	Jagrut	9/9/2025 12:09:25 PM	Peak Integrated by Software
Q3032-01MS	BG064310.D	Caprolactam	Rahul	9/9/2025 8:27:39 AM	Jagrut	9/9/2025 12:09:25 PM	Peak Integrated by Software
Q3032-01MSD	BG064311.D	1-Methylnaphthalene	Rahul	9/9/2025 8:27:42 AM	Jagrut	9/9/2025 12:09:28 PM	Peak Integrated by Software
Q3032-01MSD	BG064311.D	Benzo(k)fluoranthene	Rahul	9/9/2025 8:27:42 AM	Jagrut	9/9/2025 12:09:28 PM	Peak Integrated by Software
Q3032-01MSD	BG064311.D	Caprolactam	Rahul	9/9/2025 8:27:42 AM	Jagrut	9/9/2025 12:09:28 PM	Peak Integrated by Software
Q3032-04	BG064312.D	Benzo(a)pyrene	Rahul	9/9/2025 8:27:45 AM	Jagrut	9/9/2025 12:09:31 PM	Peak Integrated by Software
Q3032-04	BG064312.D	Benzo(k)fluoranthene	Rahul	9/9/2025 8:27:45 AM	Jagrut	9/9/2025 12:09:31 PM	Peak Integrated by Software



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

Manual Integration Report

Sequence:

BG091025

Instrument

BNA_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB169593BS	BG064331.D	Caprolactam	Rahul	9/11/2025 8:48:09 AM	Jagrut	9/11/2025 10:34:23 AM	Peak Integrated by Software

Instrument ID: **BNA_G**

Daily Analysis Runlog For Sequence/QC Batch ID # BG082825

Review By	Rahul	Review On	8/29/2025 10:48:53 AM		
Supervise By	Jagrut	Supervise On	8/29/2025 10:59:39 AM		
SubDirectory	BG082825	HP Acquire Method	BNA_G	HP Processing Method	bg082825
STD. NAME		STD REF.#			
Tune/Reschk	SP6757				
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864				
CCC	SP6860				
Internal Standard/PEM	S13173,10ul/1000ul sample				
ICV/I.BLK	SP6770				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BG064217.D	28 Aug 2025 10:11	RC/JU	Ok
2	SSTDICC2.5	BG064218.D	28 Aug 2025 10:51	RC/JU	Ok
3	SSTDICC005	BG064219.D	28 Aug 2025 11:32	RC/JU	Ok,M
4	SSTDICC010	BG064220.D	28 Aug 2025 12:12	RC/JU	Ok,M
5	SSTDICC020	BG064221.D	28 Aug 2025 12:53	RC/JU	Ok,M
6	SSTDICCC040	BG064222.D	28 Aug 2025 13:33	RC/JU	Ok,M
7	SSTDICC050	BG064223.D	28 Aug 2025 14:55	RC/JU	Ok,M
8	SSTDICC060	BG064224.D	28 Aug 2025 15:35	RC/JU	Ok,M
9	SSTDICC080	BG064225.D	28 Aug 2025 16:16	RC/JU	Ok,M
10	SSTDICV040	BG064226.D	28 Aug 2025 18:19	RC/JU	Ok,M
11	PB169325TB	BG064227.D	28 Aug 2025 19:00	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_G**

Daily Analysis Runlog For Sequence/QC Batch ID # BG090825

Review By	Rahul	Review On	9/9/2025 8:28:19 AM
Supervise By	Jagrut	Supervise On	9/9/2025 12:09:44 PM
SubDirectory	BG090825	HP Acquire Method	BNA_G
		HP Processing Method	BG082825
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13174,10ul/1000ul sample		
ICV/I.BLK	SP6770		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BG064300.D	8 Sep 2025 9:04	RC/JU	Ok
2	SSTDCCC040	BG064301.D	8 Sep 2025 10:26	RC/JU	Ok
3	PB169566BL	BG064302.D	8 Sep 2025 11:12	RC/JU	Ok
4	PB169566BS	BG064303.D	8 Sep 2025 11:52	RC/JU	Not Ok
5	Q3023-01	BG064304.D	8 Sep 2025 12:55	RC/JU	Ok
6	Q3023-01MS	BG064305.D	8 Sep 2025 13:35	RC/JU	Ok,M
7	Q3023-01MSD	BG064306.D	8 Sep 2025 14:16	RC/JU	Ok,M
8	Q3023-04	BG064307.D	8 Sep 2025 14:57	RC/JU	Ok
9	Q3022-01	BG064308.D	8 Sep 2025 15:38	RC/JU	Ok
10	Q3032-01	BG064309.D	8 Sep 2025 16:19	RC/JU	Ok
11	Q3032-01MS	BG064310.D	8 Sep 2025 17:00	RC/JU	Ok,M
12	Q3032-01MSD	BG064311.D	8 Sep 2025 17:41	RC/JU	Ok,M
13	Q3032-04	BG064312.D	8 Sep 2025 18:22	RC/JU	Ok,M
14	Q3031-01	BG064313.D	8 Sep 2025 19:03	RC/JU	Dilution
15	Q3023-02	BG064314.D	8 Sep 2025 19:44	RC/JU	Ok
16	Q3023-05	BG064315.D	8 Sep 2025 20:25	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_G**

Daily Analysis Runlog For Sequence/QC Batch ID # BG091025

Review By	Rahul	Review On	9/11/2025 8:50:20 AM
Supervise By	Jagrut	Supervise On	9/11/2025 10:34:49 AM
SubDirectory	BG091025	HP Acquire Method	BNA_G
		HP Processing Method	BG082825
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13174,10ul/1000ul sample		
ICV/I.BLK	SP6796		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BG064328.D	10 Sep 2025 10:50	RC/JU	Ok
2	SSTDCCC040	BG064329.D	10 Sep 2025 12:37	RC/JU	Ok
3	PB169593BL	BG064330.D	10 Sep 2025 13:18	RC/JU	Ok
4	PB169593BS	BG064331.D	10 Sep 2025 13:58	RC/JU	Ok,M
5	PB169566BS	BG064332.D	10 Sep 2025 14:39	RC/JU	Ok,M
6	PB169633BL	BG064333.D	10 Sep 2025 15:19	RC/JU	Ok
7	PB169633BS	BG064334.D	10 Sep 2025 16:00	RC/JU	Ok,M
8	Q3051-01	BG064335.D	10 Sep 2025 16:44	RC/JU	Ok
9	Q3054-01	BG064336.D	10 Sep 2025 17:25	RC/JU	Ok
10	Q3048-01	BG064337.D	10 Sep 2025 18:07	RC/JU	ReRun
11	Q3048-01MS	BG064338.D	10 Sep 2025 18:48	RC/JU	Ok,M
12	Q3048-01MSD	BG064339.D	10 Sep 2025 19:29	RC/JU	Ok,M
13	Q3046-01	BG064340.D	10 Sep 2025 20:10	RC/JU	Ok
14	Q3054-05	BG064341.D	10 Sep 2025 20:51	RC/JU	Ok
15	Q3059-01	BG064342.D	10 Sep 2025 21:32	RC/JU	Ok
16	Q3056-01	BG064343.D	10 Sep 2025 22:13	RC/JU	Ok
17	Q3055-01	BG064344.D	10 Sep 2025 22:53	RC/JU	Not Ok

M : Manual Integration

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QC Batch ID # BG082825

Review By	Rahul	Review On	8/29/2025 10:48:53 AM
Supervise By	Jagrut	Supervise On	8/29/2025 10:59:39 AM
SubDirectory	BG082825	HP Acquire Method	BNA_G
		HP Processing Method	bg082825

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13173,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BG064217.D	28 Aug 2025 10:11		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BG064218.D	28 Aug 2025 10:51		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BG064219.D	28 Aug 2025 11:32		RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BG064220.D	28 Aug 2025 12:12		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BG064221.D	28 Aug 2025 12:53		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BG064222.D	28 Aug 2025 13:33	compound #54 kept on LR	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BG064223.D	28 Aug 2025 14:55		RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BG064224.D	28 Aug 2025 15:35		RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BG064225.D	28 Aug 2025 16:16	Compound #9 revoved from 80PPM	RC/JU	Ok,M
10	SSTDICV040	ICVBG082825	BG064226.D	28 Aug 2025 18:19		RC/JU	Ok,M
11	PB169325TB	PB169325TB	BG064227.D	28 Aug 2025 19:00		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QC Batch ID # BG090825

Review By	Rahul	Review On	9/9/2025 8:28:19 AM		
Supervise By	Jagrut	Supervise On	9/9/2025 12:09:44 PM		
SubDirectory	BG090825	HP Acquire Method	BNA_G	HP Processing Method	BG082825
STD. NAME		STD REF.#			
Tune/Reschk		SP6757			
Initial Calibration Stds		SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864			
CCC		SP6860			
Internal Standard/PEM		S13174,10ul/1000ul sample			
ICV/I.BLK		SP6770			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BG064300.D	8 Sep 2025 9:04		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BG064301.D	8 Sep 2025 10:26		RC/JU	Ok
3	PB169566BL	PB169566BL	BG064302.D	8 Sep 2025 11:12		RC/JU	Ok
4	PB169566BS	PB169566BS	BG064303.D	8 Sep 2025 11:52	Recovery fail high for a few compounds.	RC/JU	Not Ok
5	Q3023-01	TP-1	BG064304.D	8 Sep 2025 12:55		RC/JU	Ok
6	Q3023-01MS	TP-1MS	BG064305.D	8 Sep 2025 13:35		RC/JU	Ok,M
7	Q3023-01MSD	TP-1MSD	BG064306.D	8 Sep 2025 14:16		RC/JU	Ok,M
8	Q3023-04	TP-2	BG064307.D	8 Sep 2025 14:57		RC/JU	Ok
9	Q3022-01	1413	BG064308.D	8 Sep 2025 15:38		RC/JU	Ok
10	Q3032-01	SOIL-PILE-1	BG064309.D	8 Sep 2025 16:19		RC/JU	Ok
11	Q3032-01MS	SOIL-PILE-1MS	BG064310.D	8 Sep 2025 17:00		RC/JU	Ok,M
12	Q3032-01MSD	SOIL-PILE-1MSD	BG064311.D	8 Sep 2025 17:41		RC/JU	Ok,M
13	Q3032-04	SOIL-PILE-2	BG064312.D	8 Sep 2025 18:22		RC/JU	Ok,M
14	Q3031-01	PL-01-09052025	BG064313.D	8 Sep 2025 19:03	Need Further 5X Dilution	RC/JU	Dilution
15	Q3023-02	TP-1	BG064314.D	8 Sep 2025 19:44		RC/JU	Ok
16	Q3023-05	TP-2	BG064315.D	8 Sep 2025 20:25		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QC Batch ID # BG091025

Review By	Rahul	Review On	9/11/2025 8:50:20 AM
Supervise By	Jagrut	Supervise On	9/11/2025 10:34:49 AM
SubDirectory	BG091025	HP Acquire Method	BNA_G
		HP Processing Method	BG082825

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13174,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BG064328.D	10 Sep 2025 10:50		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BG064329.D	10 Sep 2025 12:37		RC/JU	Ok
3	PB169593BL	PB169593BL	BG064330.D	10 Sep 2025 13:18		RC/JU	Ok
4	PB169593BS	PB169593BS	BG064331.D	10 Sep 2025 13:58		RC/JU	Ok,M
5	PB169566BS	PB169566BS	BG064332.D	10 Sep 2025 14:39		RC/JU	Ok,M
6	PB169633BL	PB169633BL	BG064333.D	10 Sep 2025 15:19		RC/JU	Ok
7	PB169633BS	PB169633BS	BG064334.D	10 Sep 2025 16:00		RC/JU	Ok,M
8	Q3051-01	VNJ-215	BG064335.D	10 Sep 2025 16:44		RC/JU	Ok
9	Q3054-01	MH-385	BG064336.D	10 Sep 2025 17:25		RC/JU	Ok
10	Q3048-01	VNJ-258	BG064337.D	10 Sep 2025 18:07	CCC fail for comp#70 from high side	RC/JU	ReRun
11	Q3048-01MS	VNJ-258MS	BG064338.D	10 Sep 2025 18:48		RC/JU	Ok,M
12	Q3048-01MSD	VNJ-258MSD	BG064339.D	10 Sep 2025 19:29		RC/JU	Ok,M
13	Q3046-01	IRV-CONCRETE	BG064340.D	10 Sep 2025 20:10		RC/JU	Ok
14	Q3054-05	MH-384	BG064341.D	10 Sep 2025 20:51		RC/JU	Ok
15	Q3059-01	TR-06-09092025	BG064342.D	10 Sep 2025 21:32		RC/JU	Ok
16	Q3056-01	OK-02-090925	BG064343.D	10 Sep 2025 22:13		RC/JU	Ok
17	Q3055-01	OR-03-090925	BG064344.D	10 Sep 2025 22:53	Out of Tune	RC/JU	Not Ok

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 9/8/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:10
In Date: 09/05/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:33
Out Date: 09/06/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137097

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
Q3029-05	SVOC-GPC-BLANK	1	1.00	1.00	2.00	2.00	100.0	
Q3029-06	PEST-GPC-BLANK	2	1.00	1.00	2.00	2.00	100.0	
Q3029-07	PEST-GPC-BLANK-SPIKE	3	1.00	1.00	2.00	2.00	100.0	
Q3029-08	SVOC-GPC2-BLANK	4	1.00	1.00	2.00	2.00	100.0	
Q3029-09	PEST-GPC2-BLANK	5	1.00	1.00	2.00	2.00	100.0	
Q3029-10	PEST -GPC2-BLANK-SPIKE	6	1.00	1.00	2.00	2.00	100.0	
Q3031-01	PL-01-09052025	7	1.14	10.85	11.99	10.26	84.1	
Q3031-02	PL-01-09052025-E2	8	1.13	10.69	11.82	10.62	88.8	
Q3032-01	SOIL-PILE-1	9	1.16	10.40	11.56	9.8	83.1	
Q3032-03	SOIL-PILE-1	10	1.18	10.25	11.43	9.55	81.7	
Q3032-04	SOIL-PILE-2	11	1.14	10.95	12.09	10.25	83.2	
Q3032-06	SOIL-PILE-2	12	1.14	10.80	11.94	10.05	82.5	
Q3034-01	PASSAIC-A	13	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3034-02	PASSAIC-B	14	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3034-03	PASSAIC-C	15	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3034-04	PASSAIC-D	16	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3034-05	PASSAIC-E	17	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3034-06	PASSAIC-F	18	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3034-07	PASSAIC-G	19	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3034-08	PASSAIC-H	20	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3034-09	PASSAIC-I	21	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3034-10	PASSAIC-J	22	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3034-11	PASSAIC-K	23	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3036-01	OR-828	24	1.00	1.00	2.00	2.00	100.0	oil sample

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

137097

WorkList Name : %1-090525 WorkList ID : 191691 Department : Wet-Chemistry Date : 09-05-2025 08:30:56

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3029-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D21	08/29/2025	Chemtech -SO
Q3029-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D21	08/29/2025	Chemtech -SO
Q3029-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D21	08/29/2025	Chemtech -SO
Q3029-08	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D21	08/29/2025	Chemtech -SO
Q3029-09	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D21	08/29/2025	Chemtech -SO
Q3029-10	PEST-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D21	08/29/2025	Chemtech -SO
Q3031-01	PL-01-09052025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D21	09/05/2025	Chemtech -SO
Q3031-02	PL-01-09052025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D21	09/05/2025	Chemtech -SO
Q3032-01	SOIL-PILE-1	Solid	Percent Solids	Cool 4 deg C	ZUCC01	D31	09/05/2025	Chemtech -SO
Q3032-03	SOIL-PILE-1	Solid	Percent Solids	Cool 4 deg C	ZUCC01	D31	09/05/2025	Chemtech -SO
Q3032-04	SOIL-PILE-2	Solid	Percent Solids	Cool 4 deg C	ZUCC01	D31	09/05/2025	Chemtech -SO
Q3032-06	SOIL-PILE-2	Solid	Percent Solids	Cool 4 deg C	ZUCC01	D31	09/05/2025	Chemtech -SO
Q3034-01	PASSAIC-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/05/2025	Chemtech -SO
Q3034-02	PASSAIC-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/05/2025	Chemtech -SO
Q3034-03	PASSAIC-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/05/2025	Chemtech -SO
Q3034-04	PASSAIC-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/05/2025	Chemtech -SO
Q3034-05	PASSAIC-E	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/05/2025	Chemtech -SO
Q3034-06	PASSAIC-F	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/05/2025	Chemtech -SO
Q3034-07	PASSAIC-G	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/05/2025	Chemtech -SO
Q3034-08	PASSAIC-H	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/05/2025	Chemtech -SO
Q3034-09	PASSAIC-I	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/05/2025	Chemtech -SO

Date/Time 09/05/25 15:00
 Raw Sample Received by: SPW
 Raw Sample Relinquished by: CP Sm
 Date/Time 09/05/25 17:20
 Raw Sample Received by: CP Sm
 Raw Sample Relinquished by: SPW

WORKLIST(Hardcopy Internal Chain)

137097

WorkList Name : %1-090525 WorkList ID : 191691 Department : Wet-Chemistry Date : 09-05-2025 08:30:56

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3034-10	PASSAIC-J	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/05/2025	Chemtech -SO
Q3034-11	PASSAIC-K	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/05/2025	Chemtech -SO
Q3036-01	OR-828	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/05/2025	Chemtech -SO

Date/Time 09/05/25 15:00
 Raw Sample Received by: SB WCC
 Raw Sample Relinquished by: CD SM

Date/Time 09/05/25 17:20
 Raw Sample Received by: CD SM
 Raw Sample Relinquished by: SB WCC

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: N/A

Matrix : Solid

Welgh By: EH **Extraction By:** EH

Balance check: EH **Filter By:** EH

Balance ID: EX-SC-2 **pH Meter ID:** N/A

pH Strip Lot#: N/A **Hood ID:** 3,7

Extraction Start Date : 09/08/2025

Extraction Start Time : 09:30

Extraction End Date : 09/08/2025

Extraction End Time : 12:50

Concentration By: RJ

Supervisor By : ritesh

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6865
Surrogate	1.0ML	100/150 PPM	SP6852
N/A	N/A	N/A	N/A
N/A	1.0ML	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	EP2626
Baked Na2SO4	N/A	EP2636
Methylene Chloride	N/A	E3964
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.

KD Bath ID: N/A **Envap ID:** NEVAP-02

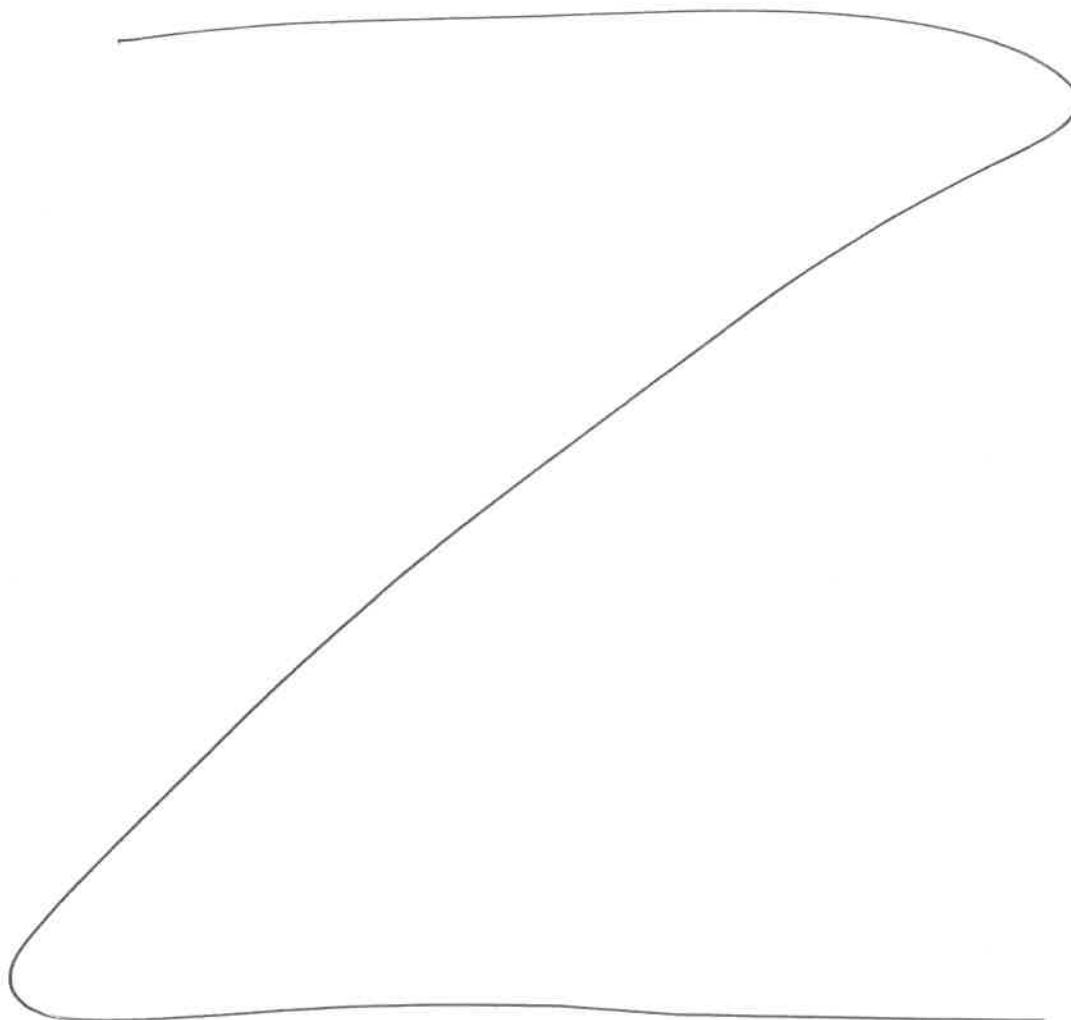
KD Bath Temperature: N/A **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
9/8/25	RJ LEX-1 (lab)	RJ/SVOC
12:55	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 09/08/2025

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169593BL	SBLK593	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1			U1-1
PB169593BS	SLCS593	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1			2
Q3031-01	PL-01-09052025	SVOC-TCL BNA -20	50.05	N/A	ritesh	Evelyn	1	E		3
Q3032-01	SOIL-PILE-1	SVOC-TCL BNA -20	30.06	N/A	ritesh	Evelyn	1	B		4
Q3032-01MS	SOIL-PILE-1MS	SVOC-TCL BNA -20	30.09	N/A	ritesh	Evelyn	1	B		5
Q3032-01MS D	SOIL-PILE-1MSD	SVOC-TCL BNA -20	30.04	N/A	ritesh	Evelyn	1	B		6
Q3032-04	SOIL-PILE-2	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1	B		U2-1



* Extracts relinquished on the same date as received.

RJ
09/08

69593
9:30

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3031B WorkList ID : 191726 Department : Extraction Date : 09-08-2025 08:58:00

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3031-01	PL-01-09052025	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	D21	09/05/2025	8270E
Q3032-01	SOIL-PILE-1	Solid	SVOC-TCL BNA -20	Cool 4 deg C	ZUCC01	D31	09/05/2025	8270E
Q3032-04	SOIL-PILE-2	Solid	SVOC-TCL BNA -20	Cool 4 deg C	ZUCC01	D31	09/05/2025	8270E

Date/Time 09/08/25 9:25
Raw Sample Received by: EH (EAT-126)
Raw Sample Relinquished by: JD (Sm)

Date/Time 09/08/25 9:35
Raw Sample Received by: JD (Sm)
Raw Sample Relinquished by: EH (EAT-126)



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Zuccaro Inc.

ADDRESS: 3 Coal Ave

CITY: Morristown STATE: NJ ZIP:

ATTENTION: Sal Zuccaro

PHONE:

FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: 3 Coal Ave, Morristown, NJ

PROJECT NO.: LOCATION:

PROJECT MANAGER:

e-mail:

PHONE:

FAX:

CLIENT BILLING INFORMATION

BILL TO:

PO#:

ADDRESS:

CITY: Summit

STATE:

ZIP:

ATTENTION:

PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*

HARDCOPY (DATA PACKAGE): _____ DAYS*

EDD: _____ DAYS*

*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)

☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP

☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B

+ Raw Data ☐ Other _____

☐ EDD FORMAT _____

Metals TCL-TCL
SVOC-TCL BNA-20
PCB
TCLP BNA
Mercury
TCLP VOA
VOC-TCL VOA-10

PRESERVATIVES

COMMENTS

← Specify Preservatives

A-HCl D-NaOH
B-HNO3 E-ICE
C-H2SO4 F-OTHER

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	Soil pile #1	SOL	X		9.5.25	11:14	5	X	X	X	X	X					
2.	I			X		11:16	5						X	X			
3.	Soil pile #2		X			11:36	5	X	X	X	X	X					
4.	I			X		11:40	5						X	X			
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME: 12:06	RECEIVED BY:	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☒ NON COMPLIANT	COOLER TEMP: 4.2°C
1. [Signature]	9.5.2025	1. [Signature]	Comments: Equal volume of soil used, 5:1 composite	
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	* Soil pile #1 - 24x16x7 = measurement *	
2. [Signature]		2. [Signature]	* Soil pile #2 - 24x22x7 = measurement *	
RELINQUISHED BY SAMPLER:	DATE/TIME: 12:36	RECEIVED BY:		
3. [Signature]	9.5.2025	3. [Signature]		

CHEMTECH

Environmental Laboratory

www.chemtech.net | EMAIL: PM@chemtech.net

Project Name: 3 COOL AVE,
MORRISTOWN, N.J.

Service Order #:

Work Order #:

Labor WBS #:

Facility/Site:

Site Address: 3 COOL AVE
MORRISTOWN, NJ.

Chemtech Order ID:

Sampler Name: Lawrence Carter

Client Project Coordinator & Phone:

Page #: 1 of 1

Date: 9.5.2025

Arrive Time: 10:38

Depart Time: 12:06

Waste Stream (circle one): drum / roll-off / soil pile / in-situ / linear construction / frac-tank

Sample Matrices (circle all that apply): Water / Solid / NAPL / Concrete / Wipe

Collection Depths:

Temp (range): °C PID Readings (range):

Dimensions/CY:

soil pile #1 / soil pile #2
100cy / 136cy

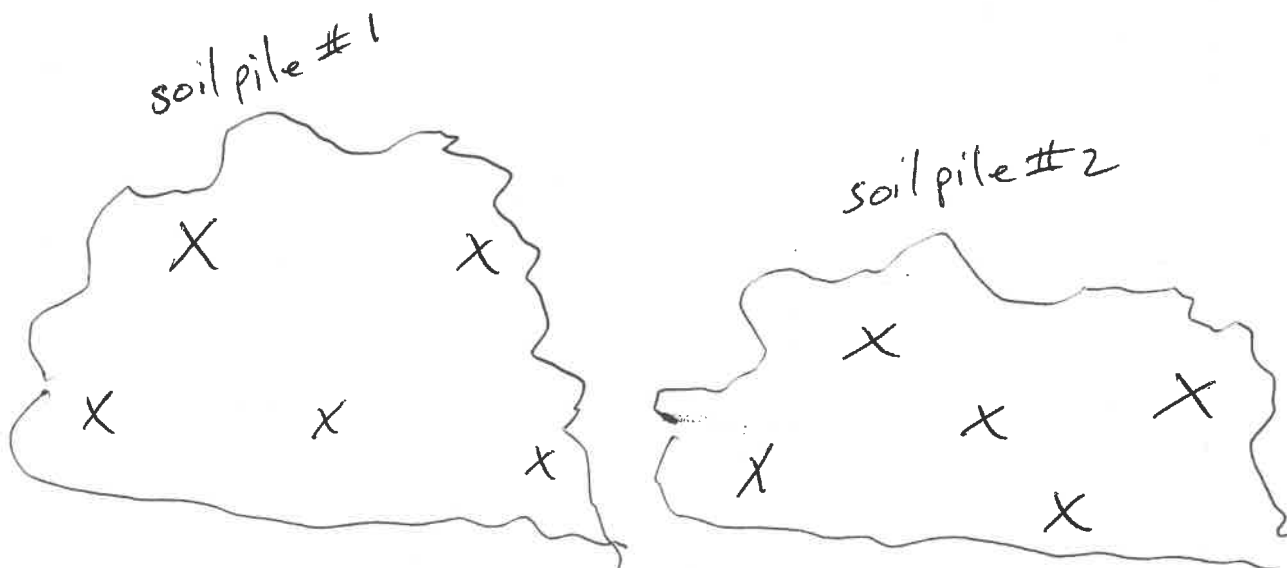
PPM Odor: Y N Color: Y N

Sample Description: Brown wet soil, rocks, GRASS.

Field Observations: SAMPLED, soil pile #1, soil pile #2

Grid/Area Composite Map:

QA Control # A3041134



Sampler Signature: Lawrence Carter 9.5.2025

Client Signature:

Supervisor Review/Date:

Date/Time Arrived at Lab:

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



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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3032	ZUCC01	Order Date : 9/5/2025 12:41:17 PM	Project Mgr : Yazmeen
Client Name : Zuccaro Inc.		Project Name : 3 Coal Ave., Morristown, N	Report Type : Results+QC
Client Contact : Sal Zuccaro		Receive DateTime : 9/5/2025 12:36:00 PM	EDD Type : EXCEL NJCLEANUP
Invoice Name : Zuccaro Inc.		Purchase Order :	Hard Copy Date :
Invoice Contact : Sal Zuccaro			Date Signoff : 9/5/2025 2:08:49 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3032-02	SOIL-PILE-1	Solid	09/05/2025	11:14					
					TCLP VOA	TCLP-FULL	8260D	5 Bus. Days	09/12/2025
Q3032-03	SOIL-PILE-1	Solid	09/05/2025	11:16					
					VOC-TCLVOA-10		8260D	5 Bus. Days	09/12/2025
Q3032-05	SOIL-PILE-2	Solid	09/05/2025	11:36					
					TCLP VOA	TCLP-FULL	8260D	5 Bus. Days	09/12/2025
Q3032-06	SOIL-PILE-2	Solid	09/05/2025	11:40					
					VOC-TCLVOA-10		8260D	5 Bus. Days	09/12/2025

Relinquished By :

Date / Time :

Received By :

Date / Time :

Storage Area : VOA Refridgerator Room