

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

LAB CHRONICLE

OrderID:	Q3551	OrderDate:	11/5/2025 2:16:00 PM
Client:	Spectra East Inc.	Project:	Outfall 001 - Orangetown Dis Permit 2025
Contact:	Jacob Valeich	Location:	D41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3551-01	MANHOLE	Water	SVOCMS Group1	625.1	11/05/25	11/07/25	11/07/25	11/05/25



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Hit Summary Sheet SW-846

SDG No.: Q3551

Client: Spectra East Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :								
				0.000				
			Total Svoc :			0.00		
			Total Concentration:			0.00		



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q3551

Client: Spectra East Inc.

Analytical Method: 625.1

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB170446BL	PB170446BL	Nitrobenzene-d5	100	102	102		60	140
		2-Fluorobiphenyl	100	95.0	95		60	140
		Terphenyl-d14	100	93.2	93		60	140
PB170446BS	PB170446BS	Nitrobenzene-d5	100	107	107		60	140
		2-Fluorobiphenyl	100	94.8	95		60	140
		Terphenyl-d14	100	94.4	94		60	140
PB170446BSD	PB170446BSD	Nitrobenzene-d5	100	107	107		60	140
		2-Fluorobiphenyl	100	99.1	99		60	140
		Terphenyl-d14	100	95.4	95		60	140
Q3551-01	MANHOLE	Nitrobenzene-d5	100	86.5	87		60	140
		2-Fluorobiphenyl	100	75.5	75		60	140
		Terphenyl-d14	100	68.7	69		60	140



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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3551

Analytical Method: 625.1

Client: Spectra East Inc.

DataFile: BG064718.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB170446BS	bis(2-Ethylhexyl)phthalate	50	47.5	ug/L	95				43	137	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3551

Analytical Method: 625.1

Client: Spectra East Inc.

DataFile: BG064719.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		
								Qual	Low	High	RPD
PB170446BSD	bis(2-Ethylhexyl)phthalate	50	48.1	ug/L	96	1			43	137	20

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB170446BL

Lab Name: Alliance

Contract: SPEC01

Lab Code: ACE

SDG NO.: Q3551

Lab File ID: BG064720.D

Lab Sample ID: PB170446BL

Instrument ID: BNA_G

Date Extracted: 11/07/2025

Matrix: (soil/water) Water

Date Analyzed: 11/07/2025

Level: (low/med) LOW

Time Analyzed: 17:35

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170446BS	PB170446BS	BG064718.D	11/07/2025
PB170446BSD	PB170446BSD	BG064719.D	11/07/2025
MANHOLE	Q3551-01	BG064721.D	11/07/2025

COMMENTS: _____



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

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

Contract: SPEC01
SDG NO.: Q3551
DFTPP Injection Date: 10/24/2025
DFTPP Injection Time: 08:20

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	35.3
70	Less than 2.0% of mass 69	0.1 (0.2) 1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.2
365	Greater than 1% of mass 198	5.1
441	Present, but less than mass 443	15.1
442	Greater than 50% of mass 198	92.7
443	15.0 - 24.0% of mass 442	17.5 (18.9) 2

1-Value is % mass 69

2-Value is % mass 442

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

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



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BG064712.D
Instrument ID: BNA_G

Contract: SPEC01
SDG NO.: Q3551
DFTPP Injection Date: 11/07/2025
DFTPP Injection Time: 10:25

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.2 (0.8) 1
69	Mass 69 relative abundance	23.8
70	Less than 2.0% of mass 69	0.1 (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	6.1
365	Greater than 1% of mass 198	5
441	Present, but less than mass 443	16.1
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.1 (19.1) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BG064713.D	11/07/2025	11:06
PB170446BS	PB170446BS	BG064718.D	11/07/2025	16:13
PB170446BSD	PB170446BSD	BG064719.D	11/07/2025	16:54
PB170446BL	PB170446BL	BG064720.D	11/07/2025	17:35
MANHOLE	Q3551-01	BG064721.D	11/07/2025	18:15

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3551

Client ID : SSTDCCC040

Date Analyzed: 11/07/2025

Lab File ID: BG064713.D

Time Analyzed: 11:06

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	36743	8.2	147163	11.03	116573	14.82
UPPER LIMIT	73486	8.7	294326	11.526	233146	15.322
LOWER LIMIT	18371.5	7.7	73581.5	10.526	58286.5	14.322
EPA SAMPLE NO.						
01 PB170446BL	34775	8.20	132915	11.03	108996	14.82
02 PB170446BS	35988	8.20	145823	11.03	117246	14.83
03 PB170446BSD	38061	8.20	154155	11.03	120328	14.83
04 MANHOLE	32143	8.20	129572	11.03	106337	14.82

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.: Q3551

Client ID: SSTDCCC040

Date Analyzed: 11/07/2025

Lab File ID: BG064713.D

Time Analyzed: 11:06

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	282159	17.56	330480	21.831	365451	25.151
UPPER LIMIT	564318	18.06	660960	22.331	730902	25.651
LOWER LIMIT	141080	17.06	165240	21.331	182726	24.651
EPA SAMPLE NO.						
01 PB170446BL	300897	17.56	359918	21.83	380888	25.16
02 PB170446BS	320223	17.56	354211	21.83	356180	25.16
03 PB170446BSD	326396	17.56	355727	21.83	359174	25.16
04 MANHOLE	265224	17.56	334889	21.83	384191	25.15

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



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Spectra East Inc.	Date Collected:	11/05/25
Project:	Outfall 001 - Orangetown Dis Permit 2025	Date Received:	11/05/25
Client Sample ID:	MANHOLE	SDG No.:	Q3551
Lab Sample ID:	Q3551-01	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
	Level: LOW	Test:	SVOCMS Group1
Sample Wt/Vol:	960 mL		
	Final Vol: 1000 uL		
Prep Method :	3510C		
	Prep Date: 11/07/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
117-81-7	Bis(2-ethylhexyl)phthalate	1.70	U	1	1.70	5.20	ug/L	11/07/25 18:15	PB170446
SURROGATES									
4165-60-0	Nitrobenzene-d5	86.5			60 - 140	87%	SPK: 100		
321-60-8	2-Fluorobiphenyl	75.5			60 - 140	75%	SPK: 100		
1718-51-0	Terphenyl-d14	68.7			60 - 140	69%	SPK: 100		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	32100							
1146-65-2	Naphthalene-d8	130000							
15067-26-2	Acenaphthene-d10	106000							
1517-22-2	Phenanthrene-d10	265000							
1719-03-5	Chrysene-d12	335000							
1520-96-3	Perylene-d12	384000							

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\BG110725\
 Data File : BG064721.D
 Acq On : 7 Nov 2025 18:15
 Operator : RC/JU
 Sample : Q3551-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MANHOLE

Quant Time: Nov 08 00:58:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

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

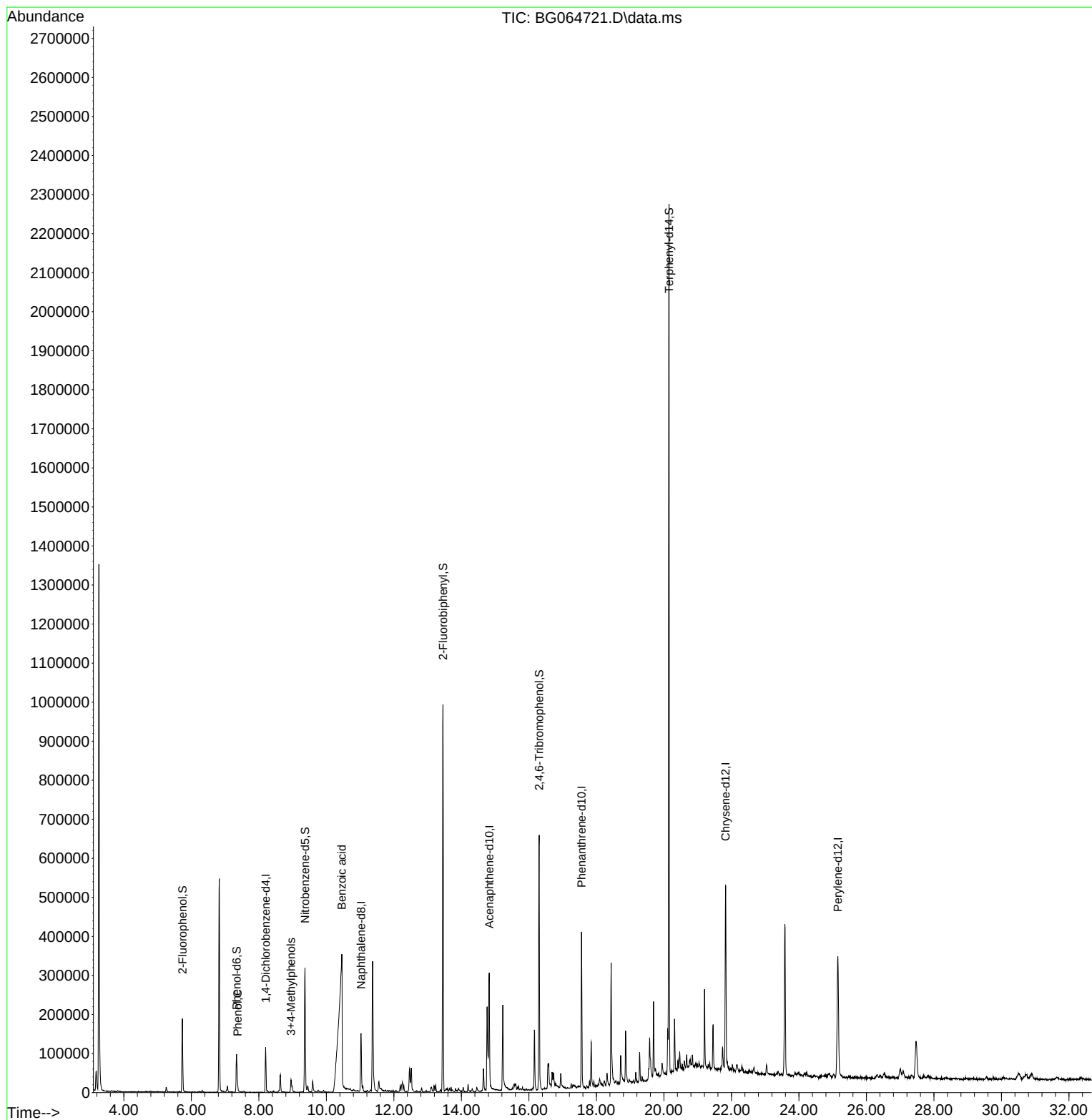
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.200	152	32143	20.000	ng	-0.02
21) Naphthalene-d8	11.027	136	129572	20.000	ng	-0.02
39) Acenaphthene-d10	14.822	164	106337	20.000	ng	-0.02
64) Phenanthrene-d10	17.560	188	265224	20.000	ng	#-0.02
76) Chrysene-d12	21.826	240	334889	20.000	ng	#-0.03
86) Perylene-d12	25.151	264	384191	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.733	112	77114	40.269	ng	-0.02
7) Phenol-d6	7.337	99	55048	20.949	ng	-0.02
23) Nitrobenzene-d5	9.364	82	186672	86.531	ng	-0.02
42) 2,4,6-Tribromophenol	16.303	330	158625	103.355	ng	-0.02
45) 2-Fluorobiphenyl	13.453	172	529460	75.470	ng	-0.02
79) Terphenyl-d14	20.151	244	1219626	68.728	ng	-0.02
Target Compounds						Qvalue
10) Phenol	7.366	94	10509	3.616	ng	94
20) 3+4-Methylphenols	8.952	107	16009	5.900	ng	92
32) Benzoic acid	10.457	122	441153	229.764	ng	92

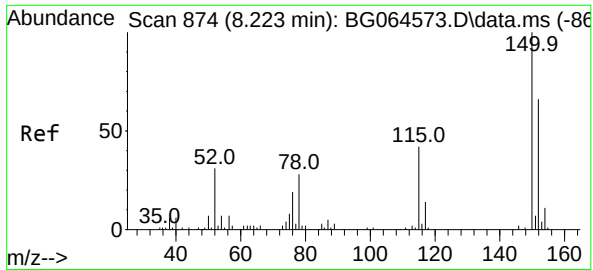
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
Data File : BG064721.D
Acq On : 7 Nov 2025 18:15
Operator : RC/JU
Sample : Q3551-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MANHOLE

Quant Time: Nov 08 00:58:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

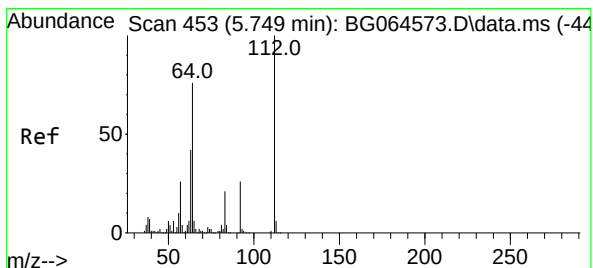
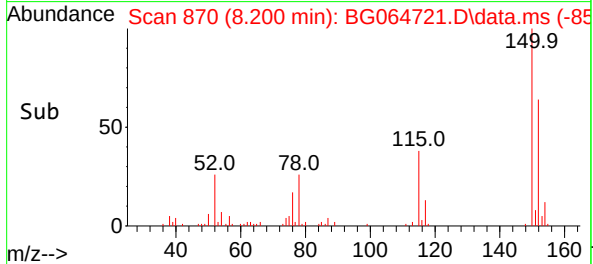
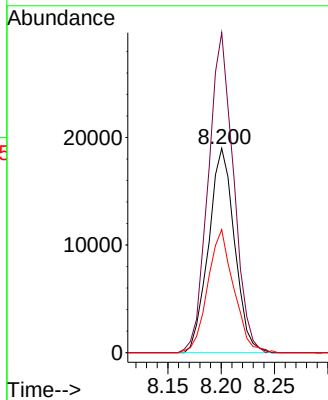
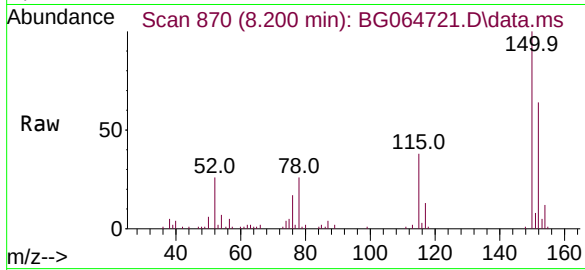




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.200 min Scan# 81
Delta R.T. -0.023 min
Lab File: BG064721.D
Acq: 7 Nov 2025 18:15

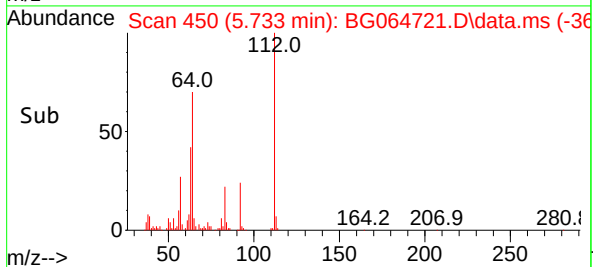
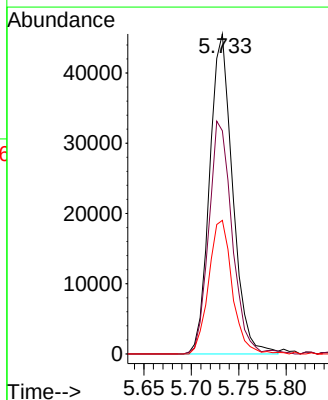
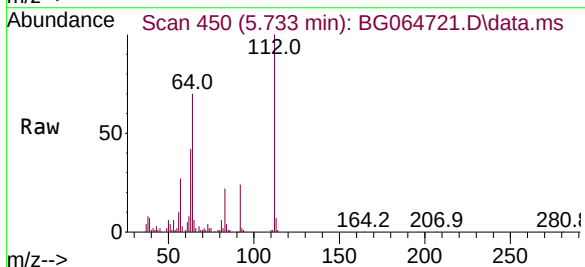
Instrument :
BNA_G
ClientSampleId :
MANHOLE

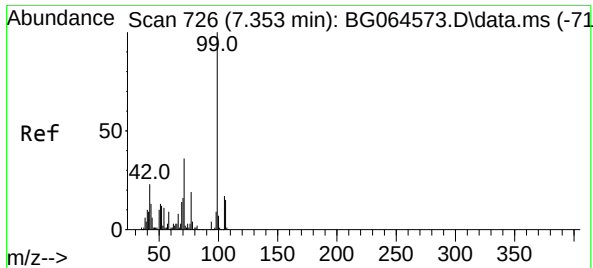
Tgt Ion:152 Resp: 32143
Ion Ratio Lower Upper
152 100
150 156.7 122.2 183.4
115 60.2 50.8 76.2



#5
2-Fluorophenol
Concen: 40.269 ng
RT: 5.733 min Scan# 450
Delta R.T. -0.017 min
Lab File: BG064721.D
Acq: 7 Nov 2025 18:15

Tgt Ion:112 Resp: 77114
Ion Ratio Lower Upper
112 100
64 69.7 60.7 91.1
63 41.7 33.4 50.0

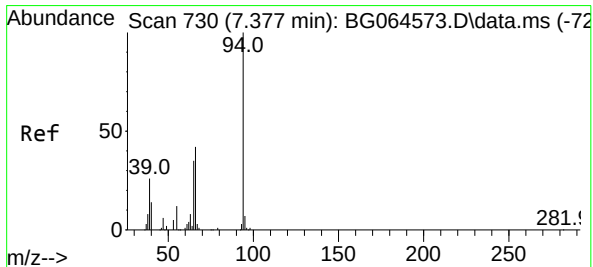
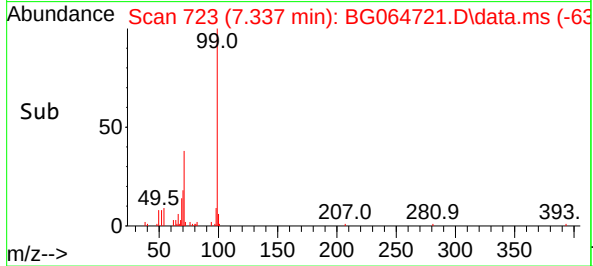
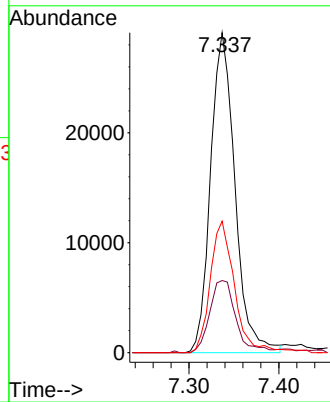
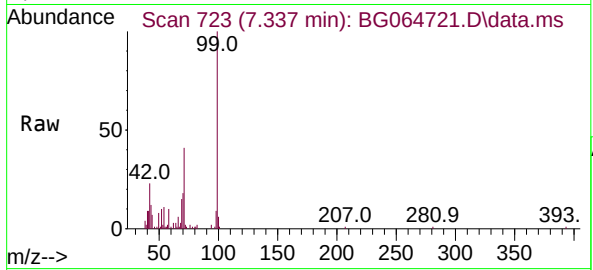




#7
Phenol-d6
Concen: 20.949 ng
RT: 7.337 min Scan# 71
Delta R.T. -0.017 min
Lab File: BG064721.D
Acq: 7 Nov 2025 18:15

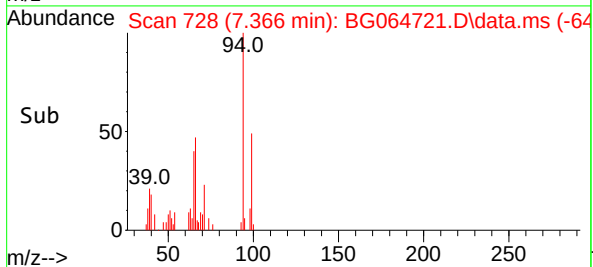
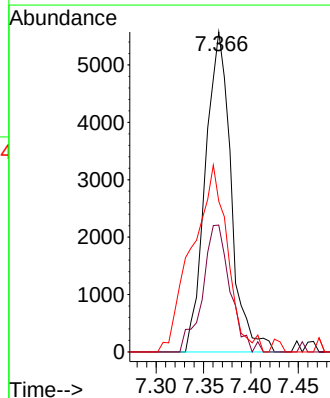
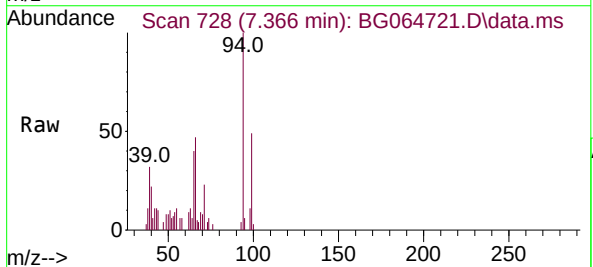
Instrument :
BNA_G
ClientSampleId :
MANHOLE

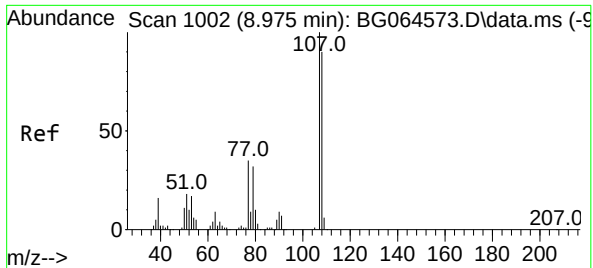
Tgt Ion: 99 Resp: 55048
Ion Ratio Lower Upper
99 100
42 22.5 18.3 27.5
71 41.1 28.6 43.0



#10
Phenol
Concen: 3.616 ng
RT: 7.366 min Scan# 728
Delta R.T. -0.011 min
Lab File: BG064721.D
Acq: 7 Nov 2025 18:15

Tgt Ion: 94 Resp: 10509
Ion Ratio Lower Upper
94 100
65 39.6 15.8 55.8
66 47.1 24.0 64.0

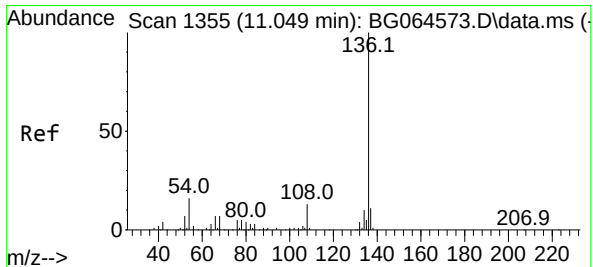
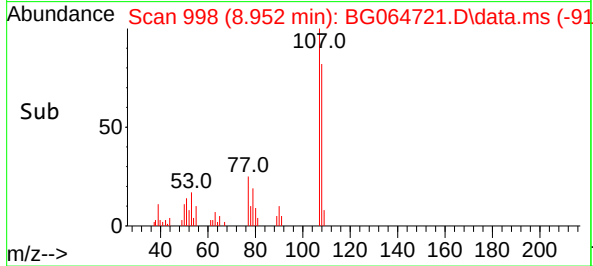
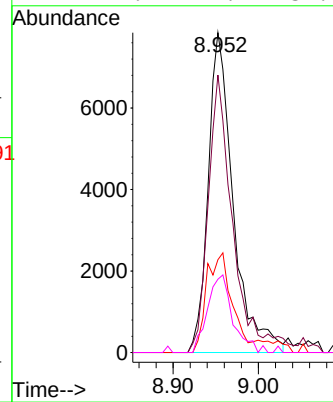
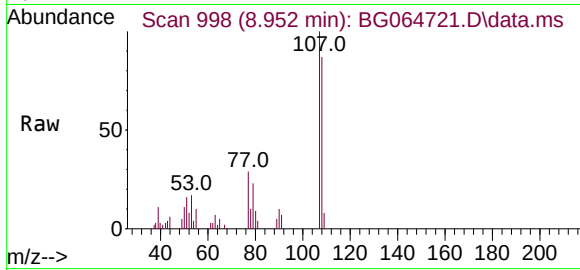




#20
3+4-Methylphenols
Concen: 5.900 ng
RT: 8.952 min Scan# 99
Delta R.T. -0.022 min
Lab File: BG064721.D
Acq: 7 Nov 2025 18:15

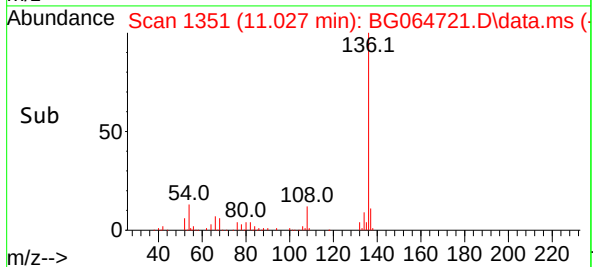
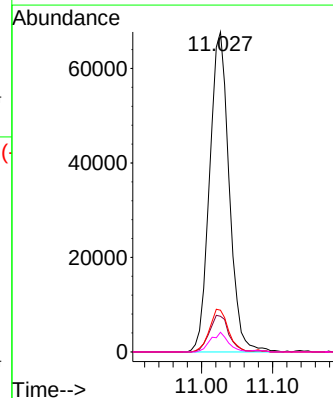
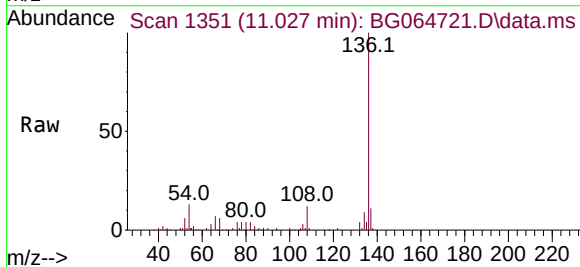
Instrument :
BNA_G
ClientSampleId :
MANHOLE

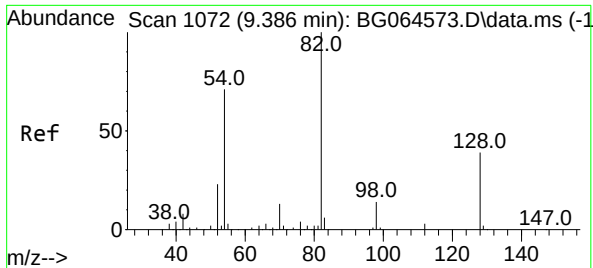
Tgt Ion:107	Resp:	16009
Ion	Ratio	Lower Upper
107	100	
108	86.7	70.3 110.3
77	29.0	14.6 54.6
79	22.9	11.7 51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.027 min Scan# 1351
Delta R.T. -0.022 min
Lab File: BG064721.D
Acq: 7 Nov 2025 18:15

Tgt Ion:136	Resp:	129572
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.2 13.8
54	13.6	12.6 19.0
68	6.1	5.7 8.5





#23

Nitrobenzene-d5

Concen: 86.531 ng

RT: 9.364 min Scan# 10

Delta R.T. -0.022 min

Lab File: BG064721.D

Acq: 7 Nov 2025 18:15

Instrument :

BNA_G

ClientSampleId :

MANHOLE

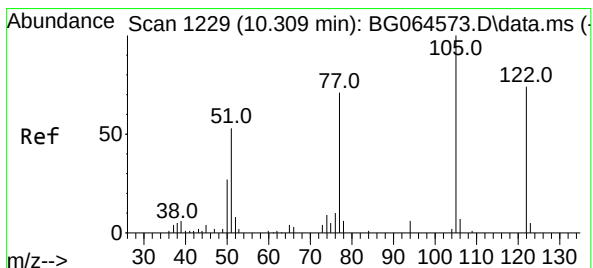
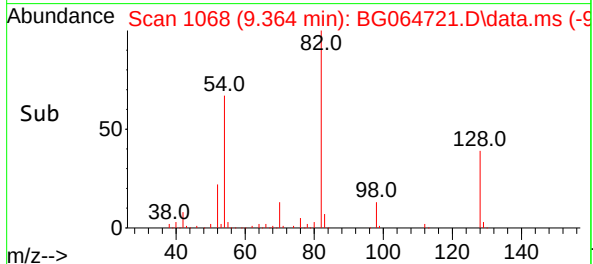
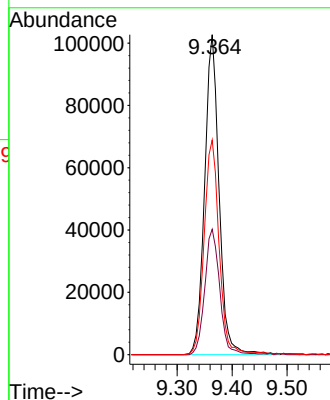
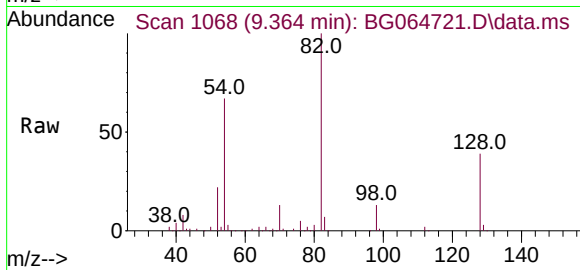
Tgt Ion: 82 Resp: 186672

Ion Ratio Lower Upper

82 100

128 39.2 31.3 46.9

54 67.1 56.6 84.8



#32

Benzoic acid

Concen: 229.764 ng

RT: 10.457 min Scan# 1254

Delta R.T. 0.148 min

Lab File: BG064721.D

Acq: 7 Nov 2025 18:15

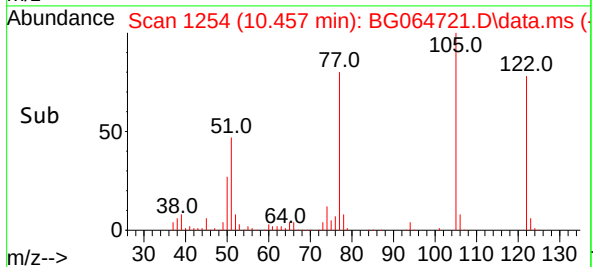
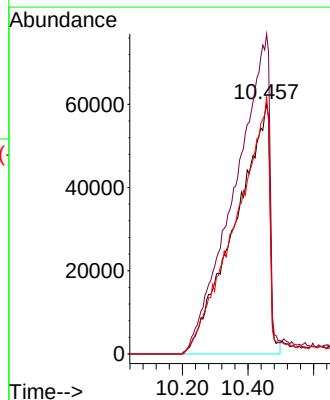
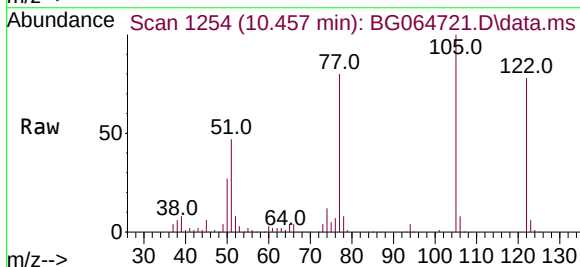
Tgt Ion:122 Resp: 441153

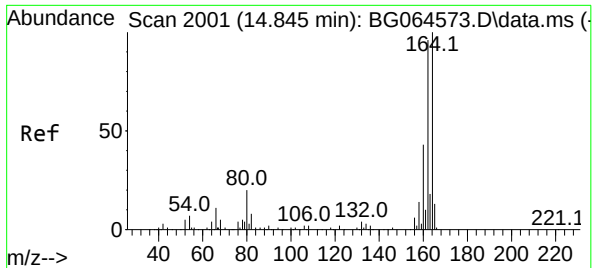
Ion Ratio Lower Upper

122 100

105 128.2 104.2 144.2

77 103.1 70.2 110.2

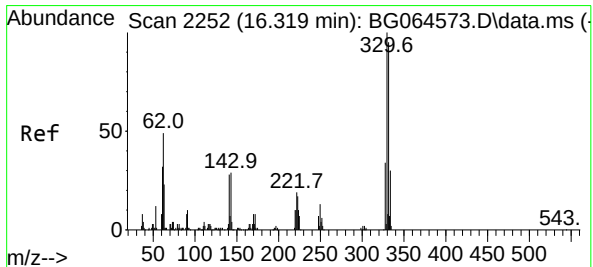
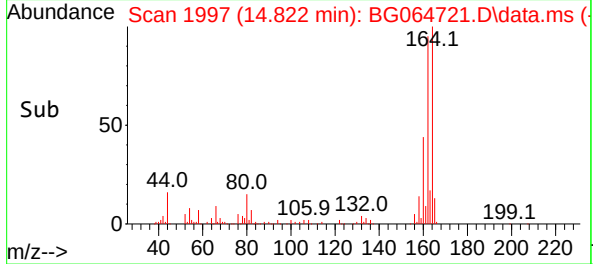
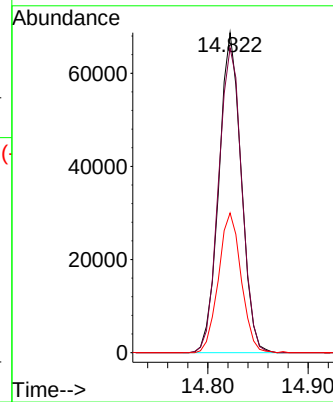
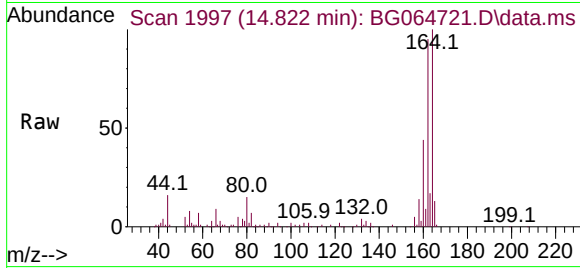




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.822 min Scan# 19
Delta R.T. -0.022 min
Lab File: BG064721.D
Acq: 7 Nov 2025 18:15

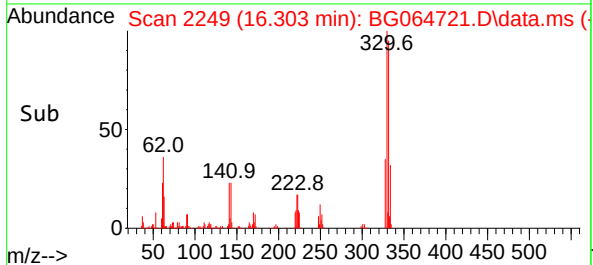
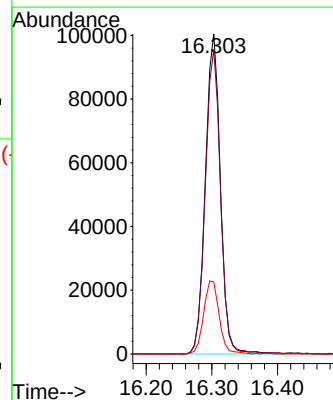
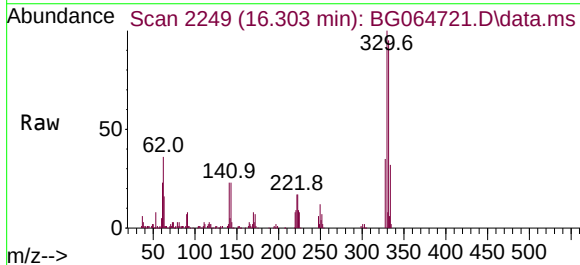
Instrument :
BNA_G
ClientSampleId :
MANHOLE

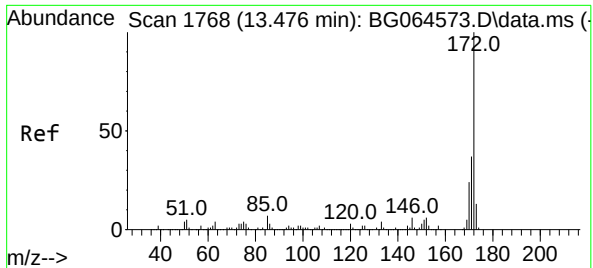
Tgt Ion:164 Resp: 106337
Ion Ratio Lower Upper
164 100
162 95.2 77.0 115.6
160 43.7 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 103.355 ng
RT: 16.303 min Scan# 2249
Delta R.T. -0.017 min
Lab File: BG064721.D
Acq: 7 Nov 2025 18:15

Tgt Ion:330 Resp: 158625
Ion Ratio Lower Upper
330 100
332 96.4 78.0 117.0
141 23.5 21.8 32.6

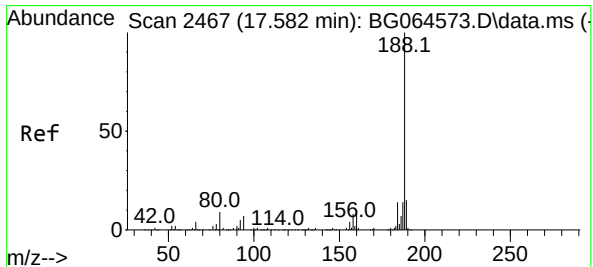
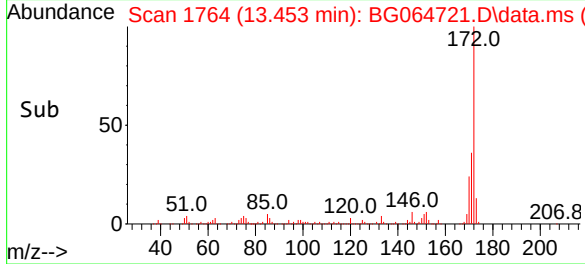
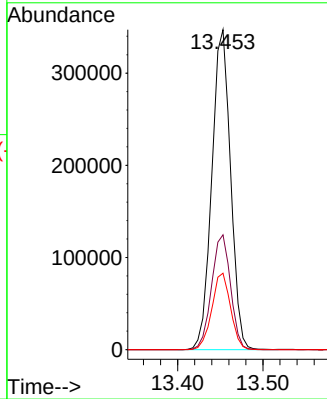
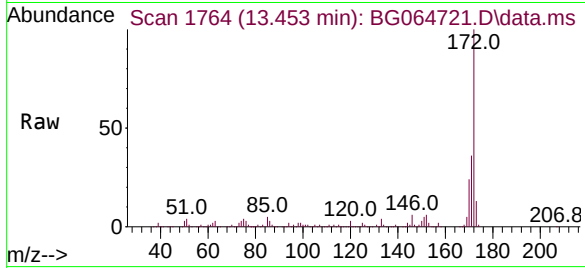




#45
2-Fluorobiphenyl
Concen: 75.470 ng
RT: 13.453 min Scan# 1764
Delta R.T. -0.022 min
Lab File: BG064721.D
Acq: 7 Nov 2025 18:15

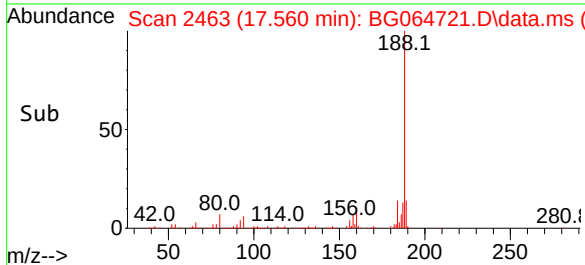
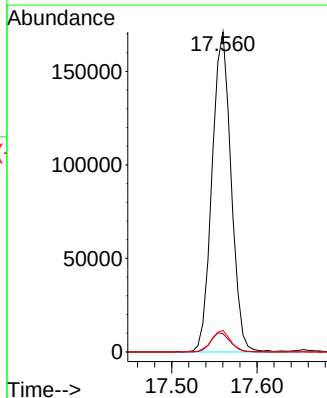
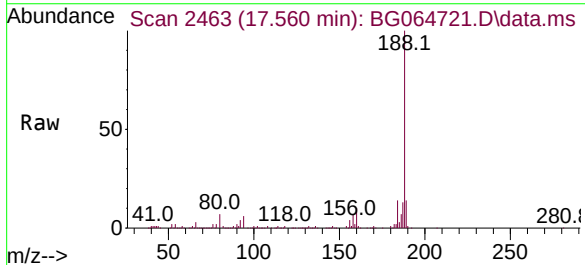
Instrument :
BNA_G
ClientSampleId :
MANHOLE

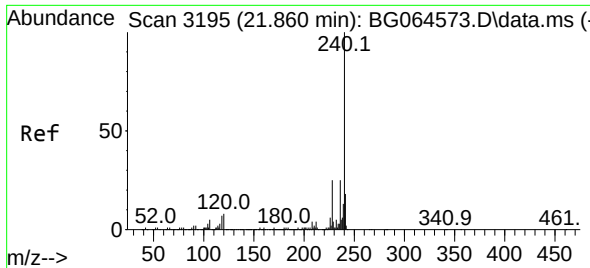
Tgt Ion:172 Resp: 529460
Ion Ratio Lower Upper
172 100
171 35.9 29.4 44.0
170 23.9 19.1 28.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.560 min Scan# 2463
Delta R.T. -0.022 min
Lab File: BG064721.D
Acq: 7 Nov 2025 18:15

Tgt Ion:188 Resp: 265224
Ion Ratio Lower Upper
188 100
94 5.7 5.7 8.5
80 6.7 6.8 10.2#

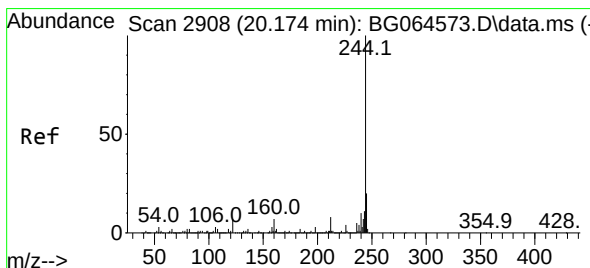
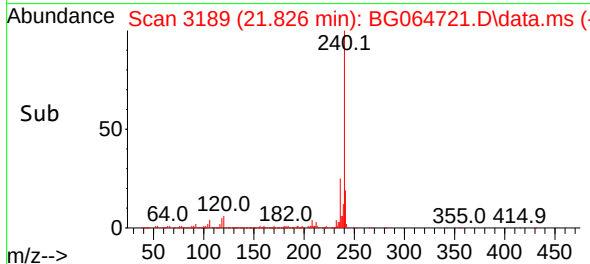
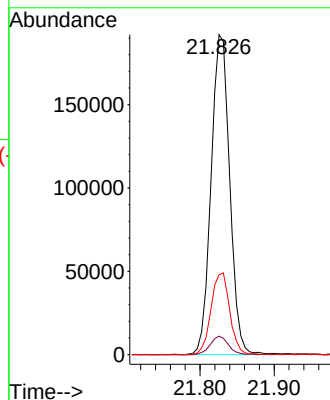
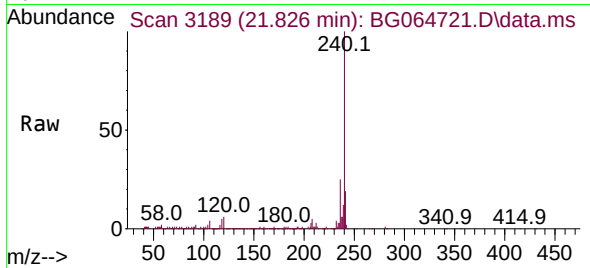




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.826 min Scan# 3195
Delta R.T. -0.034 min
Lab File: BG064721.D
Acq: 7 Nov 2025 18:15

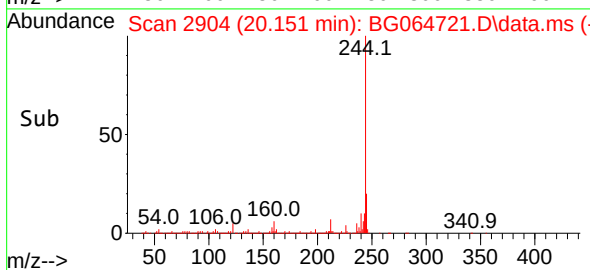
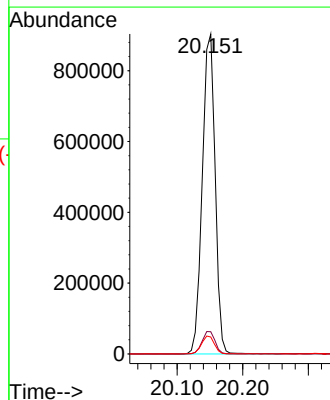
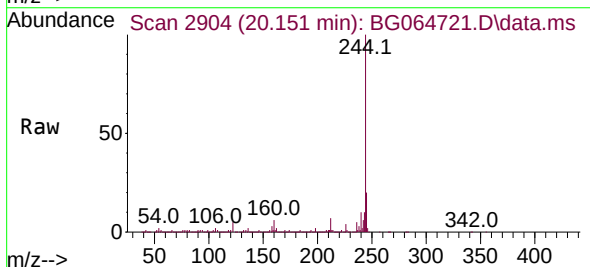
Instrument :
BNA_G
ClientSampleId :
MANHOLE

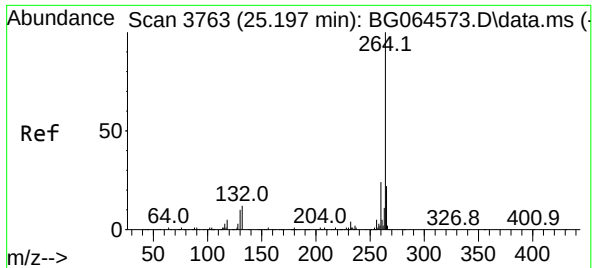
Tgt Ion:240 Resp: 334889
Ion Ratio Lower Upper
240 100
120 5.8 6.5 9.7#
236 25.0 20.2 30.2



#79
Terphenyl-d14
Concen: 68.728 ng
RT: 20.151 min Scan# 2904
Delta R.T. -0.022 min
Lab File: BG064721.D
Acq: 7 Nov 2025 18:15

Tgt Ion:244 Resp: 1219626
Ion Ratio Lower Upper
244 100
212 6.9 6.1 9.1
122 5.3 5.6 8.4#

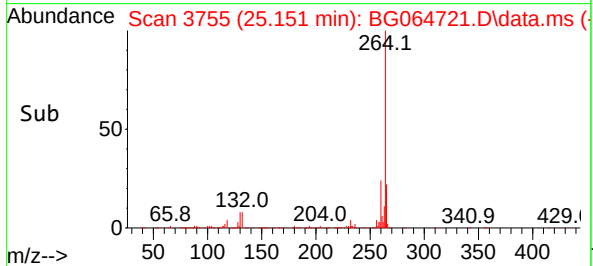
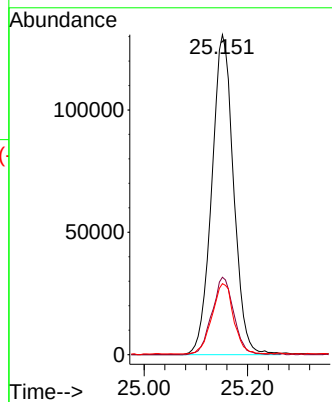
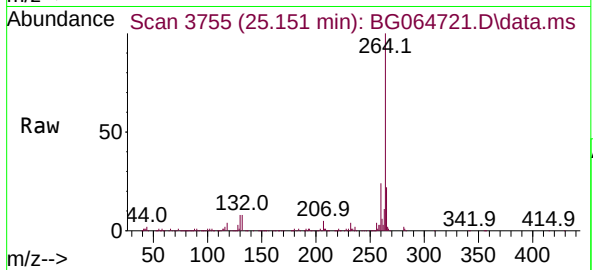




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.151 min Scan# 31
Delta R.T. -0.046 min
Lab File: BG064721.D
Acq: 7 Nov 2025 18:15

Instrument :
BNA_G
ClientSampleId :
MANHOLE

Tgt Ion:264 Resp: 384191
Ion Ratio Lower Upper
264 100
260 24.2 19.0 28.4
265 22.2 17.6 26.4





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: SPEC01Lab Code: ACESDG No.: Q3551Instrument ID: BNA_GCalibration Date(s): 10/24/2025 10/24/2025Calibration Time(s): 09:00 15:32

LAB FILE ID:		RRF2.5 = BG064569.D			RRF005 = BG064570.D		RRF010 = BG064571.D	
		RRF020 = BG064572.D			RRF040 = BG064573.D		RRF060 = BG064574.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF060	RRF	% RSD
2-Fluorophenol		1.098	1.207	1.155	1.292	1.318	1.192	7.1
Phenol-d6		1.469	1.654	1.566	1.771	1.864	1.635	8.6
Nitrobenzene-d5		0.239	0.286	0.314	0.377	0.403	0.333	17.0
2-Fluorobiphenyl		1.310	1.389	1.306	1.384	1.384	1.319	5.2
2,4,6-Tribromophenol		0.221	0.266	0.272	0.318	0.346	0.289	14.0
Terphenyl-d14		1.074	1.120	1.066	1.142	1.102	1.060	7.2
Bis(2-ethylhexyl)phthalate		0.484	0.555	0.581	0.671	0.667	0.590	11.0

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-BG102425.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Mon Nov 03 18:16:26 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BG064569.D 5 =BG064570.D 10 =BG064571.D 20 =BG064572.D 40 =BG064573.D 50 =BG064576.D 60 =BG064574.D 80 =BG064575.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.570	0.581	0.524	0.525	0.474	0.559	0.460	0.528	8.85	
3)	Pyridine	1.630	1.608	1.552	1.669	1.471	1.733	1.427	1.584	6.84	
4)	n-Nitrosodimet...		0.912	0.807	0.900	0.780	0.921	0.776	0.850	8.08	
5) S	2-Fluorophenol	1.098	1.207	1.155	1.292	1.139	1.318	1.132	1.192	7.09	
6)	Aniline	2.203	2.320	2.131	2.386	2.090	2.440	2.004	2.225	7.28	
7) S	Phenol-d6	1.469	1.654	1.566	1.771	1.597	1.864	1.524	1.635	8.55	
8)	2-Chlorophenol	1.051	1.207	1.197	1.373	1.225	1.461	1.216	1.247	10.65	
9)	Benzaldehyde		0.942	0.994	0.940	0.836	0.981	0.662	0.893	14.09	
10) C	Phenol	1.665	1.820	1.748	1.944	1.761	2.027	1.693	1.808	7.36	
11)	bis(2-Chloroet...	1.307	1.409	1.292	1.383	1.273	1.443	1.198	1.329	6.47	
12)	1,3-Dichlorobe...	1.435	1.516	1.394	1.520	1.342	1.542	1.299	1.435	6.62	
13) C	1,4-Dichlorobe...	1.431	1.546	1.442	1.534	1.381	1.561	1.323	1.460	6.21	
14)	1,2-Dichlorobe...	1.371	1.518	1.364	1.483	1.316	1.520	1.283	1.408	6.97	
15)	Benzyl Alcohol		1.281	1.263	1.425	1.306	1.533	1.283	1.348	7.97	
16)	2,2'-oxybis(1-...	3.421	3.604	3.396	3.733	3.301	3.802	3.154	3.487	6.74	
17)	2-Methylphenol	1.103	1.225	1.178	1.273	1.159	1.345	1.120	1.201	7.22	
18)	Hexachloroethane	0.468	0.535	0.505	0.541	0.496	0.557	0.483	0.512	6.41	
19) P	n-Nitroso-di-n...	1.044	1.038	1.141	1.129	1.227	1.115	1.289	1.057	1.130	7.93
20)	3+4-Methylphenols		1.652	1.581	1.818	1.612	1.895	1.571	1.688	8.04	
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.535	0.565	0.528	0.584	0.516	0.590	0.509	0.547	6.04	
23) S	Nitrobenzene-d5	0.239	0.286	0.314	0.377	0.356	0.403	0.356	0.333	17.02	
24)	Nitrobenzene	0.274	0.312	0.344	0.410	0.377	0.438	0.380	0.362	15.64	
25)	Isophorone	0.751	0.796	0.771	0.869	0.764	0.891	0.751	0.799	7.25	
26) C	2-Nitrophenol	0.076	0.095	0.110	0.137	0.135	0.152	0.144	0.121	23.20	
27)	2,4-Dimethylph...	0.236	0.294	0.285	0.335	0.297	0.343	0.290	0.297	11.93	
28)	bis(2-Chloroet...	0.452	0.464	0.443	0.490	0.426	0.493	0.417	0.455	6.48	
29) C	2,4-Dichloroph...	0.243	0.299	0.315	0.360	0.327	0.373	0.322	0.320	13.34	
30)	1,2,4-Trichlor...	0.338	0.369	0.348	0.391	0.349	0.399	0.349	0.363	6.44	
31)	Naphthalene	1.083	1.144	1.084	1.177	1.036	1.201	1.037	1.109	5.96	
32)	Benzoic acid		0.142	0.164	0.223	0.215	0.260	0.237	0.207	21.74	
33)	4-Chloroaniline	0.390	0.456	0.411	0.459	0.410	0.486	0.405	0.431	8.29	
34) C	Hexachlorobuta...	0.266	0.291	0.282	0.299	0.271	0.306	0.273	0.284	5.33	
35)	Caprolactam		0.112	0.114	0.134	0.118	0.142	0.116	0.123	9.85	
36) C	4-Chloro-3-met...	0.323	0.381	0.361	0.426	0.376	0.454	0.370	0.384	11.18	
37)	2-Methylnaphth...	0.764	0.858	0.797	0.865	0.772	0.888	0.755	0.814	6.74	
38)	1-Methylnaphth...	0.798	0.849	0.776	0.853	0.752	0.878	0.735	0.806	6.85	

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
 Method File : 8270-BG102425.M

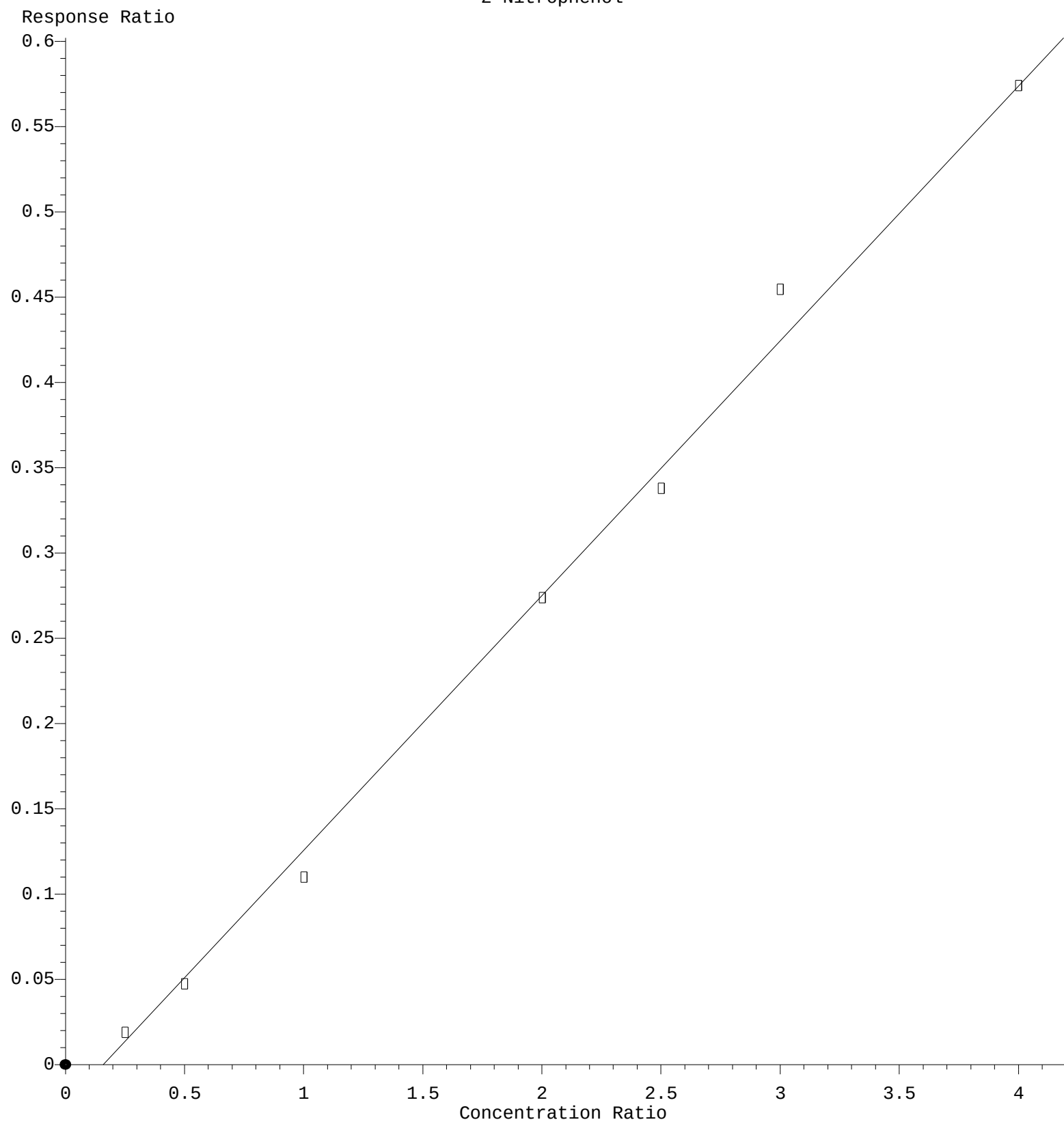
39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.657	0.684	0.648	0.702	0.633	0.717	0.657	0.671	4.55	
41) P	Hexachlorocycl...		0.268	0.279	0.324	0.297	0.340	0.305	0.302	8.97	
42) S	2,4,6-Tribromo...	0.221	0.266	0.272	0.318	0.292	0.346	0.306	0.289	14.04	
43) C	2,4,6-Trichlor...	0.294	0.333	0.375	0.423	0.399	0.456	0.408	0.384	14.41	
44)	2,4,5-Trichlor...	0.339	0.425	0.439	0.484	0.443	0.517	0.454	0.443	12.48	
45) S	2-Fluorobiphenyl	1.310	1.389	1.306	1.384	1.235	1.384	1.228	1.319	5.24	
46)	1,1'-Biphenyl	1.456	1.450	1.401	1.489	1.326	1.498	1.333	1.422	4.98	
47)	2-Chloronaphth...	1.065	1.082	1.053	1.132	1.013	1.145	1.023	1.073	4.71	
48)	2-Nitroaniline	0.201	0.234	0.277	0.348	0.343	0.404	0.367	0.311	24.06	
49)	Acenaphthylene	1.667	1.726	1.647	1.786	1.593	1.827	1.604	1.693	5.30	
50)	Dimethylphthalate	1.389	1.570	1.488	1.641	1.462	1.699	1.462	1.530	7.21	
51)	2,6-Dinitrotol...	0.127	0.180	0.193	0.247	0.244	0.283	0.254	0.218	24.69	
52) C	Acenaphthene	1.126	1.178	1.115	1.223	1.093	1.261	1.101	1.157	5.63	
53)	3-Nitroaniline	0.180	0.211	0.252	0.294	0.281	0.325	0.297	0.263	19.70	
54) P	2,4-Dinitrophenol		0.086	0.110	0.137	0.139	0.165	0.154	0.132	22.11	
55)	Dibenzofuran	1.881	1.972	1.826	1.963	1.734	1.988	1.725	1.870	5.96	
56) P	4-Nitrophenol		0.191	0.213	0.261	0.250	0.283	0.267	0.244	14.40	
57)	2,4-Dinitrotol...	0.223	0.269	0.300	0.385	0.373	0.434	0.396	0.340	22.67	
58)	Fluorene	1.471	1.559	1.426	1.531	1.356	1.549	1.329	1.460	6.38	
59)	2,3,4,6-Tetrac...	0.312	0.385	0.402	0.466	0.444	0.508	0.449	0.424	15.04	
60)	Diethylphthalate	1.417	1.645	1.514	1.657	1.486	1.718	1.502	1.563	7.06	
61)	4-Chlorophenyl...	0.800	0.864	0.792	0.866	0.763	0.888	0.763	0.820	6.38	
62)	4-Nitroaniline	0.194	0.252	0.286	0.327	0.310	0.355	0.324	0.293	18.55	
63)	Azobenzene	1.362	1.504	1.377	1.538	1.338	1.564	1.353	1.434	6.80	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...		0.055	0.064	0.083	0.083	0.097	0.093	0.079	21.00	
66) c	n-Nitrosodiphe...	0.510	0.551	0.525	0.583	0.518	0.594	0.500	0.540	6.79	
67)	4-Bromophenyl-...	0.218	0.236	0.230	0.258	0.229	0.264	0.224	0.237	7.28	
68)	Hexachlorobenzene	0.254	0.266	0.262	0.292	0.260	0.302	0.256	0.270	6.99	
69)	Atrazine	0.215	0.227	0.249	0.245	0.219	0.261	0.211	0.232	8.27	
70) C	Pentachlorophenol		0.132	0.152	0.180	0.172	0.199	0.177	0.169	13.91	
71)	Phenanthrene	1.084	1.133	1.073	1.162	1.020	1.179	1.005	1.094	6.17	
72)	Anthracene	1.087	1.144	1.101	1.187	1.041	1.204	1.025	1.113	6.17	
73)	Carbazole	0.982	1.037	0.982	1.031	0.910	1.028	0.897	0.981	5.90	
74)	Di-n-butylphth...	1.011	1.156	1.179	1.240	1.084	1.198	1.075	1.134	7.11	
75) C	Fluoranthene	1.385	1.463	1.380	1.440	1.273	1.403	1.247	1.370	5.91	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine		0.392	0.475	0.490	0.416	0.533	0.383	0.448	13.40	
78)	Pyrene	1.287	1.331	1.284	1.411	1.233	1.406	1.196	1.307	6.24	
79) S	Terphenyl-d14	1.074	1.120	1.066	1.142	0.987	1.102	0.928	1.060	7.21	
80)	Butylbenzylphth...	0.284	0.359	0.388	0.450	0.408	0.467	0.410	0.395	15.43	
81)	Benzo(a)anthra...	1.294	1.355	1.292	1.416	1.253	1.430	1.243	1.326	5.71	
82)	3,3'-Dichlorob...		0.418	0.428	0.477	0.424	0.486	0.424	0.443	6.88	
83)	Chrysene	1.249	1.291	1.229	1.344	1.188	1.359	1.173	1.262	5.76	
84)	Bis(2-ethylhex...	0.484	0.555	0.581	0.671	0.585	0.667	0.588	0.590	10.95	
85) c	Di-n-octyl pht...		0.871	0.932	1.087	0.976	1.117	0.986	0.995	9.32	

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG102425.M

86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.383	1.491	1.410	1.568	1.396	1.642	1.410	1.471	6.80
88)	Benzo(b)fluora...	1.138	1.246	1.169	1.322	1.173	1.353	1.183	1.226	6.77
89)	Benzo(k)fluora...	1.175	1.260	1.206	1.285	1.151	1.364	1.149	1.227	6.51
90) C	Benzo(a)pyrene	1.061	1.144	1.093	1.202	1.067	1.246	1.079	1.127	6.42
91)	Dibenzo(a,h)an...	1.120	1.223	1.158	1.268	1.130	1.324	1.143	1.195	6.55
92)	Benzo(g,h,i)pe...	1.080	1.162	1.089	1.213	1.078	1.280	1.092	1.142	6.95

(#) = Out of Range

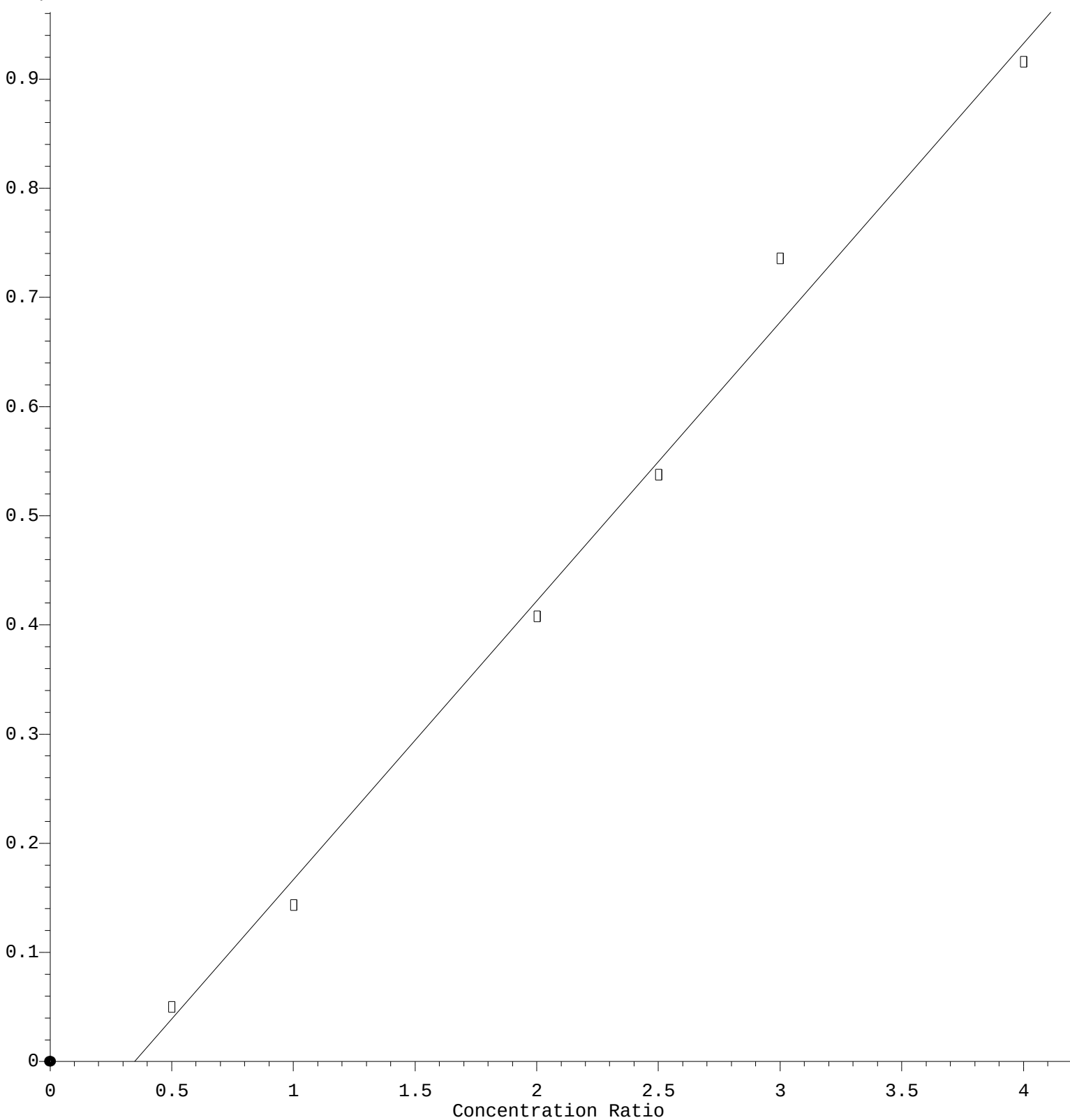
2-Nitrophenol



Response = 1.495e-001 * Amt - 2.340e-002
 Coef of Det (r^2)= 0.995585 Curve Fit: wlr(1/a)
 Method Name: Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Calibration Table Last Updated: Fri Oct 24 16:40:26 2025

Benzoic acid

Response Ratio



$$\text{Response} = 2.554\text{e-}001 * \text{Amt} - 8.844\text{e-}002$$

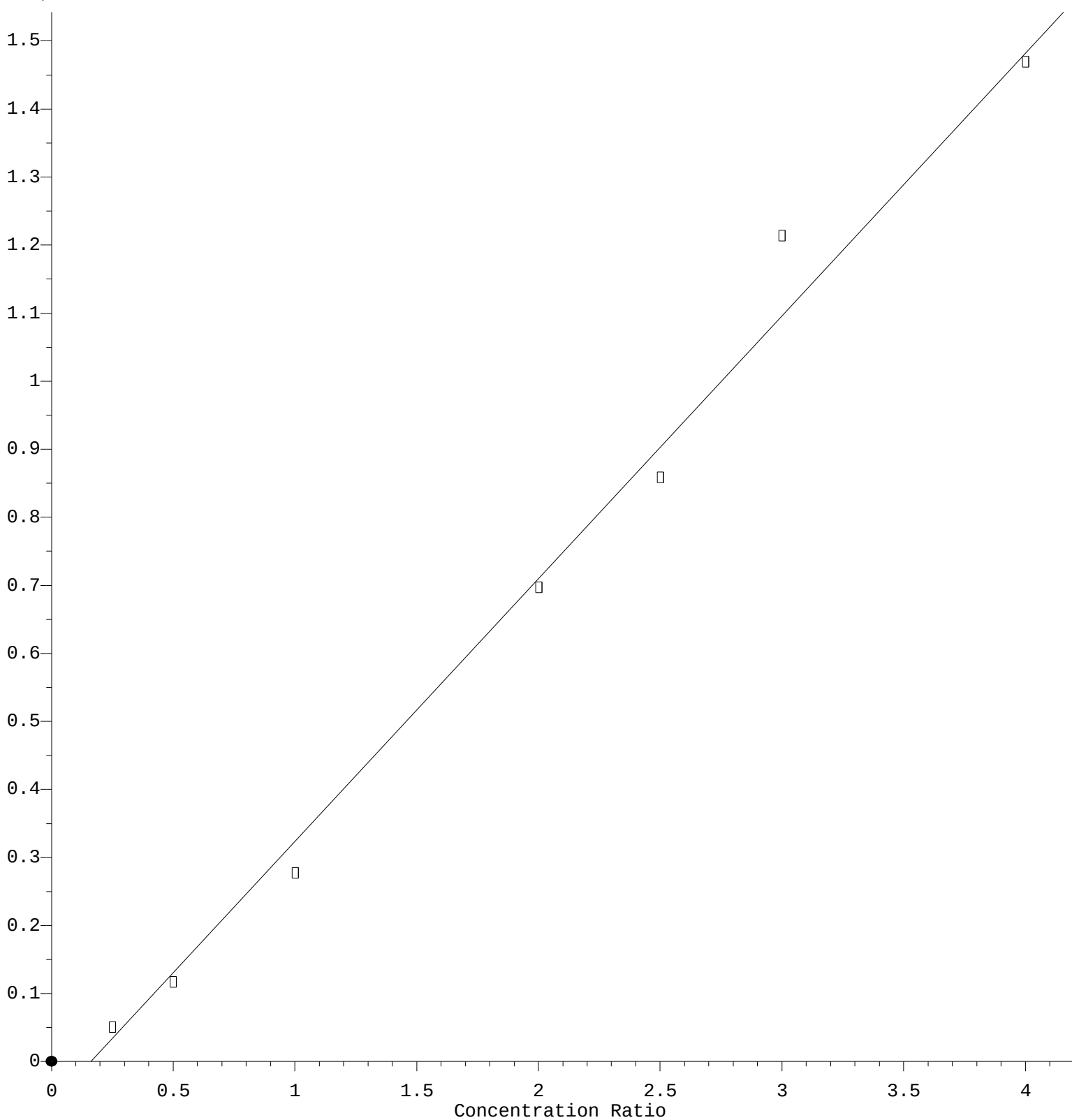
Coef of Det (r^2) = 0.993384 Curve Fit: wlr(1/a)

Method Name: Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Calibration Table Last Updated: Fri Oct 24 16:40:26 2025

2-Nitroaniline

Response Ratio



$$\text{Response} = 3.863\text{e-}001 * \text{Amt} - 6.228\text{e-}002$$

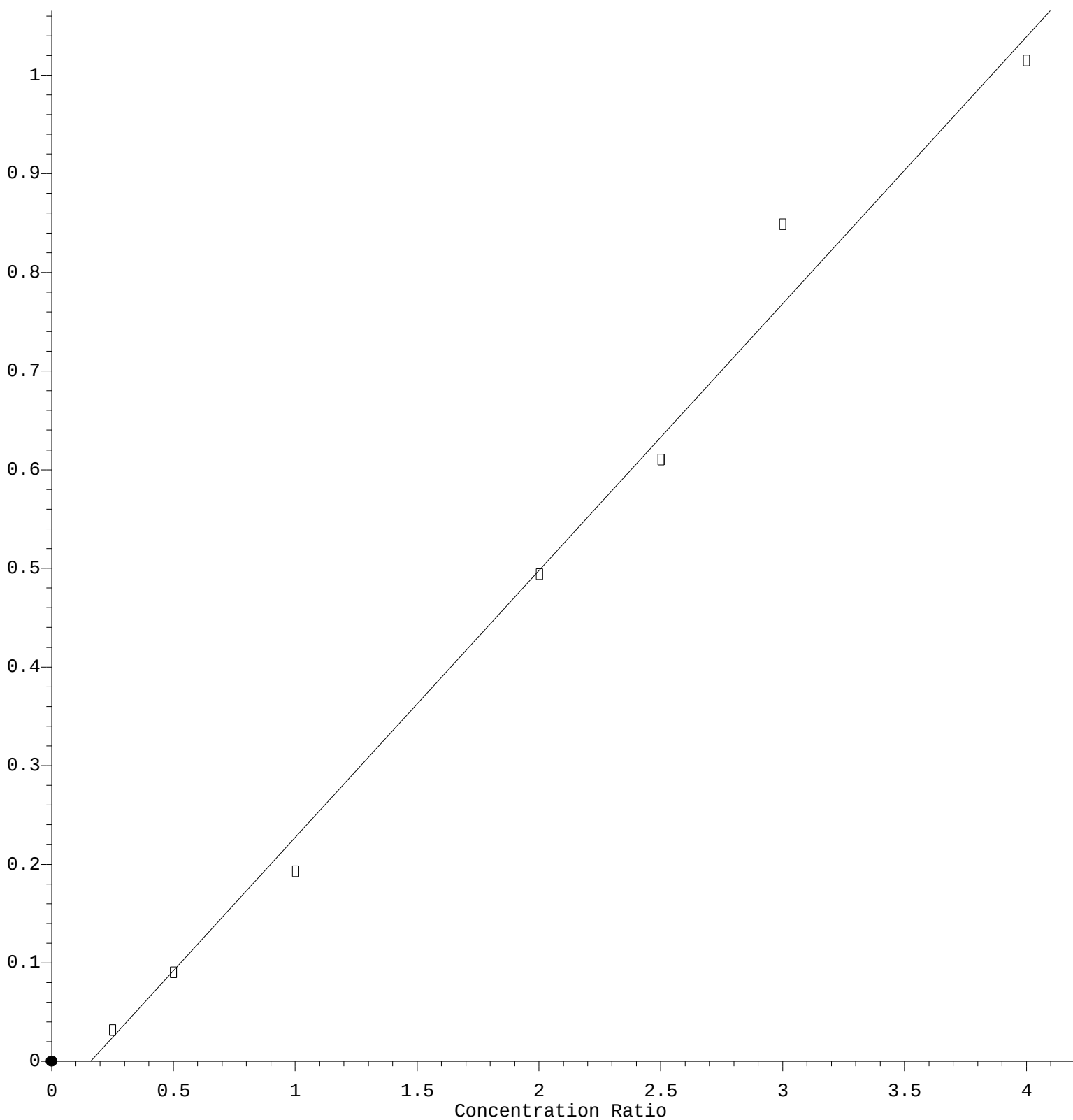
Coef of Det (r^2) = 0.991893 Curve Fit: wlr(1/a)

Method Name: Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Calibration Table Last Updated: Fri Oct 24 16:40:26 2025

2,6-Dinitrotoluene

Response Ratio



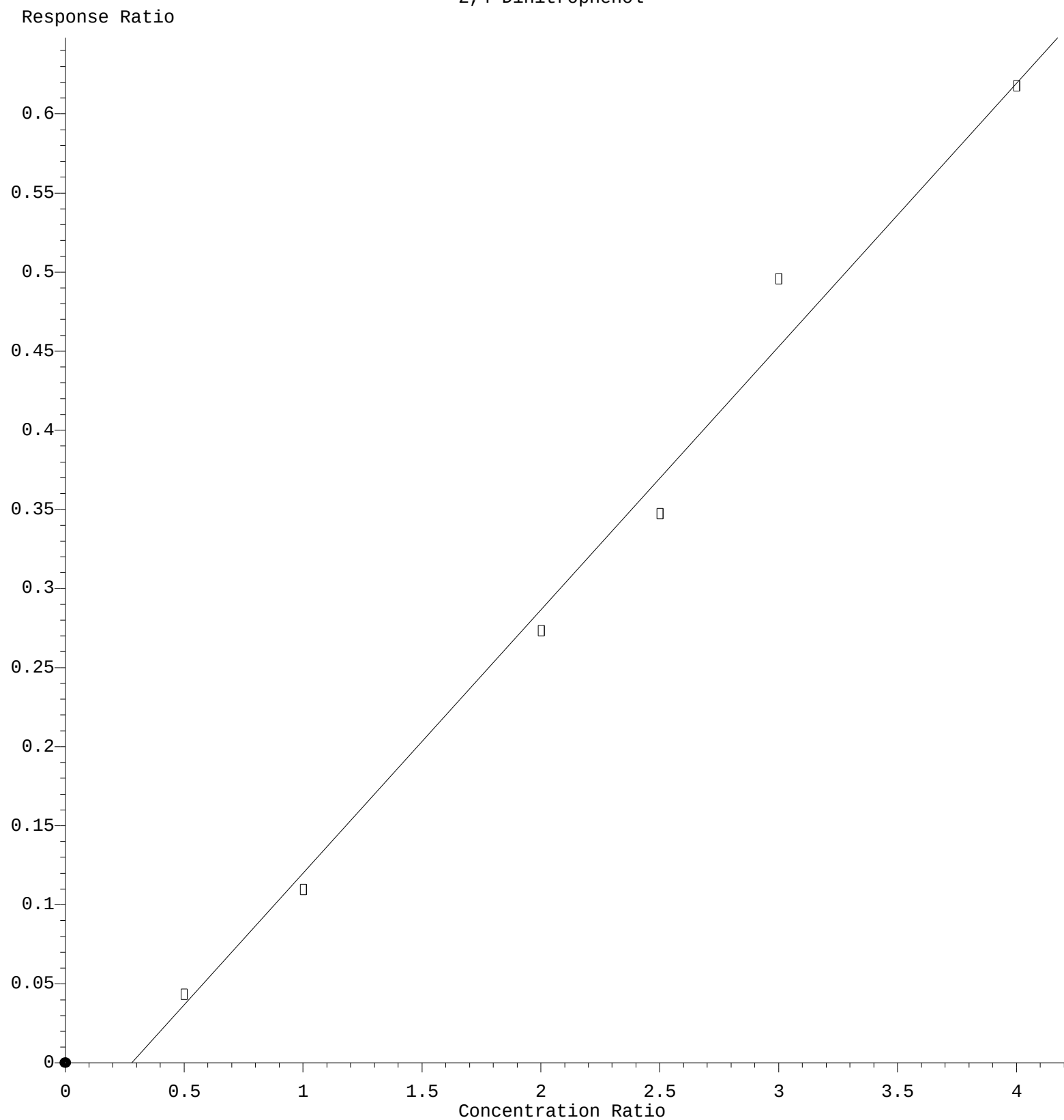
$$\text{Response} = 2.705\text{e-}001 * \text{Amt} - 4.319\text{e-}002$$

Coef of Det (r^2) = 0.992850 Curve Fit: wlr(1/a)

Method Name: Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Calibration Table Last Updated: Fri Oct 24 16:40:26 2025

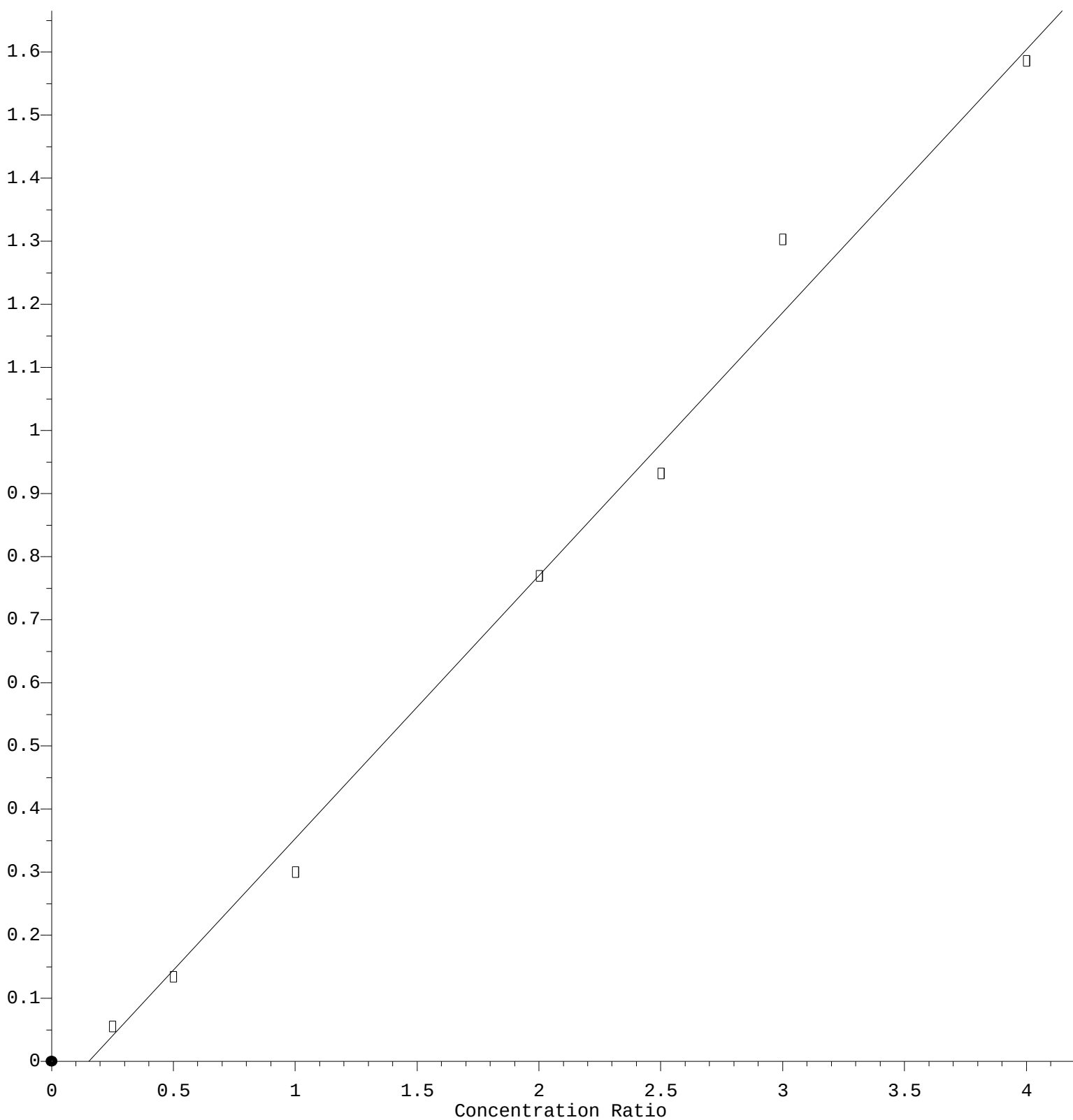
2,4-Dinitrophenol



Response = 1.666e-001 * Amt - 4.640e-002
 Coef of Det (r^2) = 0.992196 Curve Fit: wlr(1/a)
 Method Name: Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Calibration Table Last Updated: Fri Oct 24 16:40:26 2025

2,4-Dinitrotoluene

Response Ratio



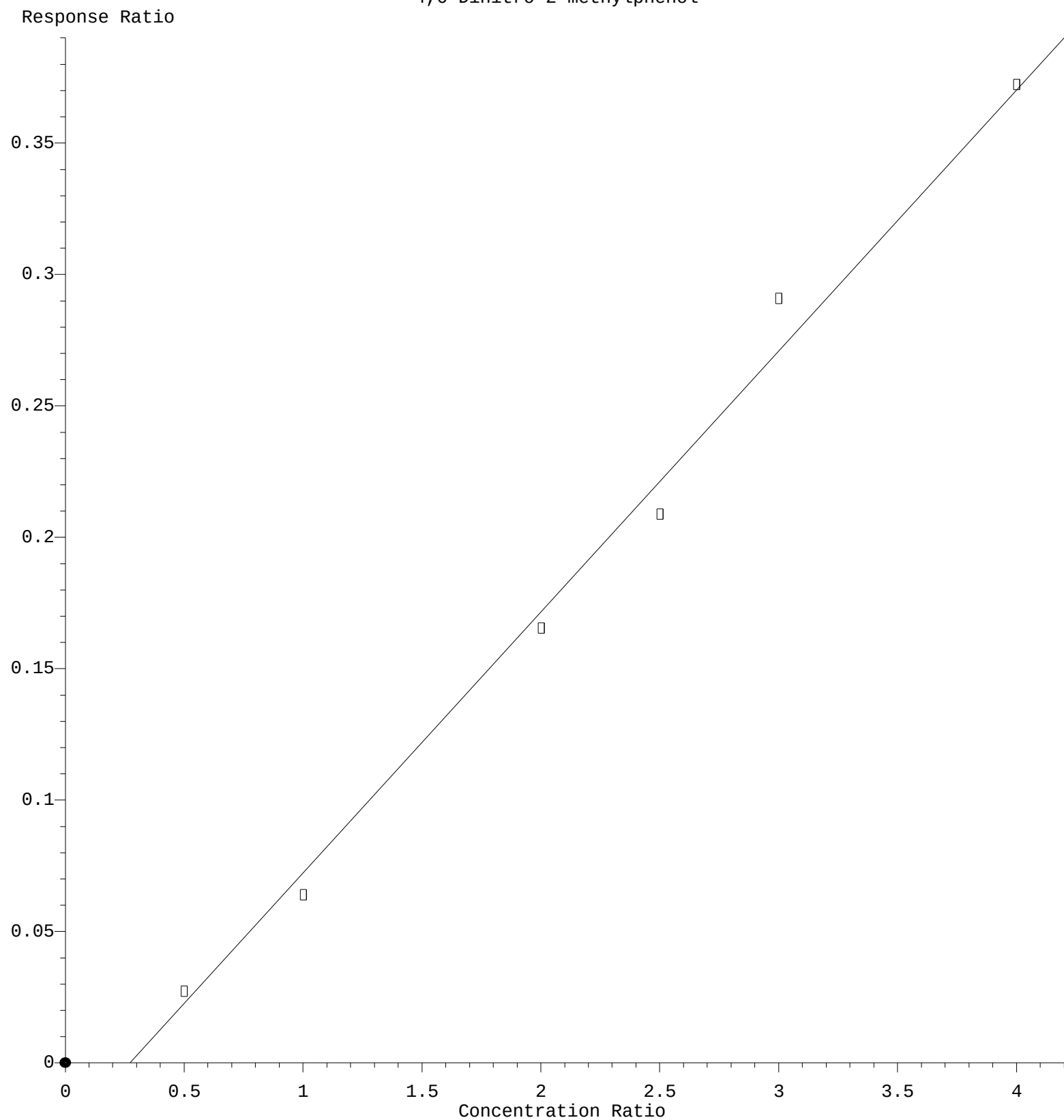
$$\text{Response} = 4.169\text{e-}001 * \text{Amt} - 6.360\text{e-}002$$

Coef of Det (r^2) = 0.992833 Curve Fit: wlr(1/a)

Method Name: Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Calibration Table Last Updated: Fri Oct 24 16:40:26 2025

4,6-Dinitro-2-methylphenol



Response = $9.922 \times 10^{-2} \times \text{Amt} - 2.692 \times 10^{-2}$
 Coef of Det (r^2) = 0.993360 Curve Fit: wlr(1/a)
 Method Name: Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Calibration Table Last Updated: Fri Oct 24 16:40:26 2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064569.D
Acq On : 24 Oct 2025 9:00
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Quant Time: Nov 03 17:57:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration

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

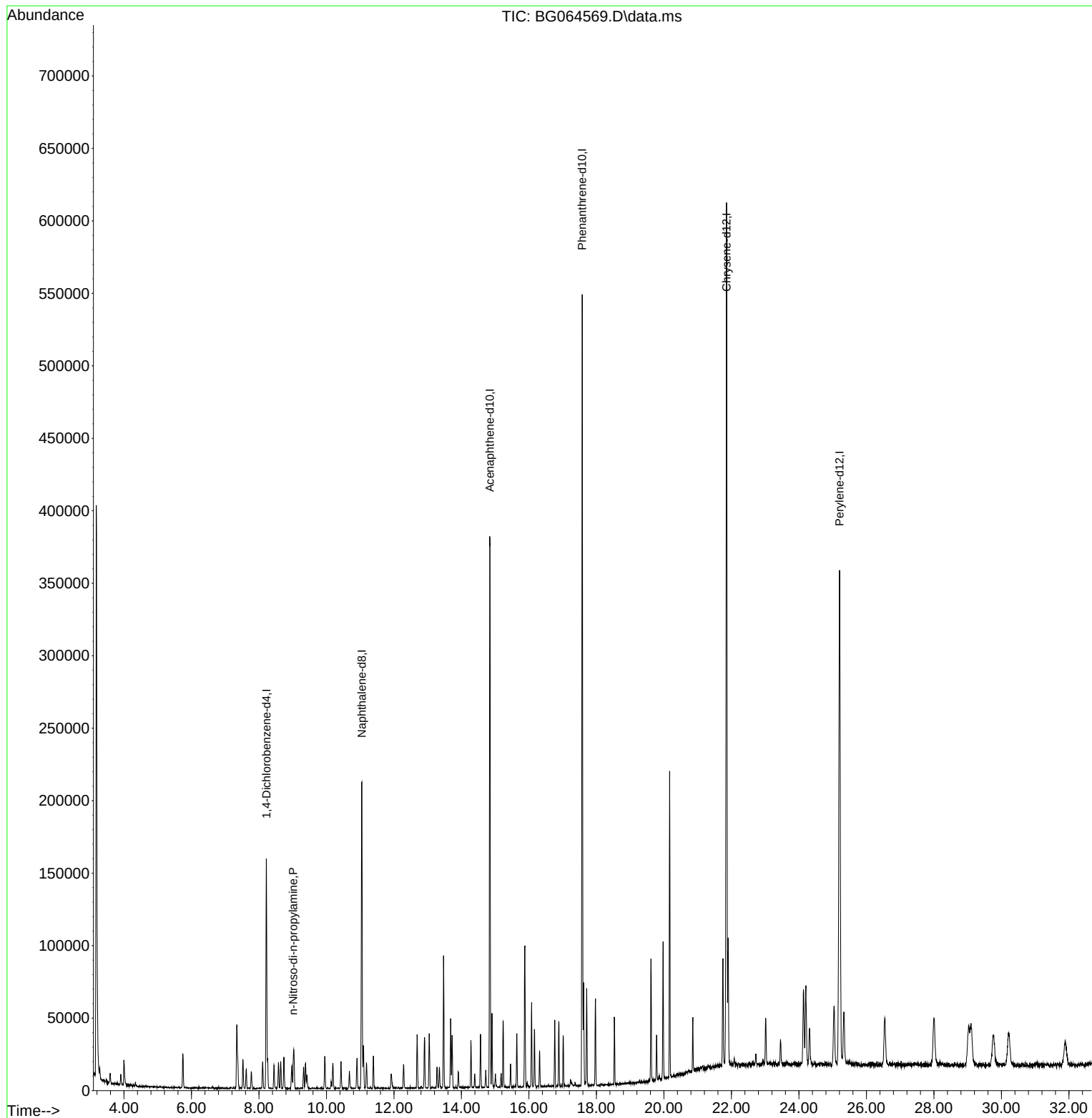
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	43718	20.000	ng	0.00
21) Naphthalene-d8	11.049	136	174680	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	136814	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	341404	20.000	ng	0.00
76) Chrysene-d12	21.854	240	378586	20.000	ng	0.00
86) Perylene-d12	25.203	264	398350	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.016	70	5707	2.310	ng	# 90

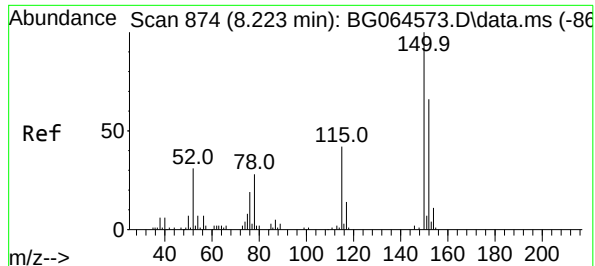
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064569.D
Acq On : 24 Oct 2025 9:00
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Quant Time: Nov 03 17:57:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.223 min Scan# 81

Delta R.T. -0.000 min

Lab File: BG064569.D

Acq: 24 Oct 2025 9:00

Instrument :

BNA_G

ClientSampleId :

SSTDICC2.5

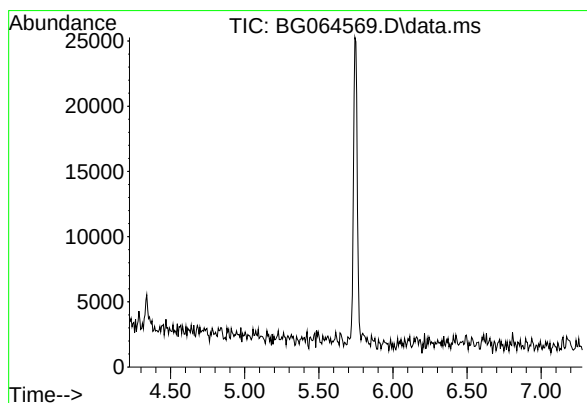
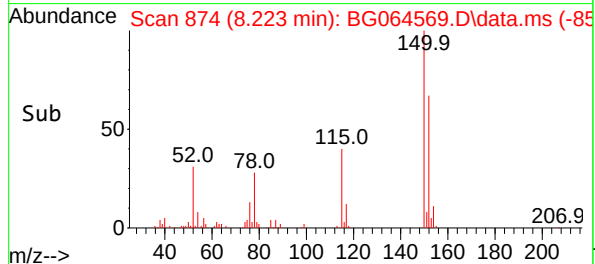
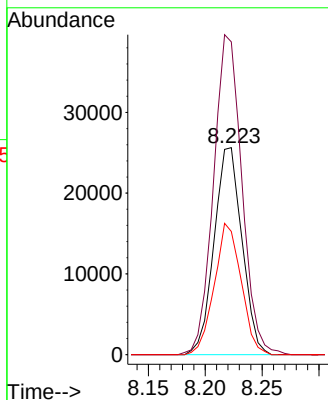
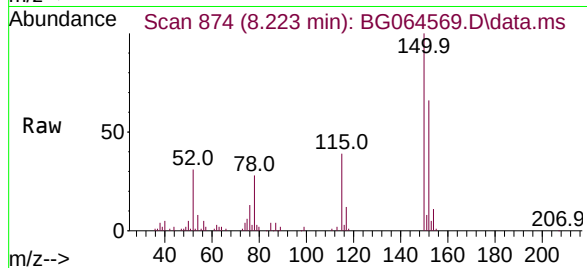
Tgt Ion:152 Resp: 43718

Ion Ratio Lower Upper

152 100

150 151.2 122.2 183.4

115 59.5 50.8 76.2



#5

2-Fluorophenol

Concen: 0.000 ng

Expected RT: 5.75 min

Lab File: BG064569.D

Acq: 24 Oct 2025 9:00

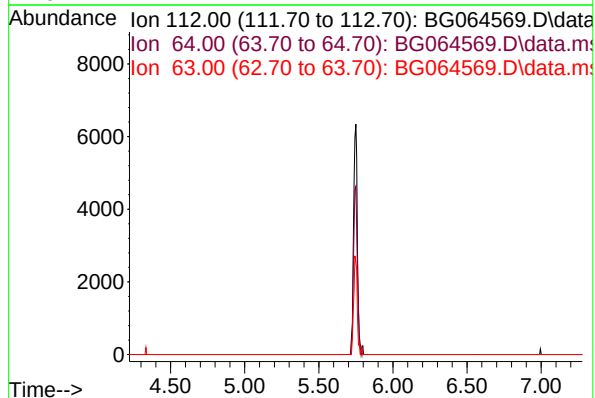
Tgt Ion: 112

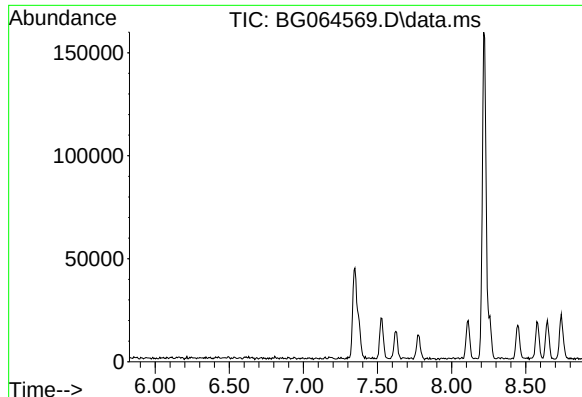
Sig Exp Ratio

112 100

64 75.9

63 41.7





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 7.35 min

Lab File: BG064569.D

Acq: 24 Oct 2025 9:00

Instrument :

BNA_G

ClientSampleId :

SSTDICC2.5

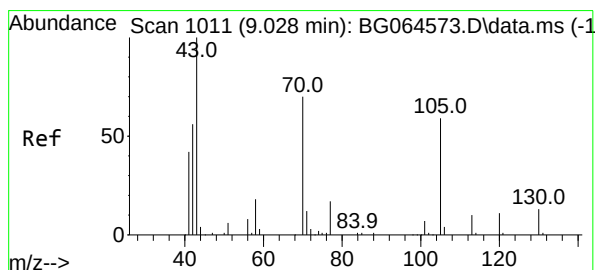
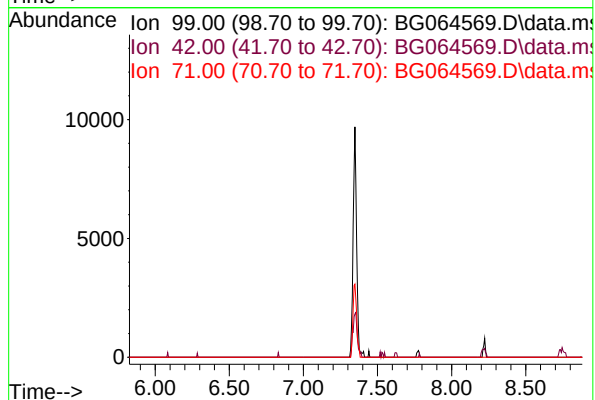
Tgt Ion: 99

Sig Exp Ratio

99 100

42 22.9

71 35.8



#19

n-Nitroso-di-n-propylamine

Concen: 2.310 ng

RT: 9.016 min Scan# 1009

Delta R.T. -0.012 min

Lab File: BG064569.D

Acq: 24 Oct 2025 9:00

Tgt Ion: 70 Resp: 5707

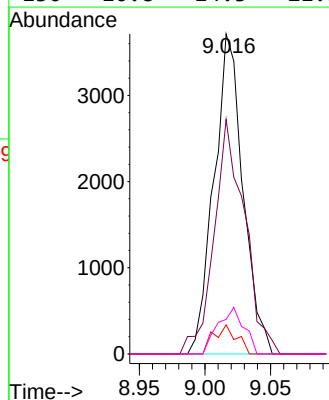
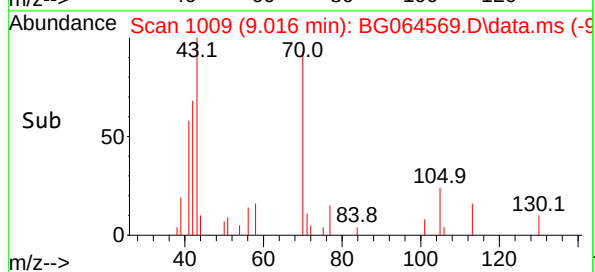
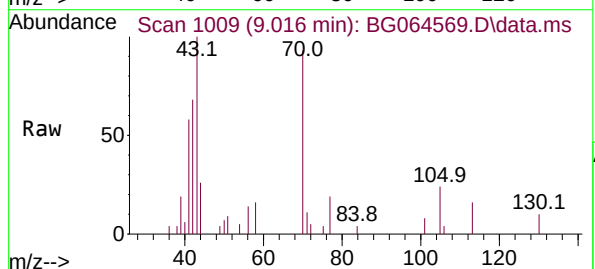
Ion Ratio Lower Upper

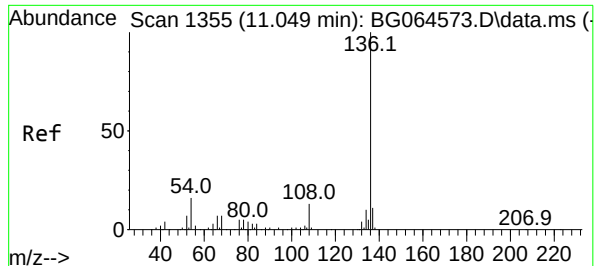
70 100

42 73.3 65.2 97.8

101 9.1 7.9 11.9

130 10.8 14.3 21.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.049 min Scan# 1355

Delta R.T. -0.000 min

Lab File: BG064569.D

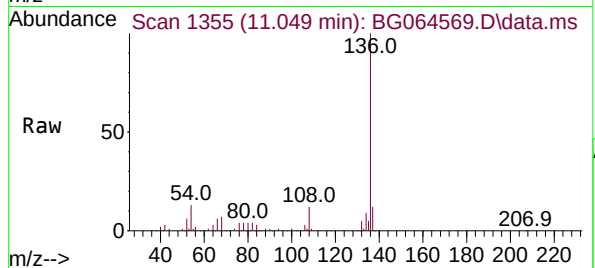
Acq: 24 Oct 2025 9:00

Instrument :

BNA_G

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 174680

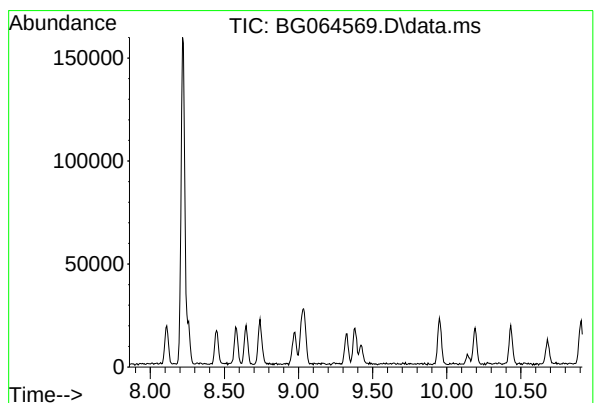
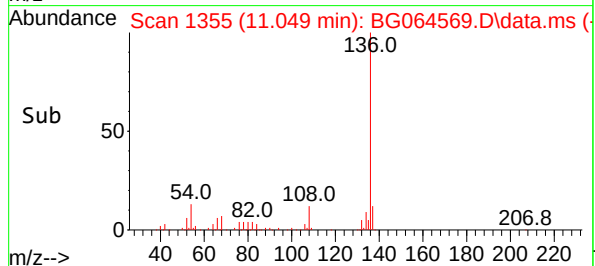
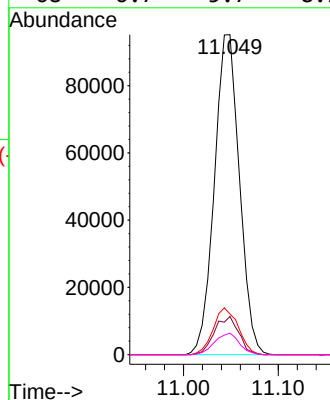
Ion Ratio Lower Upper

136 100

137 11.9 9.2 13.8

54 12.7 12.6 19.0

68 6.7 5.7 8.5



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 9.39 min

Lab File: BG064569.D

Acq: 24 Oct 2025 9:00

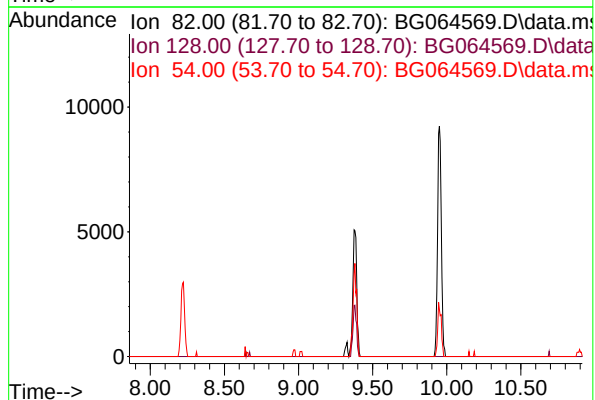
Tgt Ion: 82

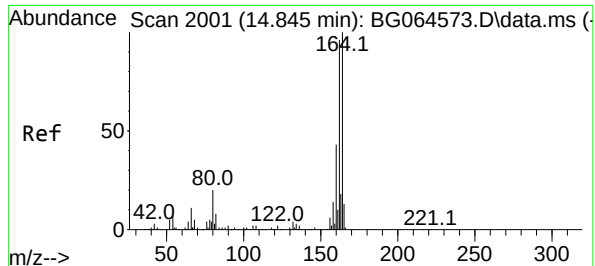
Sig Exp Ratio

82 100

128 39.1

54 70.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.839 min Scan# 20

Delta R.T. -0.006 min

Lab File: BG064569.D

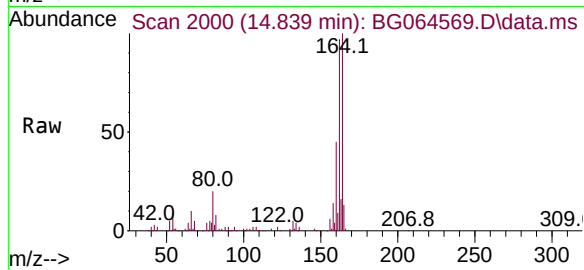
Acq: 24 Oct 2025 9:00

Instrument :

BNA_G

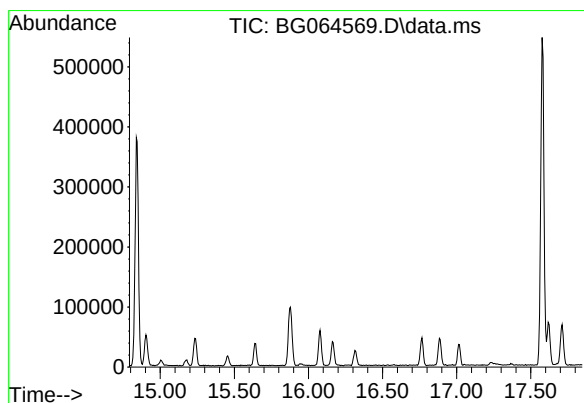
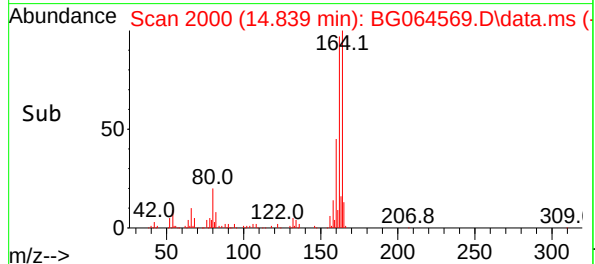
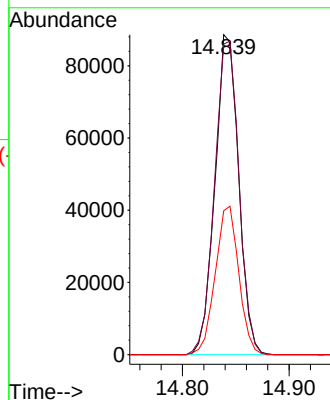
ClientSampleId :

SSTDICC2.5



Tgt Ion:164 Resp: 136814

Ion	Ratio	Lower	Upper
164	100		
162	97.0	77.0	115.6
160	45.0	34.4	51.6



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

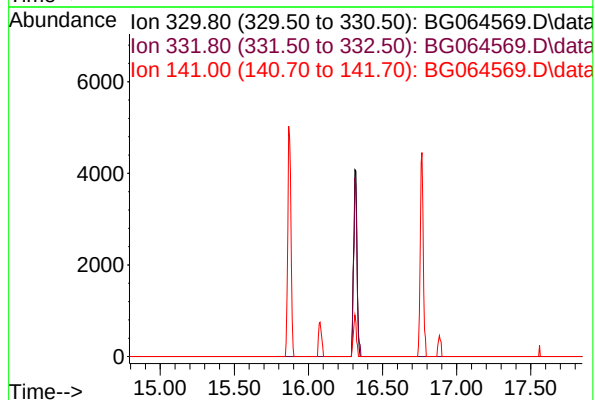
Expected RT: 16.32 min

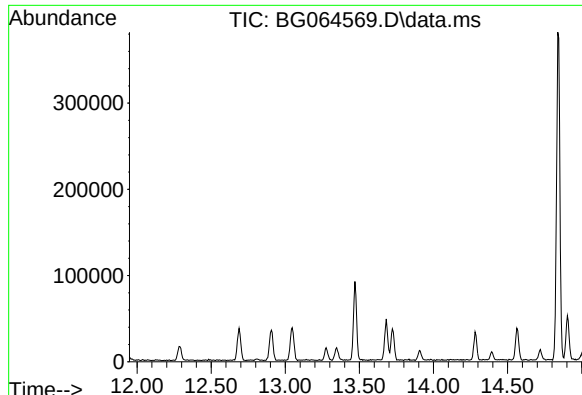
Lab File: BG064569.D

Acq: 24 Oct 2025 9:00

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	97.5
141	27.2





#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 13.48 min

Lab File: BG064569.D

Acq: 24 Oct 2025 9:00

Instrument :

BNA_G

ClientSampleId :

SSTDICC2.5

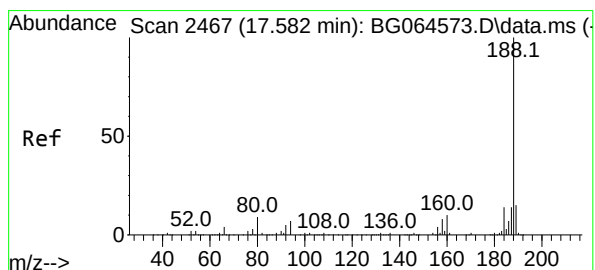
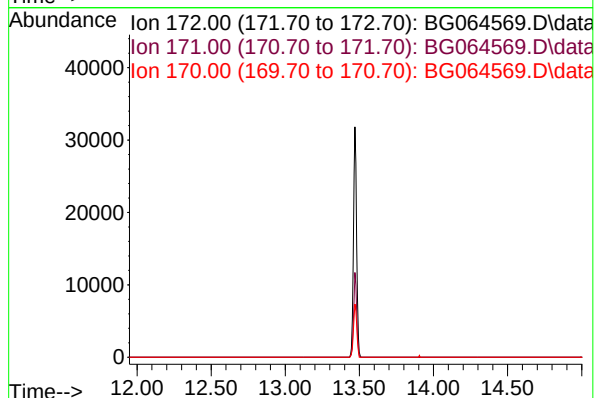
Tgt Ion: 172

Sig Exp Ratio

172 100

171 36.7

170 23.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.577 min Scan# 2466

Delta R.T. -0.006 min

Lab File: BG064569.D

Acq: 24 Oct 2025 9:00

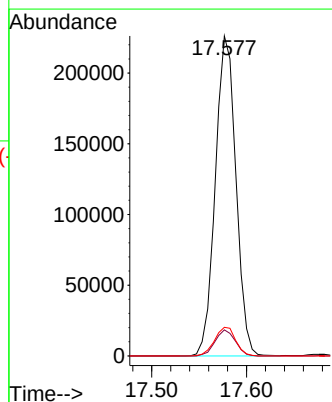
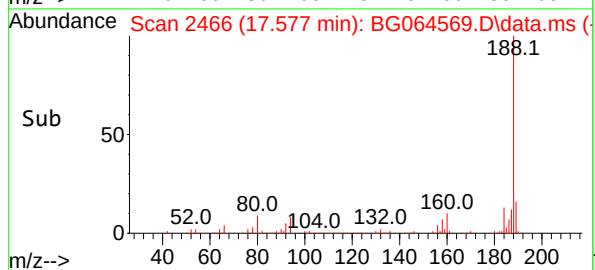
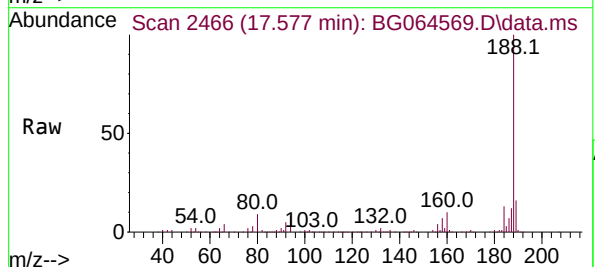
Tgt Ion:188 Resp: 341404

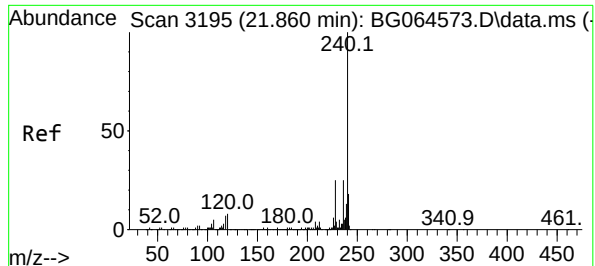
Ion Ratio Lower Upper

188 100

94 8.1 5.7 8.5

80 8.9 6.8 10.2

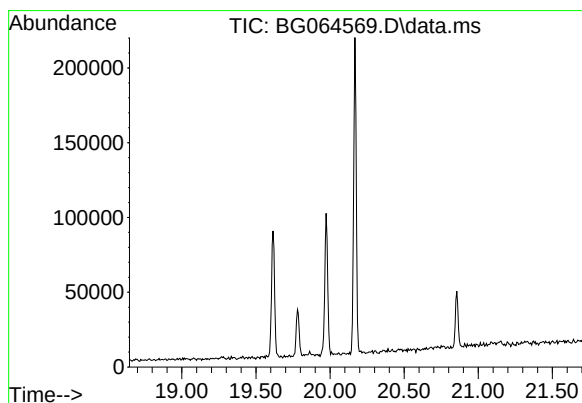
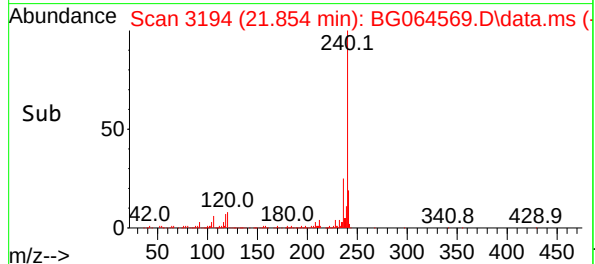
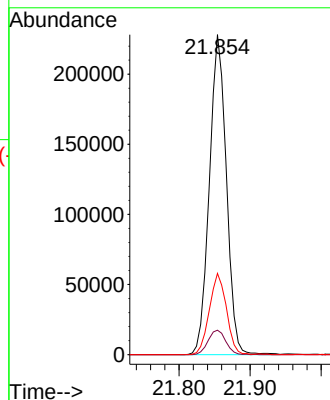
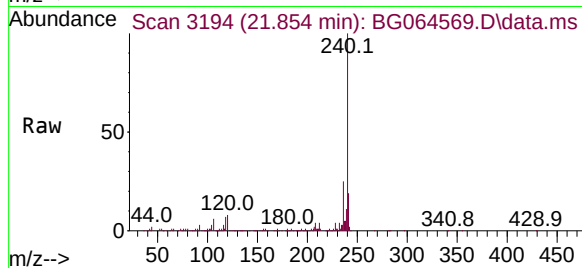




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.854 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG064569.D
Acq: 24 Oct 2025 9:00

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

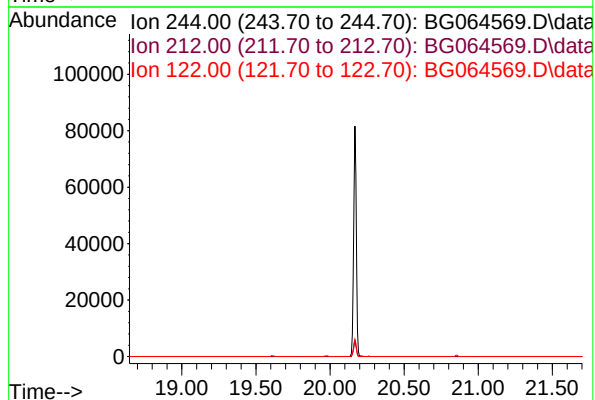
Tgt Ion:240 Resp: 378586
Ion Ratio Lower Upper
240 100
120 7.6 6.5 9.7
236 25.4 20.2 30.2



#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 20.17 min

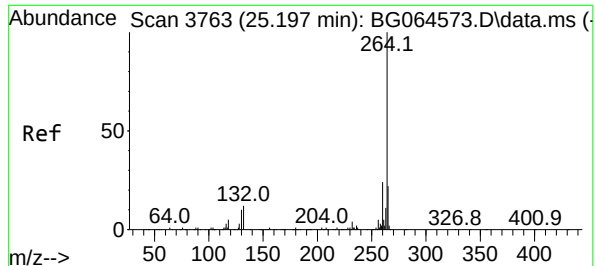
Lab File: BG064569.D
Acq: 24 Oct 2025 9:00

Tgt Ion: 244
Sig Exp Ratio
244 100
212 7.6
122 7.0



Ion 212.00 (211.70 to 212.70): BG064569.D\data.ms

Ion 122.00 (121.70 to 122.70): BG064569.D\data.ms



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.203 min Scan# 31

Delta R.T. 0.006 min

Lab File: BG064569.D

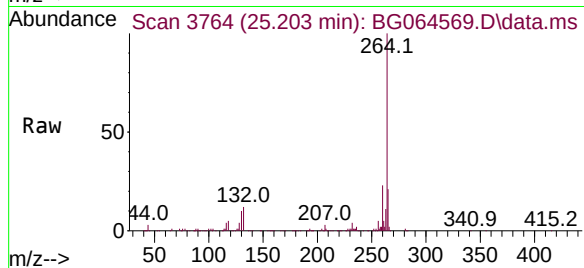
Acq: 24 Oct 2025 9:00

Instrument :

BNA_G

ClientSampleId :

SSTDICC2.5



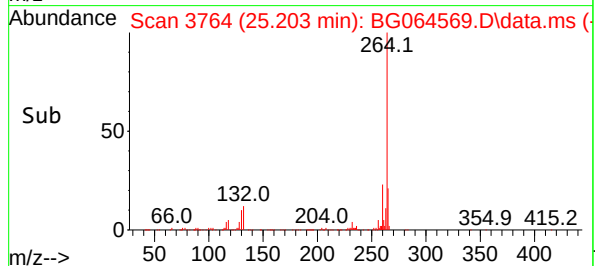
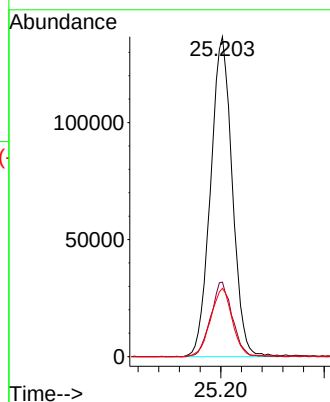
Tgt Ion:264 Resp: 398350

Ion	Ratio	Lower	Upper

264	100		

260	23.3	19.0	28.4

265	21.3	17.6	26.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064570.D
 Acq On : 24 Oct 2025 9:41
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 03 17:58:32 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Nov 03 17:56:56 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.219	152	40837	20.000	ng	0.00
21) Naphthalene-d8	11.045	136	168287	20.000	ng	# 0.00
39) Acenaphthene-d10	14.840	164	131387	20.000	ng	0.00
64) Phenanthrene-d10	17.578	188	331372	20.000	ng	0.00
76) Chrysene-d12	21.856	240	381389	20.000	ng	0.00
86) Perylene-d12	25.199	264	401350	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.745	112	22421	9.216	ng	0.00
7) Phenol-d6	7.349	99	30003	8.987	ng	0.00
23) Nitrobenzene-d5	9.382	82	20097	7.173	ng	0.00
42) 2,4,6-Tribromophenol	16.315	330	14514	7.654	ng	0.00
45) 2-Fluorobiphenyl	13.471	172	86089	9.932	ng	0.00
79) Terphenyl-d14	20.169	244	204719	10.130	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.589	88	5823	5.406	ng	95
3) Pyridine	4.000	79	16637	5.143	ng	89
6) Aniline	7.525	93	22494	4.952	ng	98
8) 2-Chlorophenol	7.778	128	10732	4.214	ng	96
10) Phenol	7.373	94	16995	4.603	ng	96
11) bis(2-Chloroethyl)ether	7.619	93	13341	4.915	ng	95
12) 1,3-Dichlorobenzene	8.113	146	14650	4.998	ng	93
13) 1,4-Dichlorobenzene	8.260	146	14610m	4.902	ng	
14) 1,2-Dichlorobenzene	8.583	146	13994	4.868	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.736	45	34925	4.905	ng	97
17) 2-Methylphenol	8.648	107	11259	4.593	ng	97
18) Hexachloroethane	9.329	117	4773	4.564	ng	97
19) n-Nitroso-di-n-propyla...	9.024	70	10596	4.592	ng	92
22) Acetophenone	9.035	105	22505	4.892	ng	# 92
24) Nitrobenzene	9.423	77	11526	3.782	ng	# 95
25) Isophorone	9.946	82	31609	4.701	ng	# 93
26) 2-Nitrophenol	10.140	139	3186	5.664	ng	99
27) 2,4-Dimethylphenol	10.193	122	9925	3.969	ng	92
28) bis(2-Chloroethoxy)met...	10.434	93	18999	4.963	ng	95
29) 2,4-Dichlorophenol	10.680	162	10223	3.798	ng	89
30) 1,2,4-Trichlorobenzene	10.904	180	14238	4.656	ng	97
31) Naphthalene	11.098	128	45559	4.883	ng	98
33) 4-Chloroaniline	11.186	127	16429	4.530	ng	93
34) Hexachlorobutadiene	11.391	225	11212	4.688	ng	95
36) 4-Chloro-3-methylphenol	12.290	107	13604	4.205	ng	94
37) 2-Methylnaphthalene	12.690	142	32129	4.690	ng	97
38) 1-Methylnaphthalene	12.901	142	33565m	4.951	ng	
40) 1,2,4,5-Tetrachloroben...	13.048	216	21576	4.893	ng	99
43) 2,4,6-Trichlorophenol	13.277	196	9650	3.826	ng	93
44) 2,4,5-Trichlorophenol	13.342	196	11151	3.831	ng	# 91
46) 1,1'-Biphenyl	13.683	154	47840	5.122	ng	95
47) 2-Chloronaphthalene	13.724	162	34977	4.961	ng	96
48) 2-Nitroaniline	13.906	65	6601	5.826	ng	87
49) Acenaphthylene	14.564	152	54748	4.923	ng	98
50) Dimethylphthalate	14.282	163	45639	4.540	ng	98
51) 2,6-Dinitrotoluene	14.394	165	4161	5.535	ng	# 91

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064570.D
 Acq On : 24 Oct 2025 9:41
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/27/2025
 Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 03 17:58:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 17:56:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.905	154	36982	4.867	ng	96
53) 3-Nitroaniline	14.717	138	5903	3.417	ng #	96
55) Dibenzofuran	15.234	168	61779	5.029	ng	97
57) 2,4-Dinitrotoluene	15.175	165	7312	5.721	ng #	80
58) Fluorene	15.880	166	48305	5.035	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.451	232	10241	3.679	ng #	95
60) Diethylphthalate	15.639	149	46534	4.533	ng	98
61) 4-Chlorophenyl-phenyle...	15.874	204	26270	4.880	ng	97
62) 4-Nitroaniline	15.869	138	6383	3.321	ng	90
63) Azobenzene	16.162	77	44729	4.749	ng	98
66) n-Nitrosodiphenylamine	16.080	169	42291	4.725	ng	98
67) 4-Bromophenyl-phenylether	16.762	248	18064	4.600	ng	95
68) Hexachlorobenzene	16.885	284	21076	4.705	ng	95
69) Atrazine	17.014	200	17783	4.616	ng	94
71) Phenanthrene	17.619	178	89771	4.954	ng	99
72) Anthracene	17.713	178	90063	4.886	ng	99
73) Carbazole	17.966	167	81350	5.005	ng	98
74) Di-n-butylphthalate	18.530	149	83713	4.454	ng	99
75) Fluoranthene	19.617	202	114724	5.054	ng	98
78) Pyrene	19.975	202	122676	4.923	ng	98
80) Butylbenzylphthalate	20.857	149	27072	3.595	ng	94
81) Benzo(a)anthracene	21.832	228	123345	4.878	ng	98
83) Chrysene	21.903	228	119080	4.949	ng	97
84) Bis(2-ethylhexyl)phtha...	21.750	149	46117	4.098	ng	98
87) Indeno(1,2,3-cd)pyrene	29.030	276	138758	4.700	ng #	88
88) Benzo(b)fluoranthene	24.129	252	114203	4.640	ng	98
89) Benzo(k)fluoranthene	24.200	252	117893	4.787	ng	99
90) Benzo(a)pyrene	25.040	252	106414	4.704	ng	99
91) Dibenzo(a,h)anthracene	29.100	278	112398	4.686	ng	96
92) Benzo(g,h,i)perylene	30.216	276	108407	4.731	ng	97

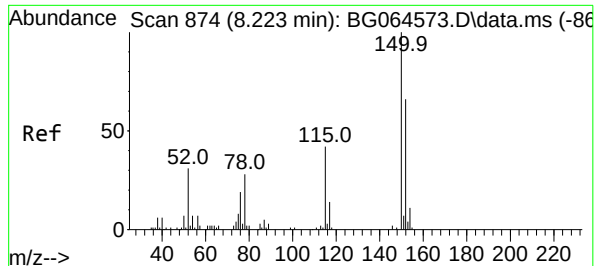
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

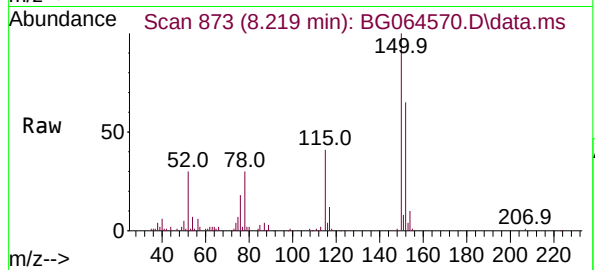
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.219 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

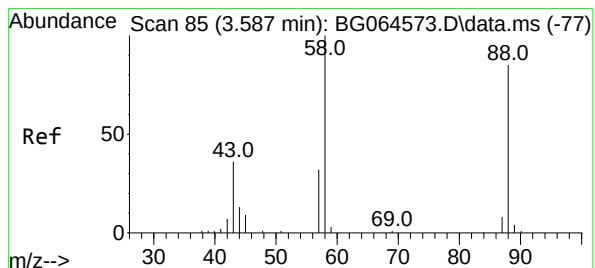
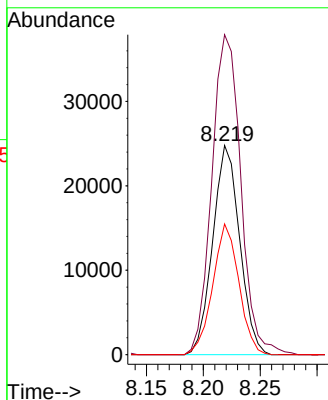
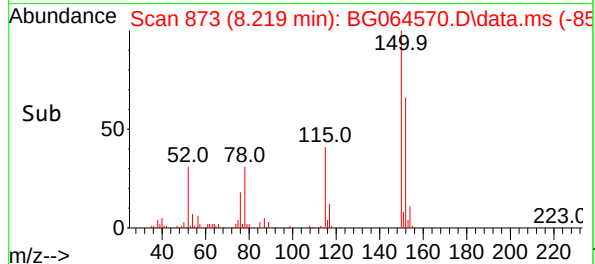
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:152 Resp: 4083
Ion Ratio Lower Upper
152 100
150 153.0 122.2 183.4
115 62.5 50.8 76.2

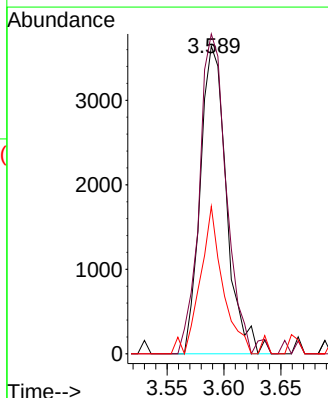
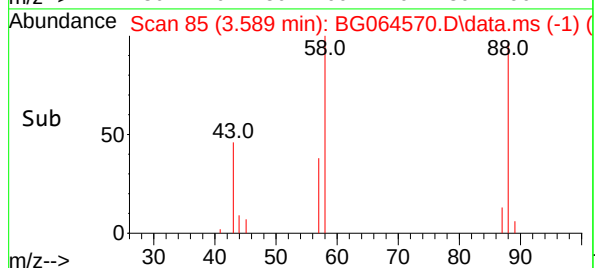
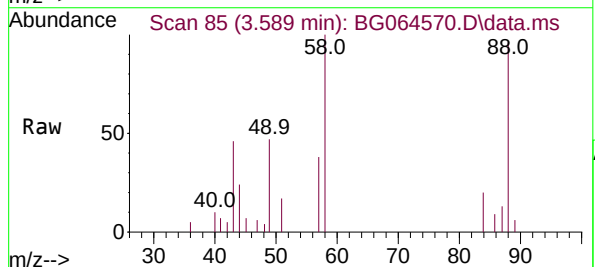
Manual Integrations
APPROVED

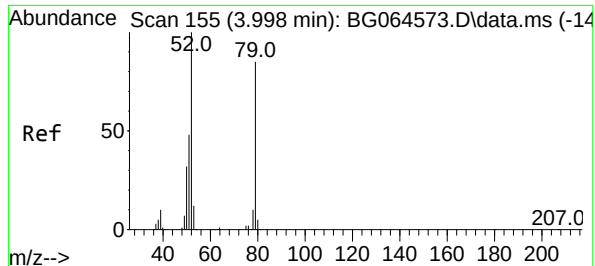
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#2
1,4-Dioxane
Concen: 5.406 ng
RT: 3.589 min Scan# 85
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

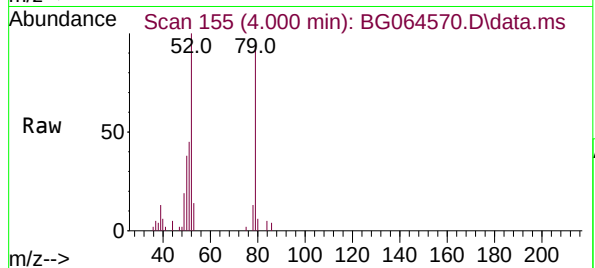
Tgt Ion: 88 Resp: 5823
Ion Ratio Lower Upper
88 100
58 108.0 92.4 138.6
43 41.6 33.0 49.6





#3
Pyridine
Concen: 5.143 ng
RT: 4.000 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

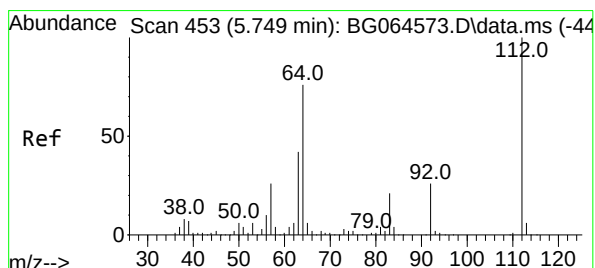
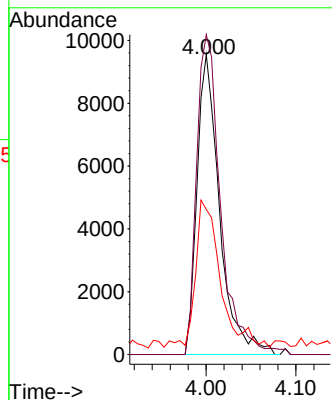
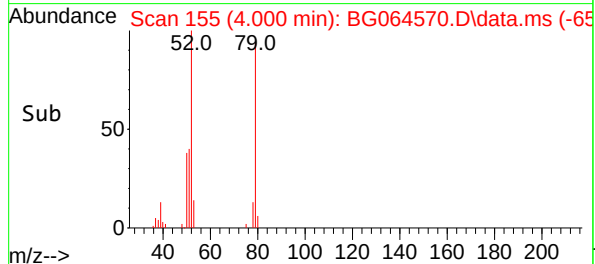
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion: 79 Resp: 1663
Ion Ratio Lower Upper
79 100
52 106.6 94.2 141.2
51 48.4 46.1 69.1

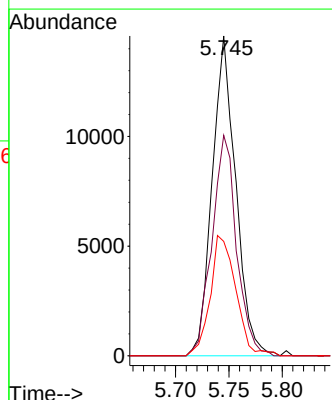
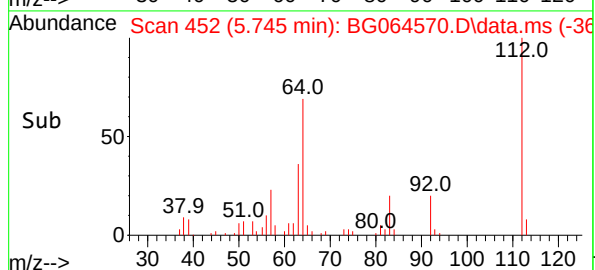
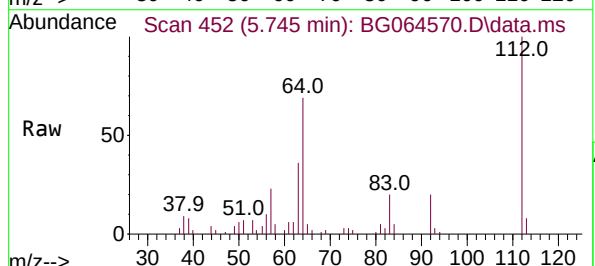
Manual Integrations
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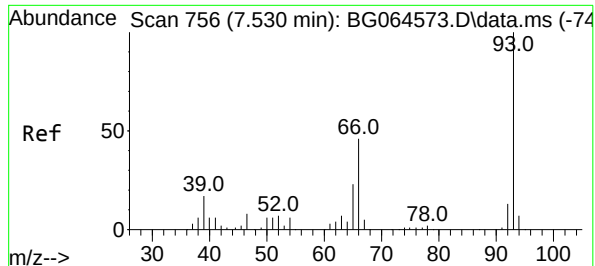
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#5
2-Fluorophenol
Concen: 9.216 ng
RT: 5.745 min Scan# 452
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:112 Resp: 22421
Ion Ratio Lower Upper
112 100
64 68.9 60.7 91.1
63 35.8 33.4 50.0





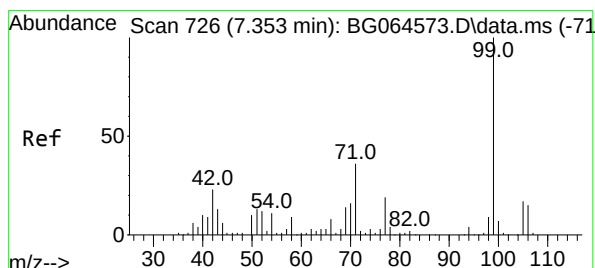
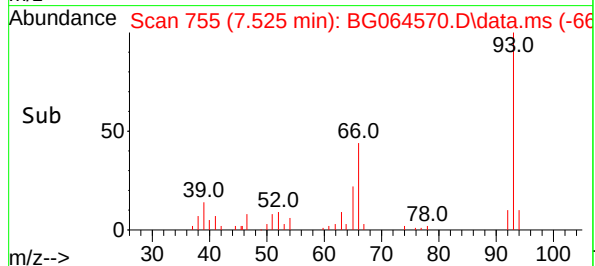
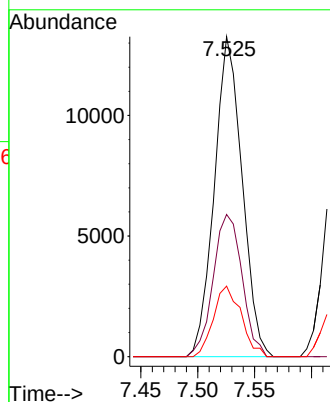
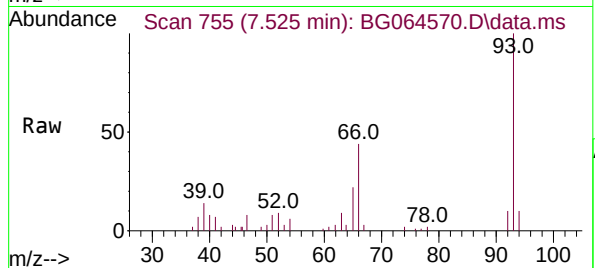
#6
Aniline
Concen: 4.952 ng
RT: 7.525 min Scan# 71
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 22494
Ion Ratio Lower Upper
93 100
66 44.4 37.0 55.6
65 22.0 18.3 27.5

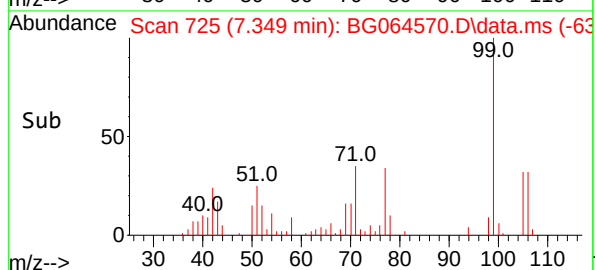
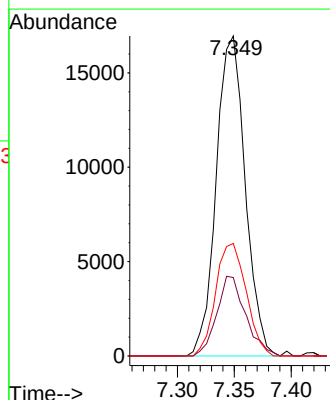
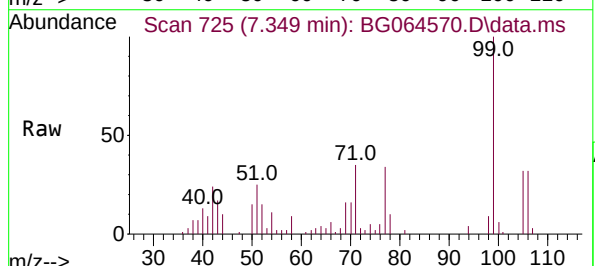
Manual Integrations
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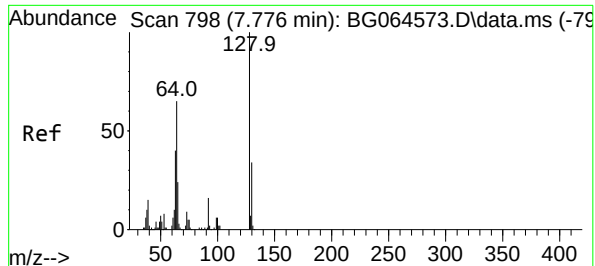
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#7
Phenol-d6
Concen: 8.987 ng
RT: 7.349 min Scan# 725
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

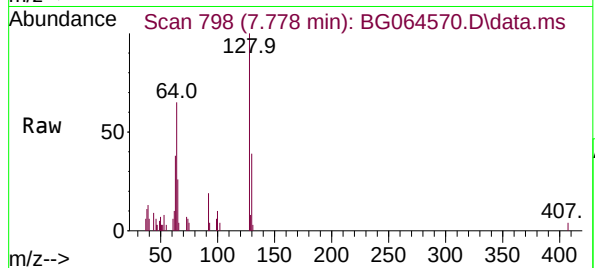
Tgt Ion: 99 Resp: 30003
Ion Ratio Lower Upper
99 100
42 24.5 18.3 27.5
71 35.1 28.6 43.0





#8
2-Chlorophenol
Concen: 4.214 ng
RT: 7.778 min Scan# 798
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

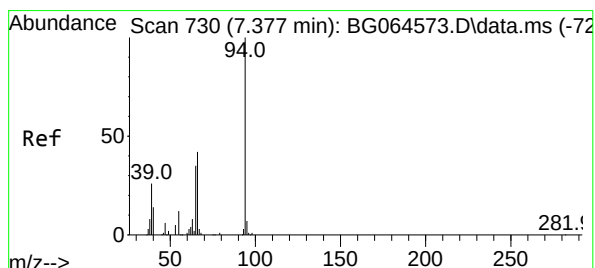
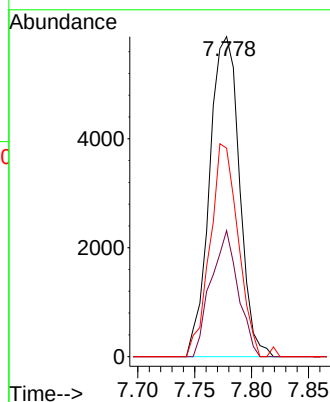
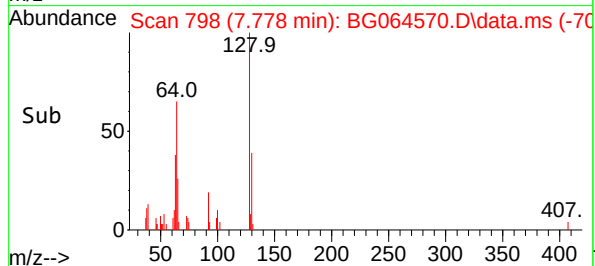
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



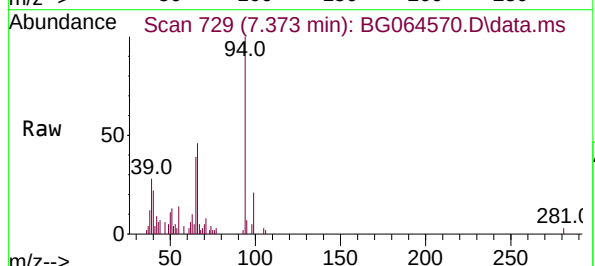
Tgt Ion: 128 Resp: 10732
Ion Ratio Lower Upper
128 100
130 39.4 13.5 53.5
64 65.2 45.2 85.2

Manual Integrations
APPROVED

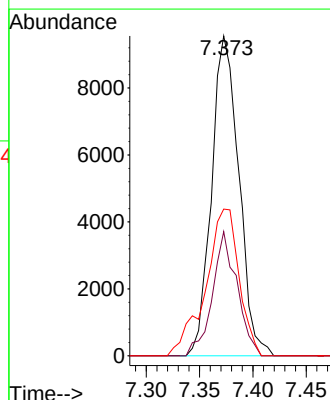
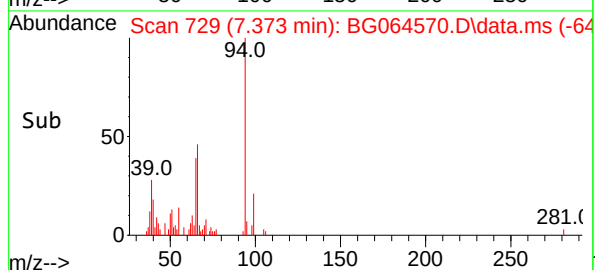
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

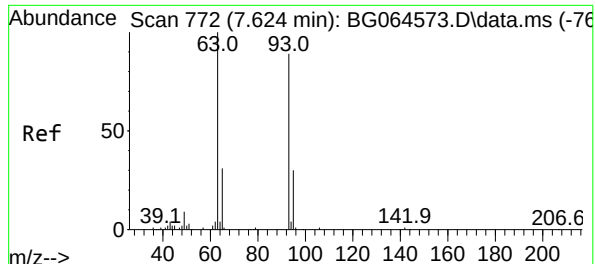


#10
Phenol
Concen: 4.603 ng
RT: 7.373 min Scan# 729
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41



Tgt Ion: 94 Resp: 16995
Ion Ratio Lower Upper
94 100
65 38.8 15.8 55.8
66 45.9 24.0 64.0





#11

bis(2-Chloroethyl)ether

Concen: 4.915 ng

RT: 7.619 min Scan# 771

Delta R.T. -0.004 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Tgt Ion: 93 Resp: 1334

Ion Ratio Lower Upper

93 100

63 117.0 91.3 131.3

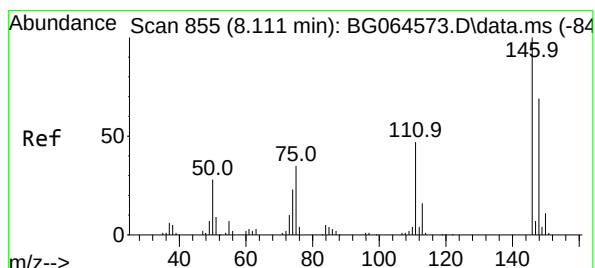
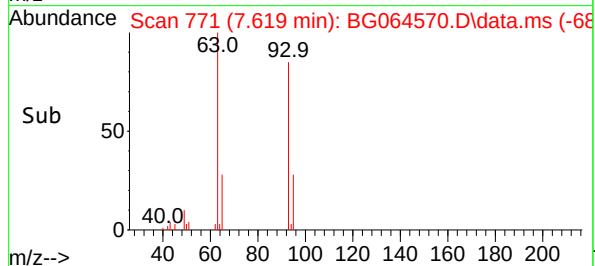
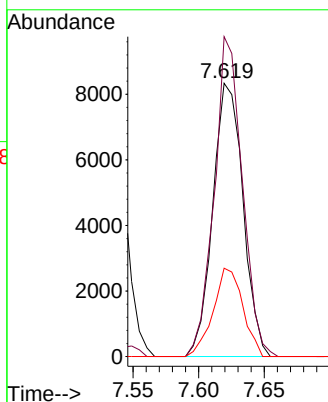
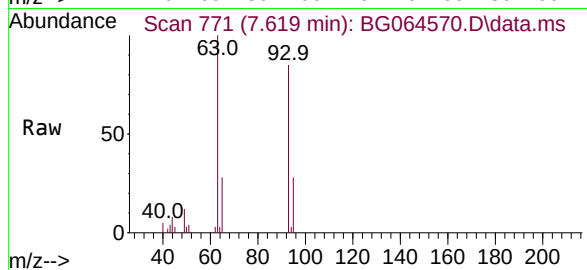
95 32.3 13.3 53.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#12

1,3-Dichlorobenzene

Concen: 4.998 ng

RT: 8.113 min Scan# 855

Delta R.T. 0.002 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

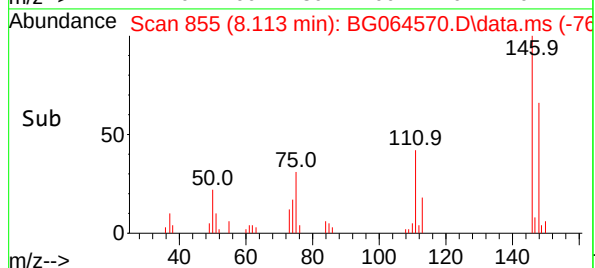
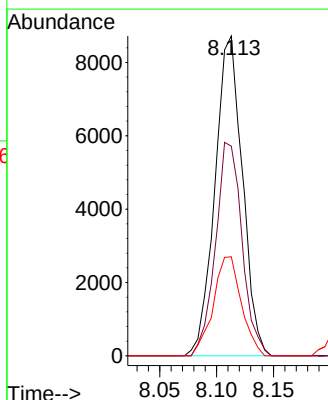
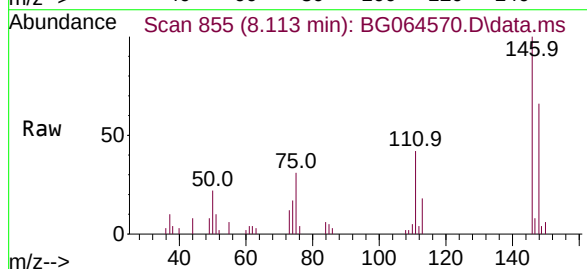
Tgt Ion:146 Resp: 14650

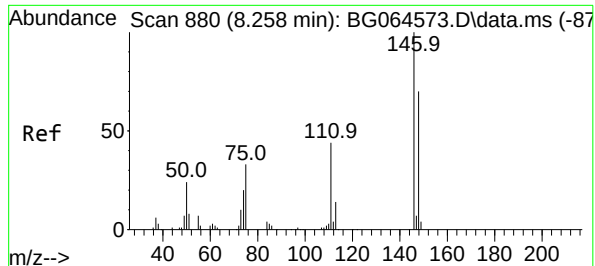
Ion Ratio Lower Upper

146 100

148 64.6 55.3 82.9

75 28.7 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 4.902 ng m

RT: 8.260 min Scan# 880

Delta R.T. 0.002 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Tgt Ion:146 Resp: 14610

Ion Ratio Lower Upper

146 100

148 54.9 56.2 84.4

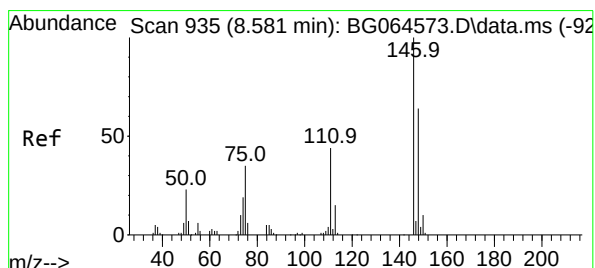
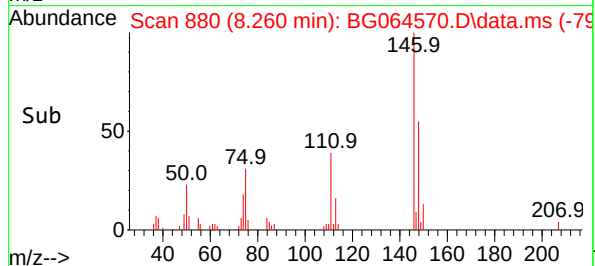
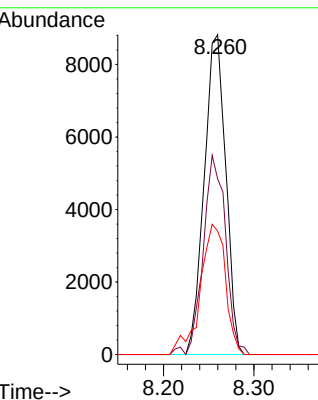
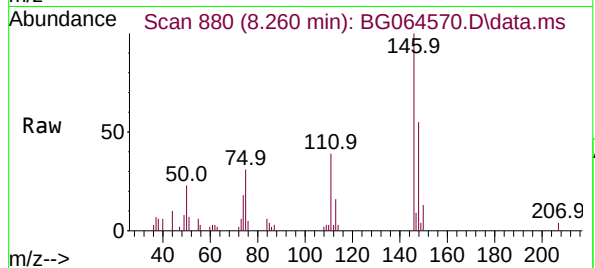
111 38.6 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#14

1,2-Dichlorobenzene

Concen: 4.868 ng

RT: 8.583 min Scan# 935

Delta R.T. 0.002 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

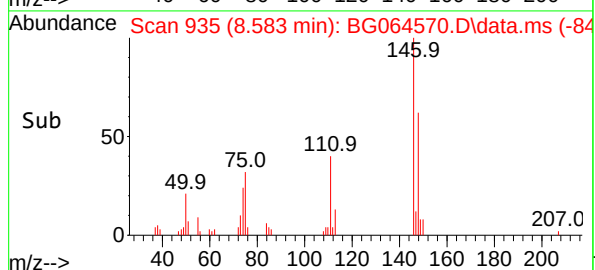
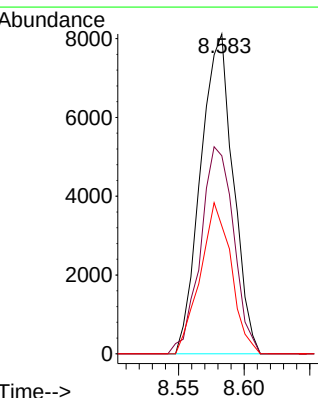
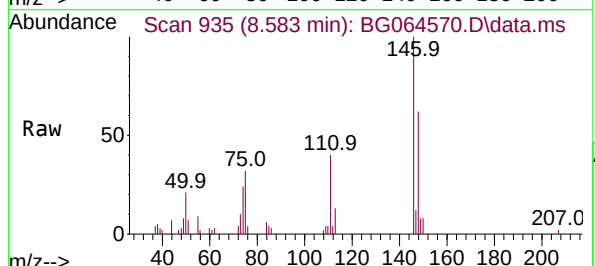
Tgt Ion:146 Resp: 13994

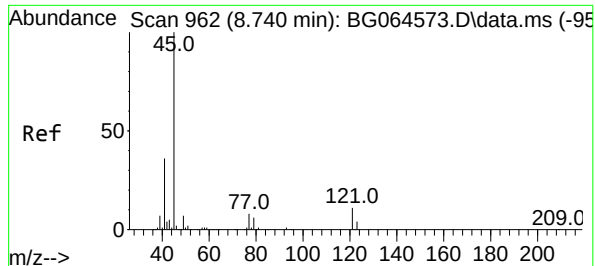
Ion Ratio Lower Upper

146 100

148 61.9 51.5 77.3

111 40.0 35.0 52.6





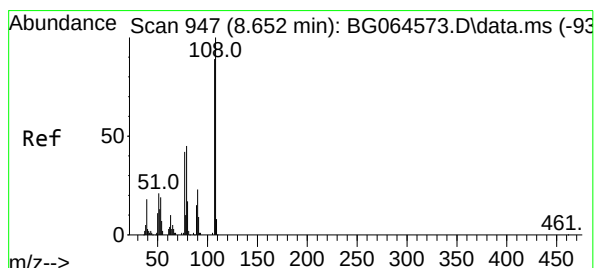
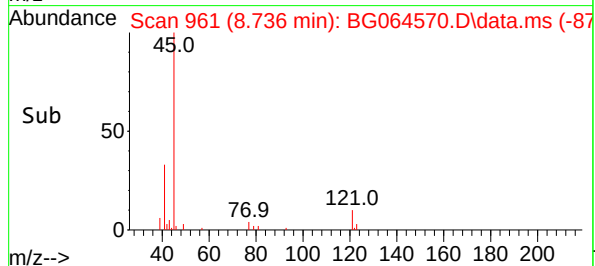
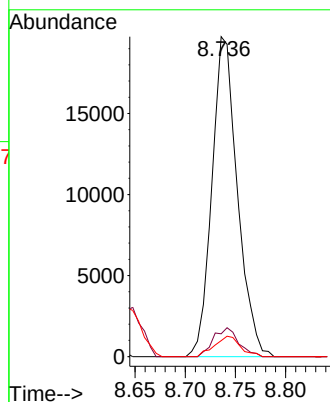
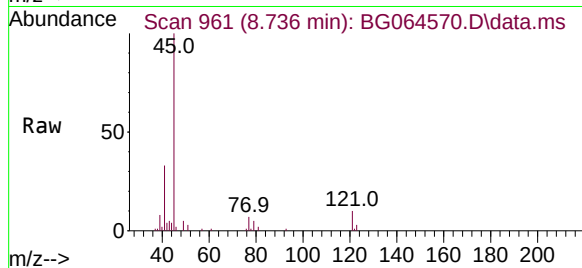
#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.905 ng
RT: 8.736 min Scan# 945
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion: 45 Resp: 34925
Ion Ratio Lower Upper
45 100
77 7.1 0.0 28.5
79 5.0 0.0 25.6

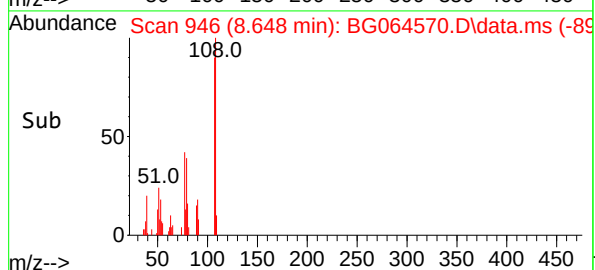
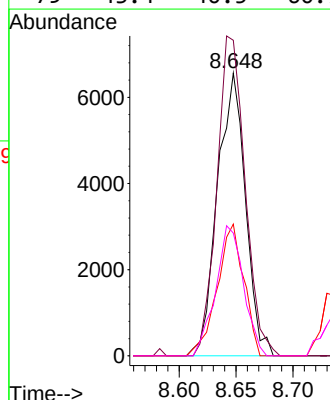
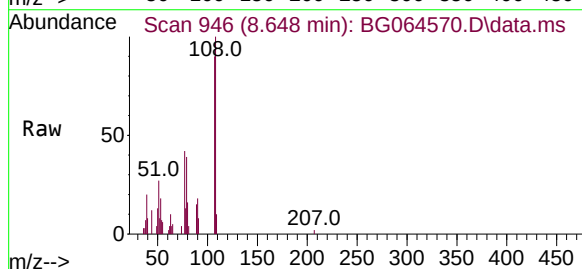
Manual Integrations
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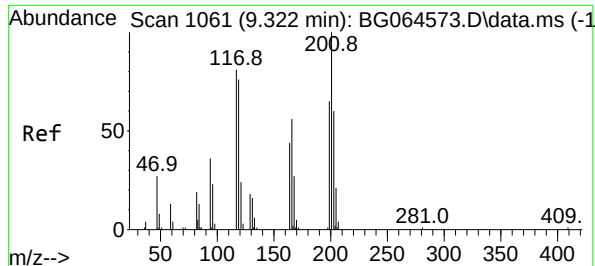
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#17
2-Methylphenol
Concen: 4.593 ng
RT: 8.648 min Scan# 946
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:107 Resp: 11259
Ion Ratio Lower Upper
107 100
108 111.6 90.0 135.0
77 46.6 37.8 56.8
79 43.4 40.5 60.7





#18

Hexachloroethane

Concen: 4.564 ng

RT: 9.329 min Scan# 1061

Delta R.T. 0.008 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Tgt Ion:117 Resp: 4773

Ion Ratio Lower Upper

117 100

119 88.0 75.4 113.2

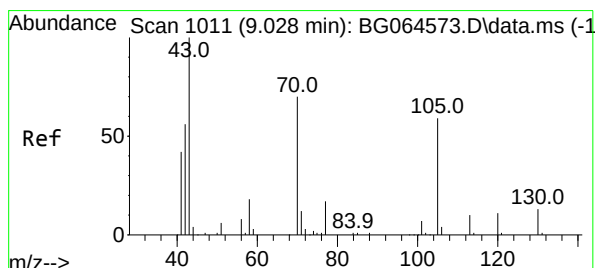
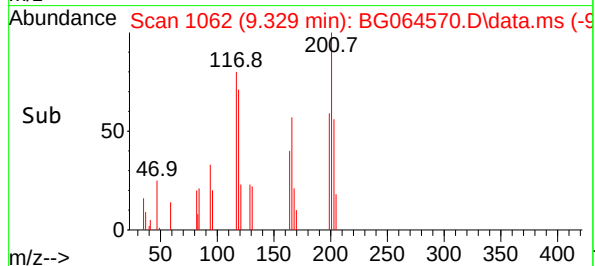
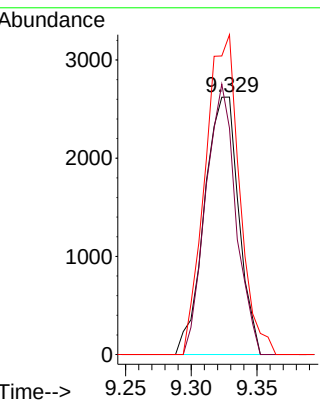
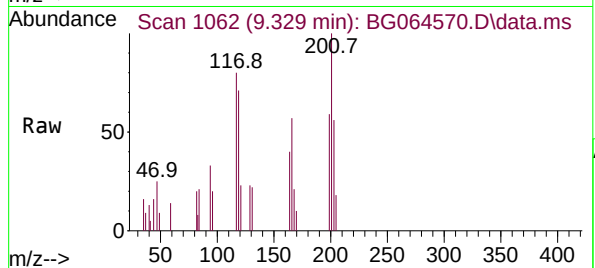
201 124.2 99.2 148.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#19

n-Nitroso-di-n-propylamine

Concen: 4.592 ng

RT: 9.024 min Scan# 1010

Delta R.T. -0.004 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Tgt Ion: 70 Resp: 10596

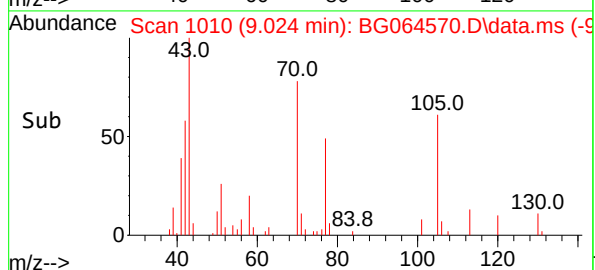
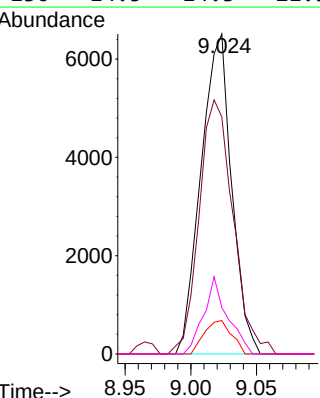
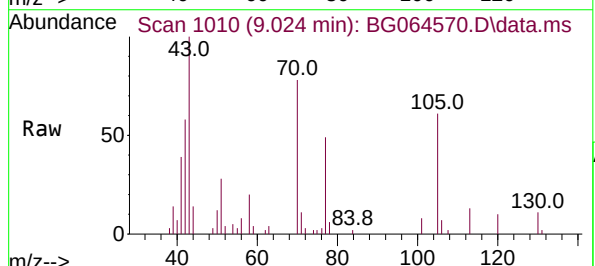
Ion Ratio Lower Upper

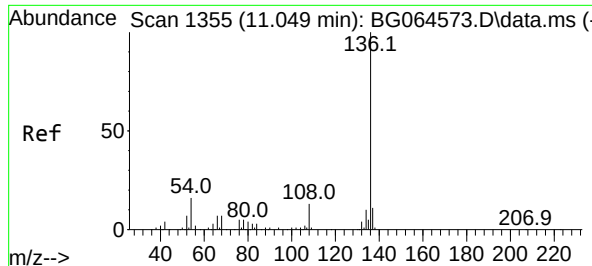
70 100

42 74.1 65.2 97.8

101 10.4 7.9 11.9

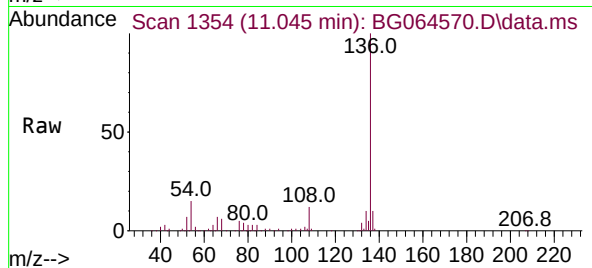
130 14.5 14.3 21.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.045 min Scan# 1355
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

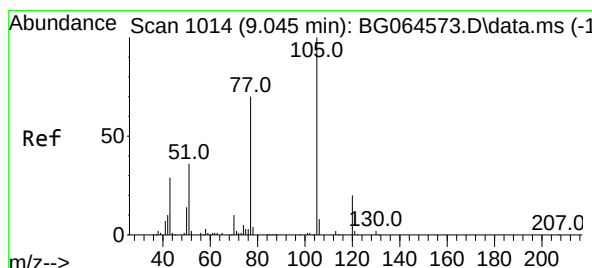
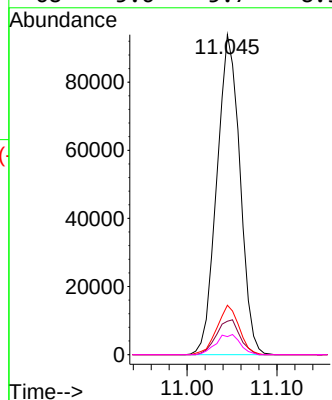
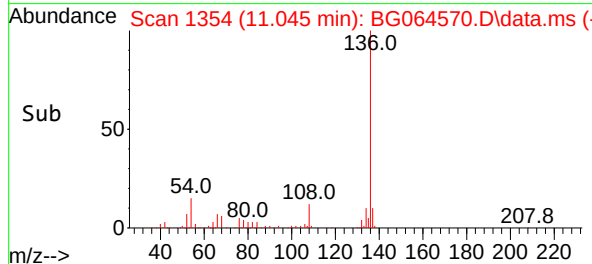
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:136 Resp: 168287
Ion Ratio Lower Upper
136 100
137 10.4 9.2 13.8
54 15.4 12.6 19.0
68 5.6 5.7 8.5#

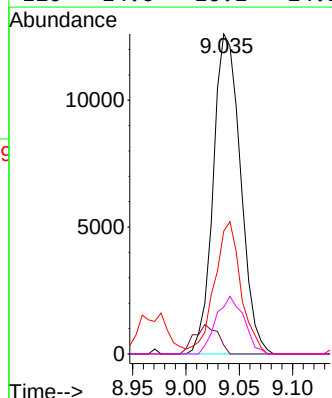
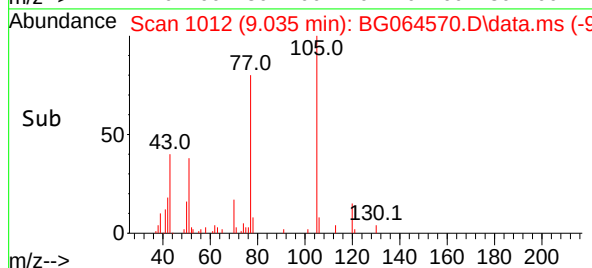
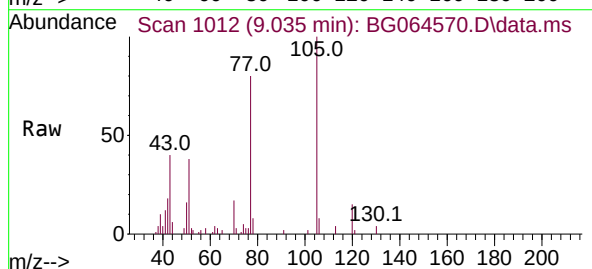
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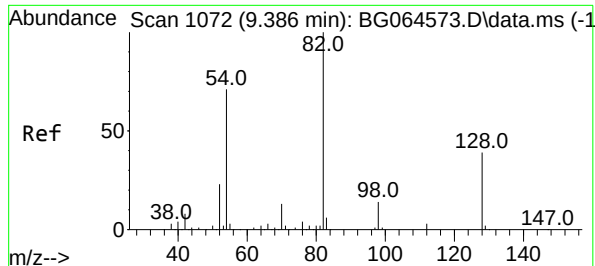
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#22
Acetophenone
Concen: 4.892 ng
RT: 9.035 min Scan# 1012
Delta R.T. -0.010 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:105 Resp: 22505
Ion Ratio Lower Upper
105 100
71 2.8 1.5 2.3#
51 38.4 33.7 50.5
120 14.6 16.1 24.1#





#23

Nitrobenzene-d5

Concen: 7.173 ng

RT: 9.382 min Scan# 1072

Delta R.T. -0.004 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Instrument :

BNA_G

ClientSampleId :

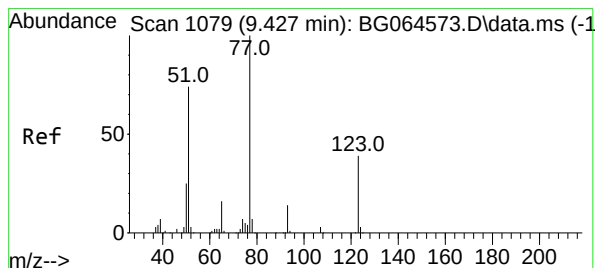
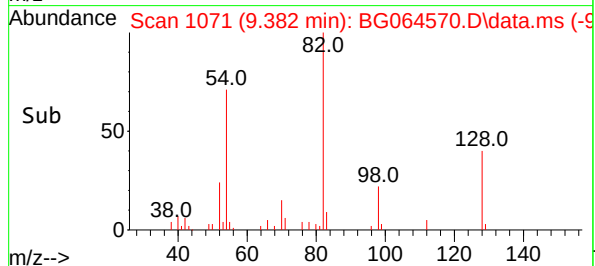
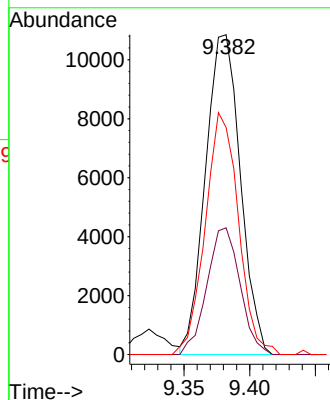
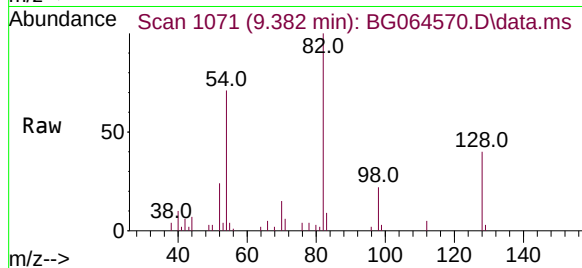
SSTDICC005

Tgt Ion:	82	Resp:	2009
Ion Ratio	Lower	Upper	
82	100		
128	39.6	31.3	46.9
54	71.0	56.6	84.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#24

Nitrobenzene

Concen: 3.782 ng

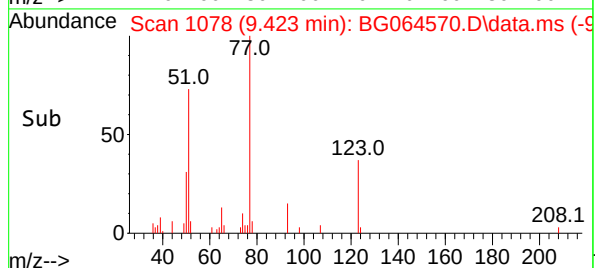
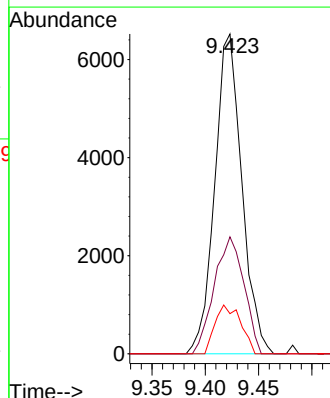
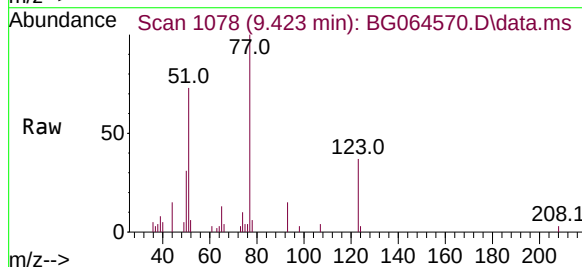
RT: 9.423 min Scan# 1078

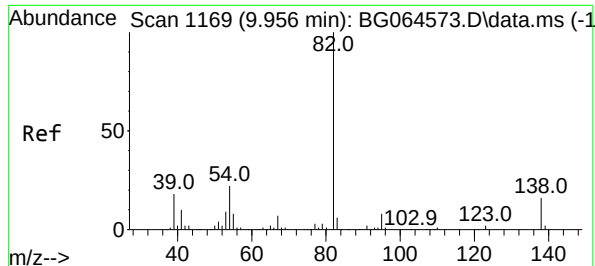
Delta R.T. -0.004 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Tgt Ion:	77	Resp:	11526
Ion Ratio	Lower	Upper	
77	100		
123	36.6	31.0	46.6
65	12.6	12.7	19.1





#25

Isophorone

Concen: 4.701 ng

RT: 9.946 min Scan# 1169

Delta R.T. -0.010 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

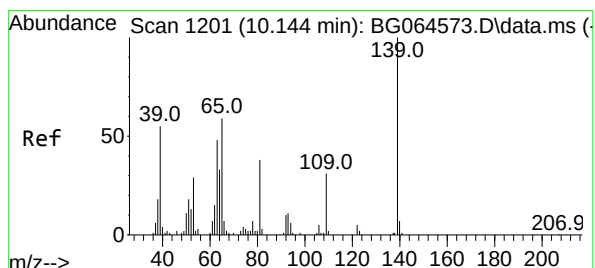
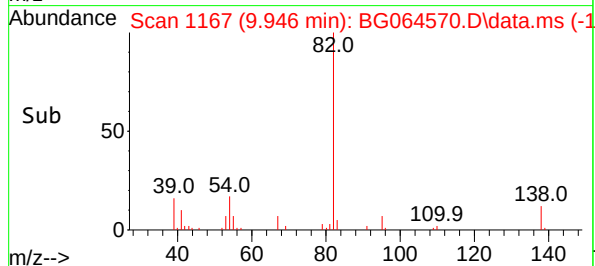
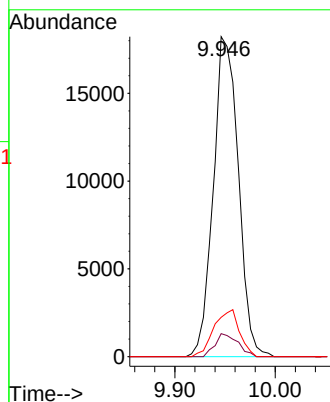
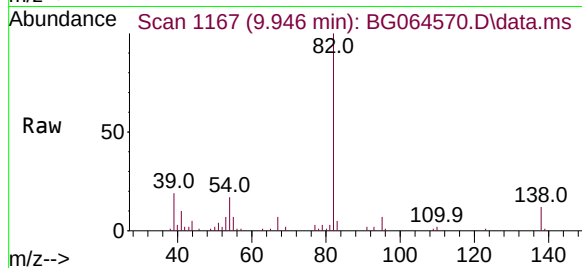
Tgt Ion:	82	Resp:	31609
Ion Ratio	Lower	Upper	
82	100		
95	7.2	6.1	9.1
138	12.3	13.0	19.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#26

2-Nitrophenol

Concen: 5.664 ng

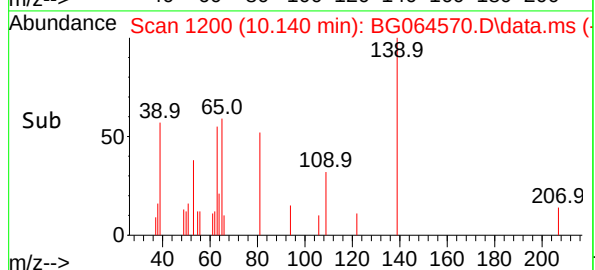
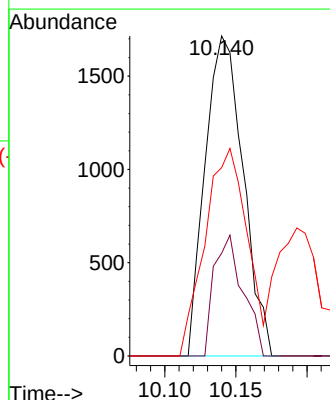
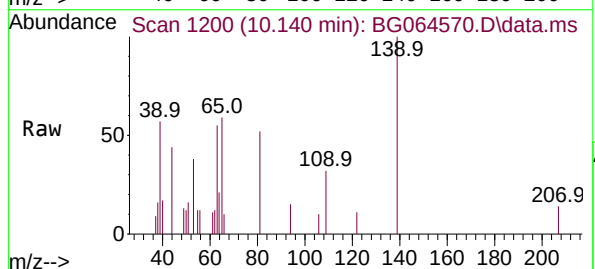
RT: 10.140 min Scan# 1200

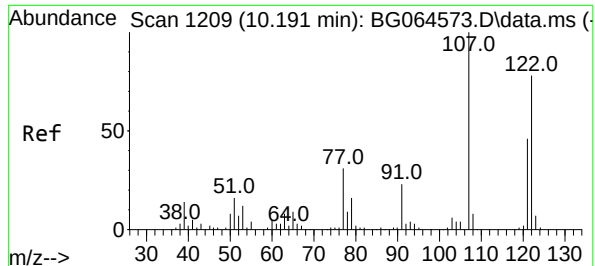
Delta R.T. -0.004 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

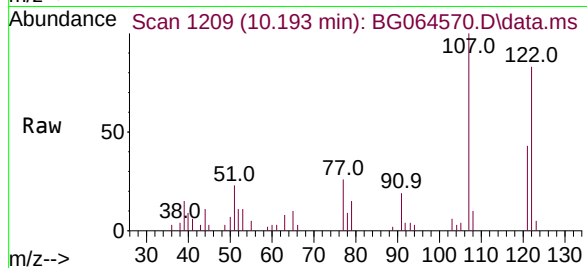
Tgt Ion:	139	Resp:	3186
Ion Ratio	Lower	Upper	
139	100		
109	32.1	24.6	37.0
65	58.9	47.5	71.3





#27
2,4-Dimethylphenol
Concen: 3.969 ng
RT: 10.193 min Scan# 1209
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

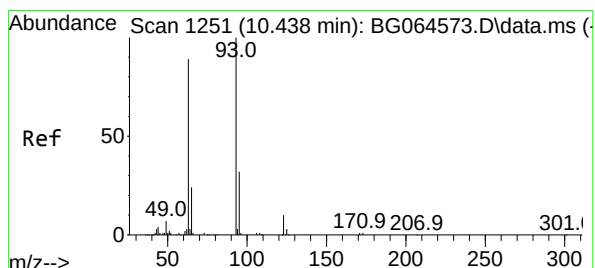
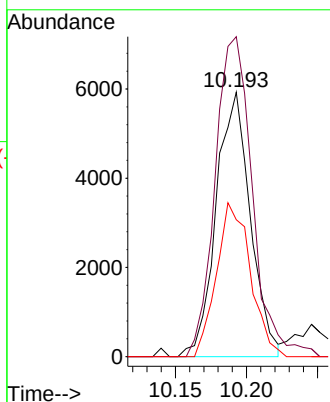
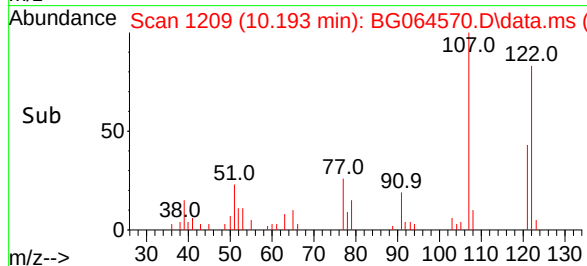
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:122 Resp: 9925
Ion Ratio Lower Upper
122 100
107 121.0 103.0 154.4
121 51.7 47.8 71.8

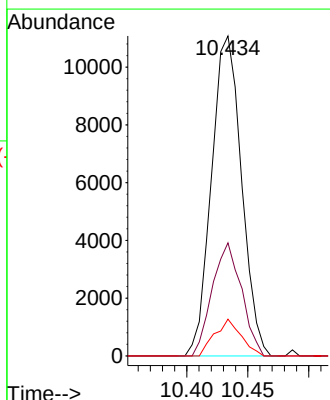
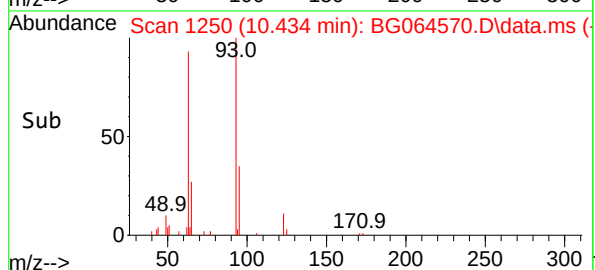
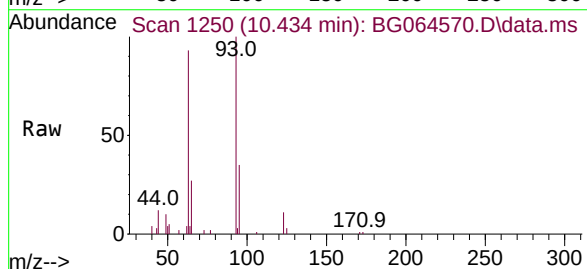
Manual Integrations
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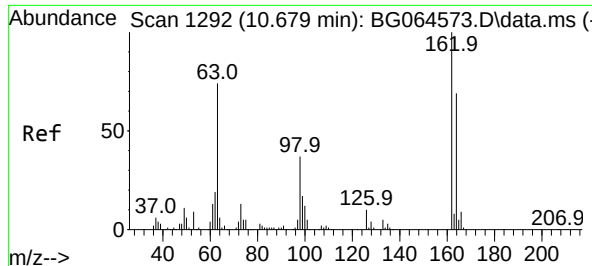
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#28
bis(2-Chloroethoxy)methane
Concen: 4.963 ng
RT: 10.434 min Scan# 1250
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion: 93 Resp: 18999
Ion Ratio Lower Upper
93 100
95 35.3 25.4 38.2
123 11.5 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 3.798 ng

RT: 10.680 min Scan# 1292

Delta R.T. 0.002 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Tgt Ion:162 Resp: 10223

Ion Ratio Lower Upper

162 100

164 79.1 48.7 88.7

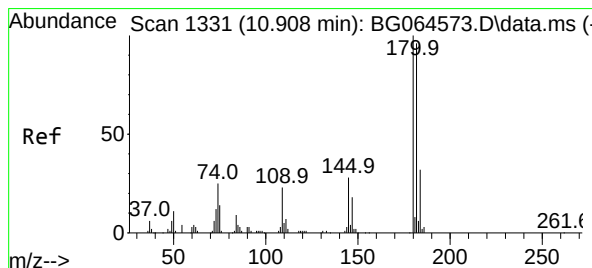
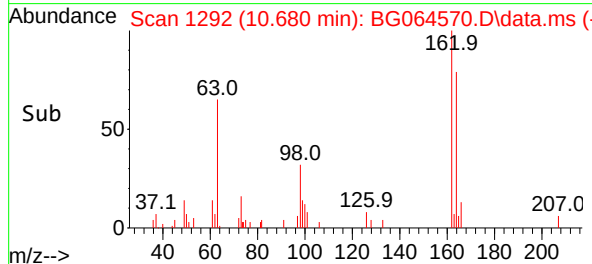
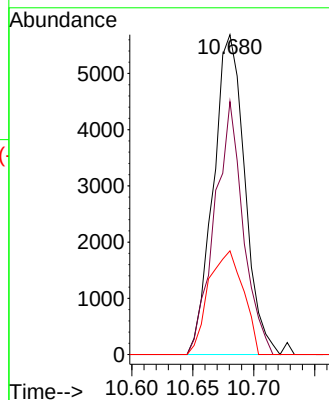
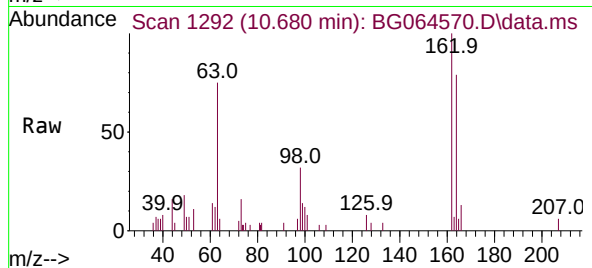
98 32.4 16.9 56.9

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#30

1,2,4-Trichlorobenzene

Concen: 4.656 ng

RT: 10.904 min Scan# 1330

Delta R.T. -0.004 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

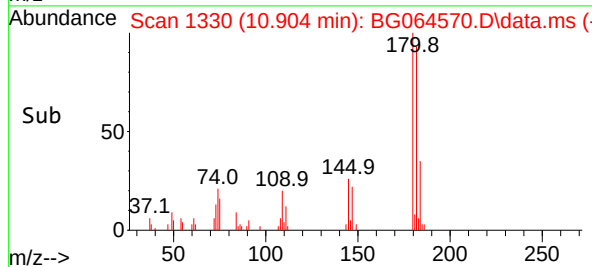
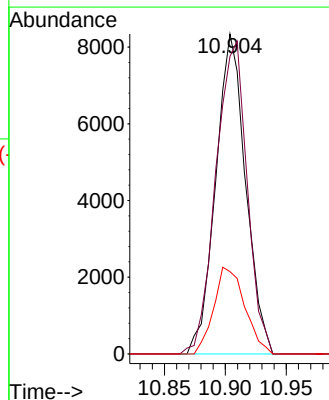
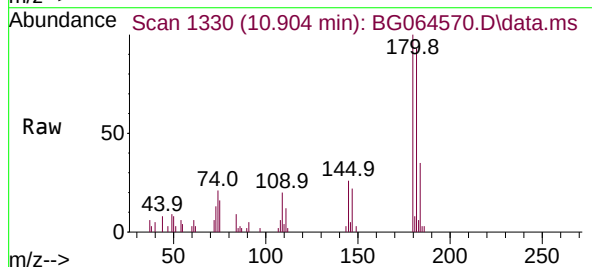
Tgt Ion:180 Resp: 14238

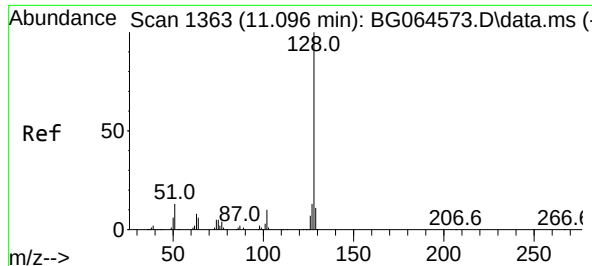
Ion Ratio Lower Upper

180 100

182 92.9 76.9 115.3

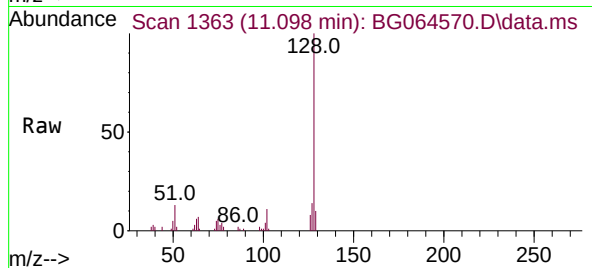
145 25.7 22.1 33.1





#31
Naphthalene
Concen: 4.883 ng
RT: 11.098 min Scan# 1363
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

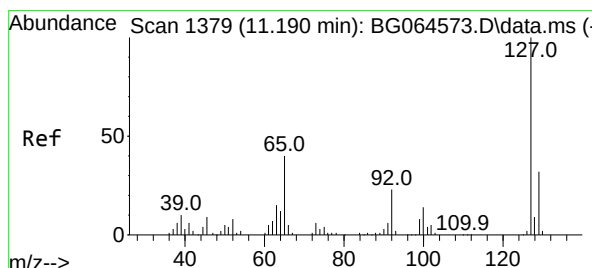
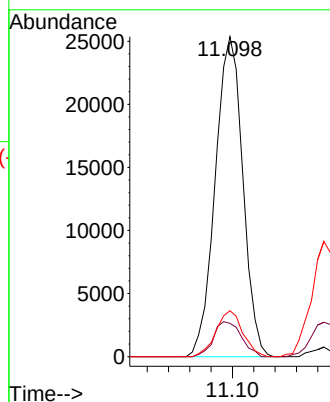
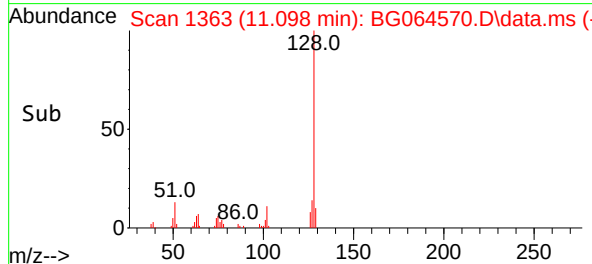
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:128 Resp: 45559
Ion Ratio Lower Upper
128 100
129 10.4 8.8 13.2
127 14.3 10.6 15.8

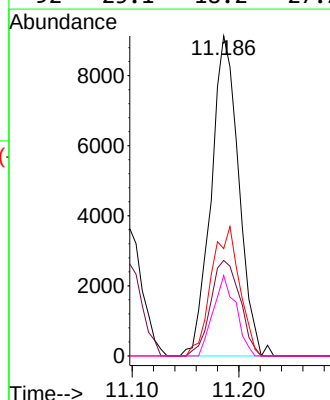
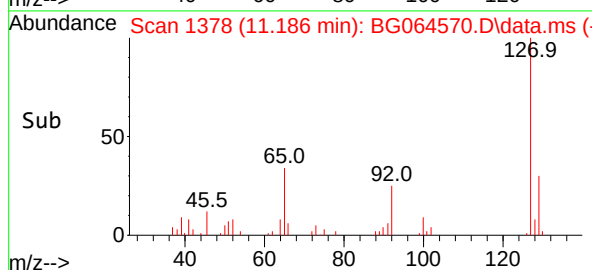
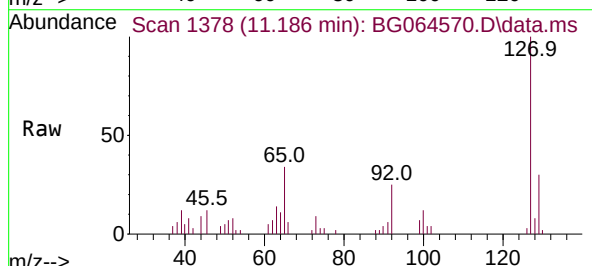
Manual Integrations
APPROVED

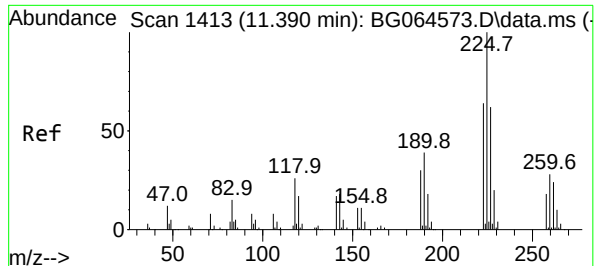
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#33
4-Chloroaniline
Concen: 4.530 ng
RT: 11.186 min Scan# 1378
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:127 Resp: 16429
Ion Ratio Lower Upper
127 100
129 29.8 25.5 38.3
65 33.5 32.2 48.4
92 25.1 18.2 27.2





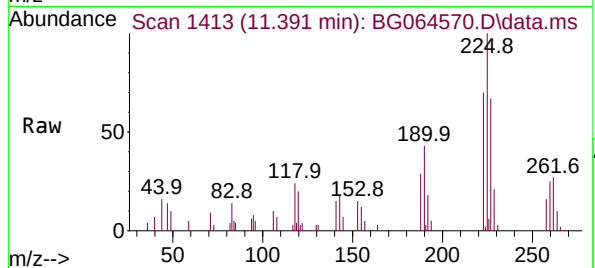
#34
Hexachlorobutadiene
Concen: 4.688 ng
RT: 11.391 min Scan# 1413
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

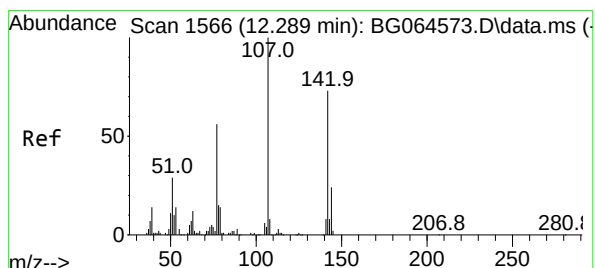
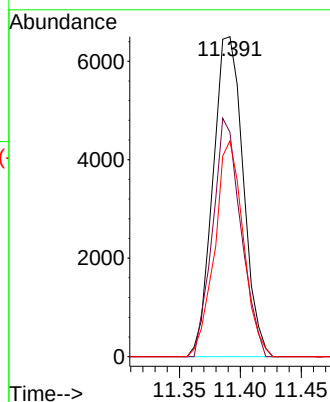
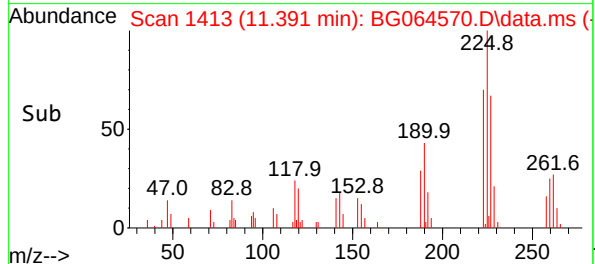


Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.4	48.8	73.2
227	63.9	49.5	74.3

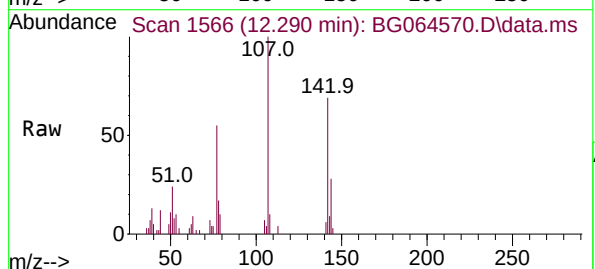
Manual Integrations

APPROVED

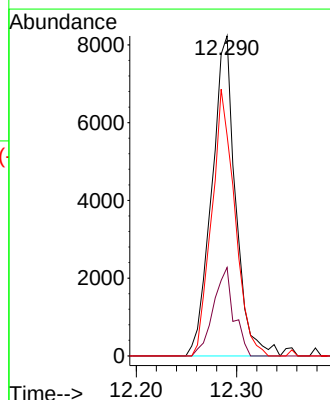
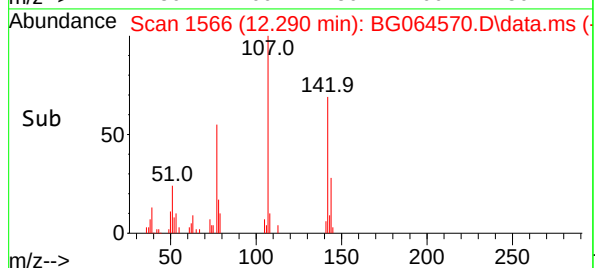
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

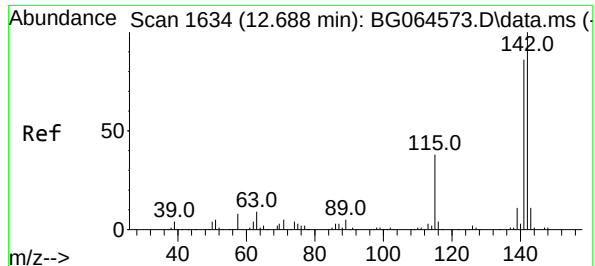


#36
4-Chloro-3-methylphenol
Concen: 4.205 ng
RT: 12.290 min Scan# 1566
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41



Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.6	19.1	28.7
142	68.9	58.6	87.8





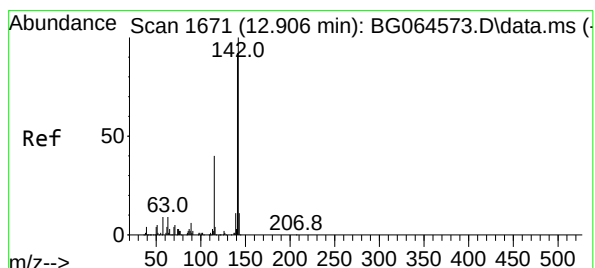
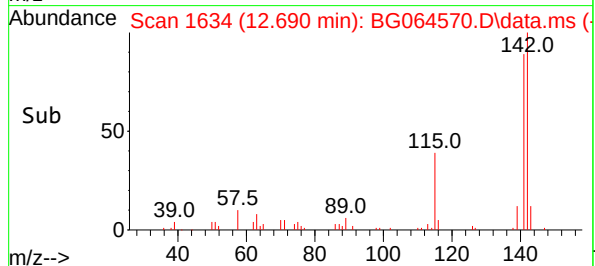
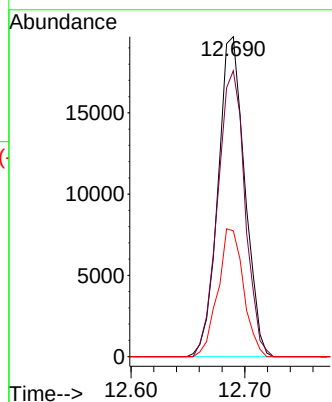
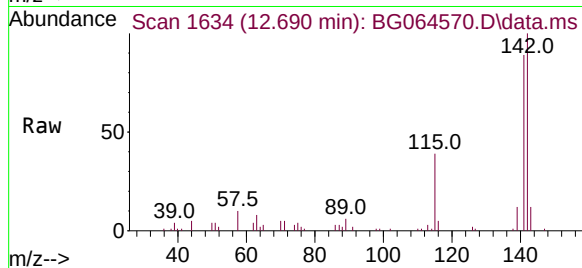
#37
2-Methylnaphthalene
Concen: 4.690 ng
RT: 12.690 min Scan# 1634
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 32129
Ion Ratio Lower Upper
142 100
141 89.3 68.9 103.3
115 39.3 30.6 46.0

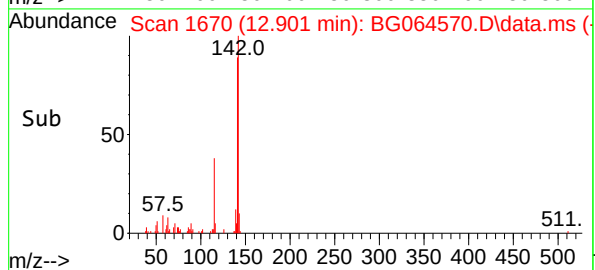
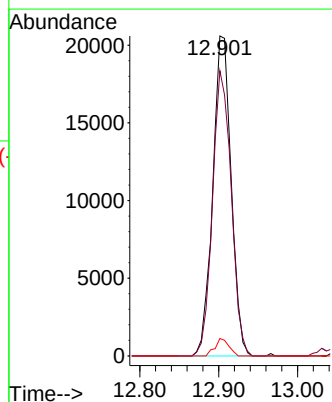
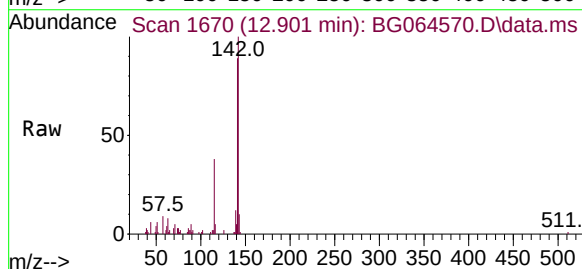
Manual Integrations
APPROVED

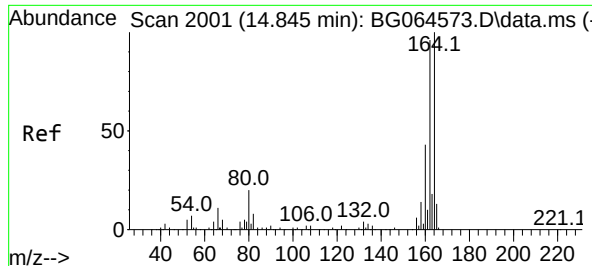
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#38
1-Methylnaphthalene
Concen: 4.951 ng m
RT: 12.901 min Scan# 1670
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

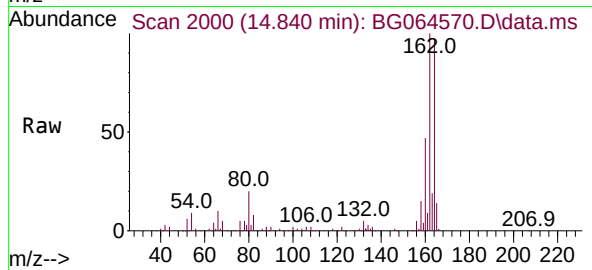
Tgt Ion:142 Resp: 33565
Ion Ratio Lower Upper
142 100
141 89.1 73.3 109.9
116 5.4 3.1 4.7#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.840 min Scan# 2001
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

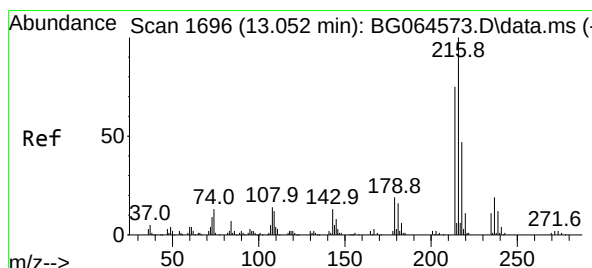
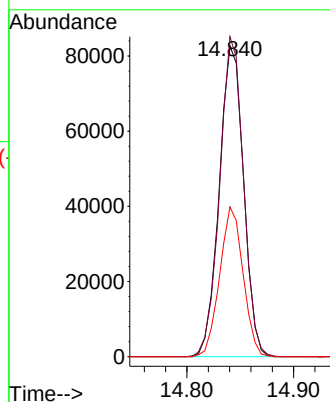
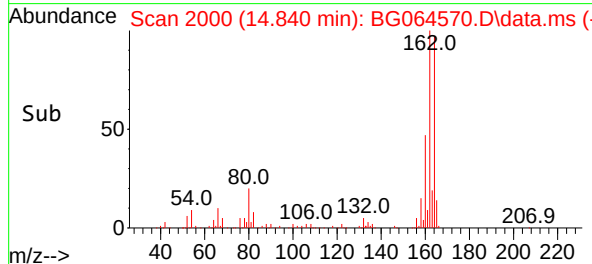
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:164 Resp: 13138
Ion Ratio Lower Upper
164 100
162 103.0 77.0 115.6
160 48.2 34.4 51.6

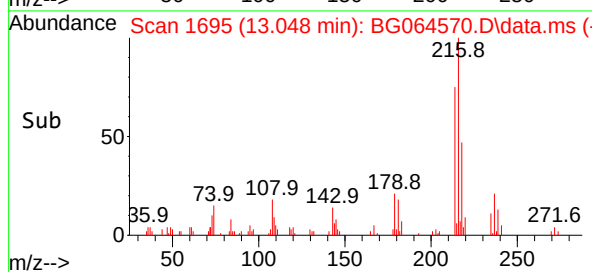
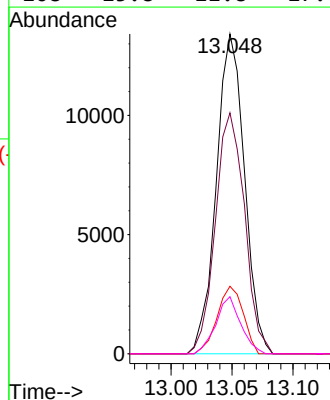
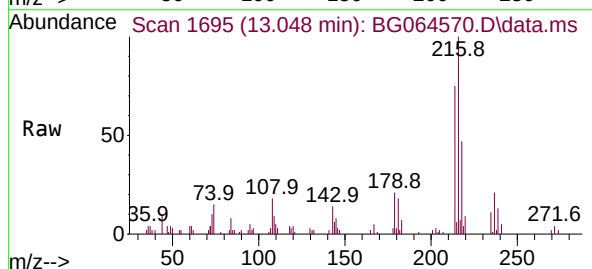
Manual Integrations
APPROVED

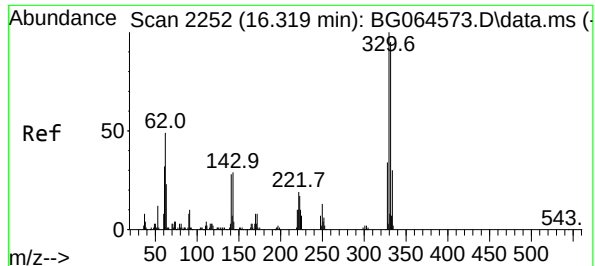
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.893 ng
RT: 13.048 min Scan# 1695
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:216 Resp: 21576
Ion Ratio Lower Upper
216 100
214 78.0 61.4 92.2
179 19.5 15.4 23.0
108 15.8 11.8 17.6





#42

2,4,6-Tribromophenol

Concen: 7.654 ng

RT: 16.315 min Scan# 2252

Delta R.T. -0.004 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Tgt Ion:330 Resp: 14514

Ion Ratio Lower Upper

330 100

332 95.3 78.0 117.0

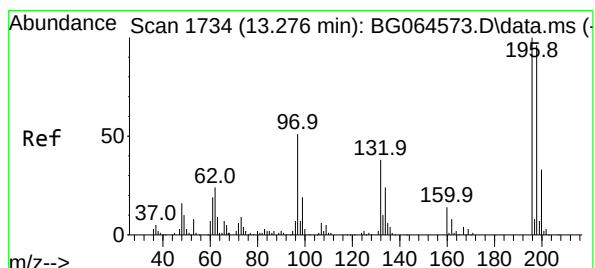
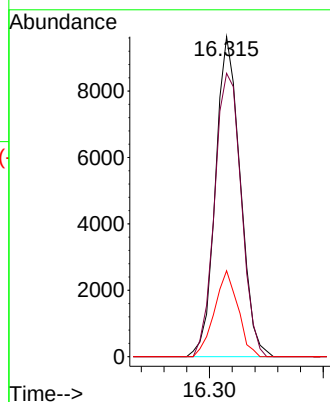
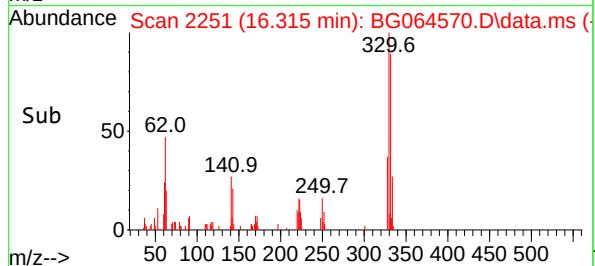
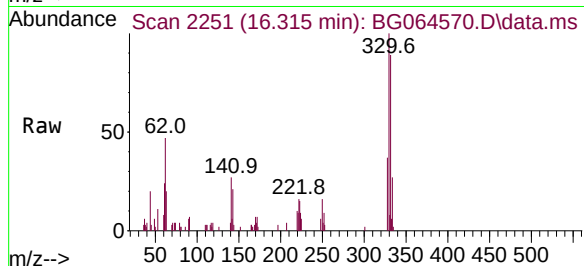
141 25.5 21.8 32.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#43

2,4,6-Trichlorophenol

Concen: 3.826 ng

RT: 13.277 min Scan# 1734

Delta R.T. 0.002 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

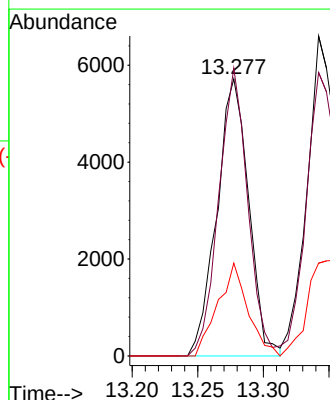
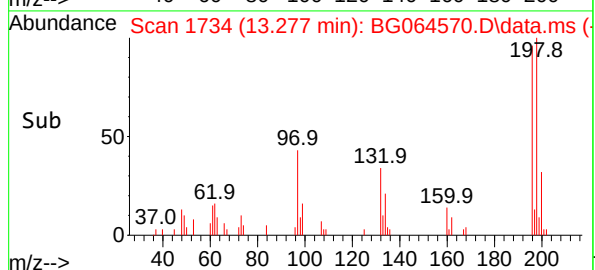
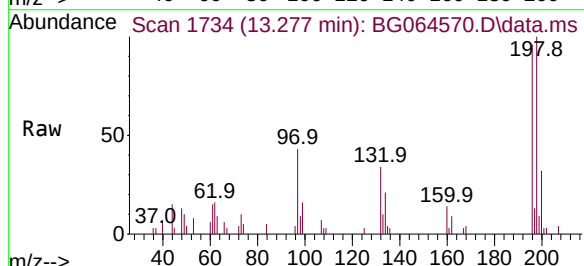
Tgt Ion:196 Resp: 9650

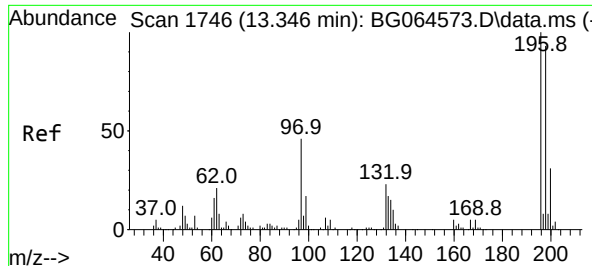
Ion Ratio Lower Upper

196 100

198 103.9 76.6 115.0

200 33.5 26.0 39.0





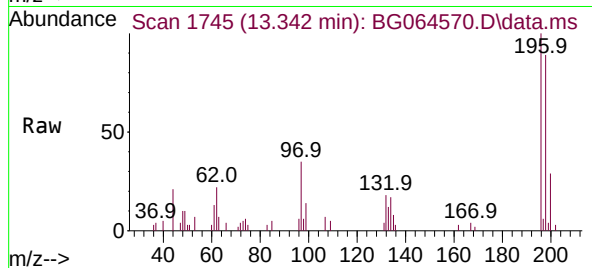
#44
2,4,5-Trichlorophenol
Concen: 3.831 ng
RT: 13.342 min Scan# 1745
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

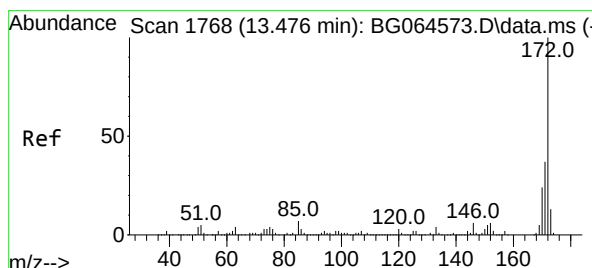
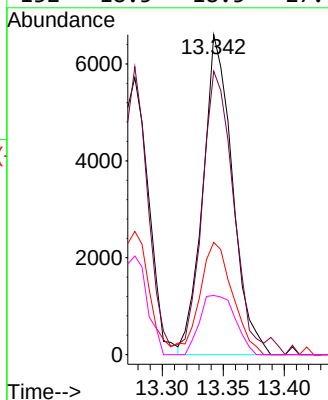
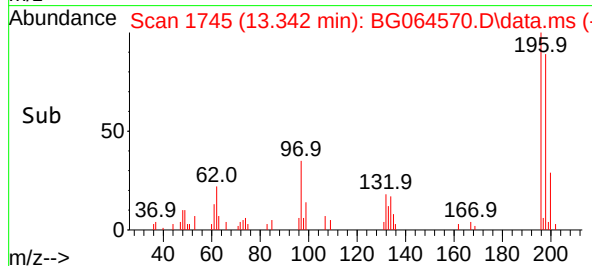


Tgt Ion:196 Resp: 1115
Ion Ratio Lower Upper
196 100
198 88.6 74.2 111.4
97 35.1 37.0 55.6
132 18.5 18.5 27.7

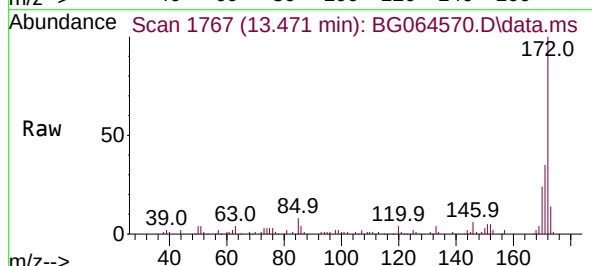
Manual Integrations

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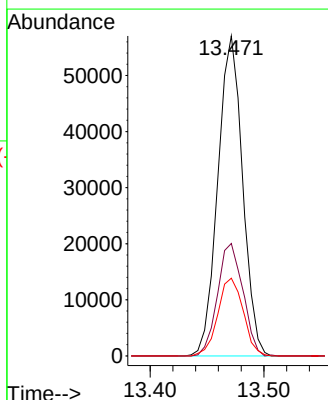
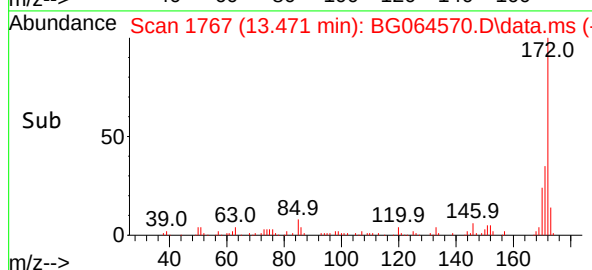
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

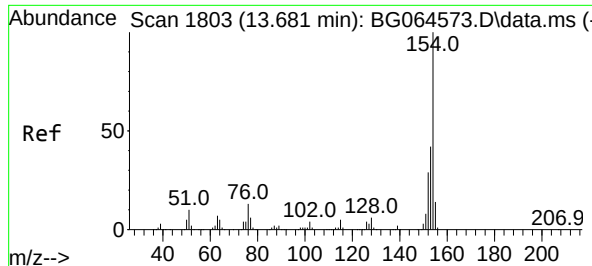


#45
2-Fluorobiphenyl
Concen: 9.932 ng
RT: 13.471 min Scan# 1767
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41



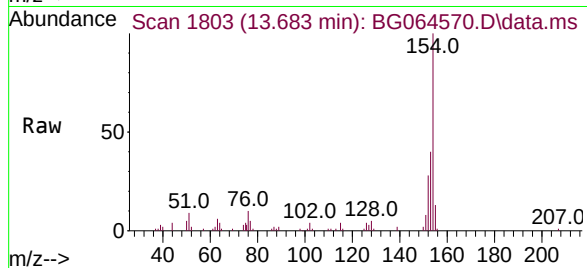
Tgt Ion:172 Resp: 86089
Ion Ratio Lower Upper
172 100
171 35.1 29.4 44.0
170 24.3 19.1 28.7





#46
1,1'-Biphenyl
Concen: 5.122 ng
RT: 13.683 min Scan# 1803
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

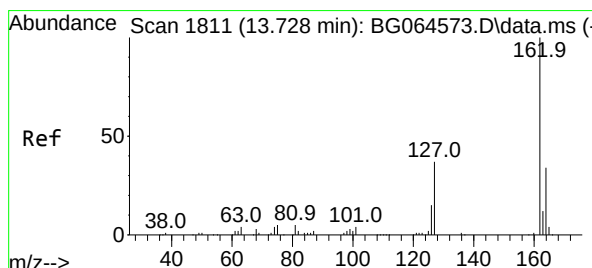
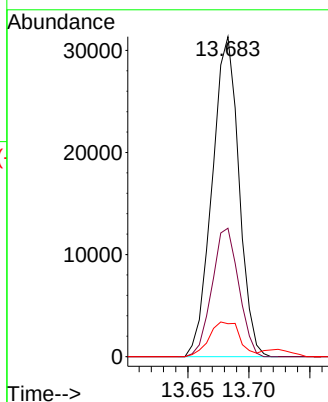
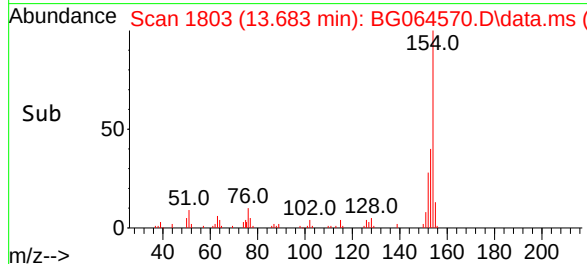
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



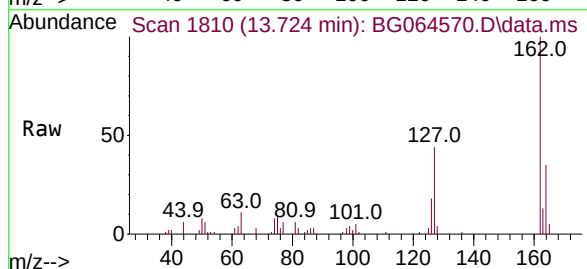
Tgt Ion:154 Resp: 47840
Ion Ratio Lower Upper
154 100
153 40.1 22.4 62.4
76 10.3 0.0 33.5

Manual Integrations
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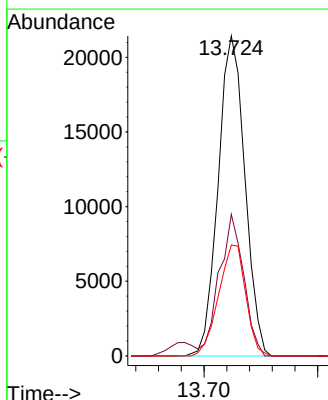
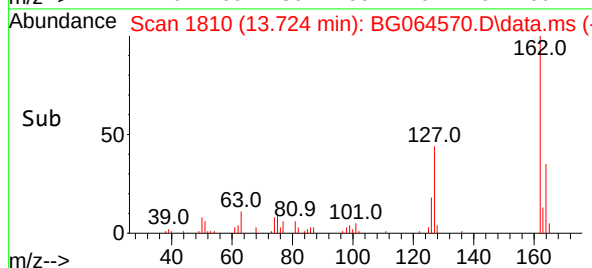
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

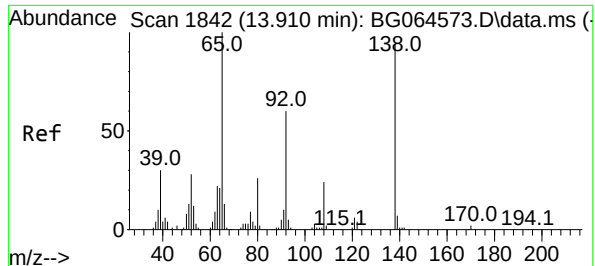


#47
2-Chloronaphthalene
Concen: 4.961 ng
RT: 13.724 min Scan# 1810
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41



Tgt Ion:162 Resp: 34977
Ion Ratio Lower Upper
162 100
127 44.2 32.2 48.2
164 34.7 27.5 41.3





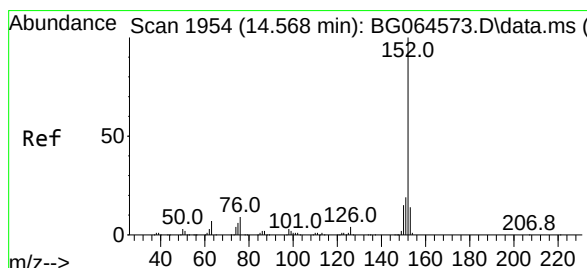
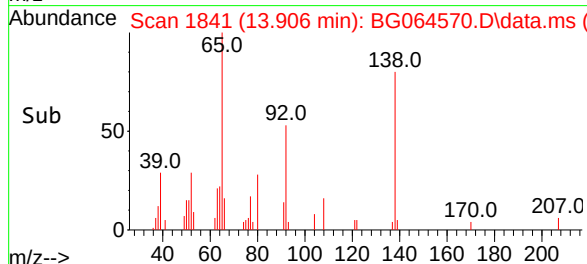
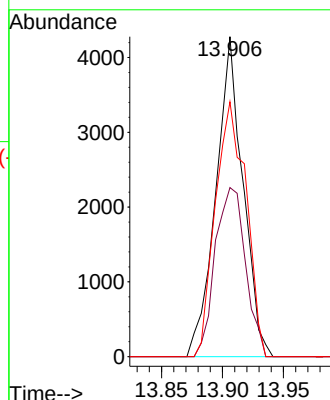
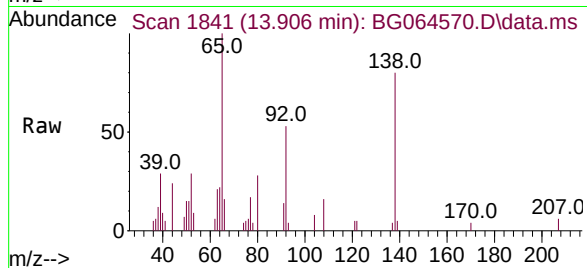
#48
2-Nitroaniline
Concen: 5.826 ng
RT: 13.906 min Scan# 1842
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion: 65 Resp: 660
Ion Ratio Lower Upper
65 100
92 52.8 48.3 72.5
138 79.6 74.9 112.3

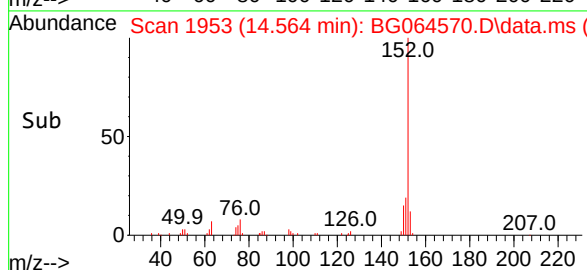
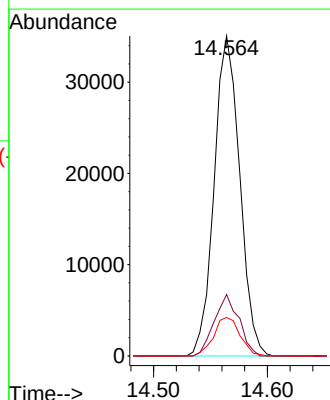
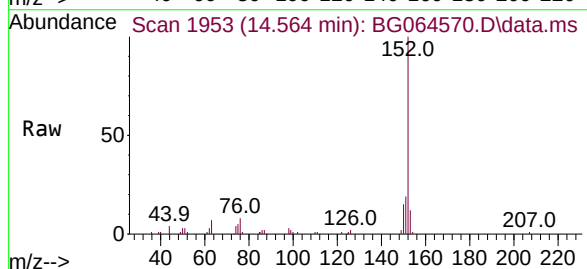
Manual Integrations
APPROVED

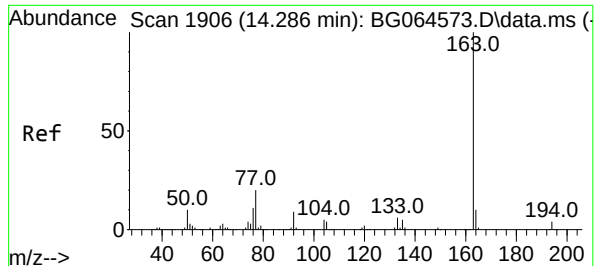
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#49
Acenaphthylene
Concen: 4.923 ng
RT: 14.564 min Scan# 1953
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:152 Resp: 54748
Ion Ratio Lower Upper
152 100
151 19.2 15.4 23.2
153 12.0 11.0 16.4





#50

Dimethylphthalate

Concen: 4.540 ng

RT: 14.282 min Scan# 1906

Delta R.T. -0.004 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Instrument :

BNA_G

ClientSampleId :

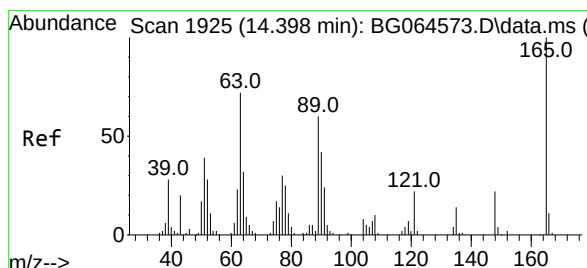
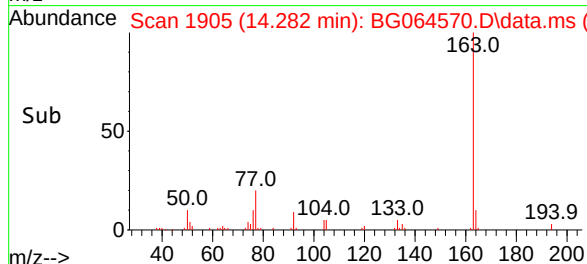
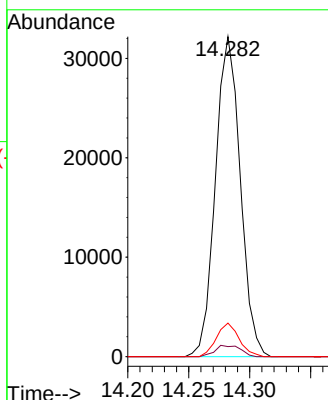
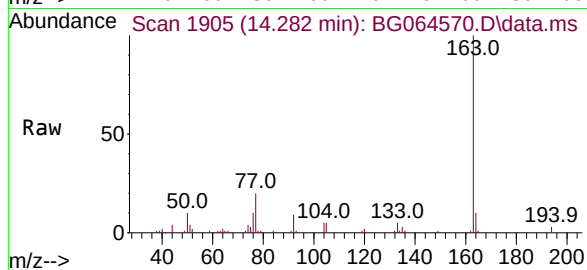
SSTDICC005

Tgt Ion:163 Resp: 45639
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 10.5 7.7 11.5

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Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#51

2,6-Dinitrotoluene

Concen: 5.535 ng

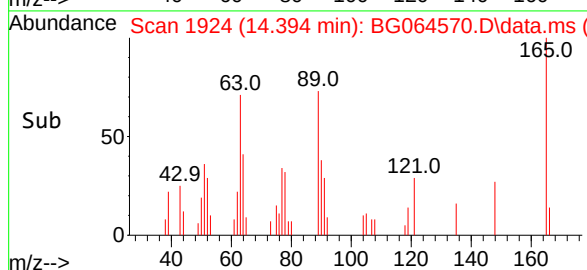
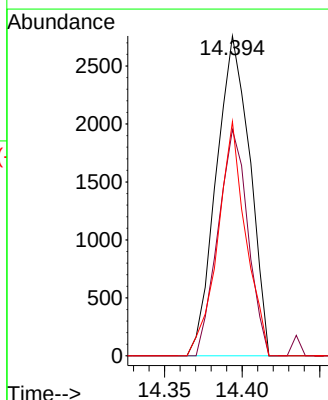
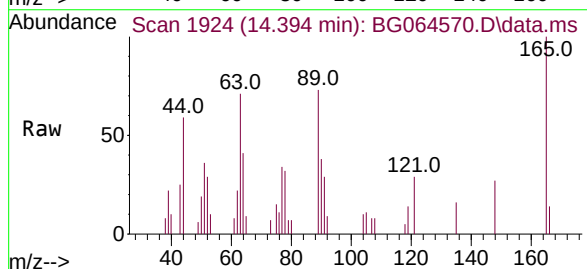
RT: 14.394 min Scan# 1924

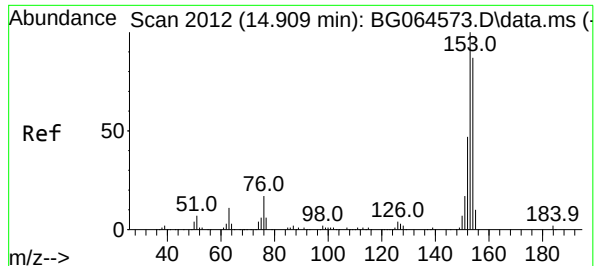
Delta R.T. -0.004 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

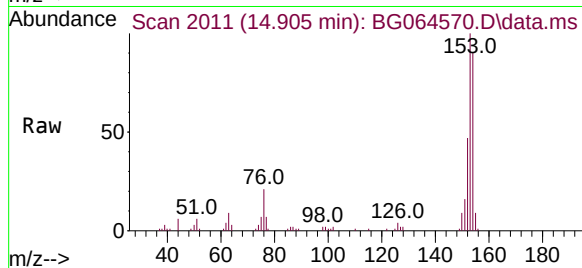
Tgt Ion:165 Resp: 4161
Ion Ratio Lower Upper
165 100
63 70.7 57.4 86.0
89 73.2 47.8 71.8#





#52
Acenaphthene
Concen: 4.867 ng
RT: 14.905 min Scan# 2012
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

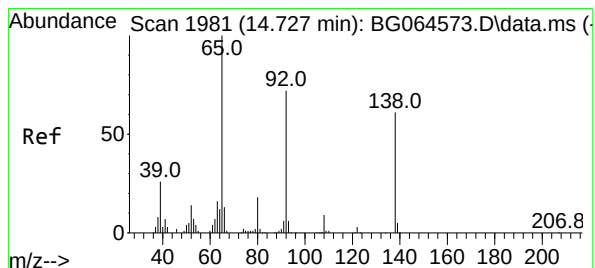
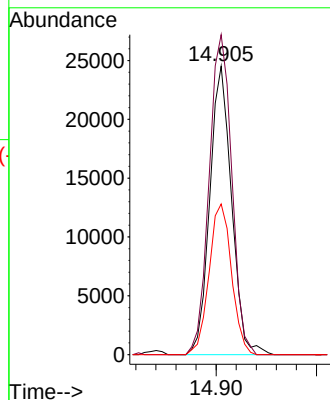
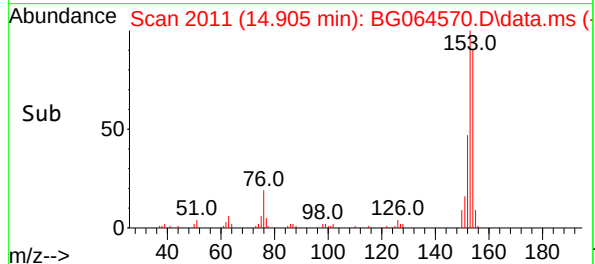
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:154 Resp: 36982
Ion Ratio Lower Upper
154 100
153 111.0 92.2 138.4
152 52.2 43.2 64.8

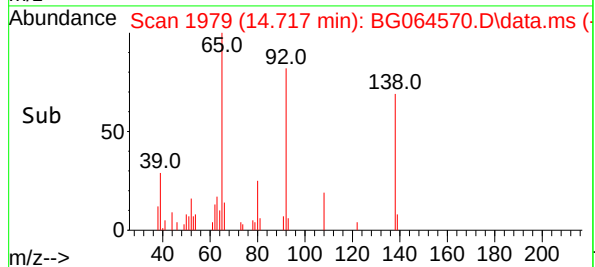
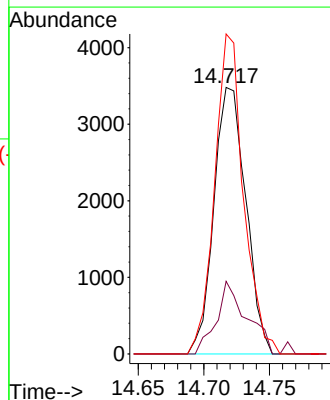
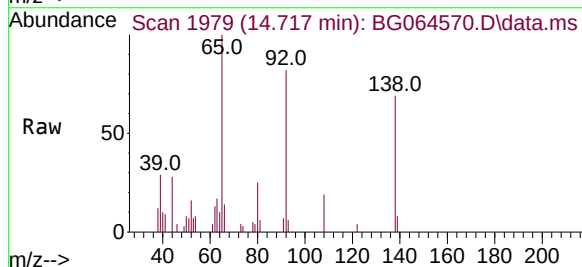
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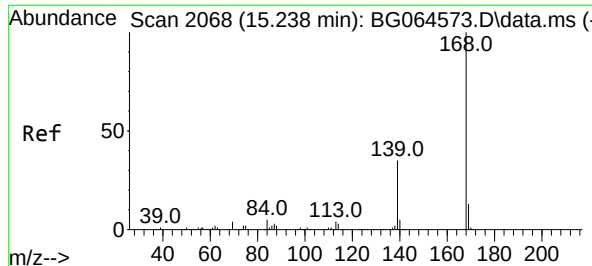
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#53
3-Nitroaniline
Concen: 3.417 ng
RT: 14.717 min Scan# 1979
Delta R.T. -0.010 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:138 Resp: 5903
Ion Ratio Lower Upper
138 100
108 27.2 11.4 17.0#
92 120.0 95.3 142.9





#55

Dibenzofuran

Concen: 5.029 ng

RT: 15.234 min Scan# 2068

Delta R.T. -0.004 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Tgt Ion:168 Resp: 61779

Ion Ratio Lower Upper

168 100

139 32.7 27.8 41.8

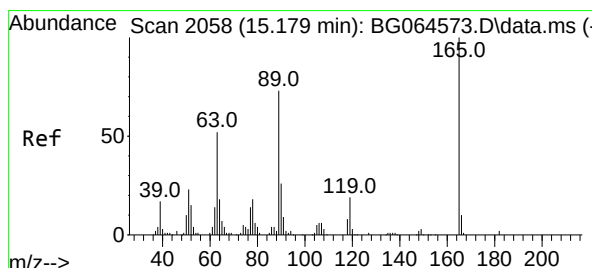
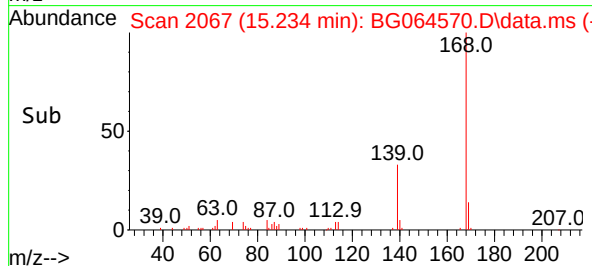
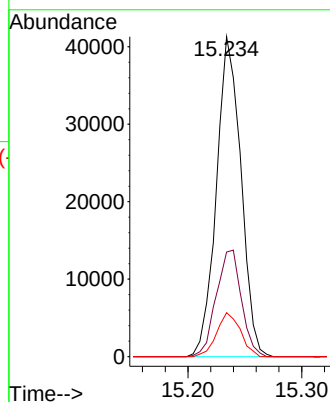
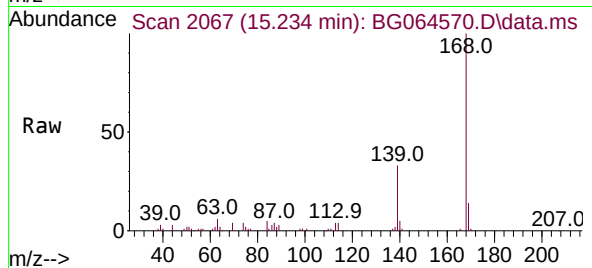
169 13.7 10.3 15.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#57

2,4-Dinitrotoluene

Concen: 5.721 ng

RT: 15.175 min Scan# 2057

Delta R.T. -0.004 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Tgt Ion:165 Resp: 7312

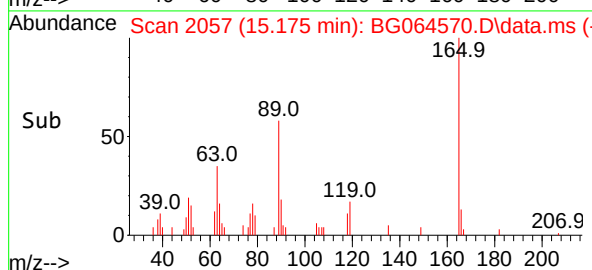
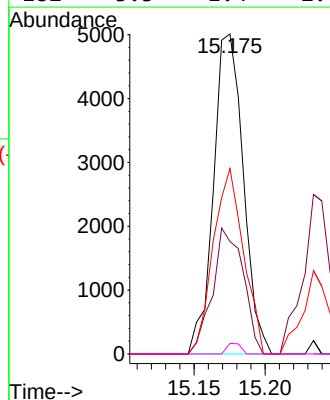
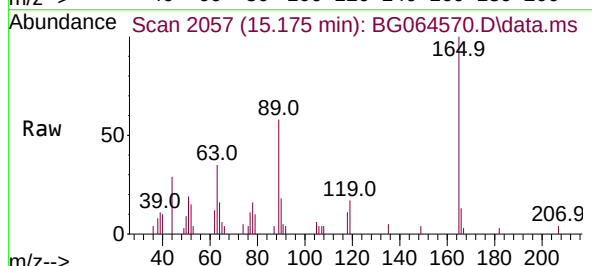
Ion Ratio Lower Upper

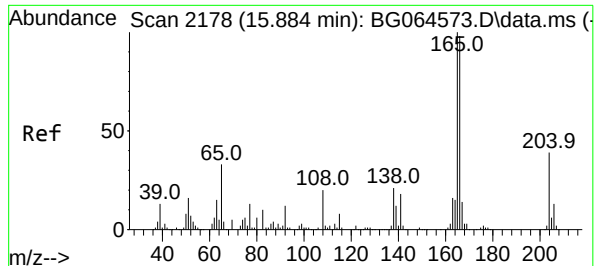
165 100

63 35.1 41.8 62.8#

89 57.9 58.1 87.1#

182 3.3 1.4 2.0#





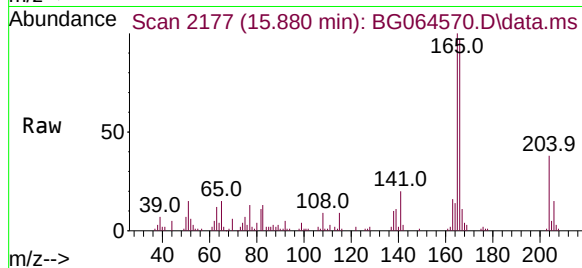
#58
Fluorene
Concen: 5.035 ng
RT: 15.880 min Scan# 2178
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

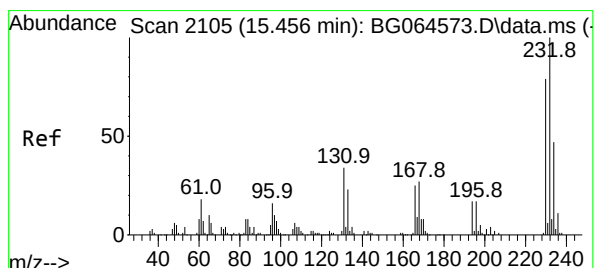
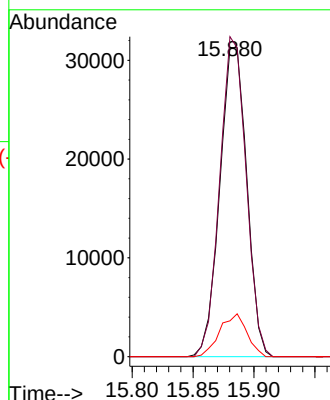
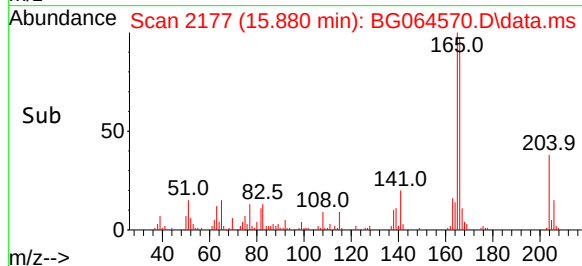


Tgt Ion:166 Resp: 48305
Ion Ratio Lower Upper
166 100
165 103.5 81.5 122.3
167 11.6 11.4 17.0

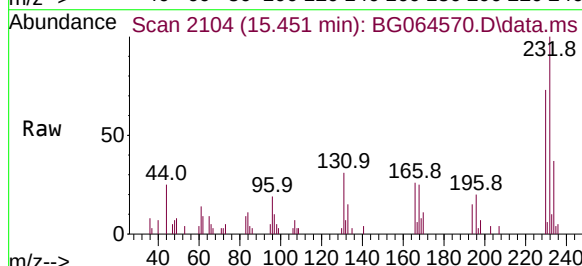
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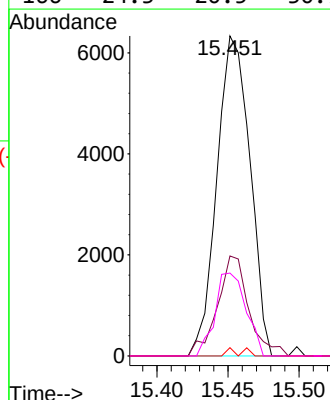
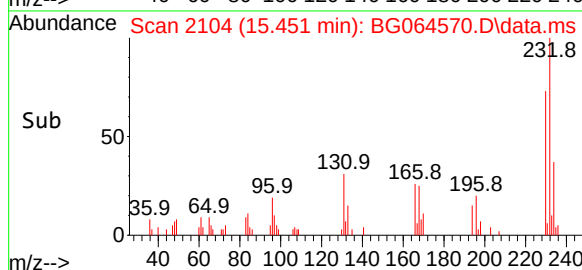
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

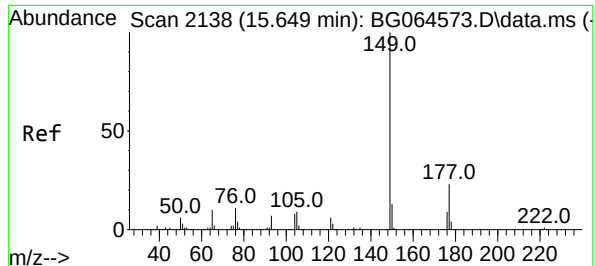


#59
2,3,4,6-Tetrachlorophenol
Concen: 3.679 ng
RT: 15.451 min Scan# 2104
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41



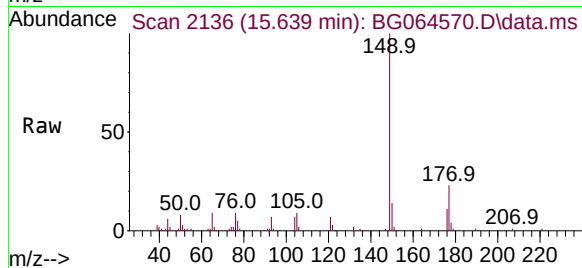
Tgt Ion:232 Resp: 10241
Ion Ratio Lower Upper
232 100
131 29.7 26.7 40.1
130 1.1 1.6 2.4#
166 24.3 20.5 30.7





#60
Diethylphthalate
Concen: 4.533 ng
RT: 15.639 min Scan# 2138
Delta R.T. -0.010 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

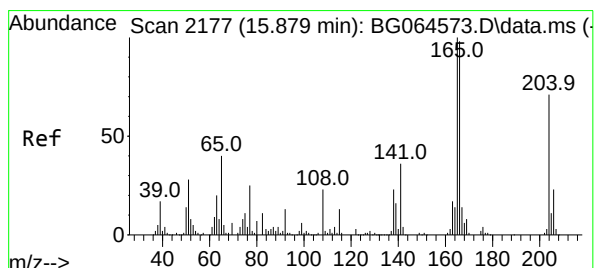
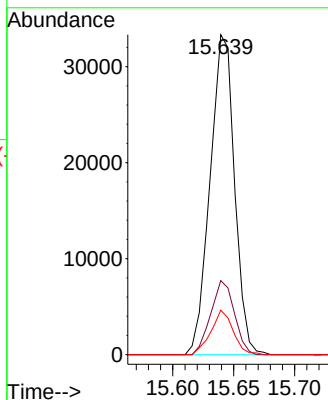
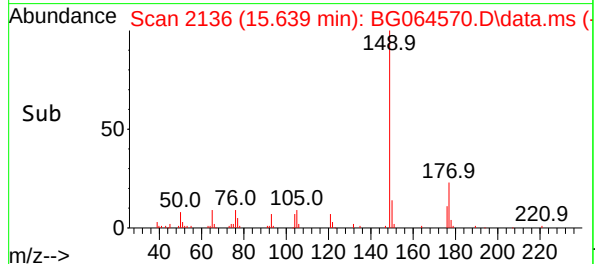
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:149 Resp: 46534
Ion Ratio Lower Upper
149 100
177 23.1 18.0 27.0
150 13.9 10.2 15.4

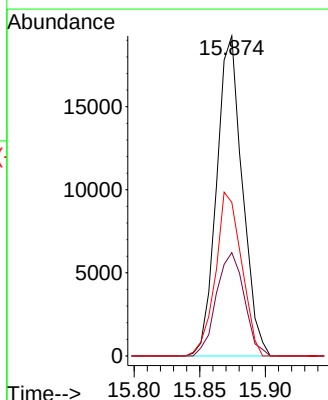
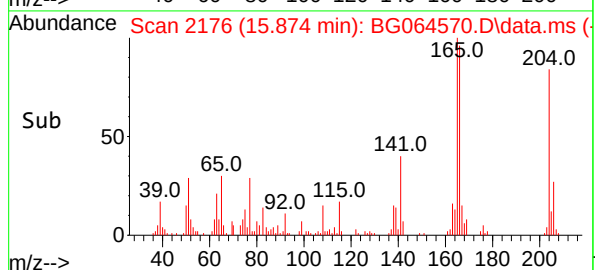
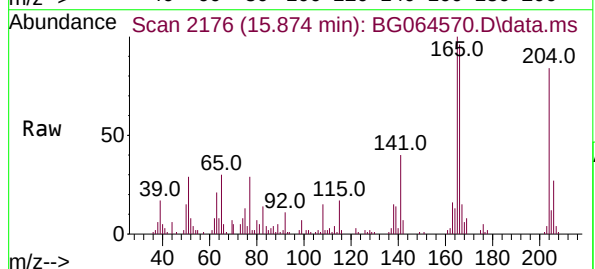
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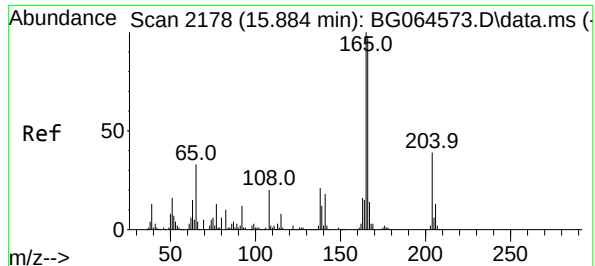
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#61
4-Chlorophenyl-phenylether
Concen: 4.880 ng
RT: 15.874 min Scan# 2176
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:204 Resp: 26270
Ion Ratio Lower Upper
204 100
206 32.3 25.6 38.4
141 48.0 40.6 60.8





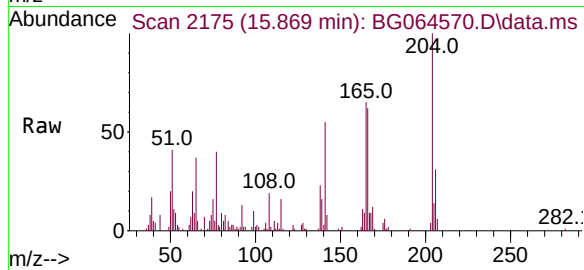
#62
4-Nitroaniline
Concen: 3.321 ng
RT: 15.869 min Scan# 2175
Delta R.T. -0.016 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

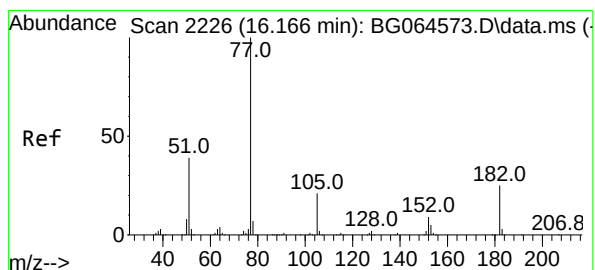
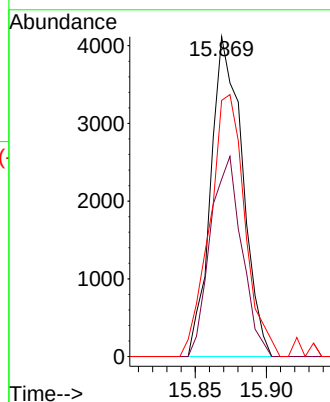
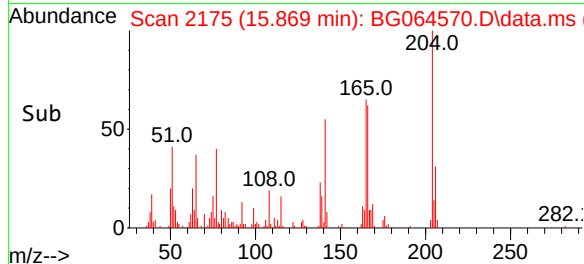


Tgt Ion:138 Resp: 638
Ion Ratio Lower Upper
138 100
92 55.4 36.1 76.1
108 80.1 75.6 115.6

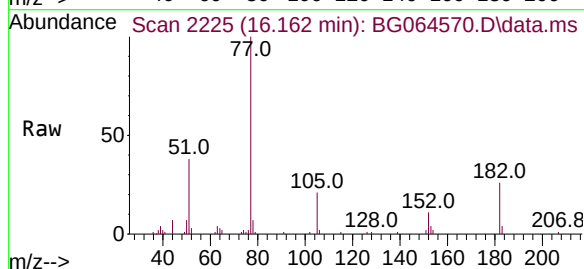
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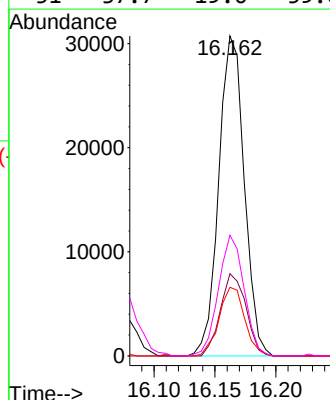
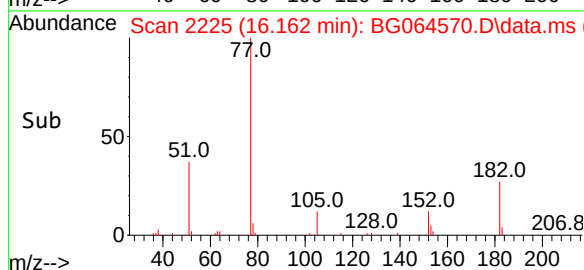
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

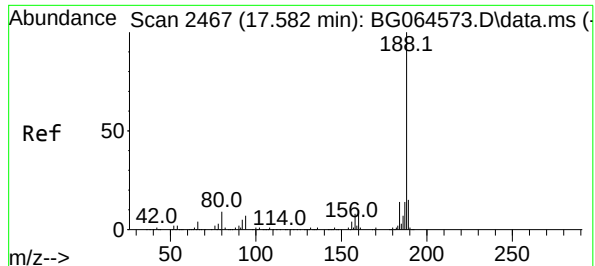


#63
Azobenzene
Concen: 4.749 ng
RT: 16.162 min Scan# 2225
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41



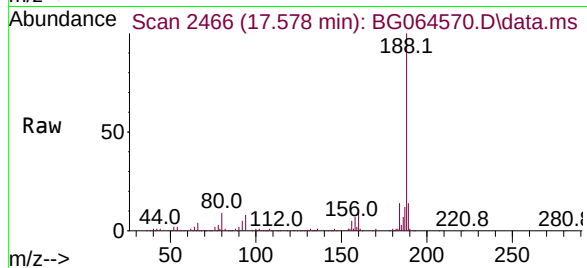
Tgt Ion: 77 Resp: 44729
Ion Ratio Lower Upper
77 100
182 25.7 4.9 44.9
105 21.4 1.3 41.3
51 37.7 19.0 59.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.578 min Scan# 2467
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

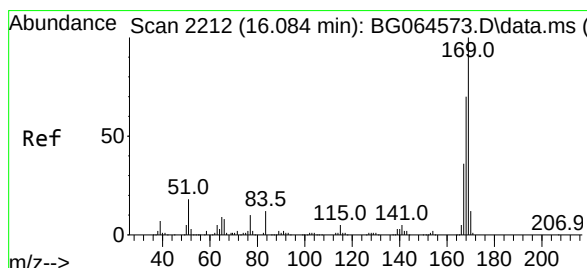
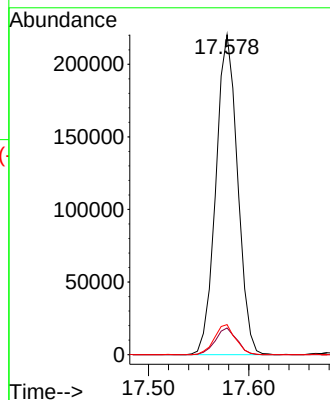
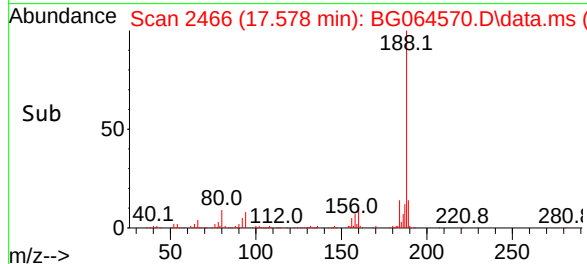
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:188 Resp: 331372
Ion Ratio Lower Upper
188 100
94 8.3 5.7 8.5
80 9.4 6.8 10.2

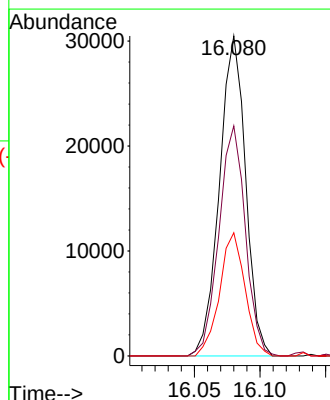
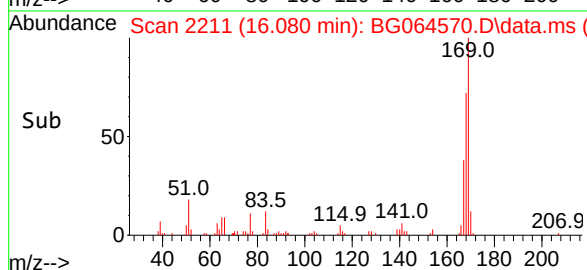
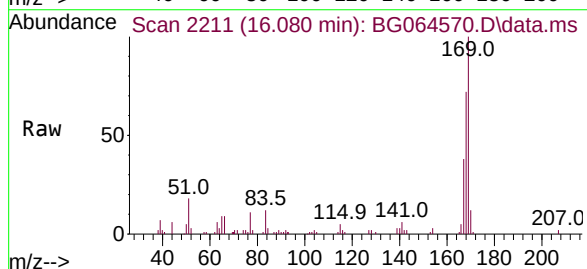
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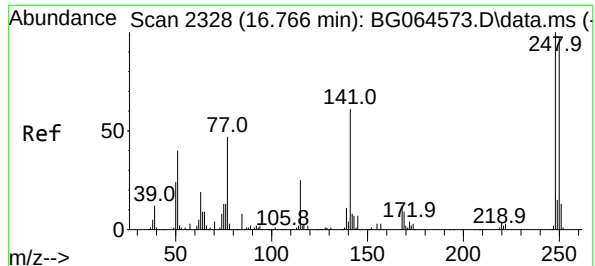
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#66
n-Nitrosodiphenylamine
Concen: 4.725 ng
RT: 16.080 min Scan# 2211
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

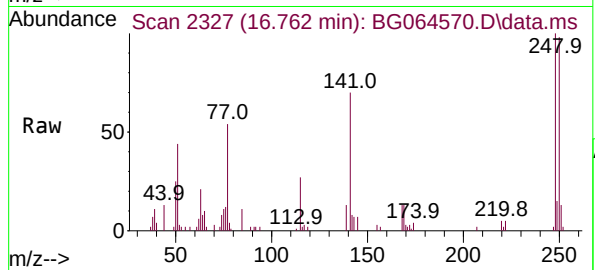
Tgt Ion:169 Resp: 42291
Ion Ratio Lower Upper
169 100
168 71.9 56.3 84.5
167 38.5 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 4.600 ng
RT: 16.762 min Scan# 2328
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

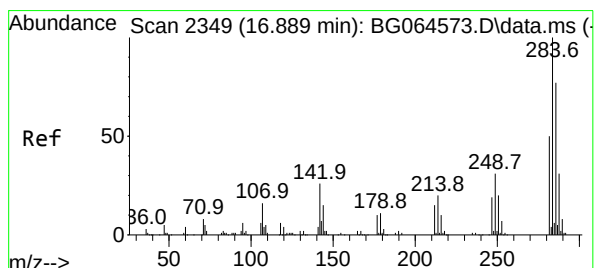
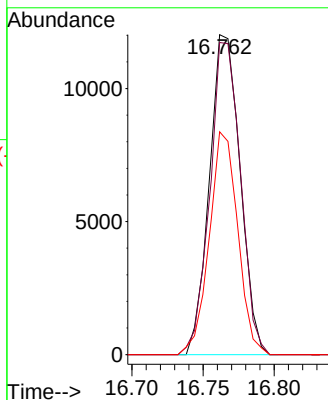
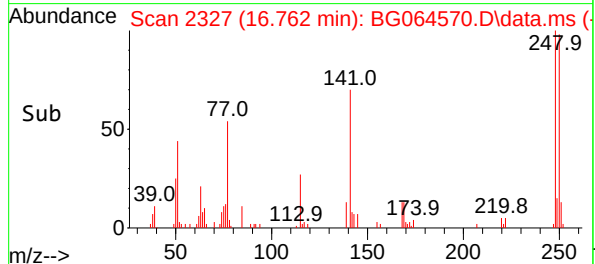
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:248 Resp: 18064
Ion Ratio Lower Upper
248 100
250 97.5 77.7 116.5
141 69.6 48.6 72.8

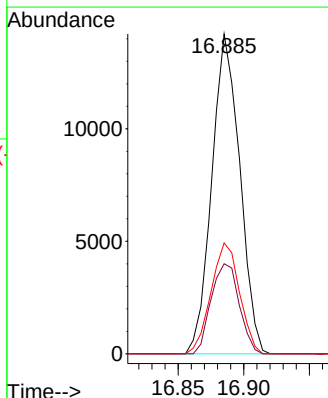
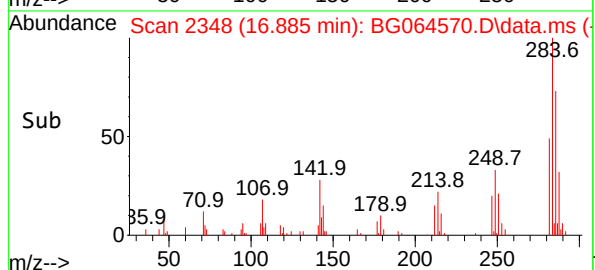
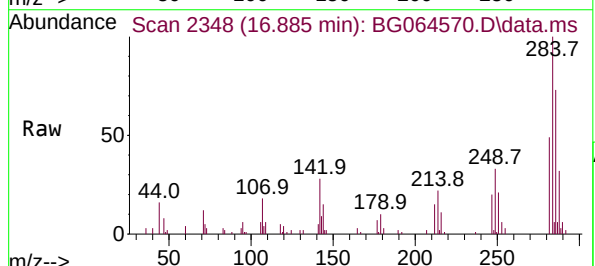
Manual Integrations
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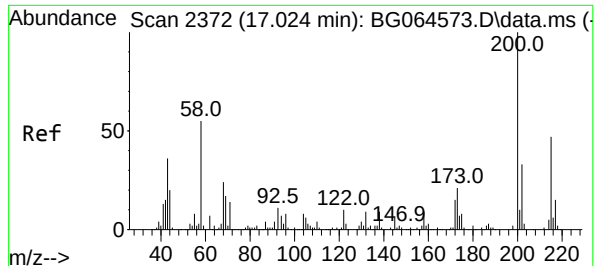
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#68
Hexachlorobenzene
Concen: 4.705 ng
RT: 16.885 min Scan# 2348
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:284 Resp: 21076
Ion Ratio Lower Upper
284 100
142 28.2 21.0 31.6
249 34.7 24.9 37.3





#69

Atrazine

Concen: 4.616 ng

RT: 17.014 min Scan# 2372

Delta R.T. -0.010 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Tgt Ion:200 Resp: 17783

Ion Ratio Lower Upper

200 100

173 26.6 0.9 40.9

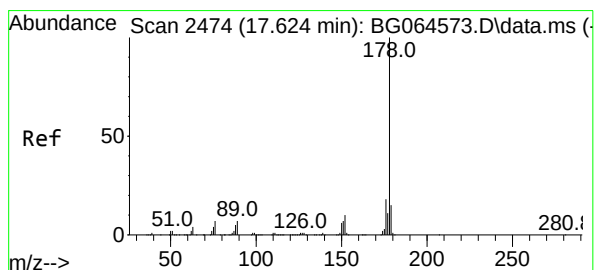
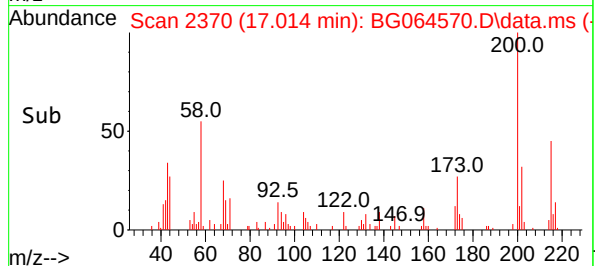
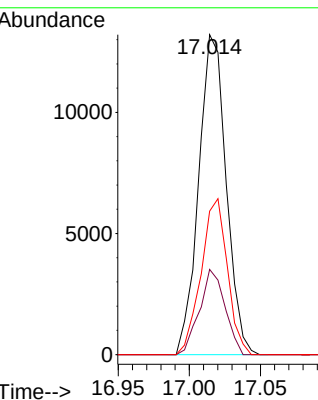
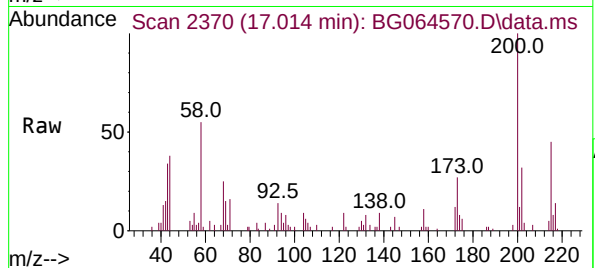
215 44.8 27.0 67.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#71

Phenanthrene

Concen: 4.954 ng

RT: 17.619 min Scan# 2473

Delta R.T. -0.004 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

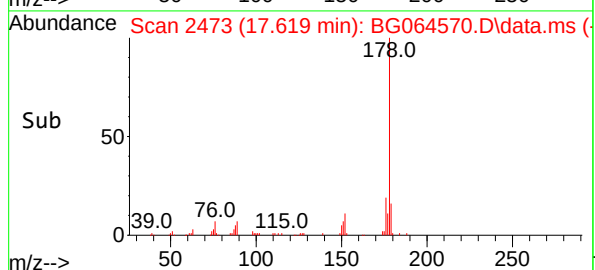
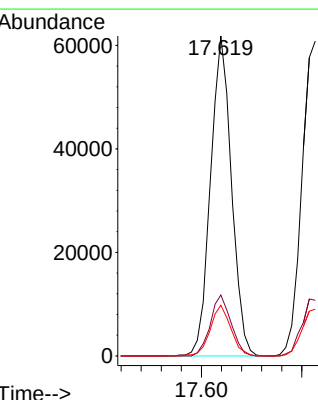
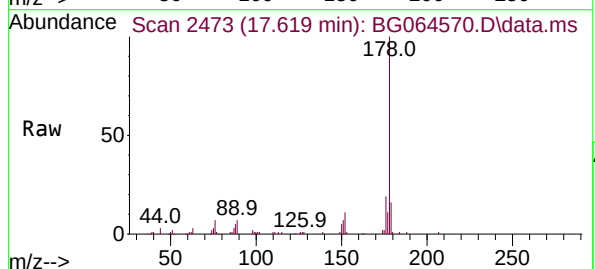
Tgt Ion:178 Resp: 89771

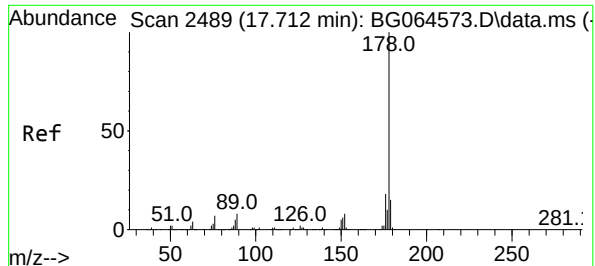
Ion Ratio Lower Upper

178 100

176 19.0 14.7 22.1

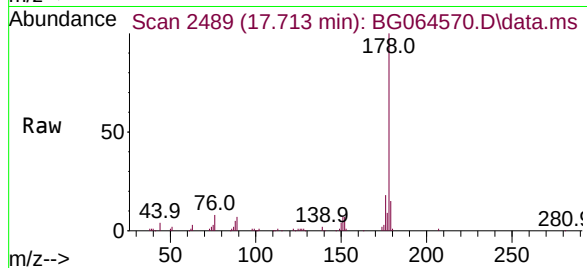
179 15.8 12.2 18.4





#72
Anthracene
Concen: 4.886 ng
RT: 17.713 min Scan# 2489
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

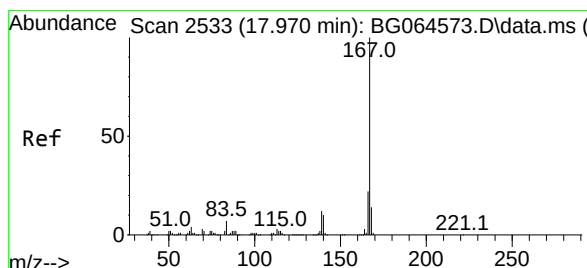
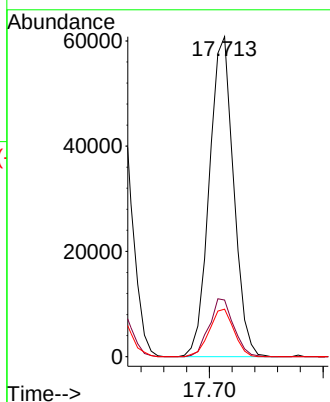
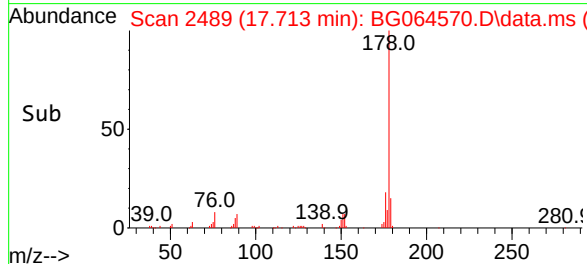
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



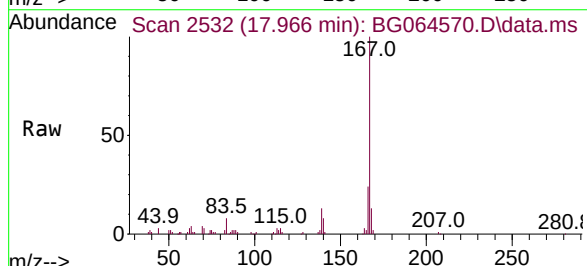
Tgt Ion:178 Resp: 90063
Ion Ratio Lower Upper
178 100
176 17.7 14.4 21.6
179 14.8 12.4 18.6

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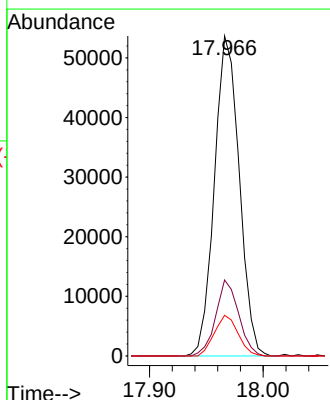
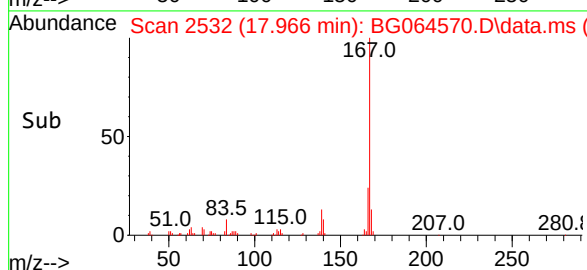
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

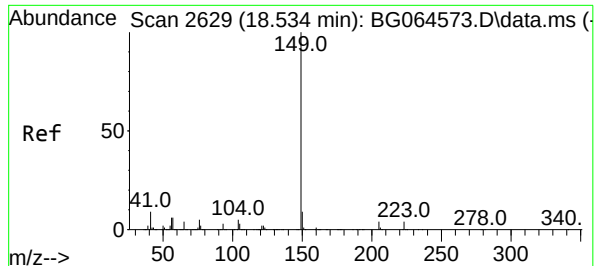


#73
Carbazole
Concen: 5.005 ng
RT: 17.966 min Scan# 2532
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41



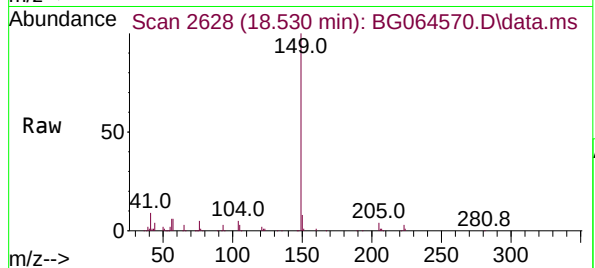
Tgt Ion:167 Resp: 81350
Ion Ratio Lower Upper
167 100
166 23.7 17.9 26.9
139 12.7 9.7 14.5





#74
Di-n-butylphthalate
Concen: 4.454 ng
RT: 18.530 min Scan# 2629
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

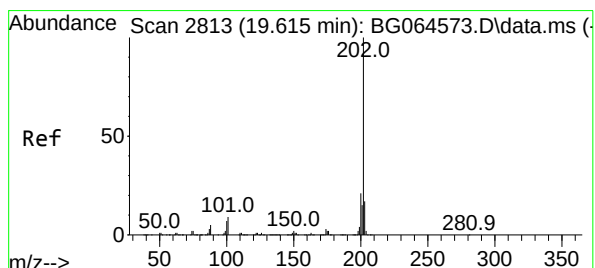
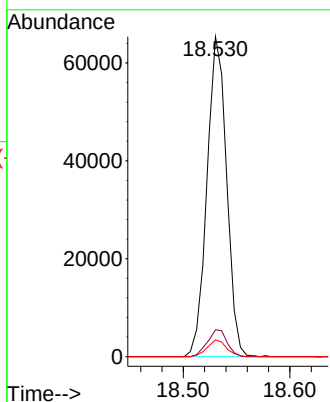
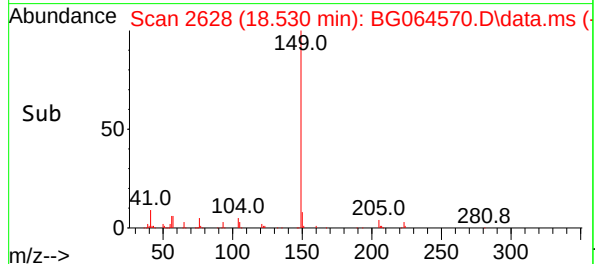
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:149 Resp: 83713
Ion Ratio Lower Upper
149 100
150 8.4 7.0 10.6
104 5.2 4.1 6.1

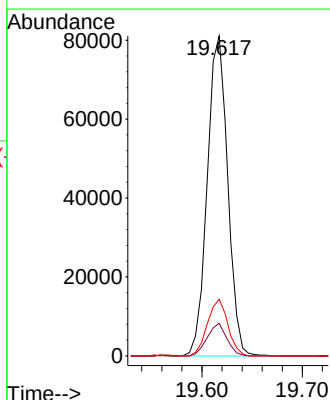
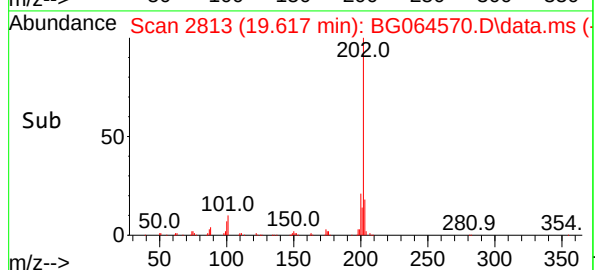
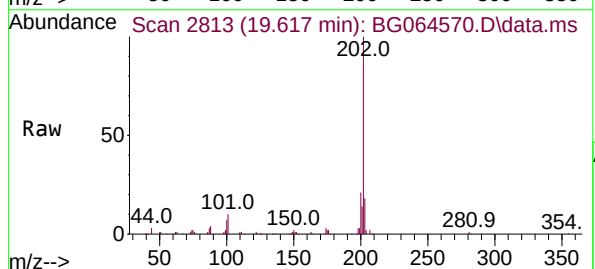
Manual Integrations
APPROVED

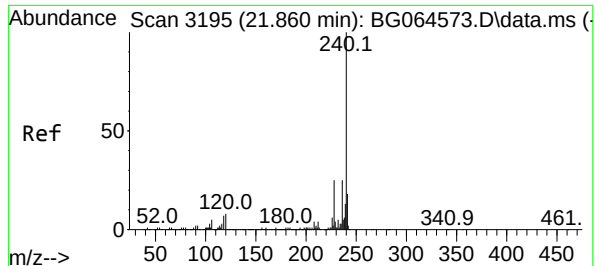
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#75
Fluoranthene
Concen: 5.054 ng
RT: 19.617 min Scan# 2813
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

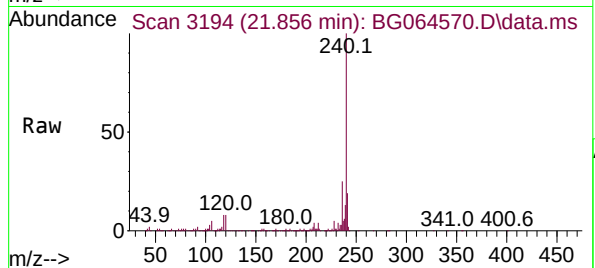
Tgt Ion:202 Resp: 114724
Ion Ratio Lower Upper
202 100
101 10.2 0.0 28.7
203 17.7 0.0 37.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.856 min Scan# 3195
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

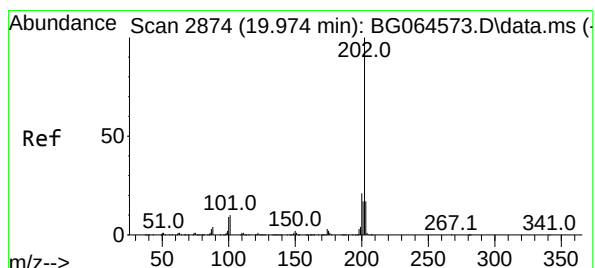
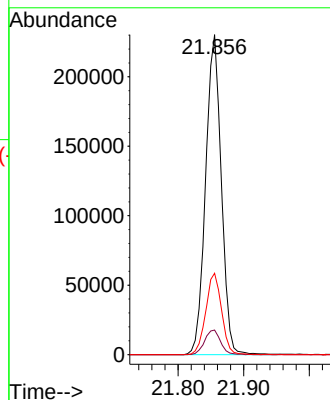
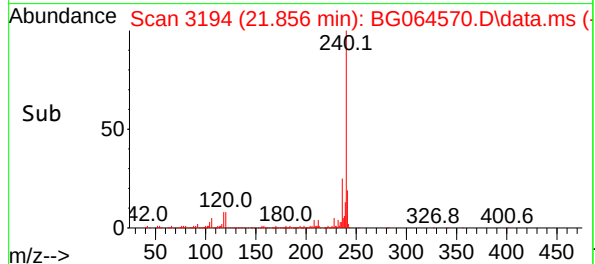
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:240 Resp: 381389
Ion Ratio Lower Upper
240 100
120 7.7 6.5 9.7
236 25.4 20.2 30.2

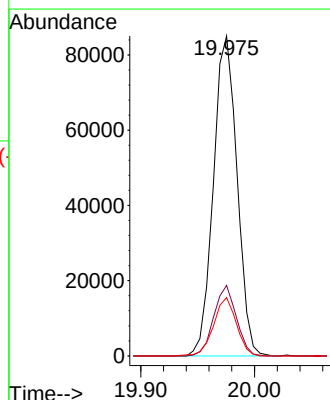
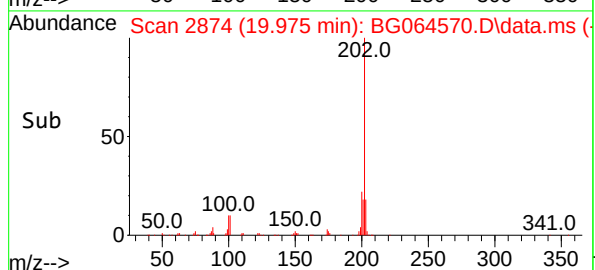
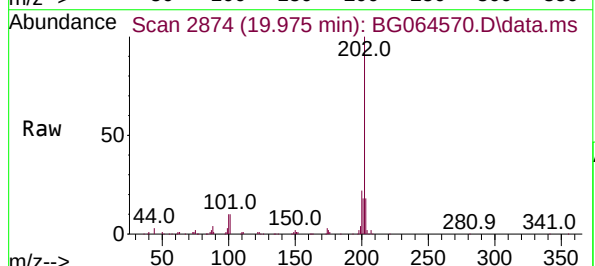
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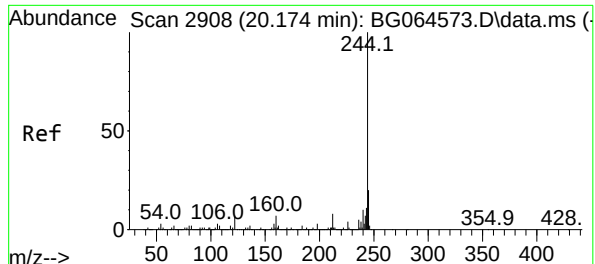
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#78
Pyrene
Concen: 4.923 ng
RT: 19.975 min Scan# 2874
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

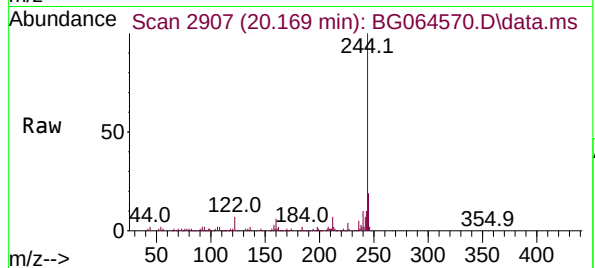
Tgt Ion:202 Resp: 122676
Ion Ratio Lower Upper
202 100
200 22.0 17.0 25.4
203 18.2 13.8 20.6





#79
 Terphenyl-d14
 Concen: 10.130 ng
 RT: 20.169 min Scan# 2908
 Delta R.T. -0.004 min
 Lab File: BG064570.D
 Acq: 24 Oct 2025 9:41

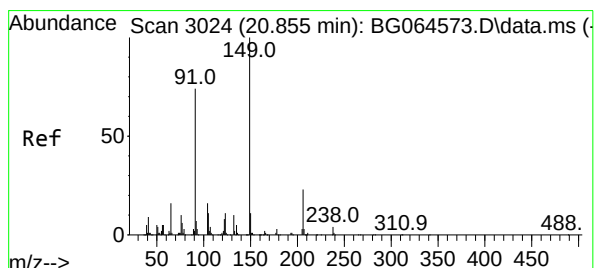
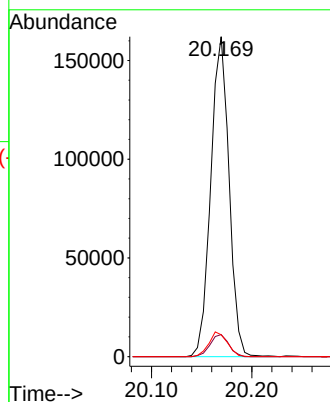
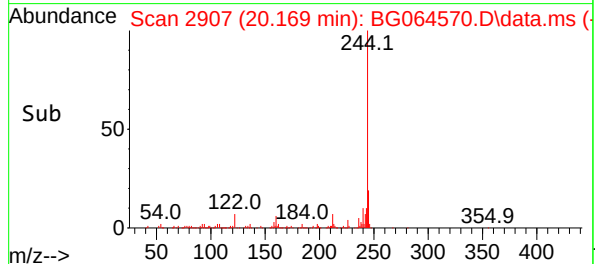
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC005



Tgt Ion:244 Resp: 204719
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 6.8 5.6 8.4

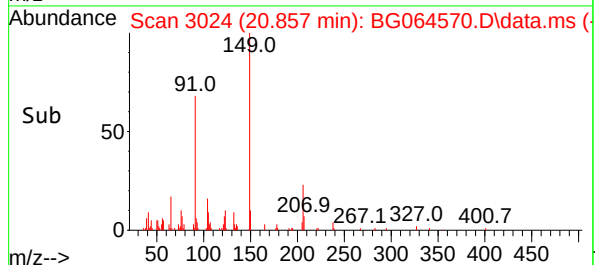
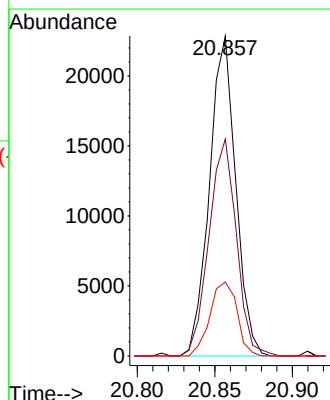
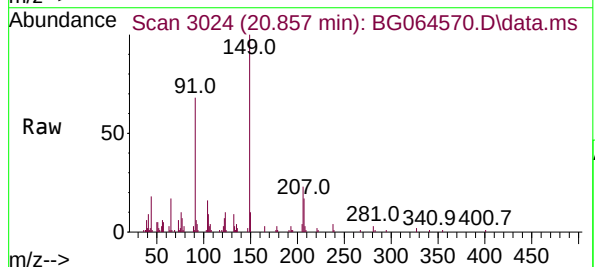
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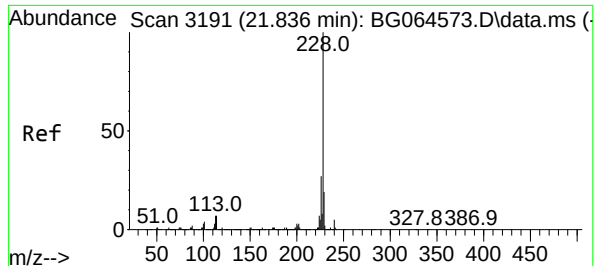
Reviewed By :Rahul Chavli 10/27/2025
 Supervised By :mohammad ahmed 11/05/2025



#80
 Butylbenzylphthalate
 Concen: 3.595 ng
 RT: 20.857 min Scan# 3024
 Delta R.T. 0.002 min
 Lab File: BG064570.D
 Acq: 24 Oct 2025 9:41

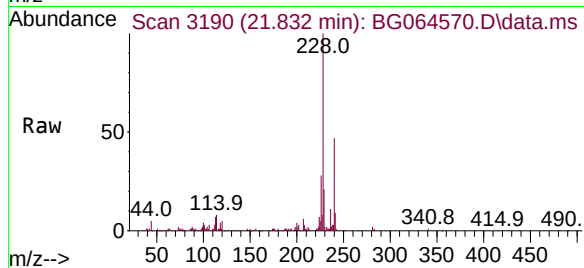
Tgt Ion:149 Resp: 27072
 Ion Ratio Lower Upper
 149 100
 91 67.8 59.2 88.8
 206 23.1 18.1 27.1





#81
Benzo(a)anthracene
Concen: 4.878 ng
RT: 21.832 min Scan# 3191
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

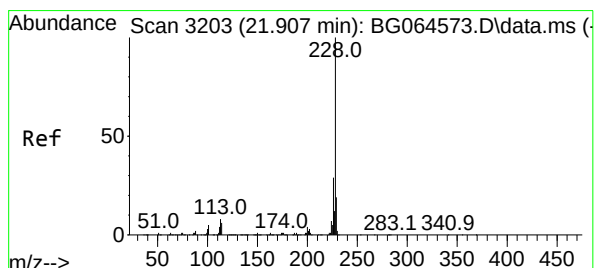
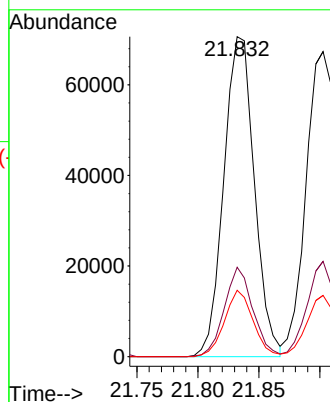
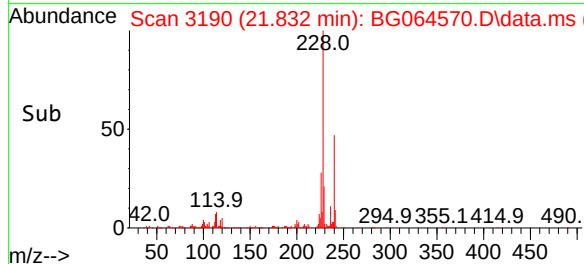
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:228 Resp: 123345
Ion Ratio Lower Upper
228 100
226 27.9 21.9 32.9
229 20.7 15.6 23.4

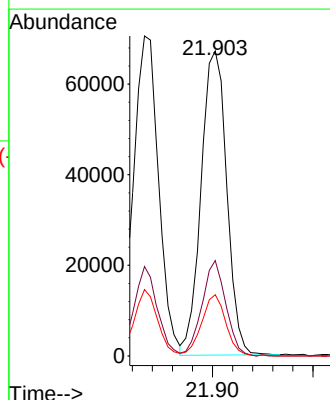
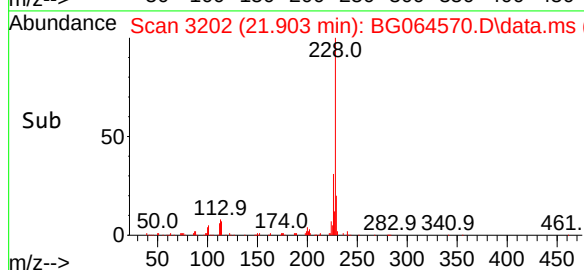
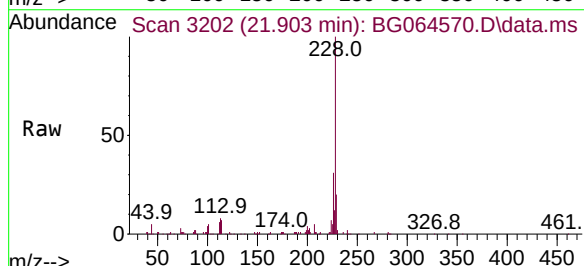
Manual Integrations
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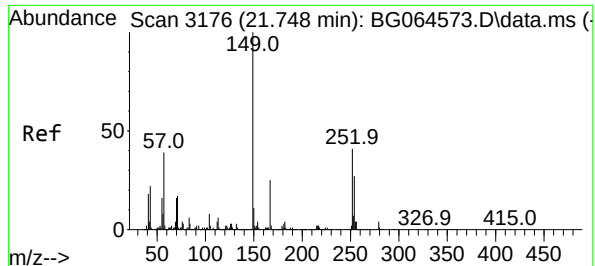
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#83
Chrysene
Concen: 4.949 ng
RT: 21.903 min Scan# 3202
Delta R.T. -0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:228 Resp: 119080
Ion Ratio Lower Upper
228 100
226 31.2 23.3 34.9
229 20.1 15.2 22.8





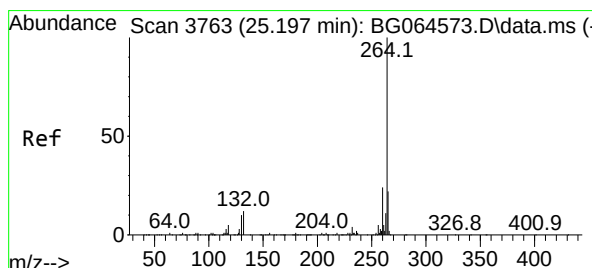
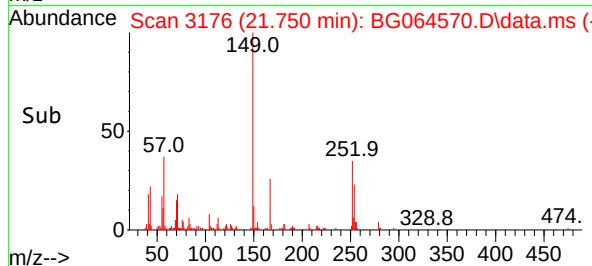
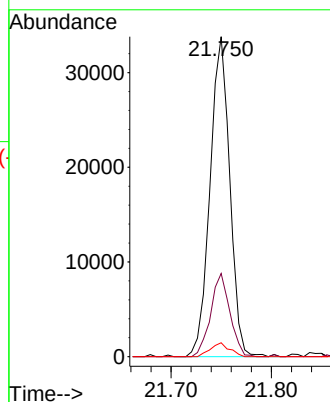
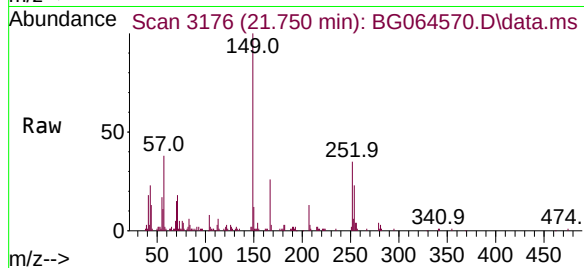
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.098 ng
RT: 21.750 min Scan# 3176
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 4611
Ion Ratio Lower Upper
149 100
167 26.0 20.0 30.0
279 4.3 3.1 4.7

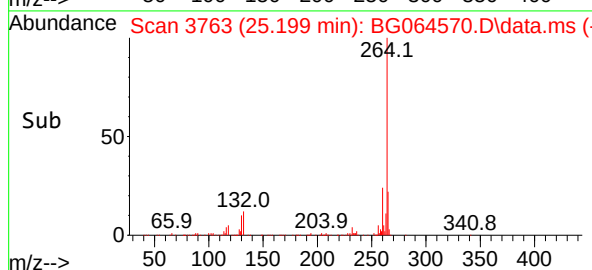
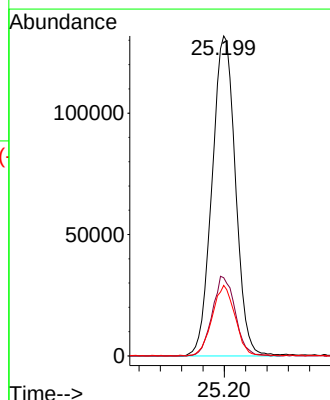
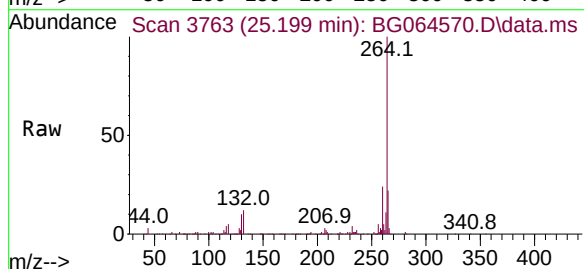
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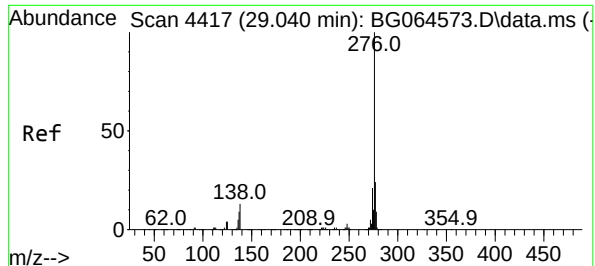
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.199 min Scan# 3763
Delta R.T. 0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

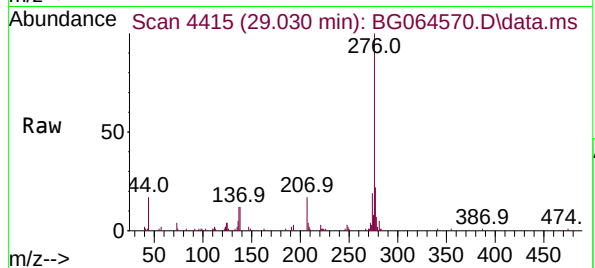
Tgt Ion:264 Resp: 401350
Ion Ratio Lower Upper
264 100
260 24.4 19.0 28.4
265 22.1 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 4.700 ng
RT: 29.030 min Scan# 4417
Delta R.T. -0.010 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

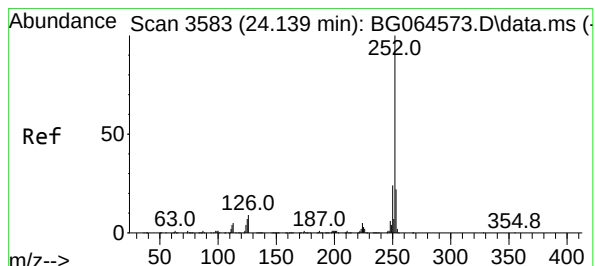
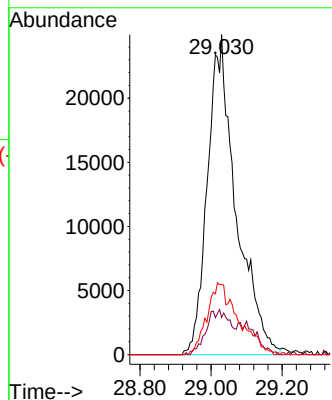
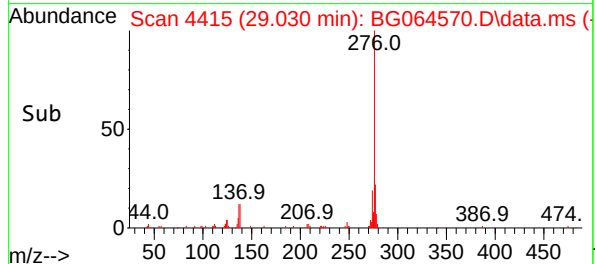
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:276 Resp: 138758
Ion Ratio Lower Upper
276 100
138 0.0 10.8 16.2
277 24.6 20.1 30.1

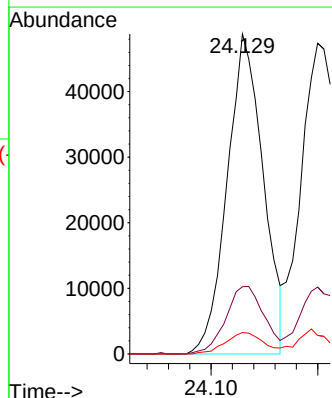
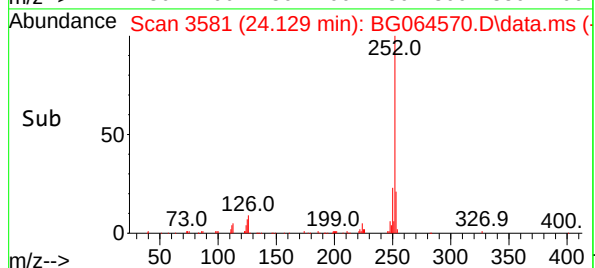
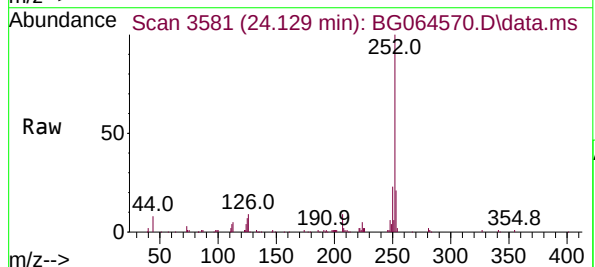
Manual Integrations
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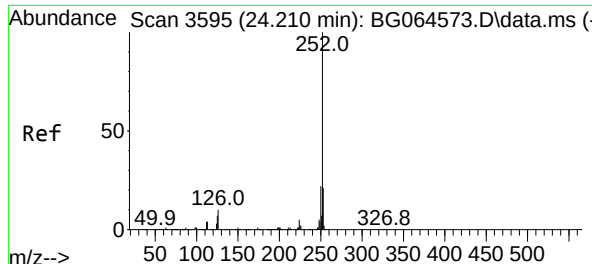
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#88
Benzo(b)fluoranthene
Concen: 4.640 ng
RT: 24.129 min Scan# 3581
Delta R.T. -0.010 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:252 Resp: 114203
Ion Ratio Lower Upper
252 100
253 21.0 17.8 26.8
125 6.7 5.6 8.4





#89

Benzo(k)fluoranthene

Concen: 4.787 ng

RT: 24.200 min Scan# 31

Delta R.T. -0.010 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Instrument :

BNA_G

ClientSampleId :

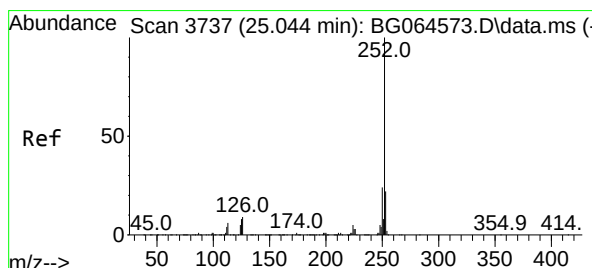
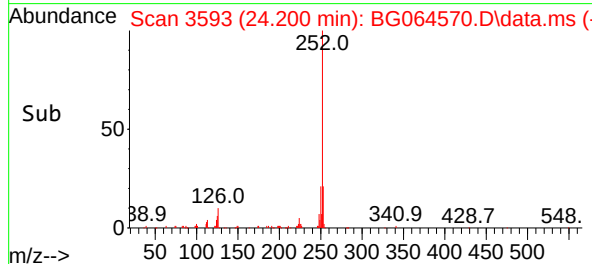
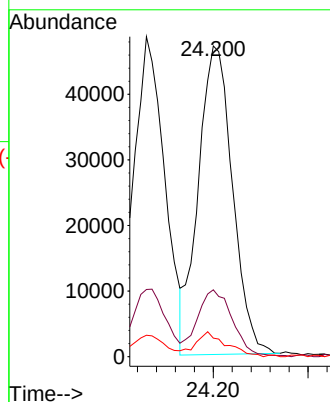
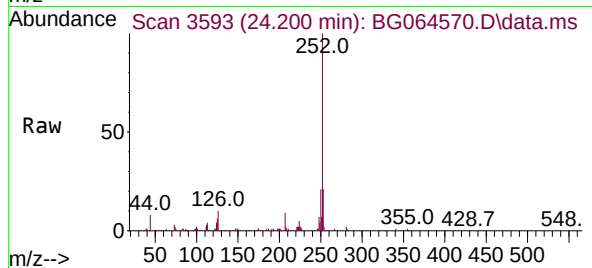
SSTDICC005

Tgt Ion:252 Resp: 117893
Ion Ratio Lower Upper
252 100
253 21.5 16.8 25.2
125 6.0 5.4 8.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#90

Benzo(a)pyrene

Concen: 4.704 ng

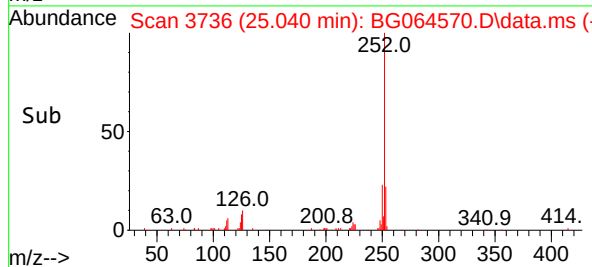
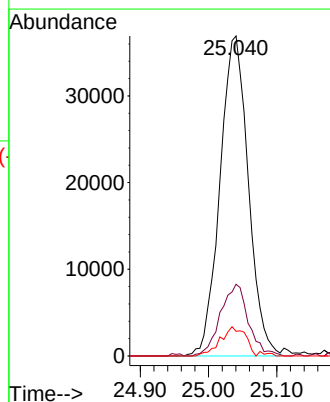
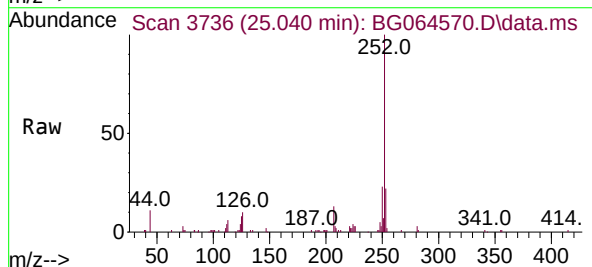
RT: 25.040 min Scan# 3736

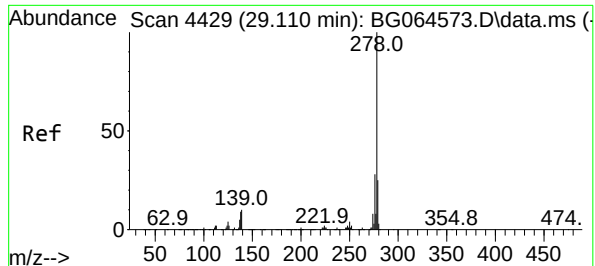
Delta R.T. -0.004 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

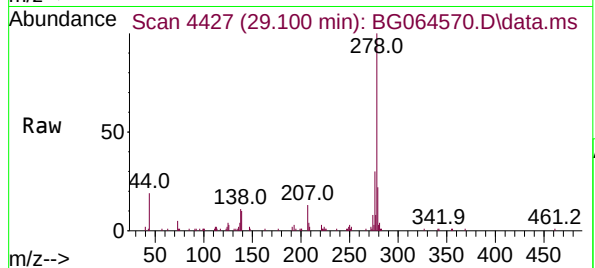
Tgt Ion:252 Resp: 106414
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 7.7 6.1 9.1





#91
Dibenzo(a,h)anthracene
Concen: 4.686 ng
RT: 29.100 min Scan# 4429
Delta R.T. -0.010 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

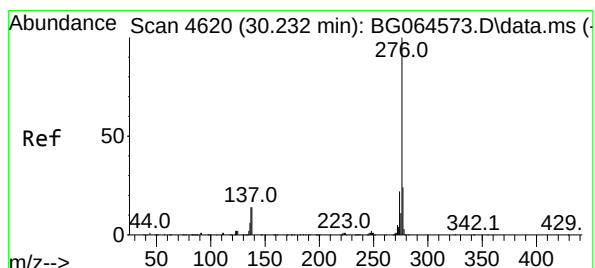
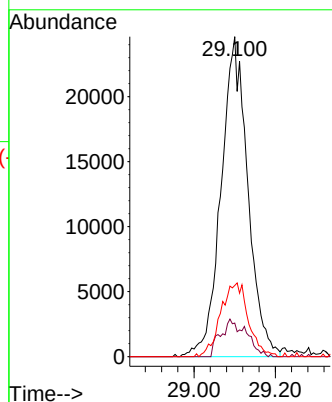
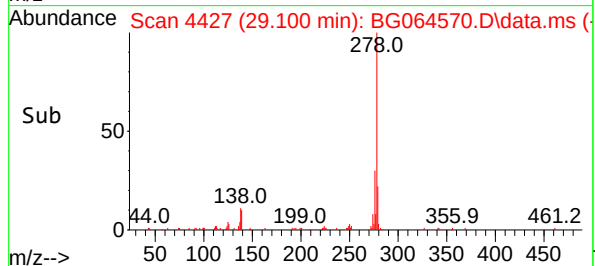
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:278 Resp: 112398
Ion Ratio Lower Upper
278 100
139 10.5 8.0 12.0
279 22.2 19.8 29.6

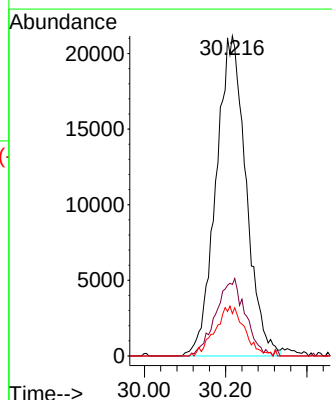
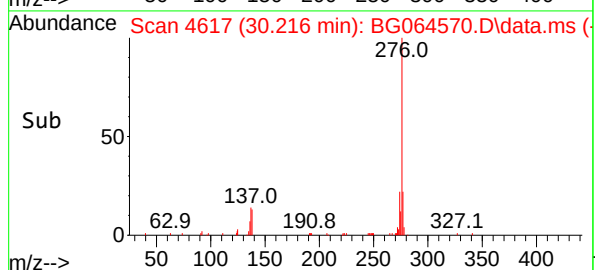
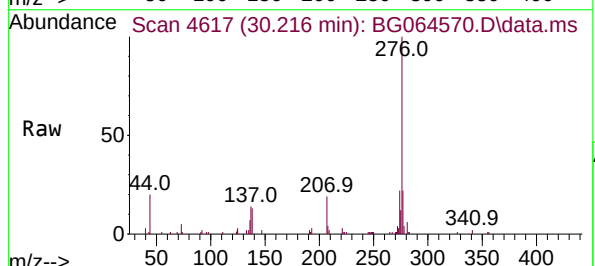
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#92
Benzo(g,h,i)perylene
Concen: 4.731 ng
RT: 30.216 min Scan# 4617
Delta R.T. -0.016 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:276 Resp: 108407
Ion Ratio Lower Upper
276 100
277 22.3 19.1 28.7
138 13.2 11.3 16.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064571.D
 Acq On : 24 Oct 2025 11:02
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 03 17:59:17 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Nov 03 17:56:56 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.218	152	36324	20.000	ng	0.00
21) Naphthalene-d8	11.044	136	151627	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	117618	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	300549	20.000	ng	0.00
76) Chrysene-d12	21.855	240	343958	20.000	ng	0.00
86) Perylene-d12	25.198	264	354939	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.750	112	43837	20.257	ng	0.00
7) Phenol-d6	7.348	99	60084	20.233	ng	0.00
23) Nitrobenzene-d5	9.381	82	43376	17.182	ng	0.00
42) 2,4,6-Tribromophenol	16.314	330	31236	18.400	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	163340	21.050	ng	0.00
79) Terphenyl-d14	20.168	244	385094	21.129	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.588	88	10545	11.006	ng	97
3) Pyridine	3.999	79	29199	10.148	ng	95
4) n-Nitrosodimethylamine	3.905	42	16561	10.733	ng	# 92
6) Aniline	7.530	93	42134	10.427	ng	97
8) 2-Chlorophenol	7.777	128	21922	9.678	ng	96
9) Benzaldehyde	7.342	77	17117	10.558	ng	94
10) Phenol	7.372	94	33058	10.066	ng	87
11) bis(2-Chloroethyl)ether	7.618	93	25594	10.600	ng	91
12) 1,3-Dichlorobenzene	8.112	146	27537	10.562	ng	98
13) 1,4-Dichlorobenzene	8.253	146	28081	10.593	ng	91
14) 1,2-Dichlorobenzene	8.576	146	27577	10.785	ng	96
15) Benzyl Alcohol	8.447	79	23263	9.500	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.741	45	65452	10.334	ng	97
17) 2-Methylphenol	8.647	107	22254	10.206	ng	97
18) Hexachloroethane	9.322	117	9723	10.452	ng	93
19) n-Nitroso-di-n-propyla...	9.017	70	20724	10.098	ng	# 98
20) 3+4-Methylphenols	8.970	107	30009	9.786	ng	95
22) Acetophenone	9.040	105	42851	10.338	ng	# 93
24) Nitrobenzene	9.422	77	23618	8.602	ng	98
25) Isophorone	9.951	82	60347	9.962	ng	98
26) 2-Nitrophenol	10.139	139	7208	9.491	ng	# 91
27) 2,4-Dimethylphenol	10.192	122	22259	9.879	ng	96
28) bis(2-Chloroethoxy)met...	10.433	93	35170	10.197	ng	98
29) 2,4-Dichlorophenol	10.680	162	22643	9.338	ng	94
30) 1,2,4-Trichlorobenzene	10.903	180	27947	10.143	ng	93
31) Naphthalene	11.097	128	86750	10.319	ng	99
32) Benzoic acid	10.245	122	10748m	10.637	ng	
33) 4-Chloroaniline	11.185	127	34581	10.583	ng	97
34) Hexachlorobutadiene	11.390	225	22099	10.256	ng	95
35) Caprolactam	11.931	113	8521	9.162	ng	92
36) 4-Chloro-3-methylphenol	12.289	107	28904	9.916	ng	98
37) 2-Methylnaphthalene	12.689	142	65070	10.543	ng	95
38) 1-Methylnaphthalene	12.906	142	64384	10.540	ng	95
40) 1,2,4,5-Tetrachloroben...	13.053	216	40253	10.197	ng	98
41) Hexachlorocyclopentadiene	13.036	237	15733	8.855	ng	97
43) 2,4,6-Trichlorophenol	13.276	196	19584	8.673	ng	91

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064571.D
 Acq On : 24 Oct 2025 11:02
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 03 17:59:17 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Nov 03 17:56:56 2025

Response via : Initial Calibration

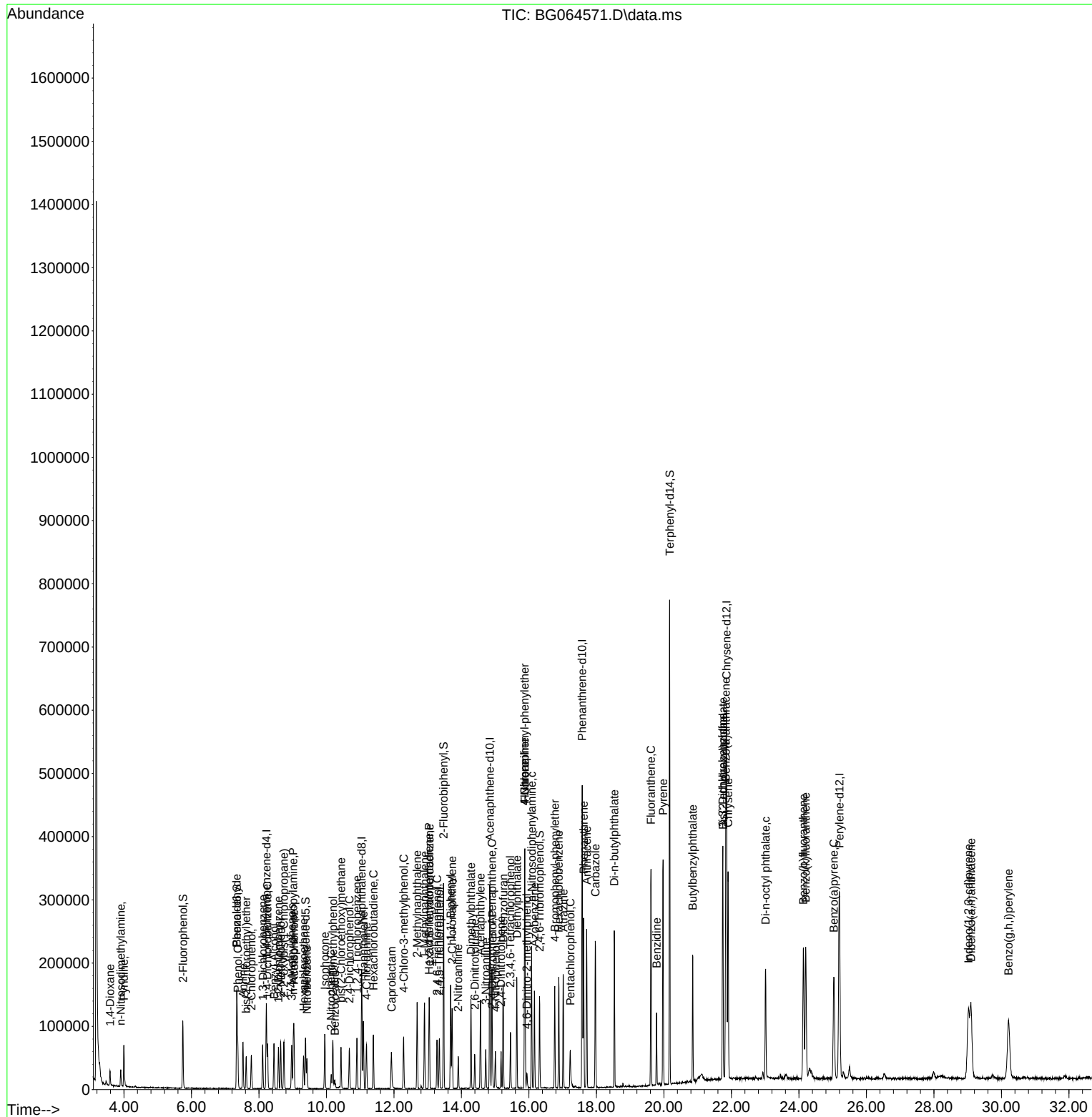
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.341	196	24973	9.584	ng	94
46) 1,1'-Biphenyl	13.682	154	85287	10.200	ng	96
47) 2-Chloronaphthalene	13.723	162	63631	10.081	ng	98
48) 2-Nitroaniline	13.905	65	13764	9.284	ng	91
49) Acenaphthylene	14.563	152	101526	10.198	ng	100
50) Dimethylphthalate	14.281	163	92308	10.256	ng	96
51) 2,6-Dinitrotoluene	14.393	165	10601	9.857	ng	87
52) Acenaphthene	14.904	154	69273	10.184	ng	97
53) 3-Nitroaniline	14.722	138	12414	8.026	ng	# 92
54) 2,4-Dinitrophenol	14.922	184	5082	10.760	ng	# 1
55) Dibenzofuran	15.239	168	115990	10.548	ng	97
56) 4-Nitrophenol	15.010	139	11207	7.815	ng	86
57) 2,4-Dinitrotoluene	15.174	165	15797	9.494	ng	# 94
58) Fluorene	15.879	166	91712	10.679	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.450	232	22645	9.088	ng	# 99
60) Diethylphthalate	15.644	149	96719	10.525	ng	98
61) 4-Chlorophenyl-phenyle...	15.873	204	50818	10.544	ng	97
62) 4-Nitroaniline	15.873	138	14819	8.612	ng	95
63) Azobenzene	16.161	77	88441	10.489	ng	97
65) 4,6-Dinitro-2-methylph...	15.938	198	8190	10.919	ng	86
66) n-Nitrosodiphenylamine	16.079	169	82787	10.197	ng	99
67) 4-Bromophenyl-phenylether	16.767	248	35433	9.949	ng	96
68) Hexachlorobenzene	16.884	284	39975	9.838	ng	94
69) Atrazine	17.019	200	34185	9.785	ng	99
70) Pentachlorophenol	17.225	266	19859	7.838	ng	96
71) Phenanthrene	17.618	178	170294	10.361	ng	99
72) Anthracene	17.712	178	171860	10.279	ng	98
73) Carbazole	17.965	167	155907	10.575	ng	99
74) Di-n-butylphthalate	18.529	149	173716	10.189	ng	99
75) Fluoranthene	19.616	202	219838	10.677	ng	98
77) Benzidine	19.781	184	67427	8.750	ng	99
78) Pyrene	19.975	202	228905	10.186	ng	99
80) Butylbenzylphthalate	20.850	149	61669	9.080	ng	94
81) Benzo(a)anthracene	21.831	228	233051	10.219	ng	99
82) 3,3'-Dichlorobenzidine	21.737	252	71951	9.448	ng	94
83) Chrysene	21.902	228	222018	10.231	ng	97
84) Bis(2-ethylhexyl)phtha...	21.749	149	95500	9.410	ng	# 99
85) Di-n-octyl phthalate	23.012	149	149877	8.759	ng	99
87) Indeno(1,2,3-cd)pyrene	29.023	276	264547	10.132	ng	93
88) Benzo(b)fluoranthene	24.128	252	221197	10.163	ng	98
89) Benzo(k)fluoranthene	24.199	252	223674	10.270	ng	98
90) Benzo(a)pyrene	25.033	252	202985	10.146	ng	98
91) Dibenzo(a,h)anthracene	29.099	278	217114	10.235	ng	99
92) Benzo(g,h,i)perylene	30.210	276	206153	10.173	ng	98

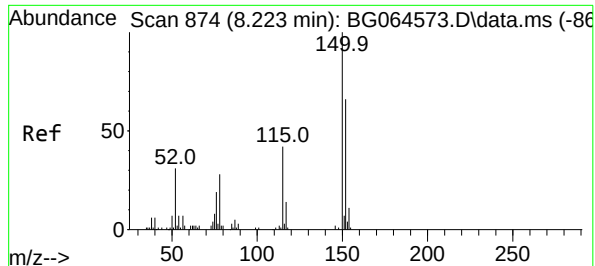
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

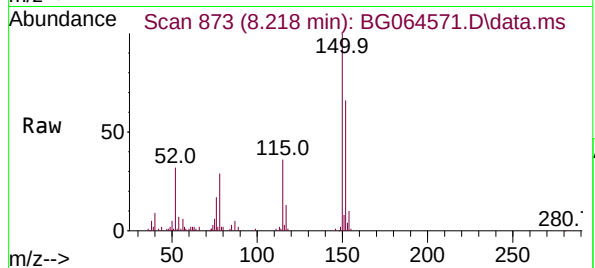
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.218 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

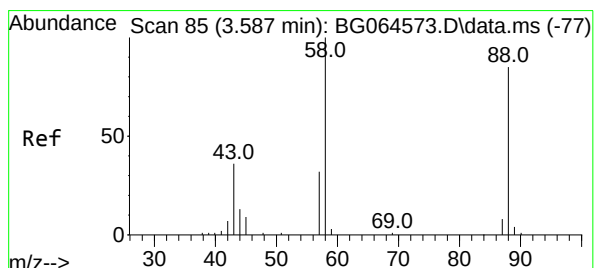
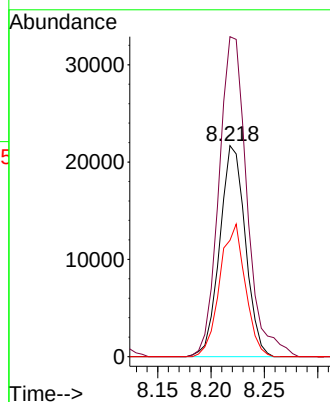
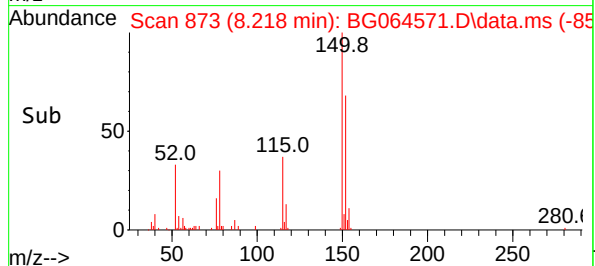
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:152 Resp: 36324
Ion Ratio Lower Upper
152 100
150 151.7 122.2 183.4
115 55.1 50.8 76.2

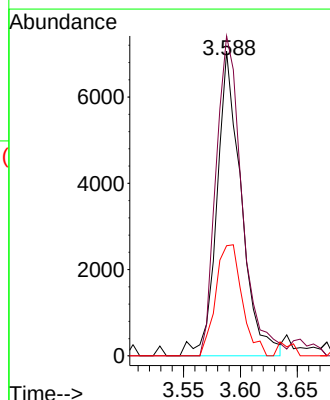
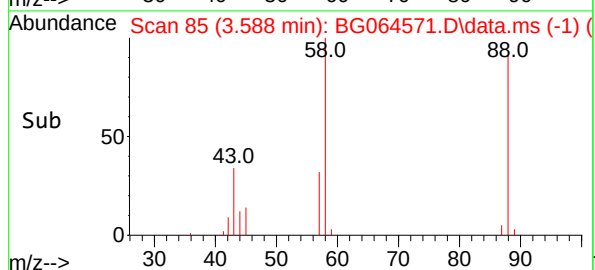
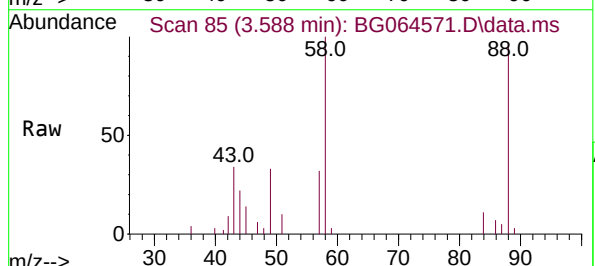
Manual Integrations
APPROVED

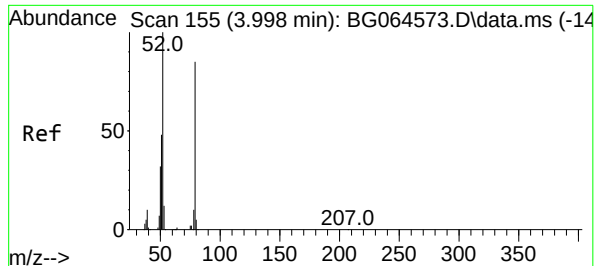
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#2
1,4-Dioxane
Concen: 11.006 ng
RT: 3.588 min Scan# 85
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

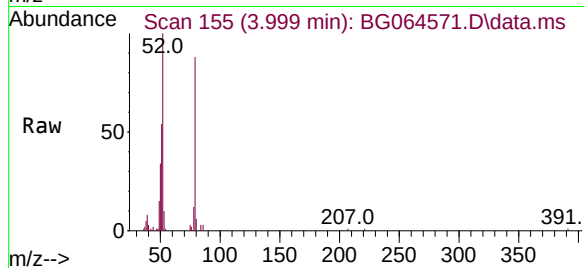
Tgt Ion: 88 Resp: 10545
Ion Ratio Lower Upper
88 100
58 112.0 92.4 138.6
43 39.4 33.0 49.6





#3
Pyridine
Concen: 10.148 ng
RT: 3.999 min Scan# 155
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

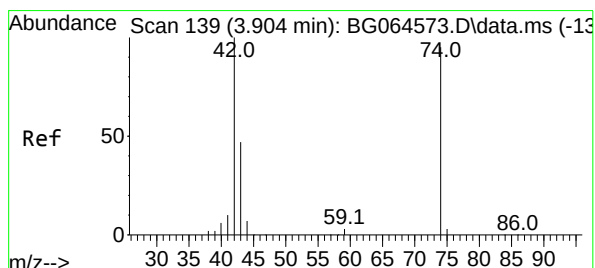
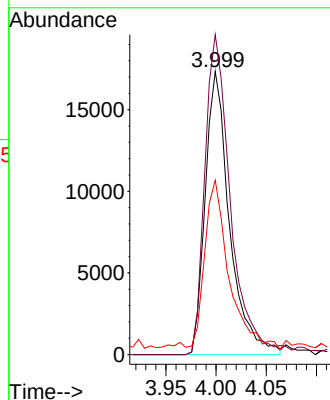
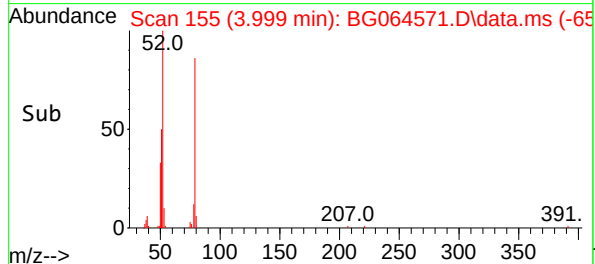
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion: 79 Resp: 29199
Ion Ratio Lower Upper
79 100
52 113.0 94.2 141.2
51 61.6 46.1 69.1

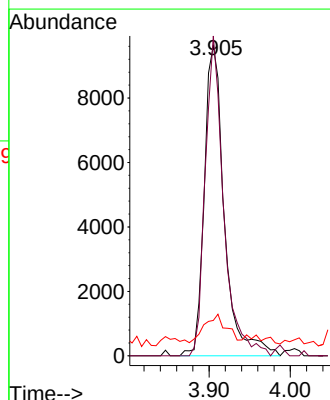
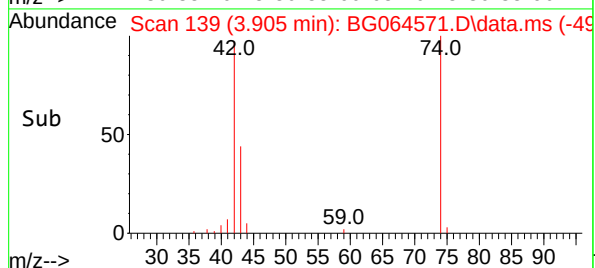
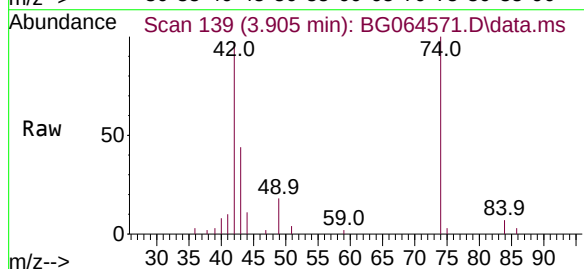
Manual Integrations
APPROVED

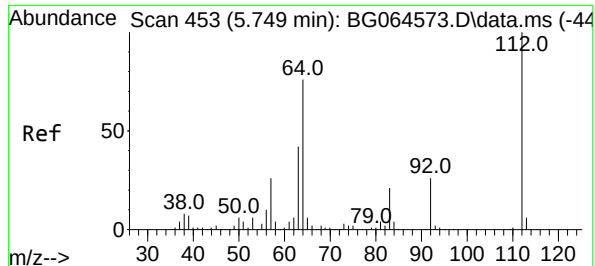
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#4
n-Nitrosodimethylamine
Concen: 10.733 ng
RT: 3.905 min Scan# 139
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

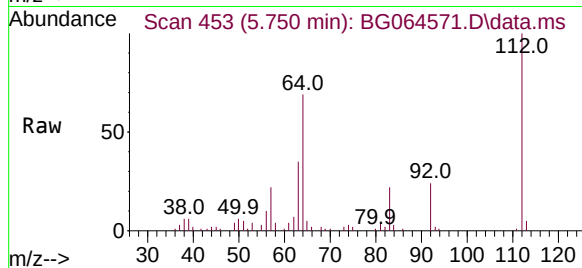
Tgt Ion: 42 Resp: 16561
Ion Ratio Lower Upper
42 100
74 103.1 76.1 114.1
44 11.4 6.3 9.5#





#5
2-Fluorophenol
Concen: 20.257 ng
RT: 5.750 min Scan# 453
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

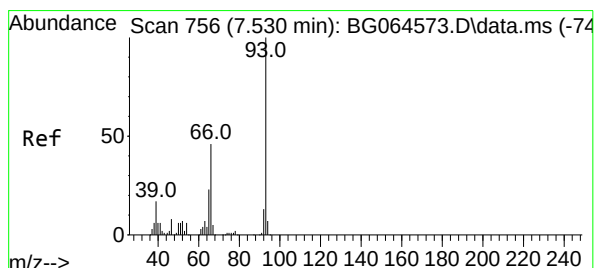
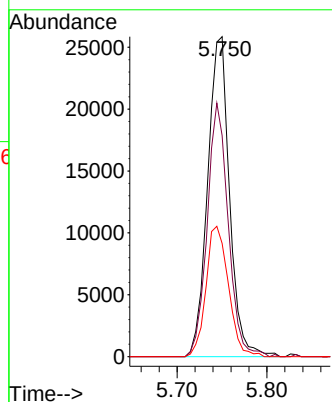
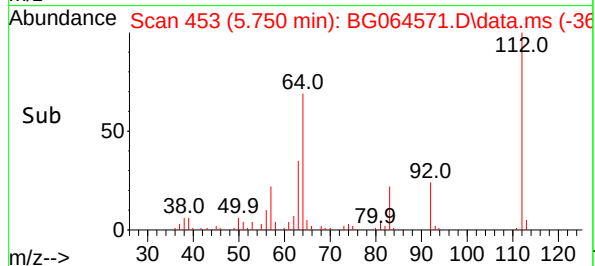
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion: 112 Resp: 4383
Ion Ratio Lower Upper
112 100
64 69.1 60.7 91.1
63 35.4 33.4 50.0

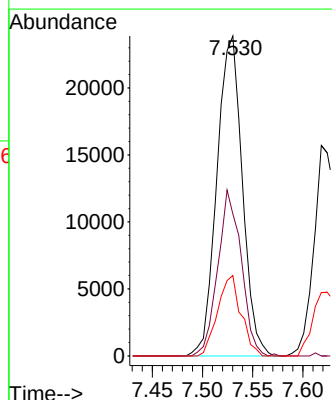
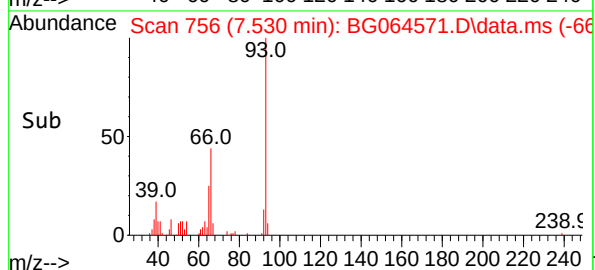
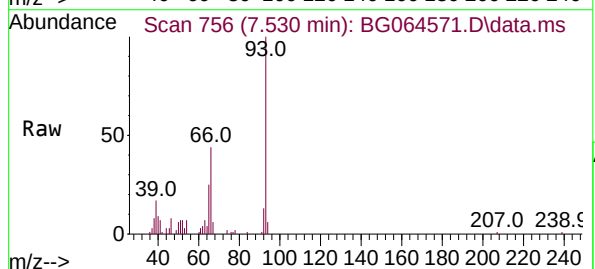
Manual Integrations
APPROVED

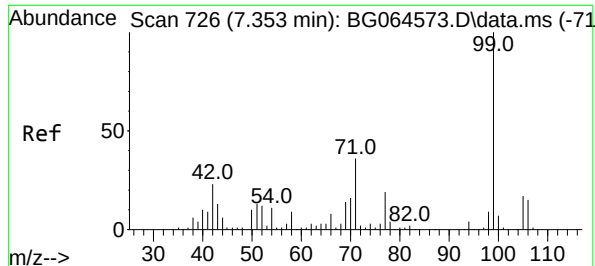
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#6
Aniline
Concen: 10.427 ng
RT: 7.530 min Scan# 756
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion: 93 Resp: 42134
Ion Ratio Lower Upper
93 100
66 44.4 37.0 55.6
65 25.1 18.3 27.5





#7

Phenol-d6

Concen: 20.233 ng

RT: 7.348 min Scan# 71

Delta R.T. -0.005 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

ClientSampleId :

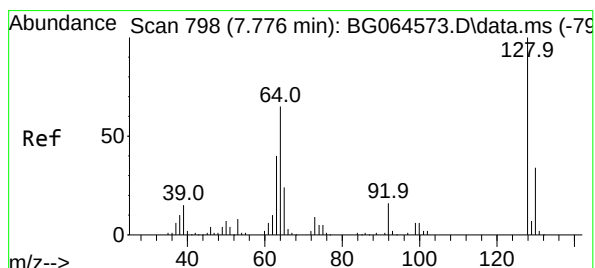
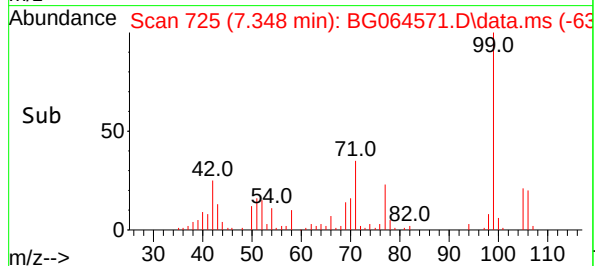
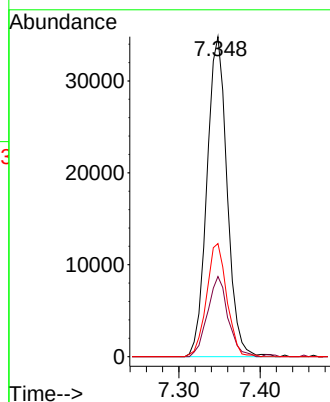
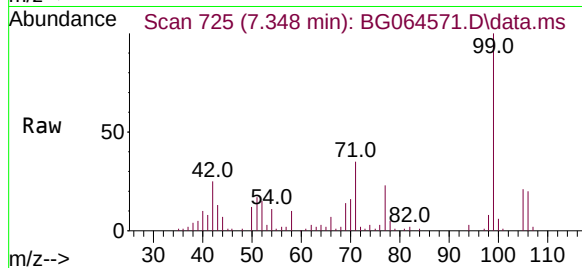
SSTDICC010

Tgt Ion:	99	Resp:	60084
Ion	Ratio	Lower	Upper
99	100		
42	25.0	18.3	27.5
71	35.3	28.6	43.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#8

2-Chlorophenol

Concen: 9.678 ng

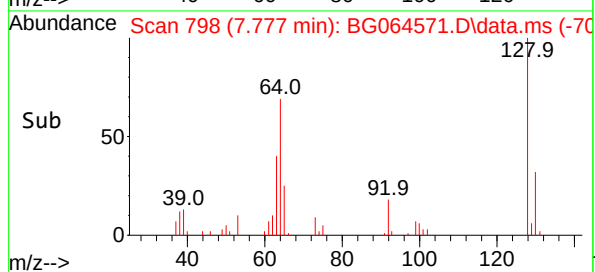
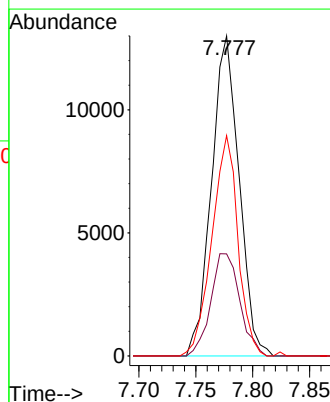
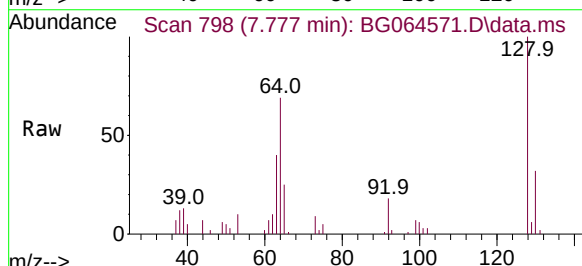
RT: 7.777 min Scan# 798

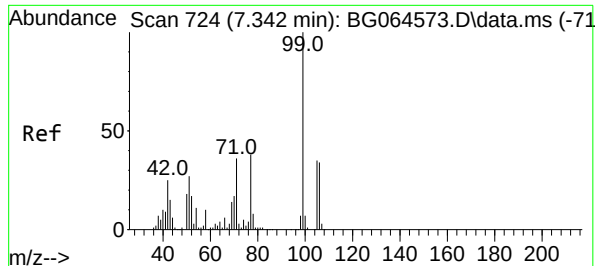
Delta R.T. 0.001 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Tgt Ion:	128	Resp:	21922
Ion	Ratio	Lower	Upper
128	100		
130	31.9	13.5	53.5
64	68.8	45.2	85.2





#9

Benzaldehyde

Concen: 10.558 ng

RT: 7.342 min Scan# 711

Delta R.T. 0.001 min

Lab File: BG064571.D

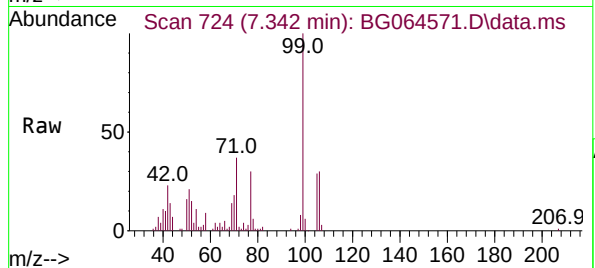
Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

ClientSampleId :

SSTDICC010



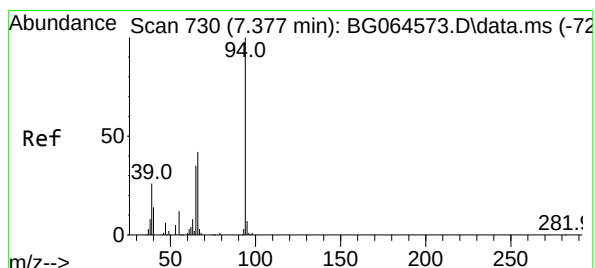
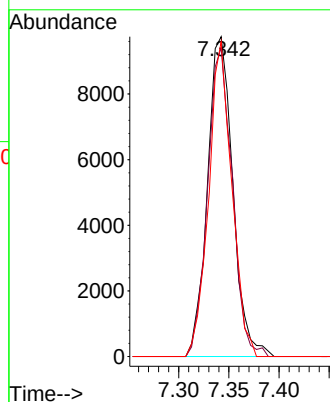
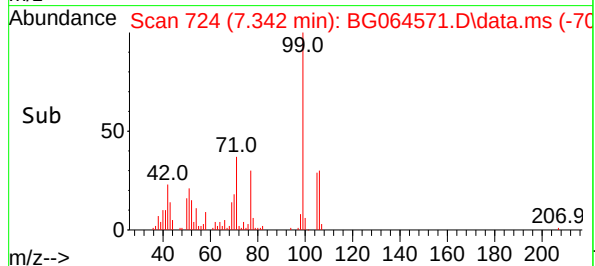
Tgt Ion:	77	Resp:	1711
Ion	Ratio	Lower	Upper
77	100		
105	96.5	72.9	112.9
106	98.4	70.8	110.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#10

Phenol

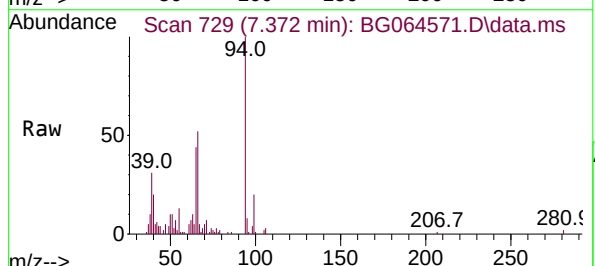
Concen: 10.066 ng

RT: 7.372 min Scan# 729

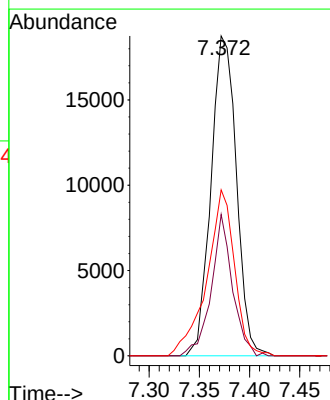
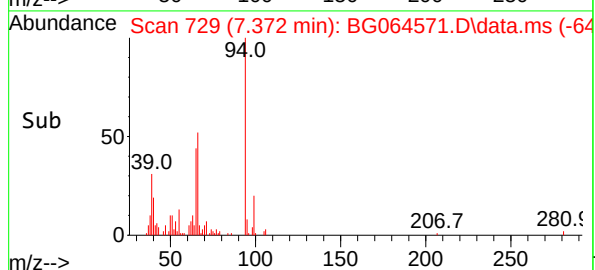
Delta R.T. -0.005 min

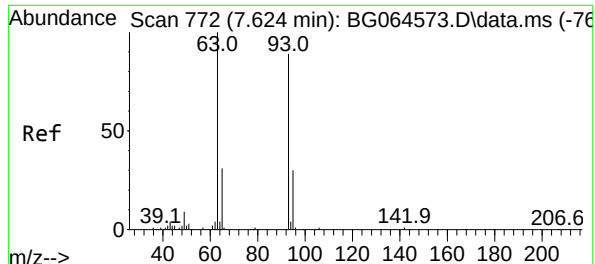
Lab File: BG064571.D

Acq: 24 Oct 2025 11:02



Tgt Ion:	94	Resp:	33058
Ion	Ratio	Lower	Upper
94	100		
65	44.2	15.8	55.8
66	51.9	24.0	64.0





#11

bis(2-Chloroethyl)ether

Concen: 10.600 ng

RT: 7.618 min Scan# 771

Delta R.T. -0.005 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

ClientSampleId :

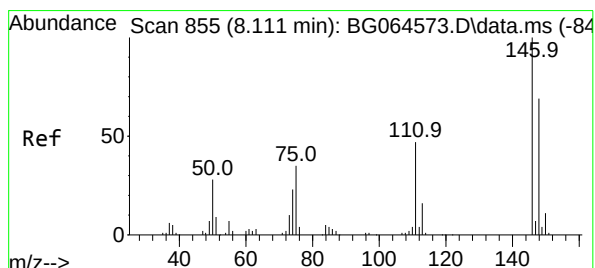
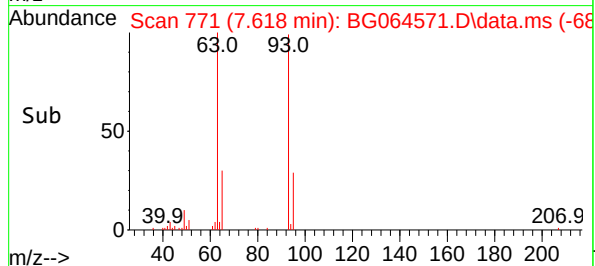
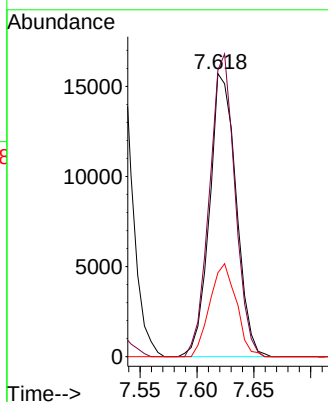
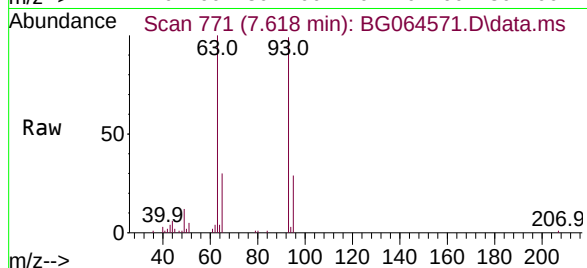
SSTDICC010

Tgt Ion: 93	Resp: 25594
Ion Ratio	Lower Upper
93	100
63	101.2 91.3 131.3
95	29.6 13.3 53.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#12

1,3-Dichlorobenzene

Concen: 10.562 ng

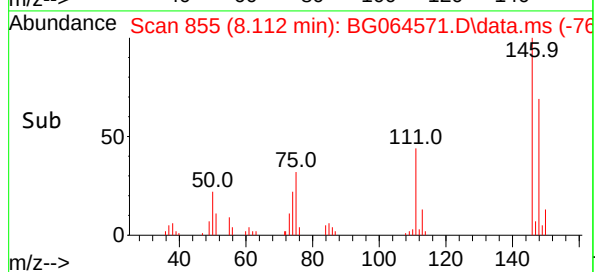
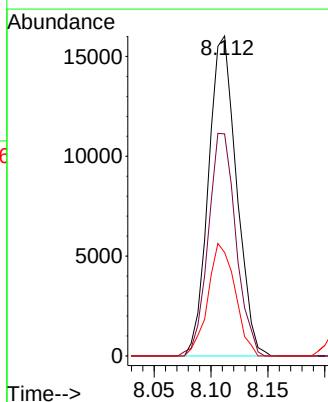
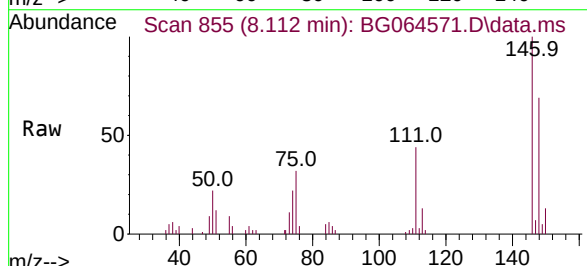
RT: 8.112 min Scan# 855

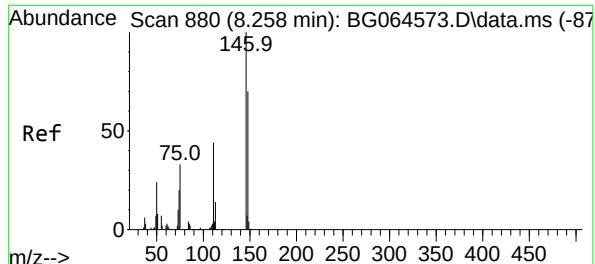
Delta R.T. 0.001 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Tgt Ion:146	Resp: 27537
Ion Ratio	Lower Upper
146	100
148	69.4 55.3 82.9
75	32.3 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 10.593 ng

RT: 8.253 min Scan# 81

Delta R.T. -0.005 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

ClientSampleId :

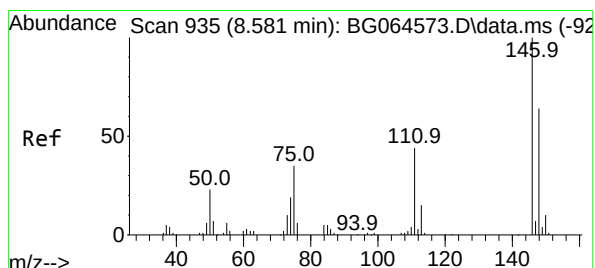
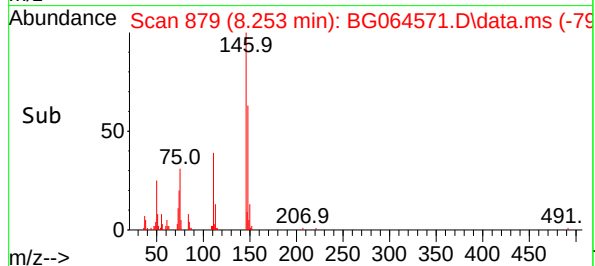
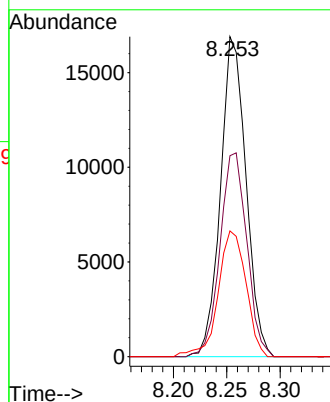
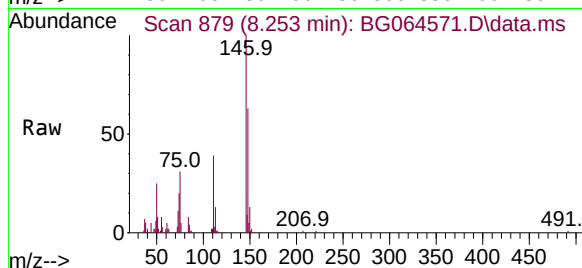
SSTDICC010

Tgt Ion	146	Resp	2808
Ion Ratio	Lower	Upper	
146	100		
148	62.8	56.2	84.4
111	39.3	35.4	53.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#14

1,2-Dichlorobenzene

Concen: 10.785 ng

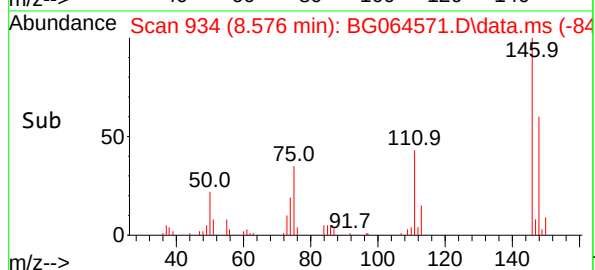
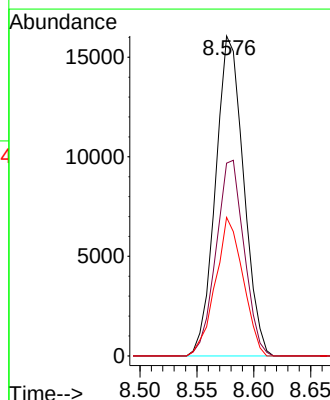
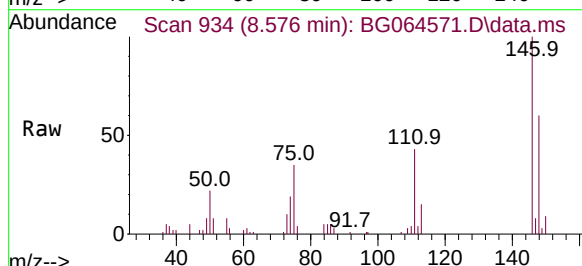
RT: 8.576 min Scan# 934

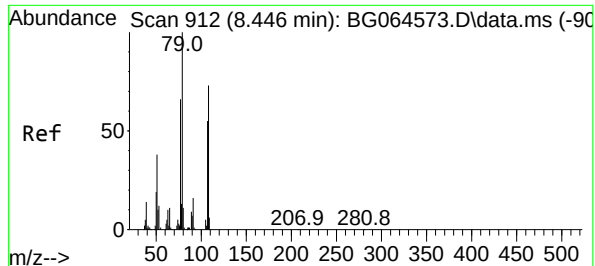
Delta R.T. -0.005 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Tgt Ion	146	Resp	27577
Ion Ratio	Lower	Upper	
146	100		
148	60.2	51.5	77.3
111	43.3	35.0	52.6





#15

Benzyl Alcohol

Concen: 9.500 ng

RT: 8.447 min Scan# 912

Delta R.T. 0.001 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion: 79 Resp: 23263

Ion Ratio Lower Upper

79 100

108 76.3 58.1 87.1

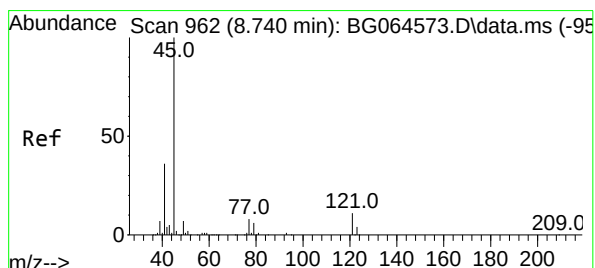
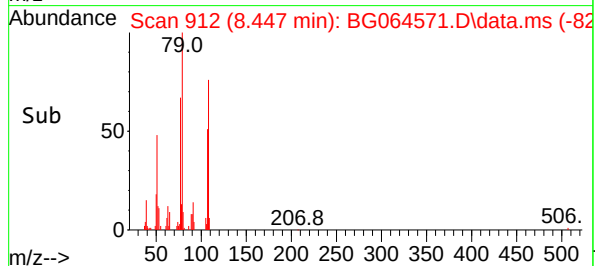
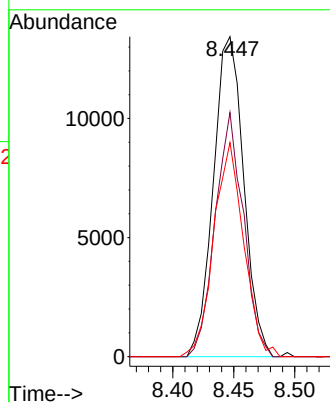
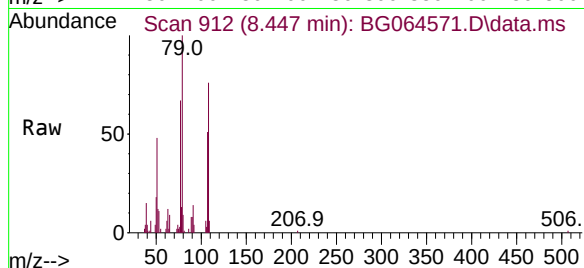
77 66.9 52.8 79.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.334 ng

RT: 8.741 min Scan# 962

Delta R.T. 0.001 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

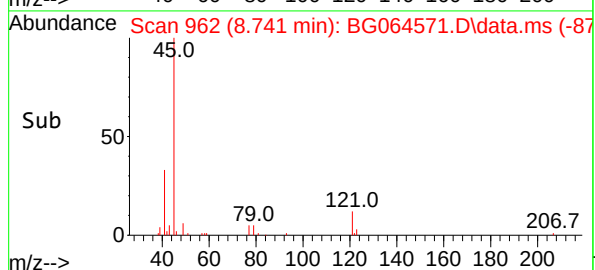
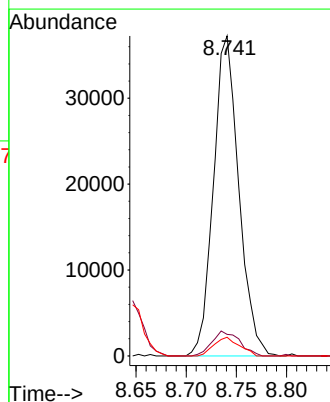
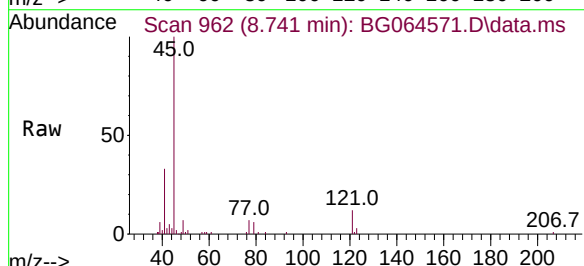
Tgt Ion: 45 Resp: 65452

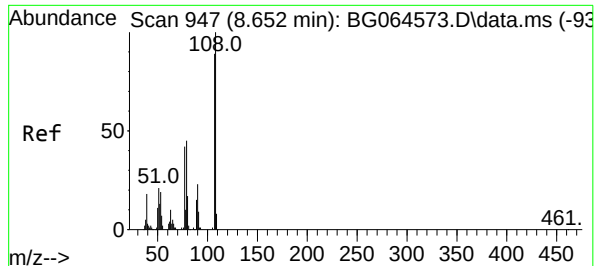
Ion Ratio Lower Upper

45 100

77 6.7 0.0 28.5

79 5.8 0.0 25.6





#17

2-Methylphenol

Concen: 10.206 ng

RT: 8.647 min Scan# 947

Delta R.T. -0.005 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:107 Resp: 22254

Ion Ratio Lower Upper

107 100

108 111.9 90.0 135.0

77 50.5 37.8 56.8

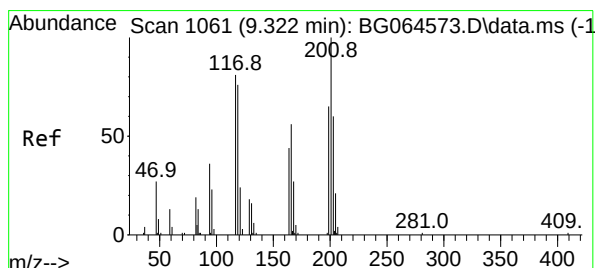
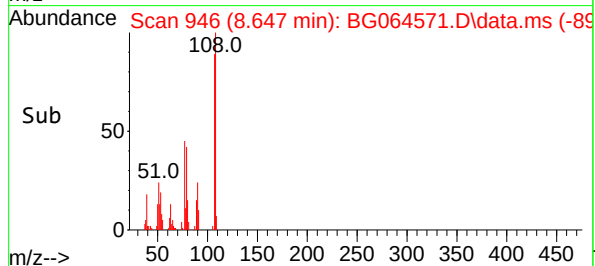
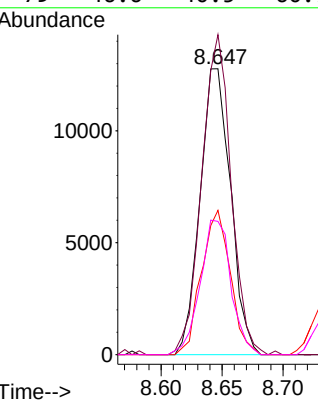
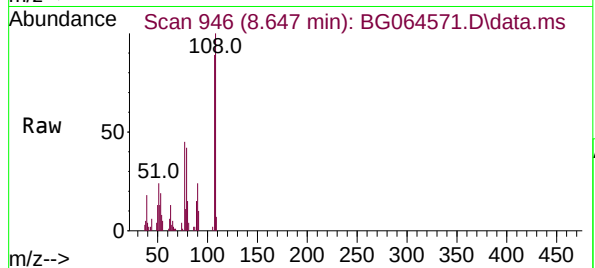
79 46.6 40.5 60.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#18

Hexachloroethane

Concen: 10.452 ng

RT: 9.322 min Scan# 1061

Delta R.T. 0.001 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

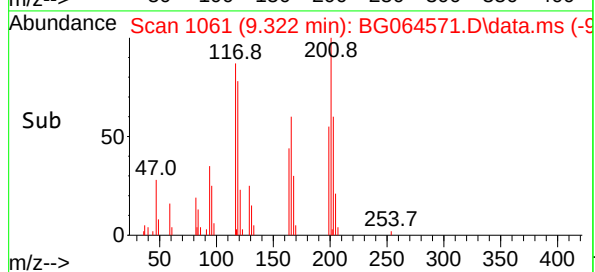
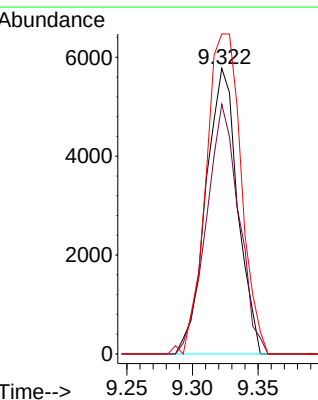
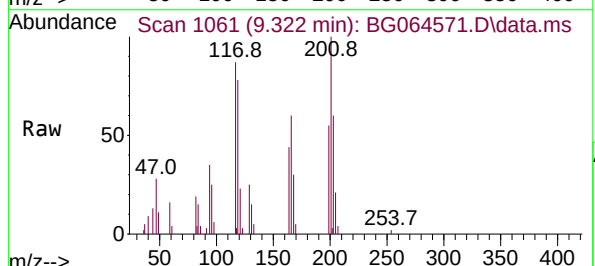
Tgt Ion:117 Resp: 9723

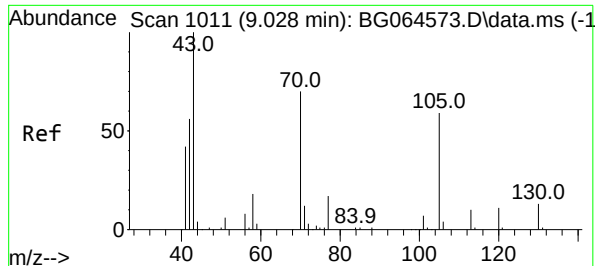
Ion Ratio Lower Upper

117 100

119 87.5 75.4 113.2

201 115.2 99.2 148.8





#19

n-Nitroso-di-n-propylamine

Concen: 10.098 ng

RT: 9.017 min Scan# 10

Delta R.T. -0.011 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 20724

Ion Ratio Lower Upper

70 100

42 80.3 65.2 97.8

101 7.6 7.9 11.9

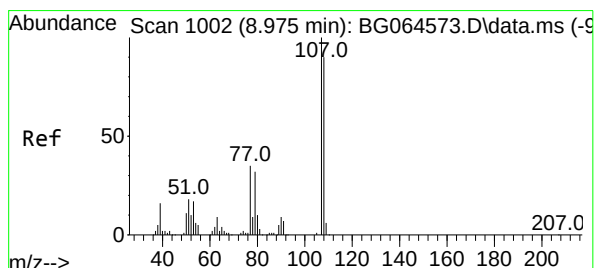
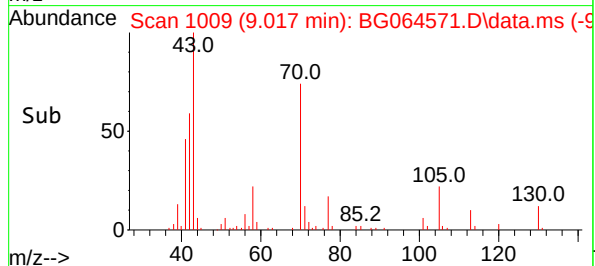
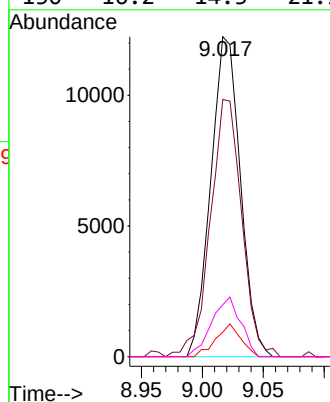
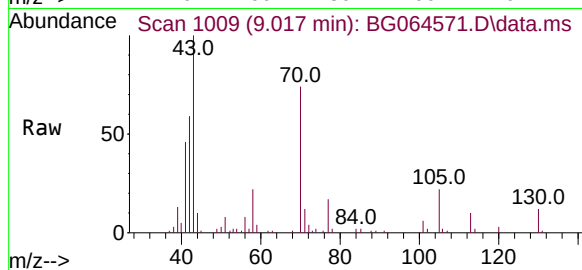
130 16.2 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#20

3+4-Methylphenols

Concen: 9.786 ng

RT: 8.970 min Scan# 1001

Delta R.T. -0.005 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Tgt Ion:107 Resp: 30009

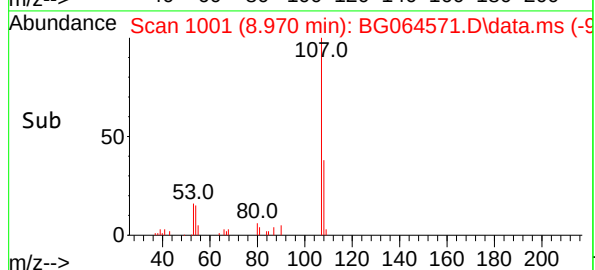
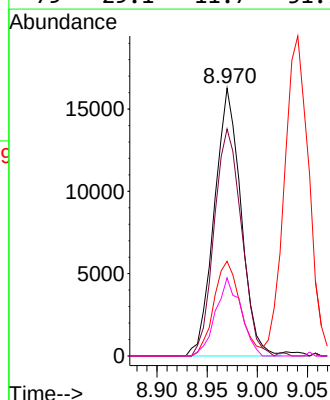
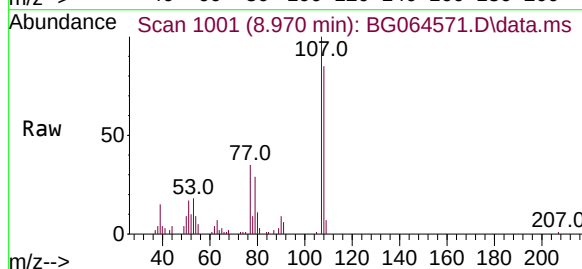
Ion Ratio Lower Upper

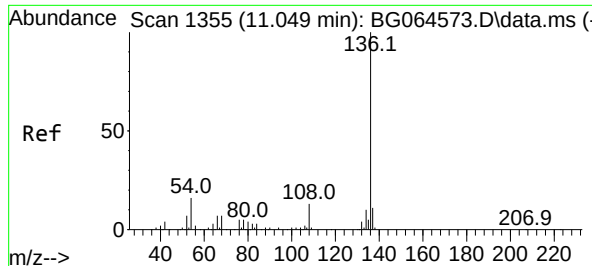
107 100

108 84.8 70.3 110.3

77 35.4 14.6 54.6

79 29.1 11.7 51.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.044 min Scan# 1355

Delta R.T. -0.005 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:136 Resp: 15162

Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 13.8 12.6 19.0

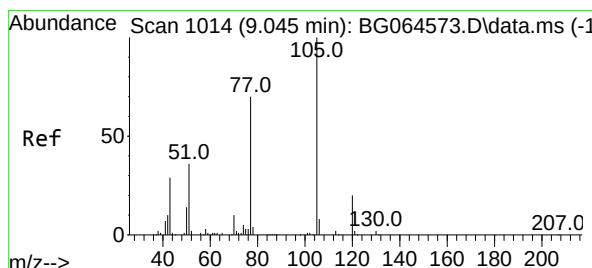
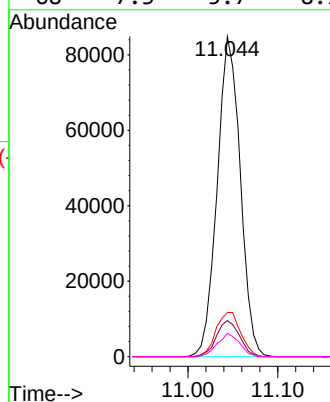
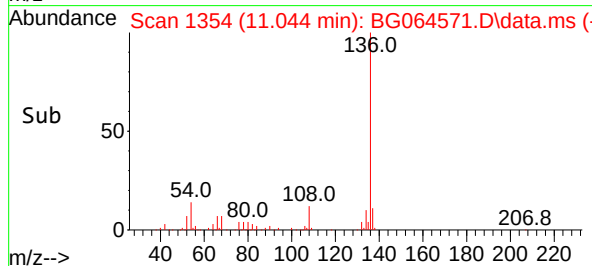
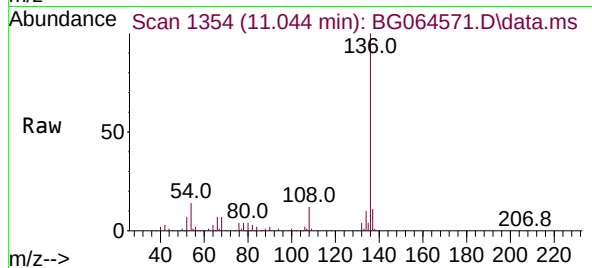
68 7.3 5.7 8.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#22

Acetophenone

Concen: 10.338 ng

RT: 9.040 min Scan# 1013

Delta R.T. -0.005 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Tgt Ion:105 Resp: 42851

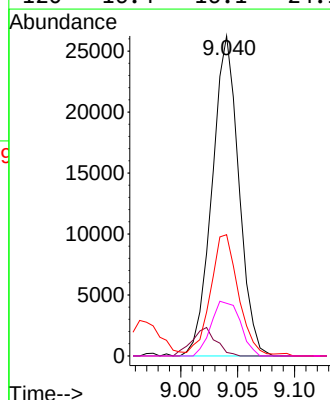
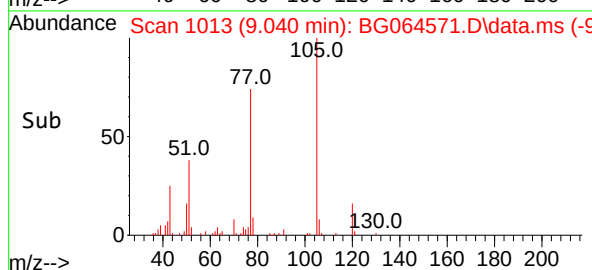
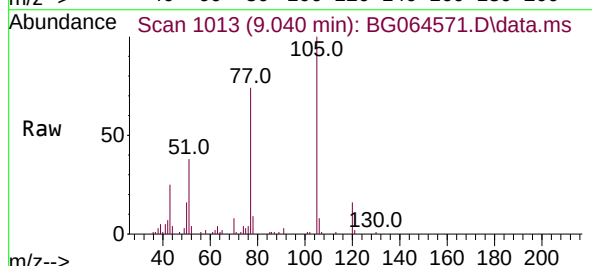
Ion Ratio Lower Upper

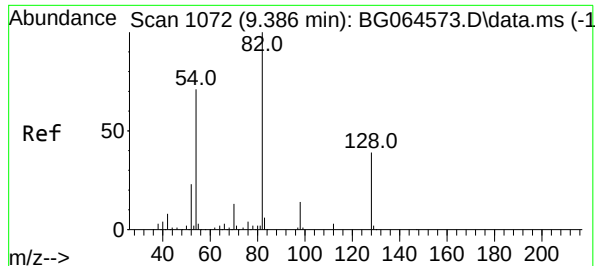
105 100

71 1.1 1.5 2.3#

51 37.9 33.7 50.5

120 16.4 16.1 24.1





#23

Nitrobenzene-d5

Concen: 17.182 ng

RT: 9.381 min Scan# 1072

Delta R.T. -0.005 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion: 82 Resp: 43376

Ion Ratio Lower Upper

82 100

128 37.2 31.3 46.9

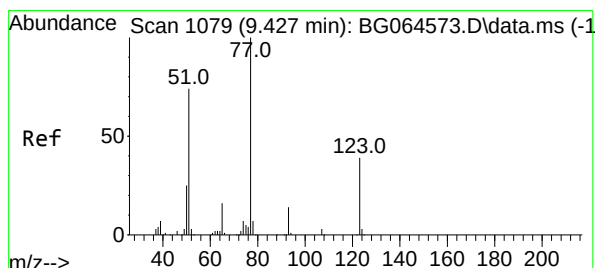
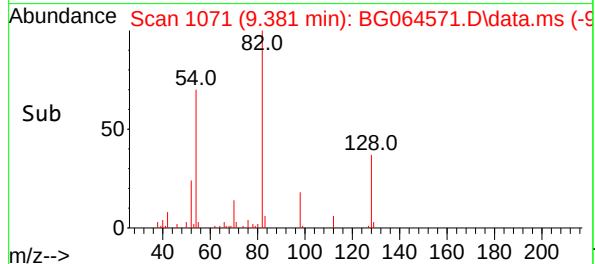
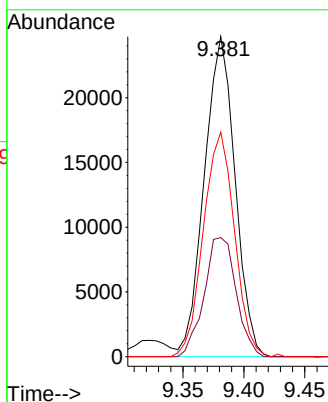
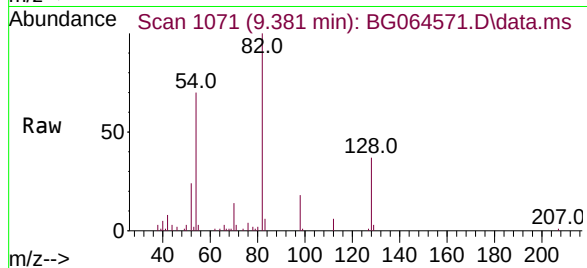
54 70.1 56.6 84.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#24

Nitrobenzene

Concen: 8.602 ng

RT: 9.422 min Scan# 1078

Delta R.T. -0.005 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

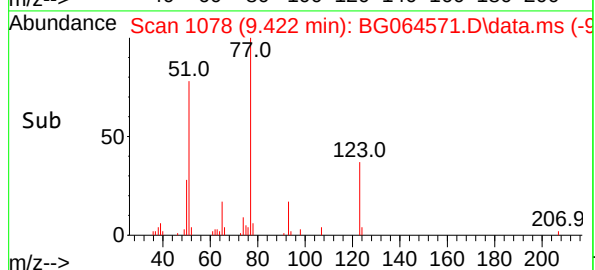
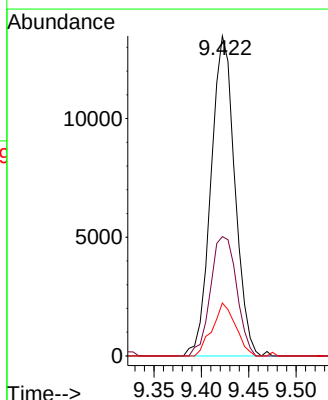
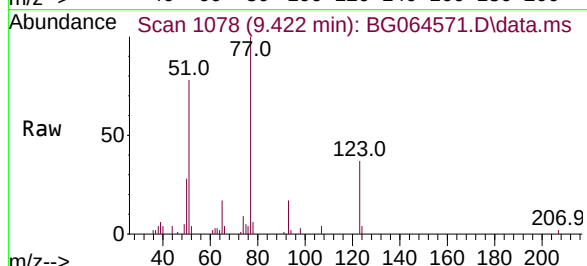
Tgt Ion: 77 Resp: 23618

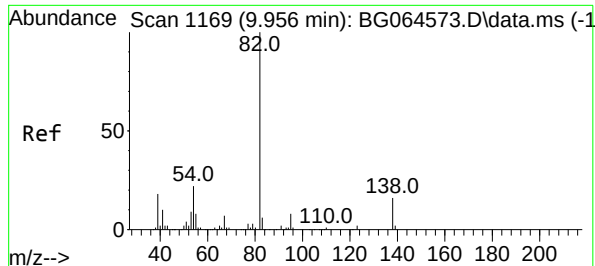
Ion Ratio Lower Upper

77 100

123 37.3 31.0 46.6

65 16.5 12.7 19.1





#25

Isophorone

Concen: 9.962 ng

RT: 9.951 min Scan# 1168

Delta R.T. -0.005 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

ClientSampleId :

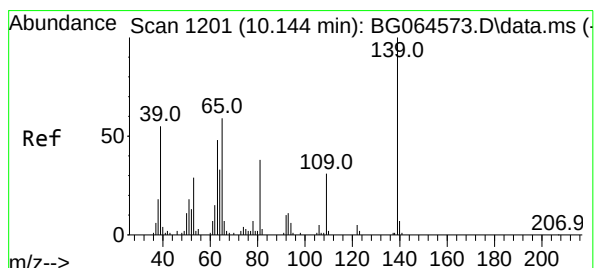
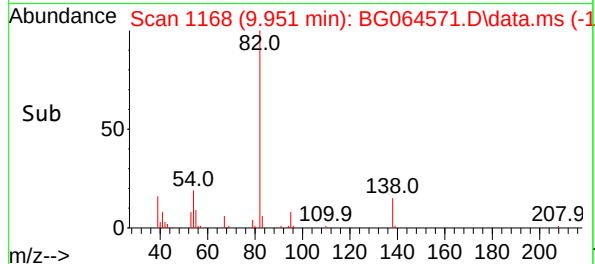
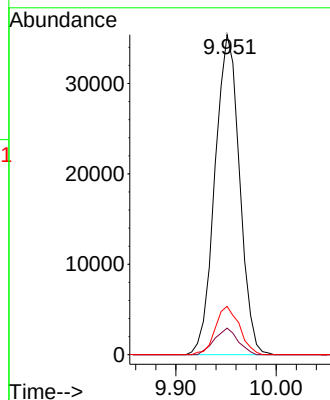
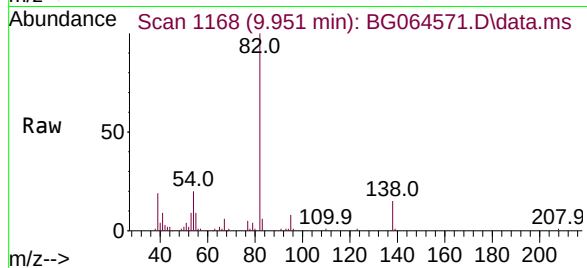
SSTDICC010

Tgt Ion:	82	Resp:	6034
Ion Ratio	Lower	Upper	
82	100		
95	8.3	6.1	9.1
138	15.1	13.0	19.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#26

2-Nitrophenol

Concen: 9.491 ng

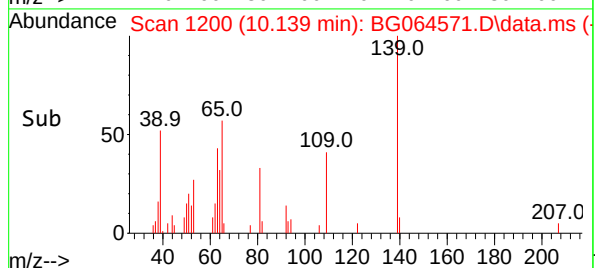
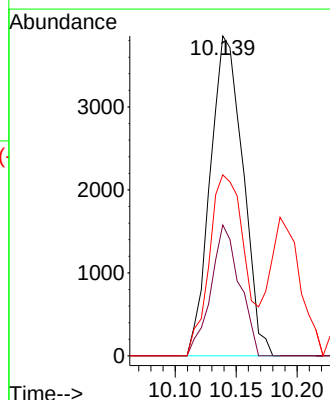
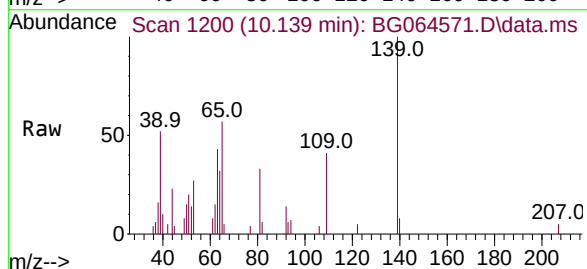
RT: 10.139 min Scan# 1200

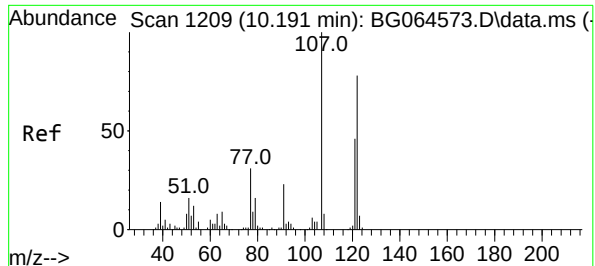
Delta R.T. -0.005 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

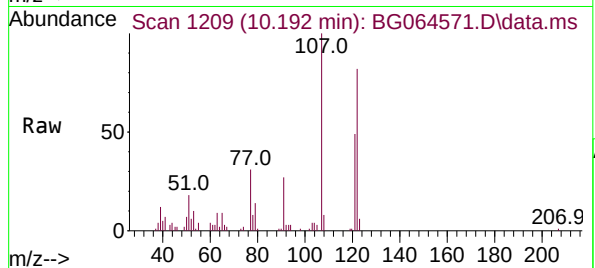
Tgt Ion:	139	Resp:	7208
Ion Ratio	Lower	Upper	
139	100		
109	40.9	24.6	37.0
65	56.6	47.5	71.3





#27
2,4-Dimethylphenol
Concen: 9.879 ng
RT: 10.192 min Scan# 1209
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

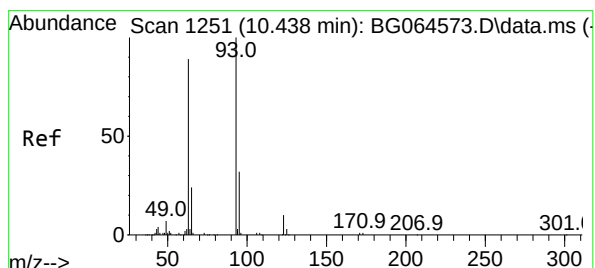
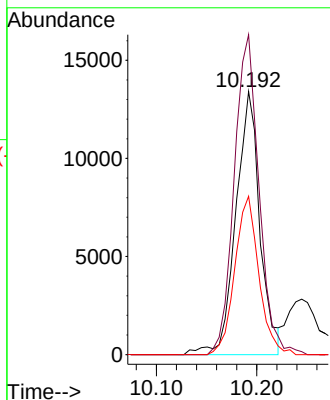
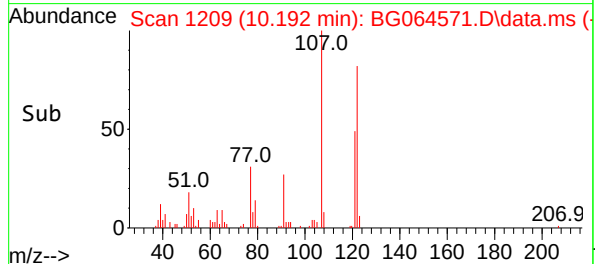
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:122 Resp: 22259
Ion Ratio Lower Upper
122 100
107 121.6 103.0 154.4
121 60.2 47.8 71.8

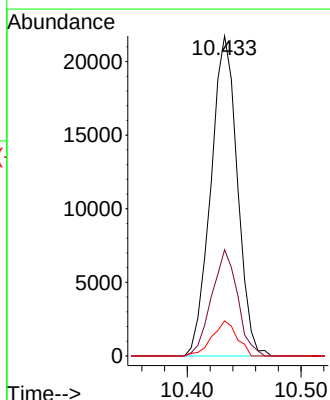
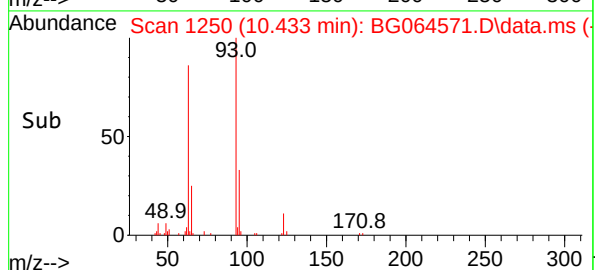
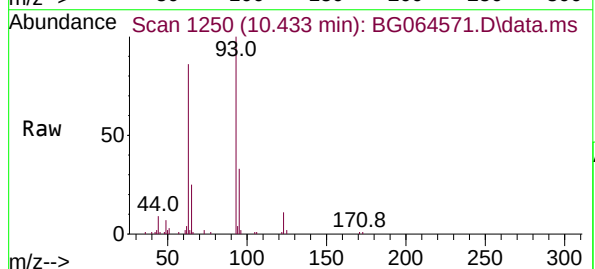
Manual Integrations
APPROVED

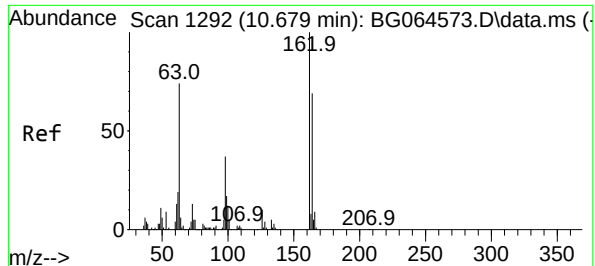
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#28
bis(2-Chloroethoxy)methane
Concen: 10.197 ng
RT: 10.433 min Scan# 1250
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

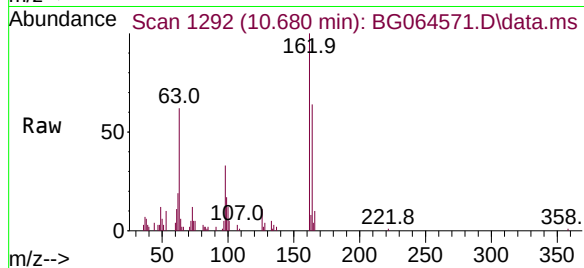
Tgt Ion: 93 Resp: 35170
Ion Ratio Lower Upper
93 100
95 33.2 25.4 38.2
123 11.0 8.4 12.6





#29
2,4-Dichlorophenol
Concen: 9.338 ng
RT: 10.680 min Scan# 1292
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

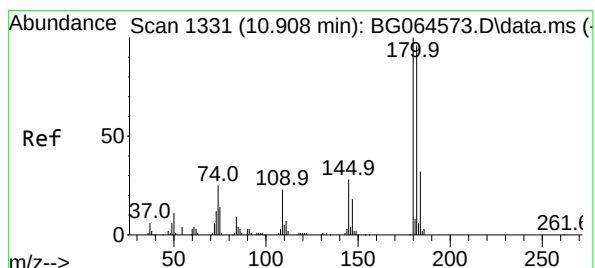
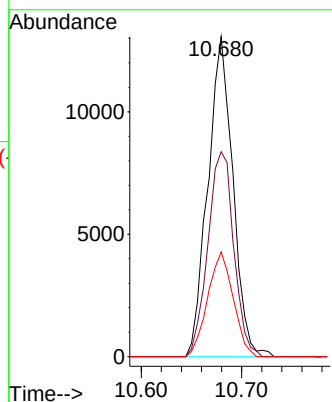
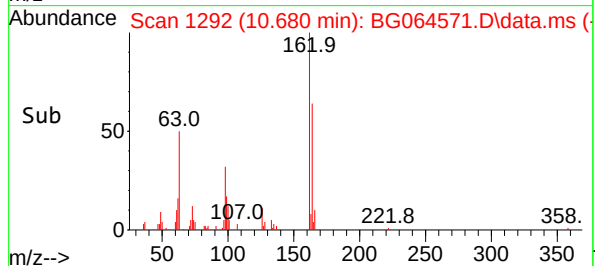
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:162 Resp: 22643
Ion Ratio Lower Upper
162 100
164 64.0 48.7 88.7
98 32.7 16.9 56.9

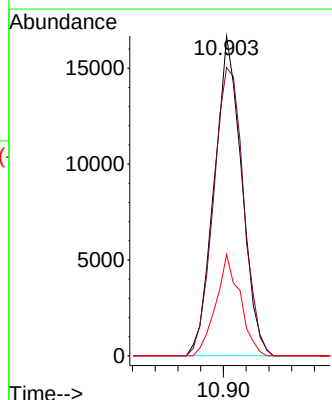
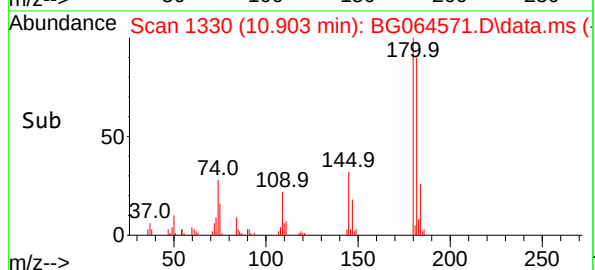
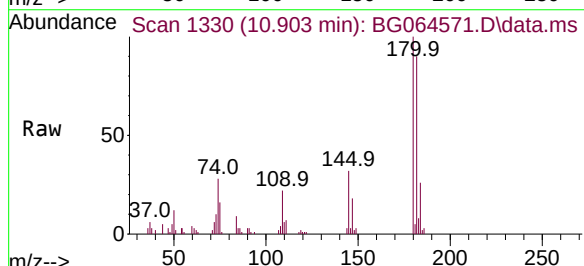
Manual Integrations
APPROVED

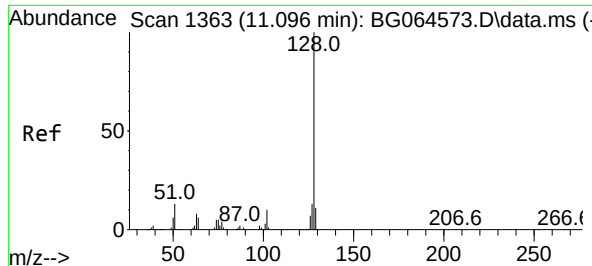
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#30
1,2,4-Trichlorobenzene
Concen: 10.143 ng
RT: 10.903 min Scan# 1330
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

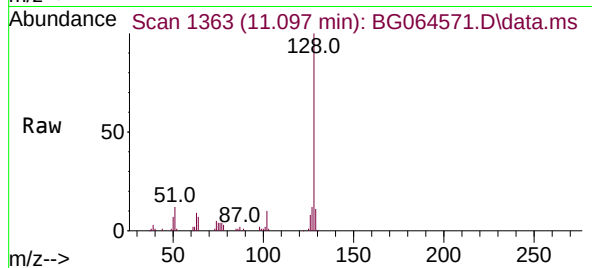
Tgt Ion:180 Resp: 27947
Ion Ratio Lower Upper
180 100
182 90.1 76.9 115.3
145 31.7 22.1 33.1





#31
Naphthalene
Concen: 10.319 ng
RT: 11.097 min Scan# 1363
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

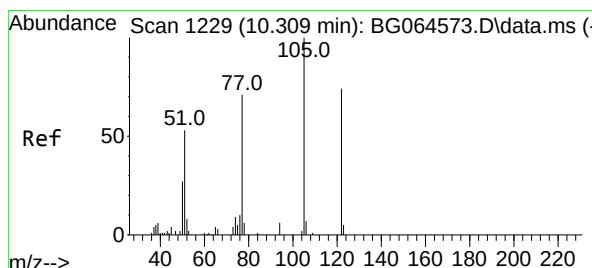
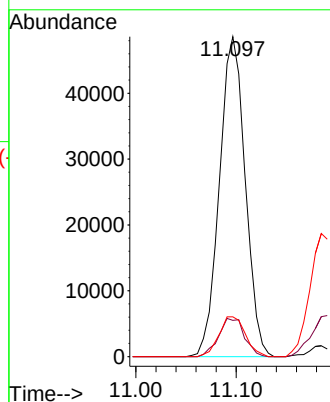
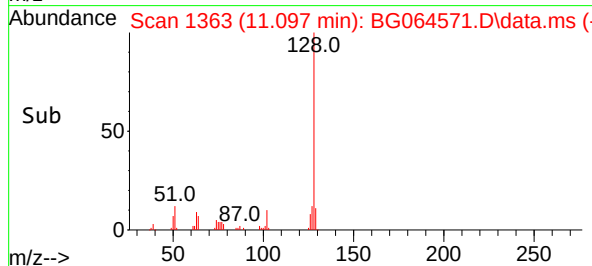
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:128 Resp: 86750
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 12.4 10.6 15.8

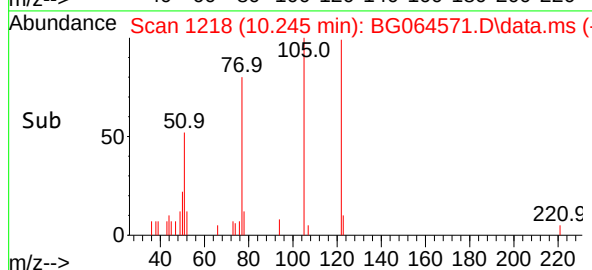
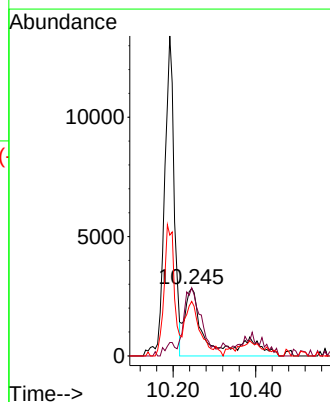
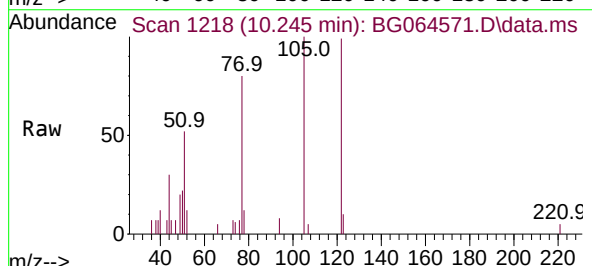
Manual Integrations
APPROVED

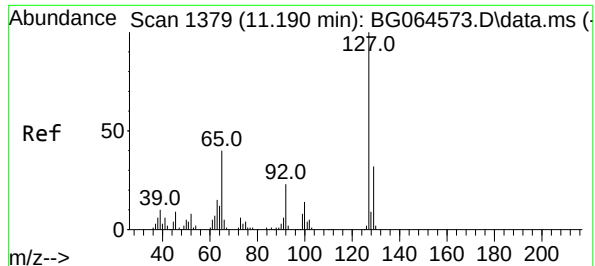
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#32
Benzoic acid
Concen: 10.637 ng m
RT: 10.245 min Scan# 1218
Delta R.T. -0.064 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

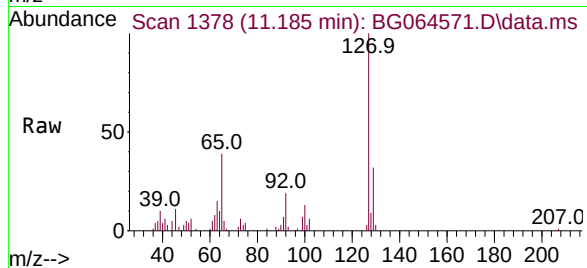
Tgt Ion:122 Resp: 10748
Ion Ratio Lower Upper
122 100
105 100.8 104.2 144.2#
77 80.6 70.2 110.2





#33
4-Chloroaniline
Concen: 10.583 ng
RT: 11.185 min Scan# 1379
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

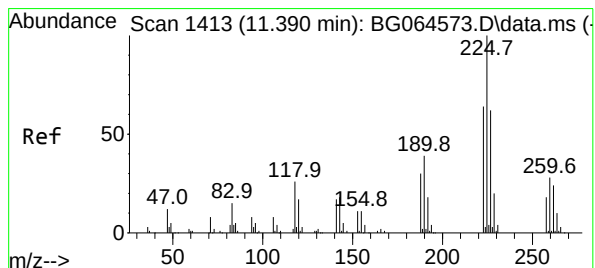
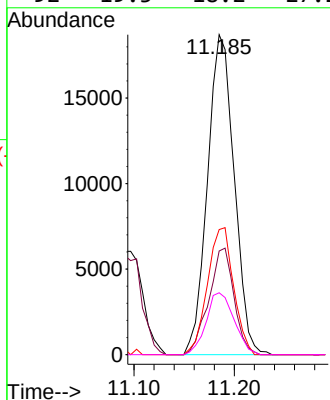
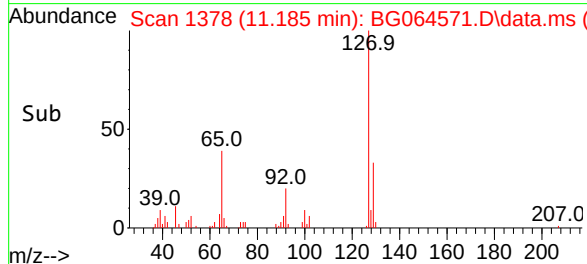
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:127 Resp: 34581
Ion Ratio Lower Upper
127 100
129 32.4 25.5 38.3
65 39.1 32.2 48.4
92 19.3 18.2 27.2

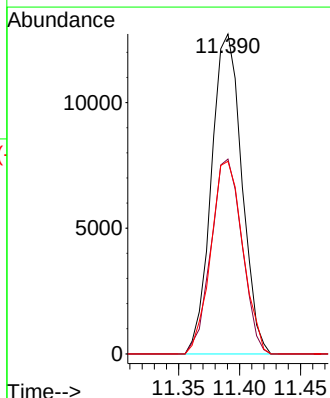
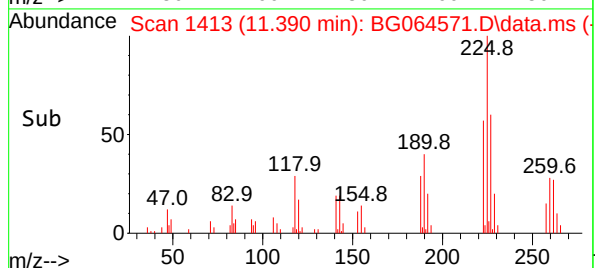
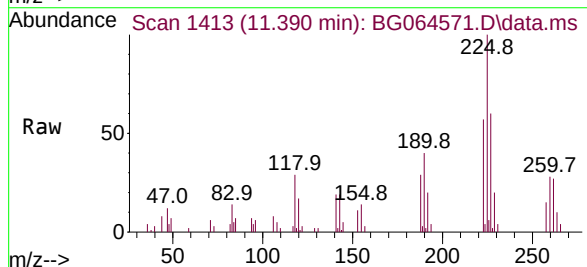
Manual Integrations
APPROVED

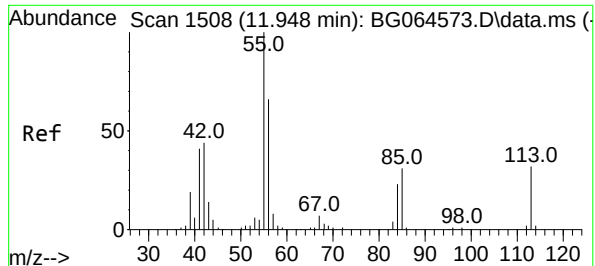
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#34
Hexachlorobutadiene
Concen: 10.256 ng
RT: 11.390 min Scan# 1413
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

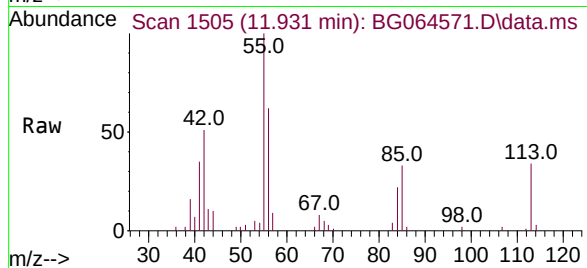
Tgt Ion:225 Resp: 22099
Ion Ratio Lower Upper
225 100
223 57.6 48.8 73.2
227 57.0 49.5 74.3





#35
Caprolactam
Concen: 9.162 ng
RT: 11.931 min Scan# 11
Delta R.T. -0.017 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

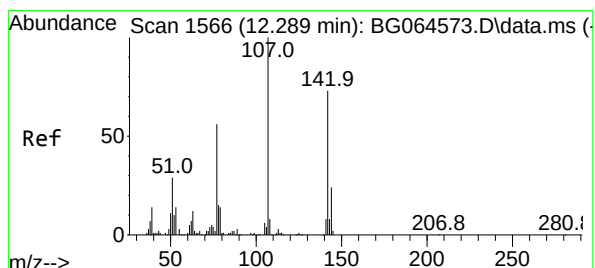
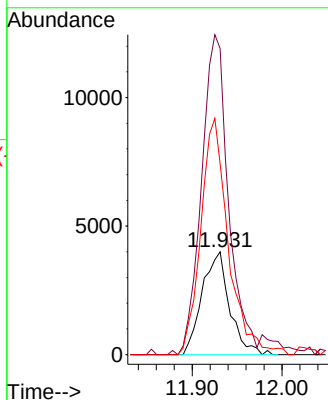
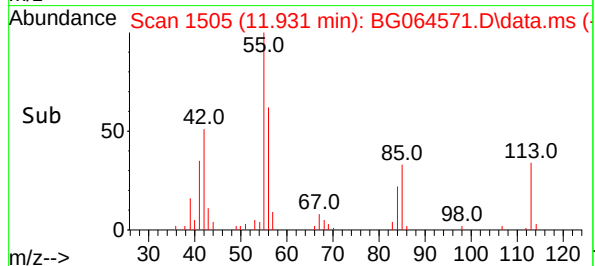
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:113 Resp: 852
Ion Ratio Lower Upper
113 100
55 297.7 290.1 330.1
56 185.5 183.8 223.8

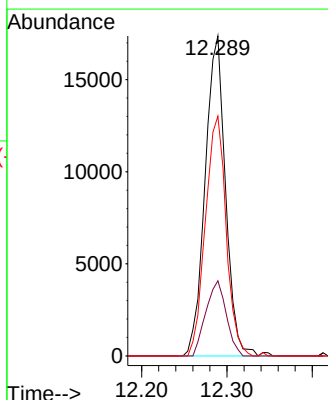
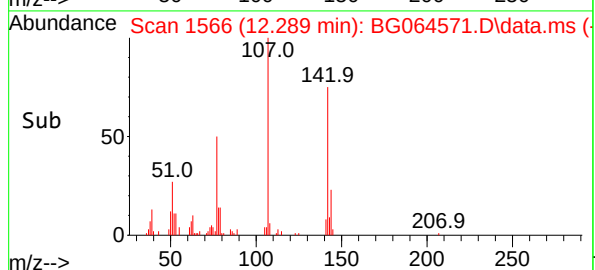
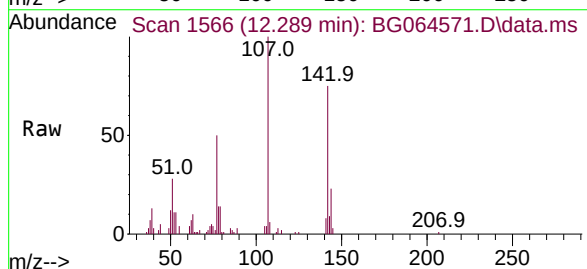
Manual Integrations
APPROVED

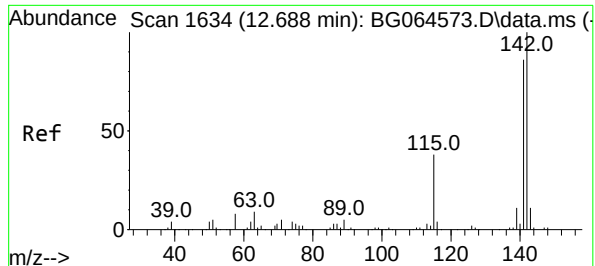
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#36
4-Chloro-3-methylphenol
Concen: 9.916 ng
RT: 12.289 min Scan# 1566
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

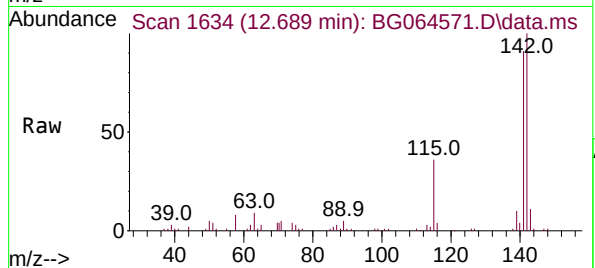
Tgt Ion:107 Resp: 28904
Ion Ratio Lower Upper
107 100
144 23.5 19.1 28.7
142 74.9 58.6 87.8





#37
2-Methylnaphthalene
Concen: 10.543 ng
RT: 12.689 min Scan# 1634
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

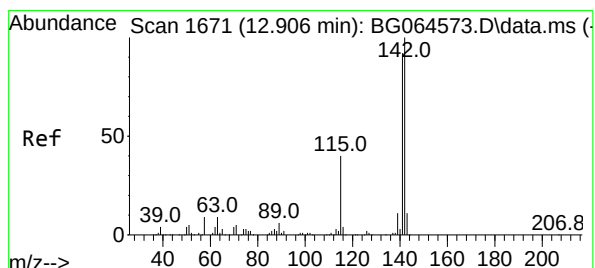
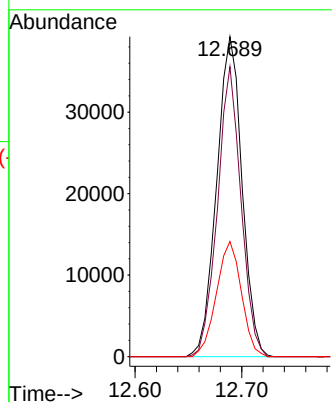
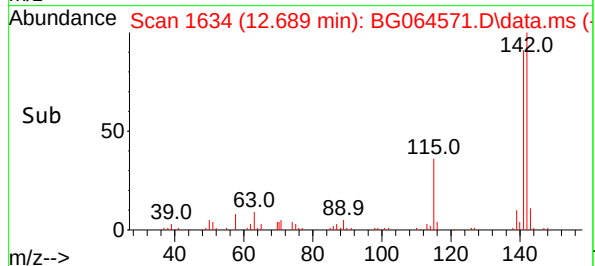
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



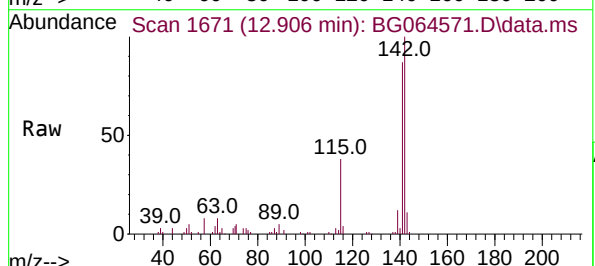
Tgt Ion:142 Resp: 65070
Ion Ratio Lower Upper
142 100
141 90.6 68.9 103.3
115 36.0 30.6 46.0

Manual Integrations
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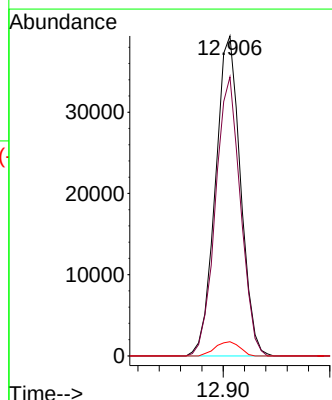
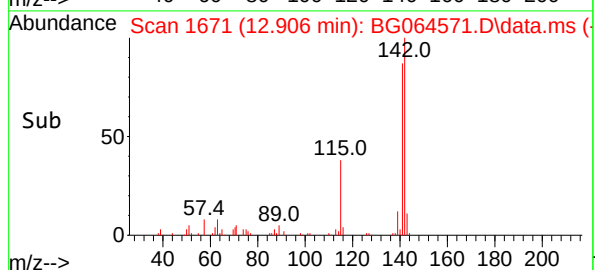
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

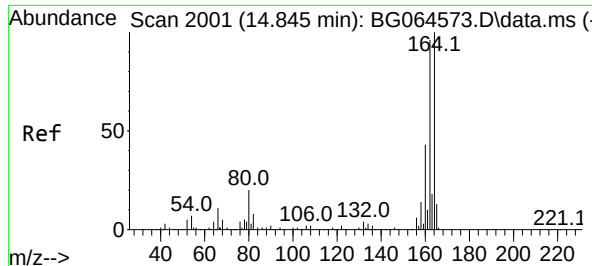


#38
1-Methylnaphthalene
Concen: 10.540 ng
RT: 12.906 min Scan# 1671
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02



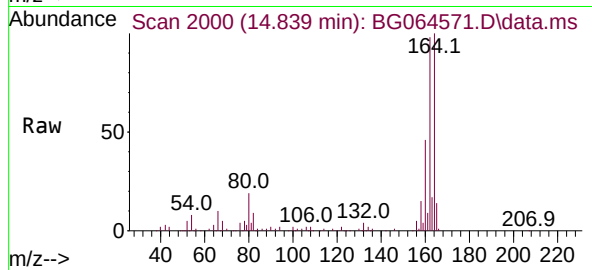
Tgt Ion:142 Resp: 64384
Ion Ratio Lower Upper
142 100
141 87.2 73.3 109.9
116 4.4 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.839 min Scan# 2001
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

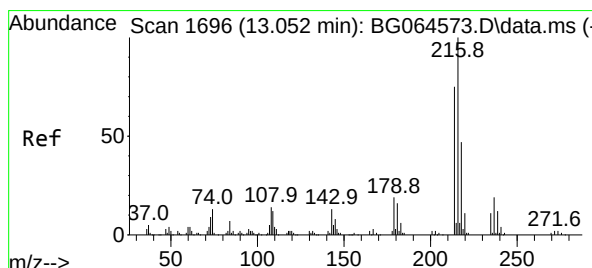
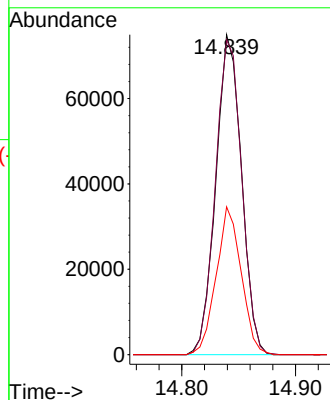
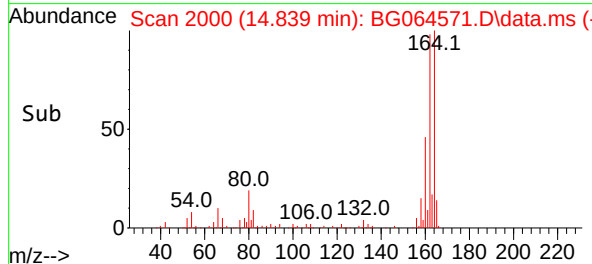
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:164 Resp: 117618
Ion Ratio Lower Upper
164 100
162 98.4 77.0 115.6
160 46.2 34.4 51.6

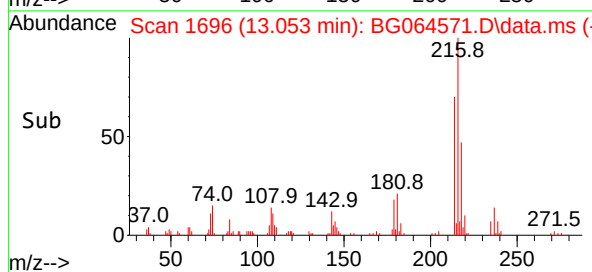
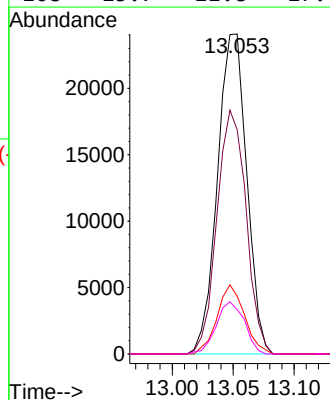
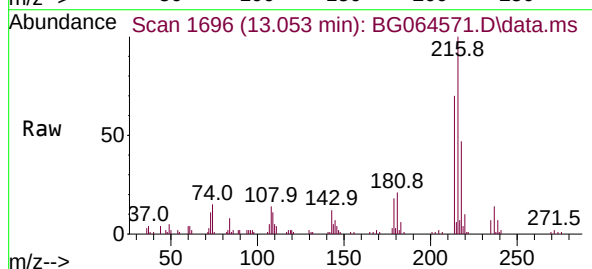
Manual Integrations
APPROVED

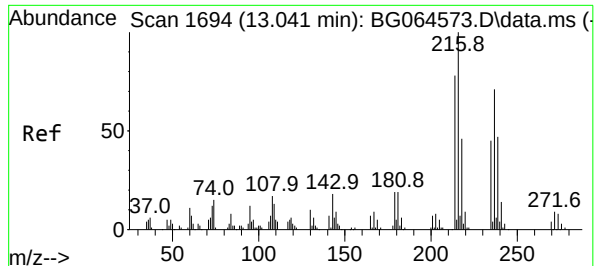
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.197 ng
RT: 13.053 min Scan# 1696
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

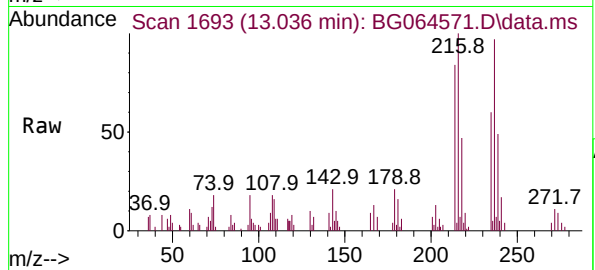
Tgt Ion:216 Resp: 40253
Ion Ratio Lower Upper
216 100
214 75.7 61.4 92.2
179 20.2 15.4 23.0
108 15.7 11.8 17.6





#41
Hexachlorocyclopentadiene
Concen: 8.855 ng
RT: 13.036 min Scan# 1693
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

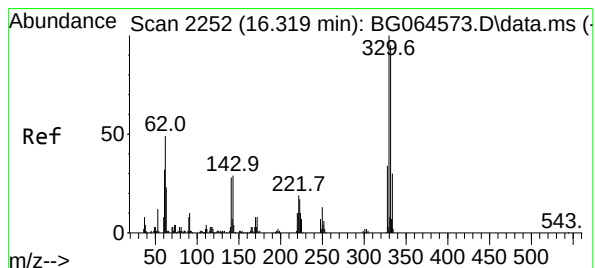
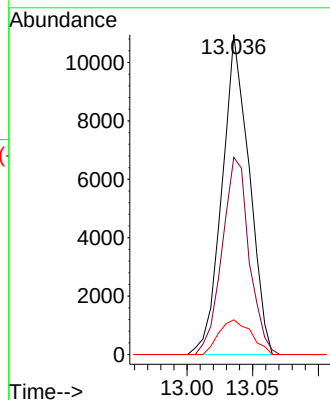
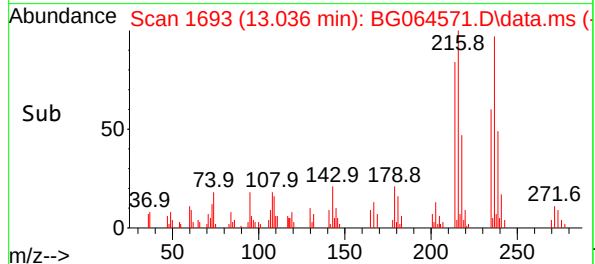
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:237 Resp: 15733
Ion Ratio Lower Upper
237 100
235 61.6 44.1 84.1
272 10.9 0.0 32.4

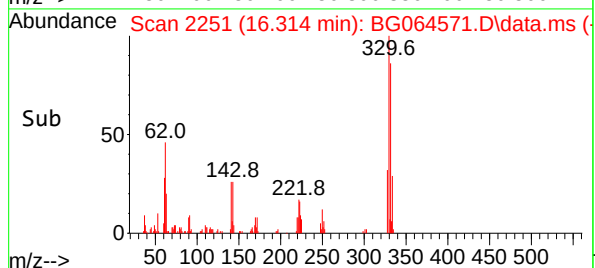
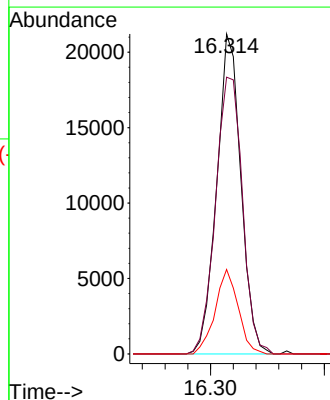
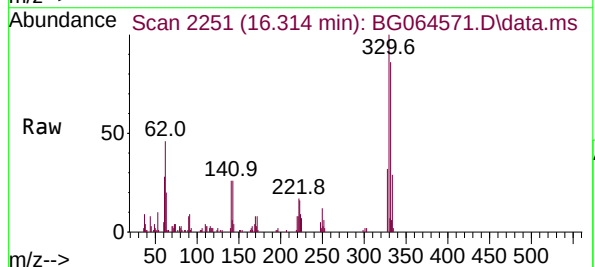
Manual Integrations
APPROVED

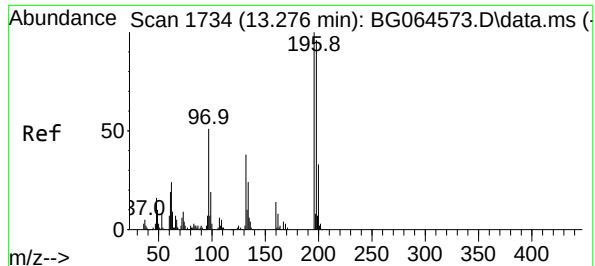
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#42
2,4,6-Tribromophenol
Concen: 18.400 ng
RT: 16.314 min Scan# 2251
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:330 Resp: 31236
Ion Ratio Lower Upper
330 100
332 96.5 78.0 117.0
141 25.2 21.8 32.6





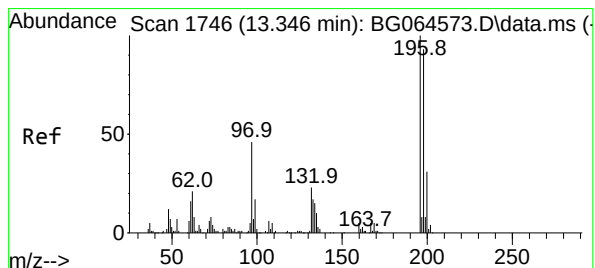
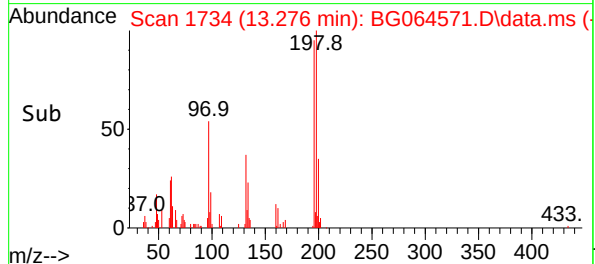
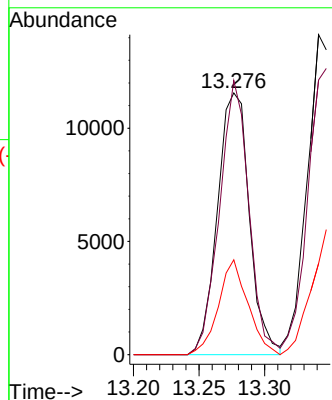
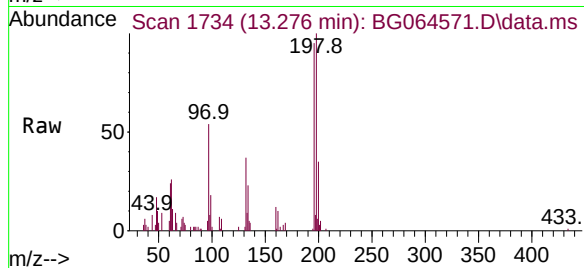
#43
2,4,6-Trichlorophenol
Concen: 8.673 ng
RT: 13.276 min Scan# 1734
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:196 Resp: 19584
Ion Ratio Lower Upper
196 100
198 104.8 76.6 115.0
200 36.2 26.0 39.0

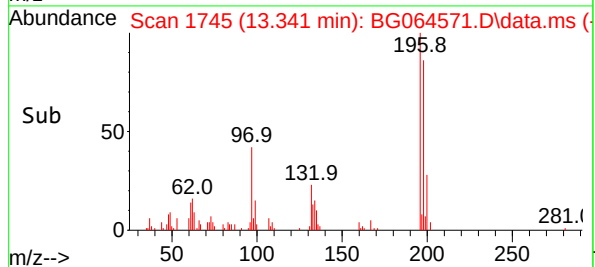
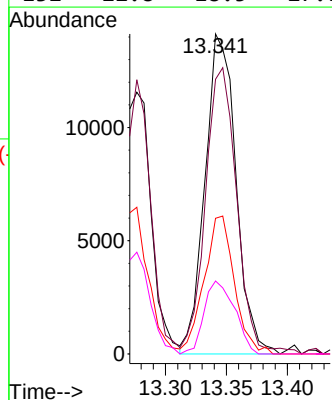
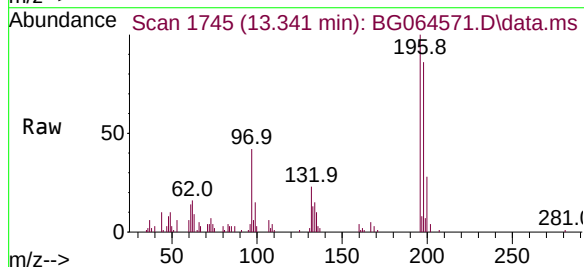
Manual Integrations
APPROVED

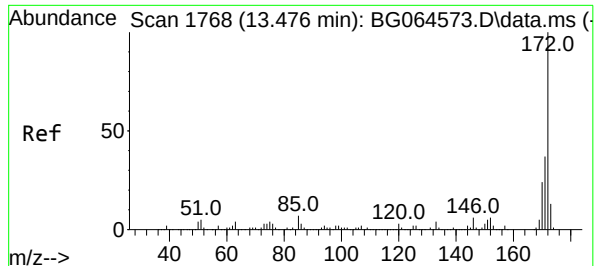
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#44
2,4,5-Trichlorophenol
Concen: 9.584 ng
RT: 13.341 min Scan# 1745
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

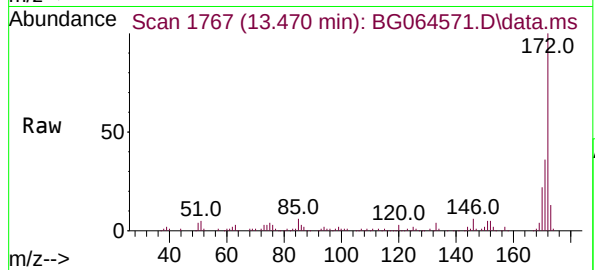
Tgt Ion:196 Resp: 24973
Ion Ratio Lower Upper
196 100
198 85.8 74.2 111.4
97 42.4 37.0 55.6
132 22.8 18.5 27.7





#45
2-Fluorobiphenyl
Concen: 21.050 ng
RT: 13.470 min Scan# 1768
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

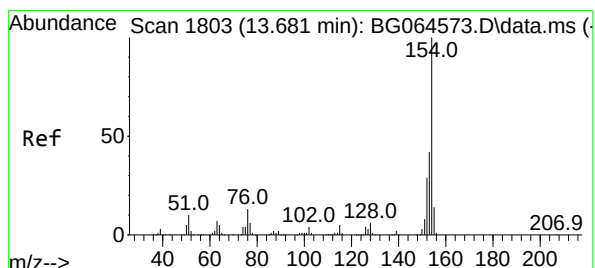
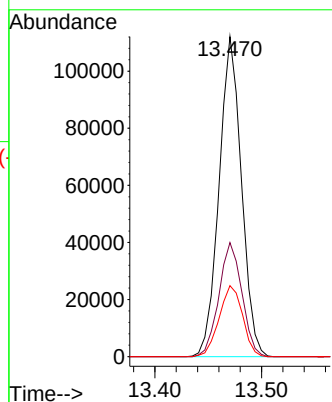
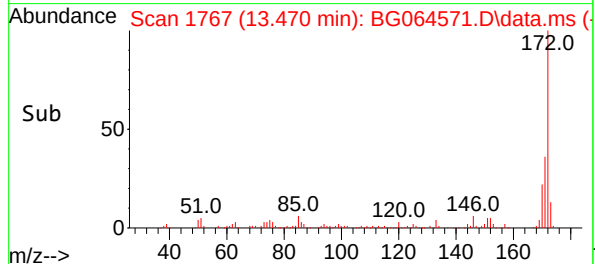
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:172 Resp: 163340
Ion Ratio Lower Upper
172 100
171 35.6 29.4 44.0
170 22.2 19.1 28.7

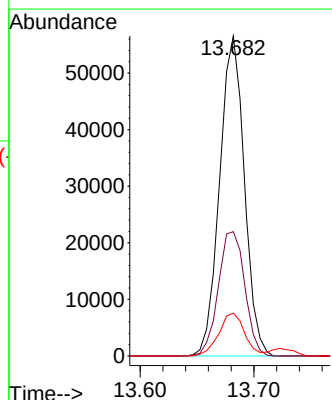
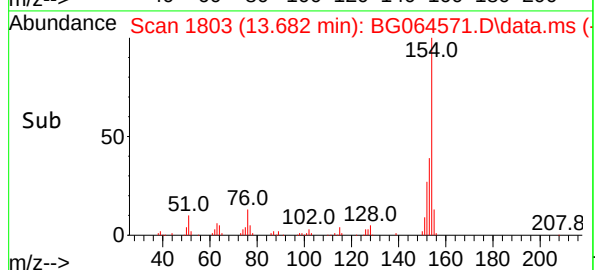
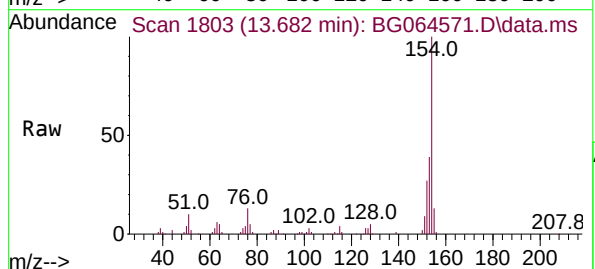
Manual Integrations
APPROVED

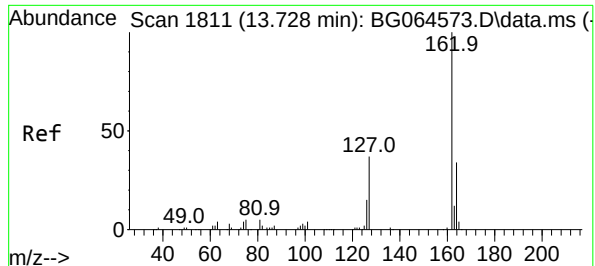
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#46
1,1'-Biphenyl
Concen: 10.200 ng
RT: 13.682 min Scan# 1803
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:154 Resp: 85287
Ion Ratio Lower Upper
154 100
153 38.8 22.4 62.4
76 13.3 0.0 33.5





#47

2-Chloronaphthalene

Concen: 10.081 ng

RT: 13.723 min Scan# 1811

Delta R.T. -0.005 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:162 Resp: 6363

Ion Ratio Lower Upper

162 100

127 41.2 32.2 48.2

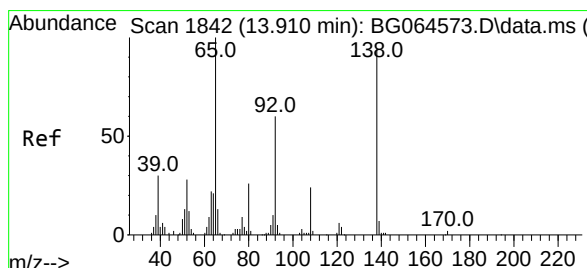
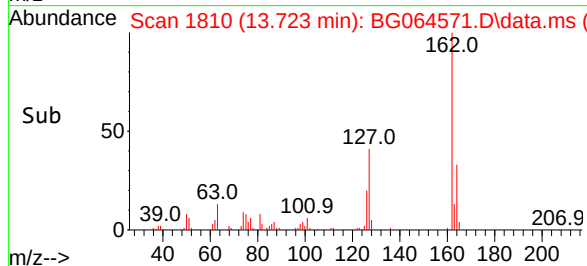
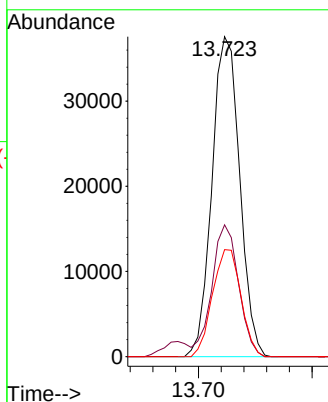
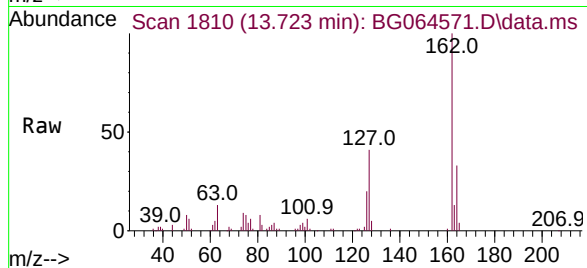
164 33.4 27.5 41.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#48

2-Nitroaniline

Concen: 9.284 ng

RT: 13.905 min Scan# 1841

Delta R.T. -0.005 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

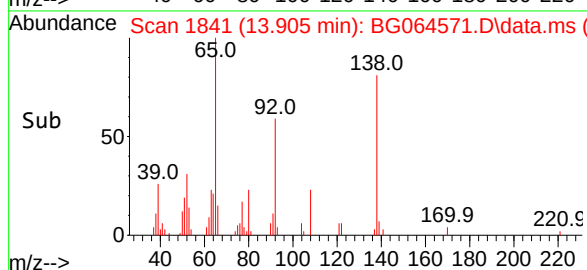
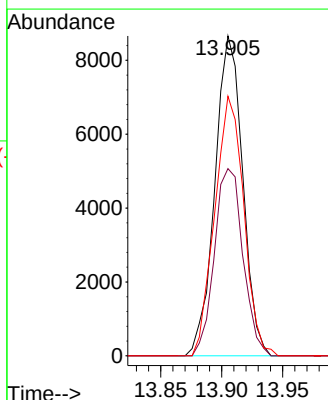
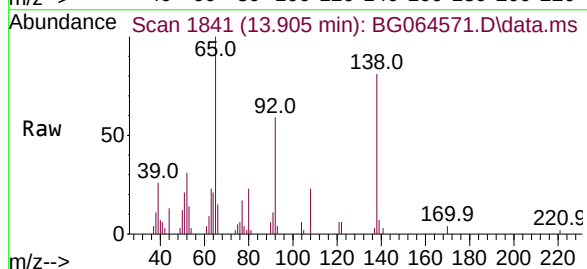
Tgt Ion: 65 Resp: 13764

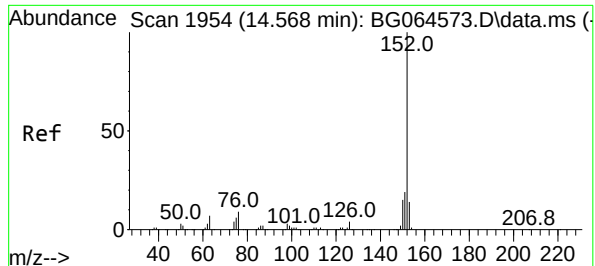
Ion Ratio Lower Upper

65 100

92 58.5 48.3 72.5

138 81.1 74.9 112.3





#49

Acenaphthylene

Concen: 10.198 ng

RT: 14.563 min Scan# 1954

Delta R.T. -0.005 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:152 Resp: 101526

Ion Ratio Lower Upper

152 100

151 19.3 15.4 23.2

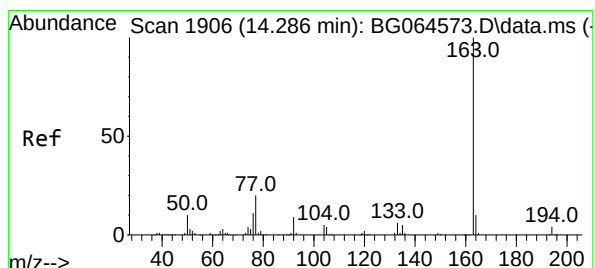
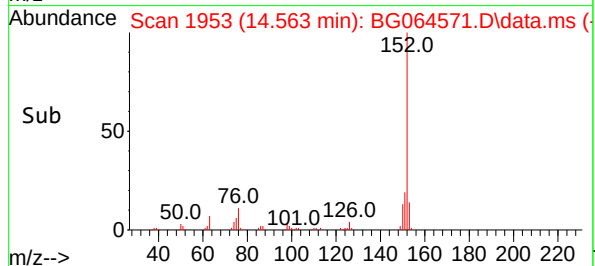
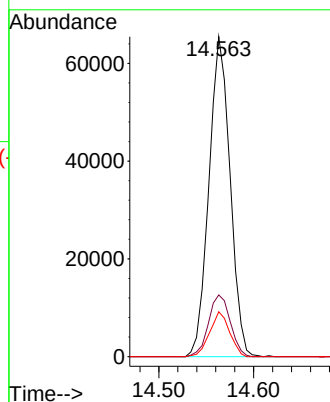
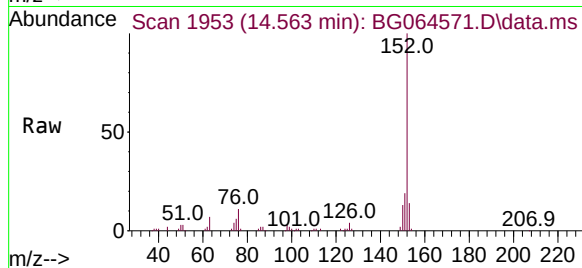
153 14.0 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#50

Dimethylphthalate

Concen: 10.256 ng

RT: 14.281 min Scan# 1905

Delta R.T. -0.005 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

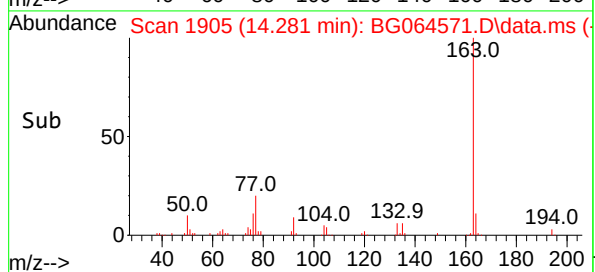
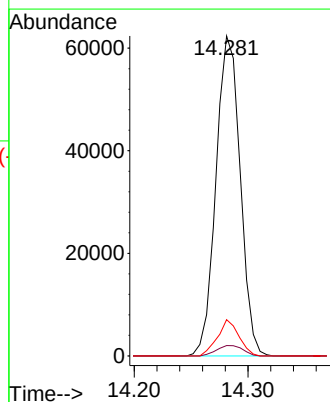
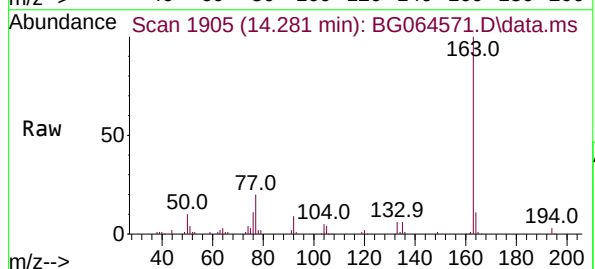
Tgt Ion:163 Resp: 92308

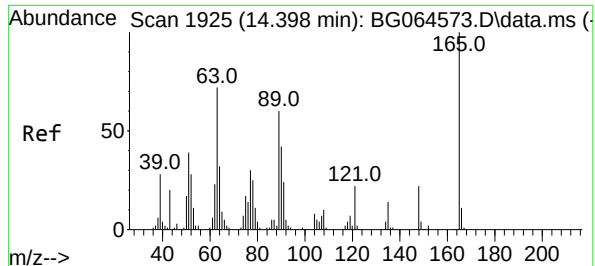
Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

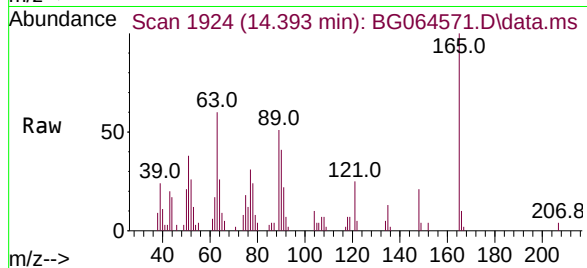
164 11.3 7.7 11.5





#51
2,6-Dinitrotoluene
Concen: 9.857 ng
RT: 14.393 min Scan# 1925
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

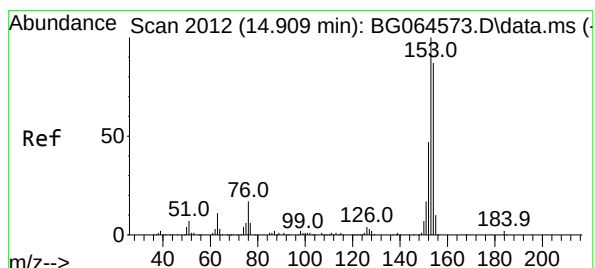
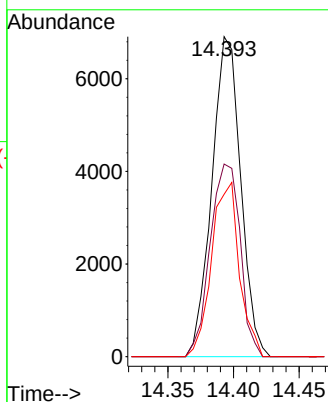
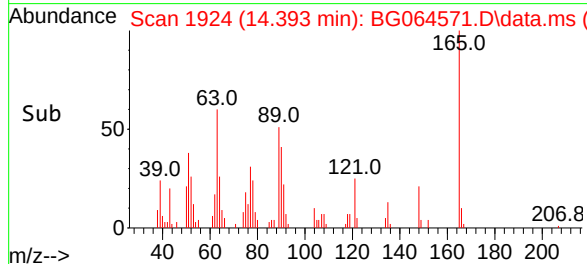
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



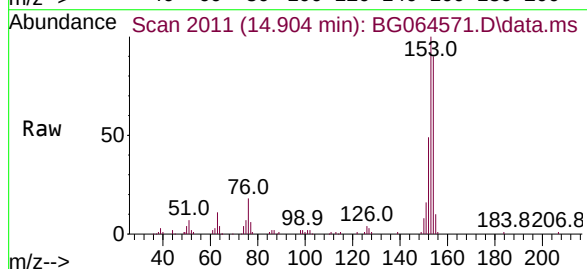
Tgt Ion:165 Resp: 1060
Ion Ratio Lower Upper
165 100
63 60.2 57.4 86.0
89 50.8 47.8 71.8

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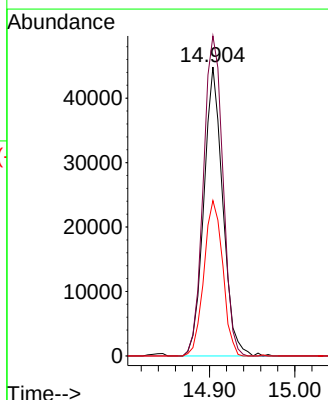
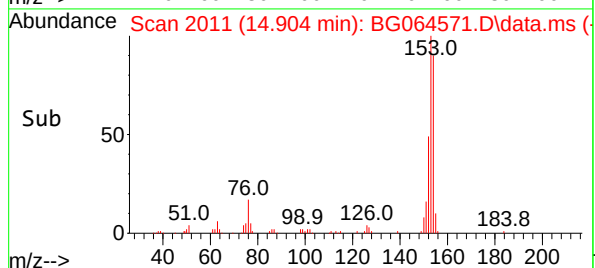
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

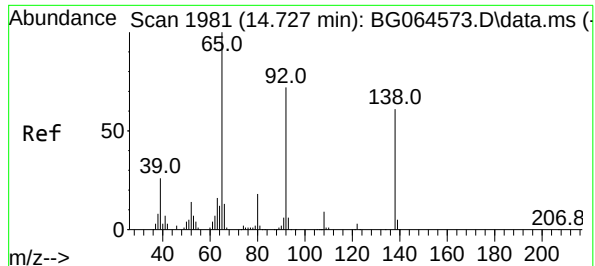


#52
Acenaphthene
Concen: 10.184 ng
RT: 14.904 min Scan# 2011
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02



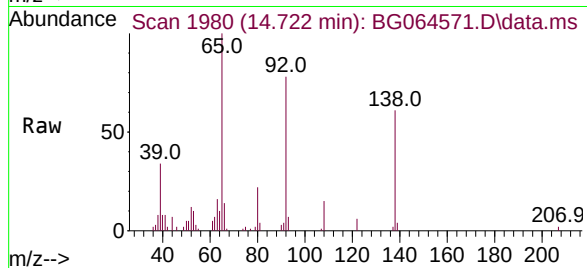
Tgt Ion:154 Resp: 69273
Ion Ratio Lower Upper
154 100
153 110.8 92.2 138.4
152 53.8 43.2 64.8





#53
3-Nitroaniline
Concen: 8.026 ng
RT: 14.722 min Scan# 1981
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

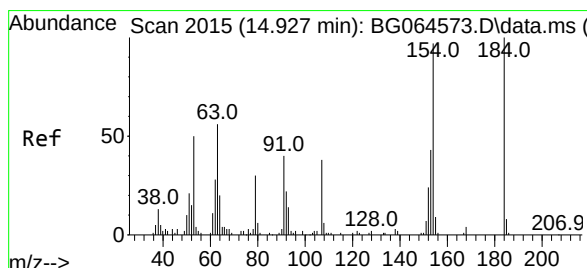
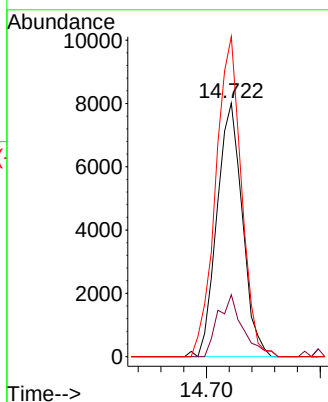
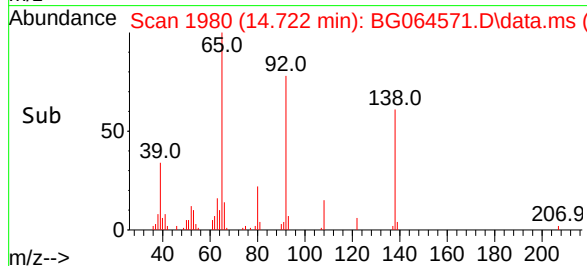
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:138 Resp: 12414
Ion Ratio Lower Upper
138 100
108 24.4 11.4 17.0#
92 126.2 95.3 142.9

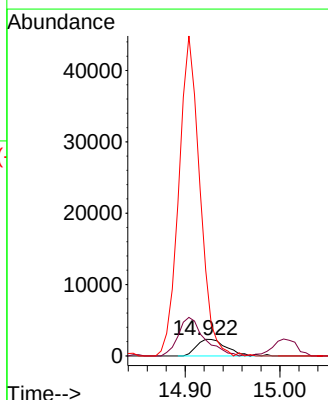
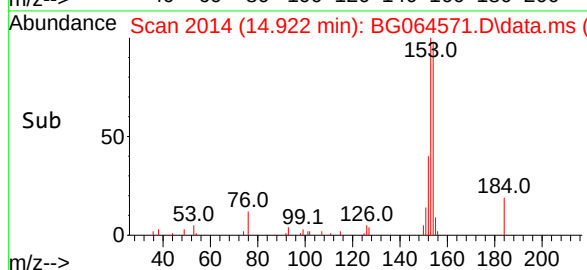
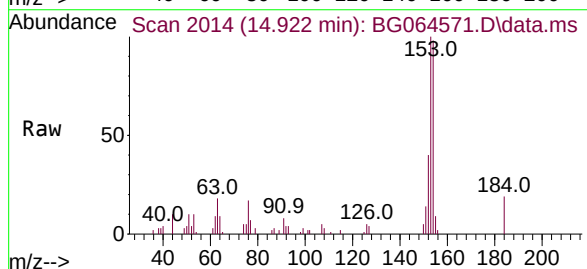
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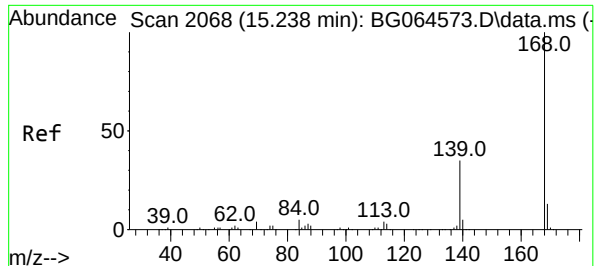
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#54
2,4-Dinitrophenol
Concen: 10.760 ng
RT: 14.922 min Scan# 2014
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:184 Resp: 5082
Ion Ratio Lower Upper
184 100
63 95.9 56.6 85.0#
154 514.8 158.6 238.0#





#55

Diben-zofuran

Concen: 10.548 ng

RT: 15.239 min Scan# 2068

Delta R.T. 0.001 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:168 Resp: 115990

Ion Ratio Lower Upper

168 100

139 32.6 27.8 41.8

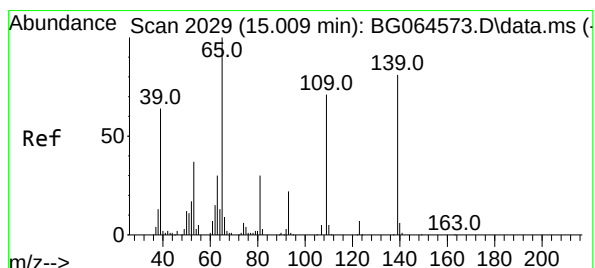
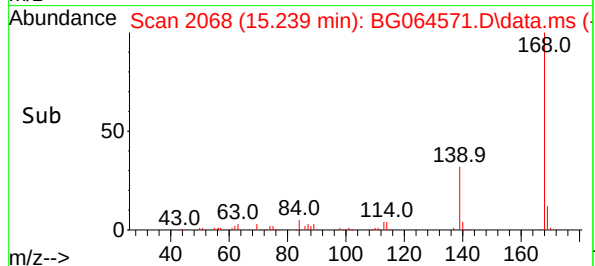
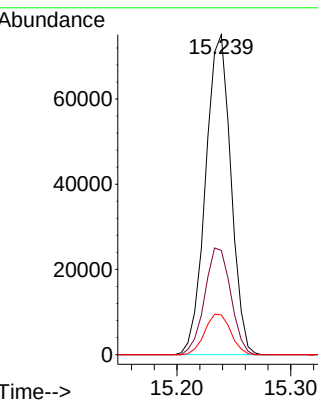
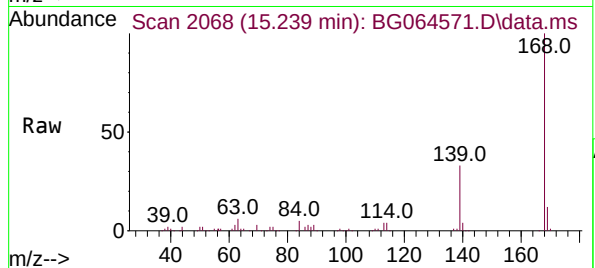
169 12.4 10.3 15.5

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#56

4-Nitrophenol

Concen: 7.815 ng

RT: 15.010 min Scan# 2029

Delta R.T. 0.001 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

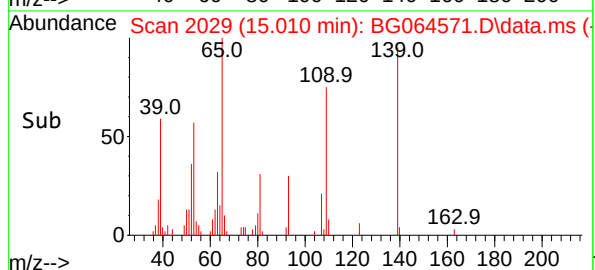
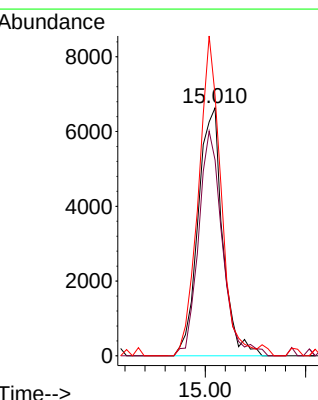
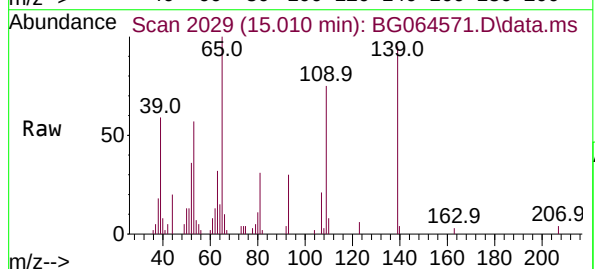
Tgt Ion:139 Resp: 11207

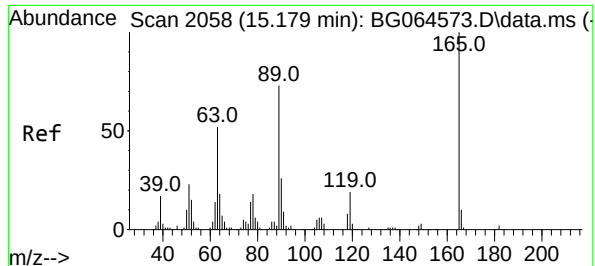
Ion Ratio Lower Upper

139 100

109 78.9 67.8 107.8

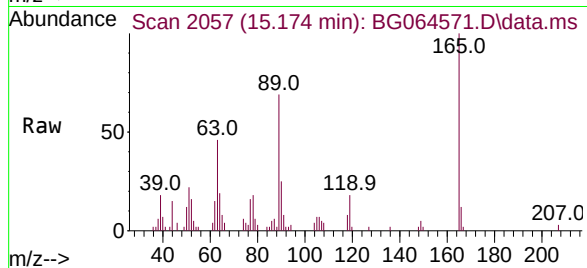
65 105.0 103.7 143.7





#57
2,4-Dinitrotoluene
Concen: 9.494 ng
RT: 15.174 min Scan# 2057
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

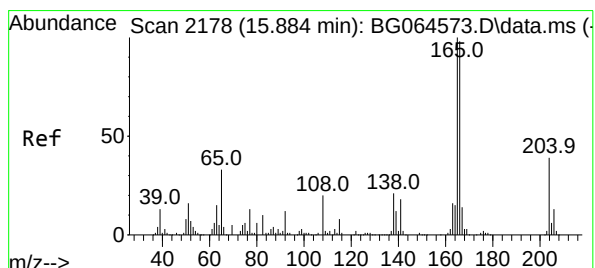
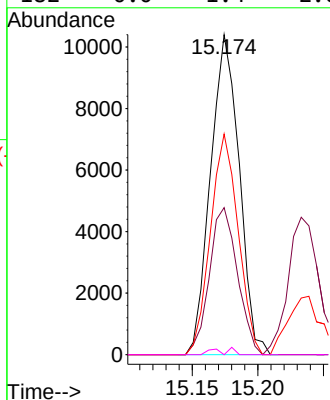
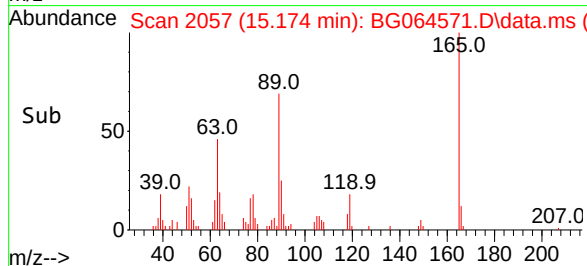
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:165 Resp: 1579
Ion Ratio Lower Upper
165 100
63 45.9 41.8 62.8
89 68.9 58.1 87.1
182 0.0 1.4 2.0#

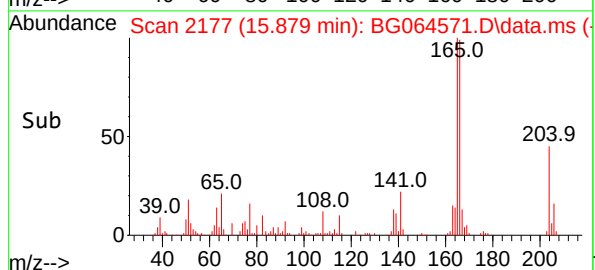
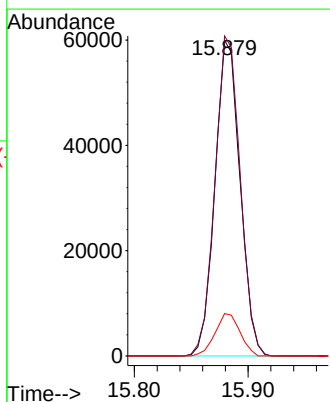
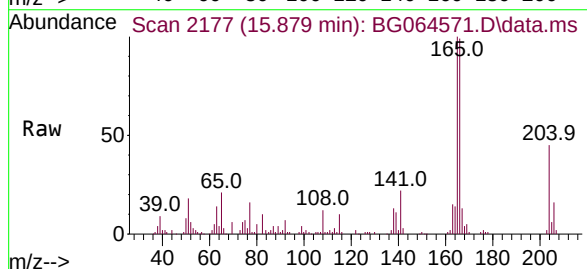
Manual Integrations
APPROVED

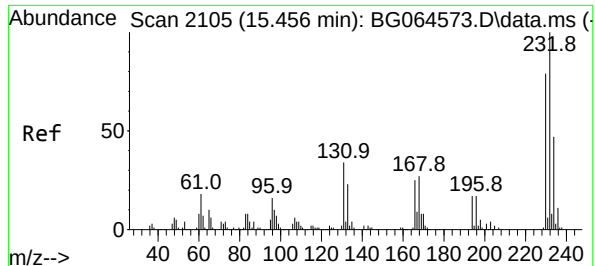
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#58
Fluorene
Concen: 10.679 ng
RT: 15.879 min Scan# 2177
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

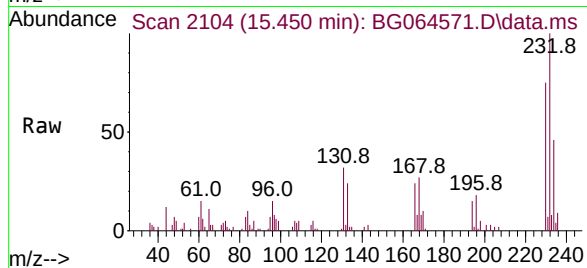
Tgt Ion:166 Resp: 91712
Ion Ratio Lower Upper
166 100
165 101.4 81.5 122.3
167 13.4 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 9.088 ng
RT: 15.450 min Scan# 2104
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

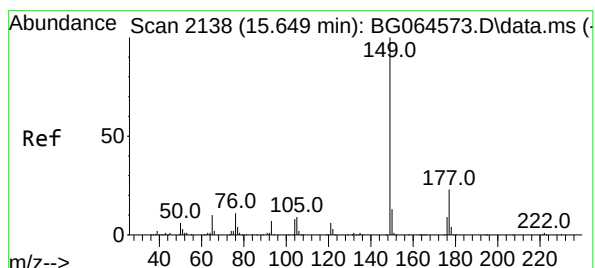
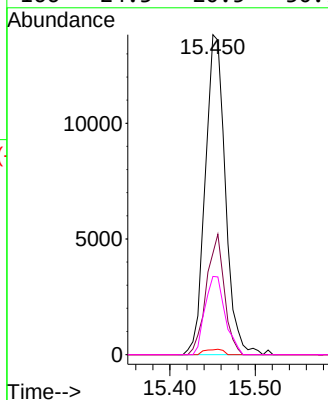
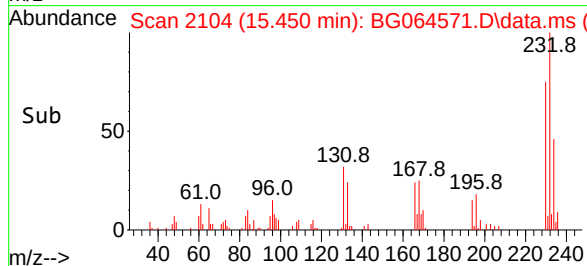
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:232 Resp: 22645
Ion Ratio Lower Upper
232 100
131 33.5 26.7 40.1
130 1.5 1.6 2.4
166 24.3 20.5 30.7

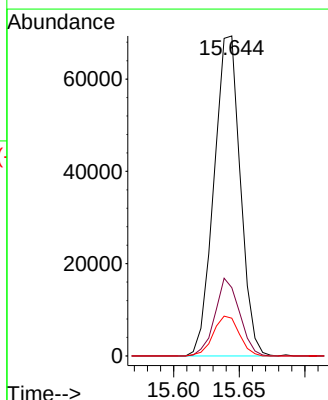
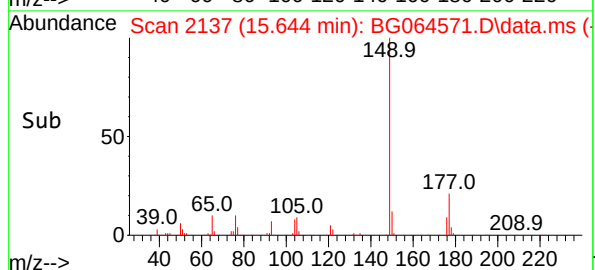
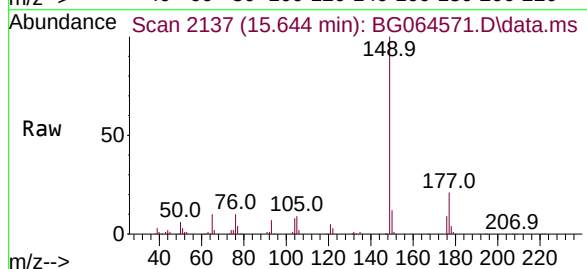
Manual Integrations
APPROVED

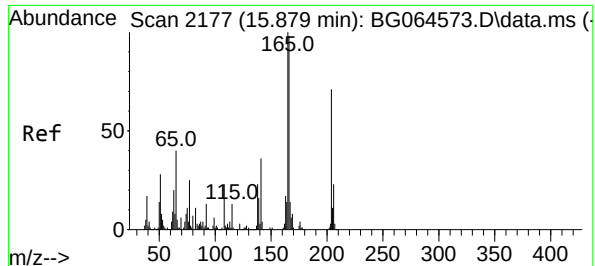
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#60
Diethylphthalate
Concen: 10.525 ng
RT: 15.644 min Scan# 2137
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

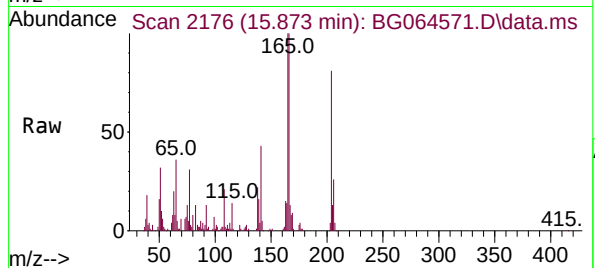
Tgt Ion:149 Resp: 96719
Ion Ratio Lower Upper
149 100
177 21.3 18.0 27.0
150 11.8 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 10.544 ng
RT: 15.873 min Scan# 2176
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

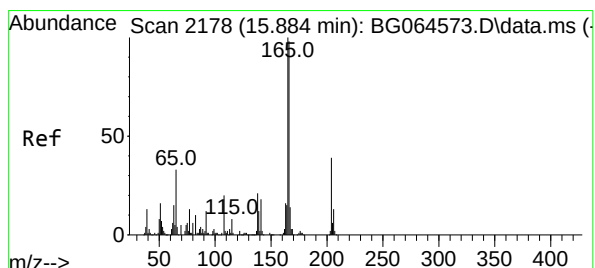
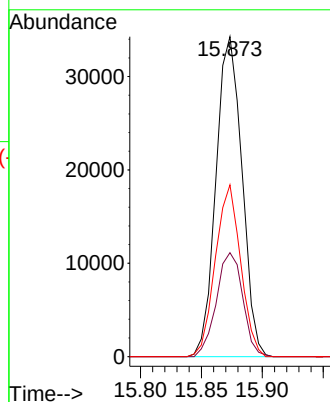
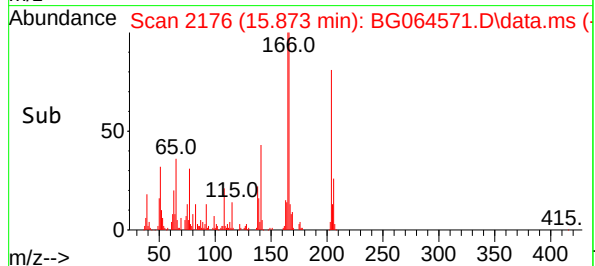
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:204 Resp: 50818
Ion Ratio Lower Upper
204 100
206 32.5 25.6 38.4
141 53.7 40.6 60.8

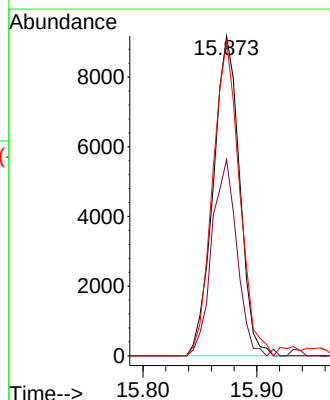
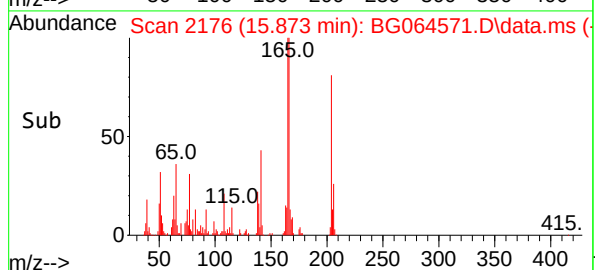
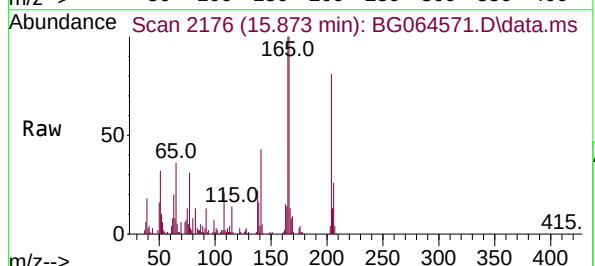
Manual Integrations
APPROVED

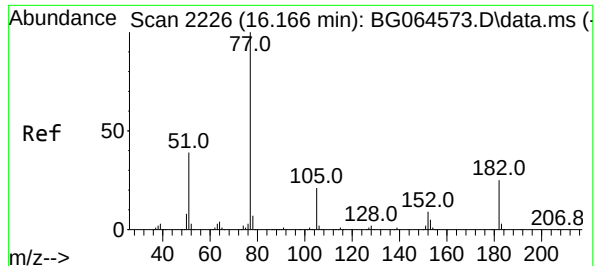
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#62
4-Nitroaniline
Concen: 8.612 ng
RT: 15.873 min Scan# 2176
Delta R.T. -0.011 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

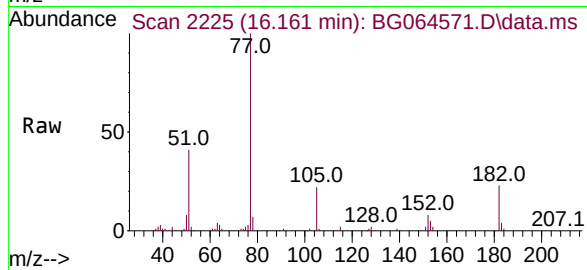
Tgt Ion:138 Resp: 14819
Ion Ratio Lower Upper
138 100
92 61.4 36.1 76.1
108 98.5 75.6 115.6





#63
Azobenzene
Concen: 10.489 ng
RT: 16.161 min Scan# 2226
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

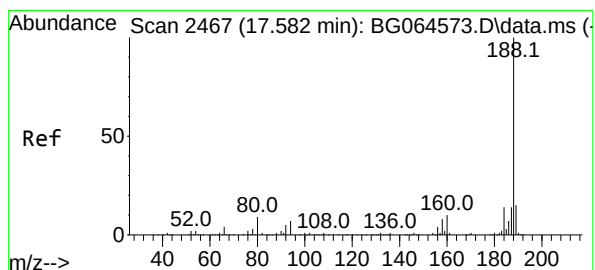
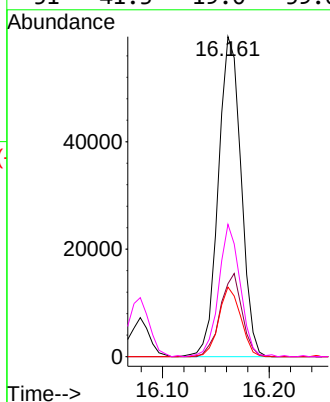
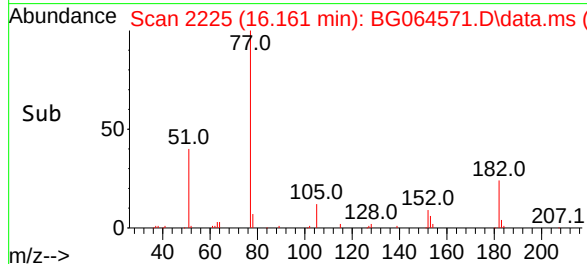
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



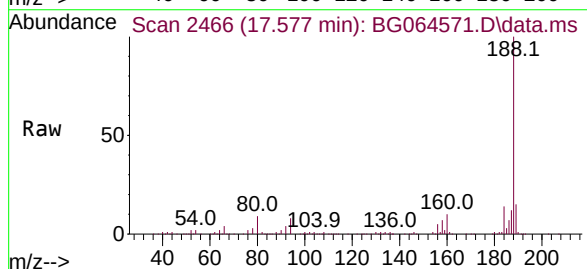
Tgt Ion: 77 Resp: 8844
Ion Ratio Lower Upper
77 100
182 22.8 4.9 44.9
105 21.7 1.3 41.3
51 41.3 19.0 59.0

Manual Integrations
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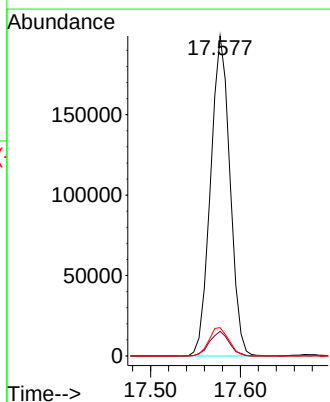
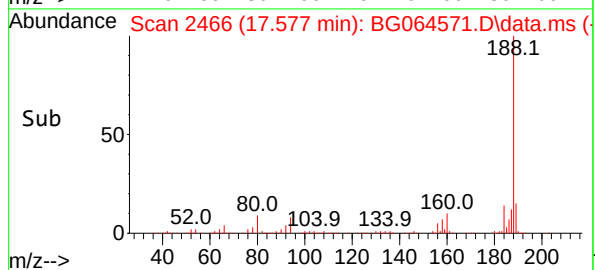
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

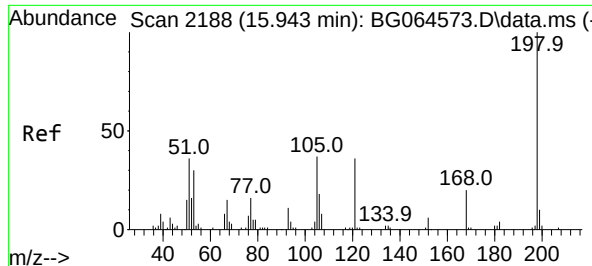


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.577 min Scan# 2466
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02



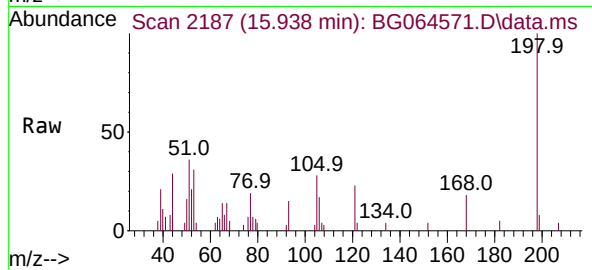
Tgt Ion:188 Resp: 300549
Ion Ratio Lower Upper
188 100
94 7.7 5.7 8.5
80 8.8 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 10.919 ng
RT: 15.938 min Scan# 2188
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

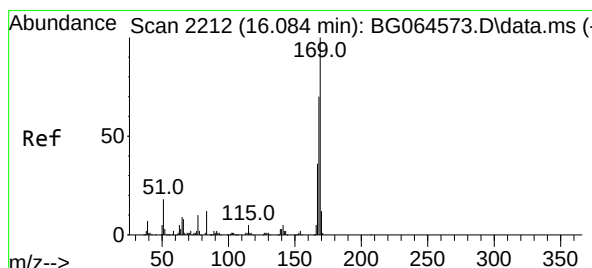
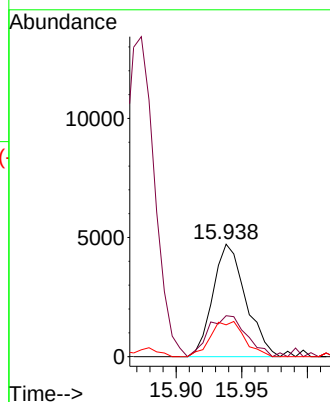
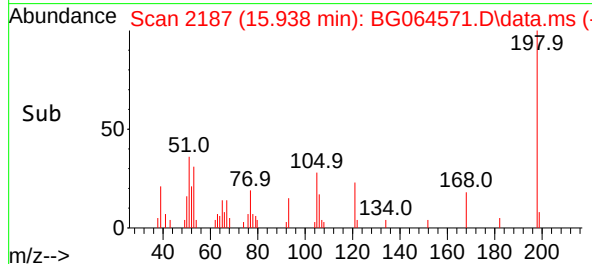
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:198 Resp: 8190
Ion Ratio Lower Upper
198 100
51 36.4 24.7 64.7
105 28.3 18.0 58.0

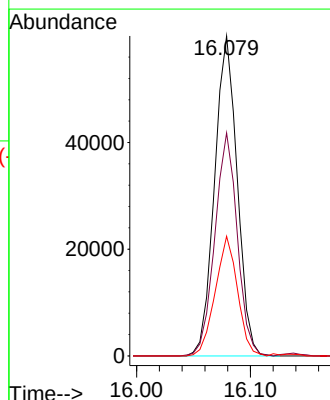
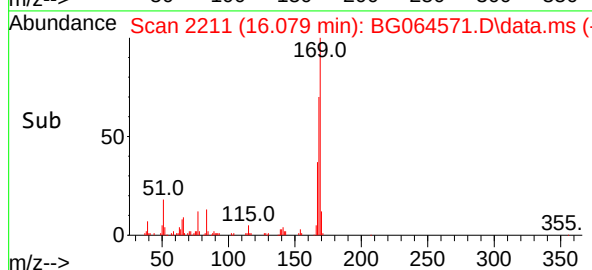
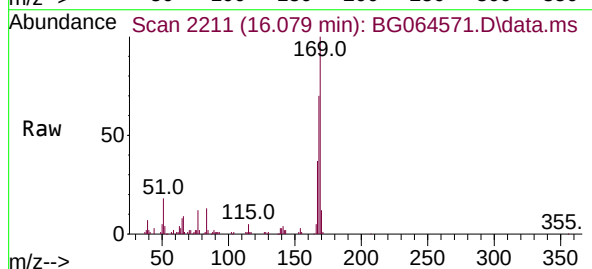
Manual Integrations
APPROVED

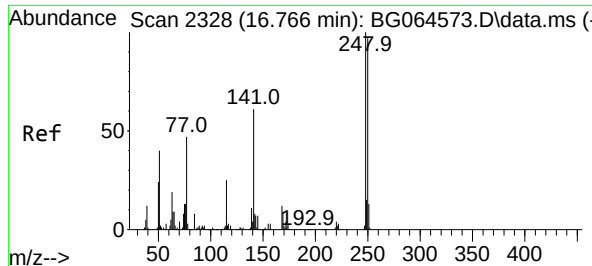
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#66
n-Nitrosodiphenylamine
Concen: 10.197 ng
RT: 16.079 min Scan# 2211
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

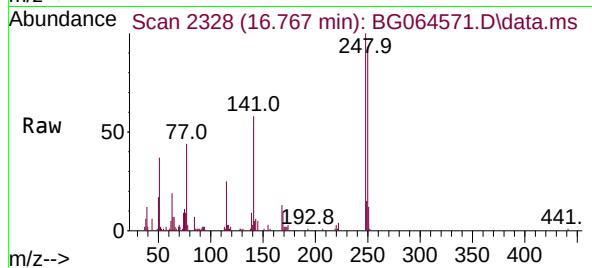
Tgt Ion:169 Resp: 82787
Ion Ratio Lower Upper
169 100
168 69.7 56.3 84.5
167 37.4 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 9.949 ng
RT: 16.767 min Scan# 2328
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

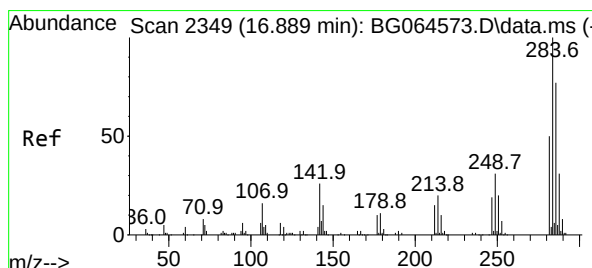
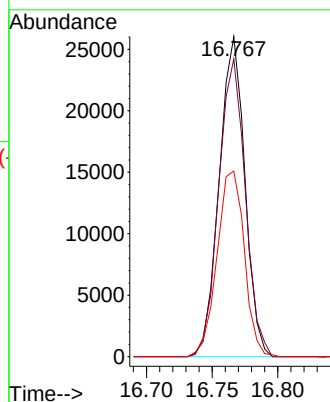
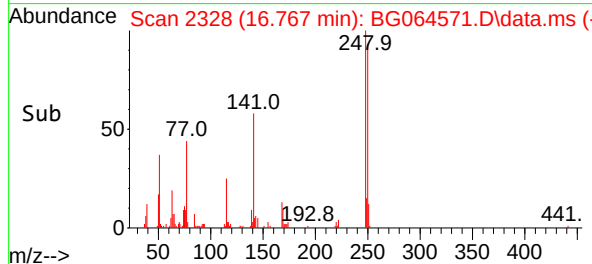
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



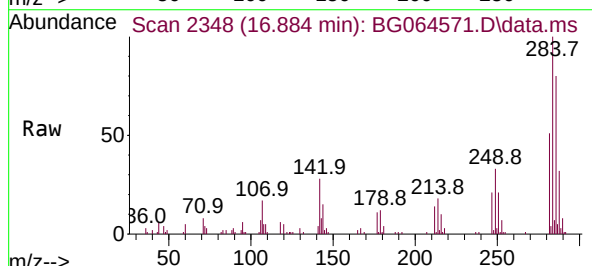
Tgt Ion:248 Resp: 35433
Ion Ratio Lower Upper
248 100
250 93.0 77.7 116.5
141 58.0 48.6 72.8

Manual Integrations
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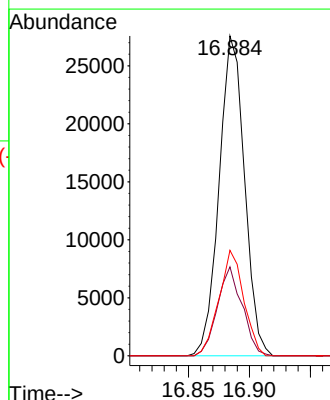
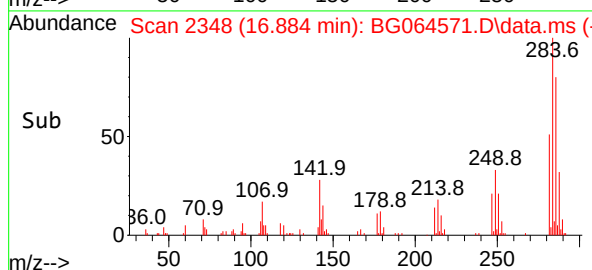
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

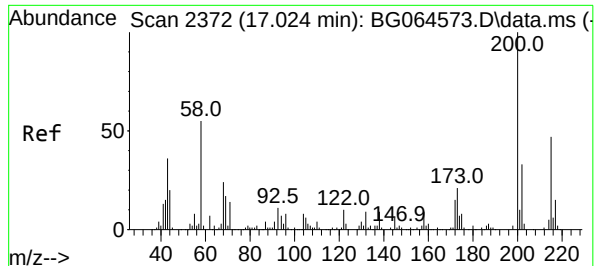


#68
Hexachlorobenzene
Concen: 9.838 ng
RT: 16.884 min Scan# 2348
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02



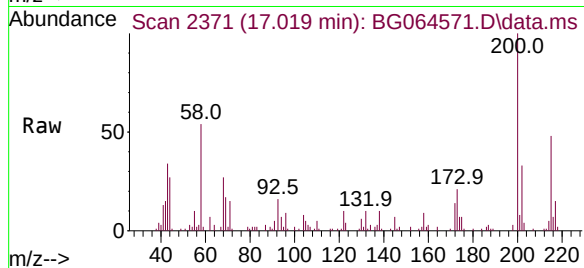
Tgt Ion:284 Resp: 39975
Ion Ratio Lower Upper
284 100
142 27.8 21.0 31.6
249 35.9 24.9 37.3





#69
Atrazine
Concen: 9.785 ng
RT: 17.019 min Scan# 2372
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

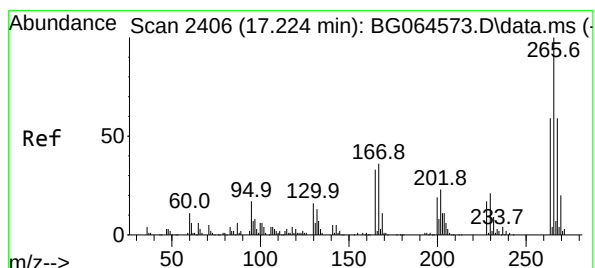
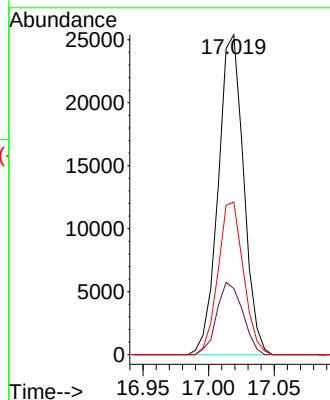
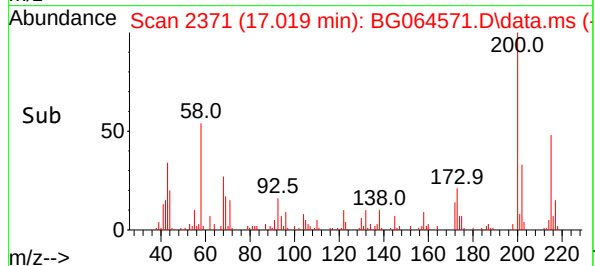
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



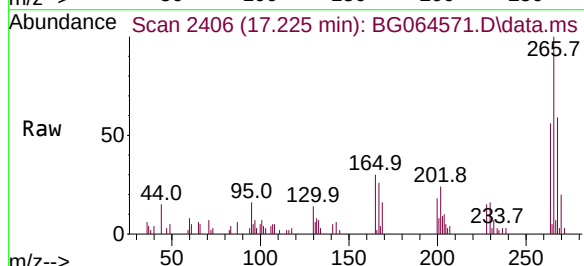
Tgt Ion:200 Resp: 34185
Ion Ratio Lower Upper
200 100
173 20.7 0.9 40.9
215 47.7 27.0 67.0

Manual Integrations
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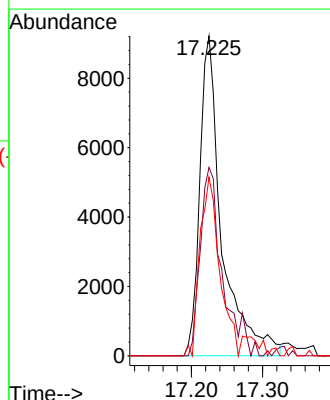
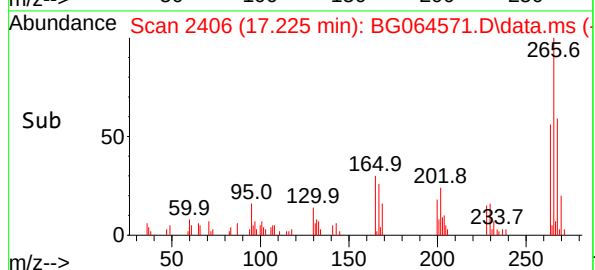
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

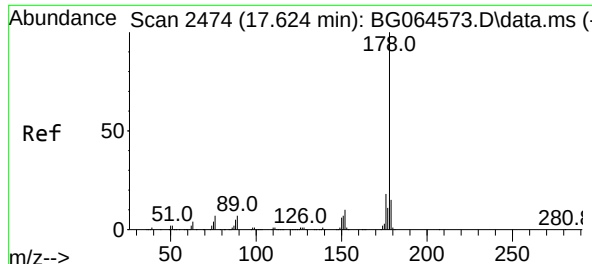


#70
Pentachlorophenol
Concen: 7.838 ng
RT: 17.225 min Scan# 2406
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02



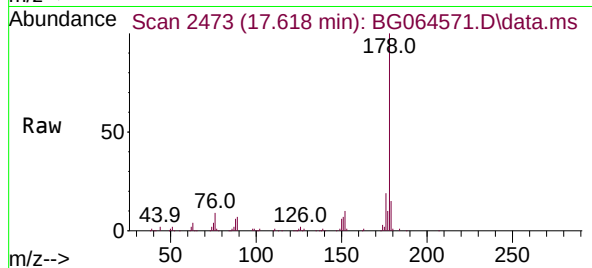
Tgt Ion:266 Resp: 19859
Ion Ratio Lower Upper
266 100
268 58.9 50.3 75.5
264 61.2 47.3 70.9





#71
Phenanthrene
Concen: 10.361 ng
RT: 17.618 min Scan# 2473
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

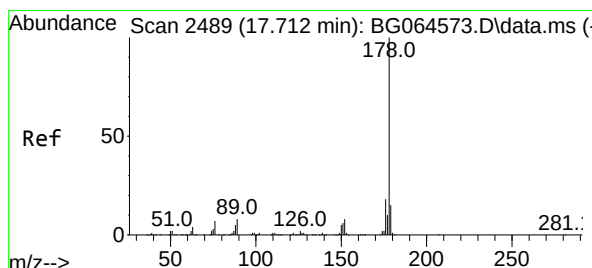
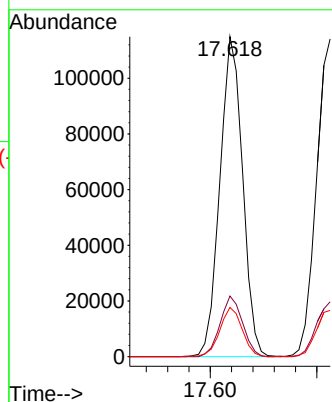
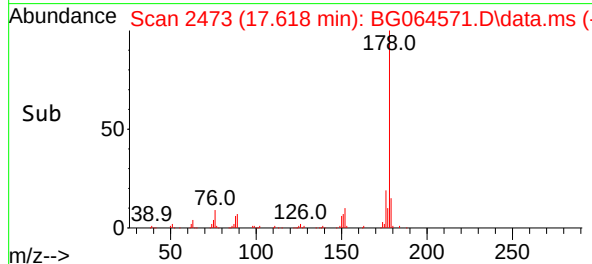
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:178 Resp: 170294
Ion Ratio Lower Upper
178 100
176 18.9 14.7 22.1
179 15.4 12.2 18.4

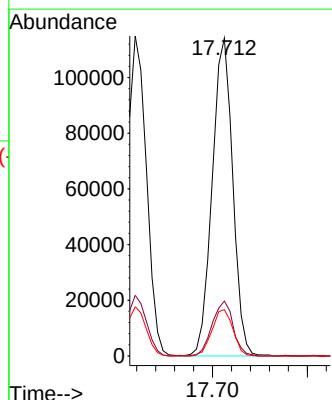
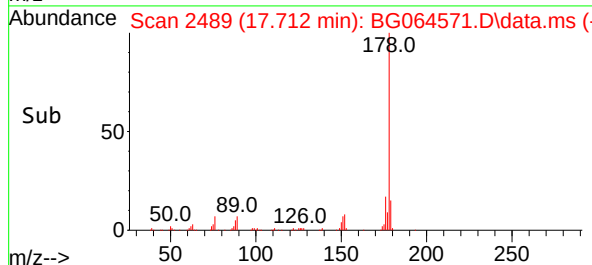
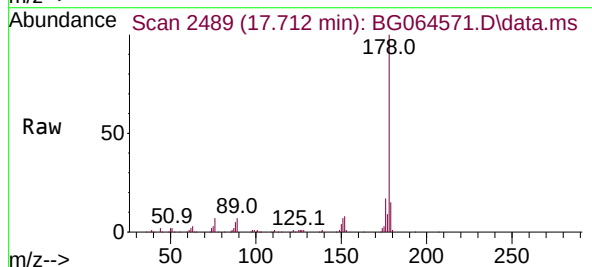
Manual Integrations
APPROVED

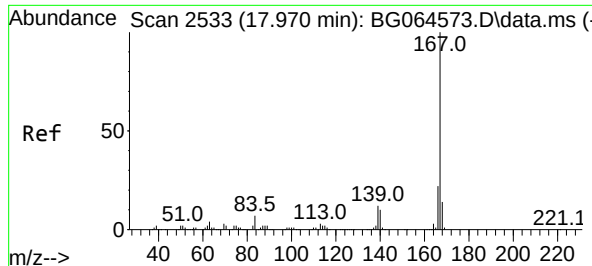
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#72
Anthracene
Concen: 10.279 ng
RT: 17.712 min Scan# 2489
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

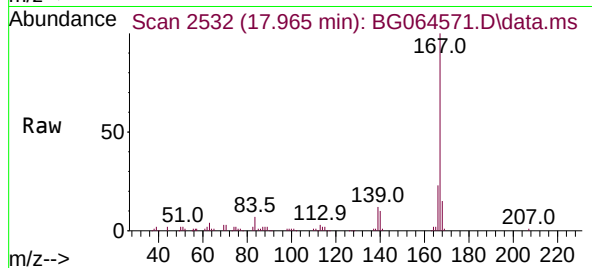
Tgt Ion:178 Resp: 171860
Ion Ratio Lower Upper
178 100
176 17.2 14.4 21.6
179 14.5 12.4 18.6





#73
Carbazole
Concen: 10.575 ng
RT: 17.965 min Scan# 2533
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

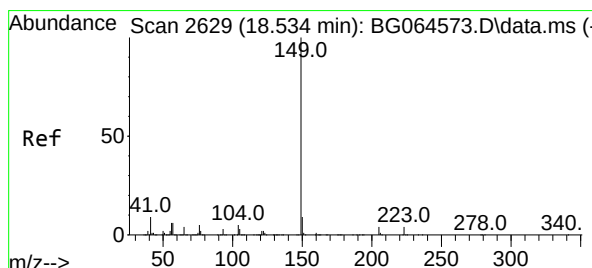
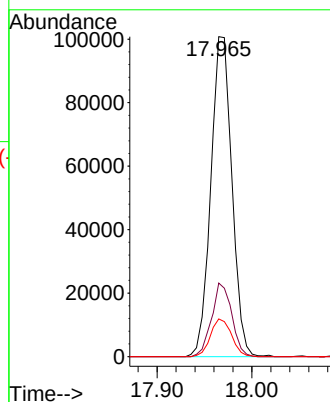
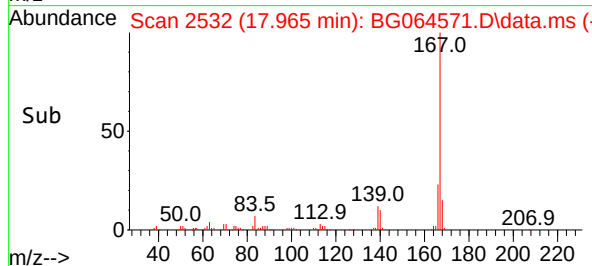
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:167 Resp: 155907
Ion Ratio Lower Upper
167 100
166 23.0 17.9 26.9
139 11.8 9.7 14.5

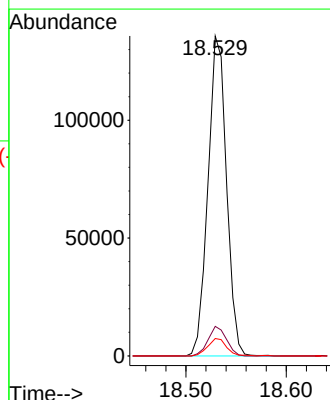
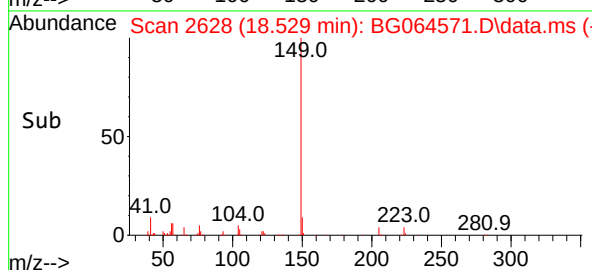
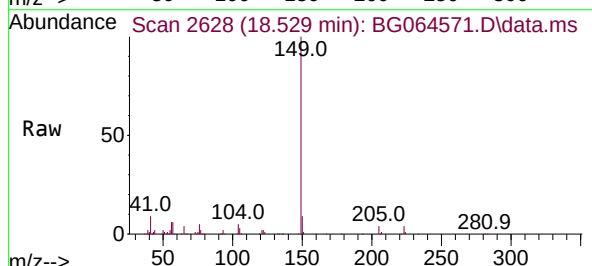
Manual Integrations
APPROVED

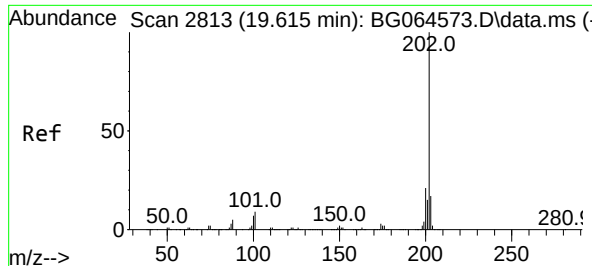
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#74
Di-n-butylphthalate
Concen: 10.189 ng
RT: 18.529 min Scan# 2628
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

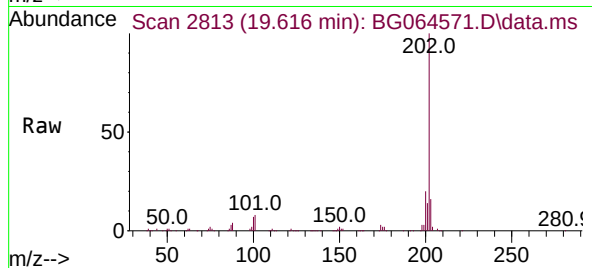
Tgt Ion:149 Resp: 173716
Ion Ratio Lower Upper
149 100
150 9.2 7.0 10.6
104 5.5 4.1 6.1





#75
Fluoranthene
Concen: 10.677 ng
RT: 19.616 min Scan# 2813
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

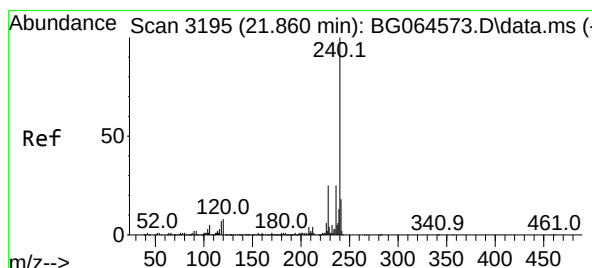
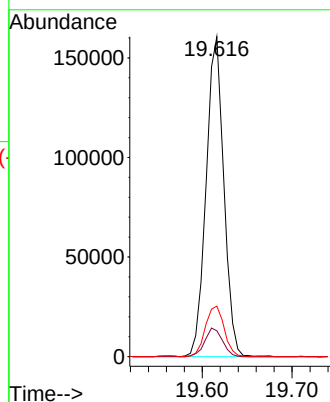
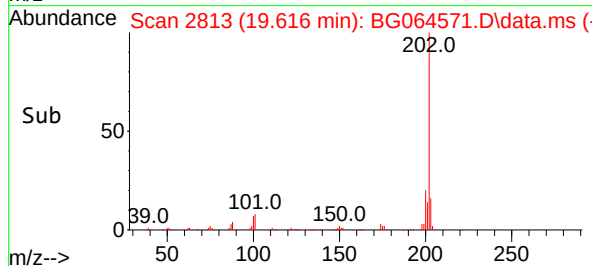
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:202 Resp: 219838
Ion Ratio Lower Upper
202 100
101 8.1 0.0 28.7
203 15.8 0.0 37.0

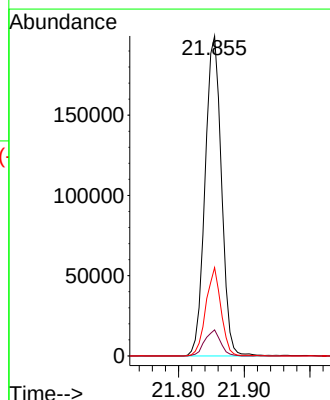
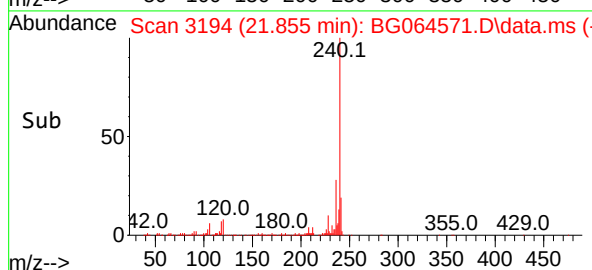
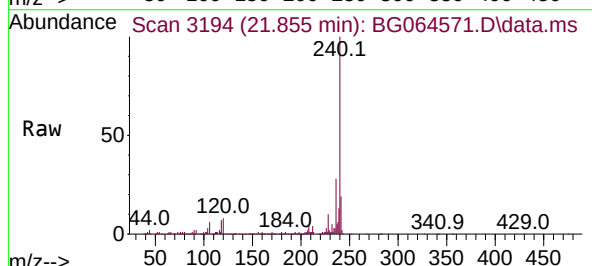
Manual Integrations
APPROVED

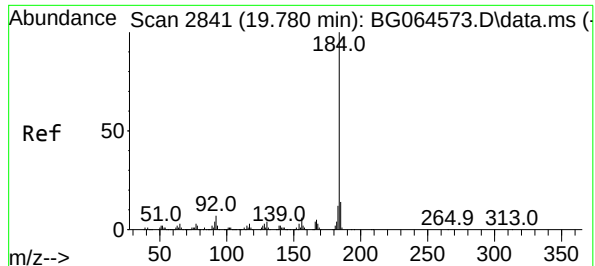
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.855 min Scan# 3194
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

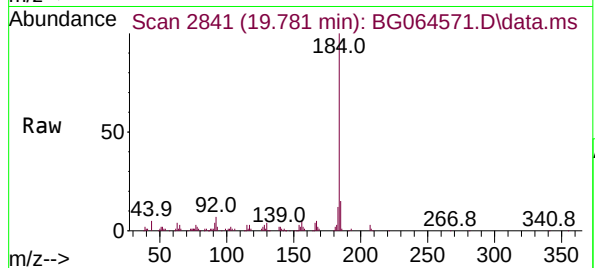
Tgt Ion:240 Resp: 343958
Ion Ratio Lower Upper
240 100
120 8.1 6.5 9.7
236 27.6 20.2 30.2





#77
Benzidine
Concen: 8.750 ng
RT: 19.781 min Scan# 2841
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

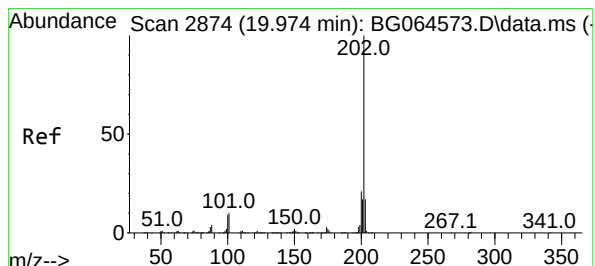
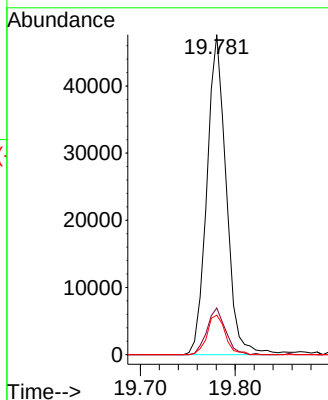
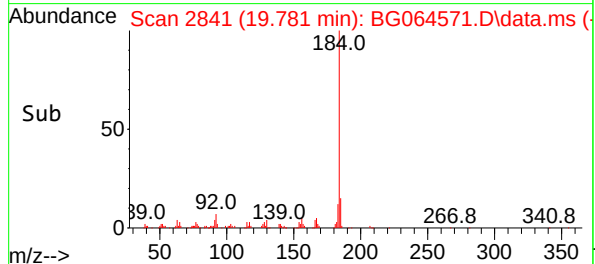
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:184 Resp: 67427
Ion Ratio Lower Upper
184 100
185 14.6 11.4 17.2
183 12.3 9.4 14.2

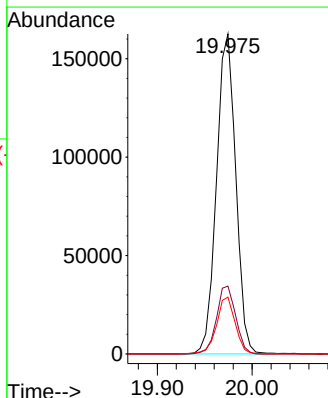
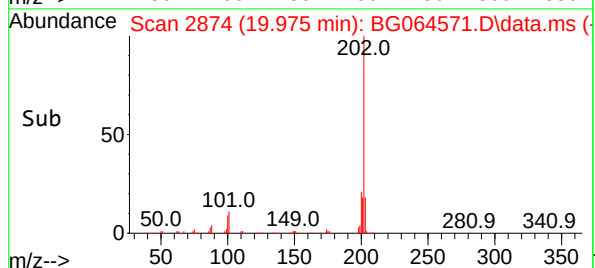
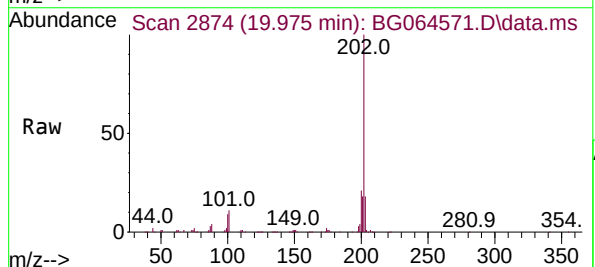
Manual Integrations
APPROVED

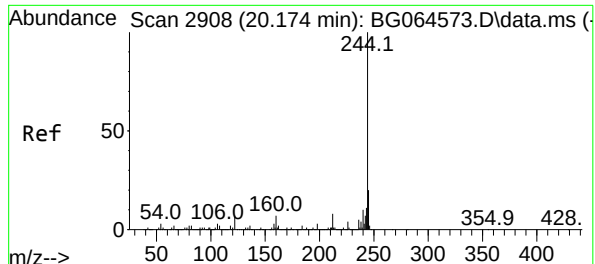
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#78
Pyrene
Concen: 10.186 ng
RT: 19.975 min Scan# 2874
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

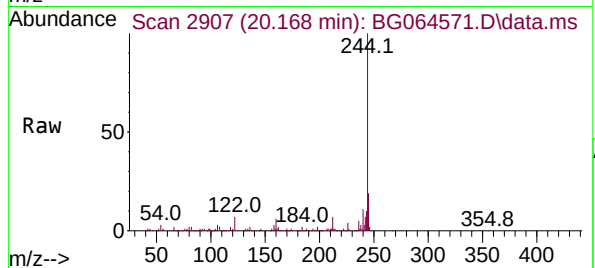
Tgt Ion:202 Resp: 228905
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.7 13.8 20.6





#79
Terphenyl-d14
Concen: 21.129 ng
RT: 20.168 min Scan# 2907
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

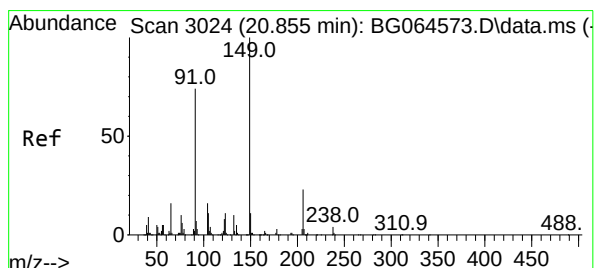
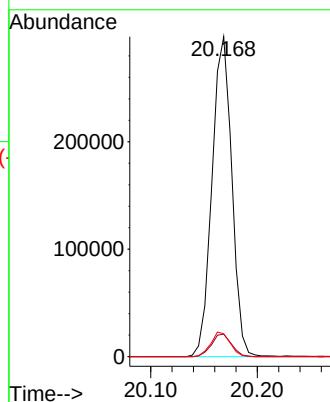
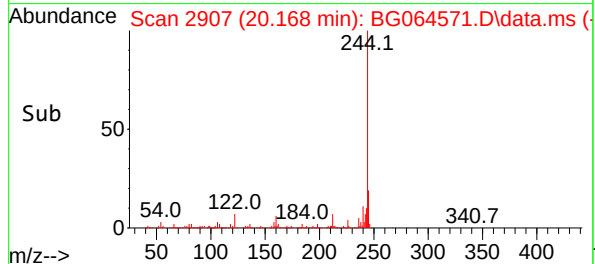
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:244 Resp: 385094
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 7.2 5.6 8.4

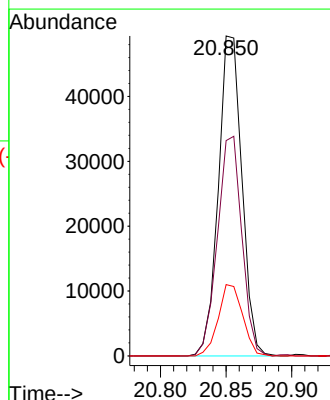
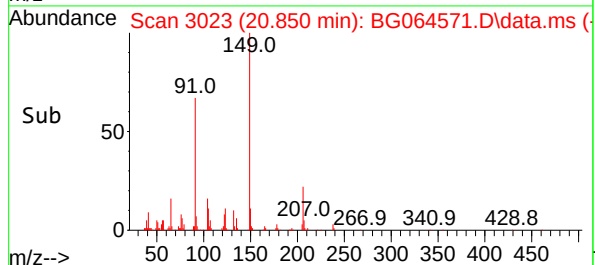
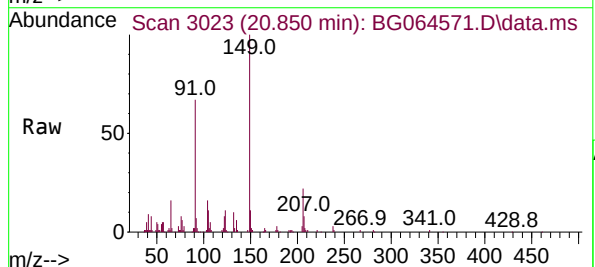
Manual Integrations
APPROVED

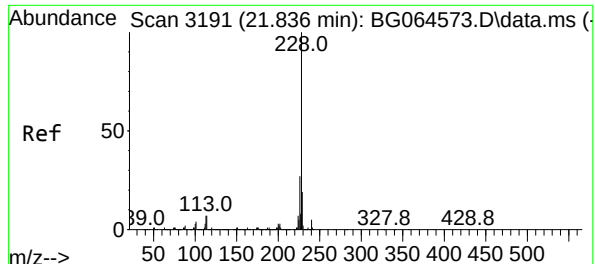
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#80
Butylbenzylphthalate
Concen: 9.080 ng
RT: 20.850 min Scan# 3023
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:149 Resp: 61669
Ion Ratio Lower Upper
149 100
91 67.3 59.2 88.8
206 22.3 18.1 27.1





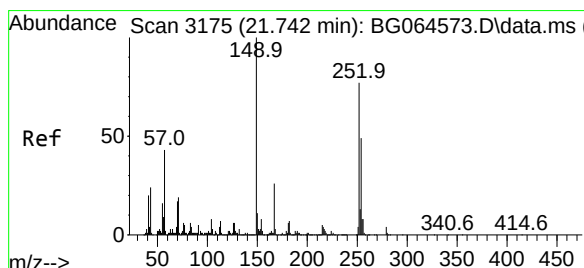
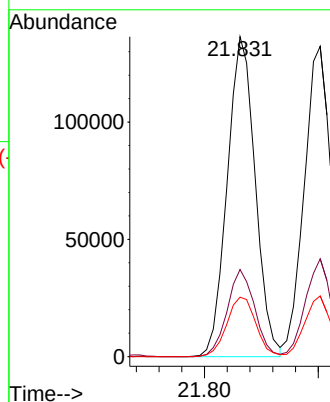
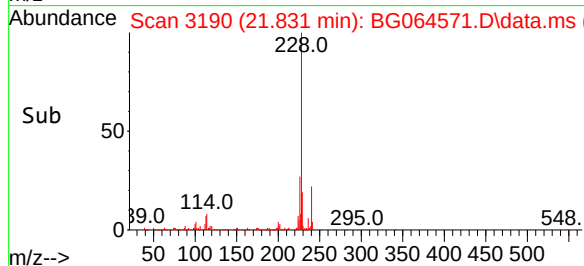
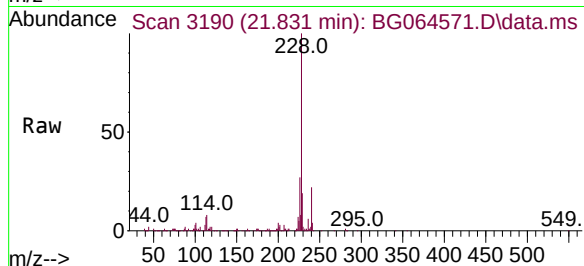
#81
Benzo(a)anthracene
Concen: 10.219 ng
RT: 21.831 min Scan# 3191
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 233051
Ion Ratio Lower Upper
228 100
226 27.2 21.9 32.9
229 18.6 15.6 23.4

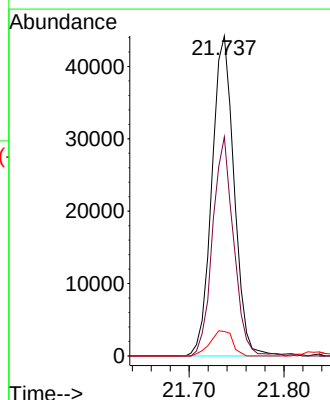
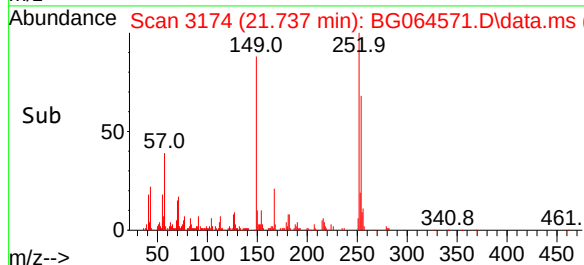
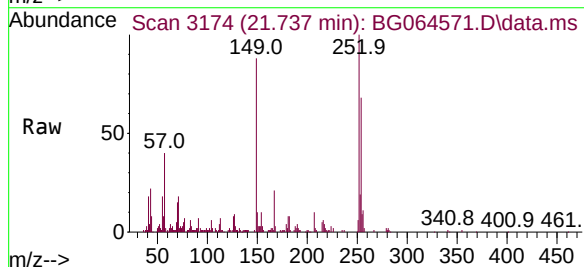
Manual Integrations
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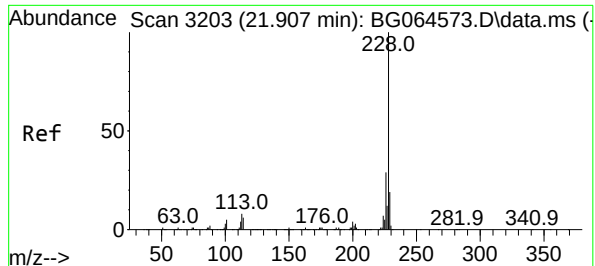
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#82
3,3'-Dichlorobenzidine
Concen: 9.448 ng
RT: 21.737 min Scan# 3174
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:252 Resp: 71951
Ion Ratio Lower Upper
252 100
254 68.4 50.8 76.2
126 7.6 5.8 8.6





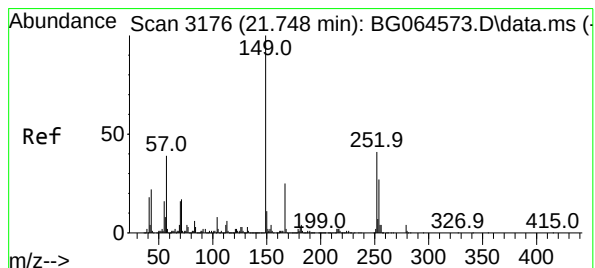
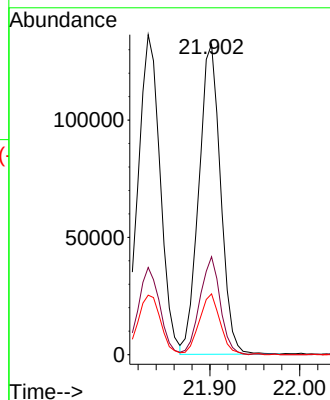
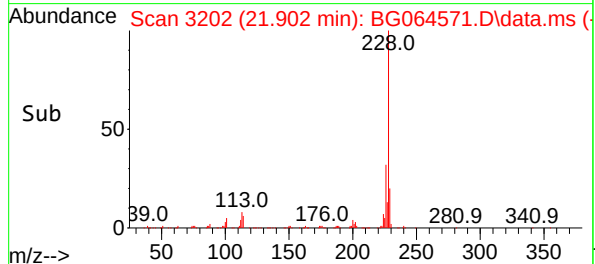
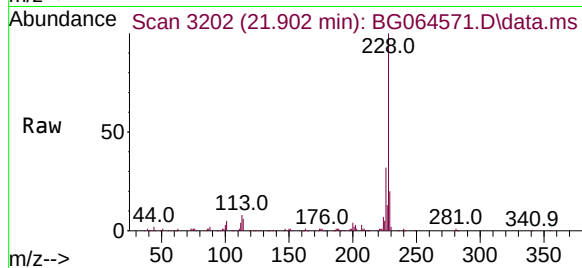
#83
Chrysene
Concen: 10.231 ng
RT: 21.902 min Scan# 3176
Delta R.T. -0.005 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 222018
Ion Ratio Lower Upper
228 100
226 31.5 23.3 34.9
229 19.6 15.2 22.8

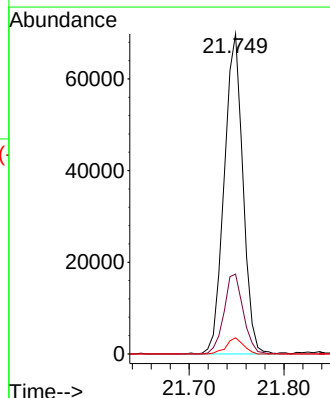
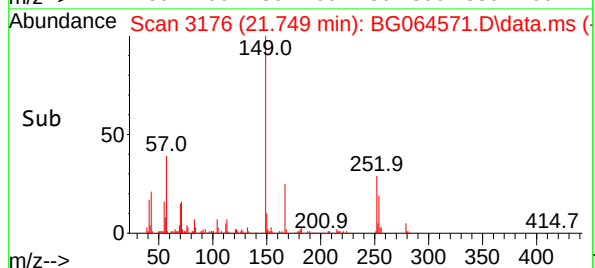
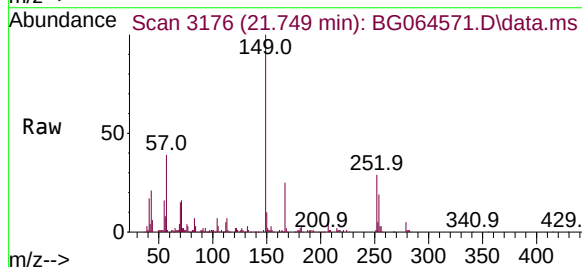
Manual Integrations
APPROVED

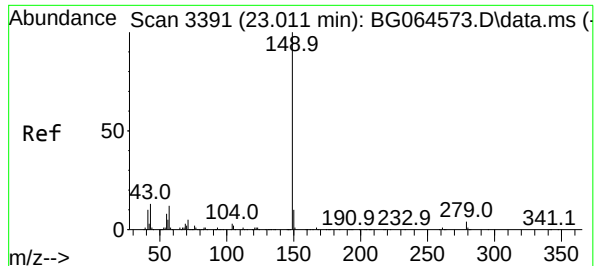
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 9.410 ng
RT: 21.749 min Scan# 3176
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

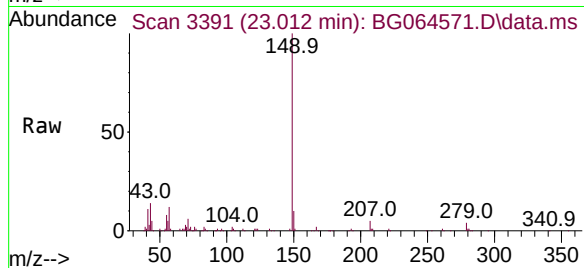
Tgt Ion:149 Resp: 95500
Ion Ratio Lower Upper
149 100
167 24.9 20.0 30.0
279 5.0 3.1 4.7#





#85
Di-n-octyl phthalate
Concen: 8.759 ng
RT: 23.012 min Scan# 3391
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

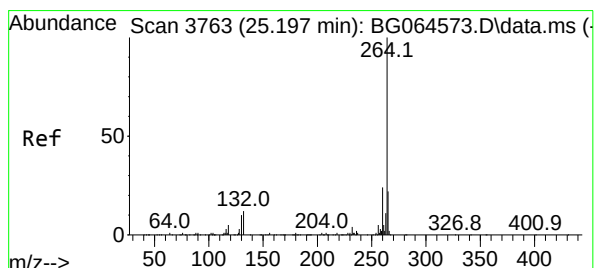
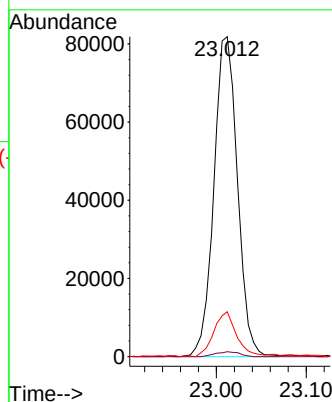
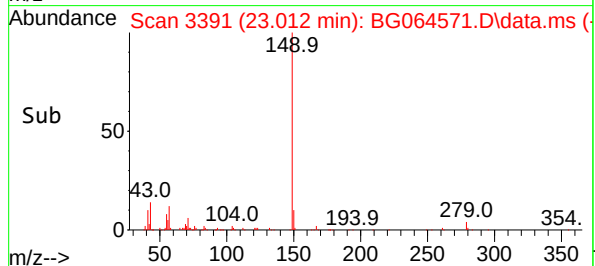
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



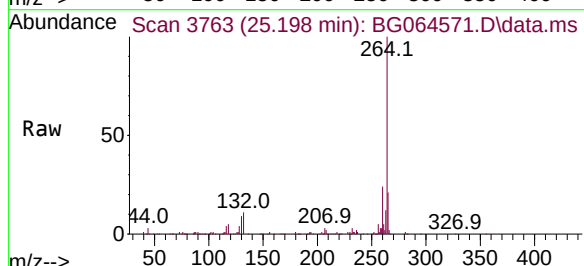
Tgt Ion:149 Resp: 149872
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 12.9 10.8 16.2

Manual Integrations
APPROVED

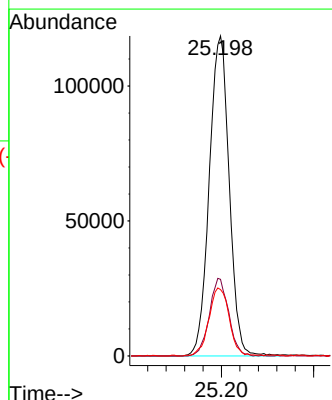
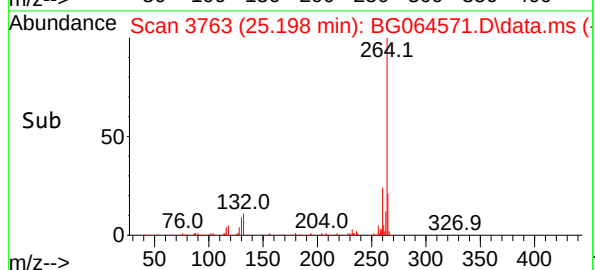
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

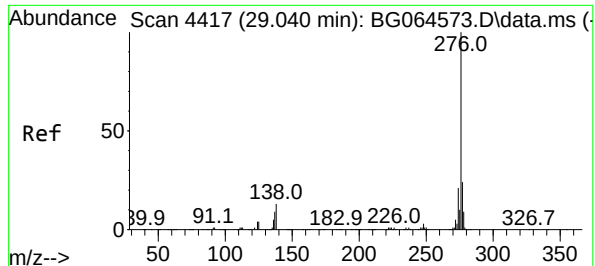


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.198 min Scan# 3763
Delta R.T. 0.001 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02



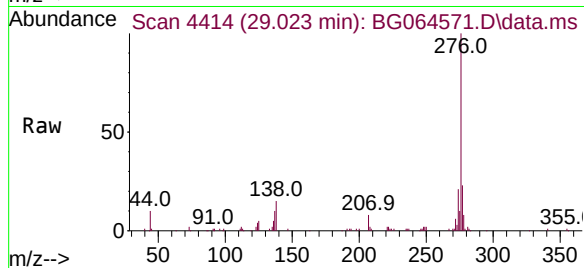
Tgt Ion:264 Resp: 354939
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.4
265 20.7 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 10.132 ng
RT: 29.023 min Scan# 4417
Delta R.T. -0.017 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

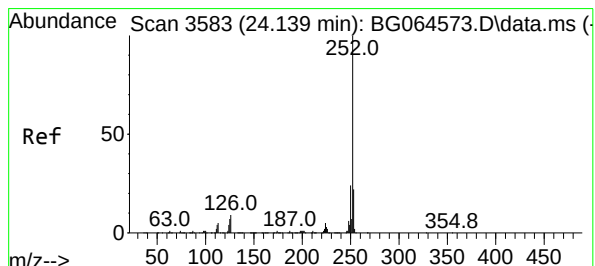
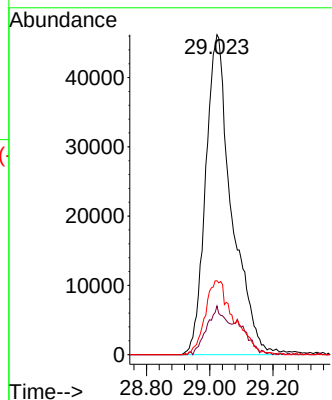
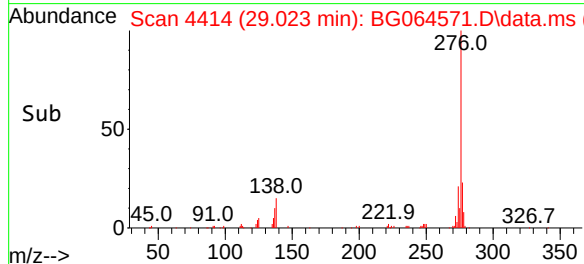
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:276 Resp: 26454
Ion Ratio Lower Upper
276 100
138 11.8 10.8 16.2
277 20.9 20.1 30.1

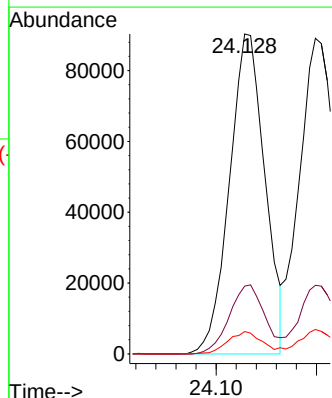
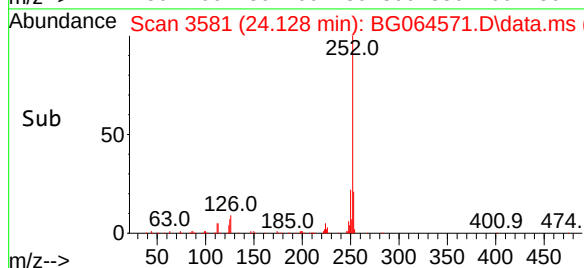
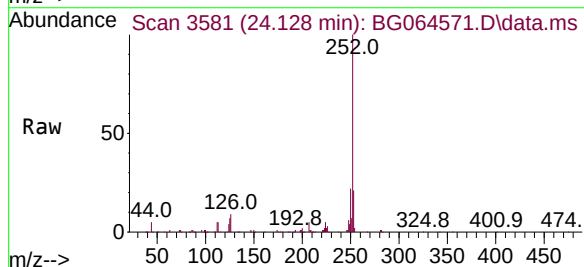
Manual Integrations
APPROVED

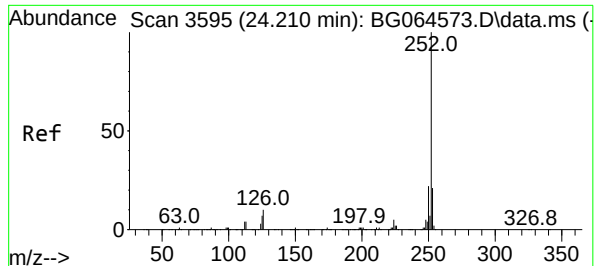
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#88
Benzo(b)fluoranthene
Concen: 10.163 ng
RT: 24.128 min Scan# 3581
Delta R.T. -0.011 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:252 Resp: 221197
Ion Ratio Lower Upper
252 100
253 21.2 17.8 26.8
125 7.0 5.6 8.4





#89

Benzo(k)fluoranthene

Concen: 10.270 ng

RT: 24.199 min Scan# 31

Delta R.T. -0.011 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:252 Resp: 223674

Ion Ratio Lower Upper

252 100

253 21.7 16.8 25.2

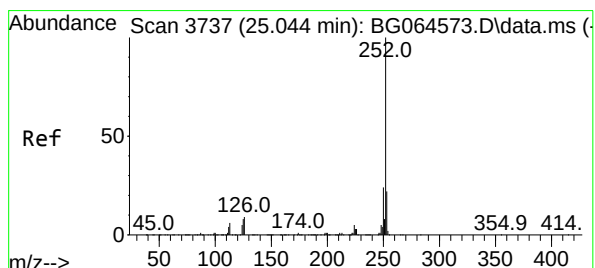
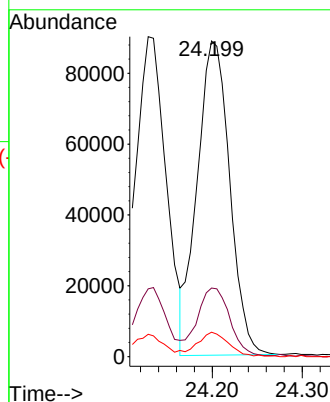
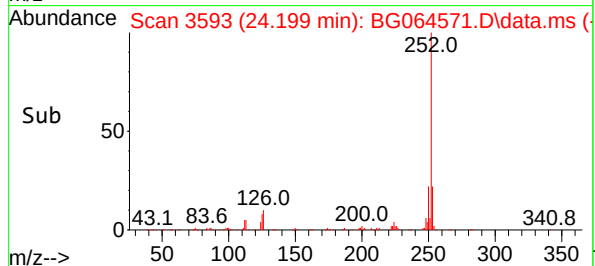
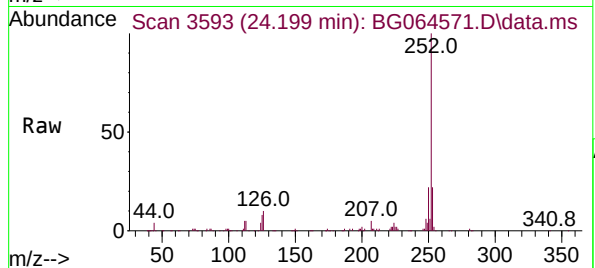
125 7.7 5.4 8.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#90

Benzo(a)pyrene

Concen: 10.146 ng

RT: 25.033 min Scan# 3735

Delta R.T. -0.011 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

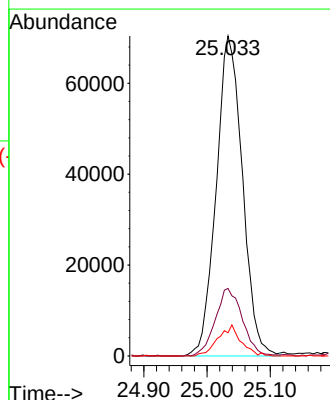
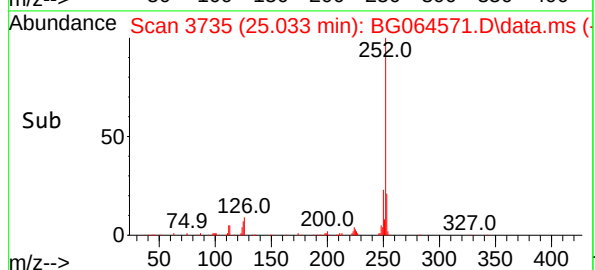
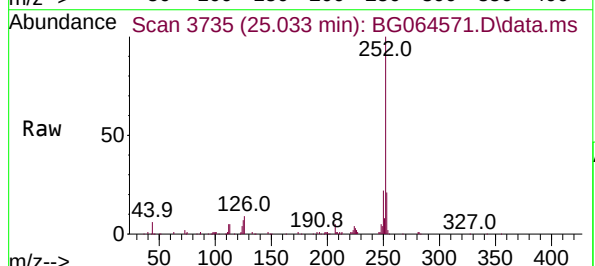
Tgt Ion:252 Resp: 202985

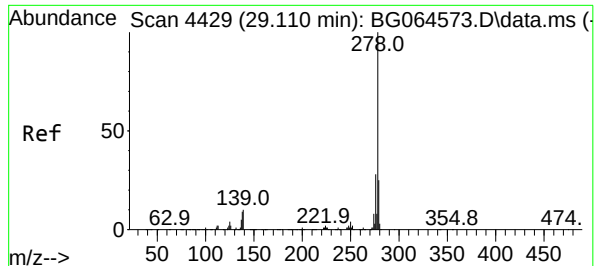
Ion Ratio Lower Upper

252 100

253 21.1 17.6 26.4

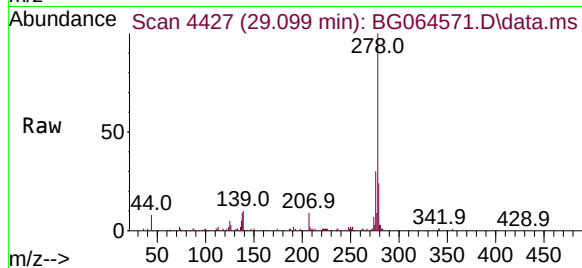
125 7.2 6.1 9.1





#91
Dibenzo(a,h)anthracene
Concen: 10.235 ng
RT: 29.099 min Scan# 4429
Delta R.T. -0.011 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

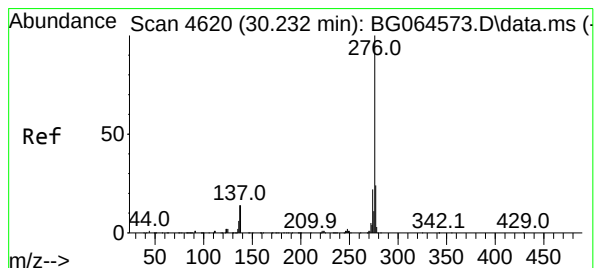
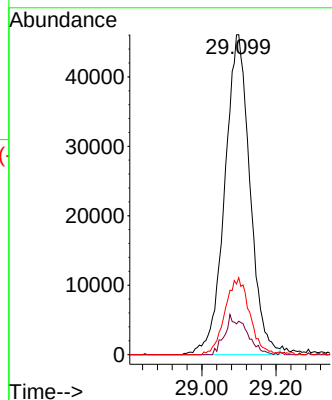
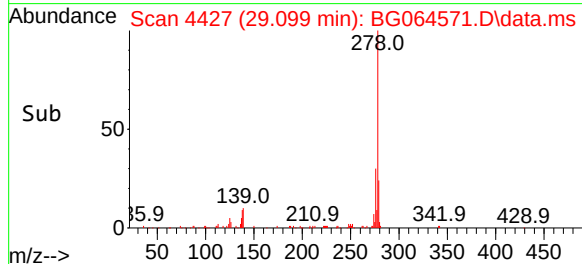
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:278 Resp: 217114
Ion Ratio Lower Upper
278 100
139 10.4 8.0 12.0
279 24.0 19.8 29.6

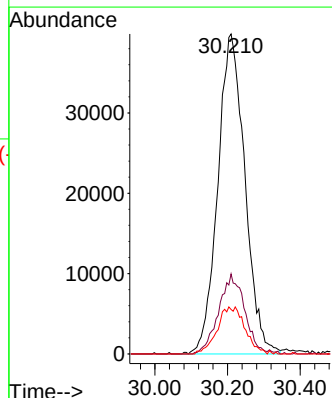
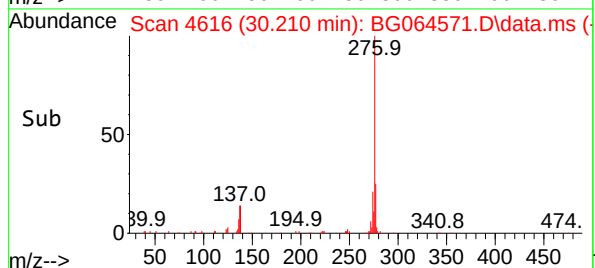
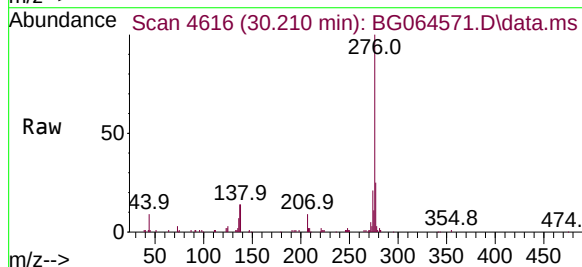
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#92
Benzo(g,h,i)perylene
Concen: 10.173 ng
RT: 30.210 min Scan# 4616
Delta R.T. -0.023 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:276 Resp: 206153
Ion Ratio Lower Upper
276 100
277 25.0 19.1 28.7
138 13.9 11.3 16.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064572.D
 Acq On : 24 Oct 2025 12:23
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 03 18:00:06 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Nov 03 17:56:56 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.217	152	46818	20.000	ng	0.00
21) Naphthalene-d8	11.049	136	192551	20.000	ng	0.00
39) Acenaphthene-d10	14.845	164	147520	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	357228	20.000	ng	0.00
76) Chrysene-d12	21.854	240	408574	20.000	ng	0.00
86) Perylene-d12	25.198	264	430370	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	108123	38.764	ng	0.00
7) Phenol-d6	7.348	99	146608	38.304	ng	0.00
23) Nitrobenzene-d5	9.381	82	121107	37.777	ng	0.00
42) 2,4,6-Tribromophenol	16.320	330	80231	37.682	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	385251	39.584	ng	0.00
79) Terphenyl-d14	20.168	244	870741	40.219	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.588	88	24533	19.867	ng	99
3) Pyridine	3.999	79	72660	19.593	ng	96
4) n-Nitrosodimethylamine	3.905	42	37799	19.007	ng	# 90
6) Aniline	7.530	93	99762	19.155	ng	99
8) 2-Chlorophenol	7.777	128	56018	19.187	ng	93
9) Benzaldehyde	7.342	77	46540	22.273	ng	97
10) Phenol	7.377	94	81849	19.337	ng	97
11) bis(2-Chloroethyl)ether	7.624	93	60495	19.439	ng	93
12) 1,3-Dichlorobenzene	8.112	146	65241	19.415	ng	99
13) 1,4-Dichlorobenzene	8.259	146	67506	19.757	ng	94
14) 1,2-Dichlorobenzene	8.582	146	63867	19.380	ng	99
15) Benzyl Alcohol	8.447	79	59123	18.732	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.740	45	158985	19.476	ng	97
17) 2-Methylphenol	8.646	107	55174	19.632	ng	97
18) Hexachloroethane	9.322	117	23663	19.735	ng	97
19) n-Nitroso-di-n-propyla...	9.022	70	52857	19.982	ng	# 94
20) 3+4-Methylphenols	8.969	107	74026	18.730	ng	94
22) Acetophenone	9.040	105	101737	19.328	ng	96
24) Nitrobenzene	9.422	77	66292	19.012	ng	95
25) Isophorone	9.951	82	148388	19.290	ng	98
26) 2-Nitrophenol	10.145	139	21166	17.837	ng	92
27) 2,4-Dimethylphenol	10.192	122	54972	19.211	ng	90
28) bis(2-Chloroethoxy)met...	10.432	93	85225	19.458	ng	97
29) 2,4-Dichlorophenol	10.679	162	60695	19.710	ng	96
30) 1,2,4-Trichlorobenzene	10.908	180	67078	19.171	ng	97
31) Naphthalene	11.096	128	208734	19.552	ng	99
32) Benzoic acid	10.274	122	31567m	18.155	ng	
33) 4-Chloroaniline	11.190	127	79067	19.055	ng	96
34) Hexachlorobutadiene	11.390	225	54233	19.820	ng	98
35) Caprolactam	11.931	113	22010	18.635	ng	93
36) 4-Chloro-3-methylphenol	12.289	107	69582	18.798	ng	92
37) 2-Methylnaphthalene	12.689	142	153445	19.577	ng	97
38) 1-Methylnaphthalene	12.906	142	149456	19.266	ng	97
40) 1,2,4,5-Tetrachloroben...	13.053	216	95653	19.320	ng	99
41) Hexachlorocyclopentadiene	13.035	237	41178	18.479	ng	97
43) 2,4,6-Trichlorophenol	13.276	196	55295	19.525	ng	95

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 Data File : BG064572.D
 Acq On : 24 Oct 2025 12:23
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 03 18:00:06 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Nov 03 17:56:56 2025

Response via : Initial Calibration

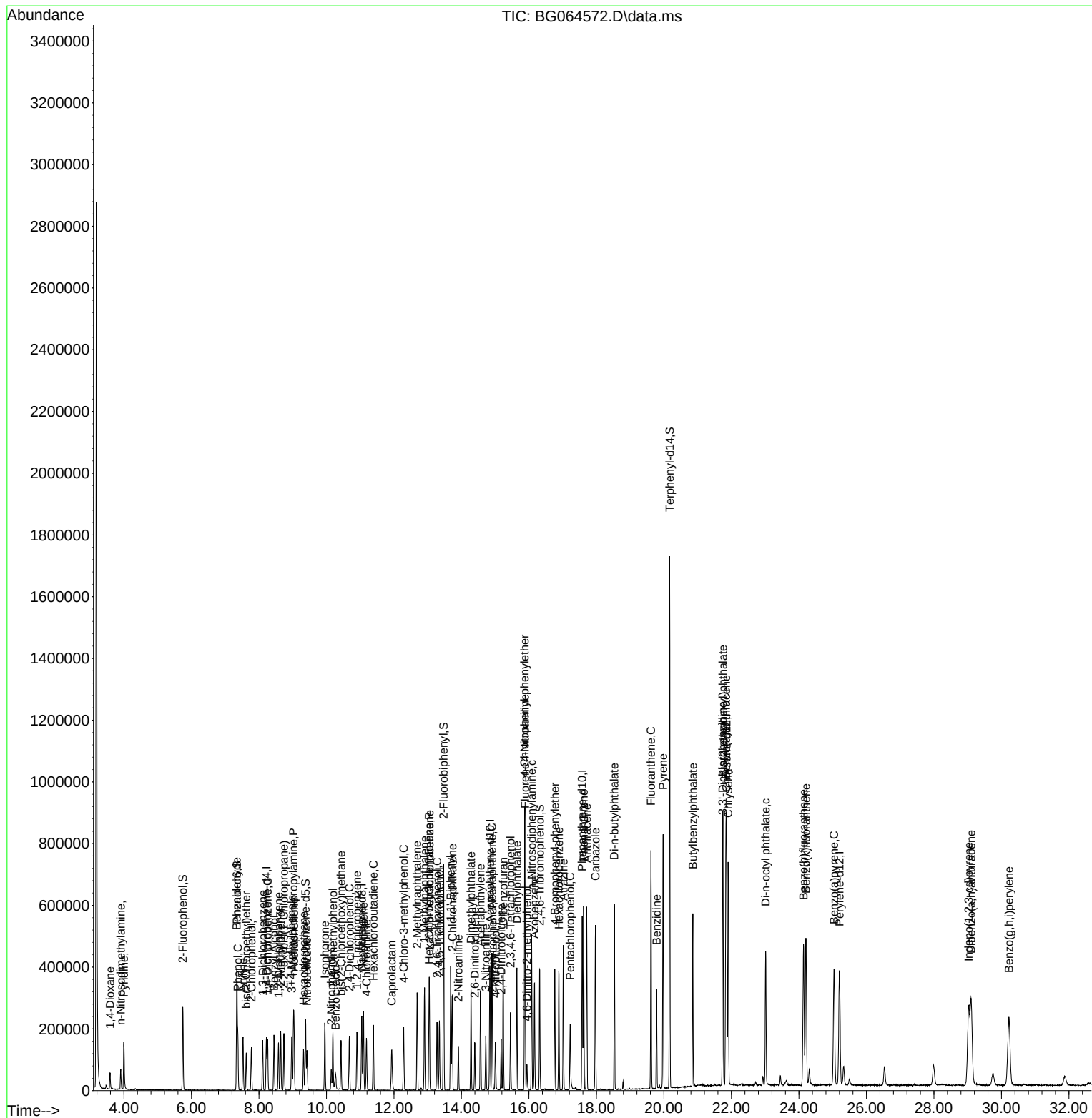
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.347	196	64753	19.814	ng	93
46) 1,1'-Biphenyl	13.682	154	206656	19.705	ng	94
47) 2-Chloronaphthalene	13.729	162	155356	19.625	ng	99
48) 2-Nitroaniline	13.911	65	40854	17.565	ng	98
49) Acenaphthylene	14.563	152	242914	19.454	ng	98
50) Dimethylphthalate	14.281	163	219575	19.452	ng	99
51) 2,6-Dinitrotoluene	14.393	165	28427	17.440	ng	96
52) Acenaphthene	14.904	154	164542	19.287	ng	96
53) 3-Nitroaniline	14.722	138	37234	19.193	ng	# 99
54) 2,4-Dinitrophenol	14.921	184	16182	18.744	ng	# 29
55) Dibenzofuran	15.239	168	269419	19.534	ng	98
56) 4-Nitrophenol	15.009	139	31366	17.439	ng	90
57) 2,4-Dinitrotoluene	15.180	165	44209	17.427	ng	# 96
58) Fluorene	15.885	166	210426	19.536	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.456	232	59314	18.980	ng	99
60) Diethylphthalate	15.644	149	223398	19.382	ng	99
61) 4-Chlorophenyl-phenyle...	15.873	204	116865	19.333	ng	98
62) 4-Nitroaniline	15.879	138	42261	19.582	ng	99
63) Azobenzene	16.161	77	203101	19.205	ng	99
65) 4,6-Dinitro-2-methylph...	15.944	198	22843	18.316	ng	92
66) n-Nitrosodiphenylamine	16.079	169	187560	19.437	ng	98
67) 4-Bromophenyl-phenylether	16.766	248	82311	19.444	ng	98
68) Hexachlorobenzene	16.890	284	93647	19.391	ng	96
69) Atrazine	17.019	200	88832	21.392	ng	95
70) Pentachlorophenol	17.219	266	54275	18.022	ng	88
71) Phenanthrene	17.618	178	383359	19.624	ng	99
72) Anthracene	17.712	178	393312	19.792	ng	100
73) Carbazole	17.971	167	350722	20.014	ng	99
74) Di-n-butylphthalate	18.529	149	421239	20.788	ng	100
75) Fluoranthene	19.616	202	492924	20.142	ng	99
77) Benzidine	19.780	184	194070	21.201	ng	99
78) Pyrene	19.974	202	524431	19.646	ng	99
80) Butylbenzylphthalate	20.856	149	158394	19.633	ng	97
81) Benzo(a)anthracene	21.837	228	528009	19.490	ng	100
82) 3,3'-Dichlorobenzidine	21.737	252	174803	19.323	ng	99
83) Chrysene	21.901	228	502125	19.479	ng	97
84) Bis(2-ethylhexyl)phtha...	21.749	149	237524	19.703	ng	100
85) Di-n-octyl phthalate	23.012	149	380895	18.740	ng	99
87) Indeno(1,2,3-cd)pyrene	29.028	276	606702	19.163	ng	99
88) Benzo(b)fluoranthene	24.134	252	503145	19.066	ng	98
89) Benzo(k)fluoranthene	24.205	252	518915	19.650	ng	99
90) Benzo(a)pyrene	25.039	252	470556	19.398	ng	98
91) Dibenzo(a,h)anthracene	29.099	278	498395	19.377	ng	97
92) Benzo(g,h,i)perylene	30.221	276	468496	19.067	ng	99

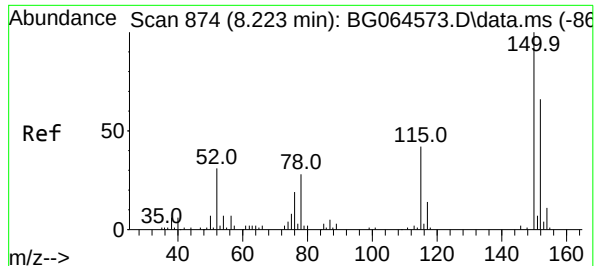
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Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

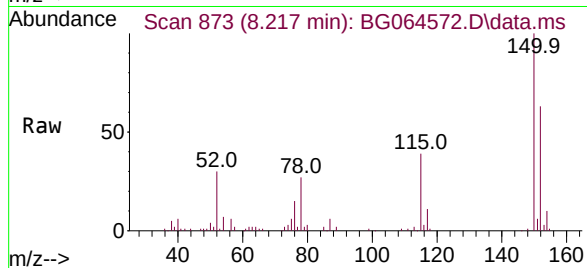
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

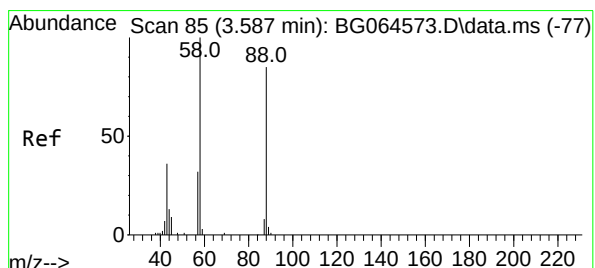
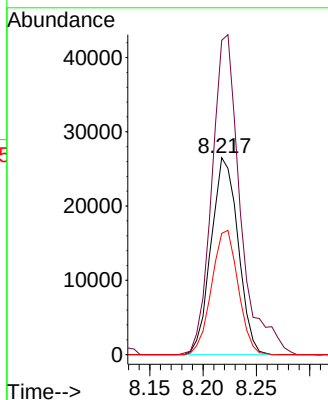
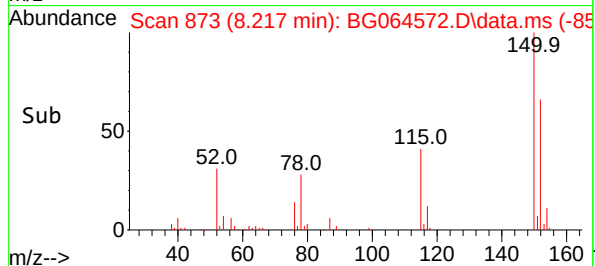
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:152 Resp: 46818
Ion Ratio Lower Upper
152 100
150 159.6 122.2 183.4
115 61.5 50.8 76.2

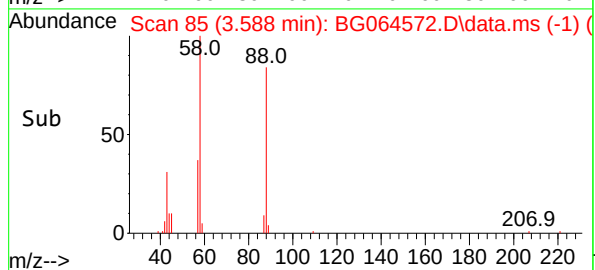
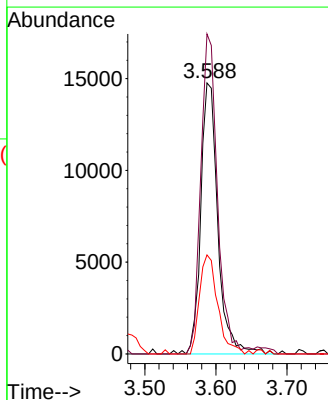
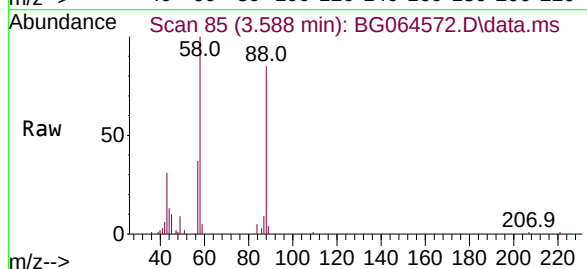
Manual Integrations
APPROVED

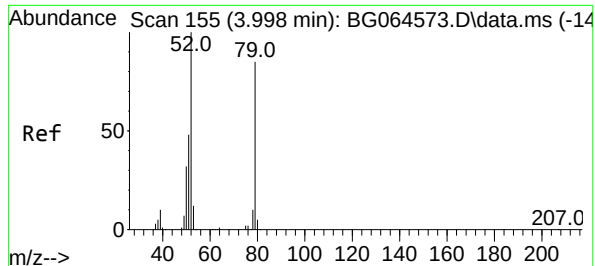
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#2
1,4-Dioxane
Concen: 19.867 ng
RT: 3.588 min Scan# 85
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion: 88 Resp: 24533
Ion Ratio Lower Upper
88 100
58 114.9 92.4 138.6
43 38.9 33.0 49.6





#3

Pyridine

Concen: 19.593 ng

RT: 3.999 min Scan# 11

Delta R.T. 0.000 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 72660

Ion Ratio Lower Upper

79 100

52 113.1 94.2 141.2

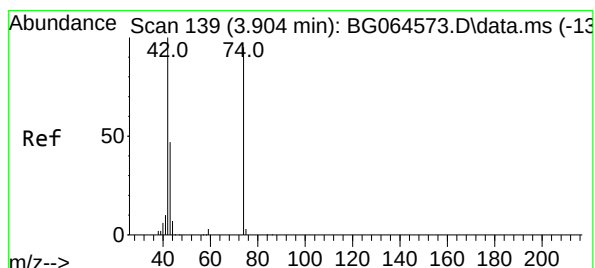
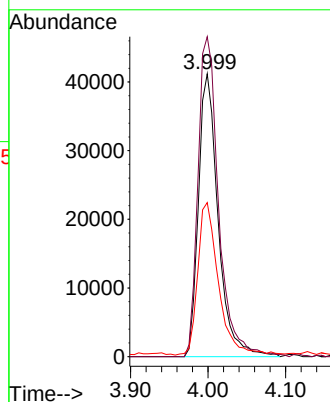
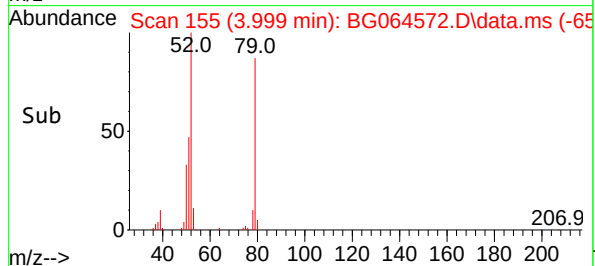
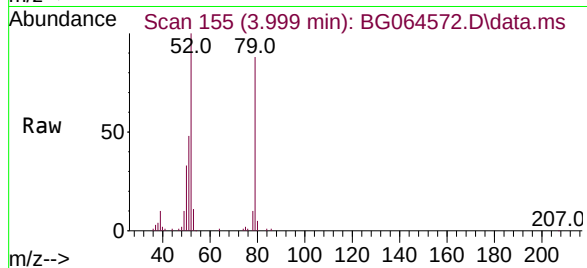
51 54.4 46.1 69.1

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#4

n-Nitrosodimethylamine

Concen: 19.007 ng

RT: 3.905 min Scan# 139

Delta R.T. 0.000 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

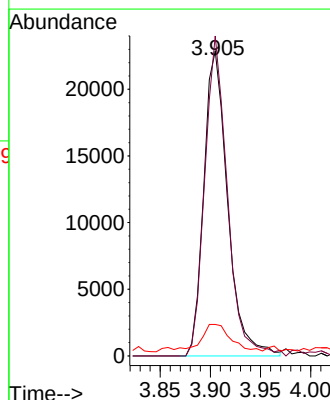
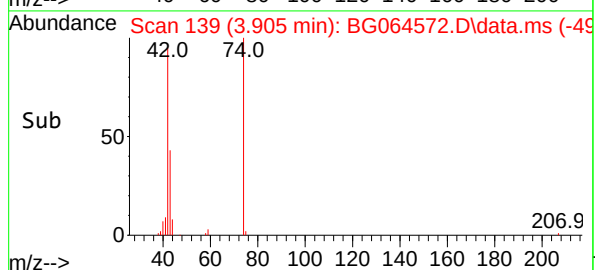
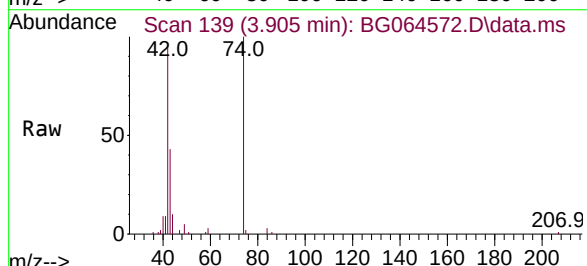
Tgt Ion: 42 Resp: 37799

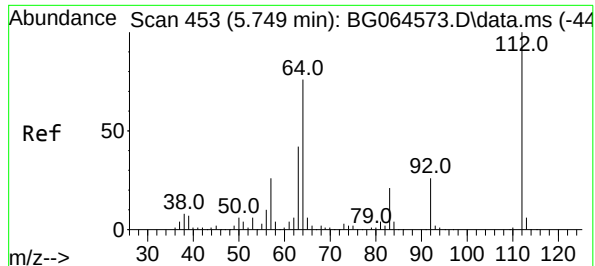
Ion Ratio Lower Upper

42 100

74 105.0 76.1 114.1

44 10.3 6.3 9.5#





#5
2-Fluorophenol
Concen: 38.764 ng
RT: 5.744 min Scan# 452
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :

BNA_G

ClientSampleId :

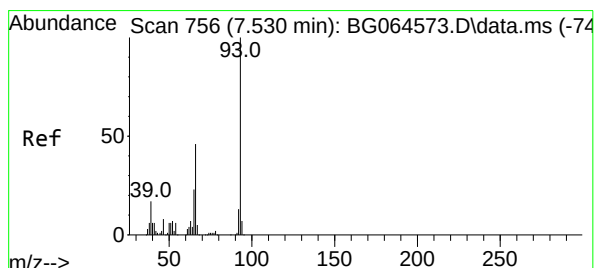
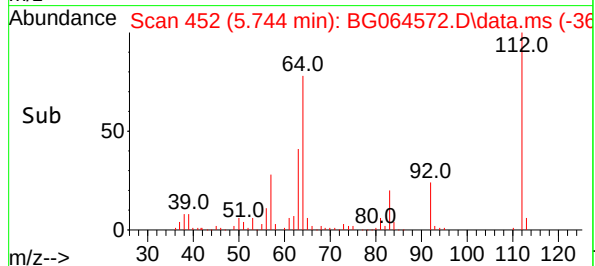
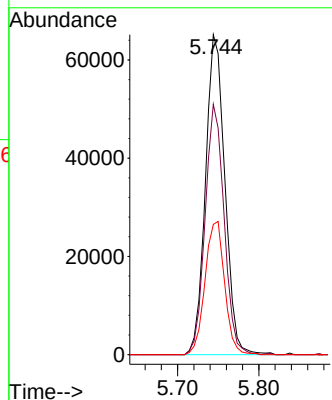
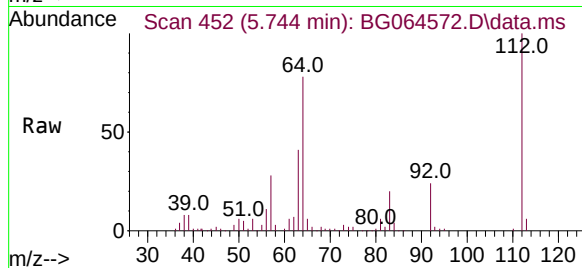
SSTDICC020

Tgt Ion	Ratio	Lower	Upper
112	100		
64	78.2	60.7	91.1
63	40.7	33.4	50.0

Manual Integrations

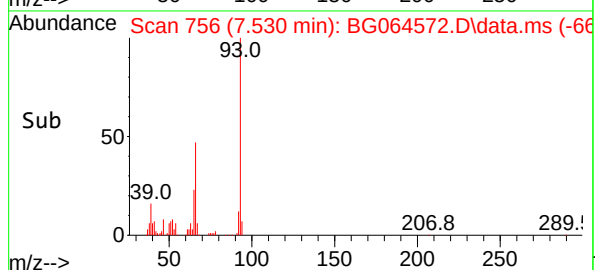
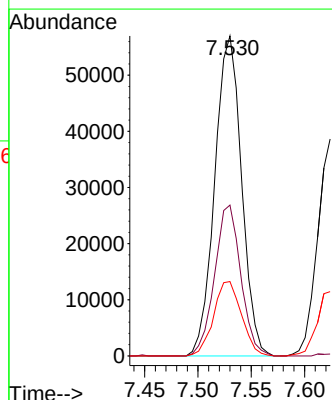
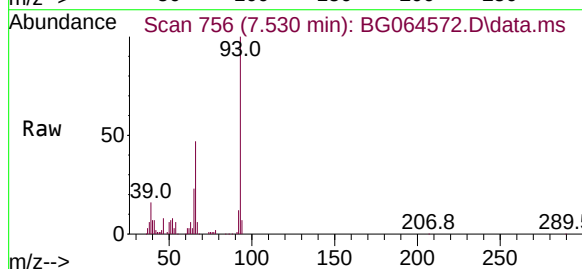
APPROVED

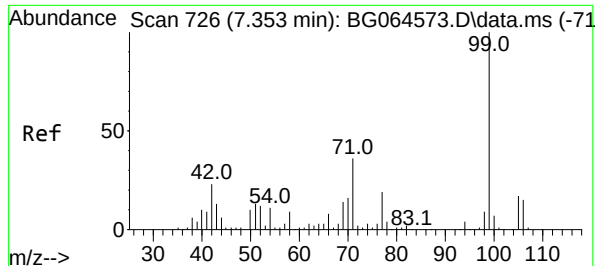
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#6
Aniline
Concen: 19.155 ng
RT: 7.530 min Scan# 756
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion	Ratio	Lower	Upper
93	100		
66	47.2	37.0	55.6
65	23.2	18.3	27.5





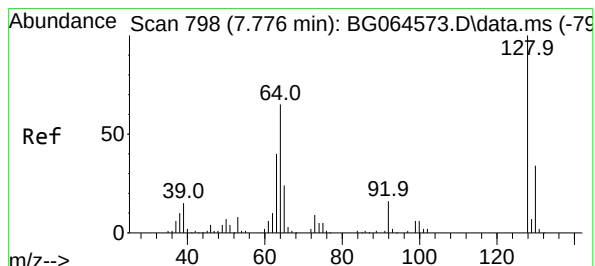
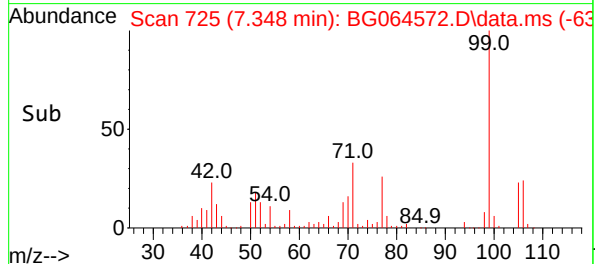
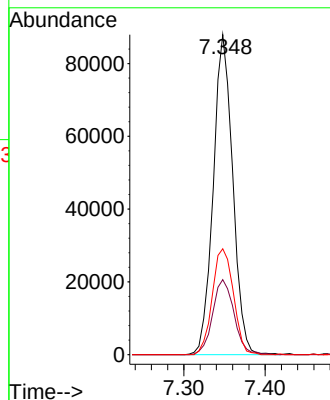
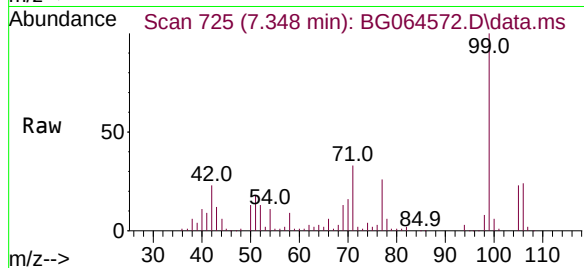
#7
Phenol-d6
Concen: 38.304 ng
RT: 7.348 min Scan# 725
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion: 99 Resp: 146608
Ion Ratio Lower Upper
99 100
42 23.4 18.3 27.5
71 33.1 28.6 43.0

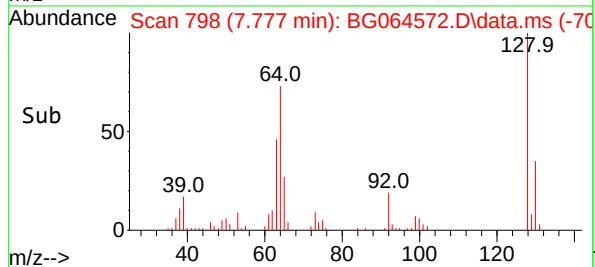
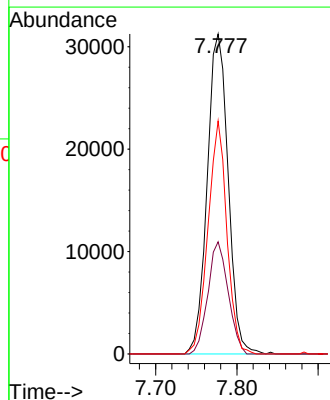
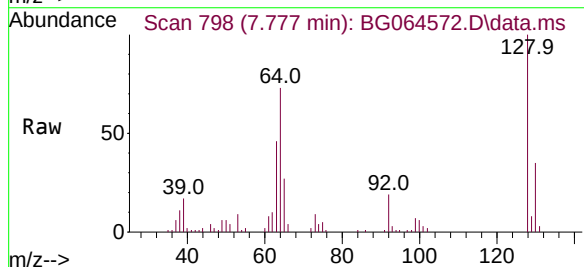
Manual Integrations
APPROVED

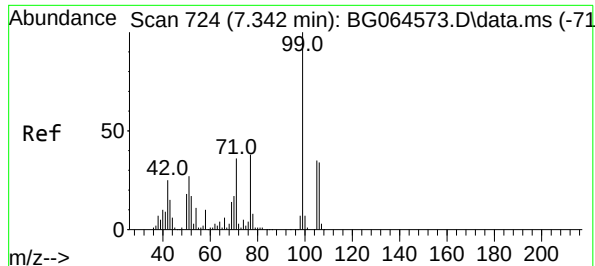
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#8
2-Chlorophenol
Concen: 19.187 ng
RT: 7.777 min Scan# 798
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

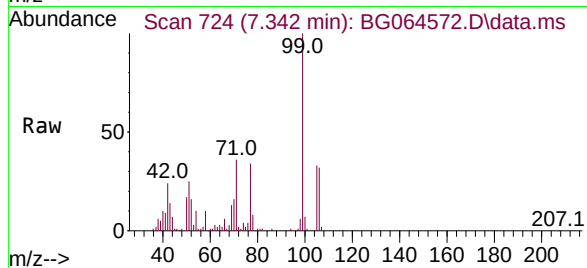
Tgt Ion:128 Resp: 56018
Ion Ratio Lower Upper
128 100
130 35.0 13.5 53.5
64 72.8 45.2 85.2





#9
Benzaldehyde
Concen: 22.273 ng
RT: 7.342 min Scan# 71
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

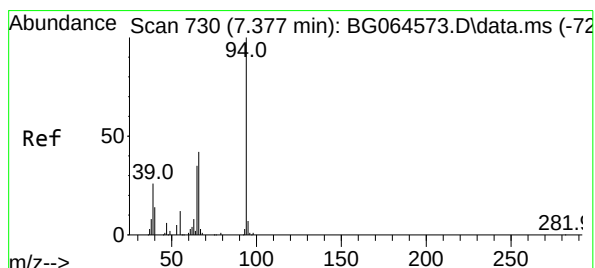
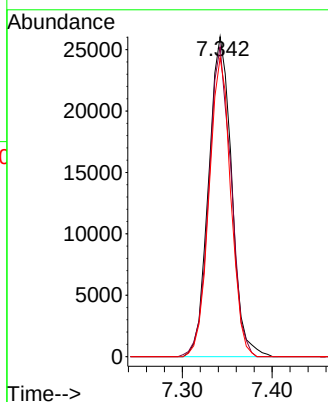
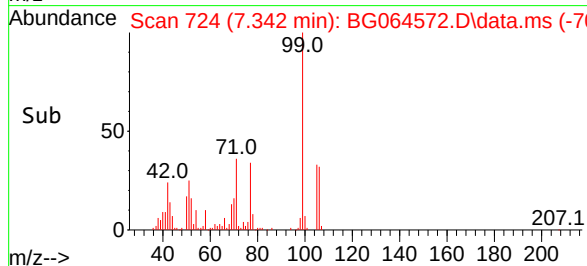
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BNA_G
ClientSampleId :
SSTDICC020



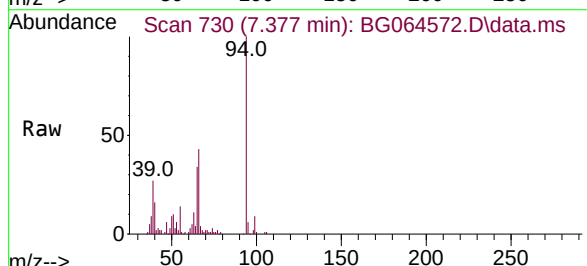
Tgt Ion: 77 Resp: 46540
Ion Ratio Lower Upper
77 100
105 96.8 72.9 112.9
106 93.4 70.8 110.8

Manual Integrations
APPROVED

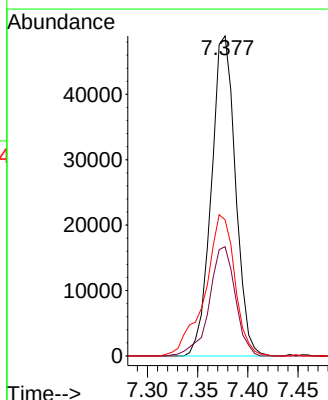
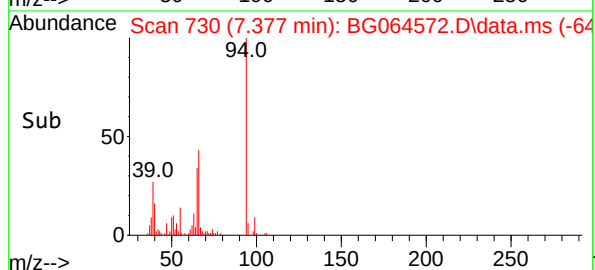
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

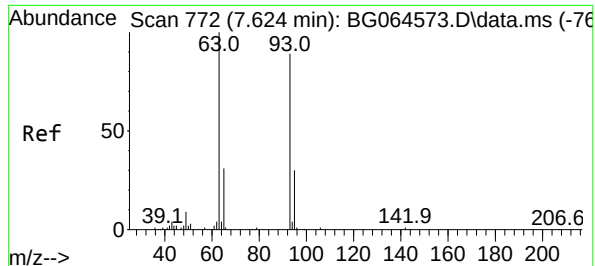


#10
Phenol
Concen: 19.337 ng
RT: 7.377 min Scan# 730
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23



Tgt Ion: 94 Resp: 81849
Ion Ratio Lower Upper
94 100
65 34.1 15.8 55.8
66 42.5 24.0 64.0





#11

bis(2-Chloroethyl)ether

Concen: 19.439 ng

RT: 7.624 min Scan# 772

Delta R.T. 0.000 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion: 93 Resp: 60495

Ion Ratio Lower Upper

93 100

63 103.3 91.3 131.3

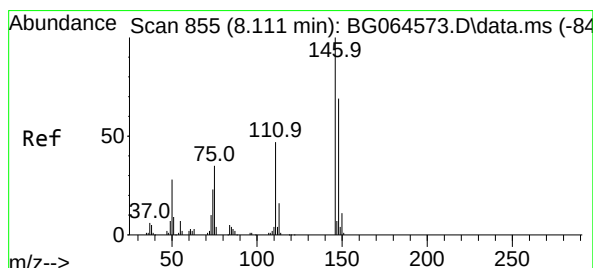
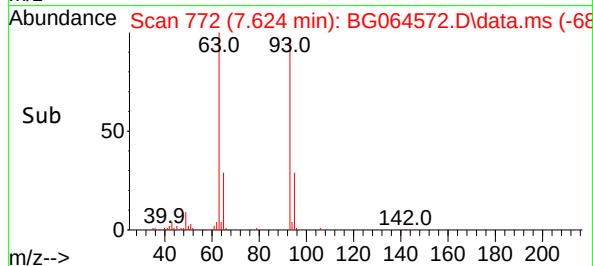
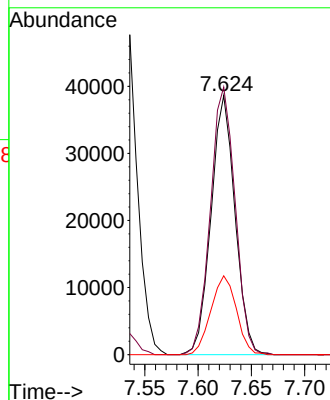
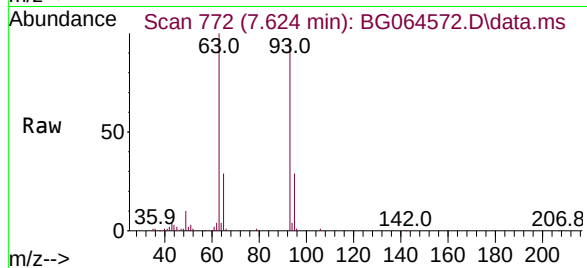
95 30.4 13.3 53.3

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#12

1,3-Dichlorobenzene

Concen: 19.415 ng

RT: 8.112 min Scan# 855

Delta R.T. 0.000 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

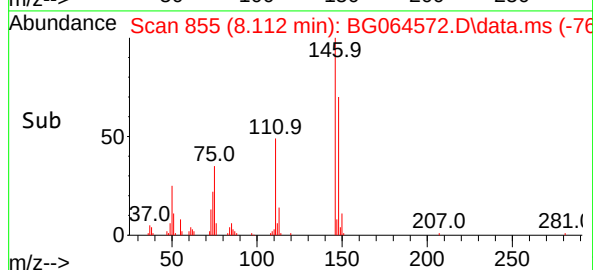
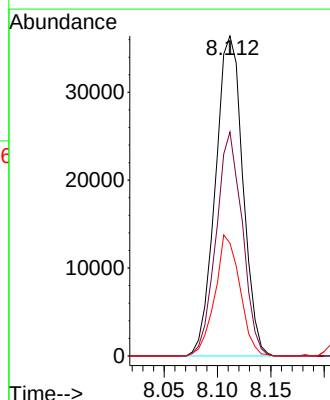
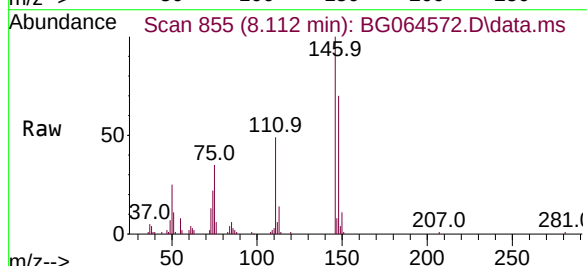
Tgt Ion:146 Resp: 65241

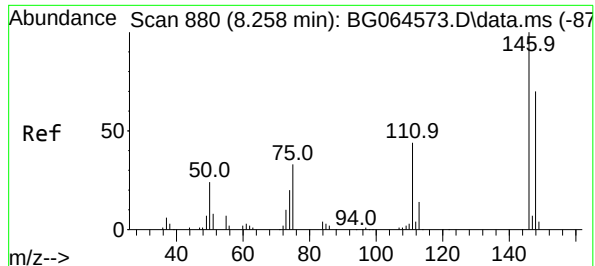
Ion Ratio Lower Upper

146 100

148 70.0 55.3 82.9

75 35.2 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 19.757 ng

RT: 8.259 min Scan# 880

Delta R.T. 0.000 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:146 Resp: 67500

Ion Ratio Lower Upper

146 100

148 62.4 56.2 84.4

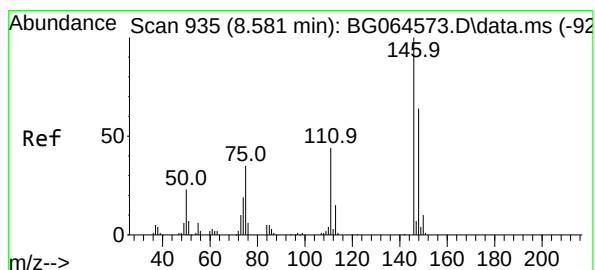
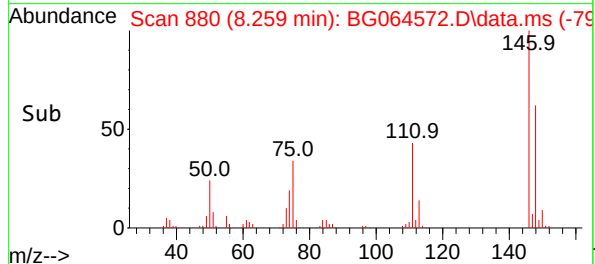
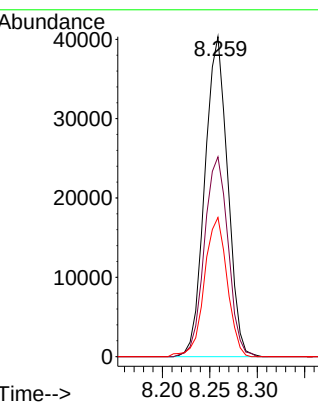
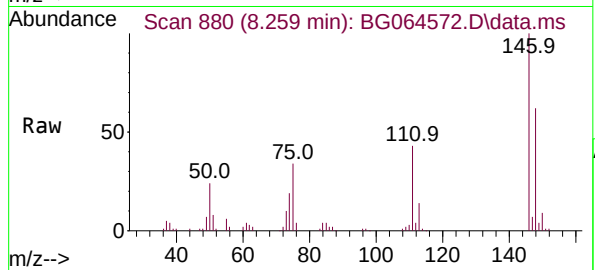
111 43.5 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#14

1,2-Dichlorobenzene

Concen: 19.380 ng

RT: 8.582 min Scan# 935

Delta R.T. 0.000 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

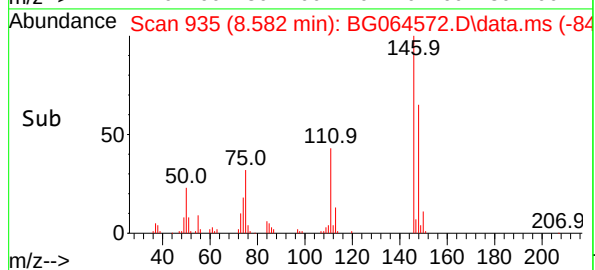
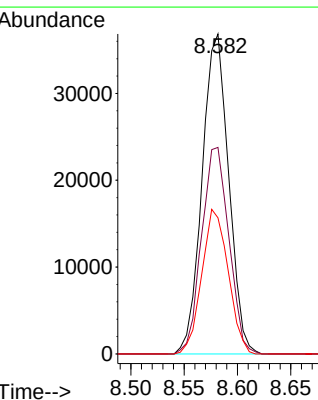
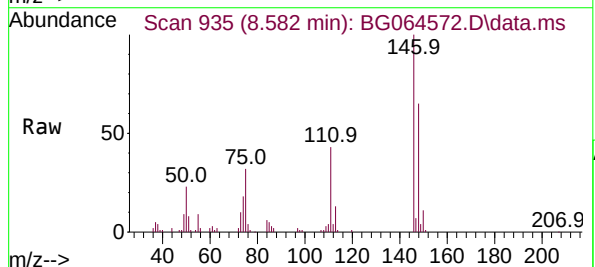
Tgt Ion:146 Resp: 63867

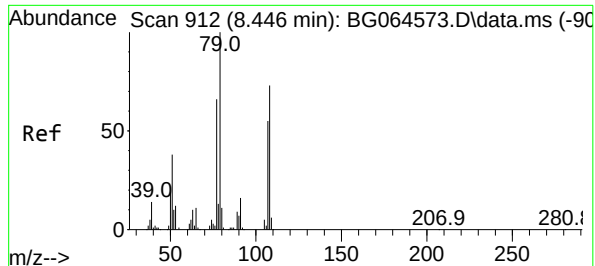
Ion Ratio Lower Upper

146 100

148 64.5 51.5 77.3

111 42.5 35.0 52.6





#15

Benzyl Alcohol

Concen: 18.732 ng

RT: 8.447 min Scan# 912

Delta R.T. 0.000 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 59123

Ion Ratio Lower Upper

79 100

108 70.4 58.1 87.1

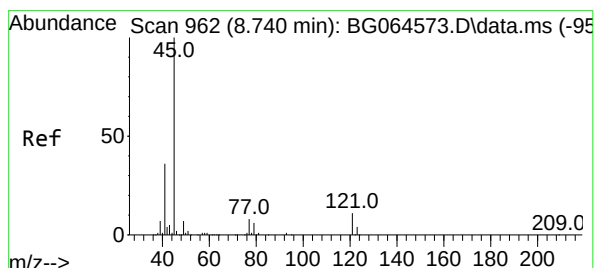
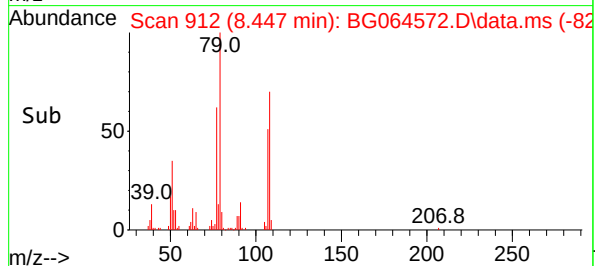
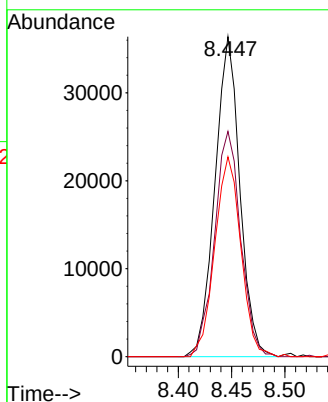
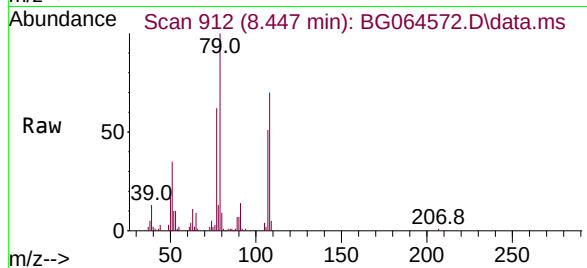
77 62.4 52.8 79.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 19.476 ng

RT: 8.740 min Scan# 962

Delta R.T. 0.000 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

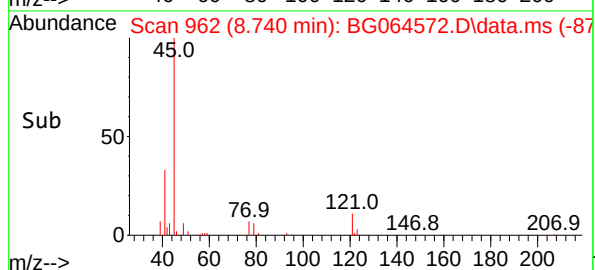
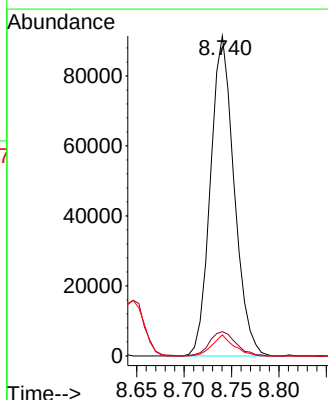
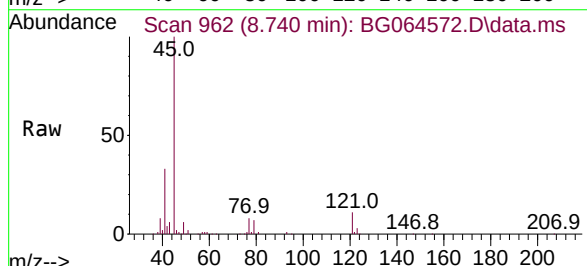
Tgt Ion: 45 Resp: 158985

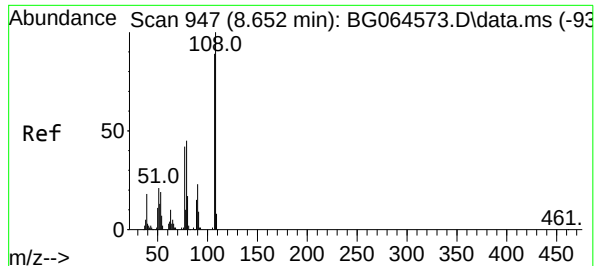
Ion Ratio Lower Upper

45 100

77 7.6 0.0 28.5

79 6.6 0.0 25.6





#17

2-Methylphenol

Concen: 19.632 ng

RT: 8.646 min Scan# 947

Delta R.T. -0.005 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:107 Resp: 55174

Ion Ratio Lower Upper

107 100

108 108.3 90.0 135.0

77 47.9 37.8 56.8

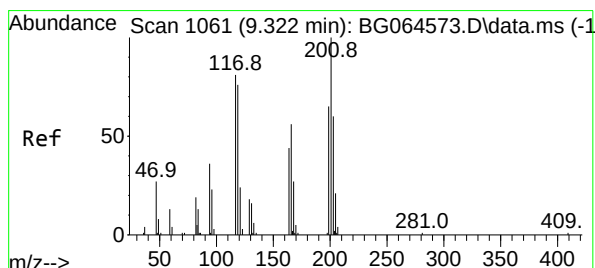
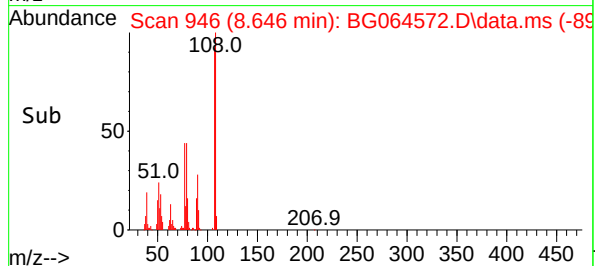
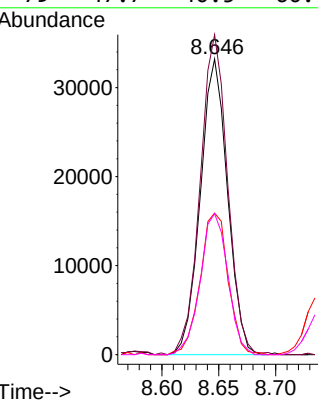
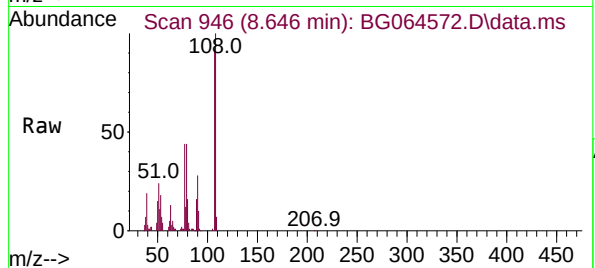
79 47.7 40.5 60.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#18

Hexachloroethane

Concen: 19.735 ng

RT: 9.322 min Scan# 1061

Delta R.T. 0.000 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

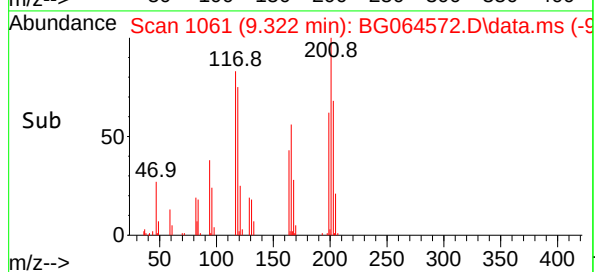
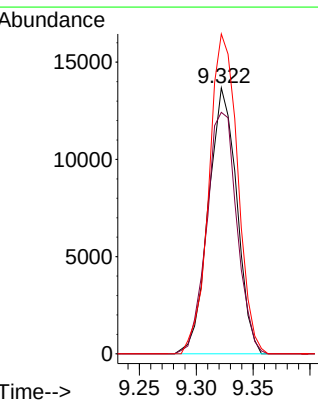
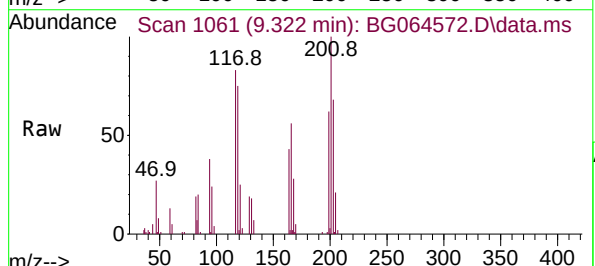
Tgt Ion:117 Resp: 23663

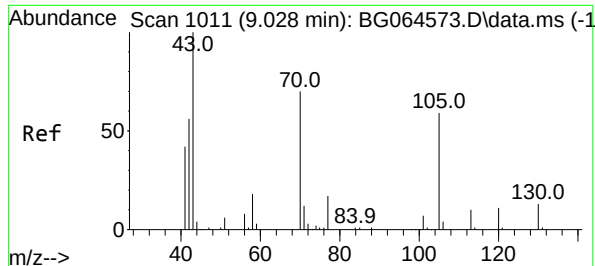
Ion Ratio Lower Upper

117 100

119 90.8 75.4 113.2

201 120.3 99.2 148.8





#19

n-Nitroso-di-n-propylamine

Concen: 19.982 ng

RT: 9.022 min Scan# 1011

Delta R.T. -0.005 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 5285

Ion Ratio Lower Upper

70 100

42 75.6 65.2 97.8

101 7.6 7.9 11.9

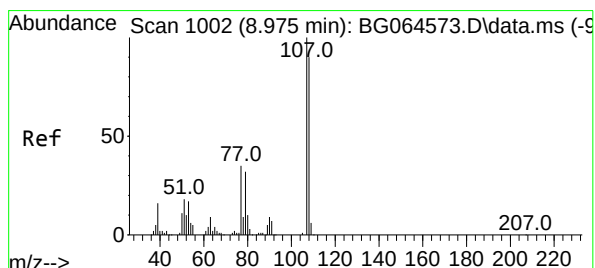
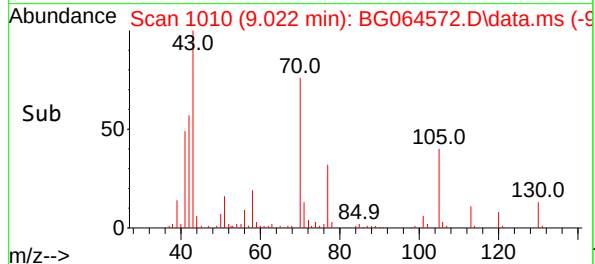
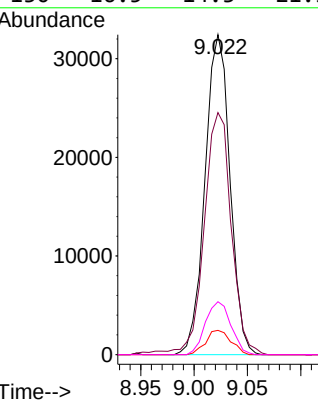
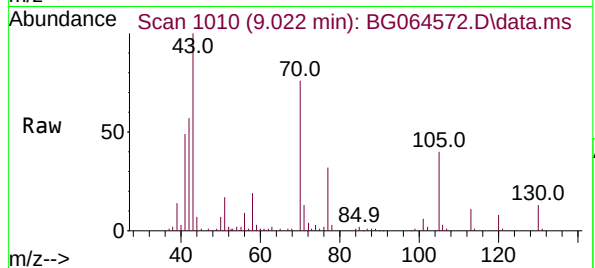
130 16.5 14.3 21.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#20

3+4-Methylphenols

Concen: 18.730 ng

RT: 8.969 min Scan# 1001

Delta R.T. -0.005 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

Tgt Ion:107 Resp: 74026

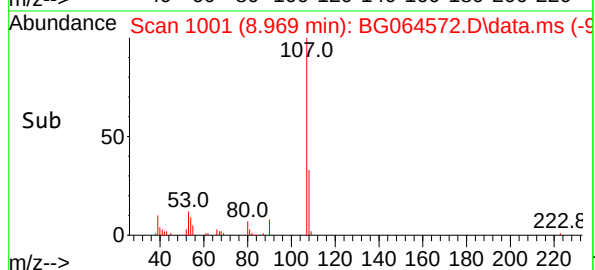
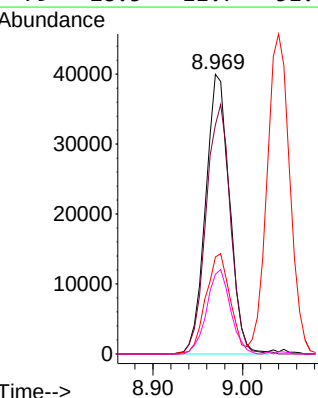
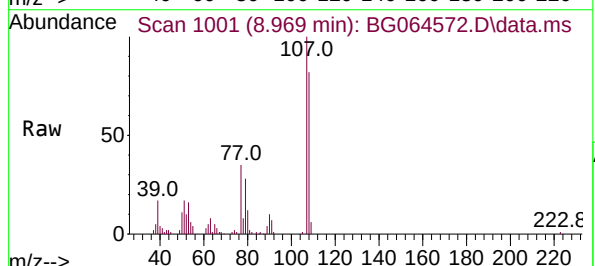
Ion Ratio Lower Upper

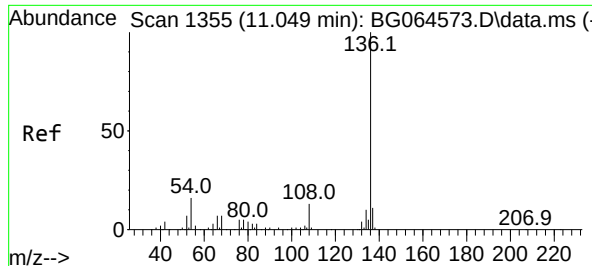
107 100

108 81.9 70.3 110.3

77 34.6 14.6 54.6

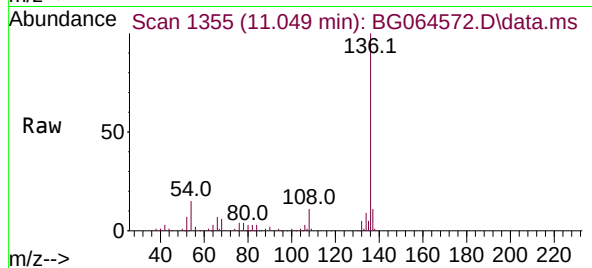
79 28.5 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.049 min Scan# 1355
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

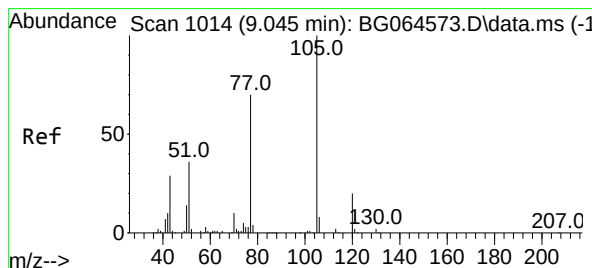
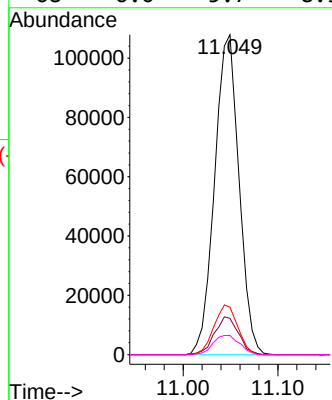
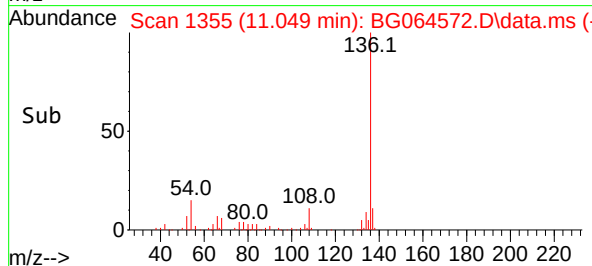
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:136 Resp: 19255
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 14.8 12.6 19.0
68 6.0 5.7 8.5

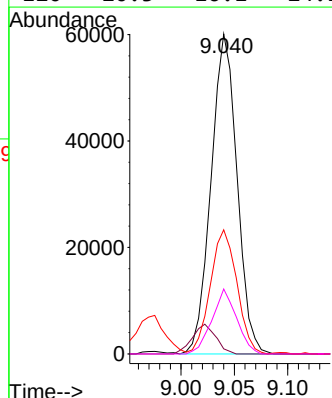
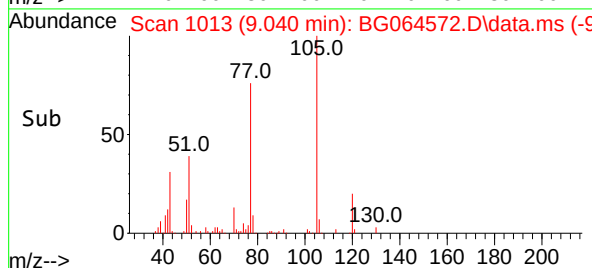
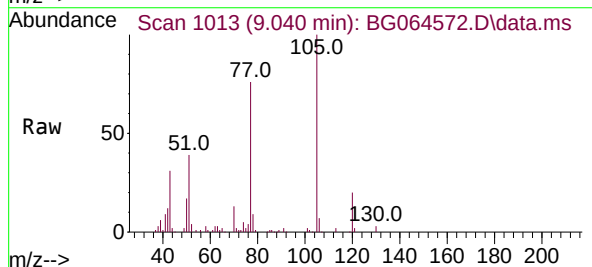
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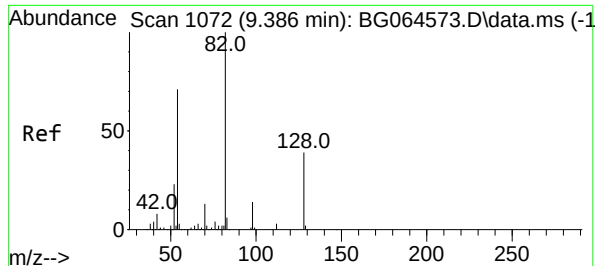
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#22
Acetophenone
Concen: 19.328 ng
RT: 9.040 min Scan# 1013
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:105 Resp: 101737
Ion Ratio Lower Upper
105 100
71 1.6 1.5 2.3
51 38.8 33.7 50.5
120 20.3 16.1 24.1





#23

Nitrobenzene-d5

Concen: 37.777 ng

RT: 9.381 min Scan# 1071

Delta R.T. -0.005 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 121107

Ion Ratio Lower Upper

82 100

128 39.2 31.3 46.9

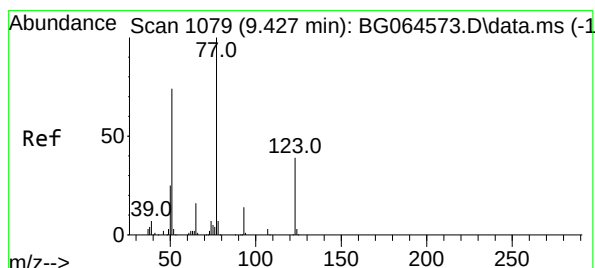
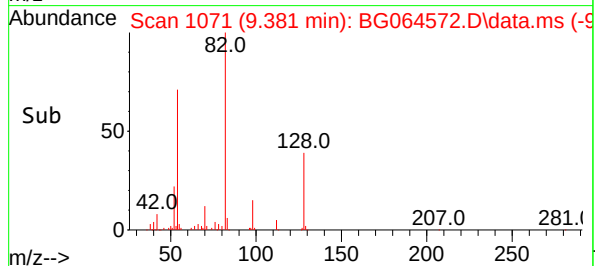
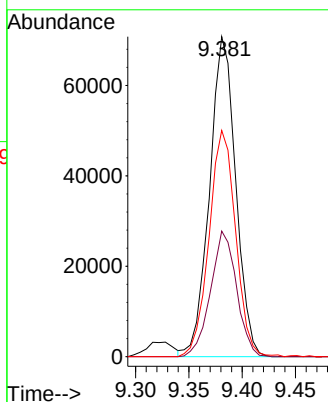
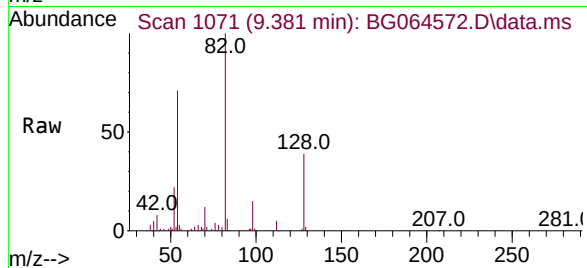
54 70.7 56.6 84.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#24

Nitrobenzene

Concen: 19.012 ng

RT: 9.422 min Scan# 1078

Delta R.T. -0.005 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

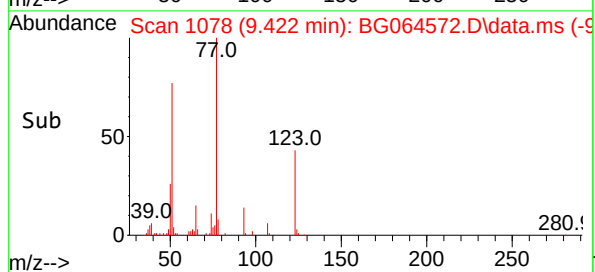
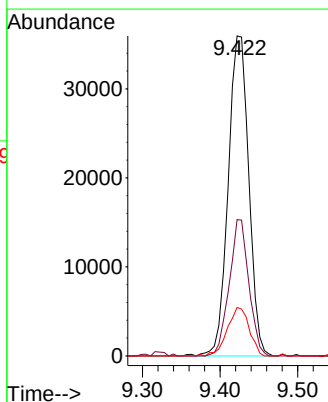
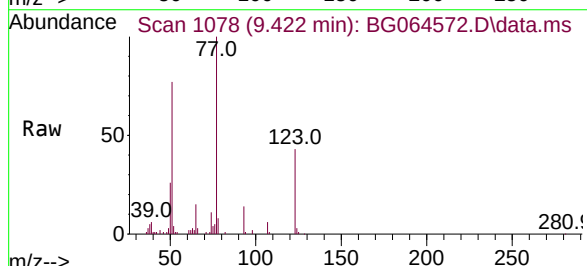
Tgt Ion: 77 Resp: 66292

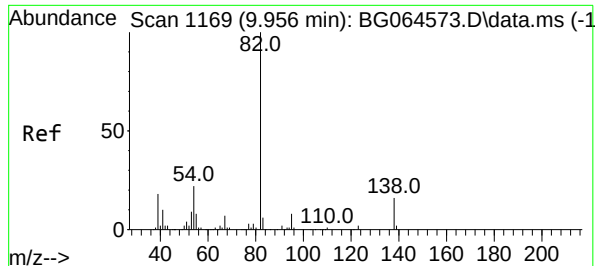
Ion Ratio Lower Upper

77 100

123 42.6 31.0 46.6

65 15.1 12.7 19.1





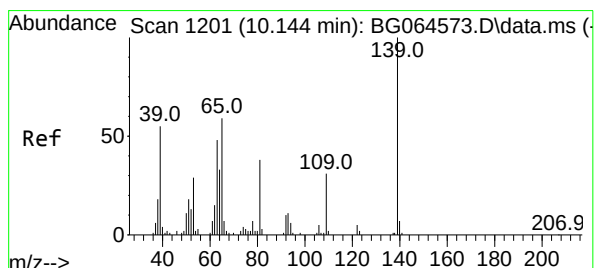
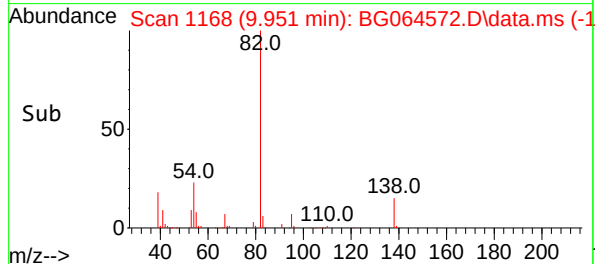
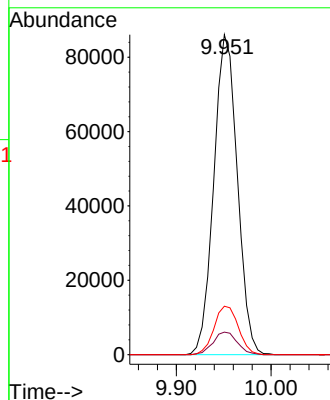
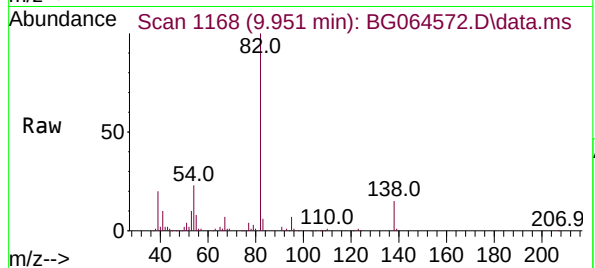
#25
Isophorone
Concen: 19.290 ng
RT: 9.951 min Scan# 1168
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 148388
Ion Ratio Lower Upper
82 100
95 7.0 6.1 9.1
138 15.1 13.0 19.4

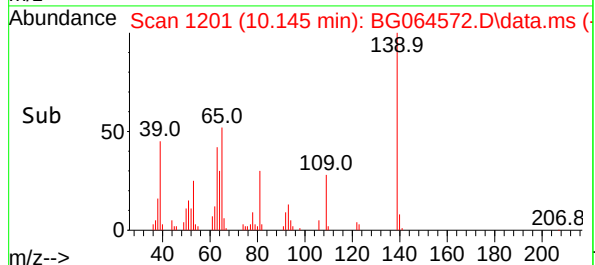
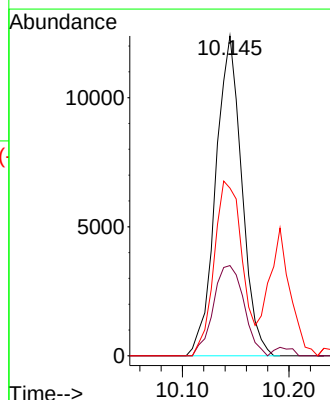
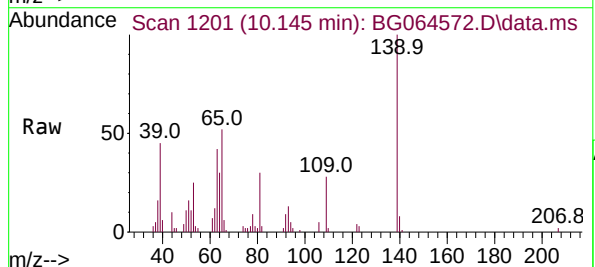
Manual Integrations
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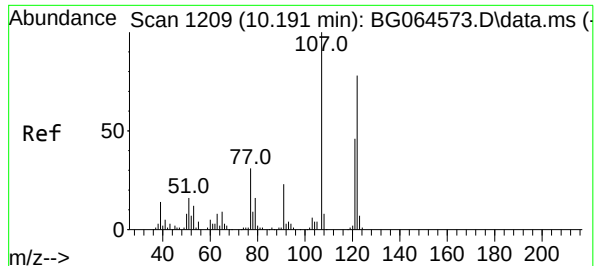
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#26
2-Nitrophenol
Concen: 17.837 ng
RT: 10.145 min Scan# 1201
Delta R.T. 0.001 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

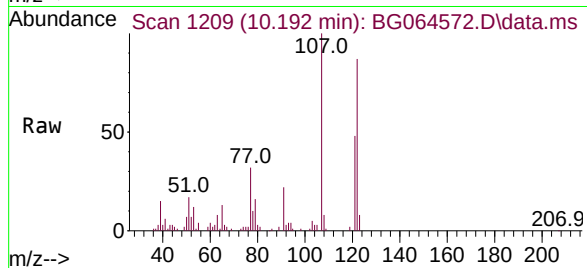
Tgt Ion:139 Resp: 21166
Ion Ratio Lower Upper
139 100
109 28.2 24.6 37.0
65 52.4 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 19.211 ng
RT: 10.192 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

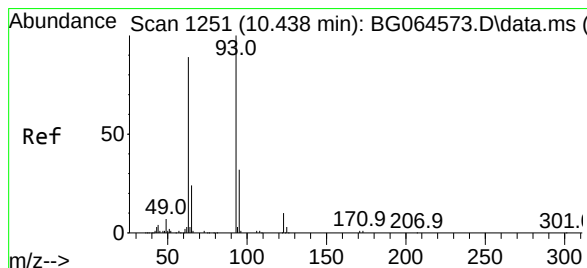
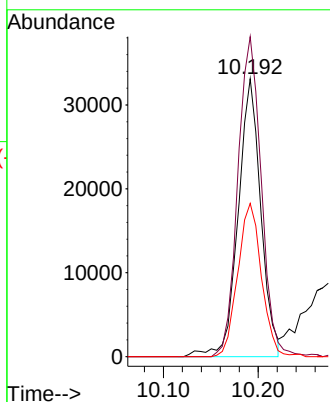
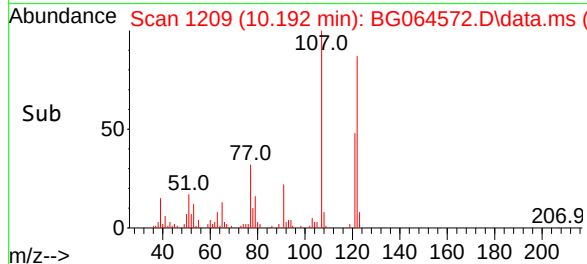
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:122 Resp: 54972
Ion Ratio Lower Upper
122 100
107 115.2 103.0 154.4
121 55.1 47.8 71.8

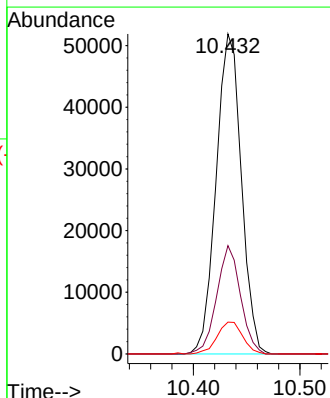
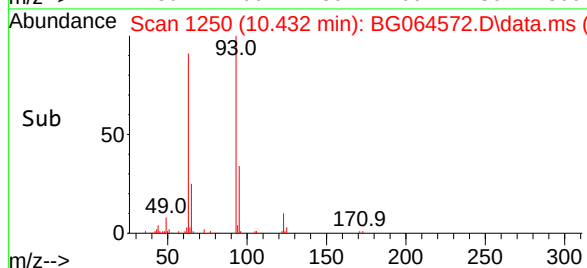
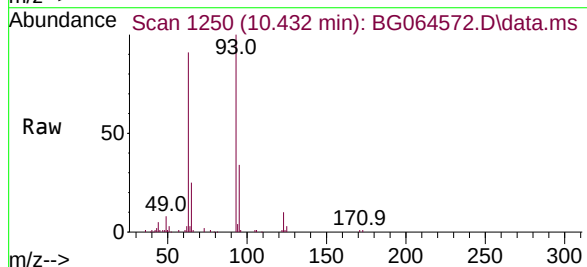
Manual Integrations
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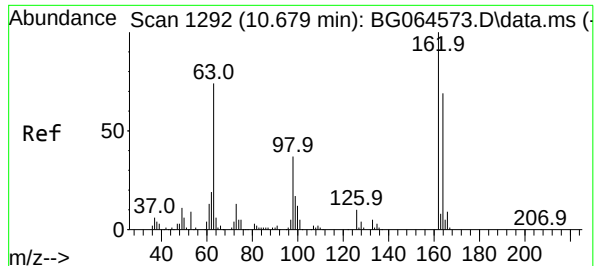
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#28
bis(2-Chloroethoxy)methane
Concen: 19.458 ng
RT: 10.432 min Scan# 1250
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion: 93 Resp: 85225
Ion Ratio Lower Upper
93 100
95 33.8 25.4 38.2
123 9.9 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 19.710 ng

RT: 10.679 min Scan# 1292

Delta R.T. 0.000 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:162 Resp: 60695

Ion Ratio Lower Upper

162 100

164 66.4 48.7 88.7

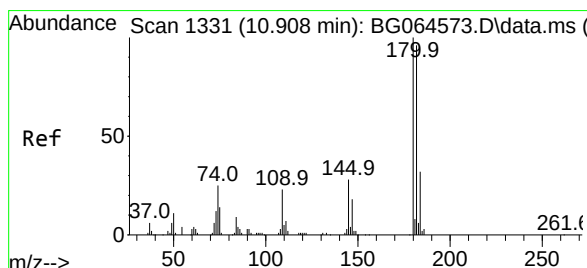
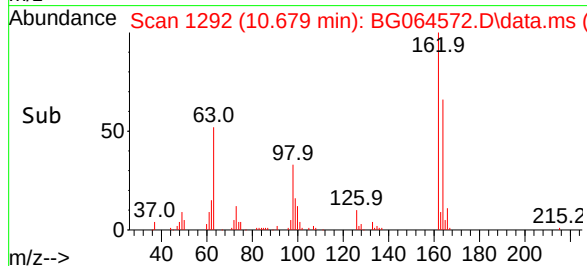
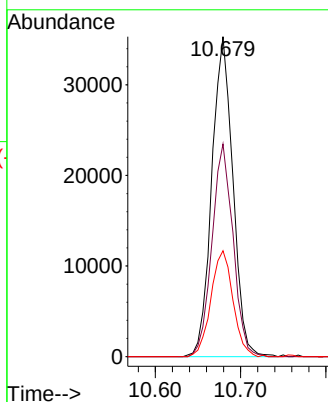
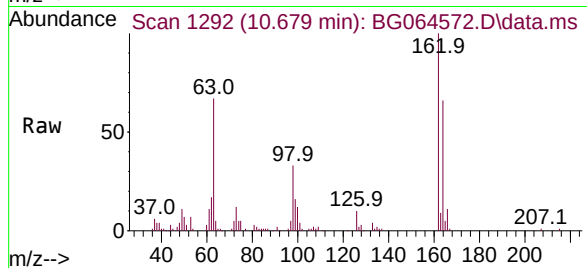
98 33.1 16.9 56.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#30

1,2,4-Trichlorobenzene

Concen: 19.171 ng

RT: 10.908 min Scan# 1331

Delta R.T. 0.000 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

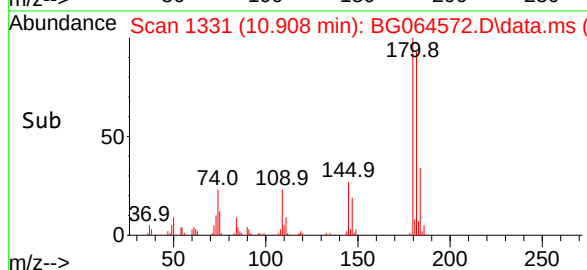
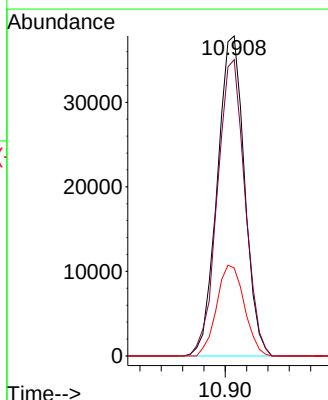
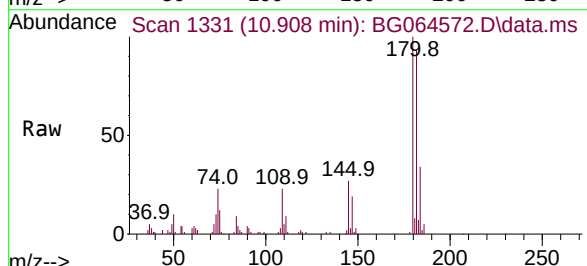
Tgt Ion:180 Resp: 67078

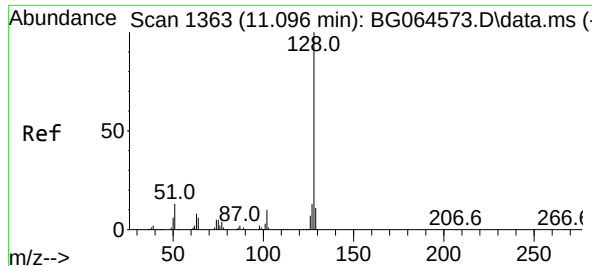
Ion Ratio Lower Upper

180 100

182 92.6 76.9 115.3

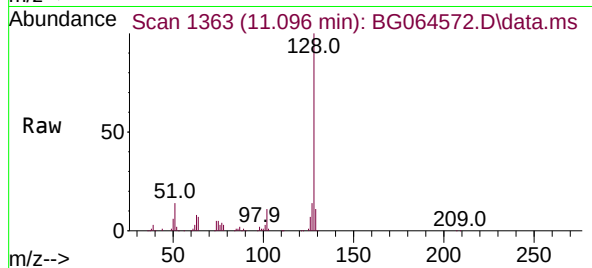
145 27.5 22.1 33.1





#31
Naphthalene
Concen: 19.552 ng
RT: 11.096 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

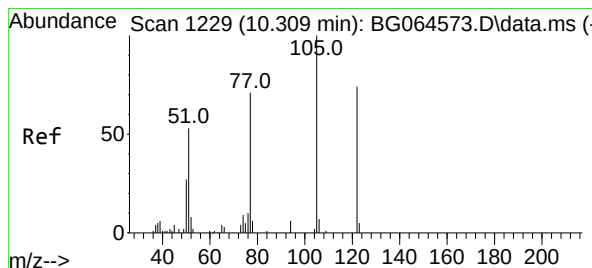
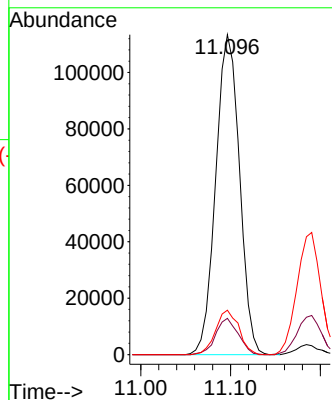
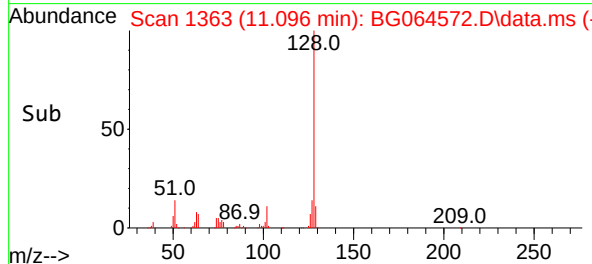
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:128 Resp: 208734
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.9 10.6 15.8

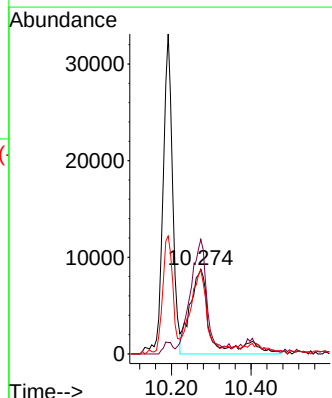
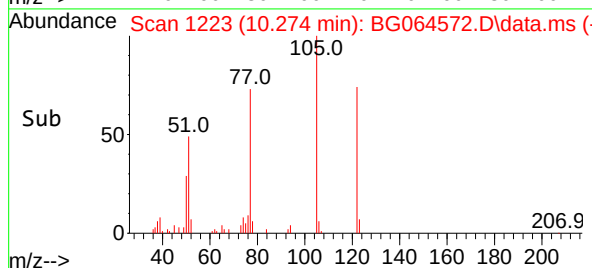
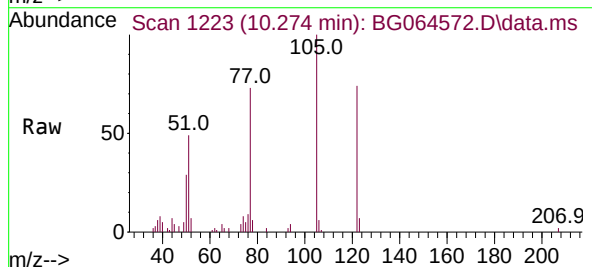
Manual Integrations
APPROVED

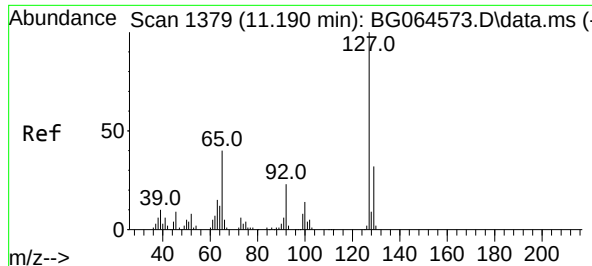
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#32
Benzoic acid
Concen: 18.155 ng m
RT: 10.274 min Scan# 1223
Delta R.T. -0.035 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

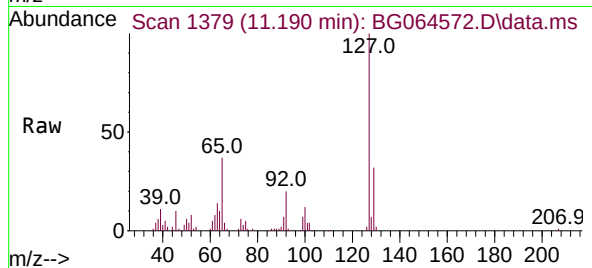
Tgt Ion:122 Resp: 31567
Ion Ratio Lower Upper
122 100
105 135.4 104.2 144.2
77 99.0 70.2 110.2





#33
4-Chloroaniline
Concen: 19.055 ng
RT: 11.190 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

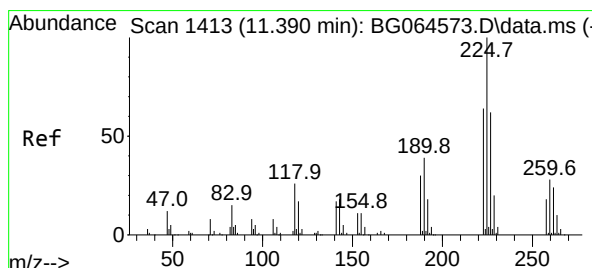
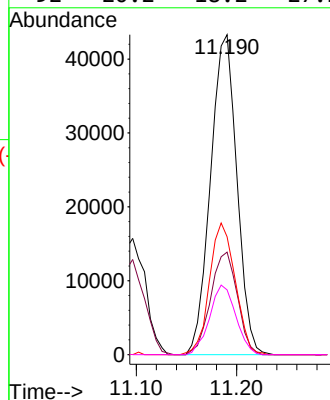
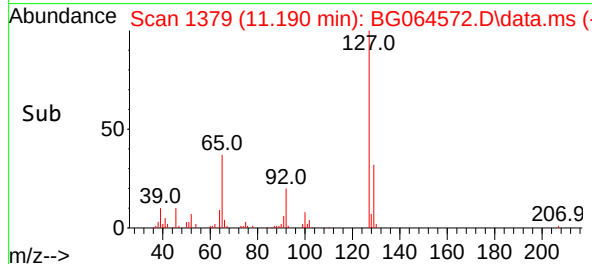
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:127 Resp: 79062
Ion Ratio Lower Upper
127 100
129 32.0 25.5 38.3
65 36.8 32.2 48.4
92 20.2 18.2 27.2

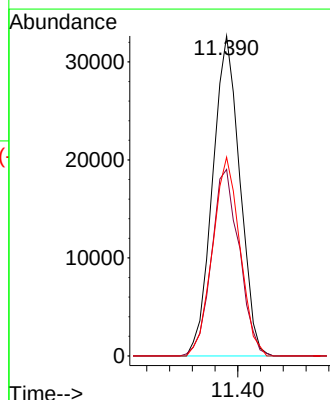
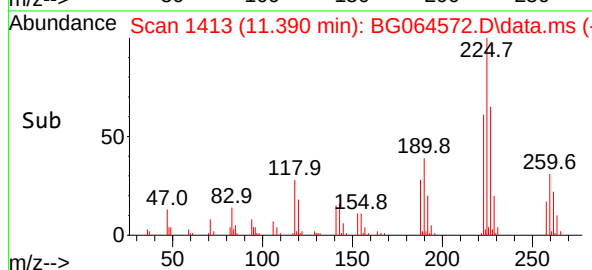
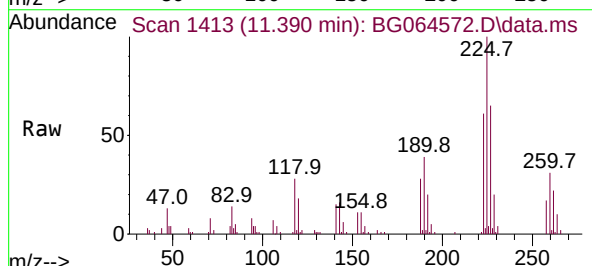
Manual Integrations
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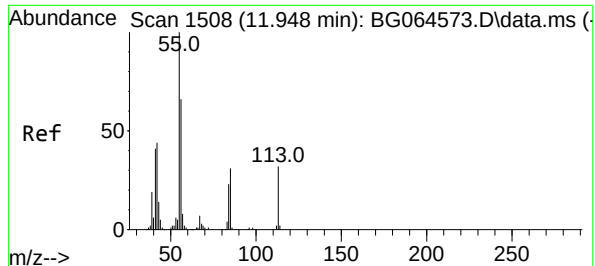
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#34
Hexachlorobutadiene
Concen: 19.820 ng
RT: 11.390 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

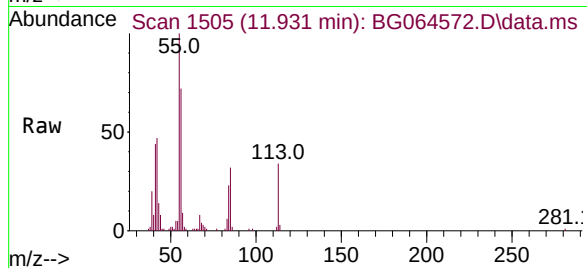
Tgt Ion:225 Resp: 54233
Ion Ratio Lower Upper
225 100
223 58.3 48.8 73.2
227 62.1 49.5 74.3





#35
Caprolactam
Concen: 18.635 ng
RT: 11.931 min Scan# 1505
Delta R.T. -0.017 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

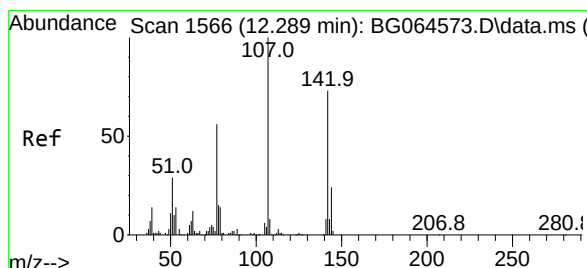
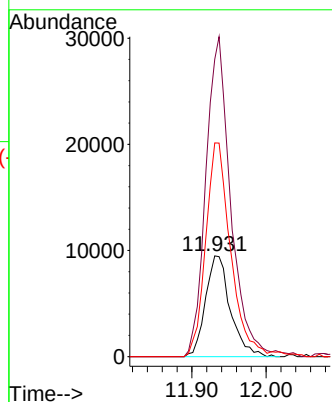
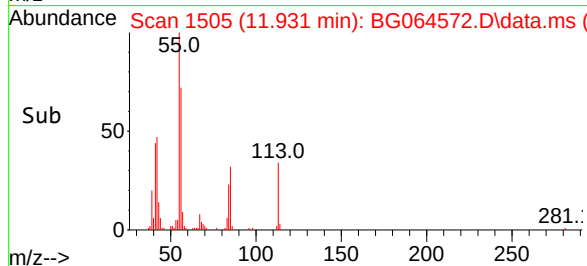
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:113 Resp: 22010
Ion Ratio Lower Upper
113 100
55 295.5 290.1 330.1
56 212.3 183.8 223.8

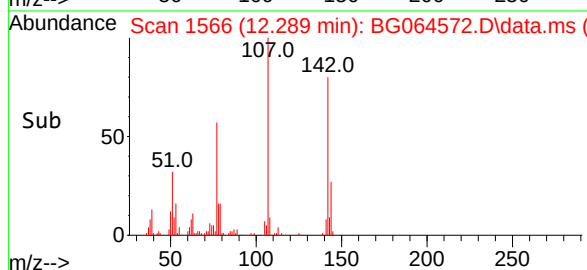
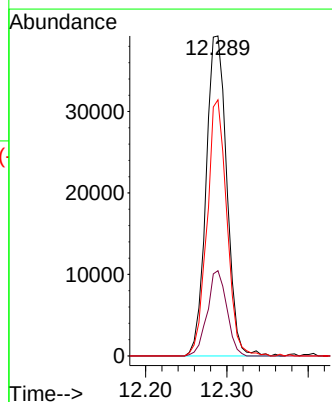
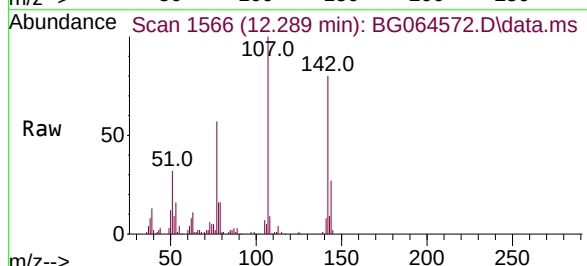
Manual Integrations
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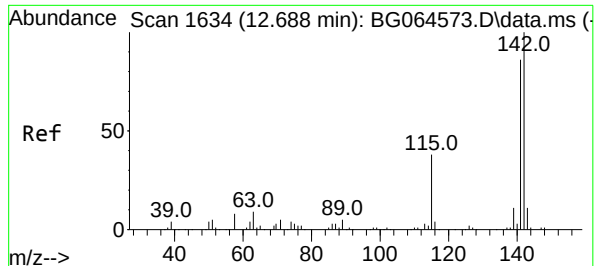
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#36
4-Chloro-3-methylphenol
Concen: 18.798 ng
RT: 12.289 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

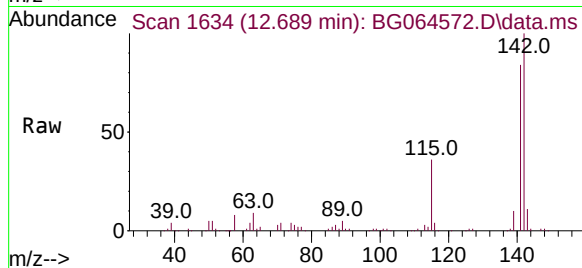
Tgt Ion:107 Resp: 69582
Ion Ratio Lower Upper
107 100
144 26.6 19.1 28.7
142 80.0 58.6 87.8





#37
2-Methylnaphthalene
Concen: 19.577 ng
RT: 12.689 min Scan# 1634
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

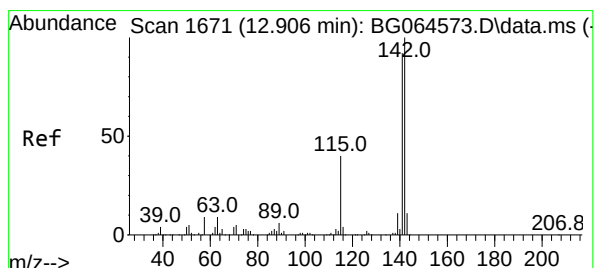
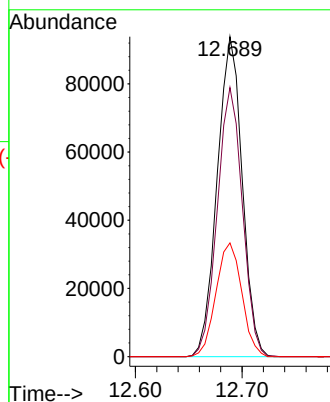
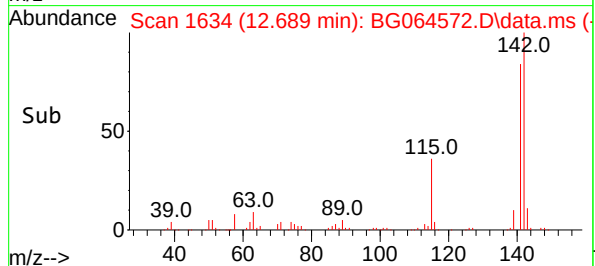
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



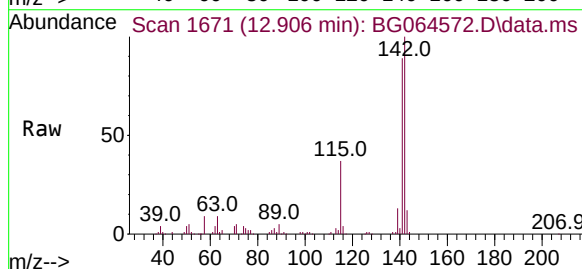
Tgt Ion:142 Resp: 153445
Ion Ratio Lower Upper
142 100
141 84.1 68.9 103.3
115 35.5 30.6 46.0

Manual Integrations
APPROVED

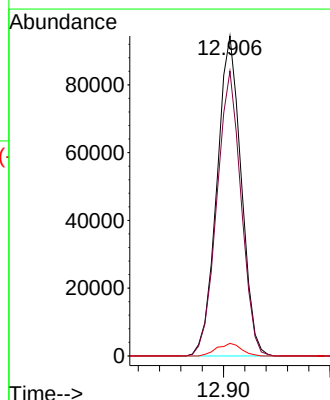
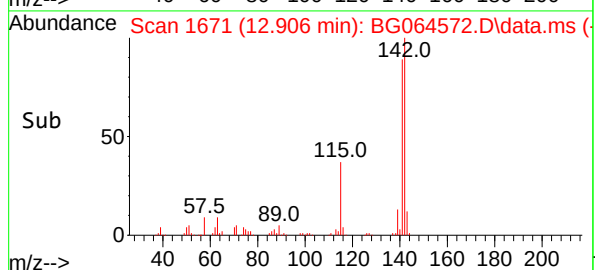
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

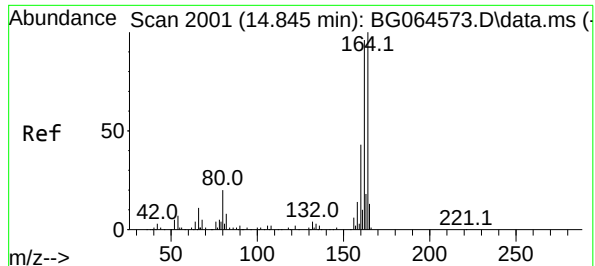


#38
1-Methylnaphthalene
Concen: 19.266 ng
RT: 12.906 min Scan# 1671
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23



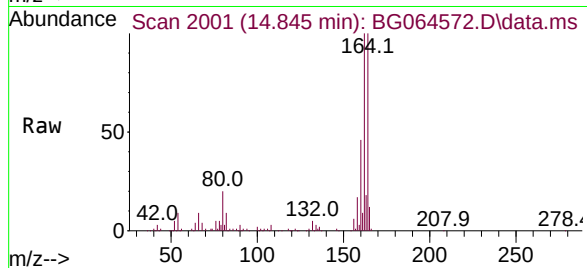
Tgt Ion:142 Resp: 149456
Ion Ratio Lower Upper
142 100
141 89.0 73.3 109.9
116 3.9 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.845 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

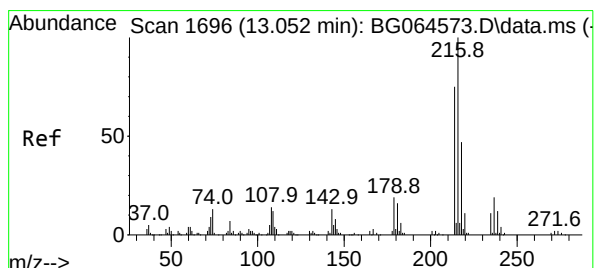
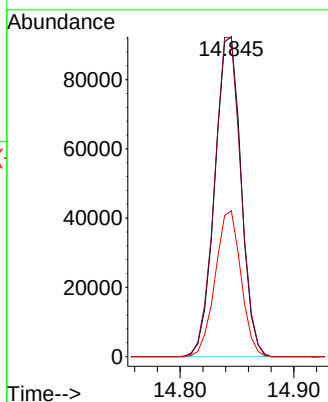
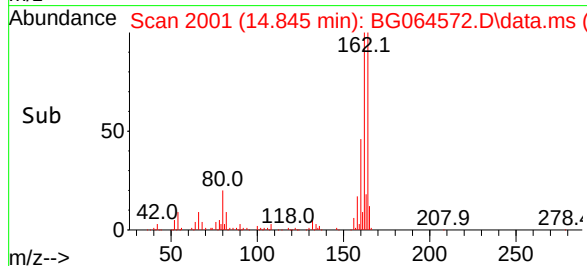
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



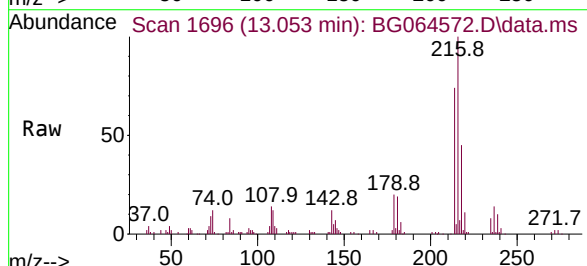
Tgt Ion:164 Resp: 147520
Ion Ratio Lower Upper
164 100
162 99.6 77.0 115.6
160 45.6 34.4 51.6

Manual Integrations
APPROVED

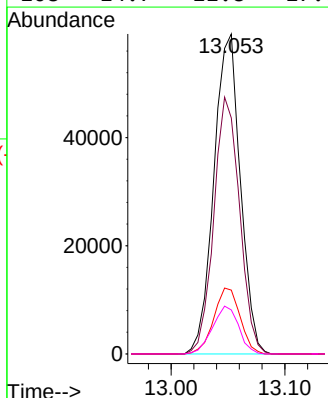
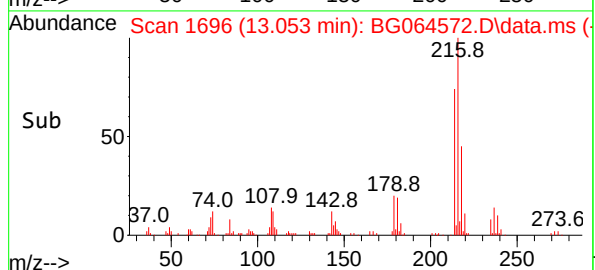
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

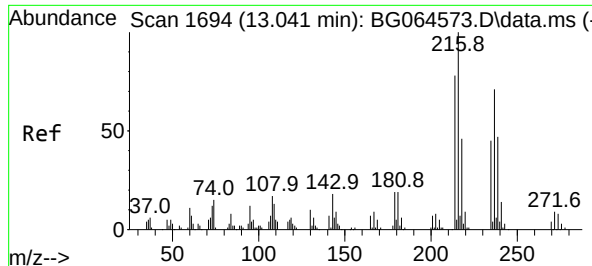


#40
1,2,4,5-Tetrachlorobenzene
Concen: 19.320 ng
RT: 13.053 min Scan# 1696
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23



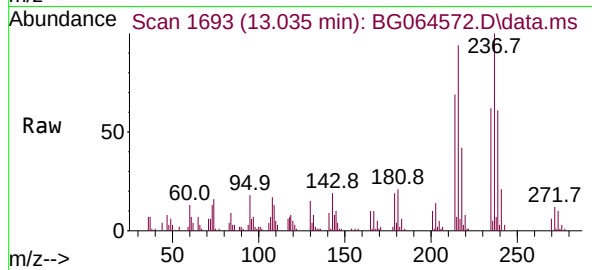
Tgt Ion:216 Resp: 95653
Ion Ratio Lower Upper
216 100
214 78.1 61.4 92.2
179 20.4 15.4 23.0
108 14.7 11.8 17.6





#41
Hexachlorocyclopentadiene
Concen: 18.479 ng
RT: 13.035 min Scan# 1693
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

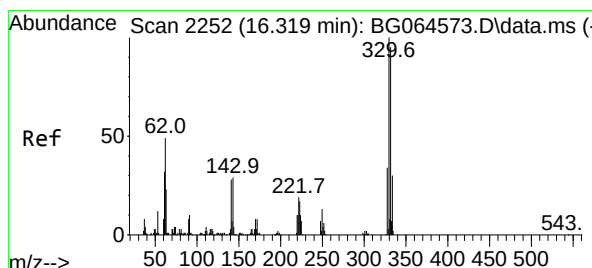
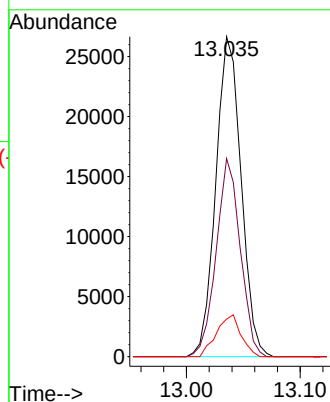
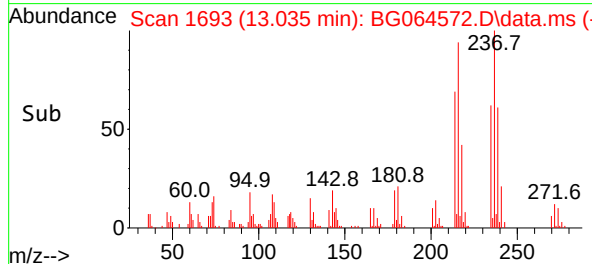
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:237 Resp: 41178
Ion Ratio Lower Upper
237 100
235 61.9 44.1 84.1
272 11.7 0.0 32.4

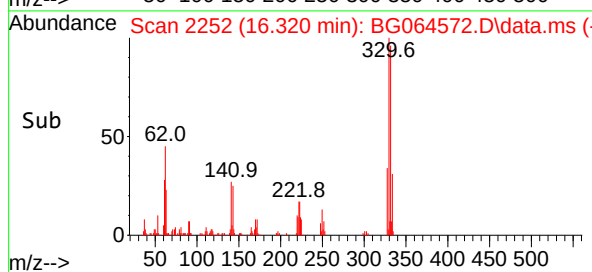
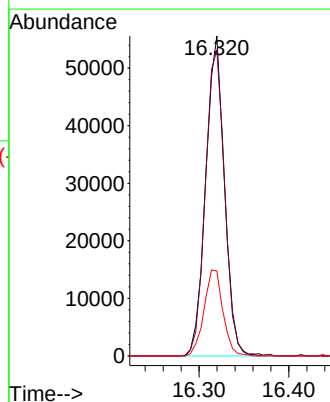
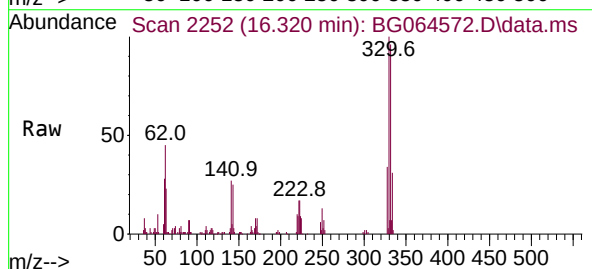
Manual Integrations
APPROVED

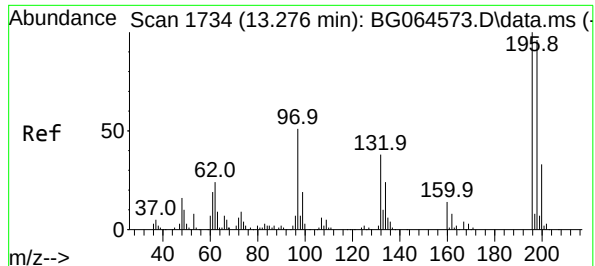
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#42
2,4,6-Tribromophenol
Concen: 37.682 ng
RT: 16.320 min Scan# 2252
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:330 Resp: 80231
Ion Ratio Lower Upper
330 100
332 99.2 78.0 117.0
141 27.2 21.8 32.6





#43

2,4,6-Trichlorophenol

Concen: 19.525 ng

RT: 13.276 min Scan# 1734

Delta R.T. 0.000 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

Instrument :

BNA_G

ClientSampleId :

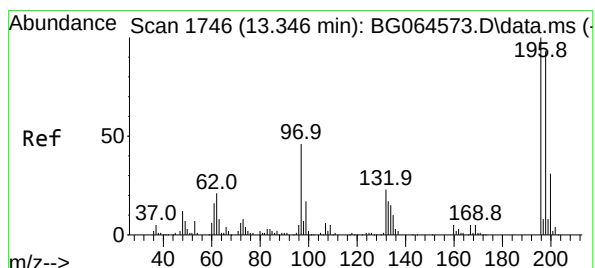
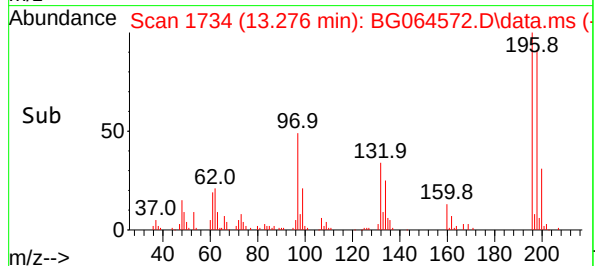
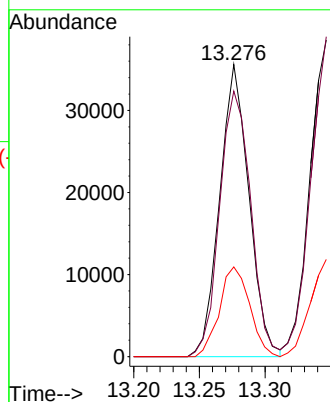
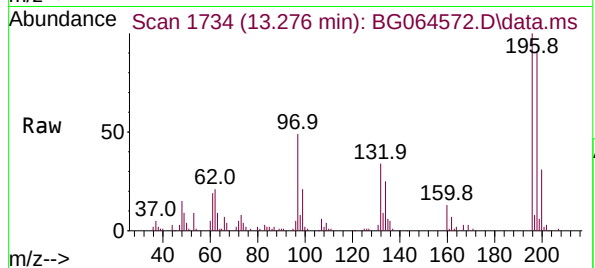
SSTDICC020

Tgt Ion:196	Resp:	55295
Ion Ratio	Lower	Upper
196	100	
198	90.9	76.6 115.0
200	30.7	26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#44

2,4,5-Trichlorophenol

Concen: 19.814 ng

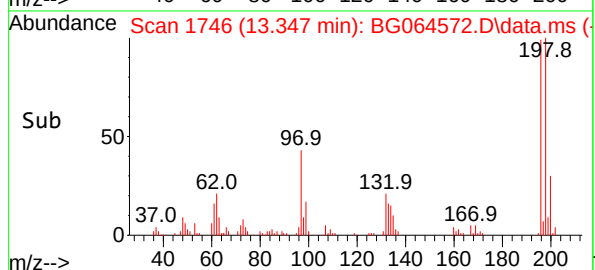
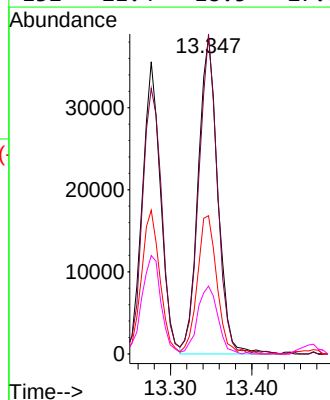
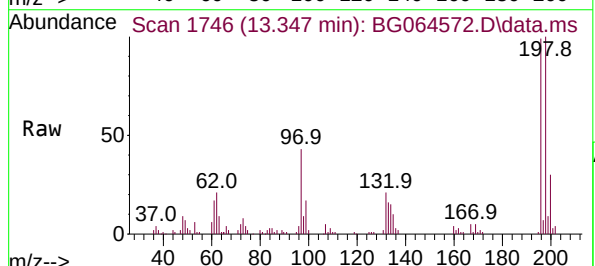
RT: 13.347 min Scan# 1746

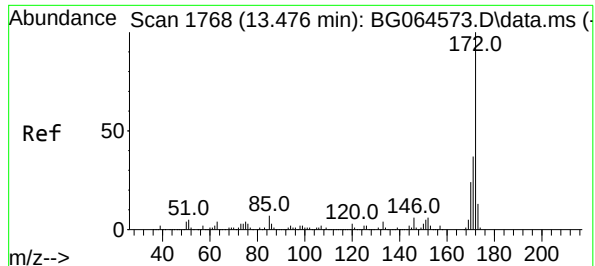
Delta R.T. 0.000 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

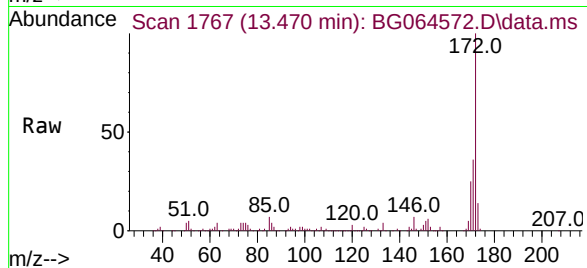
Tgt Ion:196	Resp:	64753
Ion Ratio	Lower	Upper
196	100	
198	101.1	74.2 111.4
97	43.6	37.0 55.6
132	21.4	18.5 27.7





#45
2-Fluorobiphenyl
Concen: 39.584 ng
RT: 13.470 min Scan# 1768
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

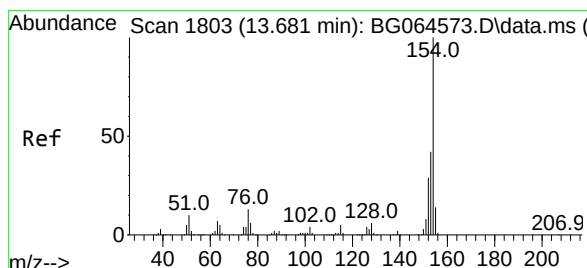
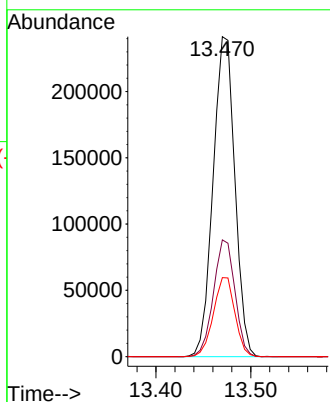
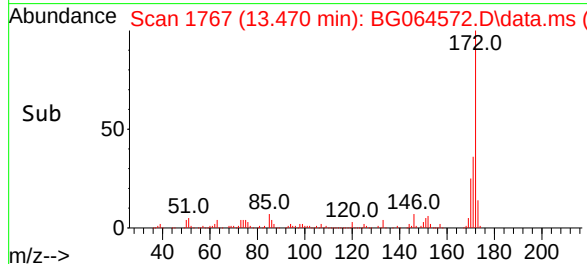
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:172 Resp: 38525
Ion Ratio Lower Upper
172 100
171 36.5 29.4 44.0
170 24.7 19.1 28.7

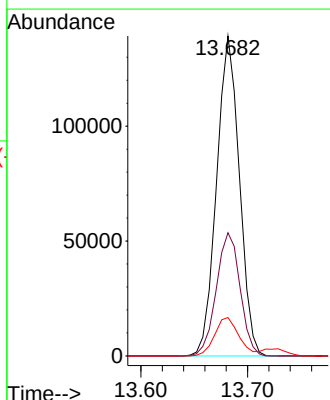
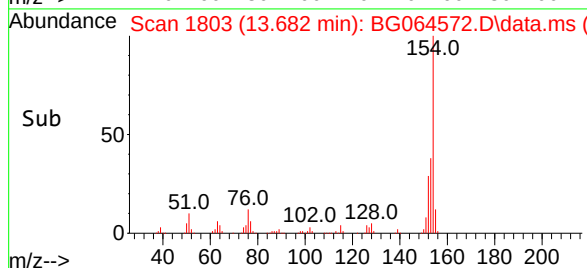
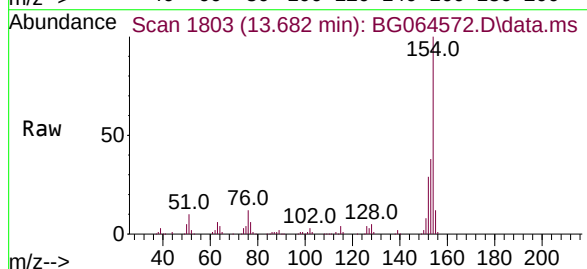
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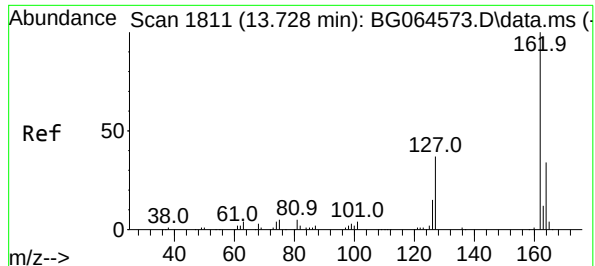
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#46
1,1'-Biphenyl
Concen: 19.705 ng
RT: 13.682 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:154 Resp: 206656
Ion Ratio Lower Upper
154 100
153 38.5 22.4 62.4
76 12.0 0.0 33.5





#47

2-Chloronaphthalene

Concen: 19.625 ng

RT: 13.729 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BG064572.D

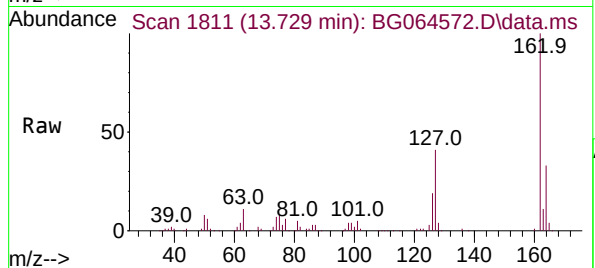
Acq: 24 Oct 2025 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC020



Tgt Ion:162 Resp: 155356

Ion Ratio Lower Upper

162 100

127 40.6 32.2 48.2

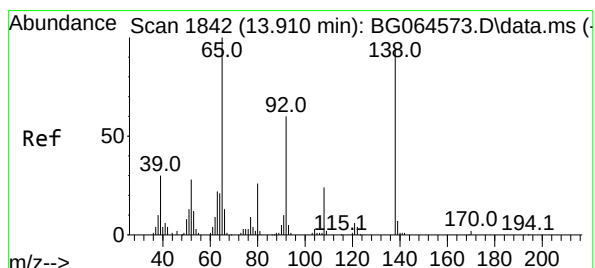
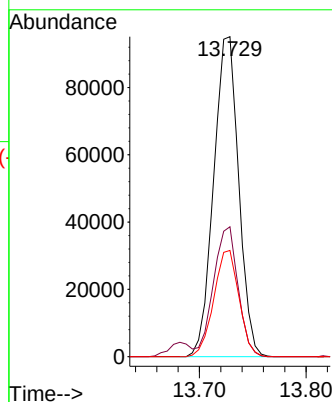
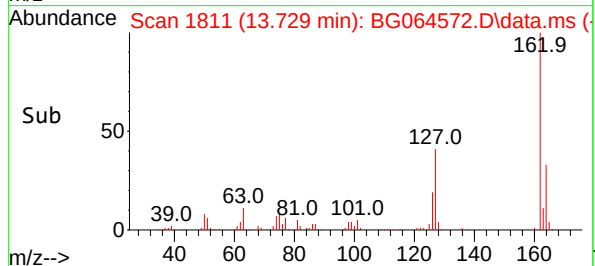
164 33.2 27.5 41.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#48

2-Nitroaniline

Concen: 17.565 ng

RT: 13.911 min Scan# 1842

Delta R.T. 0.001 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

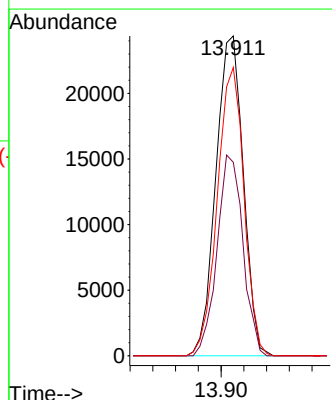
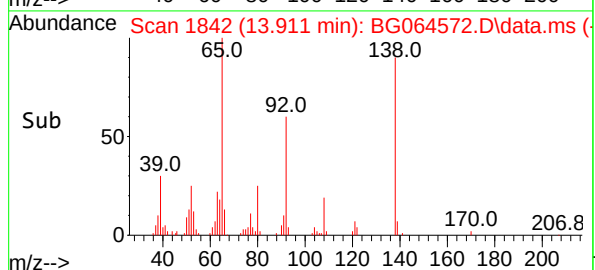
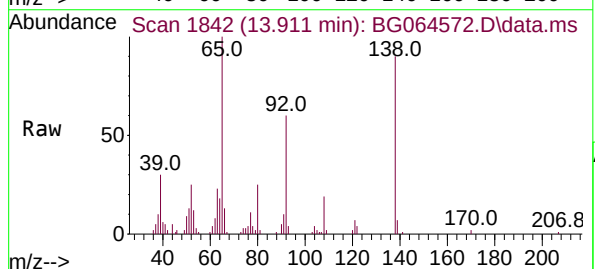
Tgt Ion: 65 Resp: 40854

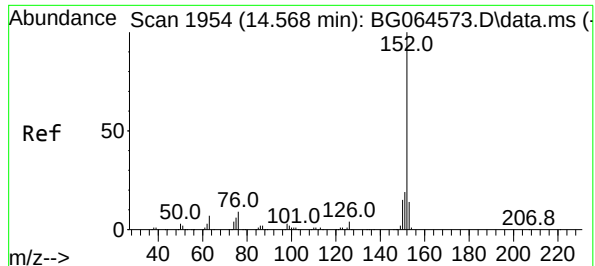
Ion Ratio Lower Upper

65 100

92 60.5 48.3 72.5

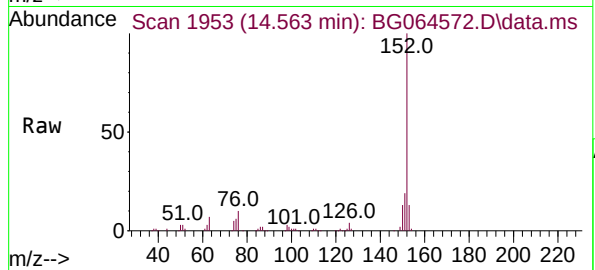
138 90.1 74.9 112.3





#49
Acenaphthylene
Concen: 19.454 ng
RT: 14.563 min Scan# 1954
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

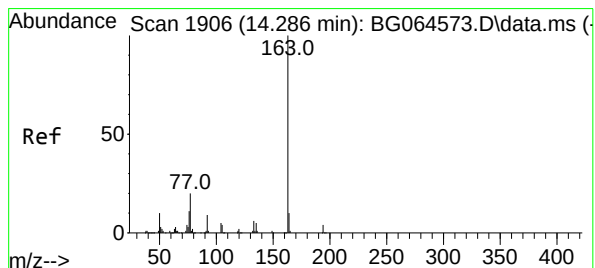
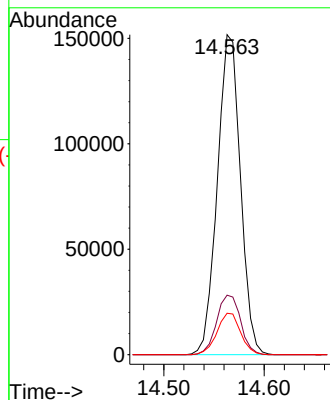
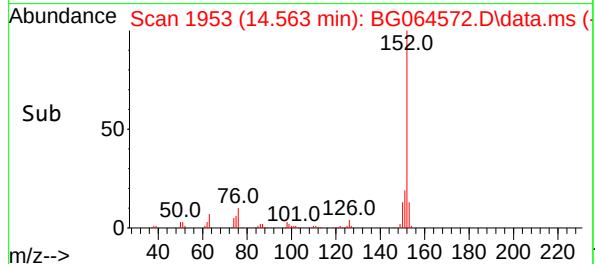
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:152 Resp: 242914
Ion Ratio Lower Upper
152 100
151 18.6 15.4 23.2
153 12.9 11.0 16.4

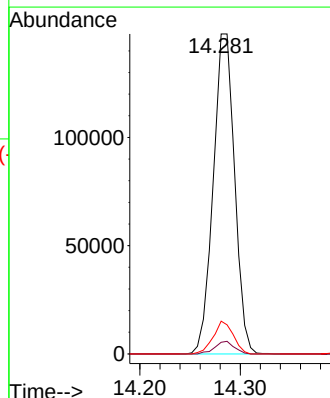
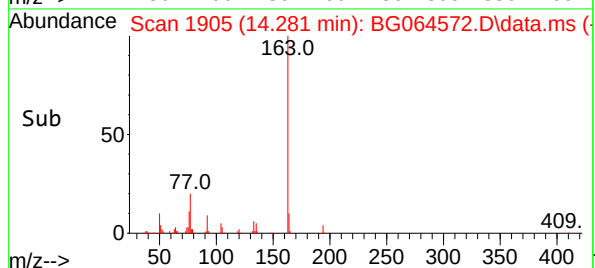
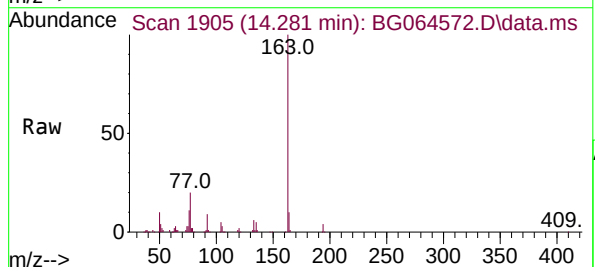
Manual Integrations
APPROVED

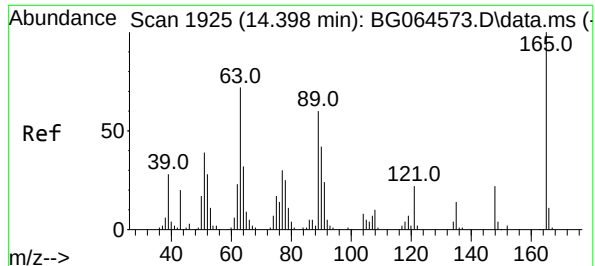
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#50
Dimethylphthalate
Concen: 19.452 ng
RT: 14.281 min Scan# 1905
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

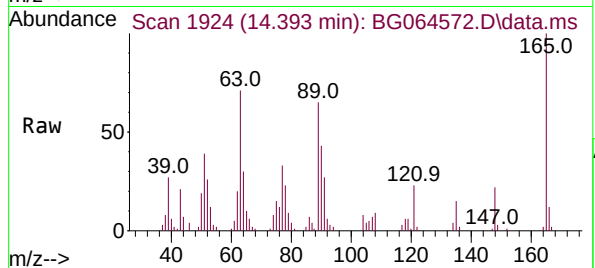
Tgt Ion:163 Resp: 219575
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 10.2 7.7 11.5





#51
2,6-Dinitrotoluene
Concen: 17.440 ng
RT: 14.393 min Scan# 1925
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

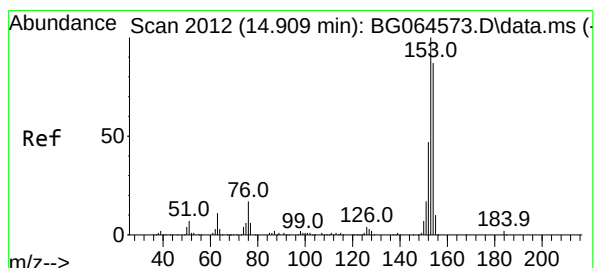
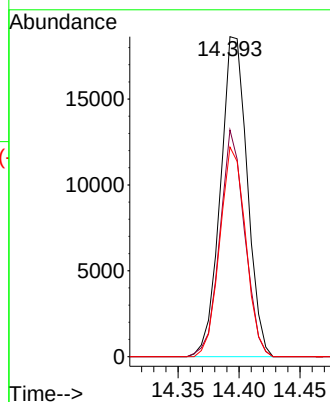
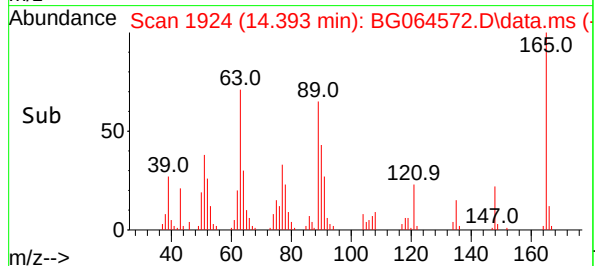
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:165 Resp: 2842
Ion Ratio Lower Upper
165 100
63 70.8 57.4 86.0
89 65.5 47.8 71.8

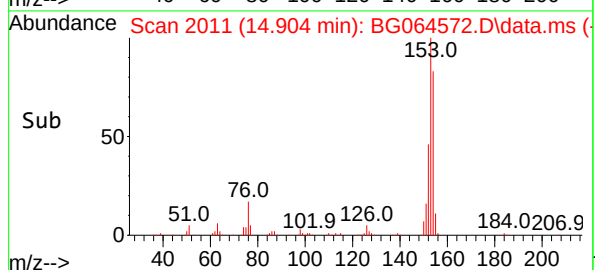
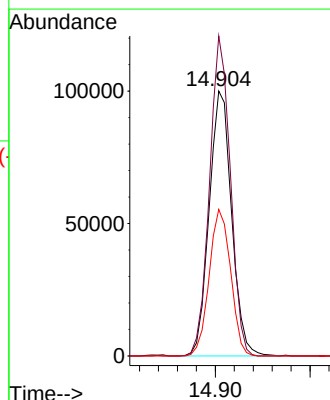
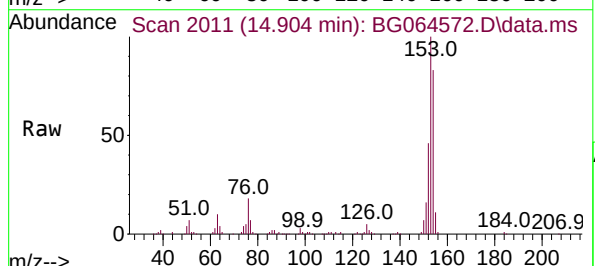
Manual Integrations
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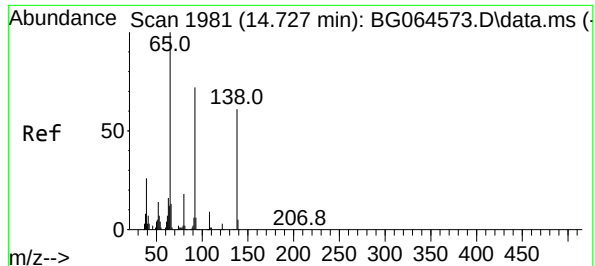
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#52
Acenaphthene
Concen: 19.287 ng
RT: 14.904 min Scan# 2011
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:154 Resp: 164542
Ion Ratio Lower Upper
154 100
153 120.8 92.2 138.4
152 55.3 43.2 64.8





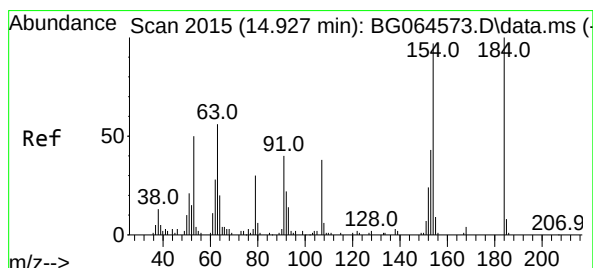
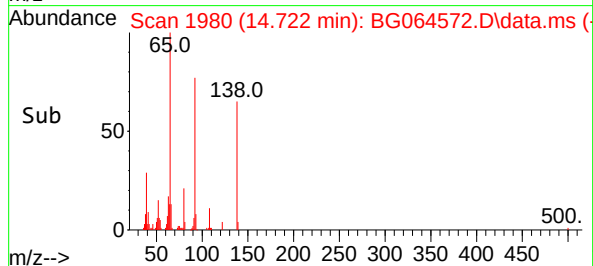
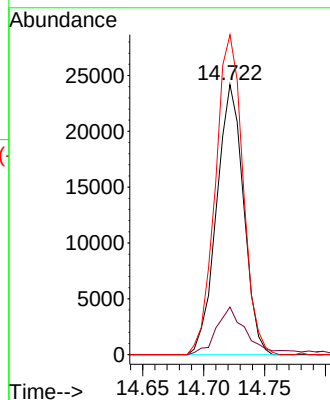
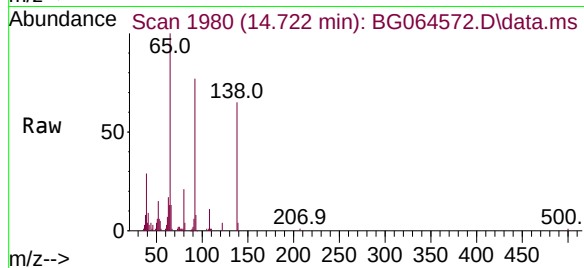
#53
3-Nitroaniline
Concen: 19.193 ng
RT: 14.722 min Scan# 1981
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:138 Resp: 37234
Ion Ratio Lower Upper
138 100
108 17.6 11.4 17.0
92 118.5 95.3 142.9

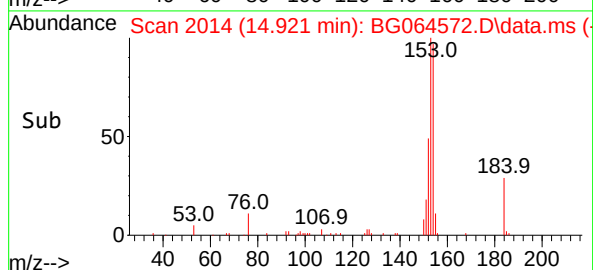
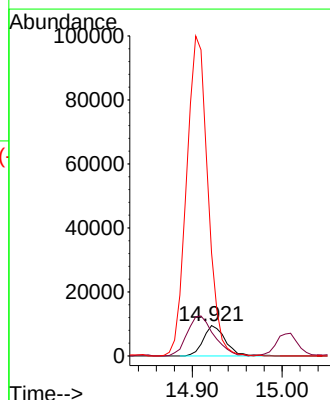
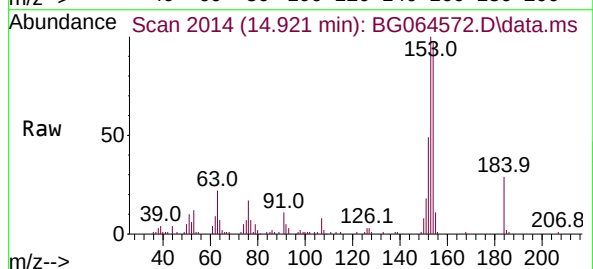
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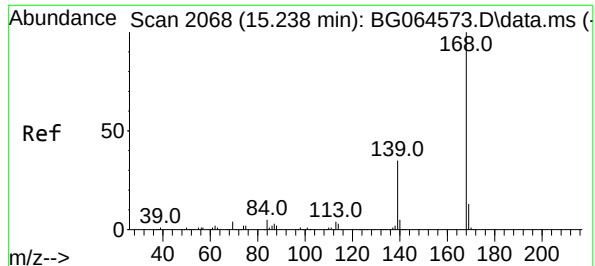
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#54
2,4-Dinitrophenol
Concen: 18.744 ng
RT: 14.921 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

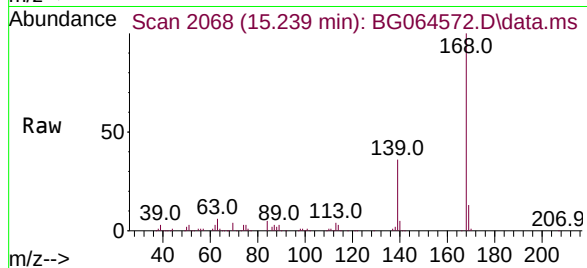
Tgt Ion:184 Resp: 16182
Ion Ratio Lower Upper
184 100
63 78.3 56.6 85.0
154 339.0 158.6 238.0#





#55
Dibenzenofuran
Concen: 19.534 ng
RT: 15.239 min Scan# 2068
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

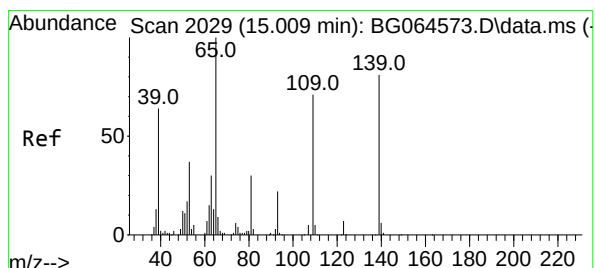
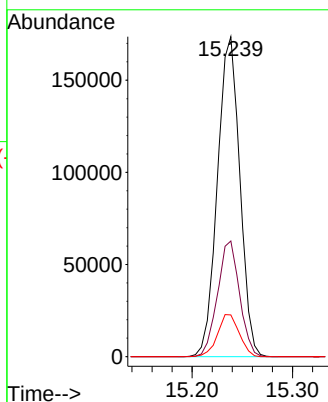
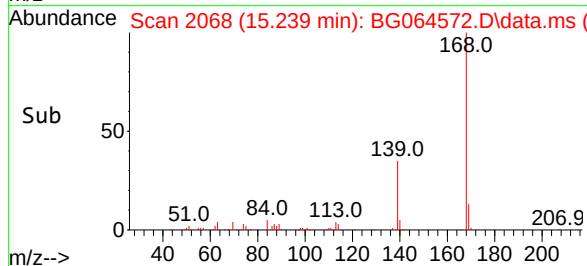
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:168 Resp: 269419
Ion Ratio Lower Upper
168 100
139 36.1 27.8 41.8
169 13.0 10.3 15.5

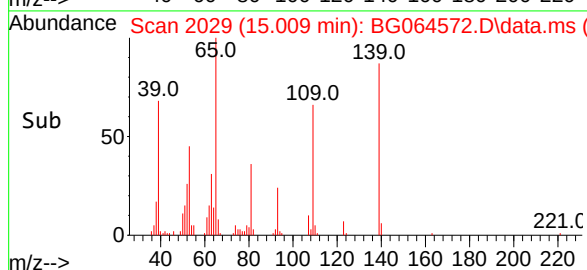
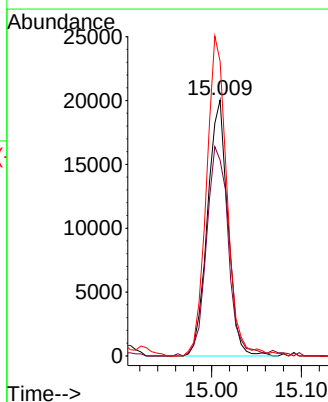
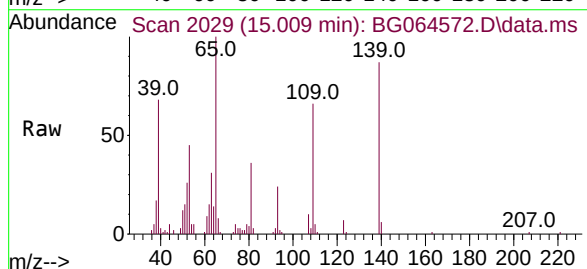
Manual Integrations
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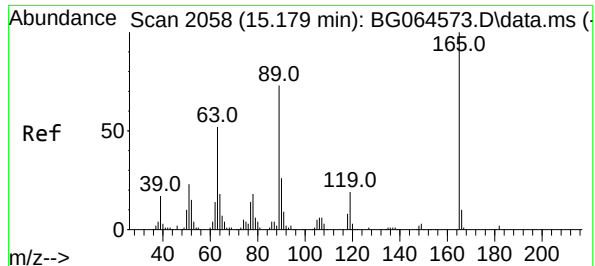
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#56
4-Nitrophenol
Concen: 17.439 ng
RT: 15.009 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

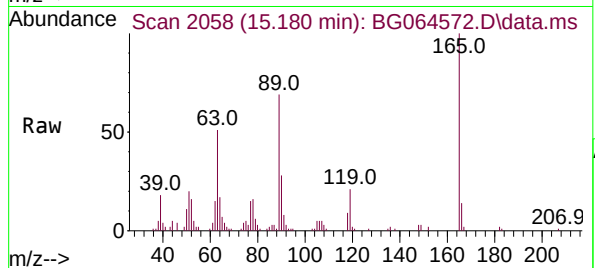
Tgt Ion:139 Resp: 31366
Ion Ratio Lower Upper
139 100
109 76.4 67.8 107.8
65 115.0 103.7 143.7





#57
2,4-Dinitrotoluene
Concen: 17.427 ng
RT: 15.180 min Scan# 2058
Delta R.T. 0.001 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

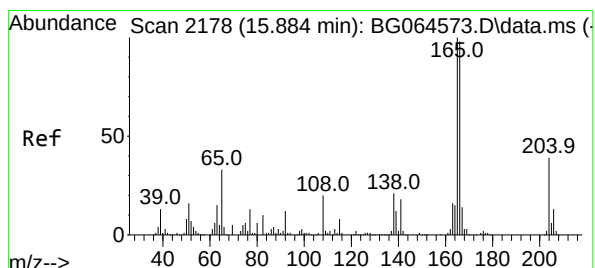
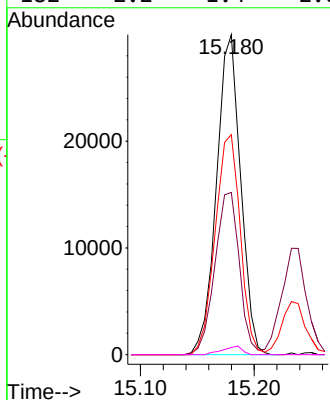
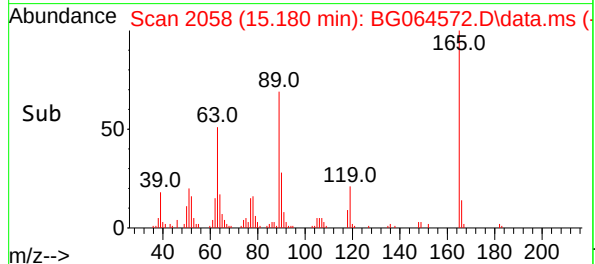
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:165 Resp: 44209
Ion Ratio Lower Upper
165 100
63 50.7 41.8 62.8
89 68.7 58.1 87.1
182 2.2 1.4 2.0#

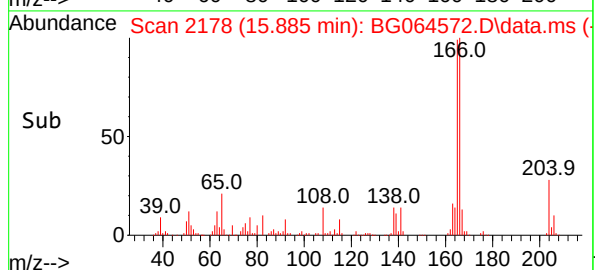
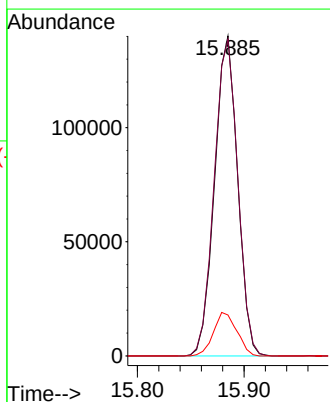
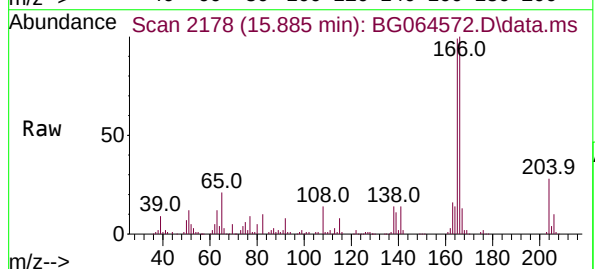
Manual Integrations
APPROVED

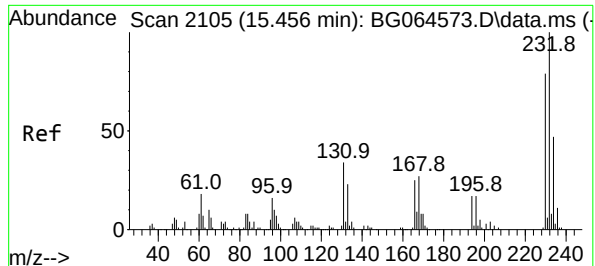
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#58
Fluorene
Concen: 19.536 ng
RT: 15.885 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

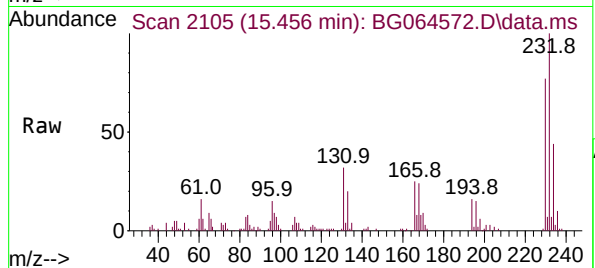
Tgt Ion:166 Resp: 210426
Ion Ratio Lower Upper
166 100
165 99.0 81.5 122.3
167 12.8 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 18.980 ng
RT: 15.456 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

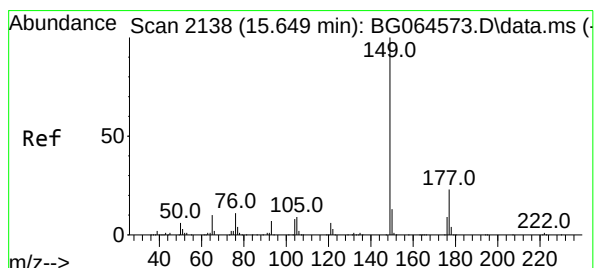
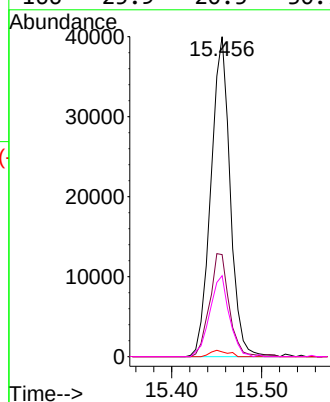
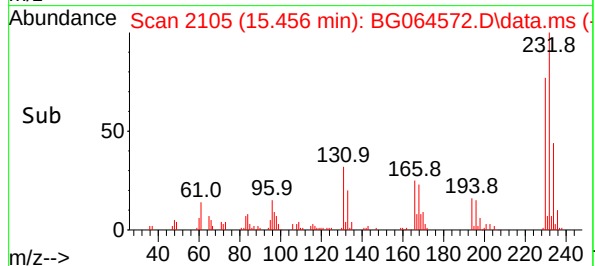
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



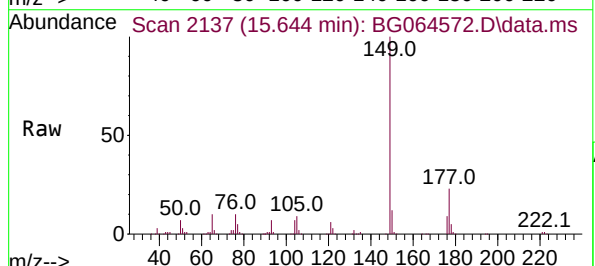
Tgt Ion:232 Resp: 59314
Ion Ratio Lower Upper
232 100
131 32.5 26.7 40.1
130 1.8 1.6 2.4
166 25.9 20.5 30.7

Manual Integrations
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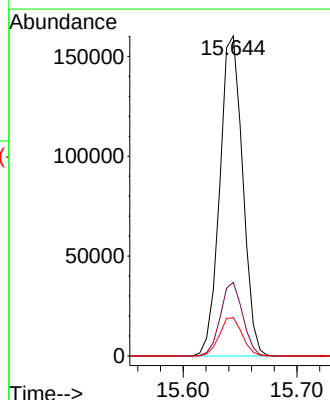
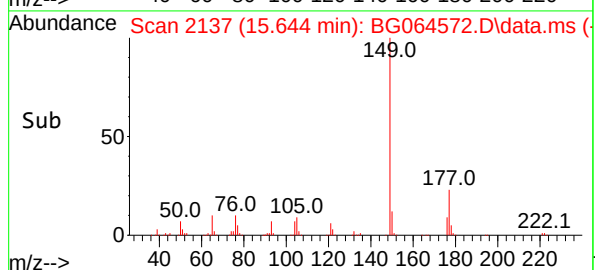
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

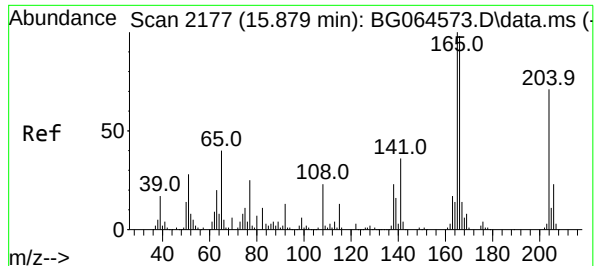


#60
Diethylphthalate
Concen: 19.382 ng
RT: 15.644 min Scan# 2137
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23



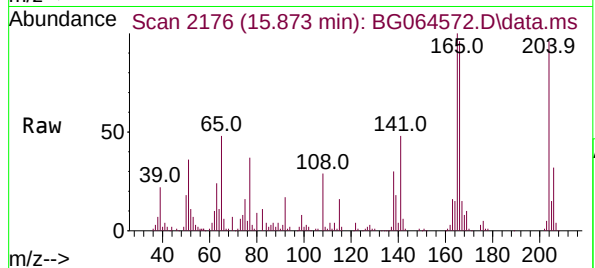
Tgt Ion:149 Resp: 223398
Ion Ratio Lower Upper
149 100
177 23.0 18.0 27.0
150 11.9 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 19.333 ng
RT: 15.873 min Scan# 2176
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

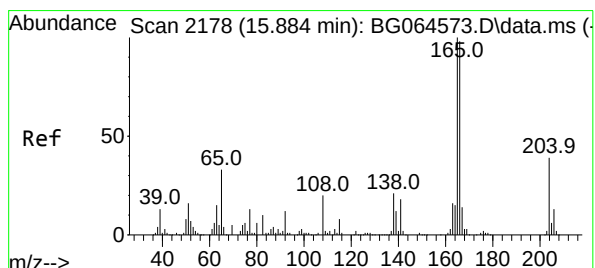
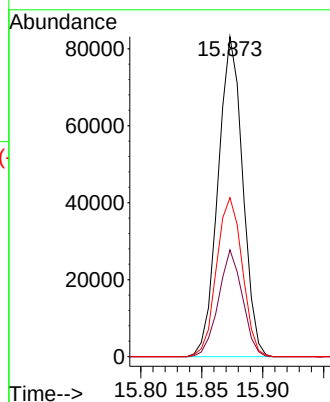
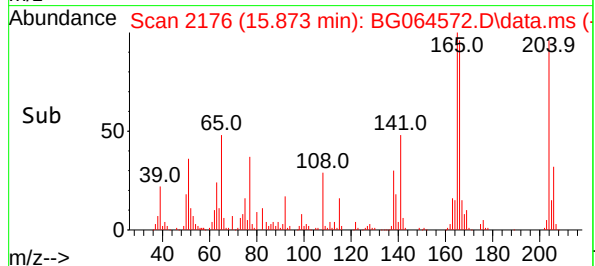
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



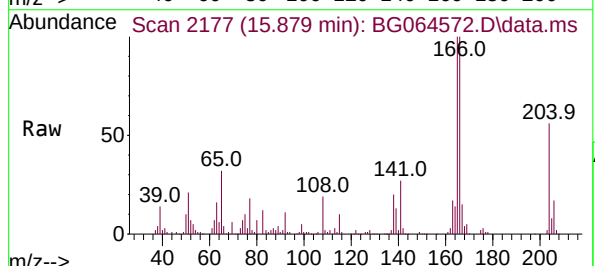
Tgt Ion:204 Resp: 11686
Ion Ratio Lower Upper
204 100
206 33.3 25.6 38.4
141 49.7 40.6 60.8

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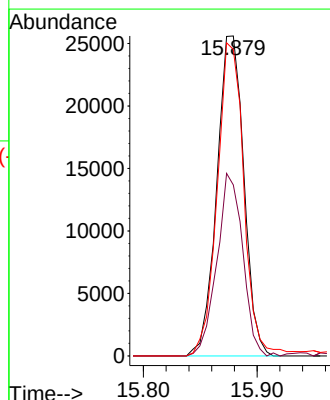
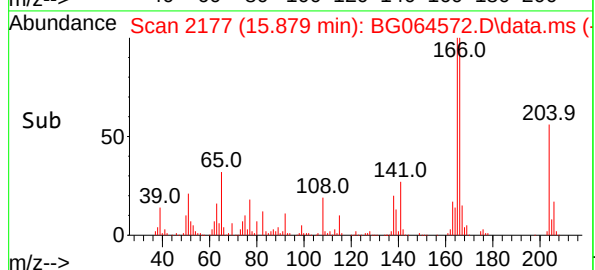
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

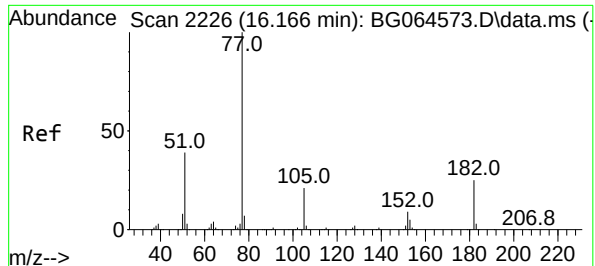


#62
4-Nitroaniline
Concen: 19.582 ng
RT: 15.879 min Scan# 2177
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23



Tgt Ion:138 Resp: 42261
Ion Ratio Lower Upper
138 100
92 53.4 36.1 76.1
108 95.8 75.6 115.6





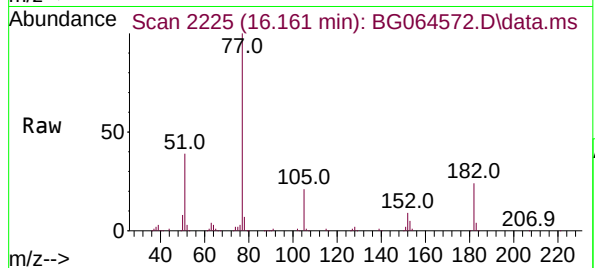
#63
Azobenzene
Concen: 19.205 ng
RT: 16.161 min Scan# 2226
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

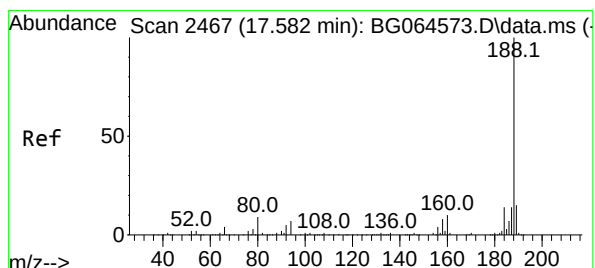
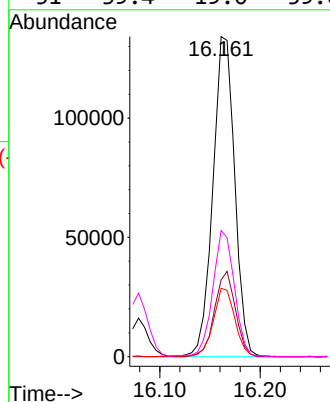
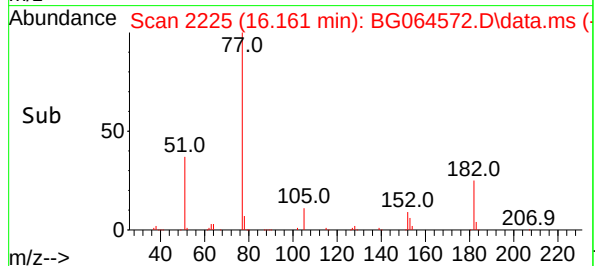


Tgt Ion: 77 Resp: 203101
Ion Ratio Lower Upper
77 100
182 24.0 4.9 44.9
105 21.3 1.3 41.3
51 39.4 19.0 59.0

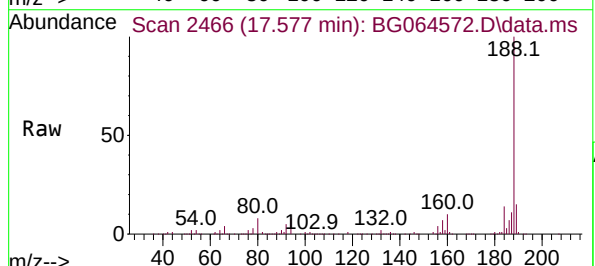
Manual Integrations

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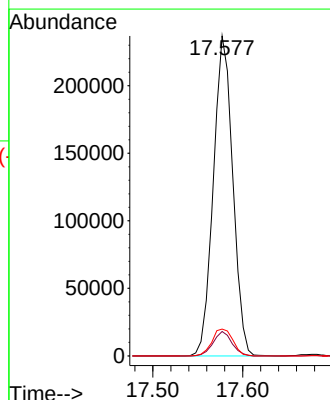
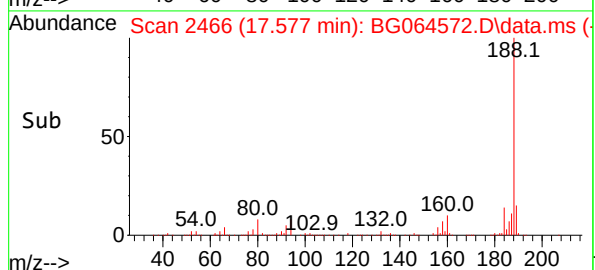
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

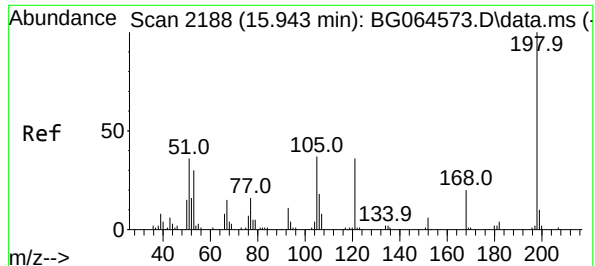


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.577 min Scan# 2466
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23



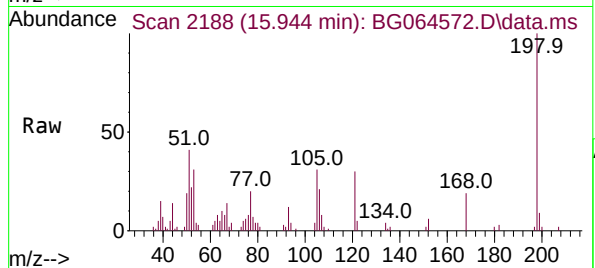
Tgt Ion:188 Resp: 357228
Ion Ratio Lower Upper
188 100
94 7.6 5.7 8.5
80 8.4 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 18.316 ng
RT: 15.944 min Scan# 2188
Delta R.T. 0.001 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

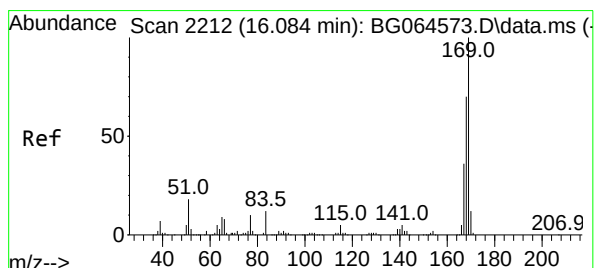
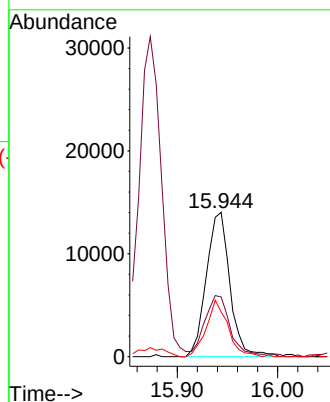
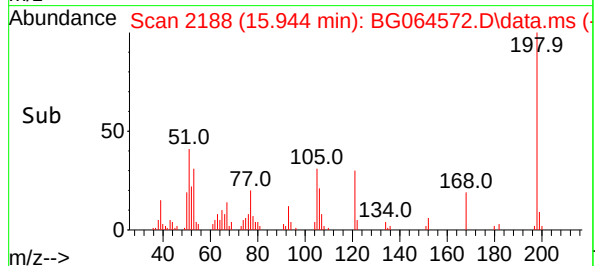
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:198 Resp: 22843
Ion Ratio Lower Upper
198 100
51 41.3 24.7 64.7
105 30.8 18.0 58.0

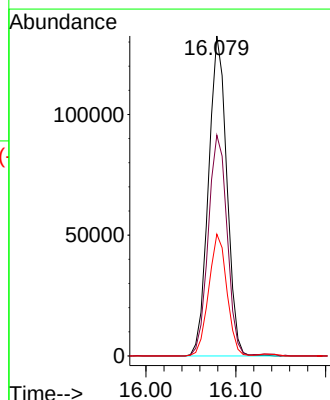
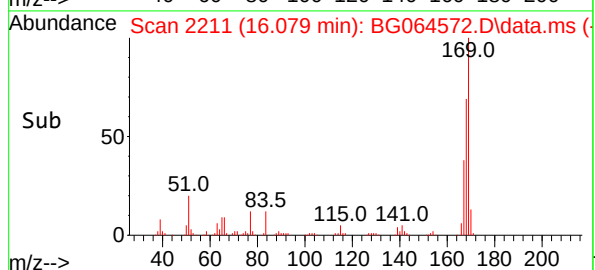
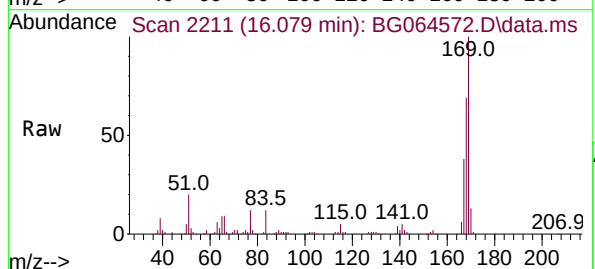
Manual Integrations
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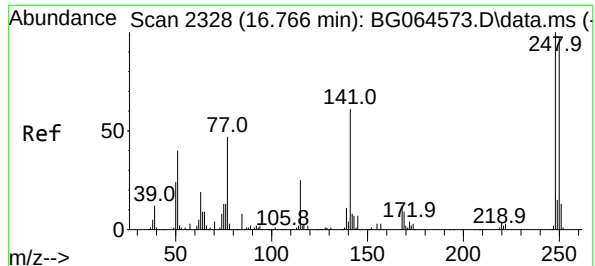
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#66
n-Nitrosodiphenylamine
Concen: 19.437 ng
RT: 16.079 min Scan# 2211
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

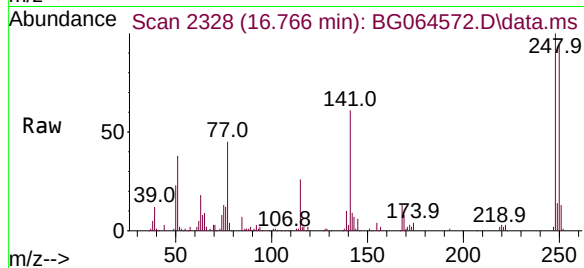
Tgt Ion:169 Resp: 187560
Ion Ratio Lower Upper
169 100
168 69.0 56.3 84.5
167 38.0 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 19.444 ng
RT: 16.766 min Scan# 2328
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

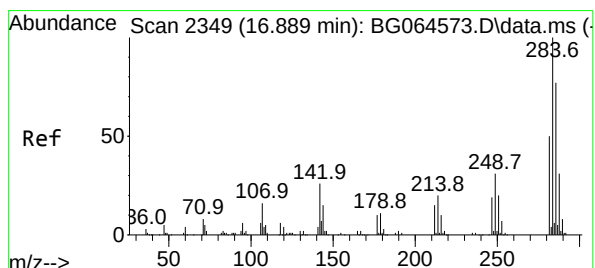
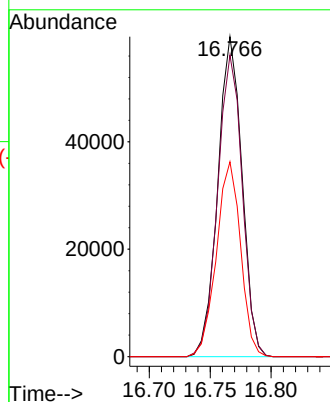
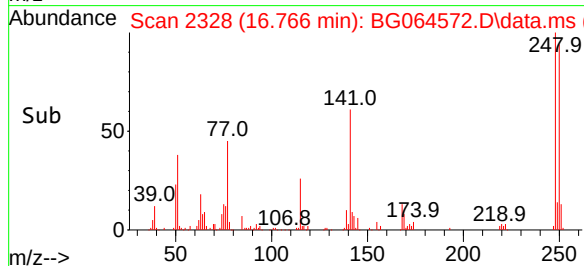
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



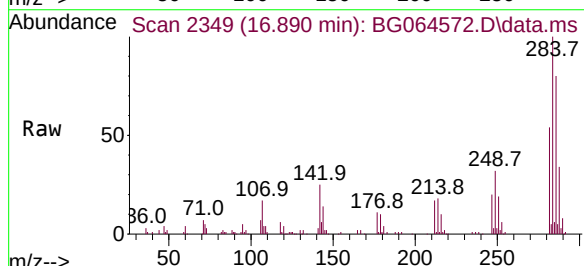
Tgt Ion:248 Resp: 82311
Ion Ratio Lower Upper
248 100
250 94.2 77.7 116.5
141 60.9 48.6 72.8

Manual Integrations
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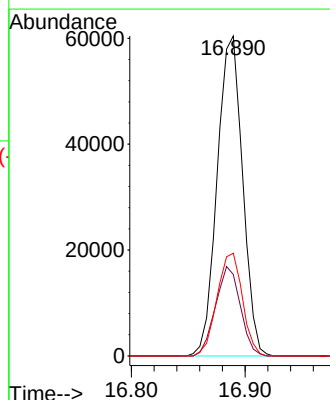
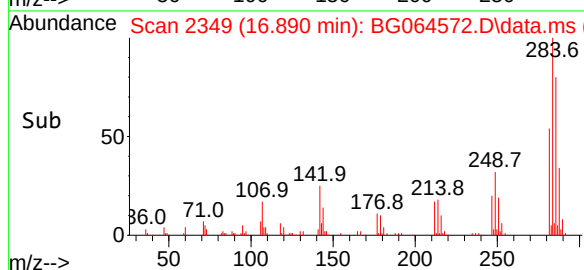
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

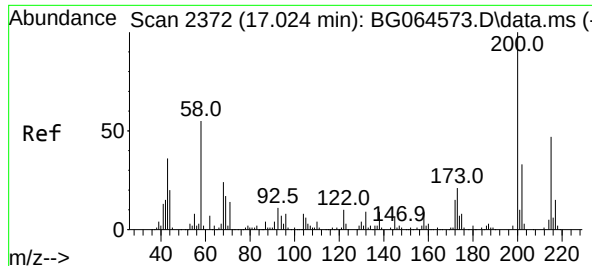


#68
Hexachlorobenzene
Concen: 19.391 ng
RT: 16.890 min Scan# 2349
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23



Tgt Ion:284 Resp: 93647
Ion Ratio Lower Upper
284 100
142 25.4 21.0 31.6
249 34.6 24.9 37.3





#69

Atrazine

Concen: 21.392 ng

RT: 17.019 min Scan# 2371

Delta R.T. -0.005 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:200 Resp: 88832

Ion Ratio Lower Upper

200 100

173 24.1 0.9 40.9

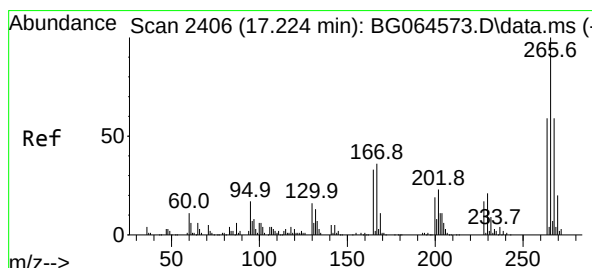
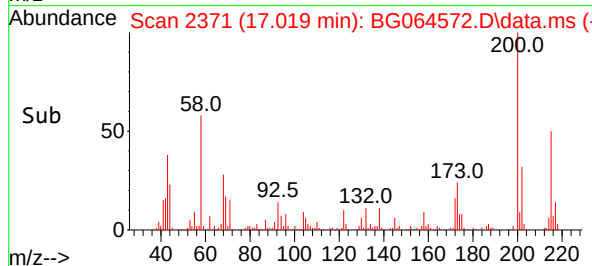
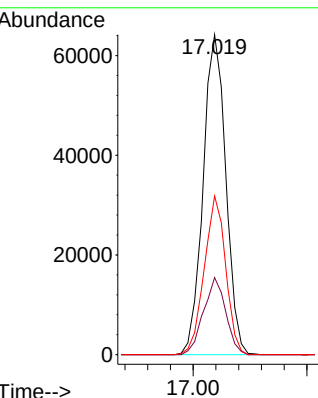
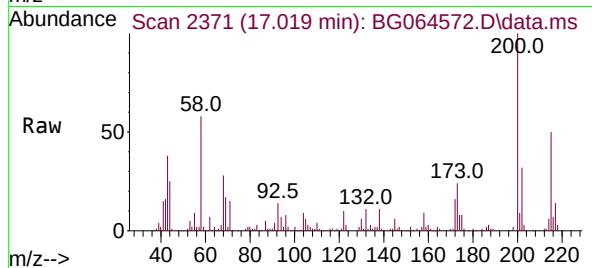
215 49.6 27.0 67.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#70

Pentachlorophenol

Concen: 18.022 ng

RT: 17.219 min Scan# 2405

Delta R.T. -0.005 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

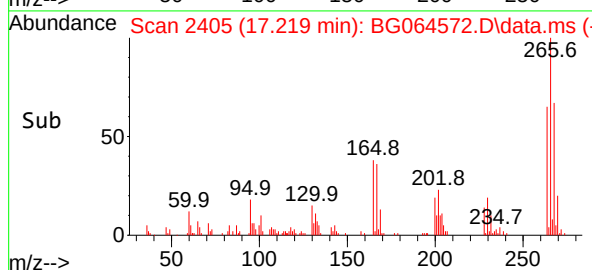
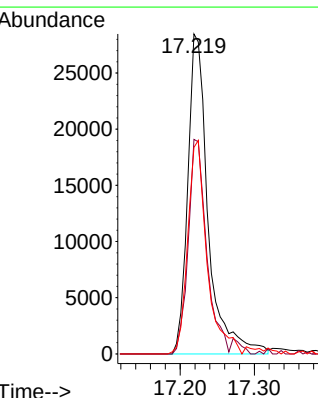
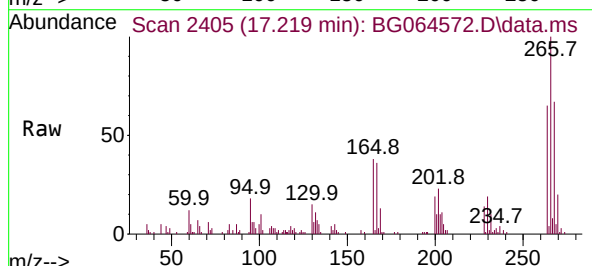
Tgt Ion:266 Resp: 54275

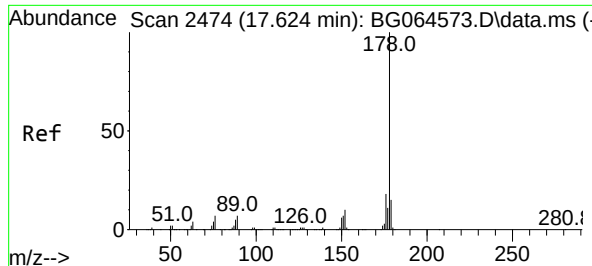
Ion Ratio Lower Upper

266 100

268 71.7 50.3 75.5

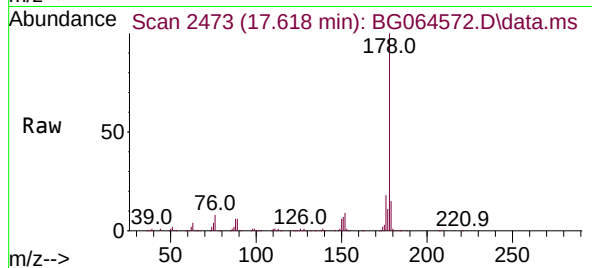
264 68.9 47.3 70.9





#71
Phenanthrene
Concen: 19.624 ng
RT: 17.618 min Scan# 2473
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

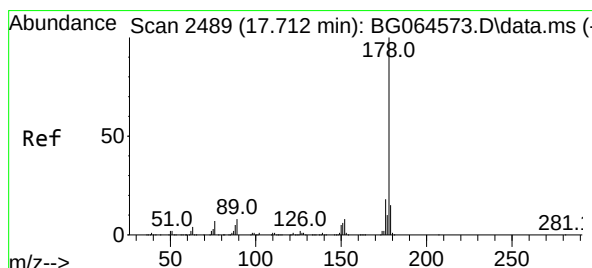
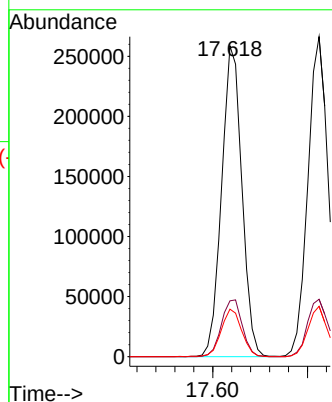
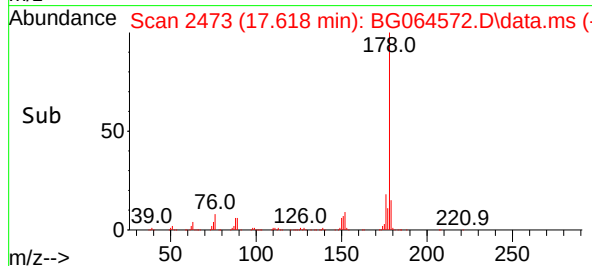
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:178 Resp: 383359
Ion Ratio Lower Upper
178 100
176 17.9 14.7 22.1
179 15.3 12.2 18.4

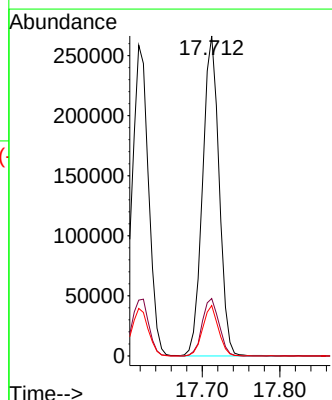
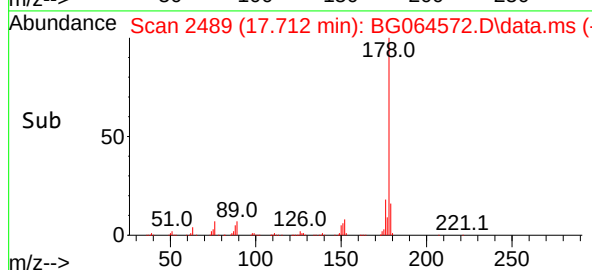
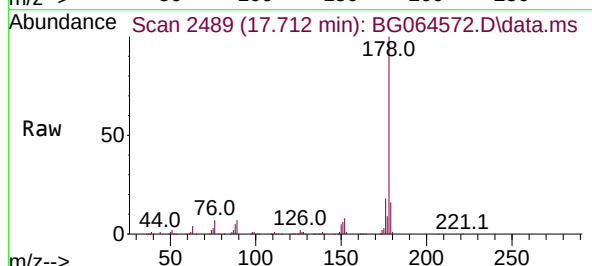
Manual Integrations
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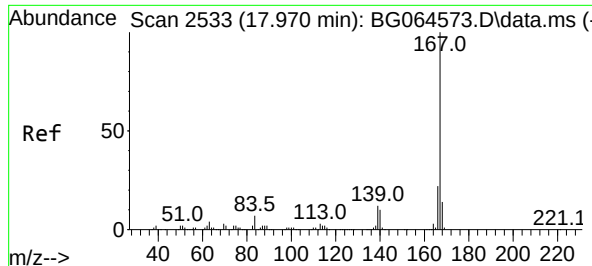
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#72
Anthracene
Concen: 19.792 ng
RT: 17.712 min Scan# 2489
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

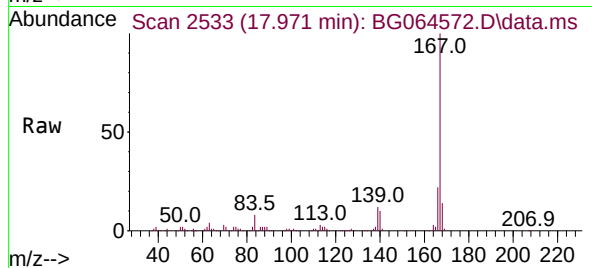
Tgt Ion:178 Resp: 393312
Ion Ratio Lower Upper
178 100
176 17.9 14.4 21.6
179 15.7 12.4 18.6





#73
Carbazole
Concen: 20.014 ng
RT: 17.971 min Scan# 2533
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

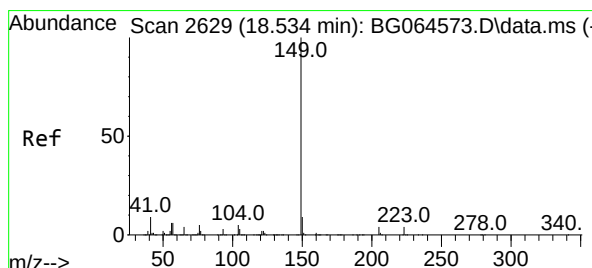
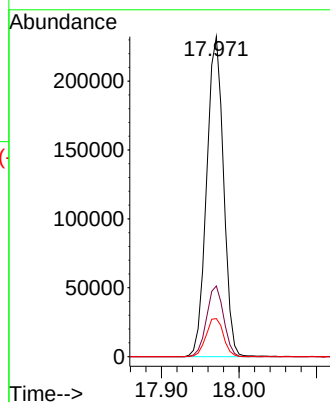
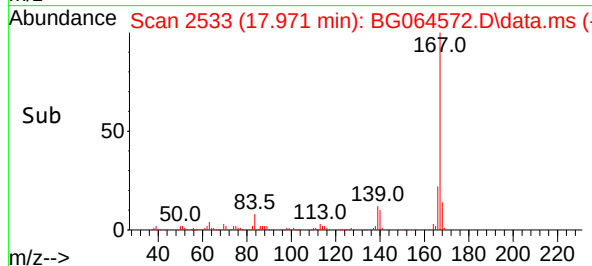
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:167 Resp: 350722
Ion Ratio Lower Upper
167 100
166 22.1 17.9 26.9
139 11.9 9.7 14.5

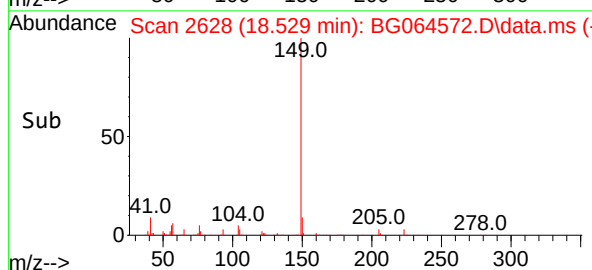
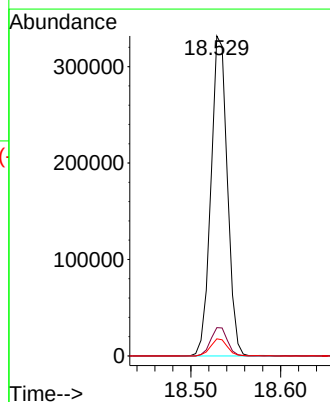
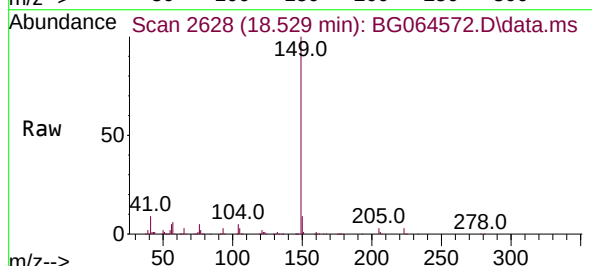
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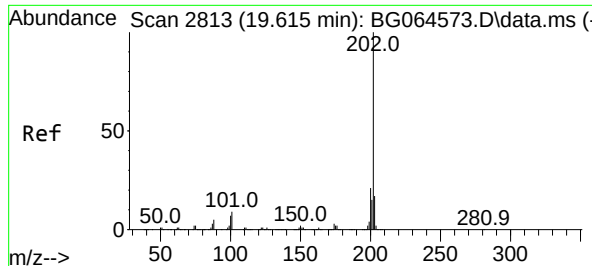
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#74
Di-n-butylphthalate
Concen: 20.788 ng
RT: 18.529 min Scan# 2628
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

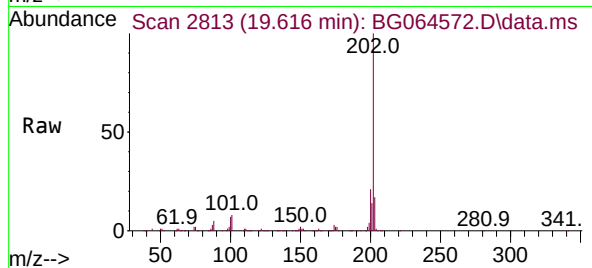
Tgt Ion:149 Resp: 421239
Ion Ratio Lower Upper
149 100
150 8.8 7.0 10.6
104 5.4 4.1 6.1





#75
Fluoranthene
Concen: 20.142 ng
RT: 19.616 min Scan# 2813
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

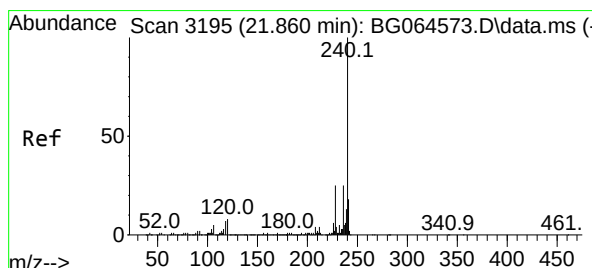
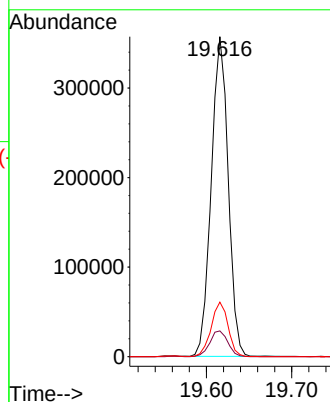
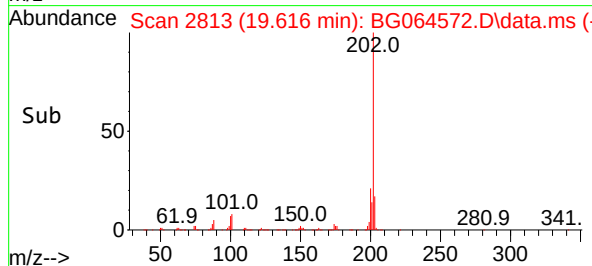
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:202 Resp: 492924
Ion Ratio Lower Upper
202 100
101 8.0 0.0 28.7
203 17.0 0.0 37.0

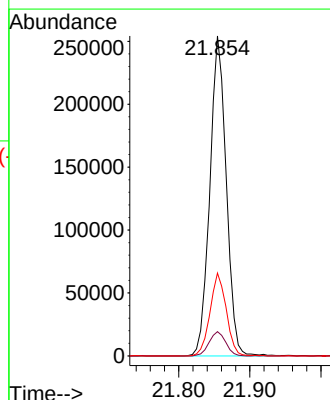
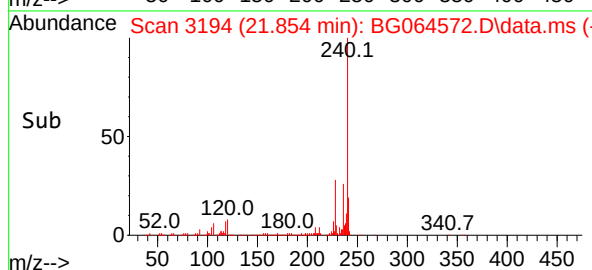
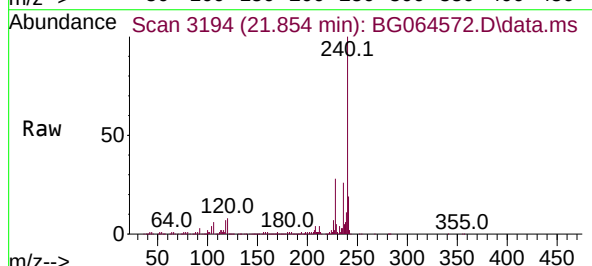
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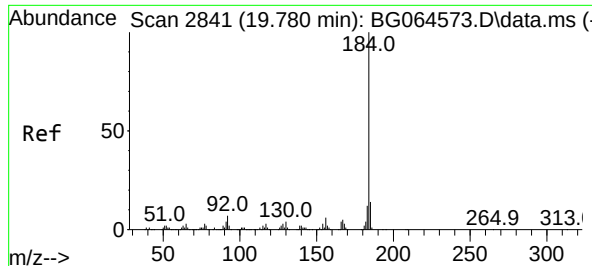
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.854 min Scan# 3194
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

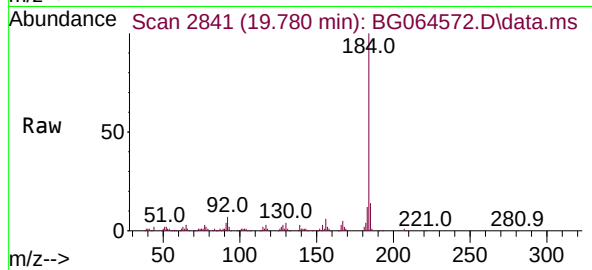
Tgt Ion:240 Resp: 408574
Ion Ratio Lower Upper
240 100
120 7.6 6.5 9.7
236 25.9 20.2 30.2





#77
Benzidine
Concen: 21.201 ng
RT: 19.780 min Scan# 2841
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

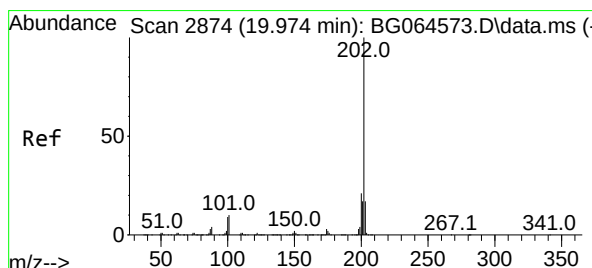
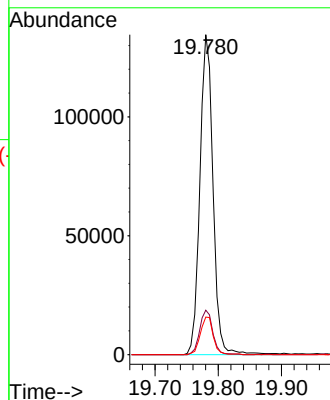
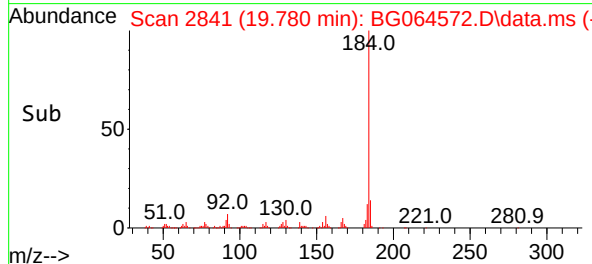
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:184 Resp: 194070
Ion Ratio Lower Upper
184 100
185 13.9 11.4 17.2
183 11.7 9.4 14.2

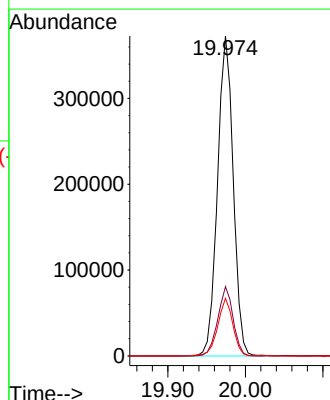
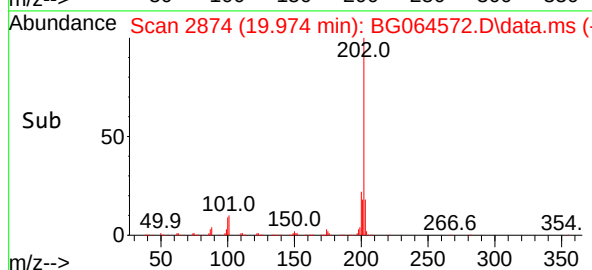
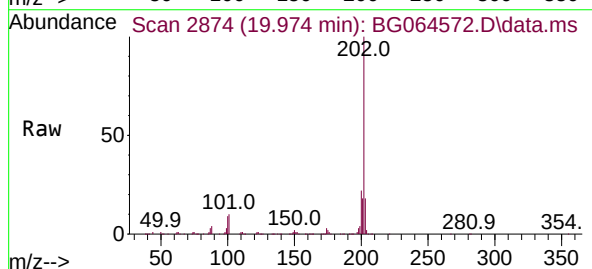
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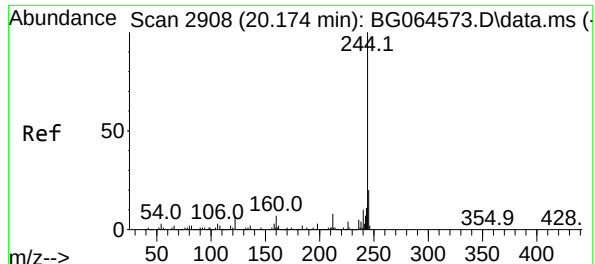
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#78
Pyrene
Concen: 19.646 ng
RT: 19.974 min Scan# 2874
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

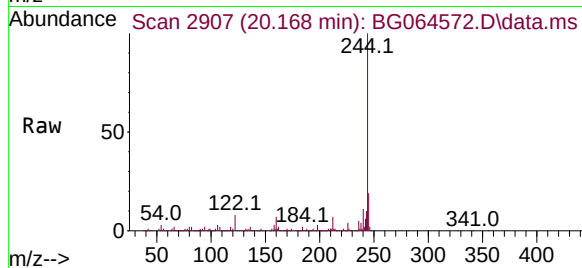
Tgt Ion:202 Resp: 524431
Ion Ratio Lower Upper
202 100
200 21.6 17.0 25.4
203 18.0 13.8 20.6





#79
 Terphenyl-d14
 Concen: 40.219 ng
 RT: 20.168 min Scan# 2908
 Delta R.T. -0.005 min
 Lab File: BG064572.D
 Acq: 24 Oct 2025 12:23

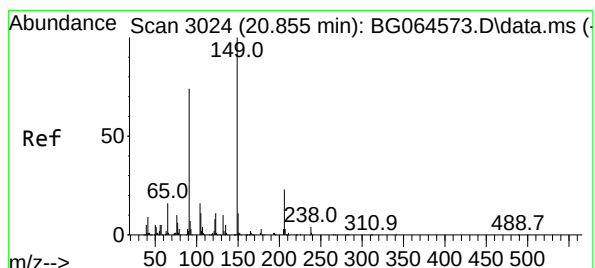
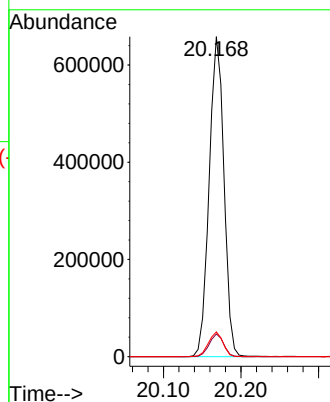
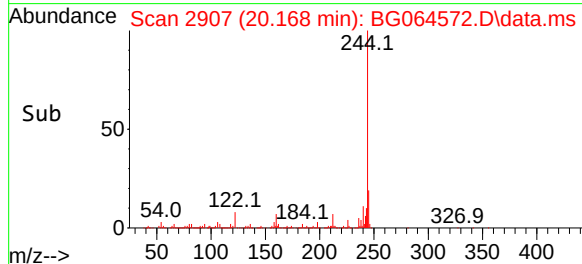
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020



Tgt Ion:244 Resp: 870741
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 7.7 5.6 8.4

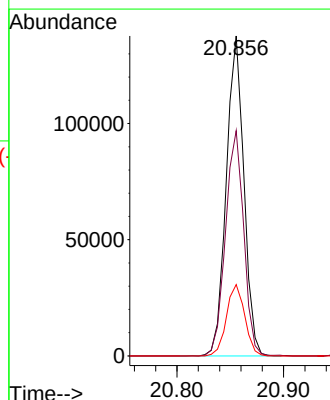
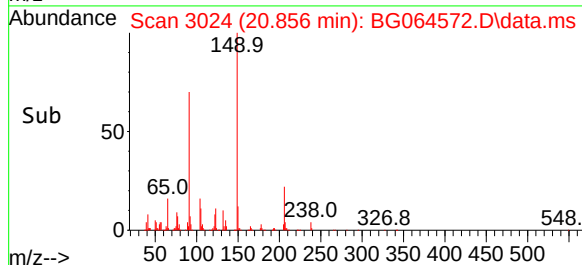
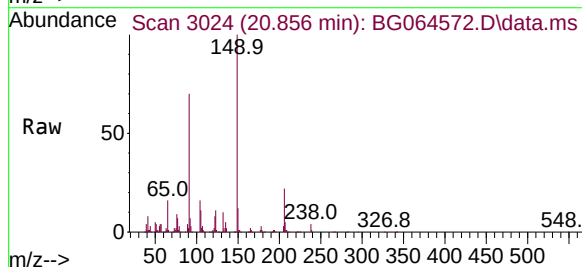
Manual Integrations
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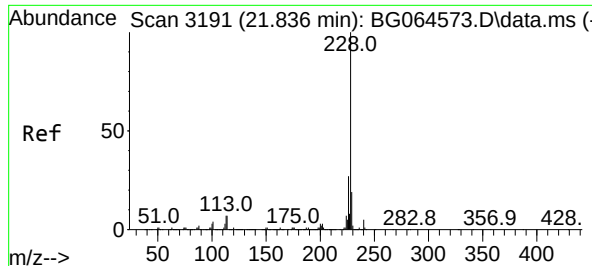
Reviewed By :Rahul Chavli 10/27/2025
 Supervised By :mohammad ahmed 11/05/2025



#80
 Butylbenzylphthalate
 Concen: 19.633 ng
 RT: 20.856 min Scan# 3024
 Delta R.T. 0.000 min
 Lab File: BG064572.D
 Acq: 24 Oct 2025 12:23

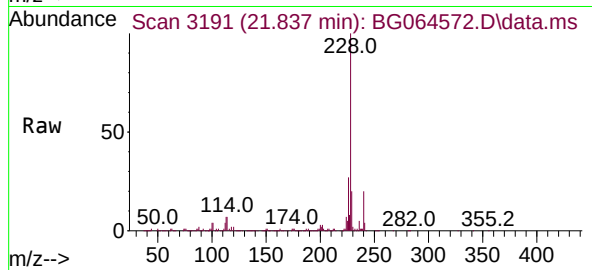
Tgt Ion:149 Resp: 158394
 Ion Ratio Lower Upper
 149 100
 91 70.4 59.2 88.8
 206 22.3 18.1 27.1





#81
Benzo(a)anthracene
Concen: 19.490 ng
RT: 21.837 min Scan# 3191
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

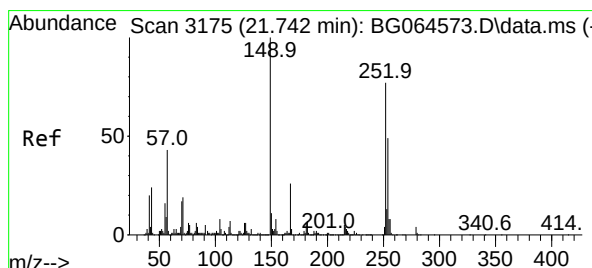
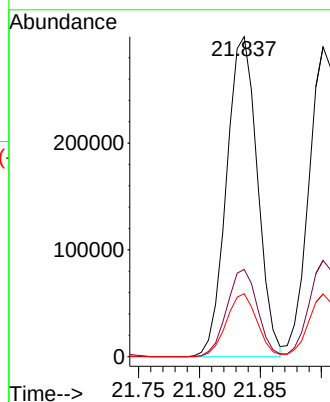
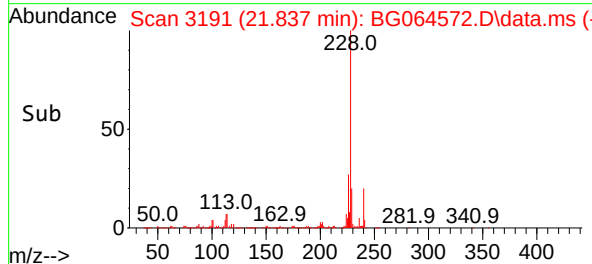
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 528009
Ion Ratio Lower Upper
228 100
226 27.2 21.9 32.9
229 19.7 15.6 23.4

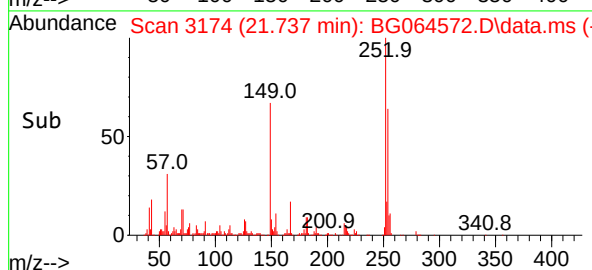
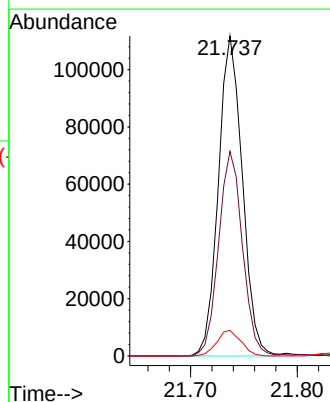
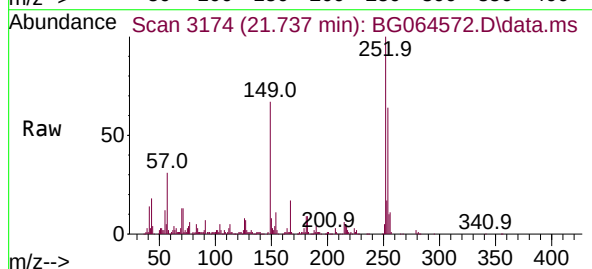
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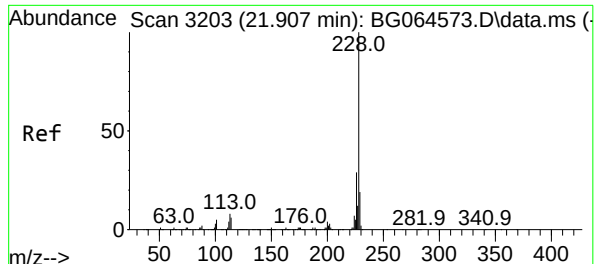
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#82
3,3'-Dichlorobenzidine
Concen: 19.323 ng
RT: 21.737 min Scan# 3174
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:252 Resp: 174803
Ion Ratio Lower Upper
252 100
254 63.9 50.8 76.2
126 8.0 5.8 8.6





#83

Chrysene

Concen: 19.479 ng

RT: 21.901 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:228 Resp: 502125

Ion Ratio Lower Upper

228 100

226 31.1 23.3 34.9

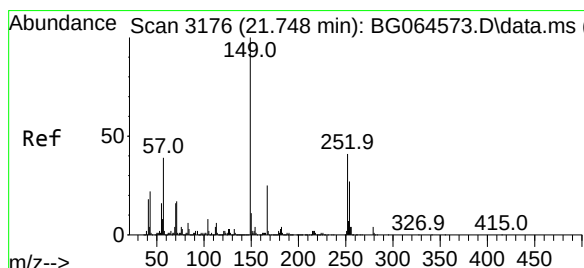
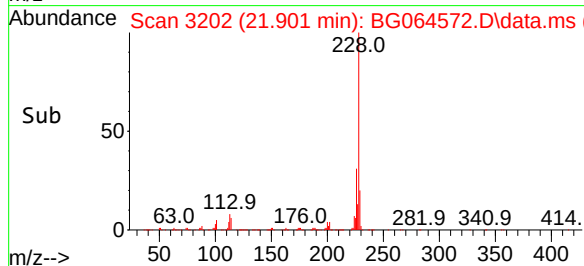
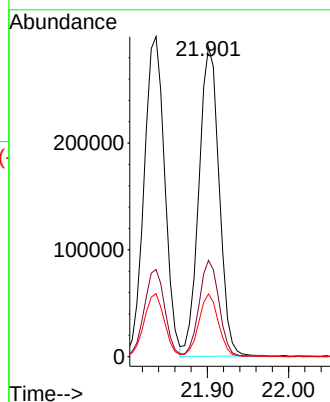
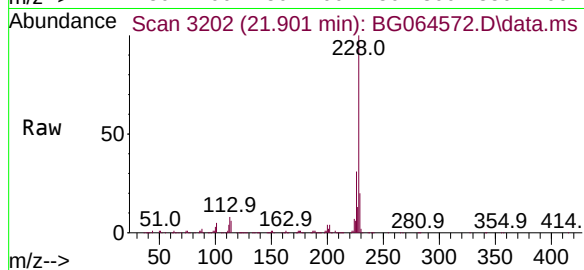
229 20.2 15.2 22.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 19.703 ng

RT: 21.749 min Scan# 3176

Delta R.T. 0.000 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

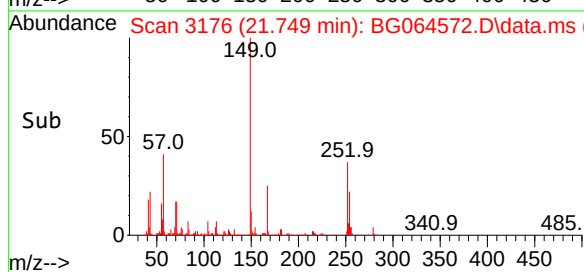
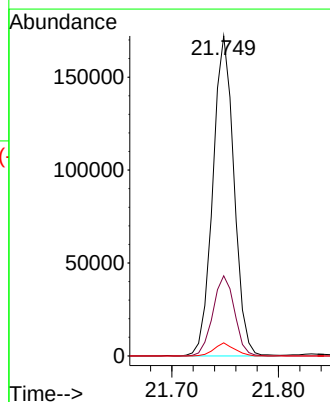
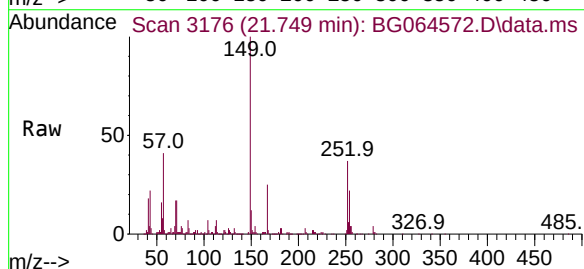
Tgt Ion:149 Resp: 237524

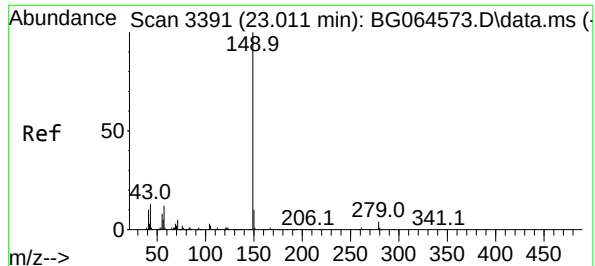
Ion Ratio Lower Upper

149 100

167 25.0 20.0 30.0

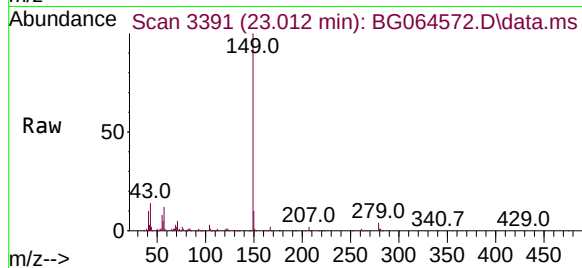
279 4.1 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 18.740 ng
RT: 23.012 min Scan# 3391
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

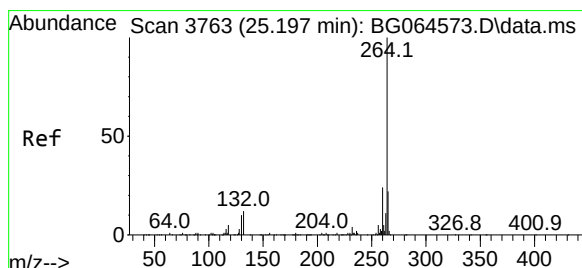
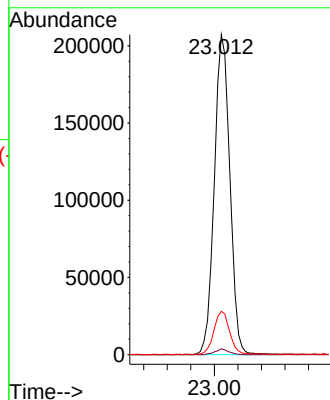
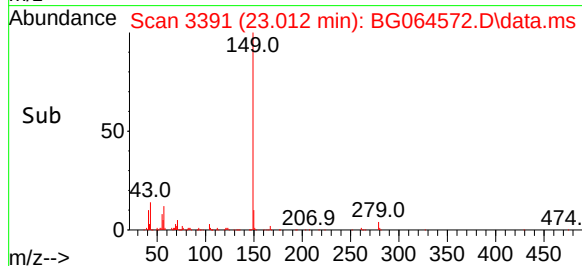
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:149 Resp: 380895
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 14.0 10.8 16.2

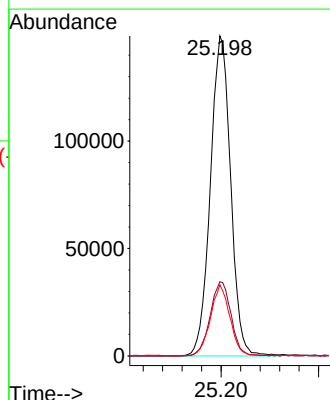
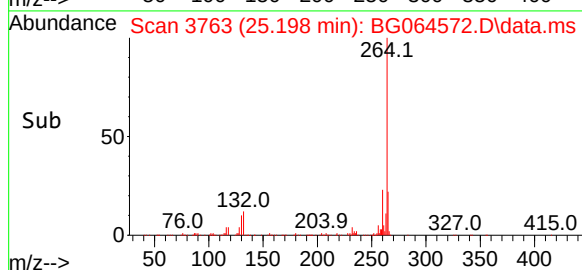
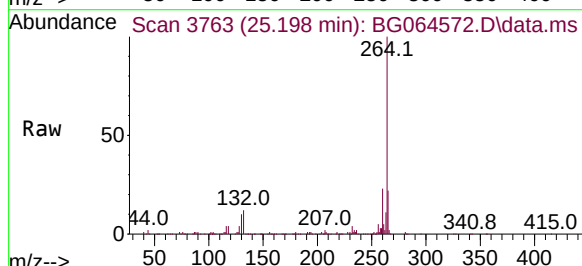
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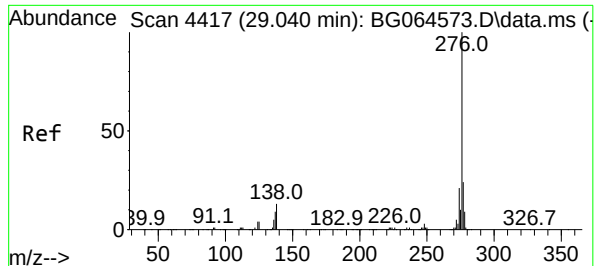
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.198 min Scan# 3763
Delta R.T. 0.000 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

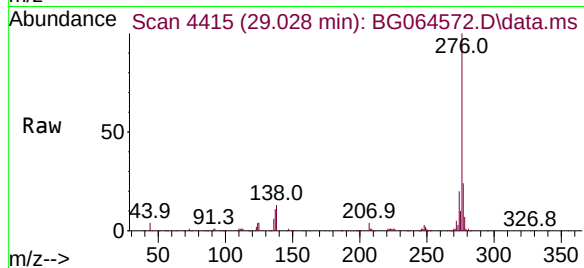
Tgt Ion:264 Resp: 430370
Ion Ratio Lower Upper
264 100
260 23.2 19.0 28.4
265 22.2 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 19.163 ng
RT: 29.028 min Scan# 4417
Delta R.T. -0.011 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

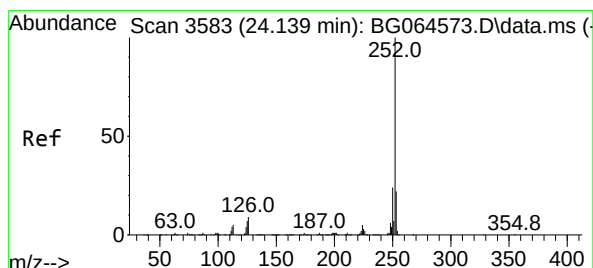
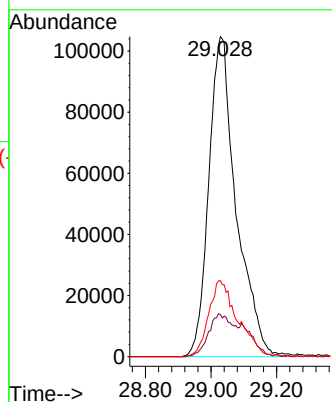
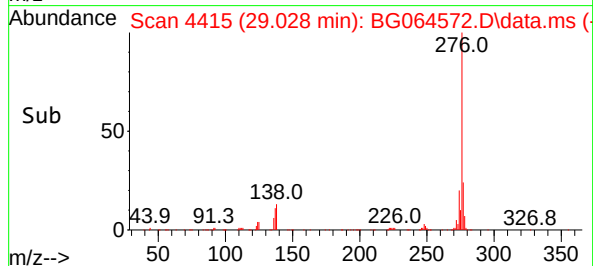
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion: 276 Resp: 606702
Ion Ratio Lower Upper
276 100
138 12.0 10.8 16.2
277 25.1 20.1 30.1

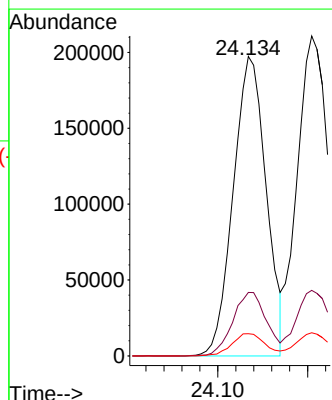
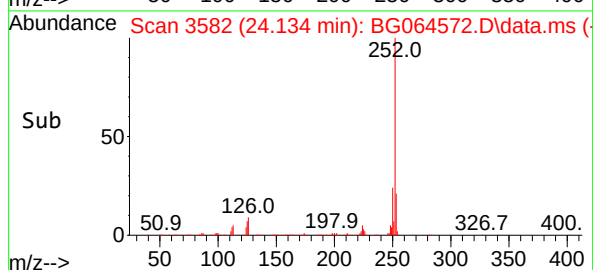
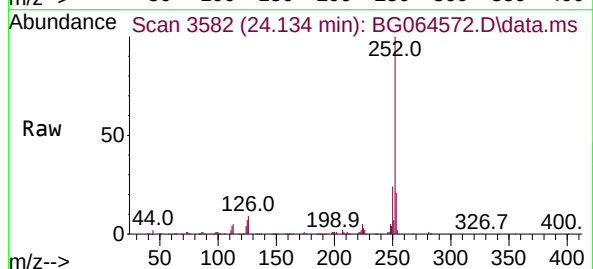
Manual Integrations
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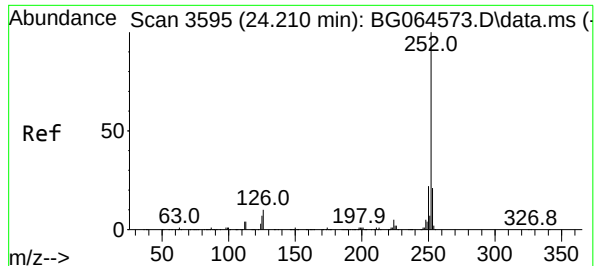
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#88
Benzo(b)fluoranthene
Concen: 19.066 ng
RT: 24.134 min Scan# 3582
Delta R.T. -0.005 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion: 252 Resp: 503145
Ion Ratio Lower Upper
252 100
253 21.2 17.8 26.8
125 7.4 5.6 8.4





#89

Benzo(k)fluoranthene

Concen: 19.650 ng

RT: 24.205 min Scan# 3594

Delta R.T. -0.005 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:252 Resp: 518915

Ion Ratio Lower Upper

252 100

253 20.5 16.8 25.2

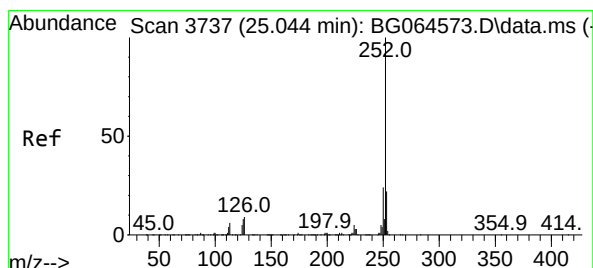
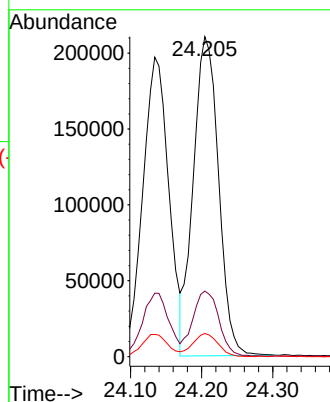
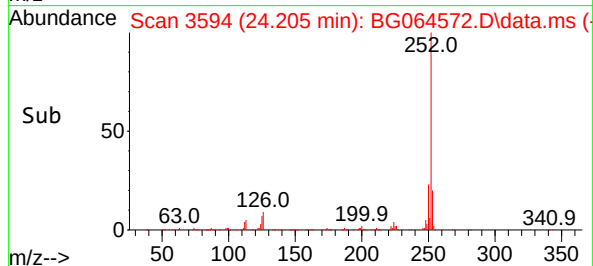
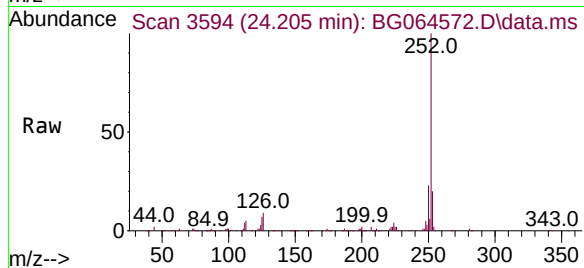
125 7.2 5.4 8.0

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#90

Benzo(a)pyrene

Concen: 19.398 ng

RT: 25.039 min Scan# 3736

Delta R.T. -0.005 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

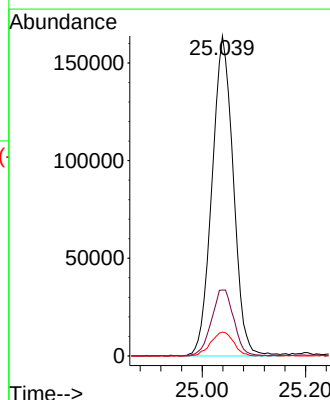
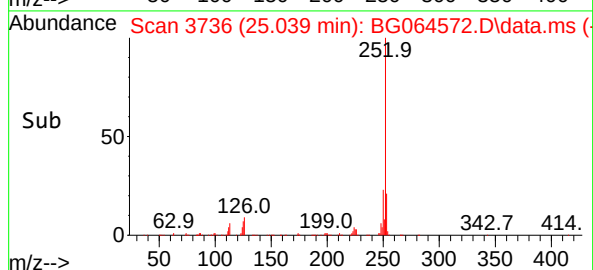
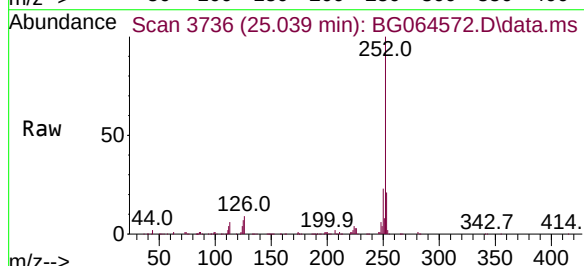
Tgt Ion:252 Resp: 470556

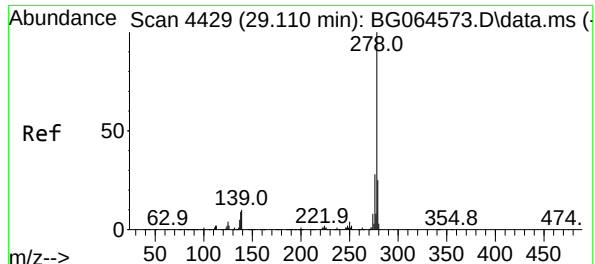
Ion Ratio Lower Upper

252 100

253 20.6 17.6 26.4

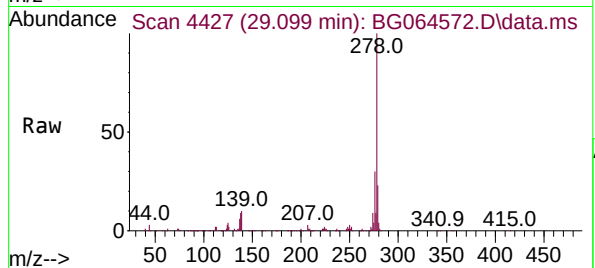
125 7.4 6.1 9.1





#91
Dibenzo(a,h)anthracene
Concen: 19.377 ng
RT: 29.099 min Scan# 4429
Delta R.T. -0.011 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

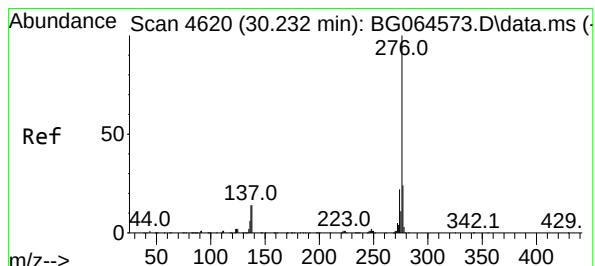
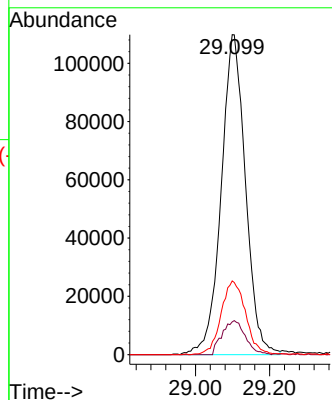
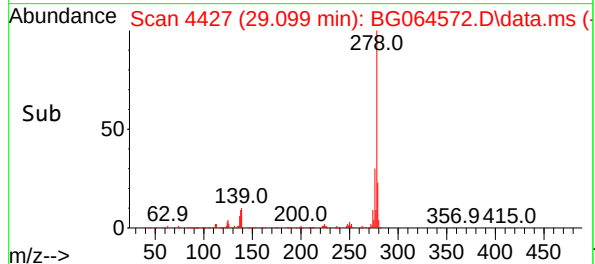
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion: 278 Resp: 498395
Ion Ratio Lower Upper
278 100
139 10.2 8.0 12.0
279 23.0 19.8 29.6

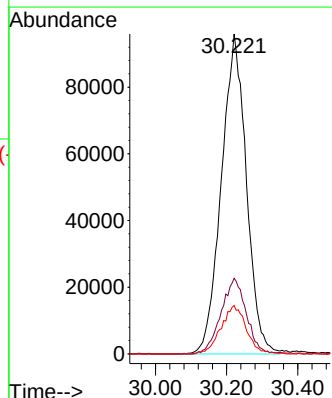
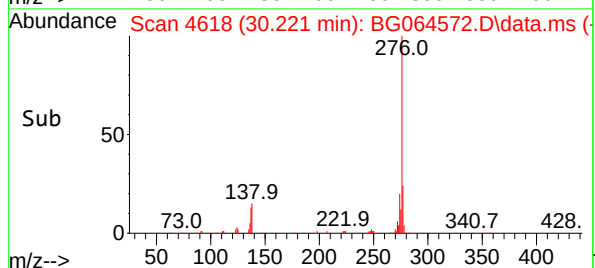
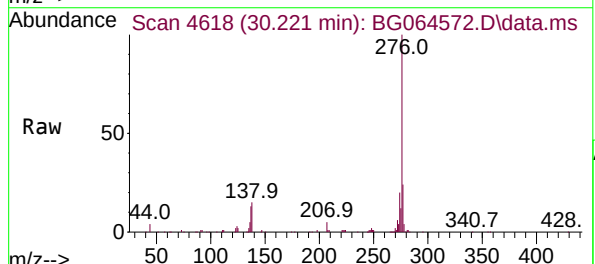
Manual Integrations
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Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#92
Benzo(g,h,i)perylene
Concen: 19.067 ng
RT: 30.221 min Scan# 4618
Delta R.T. -0.011 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion: 276 Resp: 468496
Ion Ratio Lower Upper
276 100
277 23.6 19.1 28.7
138 15.1 11.3 16.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064573.D
 Acq On : 24 Oct 2025 13:03
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/27/2025
 Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 03 18:00:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 17:56:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	40195	20.000	ng	0.00
21) Naphthalene-d8	11.049	136	164795	20.000	ng	0.00
39) Acenaphthene-d10	14.845	164	130542	20.000	ng	0.00
64) Phenanthrene-d10	17.582	188	313311	20.000	ng	0.00
76) Chrysene-d12	21.860	240	332834	20.000	ng	0.00
86) Perylene-d12	25.197	264	350897	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	207807	86.778	ng	0.00
7) Phenol-d6	7.353	99	284694	86.638	ng	0.00
23) Nitrobenzene-d5	9.386	82	248341	90.513	ng	0.00
42) 2,4,6-Tribromophenol	16.319	330	165976	88.092	ng	0.00
45) 2-Fluorobiphenyl	13.476	172	722477	83.888	ng	0.00
79) Terphenyl-d14	20.174	244	1521028	86.242	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.587	88	42215	39.818	ng	100
3) Pyridine	3.998	79	134153	42.136	ng	100
4) n-Nitrosodimethylamine	3.904	42	72367	42.385	ng	100
6) Aniline	7.530	93	191799	42.894	ng	100
8) 2-Chlorophenol	7.776	128	110414	44.051	ng	100
9) Benzaldehyde	7.342	77	75557	42.117	ng	100
10) Phenol	7.377	94	156259	42.998	ng	100
11) bis(2-Chloroethyl)ether	7.624	93	111183	41.613	ng	100
12) 1,3-Dichlorobenzene	8.111	146	122224	42.367	ng	100
13) 1,4-Dichlorobenzene	8.258	146	123314	42.037	ng	100
14) 1,2-Dichlorobenzene	8.581	146	119228	42.140	ng	100
15) Benzyl Alcohol	8.446	79	114526	42.265	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.740	45	300095	42.819	ng	100
17) 2-Methylphenol	8.652	107	102315	42.405	ng	100
18) Hexachloroethane	9.322	117	43488	42.246	ng	100
19) n-Nitroso-di-n-propyla...	9.028	70	98647	43.438	ng	100
20) 3+4-Methylphenols	8.975	107	146177	43.080	ng	100
22) Acetophenone	9.045	105	192583	42.750	ng	100
24) Nitrobenzene	9.427	77	135107	45.274	ng	100
25) Isophorone	9.956	82	286439	43.507	ng	100
26) 2-Nitrophenol	10.144	139	45134	39.772	ng	100
27) 2,4-Dimethylphenol	10.191	122	110518	45.129	ng	100
28) bis(2-Chloroethoxy)met...	10.438	93	161449	43.070	ng	100
29) 2,4-Dichlorophenol	10.679	162	118669	45.026	ng	100
30) 1,2,4-Trichlorobenzene	10.908	180	128902	43.046	ng	100
31) Naphthalene	11.096	128	388032	42.469	ng	100
32) Benzoic acid	10.309	122	73604m	40.425	ng	
33) 4-Chloroaniline	11.190	127	151231	42.585	ng	100
34) Hexachlorobutadiene	11.390	225	98683	42.139	ng	100
35) Caprolactam	11.948	113	44205	43.731	ng	100
36) 4-Chloro-3-methylphenol	12.289	107	140272	44.278	ng	100
37) 2-Methylnaphthalene	12.688	142	285089	42.499	ng	100
38) 1-Methylnaphthalene	12.906	142	281256	42.362	ng	100
40) 1,2,4,5-Tetrachloroben...	13.052	216	183376	41.856	ng	100
41) Hexachlorocyclopentadiene	13.041	237	84505	42.853	ng	100
43) 2,4,6-Trichlorophenol	13.276	196	110509	44.097	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064573.D
 Acq On : 24 Oct 2025 13:03
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/27/2025
 Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 03 18:00:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 17:56:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.346	196	126360	43.694	ng	100
46) 1,1'-Biphenyl	13.681	154	388718	41.885	ng	100
47) 2-Chloronaphthalene	13.728	162	295501	42.182	ng	100
48) 2-Nitroaniline	13.910	65	90958	39.303	ng	100
49) Acenaphthylene	14.568	152	466393	42.209	ng	100
50) Dimethylphthalate	14.286	163	428475	42.894	ng	100
51) 2,6-Dinitrotoluene	14.398	165	64452	39.696	ng	100
52) Acenaphthene	14.909	154	319250	42.289	ng	100
53) 3-Nitroaniline	14.727	138	76841	44.762	ng	100
54) 2,4-Dinitrophenol	14.927	184	35677	38.390	ng	100
55) Dibenzofuran	15.238	168	512547	41.995	ng	100
56) 4-Nitrophenol	15.009	139	68064	42.765	ng	100
57) 2,4-Dinitrotoluene	15.179	165	100448	39.962	ng	100
58) Fluorene	15.884	166	399745	41.939	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.456	232	121762	44.030	ng	100
60) Diethylphthalate	15.649	149	432571	42.412	ng	100
61) 4-Chlorophenyl-phenyle...	15.879	204	226104	42.270	ng	100
62) 4-Nitroaniline	15.884	138	85297	44.662	ng	100
63) Azobenzene	16.166	77	401676	42.922	ng	100
65) 4,6-Dinitro-2-methylph...	15.943	198	51829	38.770	ng	100
66) n-Nitrosodiphenylamine	16.084	169	365624	43.201	ng	100
67) 4-Bromophenyl-phenylether	16.766	248	161744	43.563	ng	100
68) Hexachlorobenzene	16.889	284	183262	43.265	ng	100
69) Atrazine	17.024	200	153706	42.203	ng	100
70) Pentachlorophenol	17.224	266	112769	42.694	ng	100
71) Phenanthrene	17.624	178	728184	42.500	ng	100
72) Anthracene	17.712	178	743567	42.663	ng	100
73) Carbazole	17.970	167	646319	42.053	ng	100
74) Di-n-butylphthalate	18.534	149	776847	43.711	ng	100
75) Fluoranthene	19.615	202	902557	42.050	ng	100
77) Benzidine	19.780	184	325845	43.697	ng	100
78) Pyrene	19.974	202	939110	43.186	ng	100
80) Butylbenzylphthalate	20.855	149	299706	45.601	ng	100
81) Benzo(a)anthracene	21.836	228	942839	42.723	ng	100
82) 3,3'-Dichlorobenzidine	21.742	252	317851	43.131	ng	100
83) Chrysene	21.907	228	894813	42.613	ng	100
84) Bis(2-ethylhexyl)phtha...	21.748	149	446785	45.494	ng	100
85) Di-n-octyl phthalate	23.011	149	723360	43.688	ng	100
87) Indeno(1,2,3-cd)pyrene	29.040	276	1100259	42.624	ng	100
88) Benzo(b)fluoranthene	24.139	252	927550	43.108	ng	100
89) Benzo(k)fluoranthene	24.210	252	901706	41.878	ng	100
90) Benzo(a)pyrene	25.044	252	843258	42.635	ng	100
91) Dibenzo(a,h)anthracene	29.110	278	889808	42.430	ng	100
92) Benzo(g,h,i)perylene	30.232	276	851248	42.492	ng	100

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

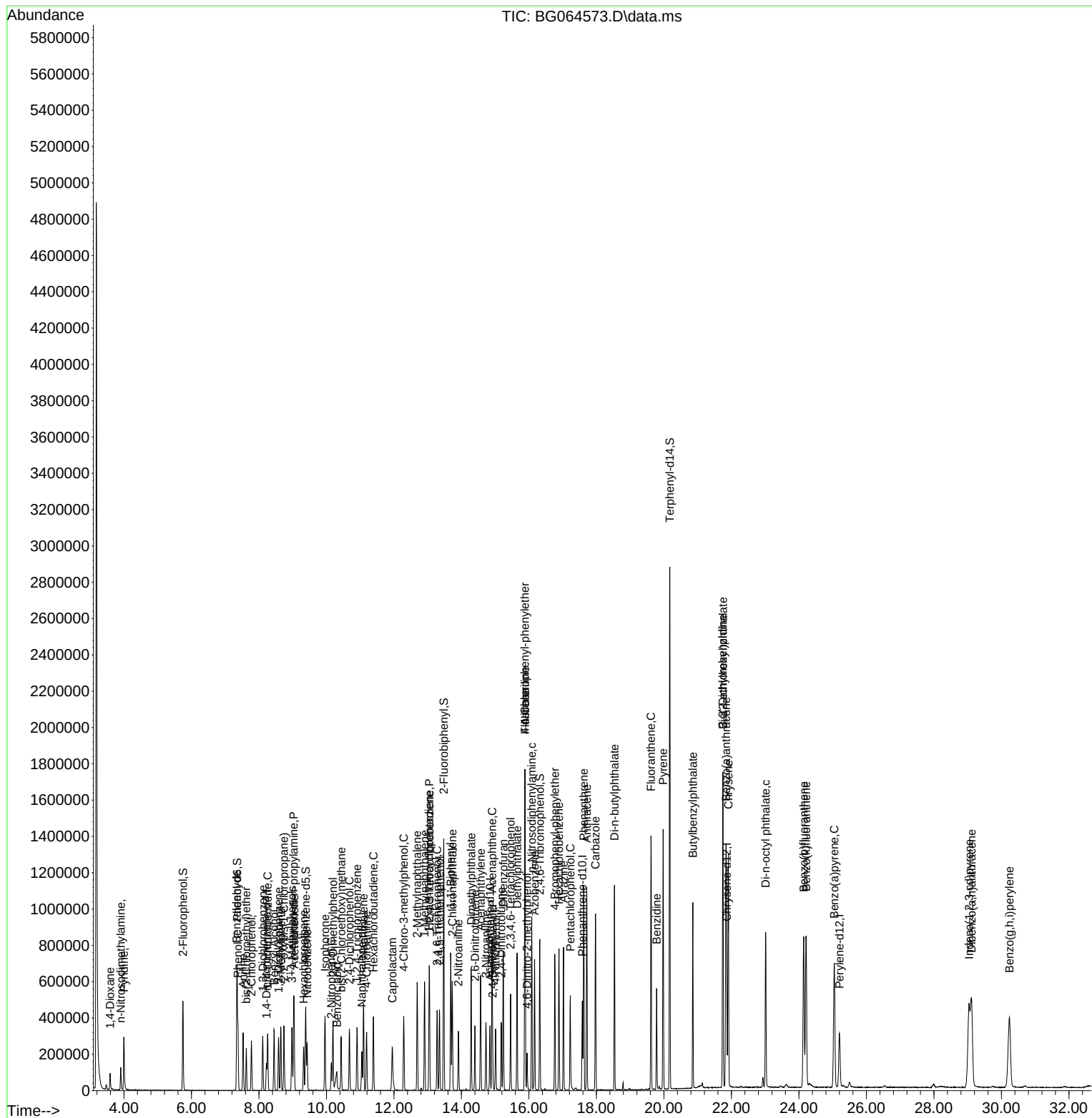
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Data File : BG064573.D
Acq On : 24 Oct 2025 13:03
Operator : RC/JU
Sample : SSTIDICC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

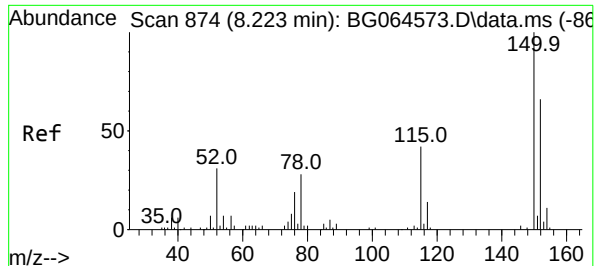
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

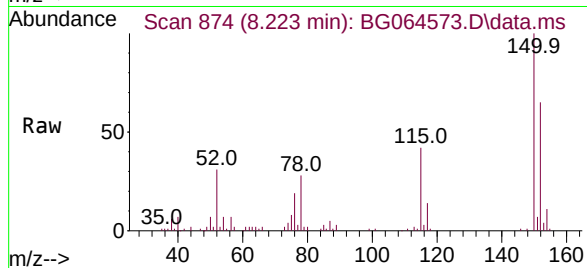
Quant Time: Nov 03 18:00:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.223 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

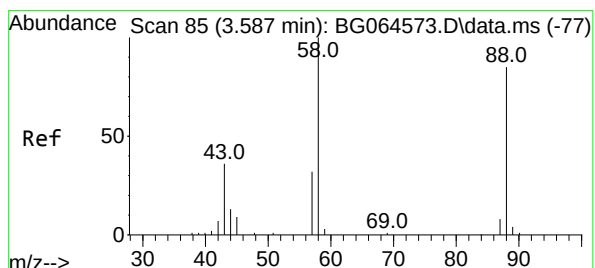
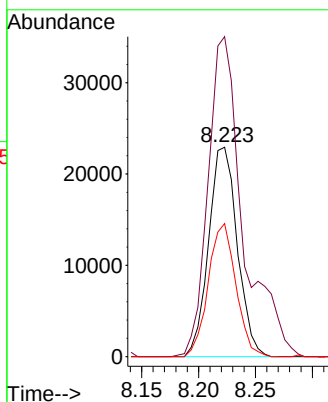
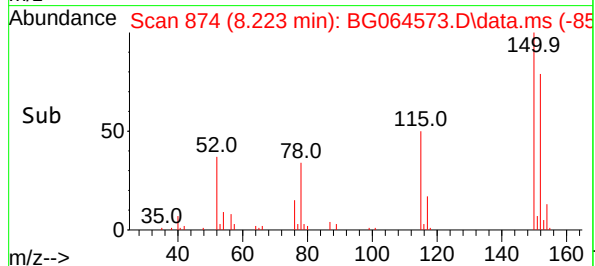
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:152 Resp: 40195
Ion Ratio Lower Upper
152 100
150 152.8 122.2 183.4
115 63.5 50.8 76.2

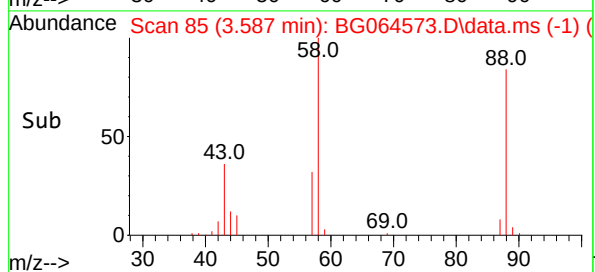
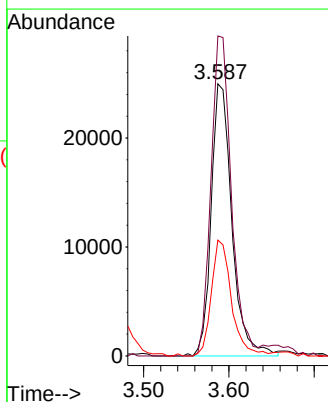
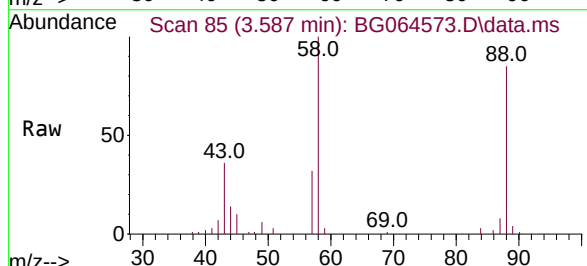
Manual Integrations
APPROVED

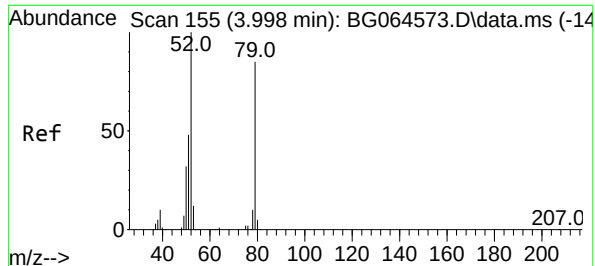
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#2
1,4-Dioxane
Concen: 39.818 ng
RT: 3.587 min Scan# 85
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

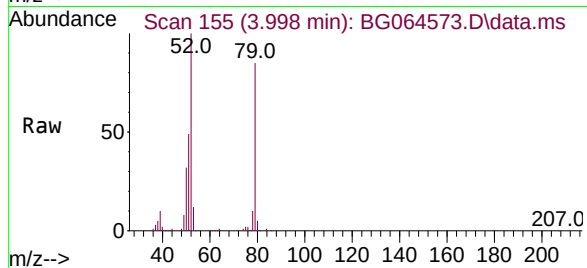
Tgt Ion: 88 Resp: 42215
Ion Ratio Lower Upper
88 100
58 115.5 92.4 138.6
43 41.3 33.0 49.6





#3
Pyridine
Concen: 42.136 ng
RT: 3.998 min Scan# 155
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

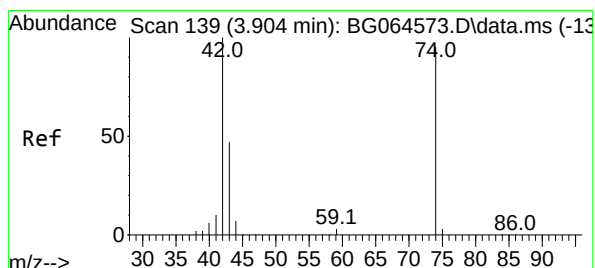
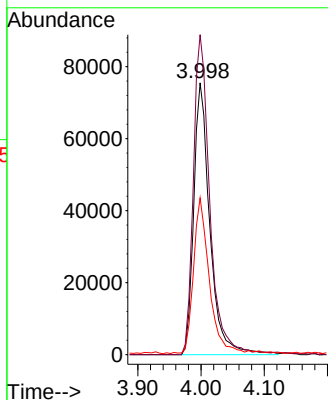
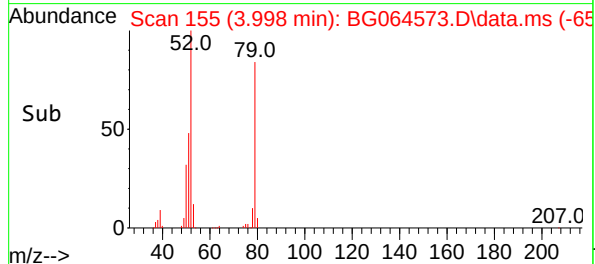
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion: 79 Resp: 134153
Ion Ratio Lower Upper
79 100
52 117.7 94.2 141.2
51 57.6 46.1 69.1

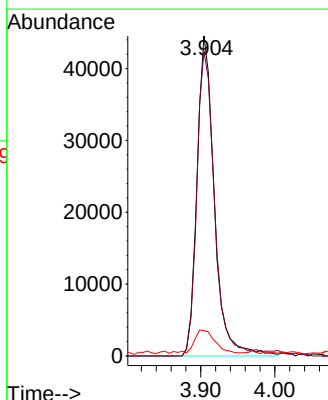
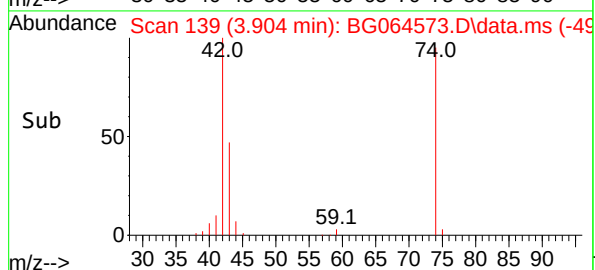
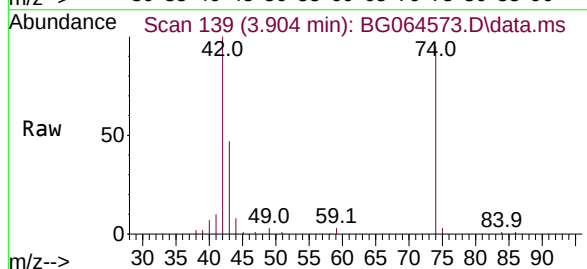
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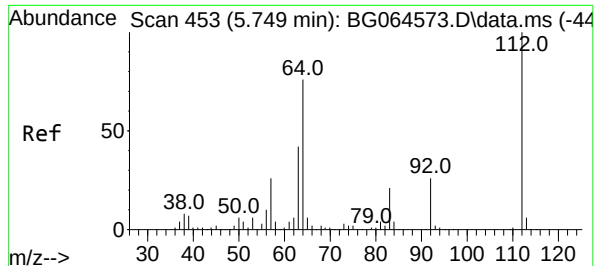
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#4
n-Nitrosodimethylamine
Concen: 42.385 ng
RT: 3.904 min Scan# 139
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

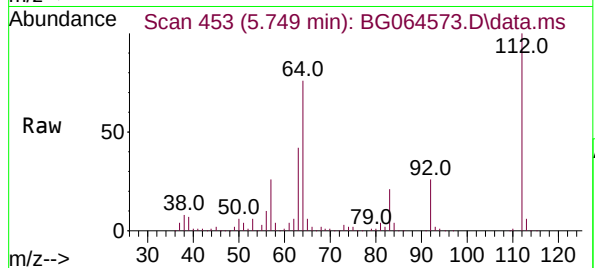
Tgt Ion: 42 Resp: 72367
Ion Ratio Lower Upper
42 100
74 95.1 76.1 114.1
44 7.9 6.3 9.5





#5
2-Fluorophenol
Concen: 86.778 ng
RT: 5.749 min Scan# 453
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

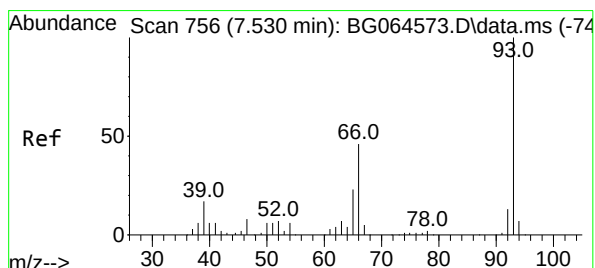
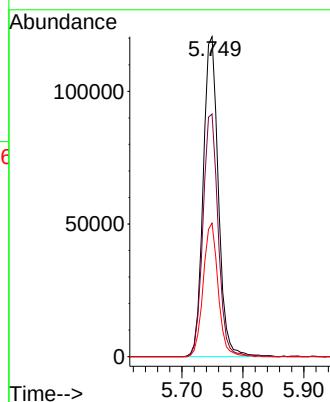
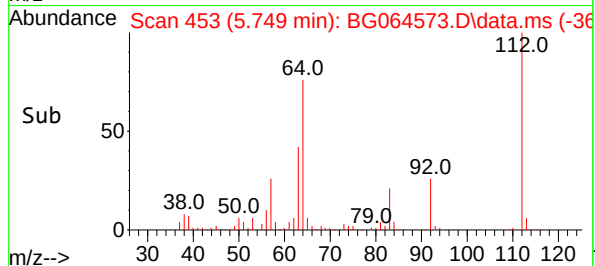
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:112 Resp: 20780
Ion Ratio Lower Upper
112 100
64 75.9 60.7 91.1
63 41.7 33.4 50.0

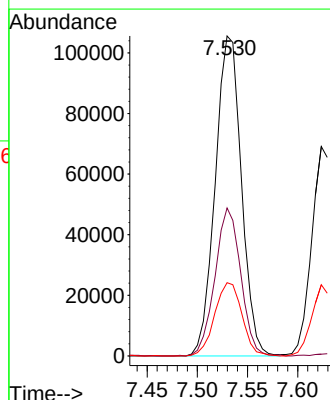
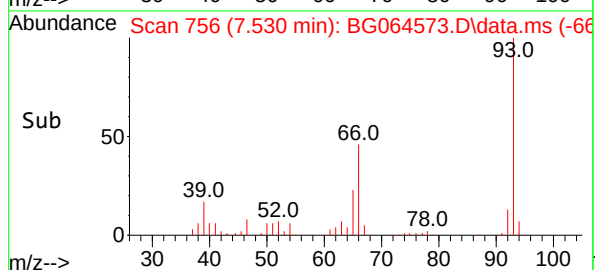
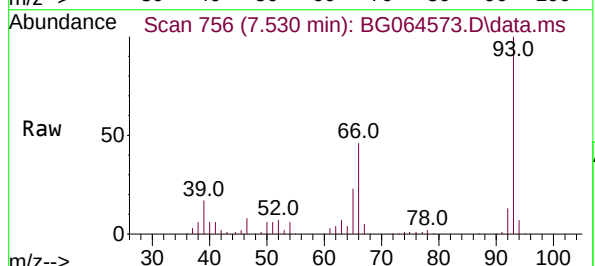
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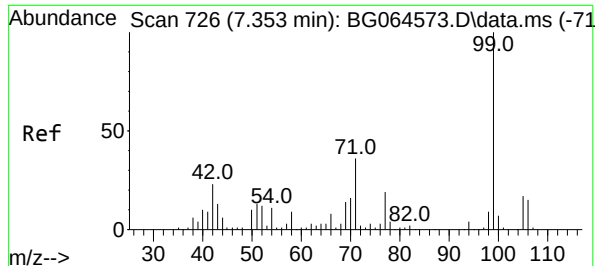
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#6
Aniline
Concen: 42.894 ng
RT: 7.530 min Scan# 756
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

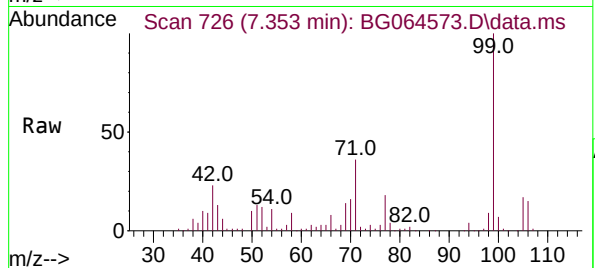
Tgt Ion: 93 Resp: 191799
Ion Ratio Lower Upper
93 100
66 46.3 37.0 55.6
65 22.9 18.3 27.5





#7
Phenol-d6
Concen: 86.638 ng
RT: 7.353 min Scan# 726
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

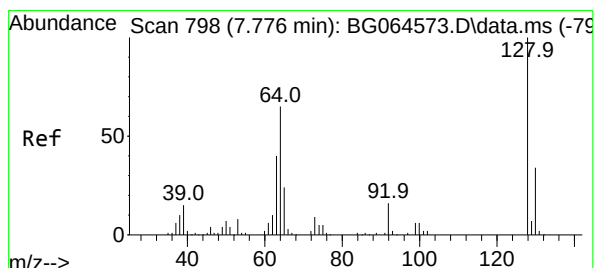
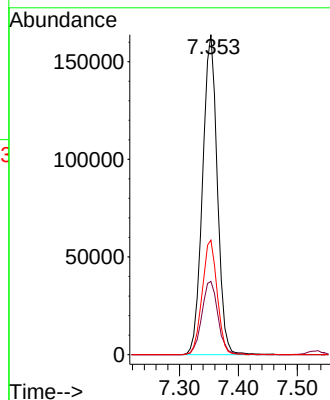
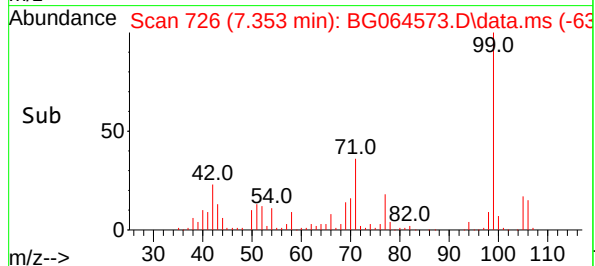
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion: 99 Resp: 284694
Ion Ratio Lower Upper
99 100
42 22.9 18.3 27.5
71 35.8 28.6 43.0

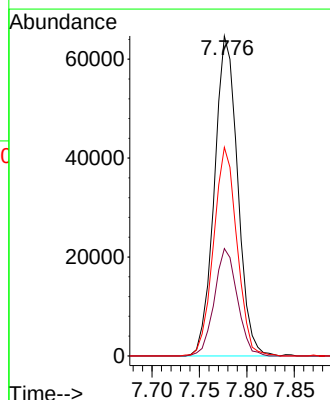
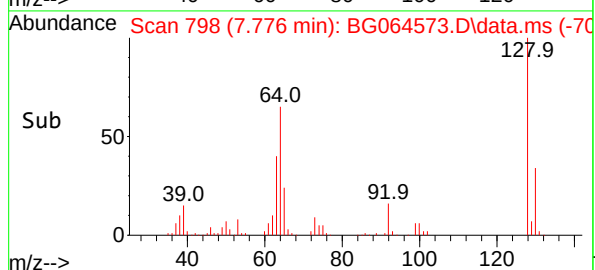
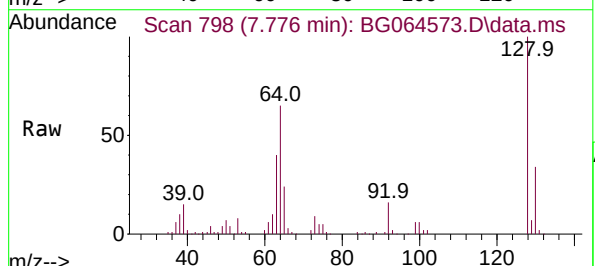
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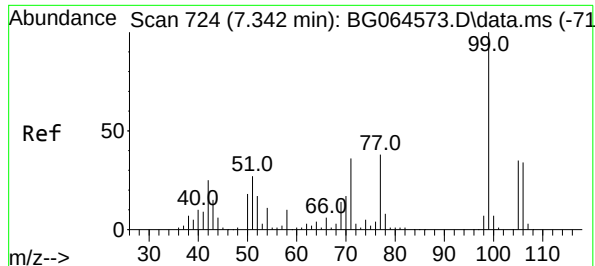
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#8
2-Chlorophenol
Concen: 44.051 ng
RT: 7.776 min Scan# 798
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

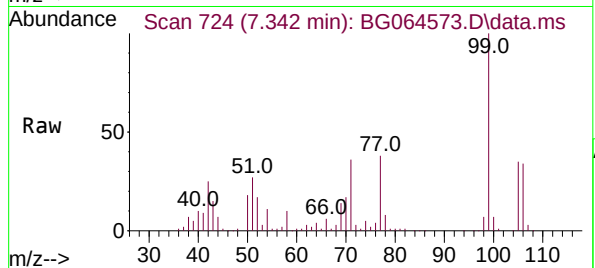
Tgt Ion:128 Resp: 110414
Ion Ratio Lower Upper
128 100
130 33.5 13.5 53.5
64 65.2 45.2 85.2





#9
Benzaldehyde
Concen: 42.117 ng
RT: 7.342 min Scan# 71
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

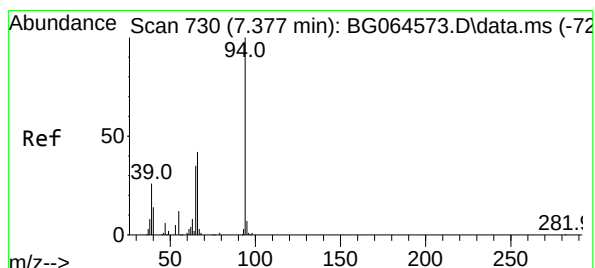
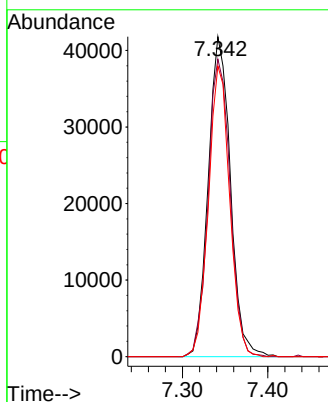
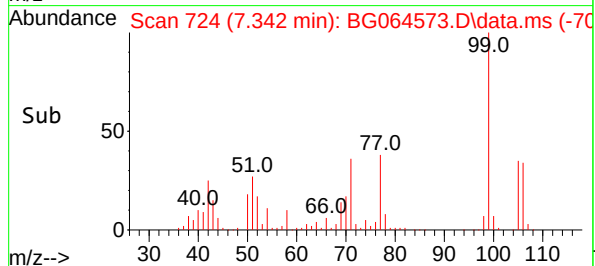
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



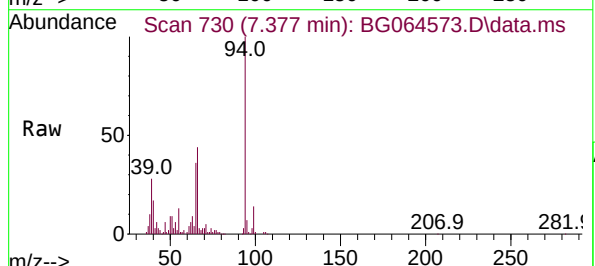
Tgt Ion: 77 Resp: 7555
Ion Ratio Lower Upper
77 100
105 92.9 72.9 112.9
106 90.8 70.8 110.8

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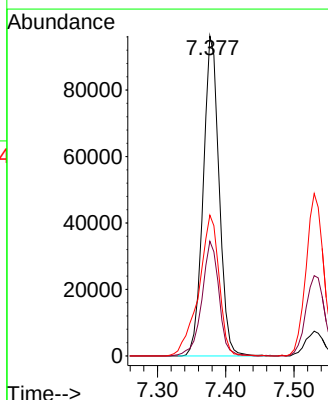
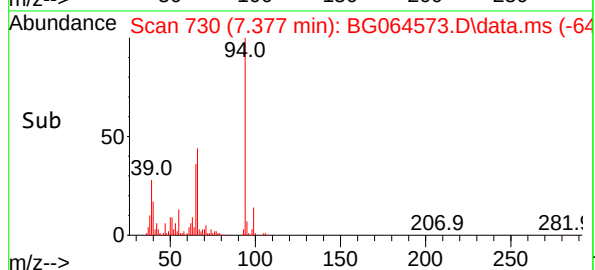
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

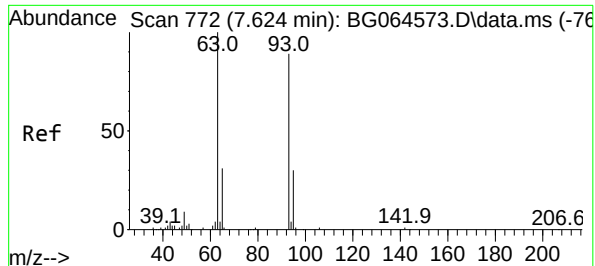


#10
Phenol
Concen: 42.998 ng
RT: 7.377 min Scan# 730
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03



Tgt Ion: 94 Resp: 156259
Ion Ratio Lower Upper
94 100
65 35.8 15.8 55.8
66 44.0 24.0 64.0





#11

bis(2-Chloroethyl)ether

Concen: 41.613 ng

RT: 7.624 min Scan# 772

Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion: 93 Resp: 111183

Ion Ratio Lower Upper

93 100

63 111.3 91.3 131.3

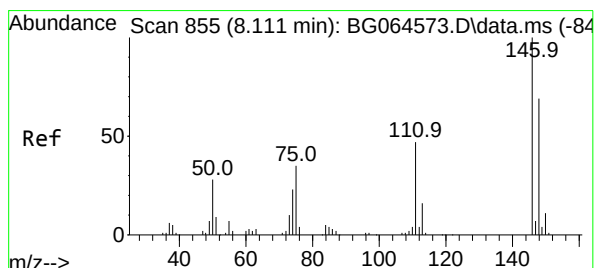
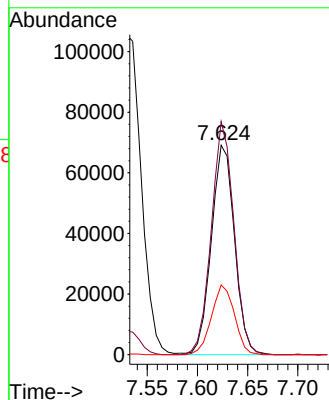
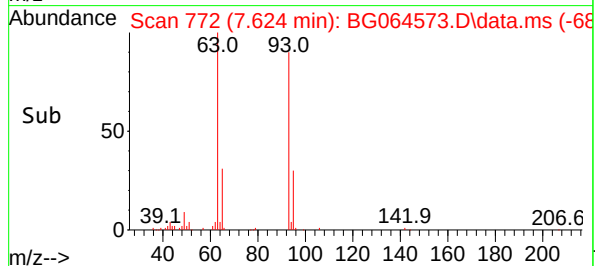
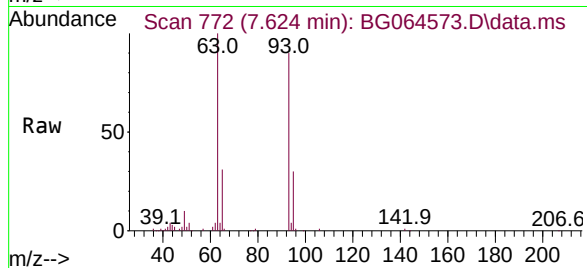
95 33.3 13.3 53.3

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#12

1,3-Dichlorobenzene

Concen: 42.367 ng

RT: 8.111 min Scan# 855

Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

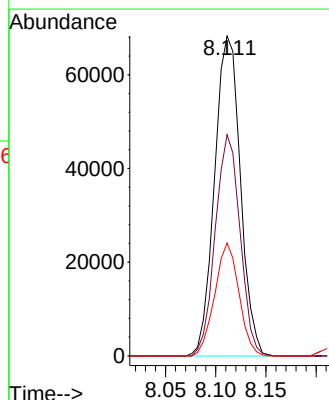
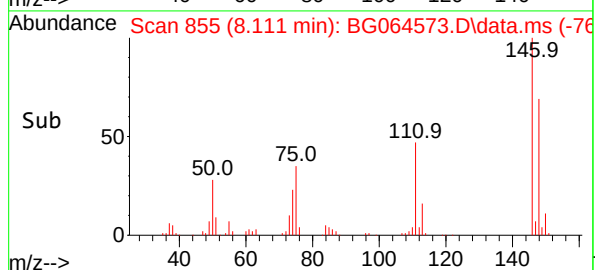
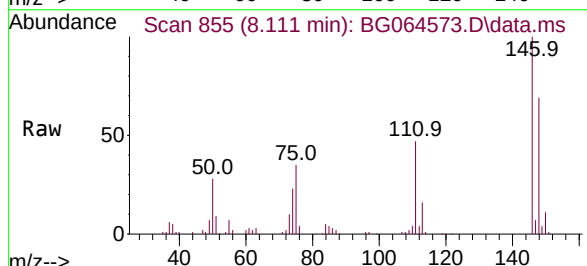
Tgt Ion:146 Resp: 122224

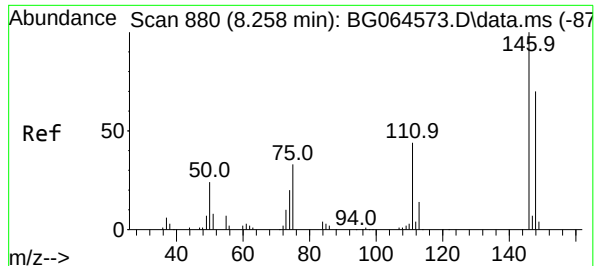
Ion Ratio Lower Upper

146 100

148 69.1 55.3 82.9

75 35.2 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 42.037 ng

RT: 8.258 min Scan# 880

Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:146 Resp: 123314

Ion Ratio Lower Upper

146 100

148 70.3 56.2 84.4

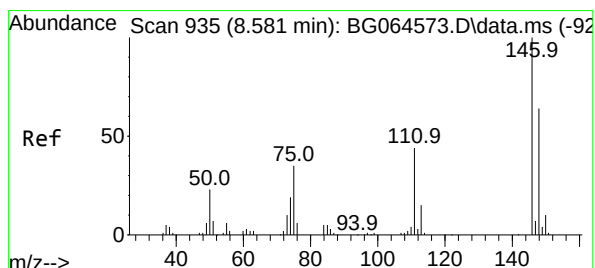
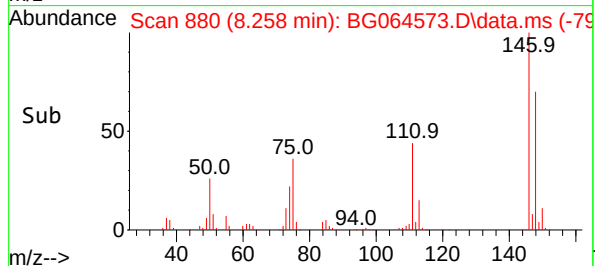
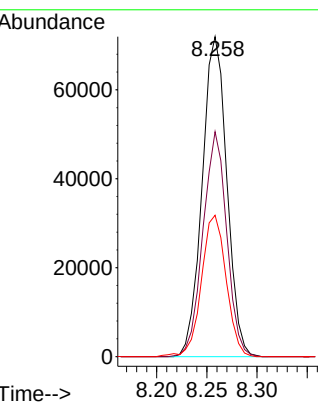
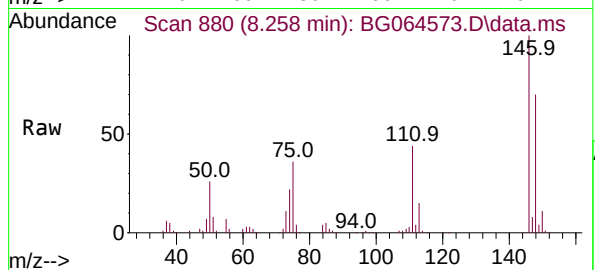
111 44.2 35.4 53.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#14

1,2-Dichlorobenzene

Concen: 42.140 ng

RT: 8.581 min Scan# 935

Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

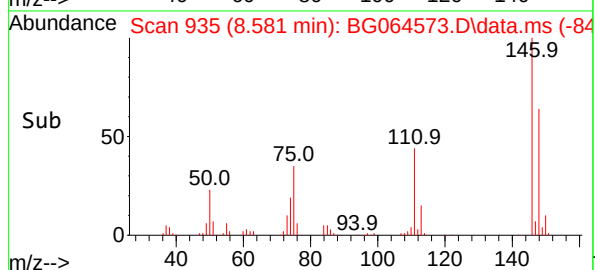
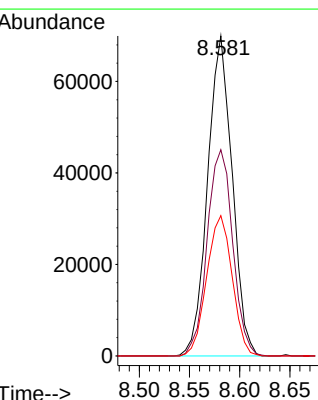
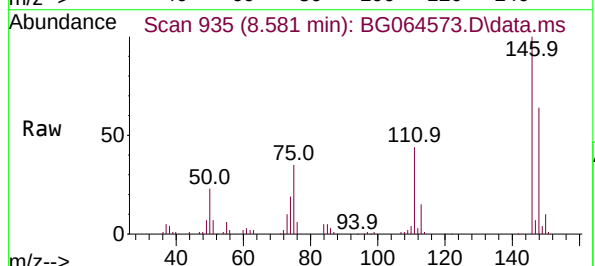
Tgt Ion:146 Resp: 119228

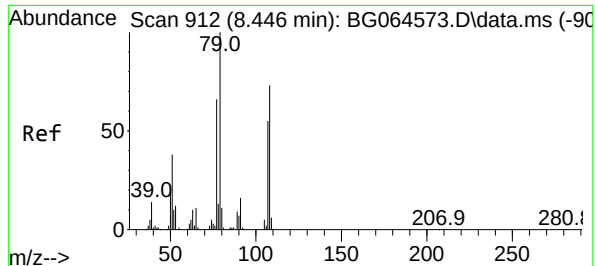
Ion Ratio Lower Upper

146 100

148 64.4 51.5 77.3

111 43.8 35.0 52.6





#15

Benzyl Alcohol

Concen: 42.265 ng

RT: 8.446 min Scan# 912

Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion: 79 Resp: 114526

Ion Ratio Lower Upper

79 100

108 72.6 58.1 87.1

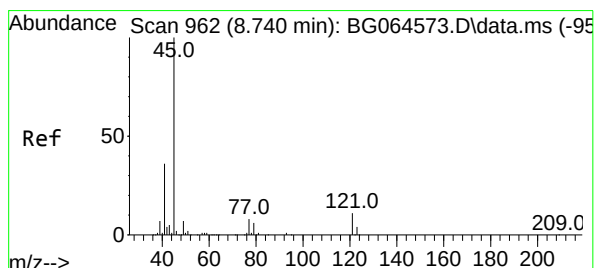
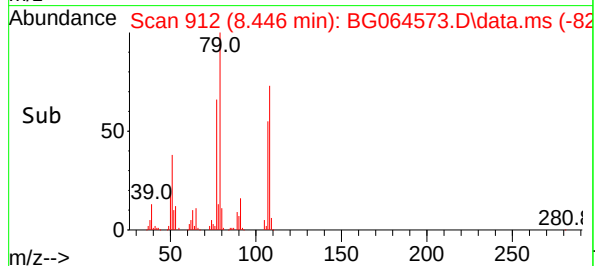
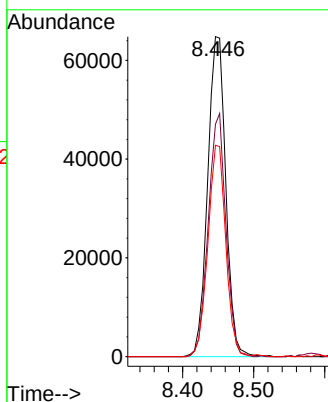
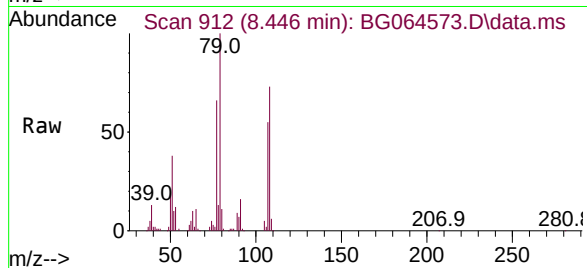
77 66.0 52.8 79.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.819 ng

RT: 8.740 min Scan# 962

Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

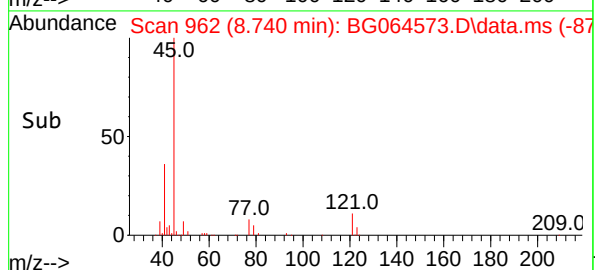
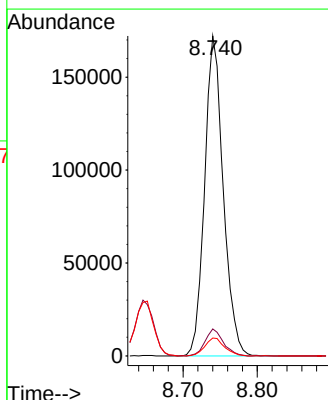
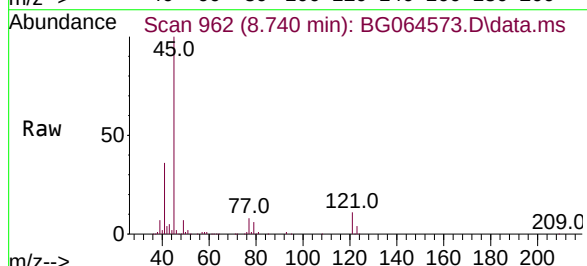
Tgt Ion: 45 Resp: 300095

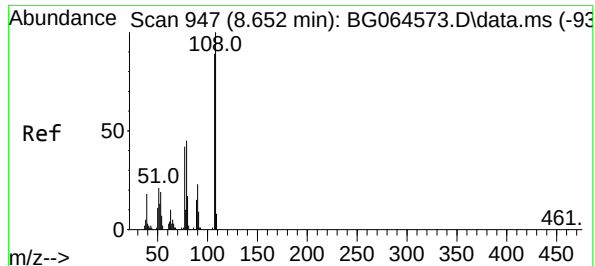
Ion Ratio Lower Upper

45 100

77 8.5 0.0 28.5

79 5.6 0.0 25.6





#17

2-Methylphenol

Concen: 42.405 ng

RT: 8.652 min Scan# 947

Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:107 Resp: 102315

Ion Ratio Lower Upper

107 100

108 112.5 90.0 135.0

77 47.3 37.8 56.8

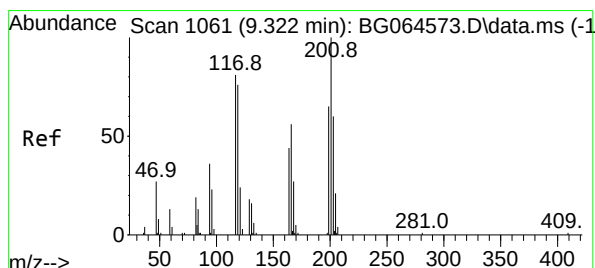
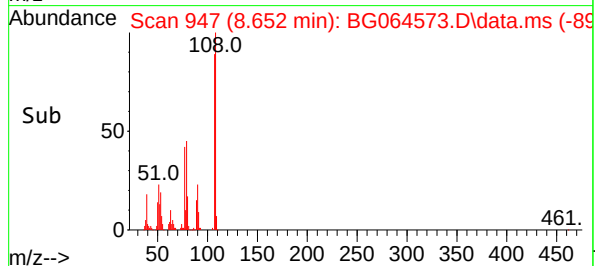
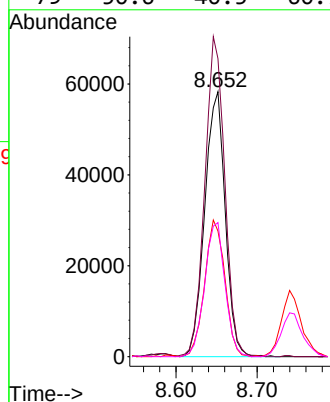
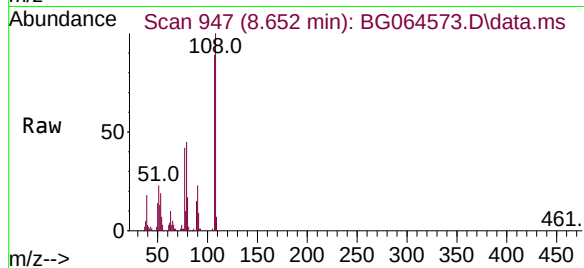
79 50.6 40.5 60.7

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#18

Hexachloroethane

Concen: 42.246 ng

RT: 9.322 min Scan# 1061

Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

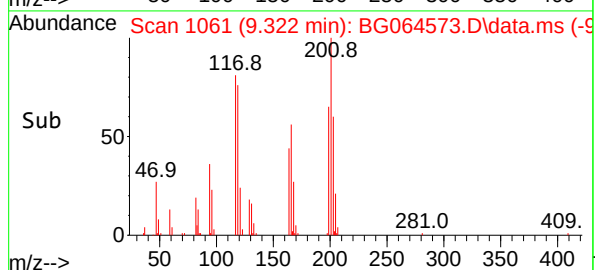
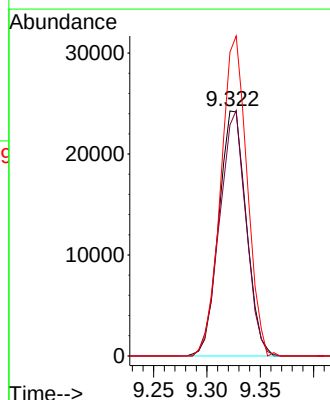
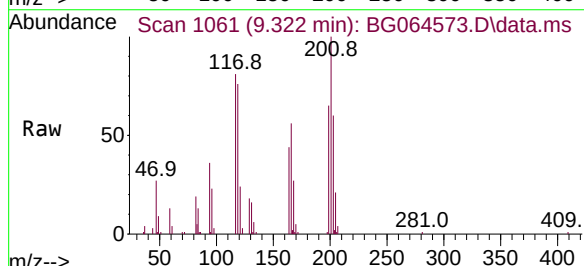
Tgt Ion:117 Resp: 43488

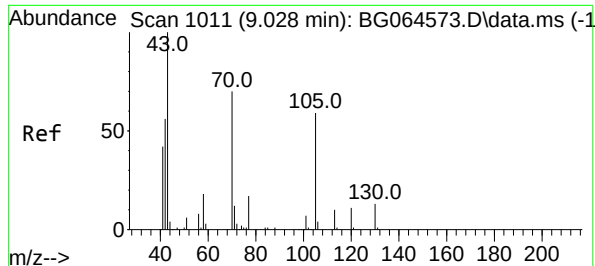
Ion Ratio Lower Upper

117 100

119 94.3 75.4 113.2

201 124.0 99.2 148.8





#19

n-Nitroso-di-n-propylamine

Concen: 43.438 ng

RT: 9.028 min Scan# 1011

Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 9864

Ion Ratio Lower Upper

70 100

42 81.5 65.2 97.8

101 9.9 7.9 11.9

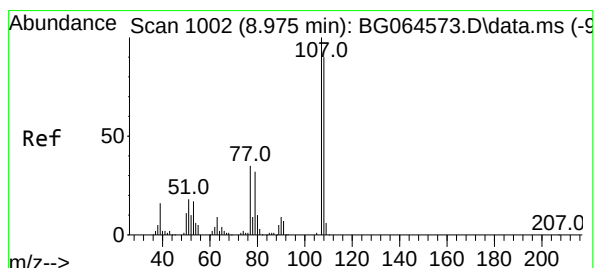
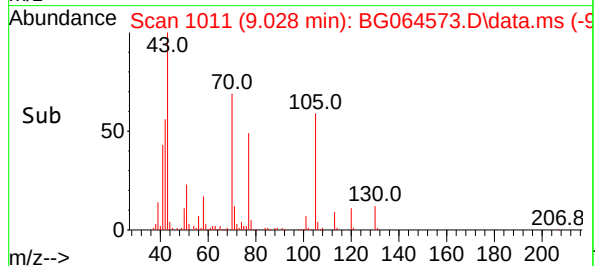
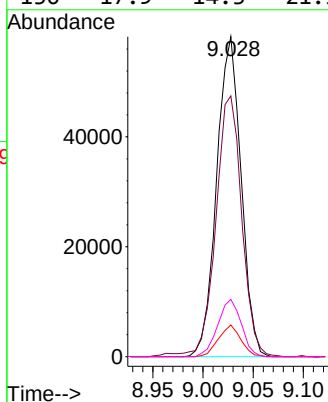
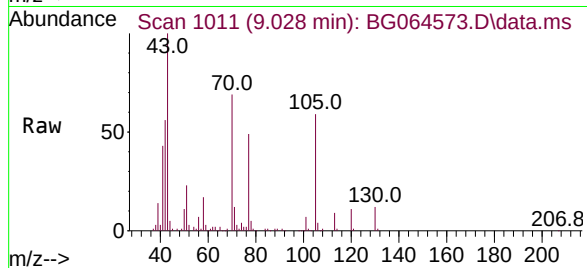
130 17.9 14.3 21.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#20

3+4-Methylphenols

Concen: 43.080 ng

RT: 8.975 min Scan# 1002

Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

Tgt Ion:107 Resp: 146177

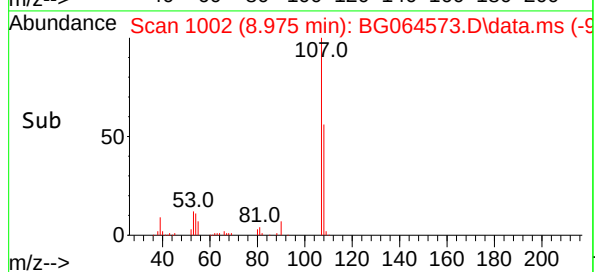
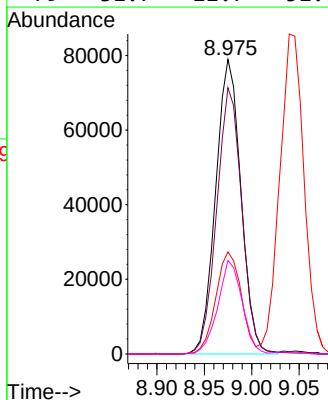
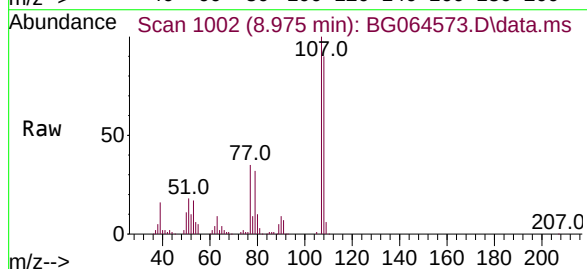
Ion Ratio Lower Upper

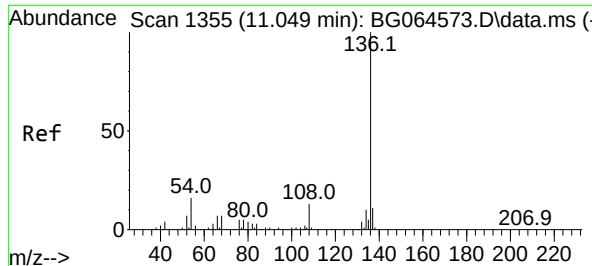
107 100

108 90.3 70.3 110.3

77 34.6 14.6 54.6

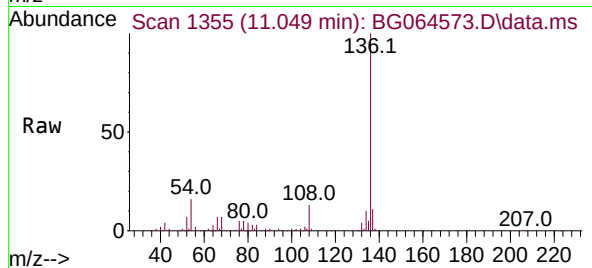
79 31.7 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.049 min Scan# 1355
Delta R.T. -0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

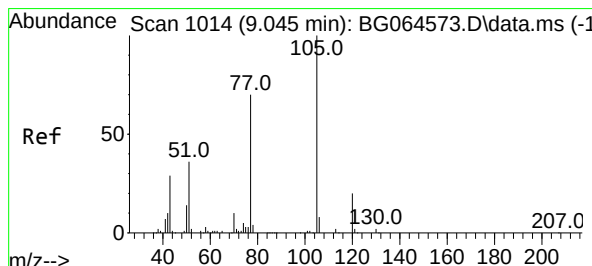
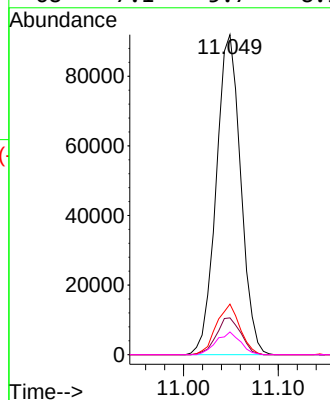
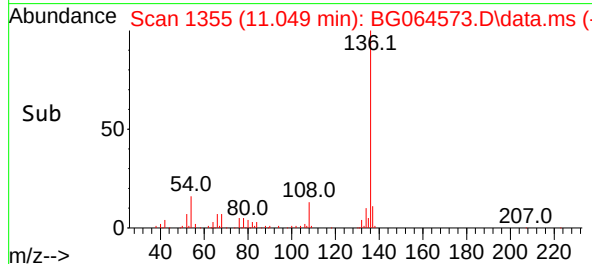
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:136 Resp: 164795
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 15.8 12.6 19.0
68 7.1 5.7 8.5

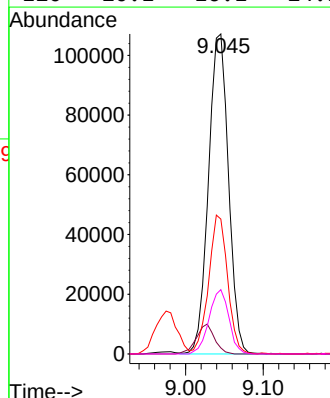
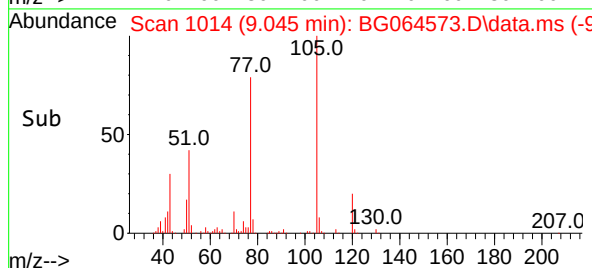
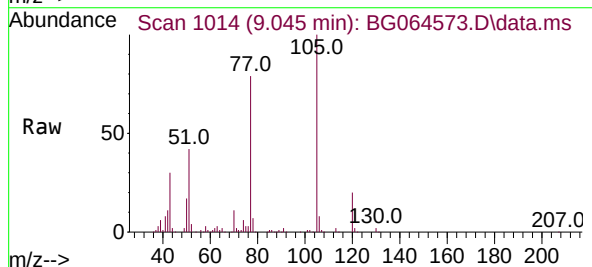
Manual Integrations
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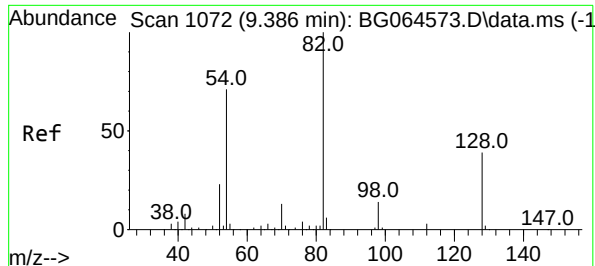
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#22
Acetophenone
Concen: 42.750 ng
RT: 9.045 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:105 Resp: 192583
Ion Ratio Lower Upper
105 100
71 1.9 1.5 2.3
51 42.1 33.7 50.5
120 20.1 16.1 24.1





#23

Nitrobenzene-d5

Concen: 90.513 ng

RT: 9.386 min Scan# 1072

Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 24834

Ion Ratio Lower Upper

82 100

128 39.1 31.3 46.9

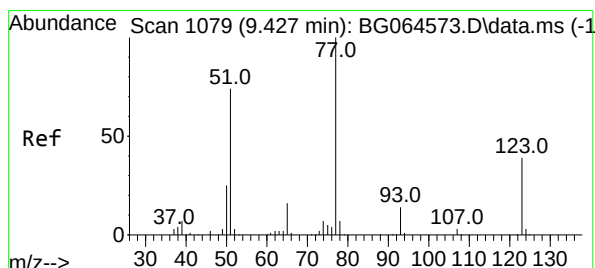
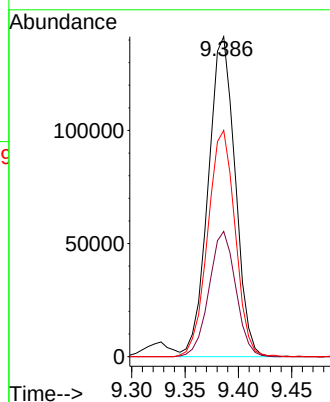
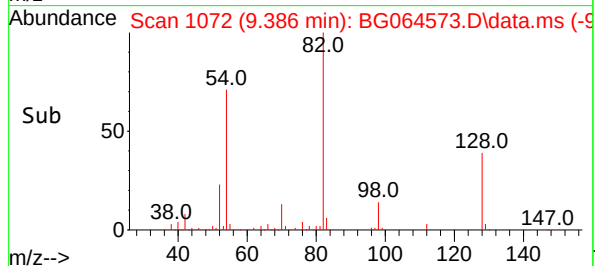
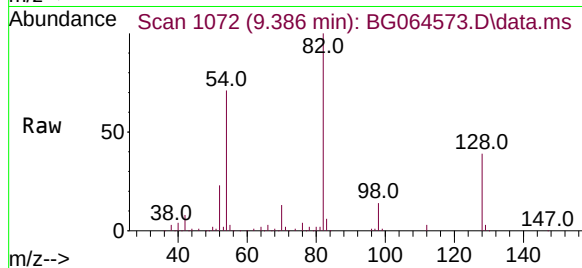
54 70.7 56.6 84.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#24

Nitrobenzene

Concen: 45.274 ng

RT: 9.427 min Scan# 1079

Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

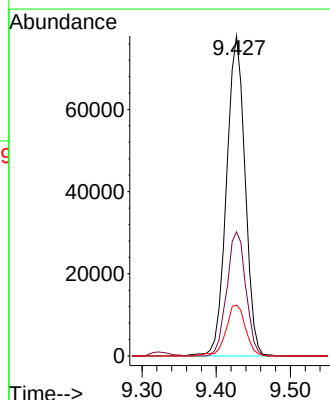
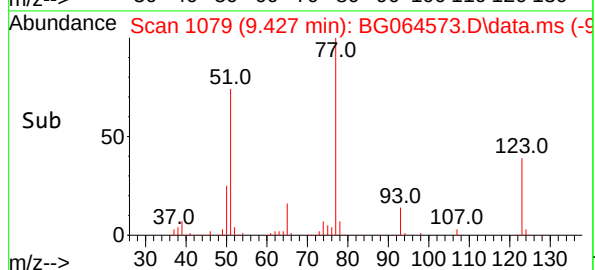
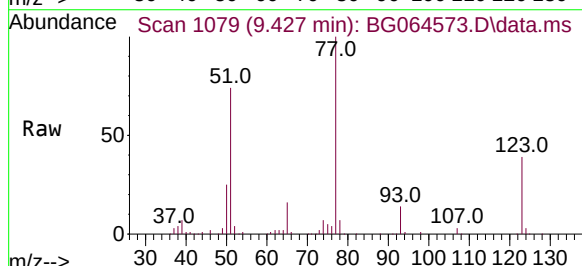
Tgt Ion: 77 Resp: 135107

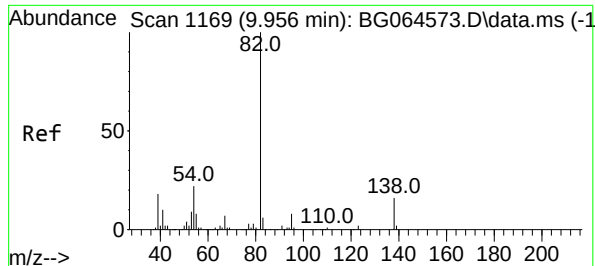
Ion Ratio Lower Upper

77 100

123 38.8 31.0 46.6

65 15.9 12.7 19.1





#25

Isophorone

Concen: 43.507 ng

RT: 9.956 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 286439

Ion Ratio Lower Upper

82 100

95 7.6 6.1 9.1

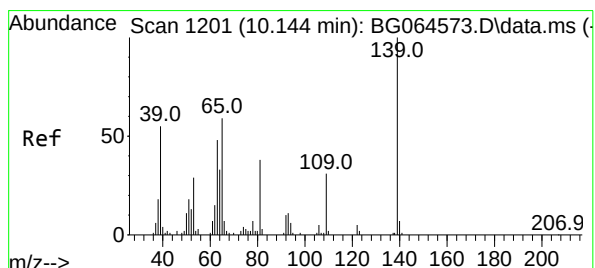
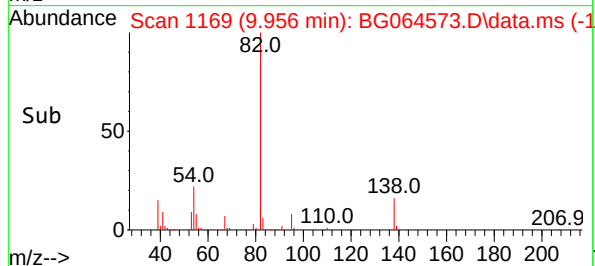
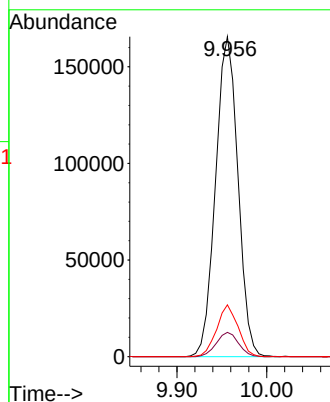
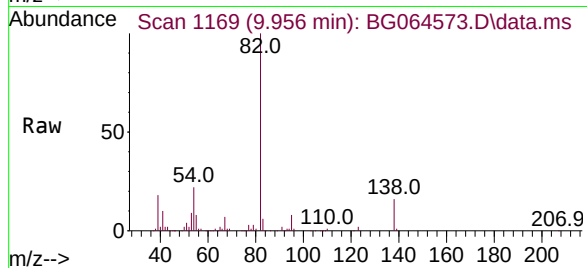
138 16.2 13.0 19.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#26

2-Nitrophenol

Concen: 39.772 ng

RT: 10.144 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

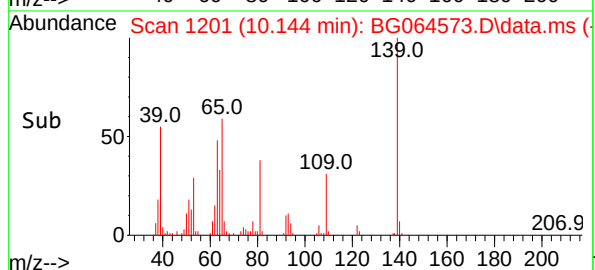
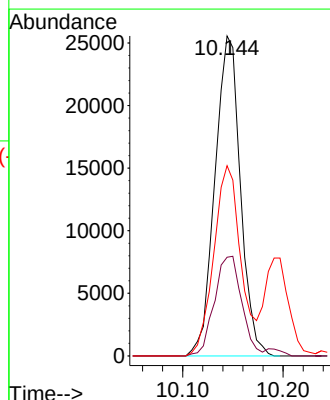
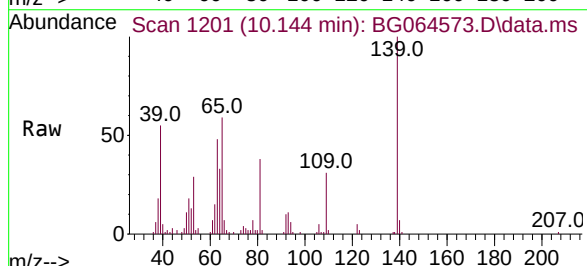
Tgt Ion:139 Resp: 45134

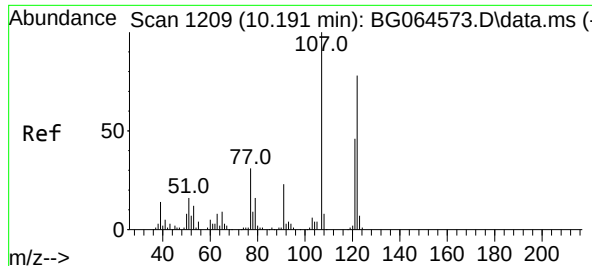
Ion Ratio Lower Upper

139 100

109 30.8 24.6 37.0

65 59.4 47.5 71.3





#27

2,4-Dimethylphenol

Concen: 45.129 ng

RT: 10.191 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:122 Resp: 110518

Ion Ratio Lower Upper

122 100

107 128.7 103.0 154.4

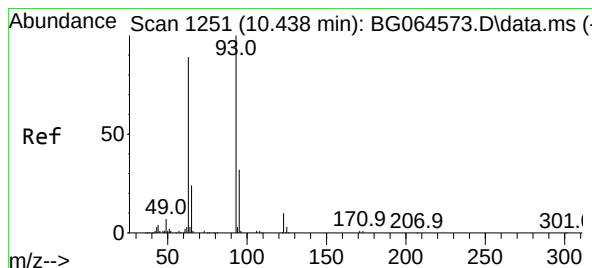
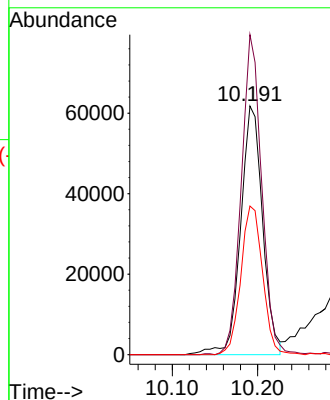
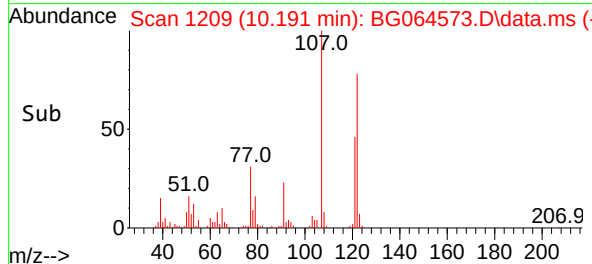
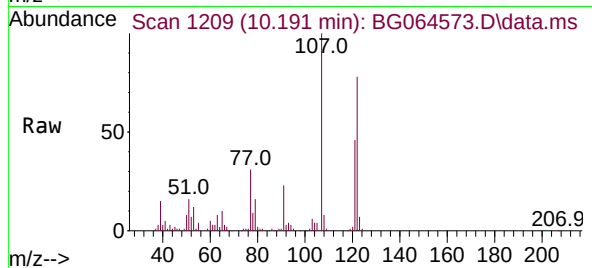
121 59.8 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#28

bis(2-Chloroethoxy)methane

Concen: 43.070 ng

RT: 10.438 min Scan# 1251

Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

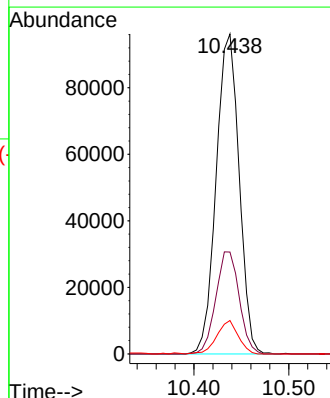
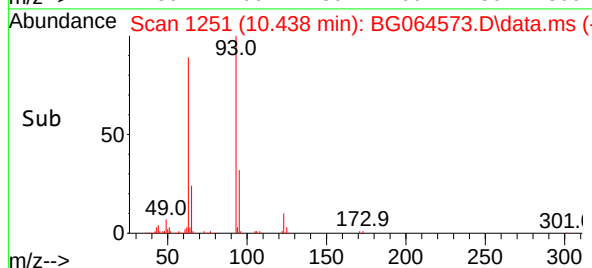
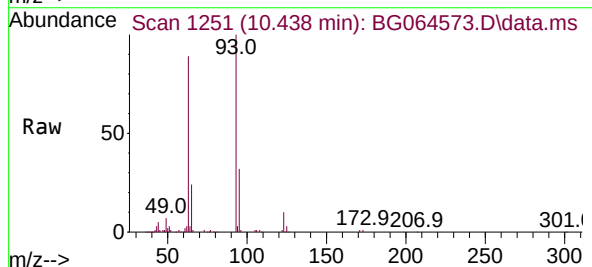
Tgt Ion: 93 Resp: 161449

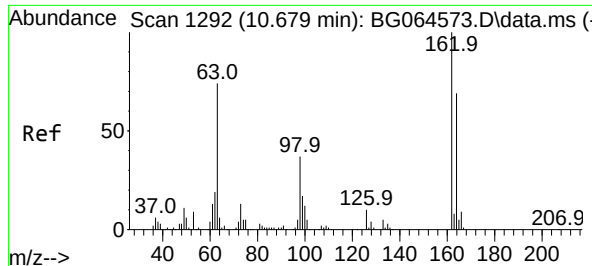
Ion Ratio Lower Upper

93 100

95 31.8 25.4 38.2

123 10.5 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 45.026 ng

RT: 10.679 min Scan# 1292

Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:162 Resp: 118669

Ion Ratio Lower Upper

162 100

164 68.7 48.7 88.7

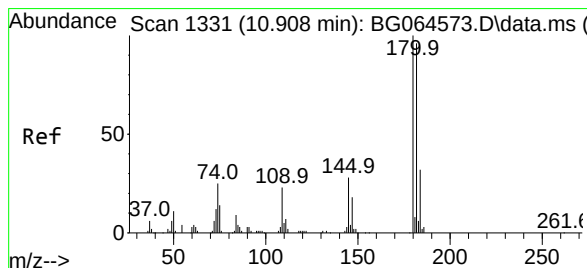
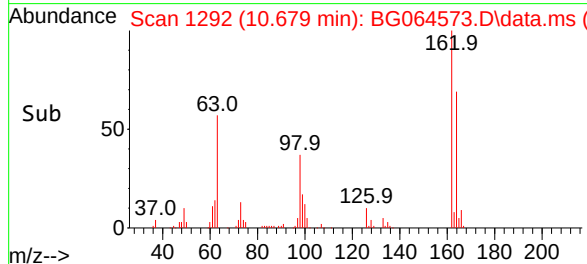
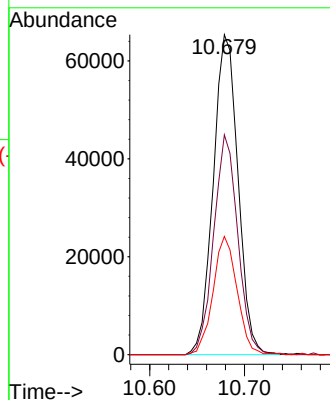
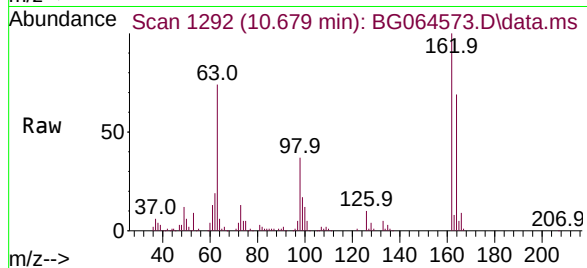
98 36.9 16.9 56.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#30

1,2,4-Trichlorobenzene

Concen: 43.046 ng

RT: 10.908 min Scan# 1331

Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

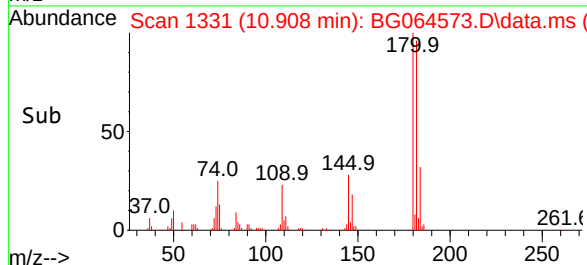
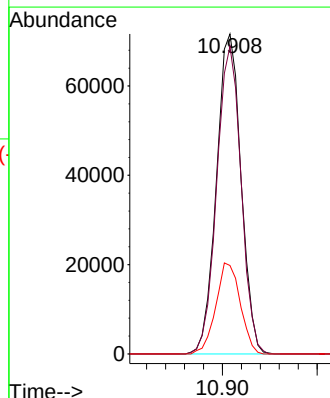
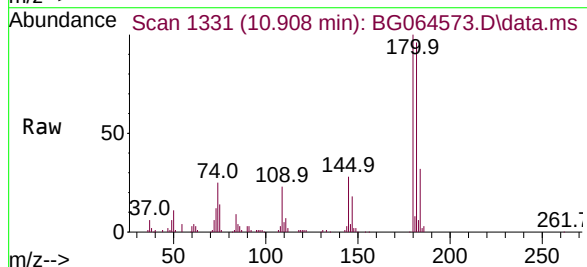
Tgt Ion:180 Resp: 128902

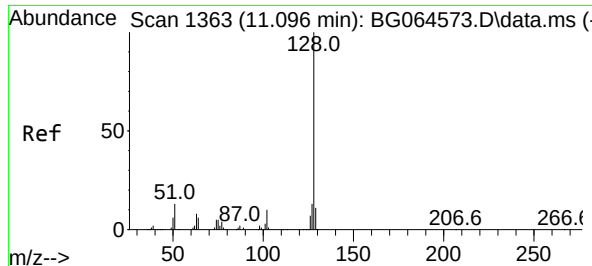
Ion Ratio Lower Upper

180 100

182 96.1 76.9 115.3

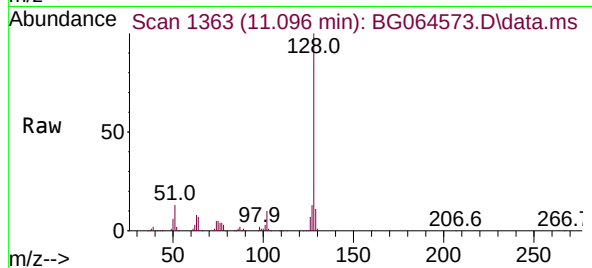
145 27.6 22.1 33.1





#31
Naphthalene
Concen: 42.469 ng
RT: 11.096 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

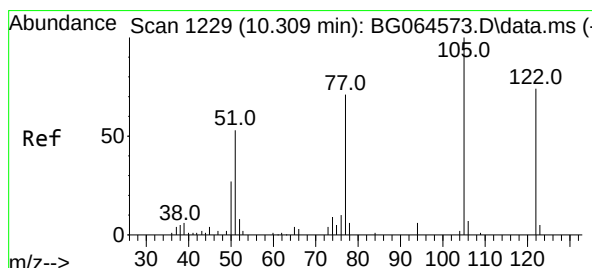
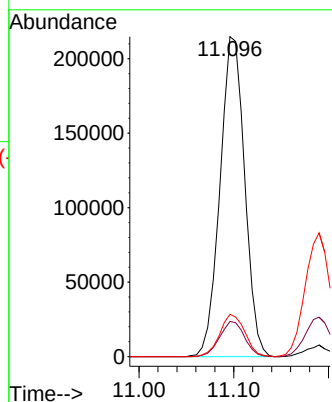
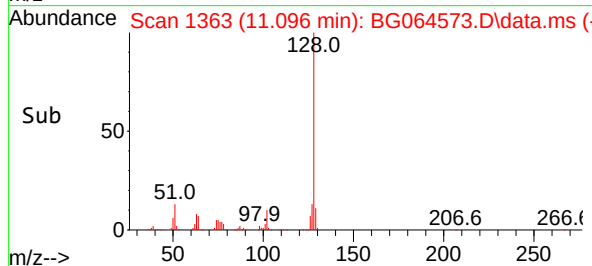
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:128 Resp: 388032
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.2 10.6 15.8

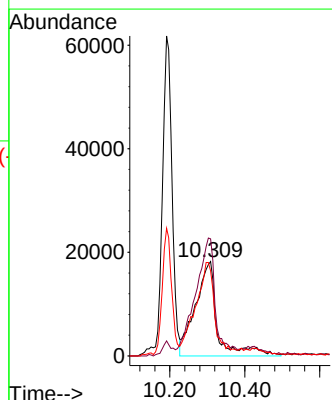
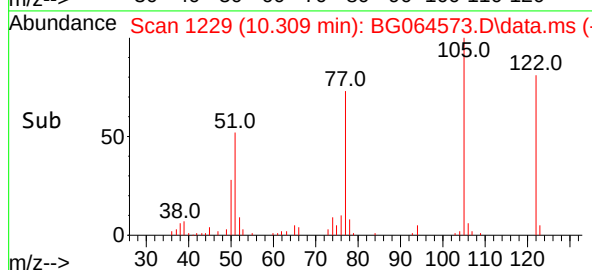
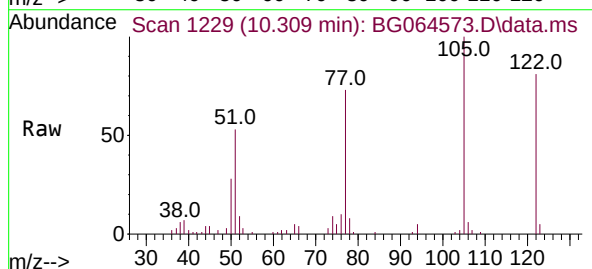
Manual Integrations
APPROVED

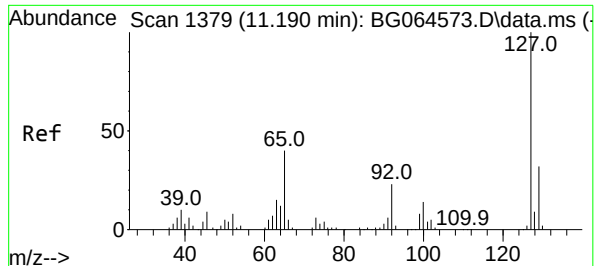
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#32
Benzoic acid
Concen: 40.425 ng m
RT: 10.309 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

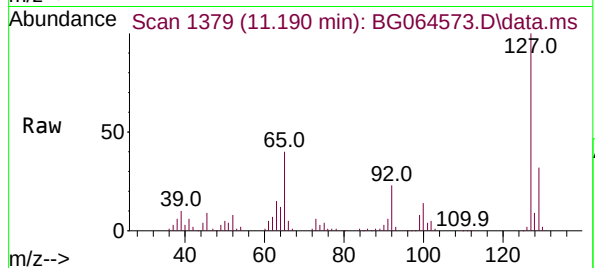
Tgt Ion:122 Resp: 73604
Ion Ratio Lower Upper
122 100
105 124.2 104.2 144.2
77 90.2 70.2 110.2





#33
4-Chloroaniline
Concen: 42.585 ng
RT: 11.190 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

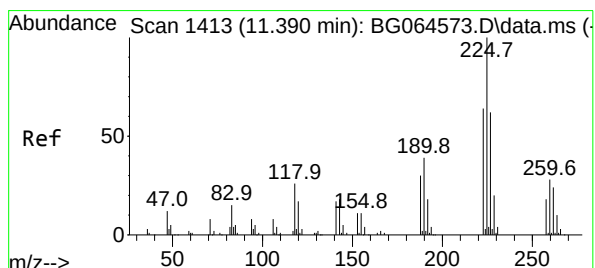
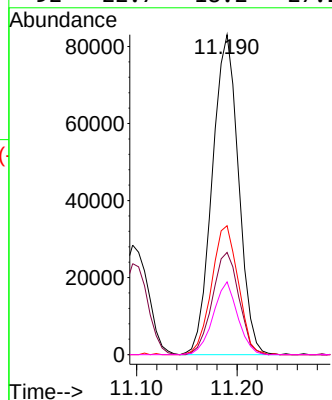
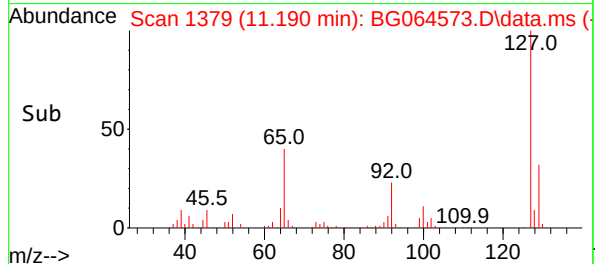
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:127 Resp: 151231
Ion Ratio Lower Upper
127 100
129 31.9 25.5 38.3
65 40.3 32.2 48.4
92 22.7 18.2 27.2

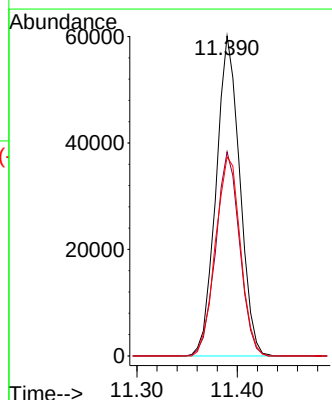
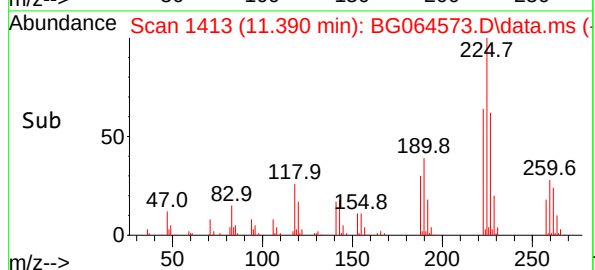
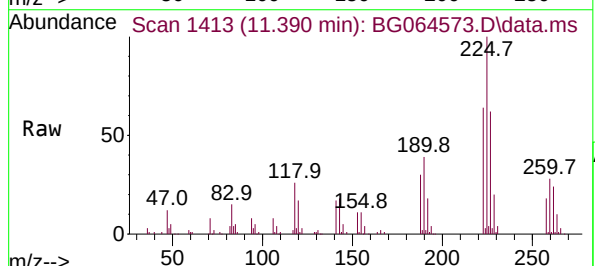
Manual Integrations
APPROVED

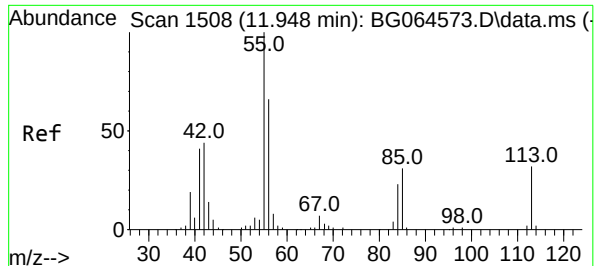
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#34
Hexachlorobutadiene
Concen: 42.139 ng
RT: 11.390 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:225 Resp: 98683
Ion Ratio Lower Upper
225 100
223 61.0 48.8 73.2
227 61.9 49.5 74.3





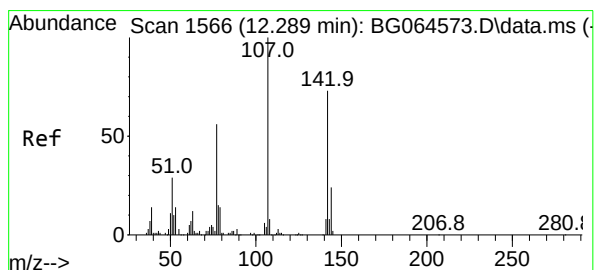
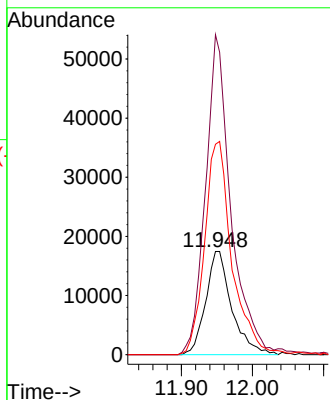
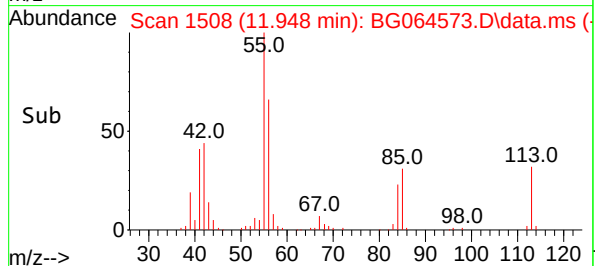
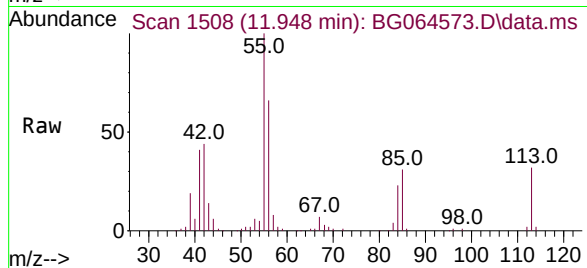
#35
Caprolactam
Concen: 43.731 ng
RT: 11.948 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:113 Resp: 44205
Ion Ratio Lower Upper
113 100
55 310.1 290.1 330.1
56 203.8 183.8 223.8

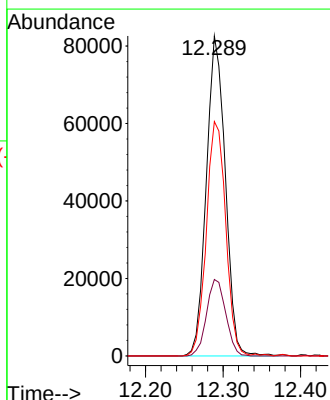
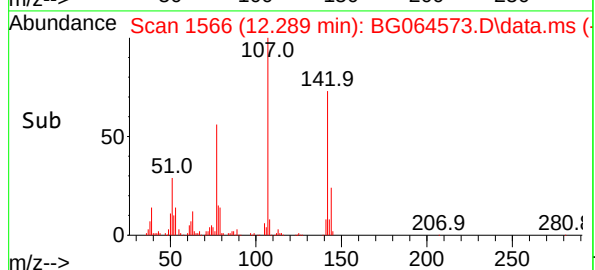
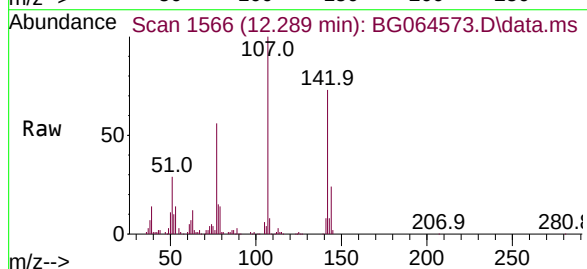
Manual Integrations
APPROVED

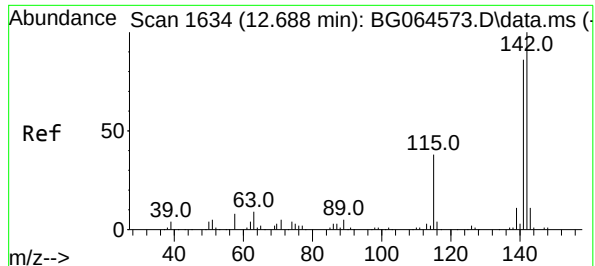
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#36
4-Chloro-3-methylphenol
Concen: 44.278 ng
RT: 12.289 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

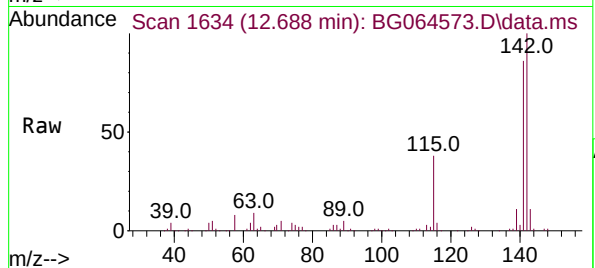
Tgt Ion:107 Resp: 140272
Ion Ratio Lower Upper
107 100
144 23.9 19.1 28.7
142 73.2 58.6 87.8





#37
2-Methylnaphthalene
Concen: 42.499 ng
RT: 12.688 min Scan# 1634
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

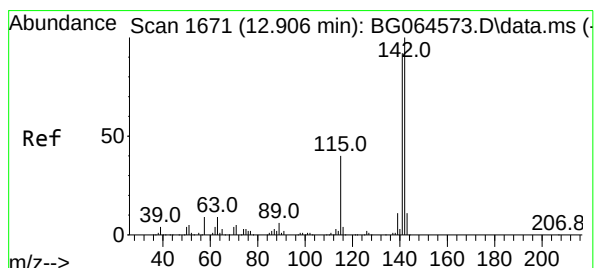
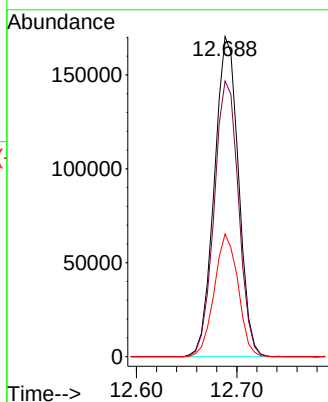
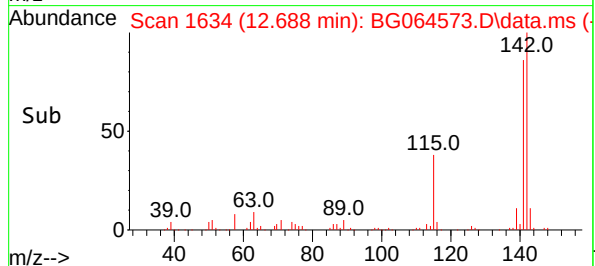
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



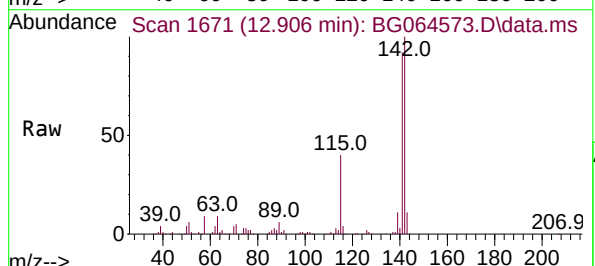
Tgt Ion:142 Resp: 285089
Ion Ratio Lower Upper
142 100
141 86.1 68.9 103.3
115 38.3 30.6 46.0

Manual Integrations
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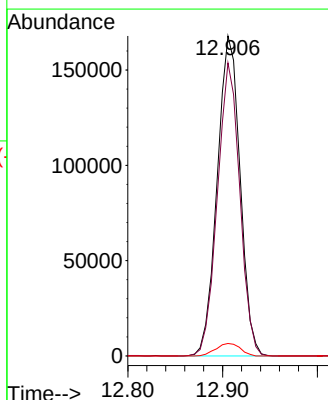
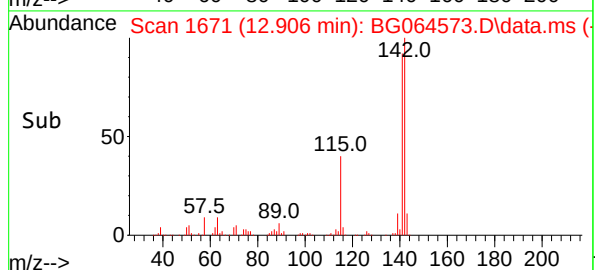
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

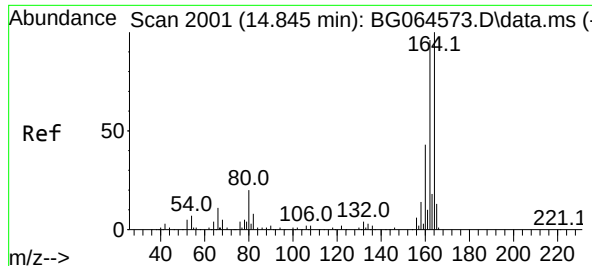


#38
1-Methylnaphthalene
Concen: 42.362 ng
RT: 12.906 min Scan# 1671
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03



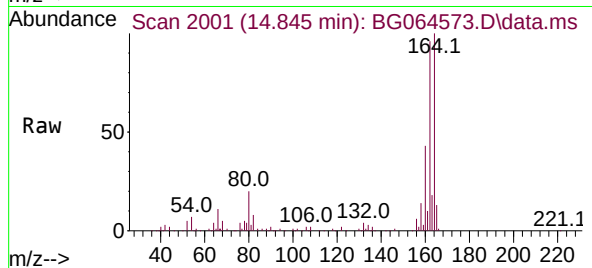
Tgt Ion:142 Resp: 281256
Ion Ratio Lower Upper
142 100
141 91.6 73.3 109.9
116 3.9 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.845 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

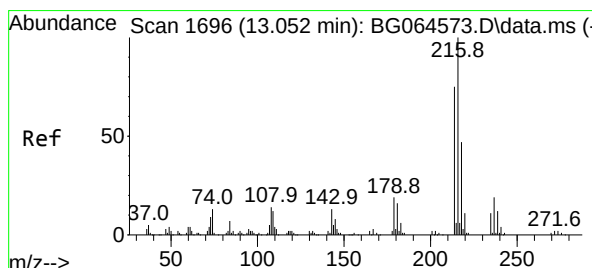
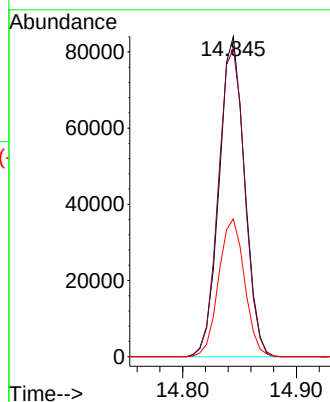
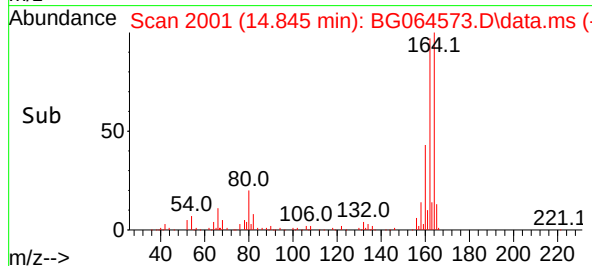
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:164 Resp: 130542
Ion Ratio Lower Upper
164 100
162 96.3 77.0 115.6
160 43.0 34.4 51.6

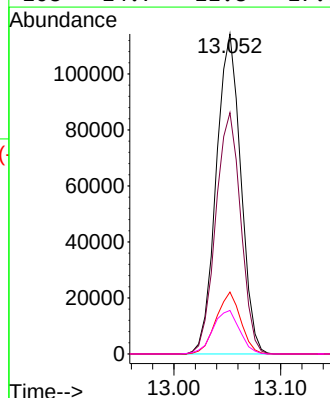
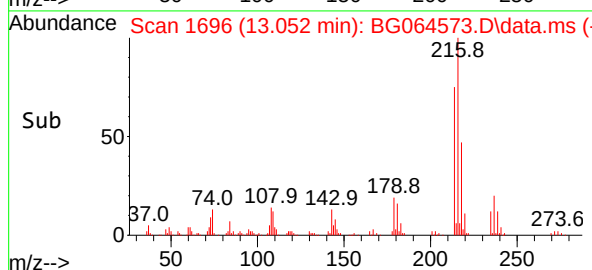
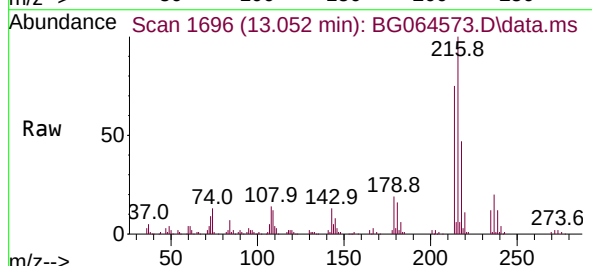
Manual Integrations
APPROVED

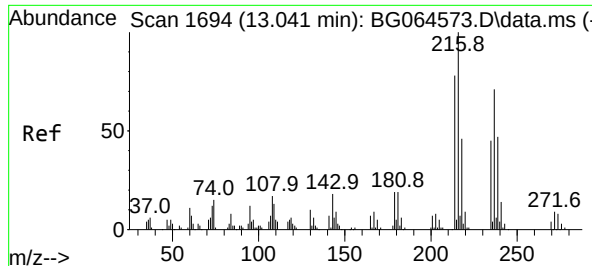
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.856 ng
RT: 13.052 min Scan# 1696
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

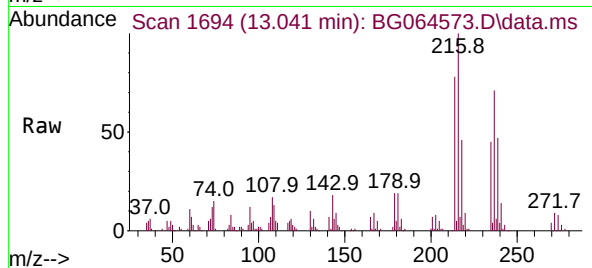
Tgt Ion:216 Resp: 183376
Ion Ratio Lower Upper
216 100
214 76.8 61.4 92.2
179 19.2 15.4 23.0
108 14.7 11.8 17.6





#41
Hexachlorocyclopentadiene
Concen: 42.853 ng
RT: 13.041 min Scan# 1694
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

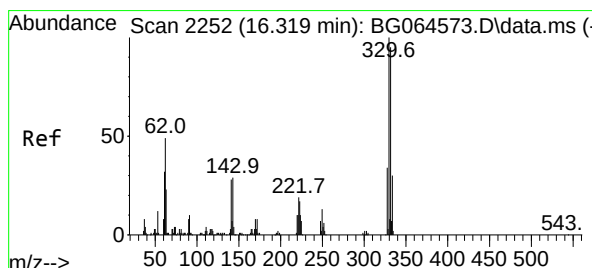
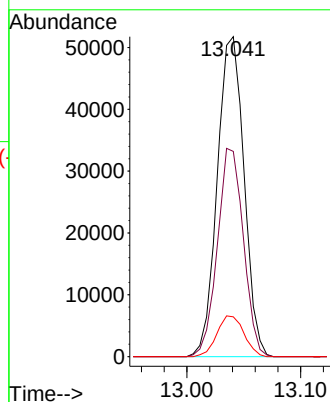
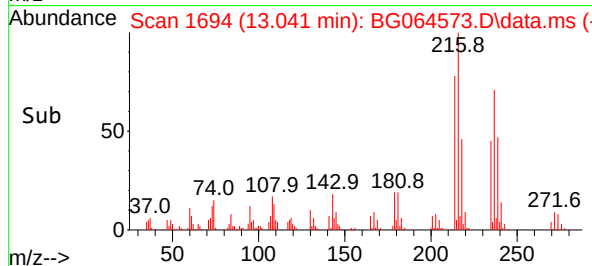
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



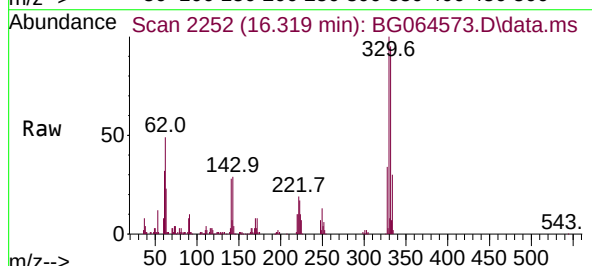
Tgt Ion:237 Resp: 84505
Ion Ratio Lower Upper
237 100
235 64.1 44.1 84.1
272 12.4 0.0 32.4

Manual Integrations
APPROVED

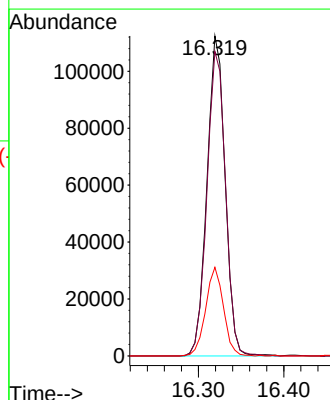
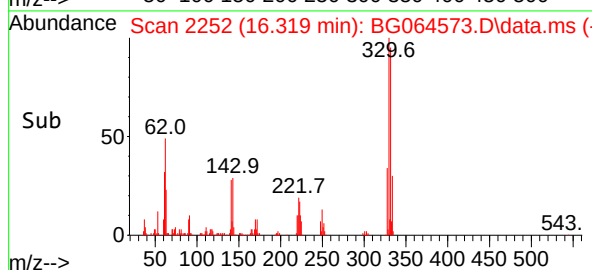
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

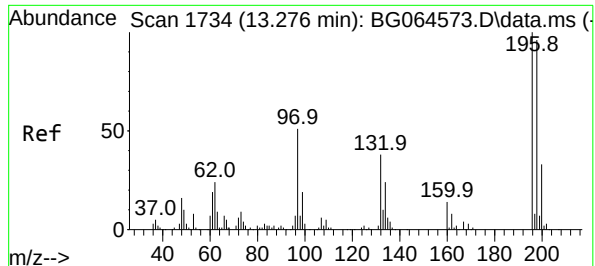


#42
2,4,6-Tribromophenol
Concen: 88.092 ng
RT: 16.319 min Scan# 2252
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03



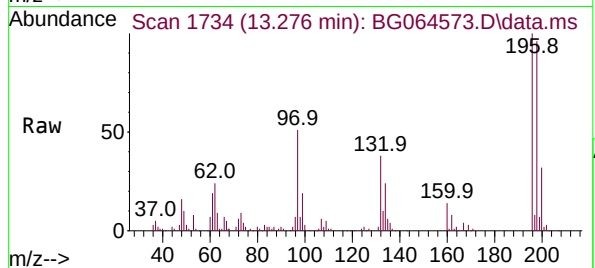
Tgt Ion:330 Resp: 165976
Ion Ratio Lower Upper
330 100
332 97.5 78.0 117.0
141 27.2 21.8 32.6





#43
2,4,6-Trichlorophenol
Concen: 44.097 ng
RT: 13.276 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

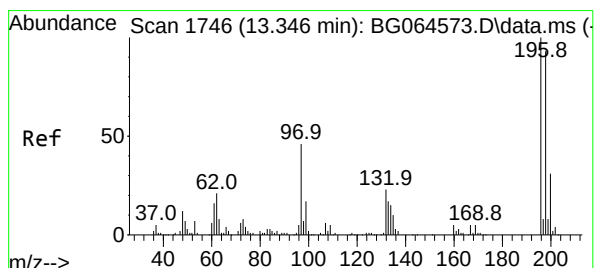
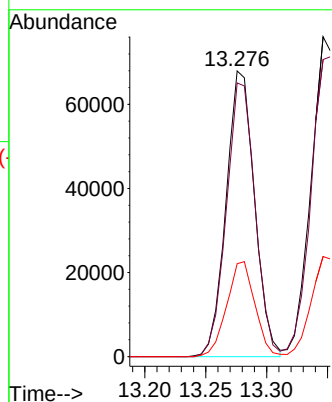
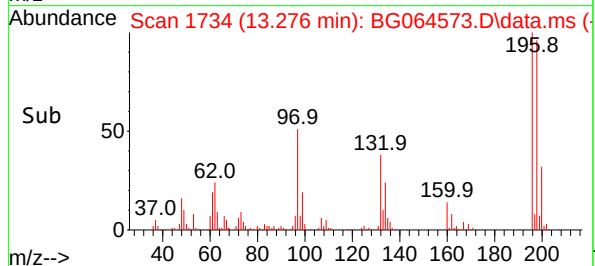
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:196 Resp: 110509
Ion Ratio Lower Upper
196 100
198 95.8 76.6 115.0
200 32.5 26.0 39.0

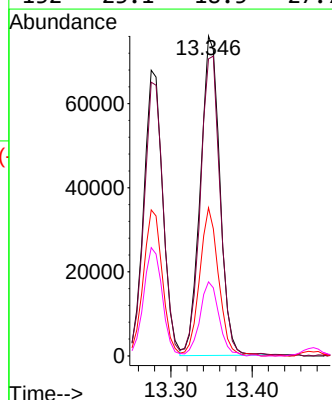
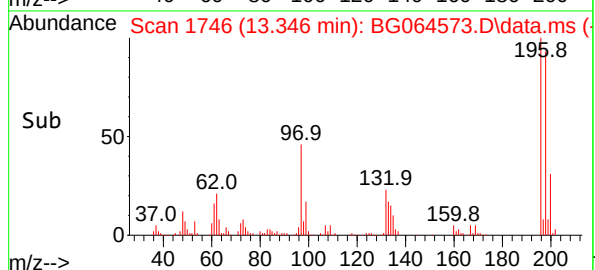
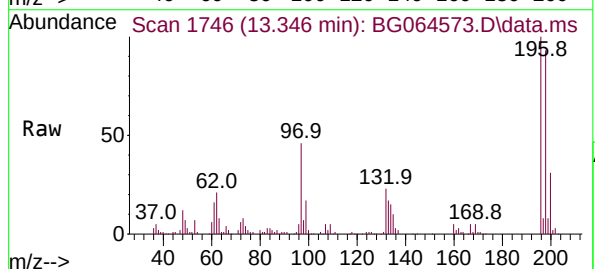
Manual Integrations
APPROVED

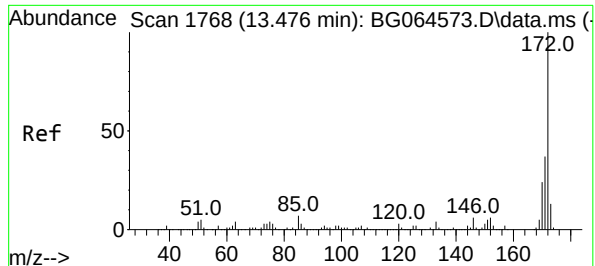
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#44
2,4,5-Trichlorophenol
Concen: 43.694 ng
RT: 13.346 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:196 Resp: 126360
Ion Ratio Lower Upper
196 100
198 92.8 74.2 111.4
97 46.3 37.0 55.6
132 23.1 18.5 27.7





#45

2-Fluorobiphenyl

Concen: 83.888 ng

RT: 13.476 min Scan# 1768

Delta R.T. 0.000 min

Lab File: BG064573.D

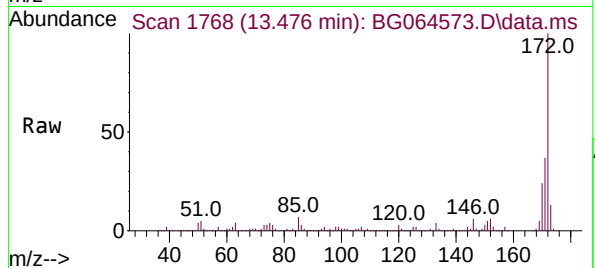
Acq: 24 Oct 2025 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

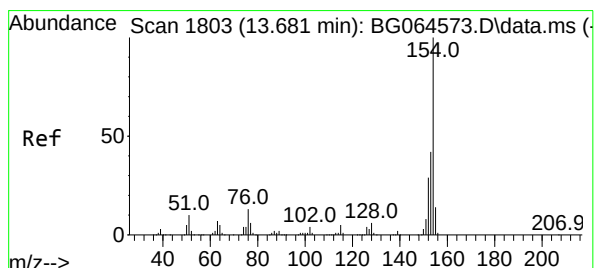
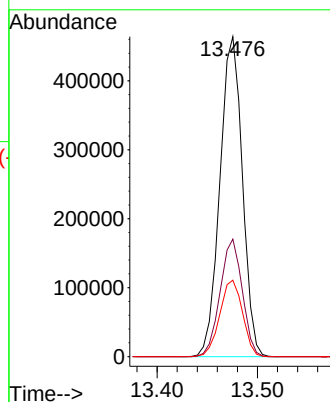
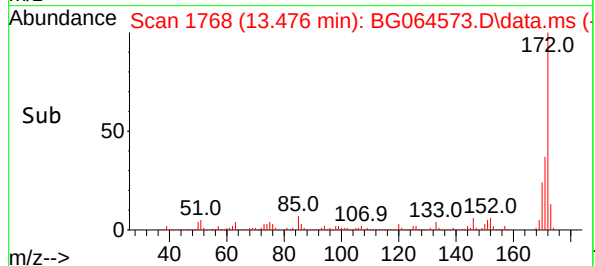


Tgt Ion:	172	Resp:	722472
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.4	44.0
170	23.9	19.1	28.7

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#46

1,1'-Biphenyl

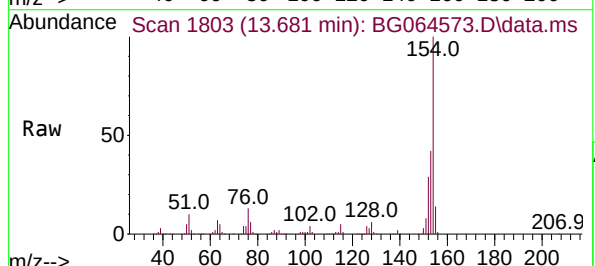
Concen: 41.885 ng

RT: 13.681 min Scan# 1803

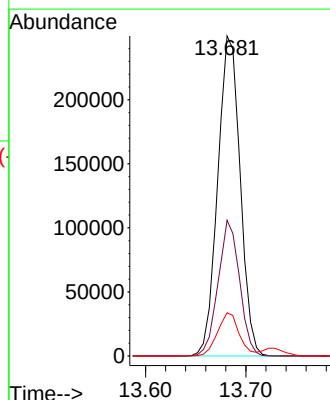
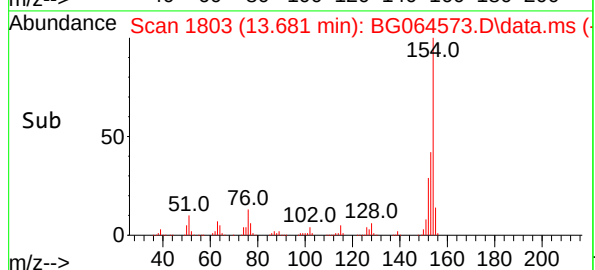
Delta R.T. 0.000 min

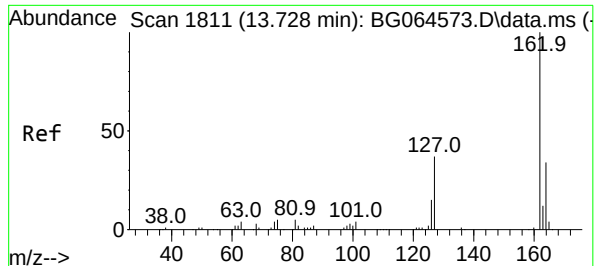
Lab File: BG064573.D

Acq: 24 Oct 2025 13:03



Tgt Ion:	154	Resp:	388718
Ion Ratio	Lower	Upper	
154	100		
153	42.4	22.4	62.4
76	13.5	0.0	33.5





#47

2-Chloronaphthalene

Concen: 42.182 ng

RT: 13.728 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BG064573.D

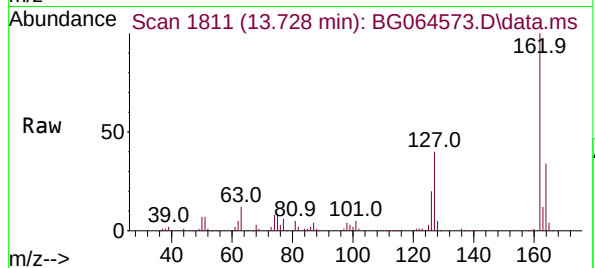
Acq: 24 Oct 2025 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040



Tgt Ion:162 Resp: 295501

Ion Ratio Lower Upper

162 100

127 40.2 32.2 48.2

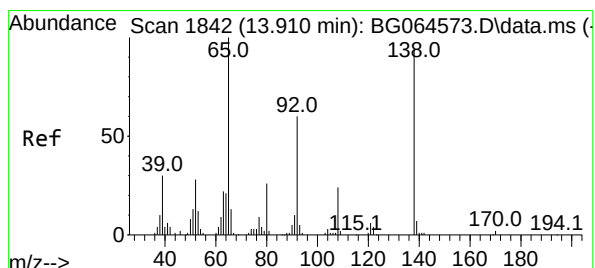
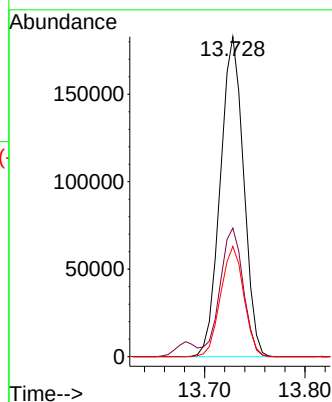
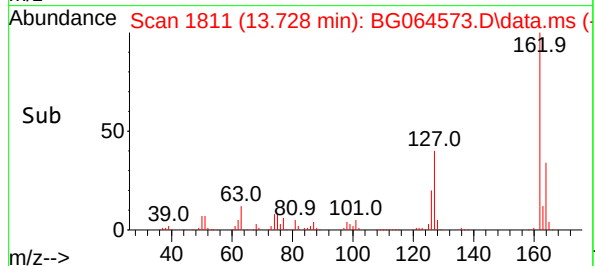
164 34.4 27.5 41.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#48

2-Nitroaniline

Concen: 39.303 ng

RT: 13.910 min Scan# 1842

Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

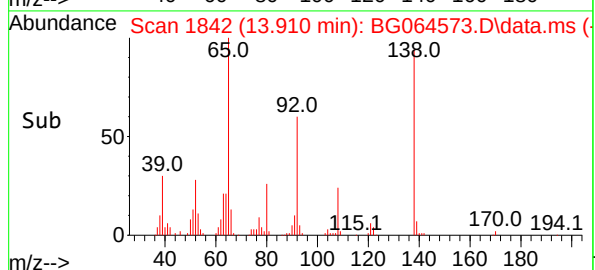
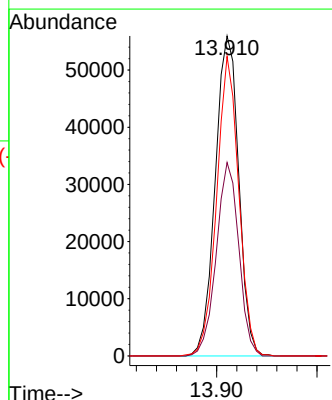
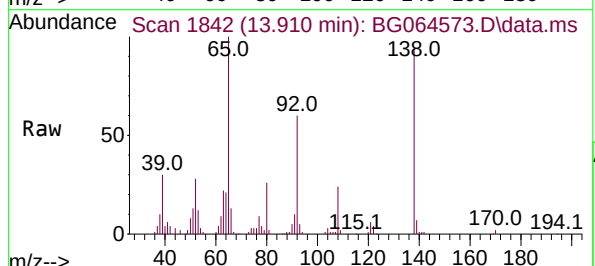
Tgt Ion: 65 Resp: 90958

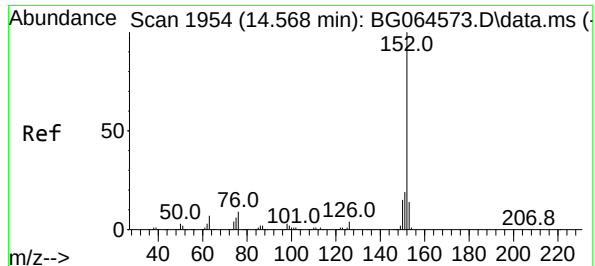
Ion Ratio Lower Upper

65 100

92 60.4 48.3 72.5

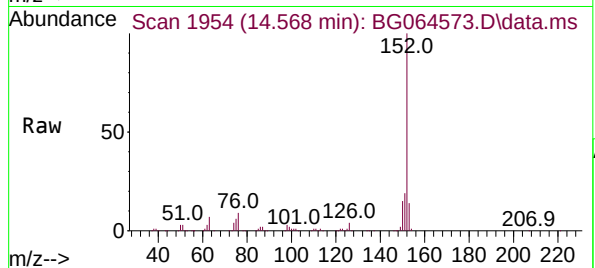
138 93.6 74.9 112.3





#49
Acenaphthylene
Concen: 42.209 ng
RT: 14.568 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

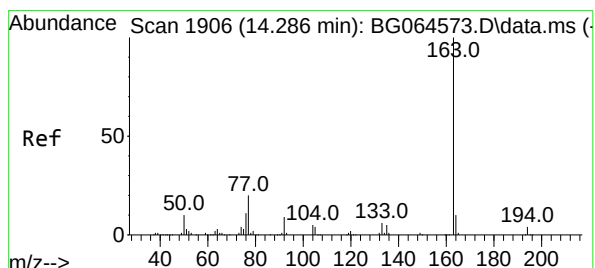
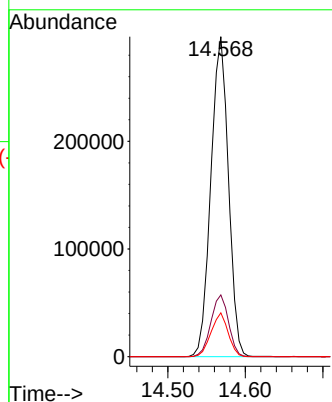
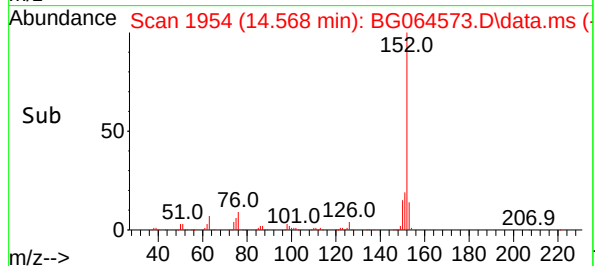
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



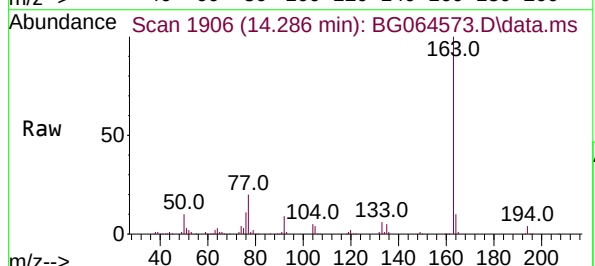
Tgt Ion:152 Resp: 466393
Ion Ratio Lower Upper
152 100
151 19.3 15.4 23.2
153 13.7 11.0 16.4

Manual Integrations
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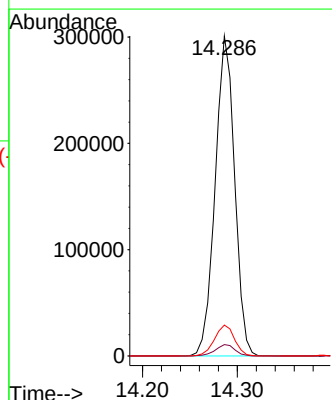
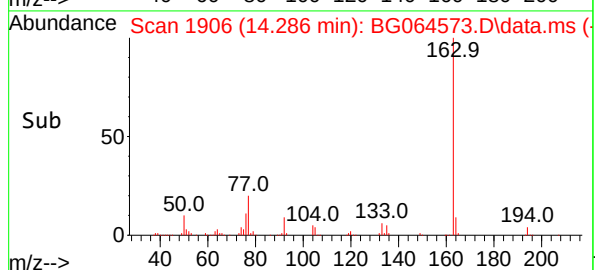
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

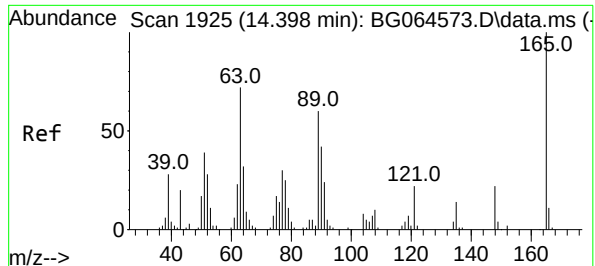


#50
Dimethylphthalate
Concen: 42.894 ng
RT: 14.286 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03



Tgt Ion:163 Resp: 428475
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 9.6 7.7 11.5





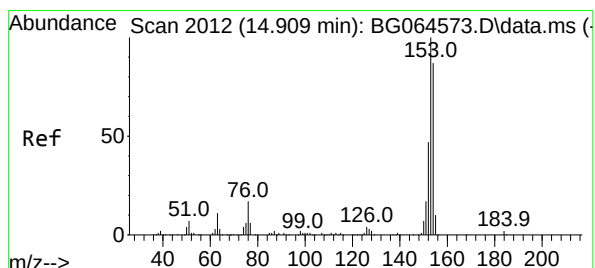
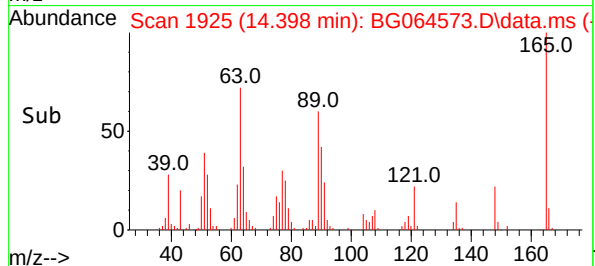
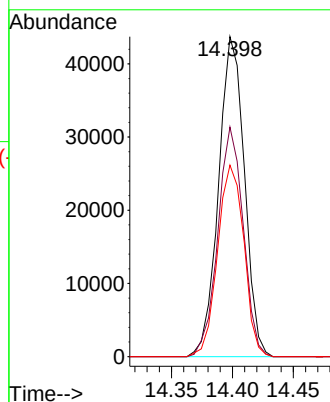
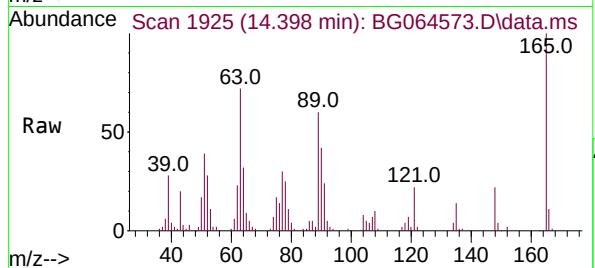
#51
2,6-Dinitrotoluene
Concen: 39.696 ng
RT: 14.398 min Scan# 1925
Delta R.T. -0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 64452
Ion Ratio Lower Upper
165 100
63 71.7 57.4 86.0
89 59.8 47.8 71.8

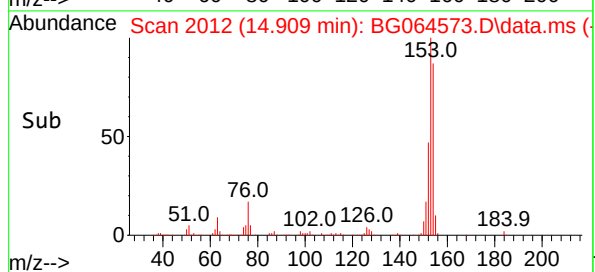
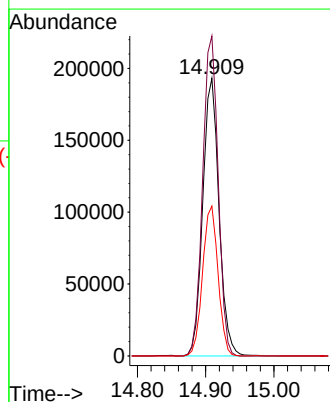
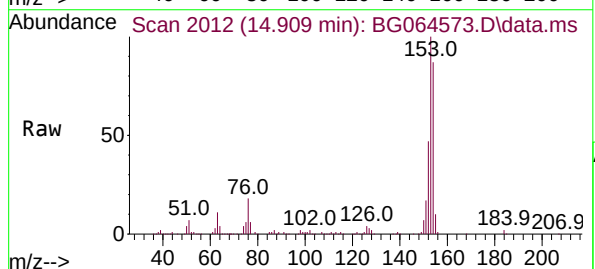
Manual Integrations
APPROVED

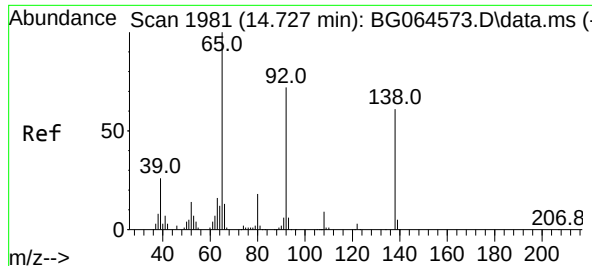
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#52
Acenaphthene
Concen: 42.289 ng
RT: 14.909 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:154 Resp: 319250
Ion Ratio Lower Upper
154 100
153 115.3 92.2 138.4
152 54.0 43.2 64.8





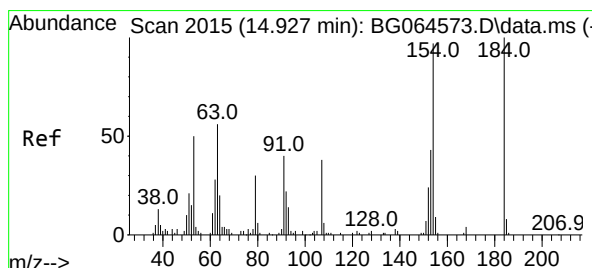
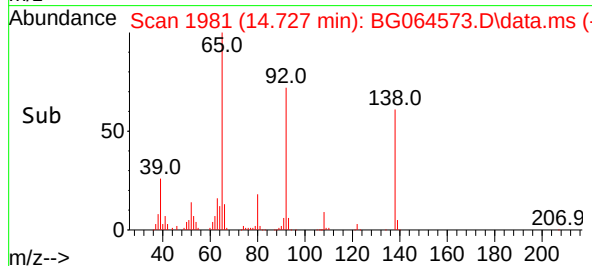
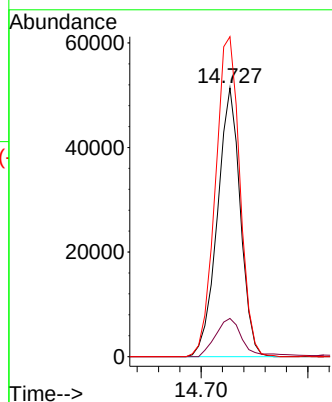
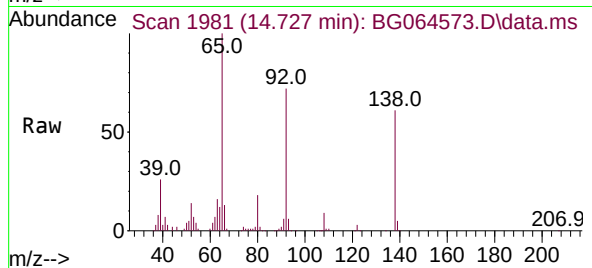
#53
3-Nitroaniline
Concen: 44.762 ng
RT: 14.727 min Scan# 1981
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:138 Resp: 7684
Ion Ratio Lower Upper
138 100
108 14.2 11.4 17.0
92 119.1 95.3 142.9

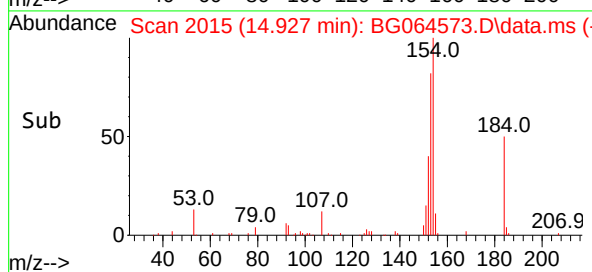
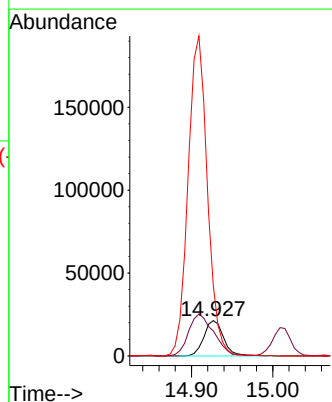
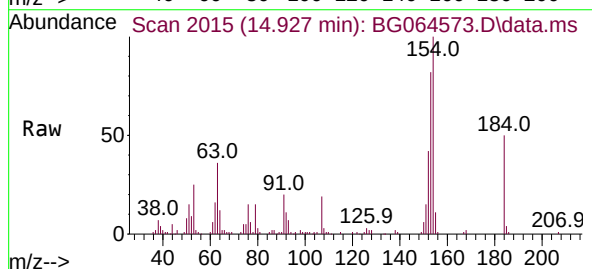
Manual Integrations
APPROVED

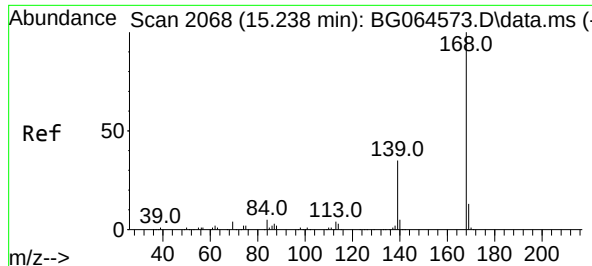
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#54
2,4-Dinitrophenol
Concen: 38.390 ng
RT: 14.927 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

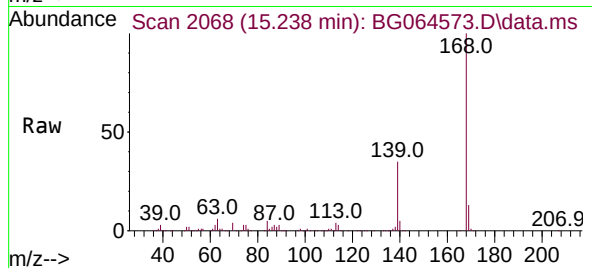
Tgt Ion:184 Resp: 35677
Ion Ratio Lower Upper
184 100
63 70.8 56.6 85.0
154 198.3 158.6 238.0





#55
Dibenzenofuran
Concen: 41.995 ng
RT: 15.238 min Scan# 2068
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

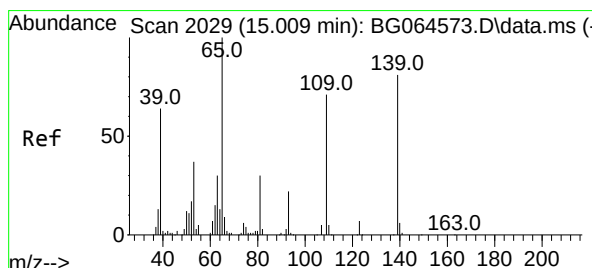
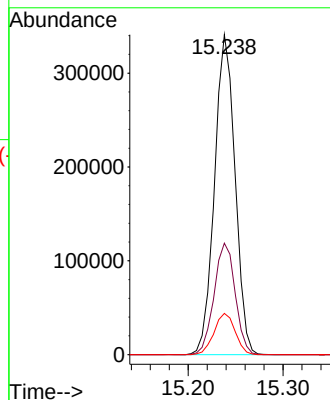
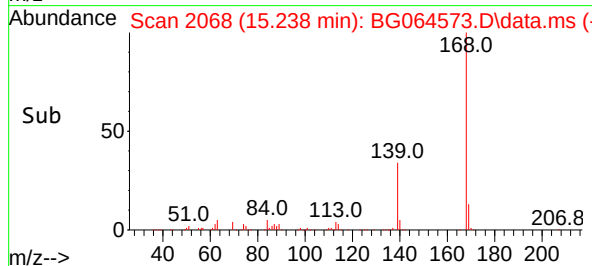
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:168 Resp: 51254
Ion Ratio Lower Upper
168 100
139 34.8 27.8 41.8
169 12.9 10.3 15.5

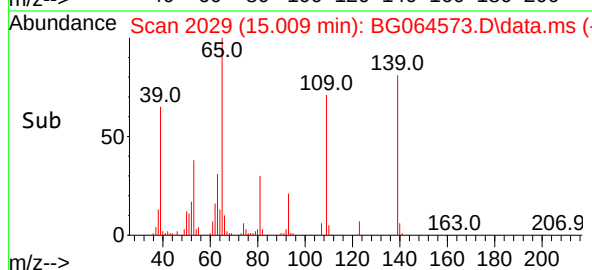
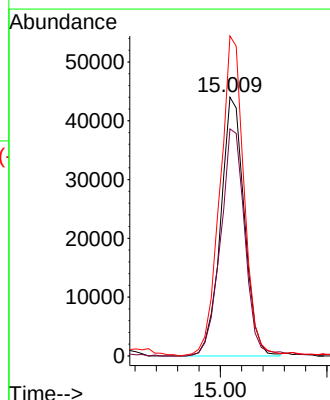
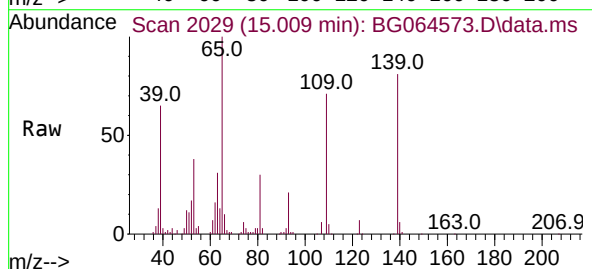
Manual Integrations
APPROVED

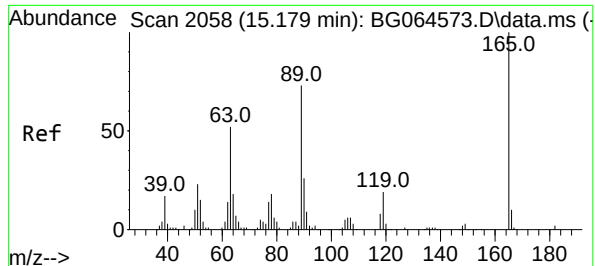
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#56
4-Nitrophenol
Concen: 42.765 ng
RT: 15.009 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

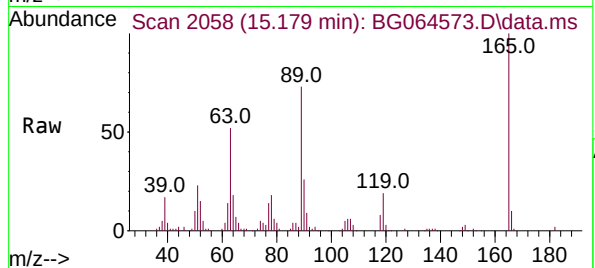
Tgt Ion:139 Resp: 68064
Ion Ratio Lower Upper
139 100
109 87.8 67.8 107.8
65 123.7 103.7 143.7





#57
2,4-Dinitrotoluene
Concen: 39.962 ng
RT: 15.179 min Scan# 2058
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

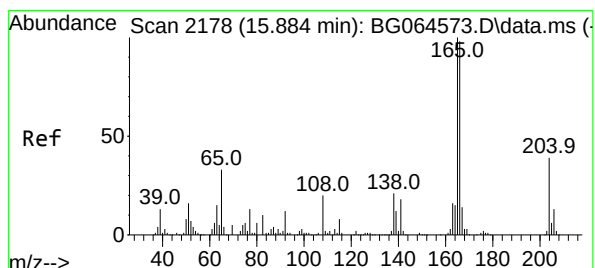
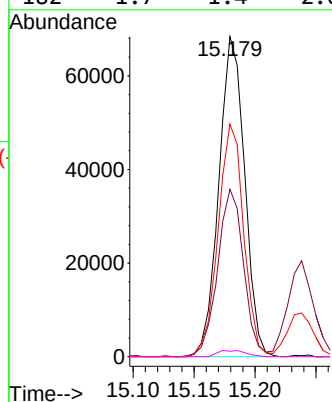
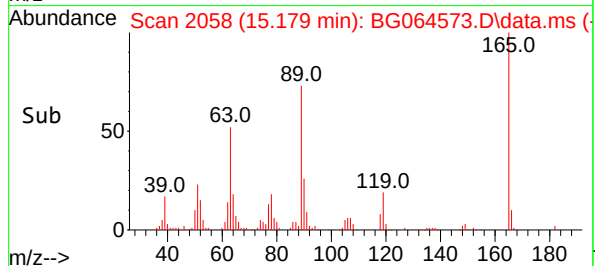
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:165 Resp: 100448
Ion Ratio Lower Upper
165 100
63 52.3 41.8 62.8
89 72.6 58.1 87.1
182 1.7 1.4 2.0

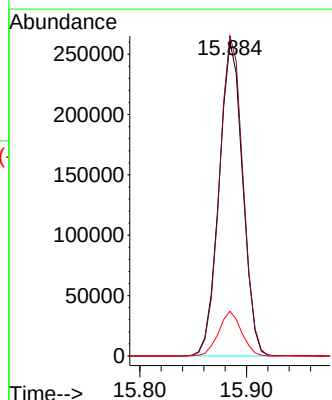
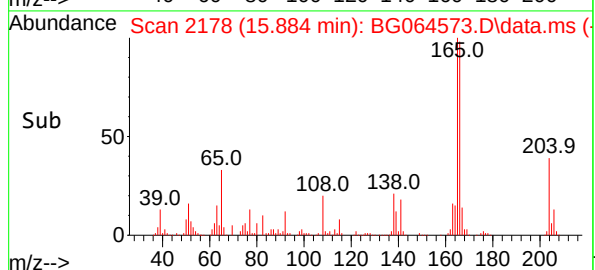
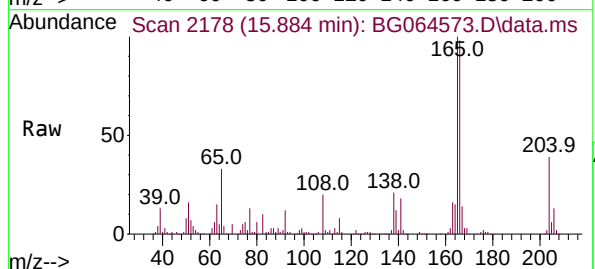
Manual Integrations
APPROVED

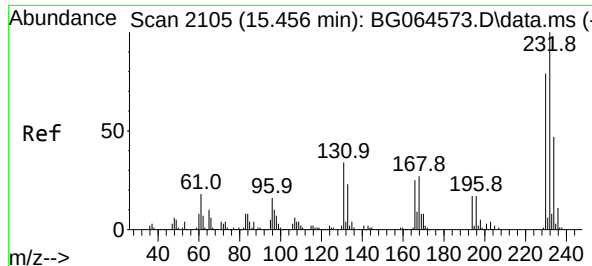
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#58
Fluorene
Concen: 41.939 ng
RT: 15.884 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

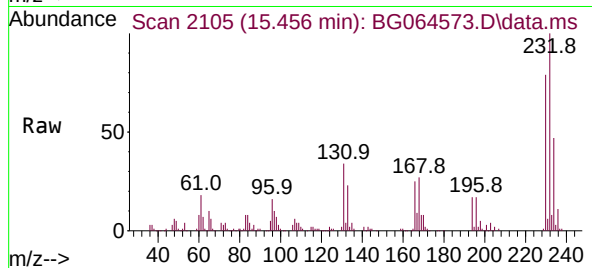
Tgt Ion:166 Resp: 399745
Ion Ratio Lower Upper
166 100
165 101.9 81.5 122.3
167 14.2 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.030 ng
RT: 15.456 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

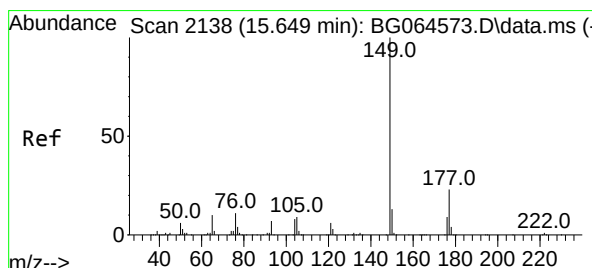
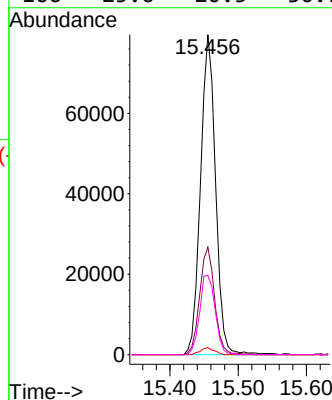
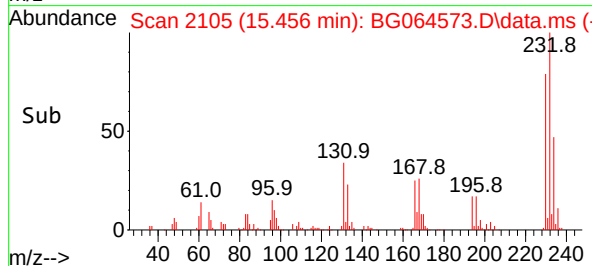
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:232 Resp: 121762
Ion Ratio Lower Upper
232 100
131 33.4 26.7 40.1
130 2.0 1.6 2.4
166 25.6 20.5 30.7

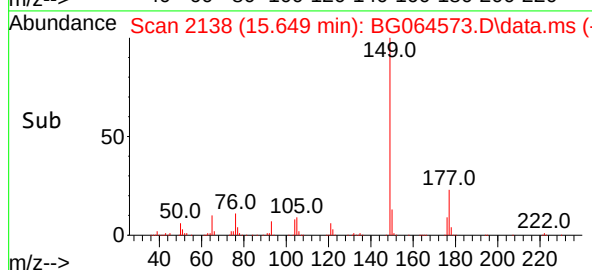
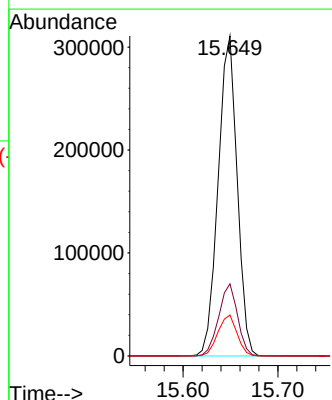
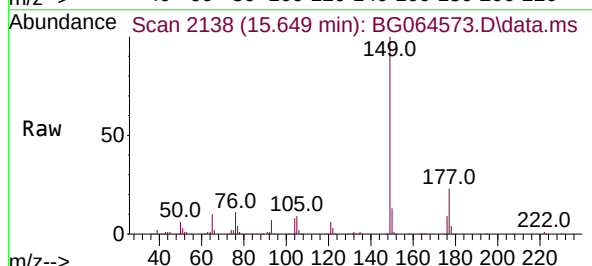
Manual Integrations
APPROVED

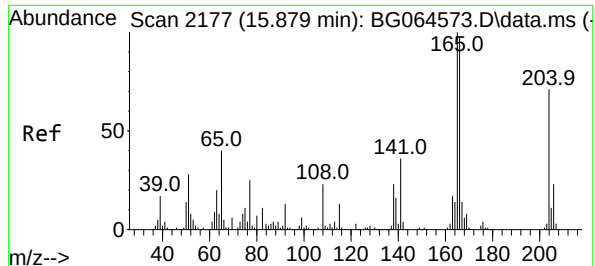
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#60
Diethylphthalate
Concen: 42.412 ng
RT: 15.649 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

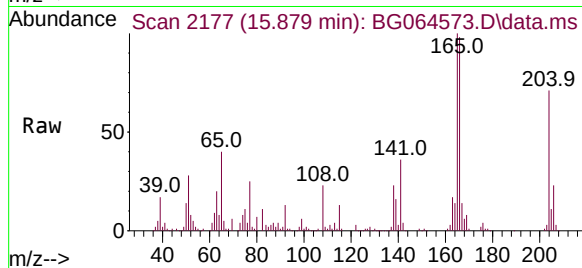
Tgt Ion:149 Resp: 432571
Ion Ratio Lower Upper
149 100
177 22.5 18.0 27.0
150 12.8 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 42.270 ng
RT: 15.879 min Scan# 2177
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

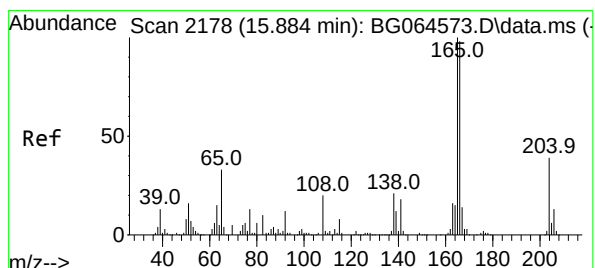
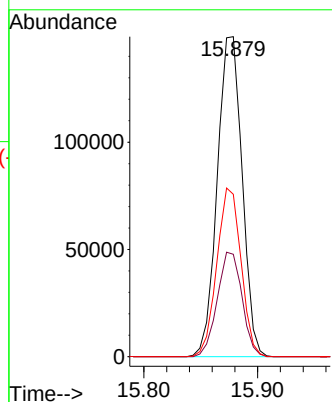
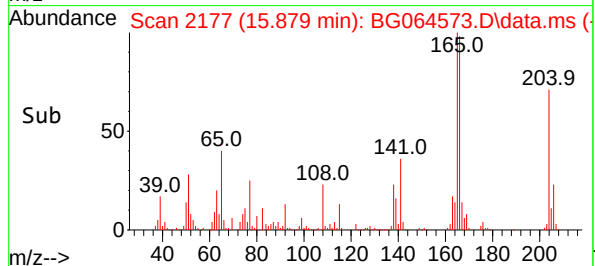
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:204 Resp: 226104
Ion Ratio Lower Upper
204 100
206 32.0 25.6 38.4
141 50.7 40.6 60.8

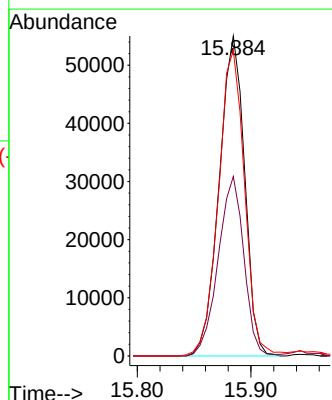
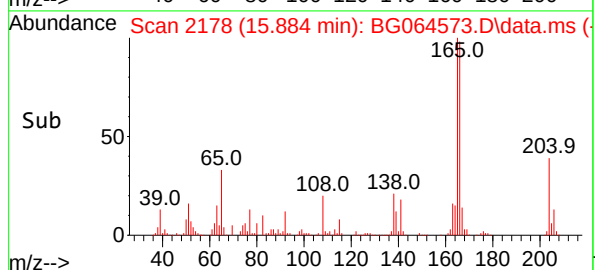
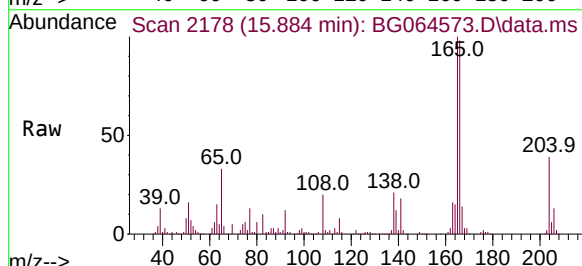
Manual Integrations
APPROVED

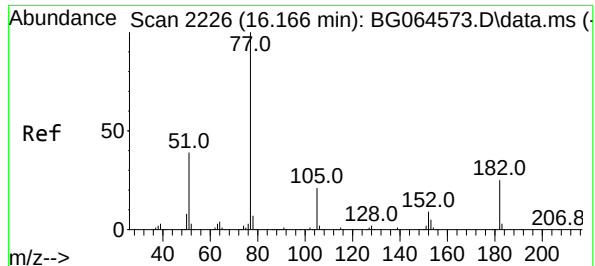
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#62
4-Nitroaniline
Concen: 44.662 ng
RT: 15.884 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

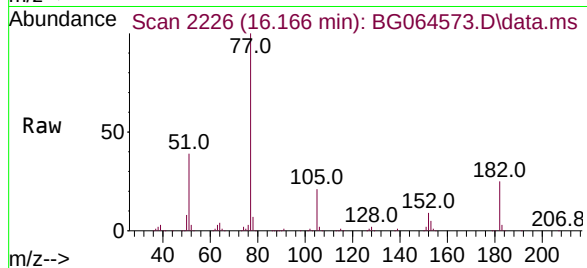
Tgt Ion:138 Resp: 85297
Ion Ratio Lower Upper
138 100
92 56.1 36.1 76.1
108 95.6 75.6 115.6





#63
Azobenzene
Concen: 42.922 ng
RT: 16.166 min Scan# 2226
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

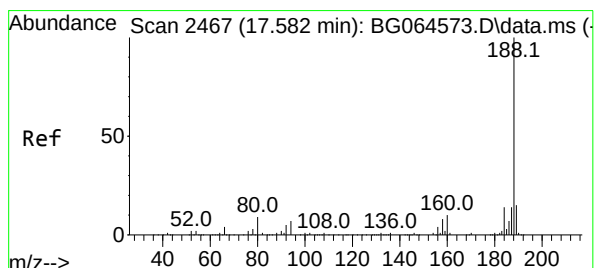
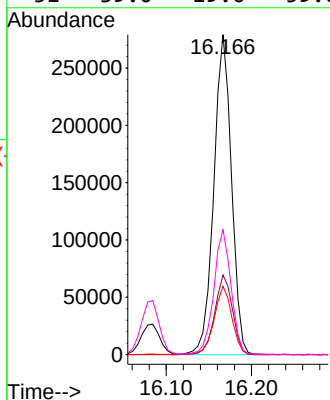
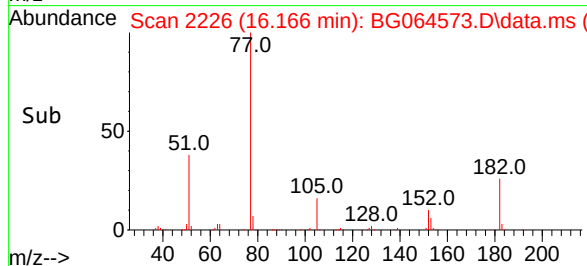
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion: 77 Resp: 401676
Ion Ratio Lower Upper
77 100
182 24.9 4.9 44.9
105 21.3 1.3 41.3
51 39.0 19.0 59.0

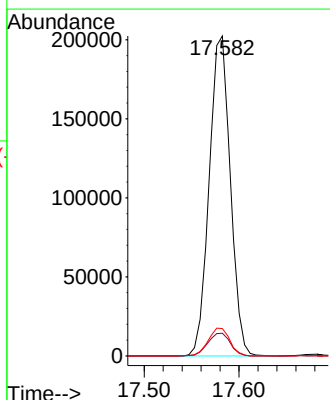
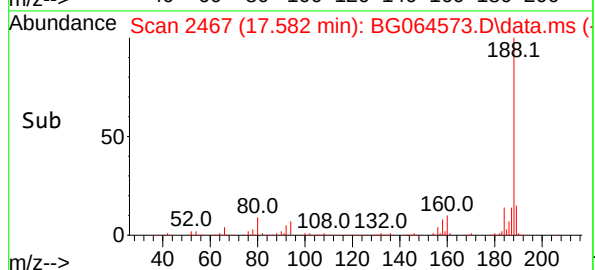
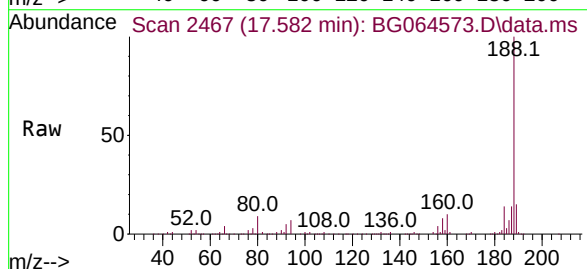
Manual Integrations
APPROVED

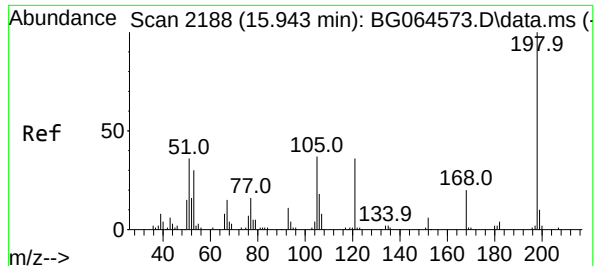
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.582 min Scan# 2467
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:188 Resp: 313311
Ion Ratio Lower Upper
188 100
94 7.1 5.7 8.5
80 8.5 6.8 10.2





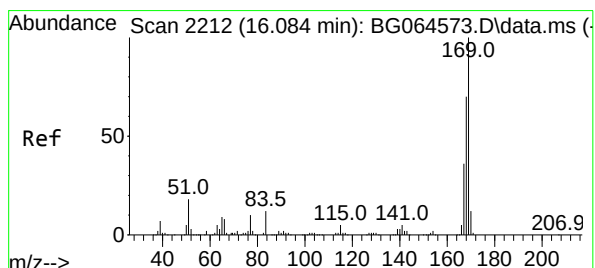
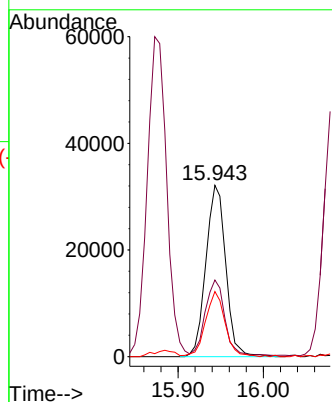
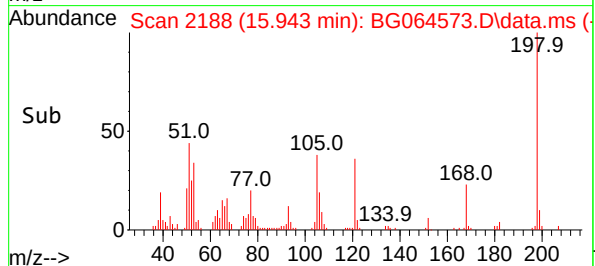
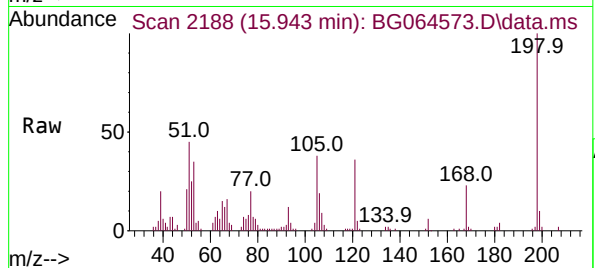
#65
4,6-Dinitro-2-methylphenol
Concen: 38.770 ng
RT: 15.943 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 51829
Ion Ratio Lower Upper
198 100
51 44.7 24.7 64.7
105 38.0 18.0 58.0

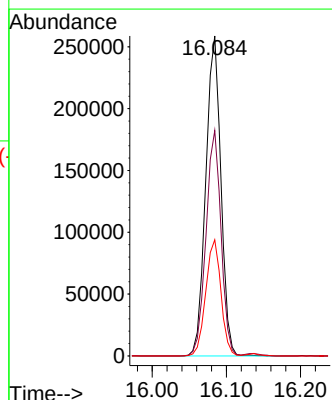
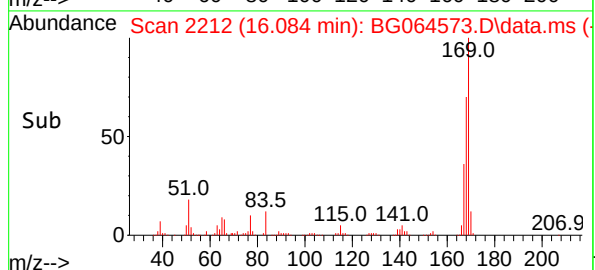
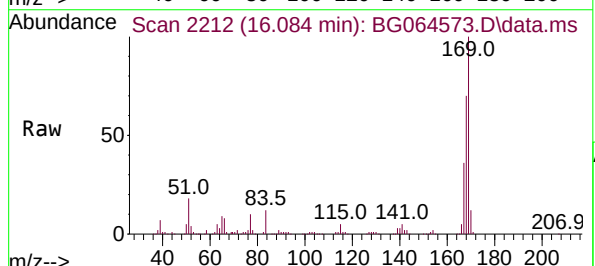
Manual Integrations
APPROVED

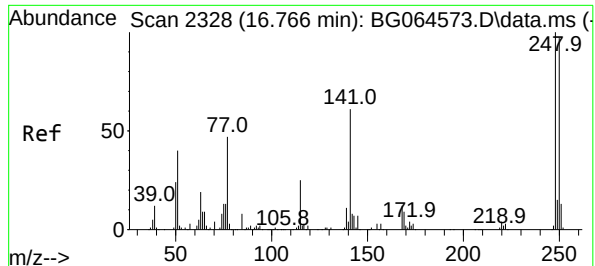
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#66
n-Nitrosodiphenylamine
Concen: 43.201 ng
RT: 16.084 min Scan# 2212
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

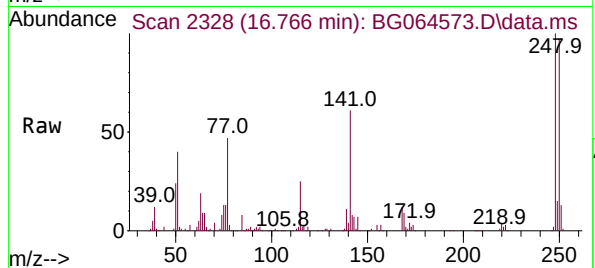
Tgt Ion:169 Resp: 365624
Ion Ratio Lower Upper
169 100
168 70.4 56.3 84.5
167 36.3 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 43.563 ng
RT: 16.766 min Scan# 2328
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

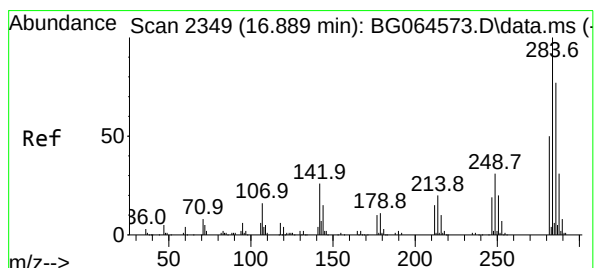
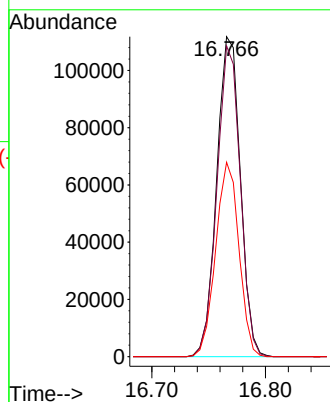
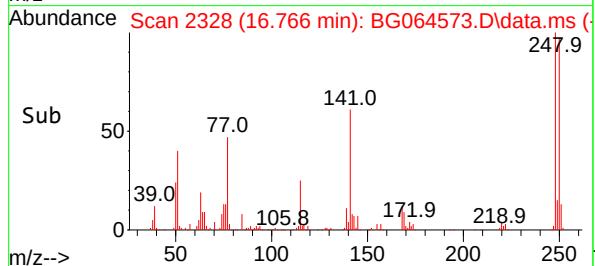
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



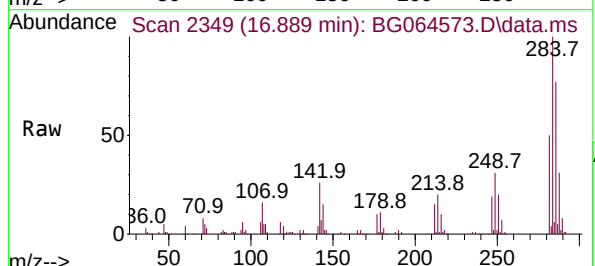
Tgt Ion:248 Resp: 161744
Ion Ratio Lower Upper
248 100
250 97.1 77.7 116.5
141 60.7 48.6 72.8

Manual Integrations
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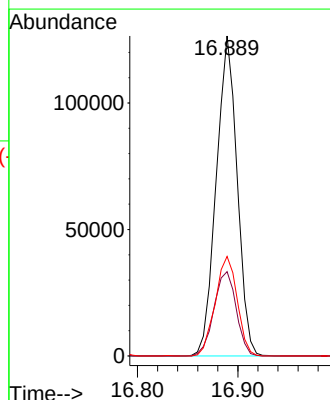
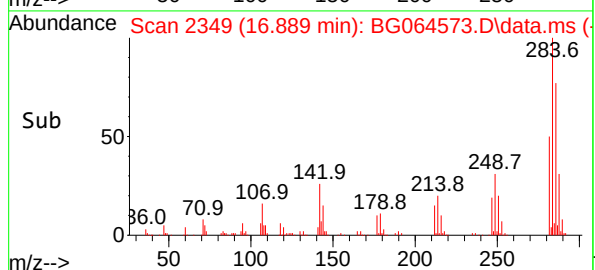
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

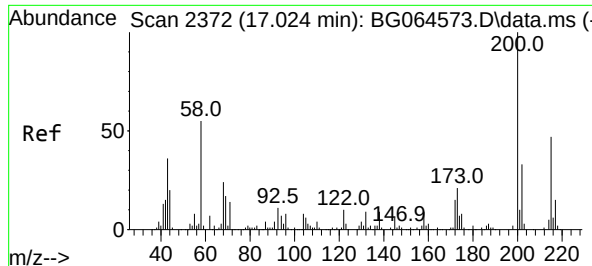


#68
Hexachlorobenzene
Concen: 43.265 ng
RT: 16.889 min Scan# 2349
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03



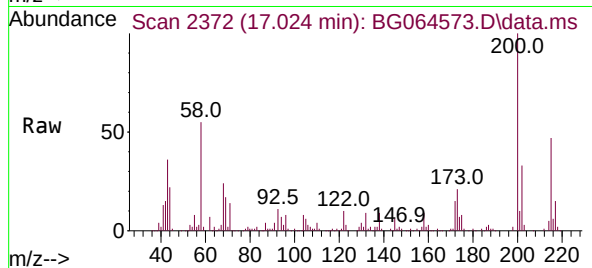
Tgt Ion:284 Resp: 183262
Ion Ratio Lower Upper
284 100
142 26.3 21.0 31.6
249 31.1 24.9 37.3





#69
Atrazine
Concen: 42.203 ng
RT: 17.024 min Scan# 2372
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

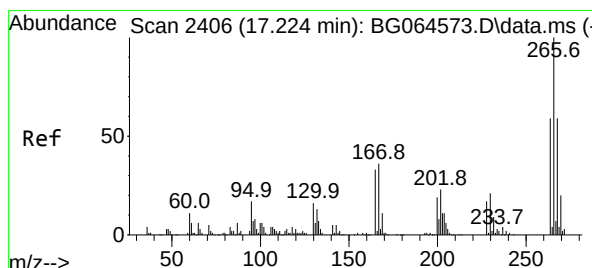
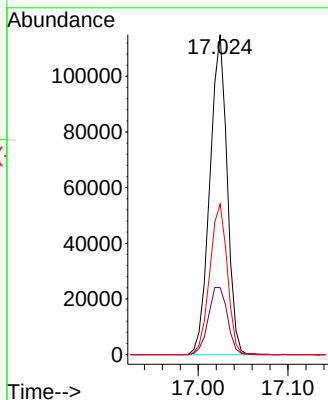
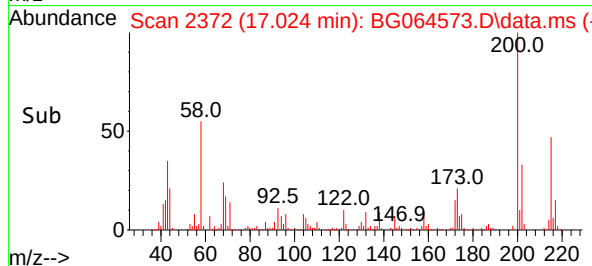
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



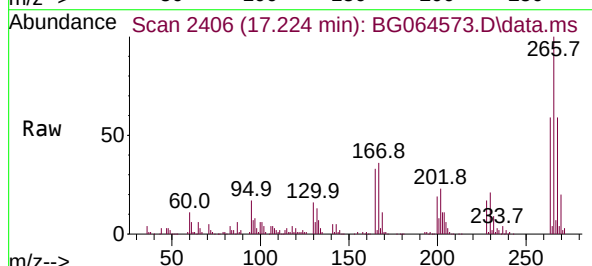
Tgt Ion:200 Resp: 153706
Ion Ratio Lower Upper
200 100
173 20.9 0.9 40.9
215 47.0 27.0 67.0

Manual Integrations
APPROVED

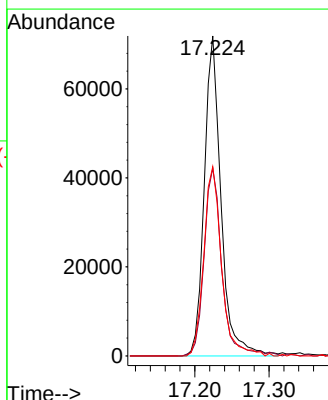
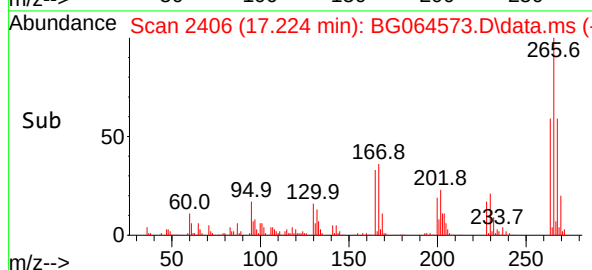
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

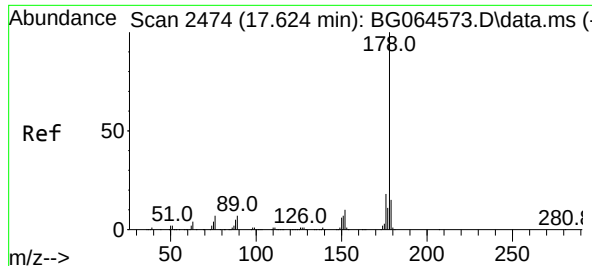


#70
Pentachlorophenol
Concen: 42.694 ng
RT: 17.224 min Scan# 2406
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03



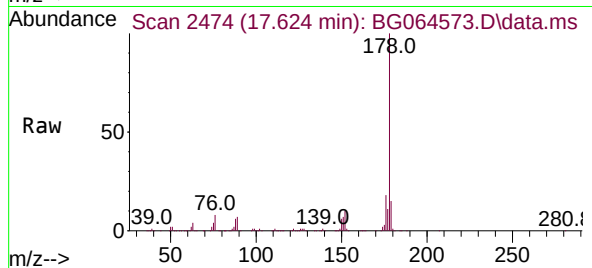
Tgt Ion:266 Resp: 112769
Ion Ratio Lower Upper
266 100
268 62.9 50.3 75.5
264 59.1 47.3 70.9





#71
Phenanthrene
Concen: 42.500 ng
RT: 17.624 min Scan# 2474
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

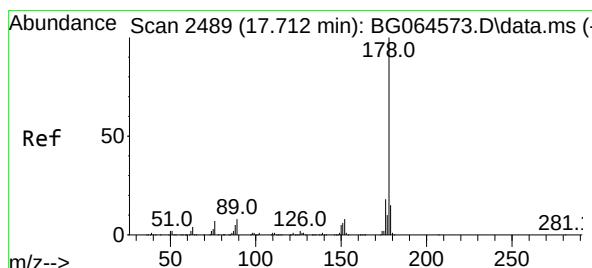
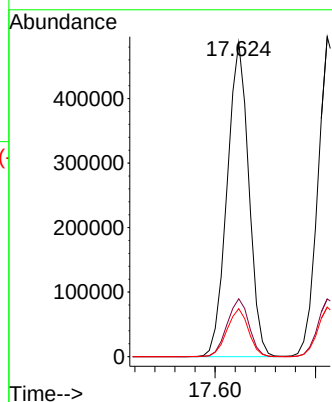
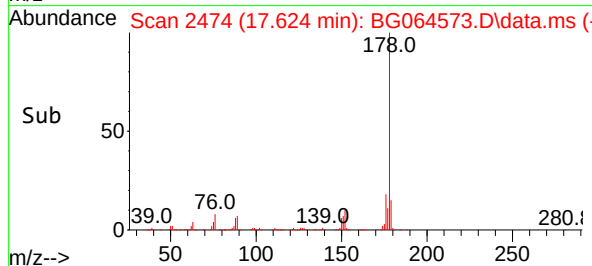
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:178 Resp: 728184
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 15.3 12.2 18.4

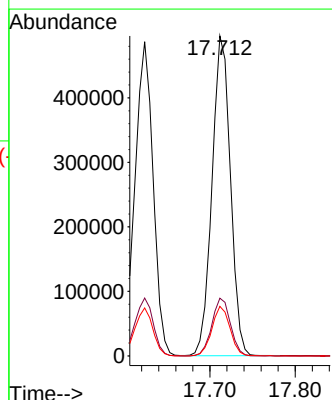
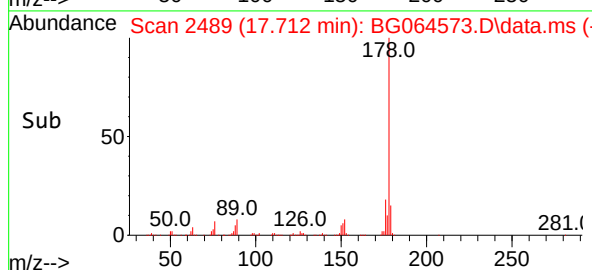
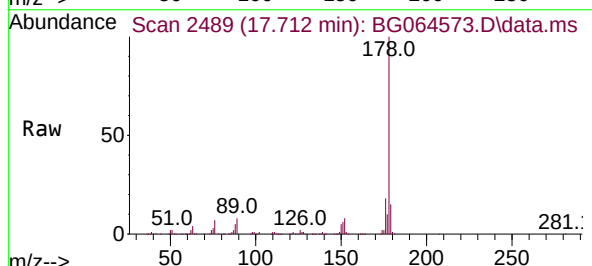
Manual Integrations
APPROVED

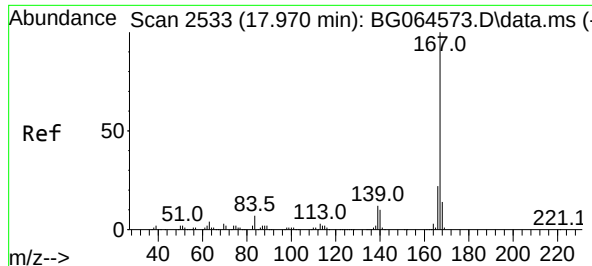
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#72
Anthracene
Concen: 42.663 ng
RT: 17.712 min Scan# 2489
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

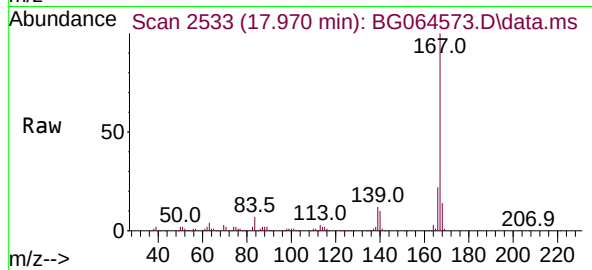
Tgt Ion:178 Resp: 743567
Ion Ratio Lower Upper
178 100
176 18.0 14.4 21.6
179 15.5 12.4 18.6





#73
Carbazole
Concen: 42.053 ng
RT: 17.970 min Scan# 2533
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

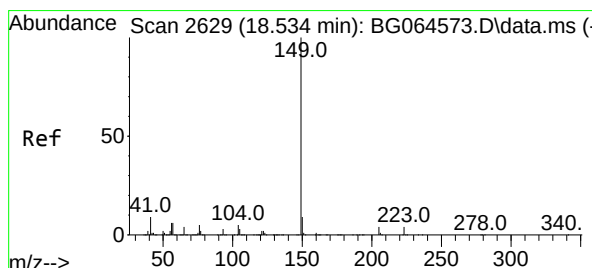
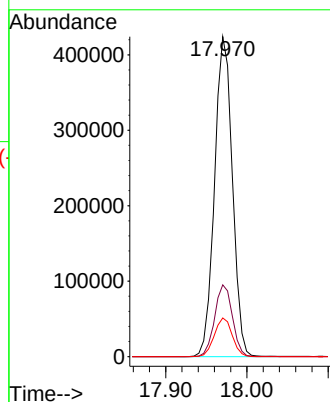
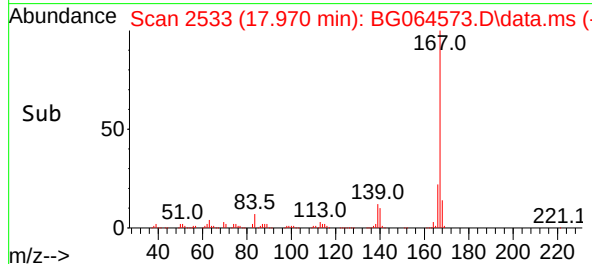
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:167 Resp: 646319
Ion Ratio Lower Upper
167 100
166 22.4 17.9 26.9
139 12.1 9.7 14.5

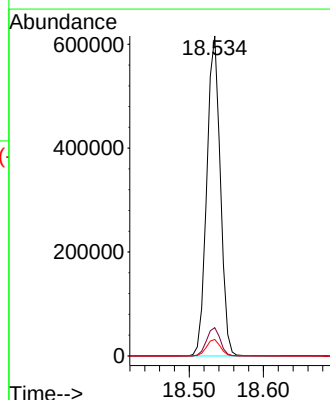
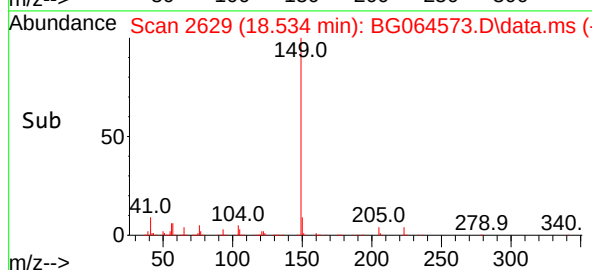
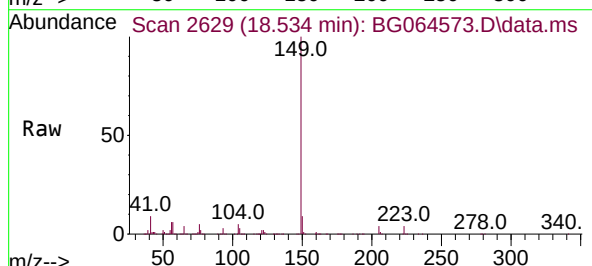
Manual Integrations
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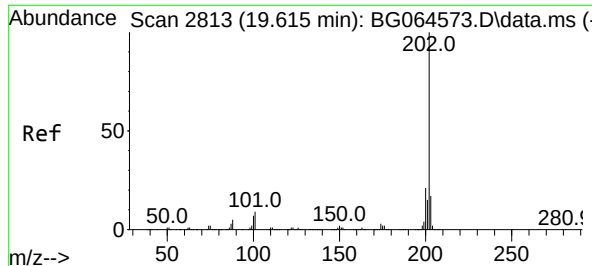
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#74
Di-n-butylphthalate
Concen: 43.711 ng
RT: 18.534 min Scan# 2629
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

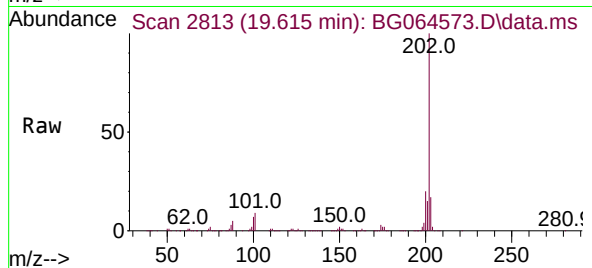
Tgt Ion:149 Resp: 776847
Ion Ratio Lower Upper
149 100
150 8.8 7.0 10.6
104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 42.050 ng
RT: 19.615 min Scan# 2813
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

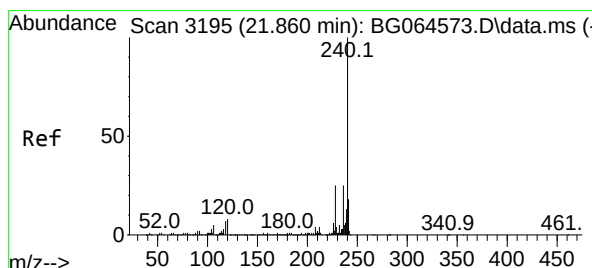
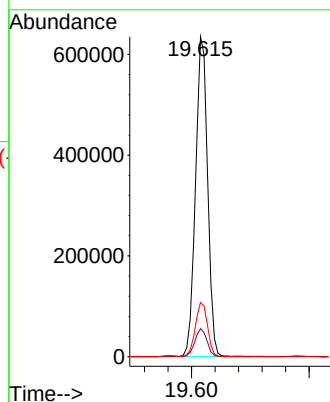
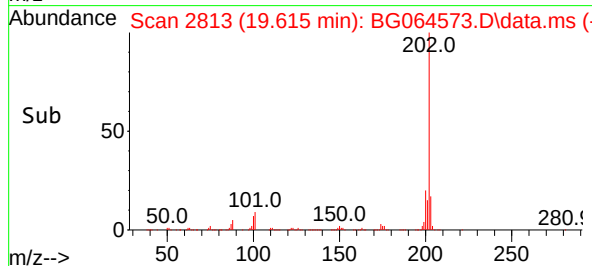
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:202 Resp: 902552
Ion Ratio Lower Upper
202 100
101 8.7 0.0 28.7
203 17.0 0.0 37.0

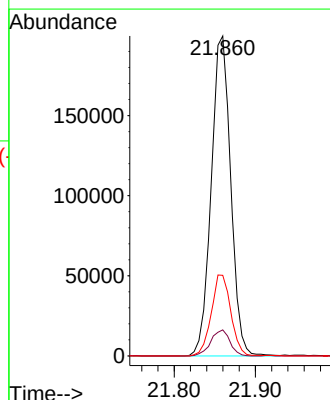
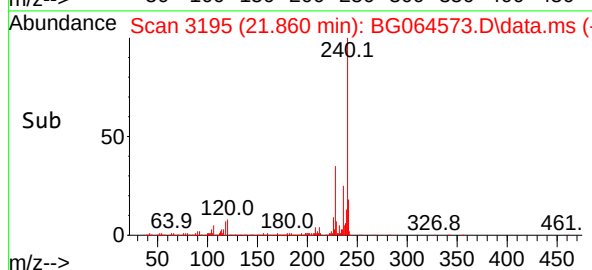
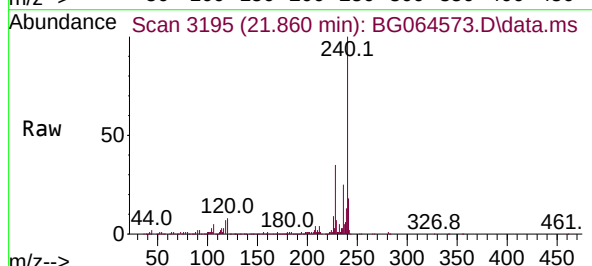
Manual Integrations
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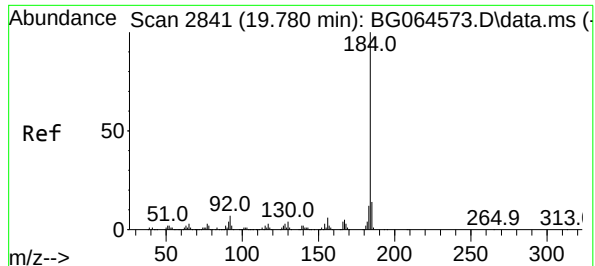
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.860 min Scan# 3195
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

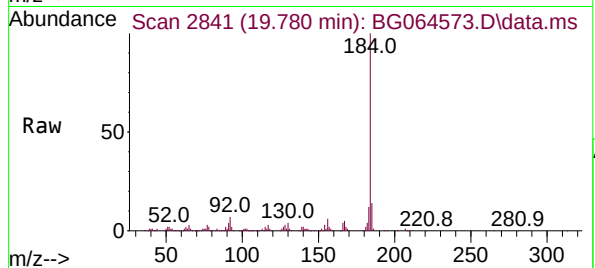
Tgt Ion:240 Resp: 332834
Ion Ratio Lower Upper
240 100
120 8.1 6.5 9.7
236 25.2 20.2 30.2





#77
Benzidine
Concen: 43.697 ng
RT: 19.780 min Scan# 2841
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

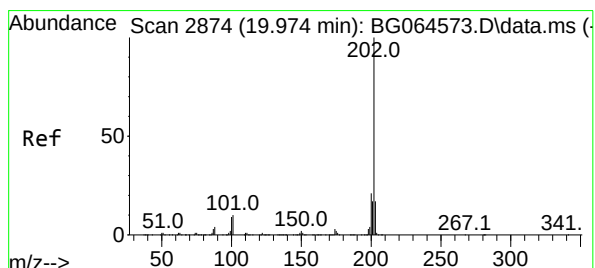
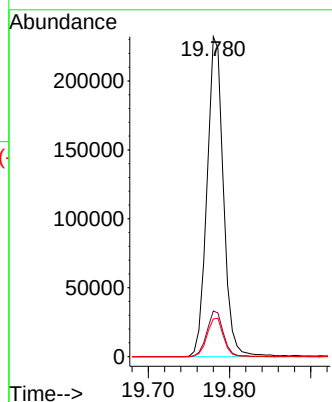
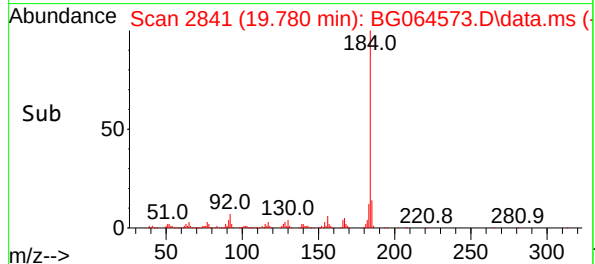
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:184 Resp: 325845
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.2
183 11.8 9.4 14.2

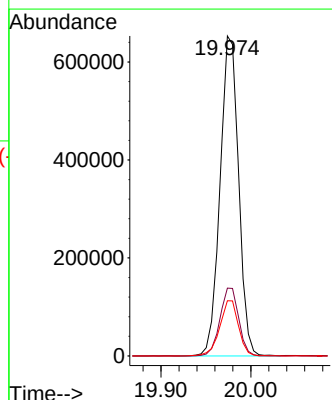
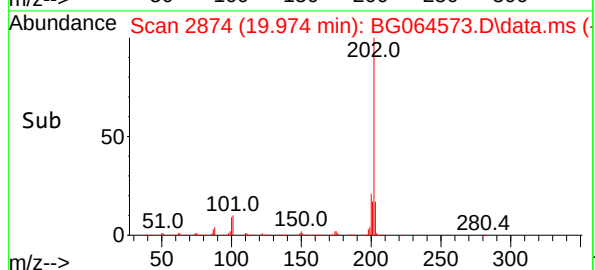
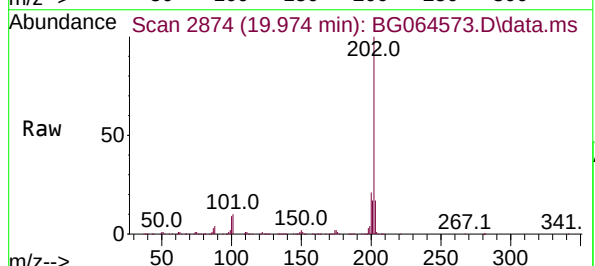
Manual Integrations
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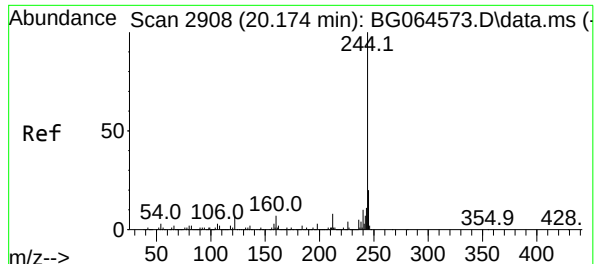
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#78
Pyrene
Concen: 43.186 ng
RT: 19.974 min Scan# 2874
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

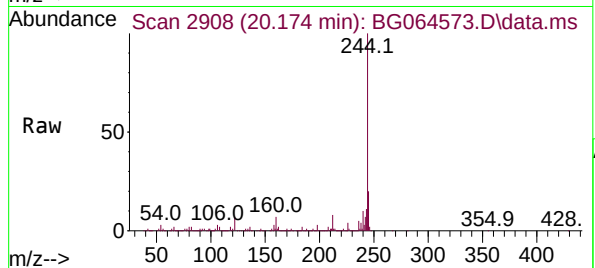
Tgt Ion:202 Resp: 939110
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.2 13.8 20.6





#79
 Terphenyl-d14
 Concen: 86.242 ng
 RT: 20.174 min Scan# 2908
 Delta R.T. 0.000 min
 Lab File: BG064573.D
 Acq: 24 Oct 2025 13:03

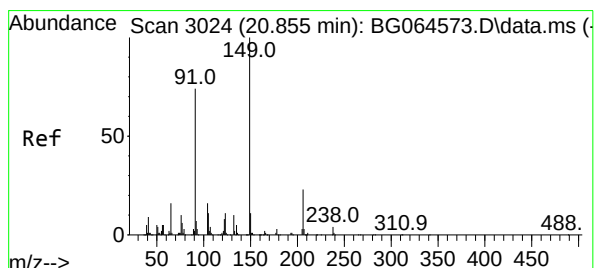
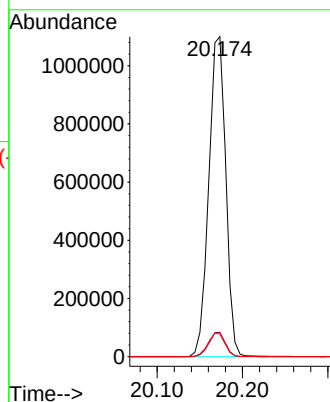
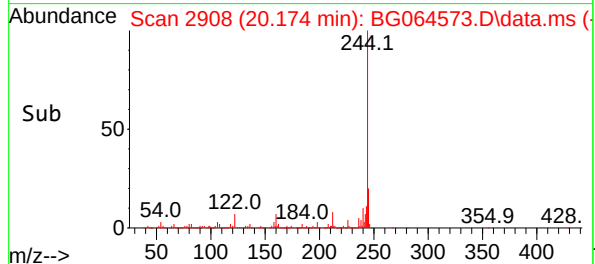
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040



Tgt Ion:244 Resp: 1521028
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 7.0 5.6 8.4

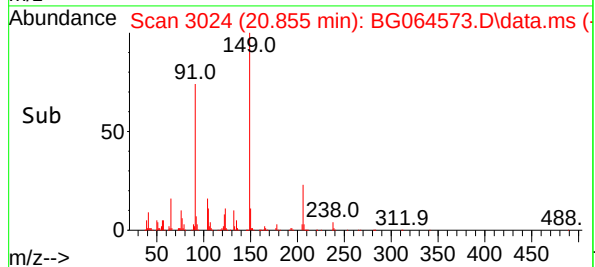
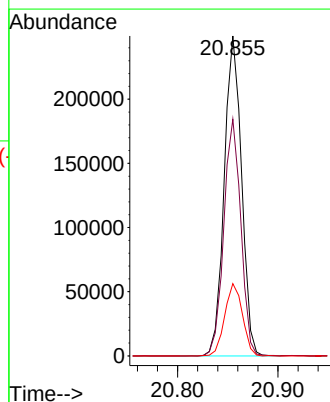
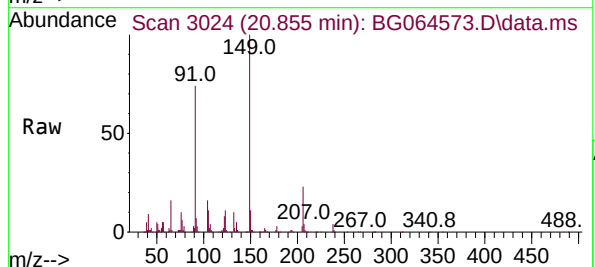
Manual Integrations
 APPROVED

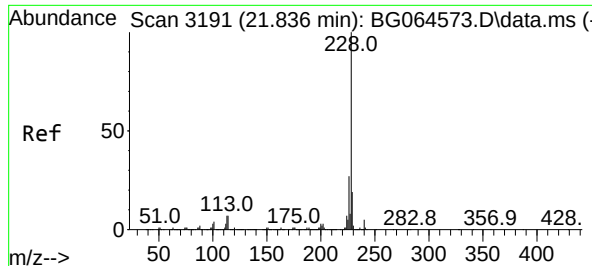
Reviewed By :Rahul Chavli 10/27/2025
 Supervised By :mohammad ahmed 11/05/2025



#80
 Butylbenzylphthalate
 Concen: 45.601 ng
 RT: 20.855 min Scan# 3024
 Delta R.T. 0.000 min
 Lab File: BG064573.D
 Acq: 24 Oct 2025 13:03

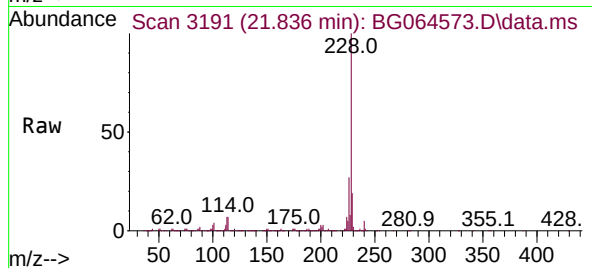
Tgt Ion:149 Resp: 299706
 Ion Ratio Lower Upper
 149 100
 91 74.0 59.2 88.8
 206 22.6 18.1 27.1





#81
Benzo(a)anthracene
Concen: 42.723 ng
RT: 21.836 min Scan# 3191
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

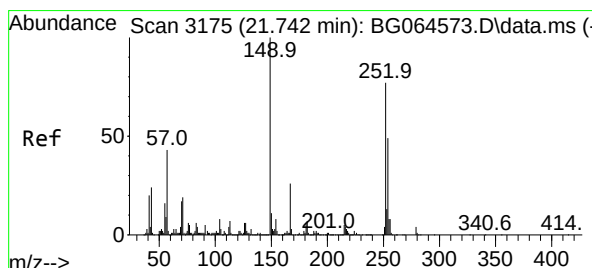
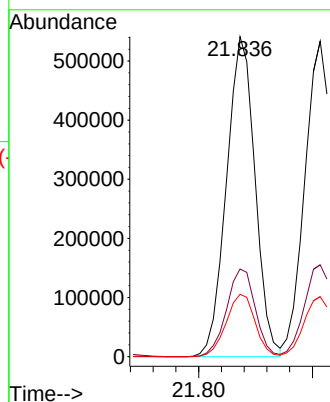
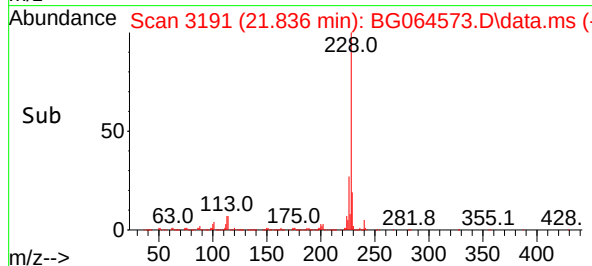
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:228 Resp: 942839
Ion Ratio Lower Upper
228 100
226 27.4 21.9 32.9
229 19.5 15.6 23.4

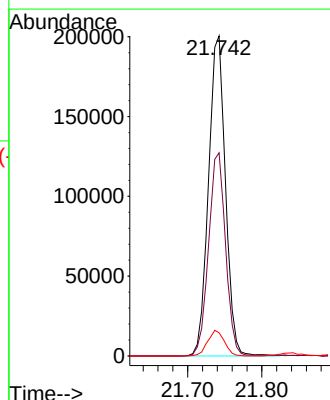
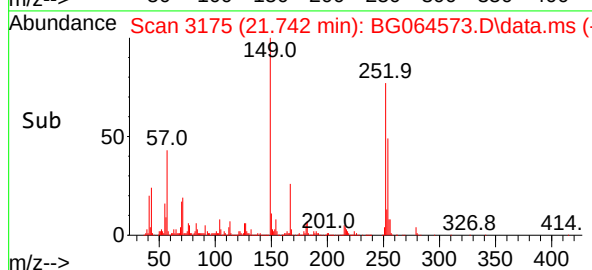
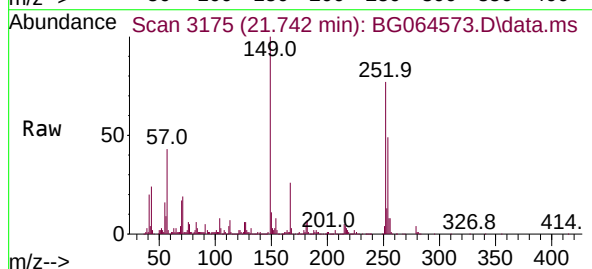
Manual Integrations
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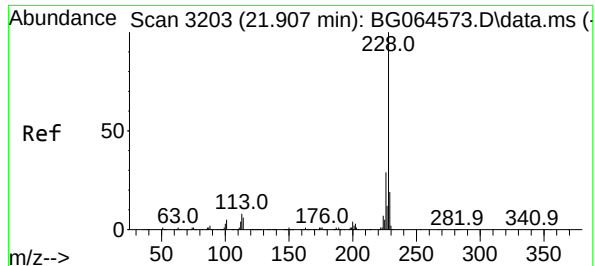
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#82
3,3'-Dichlorobenzidine
Concen: 43.131 ng
RT: 21.742 min Scan# 3175
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

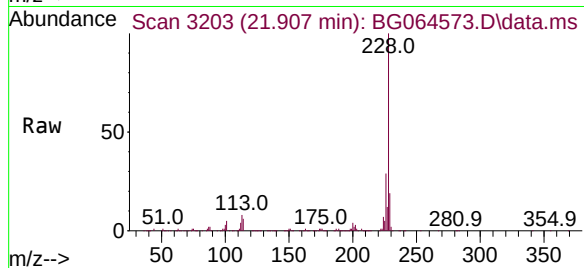
Tgt Ion:252 Resp: 317851
Ion Ratio Lower Upper
252 100
254 63.5 50.8 76.2
126 7.2 5.8 8.6





#83
Chrysene
Concen: 42.613 ng
RT: 21.907 min Scan# 3176
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

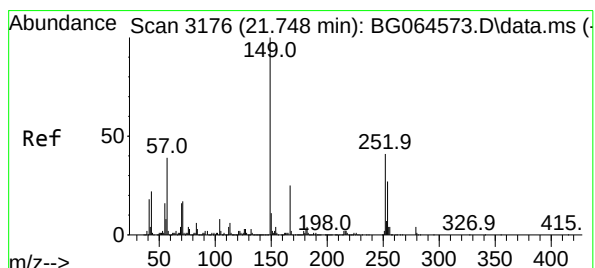
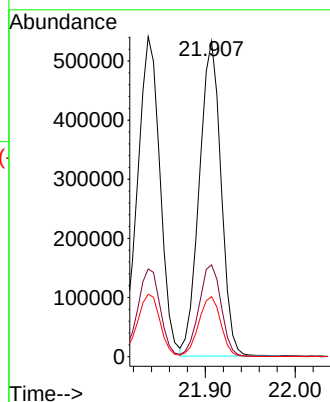
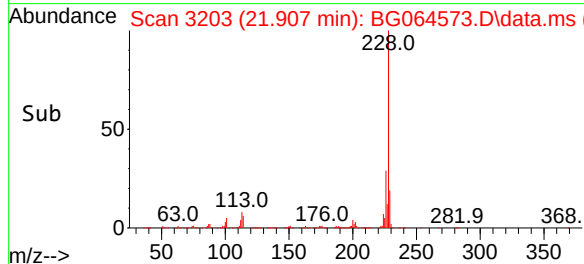
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:228 Resp: 894813
Ion Ratio Lower Upper
228 100
226 29.1 23.3 34.9
229 19.0 15.2 22.8

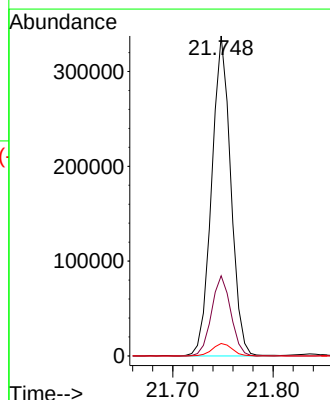
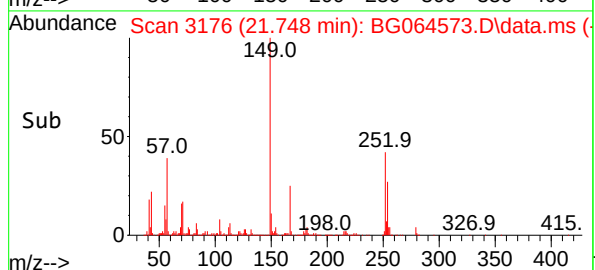
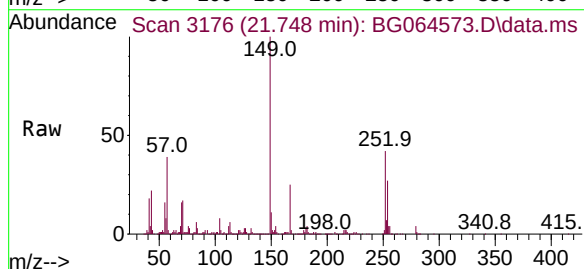
Manual Integrations
APPROVED

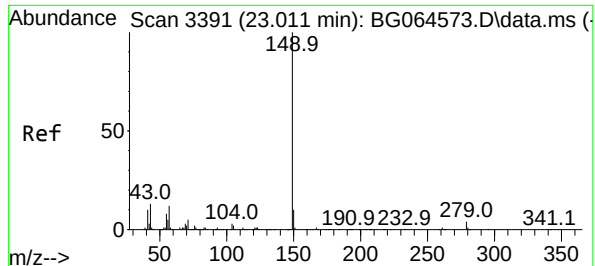
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.494 ng
RT: 21.748 min Scan# 3176
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

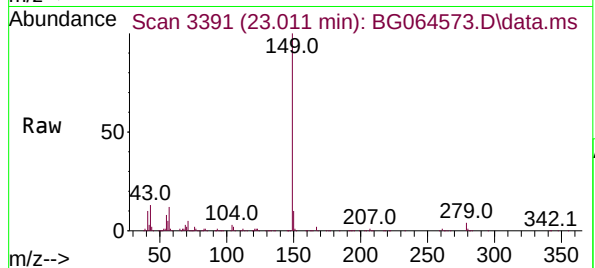
Tgt Ion:149 Resp: 446785
Ion Ratio Lower Upper
149 100
167 25.0 20.0 30.0
279 3.9 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 43.688 ng
RT: 23.011 min Scan# 3391
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

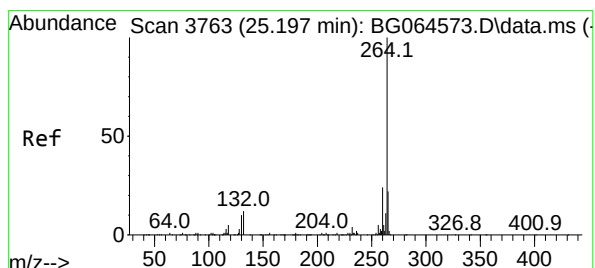
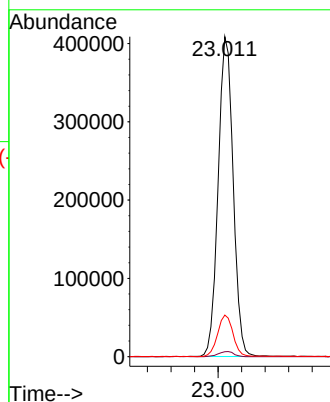
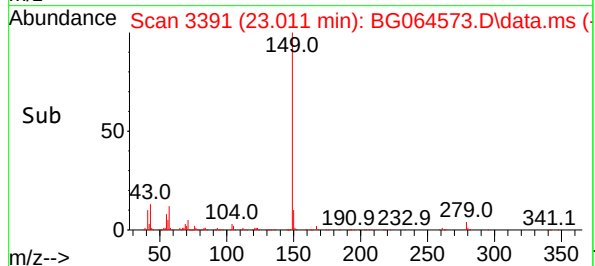
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:149 Resp: 723360
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.5 10.8 16.2

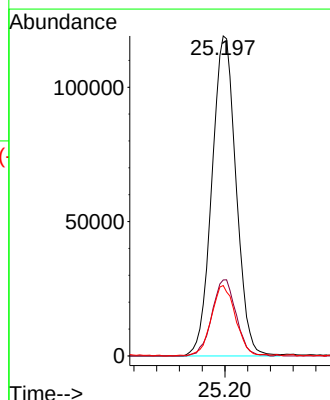
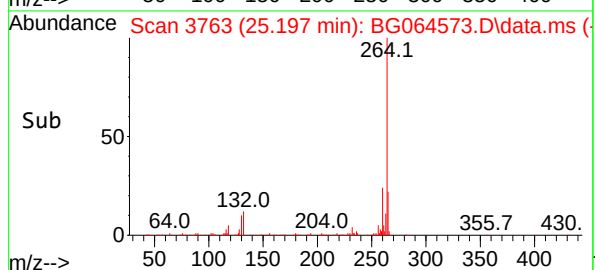
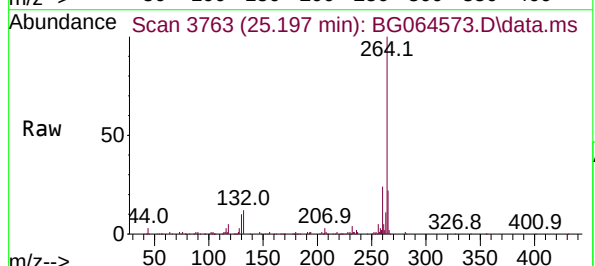
Manual Integrations
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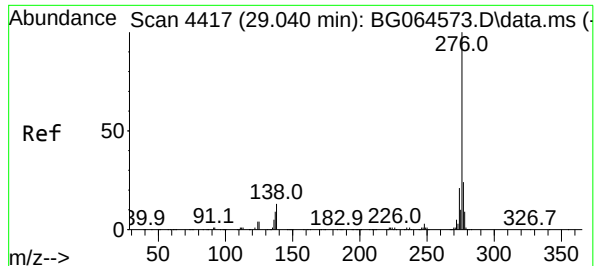
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.197 min Scan# 3763
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

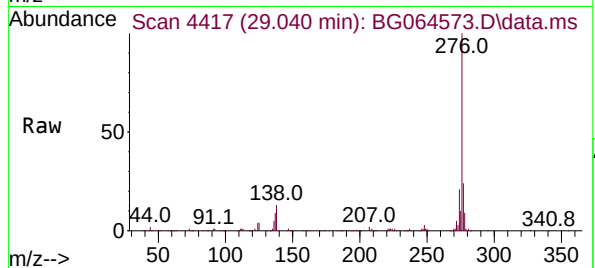
Tgt Ion:264 Resp: 350897
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.4
265 22.0 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.624 ng
RT: 29.040 min Scan# 4417
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

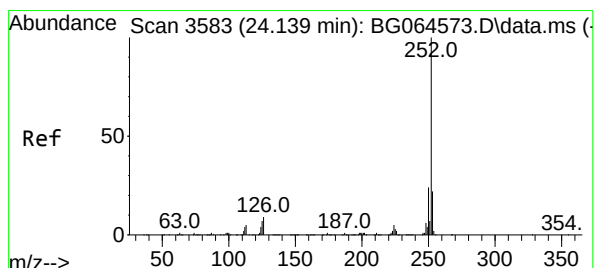
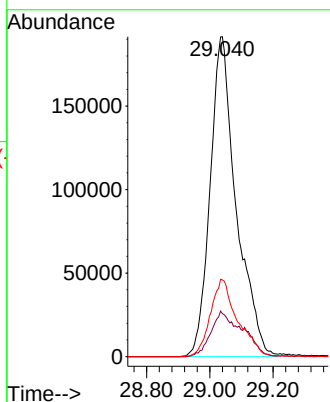
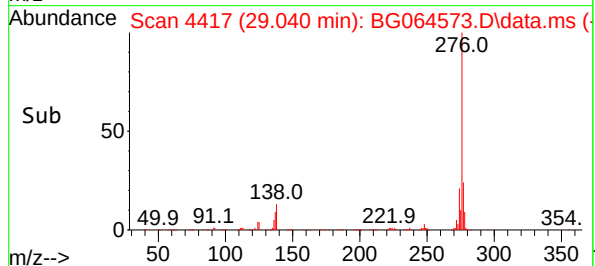
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:276 Resp: 1100259
Ion Ratio Lower Upper
276 100
138 13.5 10.8 16.2
277 25.1 20.1 30.1

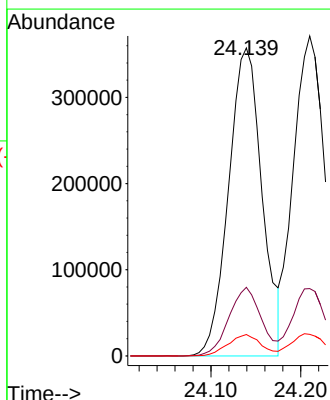
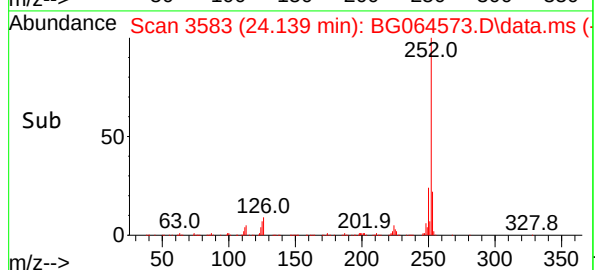
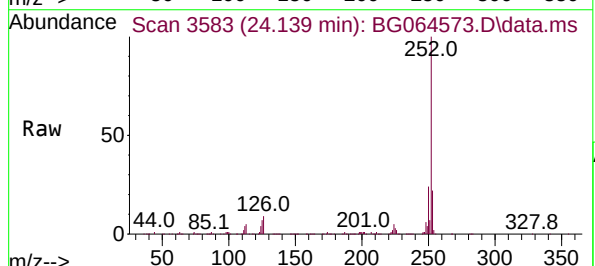
Manual Integrations
APPROVED

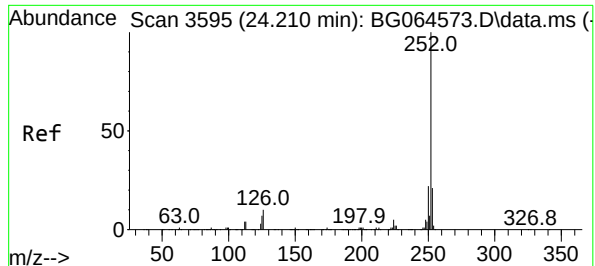
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#88
Benzo(b)fluoranthene
Concen: 43.108 ng
RT: 24.139 min Scan# 3583
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:252 Resp: 927550
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 7.0 5.6 8.4





#89

Benzo(k)fluoranthene

Concen: 41.878 ng

RT: 24.210 min Scan# 3595

Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:252 Resp: 901706

Ion Ratio Lower Upper

252 100

253 21.0 16.8 25.2

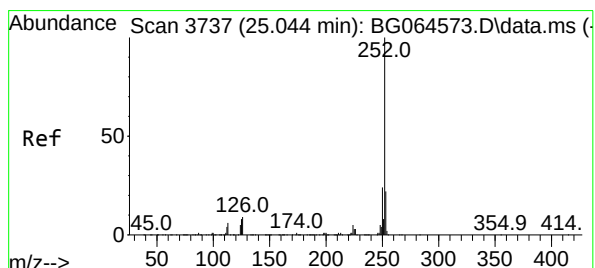
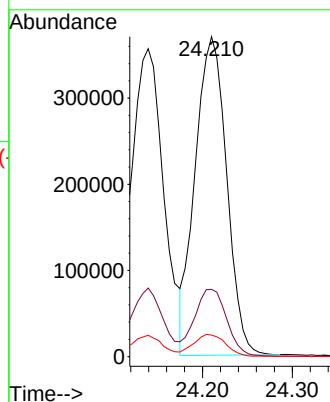
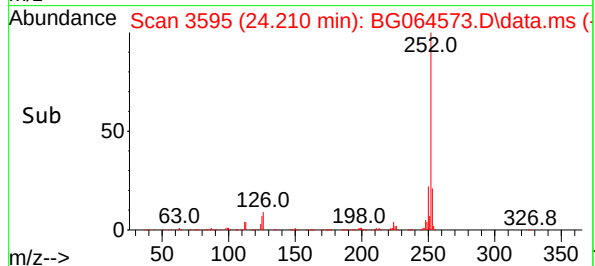
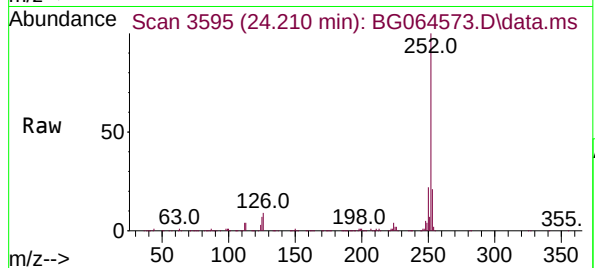
125 6.7 5.4 8.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#90

Benzo(a)pyrene

Concen: 42.635 ng

RT: 25.044 min Scan# 3737

Delta R.T. 0.000 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

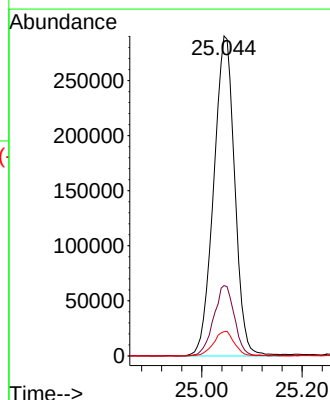
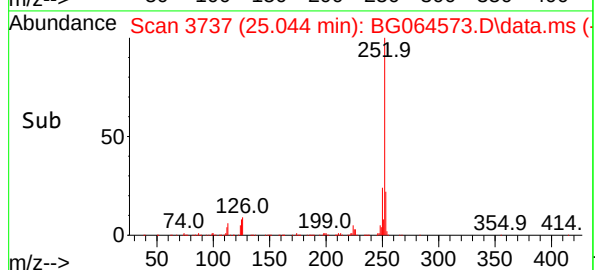
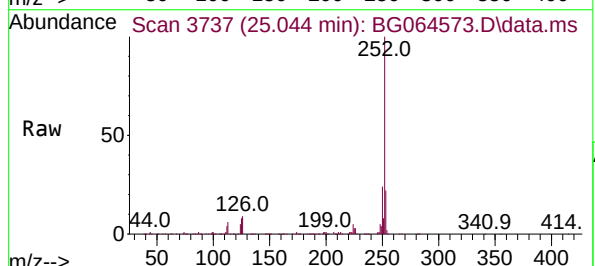
Tgt Ion:252 Resp: 843258

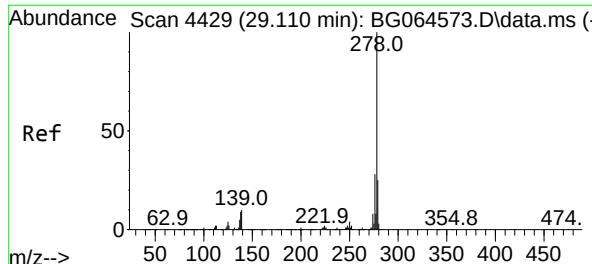
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

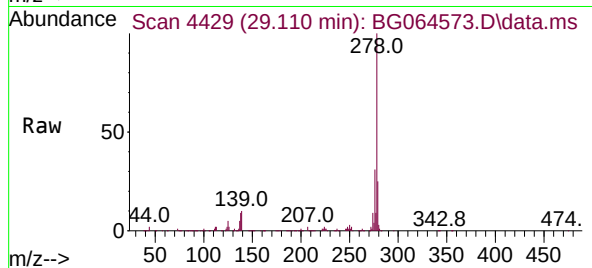
125 7.6 6.1 9.1





#91
Dibenzo(a,h)anthracene
Concen: 42.430 ng
RT: 29.110 min Scan# 4429
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

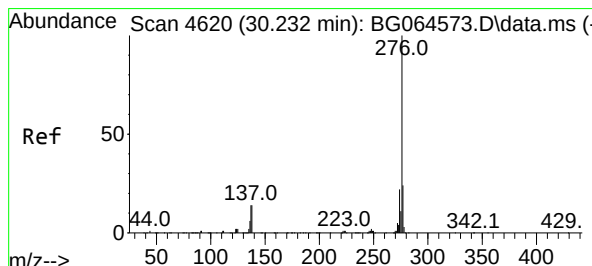
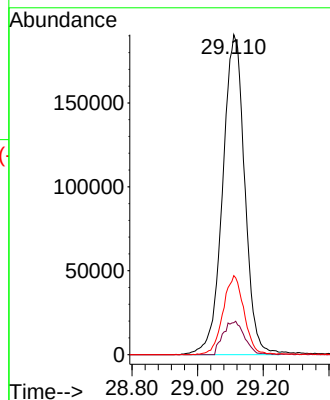
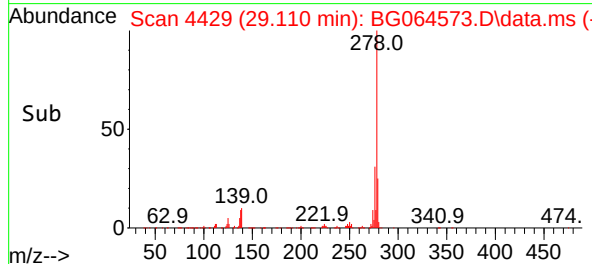
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion: 278 Resp: 889808
Ion Ratio Lower Upper
278 100
139 10.0 8.0 12.0
279 24.7 19.8 29.6

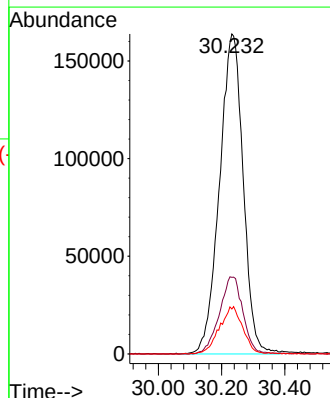
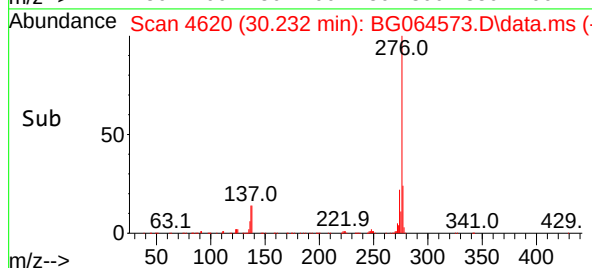
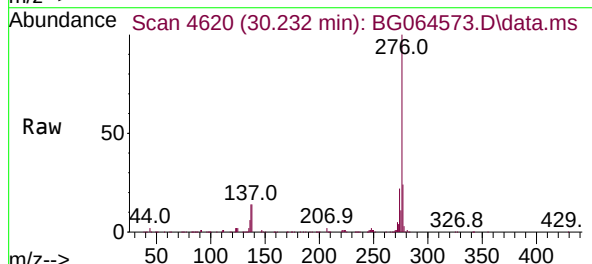
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#92
Benzo(g,h,i)perylene
Concen: 42.492 ng
RT: 30.232 min Scan# 4620
Delta R.T. 0.000 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion: 276 Resp: 851248
Ion Ratio Lower Upper
276 100
277 23.9 19.1 28.7
138 14.1 11.3 16.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064574.D
 Acq On : 24 Oct 2025 13:44
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 03 18:01:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 17:56:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.219	152	40271	20.000	ng	0.00
21) Naphthalene-d8	11.045	136	168005	20.000	ng	0.00
39) Acenaphthene-d10	14.841	164	134994	20.000	ng	0.00
64) Phenanthrene-d10	17.579	188	324385	20.000	ng	0.00
76) Chrysene-d12	21.856	240	340896	20.000	ng	0.00
86) Perylene-d12	25.205	264	350916	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.746	112	318446	132.728	ng	0.00
7) Phenol-d6	7.355	99	450449	136.821	ng	0.00
23) Nitrobenzene-d5	9.388	82	406268	145.243	ng	0.00
42) 2,4,6-Tribromophenol	16.321	330	280190	143.807	ng	0.00
45) 2-Fluorobiphenyl	13.478	172	1120989	125.867	ng	0.00
79) Terphenyl-d14	20.176	244	2253704	124.763	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.589	88	67487	63.535	ng	98
3) Pyridine	4.001	79	209372	65.637	ng	98
4) n-Nitrosodimethylamine	3.907	42	111310	65.071	ng	94
6) Aniline	7.532	93	294791	65.803	ng	98
8) 2-Chlorophenol	7.779	128	176533	70.297	ng	98
9) Benzaldehyde	7.344	77	118559	65.963	ng	98
10) Phenol	7.379	94	244914	67.267	ng	98
11) bis(2-Chloroethyl)ether	7.626	93	174337	65.126	ng	100
12) 1,3-Dichlorobenzene	8.113	146	186290	64.452	ng	99
13) 1,4-Dichlorobenzene	8.254	146	188553	64.156	ng	95
14) 1,2-Dichlorobenzene	8.583	146	183593	64.766	ng	98
15) Benzyl Alcohol	8.448	79	185157	68.201	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.742	45	459295	65.410	ng	100
17) 2-Methylphenol	8.648	107	162536	67.237	ng	98
18) Hexachloroethane	9.324	117	67237	65.193	ng	99
19) n-Nitroso-di-n-propyla...	9.030	70	155683	68.424	ng	99
20) 3+4-Methylphenols	8.983	107	228995	67.359	ng	98
22) Acetophenone	9.048	105	297413	64.759	ng	# 96
24) Nitrobenzene	9.430	77	220774	72.567	ng	98
25) Isophorone	9.958	82	449298	66.940	ng	99
26) 2-Nitrophenol	10.146	139	76368	63.945	ng	98
27) 2,4-Dimethylphenol	10.193	122	173061	69.317	ng	97
28) bis(2-Chloroethoxy)met...	10.440	93	248699	65.078	ng	99
29) 2,4-Dichlorophenol	10.681	162	188233	70.056	ng	96
30) 1,2,4-Trichlorobenzene	10.904	180	200988	65.837	ng	95
31) Naphthalene	11.098	128	605239	64.976	ng	99
32) Benzoic acid	10.340	122	130898m	65.612	ng	
33) 4-Chloroaniline	11.192	127	245101	67.699	ng	98
34) Hexachlorobutadiene	11.392	225	154303	64.630	ng	97
35) Caprolactam	11.968	113	71319	69.206	ng	96
36) 4-Chloro-3-methylphenol	12.297	107	228833	70.853	ng	100
37) 2-Methylnaphthalene	12.690	142	447497	65.435	ng	98
38) 1-Methylnaphthalene	12.908	142	442677	65.402	ng	99
40) 1,2,4,5-Tetrachloroben...	13.055	216	290173	64.049	ng	100
41) Hexachlorocyclopentadiene	13.037	237	137727	67.540	ng	99
43) 2,4,6-Trichlorophenol	13.278	196	184771	71.299	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064574.D
 Acq On : 24 Oct 2025 13:44
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 03 18:01:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 17:56:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.354	196	209320	69.994	ng	96
46) 1,1'-Biphenyl	13.683	154	606860	63.233	ng	98
47) 2-Chloronaphthalene	13.730	162	463792	64.022	ng	98
48) 2-Nitroaniline	13.913	65	163796	66.052	ng	95
49) Acenaphthylene	14.571	152	739728	64.738	ng	100
50) Dimethylphthalate	14.289	163	688128	66.616	ng	99
51) 2,6-Dinitrotoluene	14.400	165	114588	65.951	ng	95
52) Acenaphthene	14.911	154	510499	65.392	ng	98
53) 3-Nitroaniline	14.729	138	131776	74.231	ng	91
54) 2,4-Dinitrophenol	14.929	184	66900	65.082	ng	# 75
55) Dibenzofuran	15.240	168	804964	63.779	ng	97
56) 4-Nitrophenol	15.017	139	114408	69.512	ng	97
57) 2,4-Dinitrotoluene	15.187	165	175802	65.522	ng	# 100
58) Fluorene	15.887	166	627437	63.656	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.458	232	205529	71.870	ng	99
60) Diethylphthalate	15.652	149	695924	65.982	ng	99
61) 4-Chlorophenyl-phenyle...	15.875	204	359759	65.038	ng	99
62) 4-Nitroaniline	15.893	138	143839	72.832	ng	98
63) Azobenzene	16.169	77	633520	65.464	ng	99
65) 4,6-Dinitro-2-methylph...	15.945	198	94338	64.046	ng	93
66) n-Nitrosodiphenylamine	16.086	169	577835	65.944	ng	99
67) 4-Bromophenyl-phenylether	16.768	248	256556	66.740	ng	100
68) Hexachlorobenzene	16.891	284	293831	67.001	ng	96
69) Atrazine	17.026	200	254070	67.378	ng	97
70) Pentachlorophenol	17.226	266	193954	70.923	ng	91
71) Phenanthrene	17.626	178	1147317	64.676	ng	99
72) Anthracene	17.714	178	1171223	64.905	ng	99
73) Carbazole	17.972	167	1000680	62.887	ng	99
74) Di-n-butylphthalate	18.536	149	1165396	63.334	ng	99
75) Fluoranthene	19.618	202	1364891	61.419	ng	98
77) Benzidine	19.782	184	544918	71.348	ng	99
78) Pyrene	19.976	202	1437669	64.549	ng	99
80) Butylbenzylphthalate	20.857	149	477358	70.914	ng	98
81) Benzo(a)anthracene	21.839	228	1462488	64.702	ng	99
82) 3,3'-Dichlorobenzidine	21.739	252	497174	65.868	ng	99
83) Chrysene	21.909	228	1389821	64.621	ng	98
84) Bis(2-ethylhexyl)phtha...	21.750	149	681649	67.768	ng	98
85) Di-n-octyl phthalate	23.014	149	1142651	67.379	ng	100
87) Indeno(1,2,3-cd)pyrene	29.048	276	1729035	66.979	ng	98
88) Benzo(b)fluoranthene	24.142	252	1424640	66.207	ng	99
89) Benzo(k)fluoranthene	24.218	252	1436312	66.703	ng	99
90) Benzo(a)pyrene	25.052	252	1311701	66.315	ng	100
91) Dibenzo(a,h)anthracene	29.124	278	1394234	66.479	ng	99
92) Benzo(g,h,i)perylene	30.246	276	1347382	67.253	ng	98

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

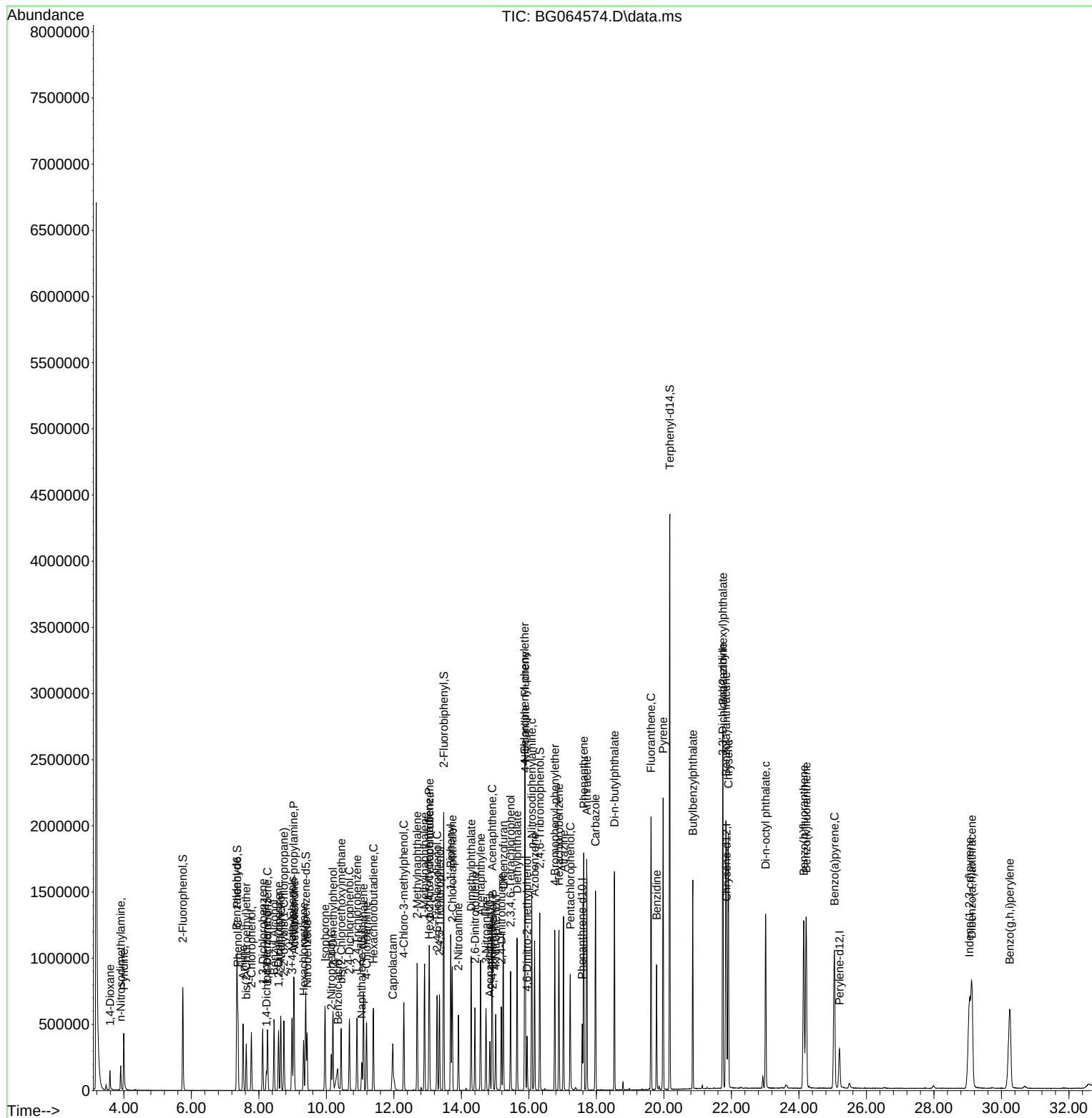
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064574.D
Acq On : 24 Oct 2025 13:44
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

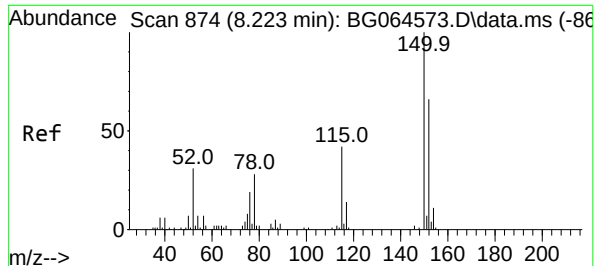
Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

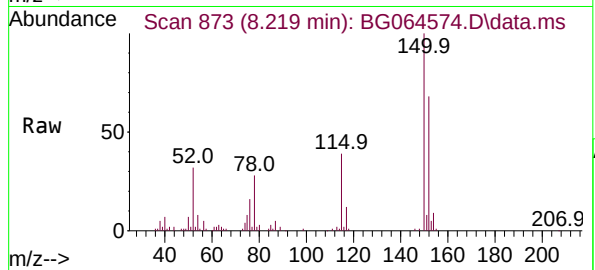
Quant Time: Nov 03 18:01:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.219 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

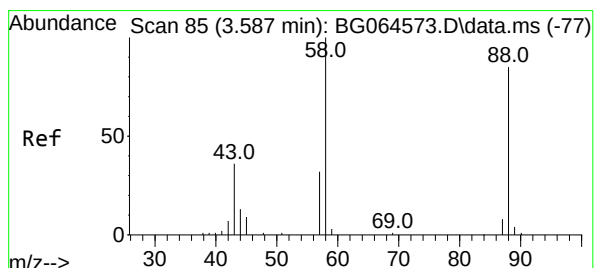
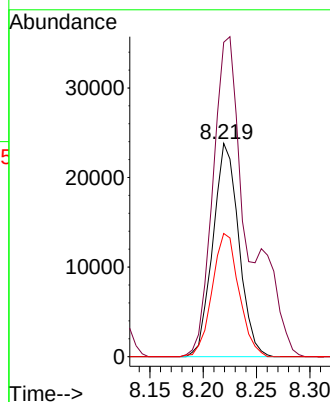
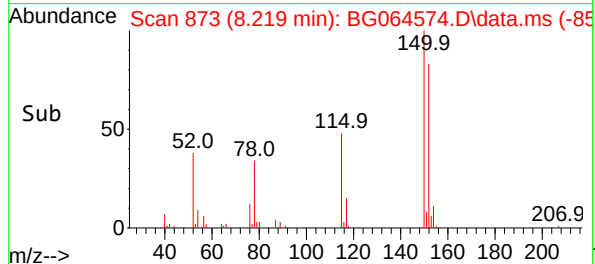
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:152 Resp: 4027
Ion Ratio Lower Upper
152 100
150 147.4 122.2 183.4
115 57.8 50.8 76.2

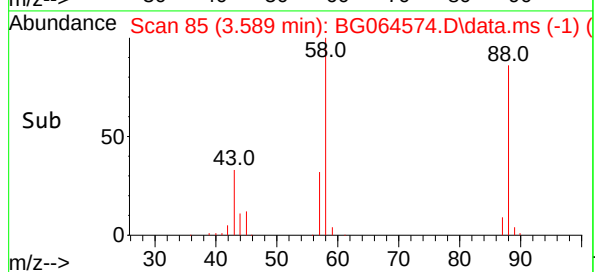
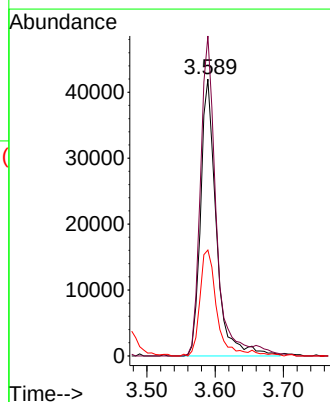
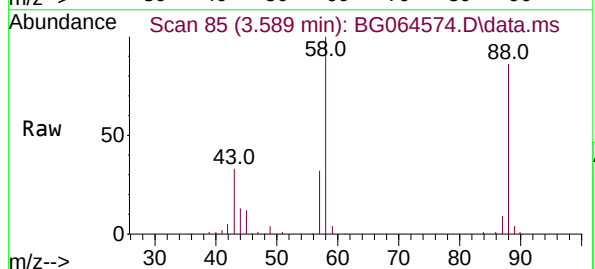
Manual Integrations
APPROVED

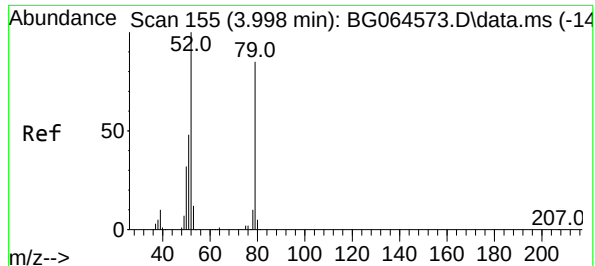
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#2
1,4-Dioxane
Concen: 63.535 ng
RT: 3.589 min Scan# 85
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

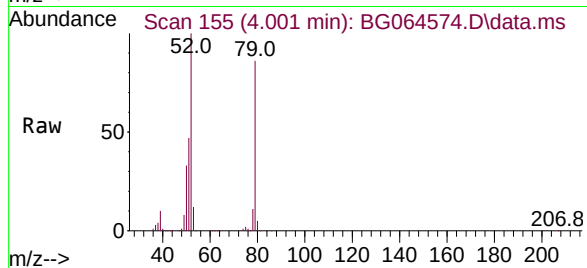
Tgt Ion: 88 Resp: 67487
Ion Ratio Lower Upper
88 100
58 113.3 92.4 138.6
43 40.0 33.0 49.6





#3
Pyridine
Concen: 65.637 ng
RT: 4.001 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

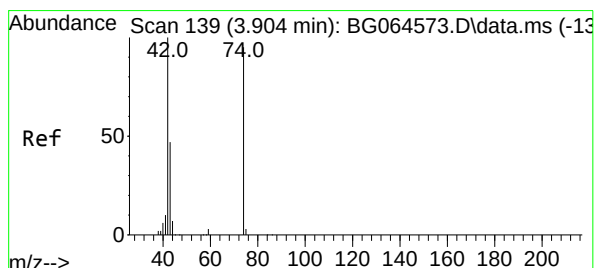
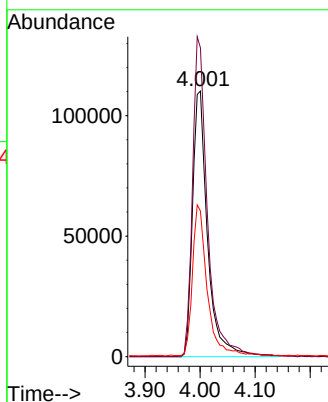
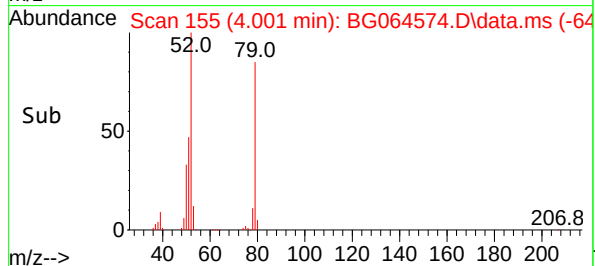
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion: 79 Resp: 209372
Ion Ratio Lower Upper
79 100
52 116.3 94.2 141.2
51 54.8 46.1 69.1

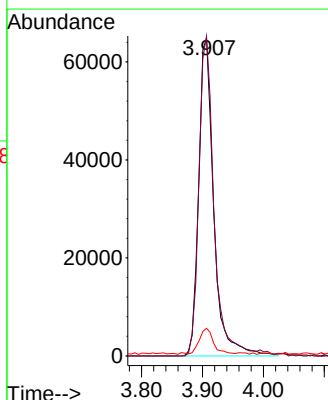
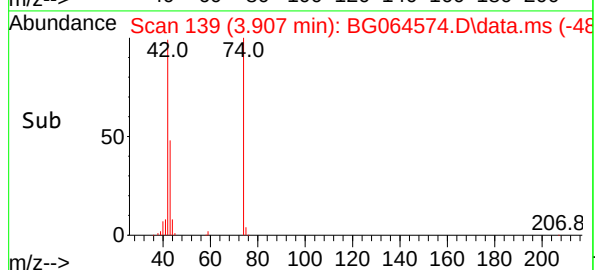
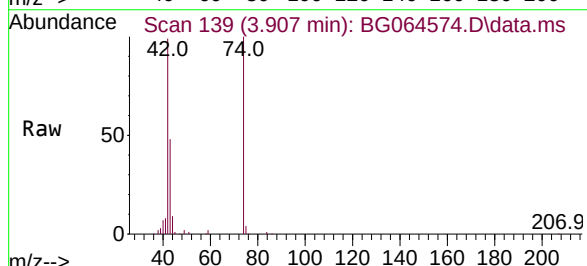
Manual Integrations
APPROVED

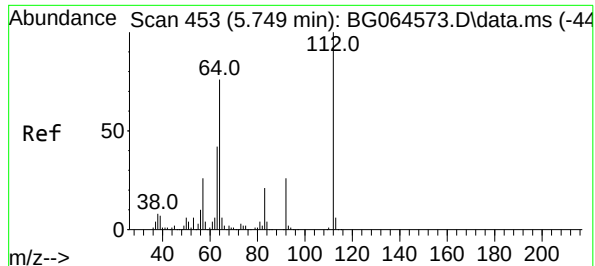
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#4
n-Nitrosodimethylamine
Concen: 65.071 ng
RT: 3.907 min Scan# 139
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion: 42 Resp: 111310
Ion Ratio Lower Upper
42 100
74 100.7 76.1 114.1
44 8.7 6.3 9.5





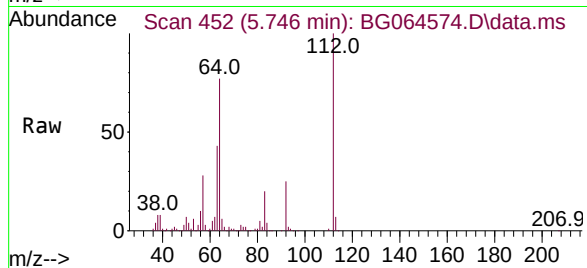
#5
2-Fluorophenol
Concen: 132.728 ng
RT: 5.746 min Scan# 453
Delta R.T. -0.004 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

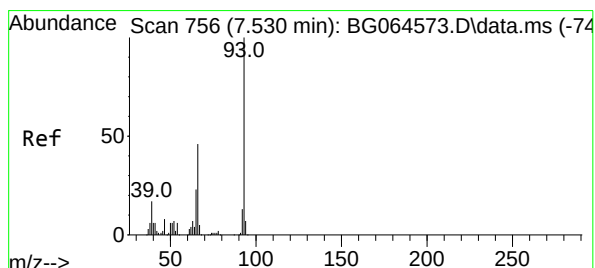
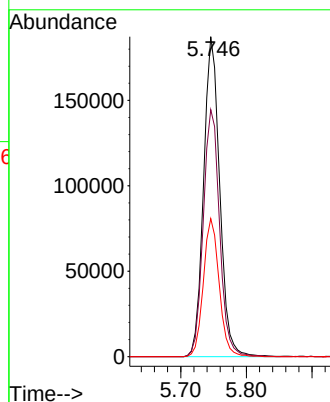
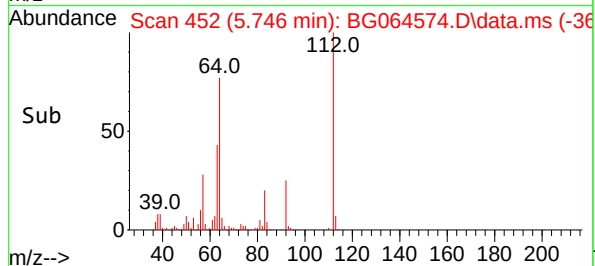


Tgt Ion: 112 Resp: 318446
Ion Ratio Lower Upper
112 100
64 77.2 60.7 91.1
63 43.1 33.4 50.0

Manual Integrations

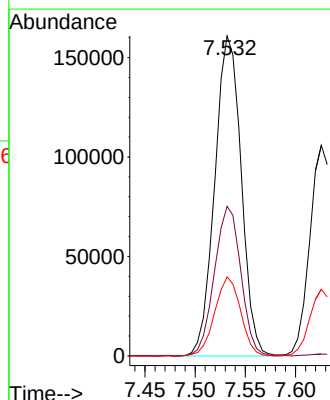
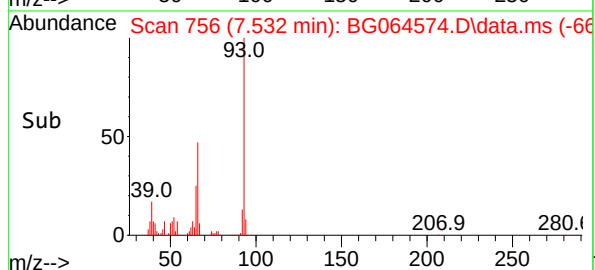
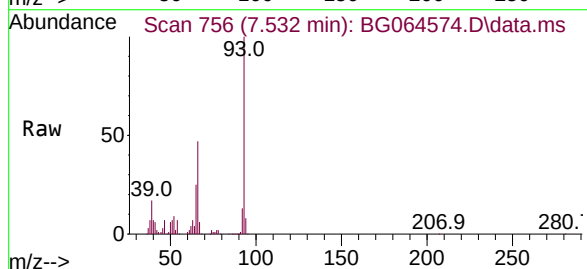
APPROVED

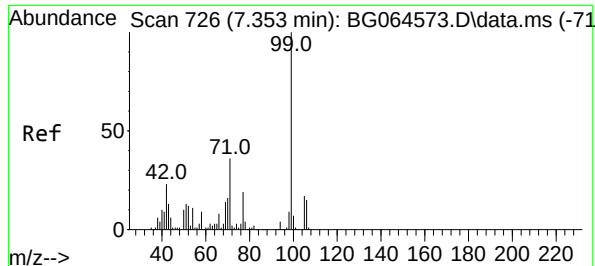
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#6
Aniline
Concen: 65.803 ng
RT: 7.532 min Scan# 756
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

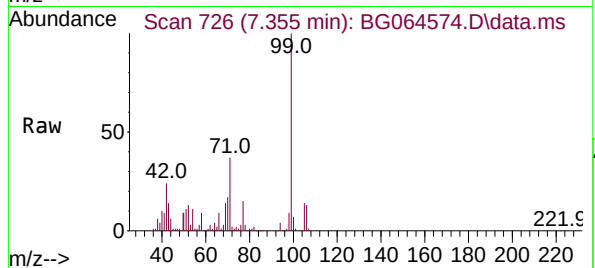
Tgt Ion: 93 Resp: 294791
Ion Ratio Lower Upper
93 100
66 46.7 37.0 55.6
65 24.7 18.3 27.5





#7
Phenol-d6
Concen: 136.821 ng
RT: 7.355 min Scan# 726
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

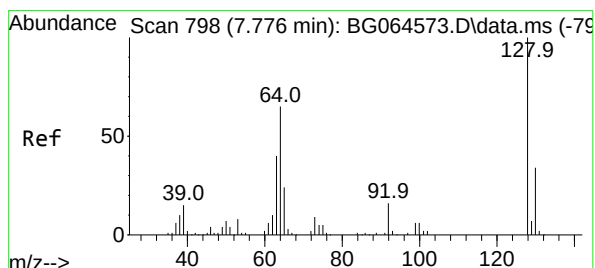
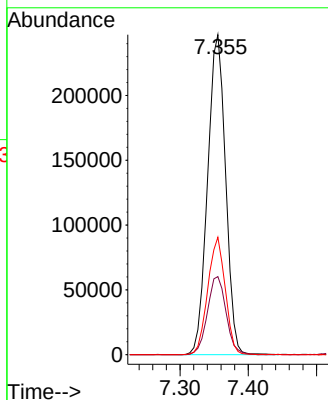
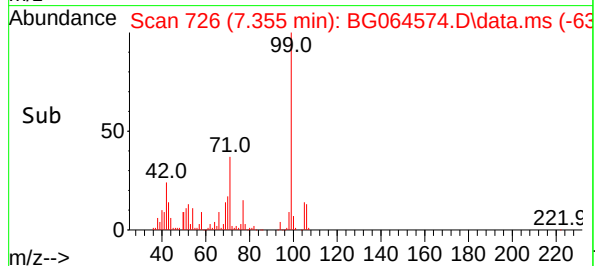
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion: 99 Resp: 450449
Ion Ratio Lower Upper
99 100
42 24.4 18.3 27.5
71 36.7 28.6 43.0

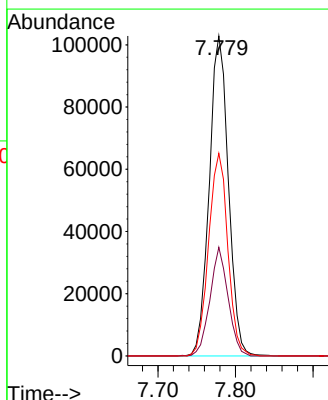
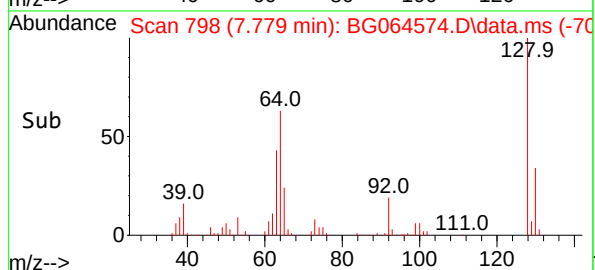
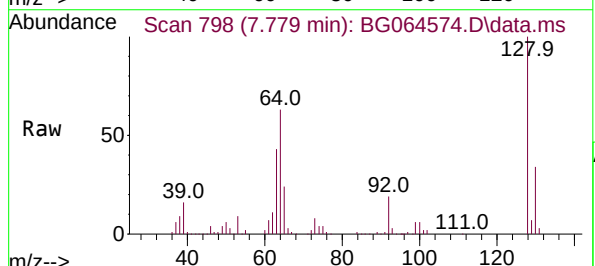
Manual Integrations
APPROVED

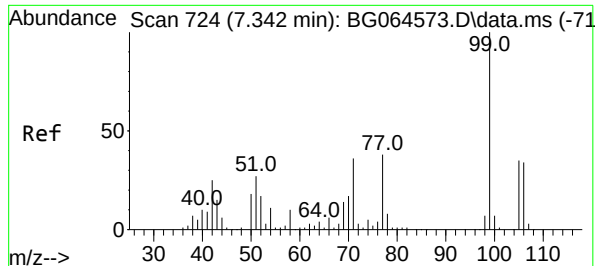
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#8
2-Chlorophenol
Concen: 70.297 ng
RT: 7.779 min Scan# 798
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:128 Resp: 176533
Ion Ratio Lower Upper
128 100
130 33.9 13.5 53.5
64 63.3 45.2 85.2





#9

Benzaldehyde

Concen: 65.963 ng

RT: 7.344 min Scan# 71

Delta R.T. 0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion: 77 Resp: 118559

Ion Ratio Lower Upper

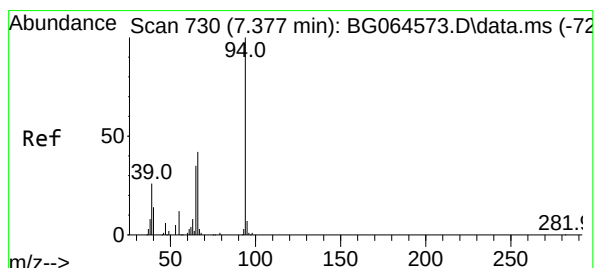
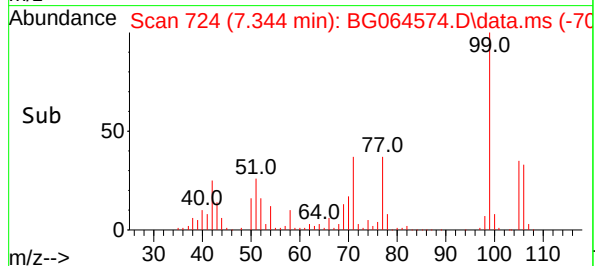
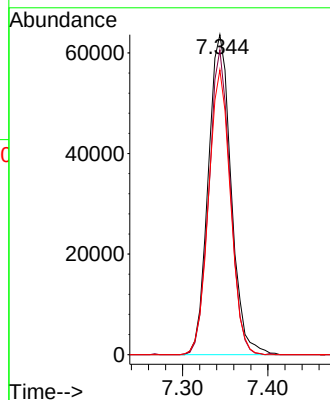
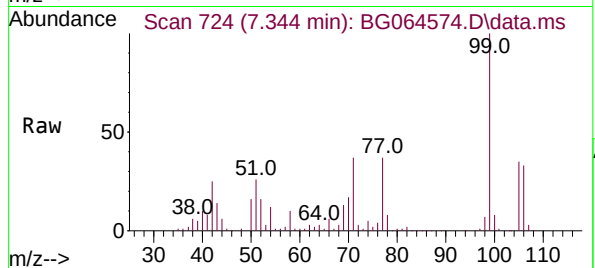
77 100

105 95.2 72.9 112.9

106 89.0 70.8 110.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#10

Phenol

Concen: 67.267 ng

RT: 7.379 min Scan# 730

Delta R.T. 0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

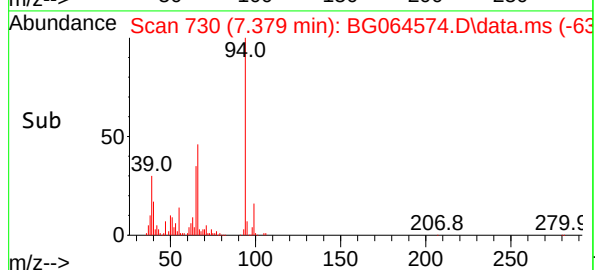
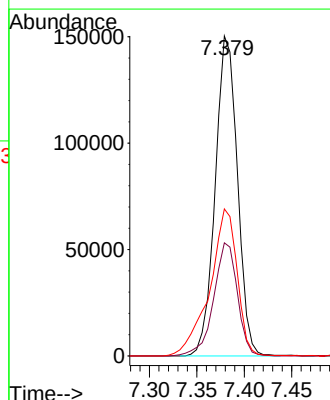
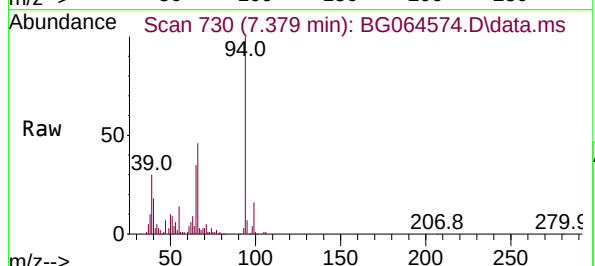
Tgt Ion: 94 Resp: 244914

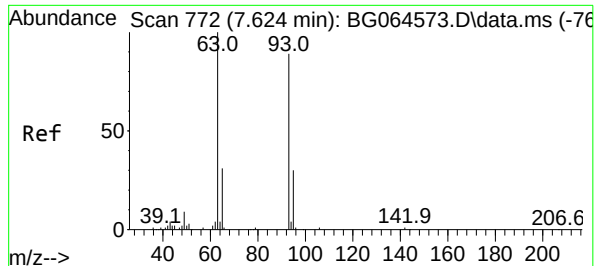
Ion Ratio Lower Upper

94 100

65 35.3 15.8 55.8

66 45.9 24.0 64.0





#11

bis(2-Chloroethyl)ether

Concen: 65.126 ng

RT: 7.626 min Scan# 772

Delta R.T. 0.002 min

Lab File: BG064574.D

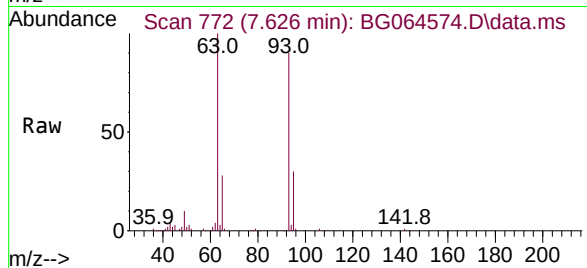
Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC060



Tgt Ion: 93 Resp: 17433

Ion Ratio Lower Upper

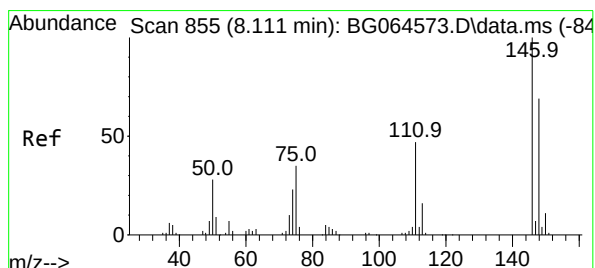
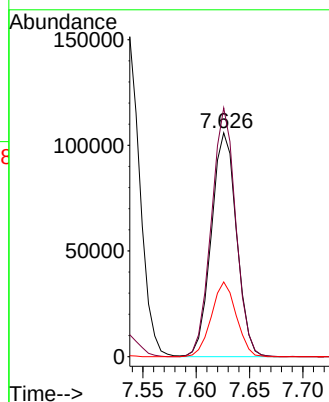
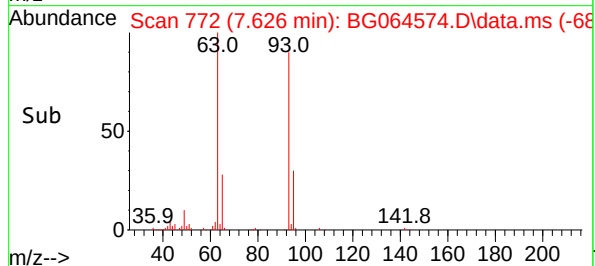
93 100

63 111.2 91.3 131.3

95 33.3 13.3 53.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#12

1,3-Dichlorobenzene

Concen: 64.452 ng

RT: 8.113 min Scan# 855

Delta R.T. 0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

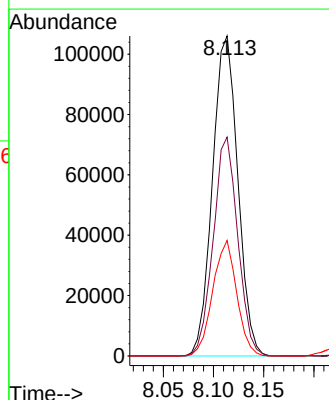
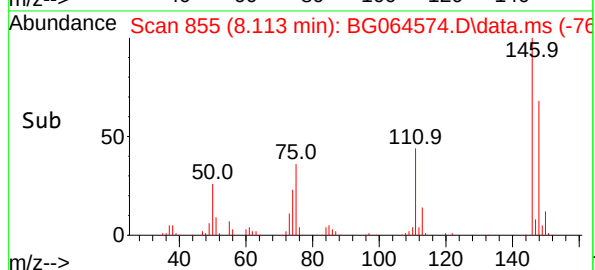
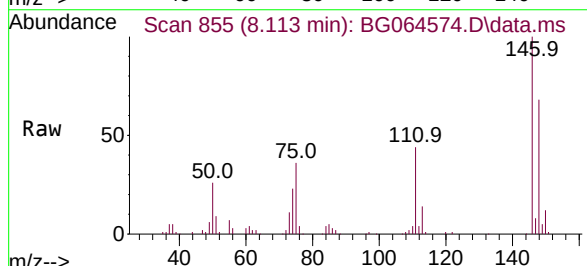
Tgt Ion:146 Resp: 186290

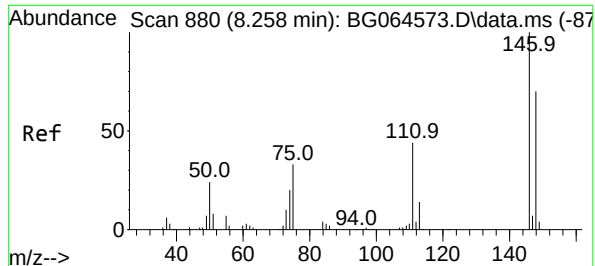
Ion Ratio Lower Upper

146 100

148 68.4 55.3 82.9

75 36.1 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 64.156 ng

RT: 8.254 min Scan# 81

Delta R.T. -0.004 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:146 Resp: 188553

Ion Ratio Lower Upper

146 100

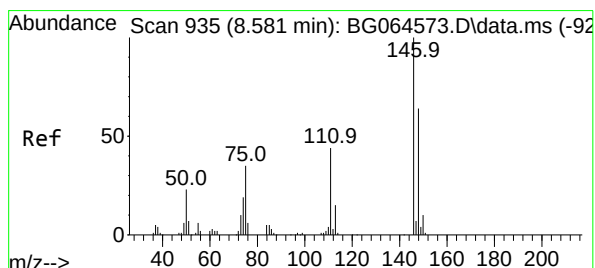
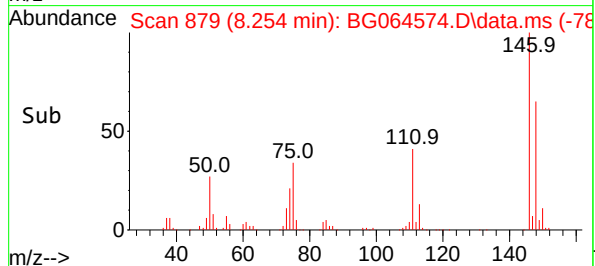
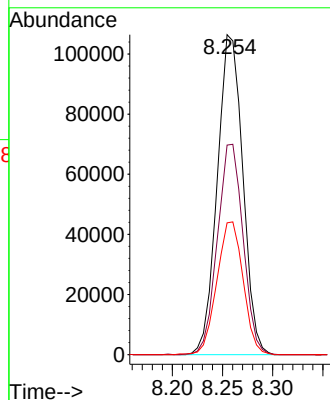
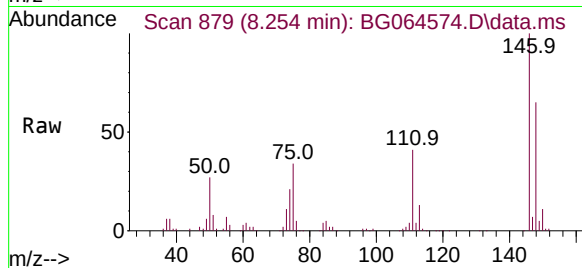
148 65.5 56.2 84.4

111 41.2 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025



#14

1,2-Dichlorobenzene

Concen: 64.766 ng

RT: 8.583 min Scan# 935

Delta R.T. 0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

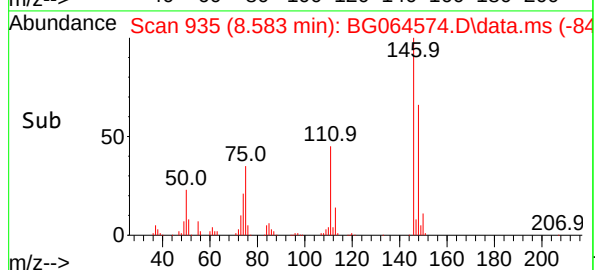
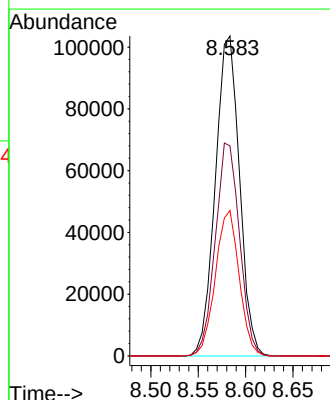
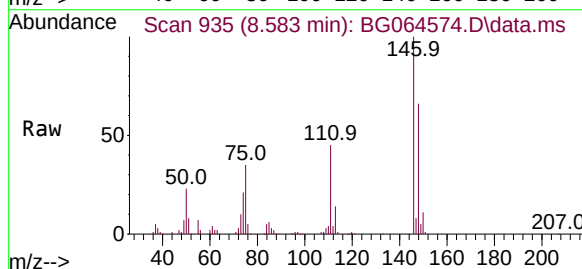
Tgt Ion:146 Resp: 183593

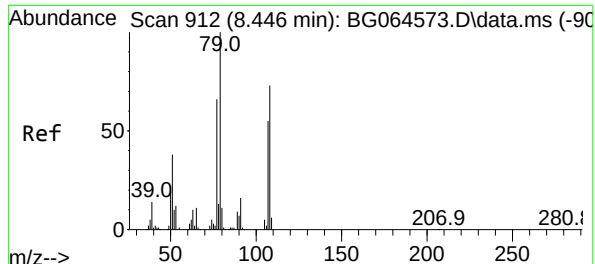
Ion Ratio Lower Upper

146 100

148 65.6 51.5 77.3

111 45.4 35.0 52.6





#15

Benzyl Alcohol

Concen: 68.201 ng

RT: 8.448 min Scan# 912

Delta R.T. 0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion: 79 Resp: 185152

Ion Ratio Lower Upper

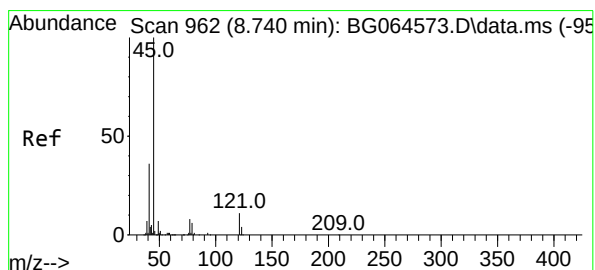
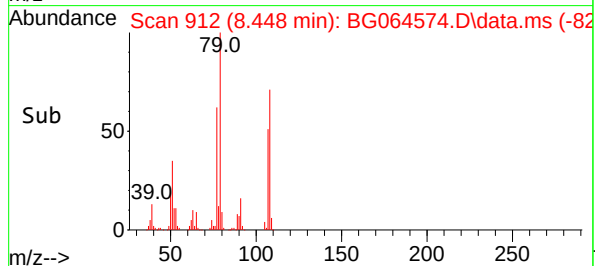
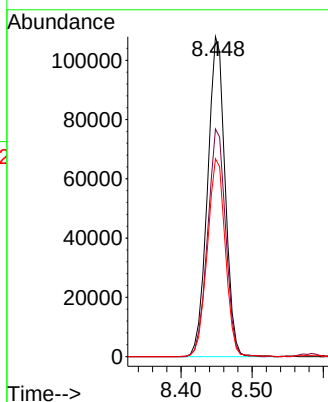
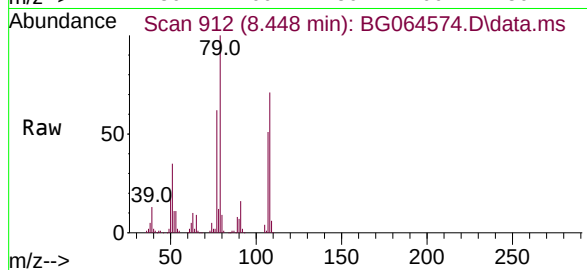
79 100

108 71.1 58.1 87.1

77 61.8 52.8 79.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#16

2,2'-oxybis(1-Chloropropane)

Concen: 65.410 ng

RT: 8.742 min Scan# 962

Delta R.T. 0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

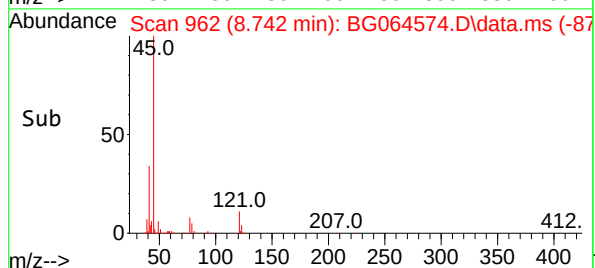
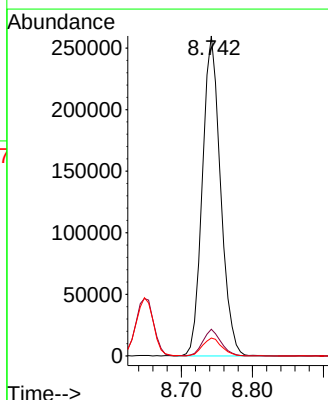
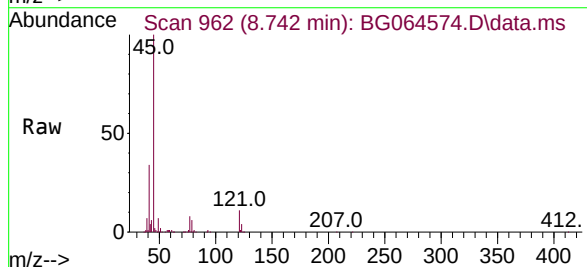
Tgt Ion: 45 Resp: 459295

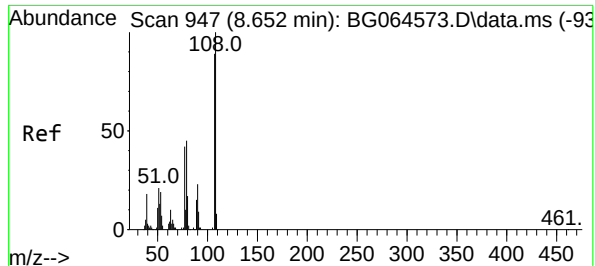
Ion Ratio Lower Upper

45 100

77 8.3 0.0 28.5

79 5.6 0.0 25.6





#17

2-Methylphenol

Concen: 67.237 ng

RT: 8.648 min Scan# 947

Delta R.T. -0.004 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:107 Resp: 162536

Ion Ratio Lower Upper

107 100

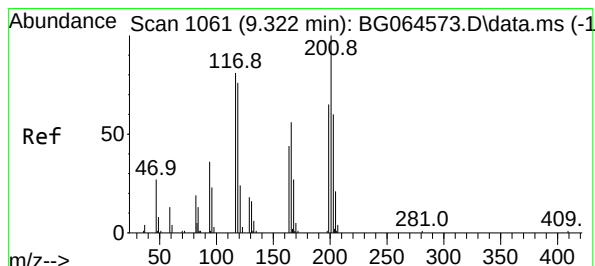
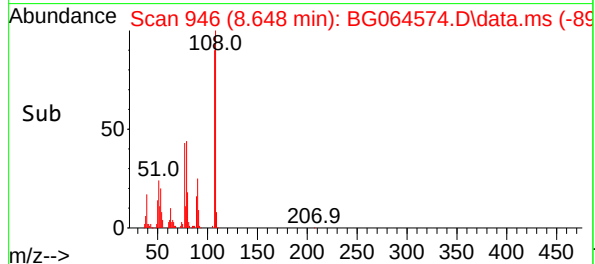
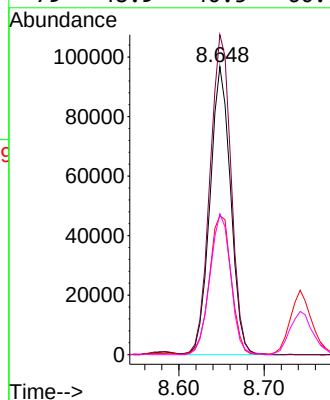
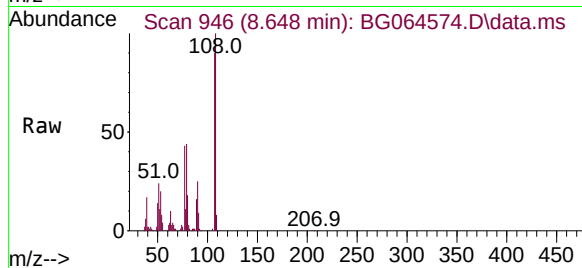
108 111.1 90.0 135.0

77 48.2 37.8 56.8

79 48.9 40.5 60.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#18

Hexachloroethane

Concen: 65.193 ng

RT: 9.324 min Scan# 1061

Delta R.T. 0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

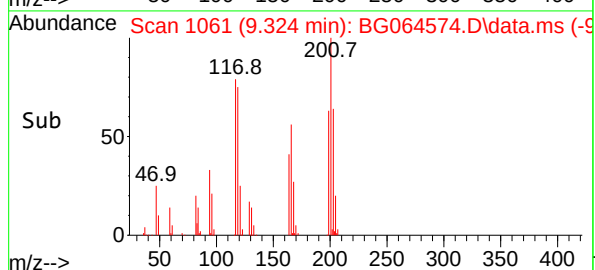
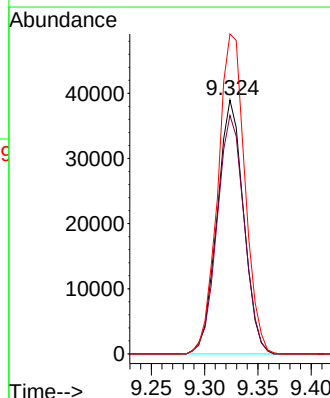
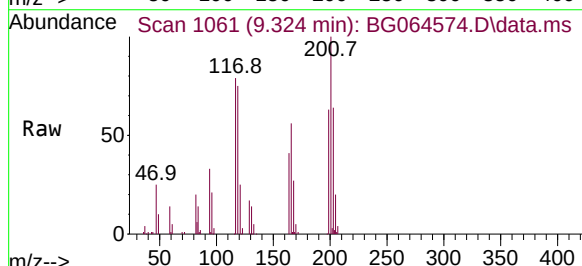
Tgt Ion:117 Resp: 67237

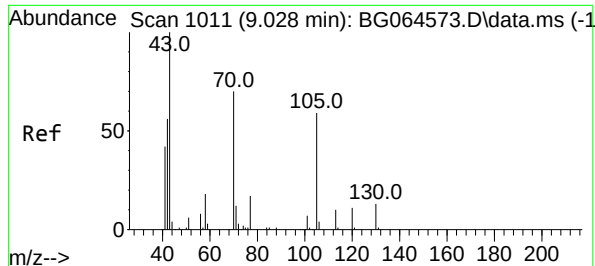
Ion Ratio Lower Upper

117 100

119 93.9 75.4 113.2

201 126.1 99.2 148.8





#19

n-Nitroso-di-n-propylamine

Concen: 68.424 ng

RT: 9.030 min Scan# 1011

Delta R.T. 0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 155683

Ion Ratio Lower Upper

70 100

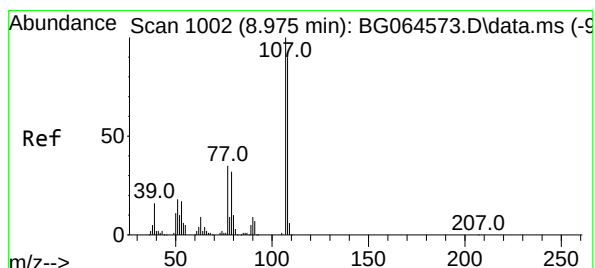
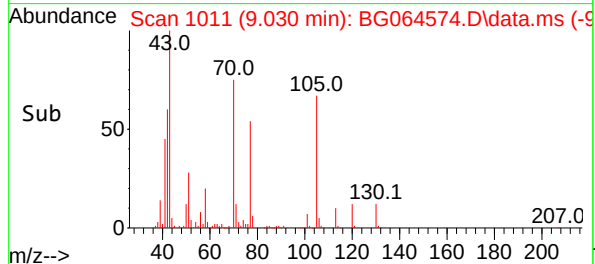
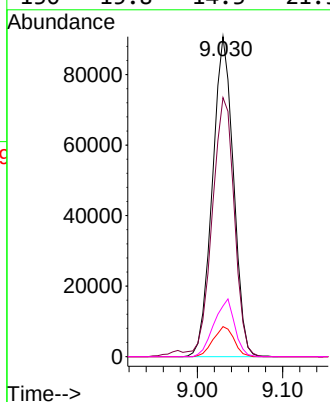
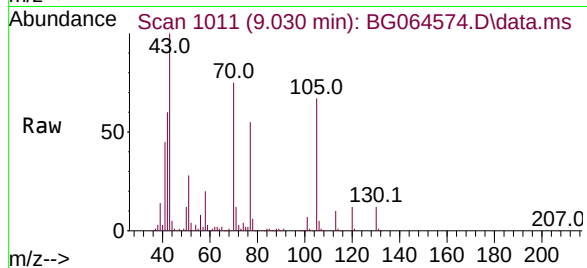
42 80.9 65.2 97.8

101 9.4 7.9 11.9

130 15.8 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#20

3+4-Methylphenols

Concen: 67.359 ng

RT: 8.983 min Scan# 1003

Delta R.T. 0.008 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Tgt Ion:107 Resp: 228995

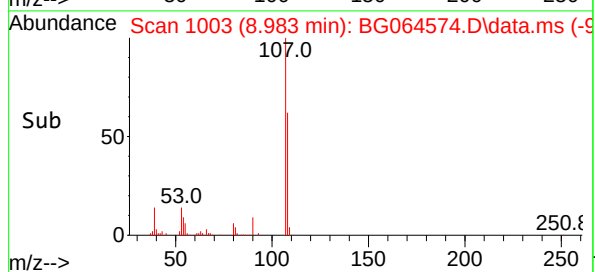
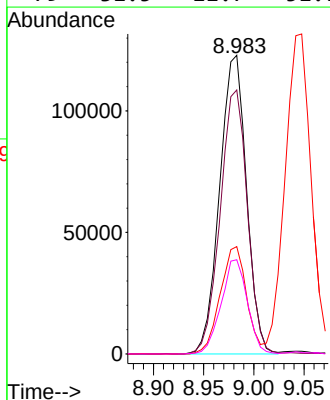
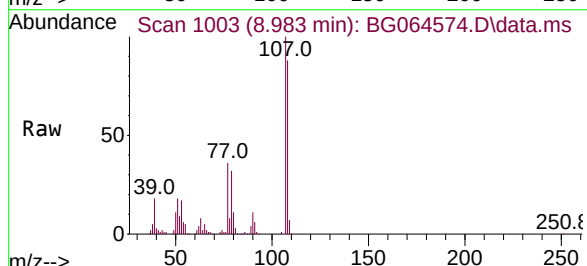
Ion Ratio Lower Upper

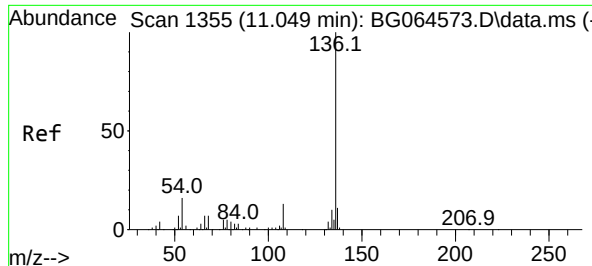
107 100

108 88.4 70.3 110.3

77 35.9 14.6 54.6

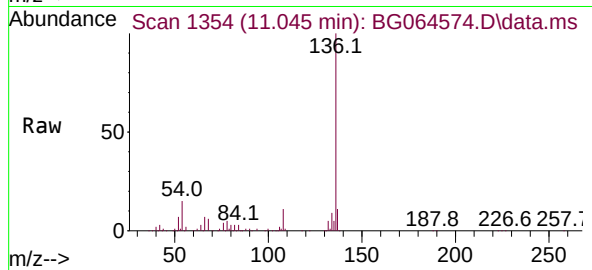
79 31.5 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.045 min Scan# 1355
Delta R.T. -0.004 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

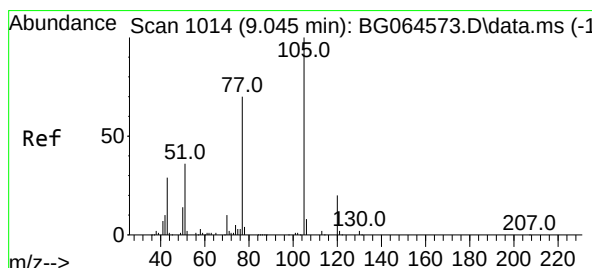
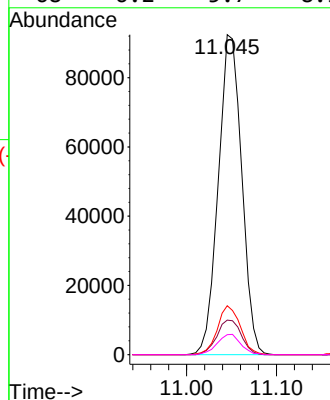
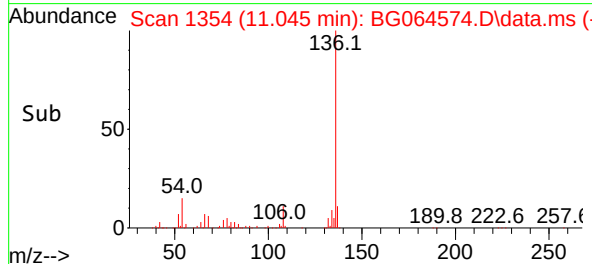
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:136 Resp: 168005
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 15.3 12.6 19.0
68 6.2 5.7 8.5

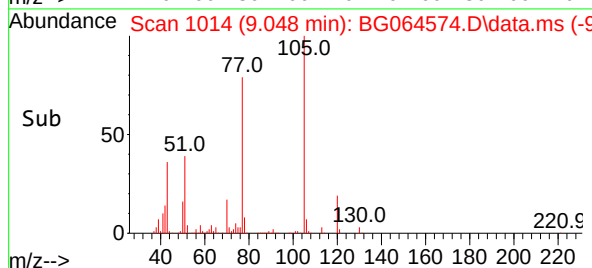
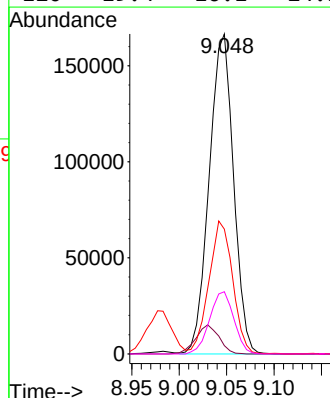
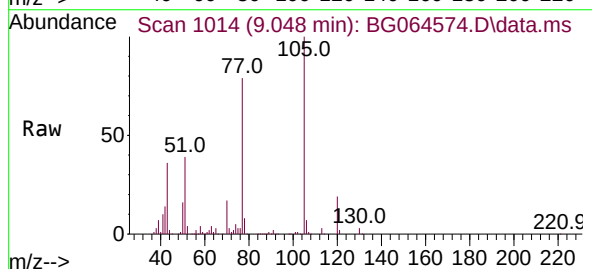
Manual Integrations
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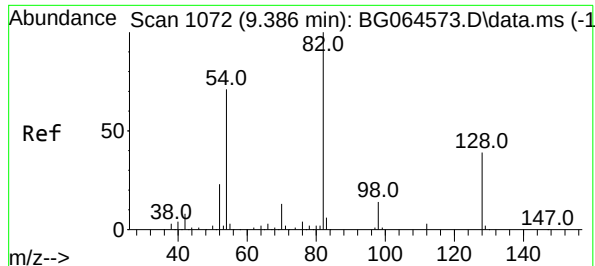
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#22
Acetophenone
Concen: 64.759 ng
RT: 9.048 min Scan# 1014
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:105 Resp: 297413
Ion Ratio Lower Upper
105 100
71 2.6 1.5 2.3#
51 39.0 33.7 50.5
120 19.4 16.1 24.1





#23

Nitrobenzene-d5

Concen: 145.243 ng

RT: 9.388 min Scan# 1072

Delta R.T. 0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 406268

Ion Ratio Lower Upper

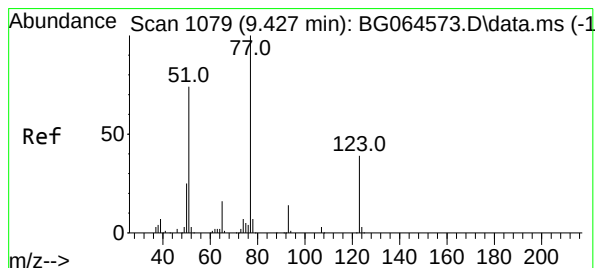
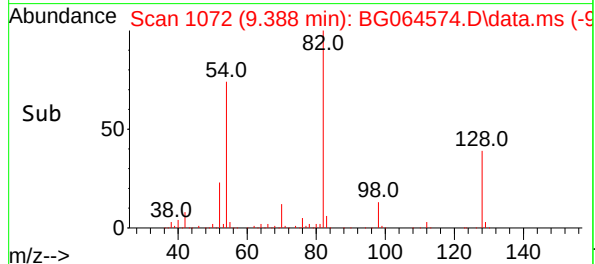
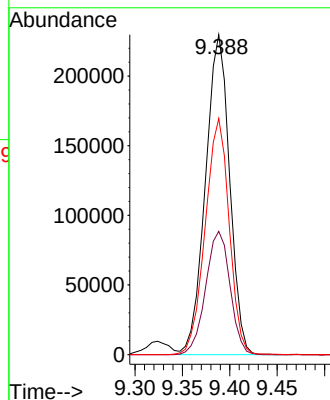
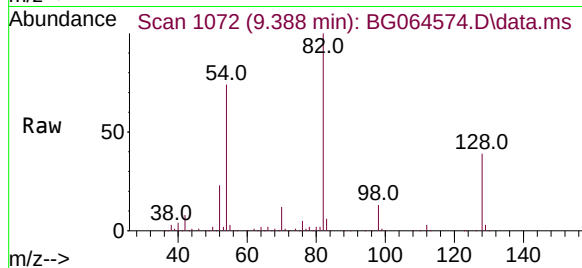
82 100

128 38.5 31.3 46.9

54 73.8 56.6 84.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#24

Nitrobenzene

Concen: 72.567 ng

RT: 9.430 min Scan# 1079

Delta R.T. 0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

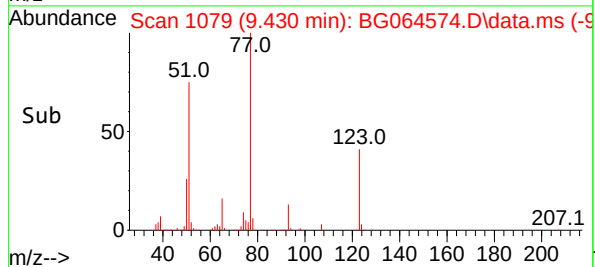
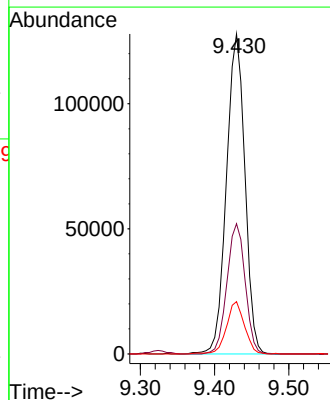
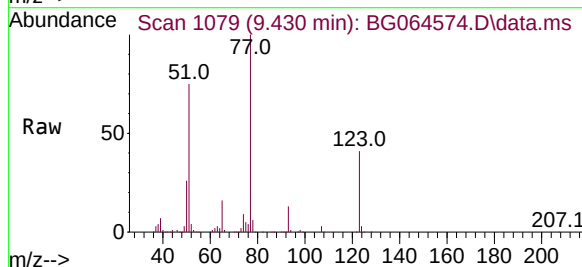
Tgt Ion: 77 Resp: 220774

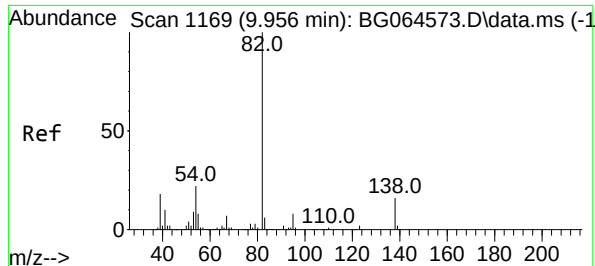
Ion Ratio Lower Upper

77 100

123 40.7 31.0 46.6

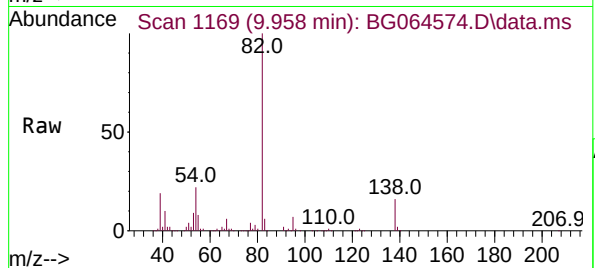
65 16.3 12.7 19.1





#25
Isophorone
Concen: 66.940 ng
RT: 9.958 min Scan# 1169
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

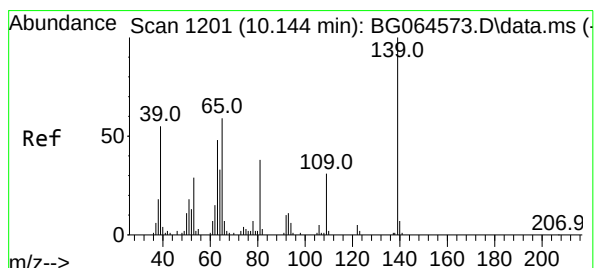
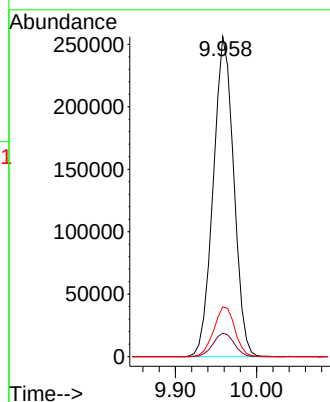
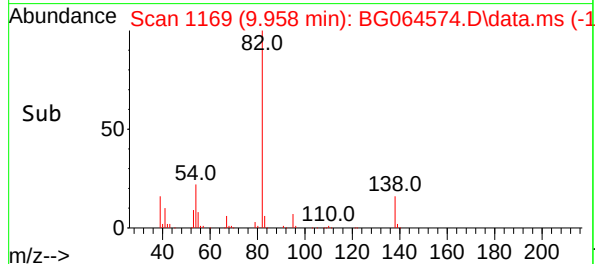
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



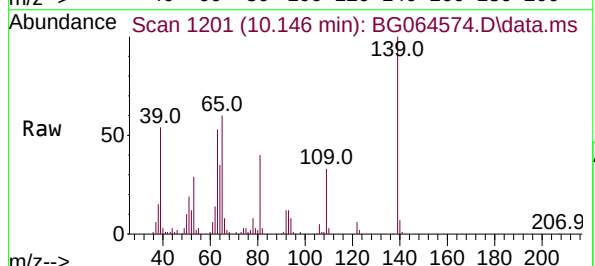
Tgt Ion: 82 Resp: 449298
Ion Ratio Lower Upper
82 100
95 7.3 6.1 9.1
138 15.6 13.0 19.4

Manual Integrations
APPROVED

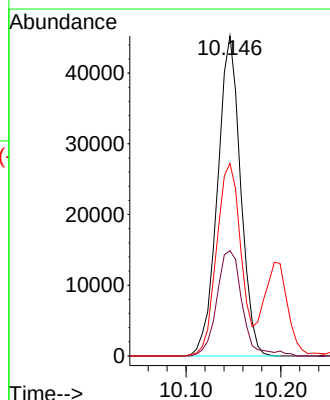
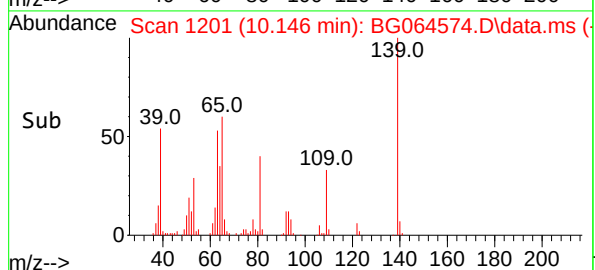
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

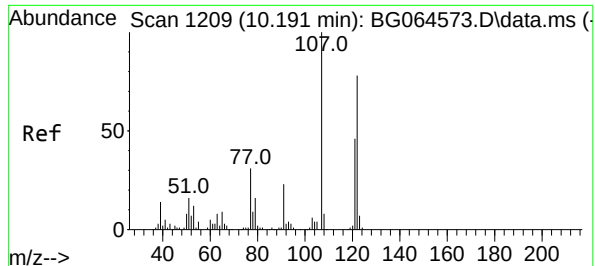


#26
2-Nitrophenol
Concen: 63.945 ng
RT: 10.146 min Scan# 1201
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44



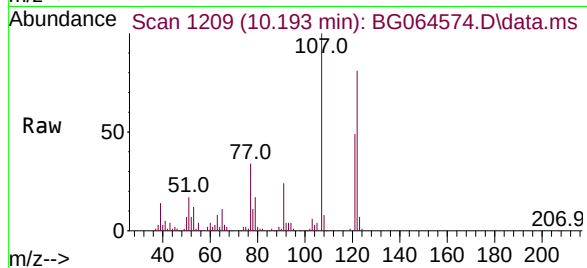
Tgt Ion:139 Resp: 76368
Ion Ratio Lower Upper
139 100
109 32.9 24.6 37.0
65 60.1 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 69.317 ng
RT: 10.193 min Scan# 1209
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

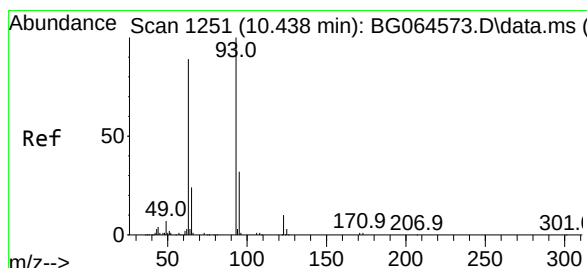
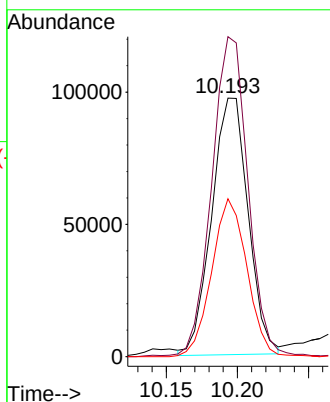
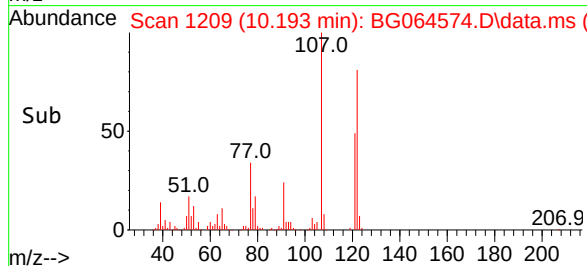
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:122 Resp: 173063
Ion Ratio Lower Upper
122 100
107 123.8 103.0 154.4
121 61.1 47.8 71.8

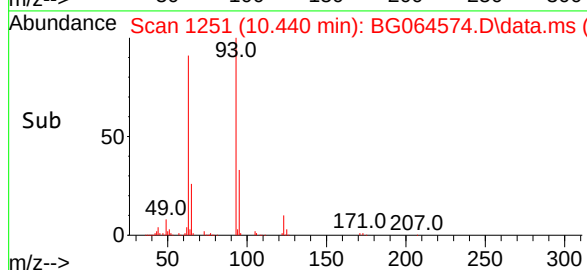
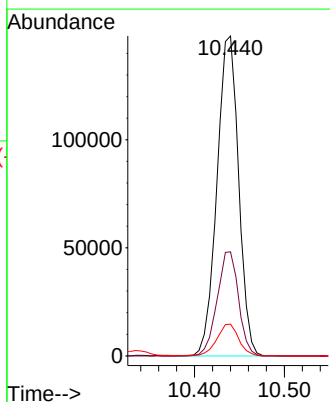
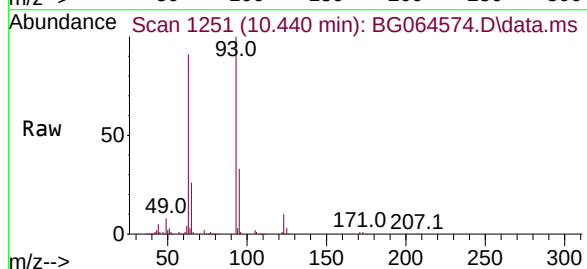
Manual Integrations
APPROVED

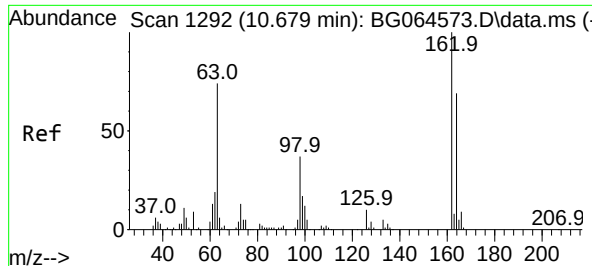
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#28
bis(2-Chloroethoxy)methane
Concen: 65.078 ng
RT: 10.440 min Scan# 1251
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion: 93 Resp: 248699
Ion Ratio Lower Upper
93 100
95 32.5 25.4 38.2
123 9.9 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 70.056 ng

RT: 10.681 min Scan# 1292

Delta R.T. 0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:162 Resp: 18823

Ion Ratio Lower Upper

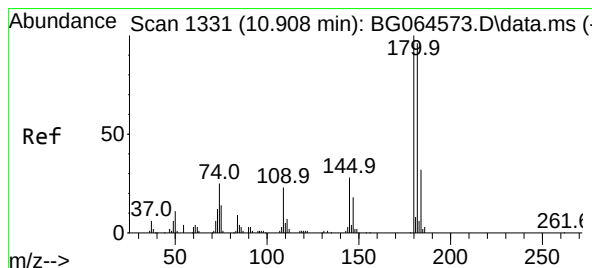
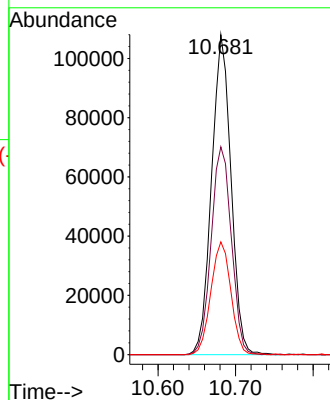
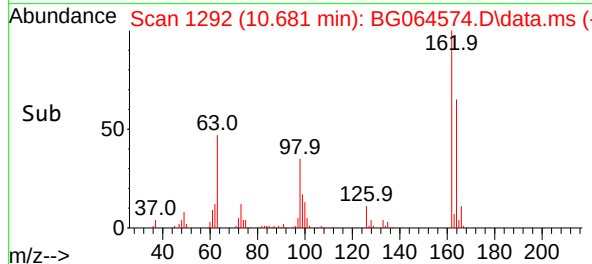
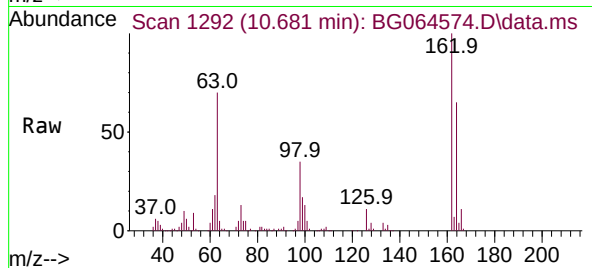
162 100

164 64.9 48.7 88.7

98 35.2 16.9 56.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#30

1,2,4-Trichlorobenzene

Concen: 65.837 ng

RT: 10.904 min Scan# 1330

Delta R.T. -0.004 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

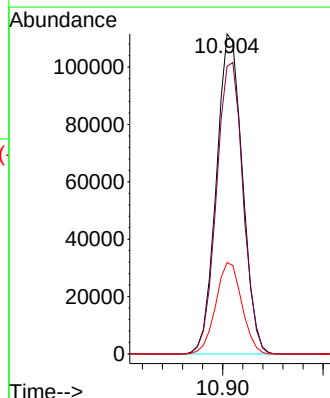
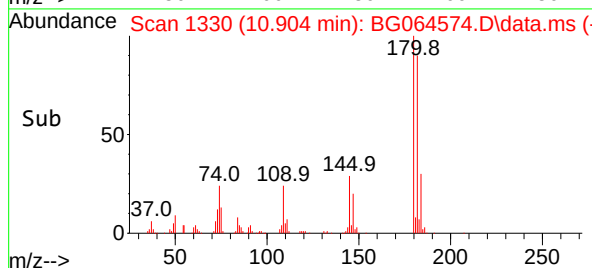
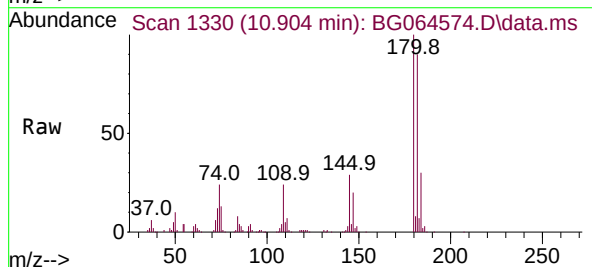
Tgt Ion:180 Resp: 200988

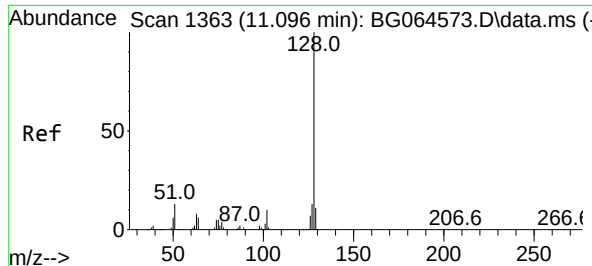
Ion Ratio Lower Upper

180 100

182 89.9 76.9 115.3

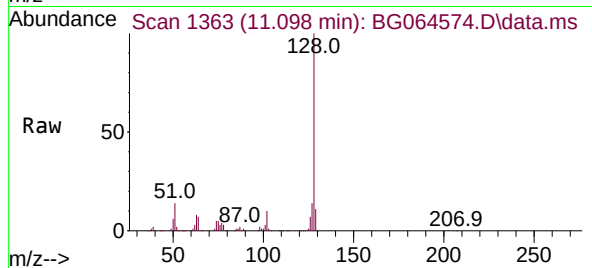
145 28.5 22.1 33.1





#31
Naphthalene
Concen: 64.976 ng
RT: 11.098 min Scan# 1363
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

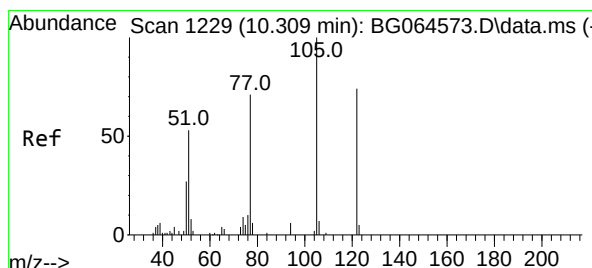
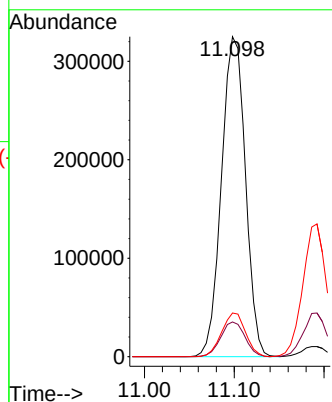
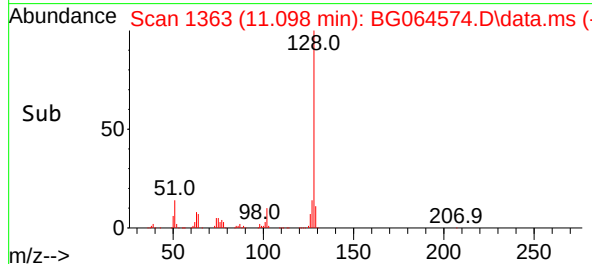
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:128 Resp: 605239
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.6 10.6 15.8

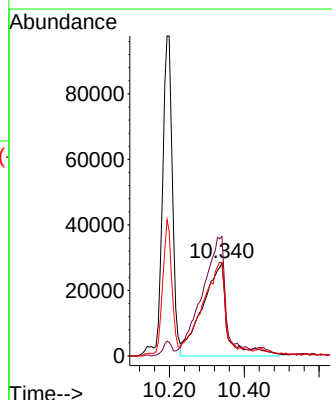
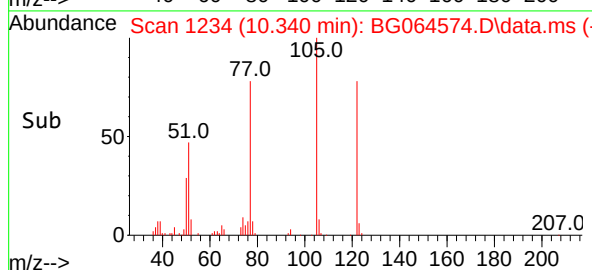
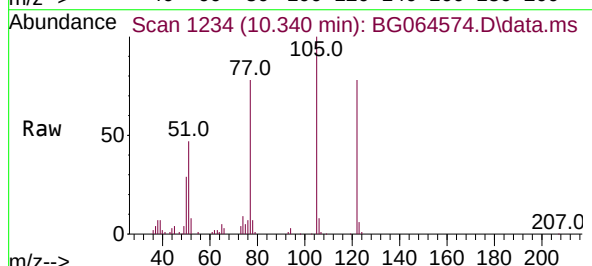
Manual Integrations
APPROVED

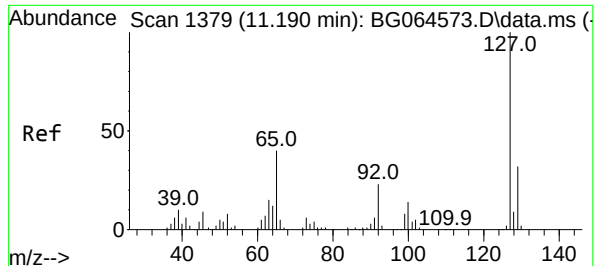
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#32
Benzoic acid
Concen: 65.612 ng m
RT: 10.340 min Scan# 1234
Delta R.T. 0.031 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

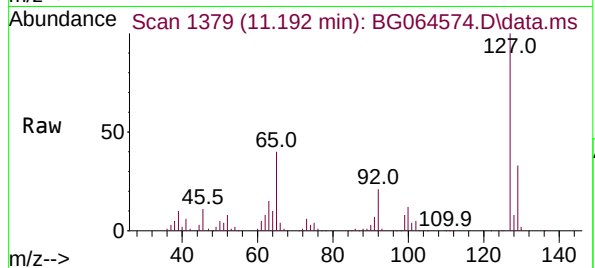
Tgt Ion:122 Resp: 130898
Ion Ratio Lower Upper
122 100
105 128.3 104.2 144.2
77 99.8 70.2 110.2





#33
4-Chloroaniline
Concen: 67.699 ng
RT: 11.192 min Scan# 1379
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

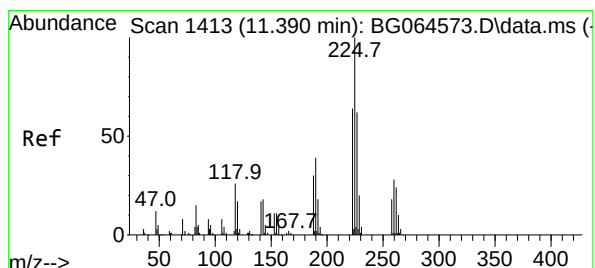
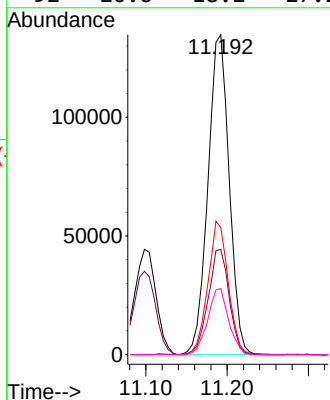
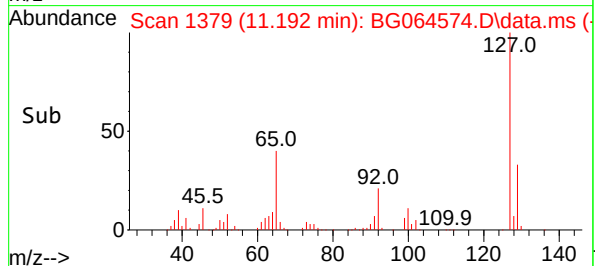
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:127 Resp: 245103
Ion Ratio Lower Upper
127 100
129 32.9 25.5 38.3
65 39.7 32.2 48.4
92 20.6 18.2 27.2

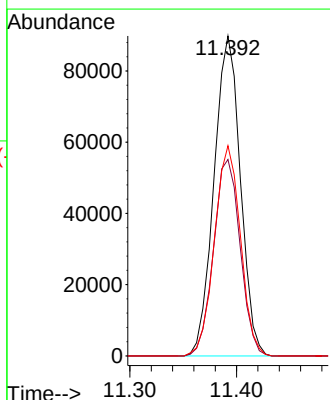
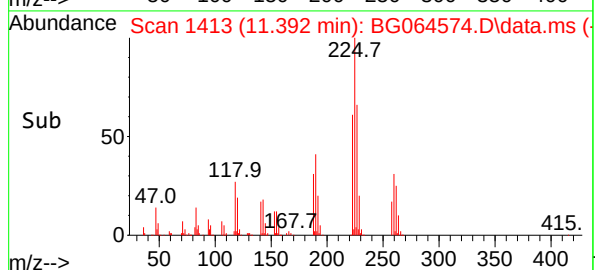
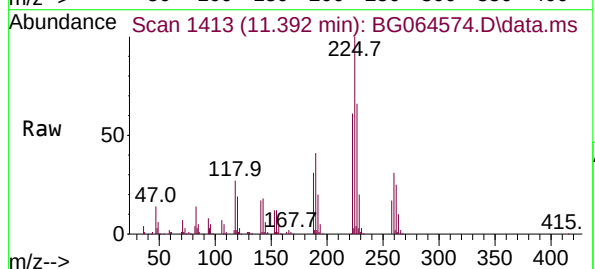
Manual Integrations
APPROVED

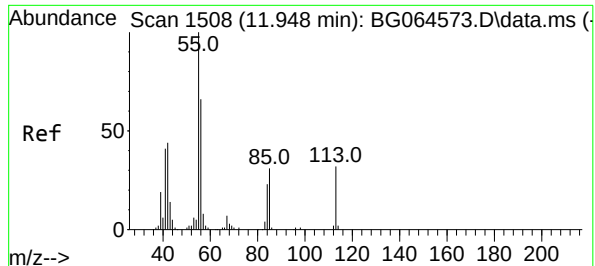
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#34
Hexachlorobutadiene
Concen: 64.630 ng
RT: 11.392 min Scan# 1413
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

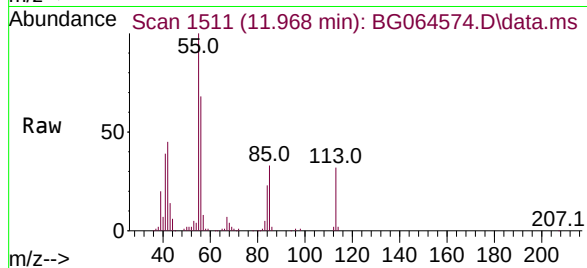
Tgt Ion:225 Resp: 154303
Ion Ratio Lower Upper
225 100
223 61.4 48.8 73.2
227 65.7 49.5 74.3





#35
Caprolactam
Concen: 69.206 ng
RT: 11.968 min Scan# 1511
Delta R.T. 0.020 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

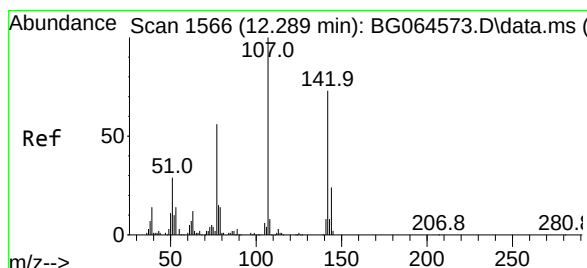
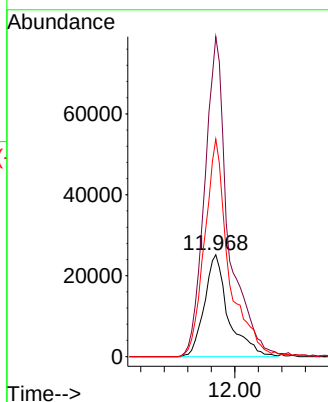
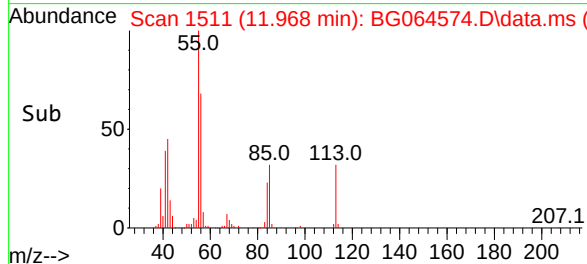
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:113 Resp: 71319
Ion Ratio Lower Upper
113 100
55 314.3 290.1 330.1
56 213.7 183.8 223.8

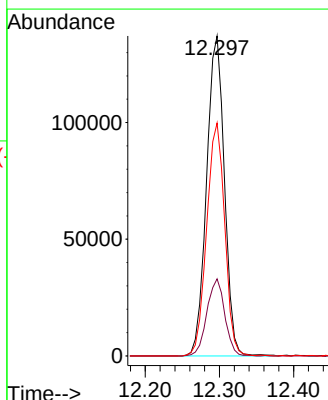
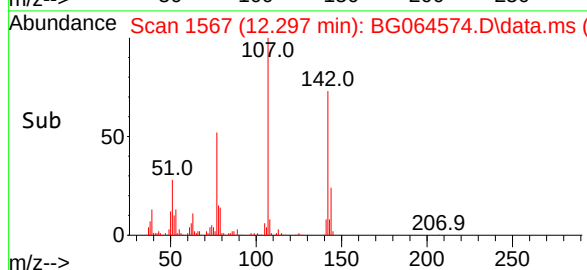
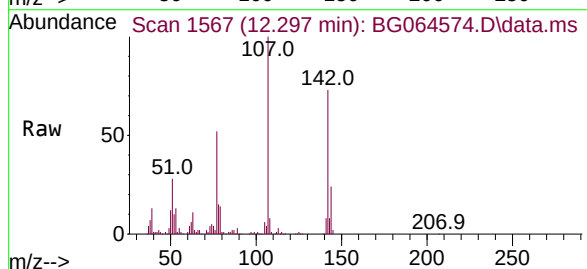
Manual Integrations
APPROVED

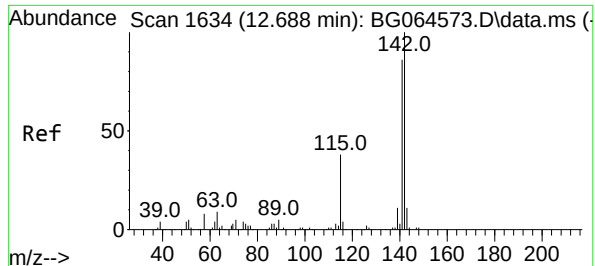
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#36
4-Chloro-3-methylphenol
Concen: 70.853 ng
RT: 12.297 min Scan# 1567
Delta R.T. 0.008 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

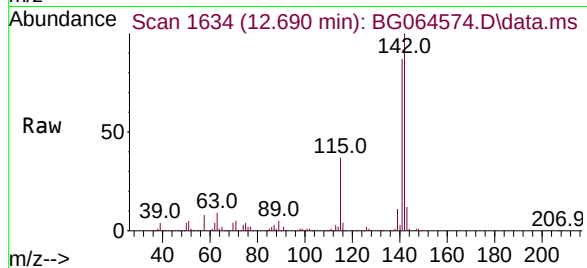
Tgt Ion:107 Resp: 228833
Ion Ratio Lower Upper
107 100
144 24.1 19.1 28.7
142 72.8 58.6 87.8





#37
2-Methylnaphthalene
Concen: 65.435 ng
RT: 12.690 min Scan# 1634
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

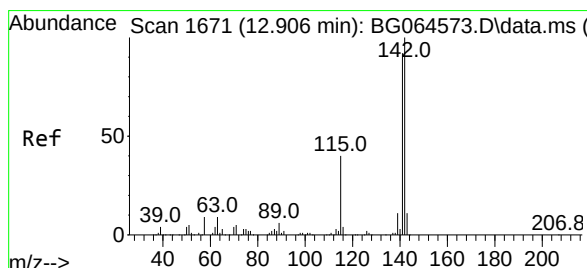
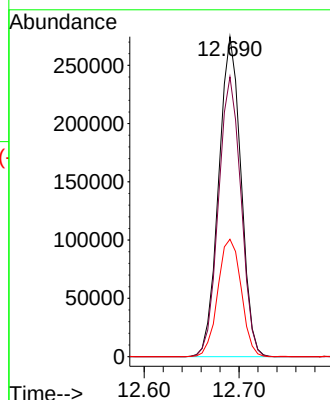
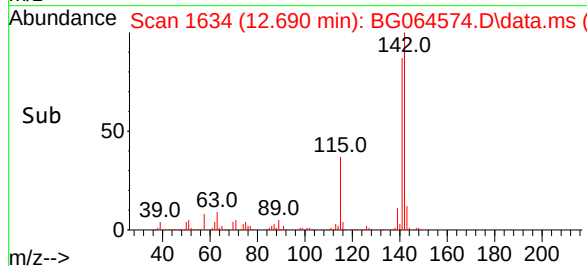
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



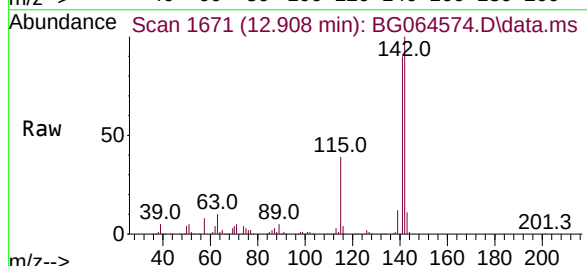
Tgt Ion:142 Resp: 447497
Ion Ratio Lower Upper
142 100
141 87.4 68.9 103.3
115 36.7 30.6 46.0

Manual Integrations
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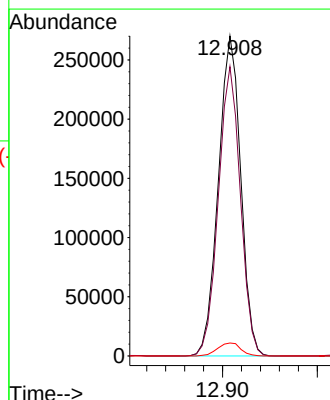
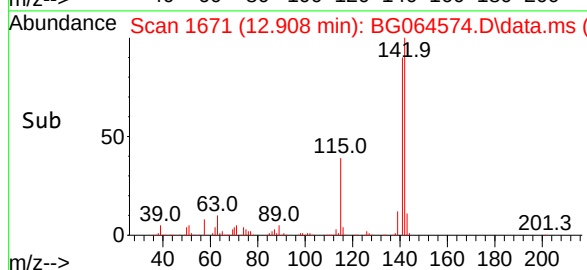
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

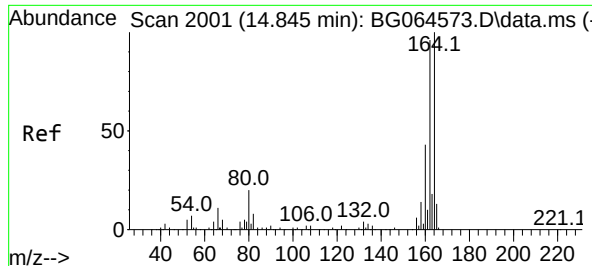


#38
1-Methylnaphthalene
Concen: 65.402 ng
RT: 12.908 min Scan# 1671
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44



Tgt Ion:142 Resp: 442677
Ion Ratio Lower Upper
142 100
141 90.4 73.3 109.9
116 4.0 3.1 4.7





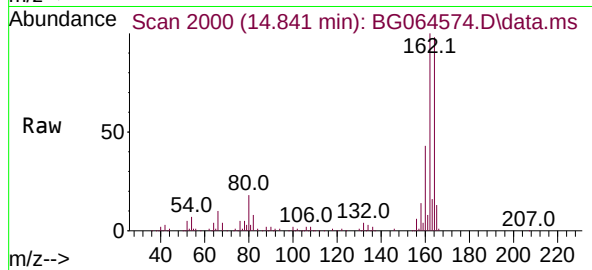
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.841 min Scan# 2001
Delta R.T. -0.004 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

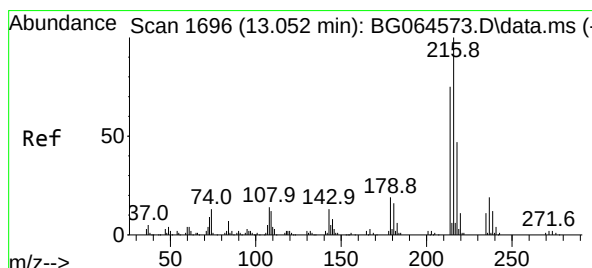
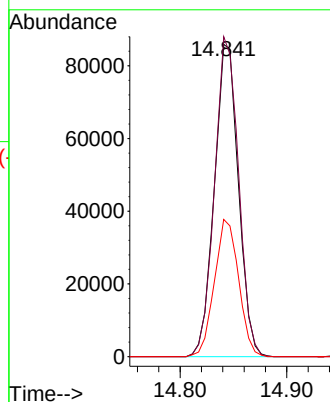
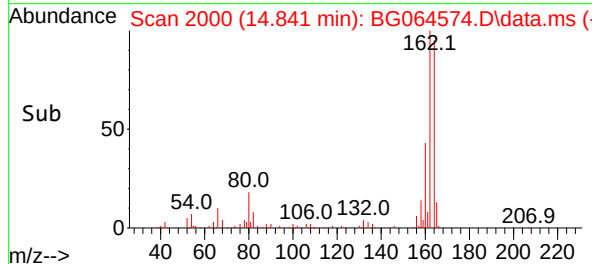


Tgt Ion:164 Resp: 134994
Ion Ratio Lower Upper
164 100
162 102.5 77.0 115.6
160 43.9 34.4 51.6

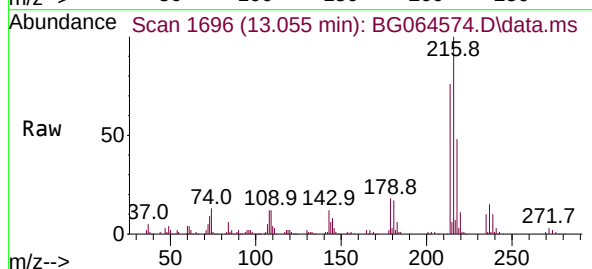
Manual Integrations

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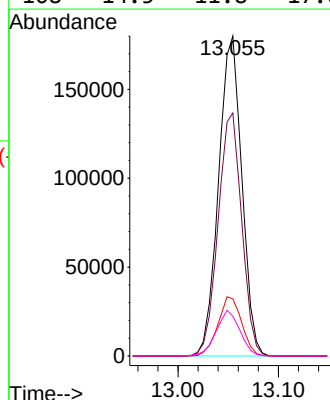
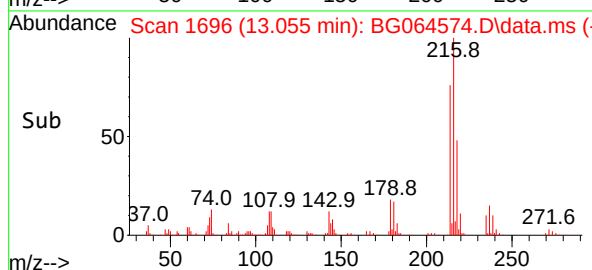
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

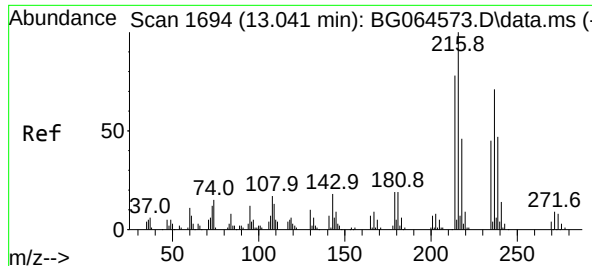


#40
1,2,4,5-Tetrachlorobenzene
Concen: 64.049 ng
RT: 13.055 min Scan# 1696
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44



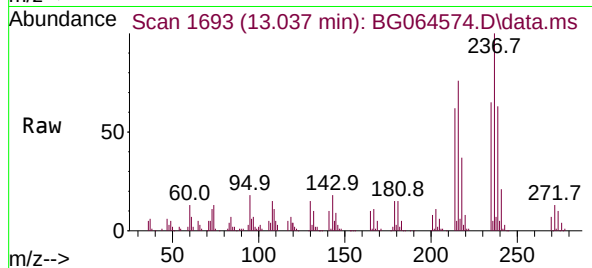
Tgt Ion:216 Resp: 290173
Ion Ratio Lower Upper
216 100
214 77.0 61.4 92.2
179 18.8 15.4 23.0
108 14.5 11.8 17.6





#41
Hexachlorocyclopentadiene
Concen: 67.540 ng
RT: 13.037 min Scan# 1693
Delta R.T. -0.004 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

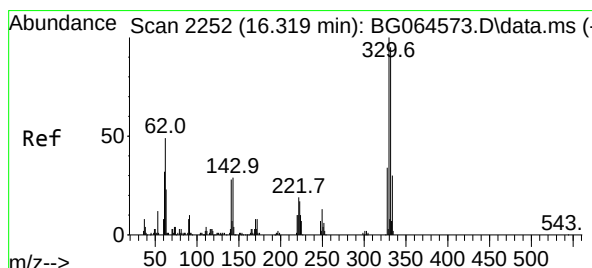
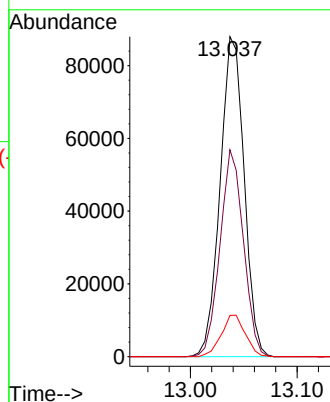
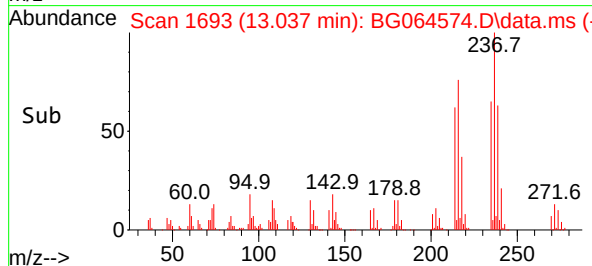
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:237 Resp: 13772
Ion Ratio Lower Upper
237 100
235 64.6 44.1 84.1
272 12.9 0.0 32.4

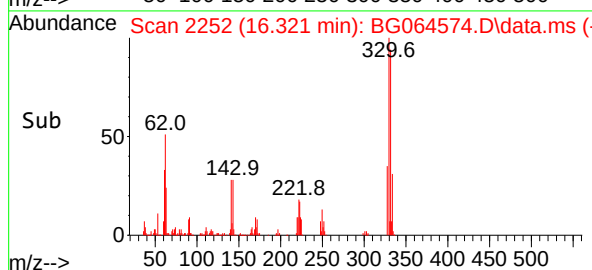
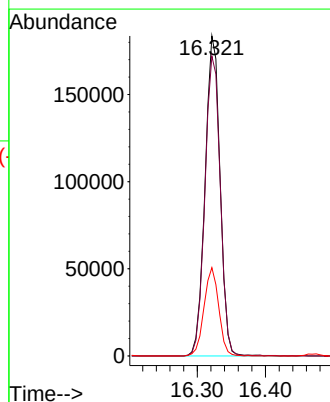
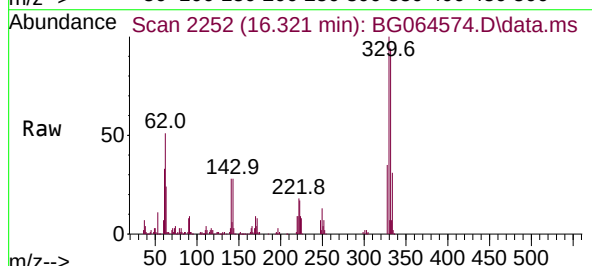
Manual Integrations
APPROVED

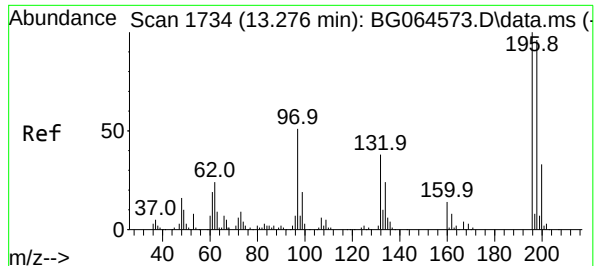
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#42
2,4,6-Tribromophenol
Concen: 143.807 ng
RT: 16.321 min Scan# 2252
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:330 Resp: 280190
Ion Ratio Lower Upper
330 100
332 95.9 78.0 117.0
141 27.0 21.8 32.6





#43

2,4,6-Trichlorophenol

Concen: 71.299 ng

RT: 13.278 min Scan# 1734

Delta R.T. 0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:196 Resp: 18477

Ion Ratio Lower Upper

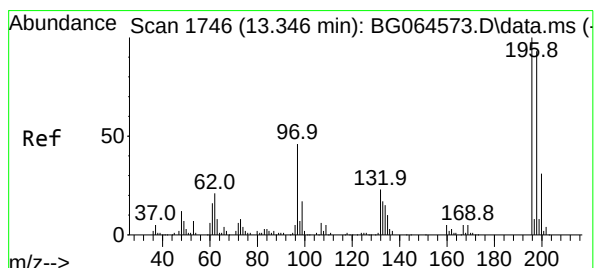
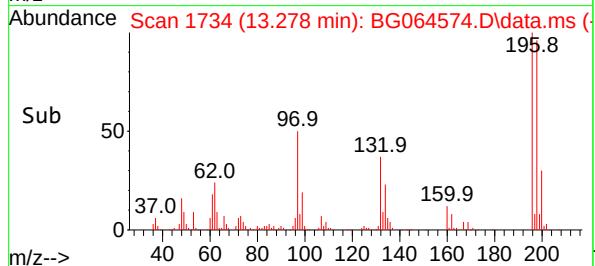
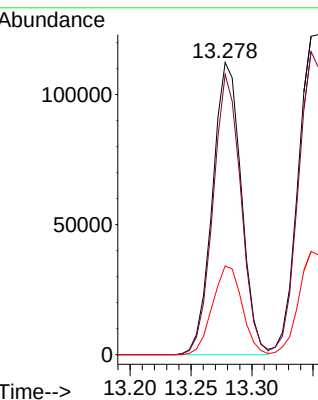
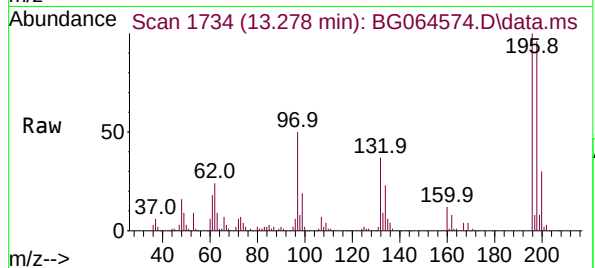
196 100

198 95.9 76.6 115.0

200 30.4 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#44

2,4,5-Trichlorophenol

Concen: 69.994 ng

RT: 13.354 min Scan# 1747

Delta R.T. 0.008 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Tgt Ion:196 Resp: 209320

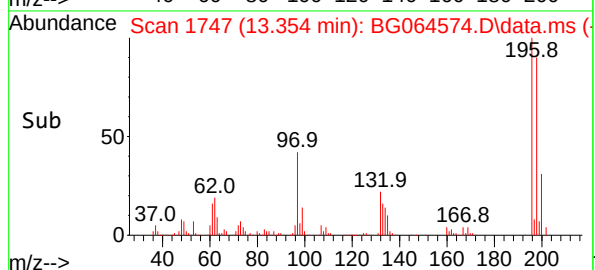
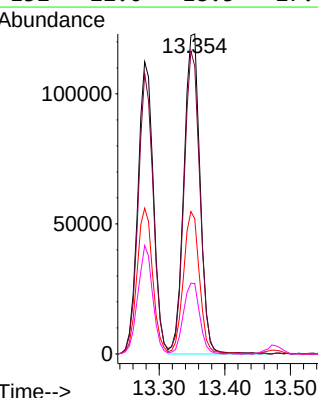
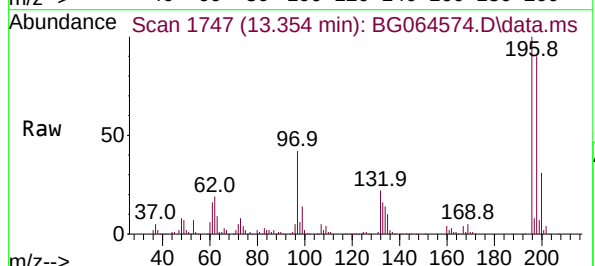
Ion Ratio Lower Upper

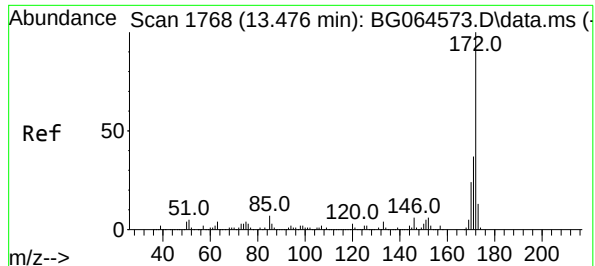
196 100

198 89.8 74.2 111.4

97 42.2 37.0 55.6

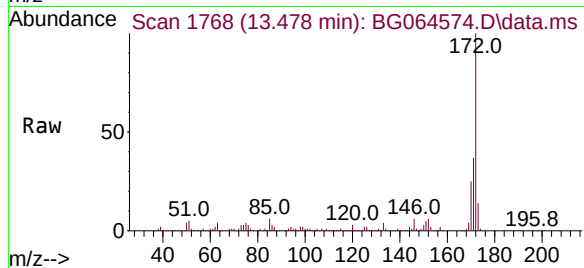
132 22.0 18.5 27.7





#45
2-Fluorobiphenyl
Concen: 125.867 ng
RT: 13.478 min Scan# 1768
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

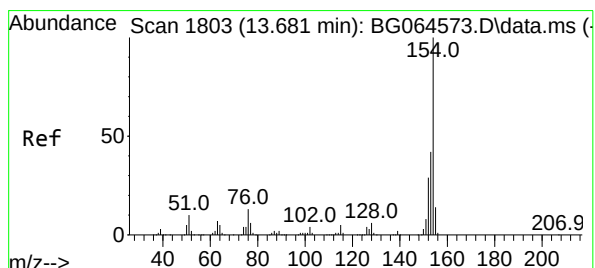
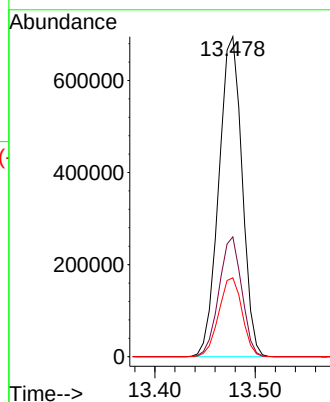
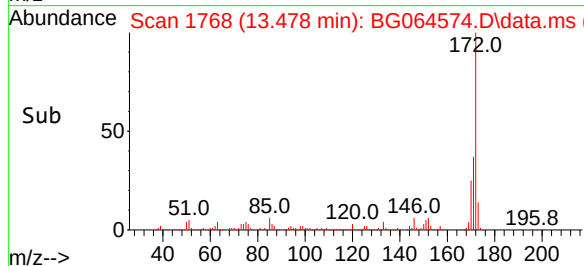
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



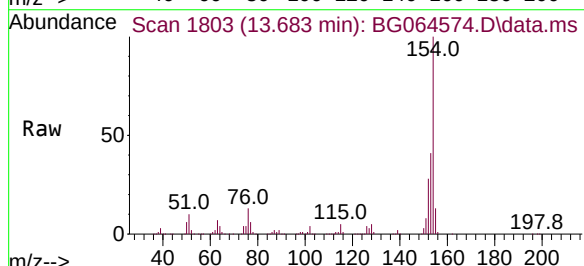
Tgt Ion:172 Resp: 1120989
Ion Ratio Lower Upper
172 100
171 37.4 29.4 44.0
170 24.6 19.1 28.7

Manual Integrations
APPROVED

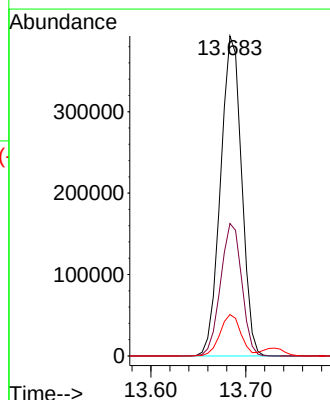
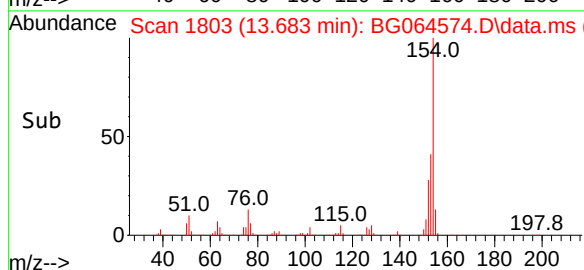
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

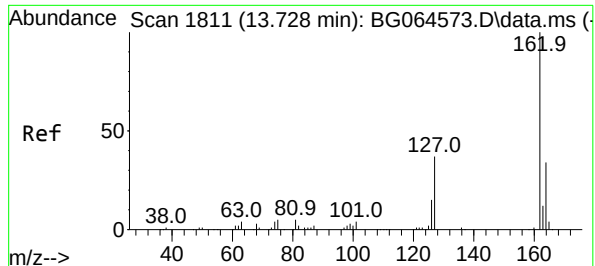


#46
1,1'-Biphenyl
Concen: 63.233 ng
RT: 13.683 min Scan# 1803
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44



Tgt Ion:154 Resp: 606860
Ion Ratio Lower Upper
154 100
153 41.4 22.4 62.4
76 12.9 0.0 33.5





#47

2-Chloronaphthalene

Concen: 64.022 ng

RT: 13.730 min Scan# 1811

Delta R.T. 0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

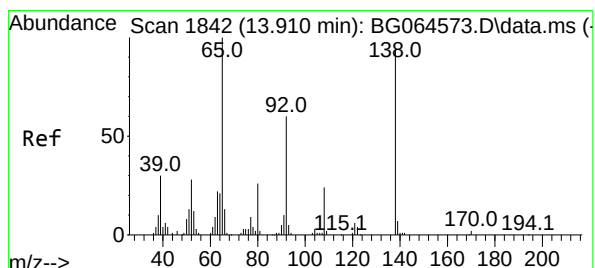
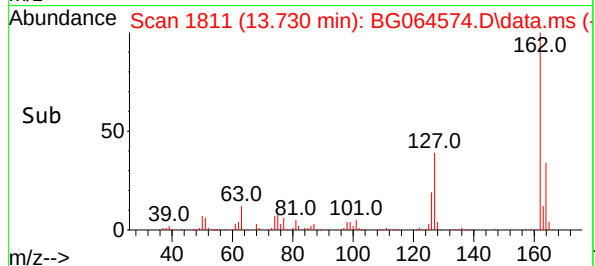
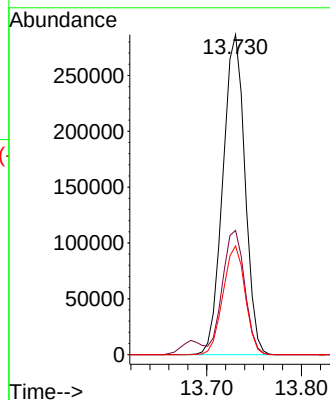
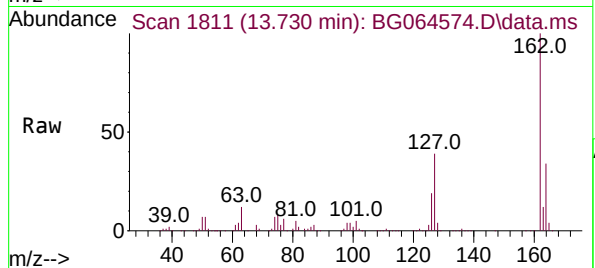
SSTDICC060

Tgt Ion:	162	Resp:	463792
Ion Ratio	Lower	Upper	
162	100		
127	38.8	32.2	48.2
164	34.0	27.5	41.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#48

2-Nitroaniline

Concen: 66.052 ng

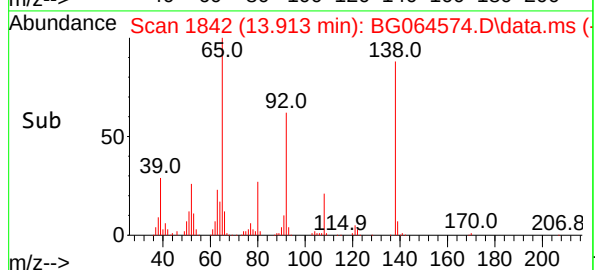
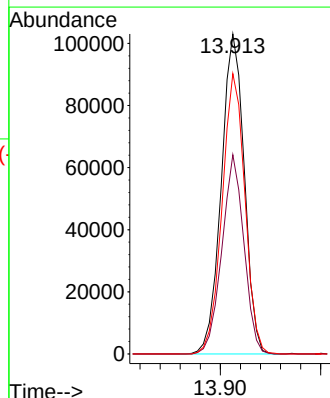
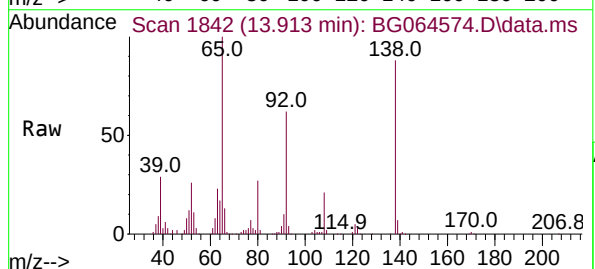
RT: 13.913 min Scan# 1842

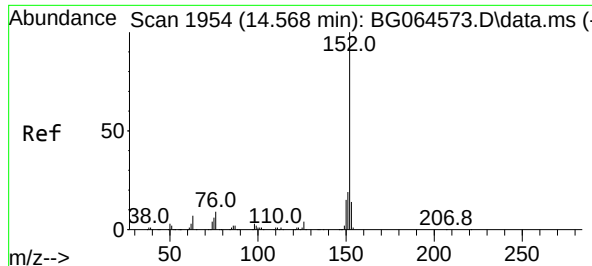
Delta R.T. 0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Tgt Ion:	65	Resp:	163796
Ion Ratio	Lower	Upper	
65	100		
92	62.2	48.3	72.5
138	87.6	74.9	112.3





#49

Acenaphthylene

Concen: 64.738 ng

RT: 14.571 min Scan# 1954

Delta R.T. 0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:152 Resp: 739728

Ion Ratio Lower Upper

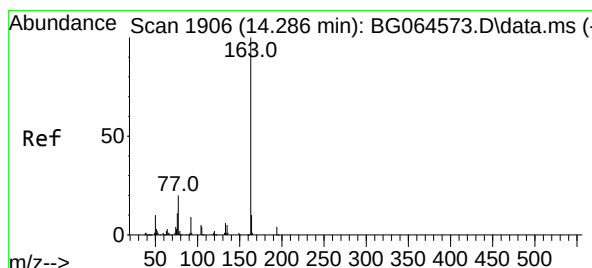
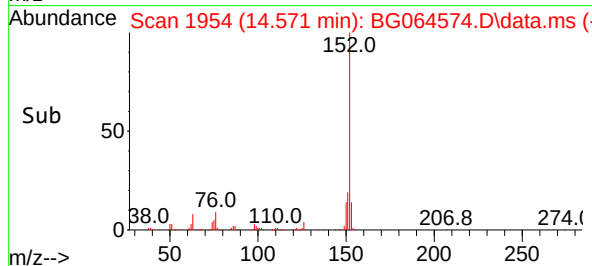
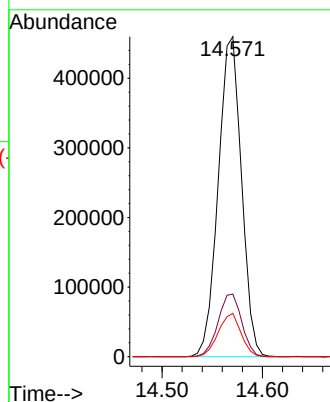
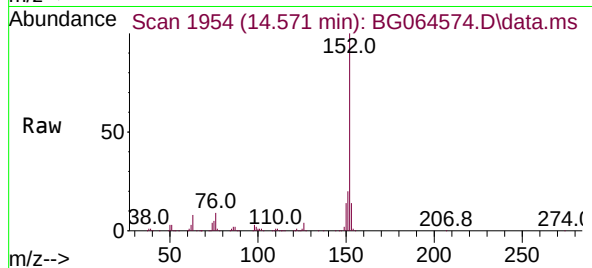
152 100

151 19.5 15.4 23.2

153 13.5 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#50

Dimethylphthalate

Concen: 66.616 ng

RT: 14.289 min Scan# 1906

Delta R.T. 0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

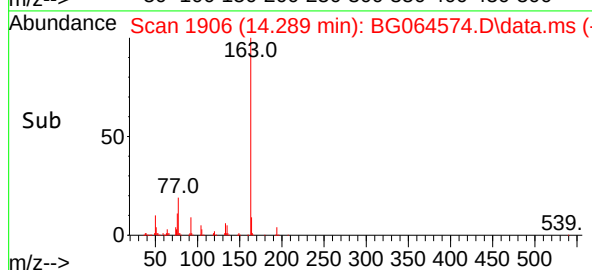
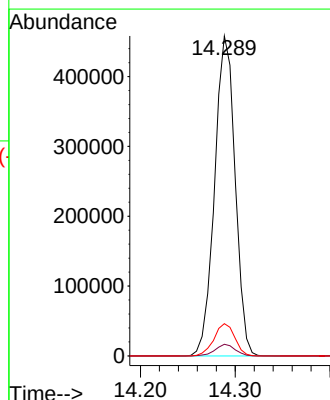
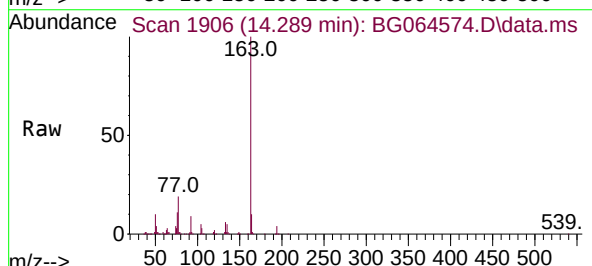
Tgt Ion:163 Resp: 688128

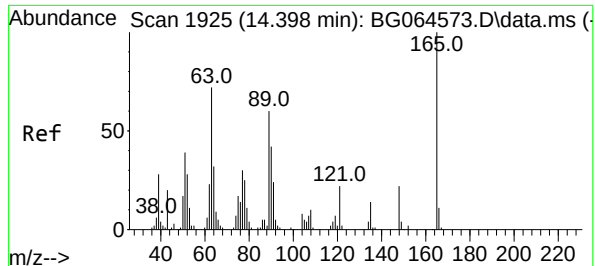
Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

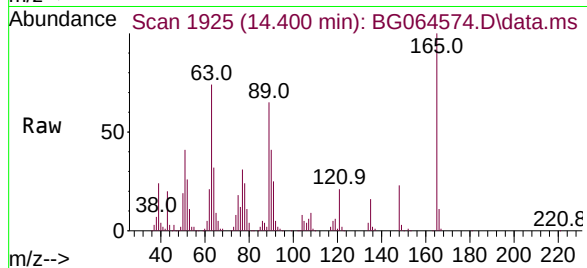
164 10.1 7.7 11.5





#51
2,6-Dinitrotoluene
Concen: 65.951 ng
RT: 14.400 min Scan# 1925
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

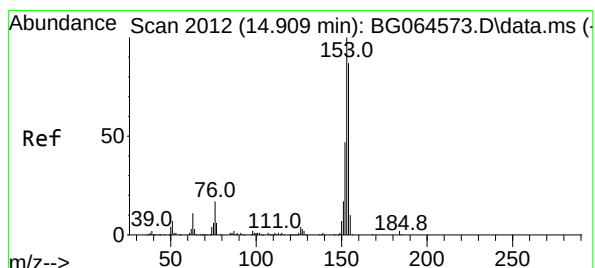
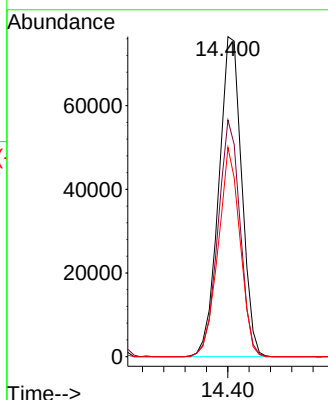
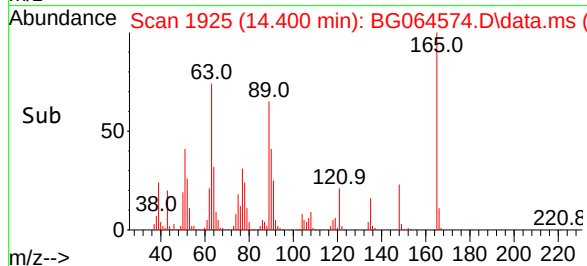
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



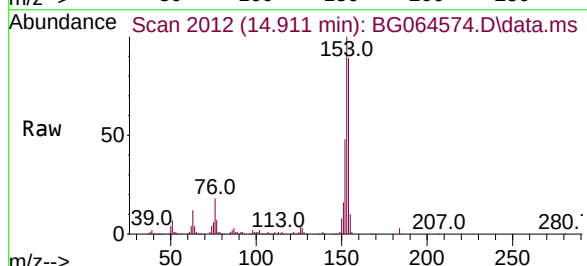
Tgt Ion:165 Resp: 114588
Ion Ratio Lower Upper
165 100
63 73.9 57.4 86.0
89 65.4 47.8 71.8

Manual Integrations
APPROVED

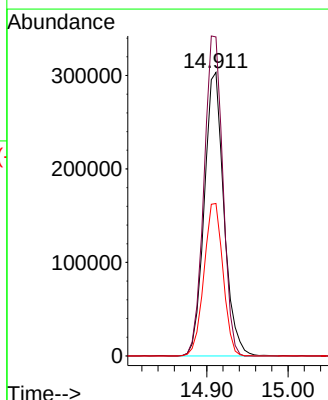
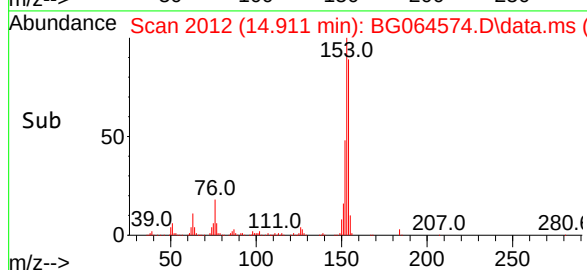
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

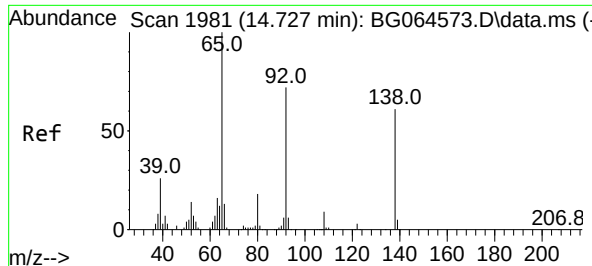


#52
Acenaphthene
Concen: 65.392 ng
RT: 14.911 min Scan# 2012
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44



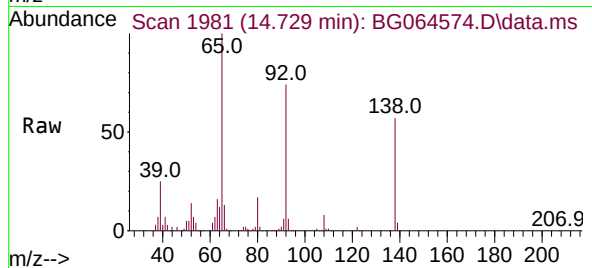
Tgt Ion:154 Resp: 510499
Ion Ratio Lower Upper
154 100
153 112.5 92.2 138.4
152 53.8 43.2 64.8





#53
3-Nitroaniline
Concen: 74.231 ng
RT: 14.729 min Scan# 1981
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

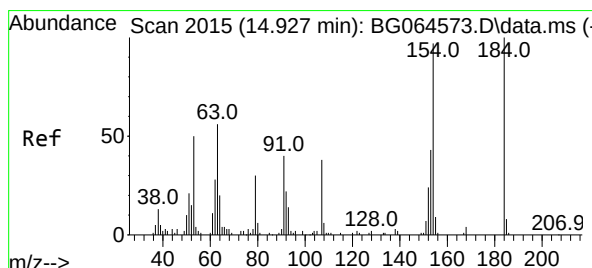
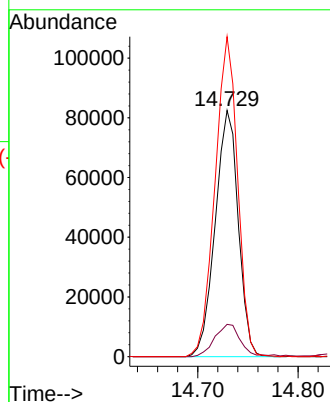
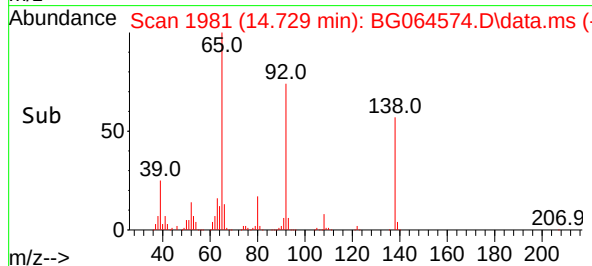
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



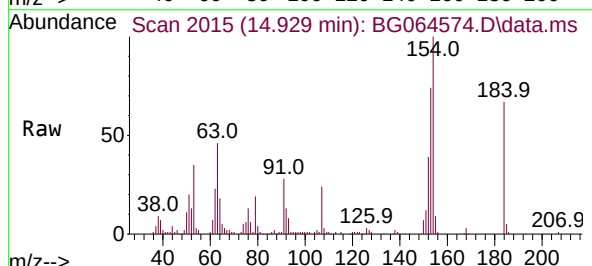
Tgt Ion:138 Resp: 131776
Ion Ratio Lower Upper
138 100
108 13.1 11.4 17.0
92 130.0 95.3 142.9

Manual Integrations
APPROVED

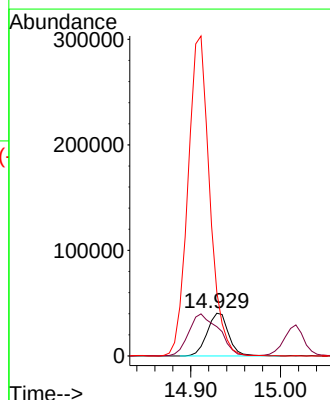
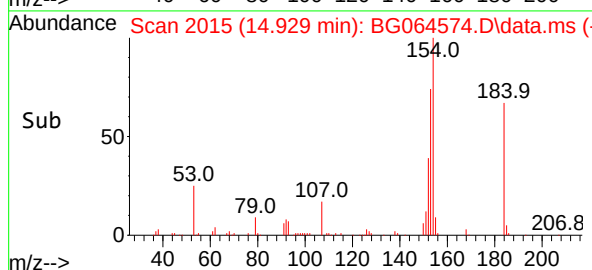
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

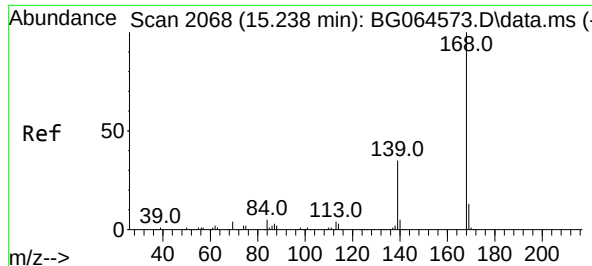


#54
2,4-Dinitrophenol
Concen: 65.082 ng
RT: 14.929 min Scan# 2015
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44



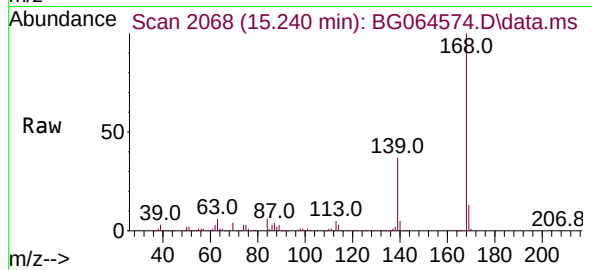
Tgt Ion:184 Resp: 66900
Ion Ratio Lower Upper
184 100
63 68.5 56.6 85.0
154 149.4 158.6 238.0#





#55
Dibenzenofuran
Concen: 63.779 ng
RT: 15.240 min Scan# 2068
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

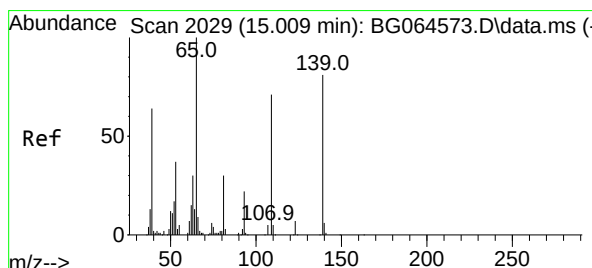
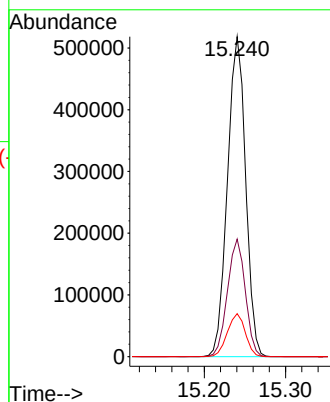
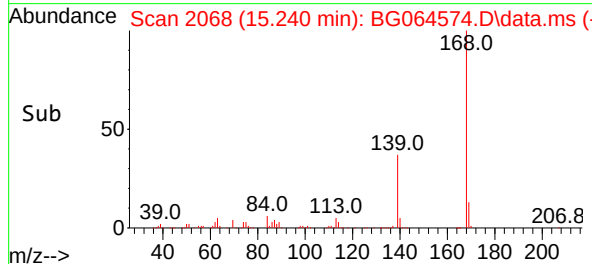
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:168 Resp: 804964
Ion Ratio Lower Upper
168 100
139 36.7 27.8 41.8
169 13.4 10.3 15.5

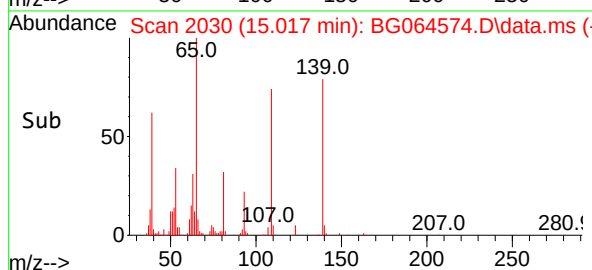
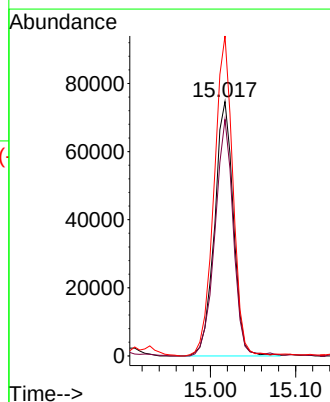
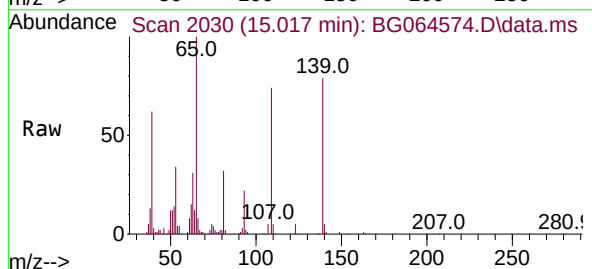
Manual Integrations
APPROVED

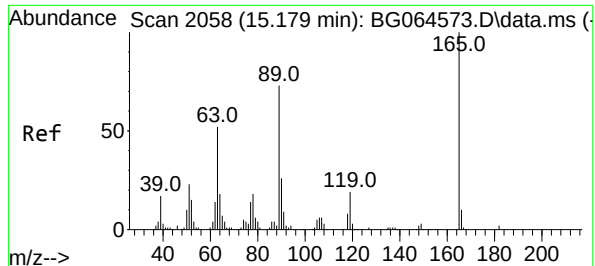
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#56
4-Nitrophenol
Concen: 69.512 ng
RT: 15.017 min Scan# 2030
Delta R.T. 0.008 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

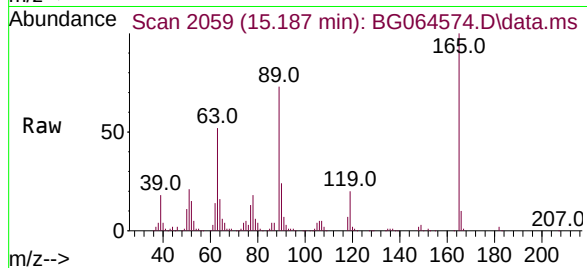
Tgt Ion:139 Resp: 114408
Ion Ratio Lower Upper
139 100
109 93.0 67.8 107.8
65 125.8 103.7 143.7





#57
2,4-Dinitrotoluene
Concen: 65.522 ng
RT: 15.187 min Scan# 2058
Delta R.T. 0.008 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

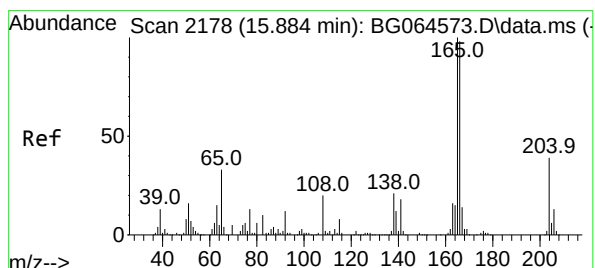
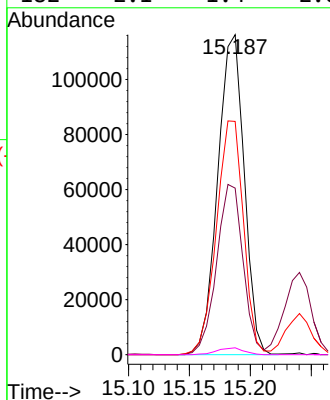
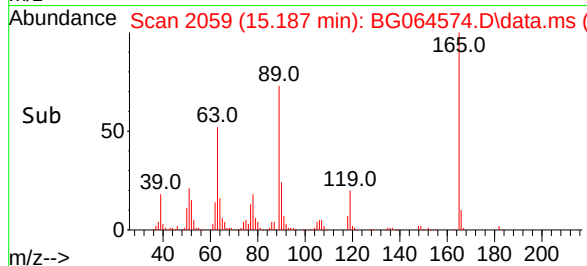
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:165 Resp: 175802
Ion Ratio Lower Upper
165 100
63 52.0 41.8 62.8
89 72.9 58.1 87.1
182 2.1 1.4 2.0#

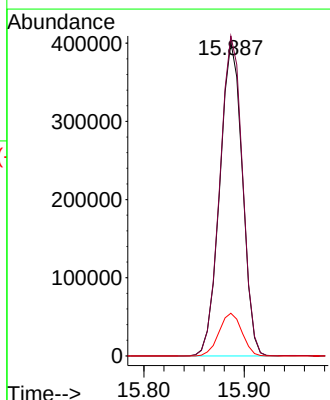
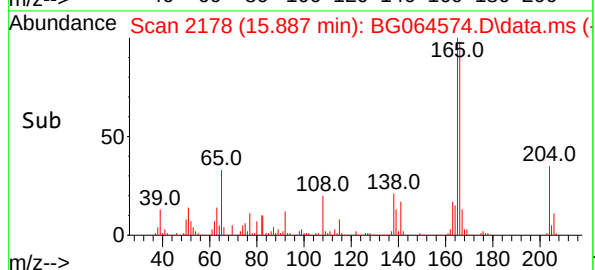
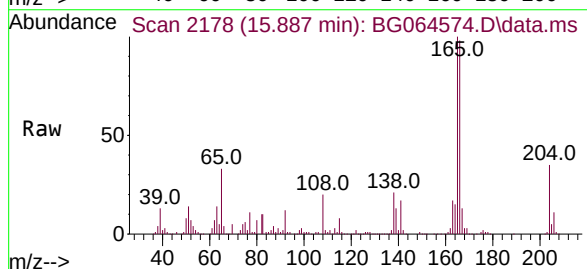
Manual Integrations
APPROVED

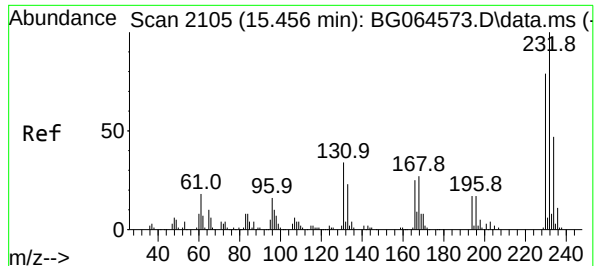
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#58
Fluorene
Concen: 63.656 ng
RT: 15.887 min Scan# 2178
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

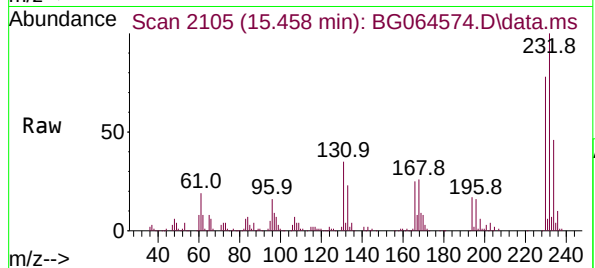
Tgt Ion:166 Resp: 627437
Ion Ratio Lower Upper
166 100
165 101.8 81.5 122.3
167 13.5 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 71.870 ng
RT: 15.458 min Scan# 2105
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

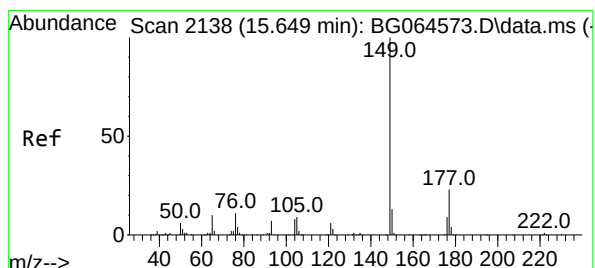
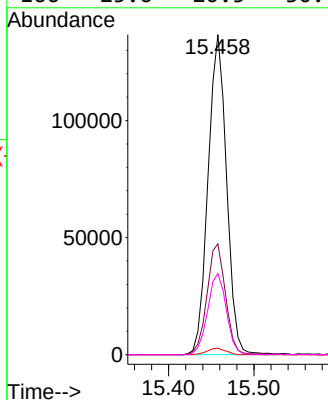
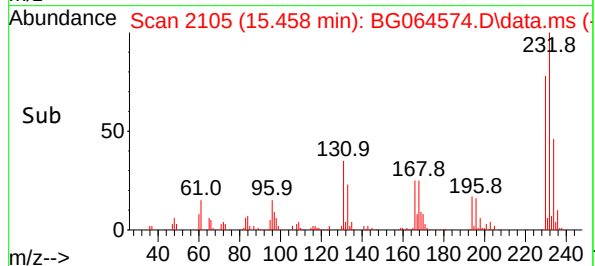
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



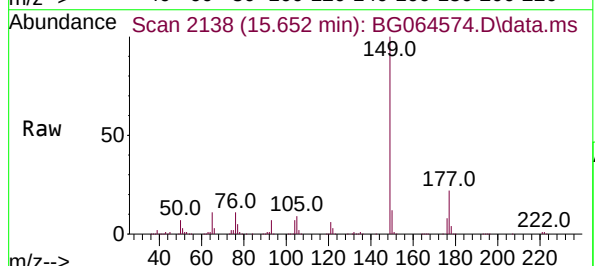
Tgt Ion:232 Resp: 205529
Ion Ratio Lower Upper
232 100
131 34.7 26.7 40.1
130 2.0 1.6 2.4
166 25.6 20.5 30.7

Manual Integrations
APPROVED

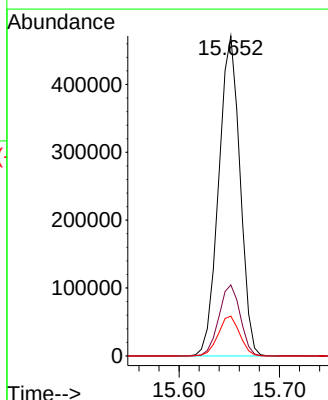
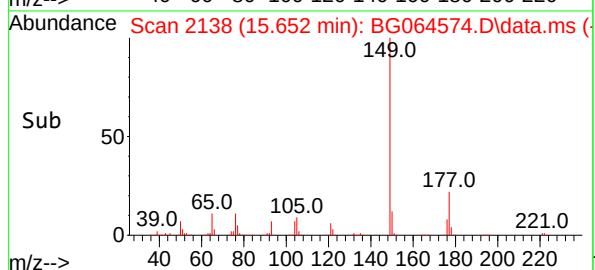
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

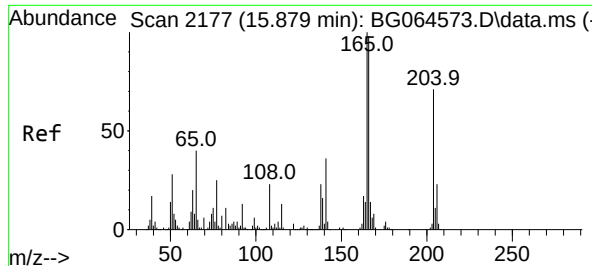


#60
Diethylphthalate
Concen: 65.982 ng
RT: 15.652 min Scan# 2138
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44



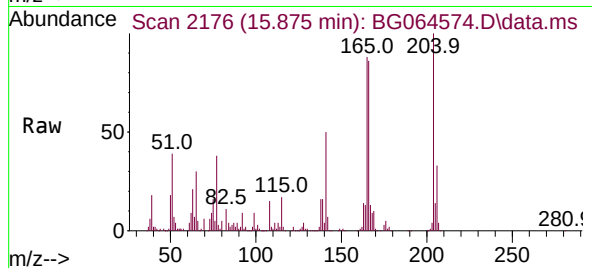
Tgt Ion:149 Resp: 695924
Ion Ratio Lower Upper
149 100
177 22.2 18.0 27.0
150 12.4 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 65.038 ng
RT: 15.875 min Scan# 2176
Delta R.T. -0.004 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

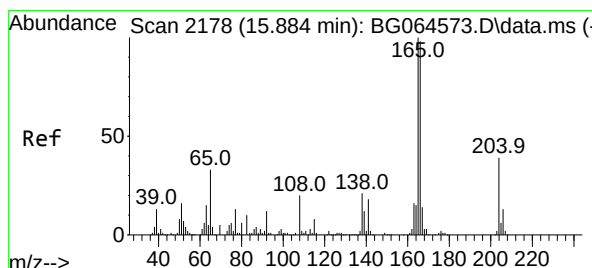
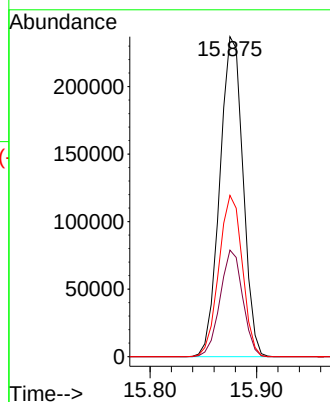
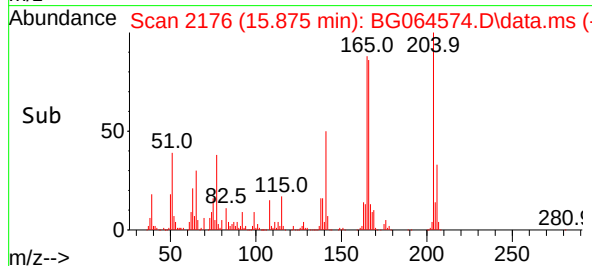
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



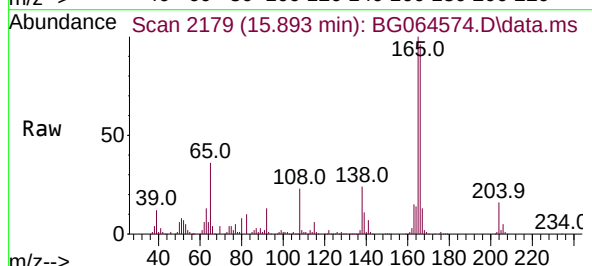
Tgt Ion:204 Resp: 359759
Ion Ratio Lower Upper
204 100
206 33.3 25.6 38.4
141 50.4 40.6 60.8

Manual Integrations
APPROVED

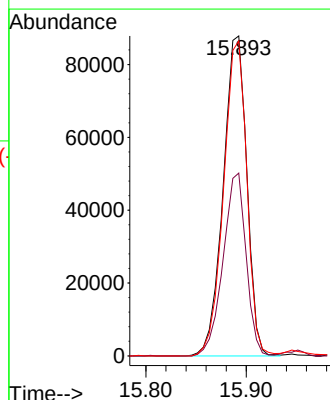
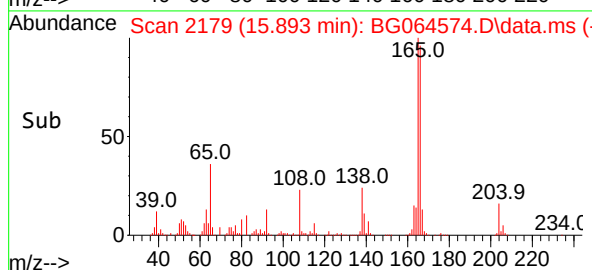
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

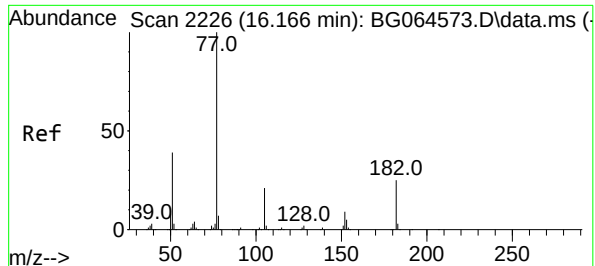


#62
4-Nitroaniline
Concen: 72.832 ng
RT: 15.893 min Scan# 2179
Delta R.T. 0.008 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44



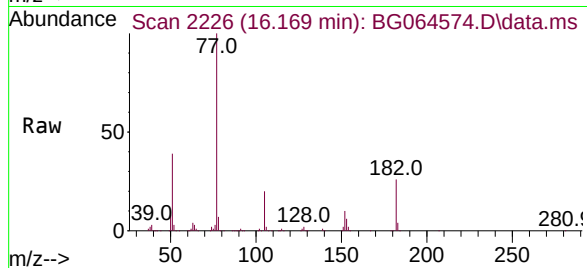
Tgt Ion:138 Resp: 143839
Ion Ratio Lower Upper
138 100
92 57.1 36.1 76.1
108 98.4 75.6 115.6





#63
Azobenzene
Concen: 65.464 ng
RT: 16.169 min Scan# 2226
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

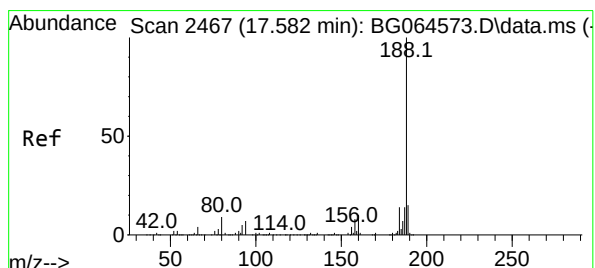
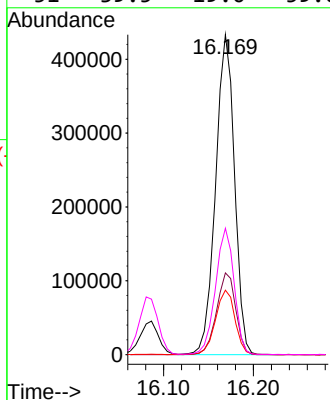
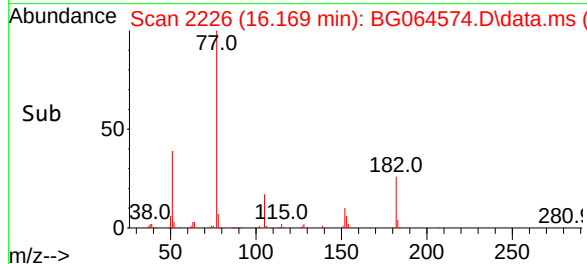
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion: 77 Resp: 633520
Ion Ratio Lower Upper
77 100
182 25.5 4.9 44.9
105 20.1 1.3 41.3
51 39.5 19.0 59.0

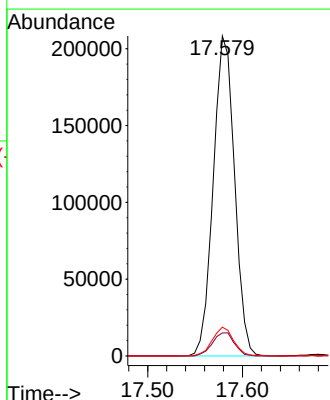
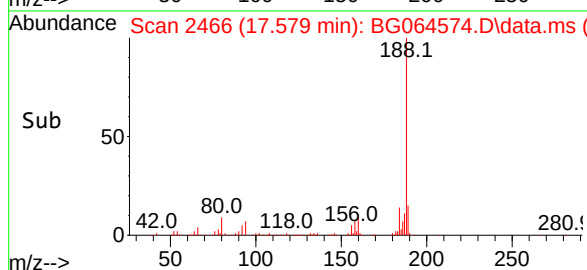
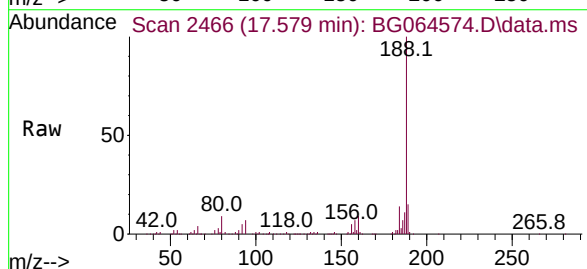
Manual Integrations
APPROVED

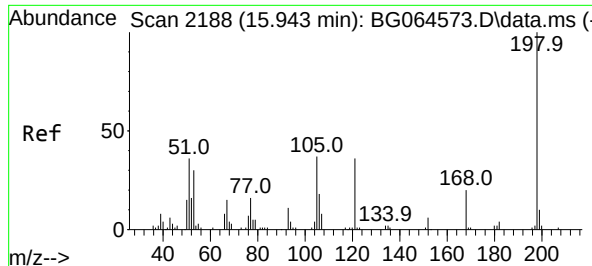
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.579 min Scan# 2466
Delta R.T. -0.004 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:188 Resp: 324385
Ion Ratio Lower Upper
188 100
94 7.2 5.7 8.5
80 9.0 6.8 10.2





#65

4,6-Dinitro-2-methylphenol

Concen: 64.046 ng

RT: 15.945 min Scan# 2188

Delta R.T. 0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:198 Resp: 94338

Ion Ratio Lower Upper

198 100

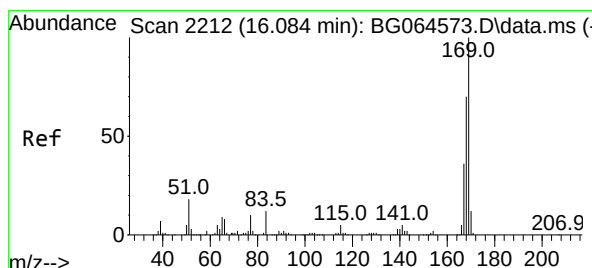
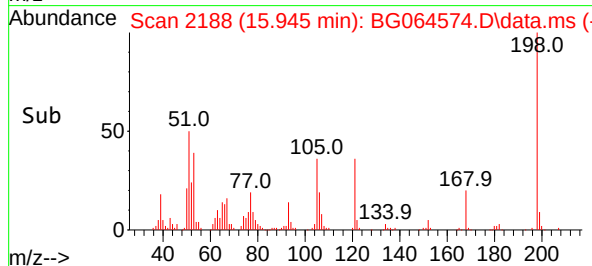
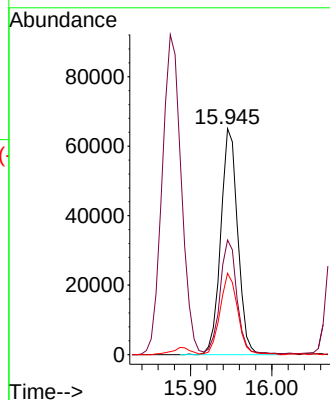
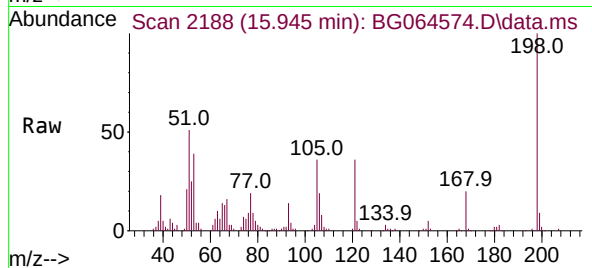
51 50.7 24.7 64.7

105 36.0 18.0 58.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025



#66

n-Nitrosodiphenylamine

Concen: 65.944 ng

RT: 16.086 min Scan# 2212

Delta R.T. 0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

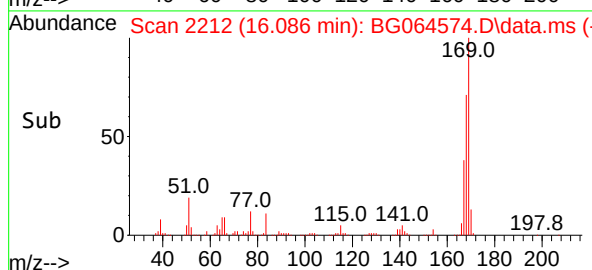
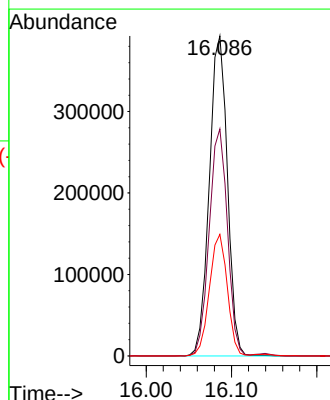
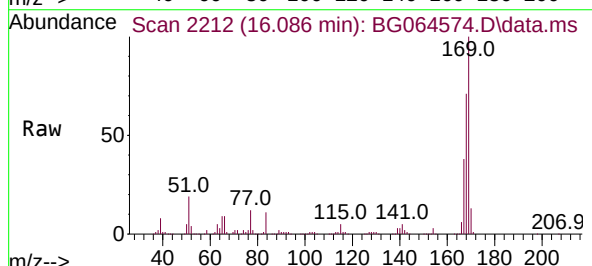
Tgt Ion:169 Resp: 577835

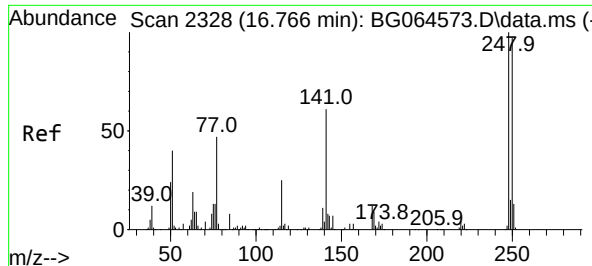
Ion Ratio Lower Upper

169 100

168 70.9 56.3 84.5

167 38.0 29.0 43.6





#67

4-Bromophenyl-phenylether

Concen: 66.740 ng

RT: 16.768 min Scan# 2328

Delta R.T. 0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDIC060

Tgt Ion:248 Resp: 256556

Ion Ratio Lower Upper

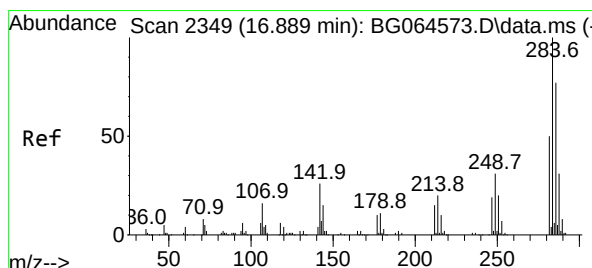
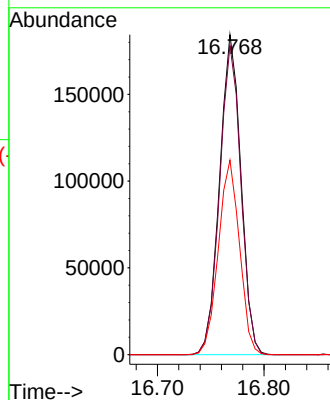
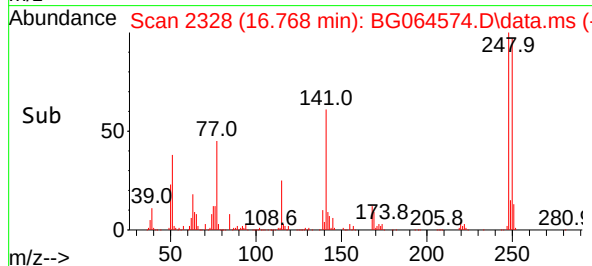
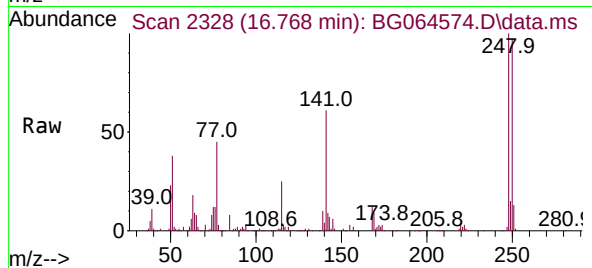
248 100

250 96.6 77.7 116.5

141 60.8 48.6 72.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#68

Hexachlorobenzene

Concen: 67.001 ng

RT: 16.891 min Scan# 2349

Delta R.T. 0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

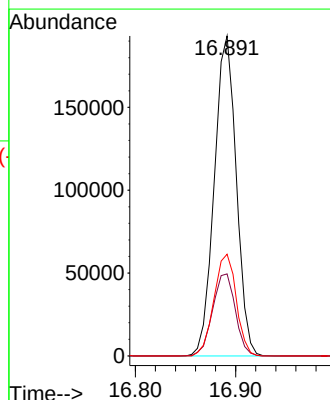
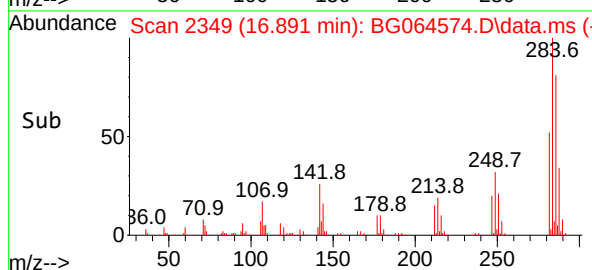
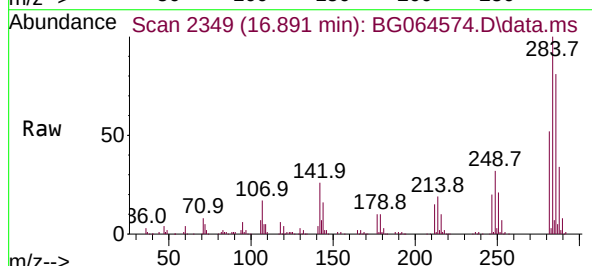
Tgt Ion:284 Resp: 293831

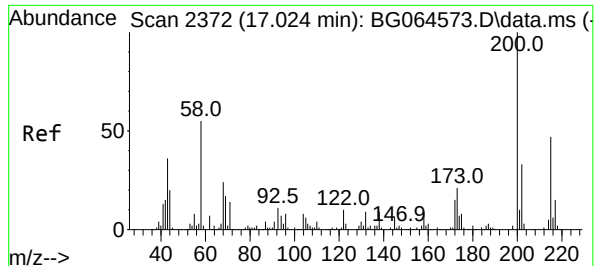
Ion Ratio Lower Upper

284 100

142 25.6 21.0 31.6

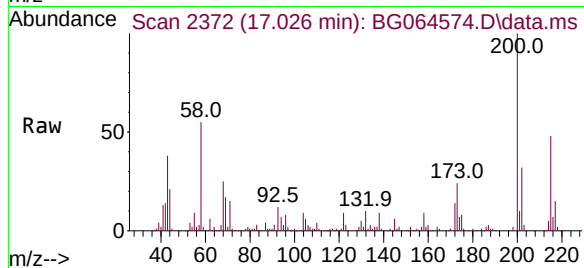
249 34.5 24.9 37.3





#69
Atrazine
Concen: 67.378 ng
RT: 17.026 min Scan# 2372
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

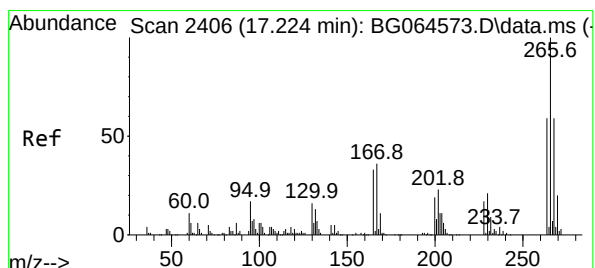
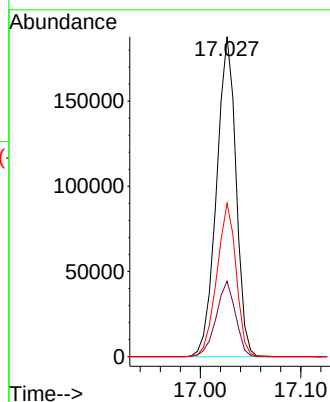
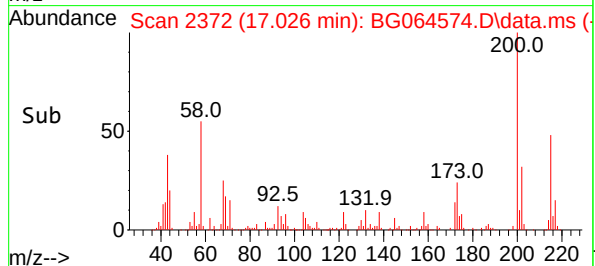
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



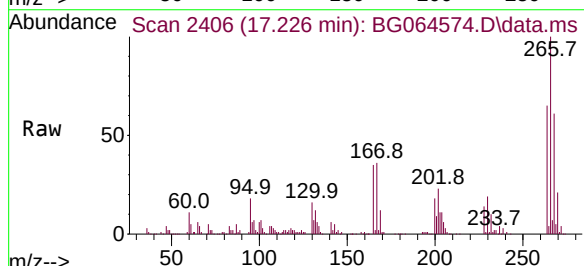
Tgt Ion:200 Resp: 254076
Ion Ratio Lower Upper
200 100
173 23.6 0.9 40.9
215 47.9 27.0 67.0

Manual Integrations
APPROVED

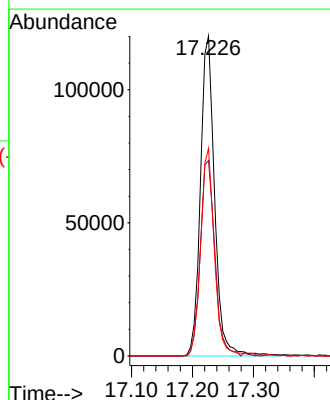
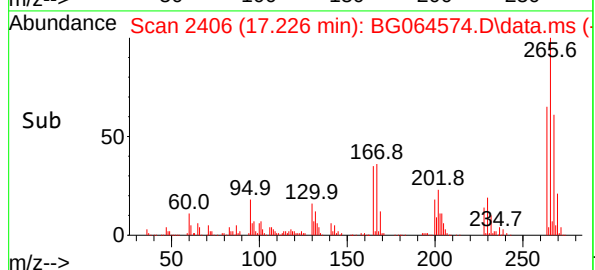
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

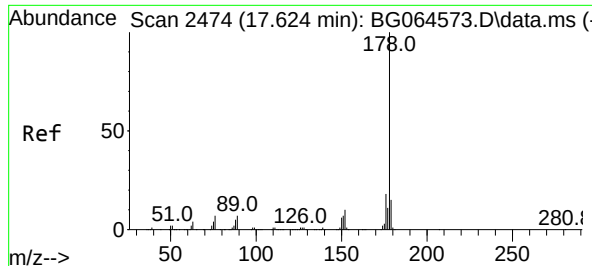


#70
Pentachlorophenol
Concen: 70.923 ng
RT: 17.226 min Scan# 2406
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44



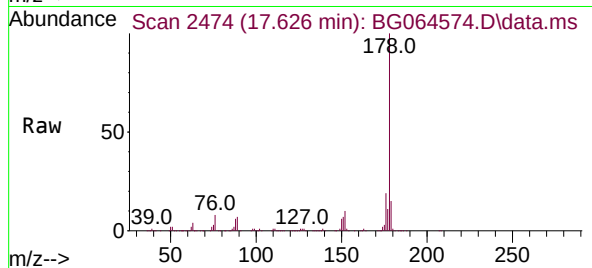
Tgt Ion:266 Resp: 193954
Ion Ratio Lower Upper
266 100
268 66.0 50.3 75.5
264 69.3 47.3 70.9





#71
Phenanthrene
Concen: 64.676 ng
RT: 17.626 min Scan# 2474
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

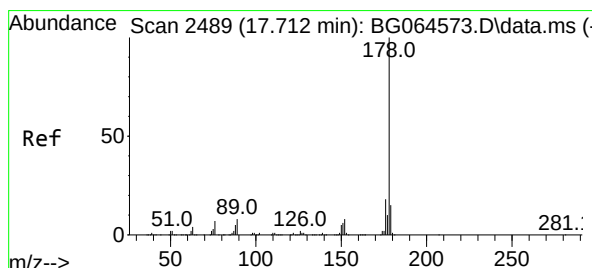
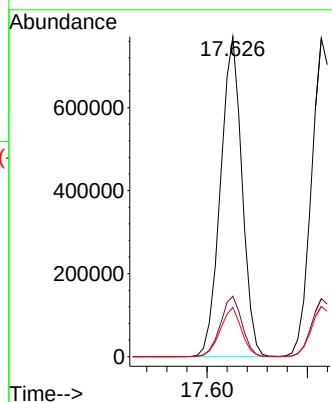
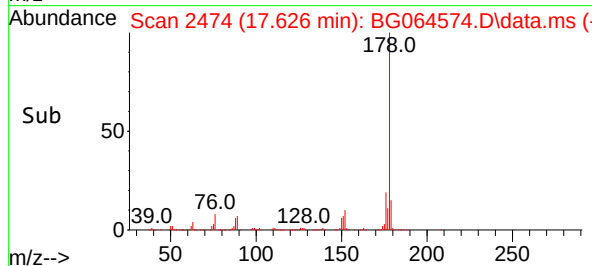
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:178 Resp: 1147317
Ion Ratio Lower Upper
178 100
176 18.9 14.7 22.1
179 15.4 12.2 18.4

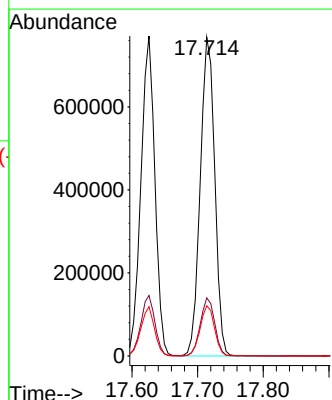
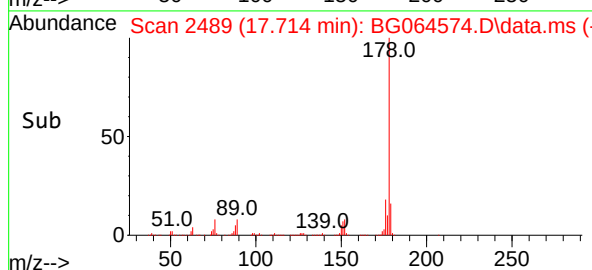
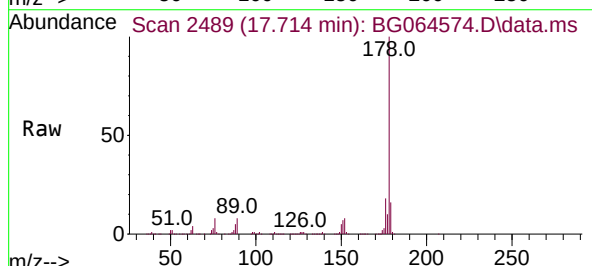
Manual Integrations
APPROVED

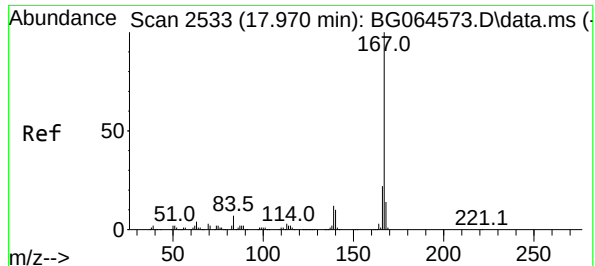
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#72
Anthracene
Concen: 64.905 ng
RT: 17.714 min Scan# 2489
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

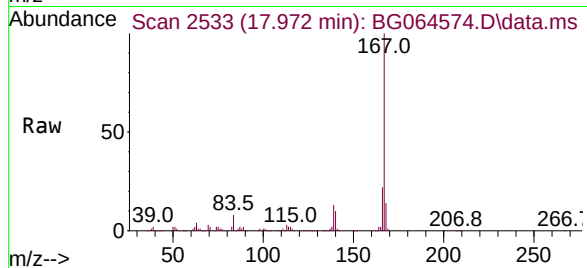
Tgt Ion:178 Resp: 1171223
Ion Ratio Lower Upper
178 100
176 18.2 14.4 21.6
179 15.8 12.4 18.6





#73
Carbazole
Concen: 62.887 ng
RT: 17.972 min Scan# 2533
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

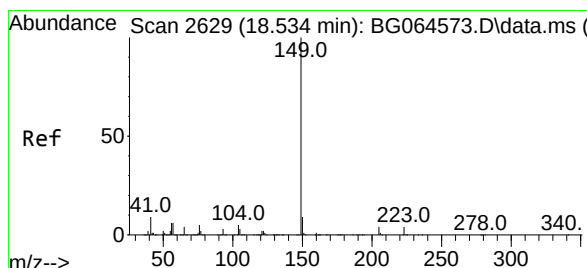
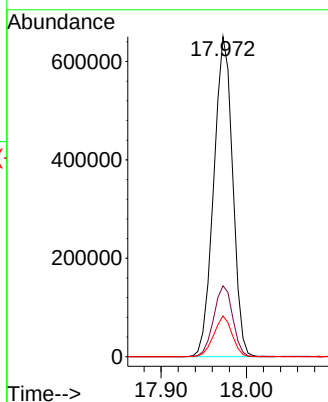
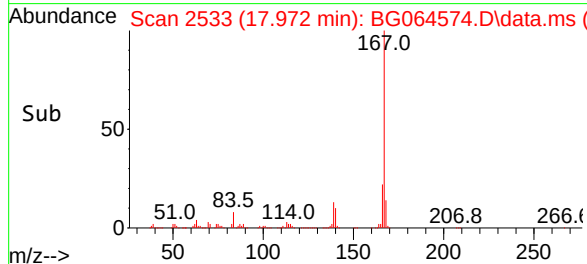
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:167 Resp: 1000680
Ion Ratio Lower Upper
167 100
166 22.1 17.9 26.9
139 12.7 9.7 14.5

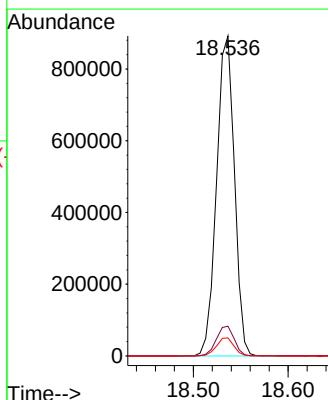
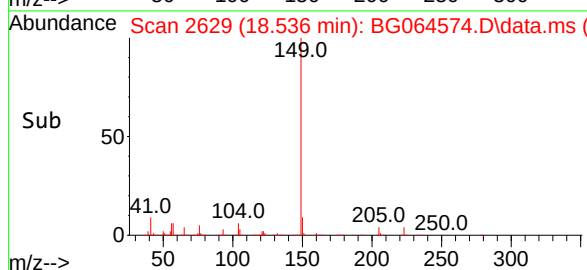
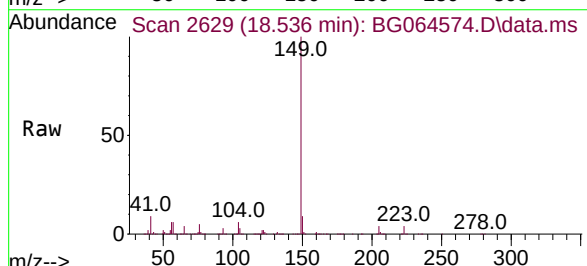
Manual Integrations
APPROVED

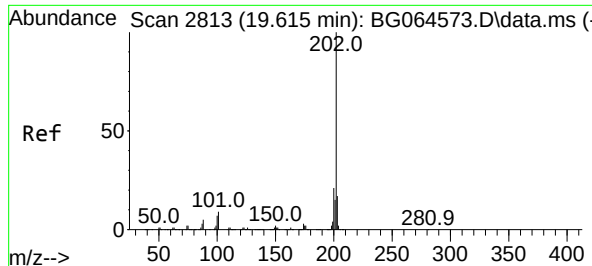
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#74
Di-n-butylphthalate
Concen: 63.334 ng
RT: 18.536 min Scan# 2629
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

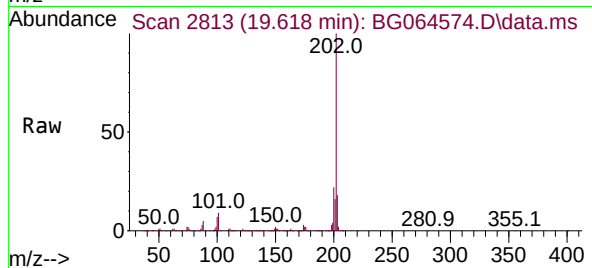
Tgt Ion:149 Resp: 1165396
Ion Ratio Lower Upper
149 100
150 9.3 7.0 10.6
104 5.6 4.1 6.1





#75
Fluoranthene
Concen: 61.419 ng
RT: 19.618 min Scan# 2813
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

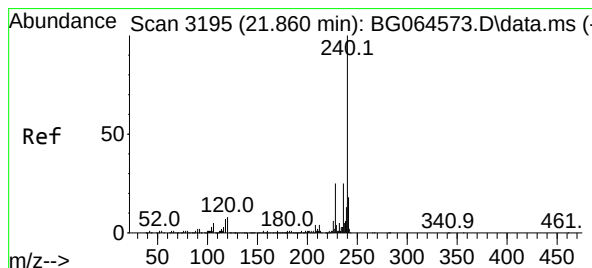
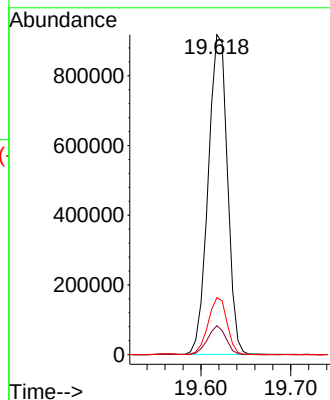
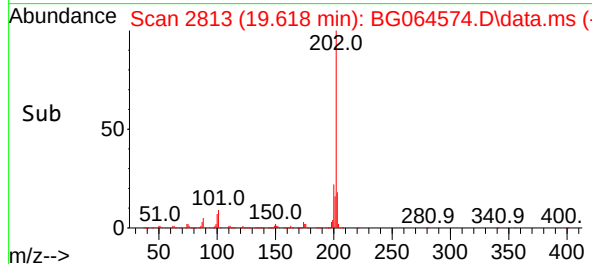
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:202 Resp: 136489
Ion Ratio Lower Upper
202 100
101 9.0 0.0 28.7
203 17.8 0.0 37.0

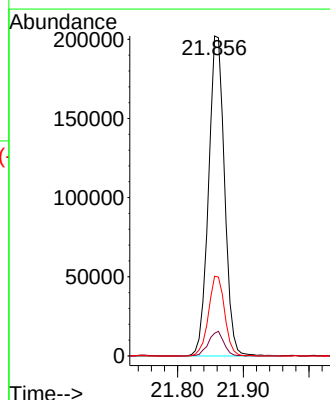
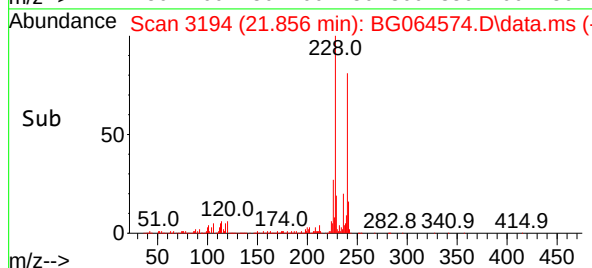
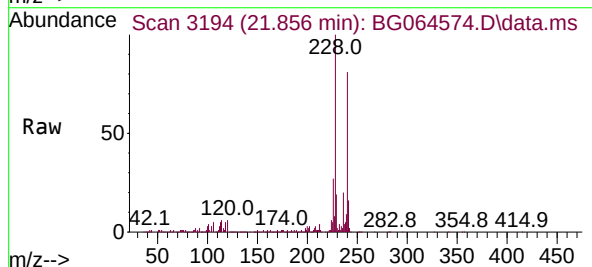
Manual Integrations
APPROVED

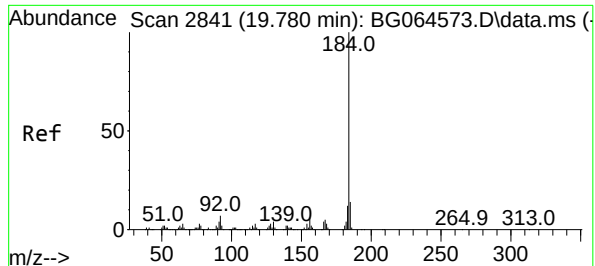
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.856 min Scan# 3194
Delta R.T. -0.004 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

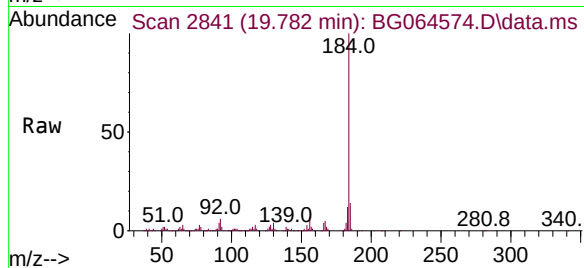
Tgt Ion:240 Resp: 340896
Ion Ratio Lower Upper
240 100
120 7.1 6.5 9.7
236 24.9 20.2 30.2





#77
Benzidine
Concen: 71.348 ng
RT: 19.782 min Scan# 2841
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

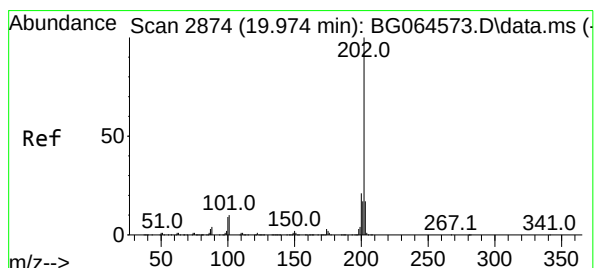
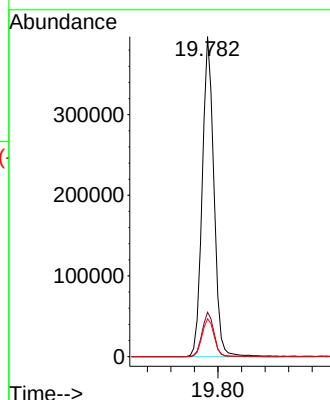
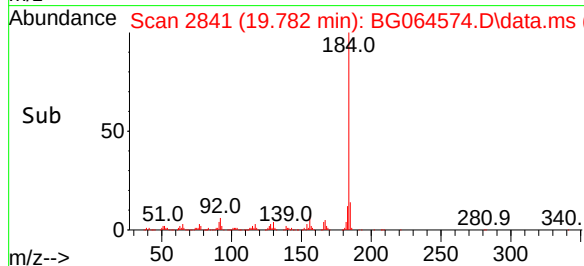
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:184 Resp: 544918
Ion Ratio Lower Upper
184 100
185 13.9 11.4 17.2
183 11.8 9.4 14.2

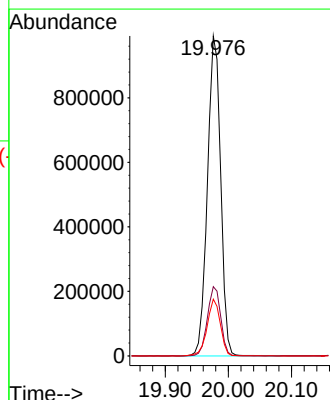
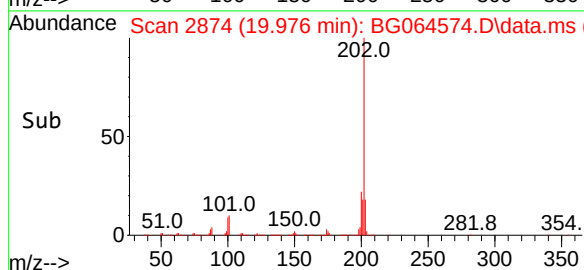
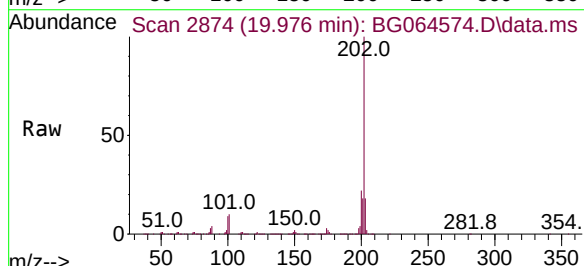
Manual Integrations
APPROVED

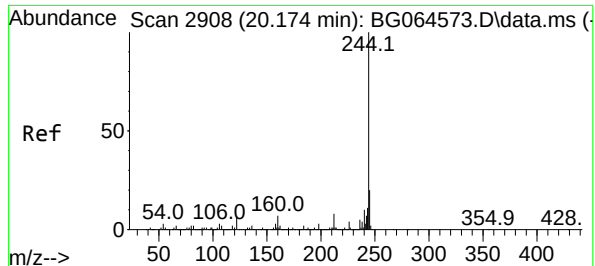
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#78
Pyrene
Concen: 64.549 ng
RT: 19.976 min Scan# 2874
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

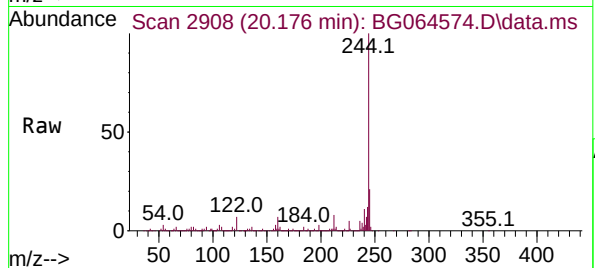
Tgt Ion:202 Resp: 1437669
Ion Ratio Lower Upper
202 100
200 21.6 17.0 25.4
203 17.7 13.8 20.6





#79
Terphenyl-d14
Concen: 124.763 ng
RT: 20.176 min Scan# 2908
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

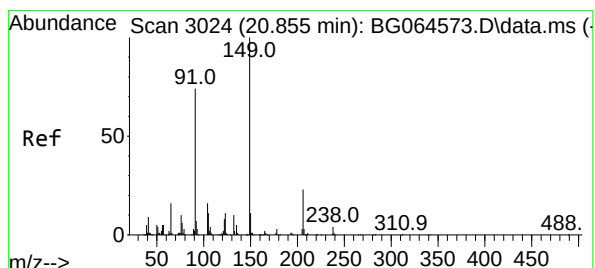
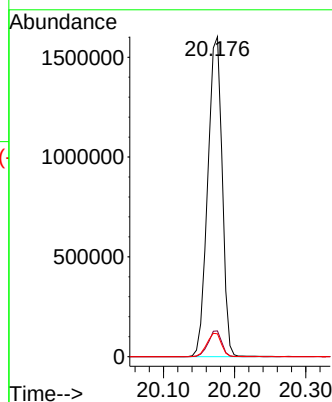
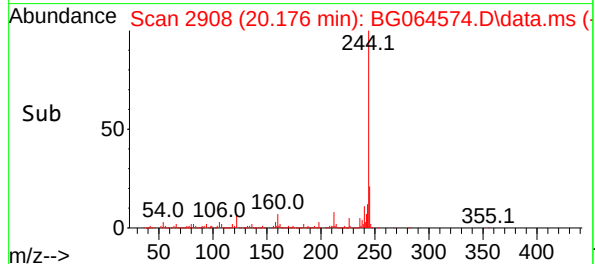
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:244 Resp: 2253704
Ion Ratio Lower Upper
244 100
212 8.0 6.1 9.1
122 7.1 5.6 8.4

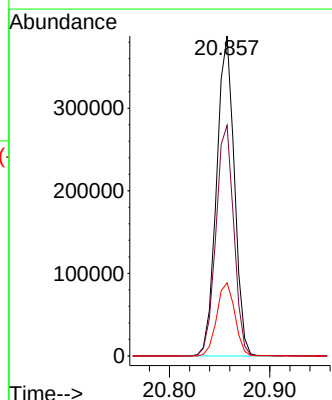
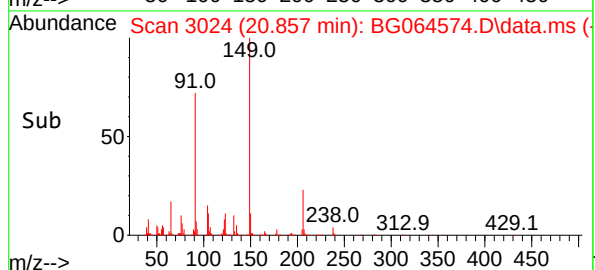
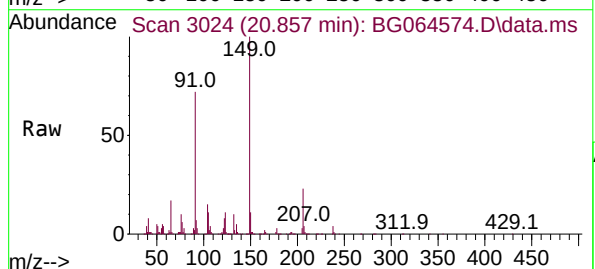
Manual Integrations
APPROVED

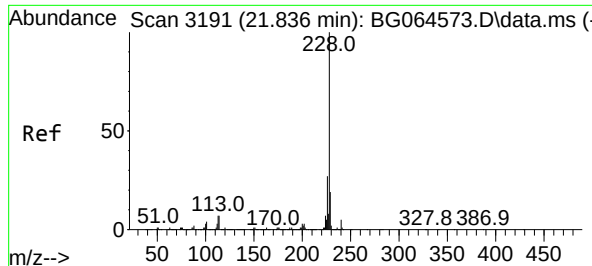
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#80
Butylbenzylphthalate
Concen: 70.914 ng
RT: 20.857 min Scan# 3024
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

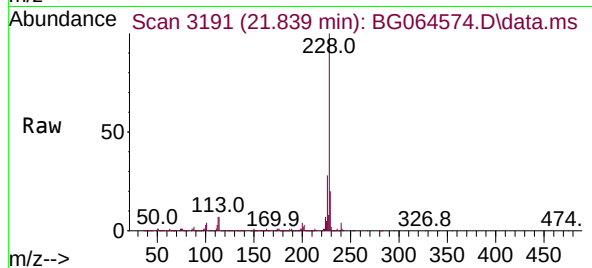
Tgt Ion:149 Resp: 477358
Ion Ratio Lower Upper
149 100
91 72.0 59.2 88.8
206 22.8 18.1 27.1





#81
Benzo(a)anthracene
Concen: 64.702 ng
RT: 21.839 min Scan# 3191
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

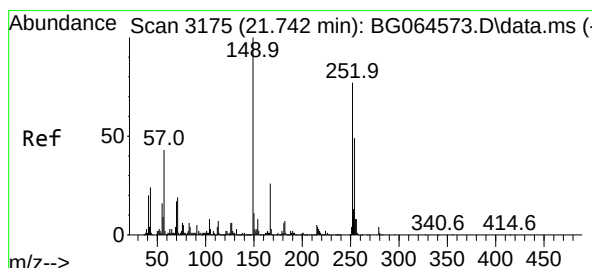
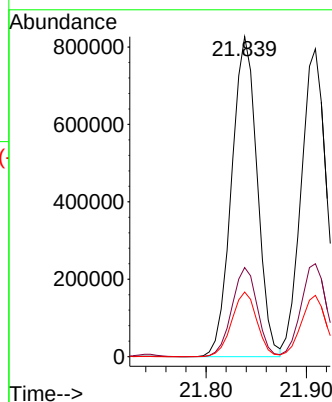
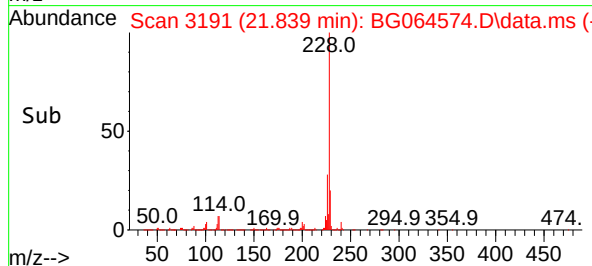
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:228 Resp: 1462488
Ion Ratio Lower Upper
228 100
226 27.8 21.9 32.9
229 20.2 15.6 23.4

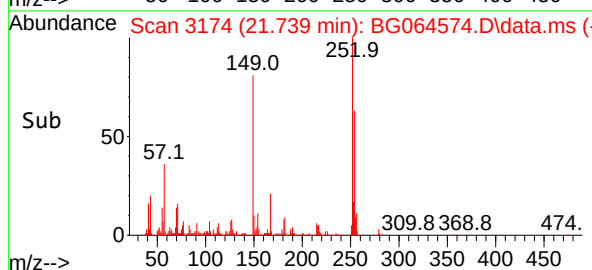
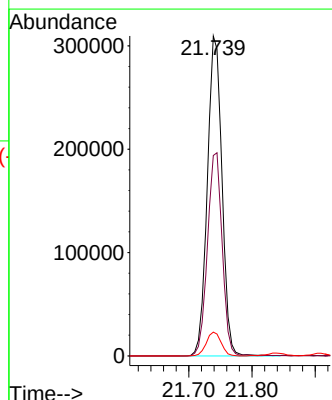
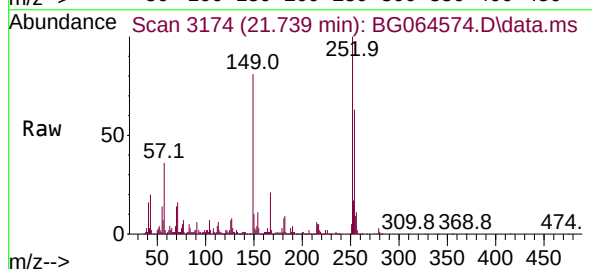
Manual Integrations
APPROVED

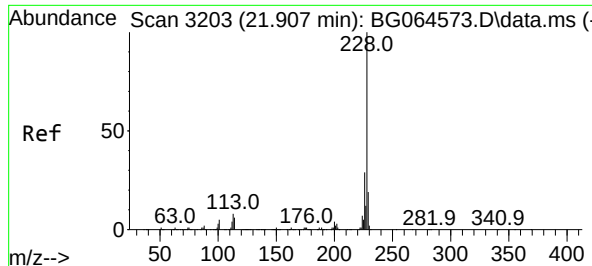
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#82
3,3'-Dichlorobenzidine
Concen: 65.868 ng
RT: 21.739 min Scan# 3174
Delta R.T. -0.004 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

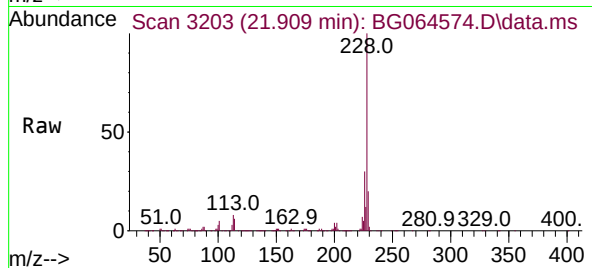
Tgt Ion:252 Resp: 497174
Ion Ratio Lower Upper
252 100
254 62.6 50.8 76.2
126 7.4 5.8 8.6





#83
Chrysene
Concen: 64.621 ng
RT: 21.909 min Scan# 3176
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

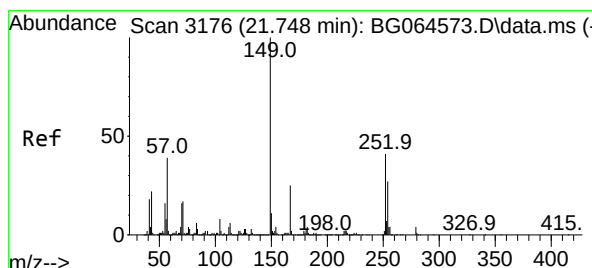
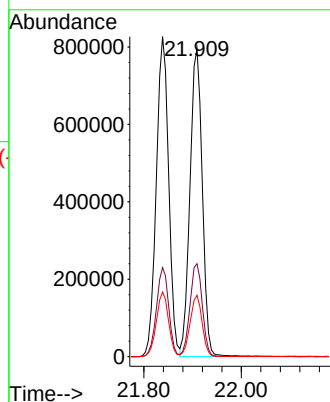
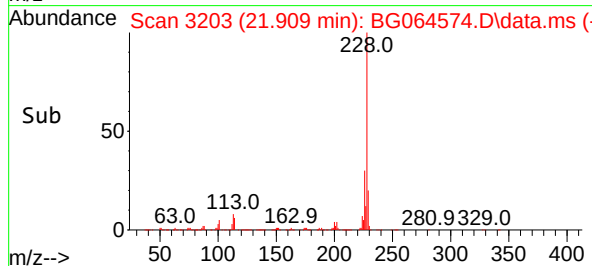
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:228 Resp: 138982
Ion Ratio Lower Upper
228 100
226 30.2 23.3 34.9
229 19.9 15.2 22.8

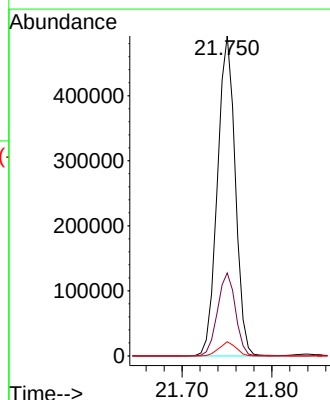
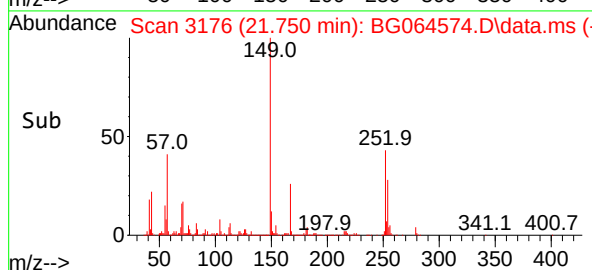
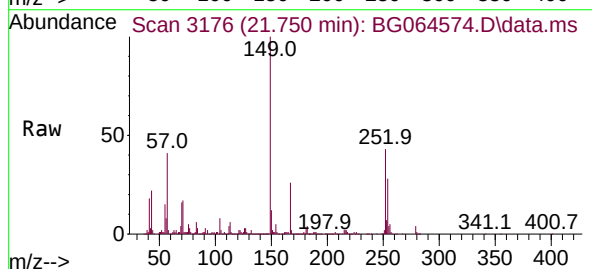
Manual Integrations
APPROVED

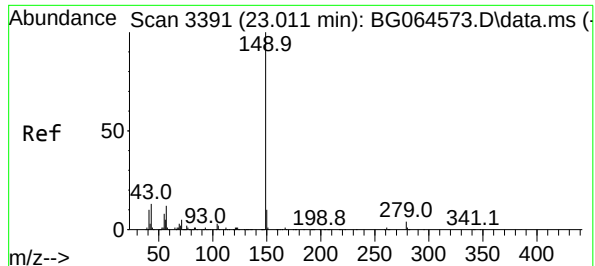
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 67.768 ng
RT: 21.750 min Scan# 3176
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

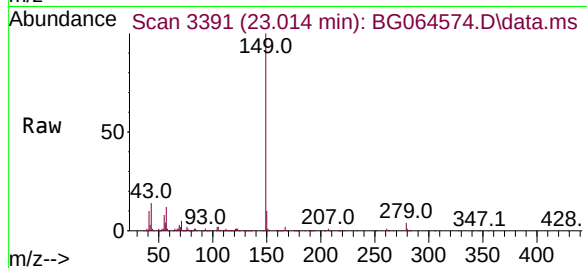
Tgt Ion:149 Resp: 681649
Ion Ratio Lower Upper
149 100
167 25.9 20.0 30.0
279 4.4 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 67.379 ng
RT: 23.014 min Scan# 3391
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

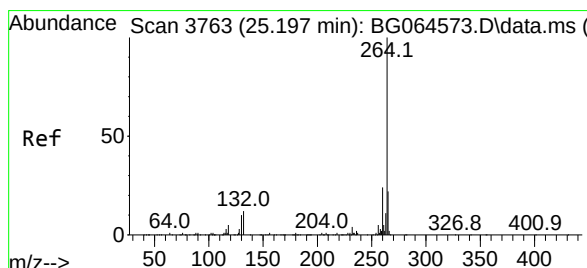
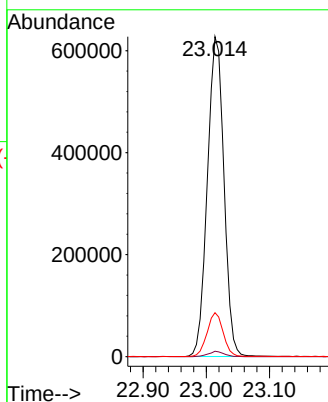
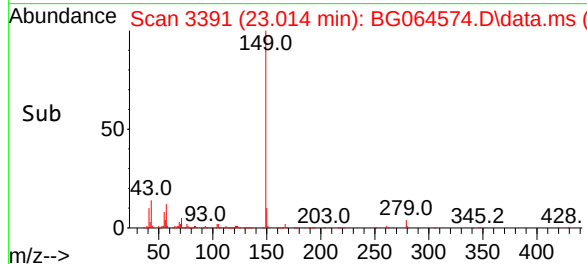
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:149 Resp: 114265
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 13.5 10.8 16.2

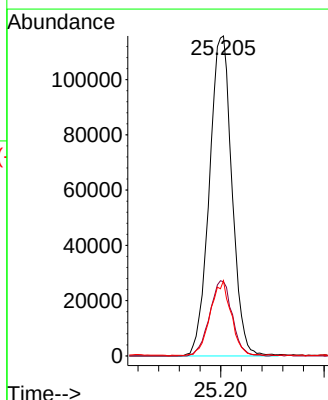
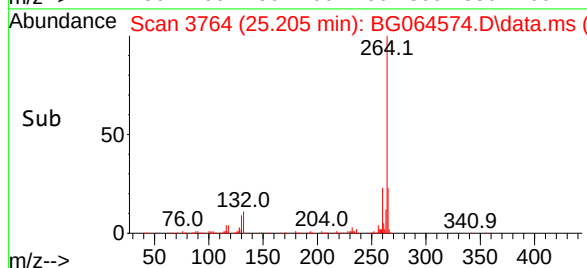
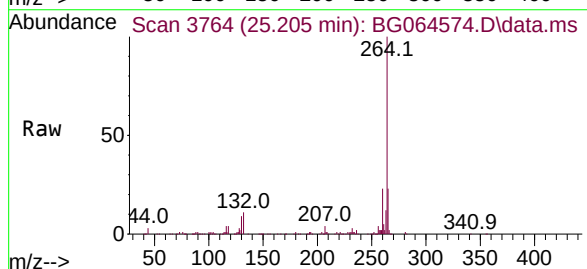
Manual Integrations
APPROVED

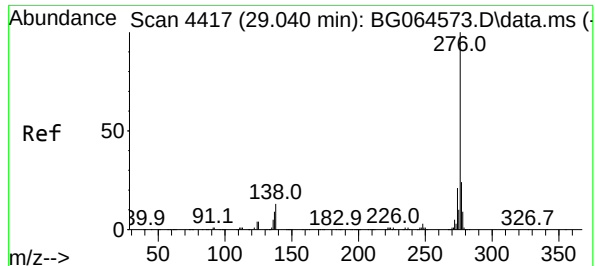
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.205 min Scan# 3764
Delta R.T. 0.008 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

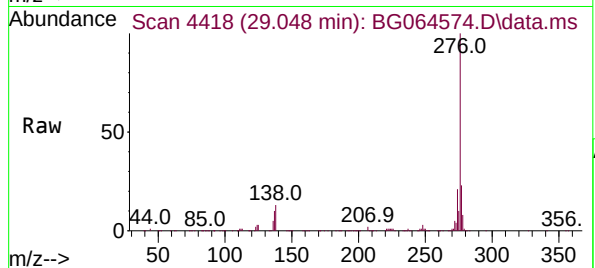
Tgt Ion:264 Resp: 350916
Ion Ratio Lower Upper
264 100
260 23.2 19.0 28.4
265 23.5 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 66.979 ng
RT: 29.048 min Scan# 4417
Delta R.T. 0.008 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

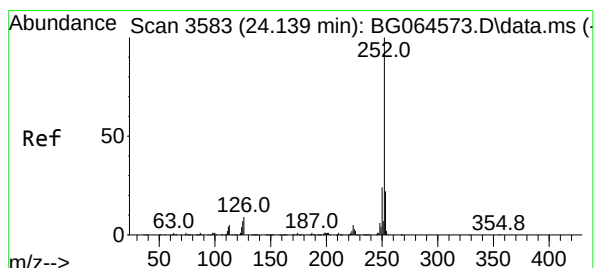
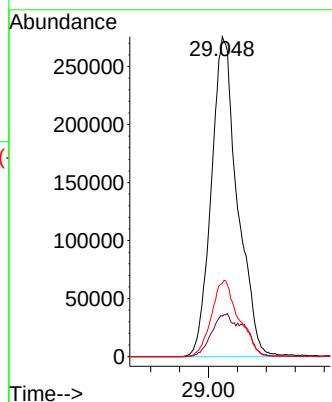
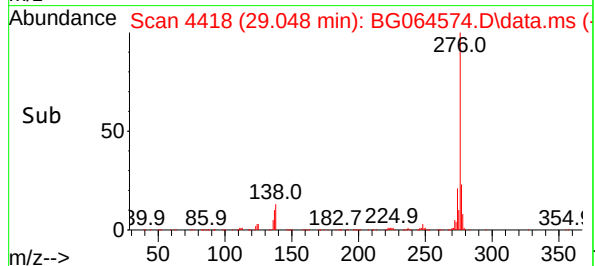
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:276 Resp: 1729035
Ion Ratio Lower Upper
276 100
138 11.2 10.8 16.2
277 24.9 20.1 30.1

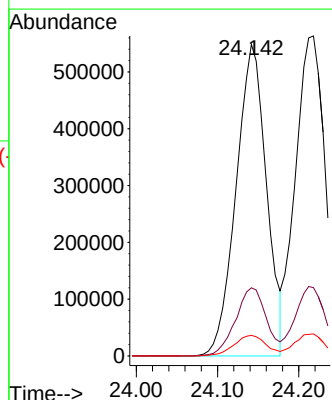
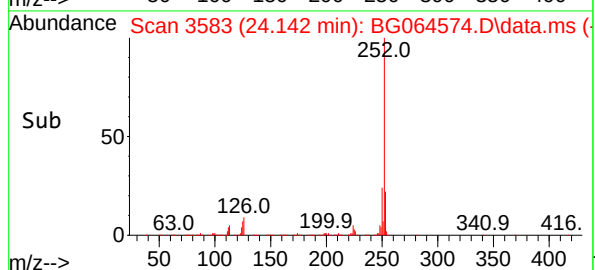
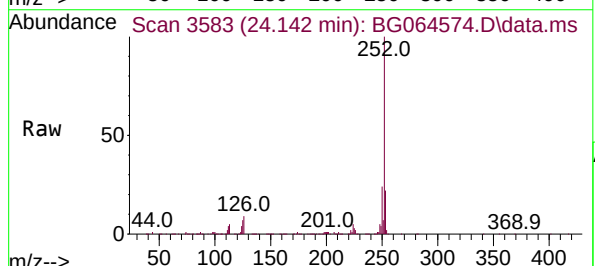
Manual Integrations
APPROVED

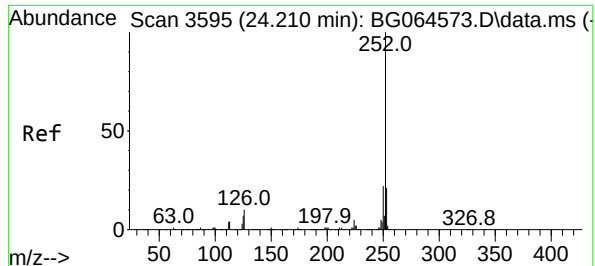
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#88
Benzo(b)fluoranthene
Concen: 66.207 ng
RT: 24.142 min Scan# 3583
Delta R.T. 0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:252 Resp: 1424640
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 6.6 5.6 8.4





#89

Benzo(k)fluoranthene

Concen: 66.703 ng

RT: 24.218 min Scan# 3596

Delta R.T. 0.008 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:252 Resp: 1436312

Ion Ratio Lower Upper

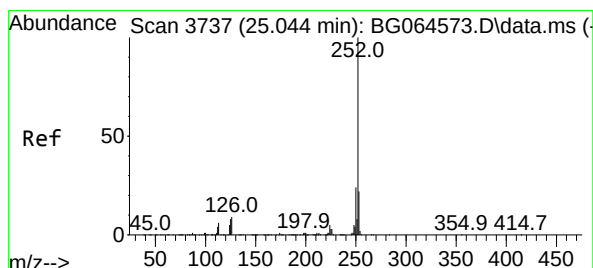
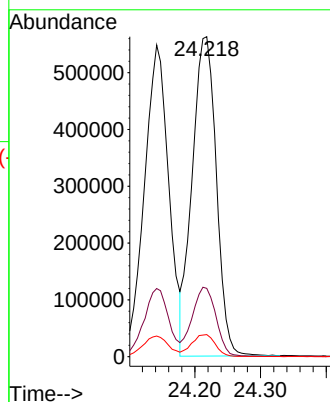
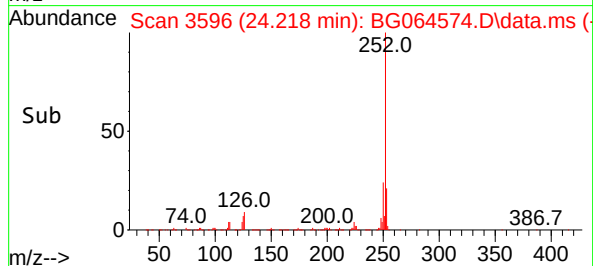
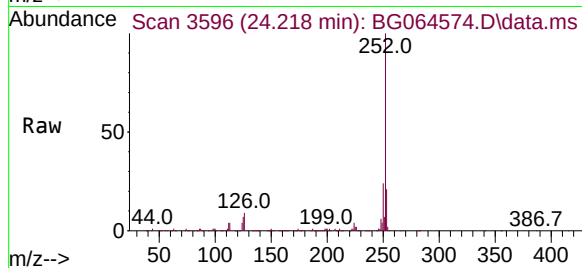
252 100

253 21.3 16.8 25.2

125 6.9 5.4 8.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#90

Benzo(a)pyrene

Concen: 66.315 ng

RT: 25.052 min Scan# 3738

Delta R.T. 0.008 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

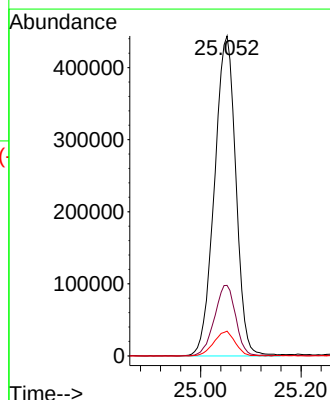
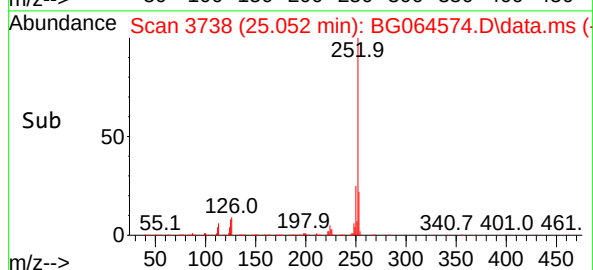
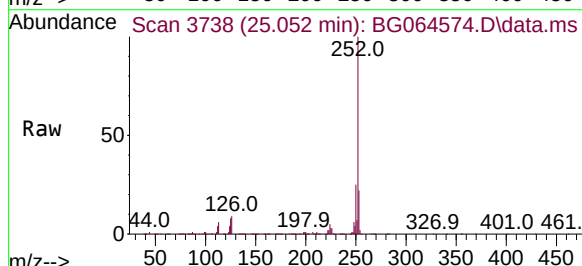
Tgt Ion:252 Resp: 1311701

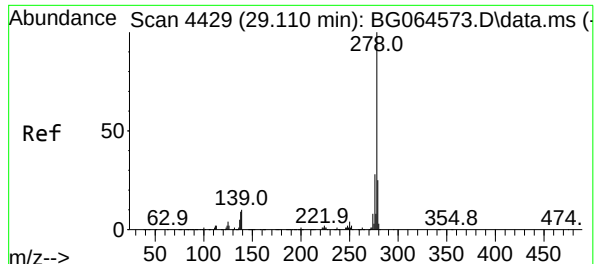
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

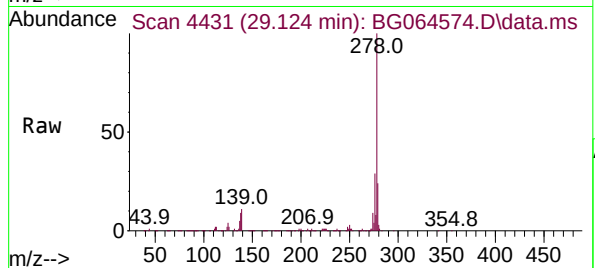
125 7.7 6.1 9.1





#91
Dibenzo(a,h)anthracene
Concen: 66.479 ng
RT: 29.124 min Scan# 4429
Delta R.T. 0.014 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

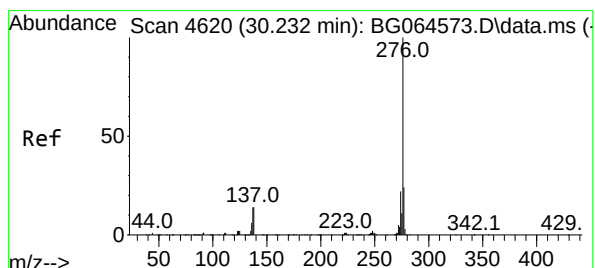
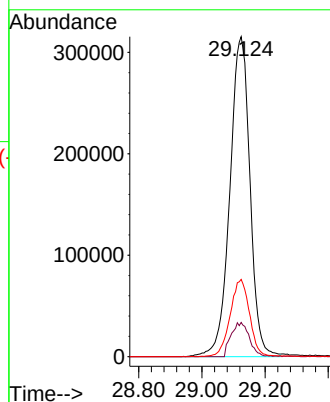
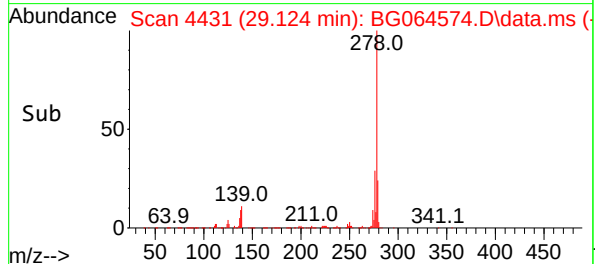
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:278 Resp: 1394234
Ion Ratio Lower Upper
278 100
139 10.7 8.0 12.0
279 24.1 19.8 29.6

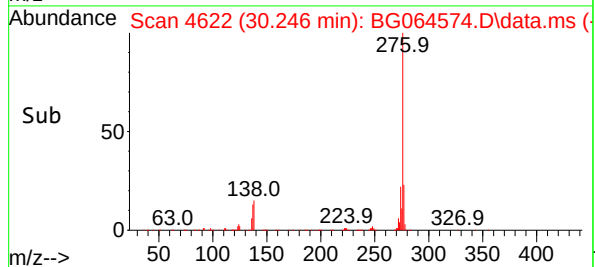
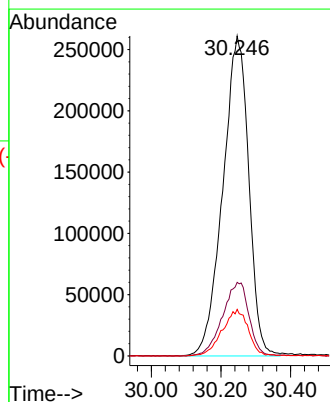
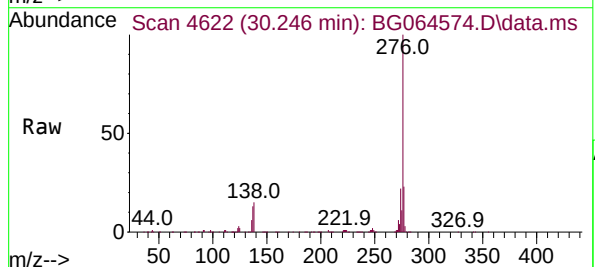
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#92
Benzo(g,h,i)perylene
Concen: 67.253 ng
RT: 30.246 min Scan# 4622
Delta R.T. 0.014 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:276 Resp: 1347382
Ion Ratio Lower Upper
276 100
277 23.0 19.1 28.7
138 14.5 11.3 16.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064575.D
 Acq On : 24 Oct 2025 14:24
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 03 18:02:41 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Nov 03 17:56:56 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.221	152	45466	20.000	ng	0.00
21) Naphthalene-d8	11.053	136	179569	20.000	ng	0.00
39) Acenaphthene-d10	14.842	164	133797	20.000	ng	0.00
64) Phenanthrene-d10	17.580	188	333421	20.000	ng	0.00
76) Chrysene-d12	21.863	240	363291	20.000	ng	0.00
86) Perylene-d12	25.201	264	382372	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.747	112	411587	151.948	ng	0.00
7) Phenol-d6	7.357	99	554287	149.124	ng	0.00
23) Nitrobenzene-d5	9.390	82	511341	171.034	ng	0.00
42) 2,4,6-Tribromophenol	16.323	330	328066	169.886	ng	0.00
45) 2-Fluorobiphenyl	13.479	172	1314892	148.960	ng	0.00
79) Terphenyl-d14	20.177	244	2697491	140.125	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.591	88	83655	69.757	ng	99
3) Pyridine	3.996	79	259519	72.062	ng	96
4) n-Nitrosodimethylamine	3.908	42	141185	73.105	ng	99
6) Aniline	7.533	93	364528	72.073	ng	99
8) 2-Chlorophenol	7.780	128	221112	77.988	ng	99
9) Benzaldehyde	7.339	77	120456	59.361	ng	94
10) Phenol	7.386	94	307886	74.900	ng	98
11) bis(2-Chloroethyl)ether	7.627	93	217960	72.119	ng	96
12) 1,3-Dichlorobenzene	8.109	146	236208	72.385	ng	98
13) 1,4-Dichlorobenzene	8.256	146	240570	72.502	ng	97
14) 1,2-Dichlorobenzene	8.579	146	233326	72.905	ng	98
15) Benzyl Alcohol	8.456	79	233374	76.140	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.743	45	573671	72.364	ng	99
17) 2-Methylphenol	8.649	107	203667	74.625	ng	97
18) Hexachloroethane	9.325	117	87876	75.469	ng	98
19) n-Nitroso-di-n-propyla...	9.031	70	192155	74.804	ng	99
20) 3+4-Methylphenols	8.984	107	285690	74.434	ng	98
22) Acetophenone	9.049	105	365265	74.412	ng	# 99
24) Nitrobenzene	9.431	77	273231	84.025	ng	97
25) Isophorone	9.966	82	539122	75.150	ng	100
26) 2-Nitrophenol	10.148	139	103090	79.938	ng	94
27) 2,4-Dimethylphenol	10.195	122	208054	77.967	ng	97
28) bis(2-Chloroethoxy)met...	10.436	93	299758	73.388	ng	99
29) 2,4-Dichlorophenol	10.682	162	231256	80.526	ng	97
30) 1,2,4-Trichlorobenzene	10.906	180	250883	76.888	ng	97
31) Naphthalene	11.100	128	744985	74.828	ng	99
32) Benzoic acid	10.342	122	169962m	77.917	ng	
33) 4-Chloroaniline	11.188	127	290611	75.100	ng	98
34) Hexachlorobutadiene	11.393	225	196140	76.863	ng	99
35) Caprolactam	11.975	113	83266	75.596	ng	93
36) 4-Chloro-3-methylphenol	12.298	107	265909	77.031	ng	99
37) 2-Methylnaphthalene	12.692	142	542132	74.168	ng	99
38) 1-Methylnaphthalene	12.909	142	527717	72.945	ng	98
40) 1,2,4,5-Tetrachloroben...	13.056	216	351719	78.328	ng	99
41) Hexachlorocyclopentadiene	13.038	237	163461	80.876	ng	99
43) 2,4,6-Trichlorophenol	13.279	196	218318	84.998	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064575.D
 Acq On : 24 Oct 2025 14:24
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025

Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 03 18:02:41 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Nov 03 17:56:56 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.350	196	243241	82.064	ng	99
46) 1,1'-Biphenyl	13.685	154	713186	74.977	ng	100
47) 2-Chloronaphthalene	13.732	162	547242	76.218	ng	99
48) 2-Nitroaniline	13.914	65	196580	79.301	ng	95
49) Acenaphthylene	14.566	152	858511	75.806	ng	99
50) Dimethylphthalate	14.290	163	782708	76.450	ng	98
51) 2,6-Dinitrotoluene	14.402	165	135769	78.216	ng	98
52) Acenaphthene	14.913	154	589213	76.150	ng	99
53) 3-Nitroaniline	14.731	138	159072	90.409	ng	96
54) 2,4-Dinitrophenol	14.930	184	82655	79.755	ng	# 65
55) Dibenzofuran	15.242	168	923386	73.816	ng	99
56) 4-Nitrophenol	15.018	139	142966	87.640	ng	98
57) 2,4-Dinitrotoluene	15.189	165	212164	79.117	ng	96
58) Fluorene	15.888	166	711212	72.801	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.459	232	240094	84.708	ng	99
60) Diethylphthalate	15.653	149	803621	76.874	ng	100
61) 4-Chlorophenyl-phenyle...	15.876	204	408239	74.463	ng	99
62) 4-Nitroaniline	15.894	138	173159	88.462	ng	96
63) Azobenzene	16.170	77	723988	75.482	ng	99
65) 4,6-Dinitro-2-methylph...	15.947	198	124101	80.450	ng	95
66) n-Nitrosodiphenylamine	16.088	169	666665	74.020	ng	98
67) 4-Bromophenyl-phenylether	16.769	248	299348	75.762	ng	99
68) Hexachlorobenzene	16.893	284	341338	75.724	ng	96
69) Atrazine	17.028	200	281950	72.745	ng	97
70) Pentachlorophenol	17.228	266	235472	83.771	ng	93
71) Phenanthrene	17.627	178	1340610	73.525	ng	99
72) Anthracene	17.715	178	1367044	73.704	ng	99
73) Carbazole	17.974	167	1195960	73.122	ng	99
74) Di-n-butylphthalate	18.538	149	1433446	75.790	ng	100
75) Fluoranthene	19.619	202	1663673	72.835	ng	98
77) Benzidine	19.783	184	556525	68.376	ng	98
78) Pyrene	19.977	202	1737788	73.215	ng	99
80) Butylbenzylphthalate	20.859	149	595333	82.988	ng	98
81) Benzo(a)anthracene	21.840	228	1805628	74.959	ng	99
82) 3,3'-Dichlorobenzidine	21.740	252	615546	76.524	ng	99
83) Chrysene	21.910	228	1704533	74.368	ng	97
84) Bis(2-ethylhexyl)phtha...	21.752	149	854027	79.672	ng	98
85) Di-n-octyl phthalate	23.015	149	1432956	79.289	ng	100
87) Indeno(1,2,3-cd)pyrene	29.061	276	2156428	76.663	ng	98
88) Benzo(b)fluoranthene	24.143	252	1810094	77.199	ng	99
89) Benzo(k)fluoranthene	24.219	252	1757758	74.916	ng	98
90) Benzo(a)pyrene	25.060	252	1649779	76.546	ng	99
91) Dibenzo(a,h)anthracene	29.137	278	1747890	76.486	ng	98
92) Benzo(g,h,i)perylene	30.265	276	1669976	76.498	ng	99

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

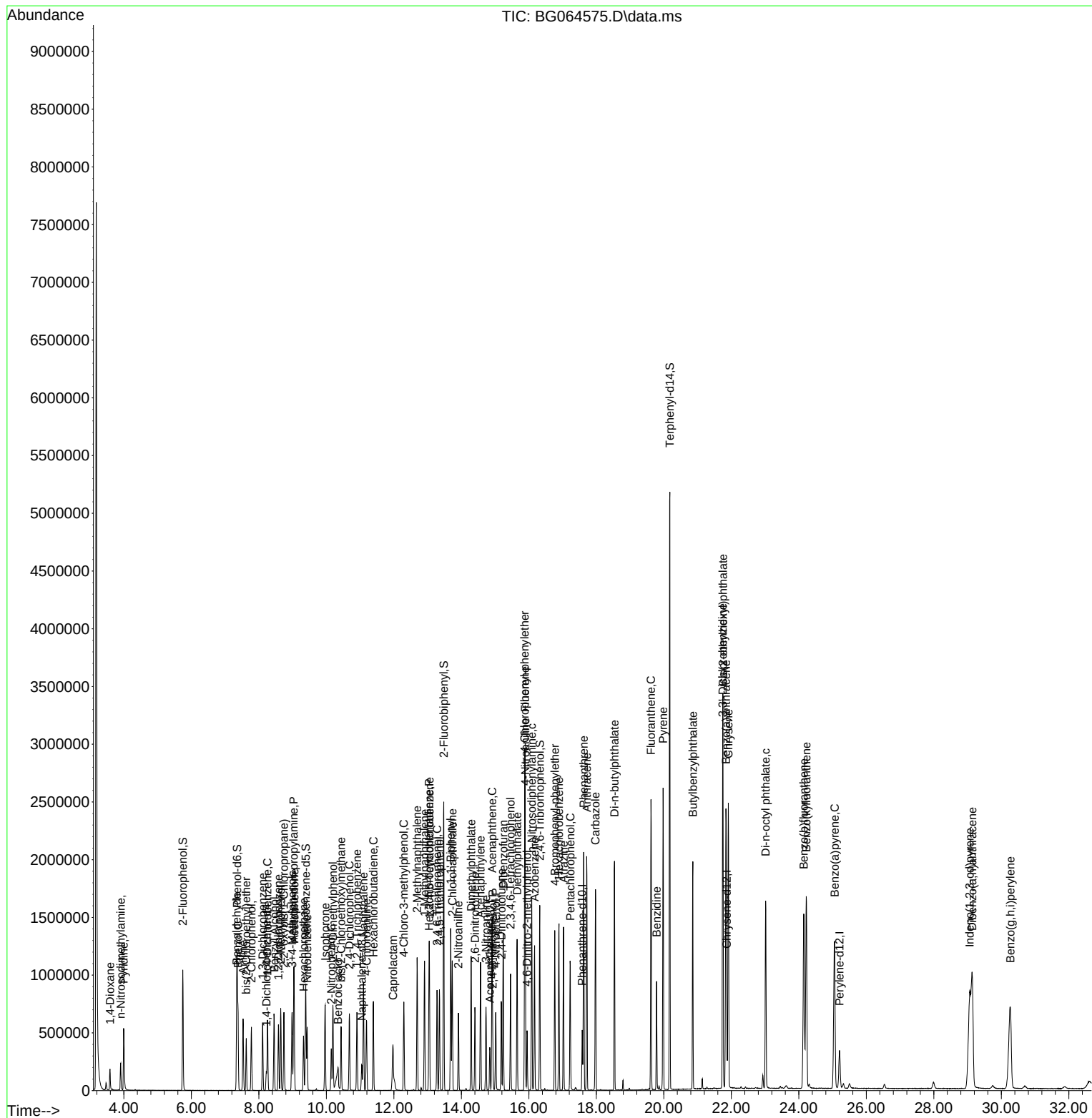
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064575.D
Acq On : 24 Oct 2025 14:24
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

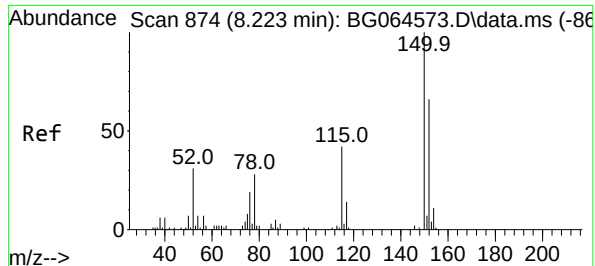
Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

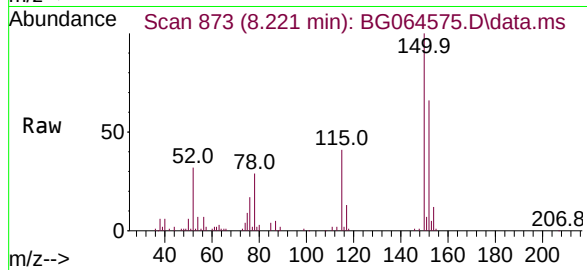
Quant Time: Nov 03 18:02:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.221 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

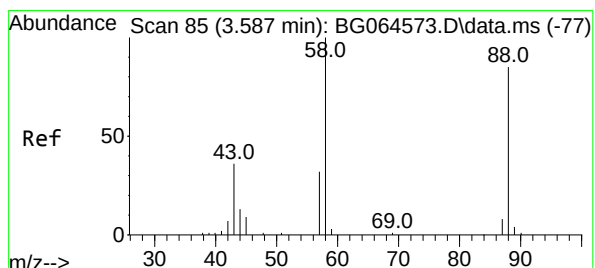
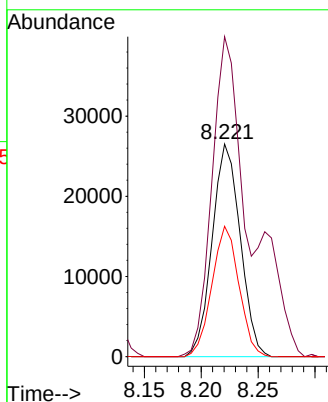
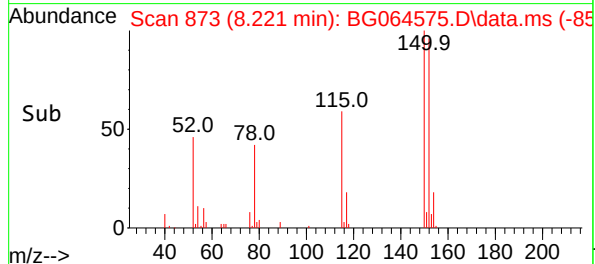
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:152 Resp: 45466
Ion Ratio Lower Upper
152 100
150 150.5 122.2 183.4
115 61.3 50.8 76.2

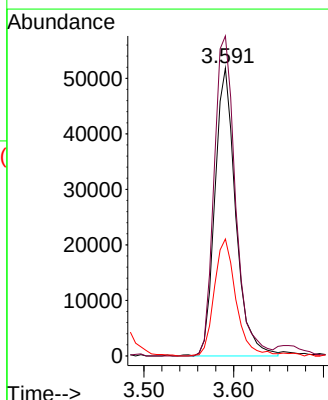
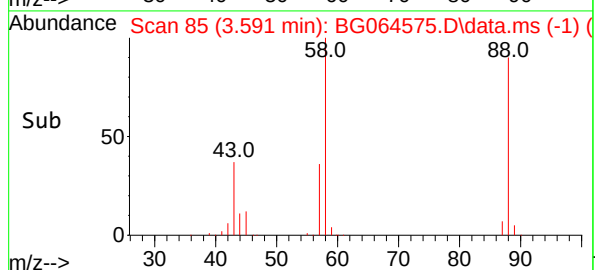
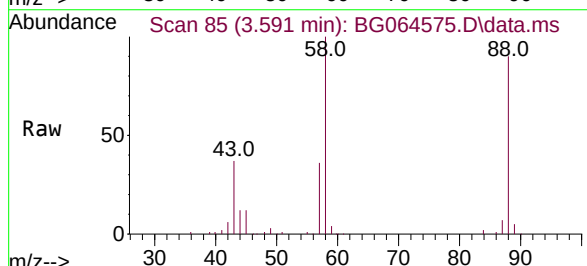
Manual Integrations
APPROVED

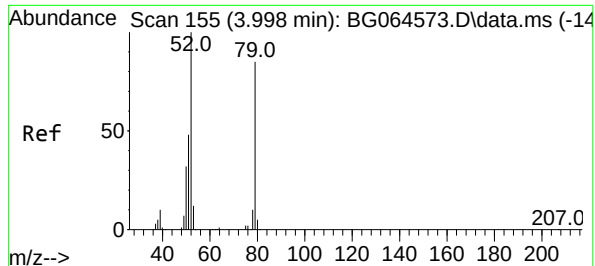
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#2
1,4-Dioxane
Concen: 69.757 ng
RT: 3.591 min Scan# 85
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

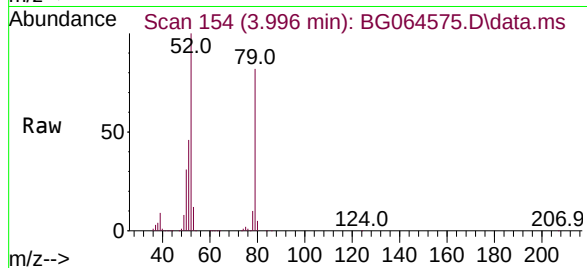
Tgt Ion: 88 Resp: 83655
Ion Ratio Lower Upper
88 100
58 114.3 92.4 138.6
43 42.2 33.0 49.6





#3
Pyridine
Concen: 72.062 ng
RT: 3.996 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

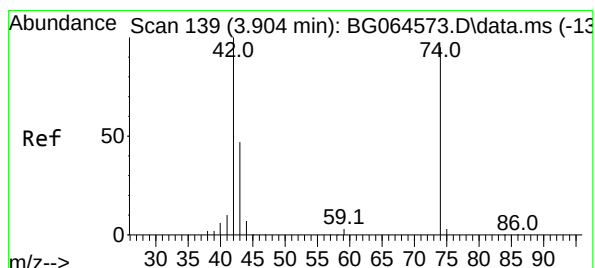
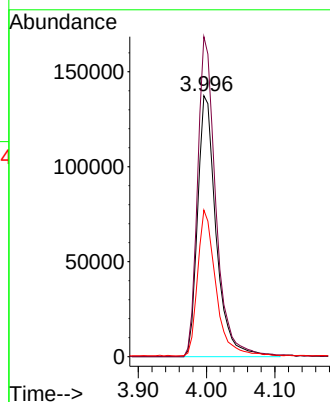
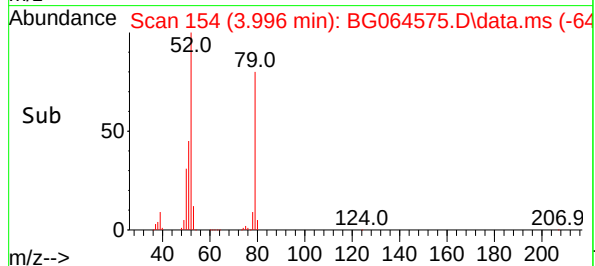
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion: 79 Resp: 259519
Ion Ratio Lower Upper
79 100
52 122.7 94.2 141.2
51 56.2 46.1 69.1

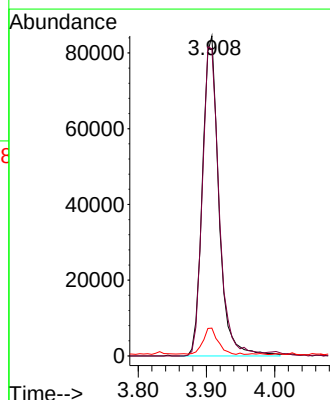
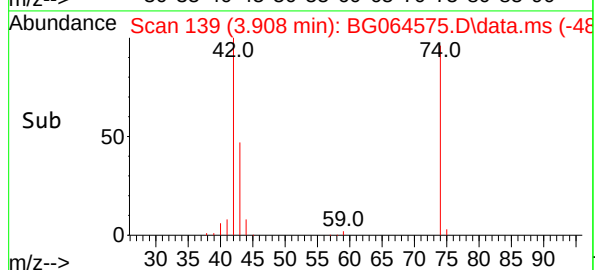
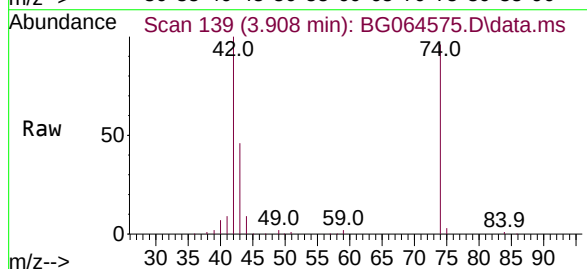
Manual Integrations
APPROVED

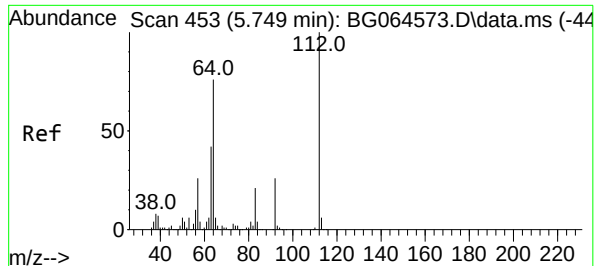
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#4
n-Nitrosodimethylamine
Concen: 73.105 ng
RT: 3.908 min Scan# 139
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

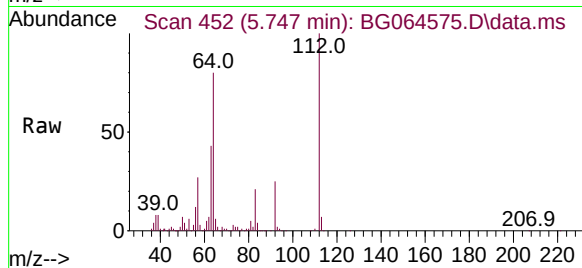
Tgt Ion: 42 Resp: 141185
Ion Ratio Lower Upper
42 100
74 96.0 76.1 114.1
44 8.7 6.3 9.5





#5
2-Fluorophenol
Concen: 151.948 ng
RT: 5.747 min Scan# 452
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

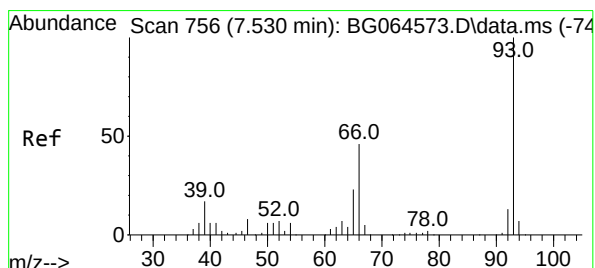
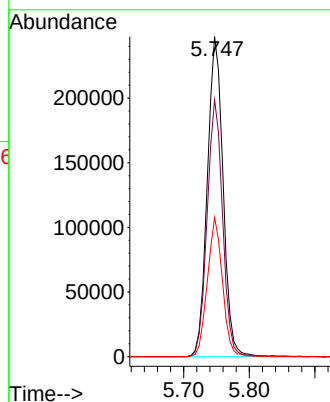
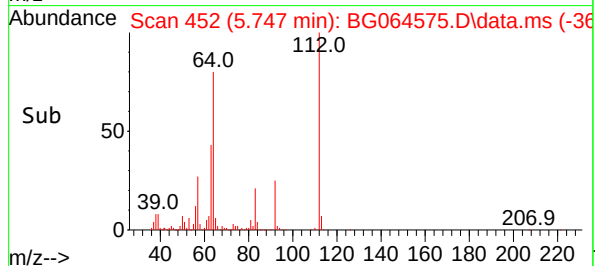
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion: 112 Resp: 411587
Ion Ratio Lower Upper
112 100
64 80.3 60.7 91.1
63 43.5 33.4 50.0

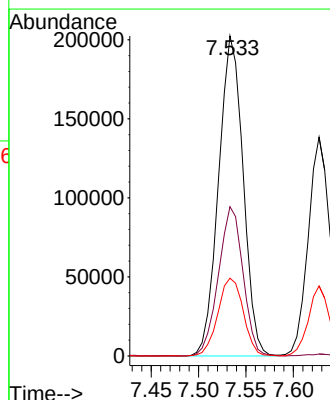
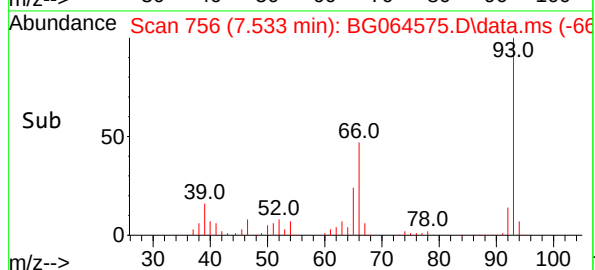
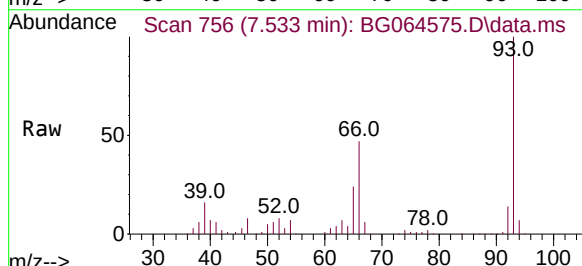
Manual Integrations
APPROVED

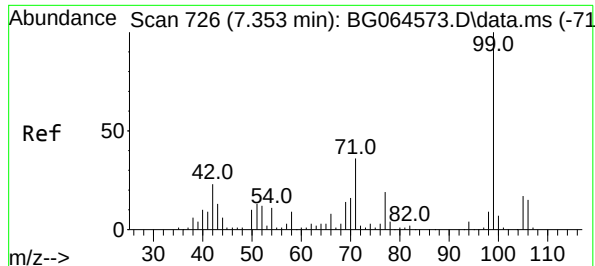
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#6
Aniline
Concen: 72.073 ng
RT: 7.533 min Scan# 756
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion: 93 Resp: 364528
Ion Ratio Lower Upper
93 100
66 46.6 37.0 55.6
65 24.3 18.3 27.5





#7

Phenol-d6

Concen: 149.124 ng

RT: 7.357 min Scan# 71

Delta R.T. 0.004 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion: 99 Resp: 55428

Ion Ratio Lower Upper

99 100

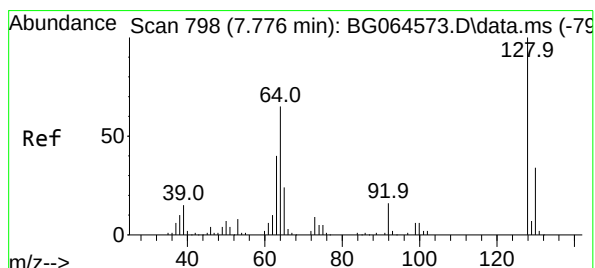
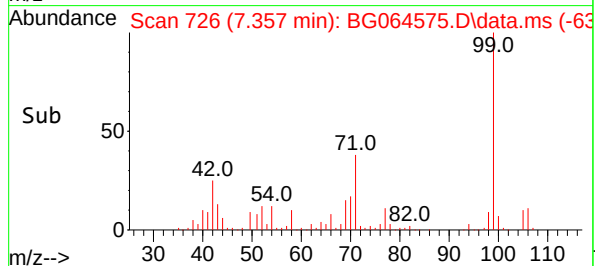
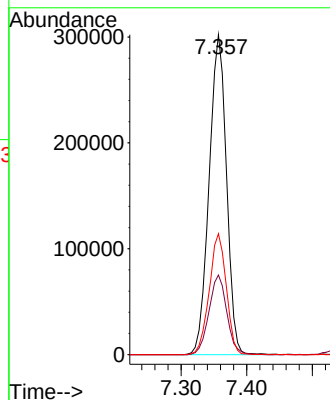
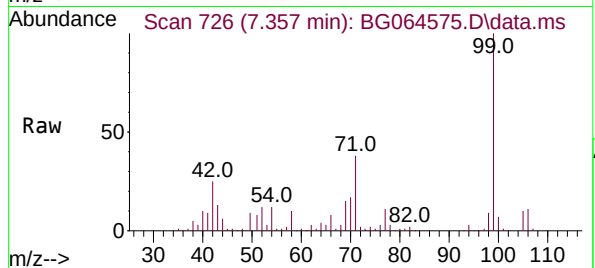
42 24.9 18.3 27.5

71 37.8 28.6 43.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025



#8

2-Chlorophenol

Concen: 77.988 ng

RT: 7.780 min Scan# 798

Delta R.T. 0.004 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

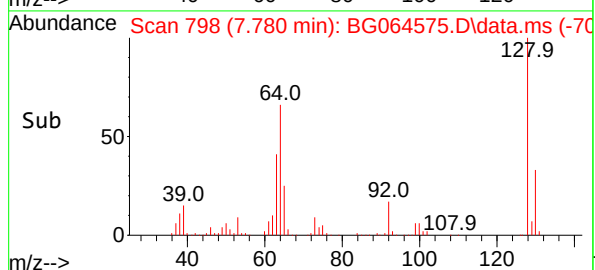
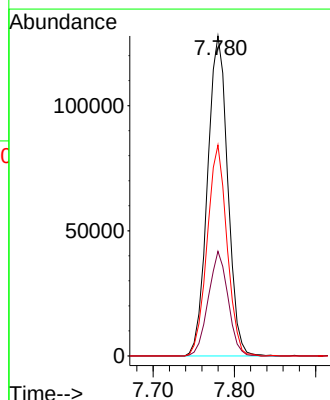
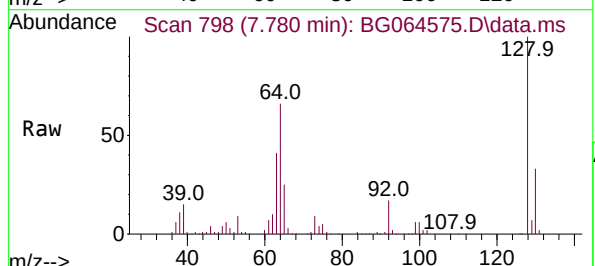
Tgt Ion:128 Resp: 221112

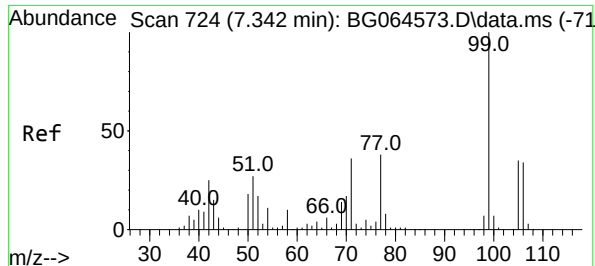
Ion Ratio Lower Upper

128 100

130 32.7 13.5 53.5

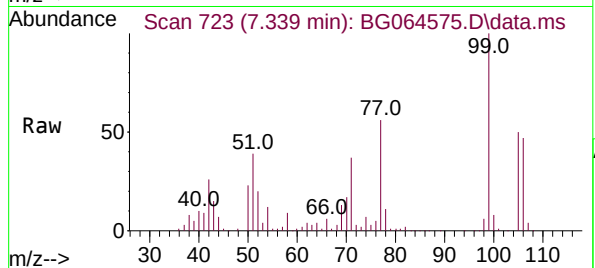
64 65.9 45.2 85.2





#9
Benzaldehyde
Concen: 59.361 ng
RT: 7.339 min Scan# 71
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

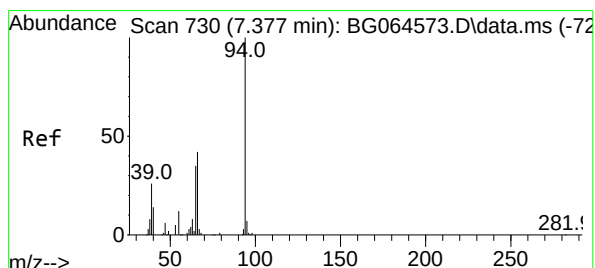
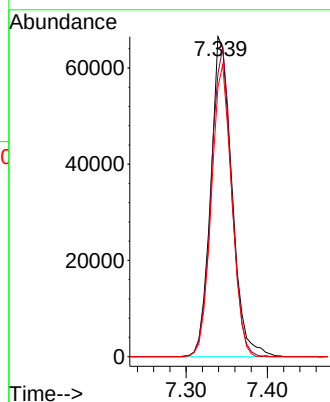
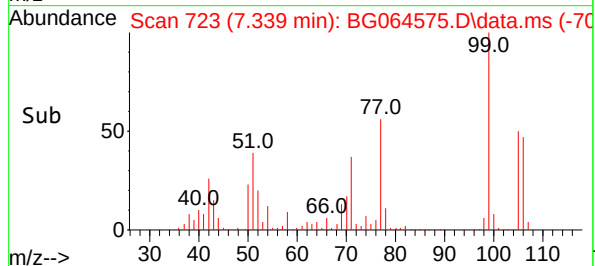
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



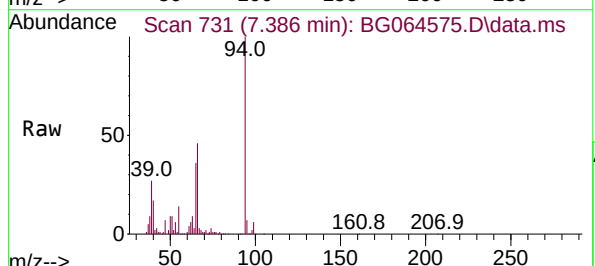
Tgt Ion: 77 Resp: 120456
Ion Ratio Lower Upper
77 100
105 88.4 72.9 112.9
106 84.2 70.8 110.8

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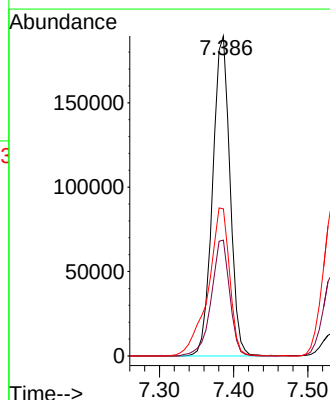
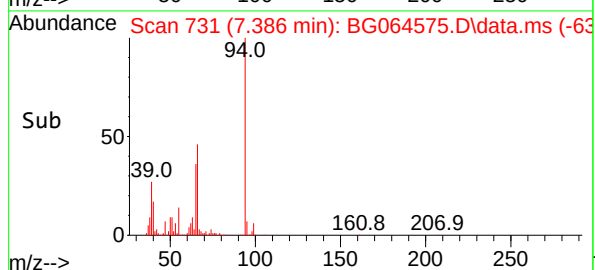
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

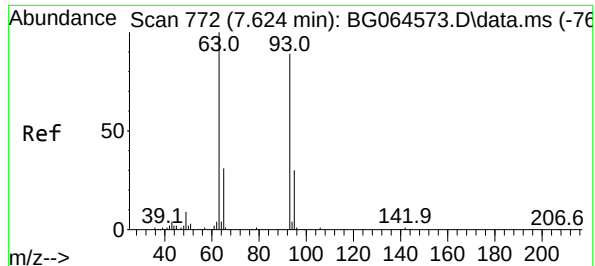


#10
Phenol
Concen: 74.900 ng
RT: 7.386 min Scan# 731
Delta R.T. 0.009 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24



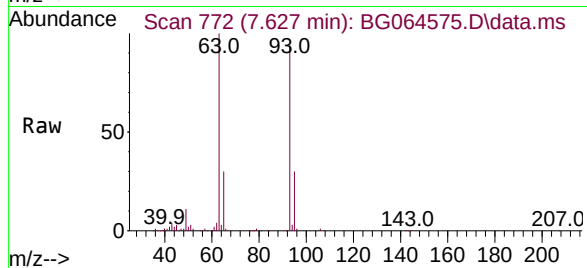
Tgt Ion: 94 Resp: 307886
Ion Ratio Lower Upper
94 100
65 36.2 15.8 55.8
66 46.0 24.0 64.0





#11
bis(2-Chloroethyl)ether
Concen: 72.119 ng
RT: 7.627 min Scan# 71
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

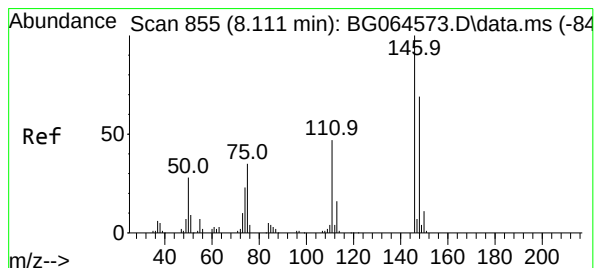
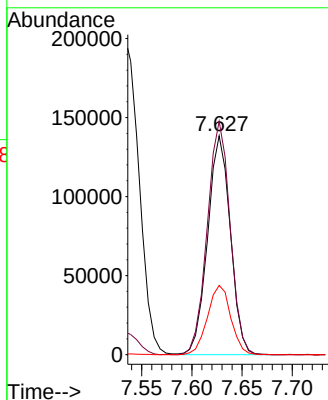
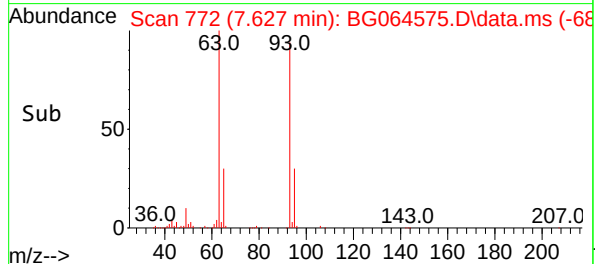
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion: 93 Resp: 217960
Ion Ratio Lower Upper
93 100
63 106.7 91.3 131.3
95 31.7 13.3 53.3

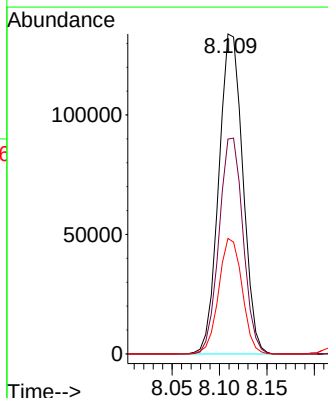
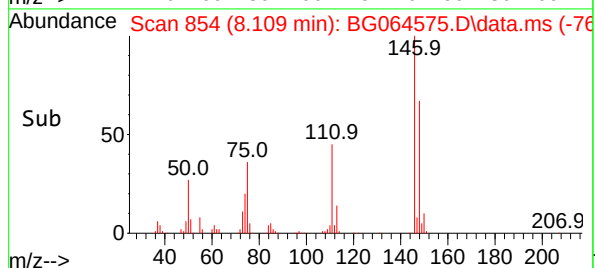
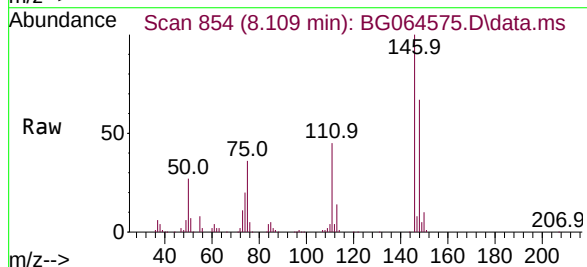
Manual Integrations
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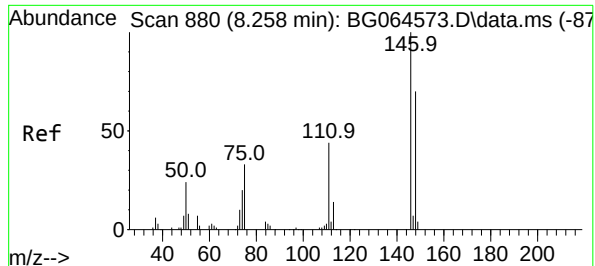
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#12
1,3-Dichlorobenzene
Concen: 72.385 ng
RT: 8.109 min Scan# 854
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:146 Resp: 236208
Ion Ratio Lower Upper
146 100
148 67.1 55.3 82.9
75 36.1 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 72.502 ng

RT: 8.256 min Scan# 81

Delta R.T. -0.002 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 240570

Ion Ratio Lower Upper

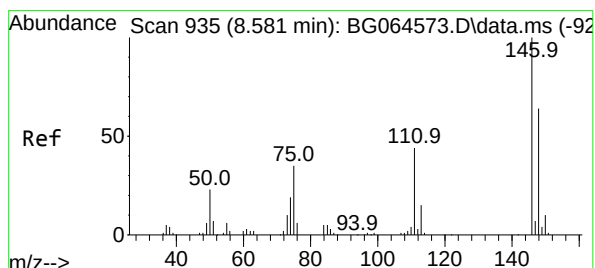
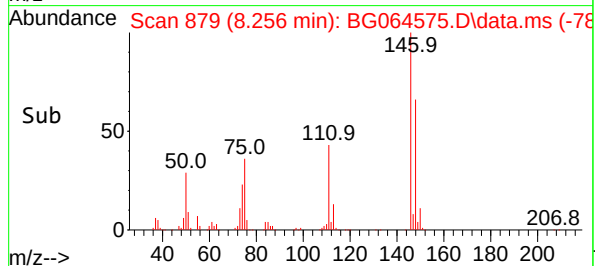
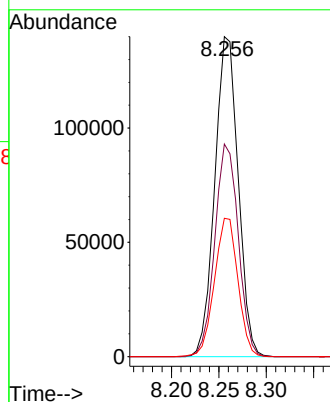
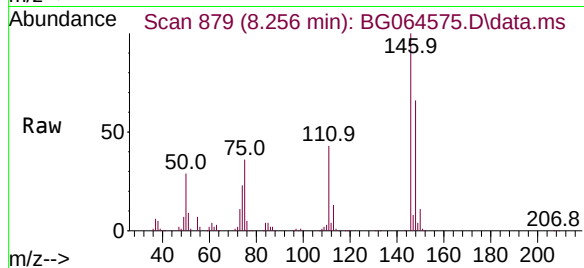
146 100

148 66.4 56.2 84.4

111 43.2 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#14

1,2-Dichlorobenzene

Concen: 72.905 ng

RT: 8.579 min Scan# 934

Delta R.T. -0.002 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

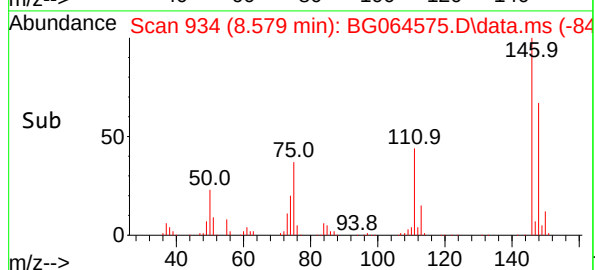
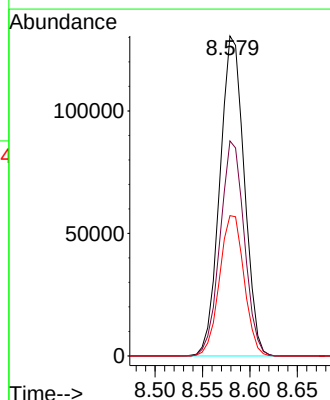
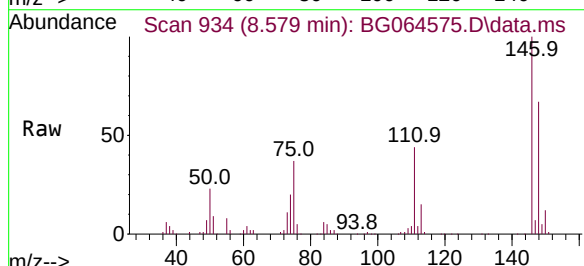
Tgt Ion:146 Resp: 233326

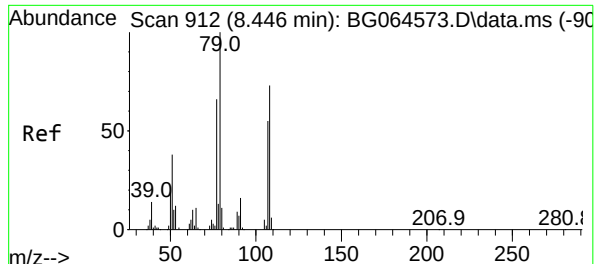
Ion Ratio Lower Upper

146 100

148 67.2 51.5 77.3

111 43.8 35.0 52.6





#15

Benzyl Alcohol

Concen: 76.140 ng

RT: 8.456 min Scan# 912

Delta R.T. 0.009 min

Lab File: BG064575.D

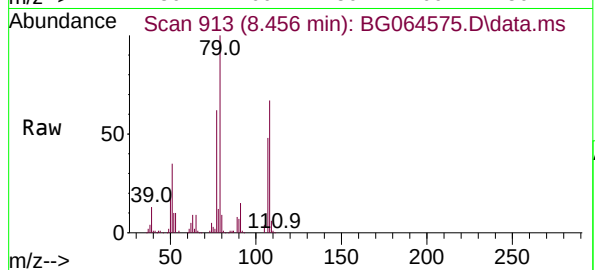
Acq: 24 Oct 2025 14:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC080



Tgt Ion: 79 Resp: 233374

Ion Ratio Lower Upper

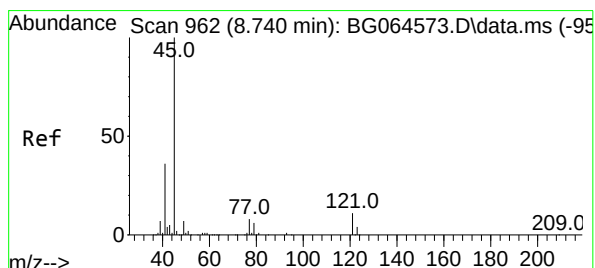
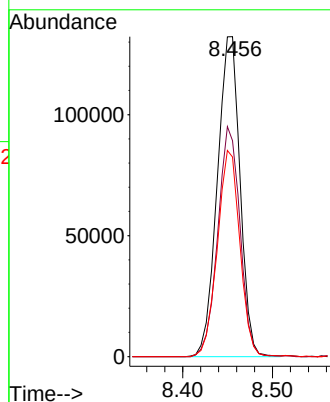
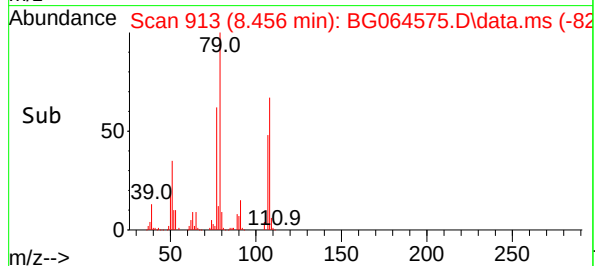
79 100

108 67.5 58.1 87.1

77 62.4 52.8 79.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#16

2,2'-oxybis(1-Chloropropane)

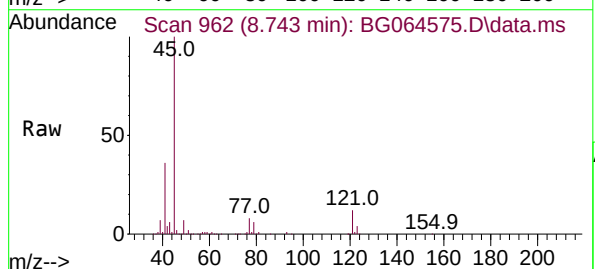
Concen: 72.364 ng

RT: 8.743 min Scan# 962

Delta R.T. 0.004 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24



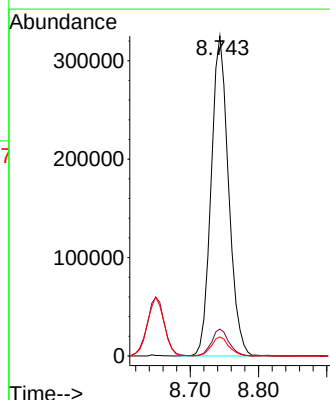
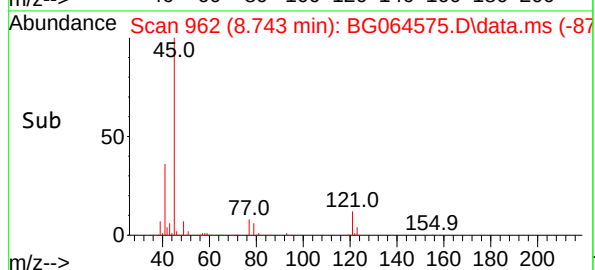
Tgt Ion: 45 Resp: 573671

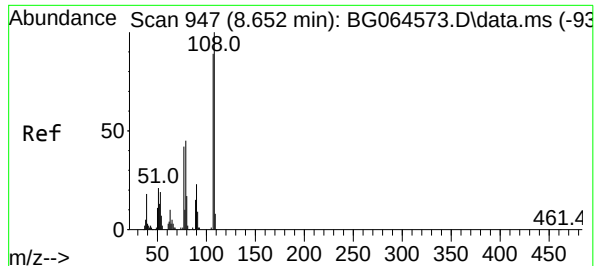
Ion Ratio Lower Upper

45 100

77 8.4 0.0 28.5

79 5.9 0.0 25.6





#17

2-Methylphenol

Concen: 74.625 ng

RT: 8.649 min Scan# 947

Delta R.T. -0.002 min

Lab File: BG064575.D

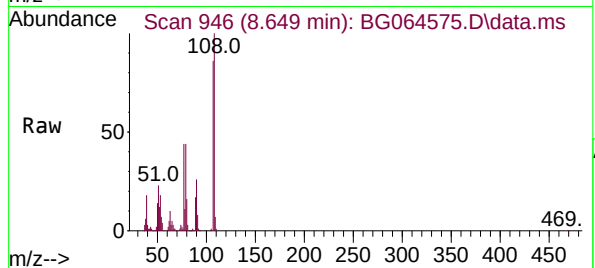
Acq: 24 Oct 2025 14:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC080



Tgt Ion:107 Resp: 203662

Ion Ratio Lower Upper

107 100

108 115.8 90.0 135.0

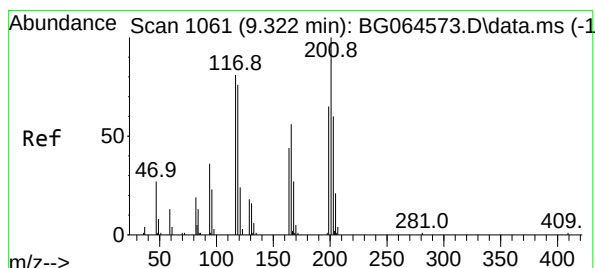
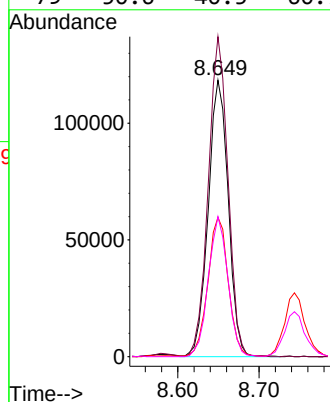
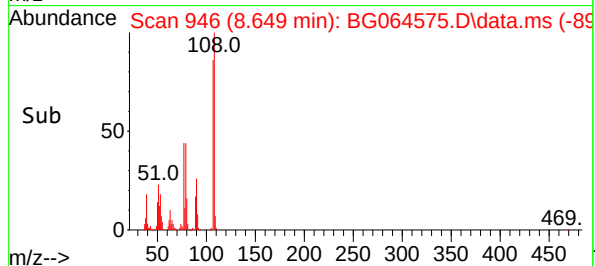
77 50.4 37.8 56.8

79 50.6 40.5 60.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025



#18

Hexachloroethane

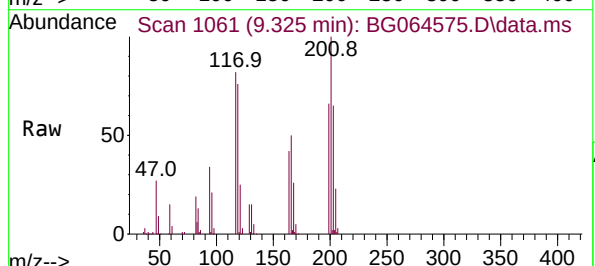
Concen: 75.469 ng

RT: 9.325 min Scan# 1061

Delta R.T. 0.004 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24



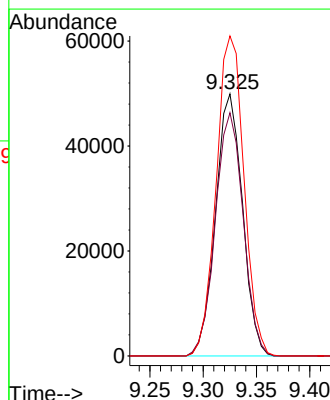
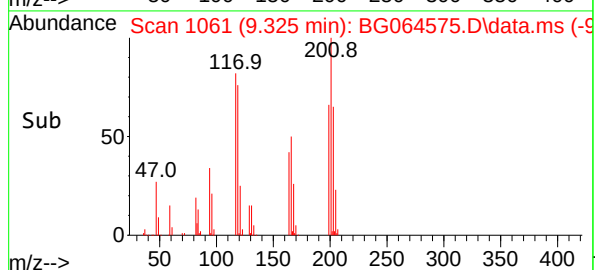
Tgt Ion:117 Resp: 87876

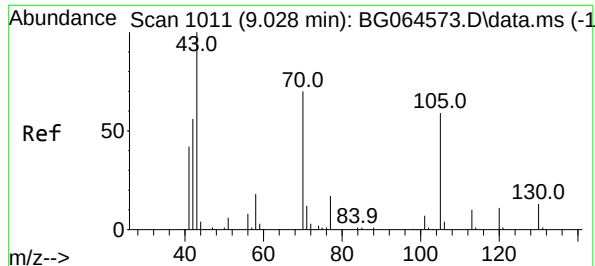
Ion Ratio Lower Upper

117 100

119 92.8 75.4 113.2

201 122.1 99.2 148.8





#19

n-Nitroso-di-n-propylamine

Concen: 74.804 ng

RT: 9.031 min Scan# 1011

Delta R.T. 0.004 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion: 70 Resp: 19215

Ion Ratio Lower Upper

70 100

42 80.5 65.2 97.8

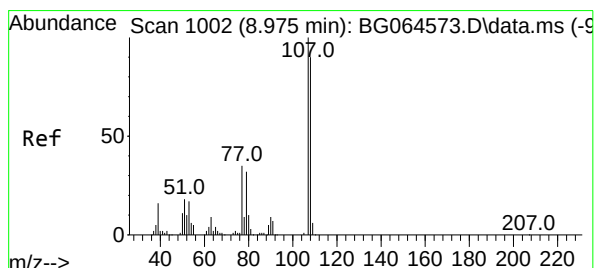
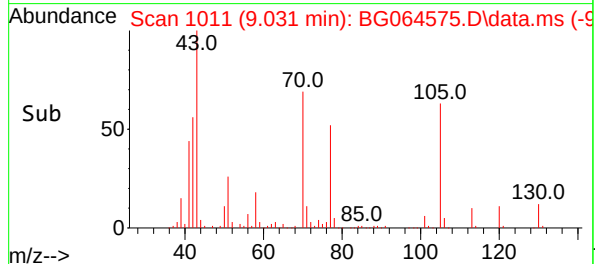
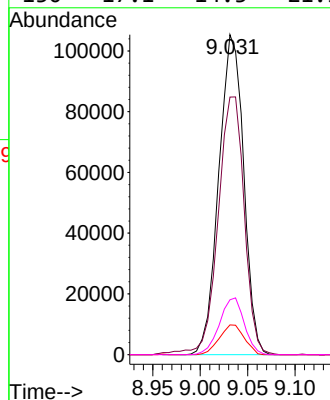
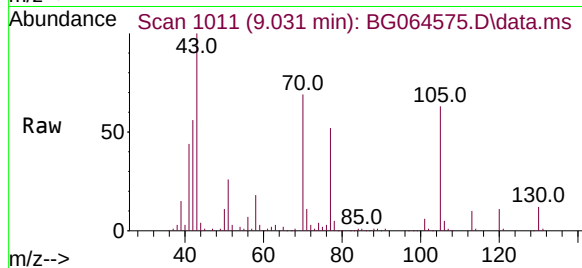
101 9.3 7.9 11.9

130 17.1 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025



#20

3+4-Methylphenols

Concen: 74.434 ng

RT: 8.984 min Scan# 1003

Delta R.T. 0.009 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

Tgt Ion:107 Resp: 285690

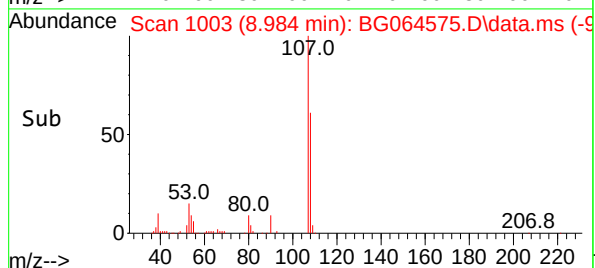
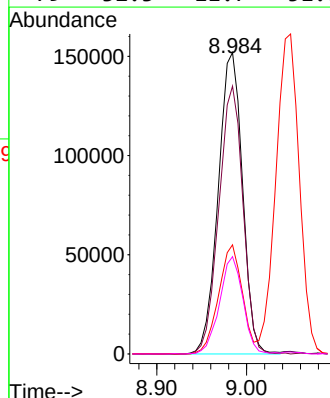
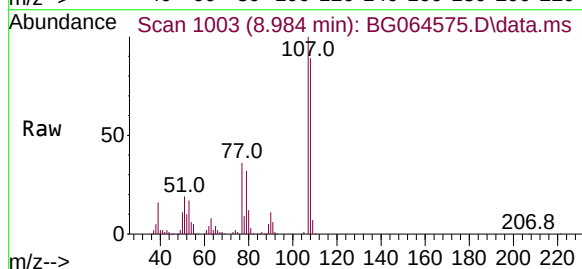
Ion Ratio Lower Upper

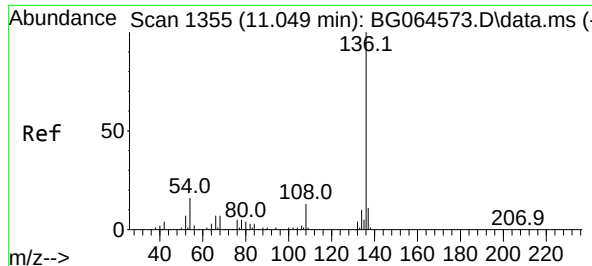
107 100

108 88.9 70.3 110.3

77 36.2 14.6 54.6

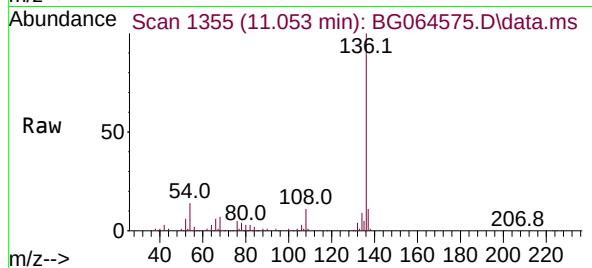
79 32.3 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.053 min Scan# 1355
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

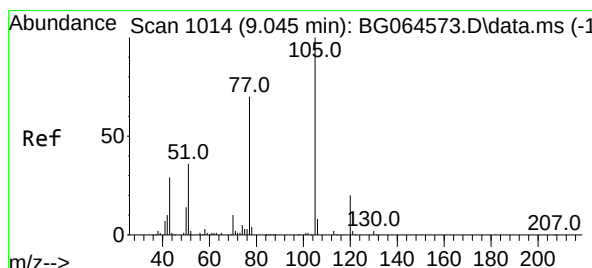
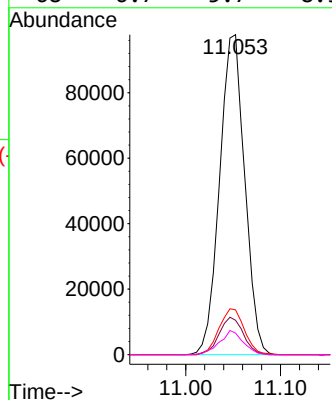
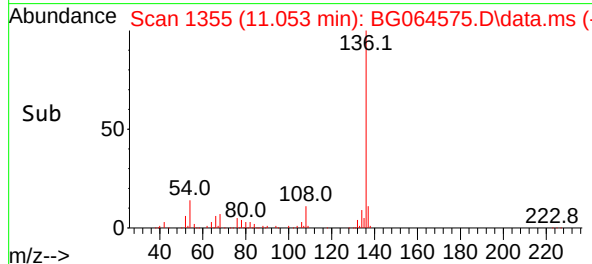
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:136 Resp: 179569
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 14.0 12.6 19.0
68 6.7 5.7 8.5

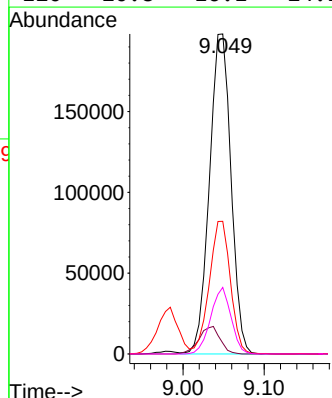
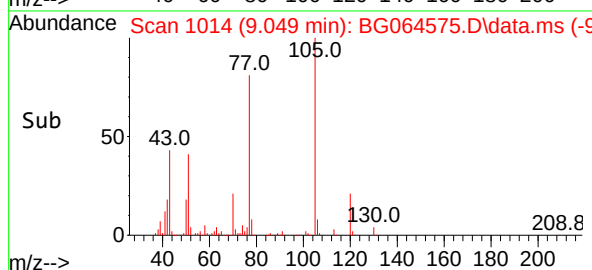
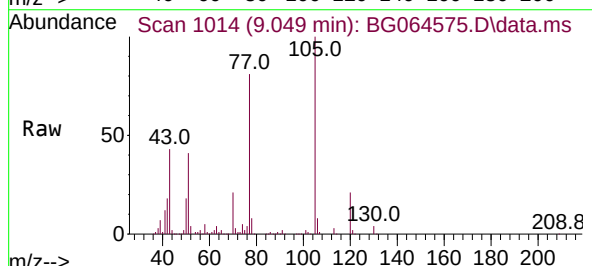
Manual Integrations
APPROVED

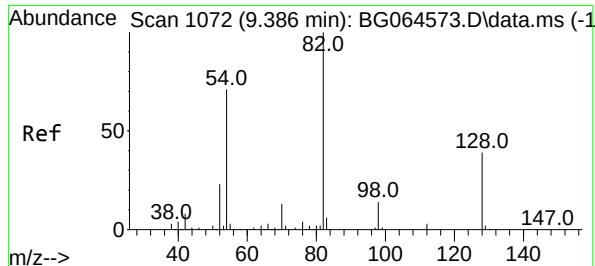
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#22
Acetophenone
Concen: 74.412 ng
RT: 9.049 min Scan# 1014
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:105 Resp: 365265
Ion Ratio Lower Upper
105 100
71 3.4 1.5 2.3#
51 41.4 33.7 50.5
120 20.8 16.1 24.1





#23

Nitrobenzene-d5

Concen: 171.034 ng

RT: 9.390 min Scan# 1072

Delta R.T. 0.004 min

Lab File: BG064575.D

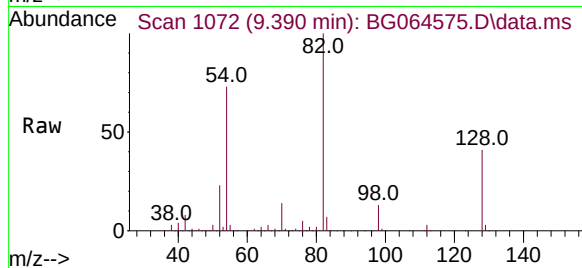
Acq: 24 Oct 2025 14:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC080



Tgt Ion: 82 Resp: 51134

Ion Ratio Lower Upper

82 100

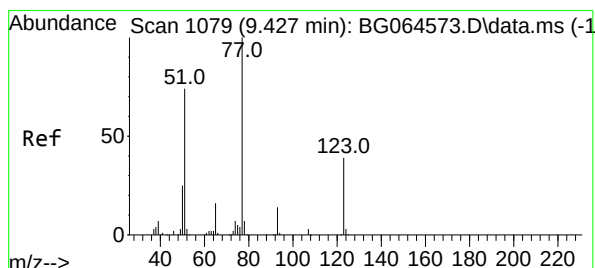
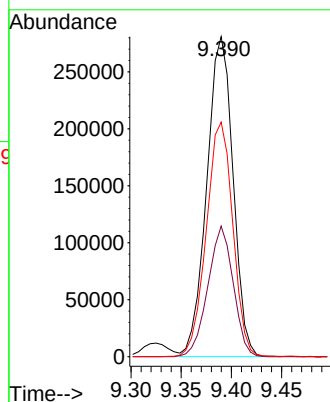
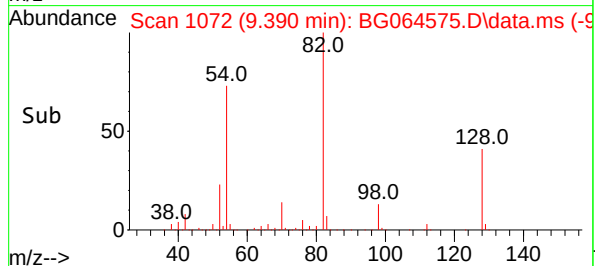
128 40.8 31.3 46.9

54 73.3 56.6 84.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025



#24

Nitrobenzene

Concen: 84.025 ng

RT: 9.431 min Scan# 1079

Delta R.T. 0.004 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

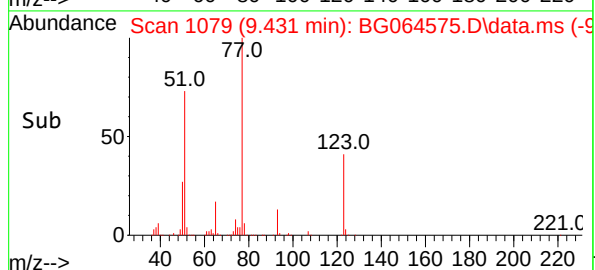
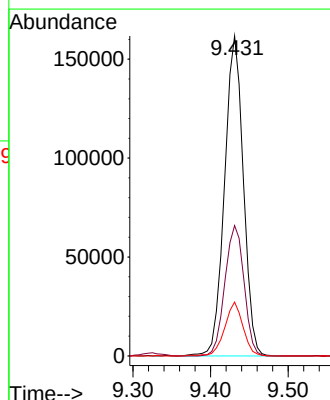
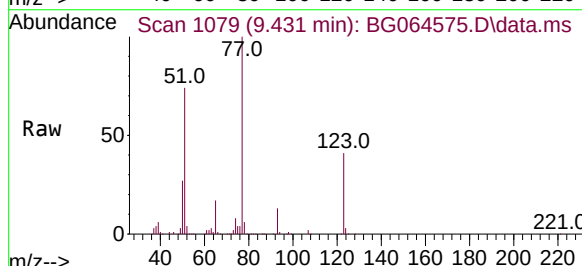
Tgt Ion: 77 Resp: 273231

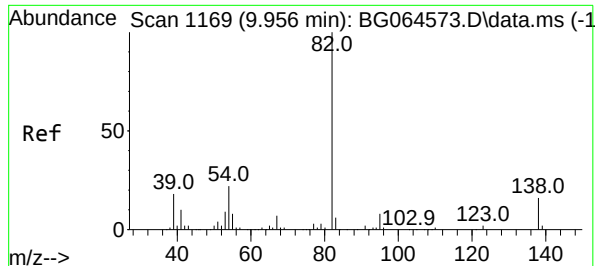
Ion Ratio Lower Upper

77 100

123 40.7 31.0 46.6

65 16.8 12.7 19.1





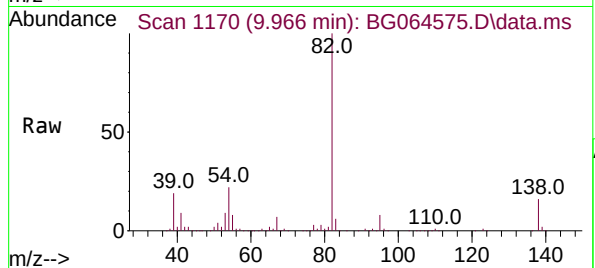
#25
Isophorone
Concen: 75.150 ng
RT: 9.966 min Scan# 1169
Delta R.T. 0.009 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

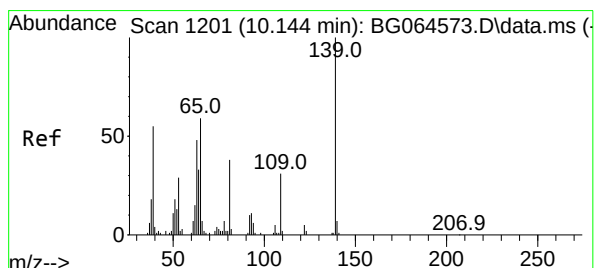
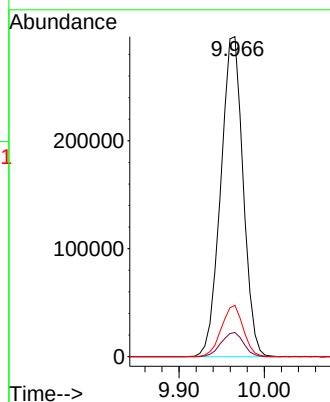
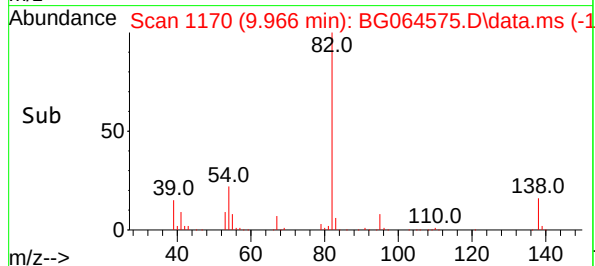


Tgt Ion: 82 Resp: 539122
Ion Ratio Lower Upper
82 100
95 7.5 6.1 9.1
138 16.0 13.0 19.4

Manual Integrations

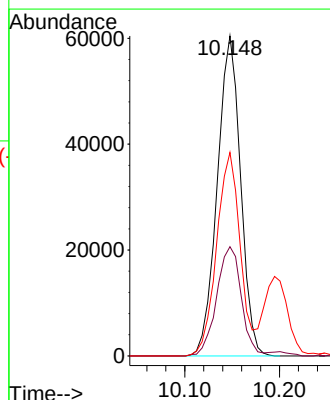
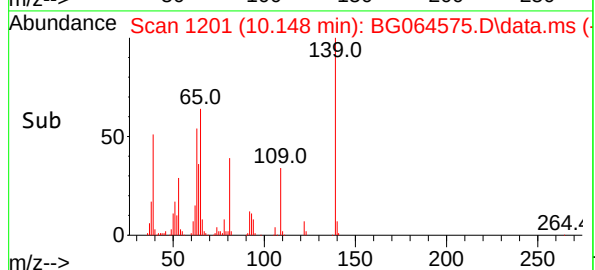
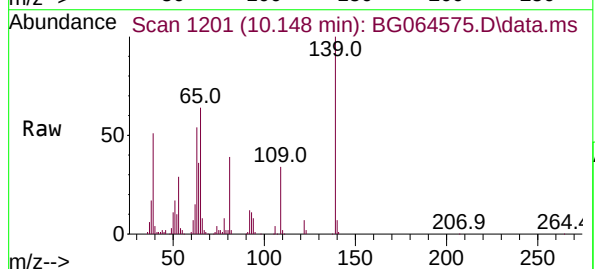
APPROVED

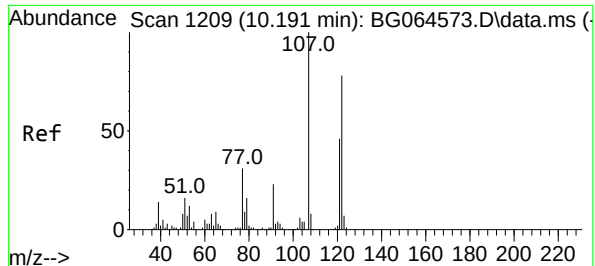
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#26
2-Nitrophenol
Concen: 79.938 ng
RT: 10.148 min Scan# 1201
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

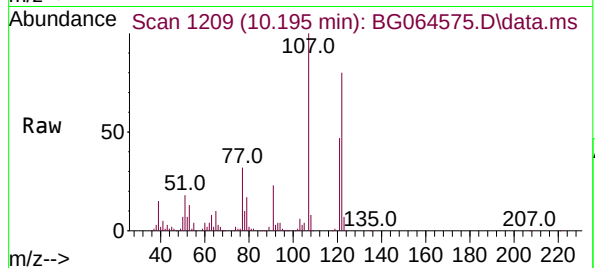
Tgt Ion:139 Resp: 103090
Ion Ratio Lower Upper
139 100
109 34.1 24.6 37.0
65 63.6 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 77.967 ng
RT: 10.195 min Scan# 1209
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

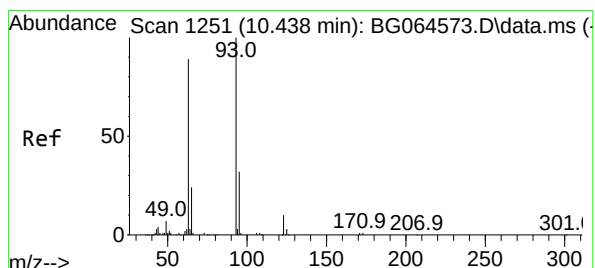
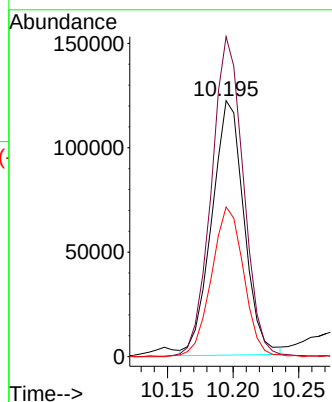
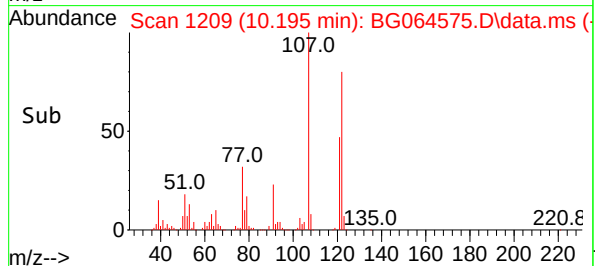
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:122 Resp: 208054
Ion Ratio Lower Upper
122 100
107 125.0 103.0 154.4
121 58.5 47.8 71.8

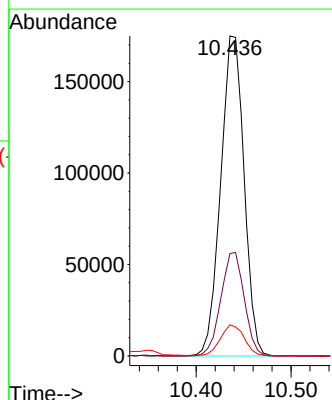
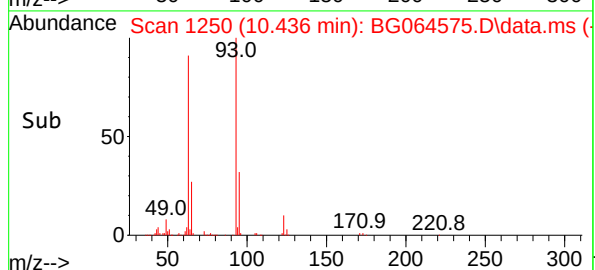
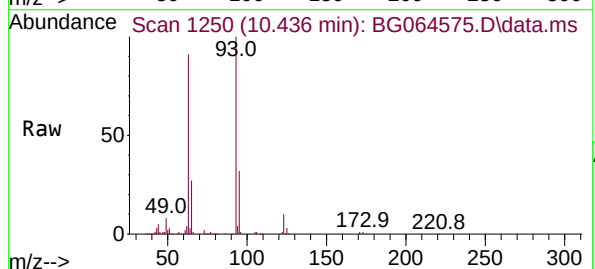
Manual Integrations
APPROVED

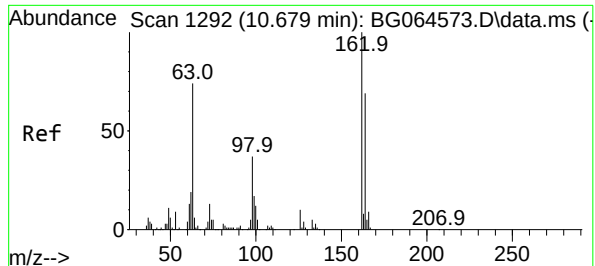
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#28
bis(2-Chloroethoxy)methane
Concen: 73.388 ng
RT: 10.436 min Scan# 1250
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion: 93 Resp: 299758
Ion Ratio Lower Upper
93 100
95 32.0 25.4 38.2
123 9.7 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 80.526 ng

RT: 10.682 min Scan# 1292

Delta R.T. 0.004 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:162 Resp: 231256

Ion Ratio Lower Upper

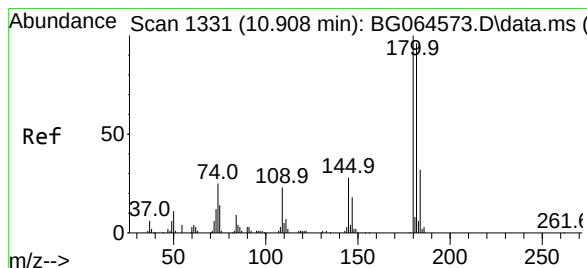
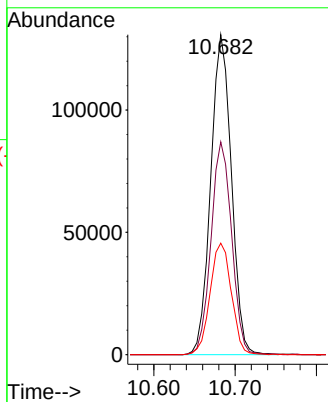
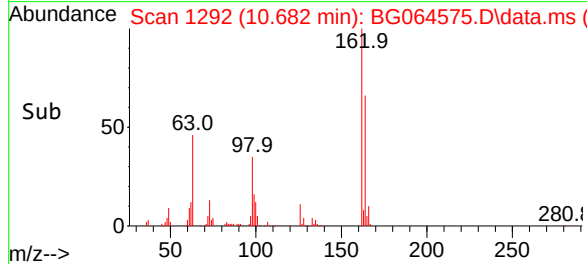
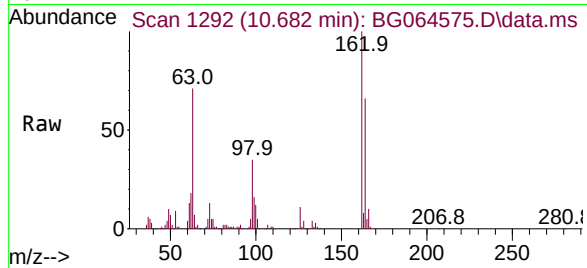
162 100

164 66.5 48.7 88.7

98 34.8 16.9 56.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#30

1,2,4-Trichlorobenzene

Concen: 76.888 ng

RT: 10.906 min Scan# 1330

Delta R.T. -0.002 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

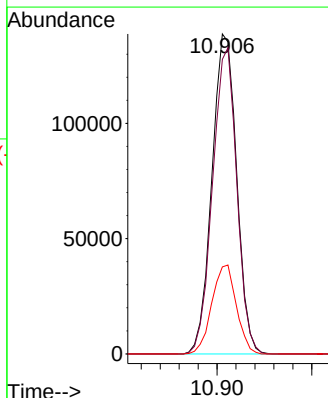
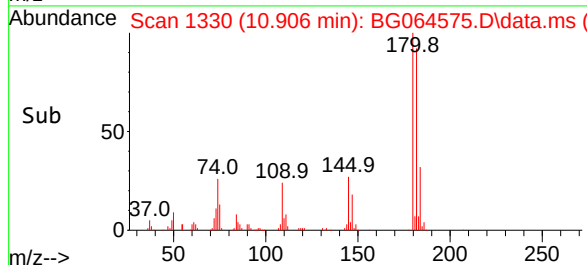
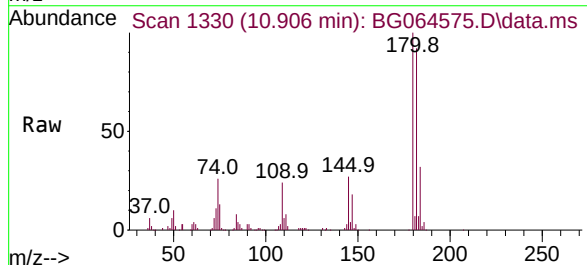
Tgt Ion:180 Resp: 250883

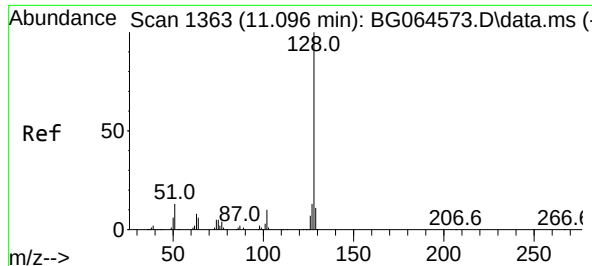
Ion Ratio Lower Upper

180 100

182 92.0 76.9 115.3

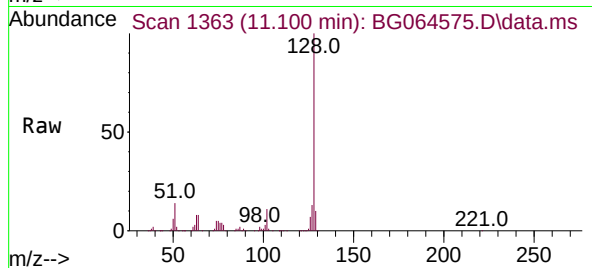
145 27.2 22.1 33.1





#31
Naphthalene
Concen: 74.828 ng
RT: 11.100 min Scan# 1363
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

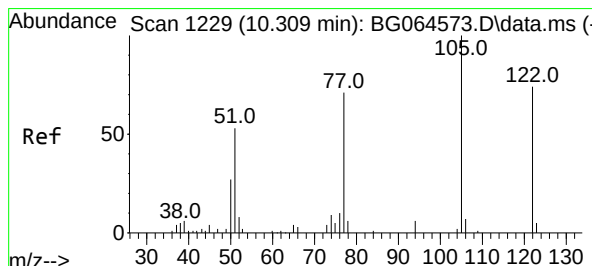
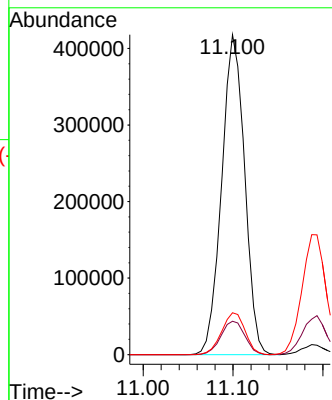
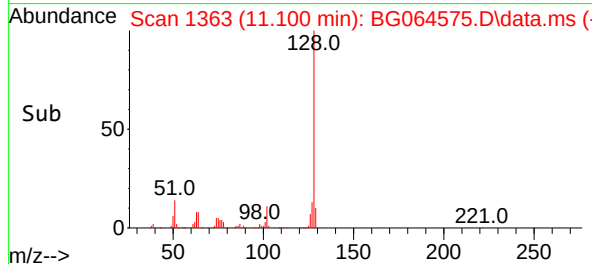
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:128 Resp: 744985
Ion Ratio Lower Upper
128 100
129 10.4 8.8 13.2
127 13.1 10.6 15.8

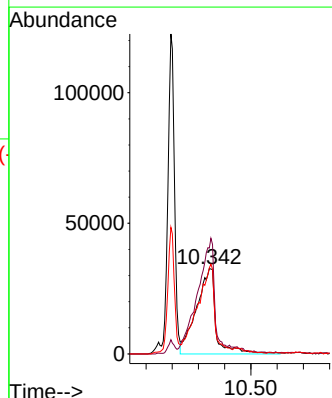
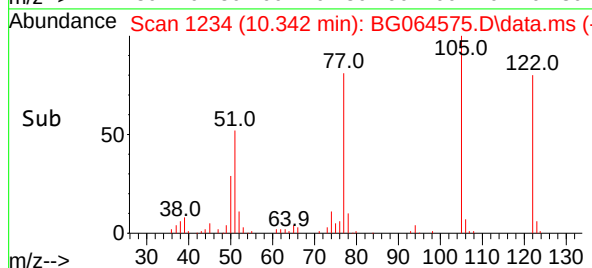
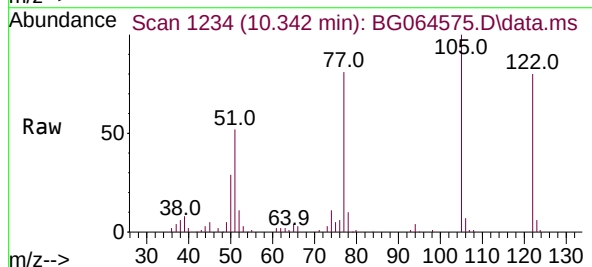
Manual Integrations
APPROVED

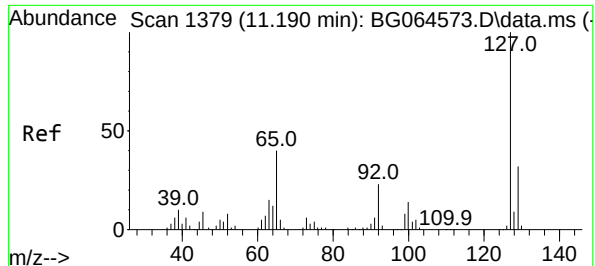
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#32
Benzoic acid
Concen: 77.917 ng m
RT: 10.342 min Scan# 1234
Delta R.T. 0.033 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

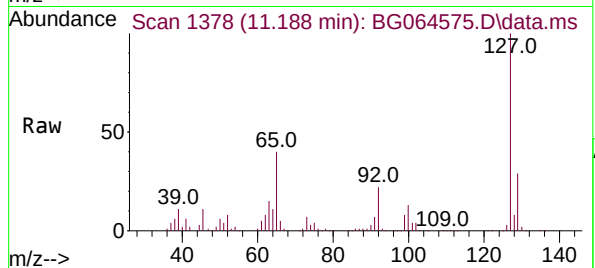
Tgt Ion:122 Resp: 169962
Ion Ratio Lower Upper
122 100
105 124.4 104.2 144.2
77 100.9 70.2 110.2





#33
4-Chloroaniline
Concen: 75.100 ng
RT: 11.188 min Scan# 1379
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

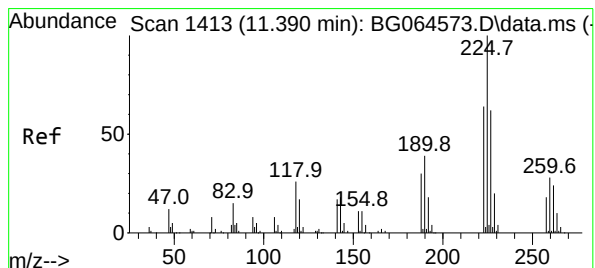
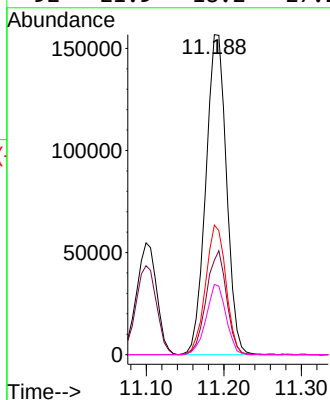
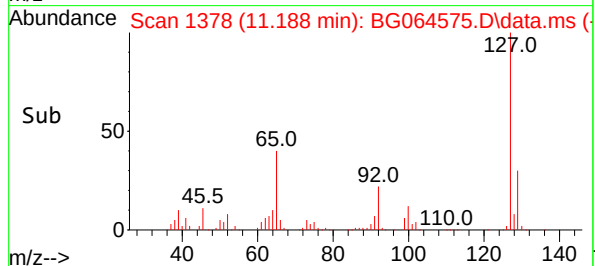
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



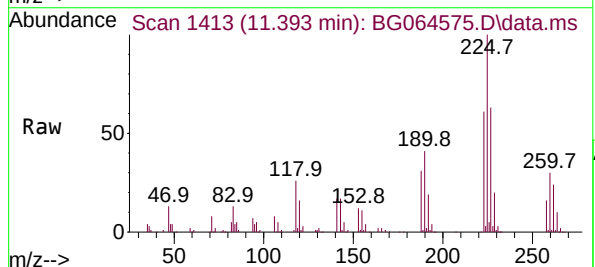
Tgt Ion:127 Resp: 290611
Ion Ratio Lower Upper
127 100
129 29.5 25.5 38.3
65 40.5 32.2 48.4
92 21.9 18.2 27.2

Manual Integrations
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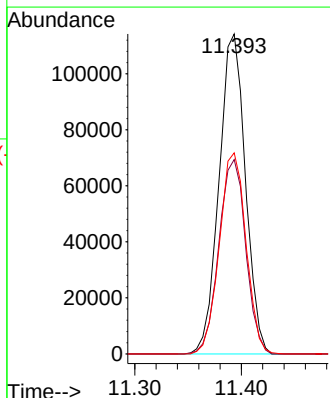
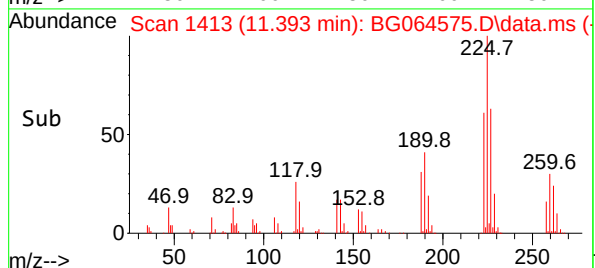
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

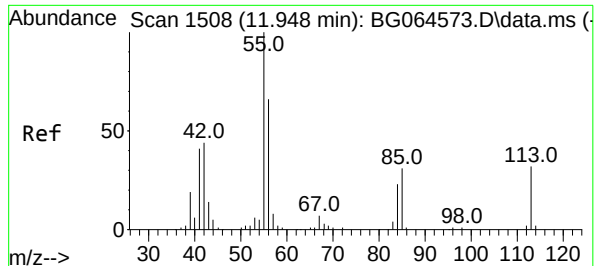


#34
Hexachlorobutadiene
Concen: 76.863 ng
RT: 11.393 min Scan# 1413
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24



Tgt Ion:225 Resp: 196140
Ion Ratio Lower Upper
225 100
223 60.7 48.8 73.2
227 62.8 49.5 74.3





#35
Caprolactam
Concen: 75.596 ng
RT: 11.975 min Scan# 1512
Delta R.T. 0.027 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :

BNA_G

ClientSampleId :

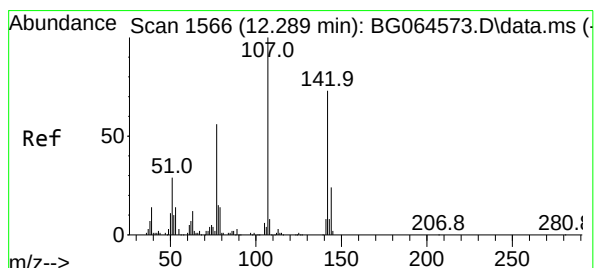
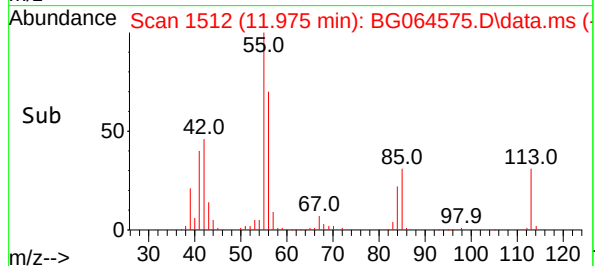
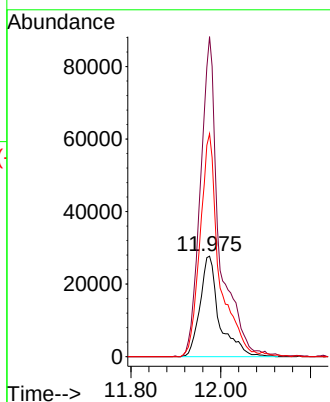
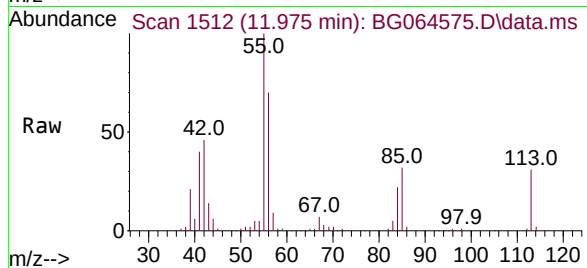
SSTDICC080

Tgt Ion	Ratio	Lower	Upper
113	100		
55	318.6	290.1	330.1
56	221.7	183.8	223.8

Manual Integrations

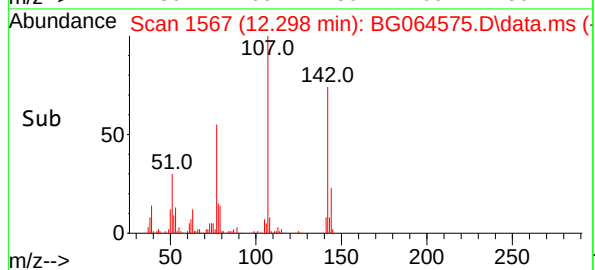
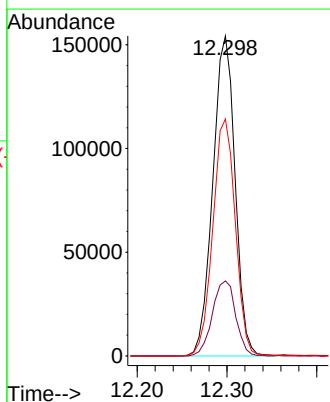
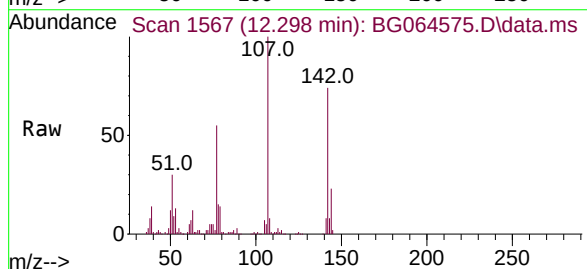
APPROVED

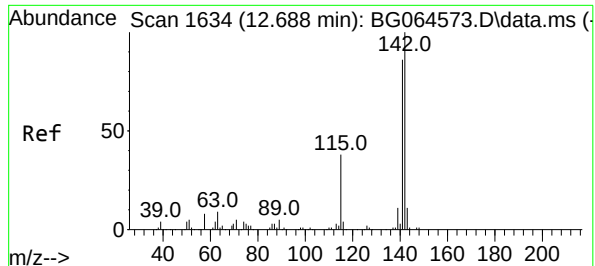
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#36
4-Chloro-3-methylphenol
Concen: 77.031 ng
RT: 12.298 min Scan# 1567
Delta R.T. 0.009 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.4	19.1	28.7
142	74.0	58.6	87.8





#37

2-Methylnaphthalene

Concen: 74.168 ng

RT: 12.692 min Scan# 1634

Delta R.T. 0.004 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:142 Resp: 542132

Ion Ratio Lower Upper

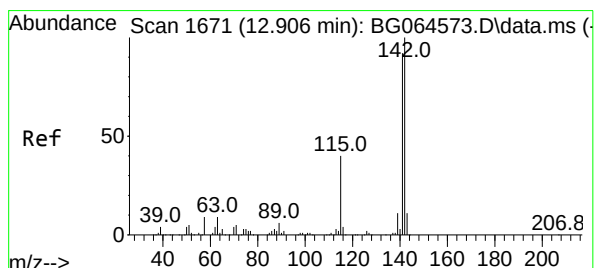
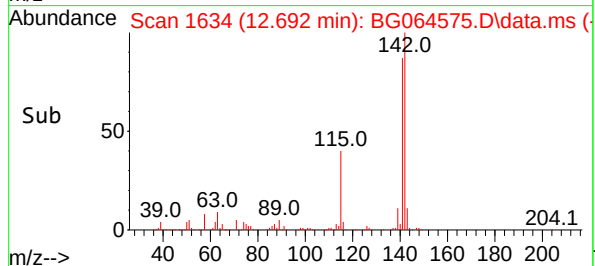
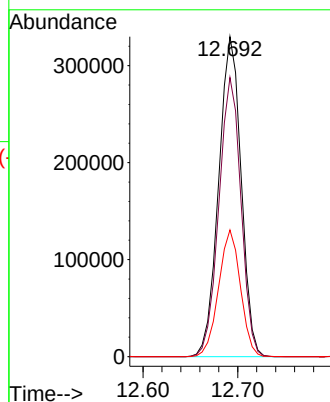
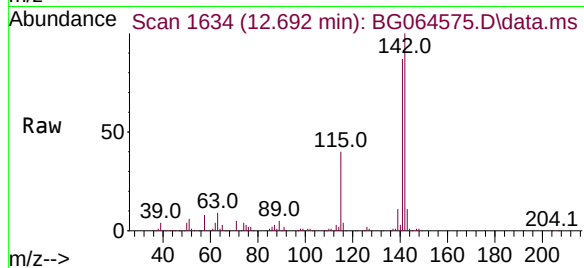
142 100

141 87.2 68.9 103.3

115 39.6 30.6 46.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#38

1-Methylnaphthalene

Concen: 72.945 ng

RT: 12.909 min Scan# 1671

Delta R.T. 0.004 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

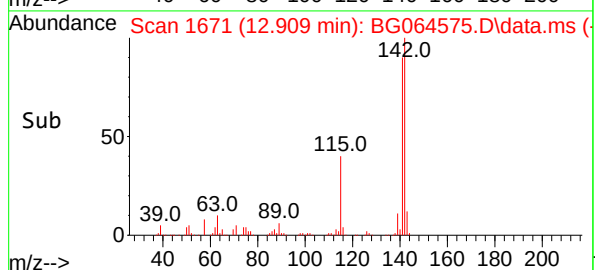
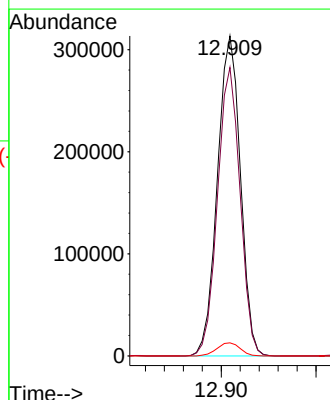
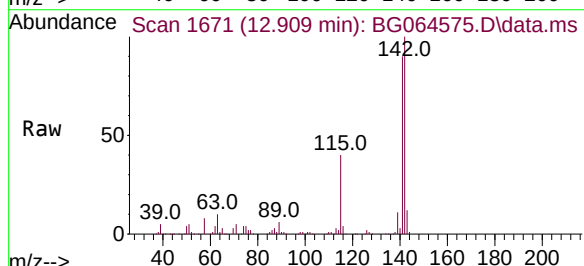
Tgt Ion:142 Resp: 527717

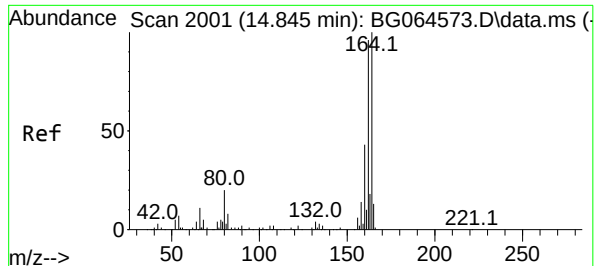
Ion Ratio Lower Upper

142 100

141 90.1 73.3 109.9

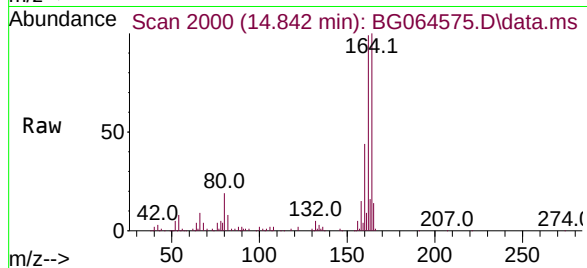
116 4.1 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.842 min Scan# 2001
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

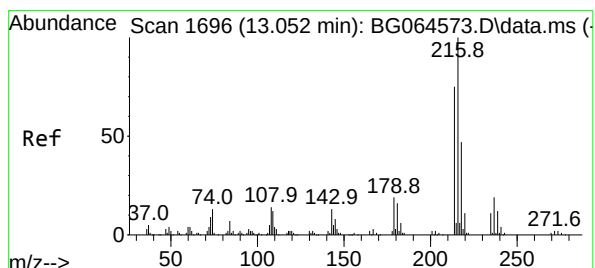
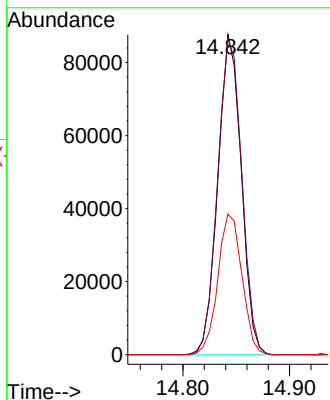
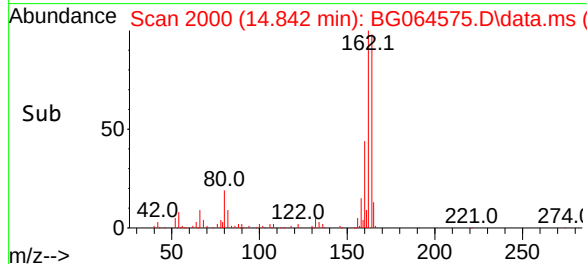
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



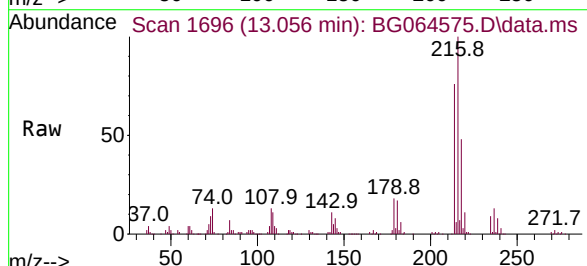
Tgt Ion:164 Resp: 133792
Ion Ratio Lower Upper
164 100
162 98.9 77.0 115.6
160 43.9 34.4 51.6

Manual Integrations
APPROVED

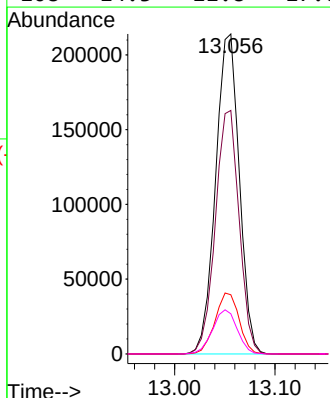
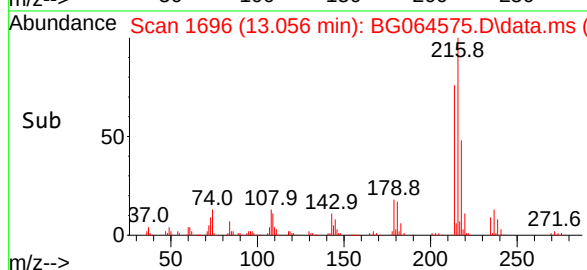
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

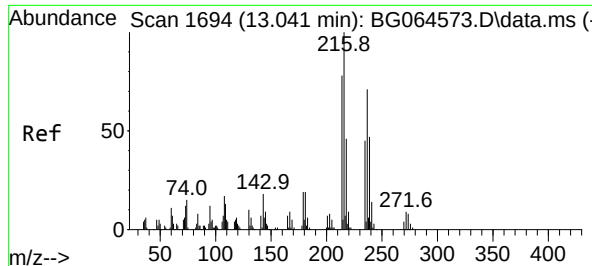


#40
1,2,4,5-Tetrachlorobenzene
Concen: 78.328 ng
RT: 13.056 min Scan# 1696
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24



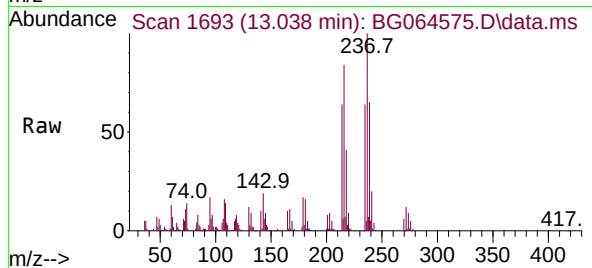
Tgt Ion:216 Resp: 351719
Ion Ratio Lower Upper
216 100
214 76.1 61.4 92.2
179 19.3 15.4 23.0
108 14.3 11.8 17.6





#41
Hexachlorocyclopentadiene
Concen: 80.876 ng
RT: 13.038 min Scan# 1693
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

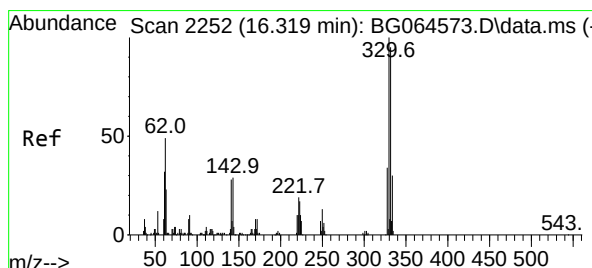
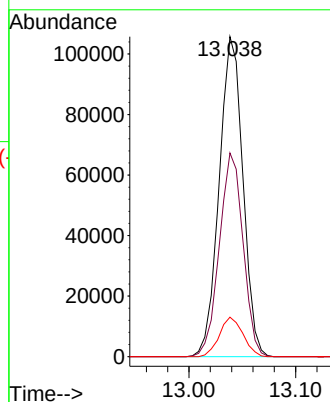
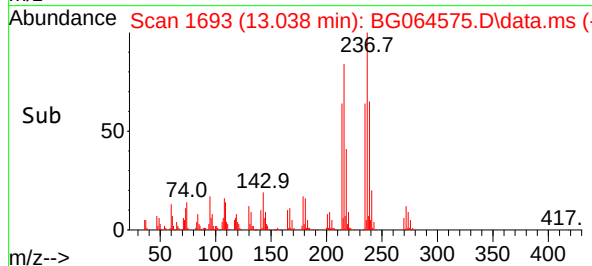
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:237 Resp: 163463
Ion Ratio Lower Upper
237 100
235 63.6 44.1 84.1
272 12.3 0.0 32.4

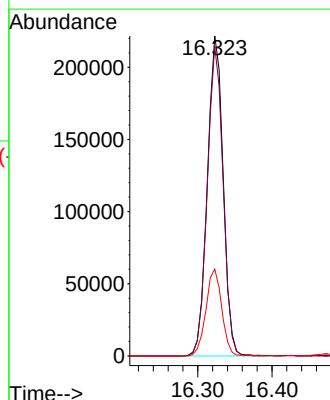
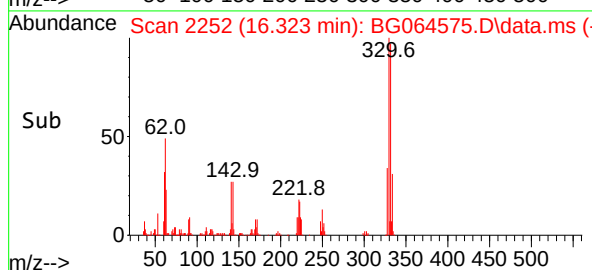
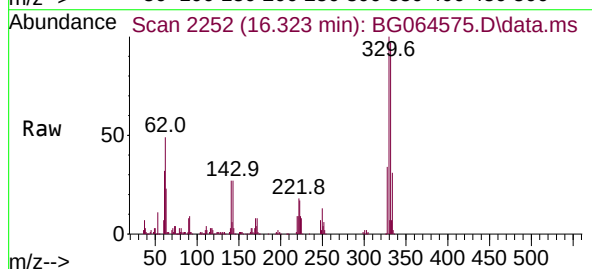
Manual Integrations
APPROVED

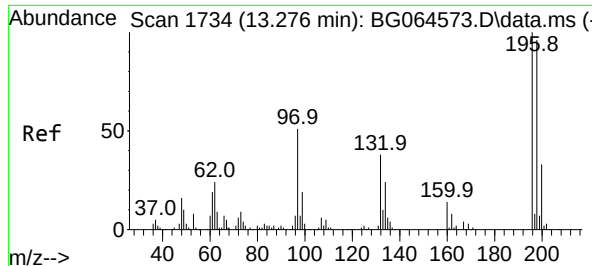
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#42
2,4,6-Tribromophenol
Concen: 169.886 ng
RT: 16.323 min Scan# 2252
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:330 Resp: 328066
Ion Ratio Lower Upper
330 100
332 96.4 78.0 117.0
141 27.1 21.8 32.6





#43

2,4,6-Trichlorophenol

Concen: 84.998 ng

RT: 13.279 min Scan# 1734

Delta R.T. 0.004 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:196 Resp: 218318

Ion Ratio Lower Upper

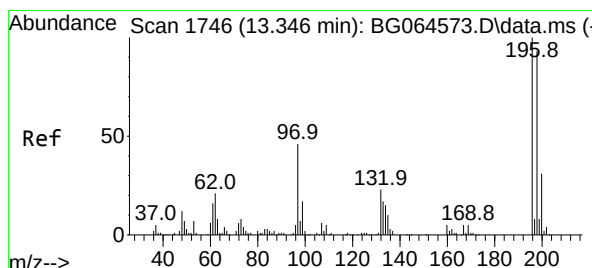
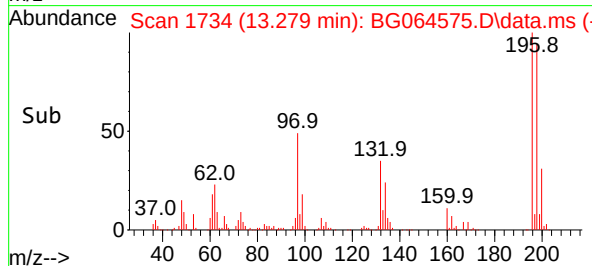
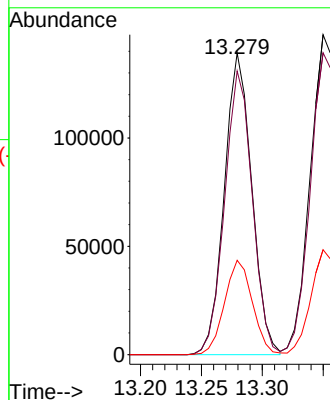
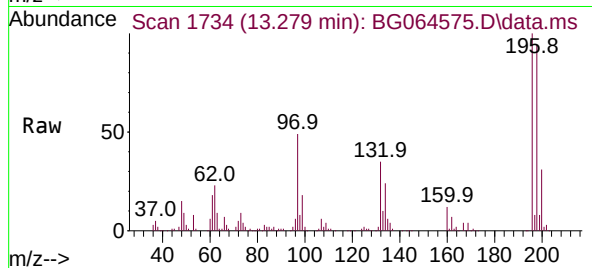
196 100

198 94.0 76.6 115.0

200 31.2 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#44

2,4,5-Trichlorophenol

Concen: 82.064 ng

RT: 13.350 min Scan# 1746

Delta R.T. 0.004 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

Tgt Ion:196 Resp: 243241

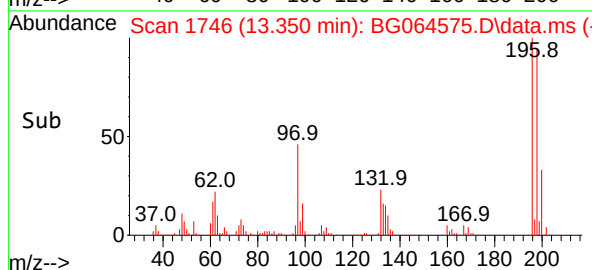
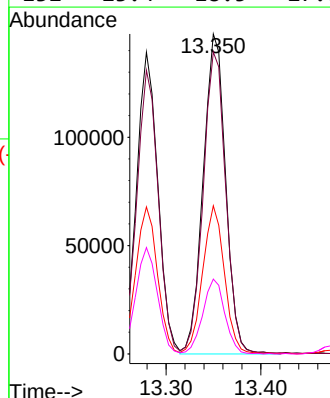
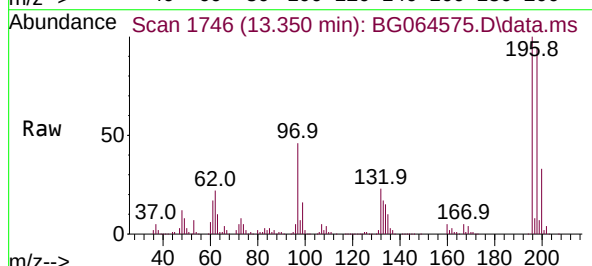
Ion Ratio Lower Upper

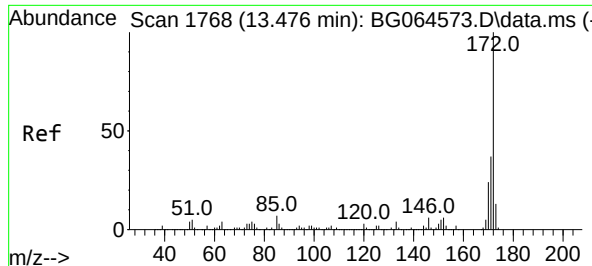
196 100

198 94.3 74.2 111.4

97 46.3 37.0 55.6

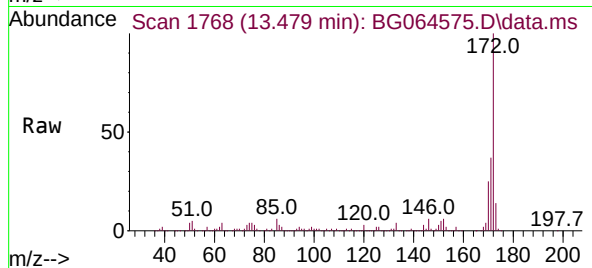
132 23.4 18.5 27.7





#45
2-Fluorobiphenyl
Concen: 148.960 ng
RT: 13.479 min Scan# 1768
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

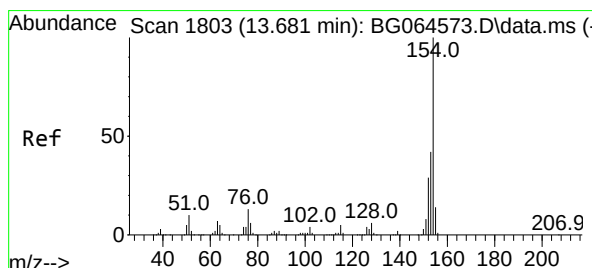
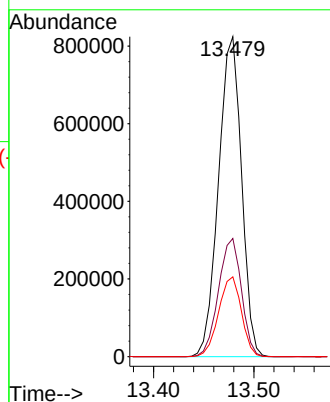
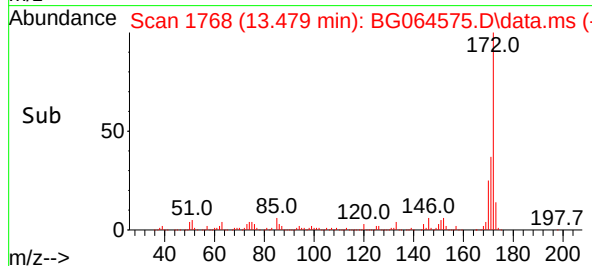
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



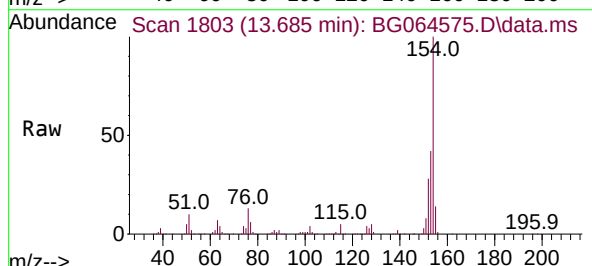
Tgt Ion:172 Resp: 1314892
Ion Ratio Lower Upper
172 100
171 36.9 29.4 44.0
170 24.9 19.1 28.7

Manual Integrations
APPROVED

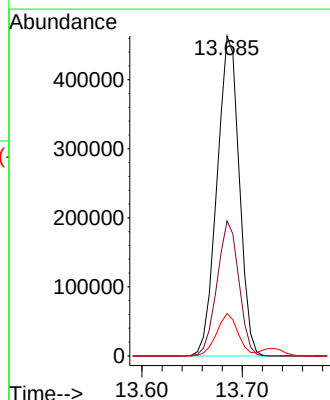
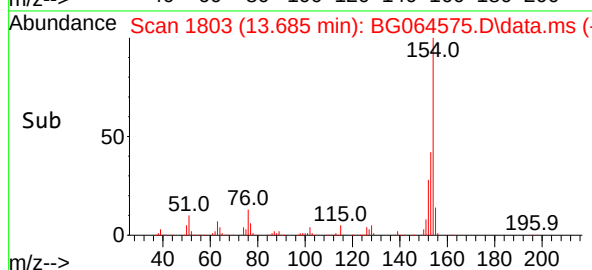
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

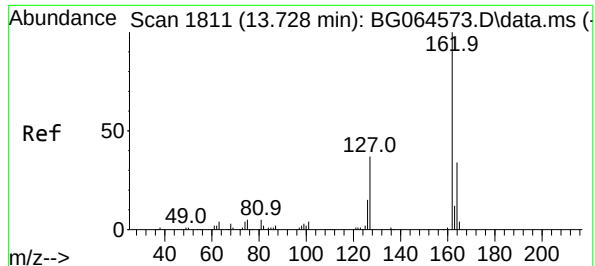


#46
1,1'-Biphenyl
Concen: 74.977 ng
RT: 13.685 min Scan# 1803
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24



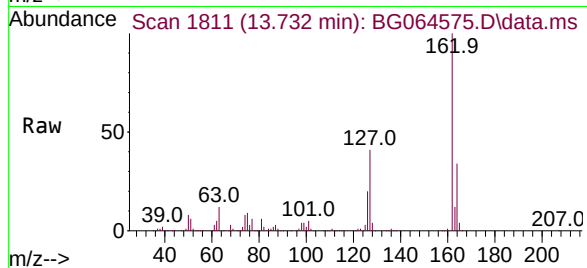
Tgt Ion:154 Resp: 713186
Ion Ratio Lower Upper
154 100
153 42.2 22.4 62.4
76 13.2 0.0 33.5





#47
2-Chloronaphthalene
Concen: 76.218 ng
RT: 13.732 min Scan# 1811
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

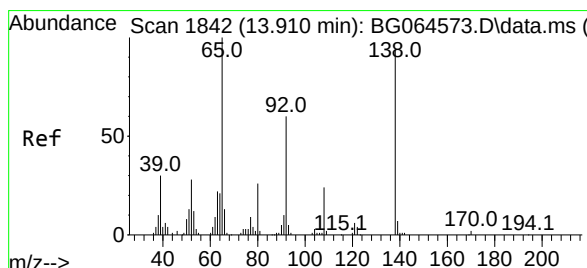
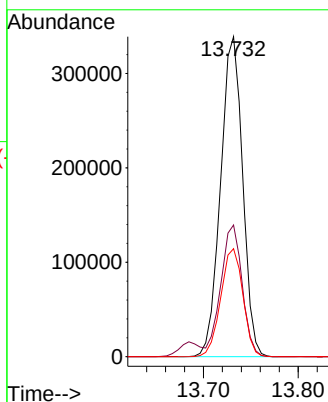
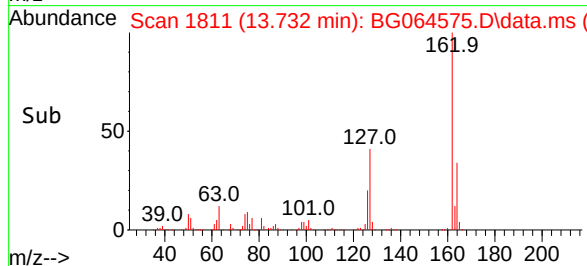
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



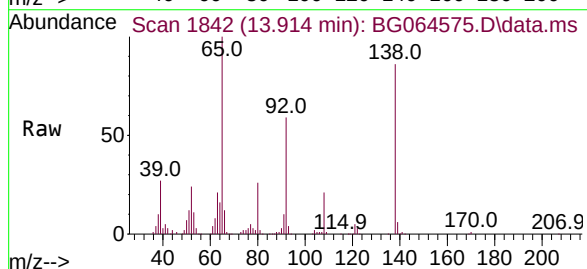
Tgt Ion:162 Resp: 547242
Ion Ratio Lower Upper
162 100
127 41.1 32.2 48.2
164 33.7 27.5 41.3

Manual Integrations
APPROVED

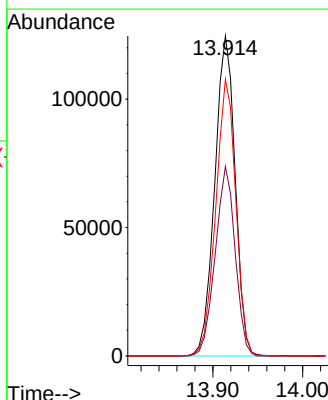
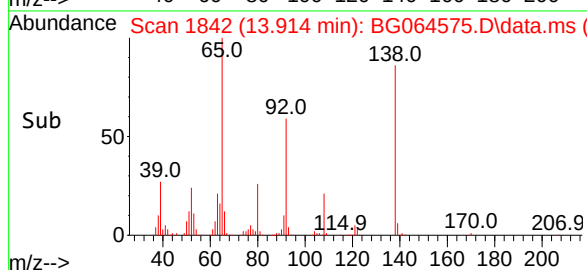
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

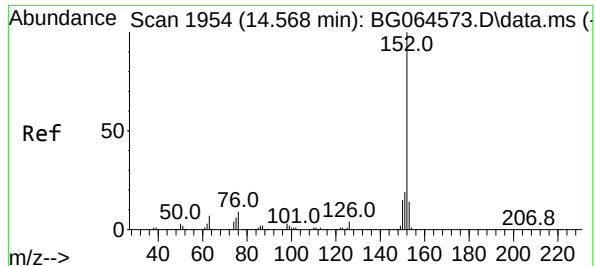


#48
2-Nitroaniline
Concen: 79.301 ng
RT: 13.914 min Scan# 1842
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24



Tgt Ion: 65 Resp: 196580
Ion Ratio Lower Upper
65 100
92 59.1 48.3 72.5
138 86.4 74.9 112.3





#49

Acenaphthylene

Concen: 75.806 ng

RT: 14.566 min Scan# 1953

Delta R.T. -0.002 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

Instrument :

BNA_G

ClientSampleId :

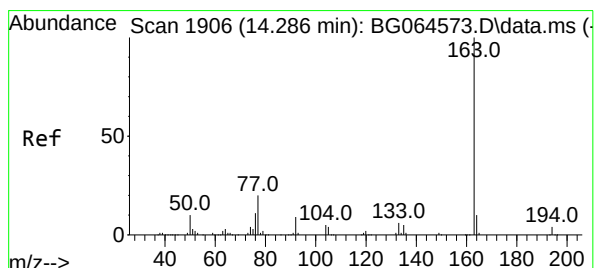
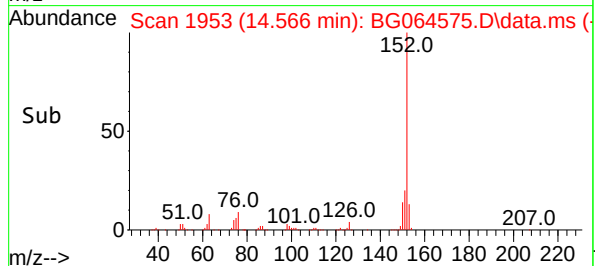
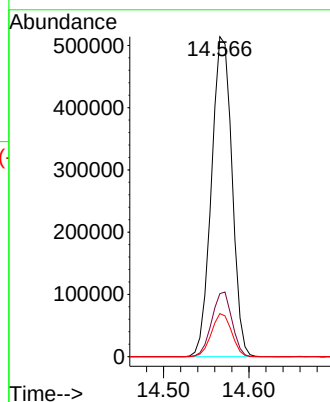
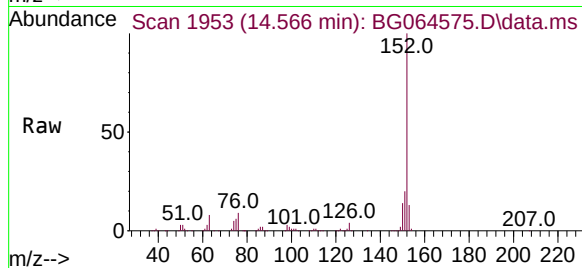
SSTDICC080

Tgt Ion:	152	Resp:	85851
Ion Ratio	Lower	Upper	
152	100		
151	19.7	15.4	23.2
153	13.5	11.0	16.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#50

Dimethylphthalate

Concen: 76.450 ng

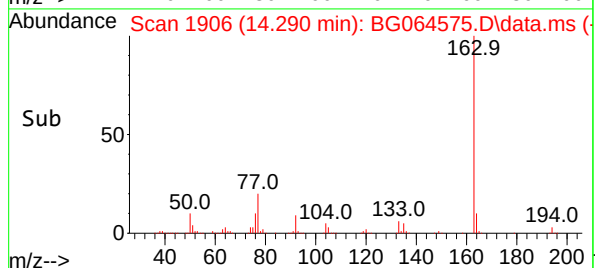
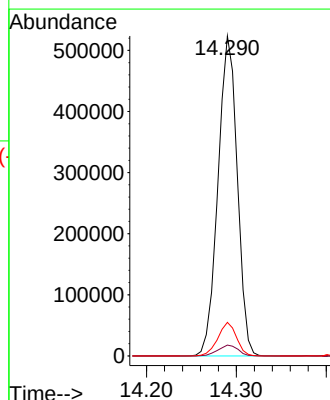
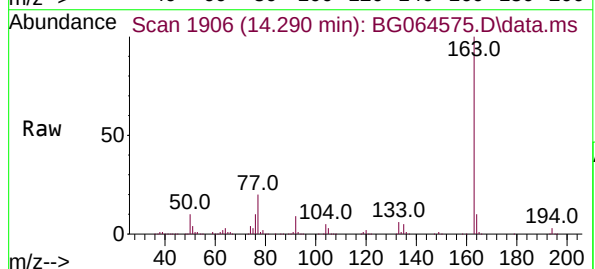
RT: 14.290 min Scan# 1906

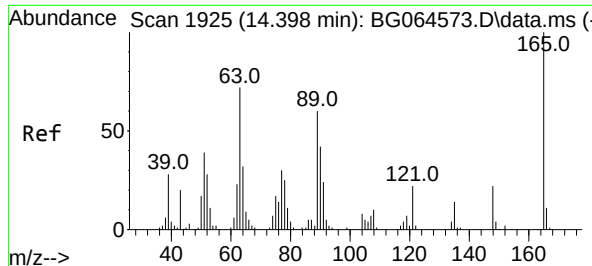
Delta R.T. 0.004 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

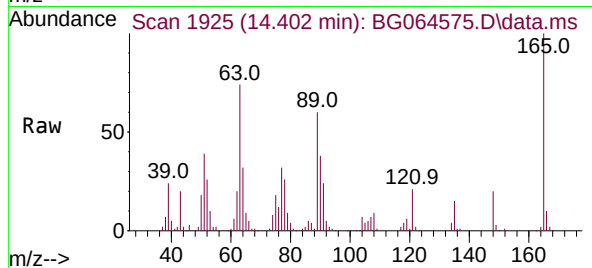
Tgt Ion:	163	Resp:	782708
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.8	4.2
164	10.5	7.7	11.5





#51
2,6-Dinitrotoluene
Concen: 78.216 ng
RT: 14.402 min Scan# 1925
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

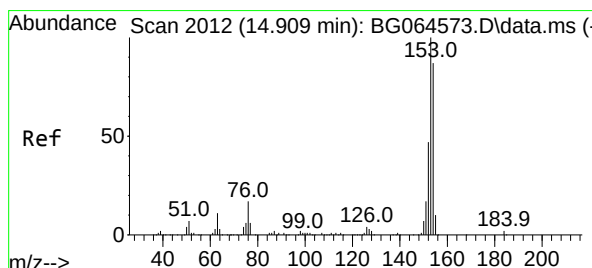
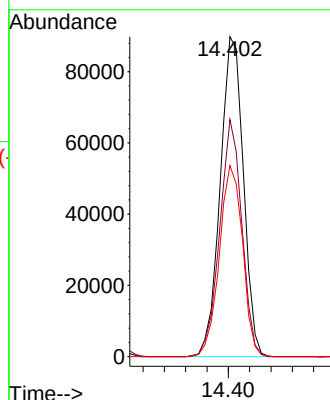
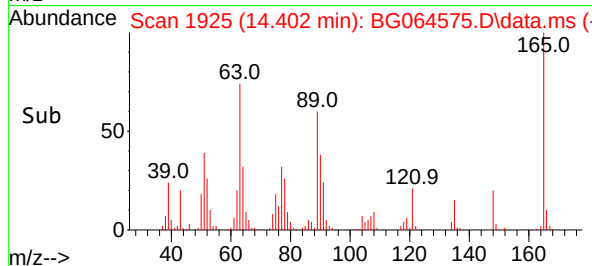
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



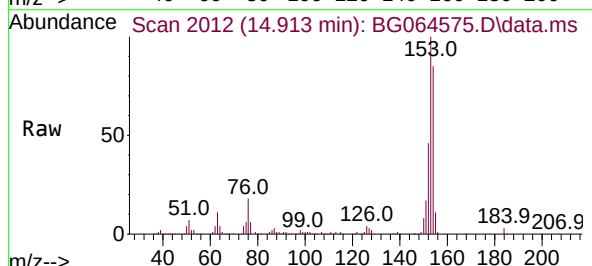
Tgt Ion:165 Resp: 135769
Ion Ratio Lower Upper
165 100
63 74.1 57.4 86.0
89 59.7 47.8 71.8

Manual Integrations
APPROVED

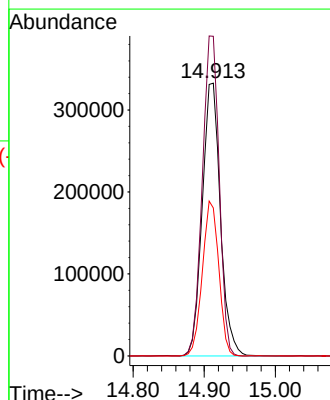
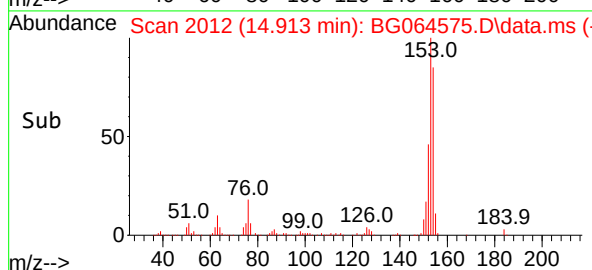
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

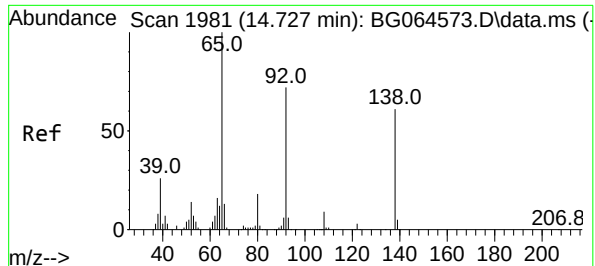


#52
Acenaphthene
Concen: 76.150 ng
RT: 14.913 min Scan# 2012
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24



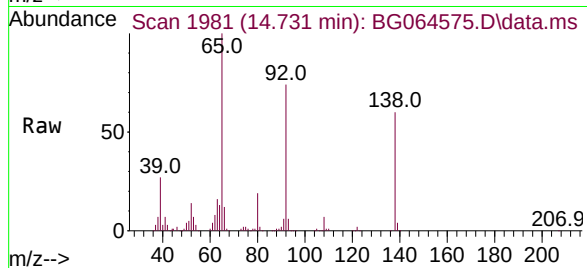
Tgt Ion:154 Resp: 589213
Ion Ratio Lower Upper
154 100
153 117.2 92.2 138.4
152 54.2 43.2 64.8





#53
3-Nitroaniline
Concen: 90.409 ng
RT: 14.731 min Scan# 1981
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

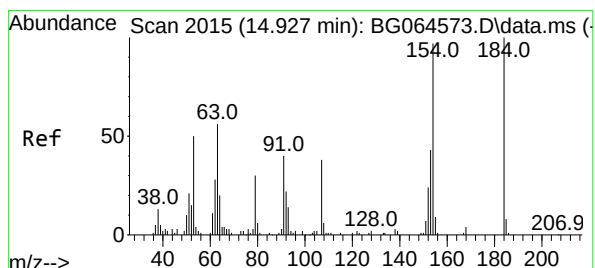
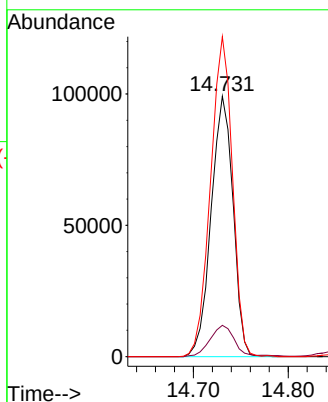
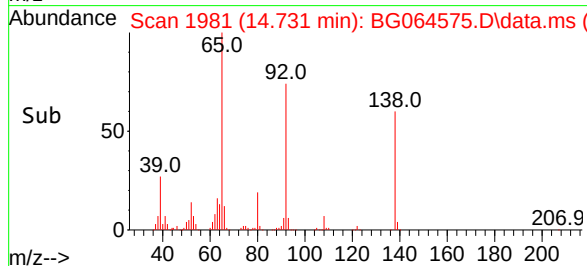
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:138 Resp: 159072
Ion Ratio Lower Upper
138 100
108 12.0 11.4 17.0
92 122.9 95.3 142.9

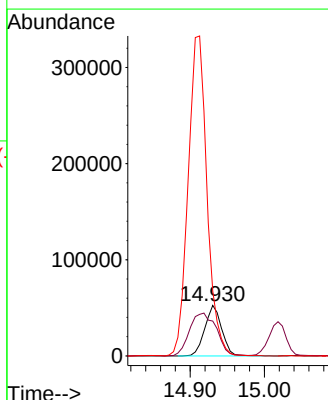
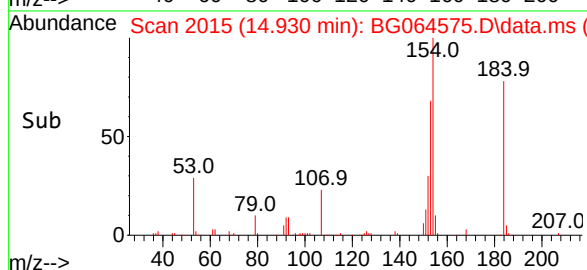
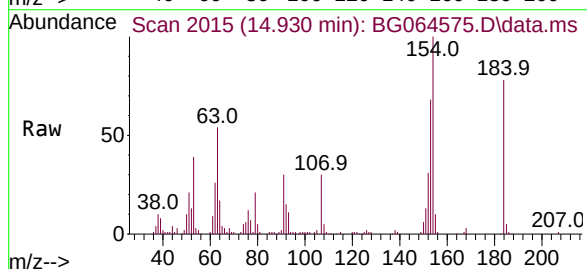
Manual Integrations
APPROVED

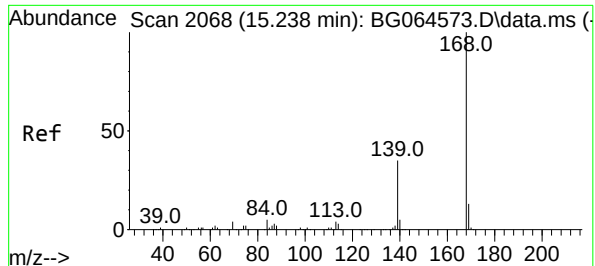
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#54
2,4-Dinitrophenol
Concen: 79.755 ng
RT: 14.930 min Scan# 2015
Delta R.T. 0.003 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

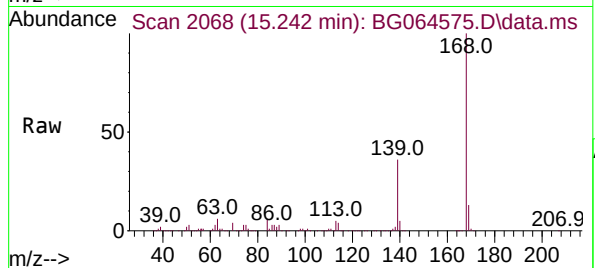
Tgt Ion:184 Resp: 82655
Ion Ratio Lower Upper
184 100
63 69.0 56.6 85.0
154 128.4 158.6 238.0#





#55
Dibenzenofuran
Concen: 73.816 ng
RT: 15.242 min Scan# 2068
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

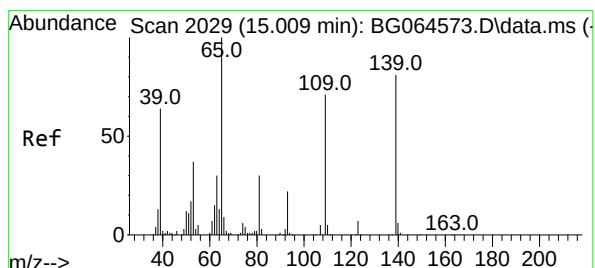
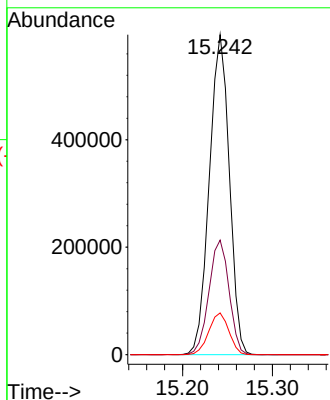
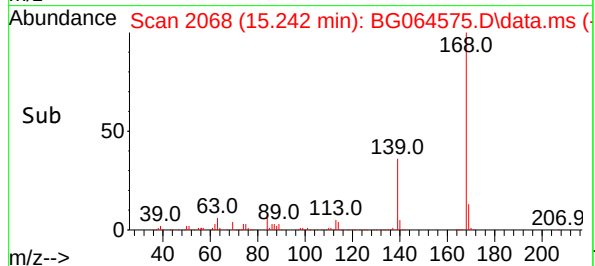
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:168 Resp: 923386
Ion Ratio Lower Upper
168 100
139 35.8 27.8 41.8
169 13.0 10.3 15.5

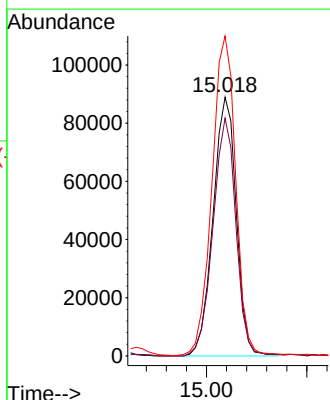
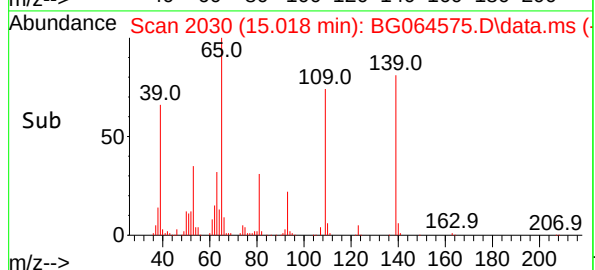
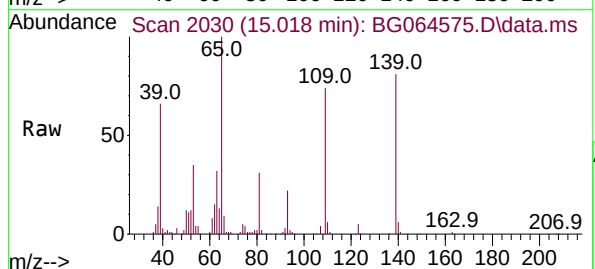
Manual Integrations
APPROVED

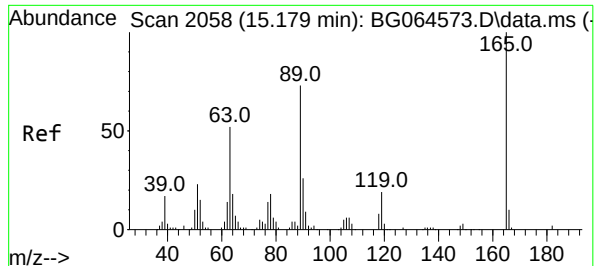
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#56
4-Nitrophenol
Concen: 87.640 ng
RT: 15.018 min Scan# 2030
Delta R.T. 0.009 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:139 Resp: 142966
Ion Ratio Lower Upper
139 100
109 91.9 67.8 107.8
65 123.7 103.7 143.7





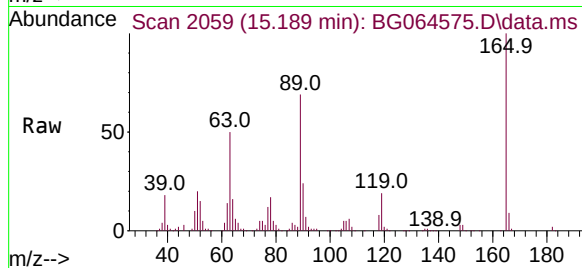
#57
2,4-Dinitrotoluene
Concen: 79.117 ng
RT: 15.189 min Scan# 2058
Delta R.T. 0.010 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

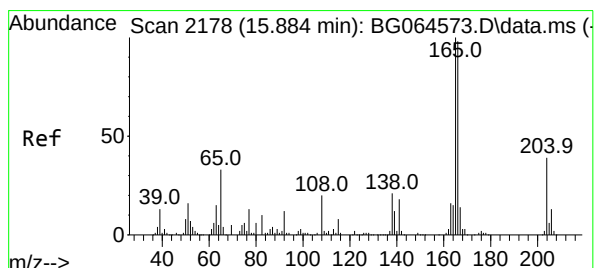
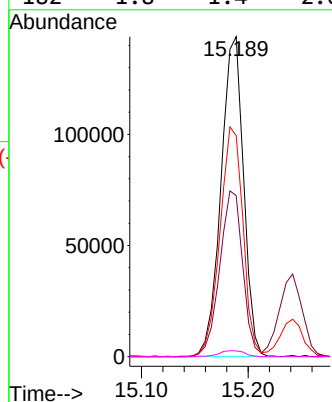
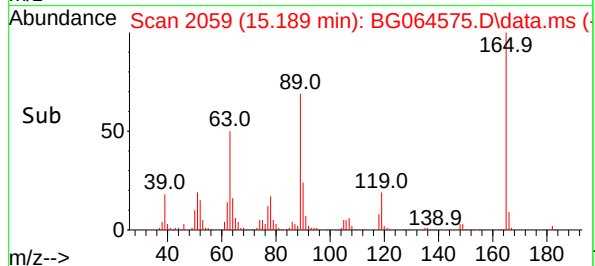


Tgt Ion:165 Resp: 212164
Ion Ratio Lower Upper
165 100
63 50.3 41.8 62.8
89 69.0 58.1 87.1
182 1.8 1.4 2.0

Manual Integrations

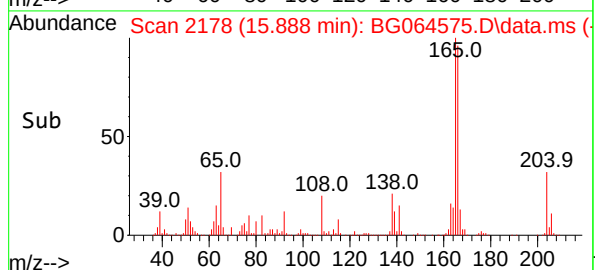
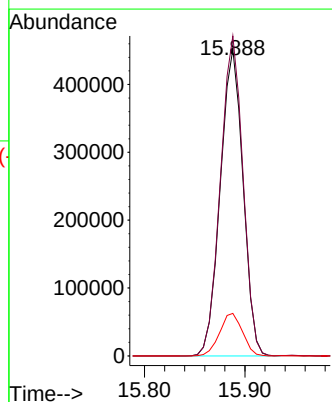
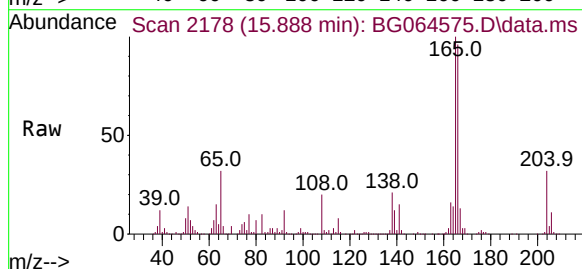
APPROVED

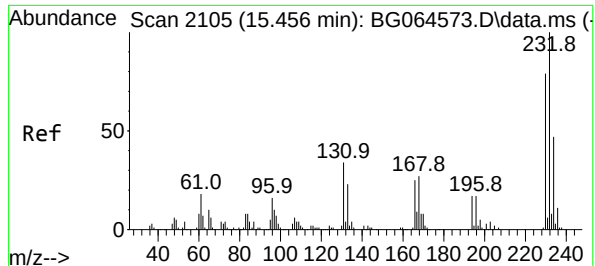
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#58
Fluorene
Concen: 72.801 ng
RT: 15.888 min Scan# 2178
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

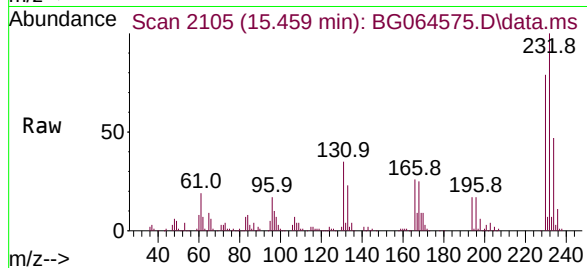
Tgt Ion:166 Resp: 711212
Ion Ratio Lower Upper
166 100
165 104.4 81.5 122.3
167 13.8 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 84.708 ng
RT: 15.459 min Scan# 2105
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

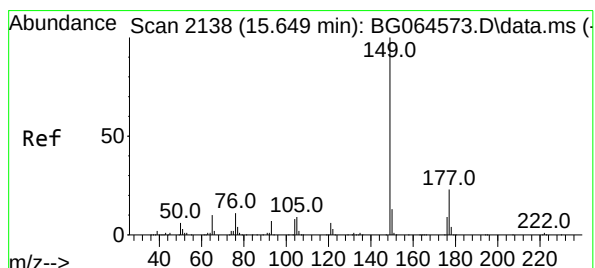
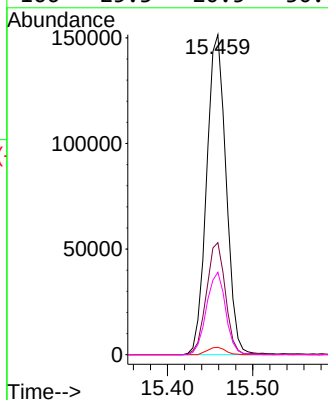
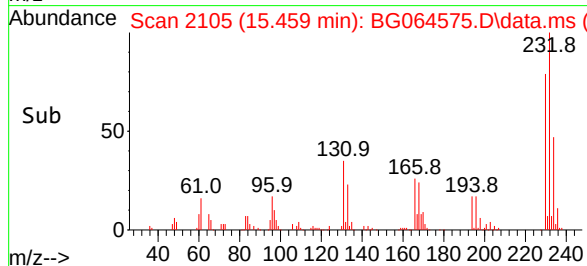
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:232 Resp: 240094
Ion Ratio Lower Upper
232 100
131 34.1 26.7 40.1
130 2.1 1.6 2.4
166 25.3 20.5 30.7

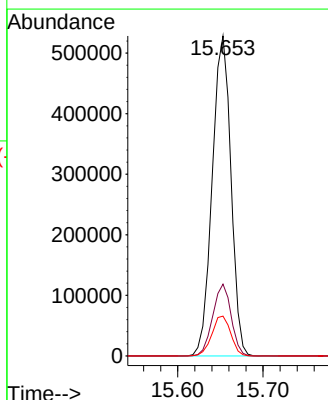
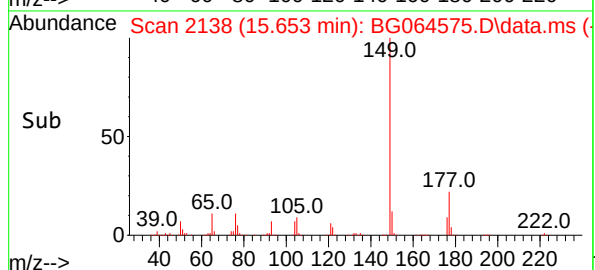
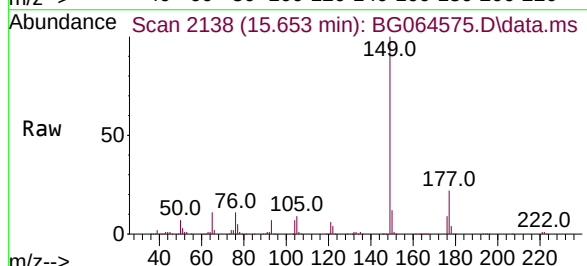
Manual Integrations
APPROVED

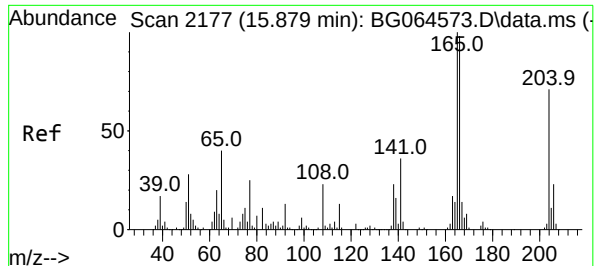
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#60
Diethylphthalate
Concen: 76.874 ng
RT: 15.653 min Scan# 2138
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

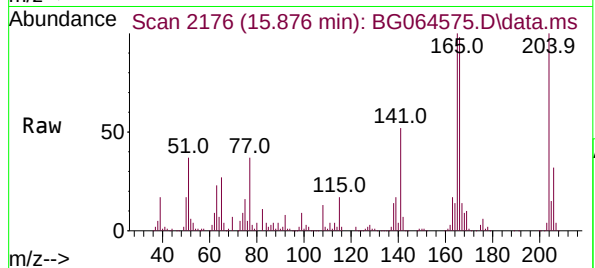
Tgt Ion:149 Resp: 803621
Ion Ratio Lower Upper
149 100
177 22.4 18.0 27.0
150 12.4 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 74.463 ng
RT: 15.876 min Scan# 2176
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

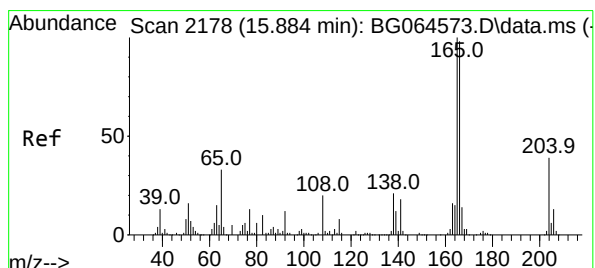
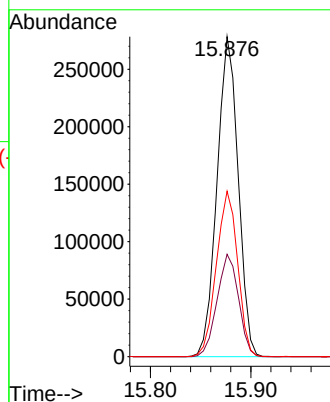
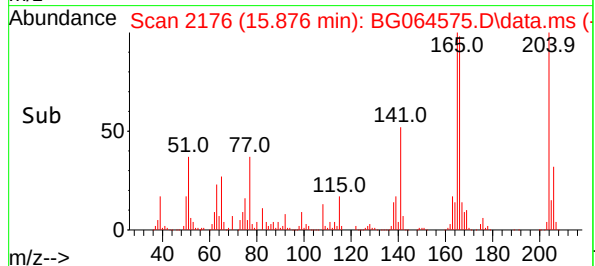
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



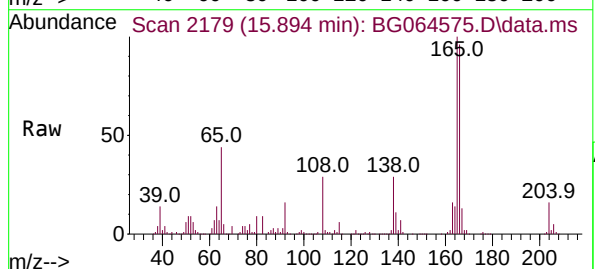
Tgt Ion:204 Resp: 408239
Ion Ratio Lower Upper
204 100
206 32.0 25.6 38.4
141 51.7 40.6 60.8

Manual Integrations
APPROVED

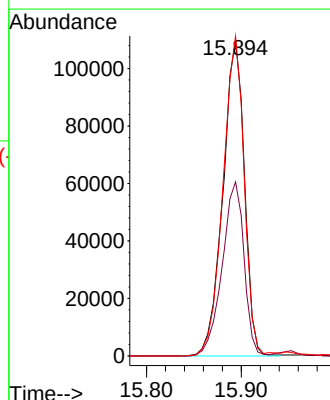
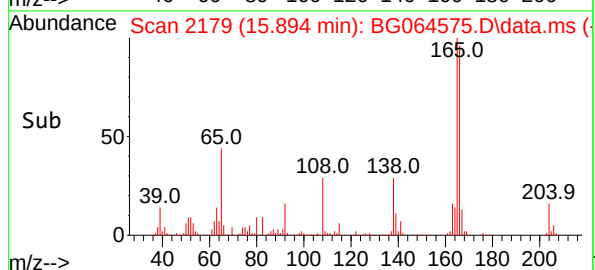
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

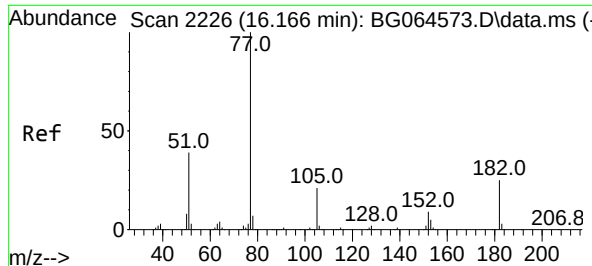


#62
4-Nitroaniline
Concen: 88.462 ng
RT: 15.894 min Scan# 2179
Delta R.T. 0.009 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24



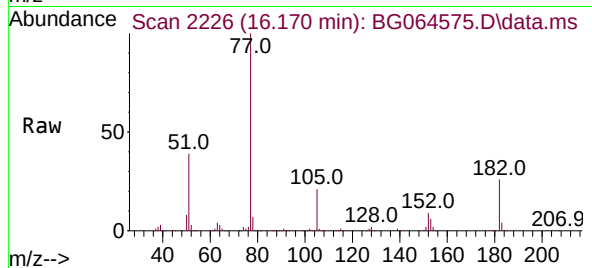
Tgt Ion:138 Resp: 173159
Ion Ratio Lower Upper
138 100
92 55.1 36.1 76.1
108 101.4 75.6 115.6





#63
Azobenzene
Concen: 75.482 ng
RT: 16.170 min Scan# 2226
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

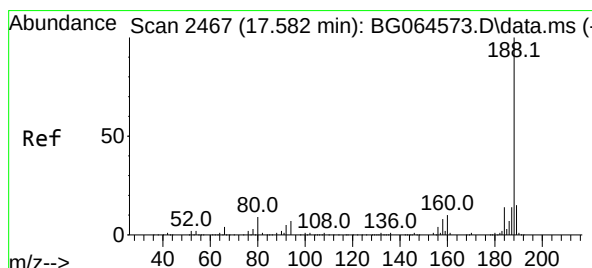
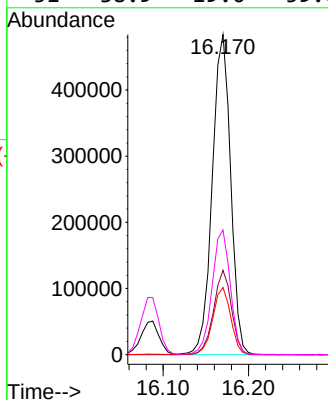
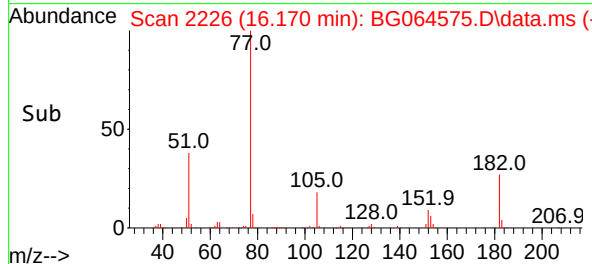
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion: 77 Resp: 723988
Ion Ratio Lower Upper
77 100
182 26.3 4.9 44.9
105 21.0 1.3 41.3
51 38.9 19.0 59.0

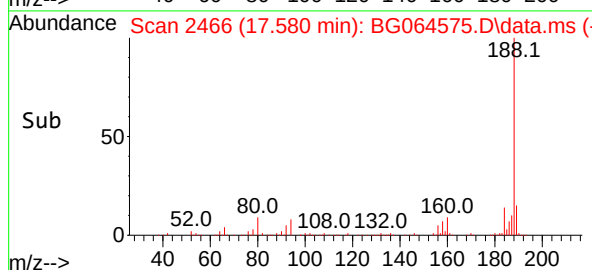
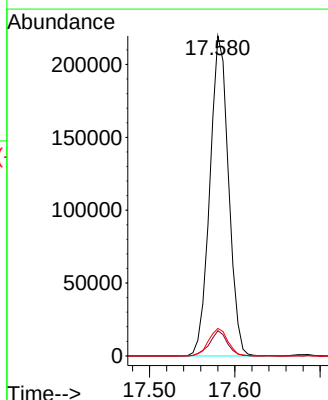
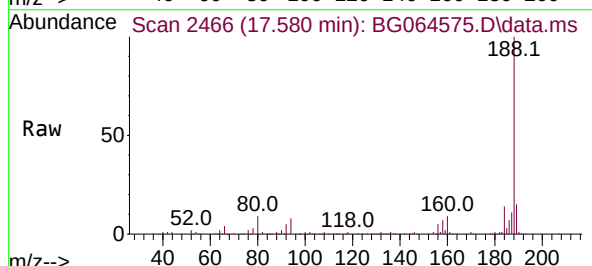
Manual Integrations
APPROVED

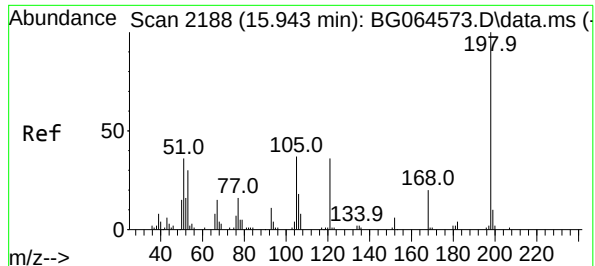
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.580 min Scan# 2466
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

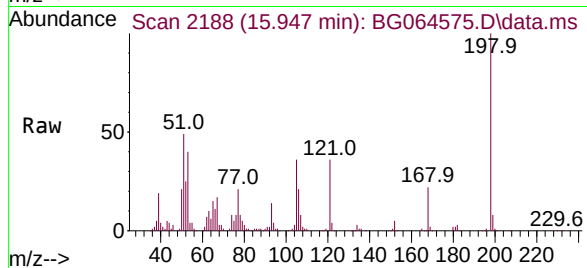
Tgt Ion:188 Resp: 333421
Ion Ratio Lower Upper
188 100
94 7.9 5.7 8.5
80 8.6 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 80.450 ng
RT: 15.947 min Scan# 2188
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

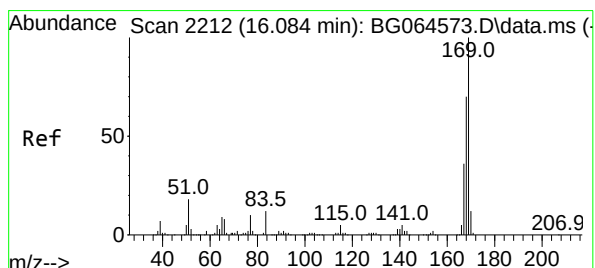
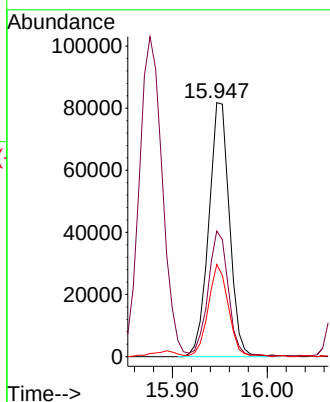
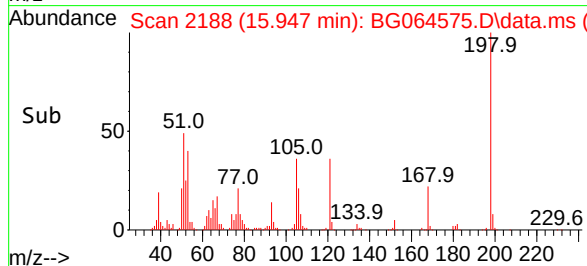
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



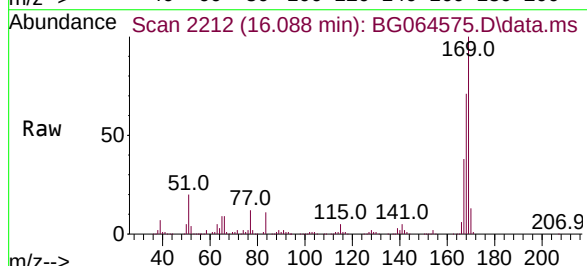
Tgt Ion:198 Resp: 124101
Ion Ratio Lower Upper
198 100
51 49.5 24.7 64.7
105 36.3 18.0 58.0

Manual Integrations
APPROVED

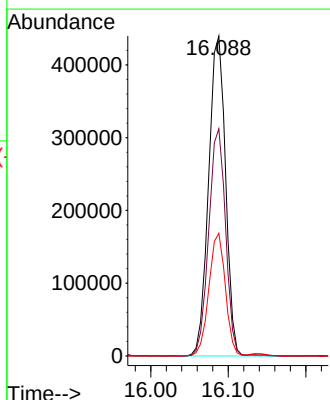
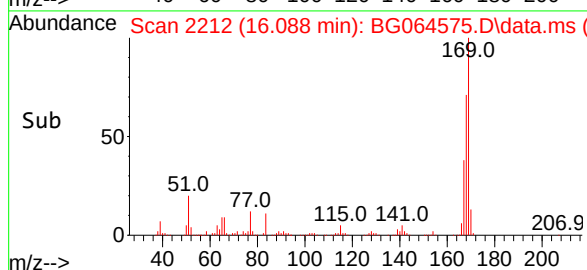
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

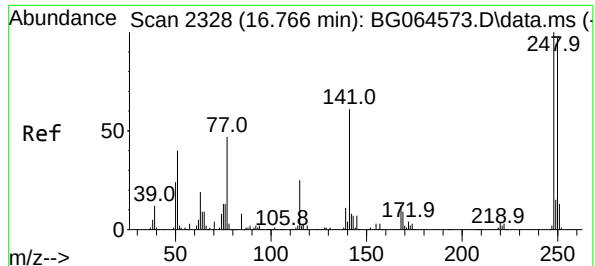


#66
n-Nitrosodiphenylamine
Concen: 74.020 ng
RT: 16.088 min Scan# 2212
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24



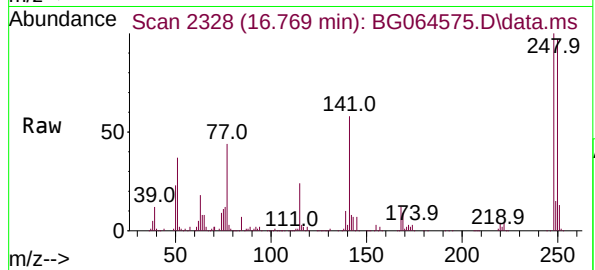
Tgt Ion:169 Resp: 666665
Ion Ratio Lower Upper
169 100
168 71.0 56.3 84.5
167 38.3 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 75.762 ng
RT: 16.769 min Scan# 2328
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

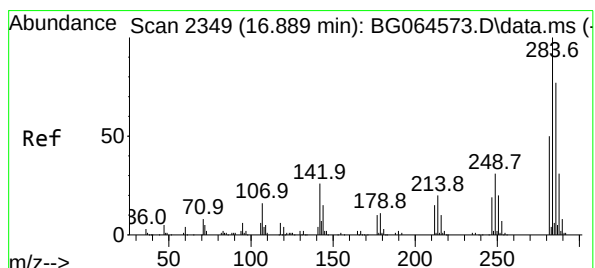
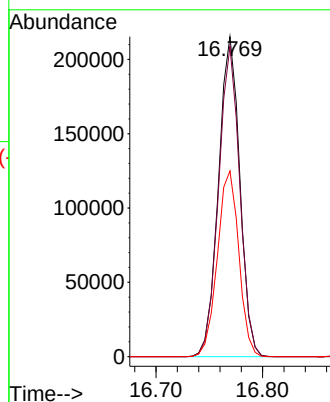
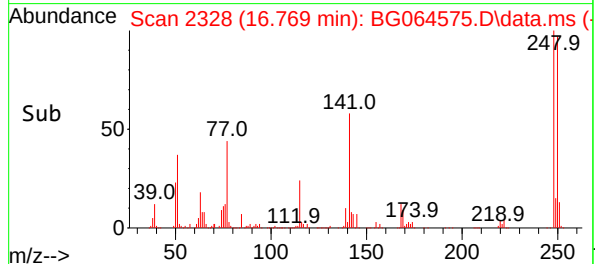
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



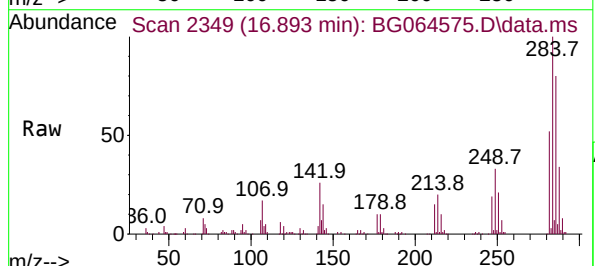
Tgt Ion:248 Resp: 299348
Ion Ratio Lower Upper
248 100
250 96.9 77.7 116.5
141 58.0 48.6 72.8

Manual Integrations
APPROVED

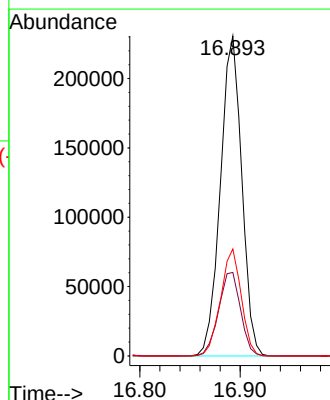
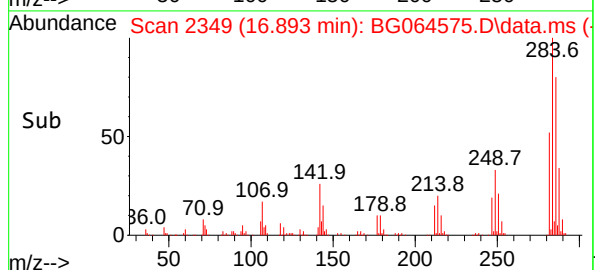
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

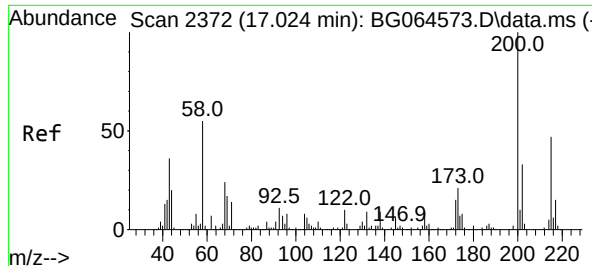


#68
Hexachlorobenzene
Concen: 75.724 ng
RT: 16.893 min Scan# 2349
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24



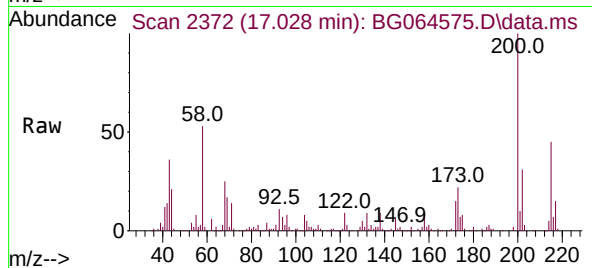
Tgt Ion:284 Resp: 341338
Ion Ratio Lower Upper
284 100
142 26.1 21.0 31.6
249 35.4 24.9 37.3





#69
 Atrazine
 Concen: 72.745 ng
 RT: 17.028 min Scan# 2372
 Delta R.T. 0.004 min
 Lab File: BG064575.D
 Acq: 24 Oct 2025 14:24

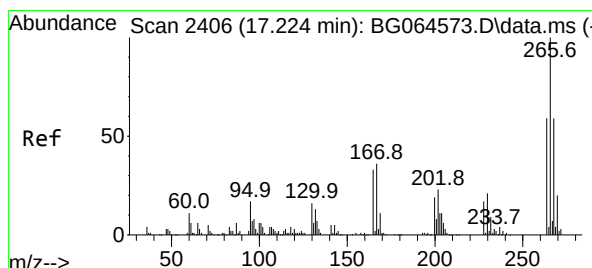
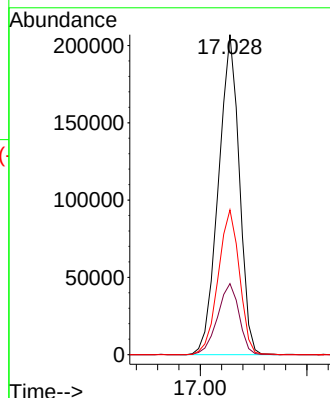
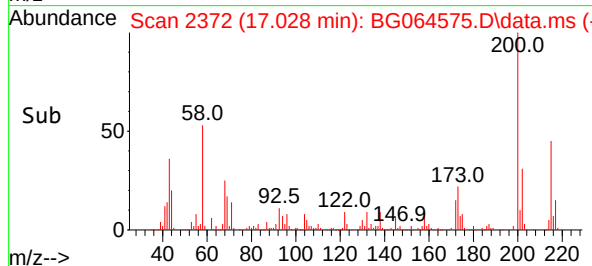
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080



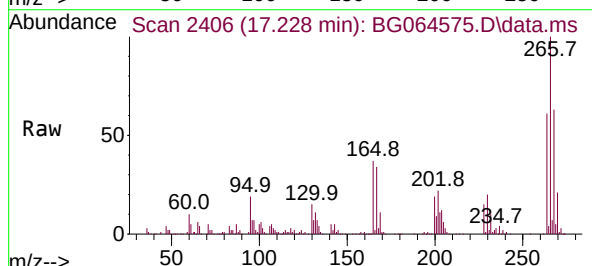
Tgt Ion:200 Resp: 281950
 Ion Ratio Lower Upper
 200 100
 173 22.2 0.9 40.9
 215 45.2 27.0 67.0

Manual Integrations
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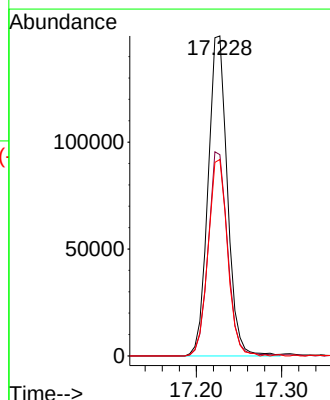
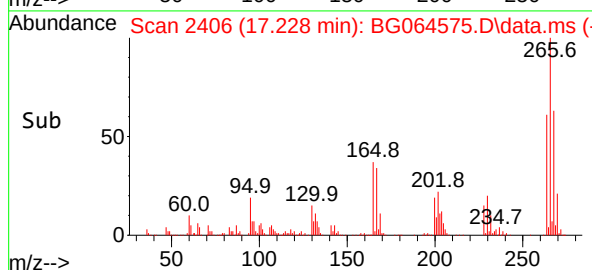
Reviewed By :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025

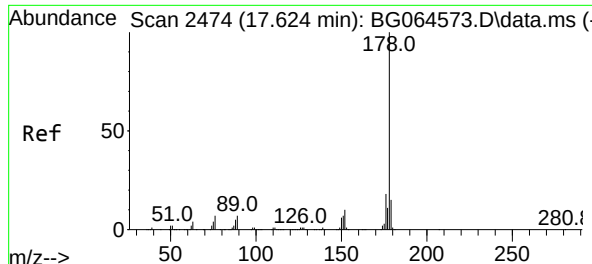


#70
 Pentachlorophenol
 Concen: 83.771 ng
 RT: 17.228 min Scan# 2406
 Delta R.T. 0.004 min
 Lab File: BG064575.D
 Acq: 24 Oct 2025 14:24



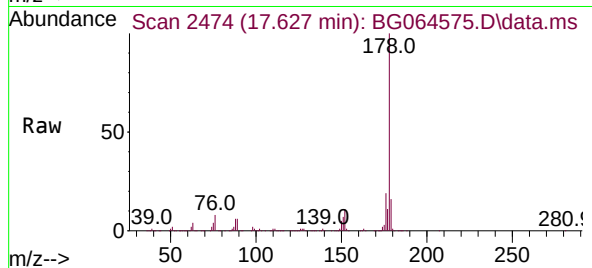
Tgt Ion:266 Resp: 235472
 Ion Ratio Lower Upper
 266 100
 268 67.7 50.3 75.5
 264 65.8 47.3 70.9





#71
Phenanthrene
Concen: 73.525 ng
RT: 17.627 min Scan# 2474
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

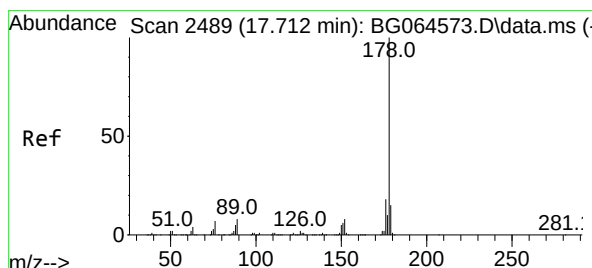
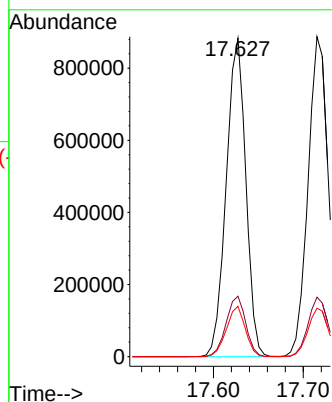
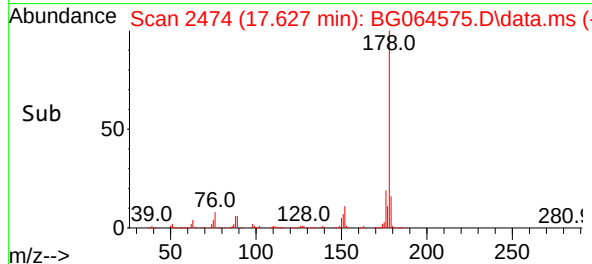
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:178 Resp: 1340610
Ion Ratio Lower Upper
178 100
176 19.0 14.7 22.1
179 15.8 12.2 18.4

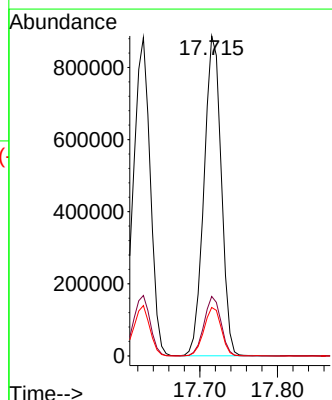
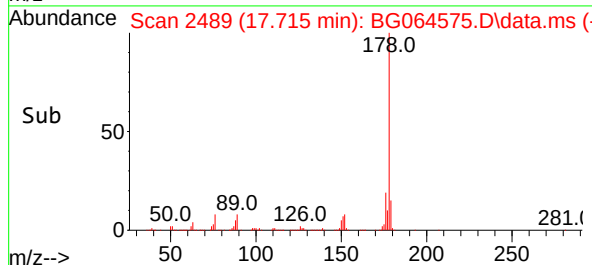
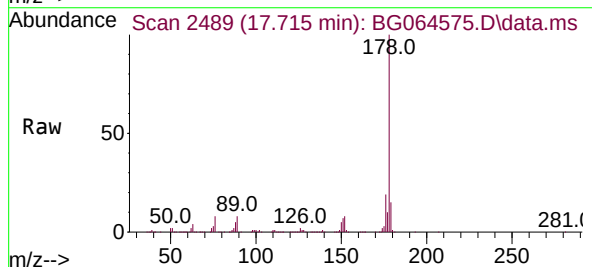
Manual Integrations
APPROVED

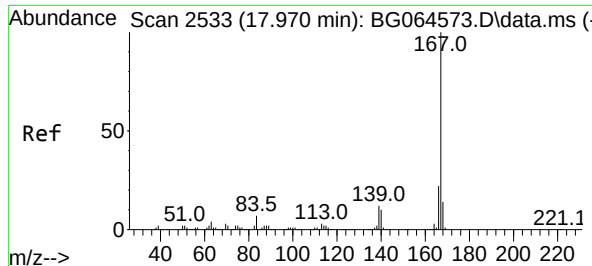
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#72
Anthracene
Concen: 73.704 ng
RT: 17.715 min Scan# 2489
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

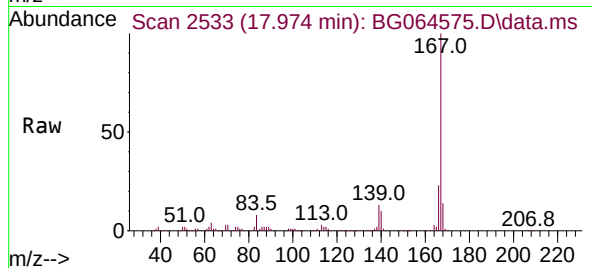
Tgt Ion:178 Resp: 1367044
Ion Ratio Lower Upper
178 100
176 18.6 14.4 21.6
179 15.1 12.4 18.6





#73
Carbazole
Concen: 73.122 ng
RT: 17.974 min Scan# 2533
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

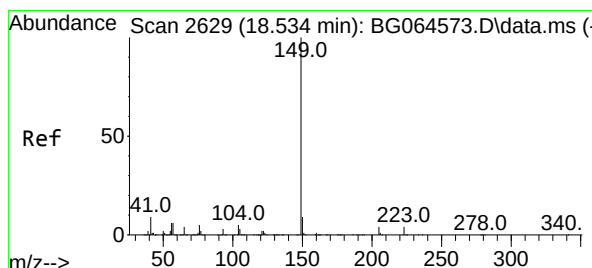
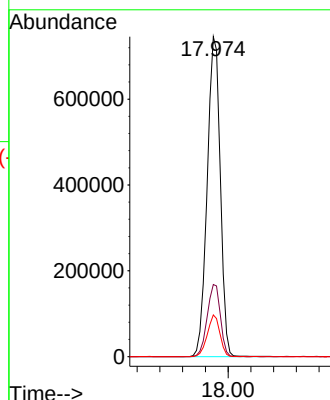
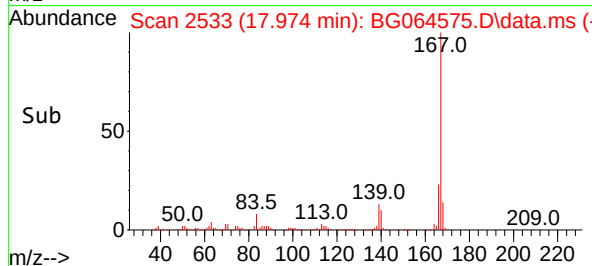
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:167 Resp: 1195960
Ion Ratio Lower Upper
167 100
166 22.5 17.9 26.9
139 13.0 9.7 14.5

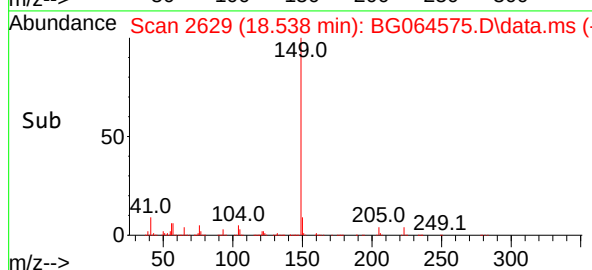
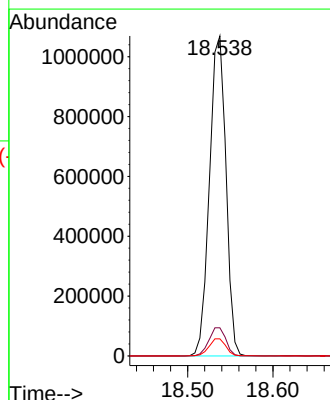
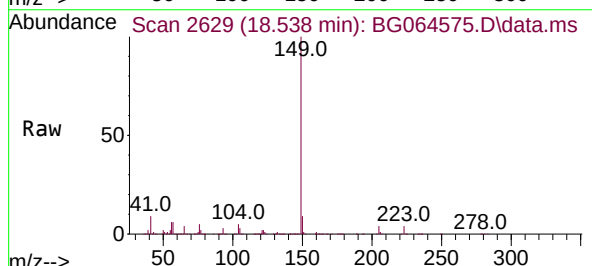
Manual Integrations
APPROVED

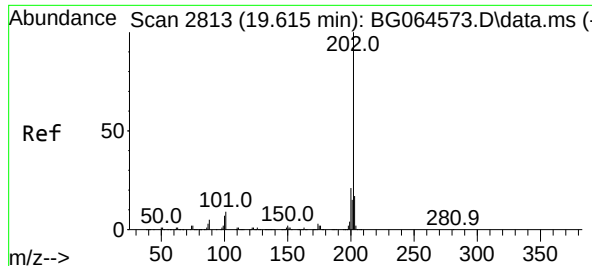
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#74
Di-n-butylphthalate
Concen: 75.790 ng
RT: 18.538 min Scan# 2629
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

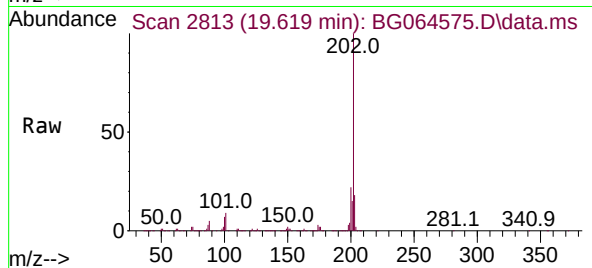
Tgt Ion:149 Resp: 1433446
Ion Ratio Lower Upper
149 100
150 8.8 7.0 10.6
104 5.4 4.1 6.1





#75
Fluoranthene
Concen: 72.835 ng
RT: 19.619 min Scan# 2813
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

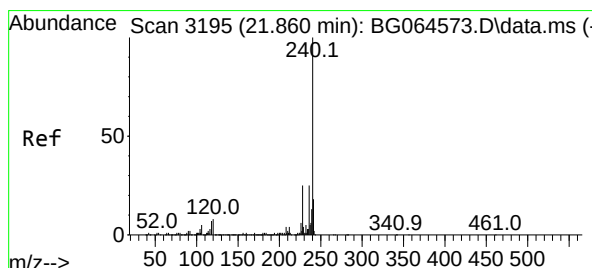
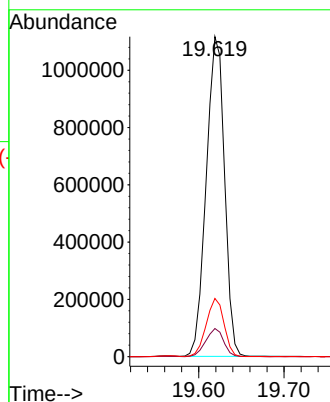
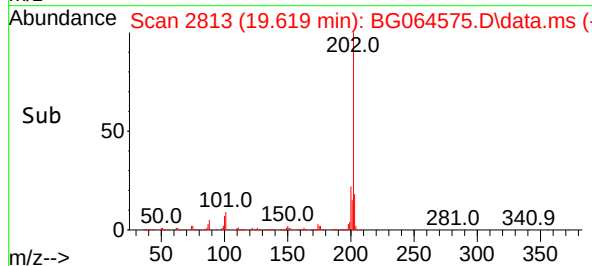
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:202 Resp: 1663673
Ion Ratio Lower Upper
202 100
101 8.8 0.0 28.7
203 18.2 0.0 37.0

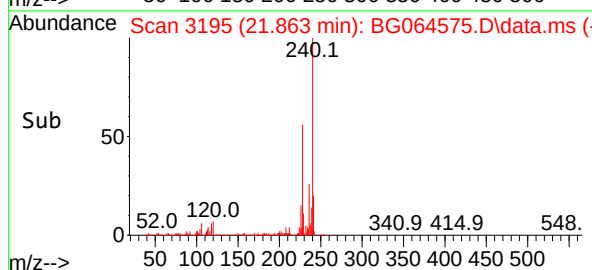
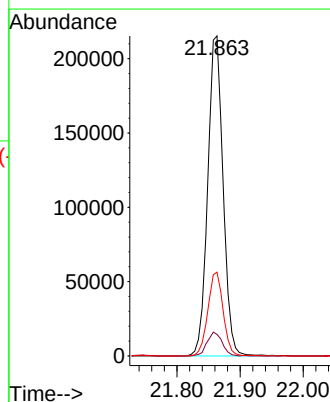
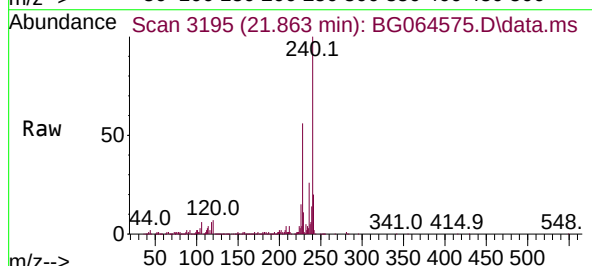
Manual Integrations
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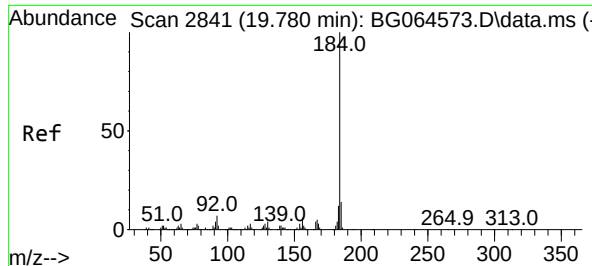
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.863 min Scan# 3195
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

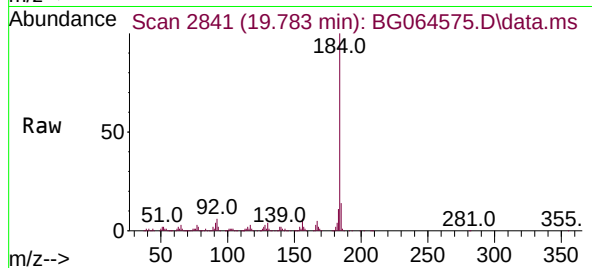
Tgt Ion:240 Resp: 363291
Ion Ratio Lower Upper
240 100
120 6.7 6.5 9.7
236 26.2 20.2 30.2





#77
Benzidine
Concen: 68.376 ng
RT: 19.783 min Scan# 2841
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

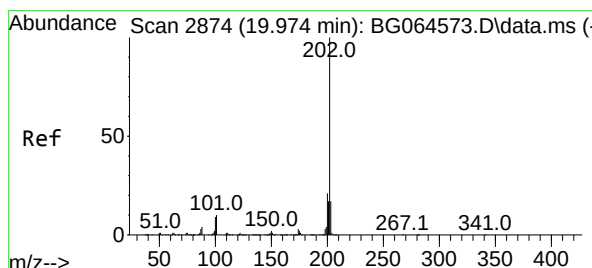
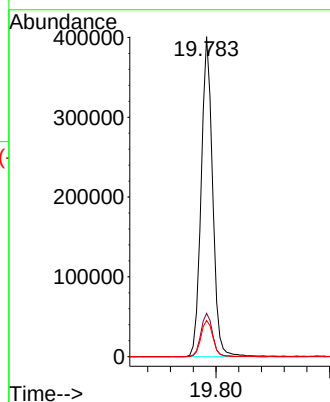
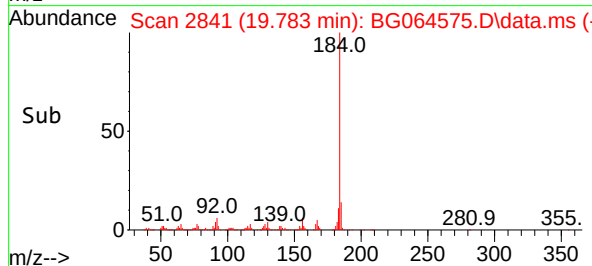
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:184 Resp: 556525
Ion Ratio Lower Upper
184 100
185 13.5 11.4 17.2
183 11.3 9.4 14.2

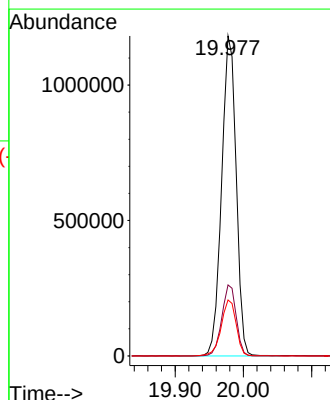
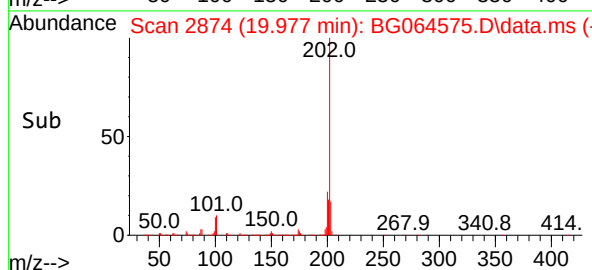
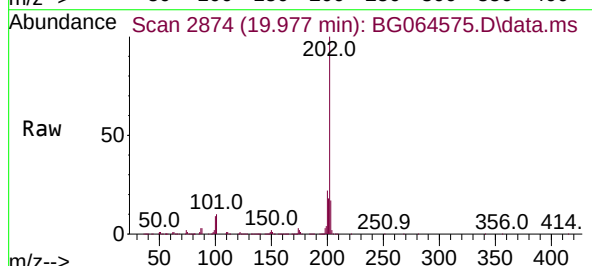
Manual Integrations
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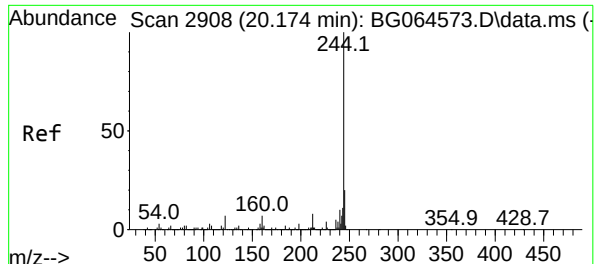
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#78
Pyrene
Concen: 73.215 ng
RT: 19.977 min Scan# 2874
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

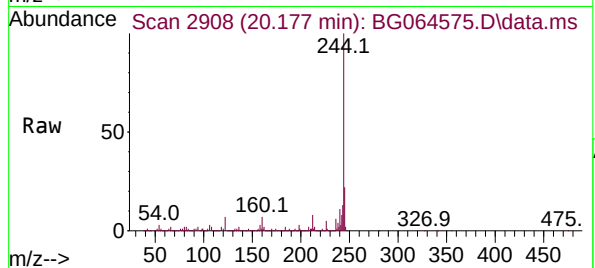
Tgt Ion:202 Resp: 1737788
Ion Ratio Lower Upper
202 100
200 22.2 17.0 25.4
203 17.5 13.8 20.6





#79
Terphenyl-d14
Concen: 140.125 ng
RT: 20.177 min Scan# 2908
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

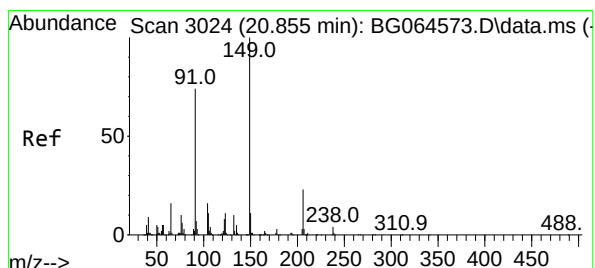
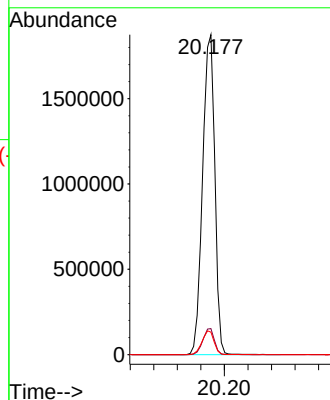
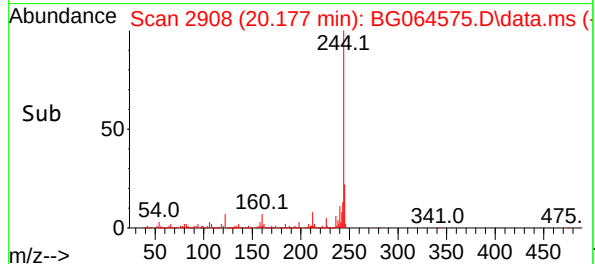
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:244 Resp: 2697491
Ion Ratio Lower Upper
244 100
212 8.1 6.1 9.1
122 7.0 5.6 8.4

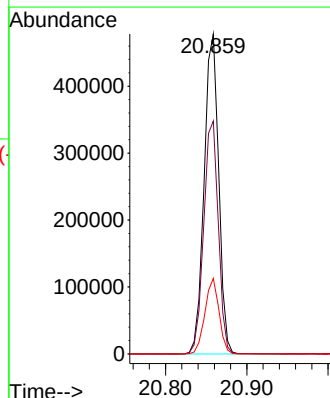
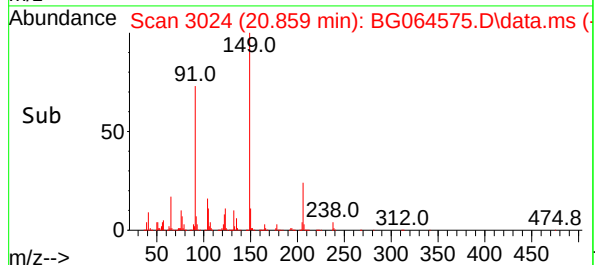
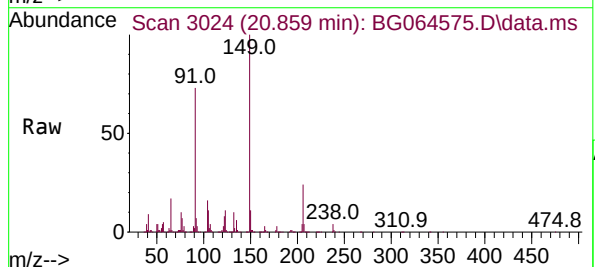
Manual Integrations
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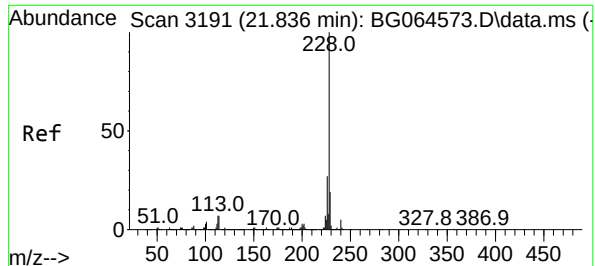
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#80
Butylbenzylphthalate
Concen: 82.988 ng
RT: 20.859 min Scan# 3024
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

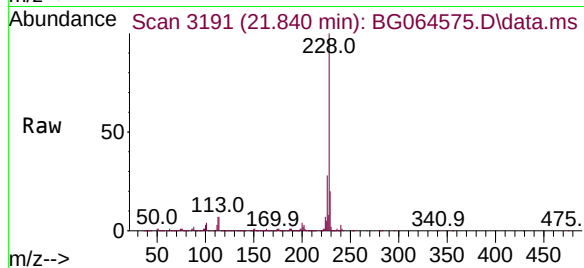
Tgt Ion:149 Resp: 595333
Ion Ratio Lower Upper
149 100
91 72.8 59.2 88.8
206 23.6 18.1 27.1





#81
Benzo(a)anthracene
Concen: 74.959 ng
RT: 21.840 min Scan# 3191
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

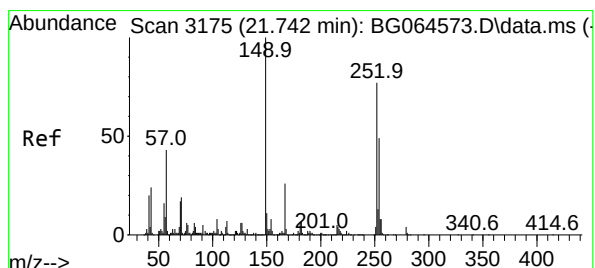
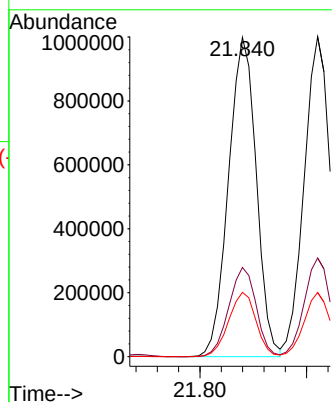
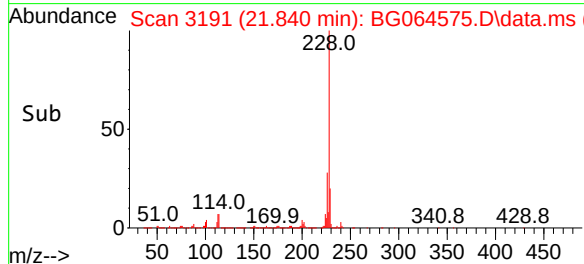
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:228 Resp: 1805628
Ion Ratio Lower Upper
228 100
226 28.0 21.9 32.9
229 20.1 15.6 23.4

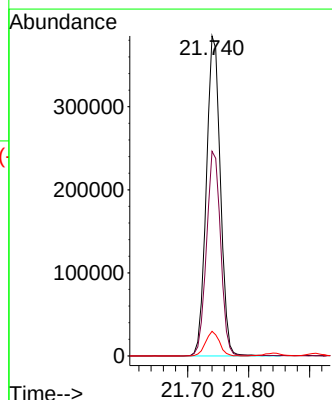
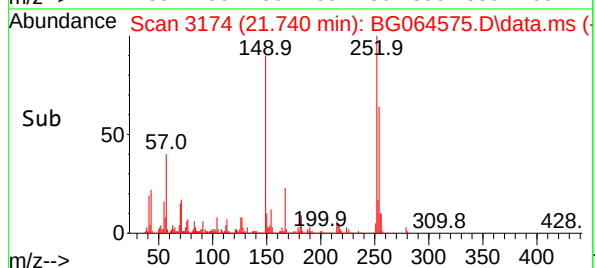
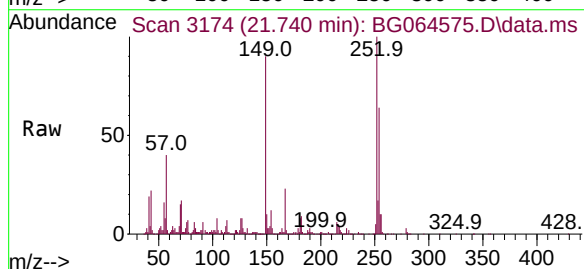
Manual Integrations
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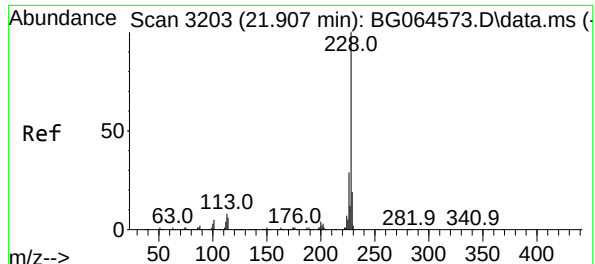
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#82
3,3'-Dichlorobenzidine
Concen: 76.524 ng
RT: 21.740 min Scan# 3174
Delta R.T. -0.002 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:252 Resp: 615546
Ion Ratio Lower Upper
252 100
254 63.9 50.8 76.2
126 7.7 5.8 8.6





#83

Chrysene

Concen: 74.368 ng

RT: 21.910 min Scan# 31

Delta R.T. 0.004 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:228 Resp: 1704533

Ion Ratio Lower Upper

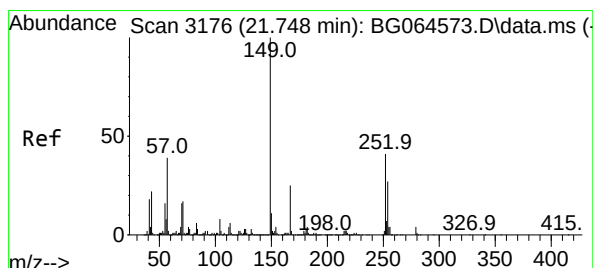
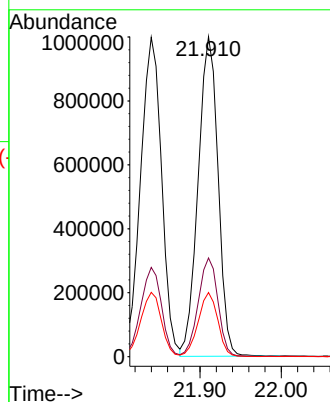
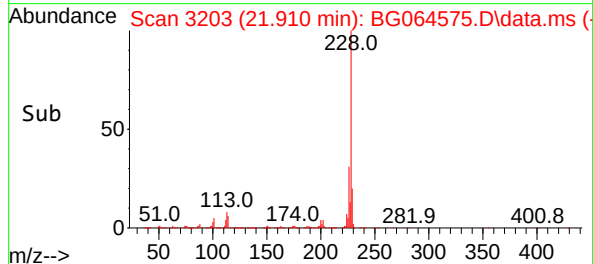
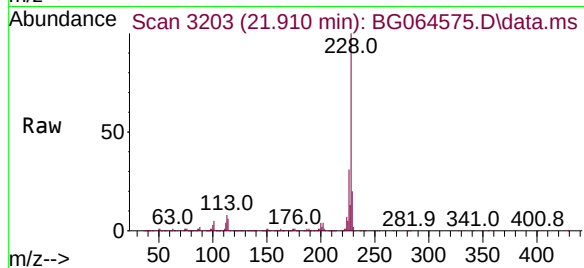
228 100

226 30.8 23.3 34.9

229 20.0 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#84

Bis(2-ethylhexyl)phthalate

Concen: 79.672 ng

RT: 21.752 min Scan# 3176

Delta R.T. 0.004 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

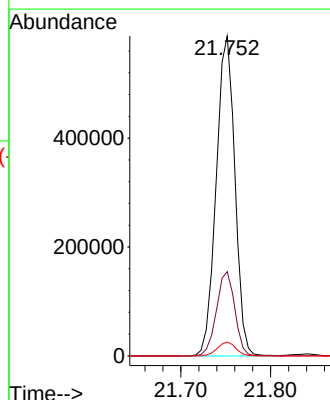
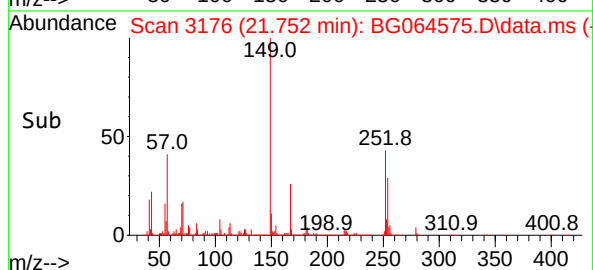
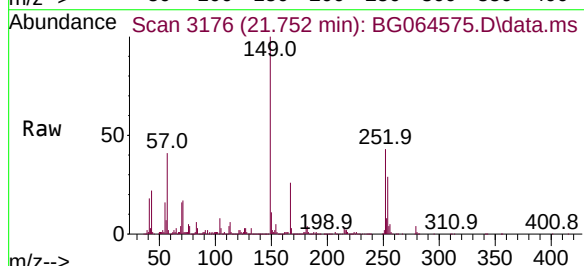
Tgt Ion:149 Resp: 854027

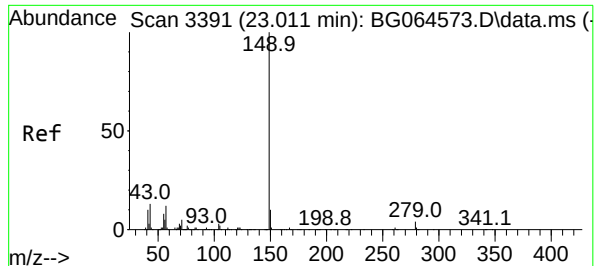
Ion Ratio Lower Upper

149 100

167 26.3 20.0 30.0

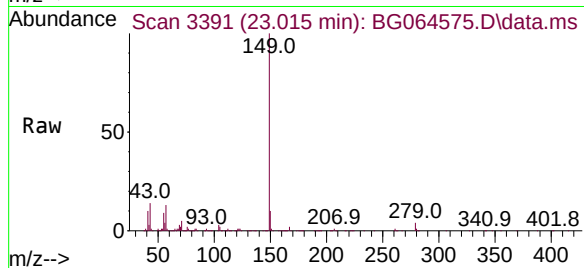
279 4.3 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 79.289 ng
RT: 23.015 min Scan# 3391
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

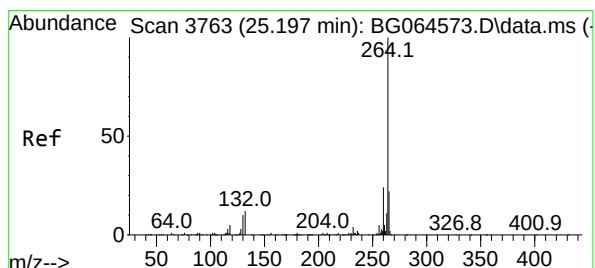
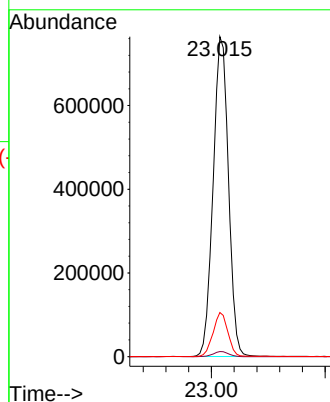
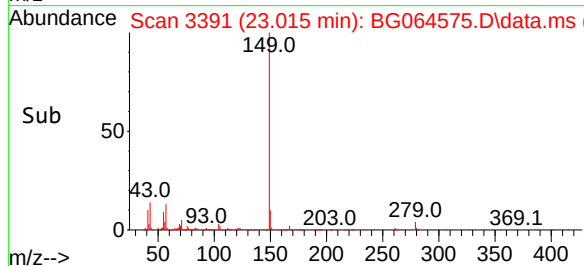
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:149 Resp: 1432956
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.5 10.8 16.2

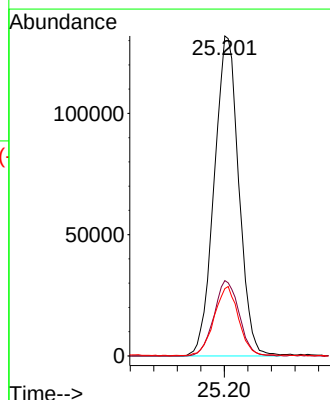
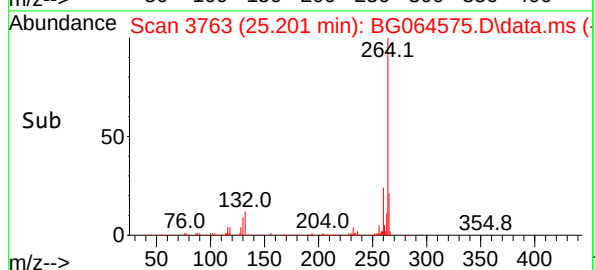
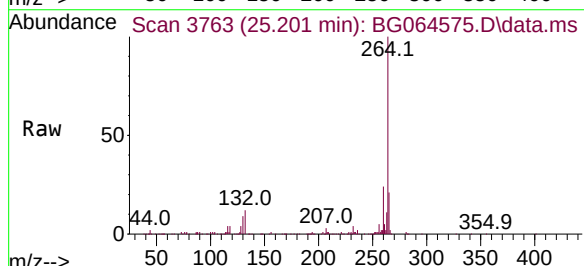
Manual Integrations
APPROVED

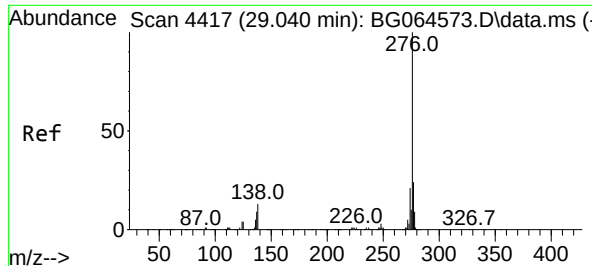
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.201 min Scan# 3763
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:264 Resp: 382372
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.4
265 21.0 17.6 26.4





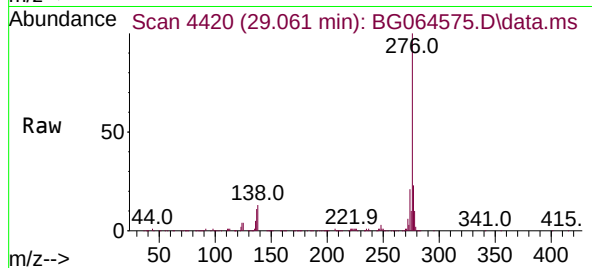
#87
Indeno(1,2,3-cd)pyrene
Concen: 76.663 ng
RT: 29.061 min Scan# 4417
Delta R.T. 0.021 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

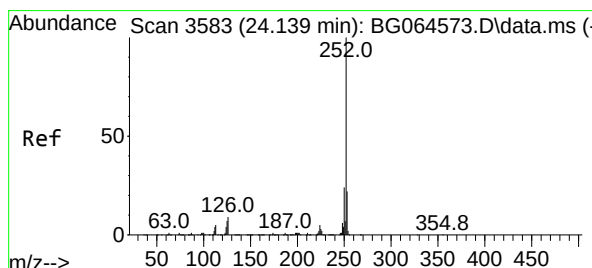
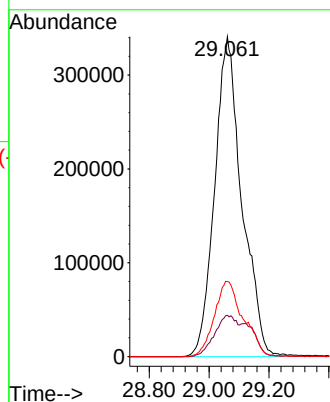
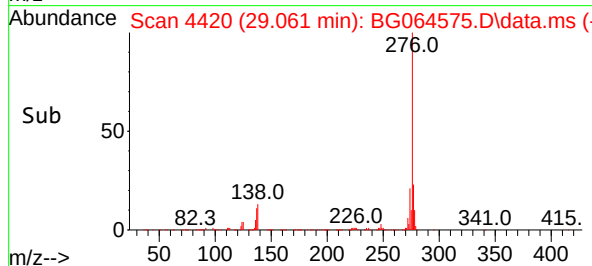


Tgt Ion:276 Resp: 2156428
Ion Ratio Lower Upper
276 100
138 10.9 10.8 16.2
277 25.2 20.1 30.1

Manual Integrations

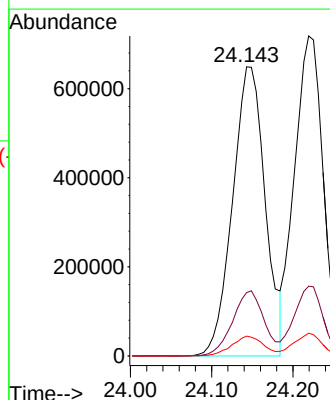
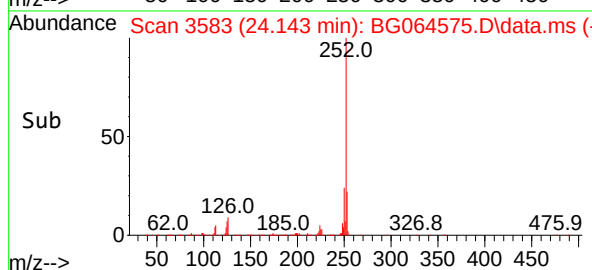
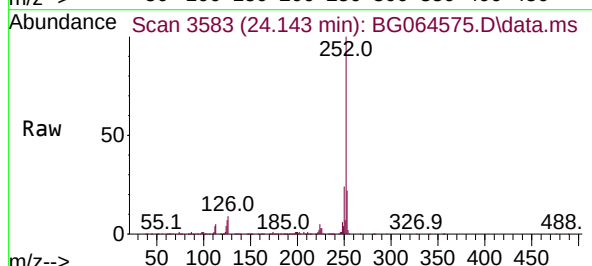
APPROVED

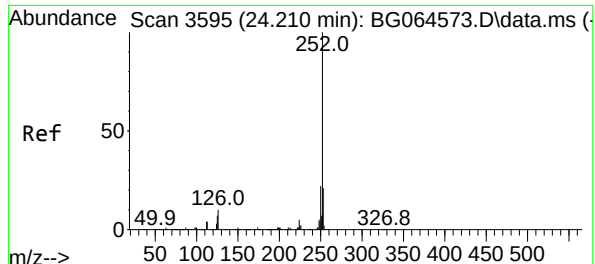
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#88
Benzo(b)fluoranthene
Concen: 77.199 ng
RT: 24.143 min Scan# 3583
Delta R.T. 0.004 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:252 Resp: 1810094
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 6.8 5.6 8.4





#89

Benzo(k)fluoranthene

Concen: 74.916 ng

RT: 24.219 min Scan# 3596

Delta R.T. 0.009 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 1757758

Ion Ratio Lower Upper

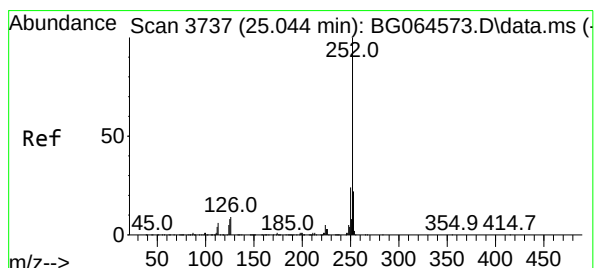
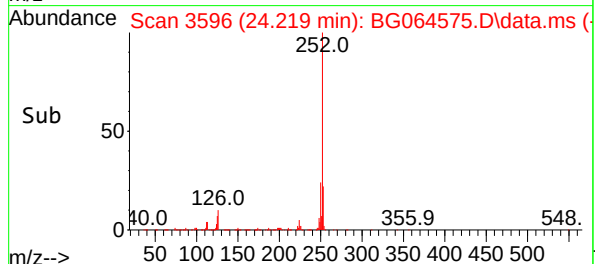
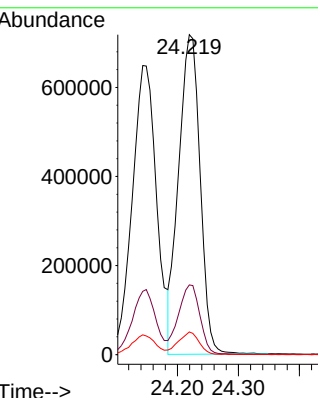
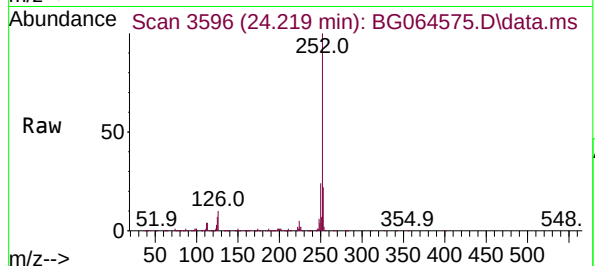
252 100

253 21.8 16.8 25.2

125 7.1 5.4 8.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

#90

Benzo(a)pyrene

Concen: 76.546 ng

RT: 25.060 min Scan# 3739

Delta R.T. 0.015 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

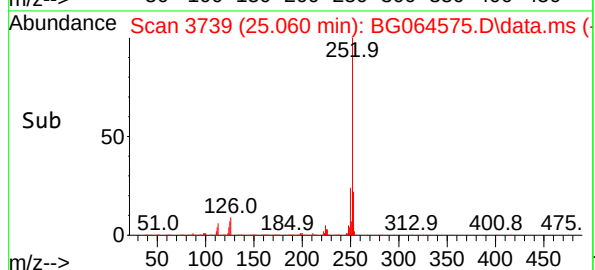
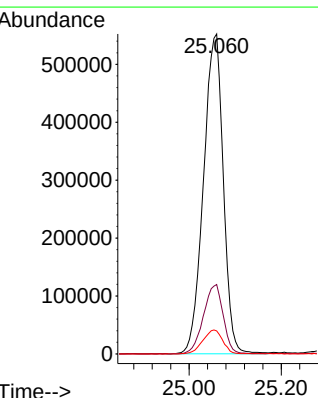
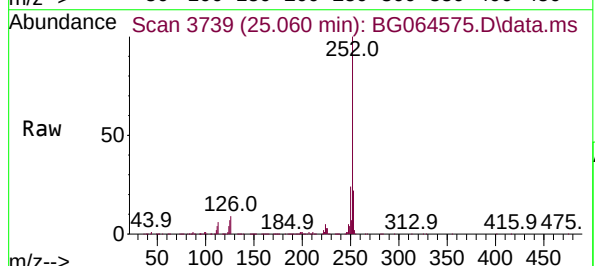
Tgt Ion:252 Resp: 1649779

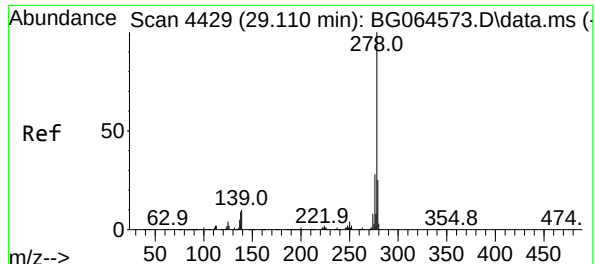
Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

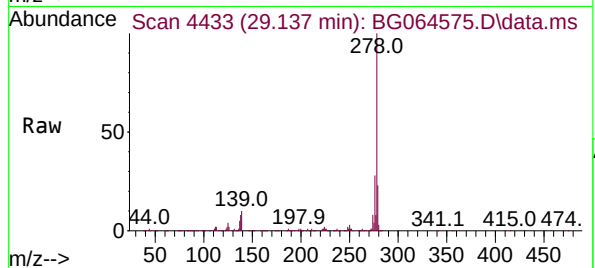
125 7.2 6.1 9.1





#91
Dibenzo(a,h)anthracene
Concen: 76.486 ng
RT: 29.137 min Scan# 4429
Delta R.T. 0.027 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

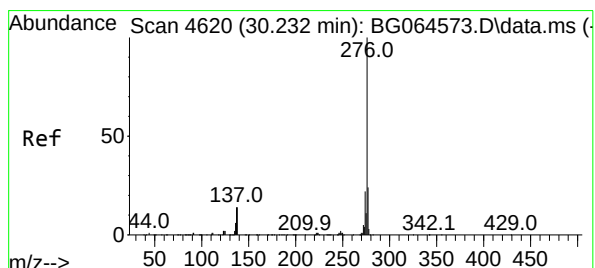
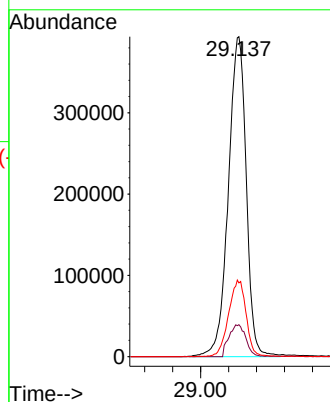
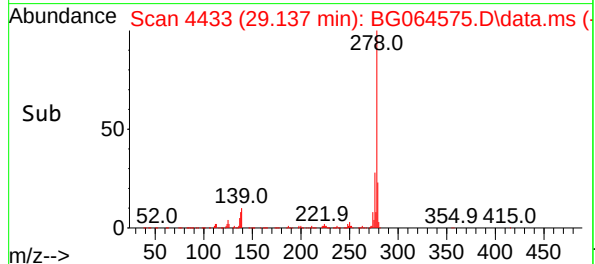
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:278 Resp: 1747896
Ion Ratio Lower Upper
278 100
139 10.0 8.0 12.0
279 23.0 19.8 29.6

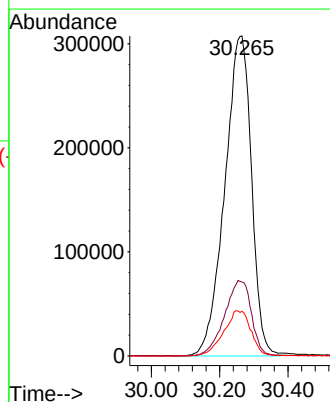
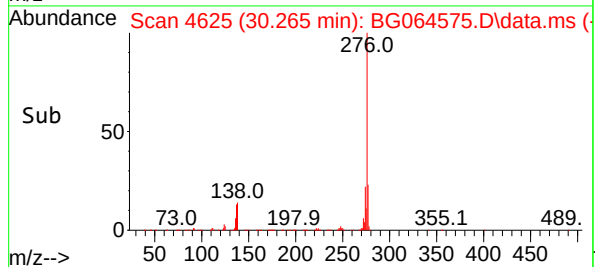
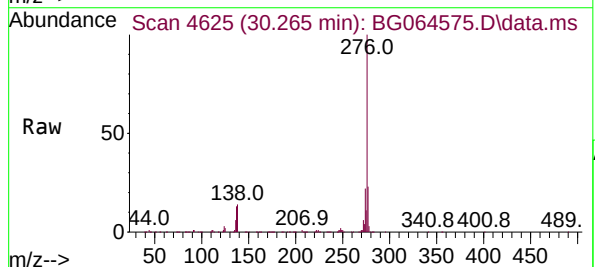
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#92
Benzo(g,h,i)perylene
Concen: 76.498 ng
RT: 30.265 min Scan# 4625
Delta R.T. 0.033 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:276 Resp: 1669976
Ion Ratio Lower Upper
276 100
277 23.1 19.1 28.7
138 13.9 11.3 16.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064576.D
 Acq On : 24 Oct 2025 15:32
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 03 18:03:30 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Nov 03 17:56:56 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.224	152	43774	20.000	ng	0.00
21) Naphthalene-d8	11.050	136	182273	20.000	ng	0.00
39) Acenaphthene-d10	14.846	164	142032	20.000	ng	0.00
64) Phenanthrene-d10	17.584	188	343365	20.000	ng	0.00
76) Chrysene-d12	21.861	240	367592	20.000	ng	0.00
86) Perylene-d12	25.210	264	385865	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.750	112	249333	95.606	ng	0.00
7) Phenol-d6	7.354	99	349586	97.687	ng	0.00
23) Nitrobenzene-d5	9.387	82	324249	106.847	ng	0.00
42) 2,4,6-Tribromophenol	16.326	330	207294	101.122	ng	0.00
45) 2-Fluorobiphenyl	13.477	172	877315	93.626	ng	0.00
79) Terphenyl-d14	20.175	244	1814661	93.162	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.588	88	51872	44.926	ng	99
3) Pyridine	3.999	79	161000	46.434	ng	96
4) n-Nitrosodimethylamine	3.905	42	85377	45.917	ng	92
6) Aniline	7.536	93	228687	46.963	ng	99
8) 2-Chlorophenol	7.777	128	134062	49.112	ng	96
9) Benzaldehyde	7.343	77	91457	46.812	ng	96
10) Phenol	7.384	94	192663	48.681	ng	98
11) bis(2-Chloroethyl)ether	7.630	93	139360	47.894	ng	95
12) 1,3-Dichlorobenzene	8.112	146	146905	46.758	ng	98
13) 1,4-Dichlorobenzene	8.259	146	151083	47.293	ng	93
14) 1,2-Dichlorobenzene	8.582	146	143986	46.729	ng	96
15) Benzyl Alcohol	8.447	79	142880	48.417	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.741	45	361264	47.332	ng	99
17) 2-Methylphenol	8.653	107	126868	48.282	ng	94
18) Hexachloroethane	9.328	117	54330	48.463	ng	94
19) n-Nitroso-di-n-propyla...	9.029	70	122051	49.350	ng	97
20) 3+4-Methylphenols	8.982	107	176415	47.740	ng	99
22) Acetophenone	9.046	105	234956	47.155	ng	# 100
24) Nitrobenzene	9.428	77	171837	52.060	ng	96
25) Isophorone	9.957	82	348174	47.813	ng	97
26) 2-Nitrophenol	10.145	139	61611	48.353	ng	90
27) 2,4-Dimethylphenol	10.198	122	135402	49.988	ng	96
28) bis(2-Chloroethoxy)met...	10.439	93	194038	46.800	ng	99
29) 2,4-Dichlorophenol	10.680	162	148850	51.062	ng	94
30) 1,2,4-Trichlorobenzene	10.909	180	159207	48.068	ng	94
31) Naphthalene	11.103	128	471891	46.695	ng	98
32) Benzoic acid	10.321	122	97970m	47.410	ng	
33) 4-Chloroaniline	11.191	127	186814	47.560	ng	98
34) Hexachlorobutadiene	11.397	225	123596	47.716	ng	98
35) Caprolactam	11.961	113	53689	48.020	ng	# 93
36) 4-Chloro-3-methylphenol	12.296	107	171120	48.836	ng	98
37) 2-Methylnaphthalene	12.695	142	351946	47.435	ng	97
38) 1-Methylnaphthalene	12.913	142	342687	46.666	ng	95
40) 1,2,4,5-Tetrachloroben...	13.054	216	224658	47.131	ng	99
41) Hexachlorocyclopentadiene	13.042	237	105411	49.131	ng	98
43) 2,4,6-Trichlorophenol	13.283	196	141505	51.898	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064576.D
 Acq On : 24 Oct 2025 15:32
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 03 18:03:30 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Nov 03 17:56:56 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.353	196	157315	49.997	ng	96
46) 1,1'-Biphenyl	13.688	154	470676	46.613	ng	99
47) 2-Chloronaphthalene	13.729	162	359811	47.208	ng	99
48) 2-Nitroaniline	13.911	65	121908	47.668	ng	92
49) Acenaphthylene	14.569	152	565771	47.060	ng	99
50) Dimethylphthalate	14.293	163	519303	47.781	ng	99
51) 2,6-Dinitrotoluene	14.405	165	86665	48.306	ng	99
52) Acenaphthene	14.910	154	388012	47.239	ng	99
53) 3-Nitroaniline	14.734	138	99748	53.405	ng	96
54) 2,4-Dinitrophenol	14.928	184	49318	47.268	ng	89
55) Dibenzofuran	15.239	168	615553	46.355	ng	99
56) 4-Nitrophenol	15.016	139	88609	51.169	ng	95
57) 2,4-Dinitrotoluene	15.186	165	132374	47.759	ng	# 99
58) Fluorene	15.891	166	481625	46.441	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.457	232	157783	52.440	ng	99
60) Diethylphthalate	15.650	149	527594	47.543	ng	100
61) 4-Chlorophenyl-phenyle...	15.880	204	271068	46.576	ng	98
62) 4-Nitroaniline	15.891	138	110067	52.970	ng	98
63) Azobenzene	16.168	77	475203	46.671	ng	99
65) 4,6-Dinitro-2-methylph...	15.944	198	71672	47.500	ng	95
66) n-Nitrosodiphenylamine	16.085	169	444824	47.959	ng	99
67) 4-Bromophenyl-phenylether	16.773	248	196226	48.225	ng	96
68) Hexachlorobenzene	16.890	284	223018	48.043	ng	94
69) Atrazine	17.025	200	187862	47.066	ng	96
70) Pentachlorophenol	17.225	266	147427	50.930	ng	95
71) Phenanthrene	17.625	178	875415	46.621	ng	99
72) Anthracene	17.719	178	893629	46.785	ng	99
73) Carbazole	17.977	167	781031	46.370	ng	100
74) Di-n-butylphthalate	18.535	149	930281	47.762	ng	100
75) Fluoranthene	19.622	202	1092855	46.459	ng	99
77) Benzidine	19.787	184	382418	46.435	ng	100
78) Pyrene	19.981	202	1133345	47.190	ng	99
80) Butylbenzylphthalate	20.856	149	374611	51.609	ng	100
81) Benzo(a)anthracene	21.843	228	1151242	47.234	ng	99
82) 3,3'-Dichlorobenzidine	21.743	252	389240	47.824	ng	97
83) Chrysene	21.908	228	1091456	47.062	ng	98
84) Bis(2-ethylhexyl)phtha...	21.749	149	537716	49.576	ng	98
85) Di-n-octyl phthalate	23.018	149	896763	49.039	ng	99
87) Indeno(1,2,3-cd)pyrene	29.052	276	1346188	47.425	ng	97
88) Benzo(b)fluoranthene	24.146	252	1131250	47.810	ng	100
89) Benzo(k)fluoranthene	24.217	252	1110490	46.901	ng	98
90) Benzo(a)pyrene	25.051	252	1029605	47.339	ng	99
91) Dibenzo(a,h)anthracene	29.129	278	1090407	47.283	ng	99
92) Benzo(g,h,i)perylene	30.245	276	1039447	47.184	ng	99

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

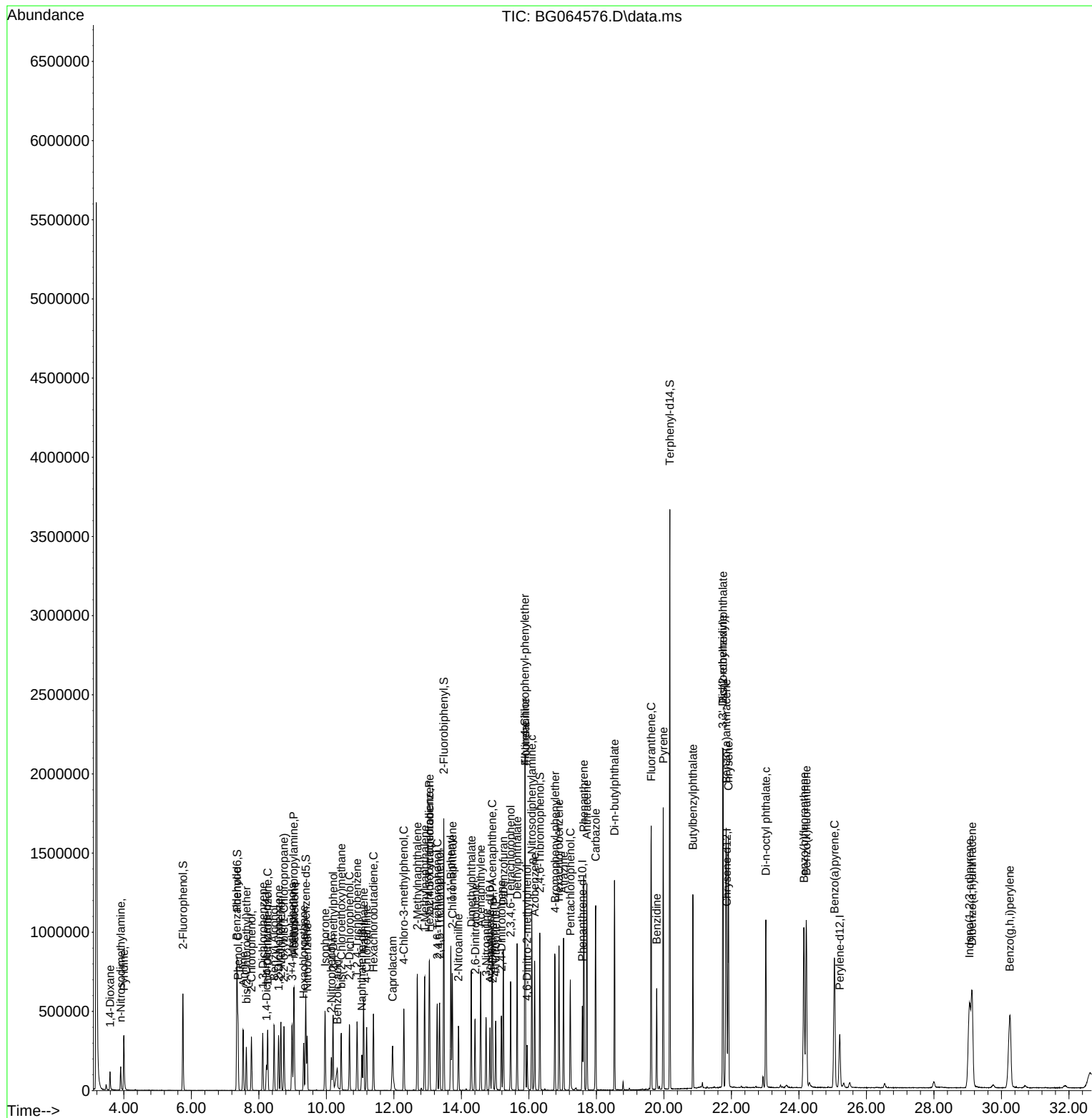
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Acq On    : 24 Oct 2025  15:32  
Operator  : RC/JU  
Sample    : SSTDICC050  
Misc      :  
ALS Vial  : 9    Sample Multiplier: 1
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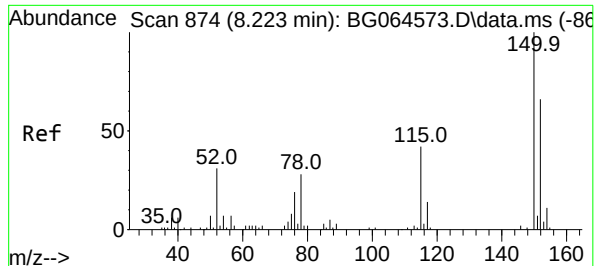
Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

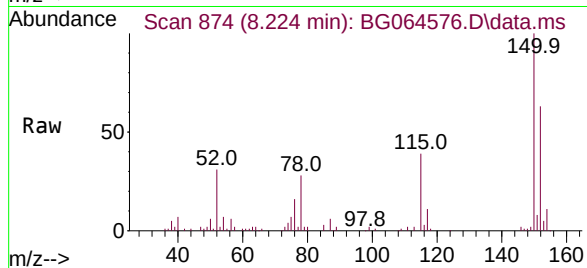
Quant Time: Nov 03 18:03:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 17:56:56 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.224 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

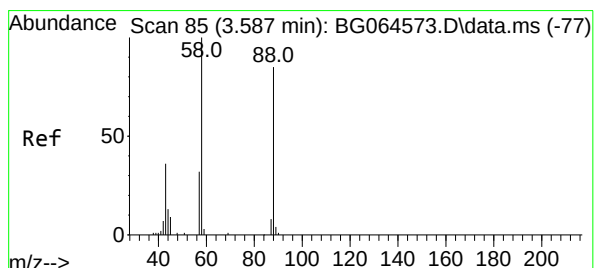
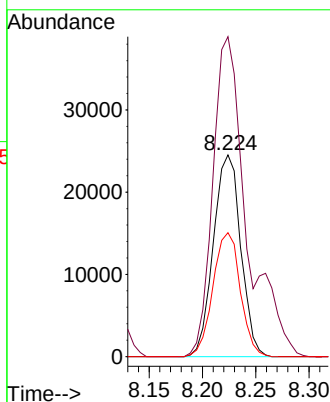
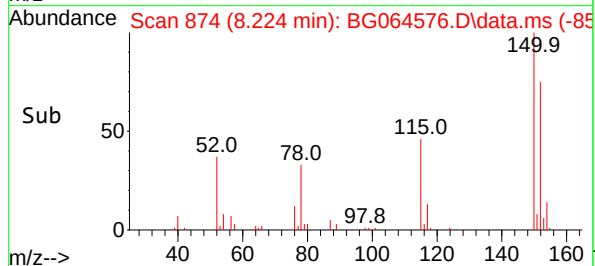
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:152 Resp: 43774
Ion Ratio Lower Upper
152 100
150 158.7 122.2 183.4
115 61.5 50.8 76.2

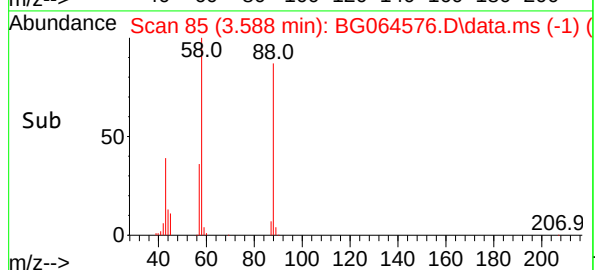
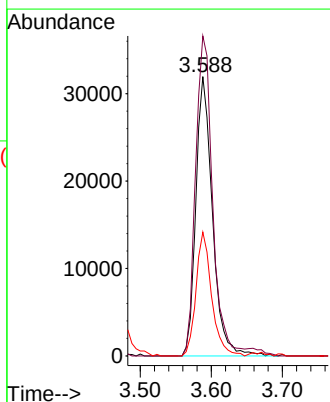
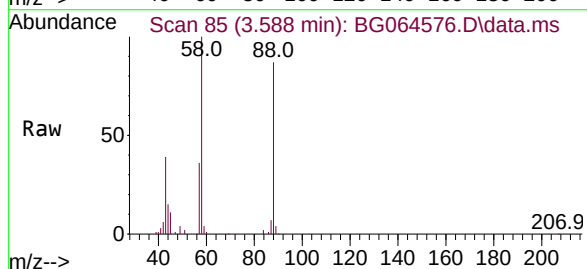
Manual Integrations
APPROVED

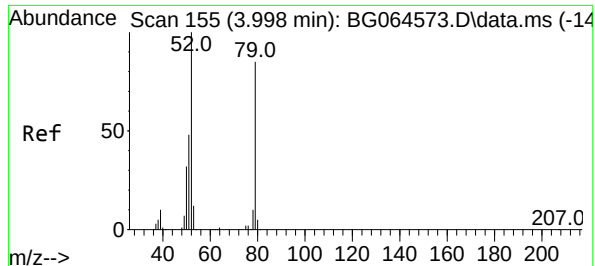
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#2
1,4-Dioxane
Concen: 44.926 ng
RT: 3.588 min Scan# 85
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

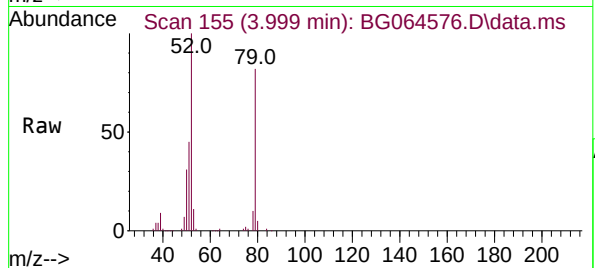
Tgt Ion: 88 Resp: 51872
Ion Ratio Lower Upper
88 100
58 116.7 92.4 138.6
43 41.6 33.0 49.6





#3
Pyridine
Concen: 46.434 ng
RT: 3.999 min Scan# 155
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

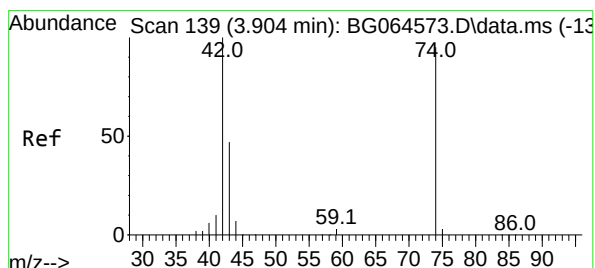
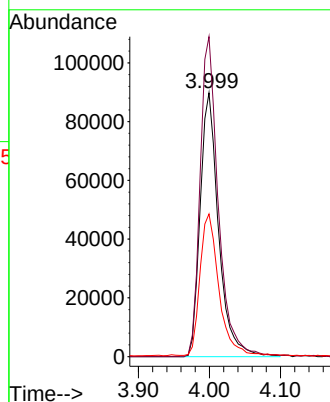
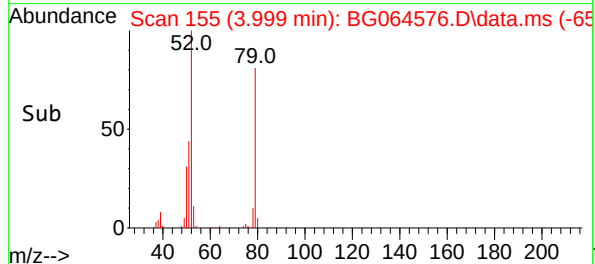
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion: 79 Resp: 161000
Ion Ratio Lower Upper
79 100
52 121.3 94.2 141.2
51 54.1 46.1 69.1

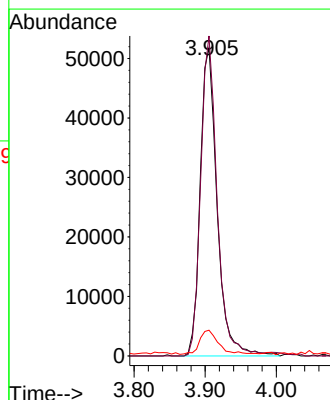
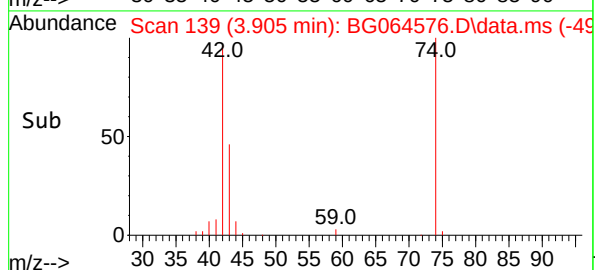
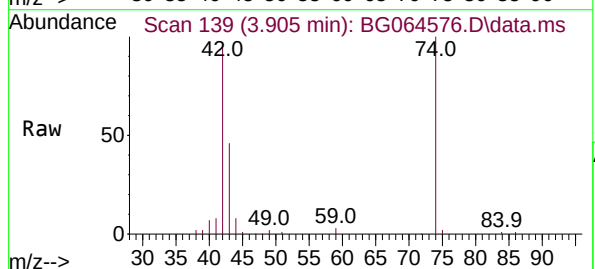
Manual Integrations
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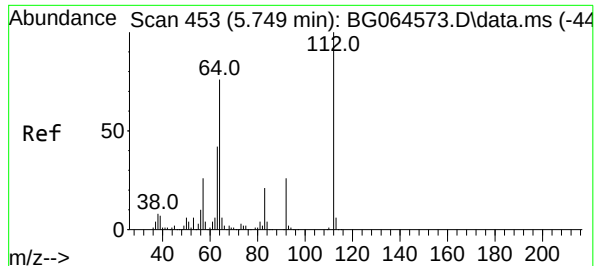
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#4
n-Nitrosodimethylamine
Concen: 45.917 ng
RT: 3.905 min Scan# 139
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

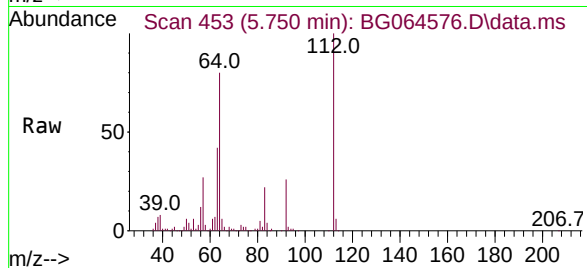
Tgt Ion: 42 Resp: 85377
Ion Ratio Lower Upper
42 100
74 103.9 76.1 114.1
44 8.4 6.3 9.5





#5
2-Fluorophenol
Concen: 95.606 ng
RT: 5.750 min Scan# 453
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

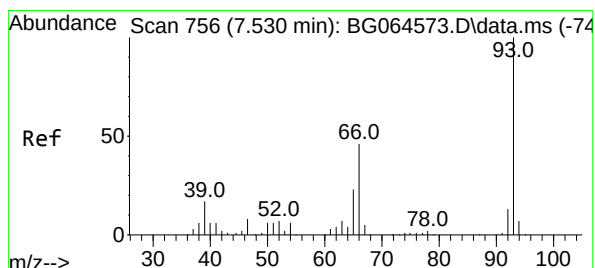
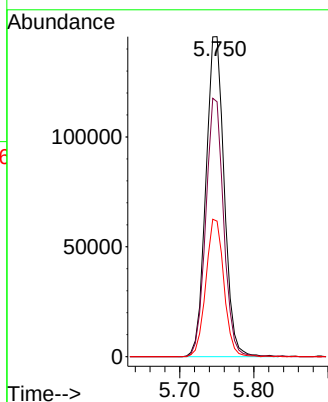
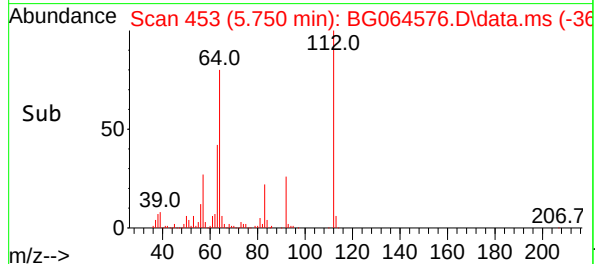
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion: 112 Resp: 249333
Ion Ratio Lower Upper
112 100
64 79.6 60.7 91.1
63 42.3 33.4 50.0

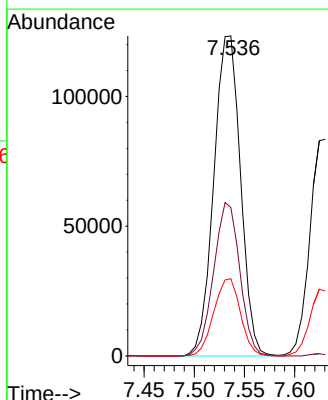
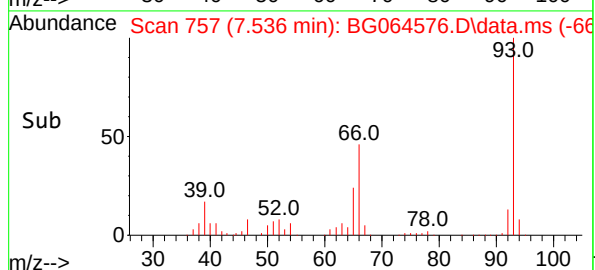
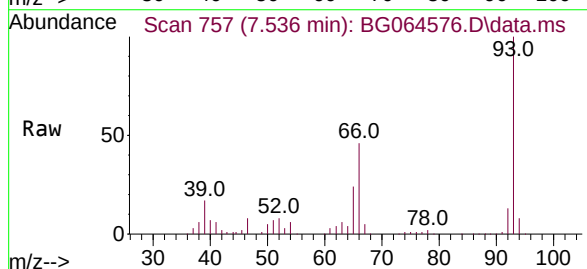
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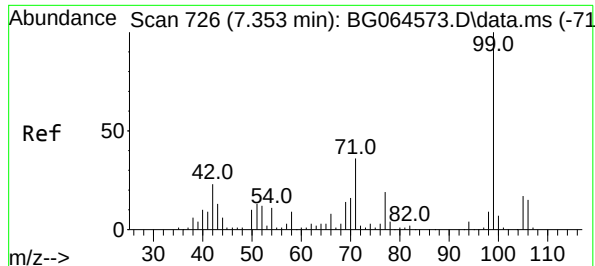
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#6
Aniline
Concen: 46.963 ng
RT: 7.536 min Scan# 757
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion: 93 Resp: 228687
Ion Ratio Lower Upper
93 100
66 46.4 37.0 55.6
65 24.1 18.3 27.5





#7

Phenol-d6

Concen: 97.687 ng

RT: 7.354 min Scan# 71

Delta R.T. 0.001 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion: 99 Resp: 349586

Ion Ratio Lower Upper

99 100

42 24.0 18.3 27.5

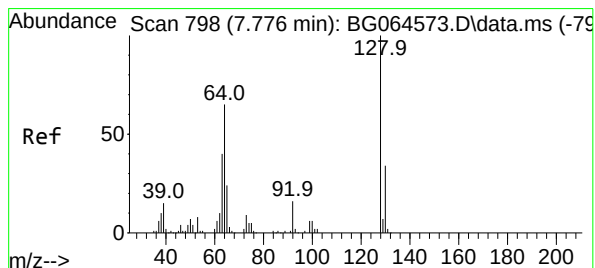
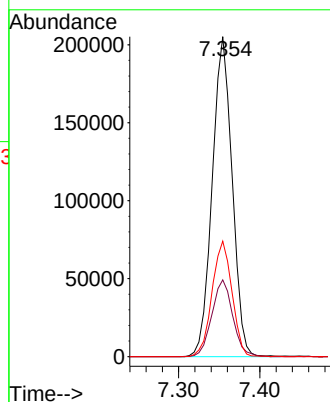
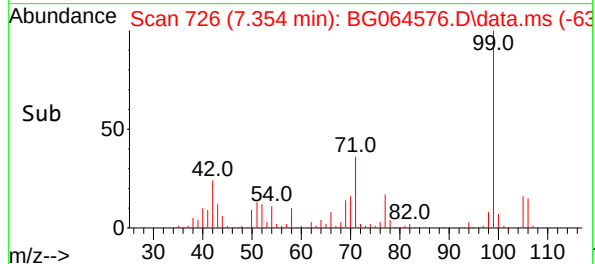
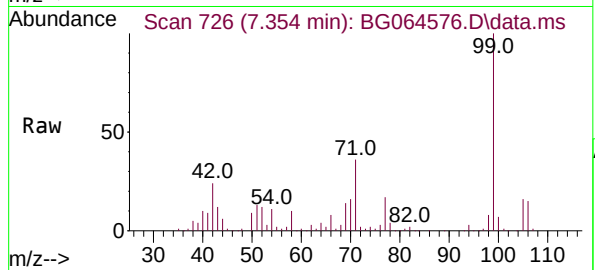
71 36.1 28.6 43.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#8

2-Chlorophenol

Concen: 49.112 ng

RT: 7.777 min Scan# 798

Delta R.T. 0.001 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

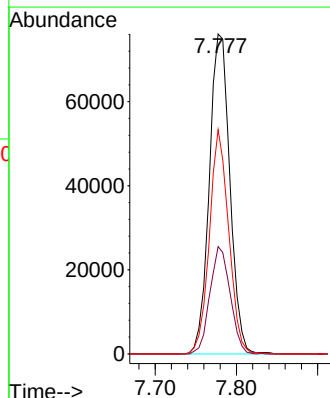
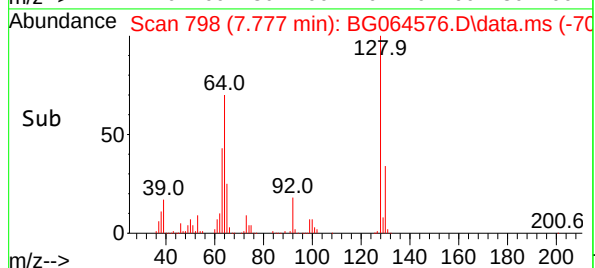
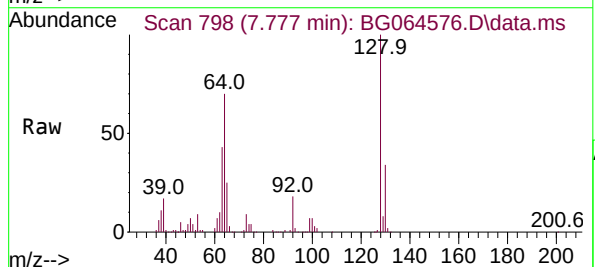
Tgt Ion:128 Resp: 134062

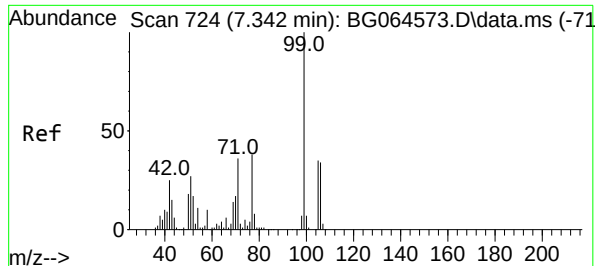
Ion Ratio Lower Upper

128 100

130 33.5 13.5 53.5

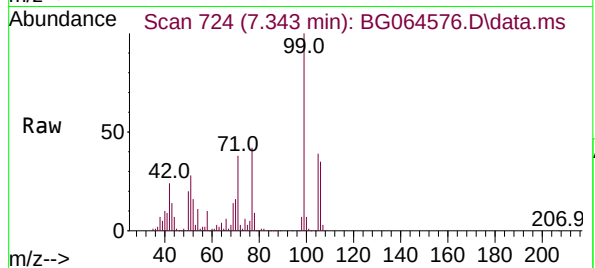
64 70.0 45.2 85.2





#9
Benzaldehyde
Concen: 46.812 ng
RT: 7.343 min Scan# 71
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

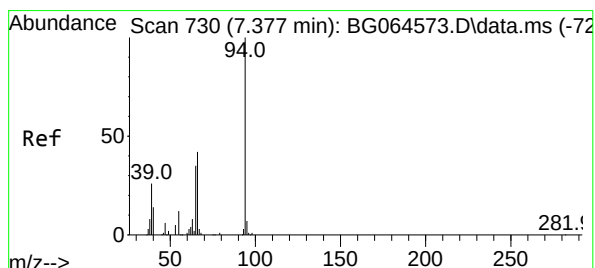
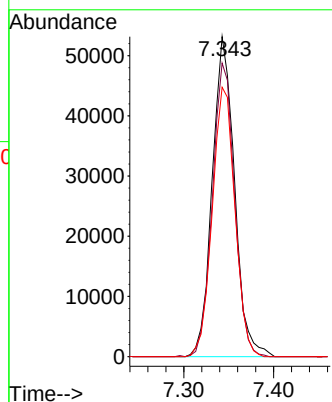
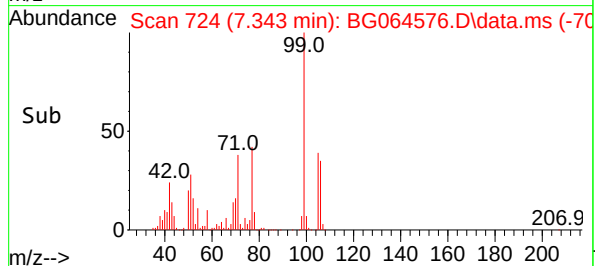
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



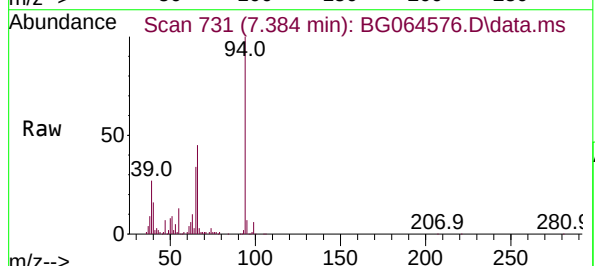
Tgt Ion: 77 Resp: 9145
Ion Ratio Lower Upper
77 100
105 91.7 72.9 112.9
106 84.2 70.8 110.8

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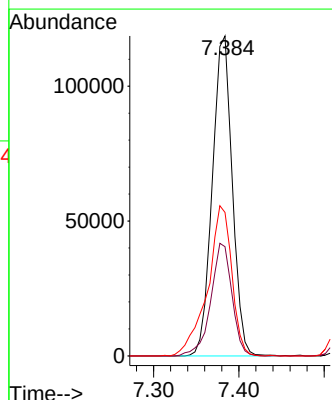
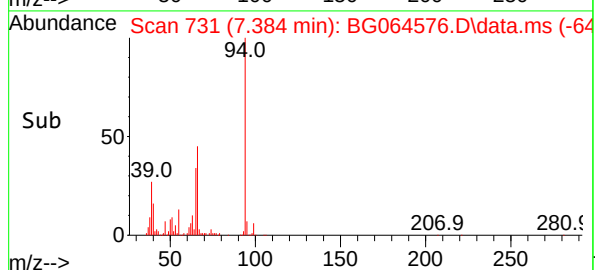
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

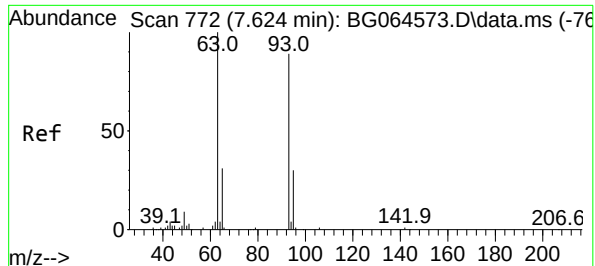


#10
Phenol
Concen: 48.681 ng
RT: 7.384 min Scan# 731
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



Tgt Ion: 94 Resp: 192663
Ion Ratio Lower Upper
94 100
65 34.1 15.8 55.8
66 44.8 24.0 64.0





#11

bis(2-Chloroethyl)ether

Concen: 47.894 ng

RT: 7.630 min Scan# 71

Delta R.T. 0.007 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion: 93 Resp: 139360

Ion Ratio Lower Upper

93 100

63 105.5 91.3 131.3

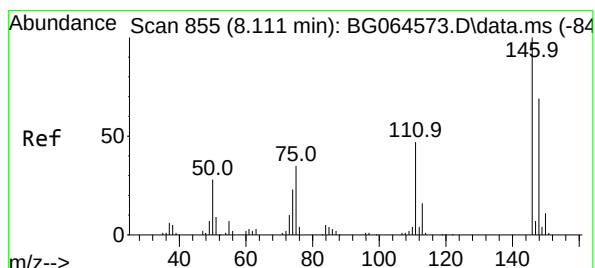
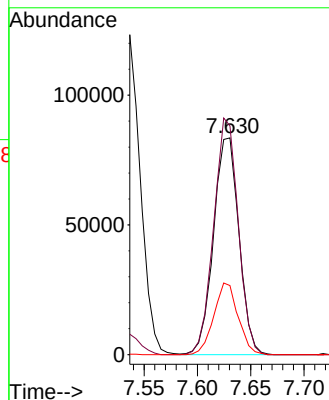
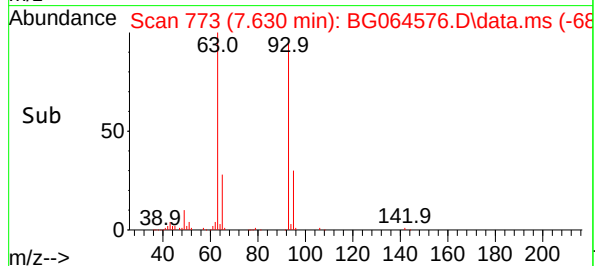
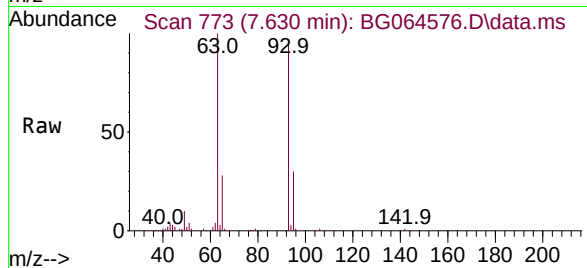
95 31.8 13.3 53.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#12

1,3-Dichlorobenzene

Concen: 46.758 ng

RT: 8.112 min Scan# 855

Delta R.T. 0.001 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

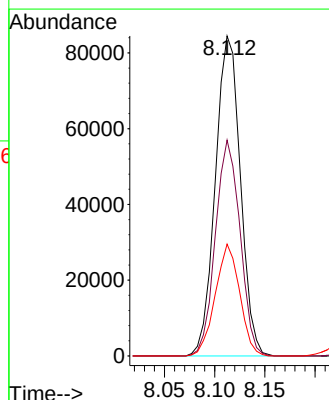
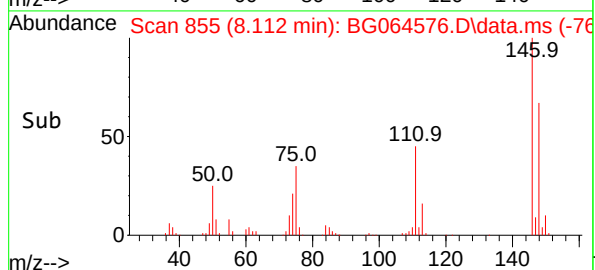
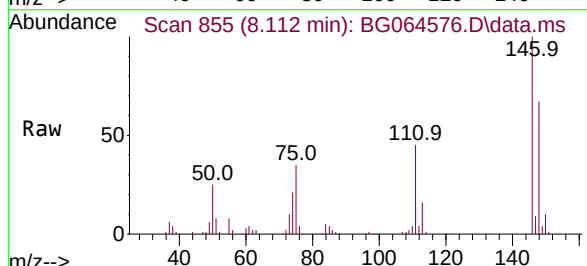
Tgt Ion:146 Resp: 146905

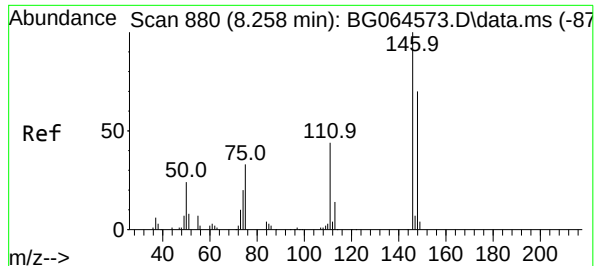
Ion Ratio Lower Upper

146 100

148 67.4 55.3 82.9

75 34.9 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 47.293 ng

RT: 8.259 min Scan# 880

Delta R.T. 0.001 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:146 Resp: 151083

Ion Ratio Lower Upper

146 100

148 62.7 56.2 84.4

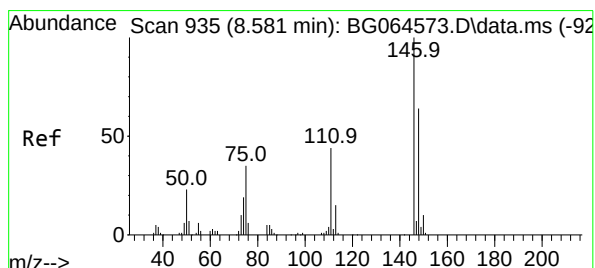
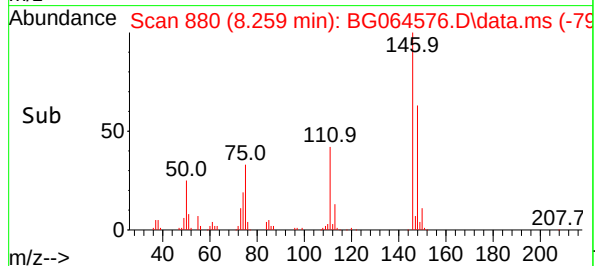
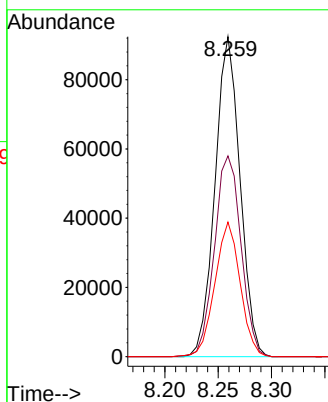
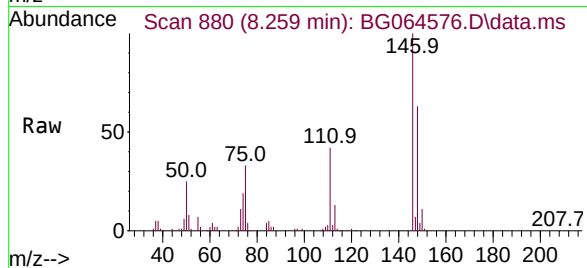
111 42.0 35.4 53.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#14

1,2-Dichlorobenzene

Concen: 46.729 ng

RT: 8.582 min Scan# 935

Delta R.T. 0.001 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

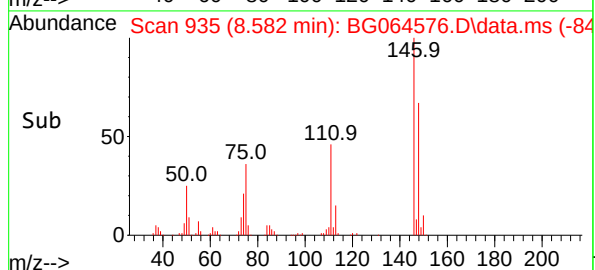
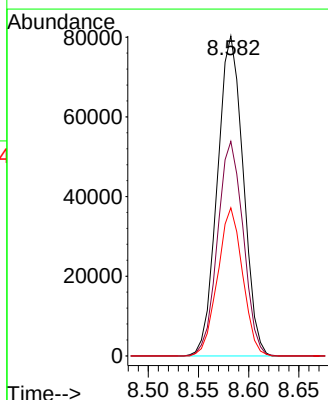
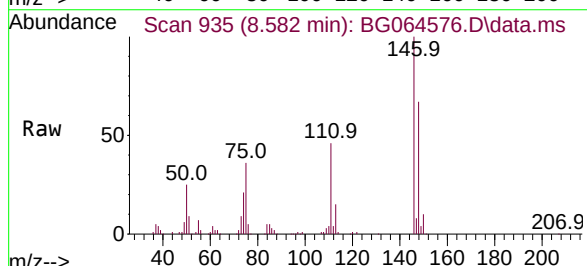
Tgt Ion:146 Resp: 143986

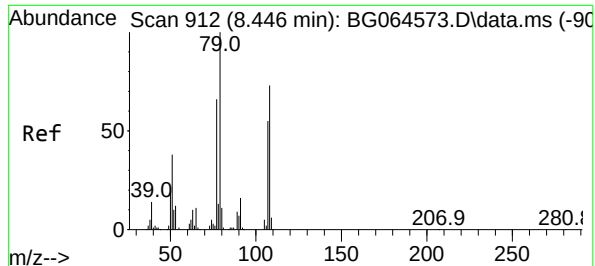
Ion Ratio Lower Upper

146 100

148 67.0 51.5 77.3

111 46.3 35.0 52.6





#15

Benzyl Alcohol

Concen: 48.417 ng

RT: 8.447 min Scan# 912

Delta R.T. 0.001 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion: 79 Resp: 142880

Ion Ratio Lower Upper

79 100

108 71.2 58.1 87.1

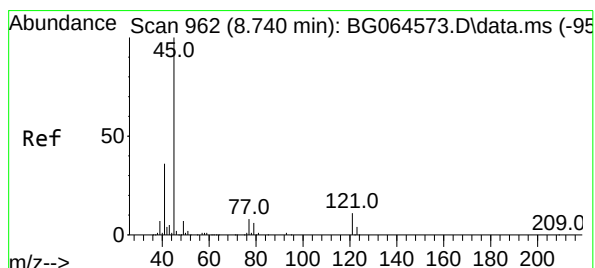
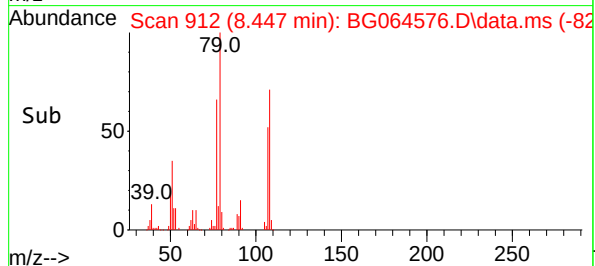
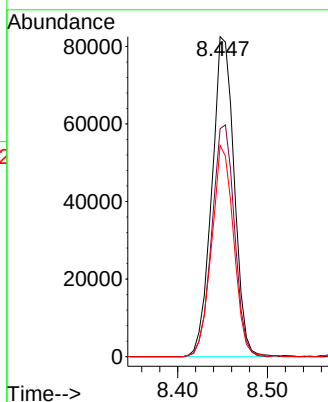
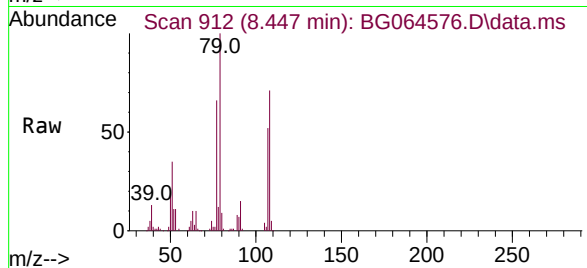
77 66.0 52.8 79.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.332 ng

RT: 8.741 min Scan# 962

Delta R.T. 0.001 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

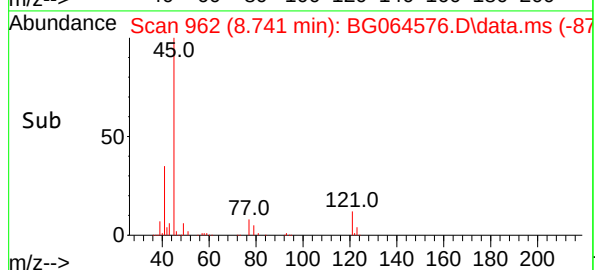
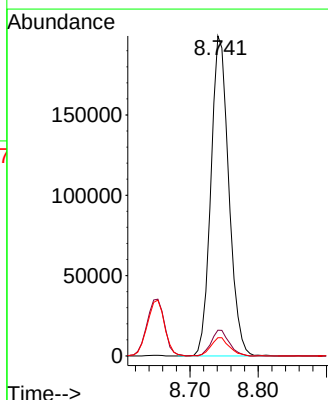
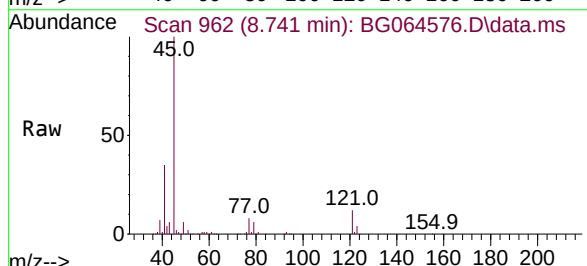
Tgt Ion: 45 Resp: 361264

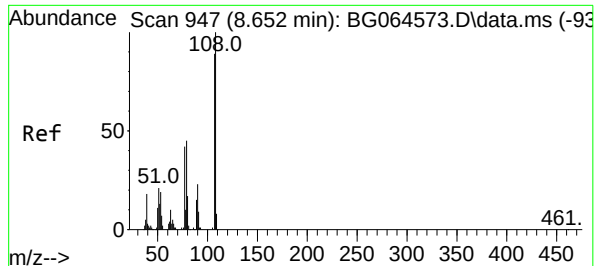
Ion Ratio Lower Upper

45 100

77 8.0 0.0 28.5

79 5.7 0.0 25.6





#17

2-Methylphenol

Concen: 48.282 ng

RT: 8.653 min Scan# 94

Delta R.T. 0.001 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:107 Resp: 126868

Ion Ratio Lower Upper

107 100

108 120.8 90.0 135.0

77 49.7 37.8 56.8

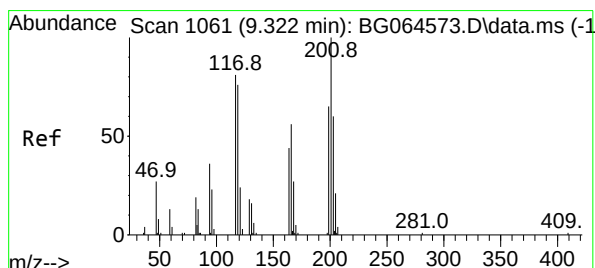
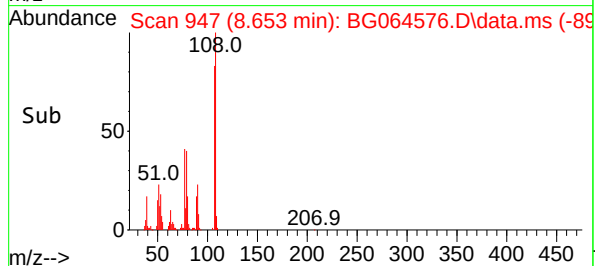
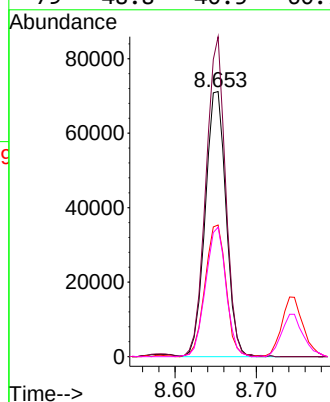
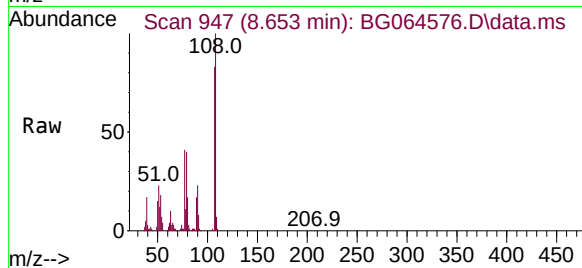
79 48.8 40.5 60.7

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#18

Hexachloroethane

Concen: 48.463 ng

RT: 9.328 min Scan# 1062

Delta R.T. 0.007 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

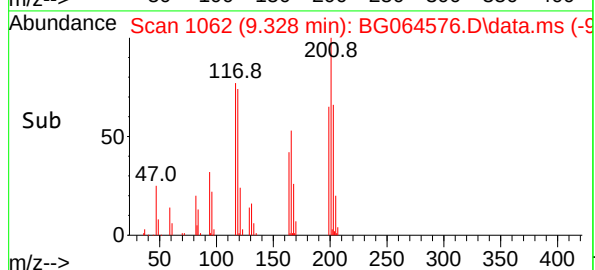
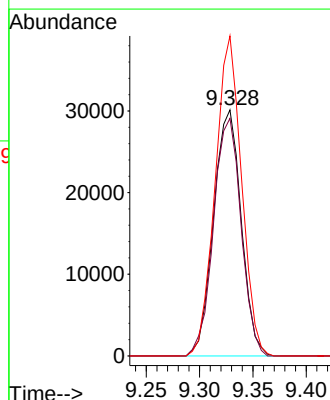
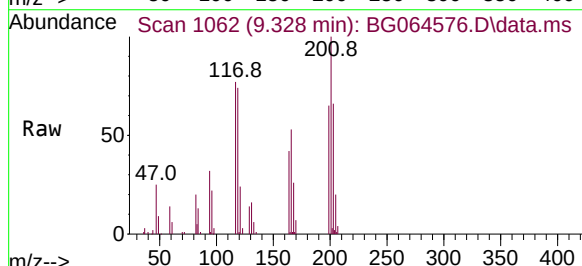
Tgt Ion:117 Resp: 54330

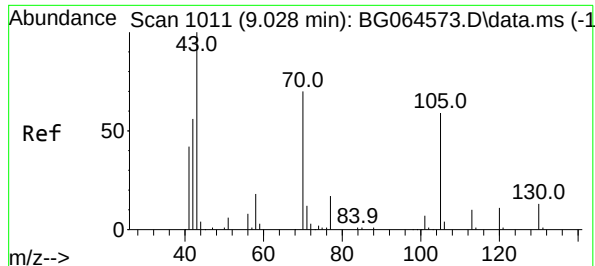
Ion Ratio Lower Upper

117 100

119 96.5 75.4 113.2

201 134.0 99.2 148.8





#19

n-Nitroso-di-n-propylamine

Concen: 49.350 ng

RT: 9.029 min Scan# 1011

Delta R.T. 0.001 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 12205

Ion Ratio Lower Upper

70 100

42 78.6 65.2 97.8

101 8.8 7.9 11.9

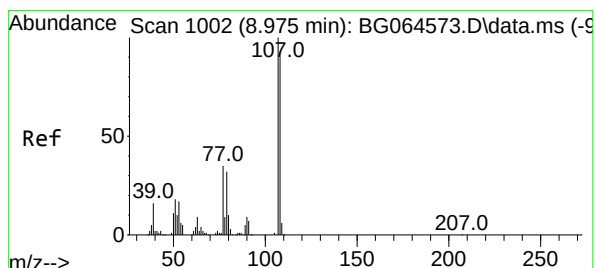
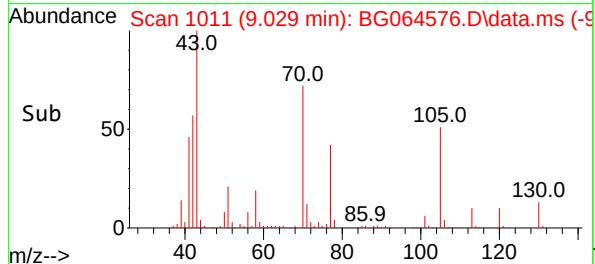
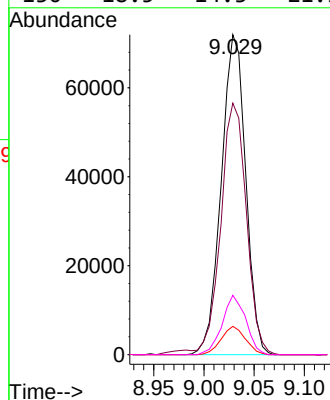
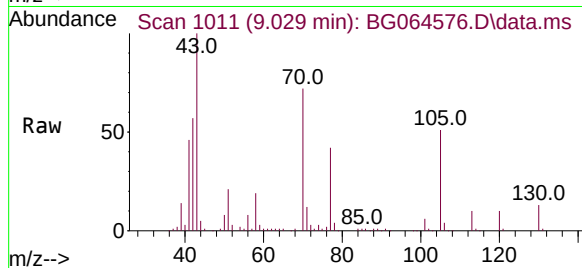
130 18.5 14.3 21.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#20

3+4-Methylphenols

Concen: 47.740 ng

RT: 8.982 min Scan# 1003

Delta R.T. 0.007 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

Tgt Ion:107 Resp: 176415

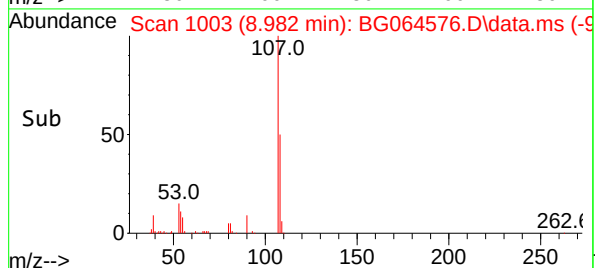
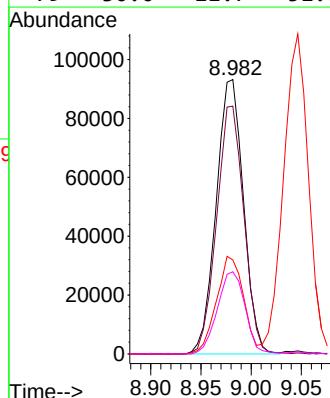
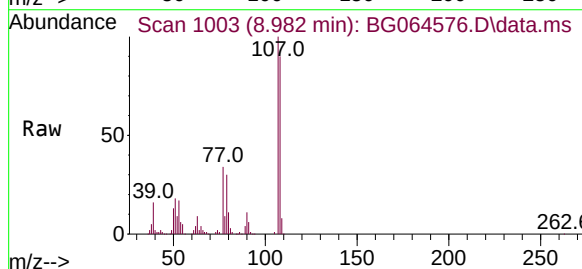
Ion Ratio Lower Upper

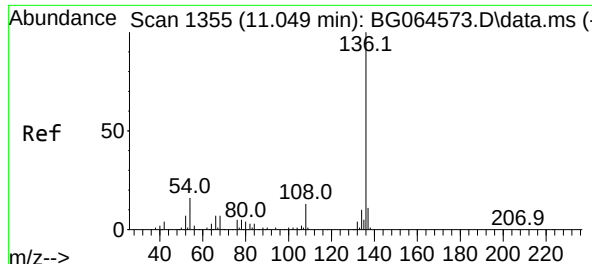
107 100

108 90.4 70.3 110.3

77 34.2 14.6 54.6

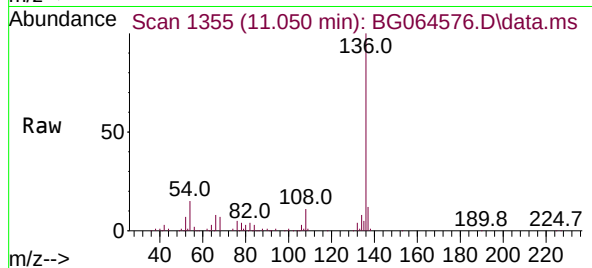
79 30.0 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.050 min Scan# 1355
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

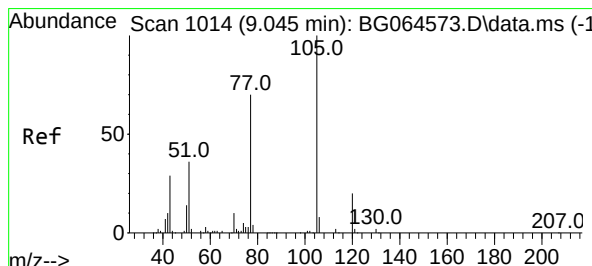
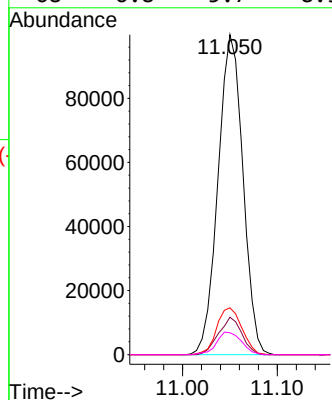
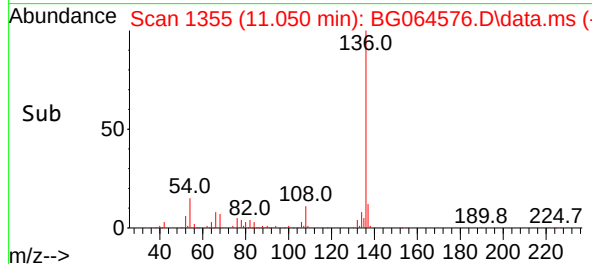
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:136 Resp: 182273
Ion Ratio Lower Upper
136 100
137 11.7 9.2 13.8
54 14.6 12.6 19.0
68 6.8 5.7 8.5

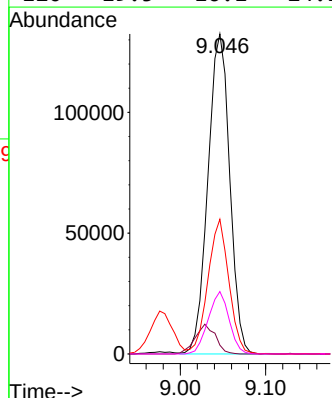
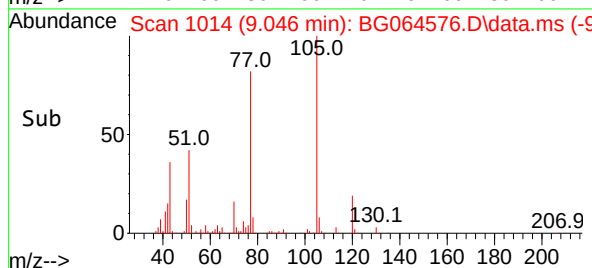
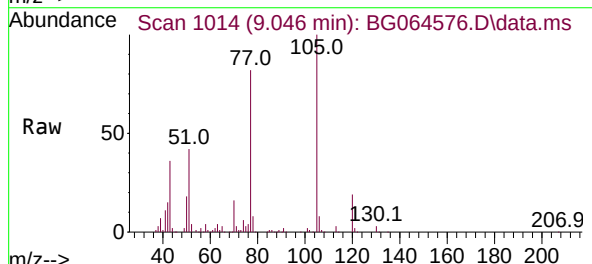
Manual Integrations
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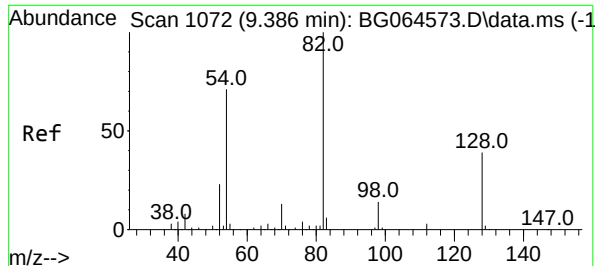
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#22
Acetophenone
Concen: 47.155 ng
RT: 9.046 min Scan# 1014
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:105 Resp: 234956
Ion Ratio Lower Upper
105 100
71 2.8 1.5 2.3#
51 42.1 33.7 50.5
120 19.5 16.1 24.1





#23

Nitrobenzene-d5

Concen: 106.847 ng

RT: 9.387 min Scan# 1072

Delta R.T. 0.001 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 324249

Ion Ratio Lower Upper

82 100

128 37.9 31.3 46.9

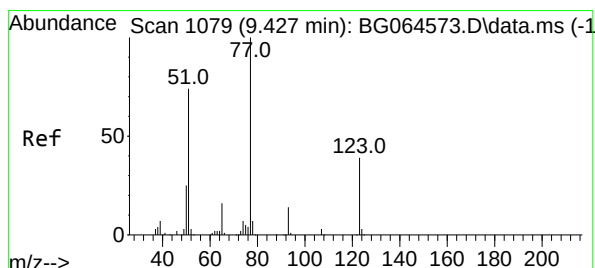
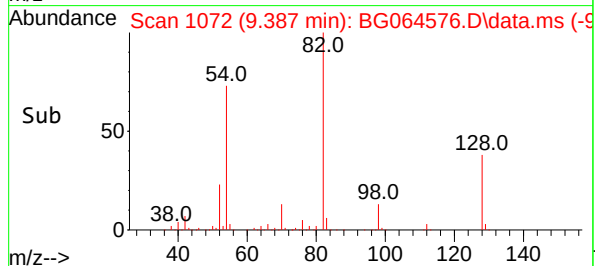
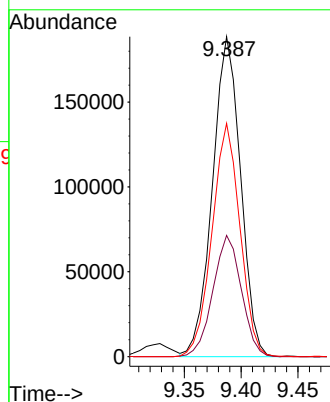
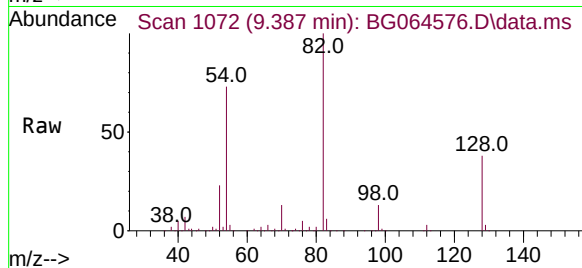
54 72.9 56.6 84.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#24

Nitrobenzene

Concen: 52.060 ng

RT: 9.428 min Scan# 1079

Delta R.T. 0.001 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

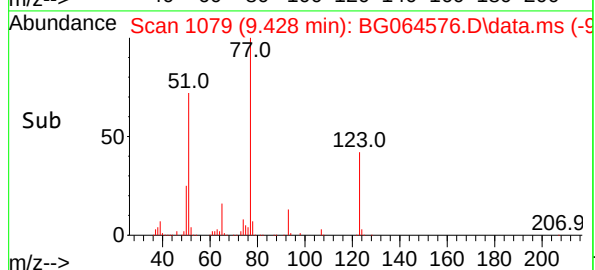
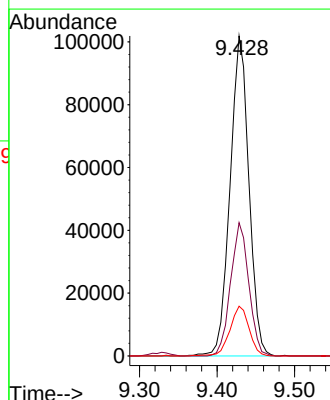
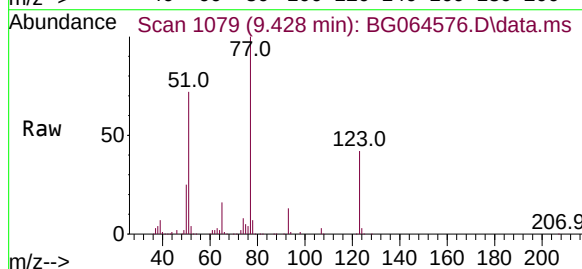
Tgt Ion: 77 Resp: 171837

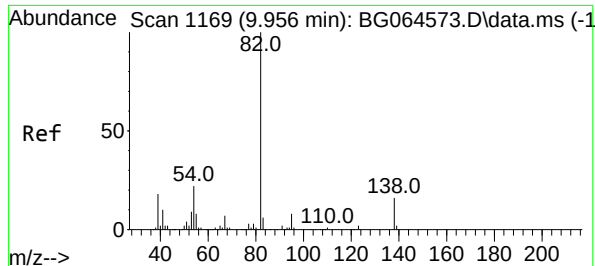
Ion Ratio Lower Upper

77 100

123 41.6 31.0 46.6

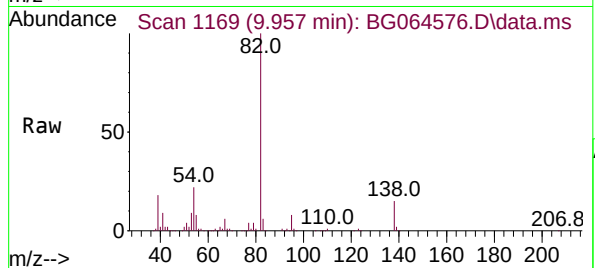
65 15.5 12.7 19.1





#25
Isophorone
Concen: 47.813 ng
RT: 9.957 min Scan# 1169
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

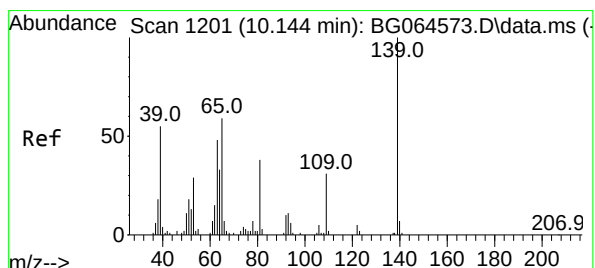
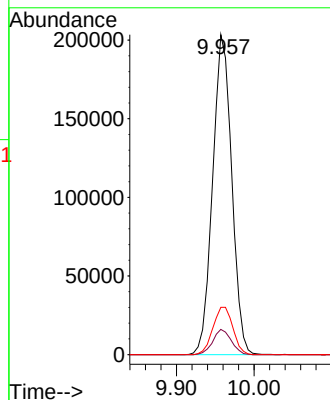
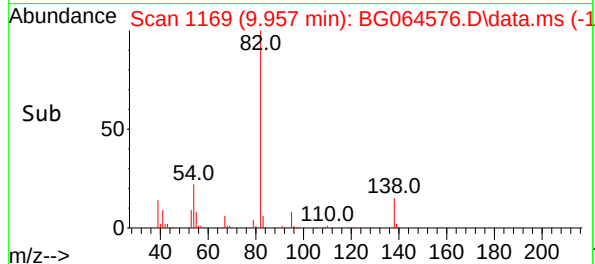
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



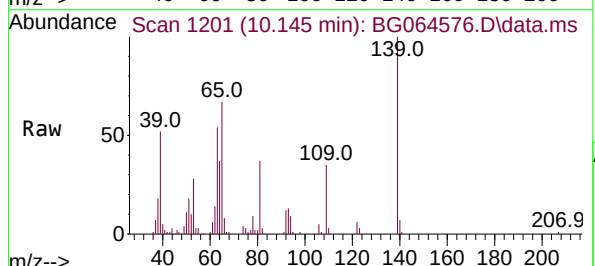
Tgt Ion: 82 Resp: 348174
Ion Ratio Lower Upper
82 100
95 7.9 6.1 9.1
138 14.8 13.0 19.4

Manual Integrations
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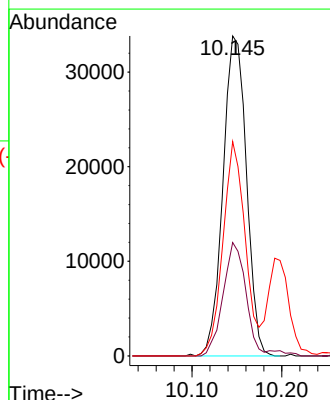
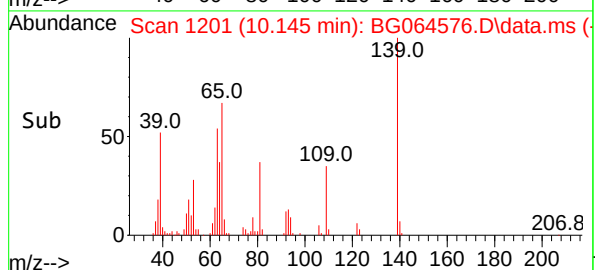
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

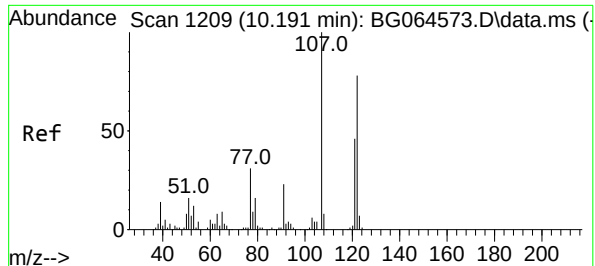


#26
2-Nitrophenol
Concen: 48.353 ng
RT: 10.145 min Scan# 1201
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



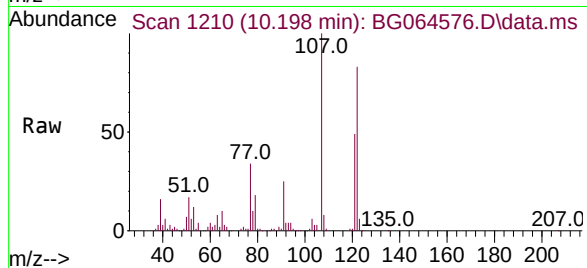
Tgt Ion:139 Resp: 61611
Ion Ratio Lower Upper
139 100
109 35.4 24.6 37.0
65 67.0 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 49.988 ng
RT: 10.198 min Scan# 1209
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

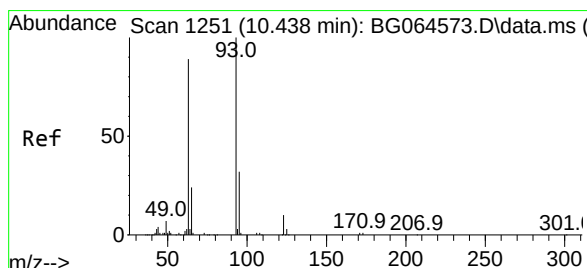
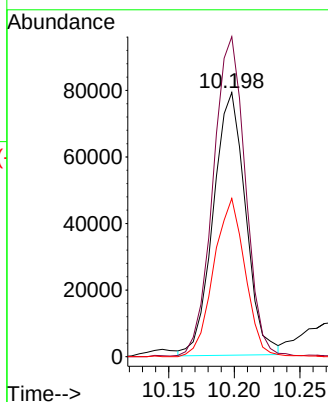
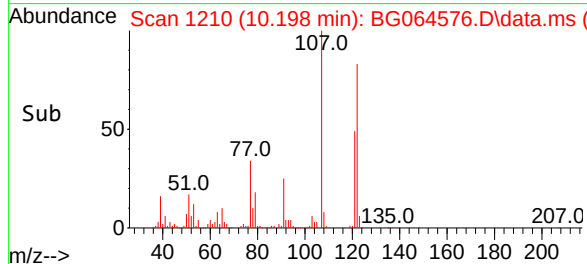
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:122 Resp: 135402
Ion Ratio Lower Upper
122 100
107 121.2 103.0 154.4
121 59.9 47.8 71.8

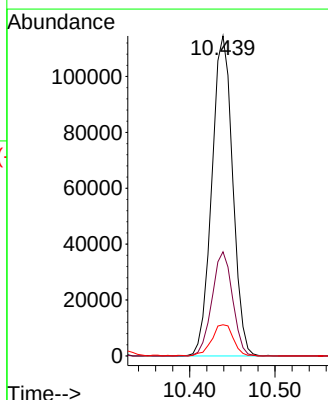
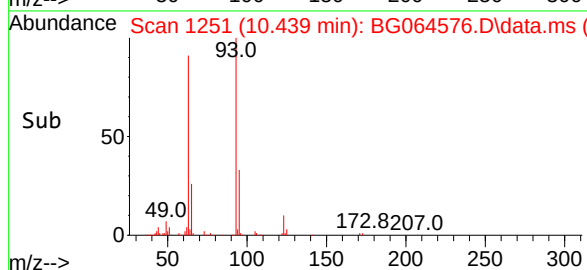
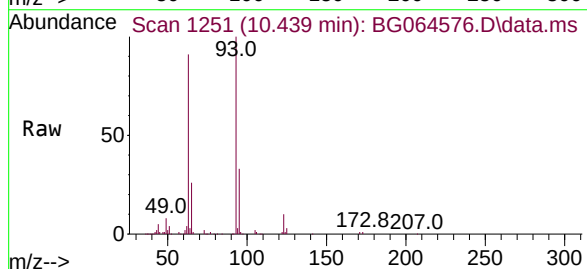
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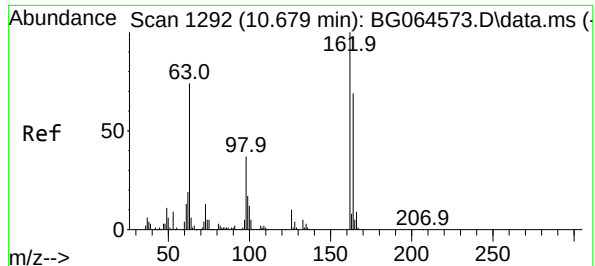
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#28
bis(2-Chloroethoxy)methane
Concen: 46.800 ng
RT: 10.439 min Scan# 1251
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

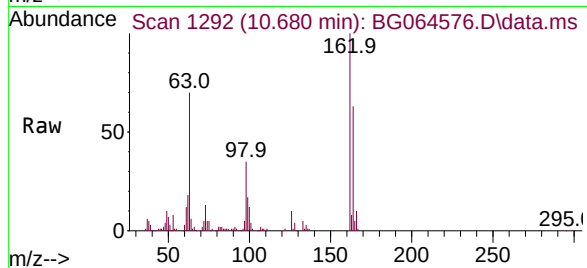
Tgt Ion: 93 Resp: 194038
Ion Ratio Lower Upper
93 100
95 32.5 25.4 38.2
123 9.7 8.4 12.6





#29
2,4-Dichlorophenol
Concen: 51.062 ng
RT: 10.680 min Scan# 1292
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

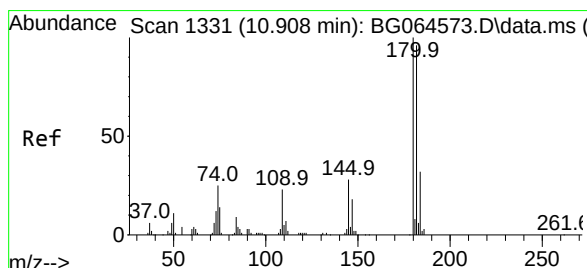
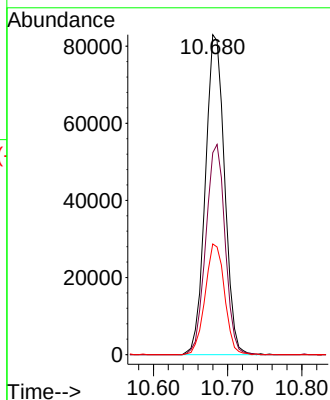
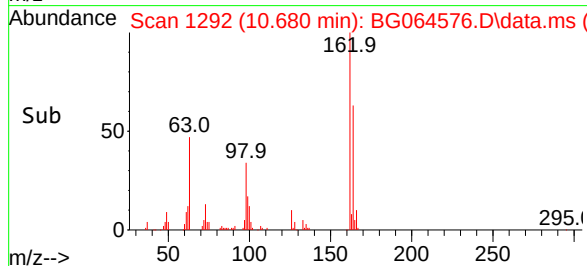
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



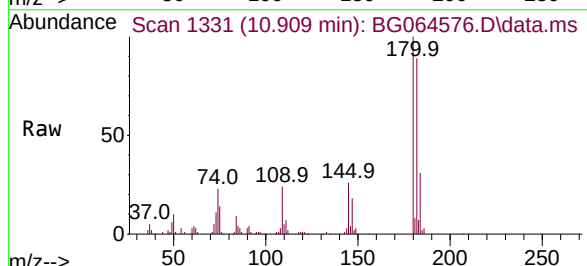
Tgt Ion:162 Resp: 148850
Ion Ratio Lower Upper
162 100
164 63.1 48.7 88.7
98 34.6 16.9 56.9

Manual Integrations
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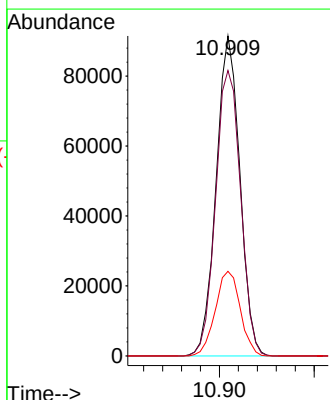
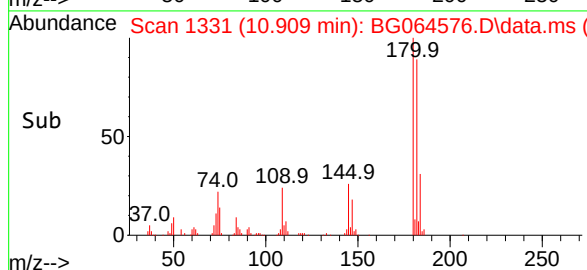
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

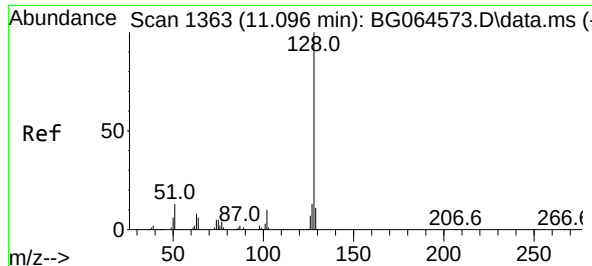


#30
1,2,4-Trichlorobenzene
Concen: 48.068 ng
RT: 10.909 min Scan# 1331
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



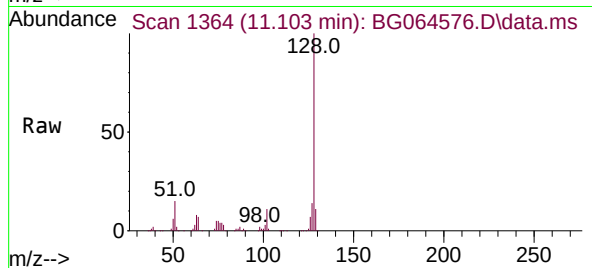
Tgt Ion:180 Resp: 159207
Ion Ratio Lower Upper
180 100
182 89.2 76.9 115.3
145 26.4 22.1 33.1





#31
Naphthalene
Concen: 46.695 ng
RT: 11.103 min Scan# 1363
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

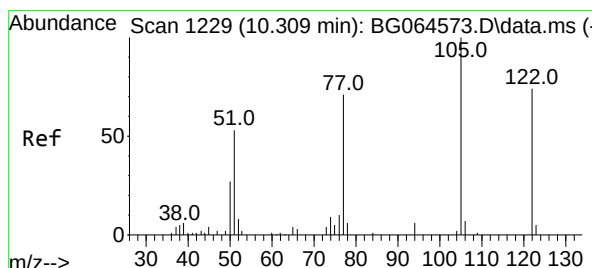
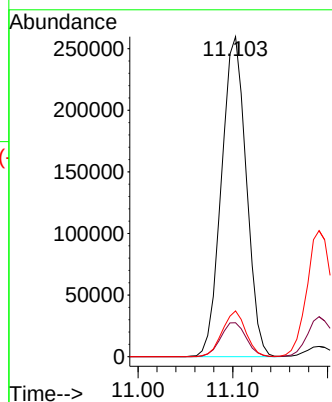
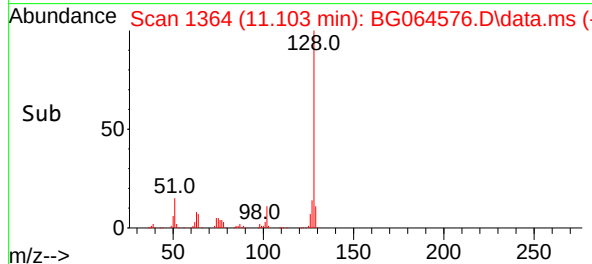
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:128 Resp: 47189
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 14.3 10.6 15.8

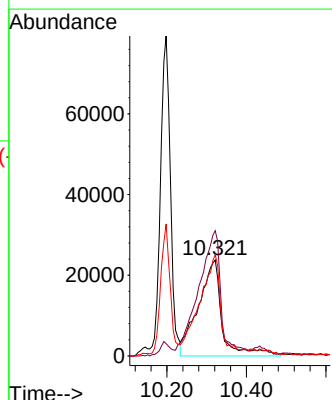
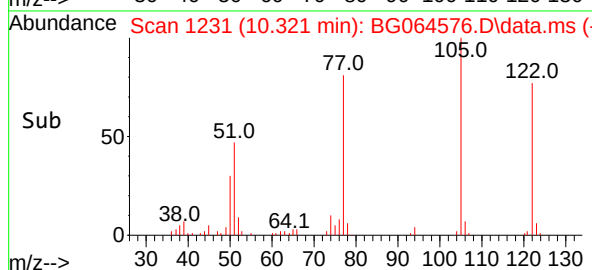
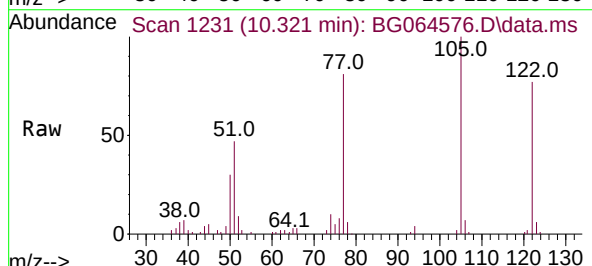
Manual Integrations
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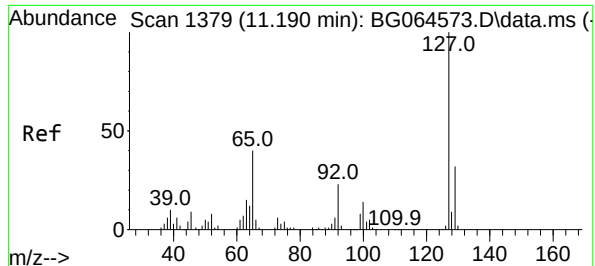
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#32
Benzoic acid
Concen: 47.410 ng m
RT: 10.321 min Scan# 1231
Delta R.T. 0.012 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:122 Resp: 97970
Ion Ratio Lower Upper
122 100
105 130.6 104.2 144.2
77 105.4 70.2 110.2





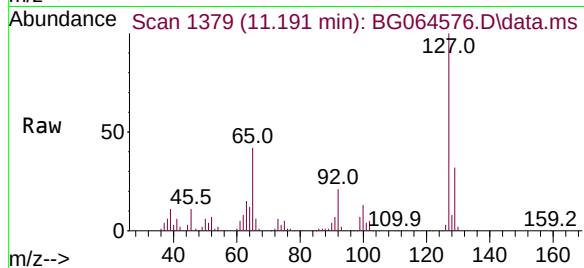
#33
4-Chloroaniline
Concen: 47.560 ng
RT: 11.191 min Scan# 1379
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

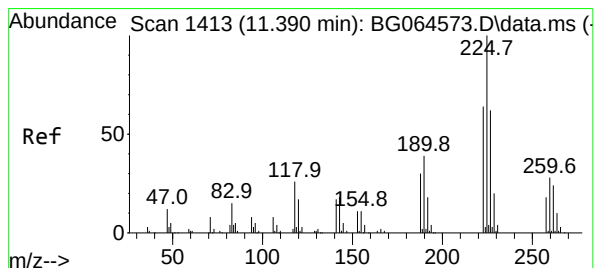
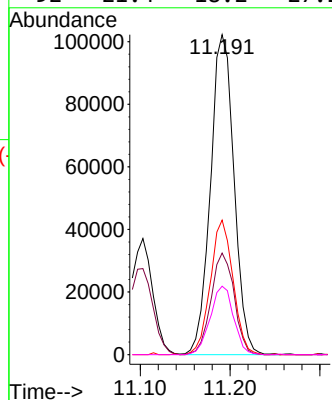
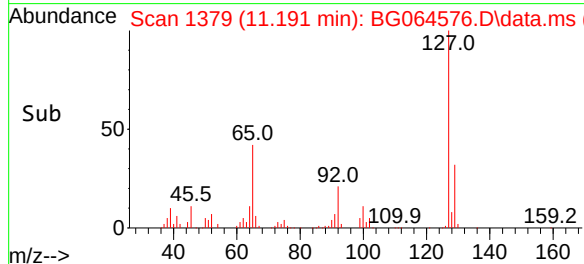


Tgt Ion:127 Resp: 186814
Ion Ratio Lower Upper
127 100
129 31.7 25.5 38.3
65 42.0 32.2 48.4
92 21.4 18.2 27.2

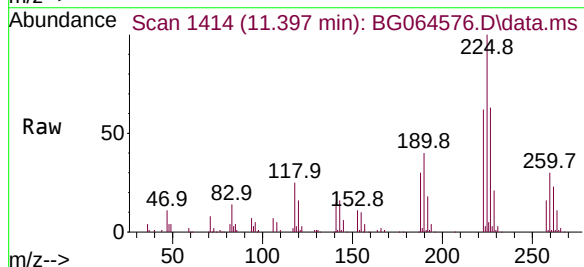
Manual Integrations

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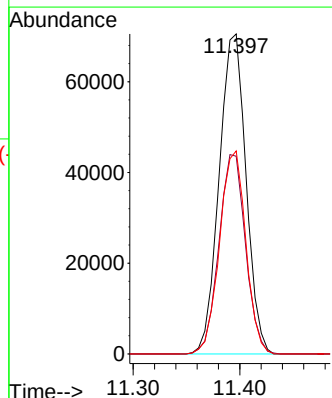
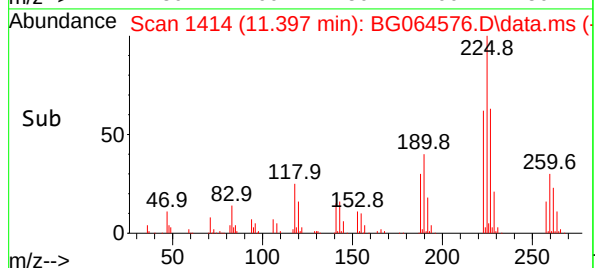
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

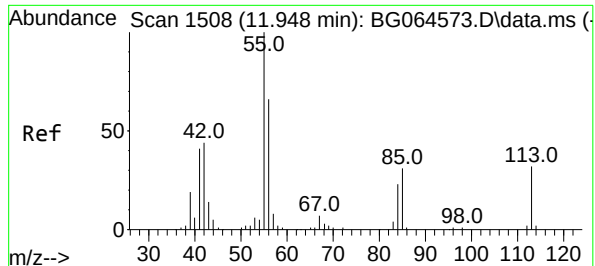


#34
Hexachlorobutadiene
Concen: 47.716 ng
RT: 11.397 min Scan# 1414
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



Tgt Ion:225 Resp: 123596
Ion Ratio Lower Upper
225 100
223 59.0 48.8 73.2
227 63.1 49.5 74.3





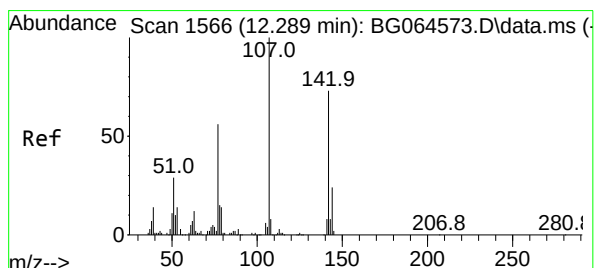
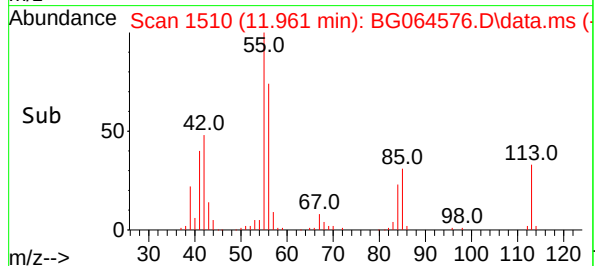
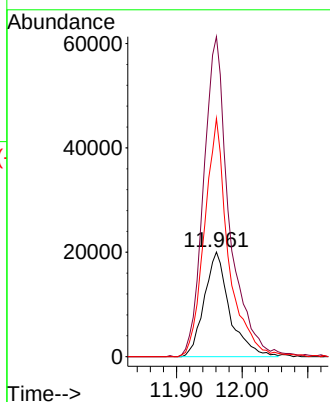
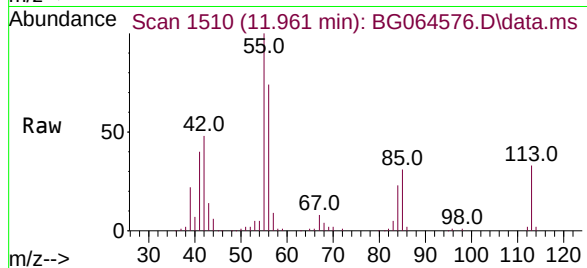
#35
 Caprolactam
 Concen: 48.020 ng
 RT: 11.961 min Scan# 1510
 Delta R.T. 0.013 min
 Lab File: BG064576.D
 Acq: 24 Oct 2025 15:32

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Tgt Ion:113 Resp: 53689
 Ion Ratio Lower Upper
 113 100
 55 305.8 290.1 330.1
 56 227.6 183.8 223.8

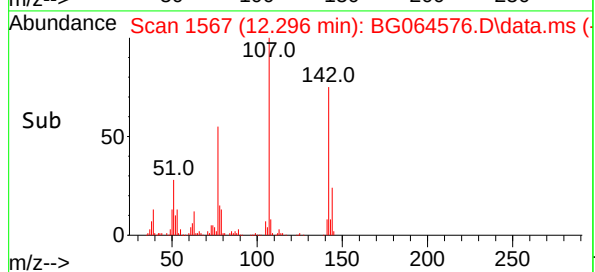
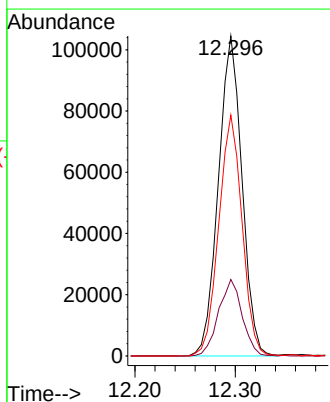
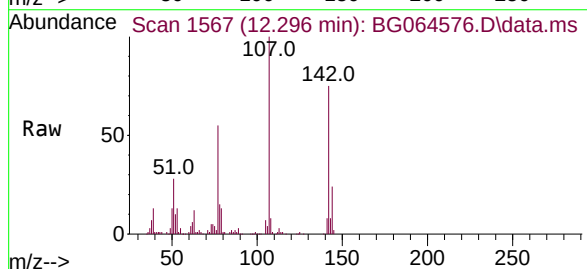
Manual Integrations
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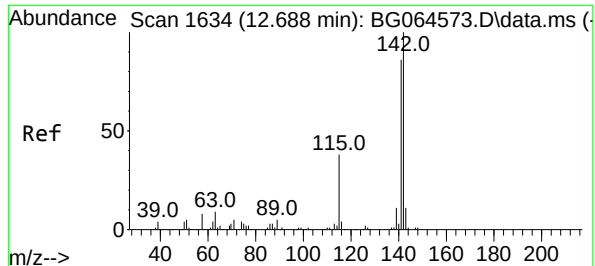
Reviewed By :Rahul Chavli 10/27/2025
 Supervised By :mohammad ahmed 11/05/2025



#36
 4-Chloro-3-methylphenol
 Concen: 48.836 ng
 RT: 12.296 min Scan# 1567
 Delta R.T. 0.007 min
 Lab File: BG064576.D
 Acq: 24 Oct 2025 15:32

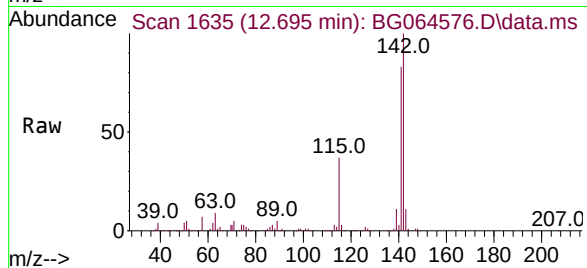
Tgt Ion:107 Resp: 171120
 Ion Ratio Lower Upper
 107 100
 144 23.9 19.1 28.7
 142 75.2 58.6 87.8





#37
2-Methylnaphthalene
Concen: 47.435 ng
RT: 12.695 min Scan# 1635
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

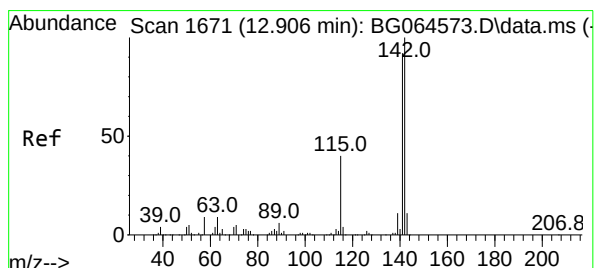
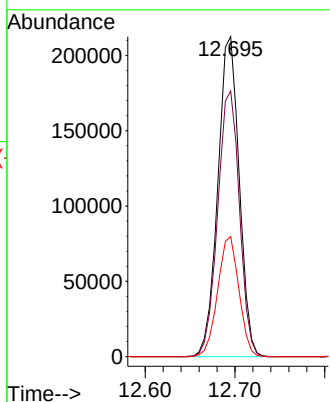
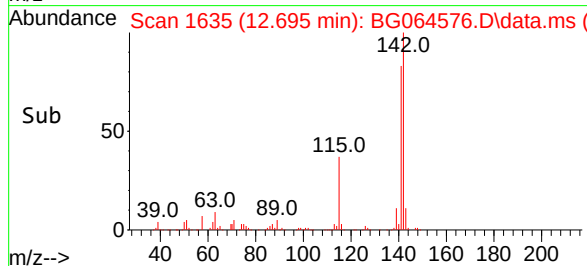
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



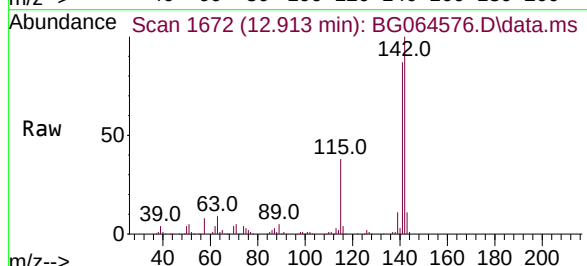
Tgt Ion:142 Resp: 351946
Ion Ratio Lower Upper
142 100
141 83.0 68.9 103.3
115 37.5 30.6 46.0

Manual Integrations
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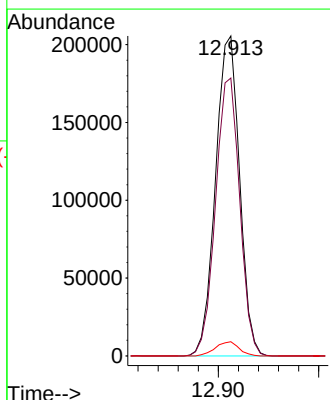
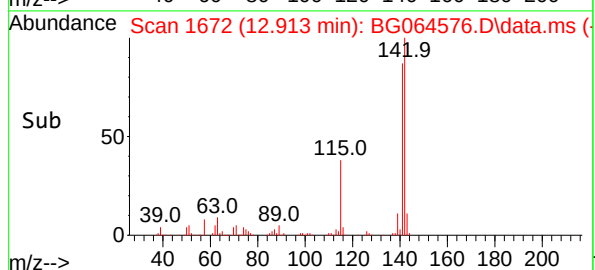
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

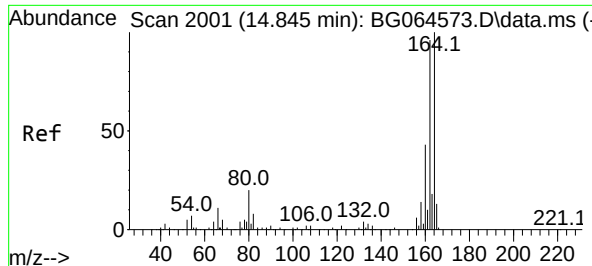


#38
1-Methylnaphthalene
Concen: 46.666 ng
RT: 12.913 min Scan# 1672
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



Tgt Ion:142 Resp: 342687
Ion Ratio Lower Upper
142 100
141 86.8 73.3 109.9
116 4.4 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.846 min Scan# 2001

Delta R.T. 0.001 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:164 Resp: 142032

Ion Ratio Lower Upper

164 100

162 101.1 77.0 115.6

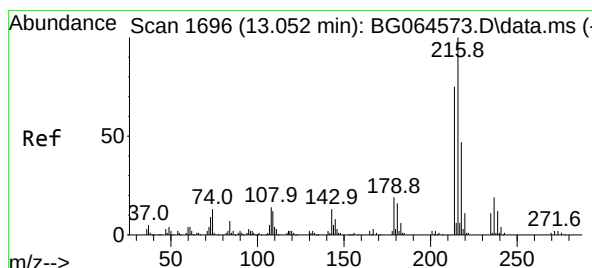
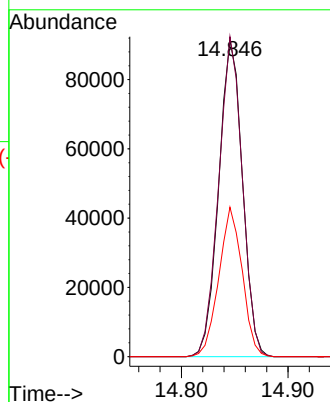
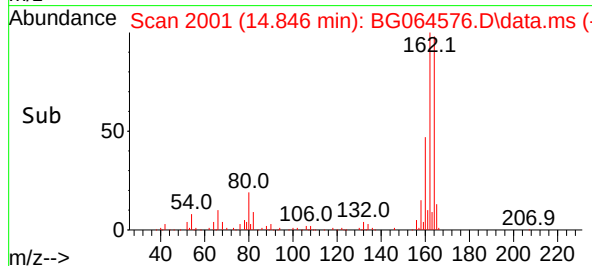
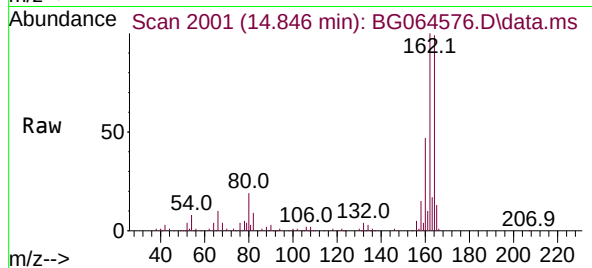
160 47.2 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.131 ng

RT: 13.054 min Scan# 1696

Delta R.T. 0.001 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

Tgt Ion:216 Resp: 224658

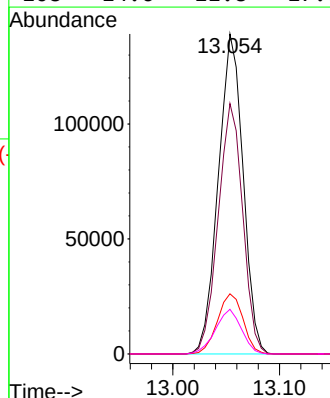
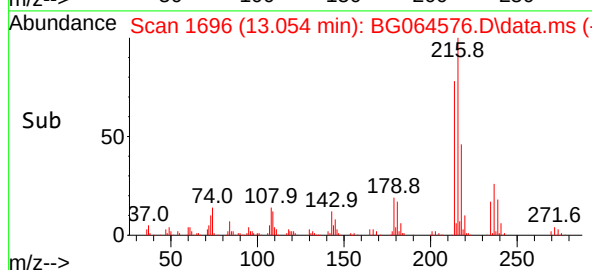
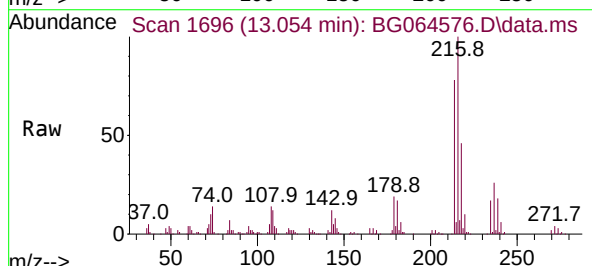
Ion Ratio Lower Upper

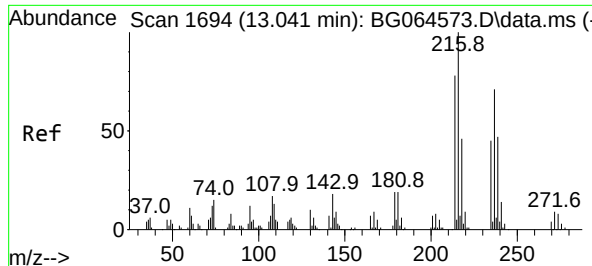
216 100

214 77.5 61.4 92.2

179 19.4 15.4 23.0

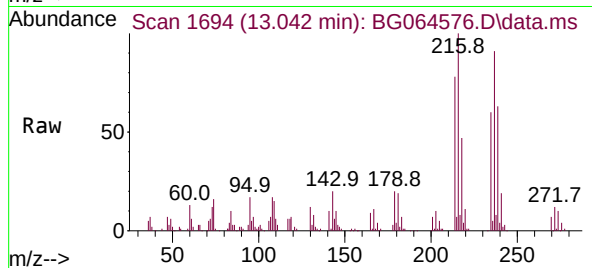
108 14.6 11.8 17.6





#41
Hexachlorocyclopentadiene
Concen: 49.131 ng
RT: 13.042 min Scan# 1694
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

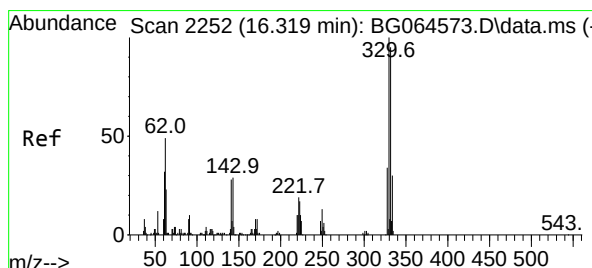
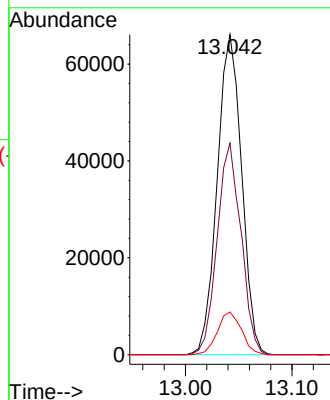
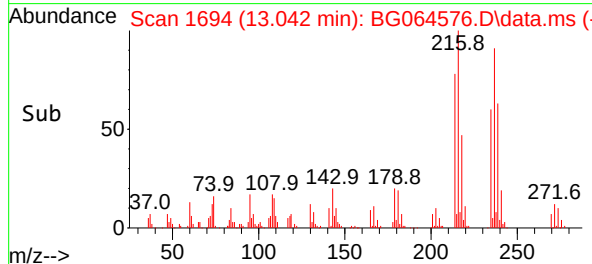
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



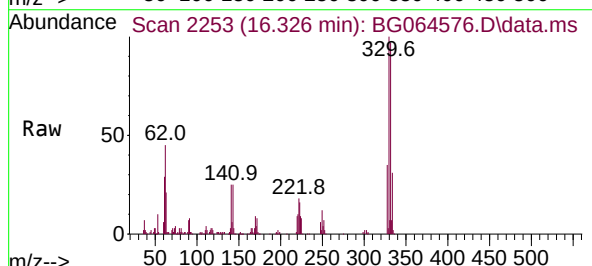
Tgt Ion:237 Resp: 105411
Ion Ratio Lower Upper
237 100
235 66.1 44.1 84.1
272 13.3 0.0 32.4

Manual Integrations
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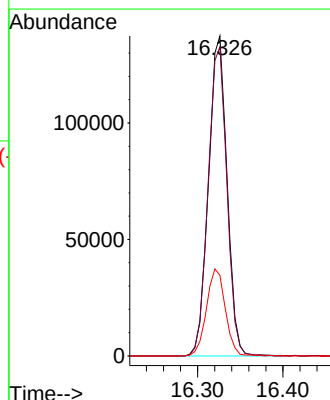
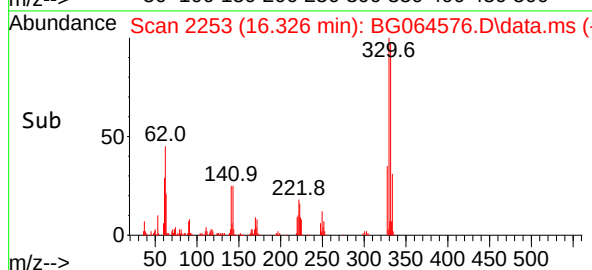
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

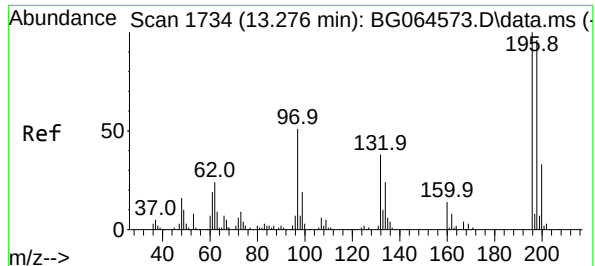


#42
2,4,6-Tribromophenol
Concen: 101.122 ng
RT: 16.326 min Scan# 2253
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



Tgt Ion:330 Resp: 207294
Ion Ratio Lower Upper
330 100
332 97.5 78.0 117.0
141 27.6 21.8 32.6





#43

2,4,6-Trichlorophenol

Concen: 51.898 ng

RT: 13.283 min Scan# 1735

Delta R.T. 0.007 min

Lab File: BG064576.D

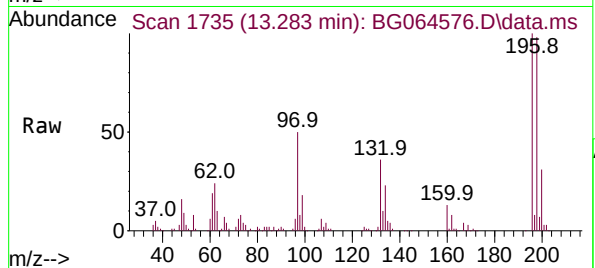
Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050



Tgt Ion:196 Resp: 141505

Ion Ratio Lower Upper

196 100

198 98.3 76.6 115.0

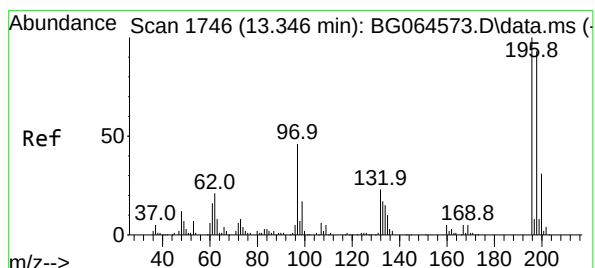
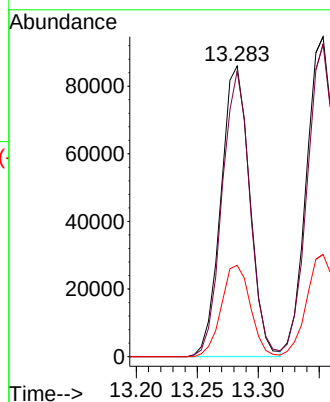
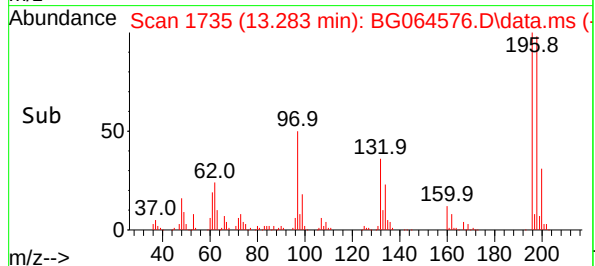
200 31.4 26.0 39.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#44

2,4,5-Trichlorophenol

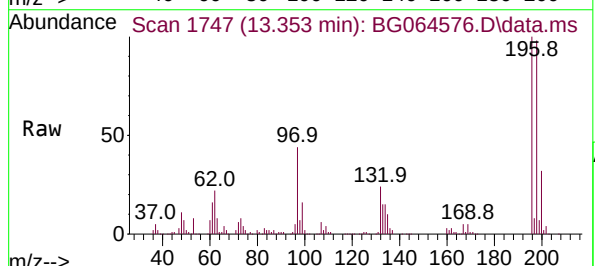
Concen: 49.997 ng

RT: 13.353 min Scan# 1747

Delta R.T. 0.007 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32



Tgt Ion:196 Resp: 157315

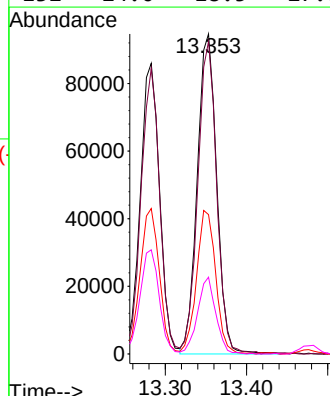
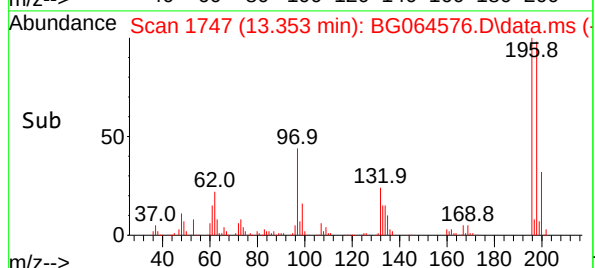
Ion Ratio Lower Upper

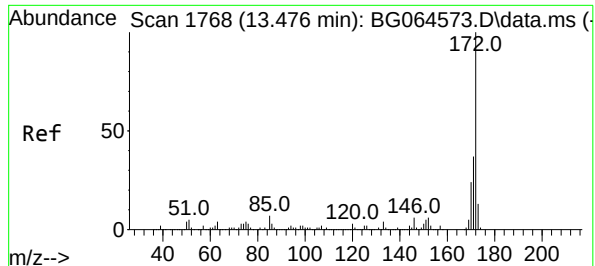
196 100

198 97.6 74.2 111.4

97 43.5 37.0 55.6

132 24.0 18.5 27.7





#45

2-Fluorobiphenyl

Concen: 93.626 ng

RT: 13.477 min Scan# 1768

Delta R.T. 0.001 min

Lab File: BG064576.D

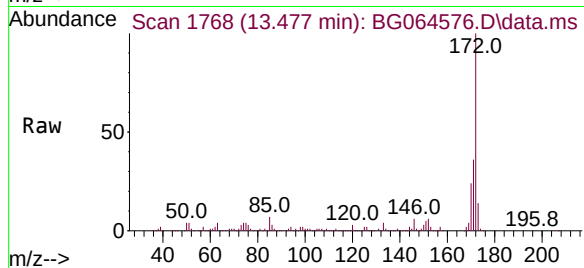
Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050



Tgt Ion:172 Resp: 877315

Ion Ratio Lower Upper

172 100

171 36.1 29.4 44.0

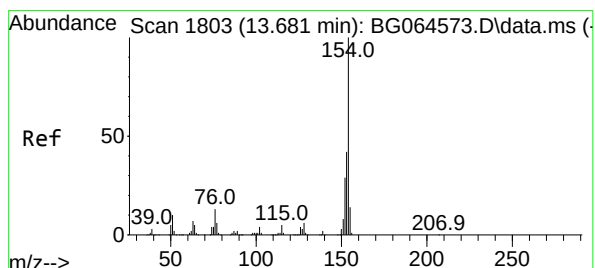
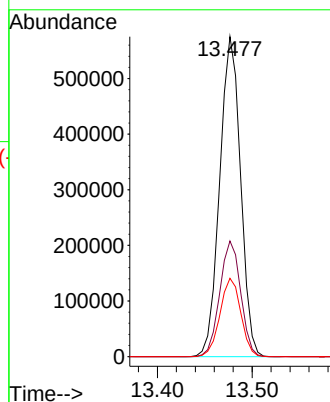
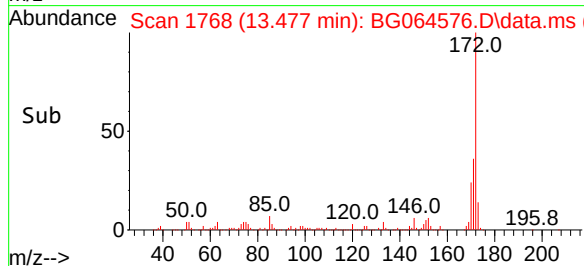
170 24.5 19.1 28.7

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#46

1,1'-Biphenyl

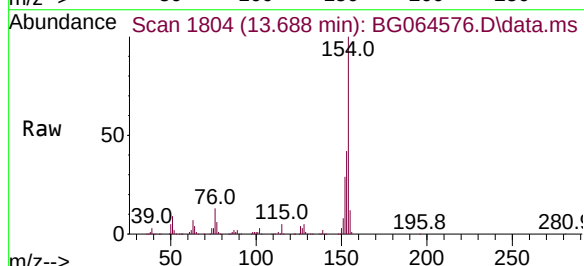
Concen: 46.613 ng

RT: 13.688 min Scan# 1804

Delta R.T. 0.007 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32



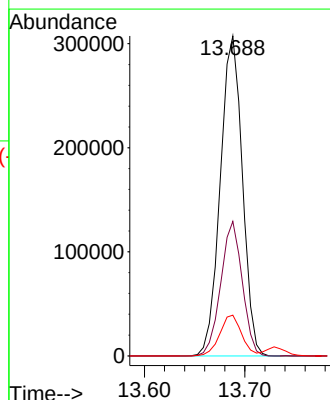
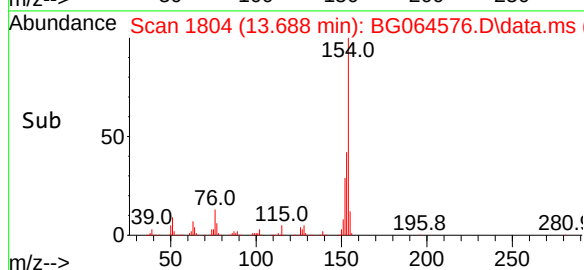
Tgt Ion:154 Resp: 470676

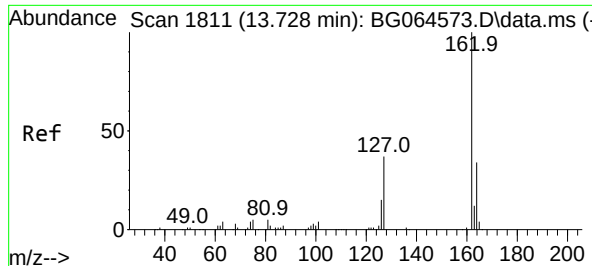
Ion Ratio Lower Upper

154 100

153 42.0 22.4 62.4

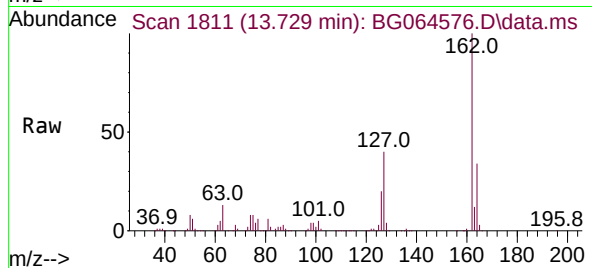
76 12.8 0.0 33.5





#47
2-Chloronaphthalene
Concen: 47.208 ng
RT: 13.729 min Scan# 1811
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

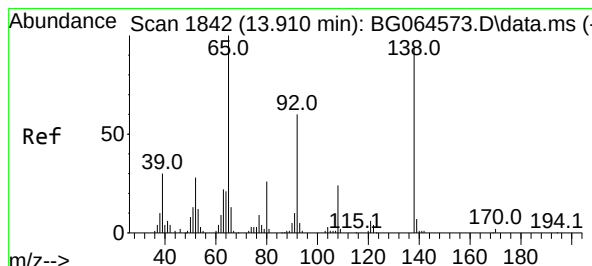
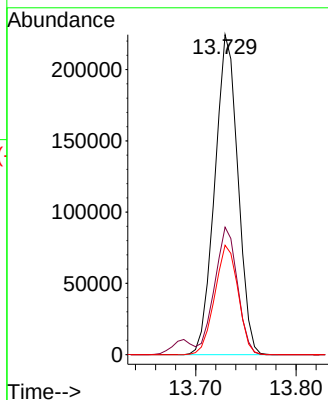
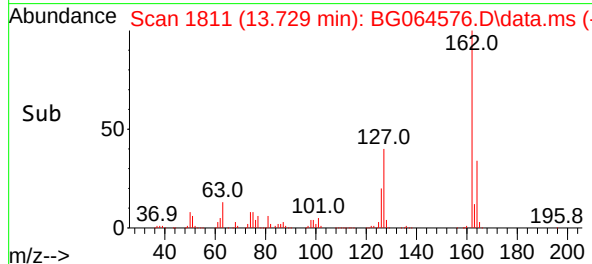
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



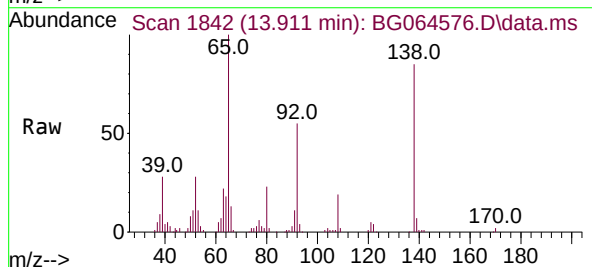
Tgt Ion:162 Resp: 359811
Ion Ratio Lower Upper
162 100
127 39.8 32.2 48.2
164 34.2 27.5 41.3

Manual Integrations
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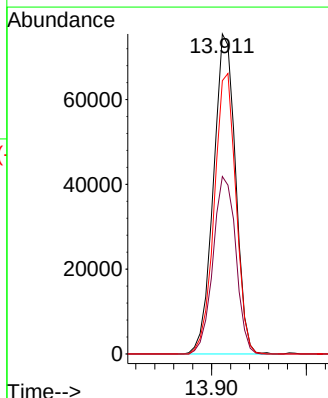
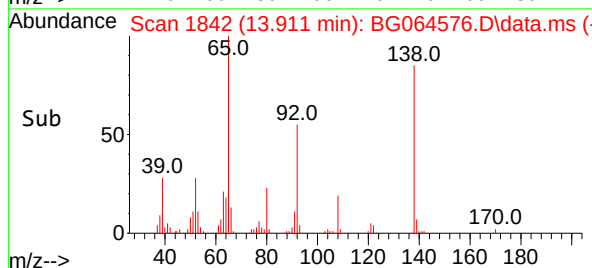
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

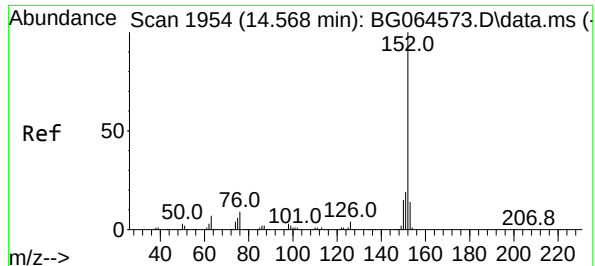


#48
2-Nitroaniline
Concen: 47.668 ng
RT: 13.911 min Scan# 1842
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



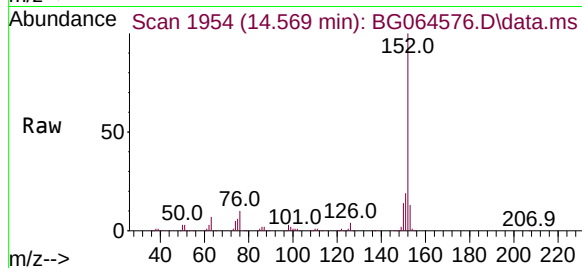
Tgt Ion: 65 Resp: 121908
Ion Ratio Lower Upper
65 100
92 55.4 48.3 72.5
138 85.4 74.9 112.3





#49
Acenaphthylene
Concen: 47.060 ng
RT: 14.569 min Scan# 1954
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

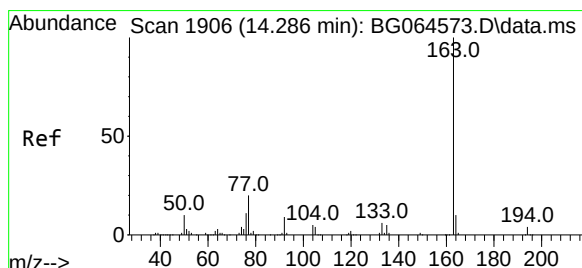
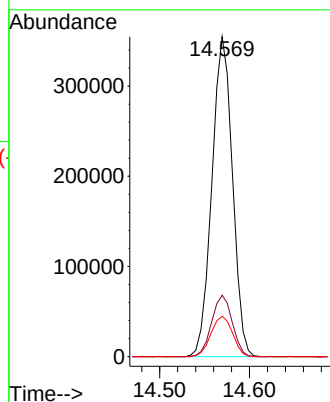
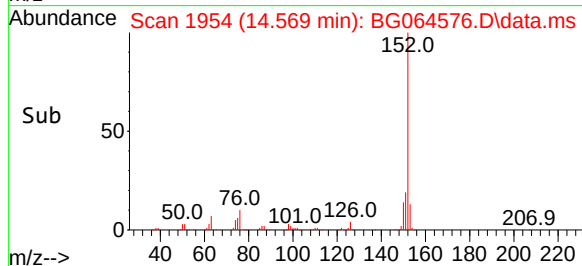
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



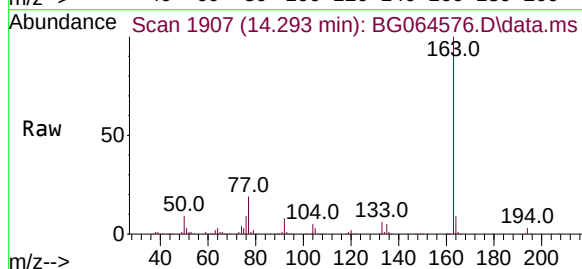
Tgt Ion:152 Resp: 56577
Ion Ratio Lower Upper
152 100
151 19.2 15.4 23.2
153 12.6 11.0 16.4

Manual Integrations
APPROVED

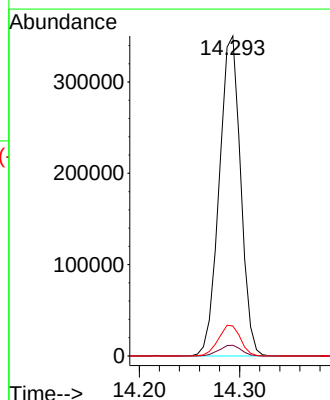
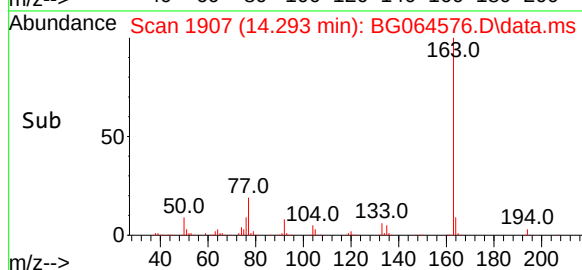
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

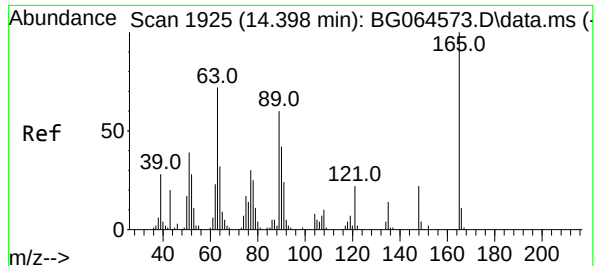


#50
Dimethylphthalate
Concen: 47.781 ng
RT: 14.293 min Scan# 1907
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



Tgt Ion:163 Resp: 519303
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 9.3 7.7 11.5





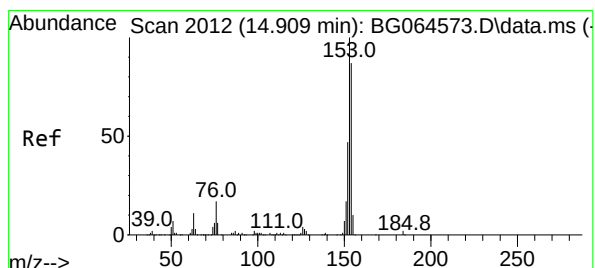
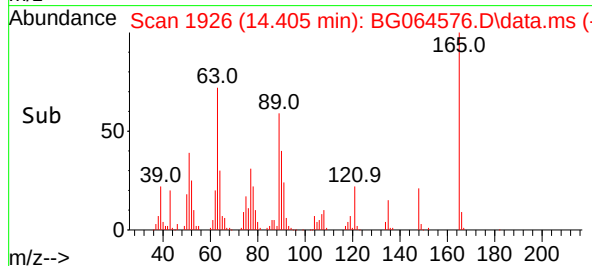
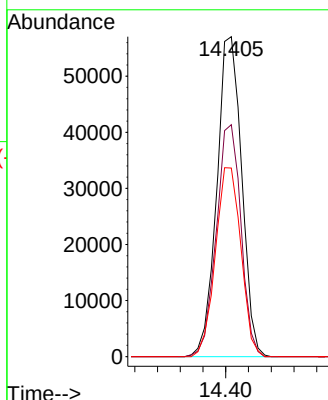
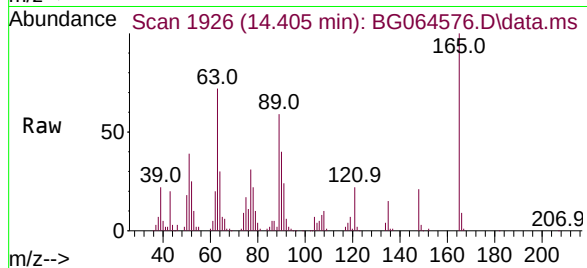
#51
2,6-Dinitrotoluene
Concen: 48.306 ng
RT: 14.405 min Scan# 1925
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion	Ratio	Lower	Upper
165	100		
63	72.5	57.4	86.0
89	58.9	47.8	71.8

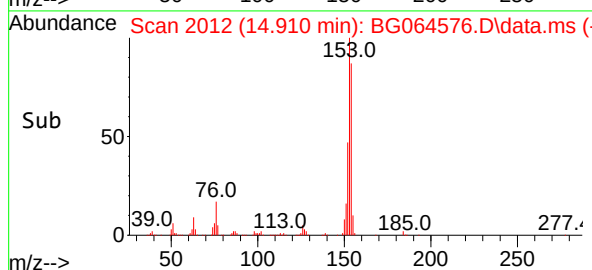
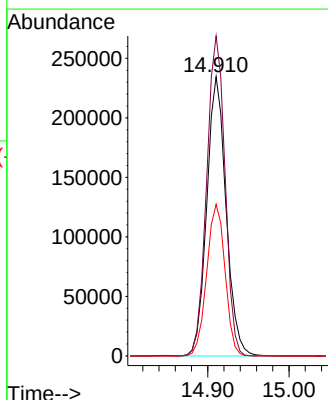
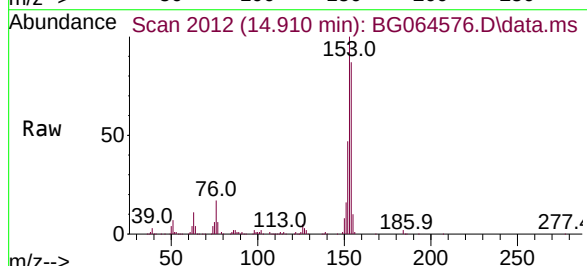
Manual Integrations
APPROVED

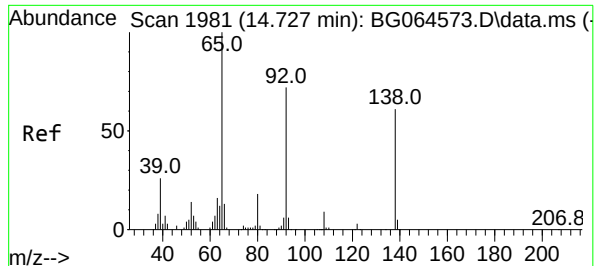
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#52
Acenaphthene
Concen: 47.239 ng
RT: 14.910 min Scan# 2012
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

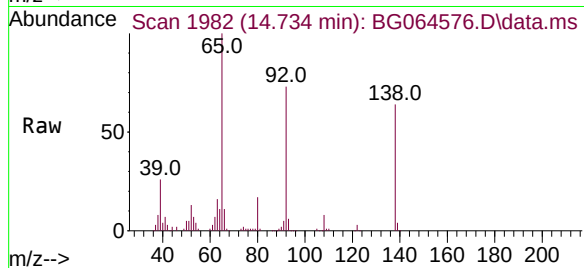
Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.6	92.2	138.4
152	54.3	43.2	64.8





#53
3-Nitroaniline
Concen: 53.405 ng
RT: 14.734 min Scan# 1981
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

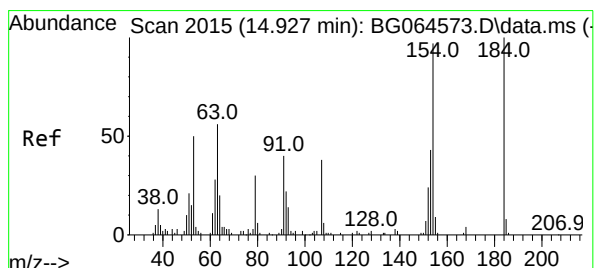
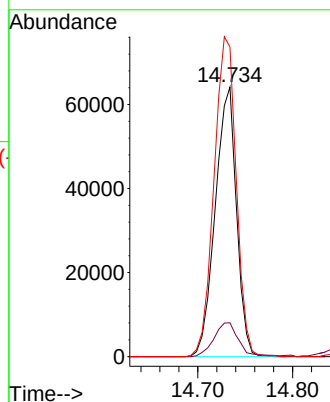
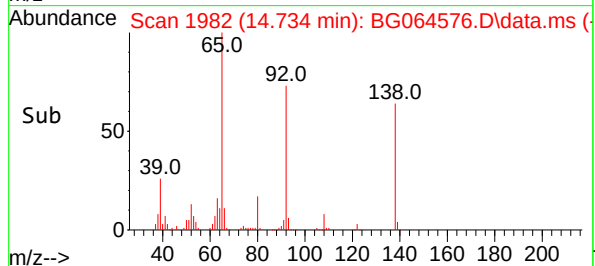
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:138 Resp: 99748
Ion Ratio Lower Upper
138 100
108 12.6 11.4 17.0
92 114.8 95.3 142.9

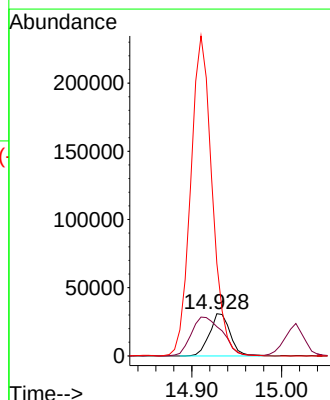
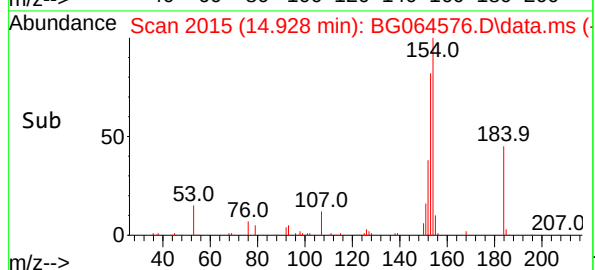
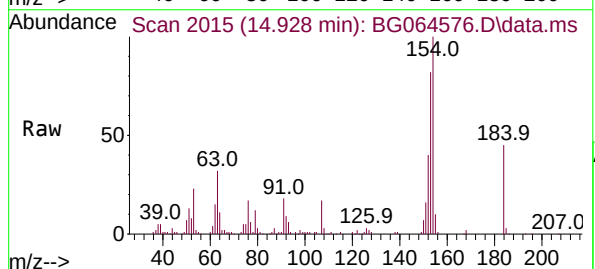
Manual Integrations
APPROVED

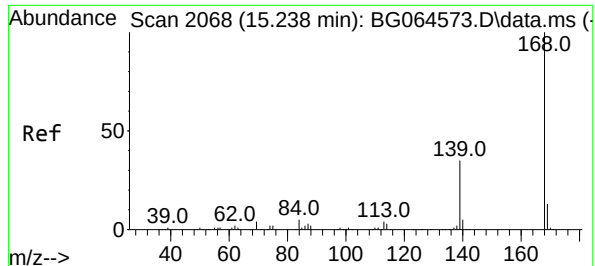
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#54
2,4-Dinitrophenol
Concen: 47.268 ng
RT: 14.928 min Scan# 2015
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

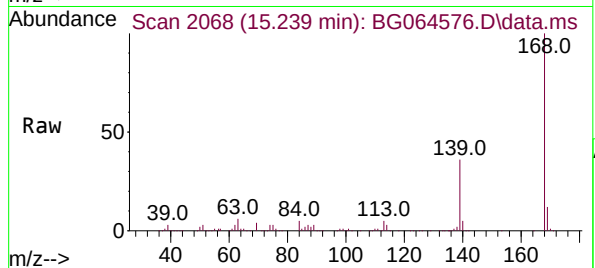
Tgt Ion:184 Resp: 49318
Ion Ratio Lower Upper
184 100
63 69.5 56.6 85.0
154 219.8 158.6 238.0





#55
Dibenzenofuran
Concen: 46.355 ng
RT: 15.239 min Scan# 2068
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

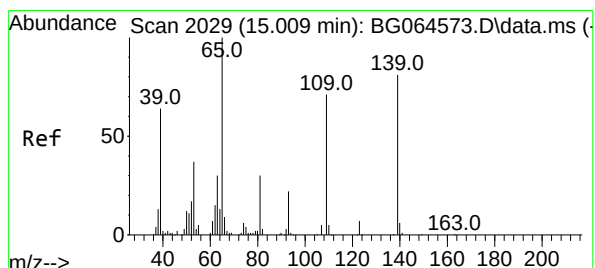
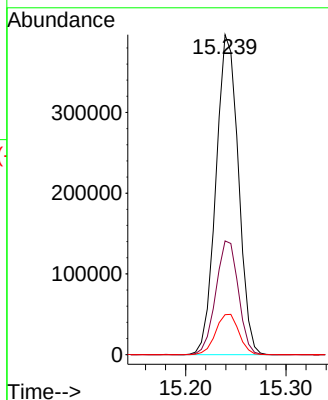
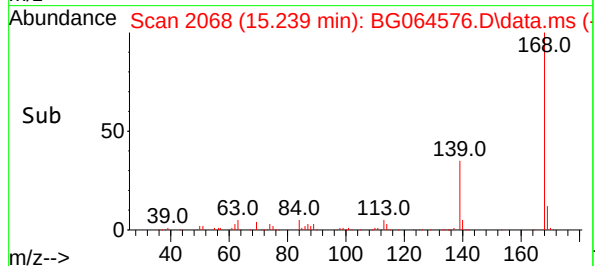
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



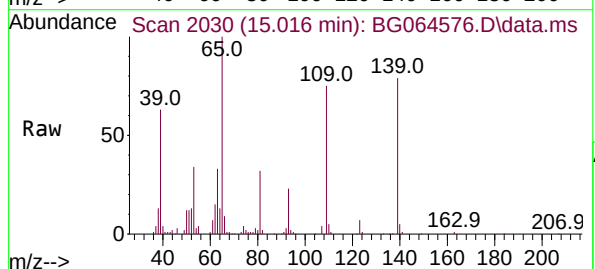
Tgt Ion:168 Resp: 61555
Ion Ratio Lower Upper
168 100
139 35.5 27.8 41.8
169 12.5 10.3 15.5

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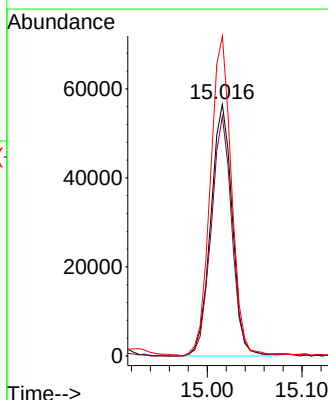
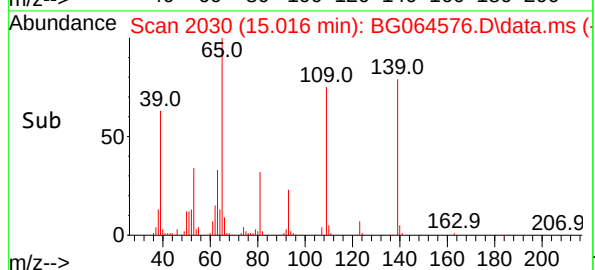
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

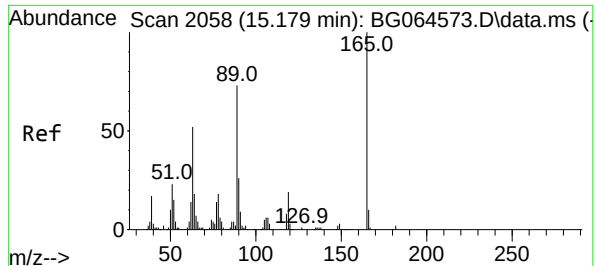


#56
4-Nitrophenol
Concen: 51.169 ng
RT: 15.016 min Scan# 2030
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



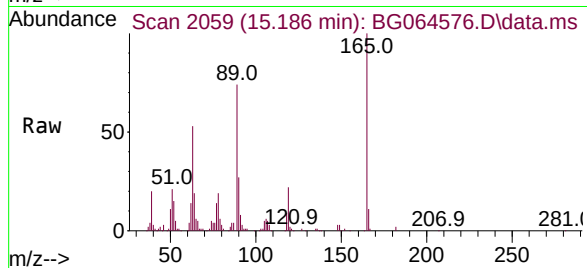
Tgt Ion:139 Resp: 88609
Ion Ratio Lower Upper
139 100
109 95.2 67.8 107.8
65 127.2 103.7 143.7





#57
2,4-Dinitrotoluene
Concen: 47.759 ng
RT: 15.186 min Scan# 2058
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

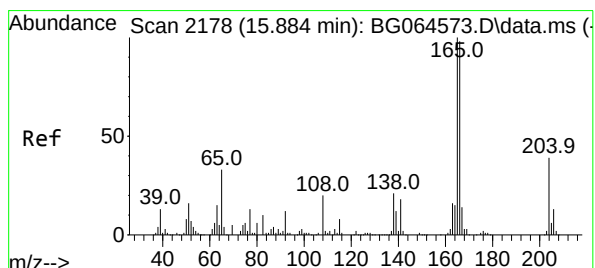
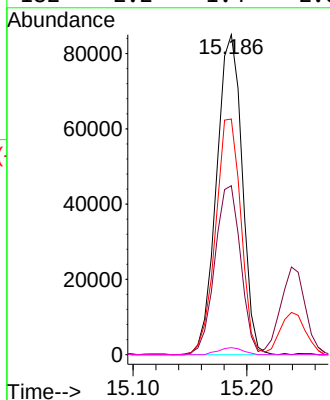
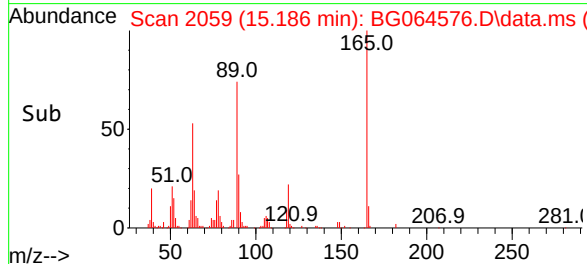
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



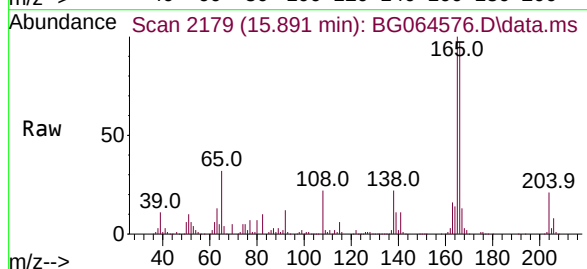
Tgt Ion:165 Resp: 132374
Ion Ratio Lower Upper
165 100
63 52.8 41.8 62.8
89 73.6 58.1 87.1
182 2.2 1.4 2.0#

Manual Integrations
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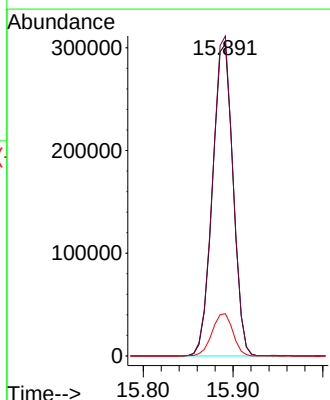
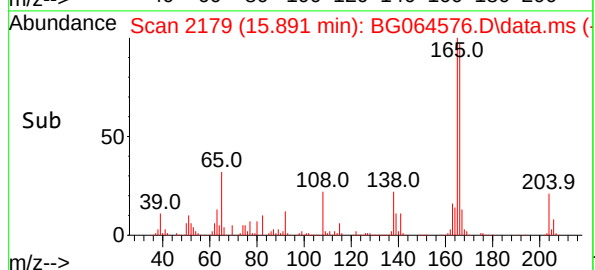
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

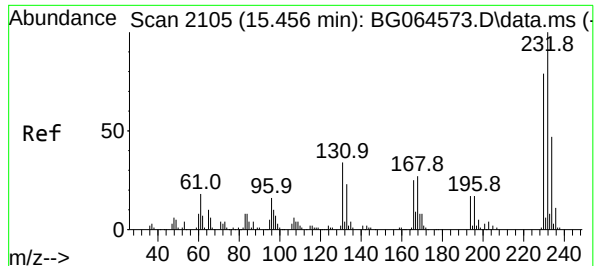


#58
Fluorene
Concen: 46.441 ng
RT: 15.891 min Scan# 2179
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



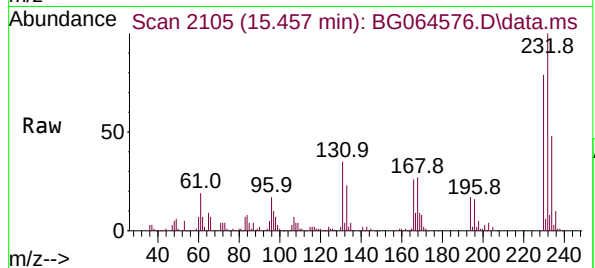
Tgt Ion:166 Resp: 481625
Ion Ratio Lower Upper
166 100
165 102.6 81.5 122.3
167 13.5 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.440 ng
RT: 15.457 min Scan# 2105
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

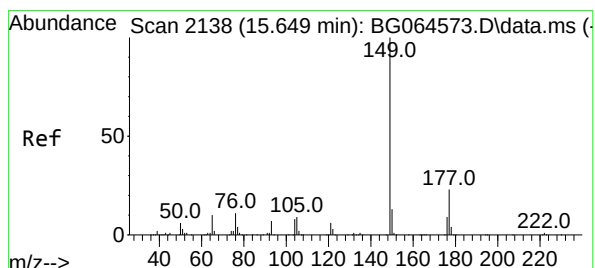
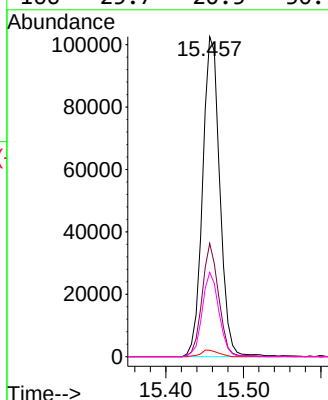
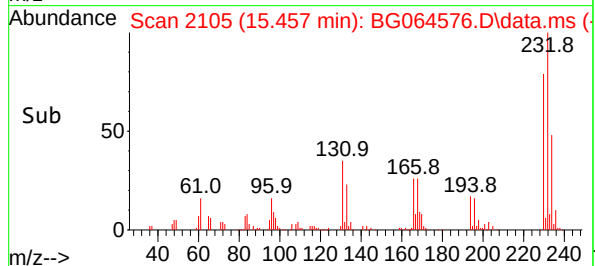
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:232 Resp: 157783
Ion Ratio Lower Upper
232 100
131 33.9 26.7 40.1
130 2.1 1.6 2.4
166 25.7 20.5 30.7

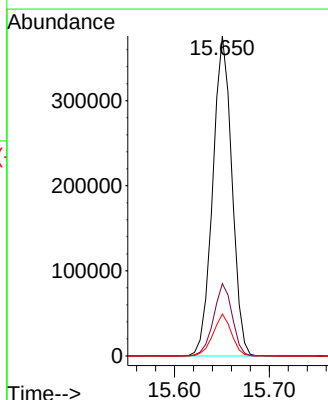
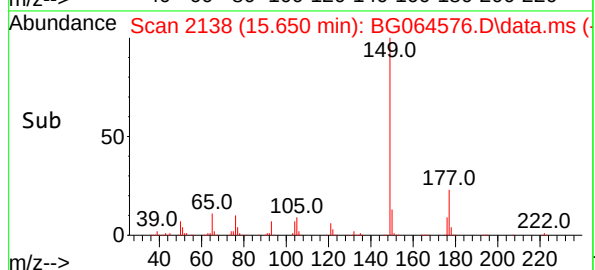
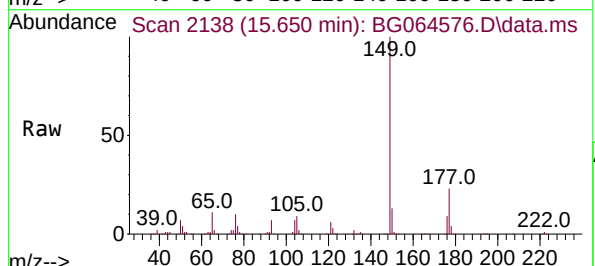
Manual Integrations
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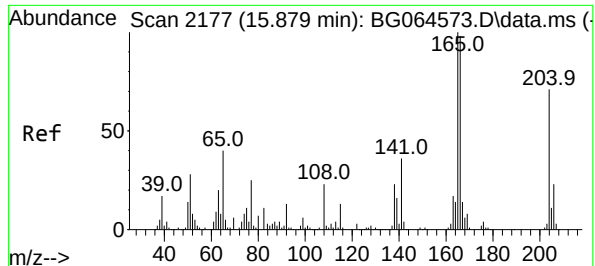
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#60
Diethylphthalate
Concen: 47.543 ng
RT: 15.650 min Scan# 2138
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:149 Resp: 527594
Ion Ratio Lower Upper
149 100
177 22.6 18.0 27.0
150 13.1 10.2 15.4





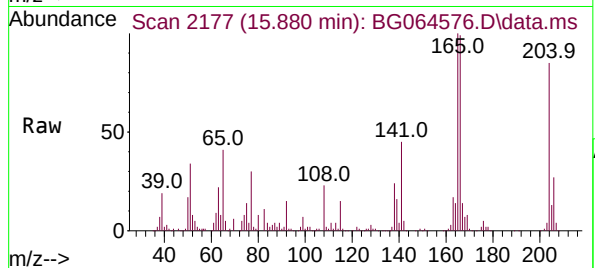
#61
4-Chlorophenyl-phenylether
Concen: 46.576 ng
RT: 15.880 min Scan# 2177
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

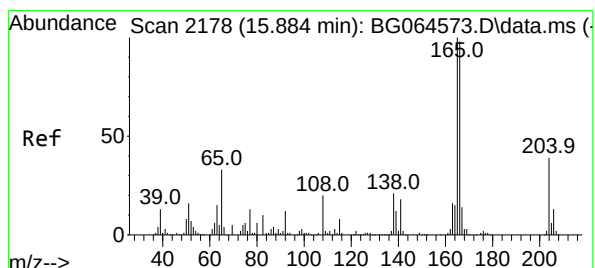
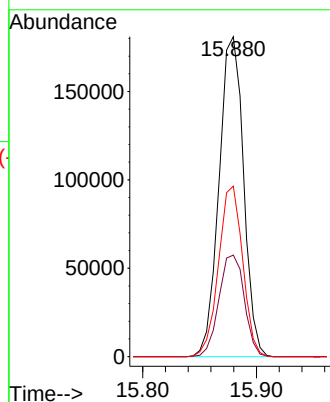
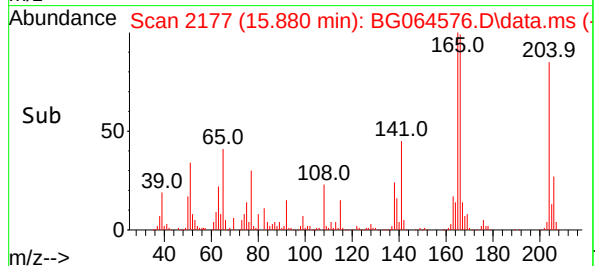


Tgt Ion:204 Resp: 271068
Ion Ratio Lower Upper
204 100
206 31.7 25.6 38.4
141 53.3 40.6 60.8

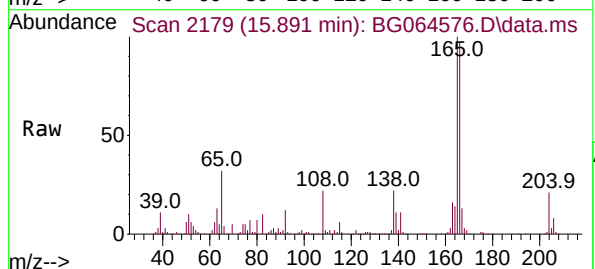
Manual Integrations

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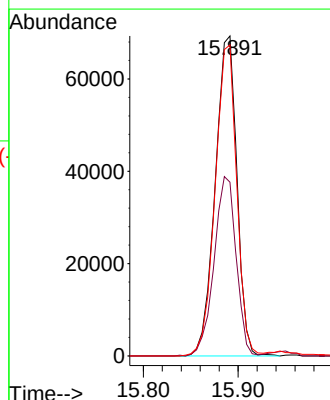
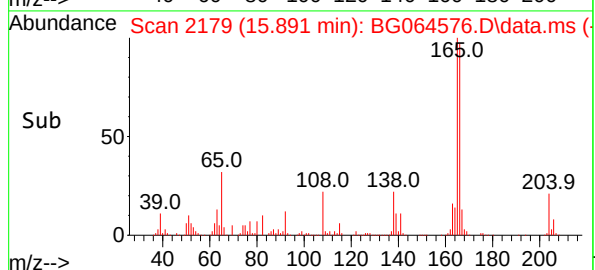
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

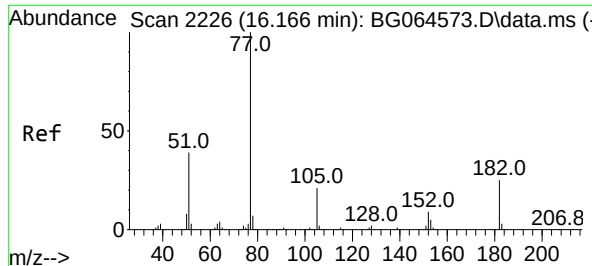


#62
4-Nitroaniline
Concen: 52.970 ng
RT: 15.891 min Scan# 2179
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



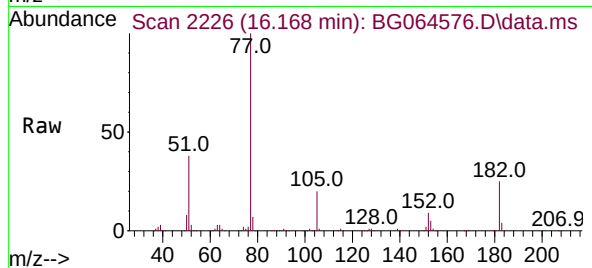
Tgt Ion:138 Resp: 110067
Ion Ratio Lower Upper
138 100
92 54.3 36.1 76.1
108 97.2 75.6 115.6





#63
Azobenzene
Concen: 46.671 ng
RT: 16.168 min Scan# 2226
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

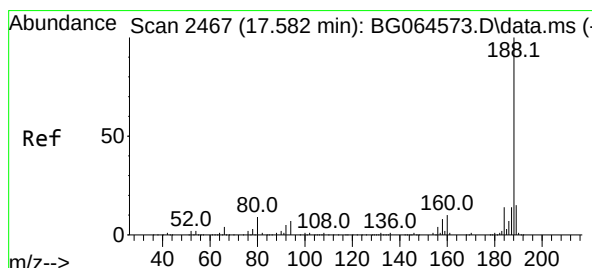
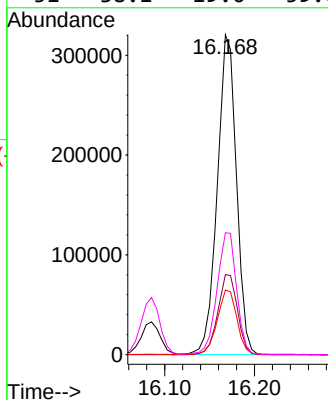
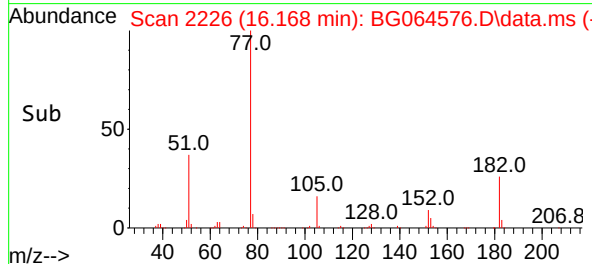
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion: 77 Resp: 475203
Ion Ratio Lower Upper
77 100
182 25.0 4.9 44.9
105 20.2 1.3 41.3
51 38.1 19.0 59.0

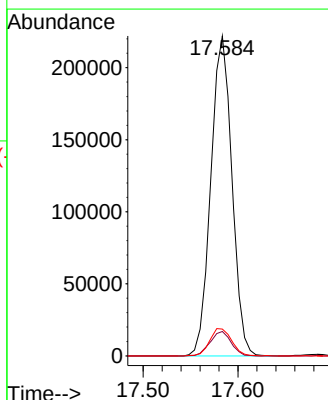
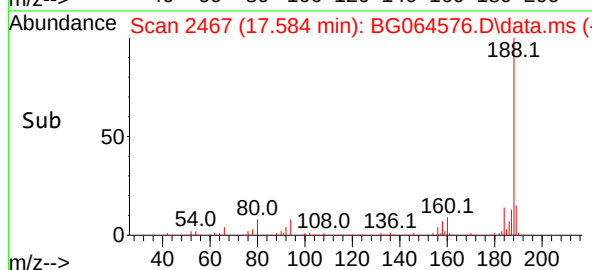
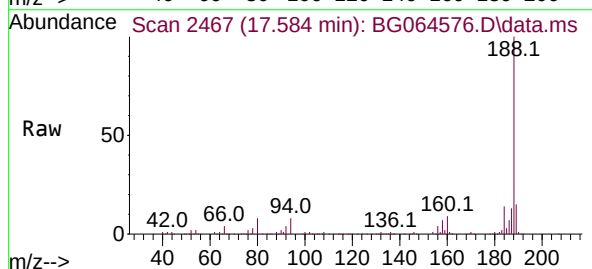
Manual Integrations
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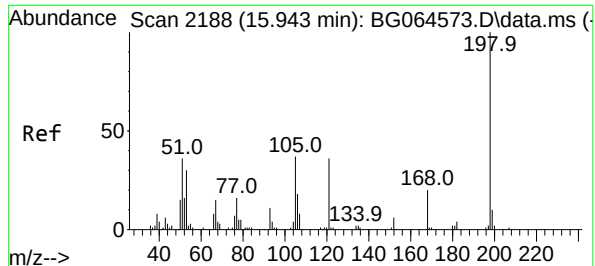
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.584 min Scan# 2467
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

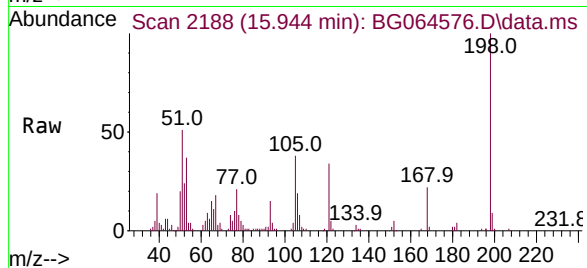
Tgt Ion:188 Resp: 343365
Ion Ratio Lower Upper
188 100
94 7.6 5.7 8.5
80 8.4 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 47.500 ng
RT: 15.944 min Scan# 2188
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

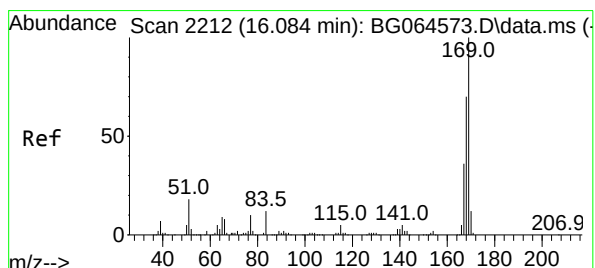
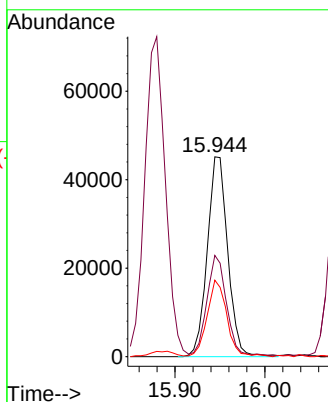
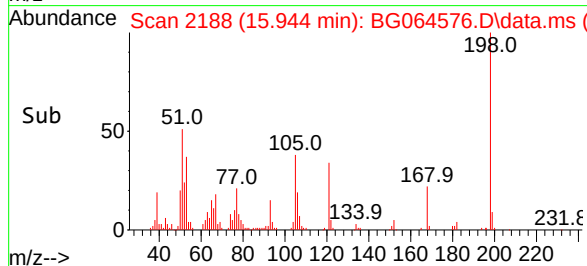
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



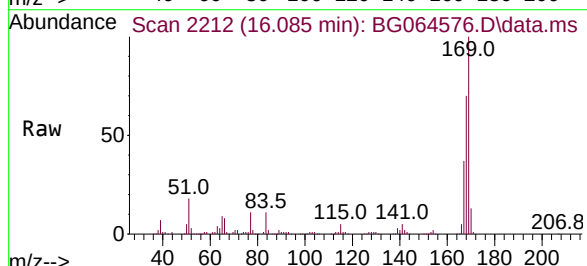
Tgt Ion:198 Resp: 71672
Ion Ratio Lower Upper
198 100
51 50.7 24.7 64.7
105 38.3 18.0 58.0

Manual Integrations
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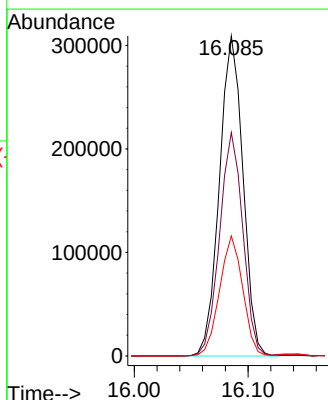
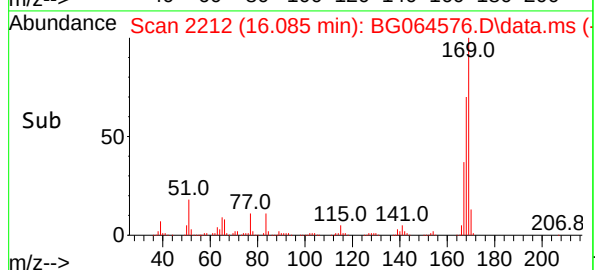
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

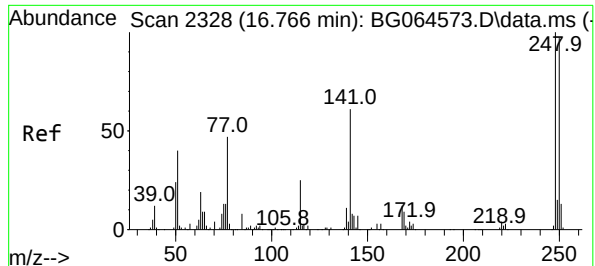


#66
n-Nitrosodiphenylamine
Concen: 47.959 ng
RT: 16.085 min Scan# 2212
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



Tgt Ion:169 Resp: 444824
Ion Ratio Lower Upper
169 100
168 69.8 56.3 84.5
167 37.5 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 48.225 ng
RT: 16.773 min Scan# 2328
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

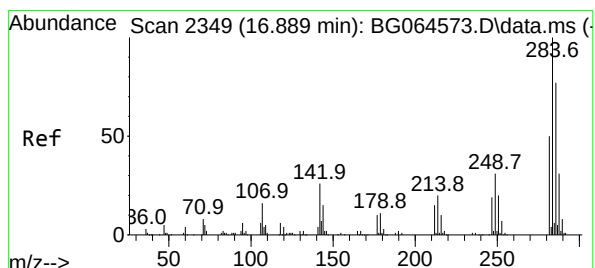
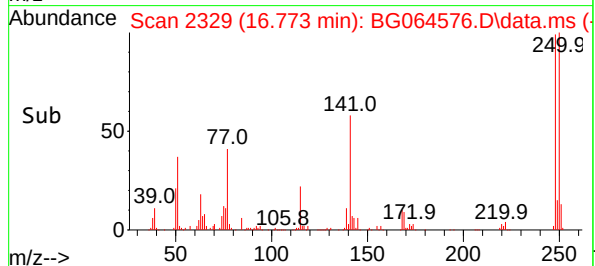
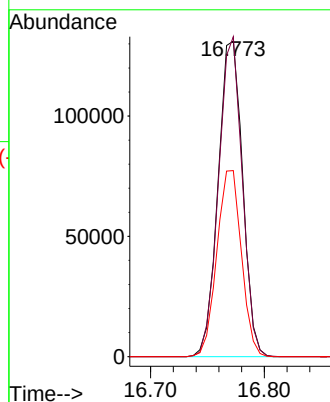
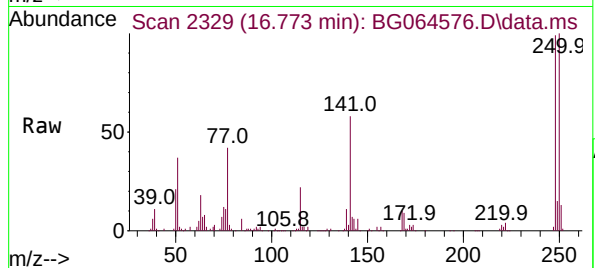
SSTDICC050

Tgt Ion:248 Resp: 196226
Ion Ratio Lower Upper
248 100
250 101.5 77.7 116.5
141 59.0 48.6 72.8

Manual Integrations

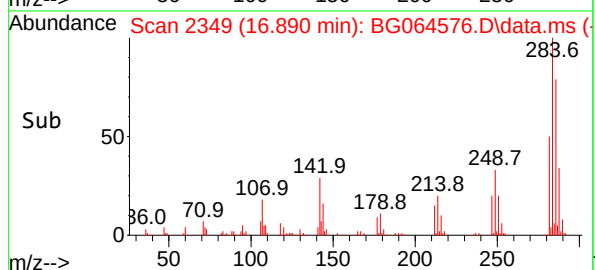
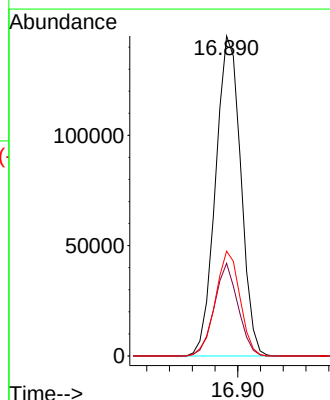
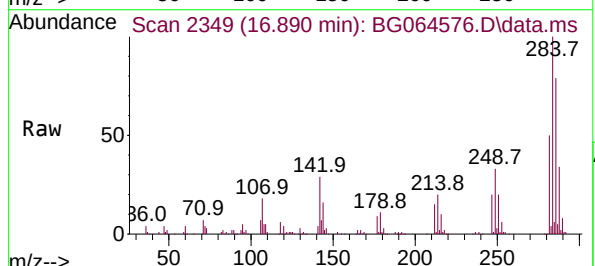
APPROVED

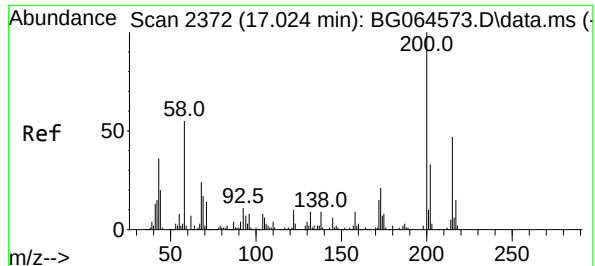
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#68
Hexachlorobenzene
Concen: 48.043 ng
RT: 16.890 min Scan# 2349
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:284 Resp: 223018
Ion Ratio Lower Upper
284 100
142 28.9 21.0 31.6
249 35.3 24.9 37.3





#69

Atrazine

Concen: 47.066 ng

RT: 17.025 min Scan# 2372

Delta R.T. 0.001 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:200 Resp: 187862

Ion Ratio Lower Upper

200 100

173 22.9 0.9 40.9

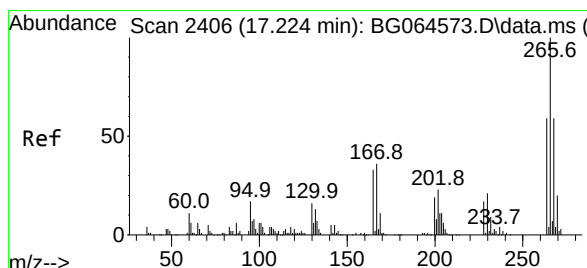
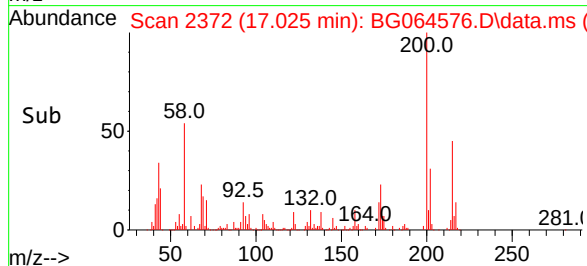
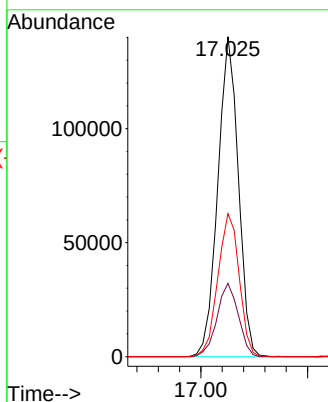
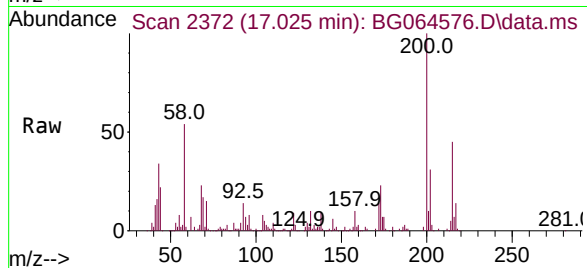
215 44.7 27.0 67.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#70

Pentachlorophenol

Concen: 50.930 ng

RT: 17.225 min Scan# 2406

Delta R.T. 0.001 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

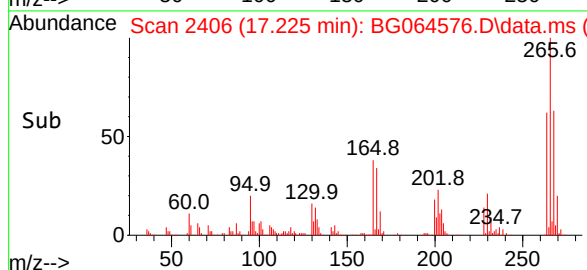
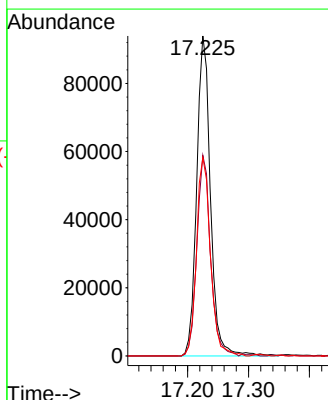
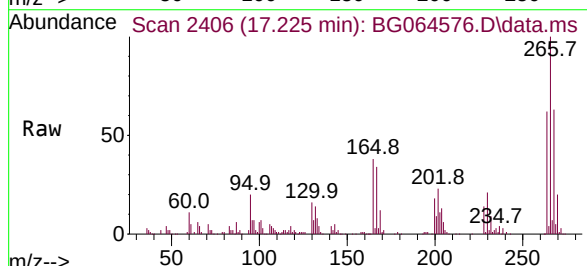
Tgt Ion:266 Resp: 147427

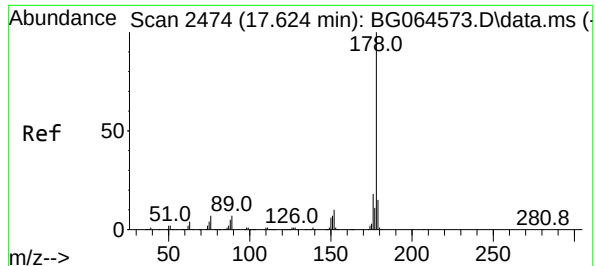
Ion Ratio Lower Upper

266 100

268 67.9 50.3 75.5

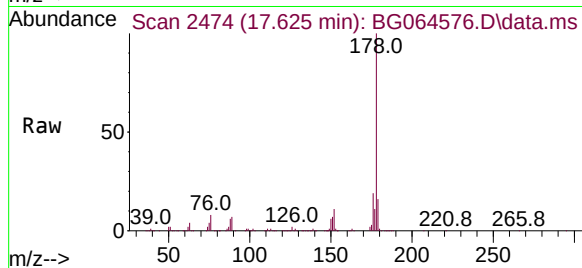
264 62.0 47.3 70.9





#71
Phenanthrene
Concen: 46.621 ng
RT: 17.625 min Scan# 2474
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

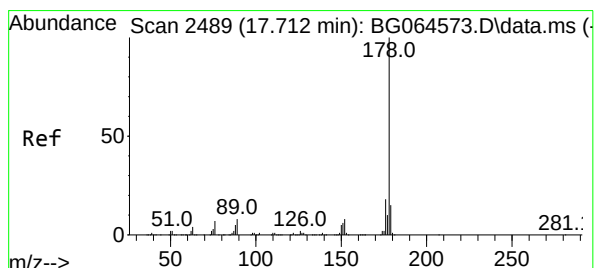
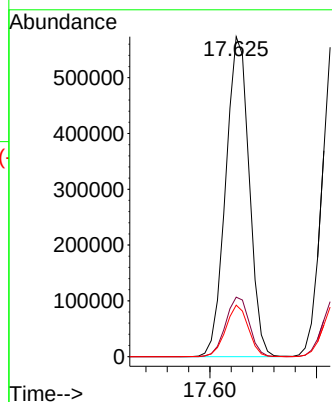
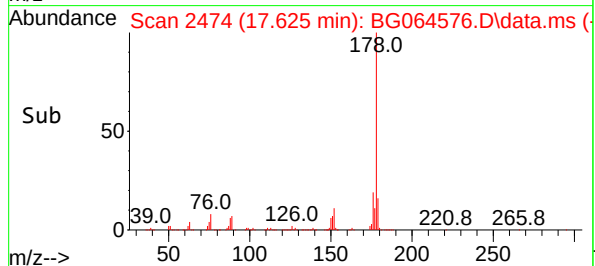
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



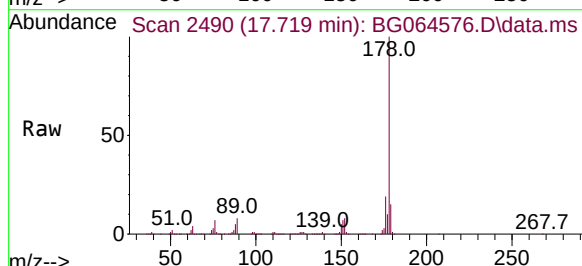
Tgt Ion:178 Resp: 875415
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 16.1 12.2 18.4

Manual Integrations
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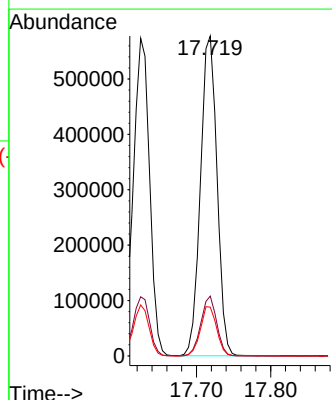
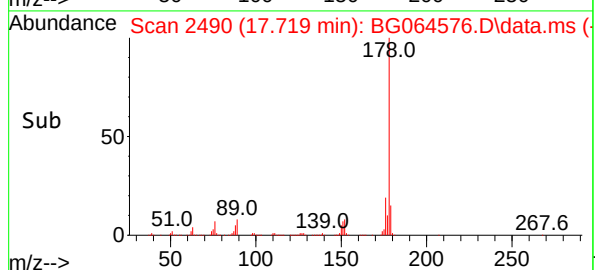
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

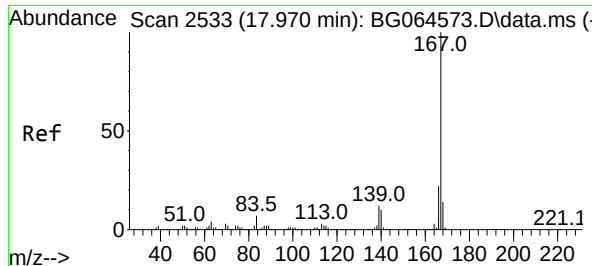


#72
Anthracene
Concen: 46.785 ng
RT: 17.719 min Scan# 2490
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



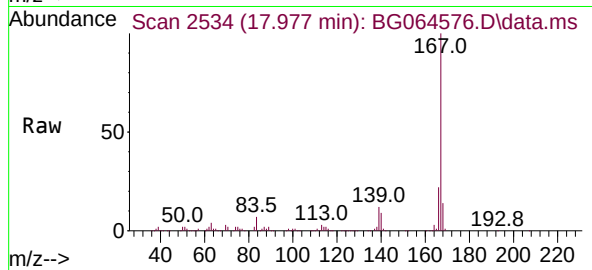
Tgt Ion:178 Resp: 893629
Ion Ratio Lower Upper
178 100
176 18.7 14.4 21.6
179 15.2 12.4 18.6





#73
 Carbazole
 Concen: 46.370 ng
 RT: 17.977 min Scan# 2534
 Delta R.T. 0.007 min
 Lab File: BG064576.D
 Acq: 24 Oct 2025 15:32

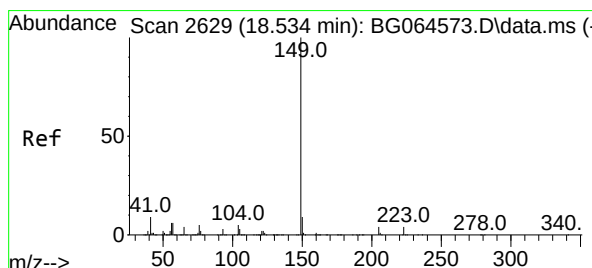
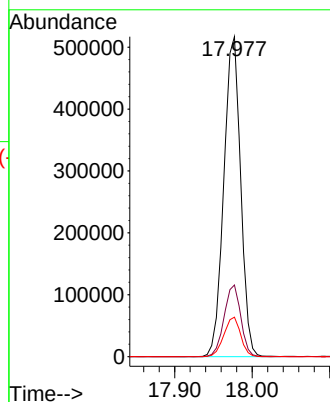
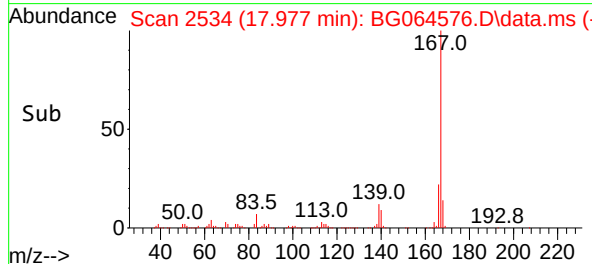
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050



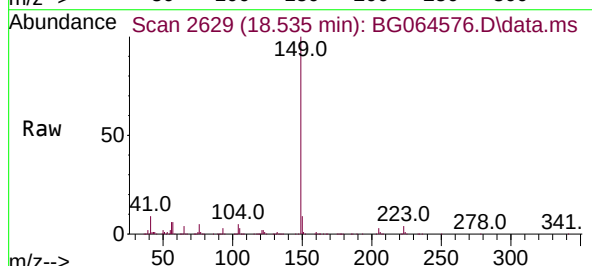
Tgt Ion:167 Resp: 781031
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.9 26.9
 139 12.3 9.7 14.5

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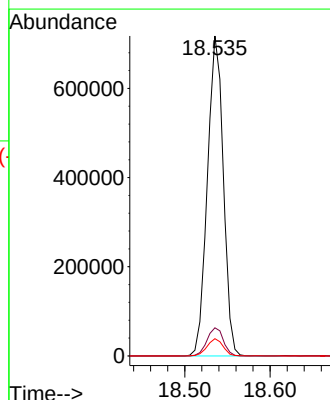
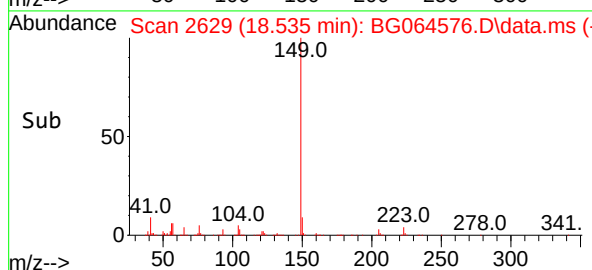
Reviewed By :Rahul Chavli 10/27/2025
 Supervised By :mohammad ahmed 11/05/2025

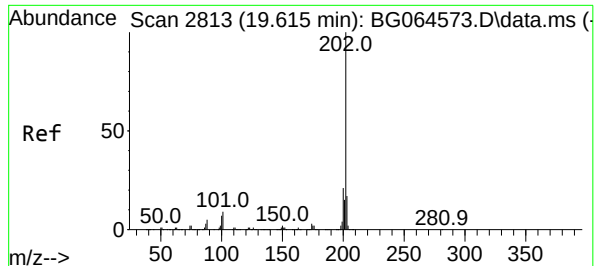


#74
 Di-n-butylphthalate
 Concen: 47.762 ng
 RT: 18.535 min Scan# 2629
 Delta R.T. 0.001 min
 Lab File: BG064576.D
 Acq: 24 Oct 2025 15:32



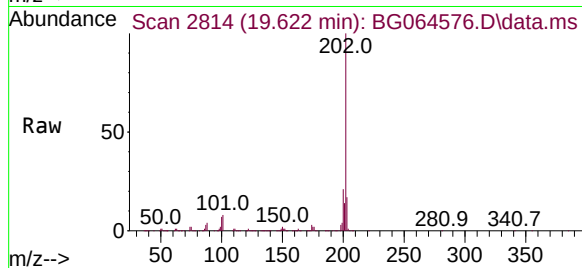
Tgt Ion:149 Resp: 930281
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.0 10.6
 104 5.4 4.1 6.1





#75
Fluoranthene
Concen: 46.459 ng
RT: 19.622 min Scan# 2814
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

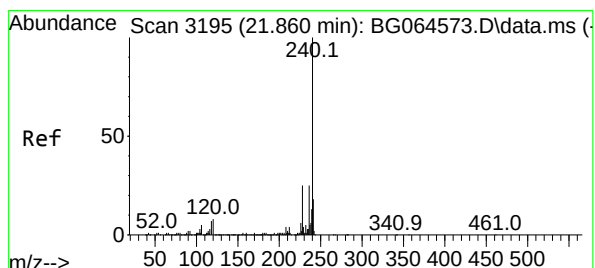
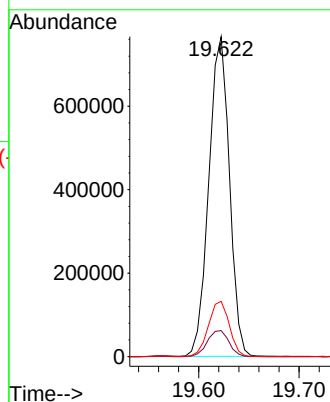
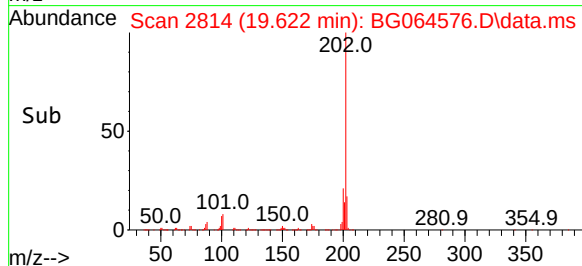
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:202 Resp: 1092855
Ion Ratio Lower Upper
202 100
101 8.2 0.0 28.7
203 17.3 0.0 37.0

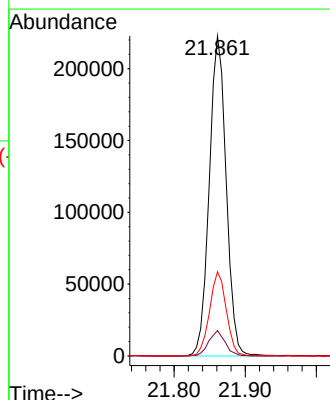
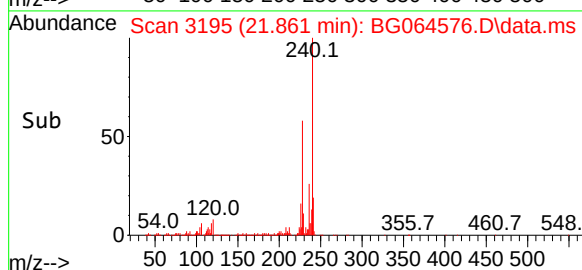
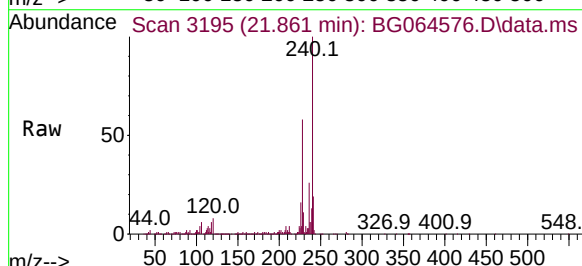
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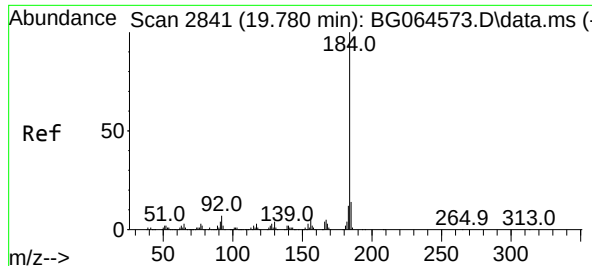
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.861 min Scan# 3195
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

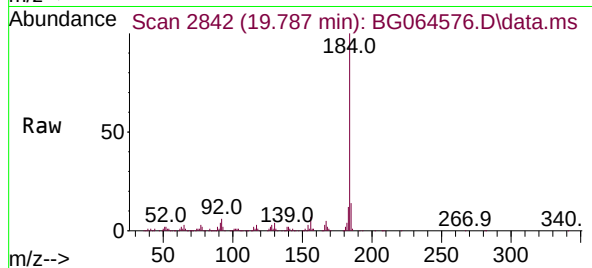
Tgt Ion:240 Resp: 367592
Ion Ratio Lower Upper
240 100
120 7.9 6.5 9.7
236 26.3 20.2 30.2





#77
Benzidine
Concen: 46.435 ng
RT: 19.787 min Scan# 2842
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

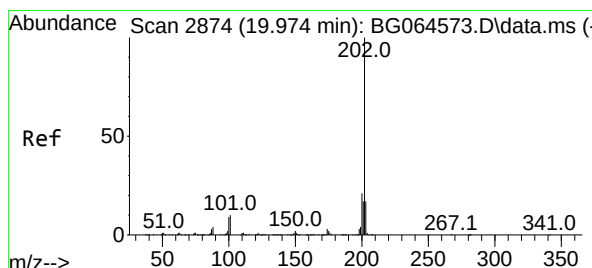
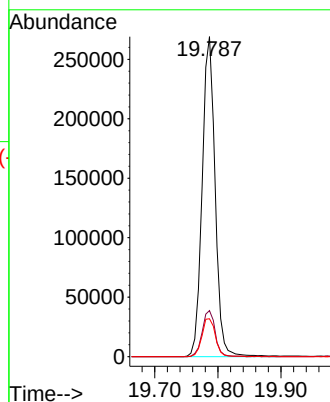
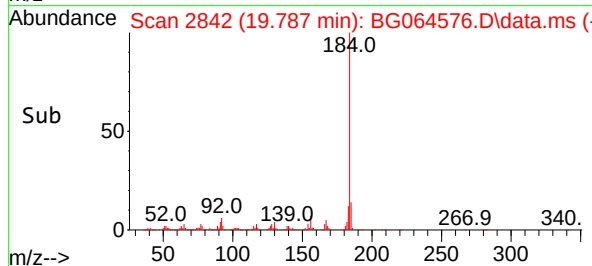
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:184 Resp: 382418
Ion Ratio Lower Upper
184 100
185 14.4 11.4 17.2
183 11.8 9.4 14.2

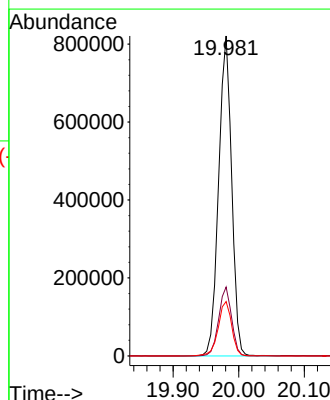
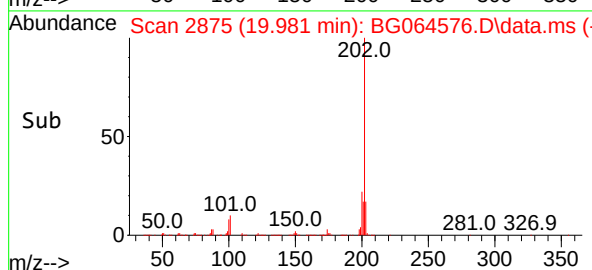
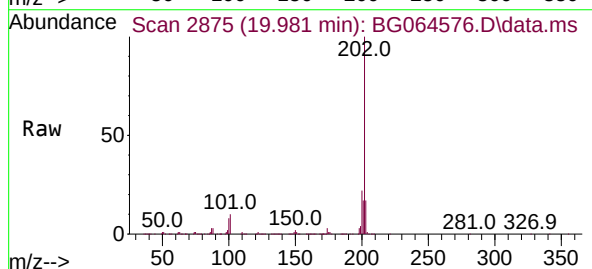
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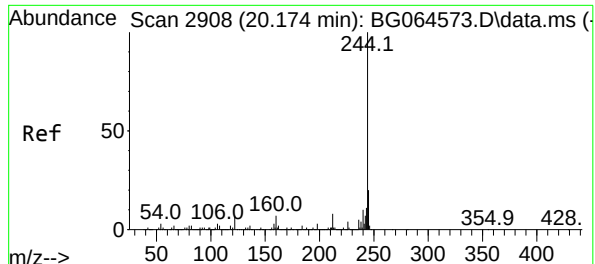
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#78
Pyrene
Concen: 47.190 ng
RT: 19.981 min Scan# 2875
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

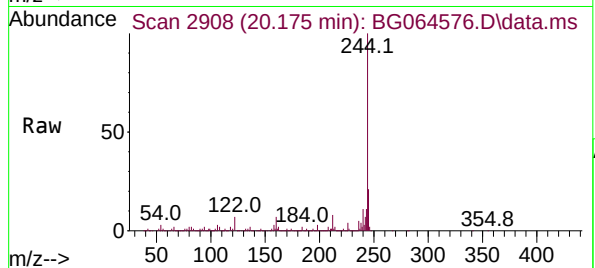
Tgt Ion:202 Resp: 1133345
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.4
203 17.0 13.8 20.6





#79
 Terphenyl-d14
 Concen: 93.162 ng
 RT: 20.175 min Scan# 2908
 Delta R.T. 0.001 min
 Lab File: BG064576.D
 Acq: 24 Oct 2025 15:32

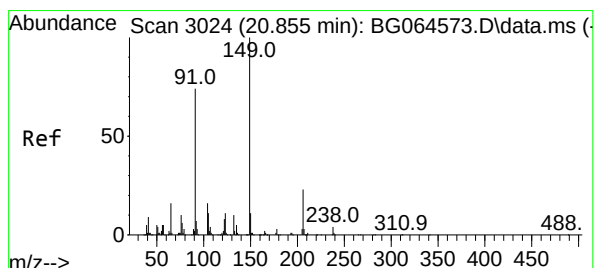
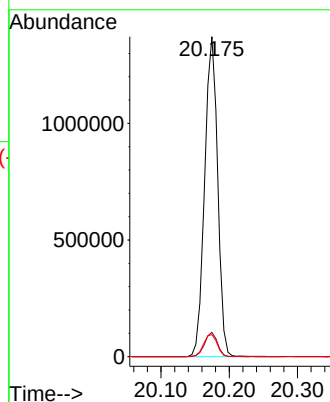
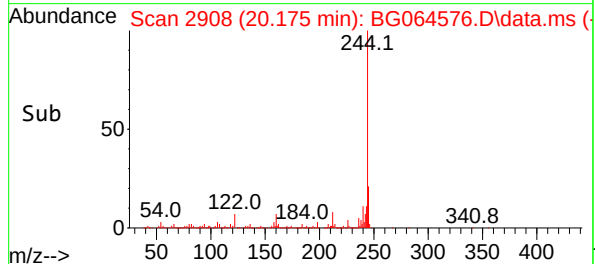
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050



Tgt Ion:244 Resp: 1814663
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 6.9 5.6 8.4

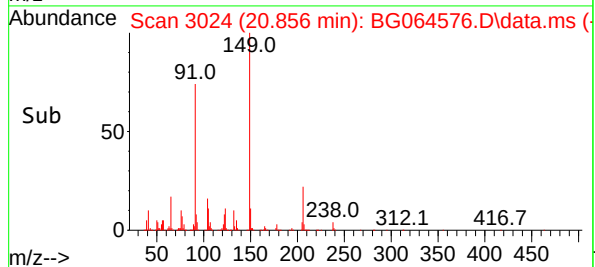
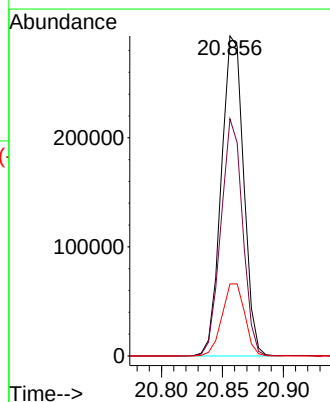
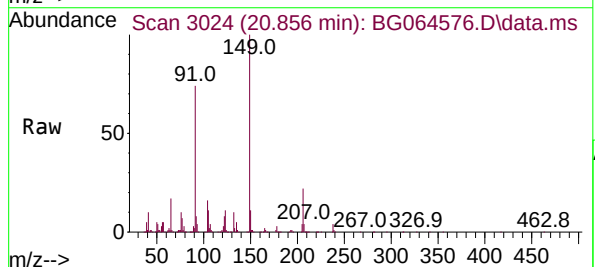
Manual Integrations
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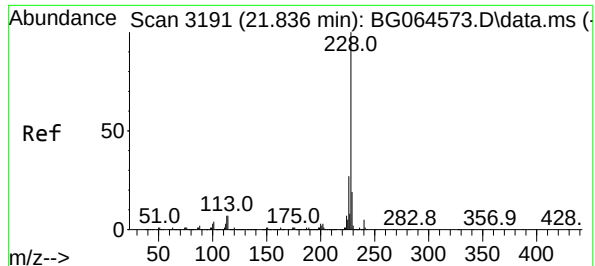
Reviewed By :Rahul Chavli 10/27/2025
 Supervised By :mohammad ahmed 11/05/2025



#80
 Butylbenzylphthalate
 Concen: 51.609 ng
 RT: 20.856 min Scan# 3024
 Delta R.T. 0.001 min
 Lab File: BG064576.D
 Acq: 24 Oct 2025 15:32

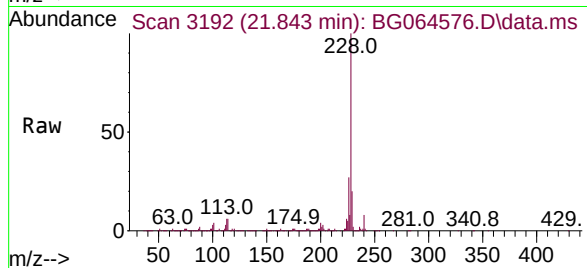
Tgt Ion:149 Resp: 374611
 Ion Ratio Lower Upper
 149 100
 91 74.1 59.2 88.8
 206 22.5 18.1 27.1





#81
Benzo(a)anthracene
Concen: 47.234 ng
RT: 21.843 min Scan# 3191
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

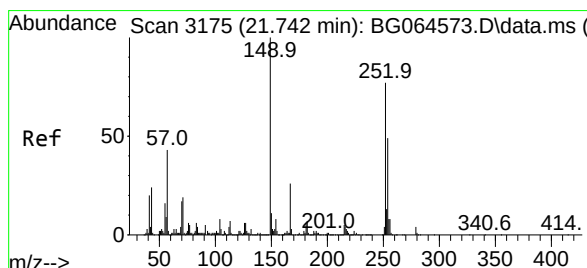
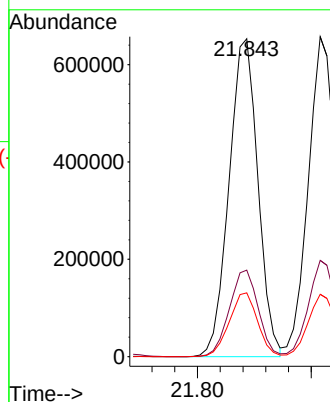
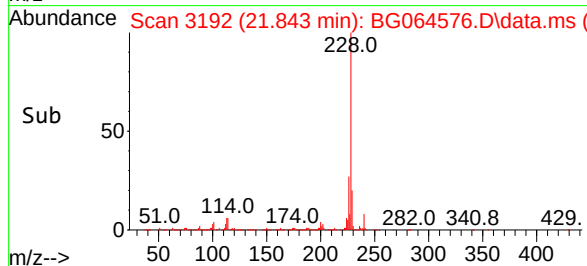
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:228 Resp: 115124
Ion Ratio Lower Upper
228 100
226 27.2 21.9 32.9
229 20.1 15.6 23.4

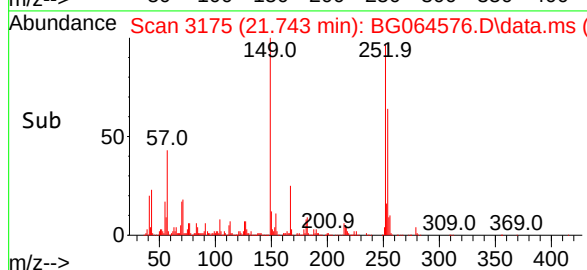
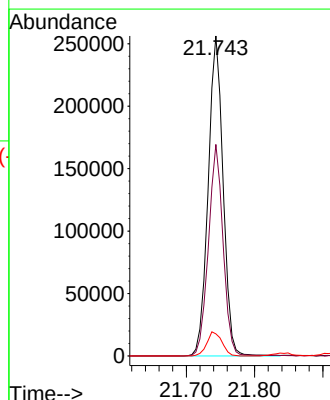
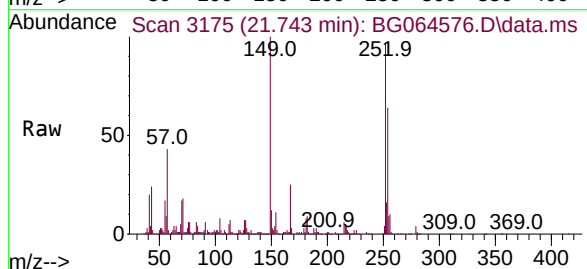
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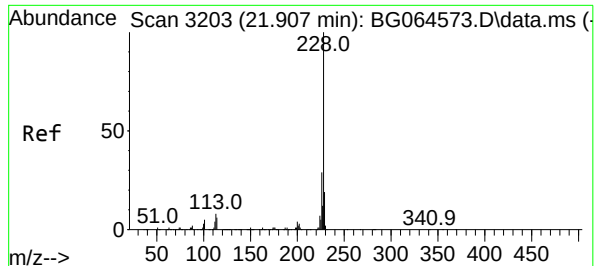
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#82
3,3'-Dichlorobenzidine
Concen: 47.824 ng
RT: 21.743 min Scan# 3175
Delta R.T. 0.001 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:252 Resp: 389240
Ion Ratio Lower Upper
252 100
254 66.1 50.8 76.2
126 6.9 5.8 8.6





#83

Chrysene

Concen: 47.062 ng

RT: 21.908 min Scan# 3190

Delta R.T. 0.001 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:228 Resp: 1091456

Ion Ratio Lower Upper

228 100

226 30.1 23.3 34.9

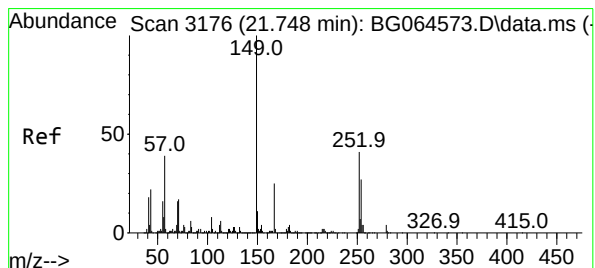
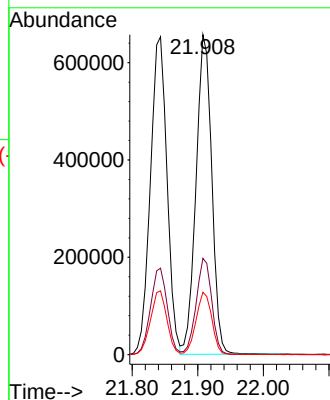
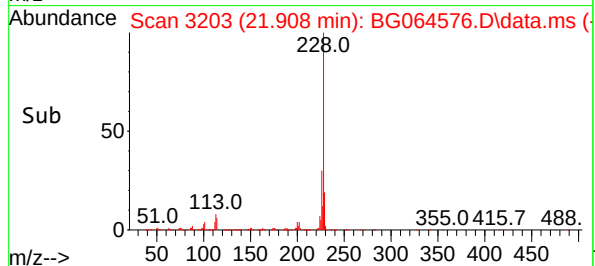
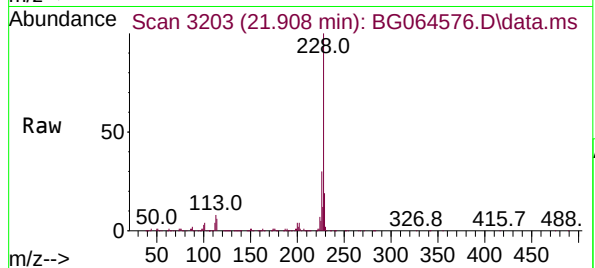
229 19.5 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.576 ng

RT: 21.749 min Scan# 3176

Delta R.T. 0.001 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

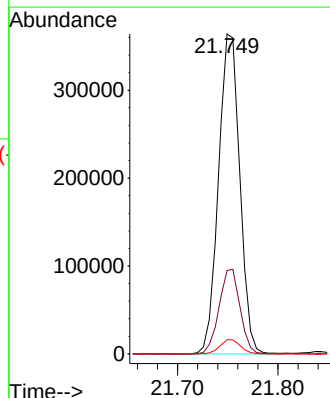
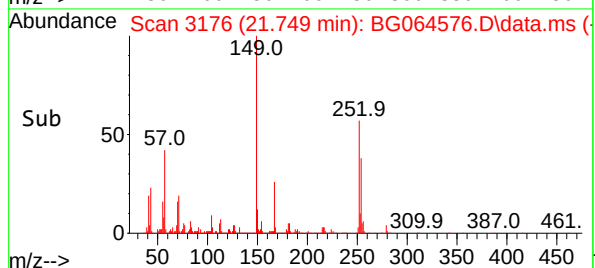
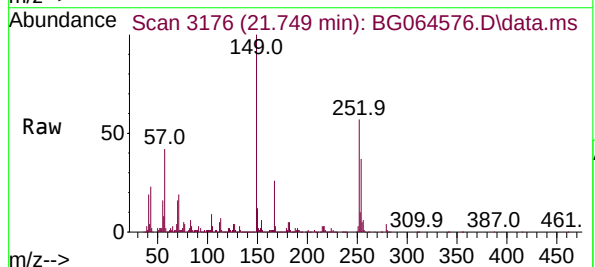
Tgt Ion:149 Resp: 537716

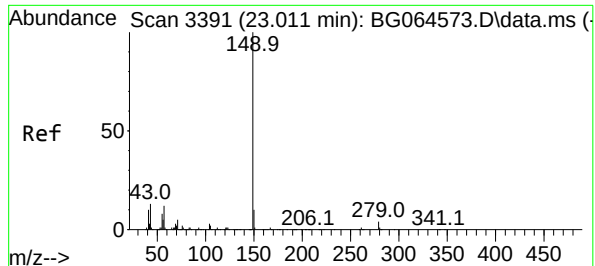
Ion Ratio Lower Upper

149 100

167 26.1 20.0 30.0

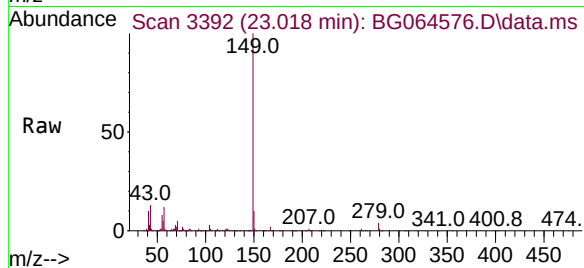
279 4.4 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 49.039 ng
RT: 23.018 min Scan# 3391
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

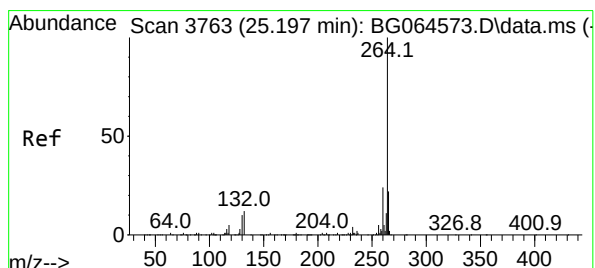
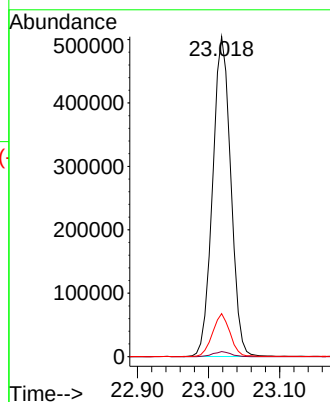
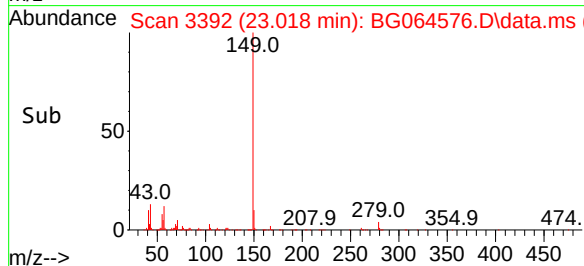
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:149 Resp: 896763
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 13.1 10.8 16.2

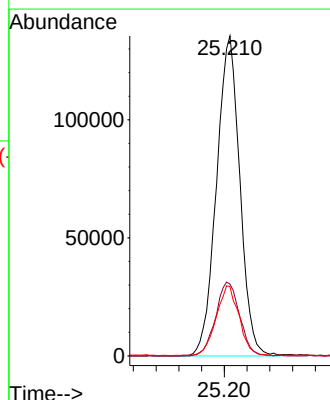
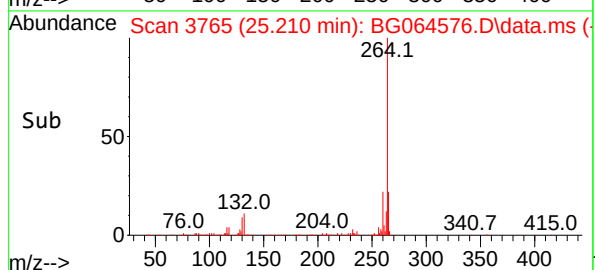
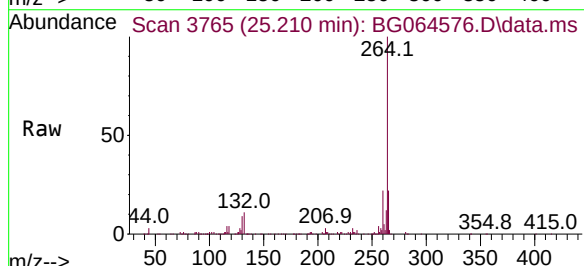
Manual Integrations
APPROVED

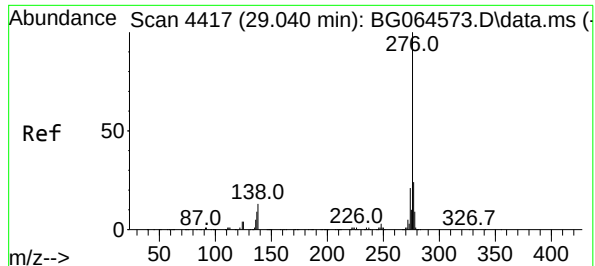
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.210 min Scan# 3765
Delta R.T. 0.013 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

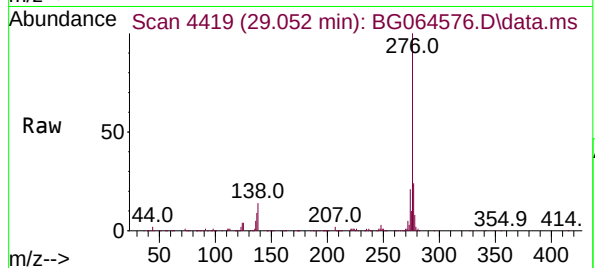
Tgt Ion:264 Resp: 385865
Ion Ratio Lower Upper
264 100
260 22.4 19.0 28.4
265 21.7 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.425 ng
RT: 29.052 min Scan# 4417
Delta R.T. 0.013 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

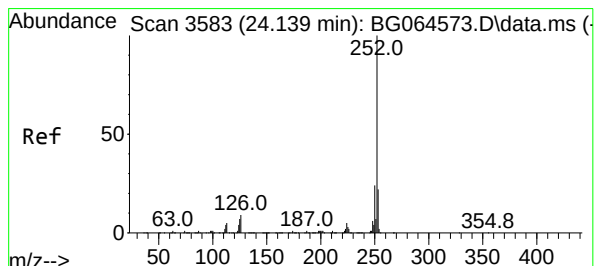
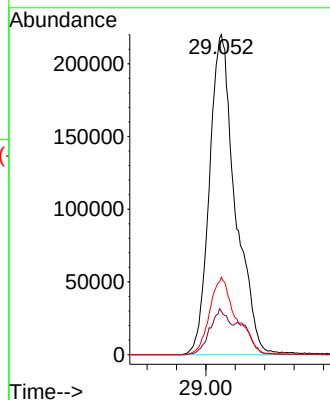
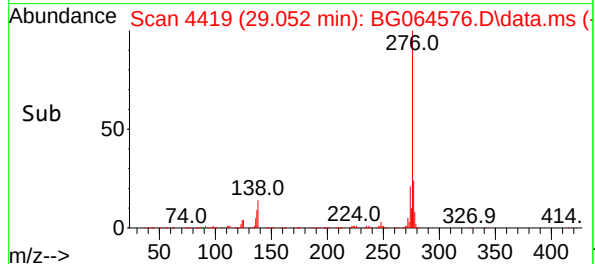
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion: 276 Resp: 1346188
Ion Ratio Lower Upper
276 100
138 10.9 10.8 16.2
277 24.8 20.1 30.1

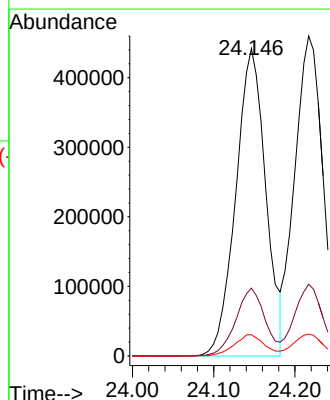
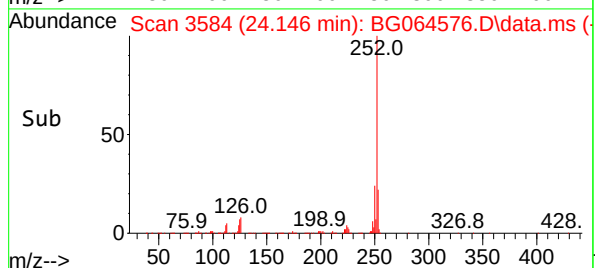
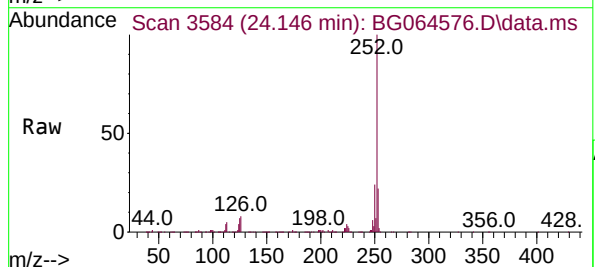
Manual Integrations
APPROVED

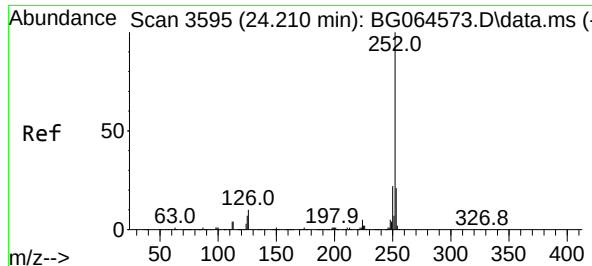
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#88
Benzo(b)fluoranthene
Concen: 47.810 ng
RT: 24.146 min Scan# 3584
Delta R.T. 0.007 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion: 252 Resp: 1131250
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 6.9 5.6 8.4





#89

Benzo(k)fluoranthene

Concen: 46.901 ng

RT: 24.217 min Scan# 3596

Delta R.T. 0.007 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:252 Resp: 1110490

Ion Ratio Lower Upper

252 100

253 22.4 16.8 25.2

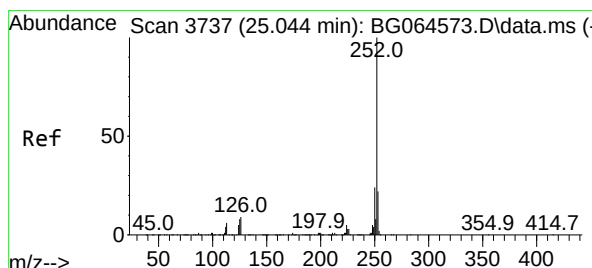
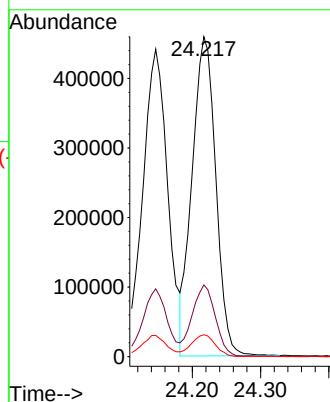
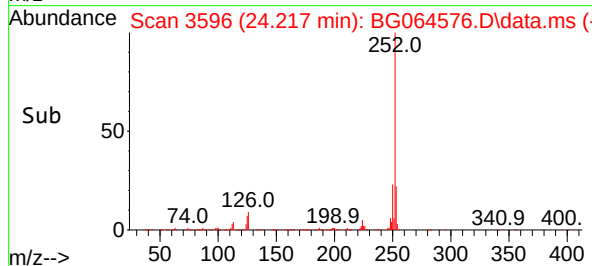
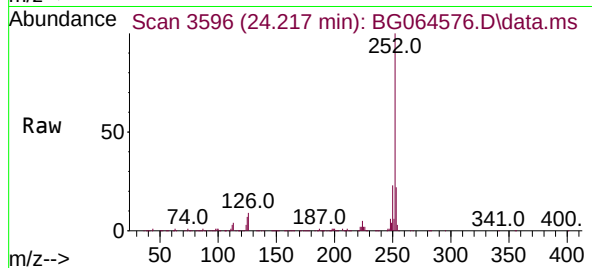
125 6.8 5.4 8.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#90

Benzo(a)pyrene

Concen: 47.339 ng

RT: 25.051 min Scan# 3738

Delta R.T. 0.007 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

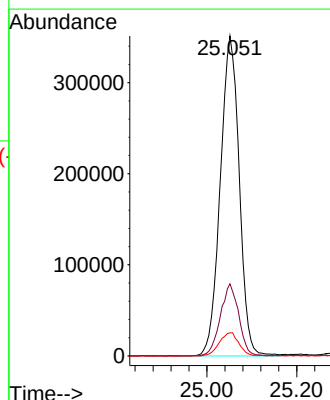
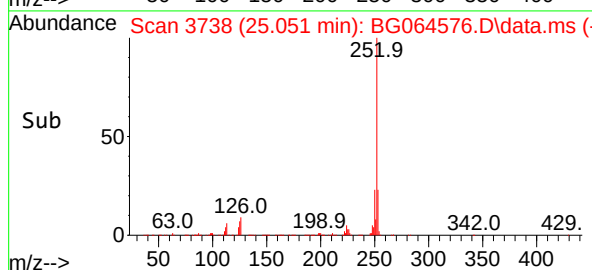
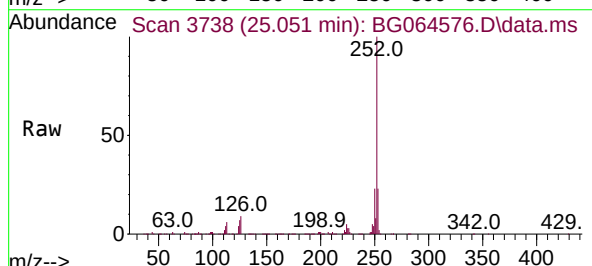
Tgt Ion:252 Resp: 1029605

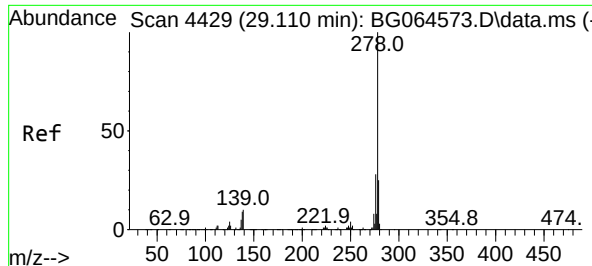
Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

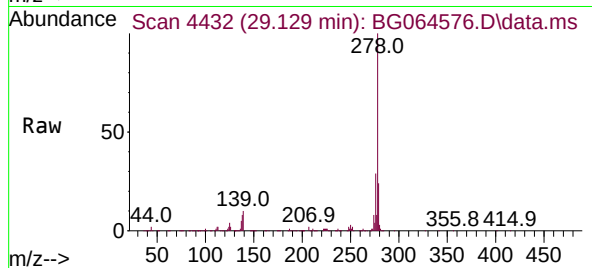
125 7.2 6.1 9.1





#91
Dibenzo(a,h)anthracene
Concen: 47.283 ng
RT: 29.129 min Scan# 4429
Delta R.T. 0.019 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

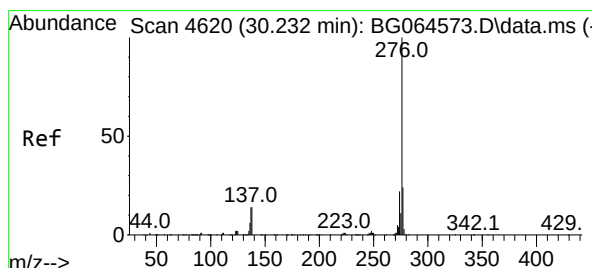
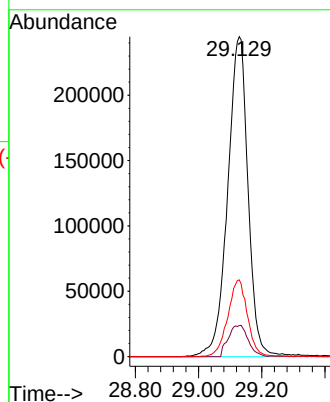
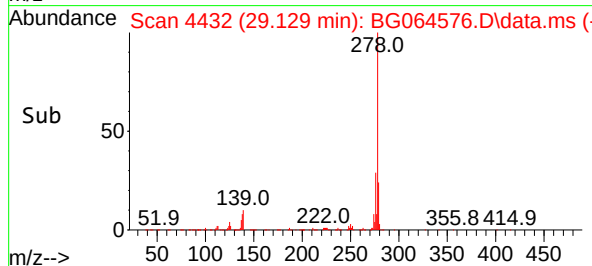
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:278 Resp: 1090407
Ion Ratio Lower Upper
278 100
139 9.7 8.0 12.0
279 24.0 19.8 29.6

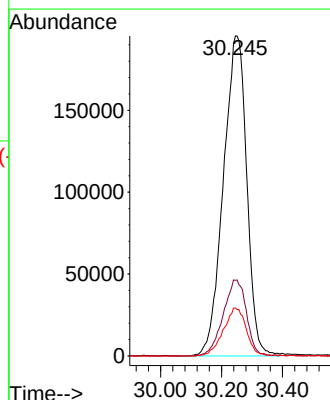
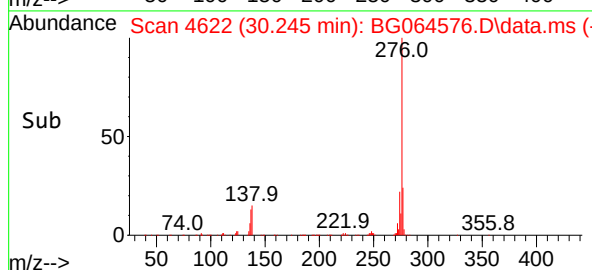
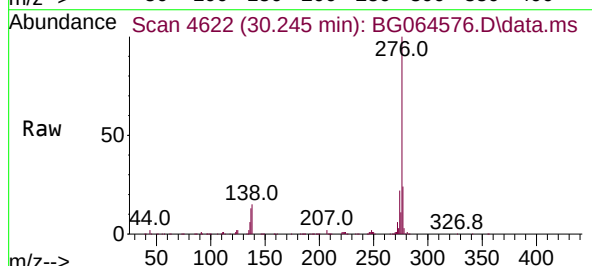
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025



#92
Benzo(g,h,i)perylene
Concen: 47.184 ng
RT: 30.245 min Scan# 4622
Delta R.T. 0.013 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:276 Resp: 1039447
Ion Ratio Lower Upper
276 100
277 23.6 19.1 28.7
138 15.0 11.3 16.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064577.D
 Acq On : 24 Oct 2025 16:47
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG102425

Quant Time: Nov 04 00:39:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.222	152	37186	20.000	ng	0.00
21) Naphthalene-d8	11.048	136	157125	20.000	ng	0.00
39) Acenaphthene-d10	14.844	164	124202	20.000	ng	0.00
64) Phenanthrene-d10	17.582	188	290051	20.000	ng	0.00
76) Chrysene-d12	21.859	240	293608	20.000	ng	0.00
86) Perylene-d12	25.202	264	306886	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.743	112	156266	70.535	ng	0.00
7) Phenol-d6	7.353	99	225294	74.109	ng	0.00
23) Nitrobenzene-d5	9.386	82	200749	76.738	ng	0.00
42) 2,4,6-Tribromophenol	16.319	330	134578	75.074	ng	0.00
45) 2-Fluorobiphenyl	13.475	172	594887	72.599	ng	0.00
79) Terphenyl-d14	20.173	244	1151597	74.019	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.586	88	33172	33.820	ng	97
3) Pyridine	3.998	79	98123	33.313	ng	95
4) n-Nitrosodimethylamine	3.898	42	56903	36.025	ng	98
6) Aniline	7.529	93	157683	38.118	ng	99
8) 2-Chlorophenol	7.776	128	85755	36.981	ng	96
9) Benzaldehyde	7.341	77	84516	50.923	ng	95
10) Phenol	7.376	94	122412	36.410	ng	98
11) bis(2-Chloroethyl)ether	7.623	93	86447	34.973	ng	99
12) 1,3-Dichlorobenzene	8.111	146	96308	36.085	ng	94
13) 1,4-Dichlorobenzene	8.257	146	102132	37.634	ng	96
14) 1,2-Dichlorobenzene	8.581	146	96651	36.924	ng	97
15) Benzyl Alcohol	8.445	79	95250	37.995	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.745	45	234476	36.163	ng	98
17) 2-Methylphenol	8.651	107	85863	38.466	ng	93
18) Hexachloroethane	9.327	117	34040	35.743	ng	96
19) n-Nitroso-di-n-propyla...	9.027	70	83140	39.572	ng	96
20) 3+4-Methylphenols	8.974	107	118917	37.882	ng	96
22) Acetophenone	9.045	105	162385	37.806	ng	97
24) Nitrobenzene	9.427	77	111836	39.305	ng	97
25) Isophorone	9.955	82	236860	37.733	ng	99
26) 2-Nitrophenol	10.143	139	38013	35.498	ng	97
27) 2,4-Dimethylphenol	10.196	122	94545	40.491	ng	99
28) bis(2-Chloroethoxy)met...	10.437	93	132072	36.953	ng	99
29) 2,4-Dichlorophenol	10.684	162	95966	38.190	ng	97
30) 1,2,4-Trichlorobenzene	10.907	180	108339	37.945	ng	97
31) Naphthalene	11.101	128	311084	35.709	ng	100
32) Benzoic acid	10.296	122	48162	29.620	ng	96
33) 4-Chloroaniline	11.189	127	139799	41.287	ng	99
34) Hexachlorobutadiene	11.389	225	78691	35.242	ng	97
35) Caprolactam	11.941	113	35011	36.326	ng	93
36) 4-Chloro-3-methylphenol	12.294	107	114927	38.049	ng	98
37) 2-Methylnaphthalene	12.693	142	213545	33.388	ng	98
38) 1-Methylnaphthalene	12.911	142	224857	35.513	ng	100
40) 1,2,4,5-Tetrachloroben...	13.052	216	154838	37.146	ng	99
41) Hexachlorocyclopentadiene	13.040	237	95065	50.669	ng	98
43) 2,4,6-Trichlorophenol	13.281	196	92335	38.726	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064577.D
 Acq On : 24 Oct 2025 16:47
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG102425

Quant Time: Nov 04 00:39:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.346	196	102433	37.228	ng	99
46) 1,1'-Biphenyl	13.686	154	329629	37.331	ng	99
47) 2-Chloronaphthalene	13.727	162	241311	36.205	ng	97
48) 2-Nitroaniline	13.910	65	78927	36.129	ng	96
49) Acenaphthylene	14.568	152	435836	41.457	ng	98
50) Dimethylphthalate	14.292	163	350600	36.890	ng	100
51) 2,6-Dinitrotoluene	14.403	165	61784	39.971	ng	100
52) Acenaphthene	14.908	154	253833	35.340	ng	98
53) 3-Nitroaniline	14.726	138	68729	42.080	ng	99
54) 2,4-Dinitrophenol	14.926	184	29394	33.991	ng	# 56
55) Dibenzofuran	15.237	168	419154	36.096	ng	97
56) 4-Nitrophenol	15.014	139	51210	33.818	ng	92
57) 2,4-Dinitrotoluene	15.185	165	85201	35.957	ng	96
58) Fluorene	15.890	166	328636	36.238	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.455	232	106626	40.525	ng	97
60) Diethylphthalate	15.649	149	348964	35.961	ng	99
61) 4-Chlorophenyl-phenyle...	15.878	204	182714	35.902	ng	99
62) 4-Nitroaniline	15.884	138	68807	37.867	ng	97
63) Azobenzene	16.172	77	323432	36.325	ng	97
65) 4,6-Dinitro-2-methylph...	15.943	198	42391	34.885	ng	94
66) n-Nitrosodiphenylamine	16.084	169	300274	38.325	ng	98
67) 4-Bromophenyl-phenylether	16.771	248	130765	38.044	ng	97
68) Hexachlorobenzene	16.888	284	144974	36.971	ng	96
69) Atrazine	17.024	200	130007	38.558	ng	96
70) Pentachlorophenol	17.223	266	85166	34.829	ng	90
71) Phenanthrene	17.623	178	569825	35.925	ng	99
72) Anthracene	17.717	178	584246	36.210	ng	99
73) Carbazole	17.975	167	498849	35.061	ng	99
74) Di-n-butylphthalate	18.534	149	570718	34.688	ng	99
75) Fluoranthene	19.621	202	676996	34.070	ng	99
77) Benzidine	19.785	184	356547	54.203	ng	99
78) Pyrene	19.979	202	693068	36.130	ng	99
80) Butylbenzylphthalate	20.854	149	224386	38.702	ng	98
81) Benzo(a)anthracene	21.836	228	706428	36.287	ng	99
82) 3,3'-Dichlorobenzidine	21.742	252	265324	40.813	ng	96
83) Chrysene	21.906	228	658217	35.533	ng	98
84) Bis(2-ethylhexyl)phtha...	21.747	149	324614	37.470	ng	96
85) Di-n-octyl phthalate	23.017	149	527097	36.087	ng	99
87) Indeno(1,2,3-cd)pyrene	29.045	276	820974	36.366	ng	99
88) Benzo(b)fluoranthene	24.139	252	681881	36.235	ng	99
89) Benzo(k)fluoranthene	24.209	252	701500	37.252	ng	99
90) Benzo(a)pyrene	25.049	252	652126	37.700	ng	98
91) Dibenzo(a,h)anthracene	29.121	278	674510	36.776	ng	96
92) Benzo(g,h,i)perylene	30.232	276	653564	37.302	ng	98

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

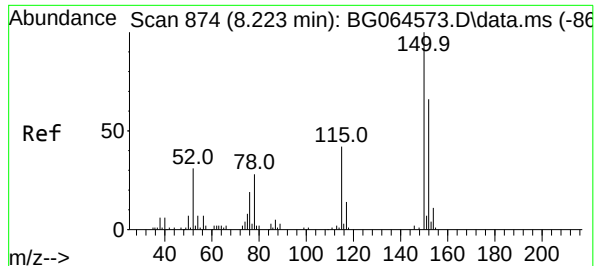
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Abundance

TIC: BG064577.D\data.ms

Time-->

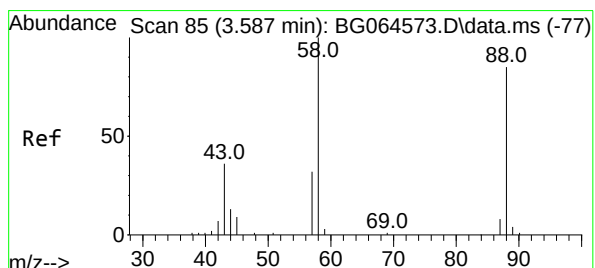
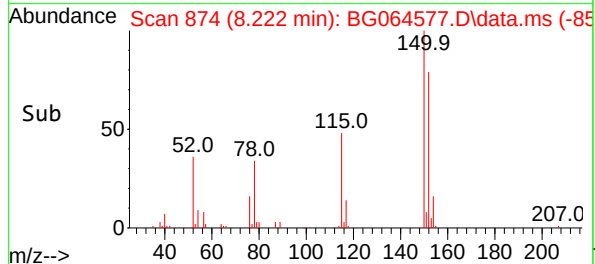
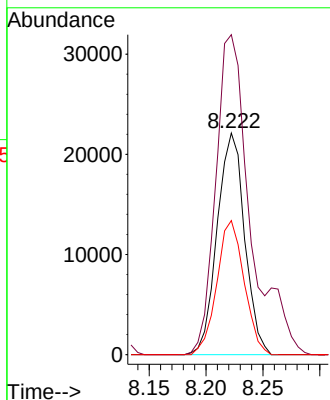
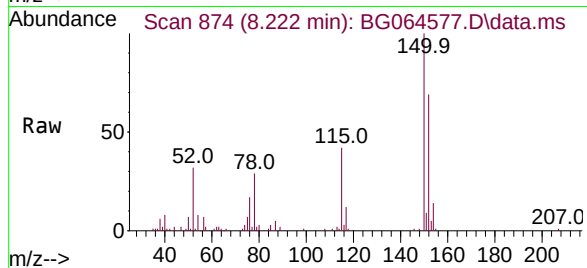
1,4-Dioxane
p-Nitrosodiphenylamine,
2-Fluorophenol,S
Benzofuran,C
bis(2-chlorophenyl) ether
1,4-Dichlorobenzene,C
Benzofuran,C
2,2'-bis(4-chlorophenyl)propane
3,4,4'-Trichlorobenzene
Hexachlorobenzene-d5,S
Isobutylene
2-Nitrophenol,C
Benzofuran,C
2,4-Dichlorophenol
Naphthalene-1,4-diol
Hexachlorobutadiene,C
Caprolactam
4-Chloro-3-methylphenol,C
2-Methylphthalate
2,4,6-Trichlorophenol,C
2-Nitroaniline
2-Chlorophenol
2,6-Dinitrotoluene
Dimethylphthalate
Acenaphthylene
Acenaphthene,C
4-Methylphenol
2,4-Dinitrophenol
2,5,4,6-Tetrachlorophthalate
4,6-Dinitro-2-methylphenol
Azobenzene
p-Nitrosodiphenylamine,c
4-Chlorophenylphenylether
4-Bromophenylphenylether
Pentachlorophenol,C
Phenanthrene-d10,
Phenanthrene-d10,
Carbazole
Di-n-butylphthalate
Benzidine
Fluoranthene,C
Pyrene
Butylbenzylphthalate
Chrysene-d12,
Chrysene-d12,
3,3'-Diethylhexylphthalate
Di-n-octyl phthalate,c
Benzofuran,C
Benzofuran,C
Benzo(a)pyrene, C
Perylene-d12,l
Indeno(1,2,3-cd)pyrene
Benzo(g,h,i)perylene



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.222 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

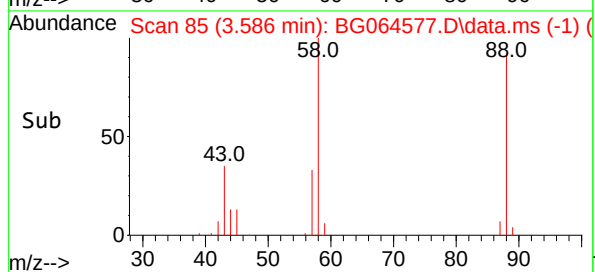
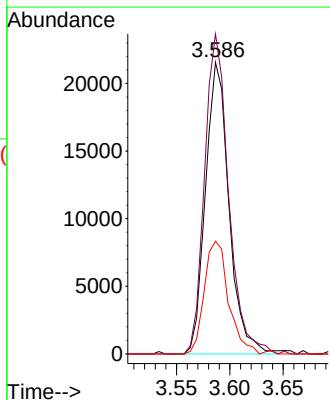
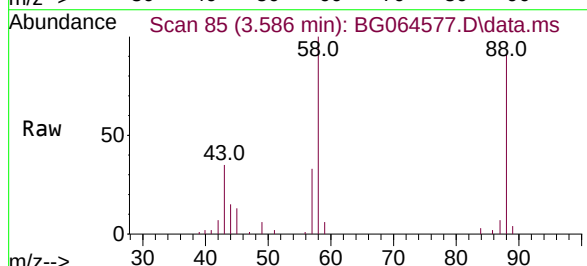
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

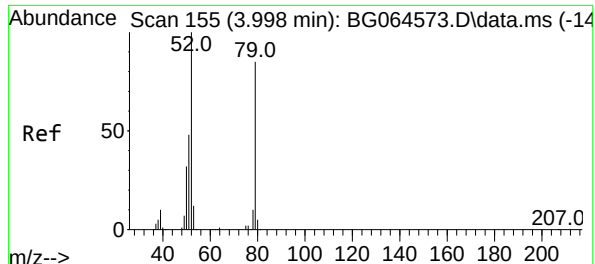
Tgt Ion:152 Resp: 37186
Ion Ratio Lower Upper
152 100
150 144.5 122.2 183.4
115 60.5 50.8 76.2



#2
1,4-Dioxane
Concen: 33.820 ng
RT: 3.586 min Scan# 85
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion: 88 Resp: 33172
Ion Ratio Lower Upper
88 100
58 111.8 92.4 138.6
43 40.1 33.0 49.6





#3

Pyridine

Concen: 33.313 ng

RT: 3.998 min Scan# 11

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

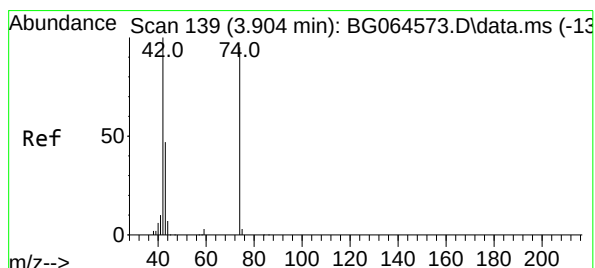
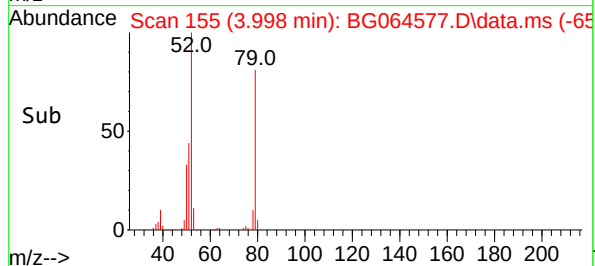
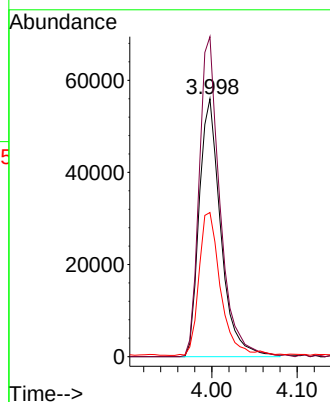
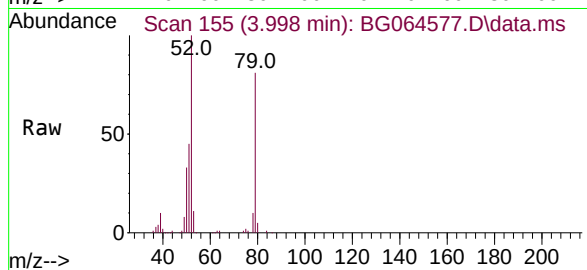
Tgt Ion: 79 Resp: 98123

Ion	Ratio	Lower	Upper

79	100		

52	124.1	94.2	141.2

51	55.8	46.1	69.1



#4

n-Nitrosodimethylamine

Concen: 36.025 ng

RT: 3.898 min Scan# 138

Delta R.T. -0.007 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

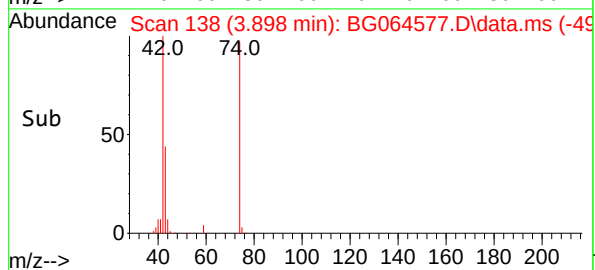
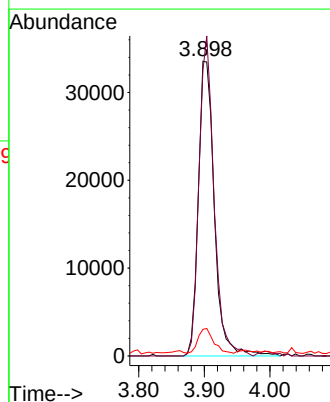
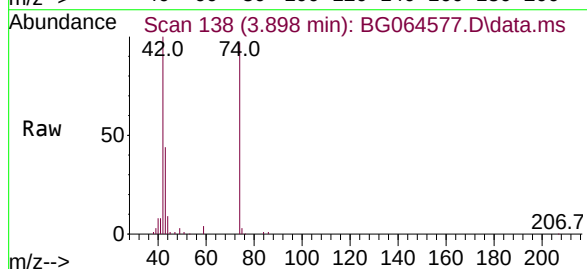
Tgt Ion: 42 Resp: 56903

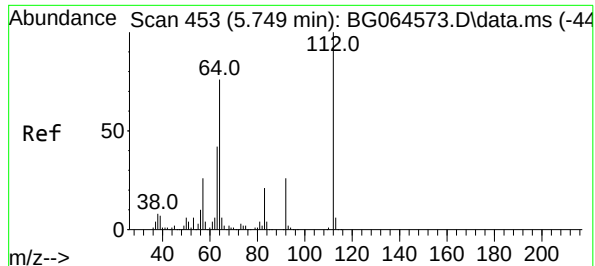
Ion	Ratio	Lower	Upper

42	100		

74	97.0	76.1	114.1

44	9.0	6.3	9.5

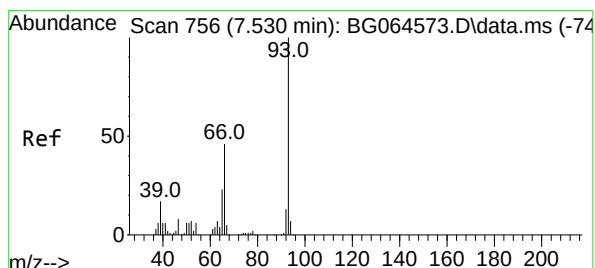
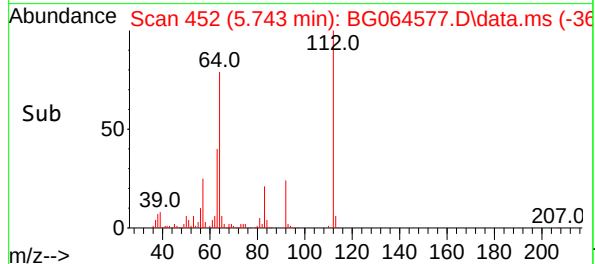
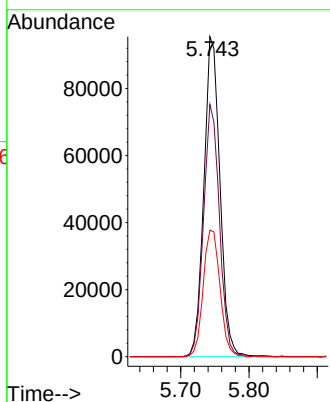
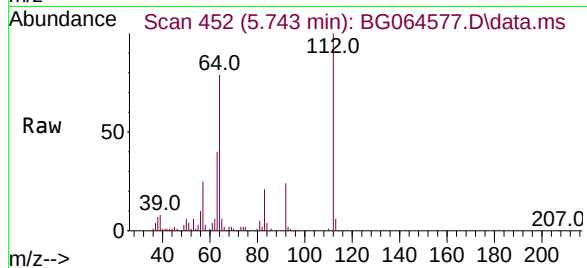




#5
2-Fluorophenol
Concen: 70.535 ng
RT: 5.743 min Scan# 453
Delta R.T. -0.007 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

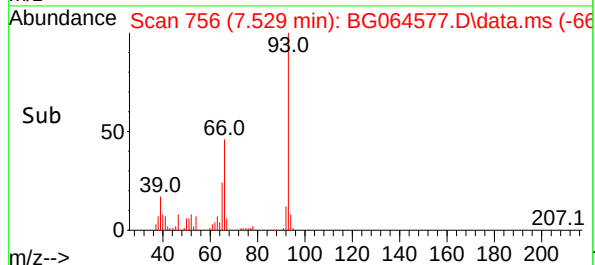
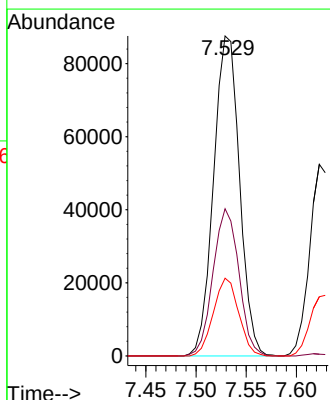
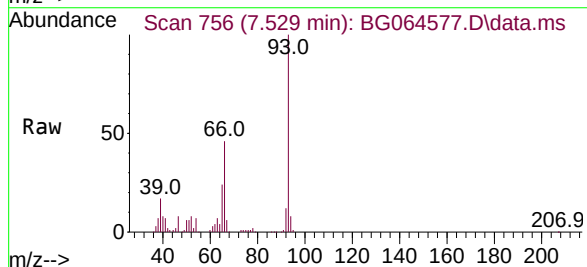
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

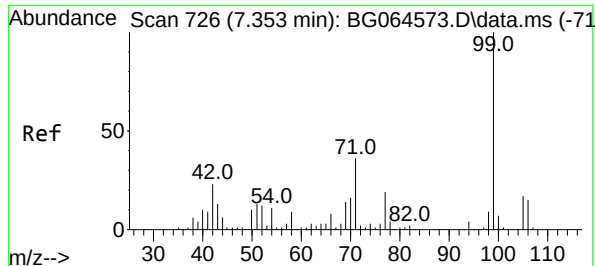
Tgt Ion:112 Resp: 156266
Ion Ratio Lower Upper
112 100
64 78.8 60.7 91.1
63 39.5 33.4 50.0



#6
Aniline
Concen: 38.118 ng
RT: 7.529 min Scan# 756
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion: 93 Resp: 157683
Ion Ratio Lower Upper
93 100
66 46.0 37.0 55.6
65 24.3 18.3 27.5





#7
Phenol-d6
Concen: 74.109 ng
RT: 7.353 min Scan# 726
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

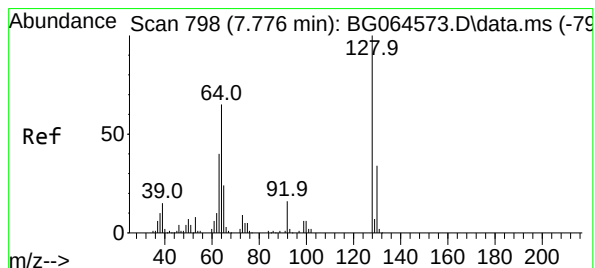
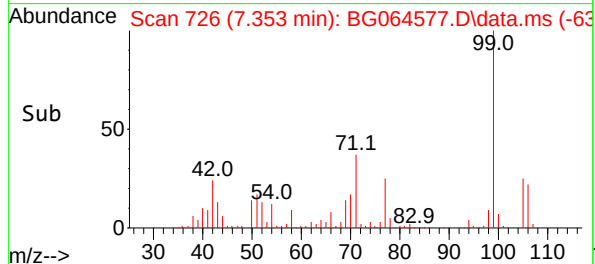
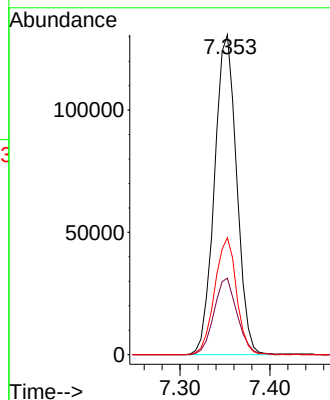
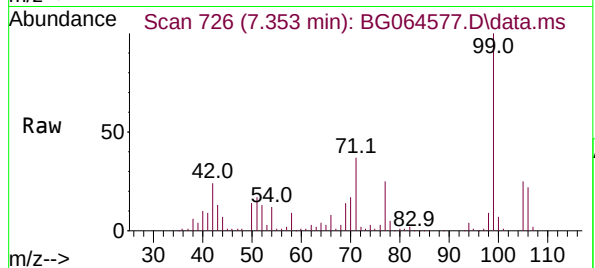
Instrument :

BNA_G

ClientSampleId :

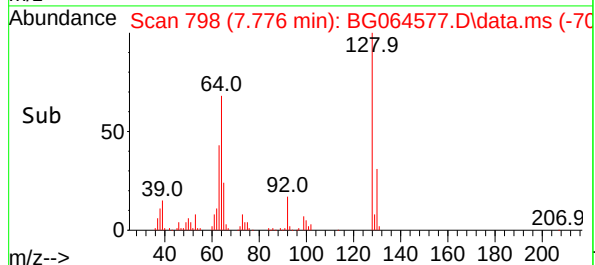
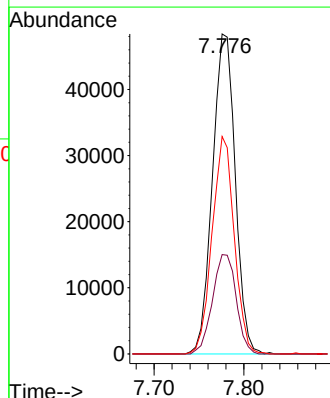
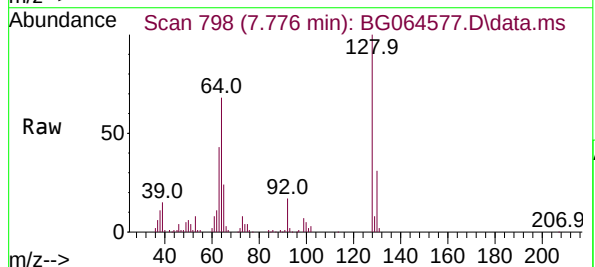
ICVBG102425

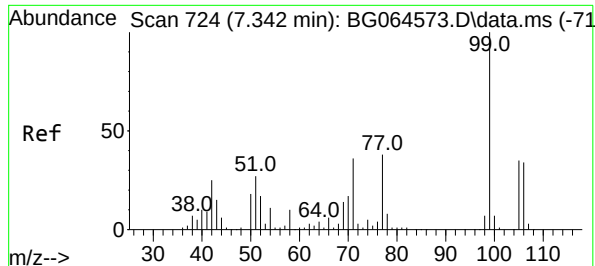
Tgt Ion	Ratio	Lower	Upper
99	100		
42	23.9	18.3	27.5
71	36.5	28.6	43.0



#8
2-Chlorophenol
Concen: 36.981 ng
RT: 7.776 min Scan# 798
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion	Ratio	Lower	Upper
128	100		
130	31.0	13.5	53.5
64	67.9	45.2	85.2

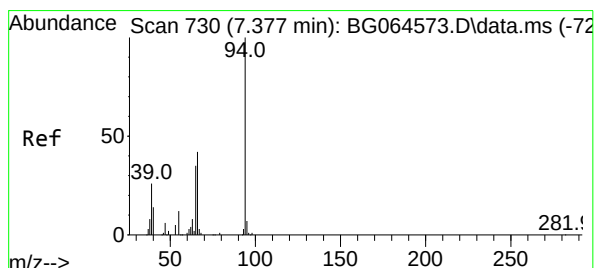
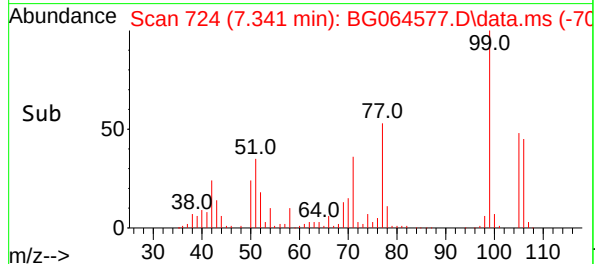
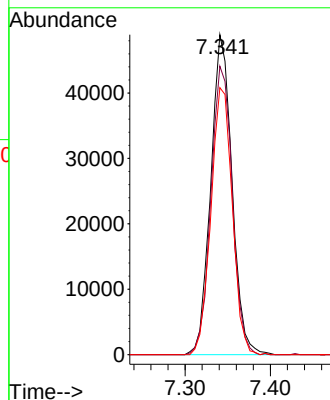
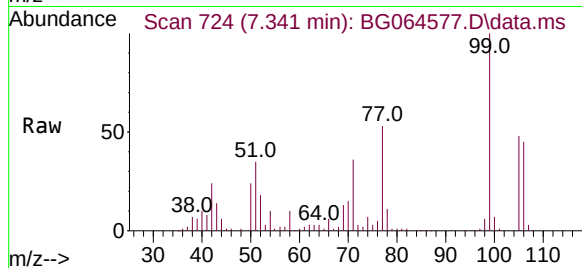




#9
Benzaldehyde
Concen: 50.923 ng
RT: 7.341 min Scan# 71
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

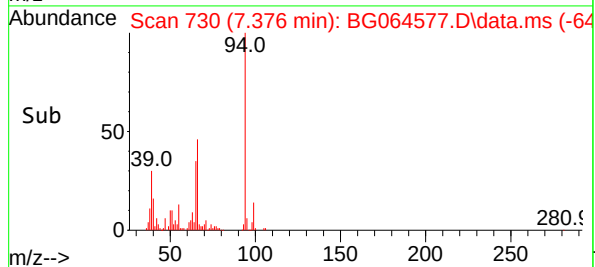
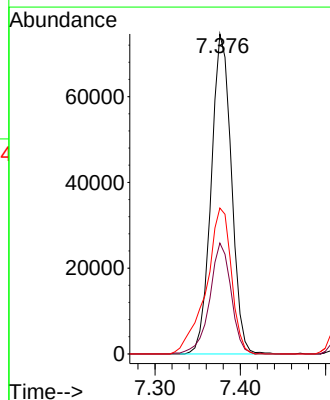
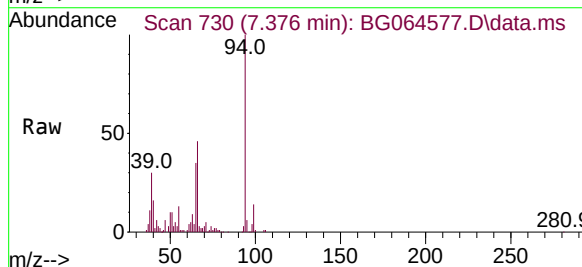
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

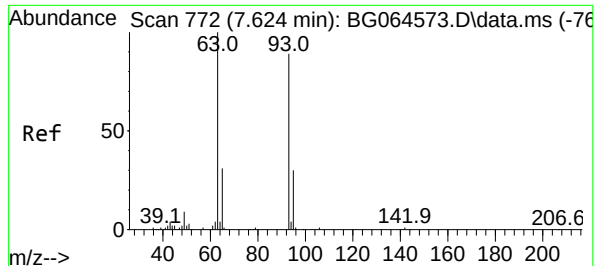
Tgt Ion	Ratio	Lower	Upper
77	100		
105	90.1	72.9	112.9
106	83.4	70.8	110.8



#10
Phenol
Concen: 36.410 ng
RT: 7.376 min Scan# 730
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.6	15.8	55.8
66	45.6	24.0	64.0

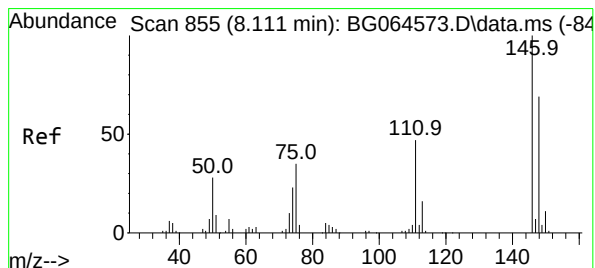
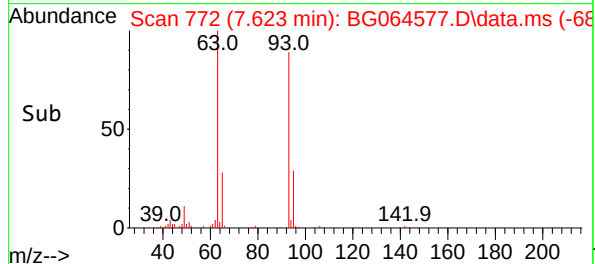
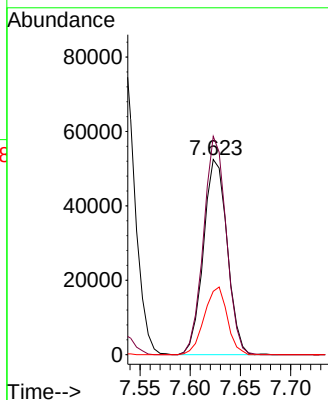
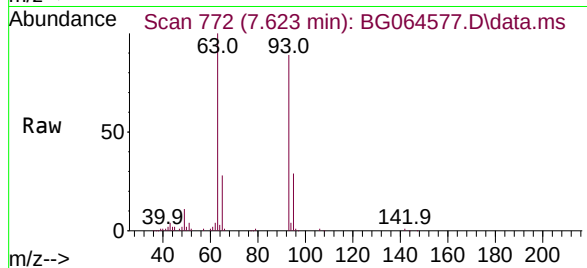




#11
bis(2-chloroethyl)ether
Concen: 34.973 ng
RT: 7.623 min Scan# 71
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

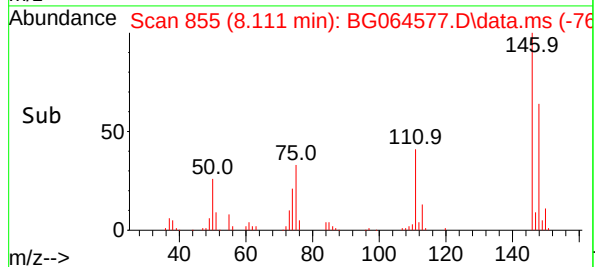
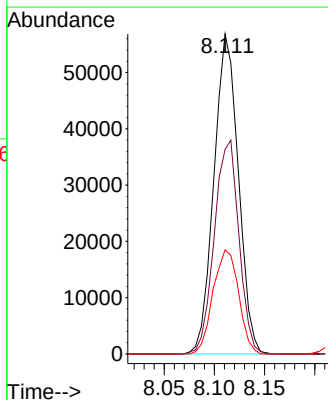
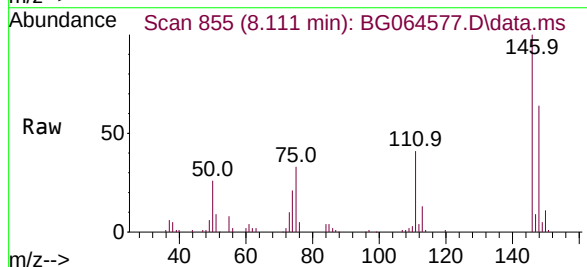
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

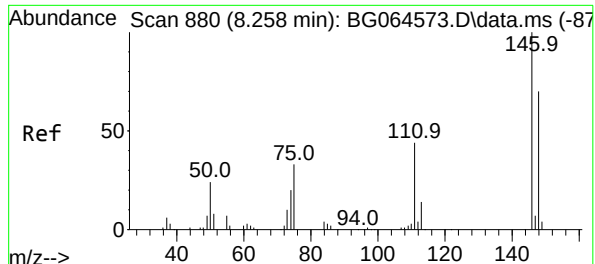
Tgt Ion: 93 Resp: 86447
Ion Ratio Lower Upper
93 100
63 111.9 91.3 131.3
95 32.5 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 36.085 ng
RT: 8.111 min Scan# 855
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion: 146 Resp: 96308
Ion Ratio Lower Upper
146 100
148 63.9 55.3 82.9
75 32.5 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 37.634 ng

RT: 8.257 min Scan# 880

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

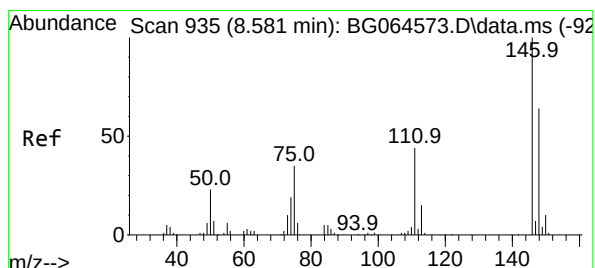
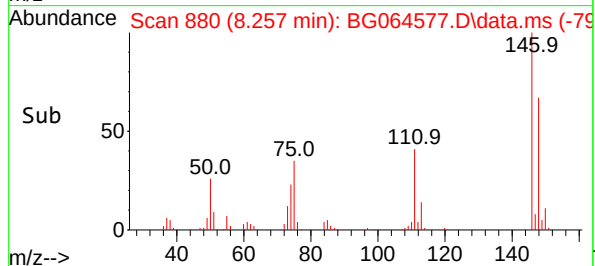
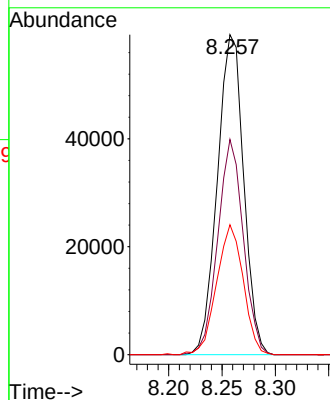
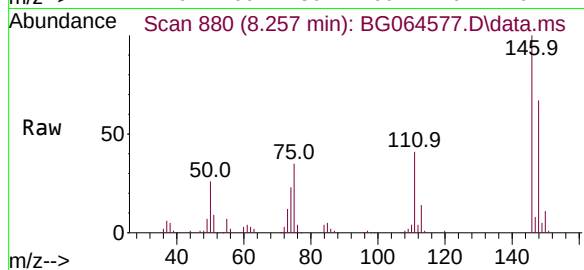
Tgt Ion:146 Resp: 102132

Ion Ratio Lower Upper

146 100

148 67.2 56.2 84.4

111 40.6 35.4 53.0



#14

1,2-Dichlorobenzene

Concen: 36.924 ng

RT: 8.581 min Scan# 935

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

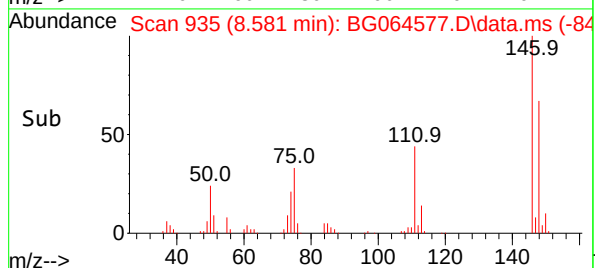
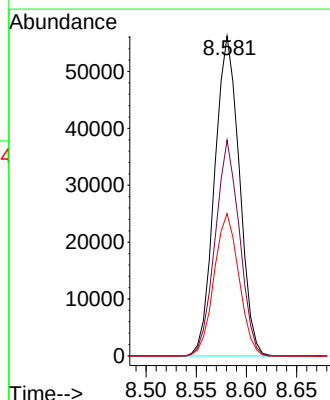
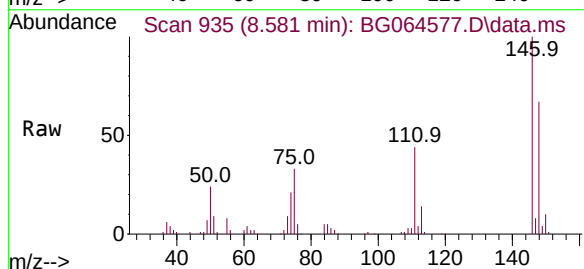
Tgt Ion:146 Resp: 96651

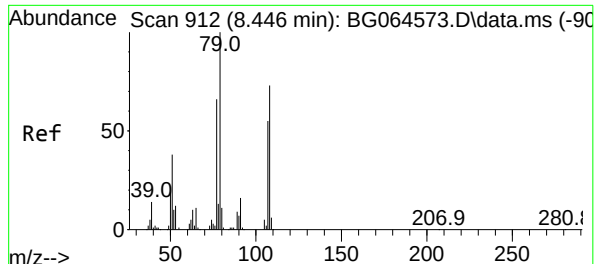
Ion Ratio Lower Upper

146 100

148 67.4 51.5 77.3

111 44.5 35.0 52.6





#15

Benzyl Alcohol

Concen: 37.995 ng

RT: 8.445 min Scan# 912

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

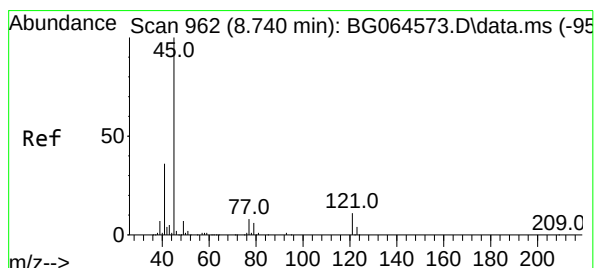
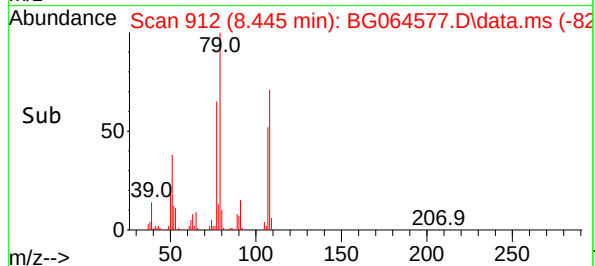
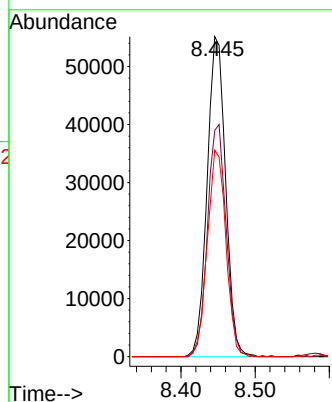
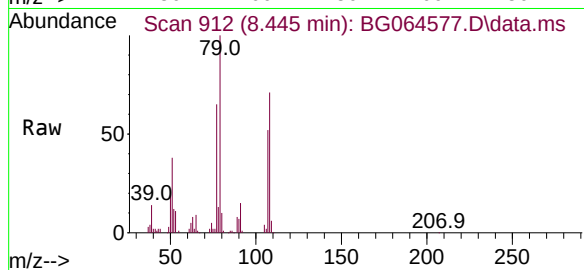
BNA_G

ClientSampleId :

ICVBG102425

Tgt Ion: 79 Resp: 95250

Ion	Ratio	Lower	Upper
79	100		
108	70.7	58.1	87.1
77	64.5	52.8	79.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.163 ng

RT: 8.745 min Scan# 963

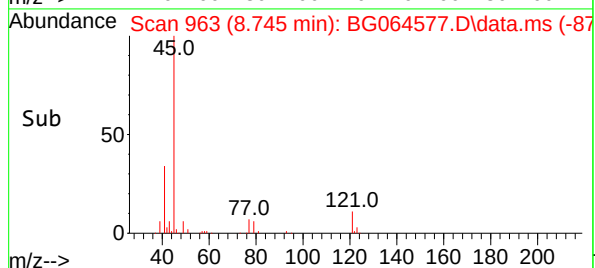
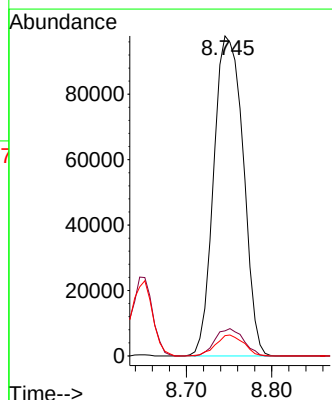
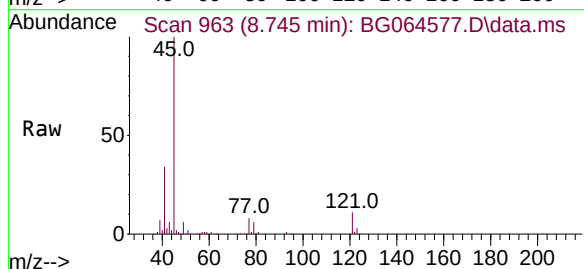
Delta R.T. 0.005 min

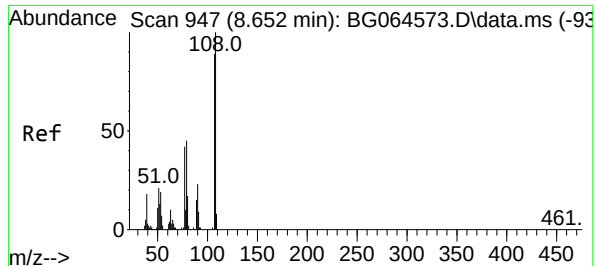
Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Tgt Ion: 45 Resp: 234476

Ion	Ratio	Lower	Upper
45	100		
77	7.8	0.0	28.5
79	6.3	0.0	25.6





#17

2-Methylphenol

Concen: 38.466 ng

RT: 8.651 min Scan# 94

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

Tgt Ion:107 Resp: 85863

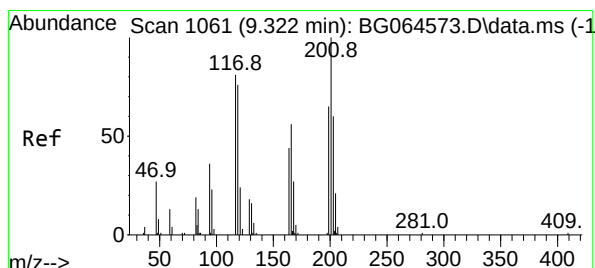
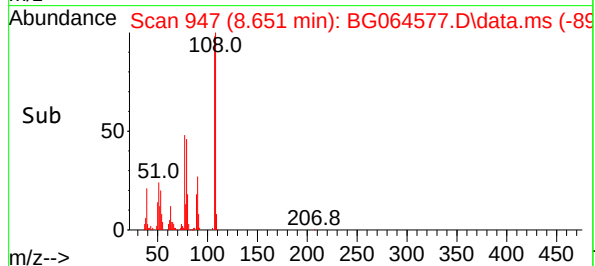
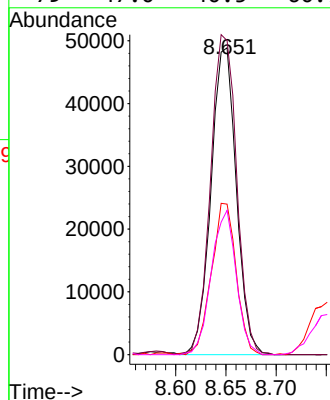
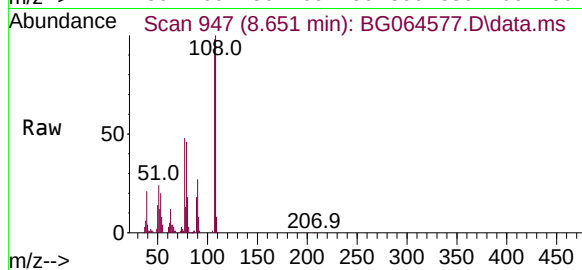
Ion Ratio Lower Upper

107 100

108 102.3 90.0 135.0

77 49.0 37.8 56.8

79 47.0 40.5 60.7



#18

Hexachloroethane

Concen: 35.743 ng

RT: 9.327 min Scan# 1062

Delta R.T. 0.005 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

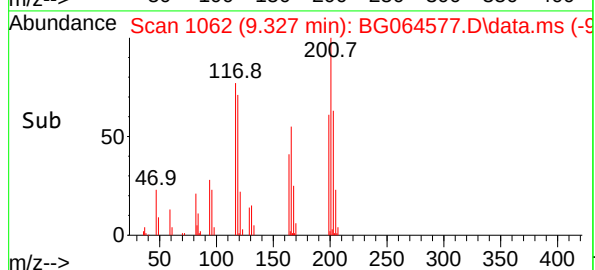
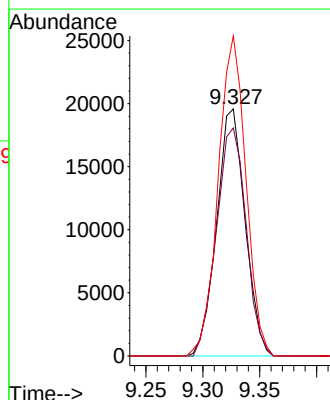
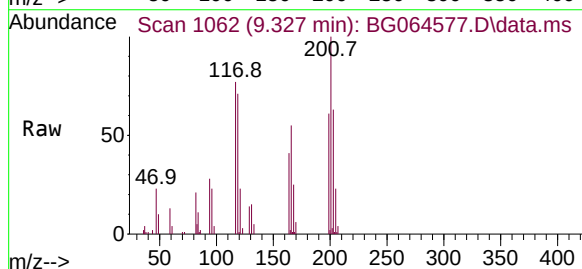
Tgt Ion:117 Resp: 34040

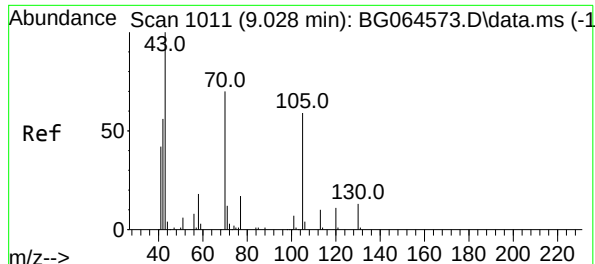
Ion Ratio Lower Upper

117 100

119 92.3 75.4 113.2

201 129.6 99.2 148.8





#19

n-Nitroso-di-n-propylamine

Concen: 39.572 ng

RT: 9.027 min Scan# 1011

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

Tgt Ion: 70 Resp: 83140

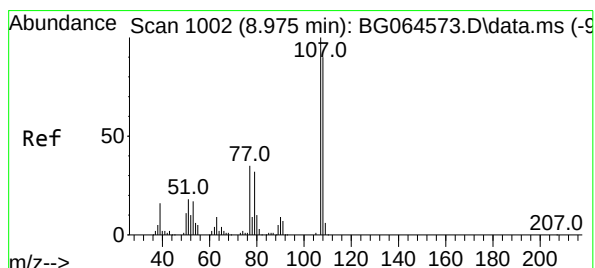
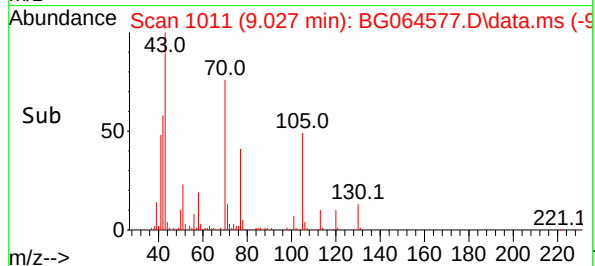
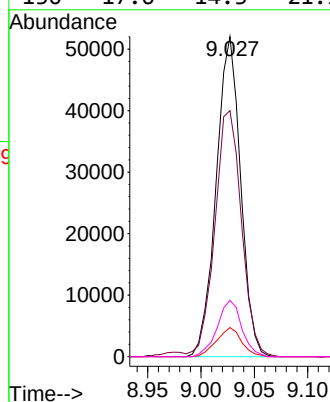
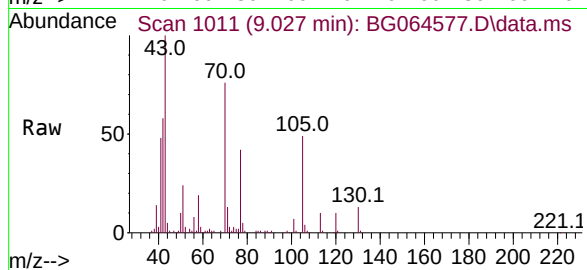
Ion Ratio Lower Upper

70 100

42 76.9 65.2 97.8

101 9.1 7.9 11.9

130 17.6 14.3 21.5



#20

3+4-Methylphenols

Concen: 37.882 ng

RT: 8.974 min Scan# 1002

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Tgt Ion:107 Resp: 118917

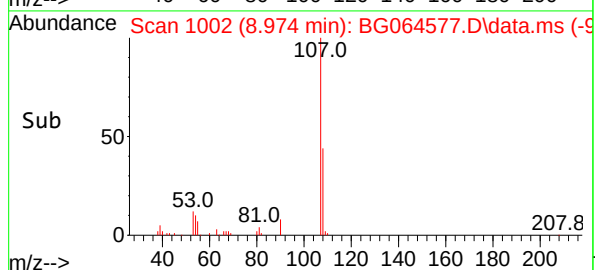
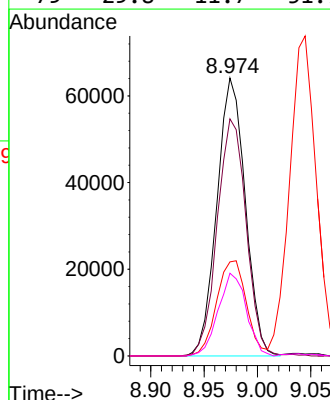
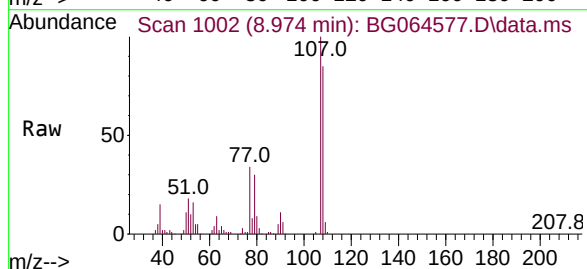
Ion Ratio Lower Upper

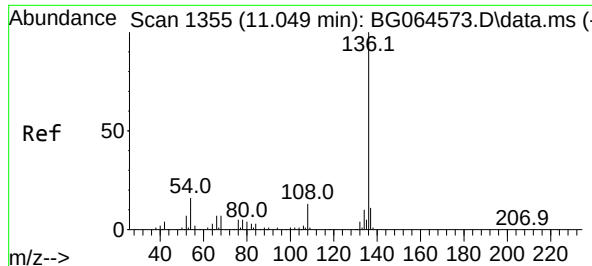
107 100

108 85.3 70.3 110.3

77 33.8 14.6 54.6

79 29.8 11.7 51.7

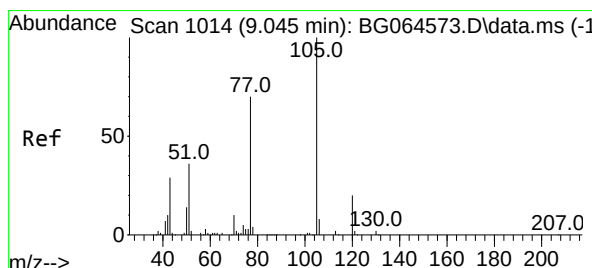
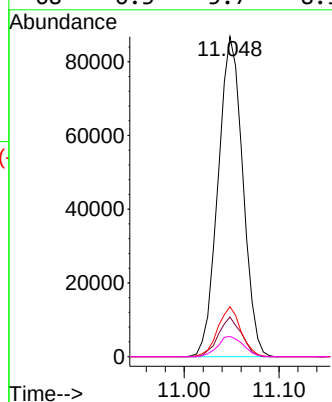
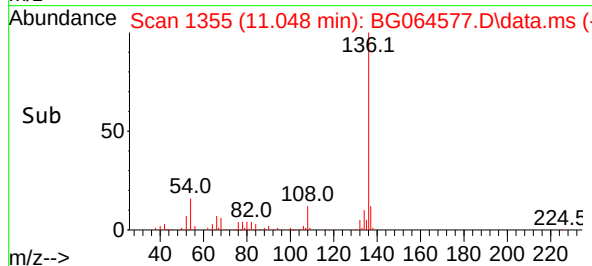
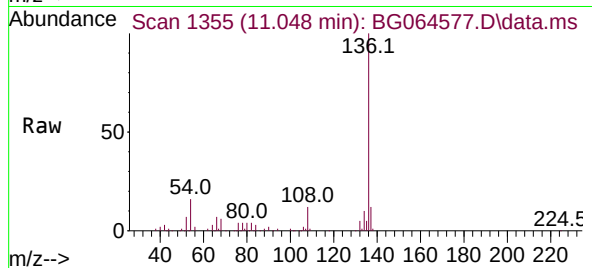




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.048 min Scan# 1355
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

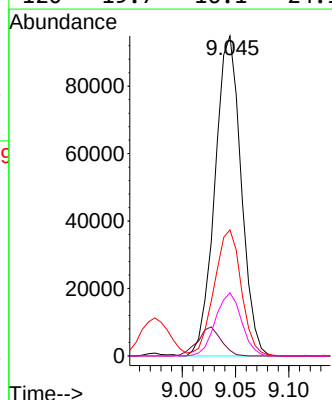
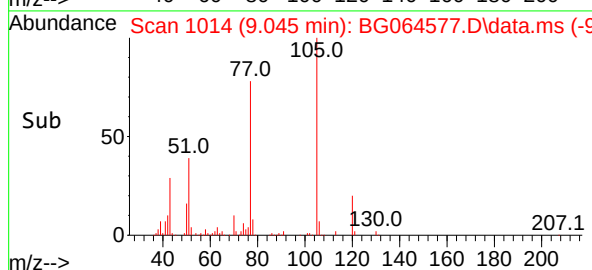
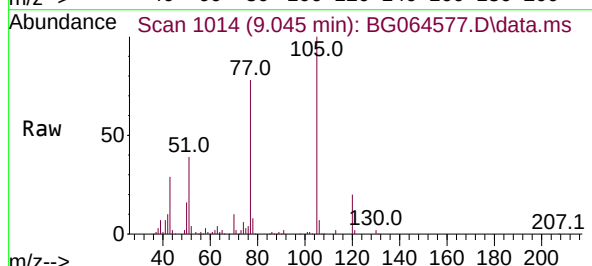
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

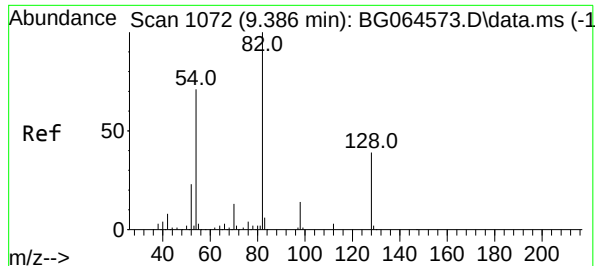
Tgt Ion:	136	Resp:	157125
Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.2	13.8
54	15.6	12.6	19.0
68	6.3	5.7	8.5



#22
Acetophenone
Concen: 37.806 ng
RT: 9.045 min Scan# 1014
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:	105	Resp:	162385
Ion	Ratio	Lower	Upper
105	100		
71	1.7	1.5	2.3
51	39.4	33.7	50.5
120	19.7	16.1	24.1





#23

Nitrobenzene-d5

Concen: 76.738 ng

RT: 9.386 min Scan# 1072

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

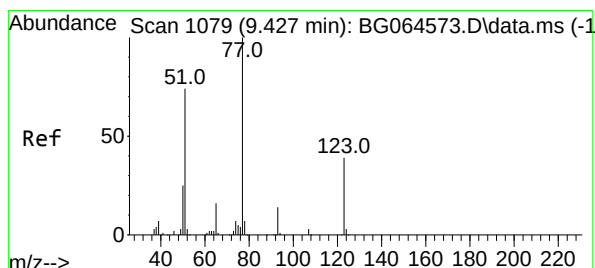
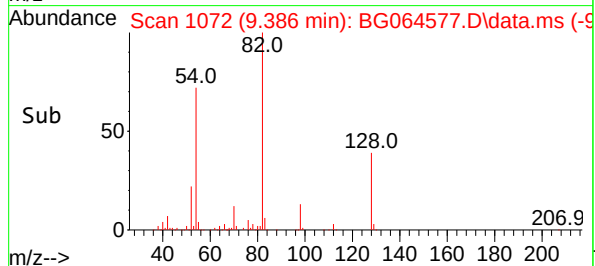
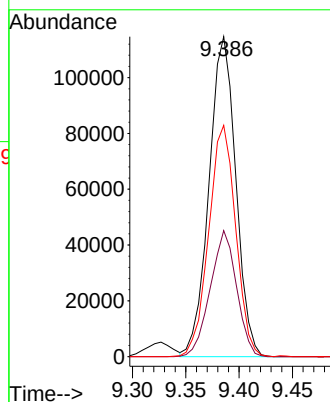
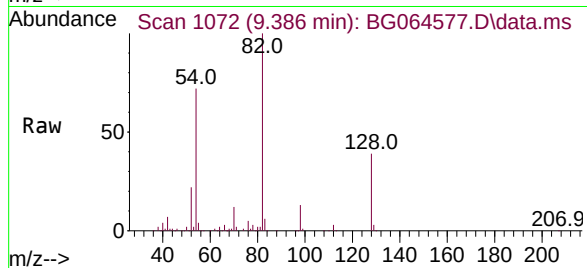
Tgt Ion: 82 Resp: 200749

Ion Ratio Lower Upper

82 100

128 39.4 31.3 46.9

54 72.3 56.6 84.8



#24

Nitrobenzene

Concen: 39.305 ng

RT: 9.427 min Scan# 1079

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

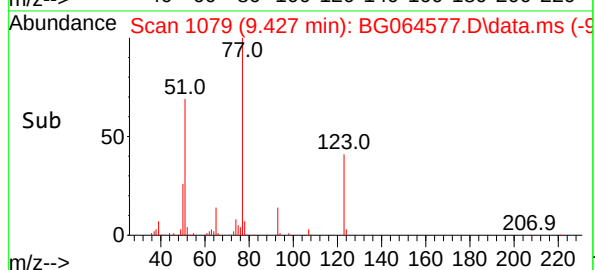
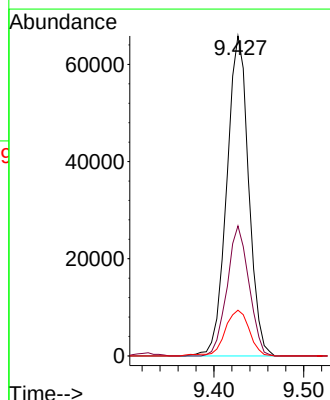
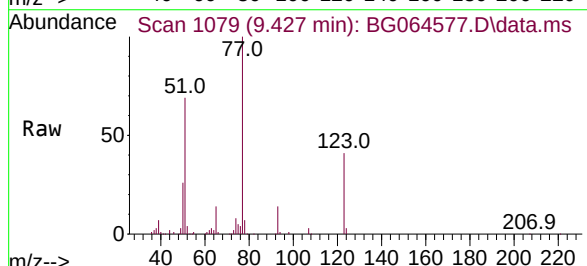
Tgt Ion: 77 Resp: 111836

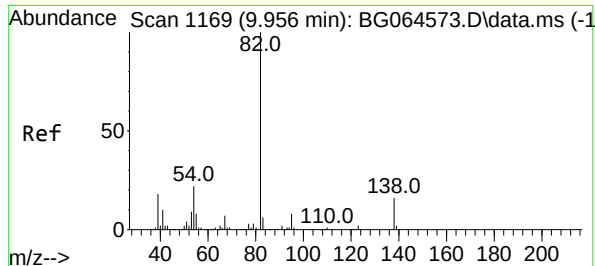
Ion Ratio Lower Upper

77 100

123 40.6 31.0 46.6

65 14.3 12.7 19.1

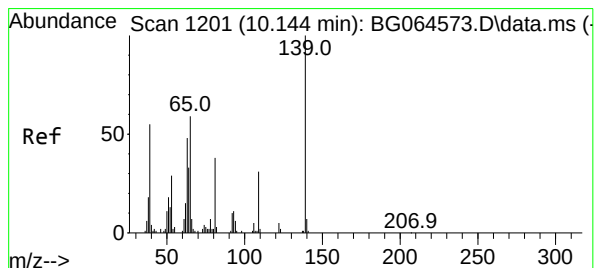
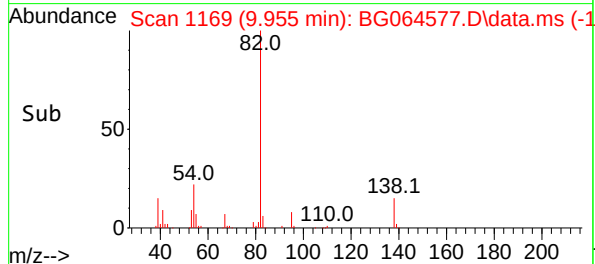
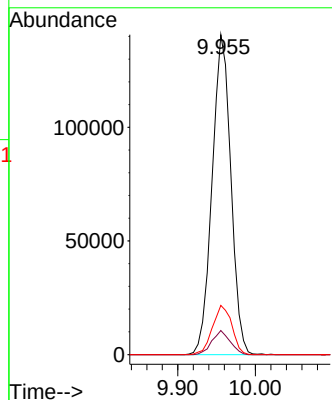
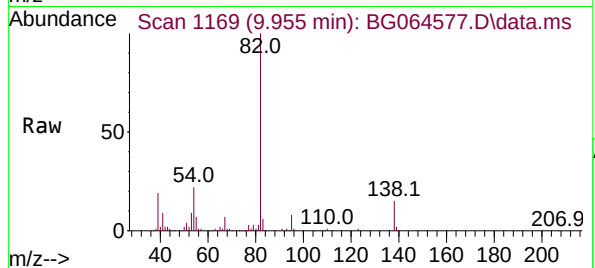




#25
Isophorone
Concen: 37.733 ng
RT: 9.955 min Scan# 1169
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

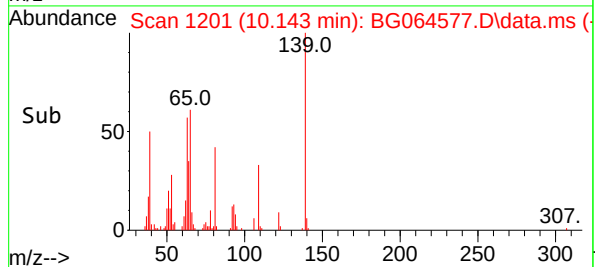
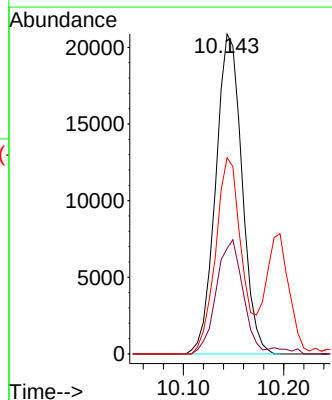
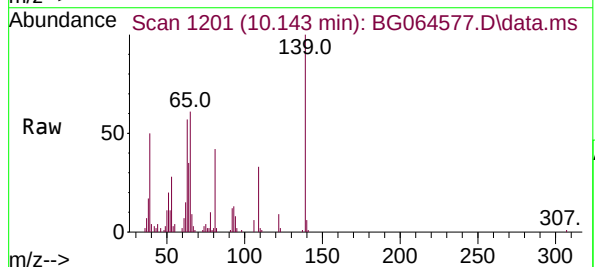
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

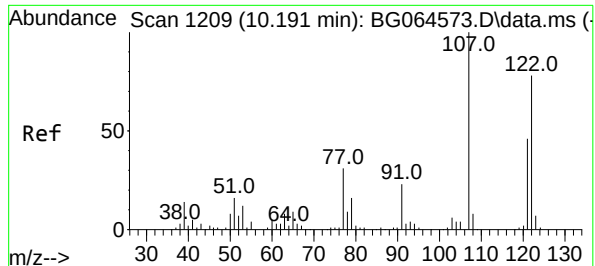
Tgt Ion: 82 Resp: 236860
Ion Ratio Lower Upper
82 100
95 7.5 6.1 9.1
138 15.4 13.0 19.4



#26
2-Nitrophenol
Concen: 35.498 ng
RT: 10.143 min Scan# 1201
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion: 139 Resp: 38013
Ion Ratio Lower Upper
139 100
109 32.9 24.6 37.0
65 61.3 47.5 71.3

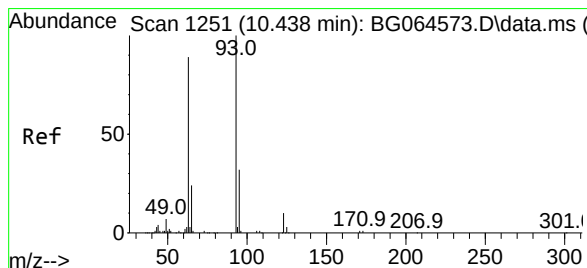
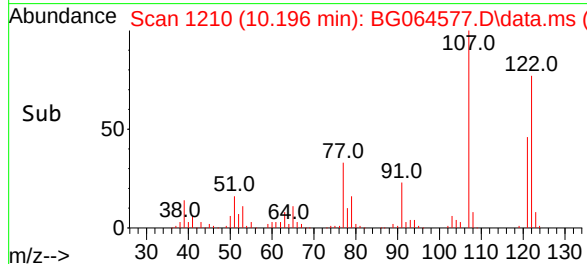
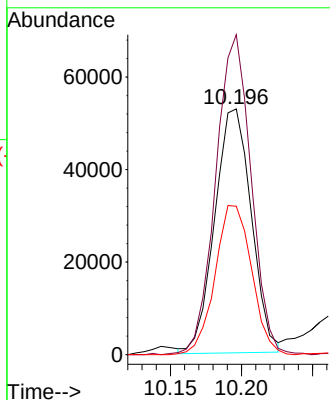
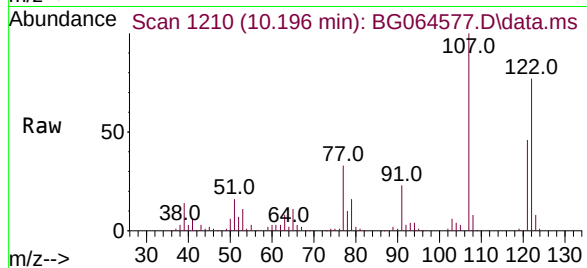




#27
2,4-Dimethylphenol
Concen: 40.491 ng
RT: 10.196 min Scan# 1210
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

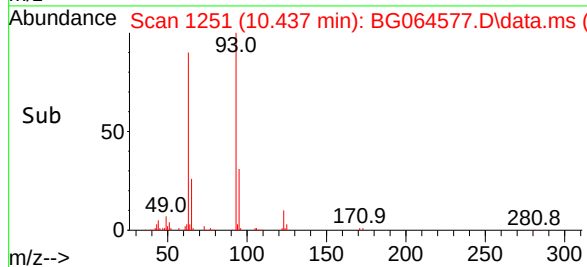
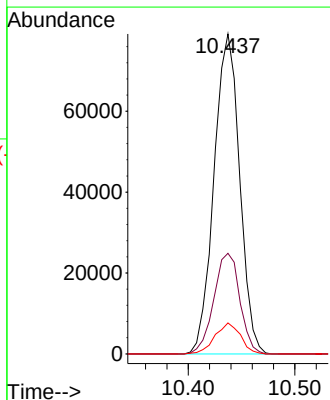
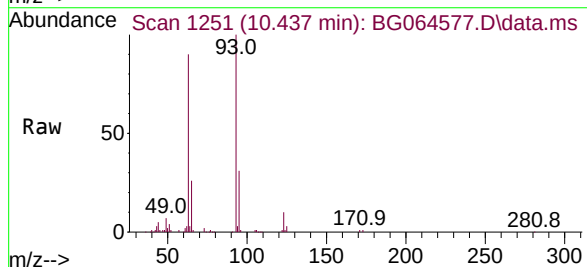
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

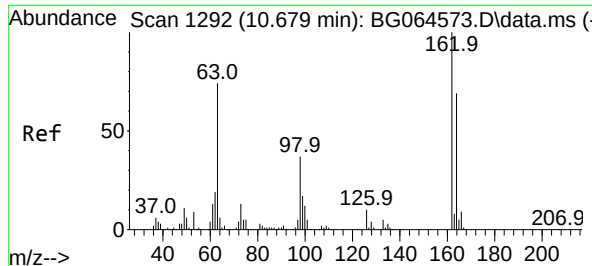
Tgt Ion	Ratio	Lower	Upper
122	100		
107	130.3	103.0	154.4
121	60.4	47.8	71.8



#28
bis(2-Chloroethoxy)methane
Concen: 36.953 ng
RT: 10.437 min Scan# 1251
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.4	25.4	38.2
123	9.7	8.4	12.6





#29

2,4-Dichlorophenol

Concen: 38.190 ng

RT: 10.684 min Scan# 1292

Delta R.T. 0.005 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

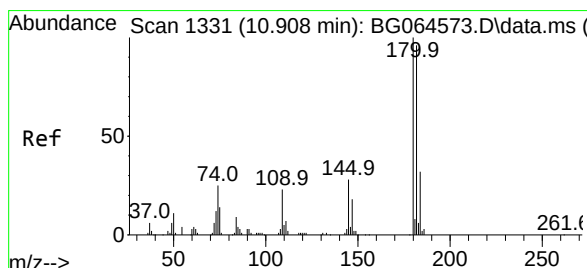
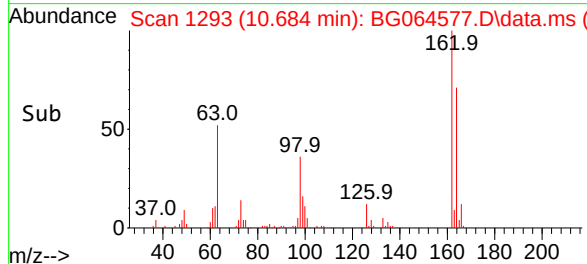
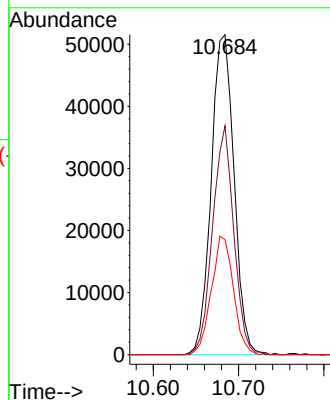
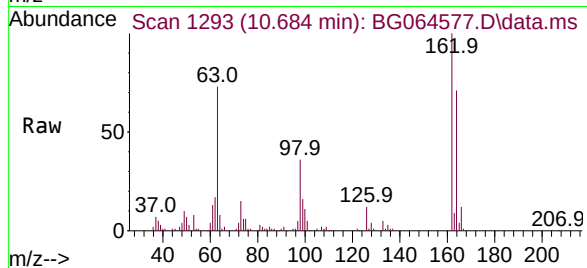
Tgt Ion:162 Resp: 95966

Ion Ratio Lower Upper

162 100

164 71.5 48.7 88.7

98 35.9 16.9 56.9



#30

1,2,4-Trichlorobenzene

Concen: 37.945 ng

RT: 10.907 min Scan# 1331

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

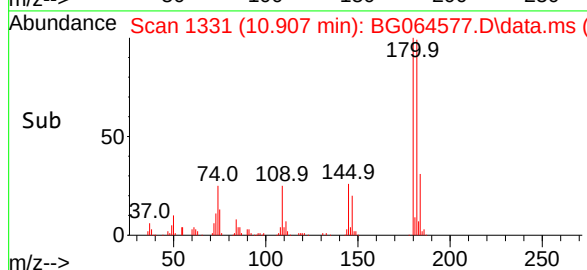
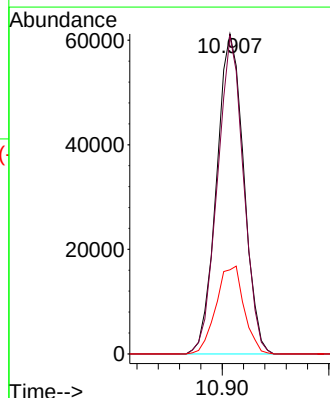
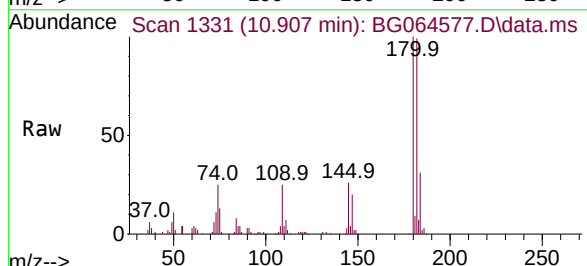
Tgt Ion:180 Resp: 108339

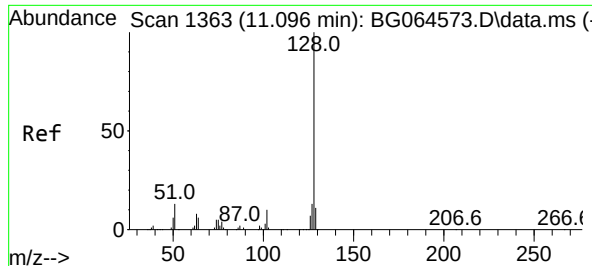
Ion Ratio Lower Upper

180 100

182 99.3 76.9 115.3

145 26.3 22.1 33.1

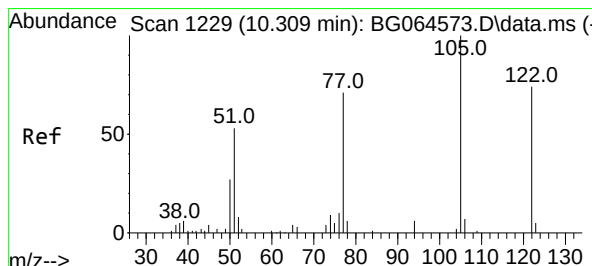
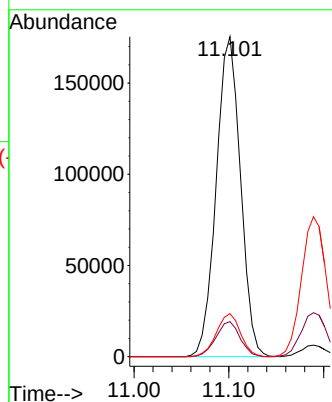
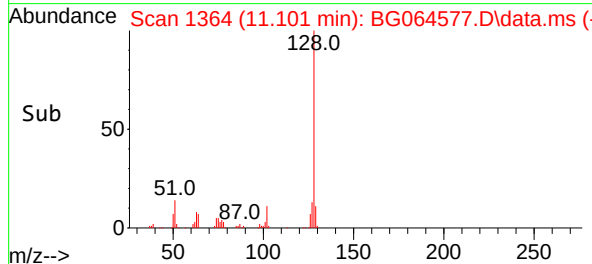
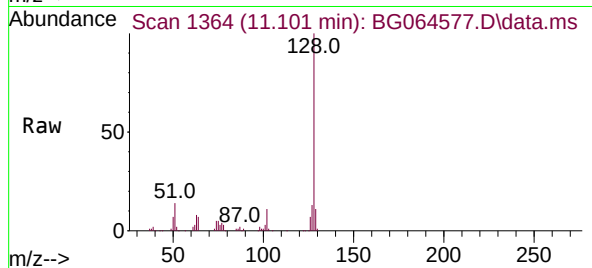




#31
Naphthalene
Concen: 35.709 ng
RT: 11.101 min Scan# 1364
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

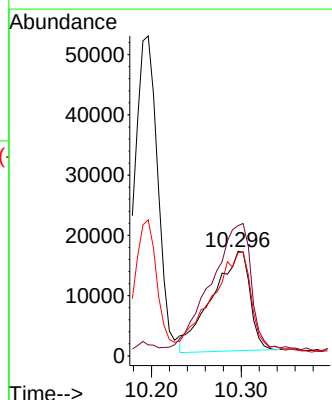
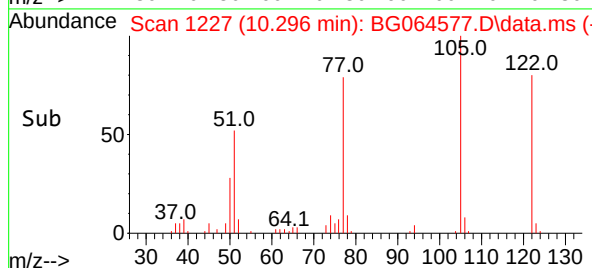
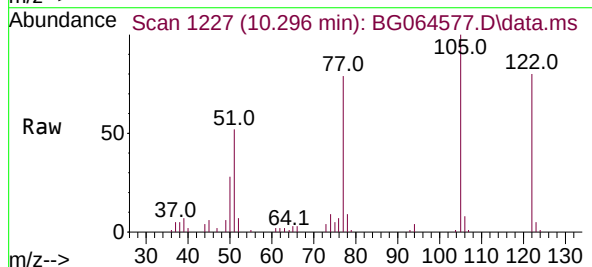
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

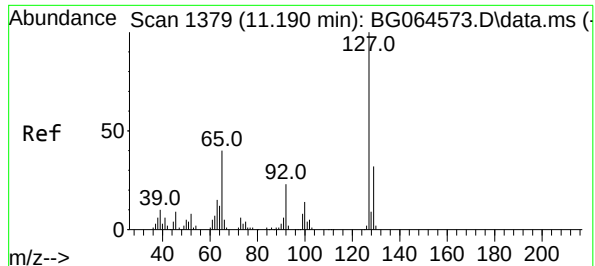
Tgt Ion:128 Resp: 311084
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.4 10.6 15.8



#32
Benzoic acid
Concen: 29.620 ng
RT: 10.296 min Scan# 1227
Delta R.T. -0.013 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:122 Resp: 48162
Ion Ratio Lower Upper
122 100
105 124.6 104.2 144.2
77 98.8 70.2 110.2

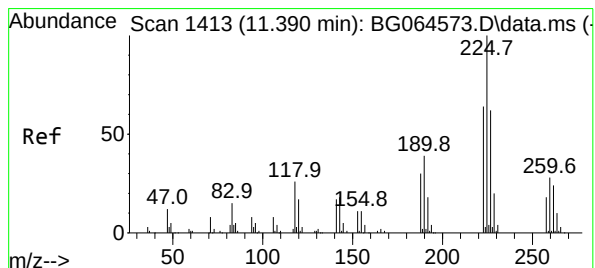
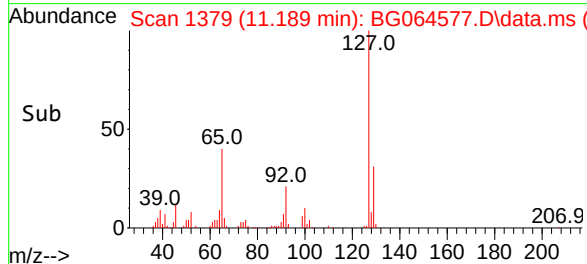
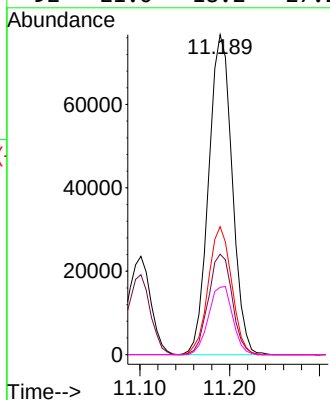
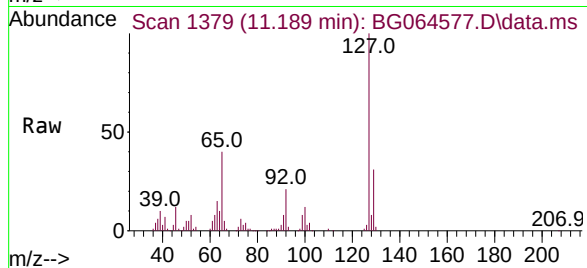




#33
4-Chloroaniline
Concen: 41.287 ng
RT: 11.189 min Scan# 1379
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

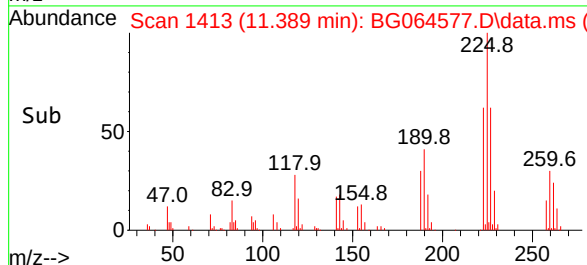
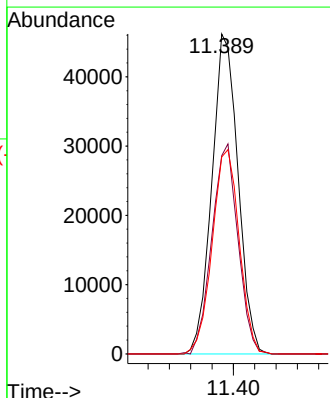
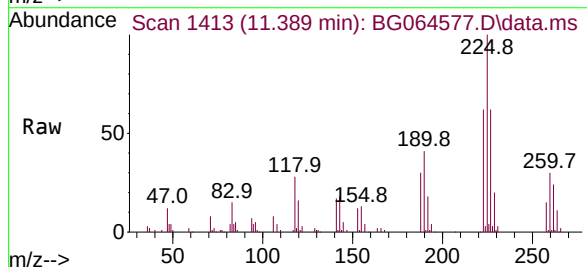
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

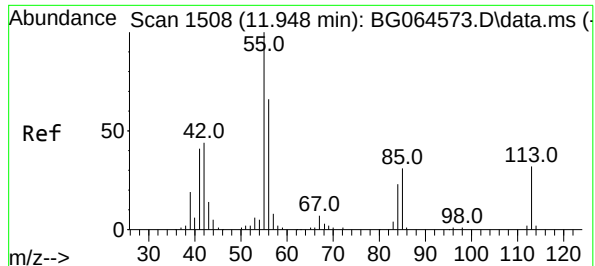
Tgt Ion:	127	Resp:	139799
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.5	38.3
65	40.0	32.2	48.4
92	21.0	18.2	27.2



#34
Hexachlorobutadiene
Concen: 35.242 ng
RT: 11.389 min Scan# 1413
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:	225	Resp:	78691
Ion	Ratio	Lower	Upper
225	100		
223	59.7	48.8	73.2
227	59.3	49.5	74.3

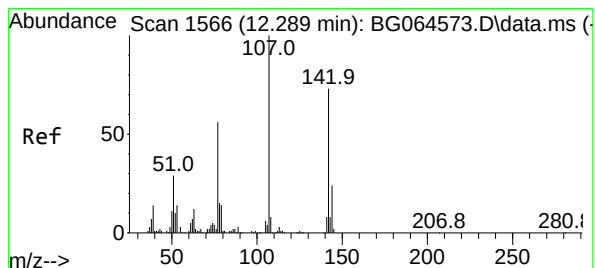
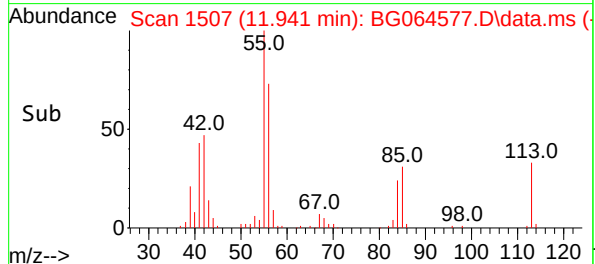
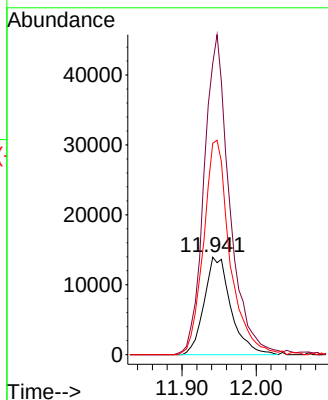
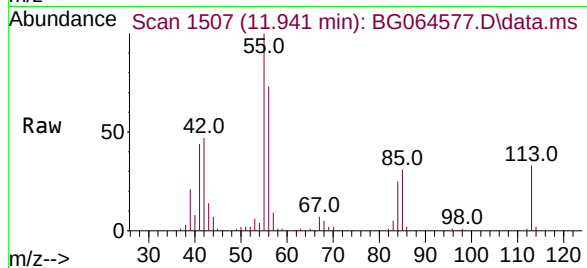




#35
Caprolactam
Concen: 36.326 ng
RT: 11.941 min Scan# 1507
Delta R.T. -0.007 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

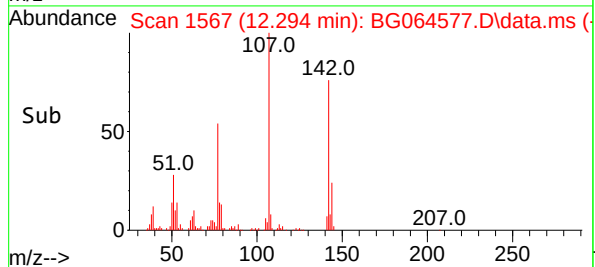
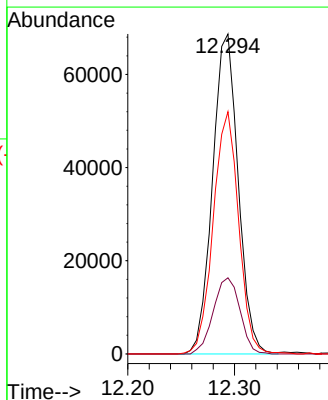
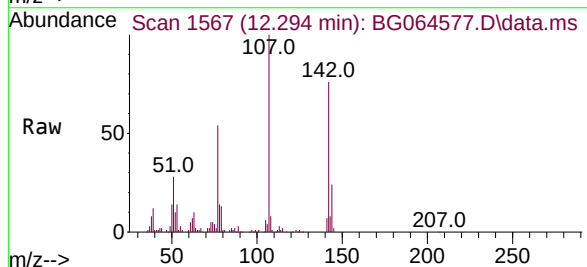
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

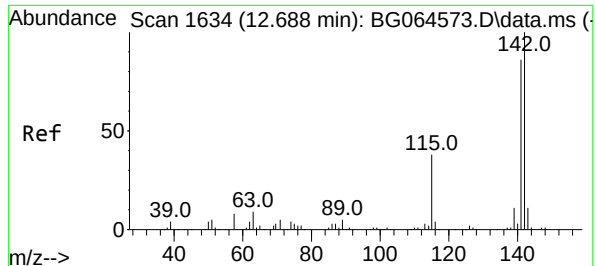
Tgt Ion:	113	Resp:	35011
Ion Ratio	Lower	Upper	
113	100		
55	299.0	290.1	330.1
56	217.0	183.8	223.8



#36
4-Chloro-3-methylphenol
Concen: 38.049 ng
RT: 12.294 min Scan# 1567
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:	107	Resp:	114927
Ion Ratio	Lower	Upper	
107	100		
144	23.8	19.1	28.7
142	75.7	58.6	87.8





#37

2-Methylnaphthalene

Concen: 33.388 ng

RT: 12.693 min Scan# 1635

Delta R.T. 0.005 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

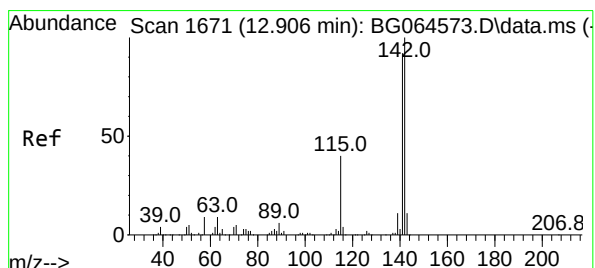
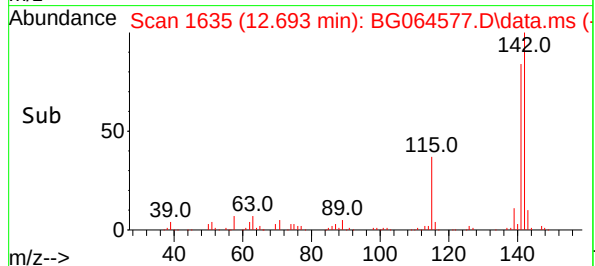
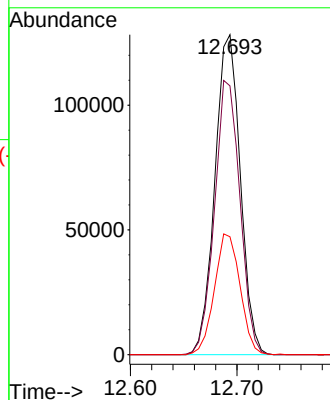
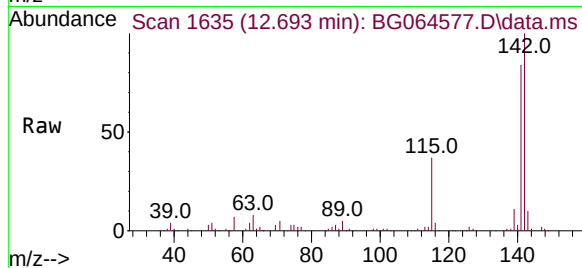
Tgt Ion:142 Resp: 213545

Ion Ratio Lower Upper

142 100

141 84.0 68.9 103.3

115 36.8 30.6 46.0



#38

1-Methylnaphthalene

Concen: 35.513 ng

RT: 12.911 min Scan# 1672

Delta R.T. 0.005 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

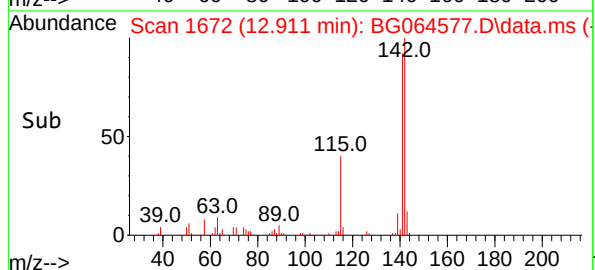
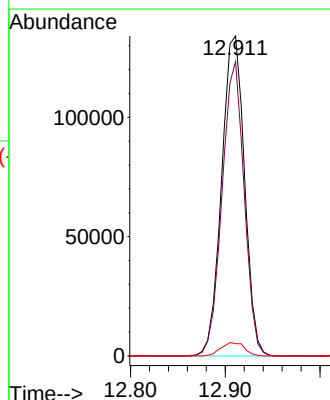
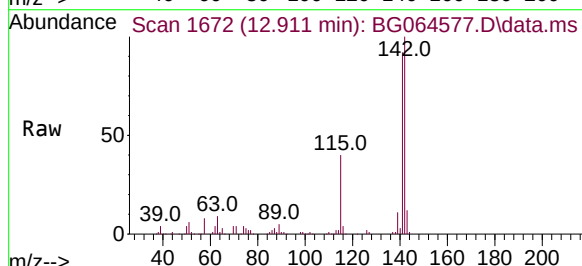
Tgt Ion:142 Resp: 224857

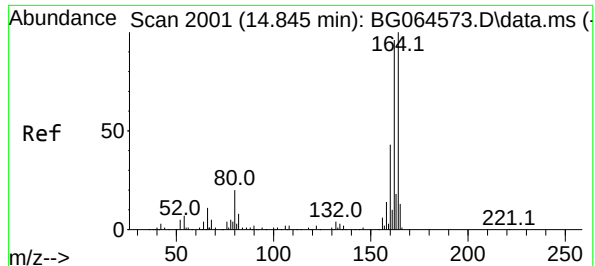
Ion Ratio Lower Upper

142 100

141 91.9 73.3 109.9

116 3.8 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.844 min Scan# 2001

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

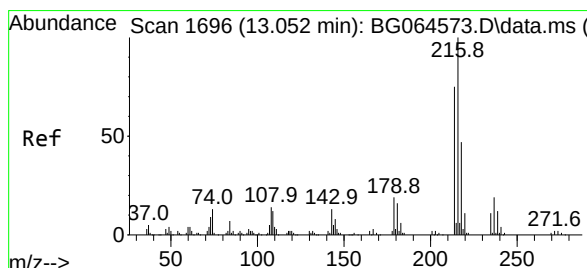
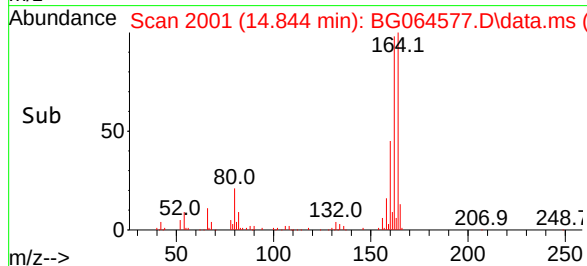
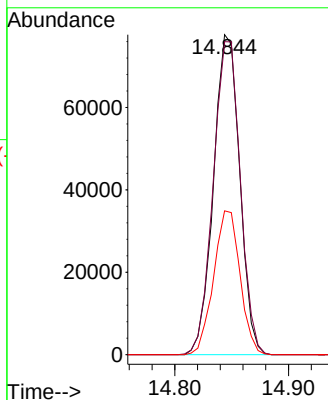
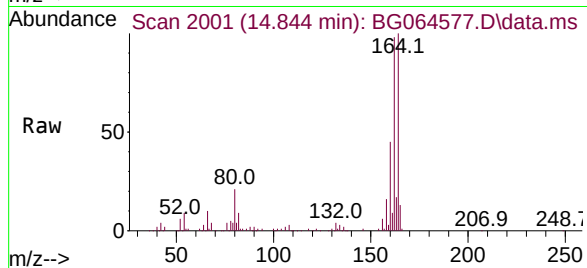
Tgt Ion:164 Resp: 124202

Ion Ratio Lower Upper

164 100

162 97.8 77.0 115.6

160 44.9 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.146 ng

RT: 13.052 min Scan# 1696

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Tgt Ion:216 Resp: 154838

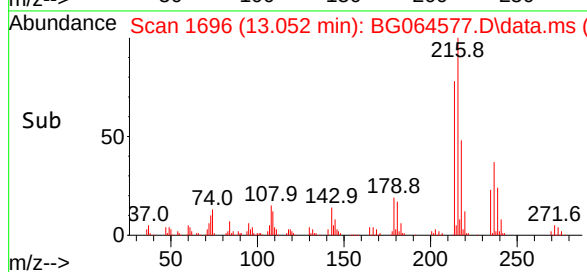
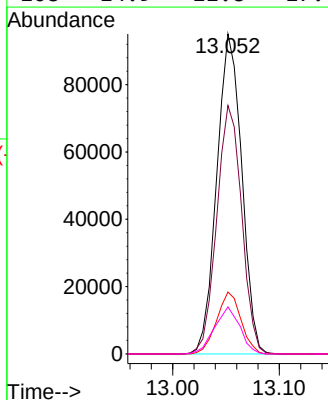
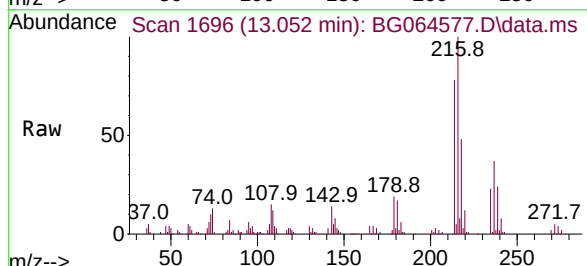
Ion Ratio Lower Upper

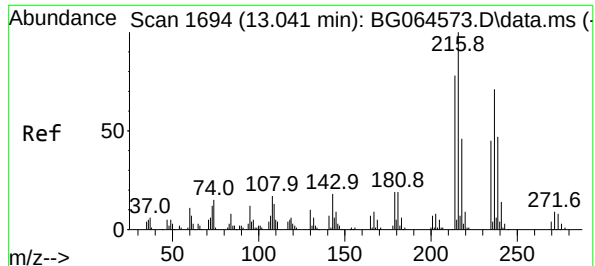
216 100

214 77.4 61.4 92.2

179 18.9 15.4 23.0

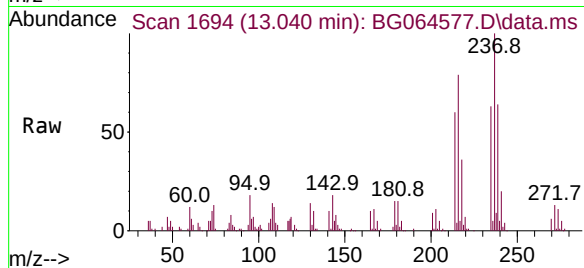
108 14.9 11.8 17.6



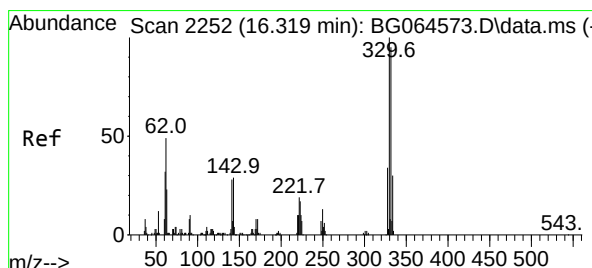
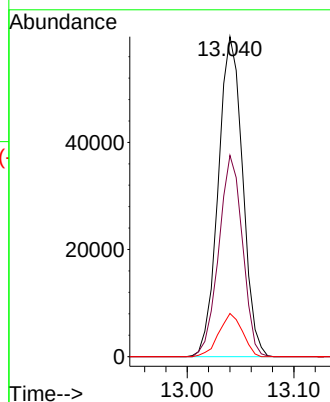
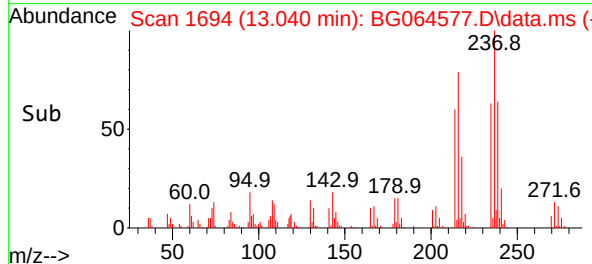


#41
Hexachlorocyclopentadiene
Concen: 50.669 ng
RT: 13.040 min Scan# 1694
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

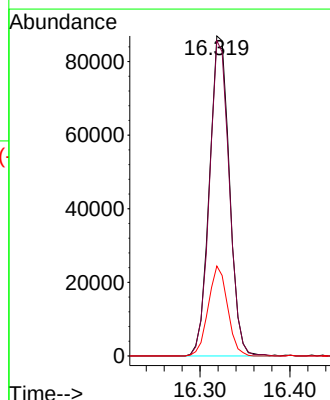
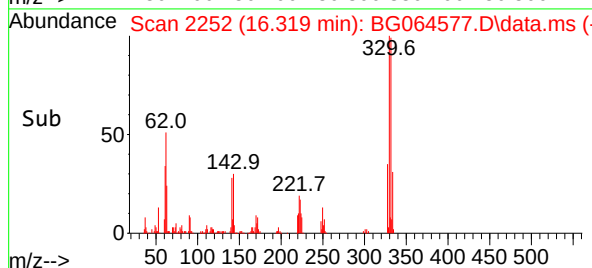
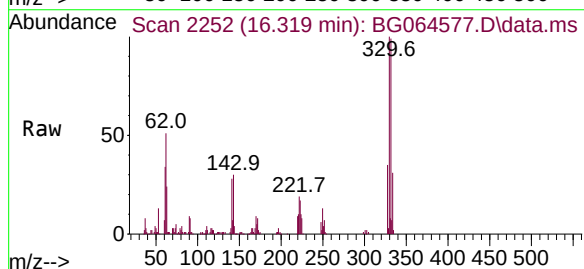


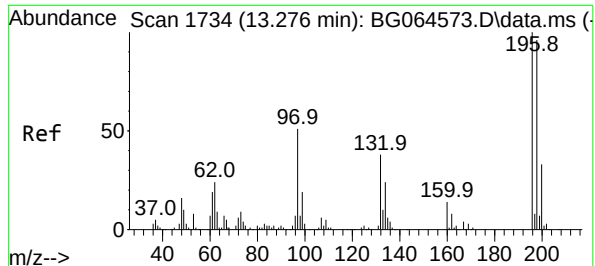
Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.9	44.1	84.1
272	13.5	0.0	32.4



#42
2,4,6-Tribromophenol
Concen: 75.074 ng
RT: 16.319 min Scan# 2252
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.0	117.0
141	27.0	21.8	32.6





#43

2,4,6-Trichlorophenol

Concen: 38.726 ng

RT: 13.281 min Scan# 1735

Delta R.T. 0.005 min

Lab File: BG064577.D

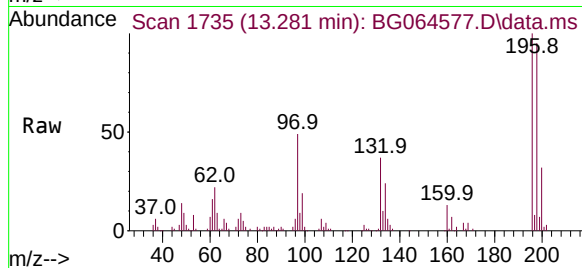
Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425



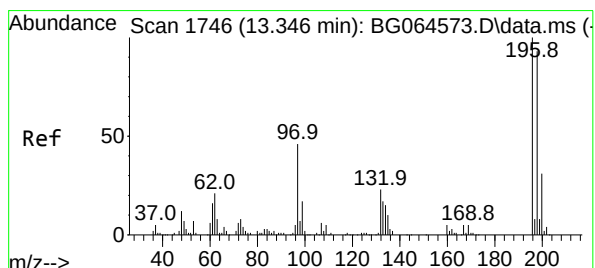
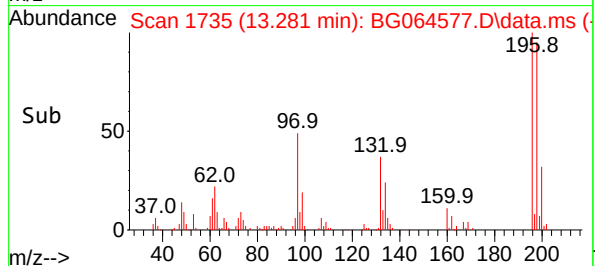
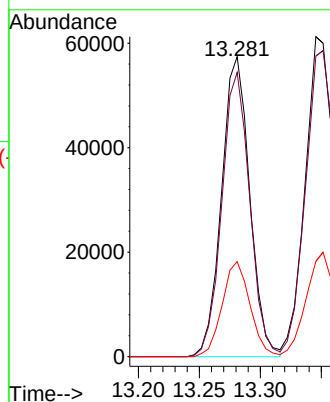
Tgt Ion:196 Resp: 92335

Ion Ratio Lower Upper

196 100

198 94.8 76.6 115.0

200 31.7 26.0 39.0



#44

2,4,5-Trichlorophenol

Concen: 37.228 ng

RT: 13.346 min Scan# 1746

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Tgt Ion:196 Resp: 102433

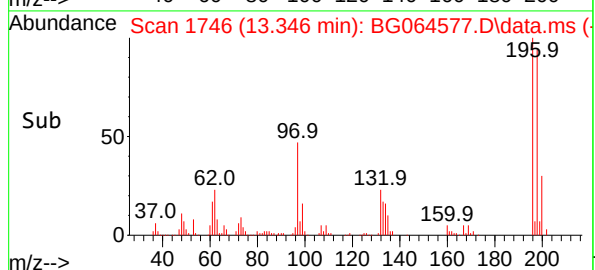
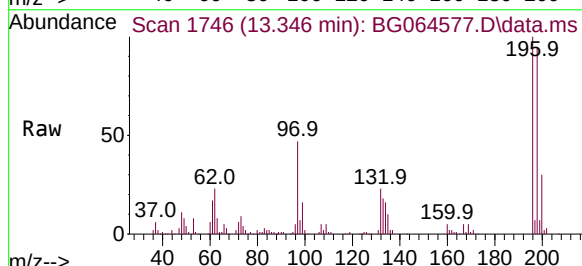
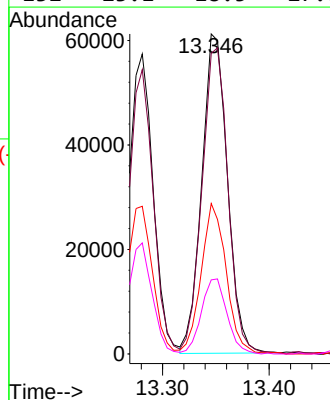
Ion Ratio Lower Upper

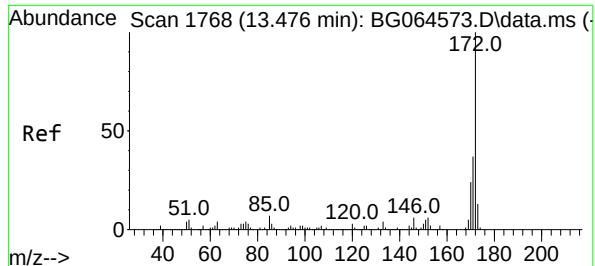
196 100

198 93.9 74.2 111.4

97 47.0 37.0 55.6

132 23.1 18.5 27.7

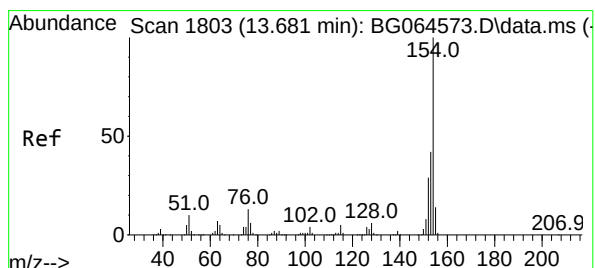
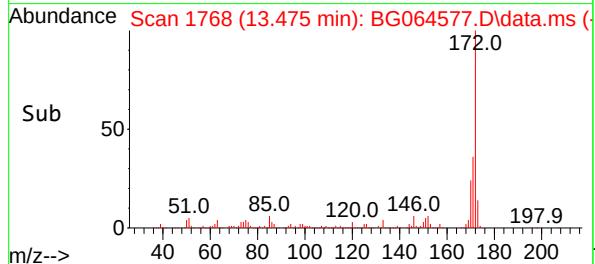
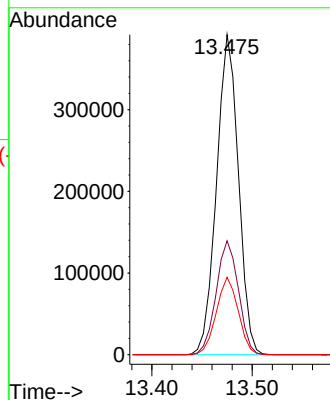
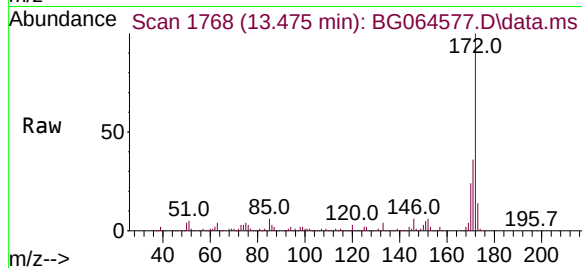




#45
2-Fluorobiphenyl
Concen: 72.599 ng
RT: 13.475 min Scan# 1768
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

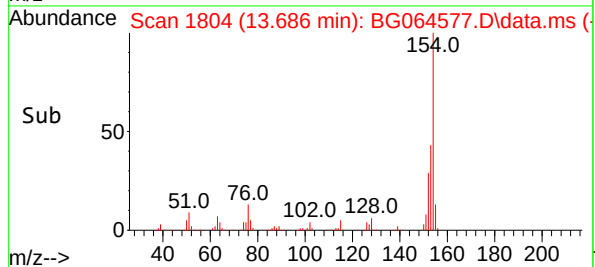
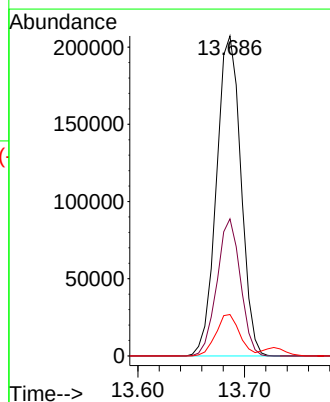
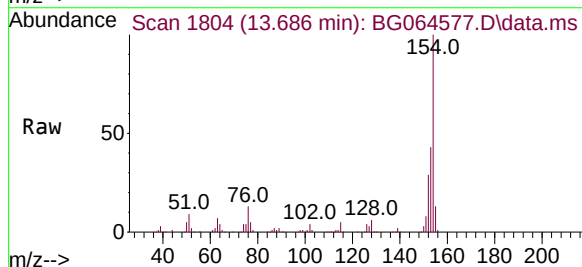
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

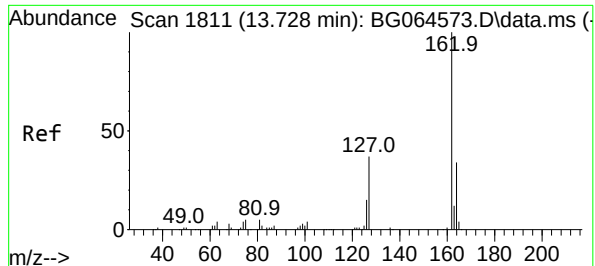
Tgt Ion:172 Resp: 594887
Ion Ratio Lower Upper
172 100
171 35.6 29.4 44.0
170 24.2 19.1 28.7



#46
1,1'-Biphenyl
Concen: 37.331 ng
RT: 13.686 min Scan# 1804
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:154 Resp: 329629
Ion Ratio Lower Upper
154 100
153 42.8 22.4 62.4
76 12.9 0.0 33.5





#47

2-Chloronaphthalene

Concen: 36.205 ng

RT: 13.727 min Scan# 1811

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

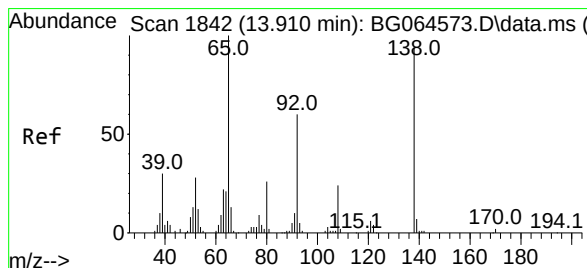
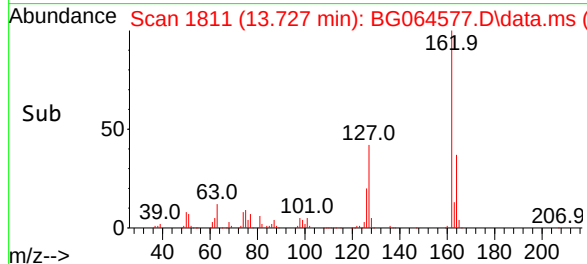
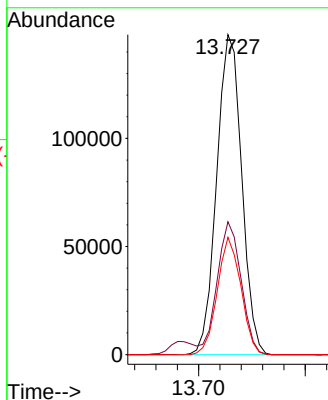
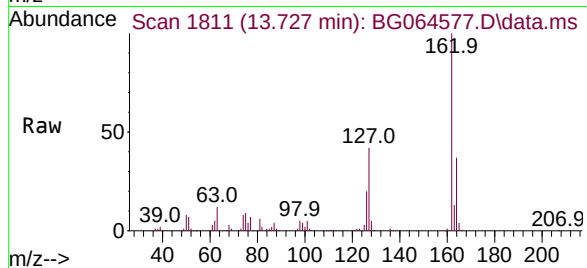
Tgt Ion:162 Resp: 241311

Ion Ratio Lower Upper

162 100

127 41.5 32.2 48.2

164 36.6 27.5 41.3



#48

2-Nitroaniline

Concen: 36.129 ng

RT: 13.910 min Scan# 1842

Delta R.T. -0.000 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

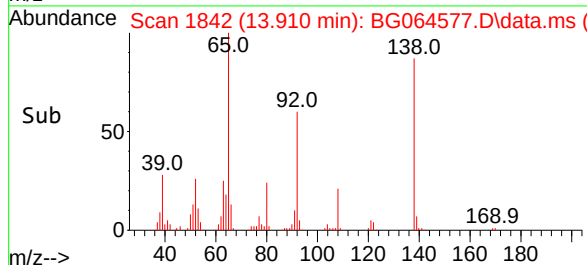
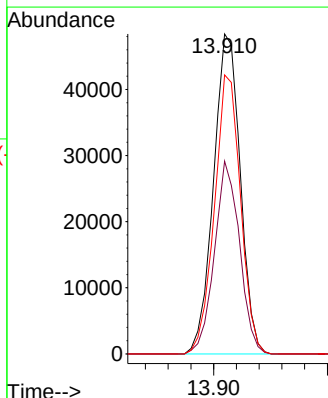
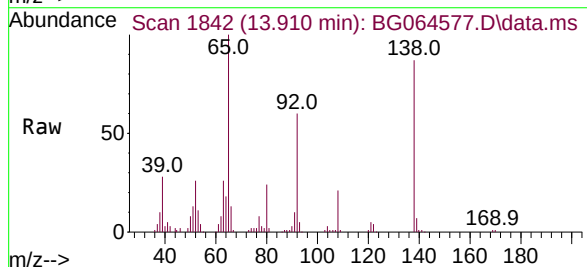
Tgt Ion: 65 Resp: 78927

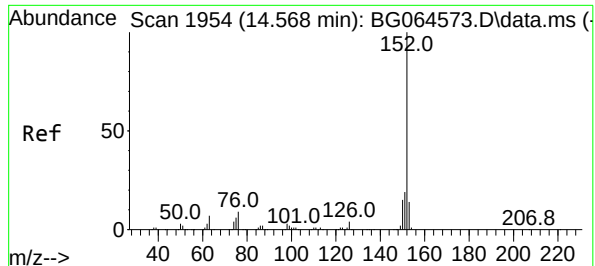
Ion Ratio Lower Upper

65 100

92 60.2 48.3 72.5

138 87.2 74.9 112.3





#49

Acenaphthylene

Concen: 41.457 ng

RT: 14.568 min Scan# 1954

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

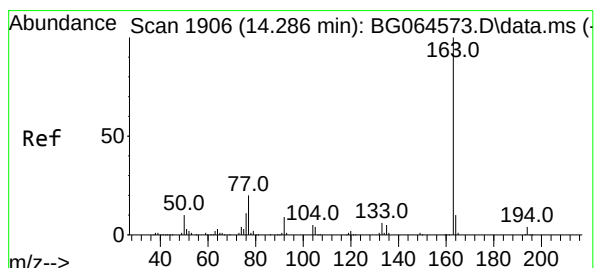
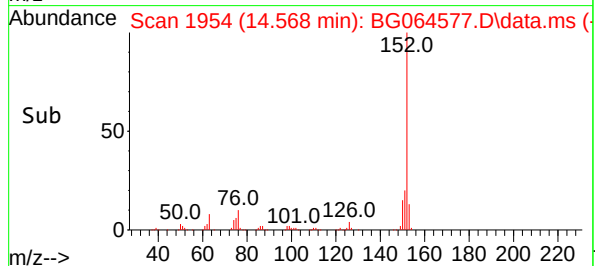
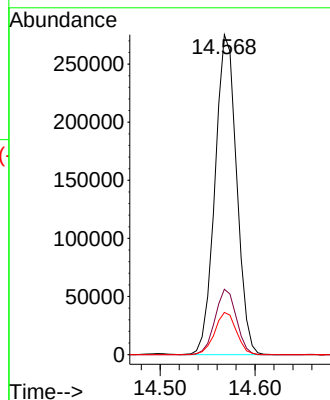
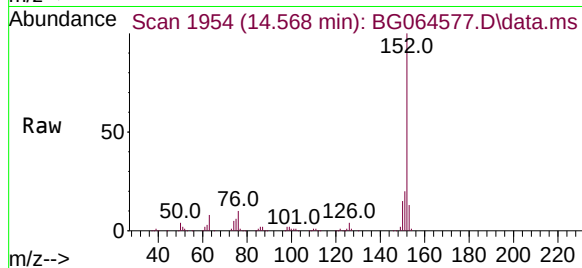
Tgt Ion:152 Resp: 435836

Ion Ratio Lower Upper

152 100

151 20.5 15.4 23.2

153 13.2 11.0 16.4



#50

Dimethylphthalate

Concen: 36.890 ng

RT: 14.292 min Scan# 1907

Delta R.T. 0.005 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

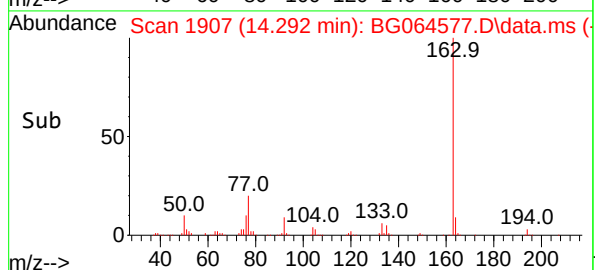
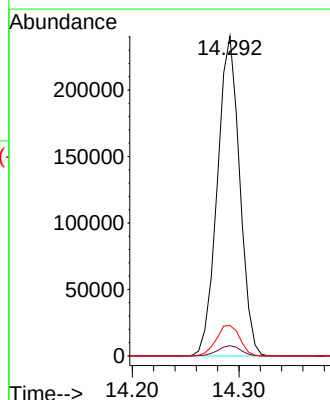
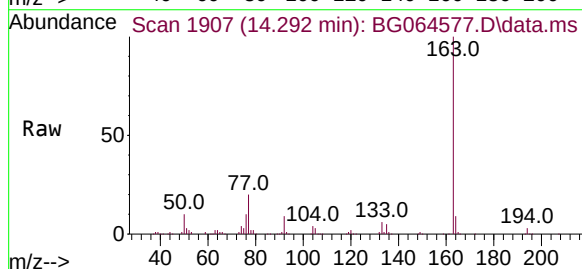
Tgt Ion:163 Resp: 350600

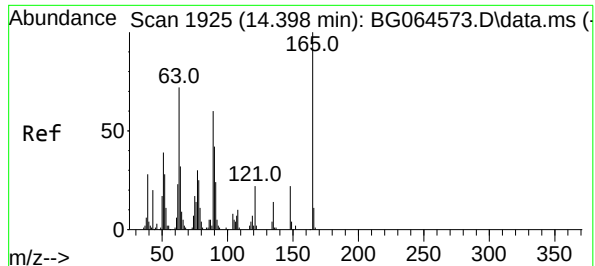
Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

164 9.5 7.7 11.5

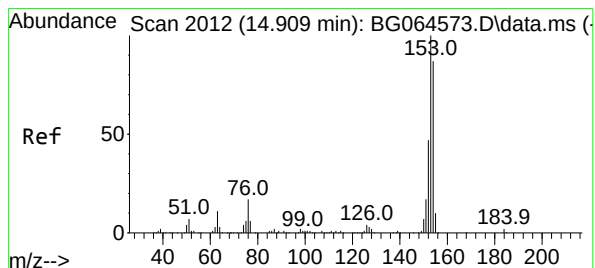
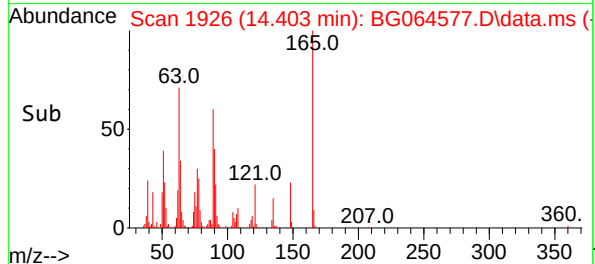
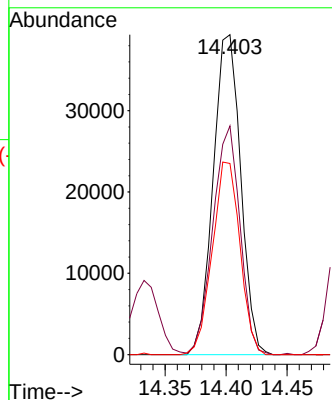
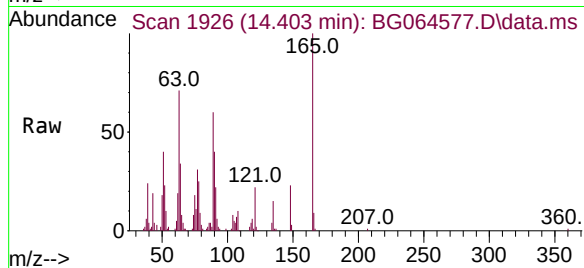




#51
2,6-Dinitrotoluene
Concen: 39.971 ng
RT: 14.403 min Scan# 1925
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

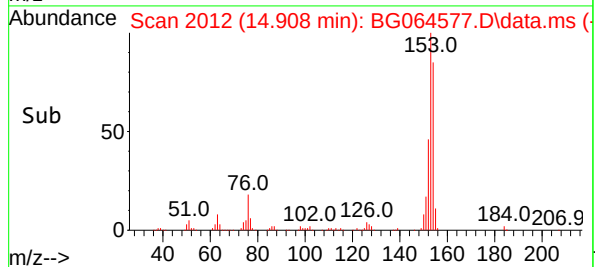
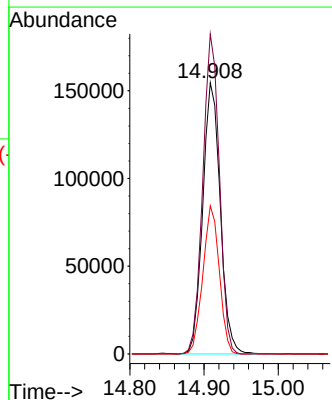
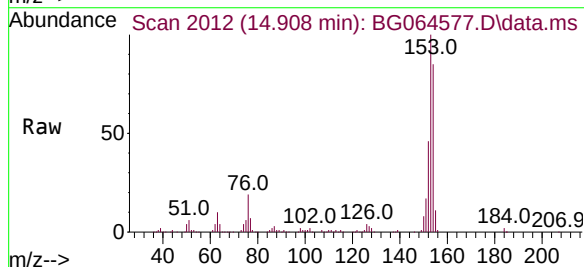
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

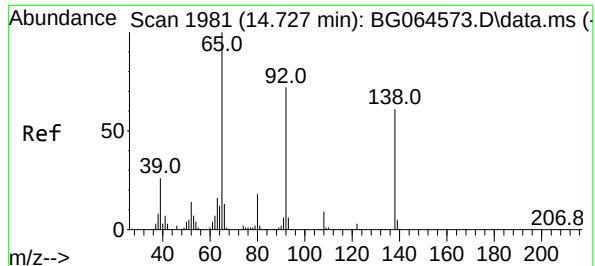
Tgt Ion:165 Resp: 61784
Ion Ratio Lower Upper
165 100
63 71.5 57.4 86.0
89 59.7 47.8 71.8



#52
Acenaphthene
Concen: 35.340 ng
RT: 14.908 min Scan# 2012
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:154 Resp: 253833
Ion Ratio Lower Upper
154 100
153 118.0 92.2 138.4
152 54.6 43.2 64.8

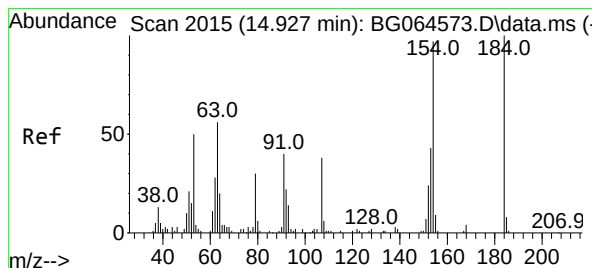
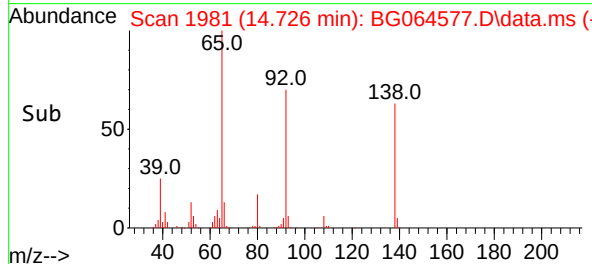
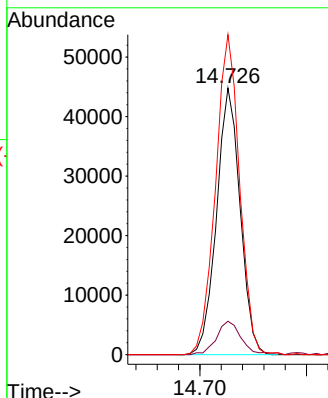
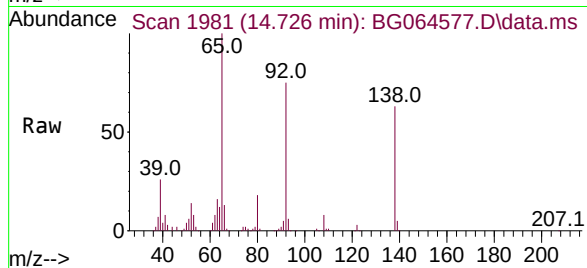




#53
3-Nitroaniline
Concen: 42.080 ng
RT: 14.726 min Scan# 1981
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

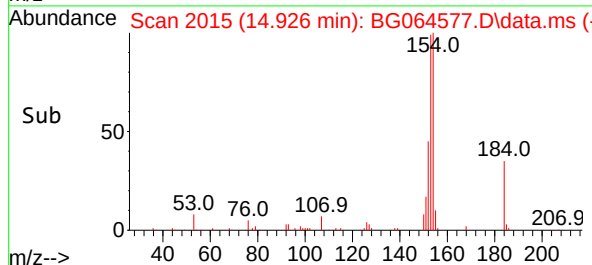
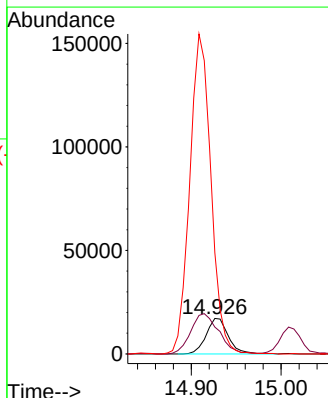
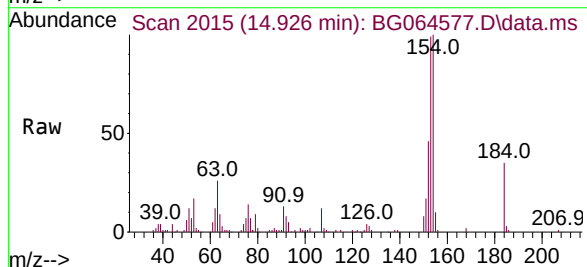
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

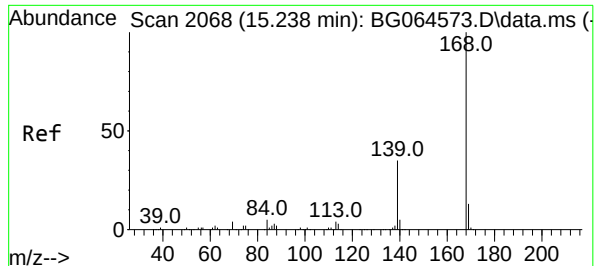
Tgt Ion:	138	Resp:	68729
Ion Ratio	Lower	Upper	
138	100		
108	12.5	11.4	17.0
92	120.1	95.3	142.9



#54
2,4-Dinitrophenol
Concen: 33.991 ng
RT: 14.926 min Scan# 2015
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:	184	Resp:	29394
Ion Ratio	Lower	Upper	
184	100		
63	75.8	56.6	85.0
154	285.9	158.6	238.0#





#55

Dibenzenofuran

Concen: 36.096 ng

RT: 15.237 min Scan# 20

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

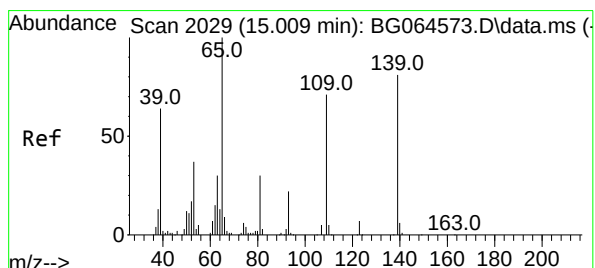
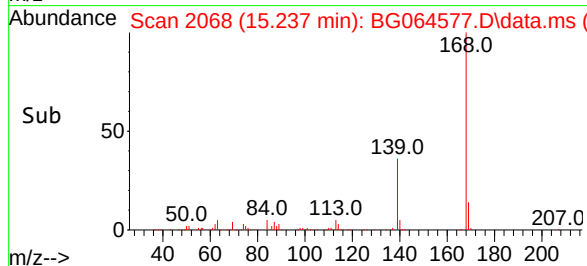
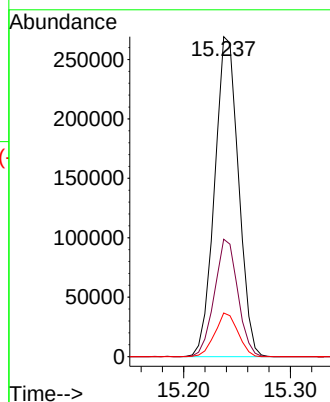
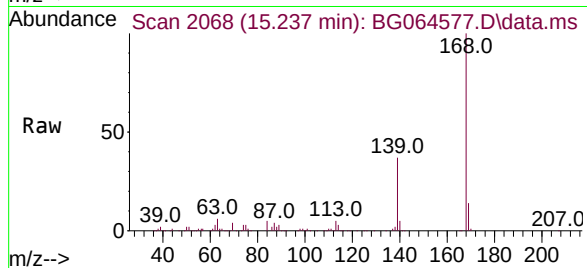
Tgt Ion:168 Resp: 419154

Ion Ratio Lower Upper

168 100

139 36.7 27.8 41.8

169 13.6 10.3 15.5



#56

4-Nitrophenol

Concen: 33.818 ng

RT: 15.014 min Scan# 2030

Delta R.T. 0.005 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

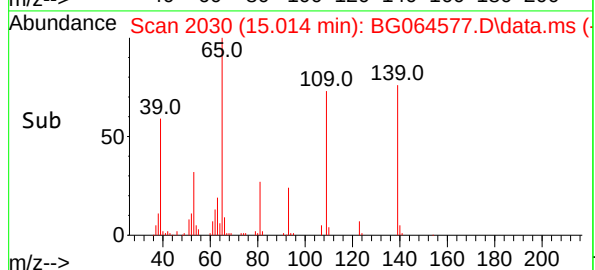
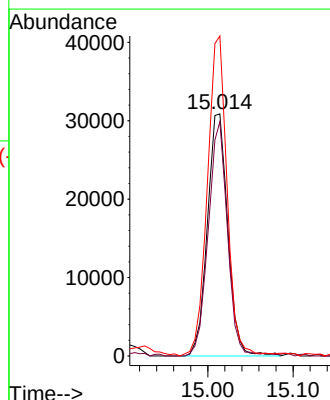
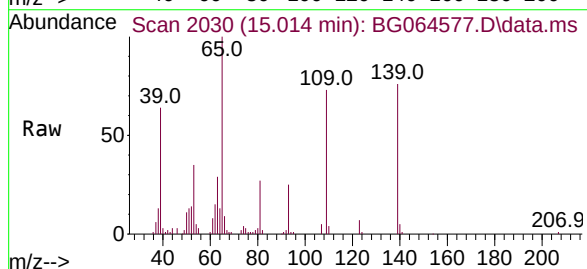
Tgt Ion:139 Resp: 51210

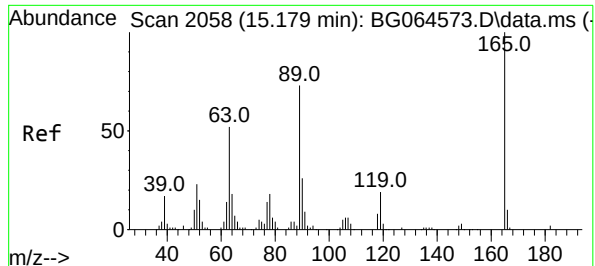
Ion Ratio Lower Upper

139 100

109 96.8 67.8 107.8

65 132.2 103.7 143.7





#57

2,4-Dinitrotoluene

Concen: 35.957 ng

RT: 15.185 min Scan# 2058

Delta R.T. 0.006 min

Lab File: BG064577.D

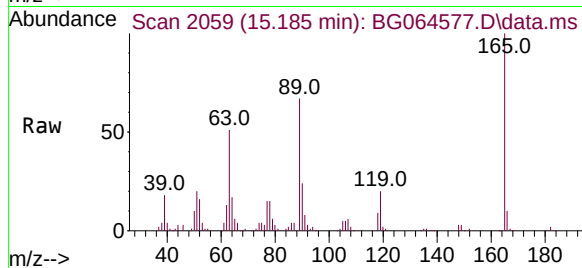
Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425



Tgt Ion:165 Resp: 85201

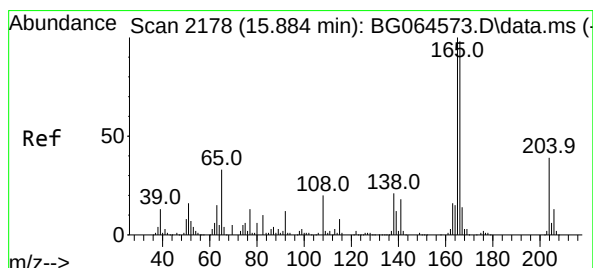
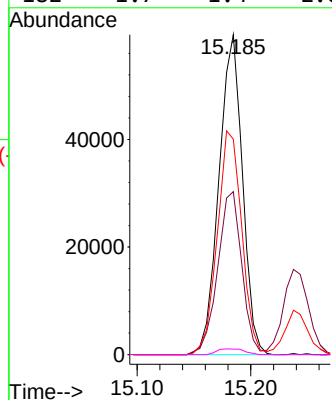
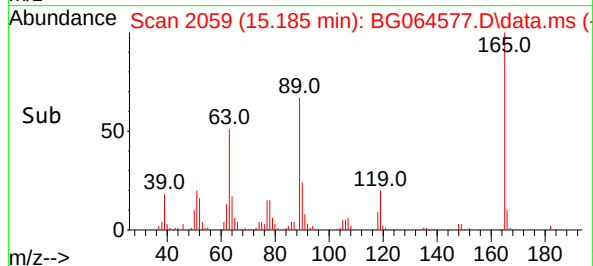
Ion Ratio Lower Upper

165 100

63 50.9 41.8 62.8

89 67.3 58.1 87.1

182 1.7 1.4 2.0



#58

Fluorene

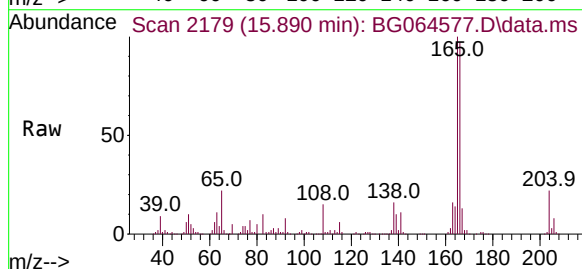
Concen: 36.238 ng

RT: 15.890 min Scan# 2179

Delta R.T. 0.005 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47



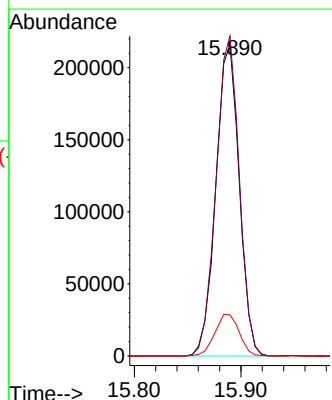
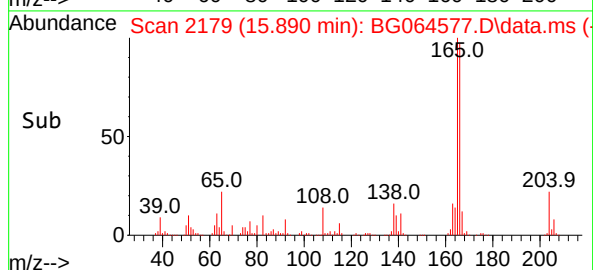
Tgt Ion:166 Resp: 328636

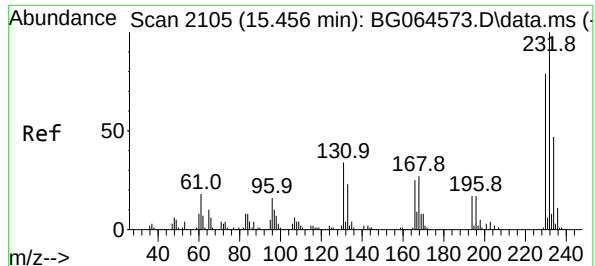
Ion Ratio Lower Upper

166 100

165 102.6 81.5 122.3

167 13.1 11.4 17.0

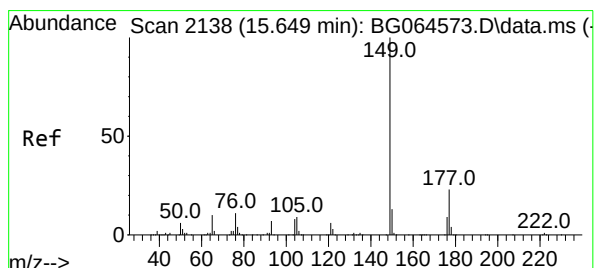
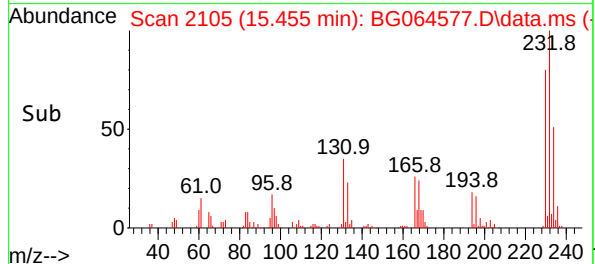
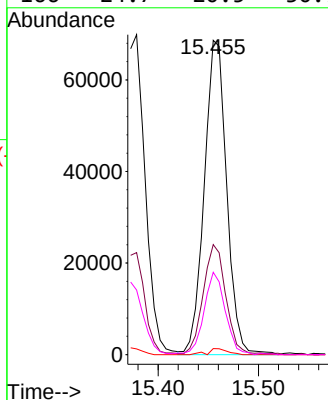
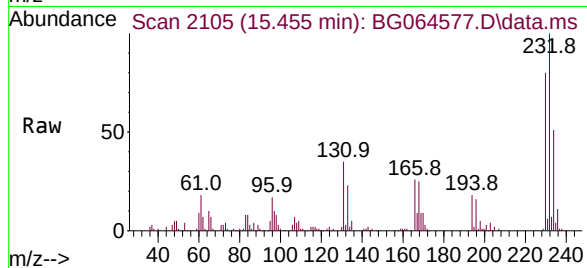




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.525 ng
RT: 15.455 min Scan# 2105
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

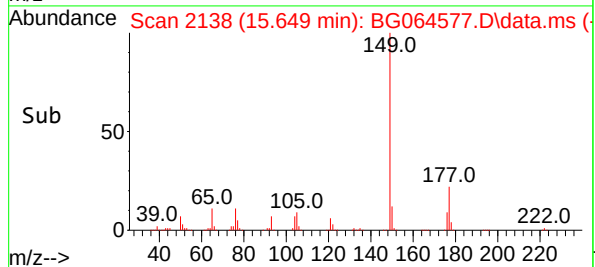
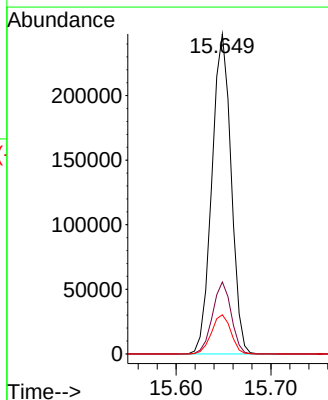
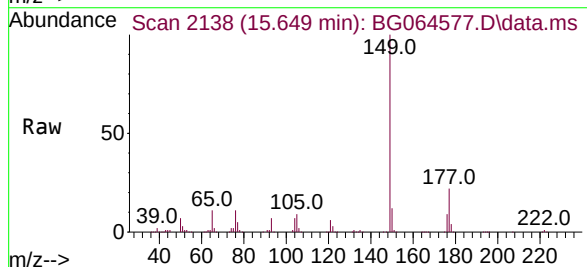
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

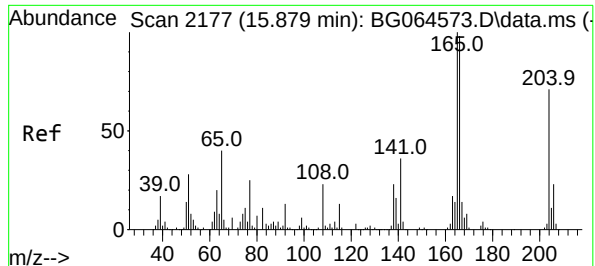
Tgt Ion:232 Resp: 106626
Ion Ratio Lower Upper
232 100
131 35.6 26.7 40.1
130 1.7 1.6 2.4
166 24.7 20.5 30.7



#60
Diethylphthalate
Concen: 35.961 ng
RT: 15.649 min Scan# 2138
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:149 Resp: 348964
Ion Ratio Lower Upper
149 100
177 22.5 18.0 27.0
150 12.2 10.2 15.4

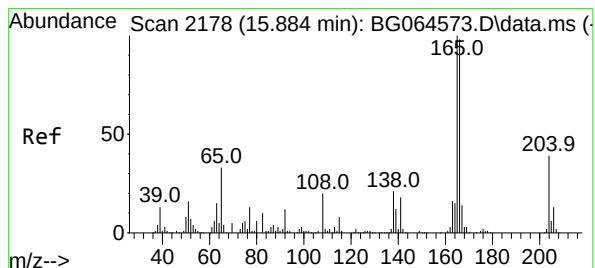
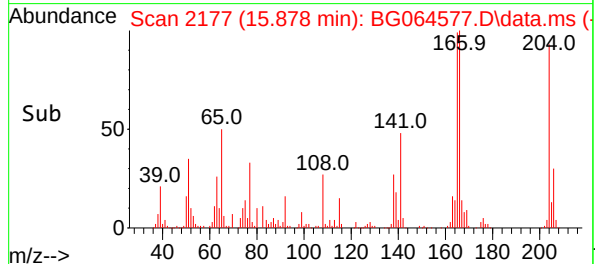
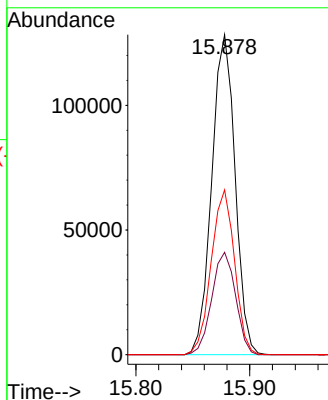
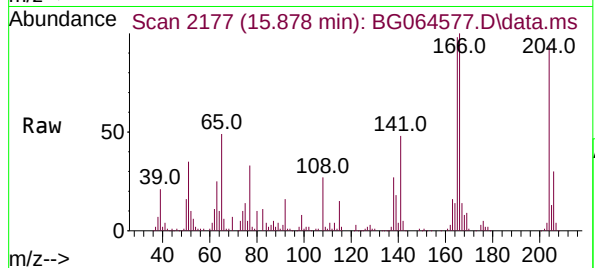




#61
4-Chlorophenyl-phenylether
Concen: 35.902 ng
RT: 15.878 min Scan# 2177
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

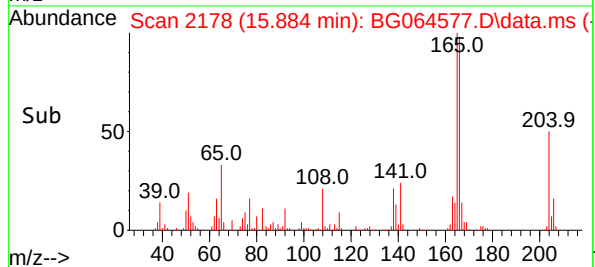
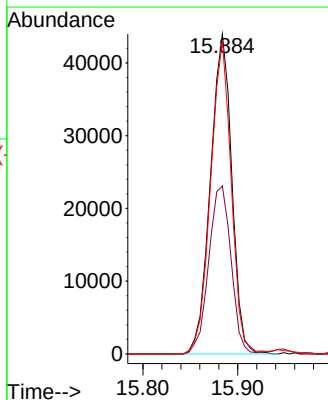
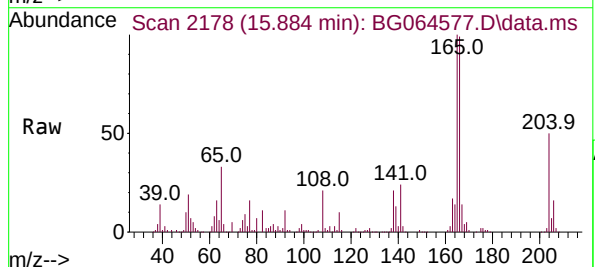
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

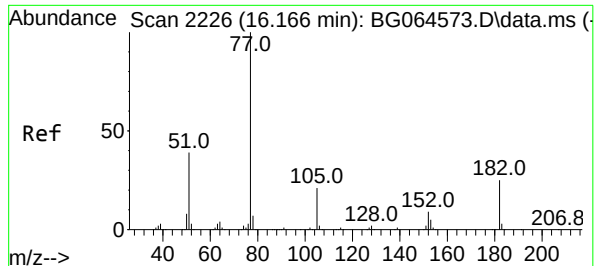
Tgt Ion:204 Resp: 182714
Ion Ratio Lower Upper
204 100
206 32.0 25.6 38.4
141 51.5 40.6 60.8



#62
4-Nitroaniline
Concen: 37.867 ng
RT: 15.884 min Scan# 2178
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:138 Resp: 68807
Ion Ratio Lower Upper
138 100
92 52.5 36.1 76.1
108 97.9 75.6 115.6

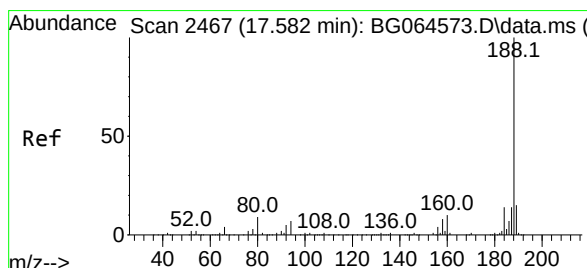
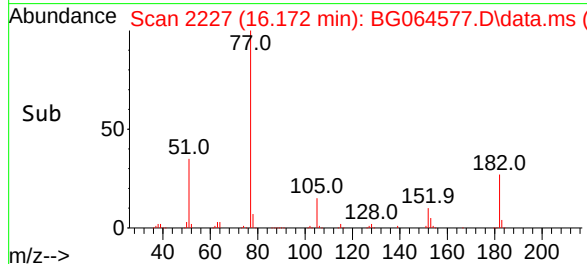
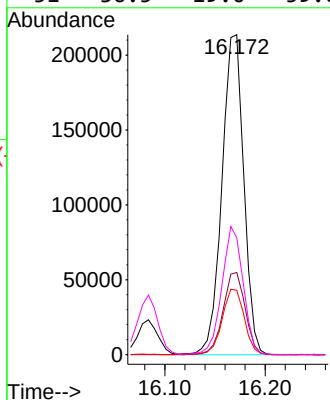
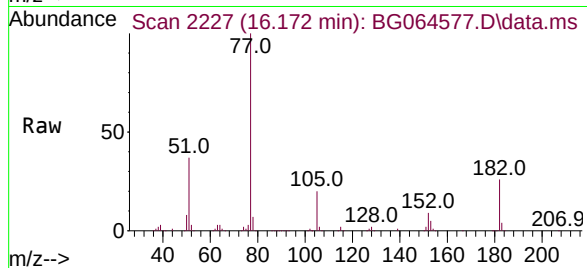




#63
Azobenzene
Concen: 36.325 ng
RT: 16.172 min Scan# 2227
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

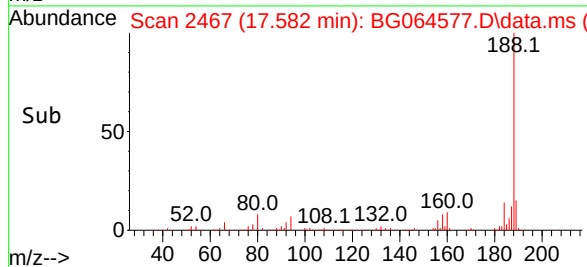
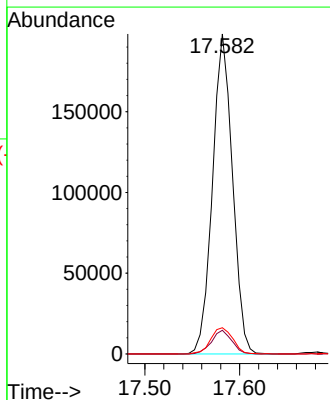
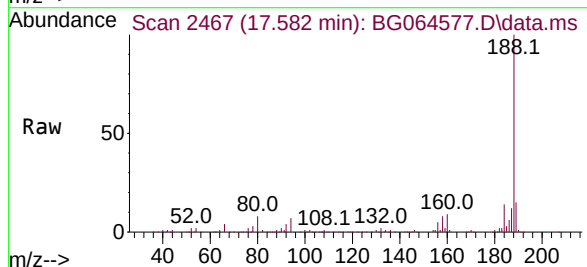
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

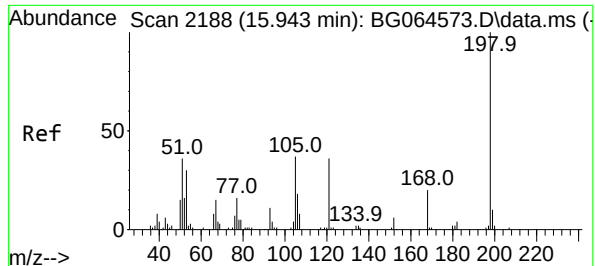
Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.7	4.9	44.9
105	20.1	1.3	41.3
51	36.5	19.0	59.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.582 min Scan# 2467
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.7	8.5
80	8.2	6.8	10.2

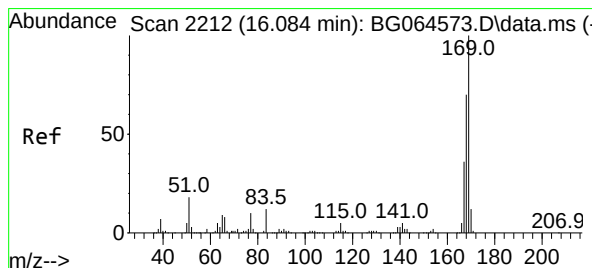
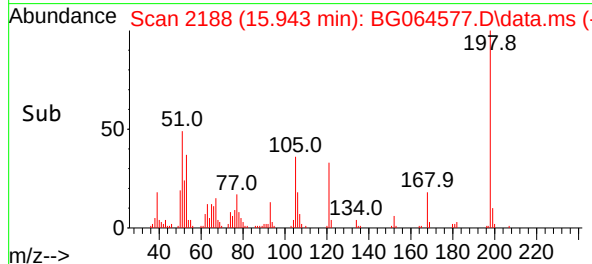
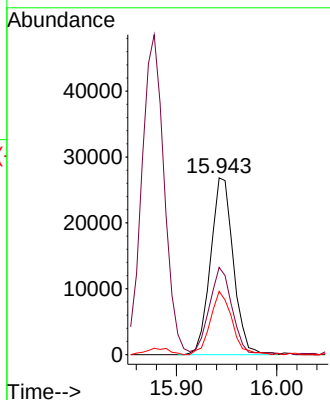
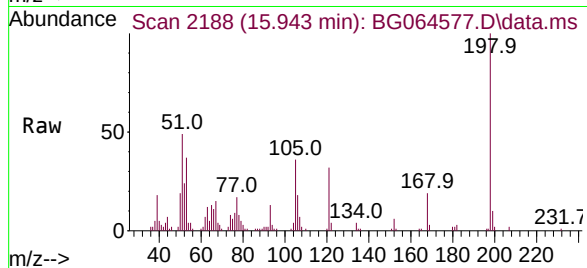




#65
4,6-Dinitro-2-methylphenol
Concen: 34.885 ng
RT: 15.943 min Scan# 2188
Delta R.T. -0.000 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

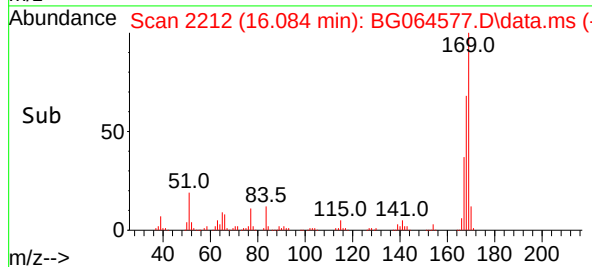
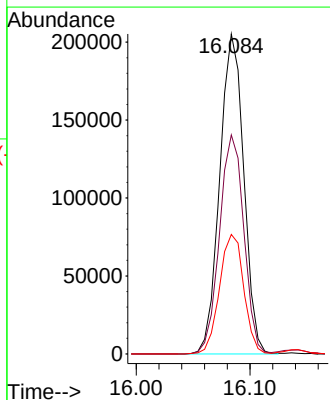
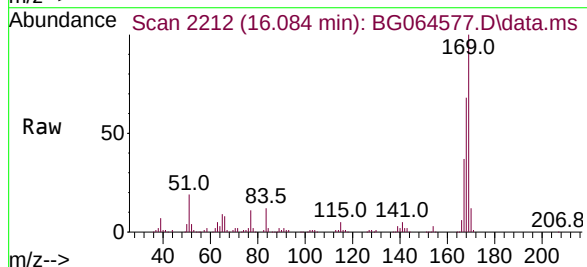
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

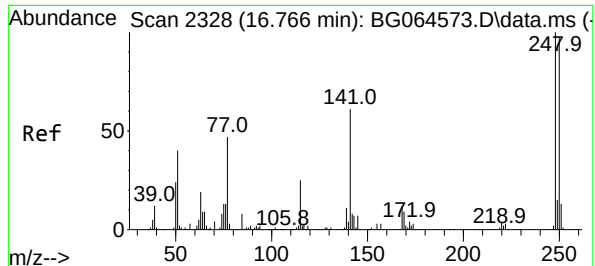
Tgt Ion	Ratio	Lower	Upper
198	100		
51	49.5	24.7	64.7
105	35.9	18.0	58.0



#66
n-Nitrosodiphenylamine
Concen: 38.325 ng
RT: 16.084 min Scan# 2212
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.4	56.3	84.5
167	37.3	29.0	43.6

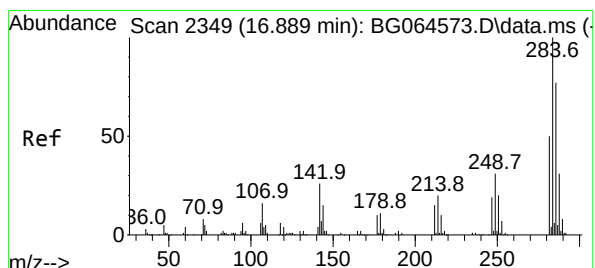
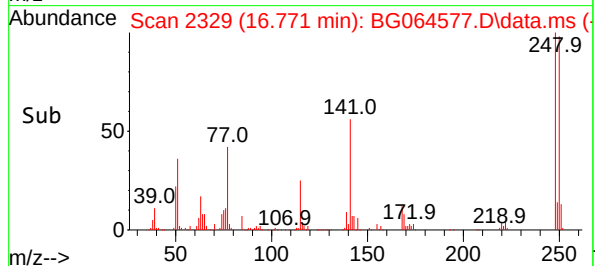
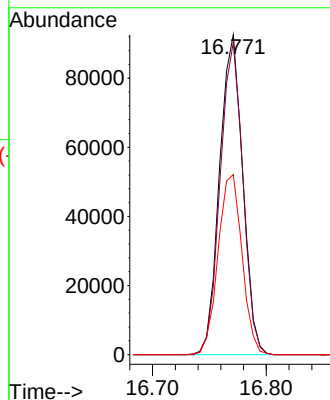
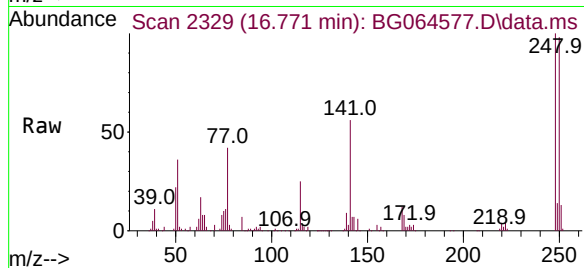




#67
4-Bromophenyl-phenylether
Concen: 38.044 ng
RT: 16.771 min Scan# 2329
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

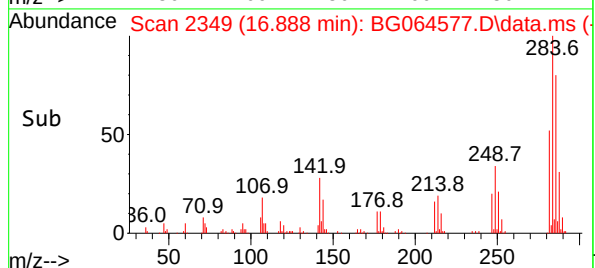
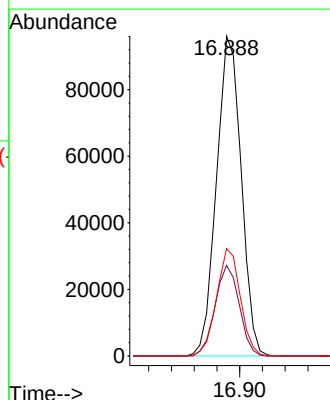
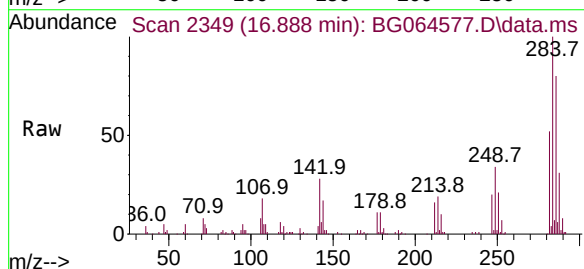
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

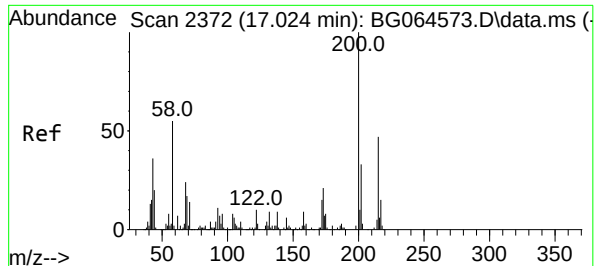
Tgt Ion:248 Resp: 130765
Ion Ratio Lower Upper
248 100
250 97.6 77.7 116.5
141 56.3 48.6 72.8



#68
Hexachlorobenzene
Concen: 36.971 ng
RT: 16.888 min Scan# 2349
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:284 Resp: 144974
Ion Ratio Lower Upper
284 100
142 28.3 21.0 31.6
249 33.5 24.9 37.3

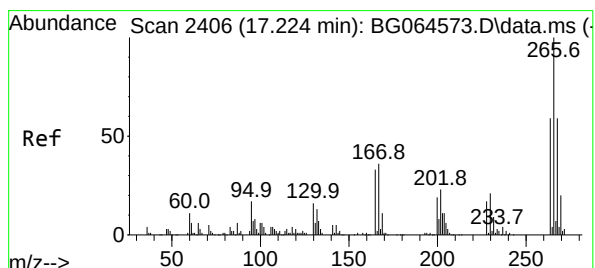
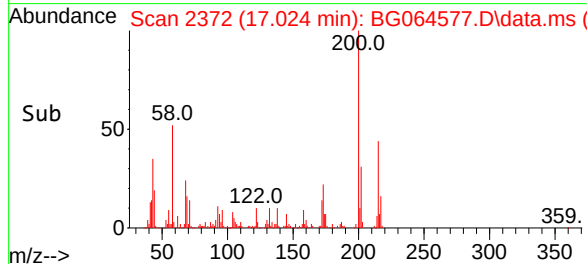
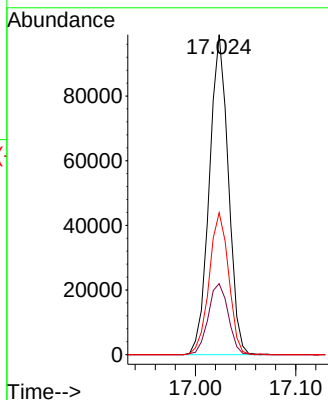
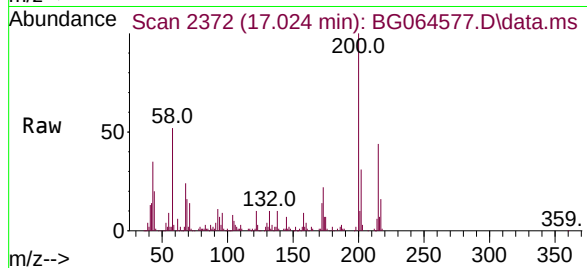




#69
Atrazine
Concen: 38.558 ng
RT: 17.024 min Scan# 2372
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

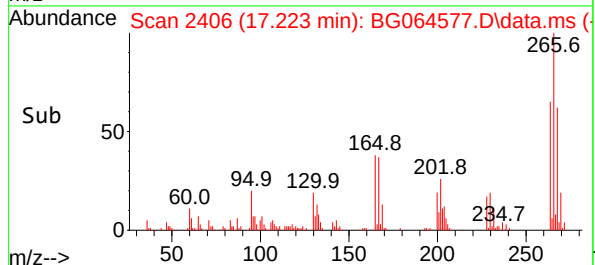
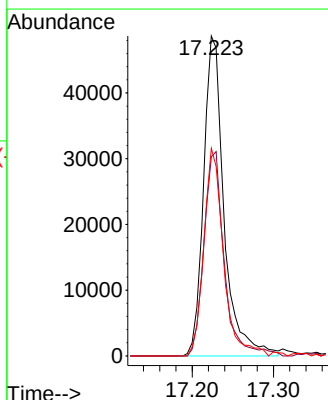
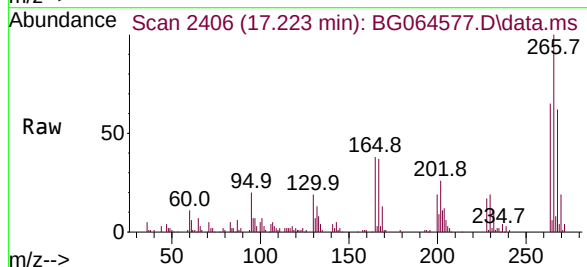
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

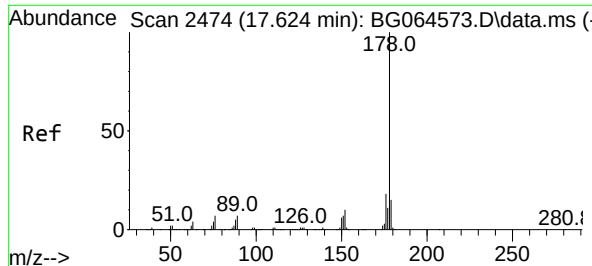
Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.2	0.9	40.9
215	44.3	27.0	67.0



#70
Pentachlorophenol
Concen: 34.829 ng
RT: 17.223 min Scan# 2406
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.7	50.3	75.5
264	70.5	47.3	70.9

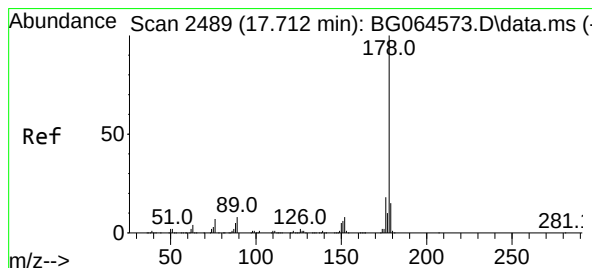
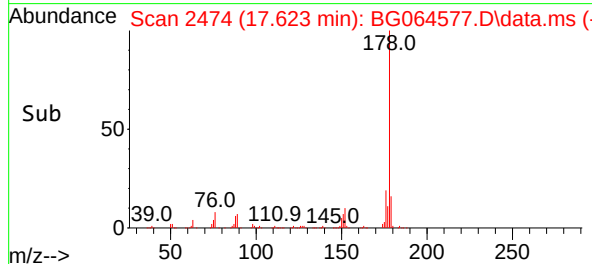
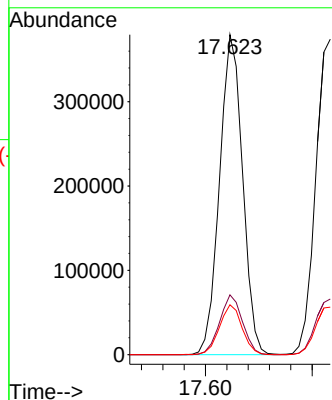
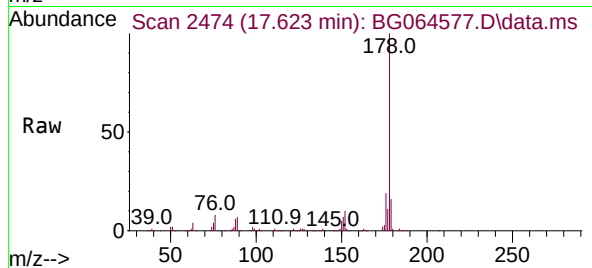




#71
Phenanthrene
Concen: 35.925 ng
RT: 17.623 min Scan# 2474
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

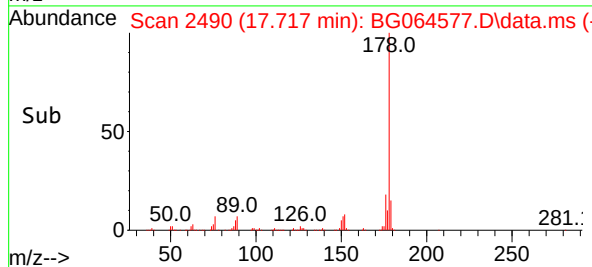
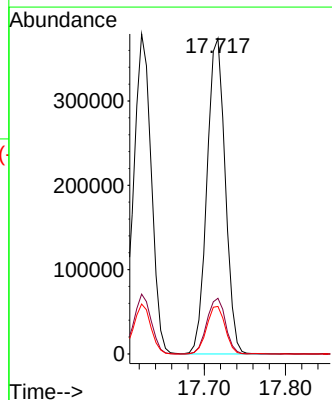
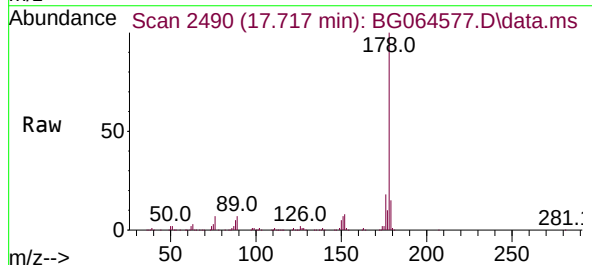
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

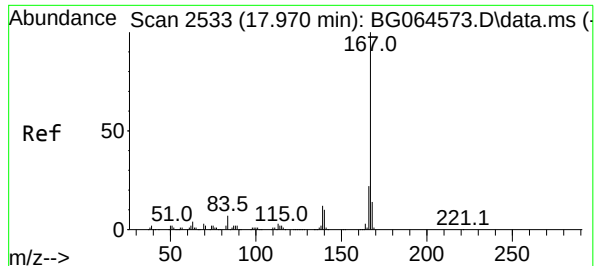
Tgt Ion:178 Resp: 569825
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.6 12.2 18.4



#72
Anthracene
Concen: 36.210 ng
RT: 17.717 min Scan# 2490
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:178 Resp: 584246
Ion Ratio Lower Upper
178 100
176 17.6 14.4 21.6
179 15.1 12.4 18.6

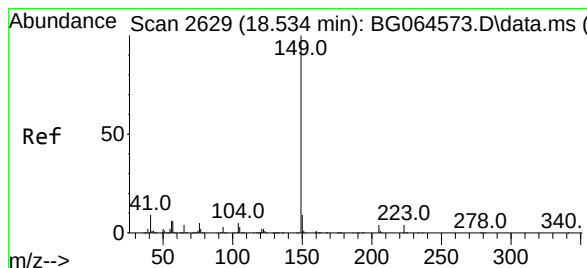
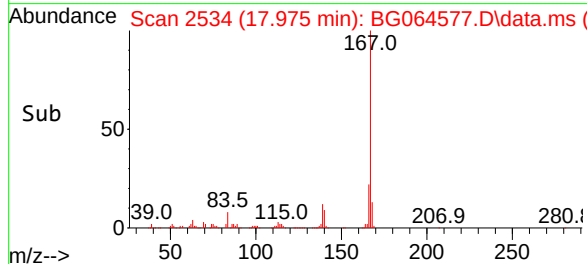
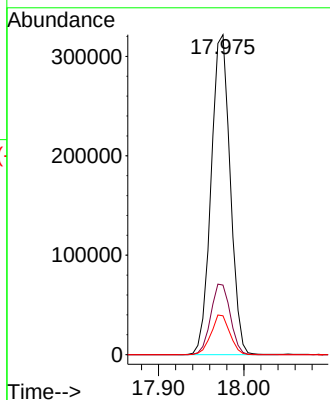
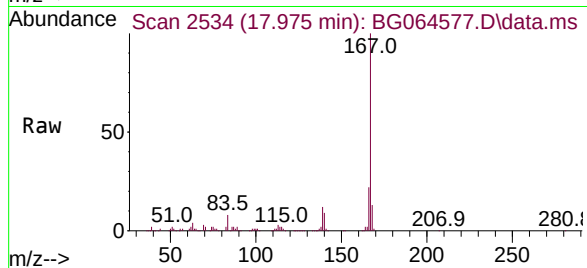




#73
Carbazole
Concen: 35.061 ng
RT: 17.975 min Scan# 2534
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

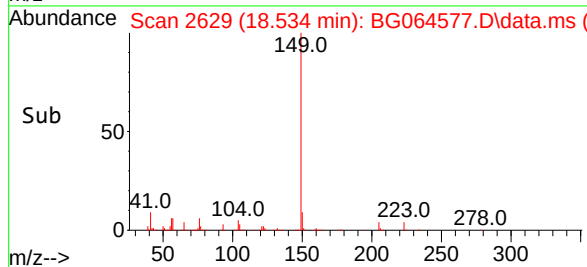
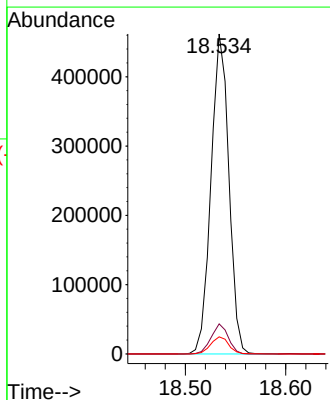
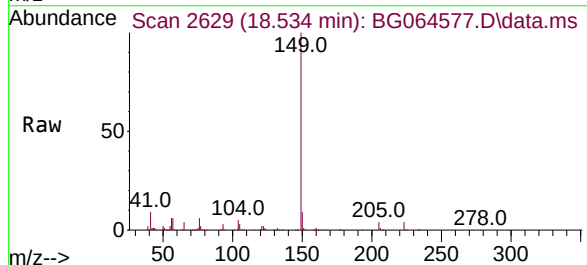
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

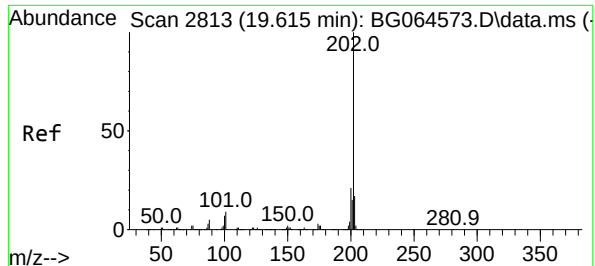
Tgt Ion:167 Resp: 498849
Ion Ratio Lower Upper
167 100
166 21.7 17.9 26.9
139 12.1 9.7 14.5



#74
Di-n-butylphthalate
Concen: 34.688 ng
RT: 18.534 min Scan# 2629
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:149 Resp: 570718
Ion Ratio Lower Upper
149 100
150 9.4 7.0 10.6
104 5.3 4.1 6.1

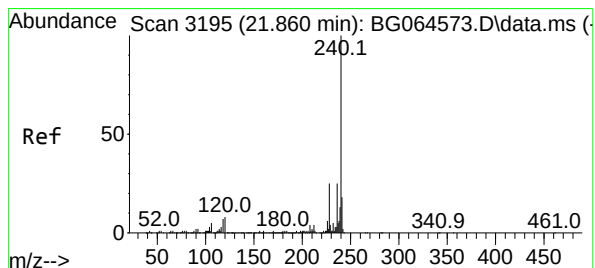
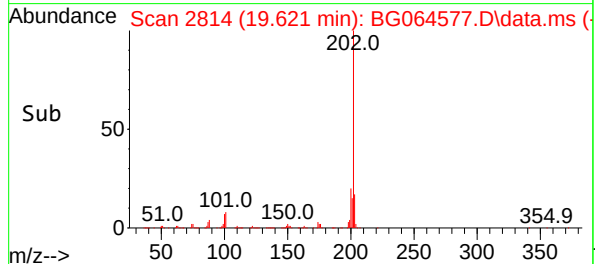
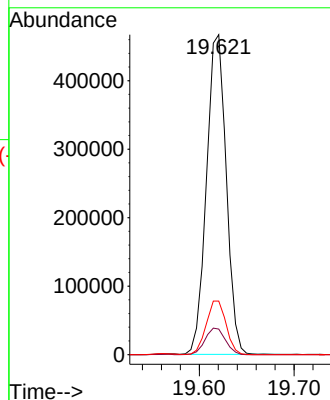
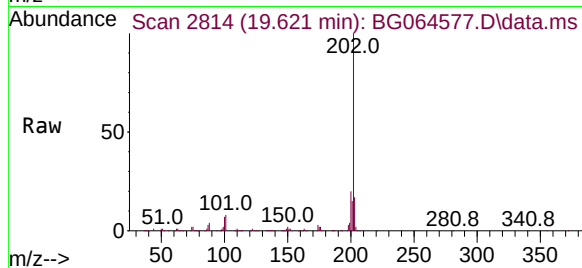




#75
Fluoranthene
Concen: 34.070 ng
RT: 19.621 min Scan# 2814
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

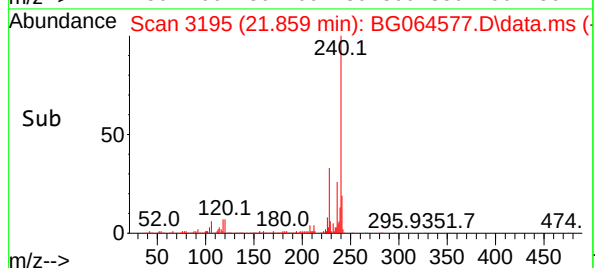
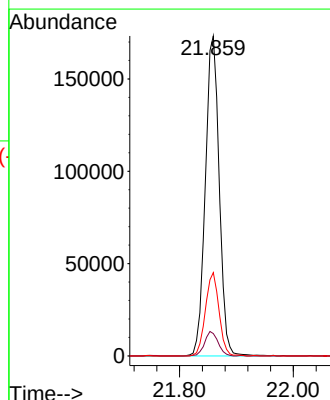
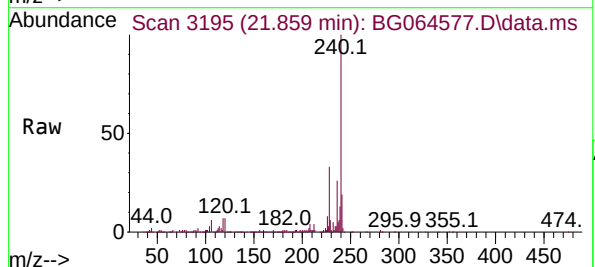
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

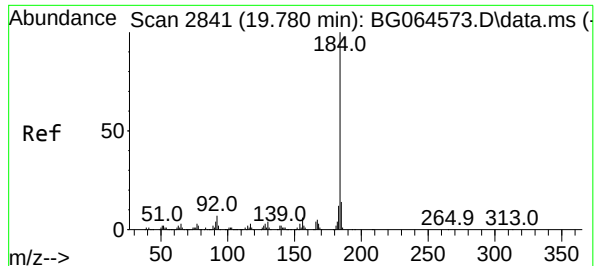
Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	28.7
203	16.7	0.0	37.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.859 min Scan# 3195
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.0	6.5	9.7
236	26.0	20.2	30.2

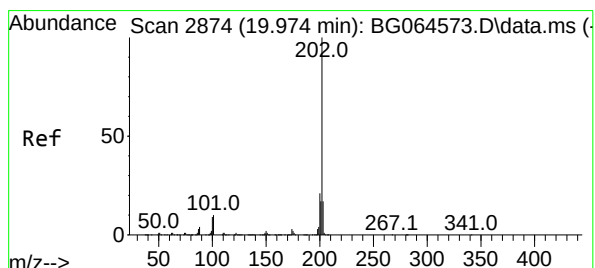
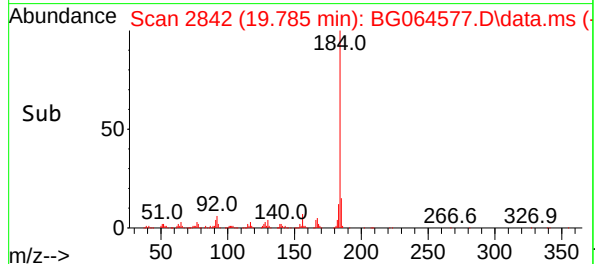
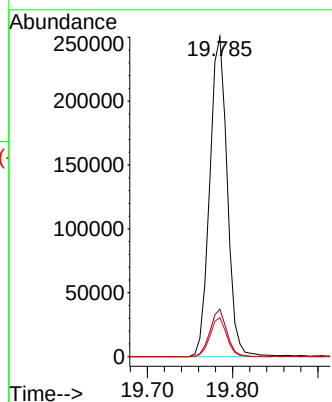
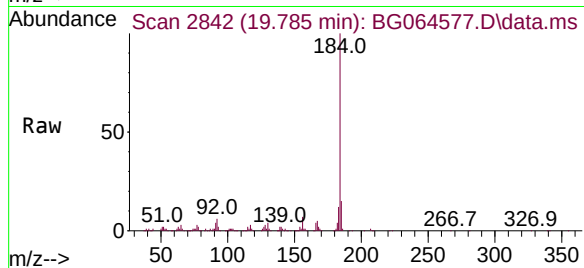




#77
Benzidine
Concen: 54.203 ng
RT: 19.785 min Scan# 2842
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

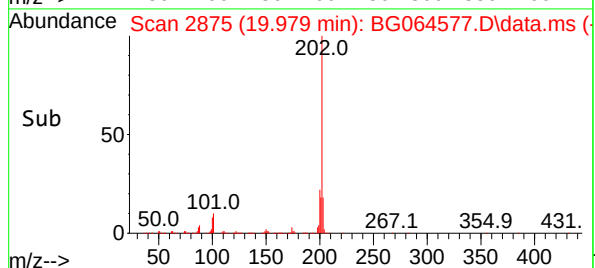
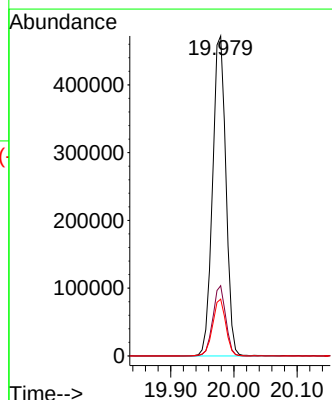
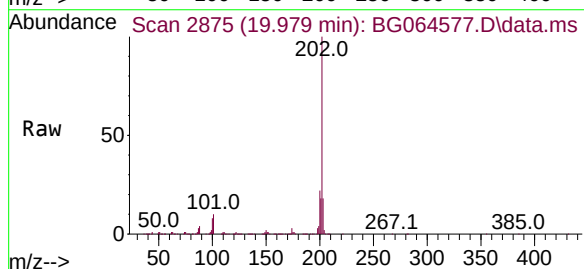
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

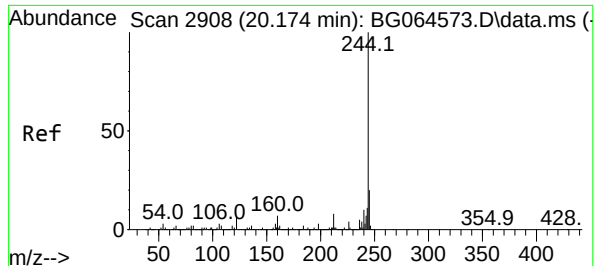
Tgt Ion:184 Resp: 356547
Ion Ratio Lower Upper
184 100
185 14.8 11.4 17.2
183 12.2 9.4 14.2



#78
Pyrene
Concen: 36.130 ng
RT: 19.979 min Scan# 2875
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:202 Resp: 693068
Ion Ratio Lower Upper
202 100
200 21.9 17.0 25.4
203 17.7 13.8 20.6

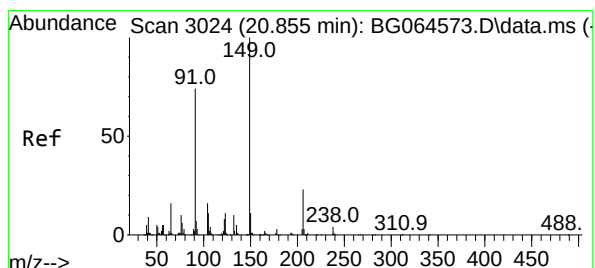
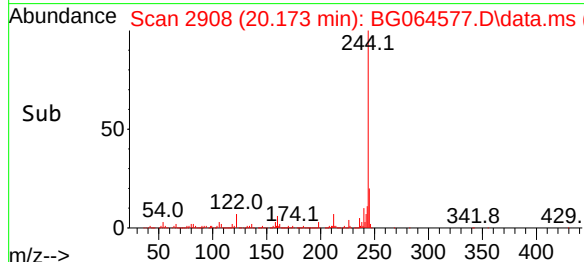
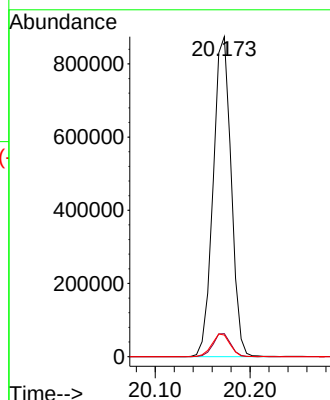
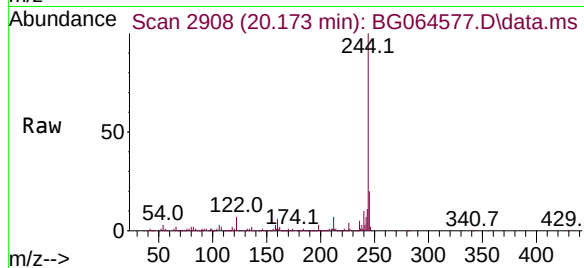




#79
Terphenyl-d14
Concen: 74.019 ng
RT: 20.173 min Scan# 2908
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

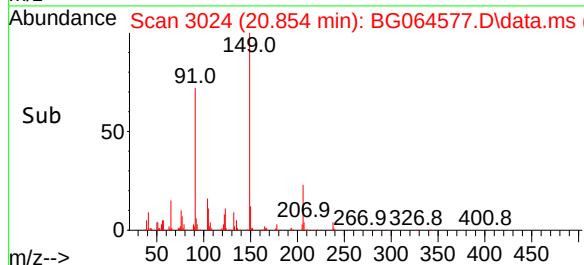
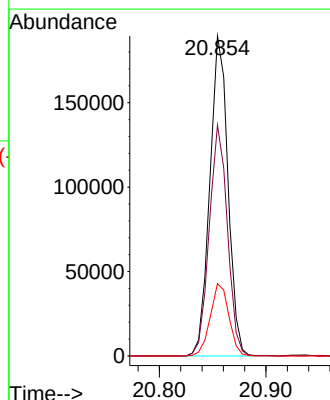
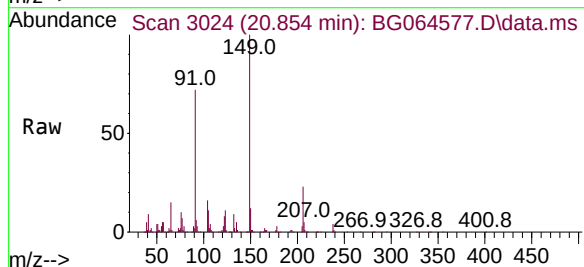
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

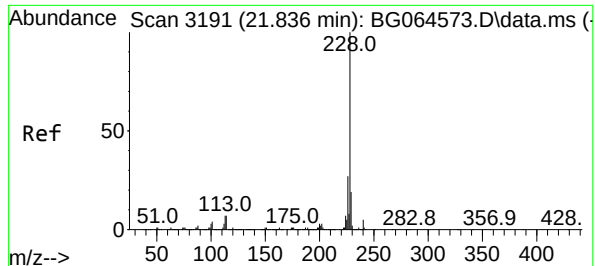
Tgt Ion:244 Resp: 1151597
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 6.7 5.6 8.4



#80
Butylbenzylphthalate
Concen: 38.702 ng
RT: 20.854 min Scan# 3024
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:149 Resp: 224386
Ion Ratio Lower Upper
149 100
91 72.1 59.2 88.8
206 22.6 18.1 27.1

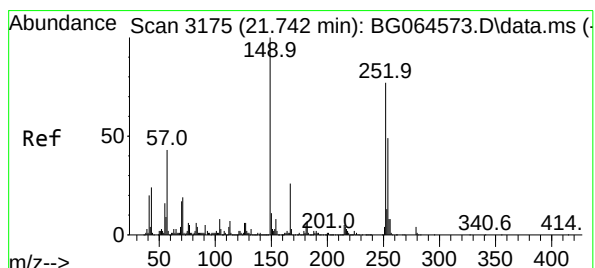
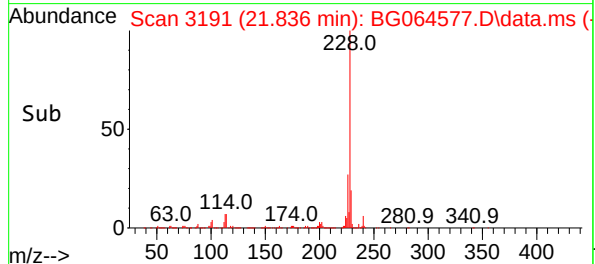
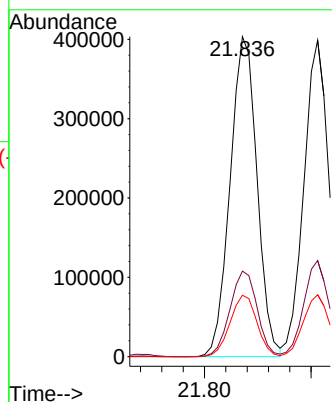
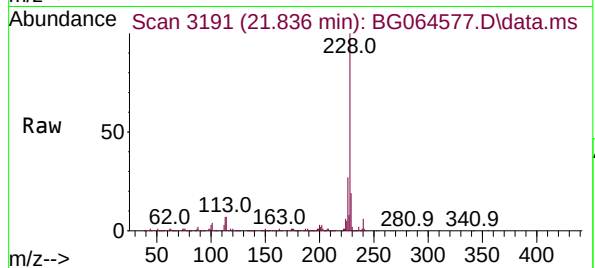




#81
Benzo(a)anthracene
Concen: 36.287 ng
RT: 21.836 min Scan# 3191
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

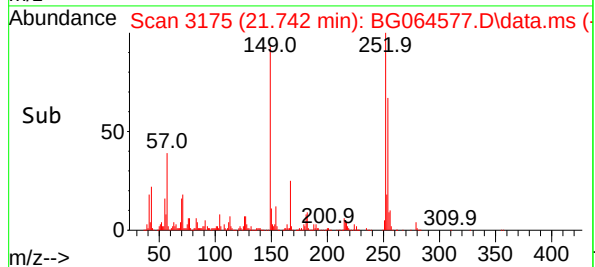
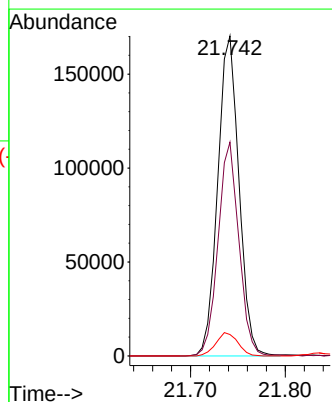
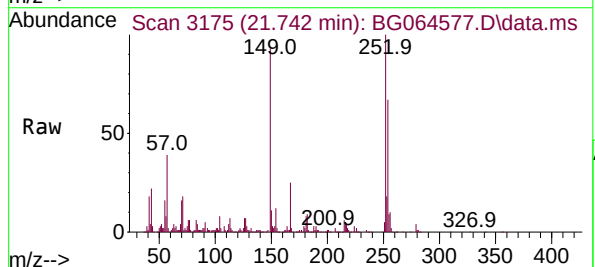
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

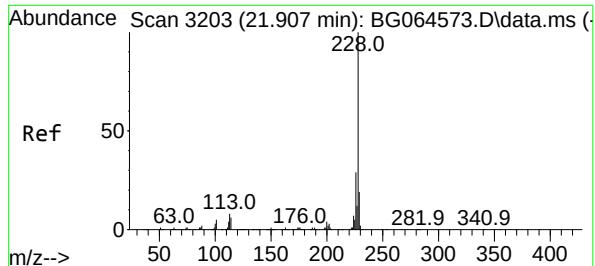
Tgt Ion:228 Resp: 706428
Ion Ratio Lower Upper
228 100
226 26.7 21.9 32.9
229 19.2 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 40.813 ng
RT: 21.742 min Scan# 3175
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:252 Resp: 265324
Ion Ratio Lower Upper
252 100
254 66.8 50.8 76.2
126 6.7 5.8 8.6





#83

Chrysene

Concen: 35.533 ng

RT: 21.906 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

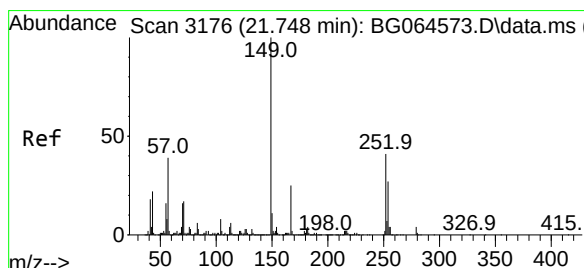
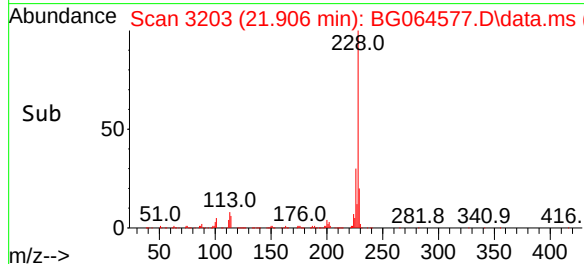
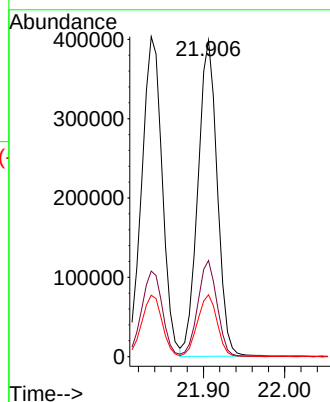
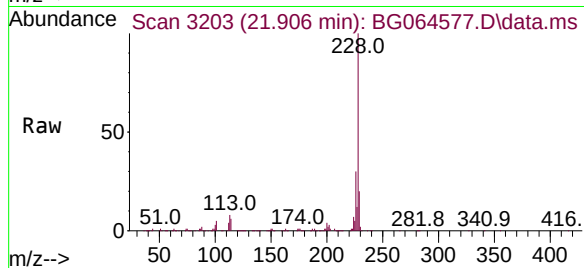
Tgt Ion:228 Resp: 658217

Ion Ratio Lower Upper

228 100

226 30.4 23.3 34.9

229 19.5 15.2 22.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.470 ng

RT: 21.747 min Scan# 3176

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

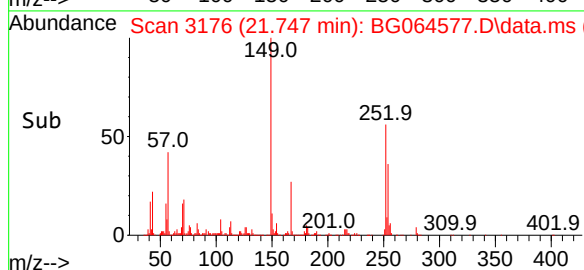
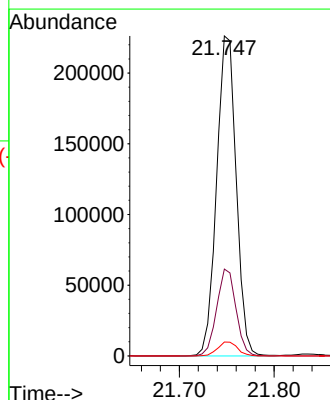
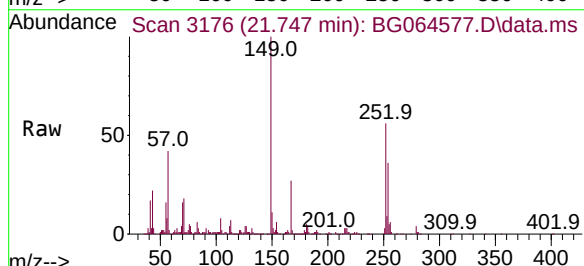
Tgt Ion:149 Resp: 324614

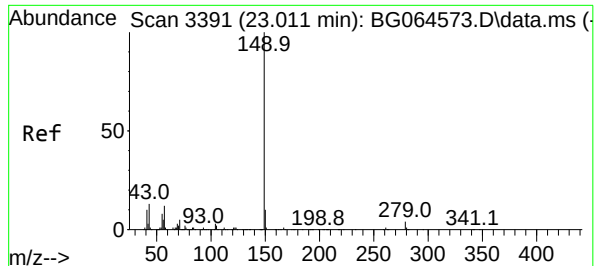
Ion Ratio Lower Upper

149 100

167 27.1 20.0 30.0

279 4.3 3.1 4.7

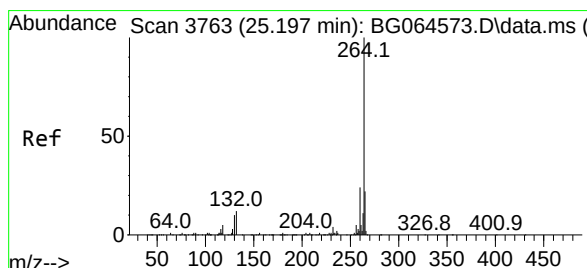
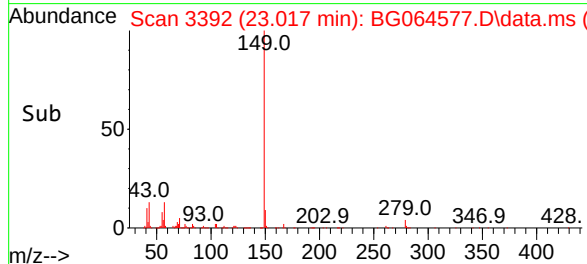
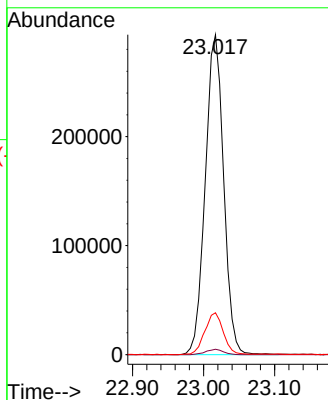
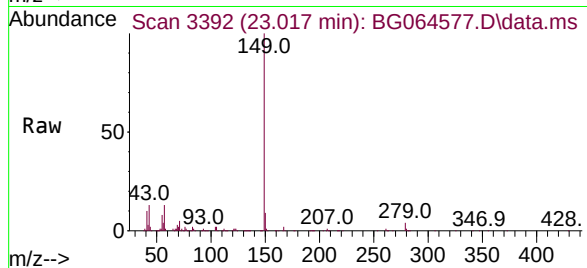




#85
Di-n-octyl phthalate
Concen: 36.087 ng
RT: 23.017 min Scan# 3391
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

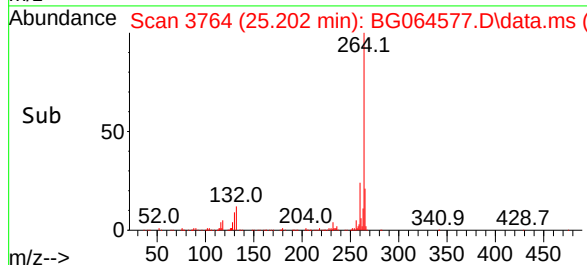
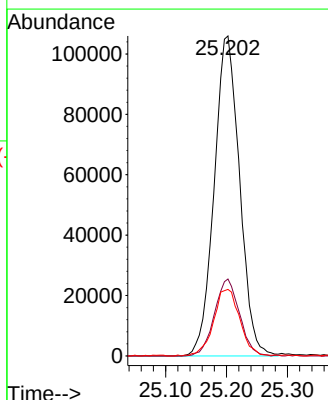
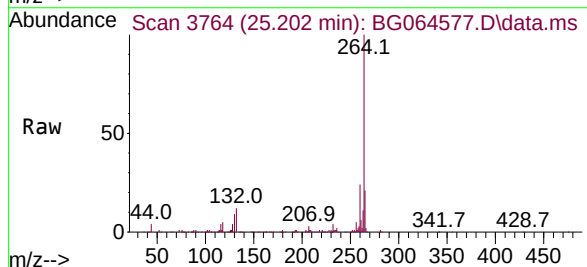
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

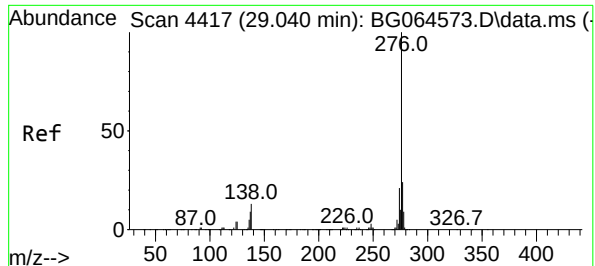
Tgt Ion:149 Resp: 527097
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.3 10.8 16.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.202 min Scan# 3764
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:264 Resp: 306886
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.4
265 20.8 17.6 26.4

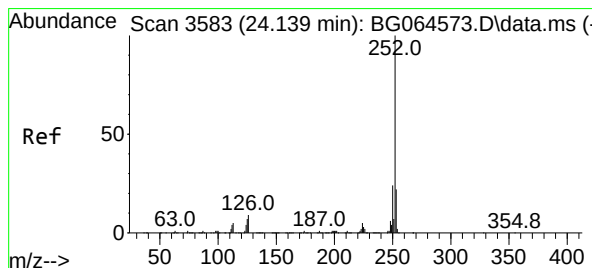
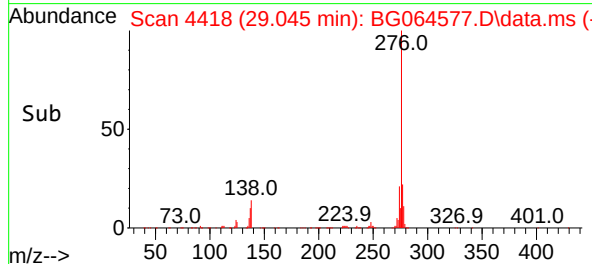
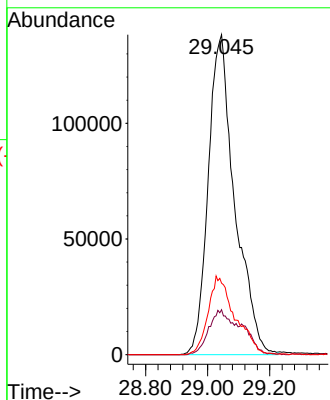
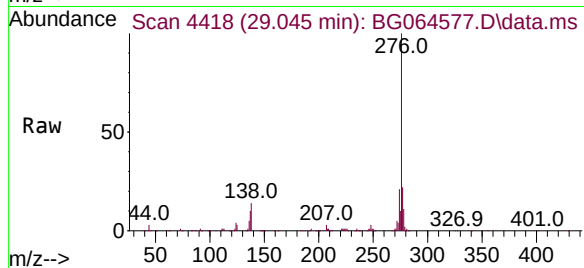




#87
Indeno(1,2,3-cd)pyrene
Concen: 36.366 ng
RT: 29.045 min Scan# 4417
Delta R.T. 0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

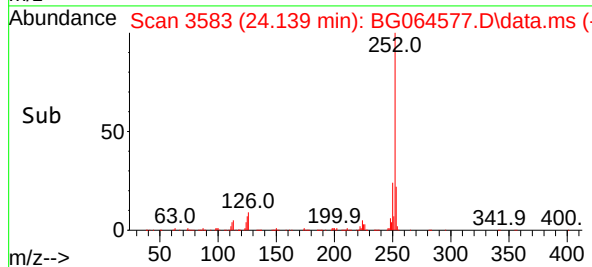
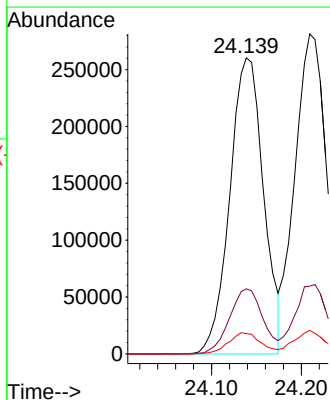
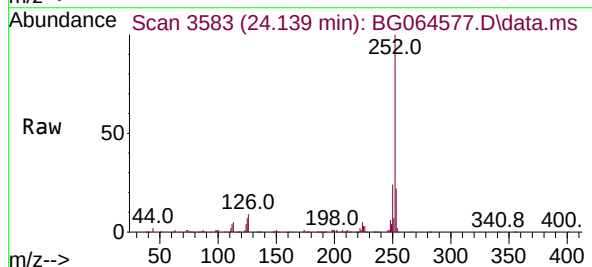
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

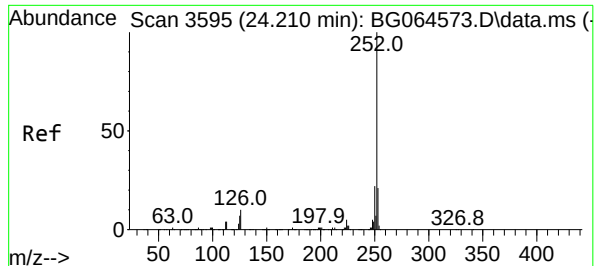
Tgt Ion:276 Resp: 820974
Ion Ratio Lower Upper
276 100
138 12.6 10.8 16.2
277 25.0 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 36.235 ng
RT: 24.139 min Scan# 3583
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:252 Resp: 681881
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 6.8 5.6 8.4





#89

Benzo(k)fluoranthene

Concen: 37.252 ng

RT: 24.209 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

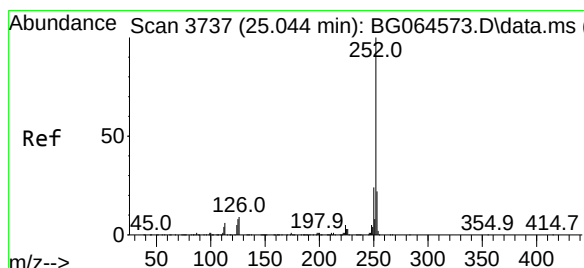
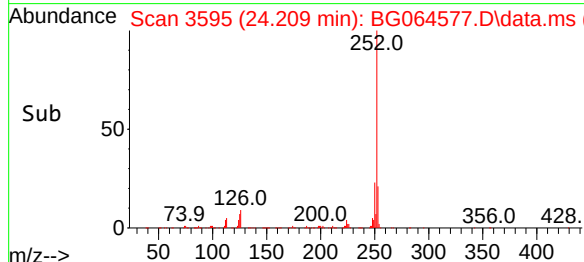
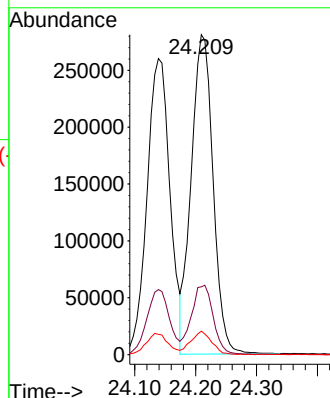
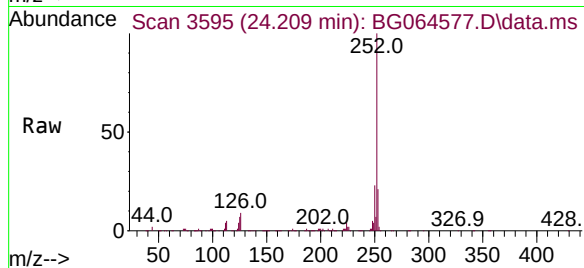
Tgt Ion:252 Resp: 701500

Ion Ratio Lower Upper

252 100

253 21.2 16.8 25.2

125 7.3 5.4 8.0



#90

Benzo(a)pyrene

Concen: 37.700 ng

RT: 25.049 min Scan# 3738

Delta R.T. 0.005 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

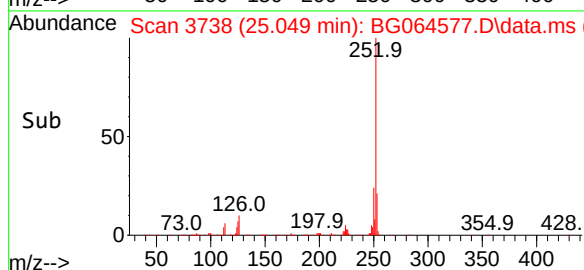
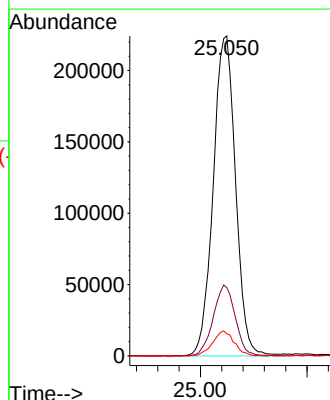
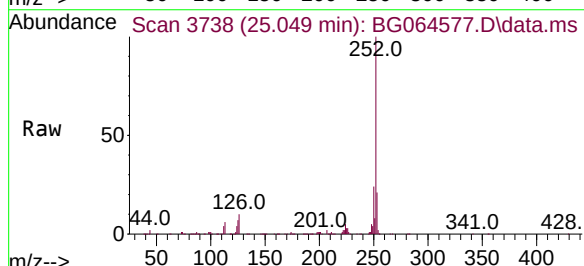
Tgt Ion:252 Resp: 652126

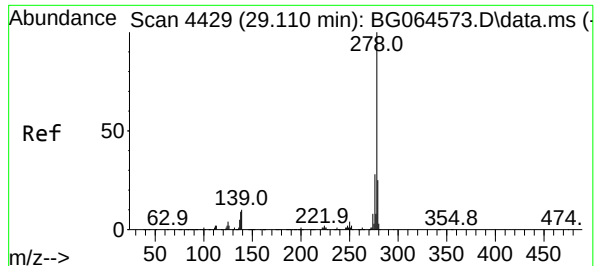
Ion Ratio Lower Upper

252 100

253 21.3 17.6 26.4

125 6.9 6.1 9.1

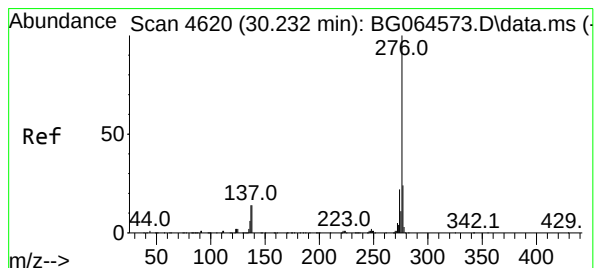
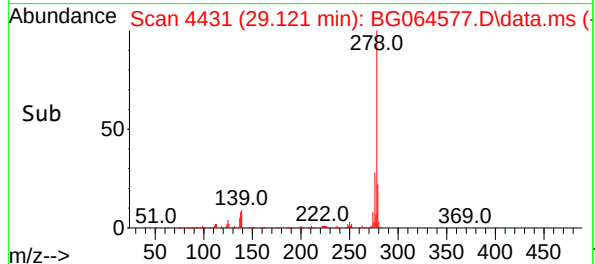
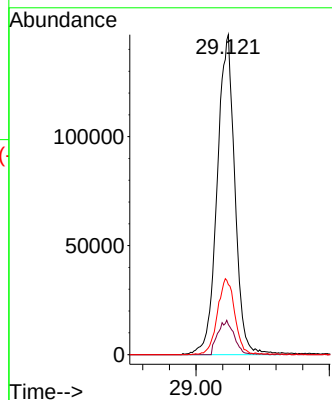
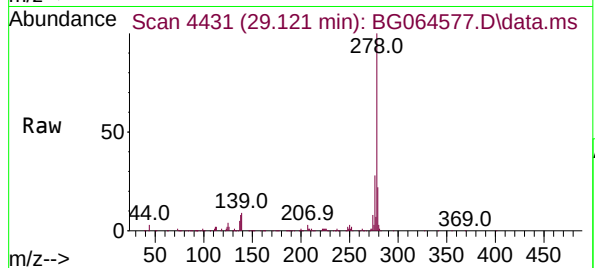




#91
Dibenzo(a,h)anthracene
Concen: 36.776 ng
RT: 29.121 min Scan# 4429
Delta R.T. 0.011 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

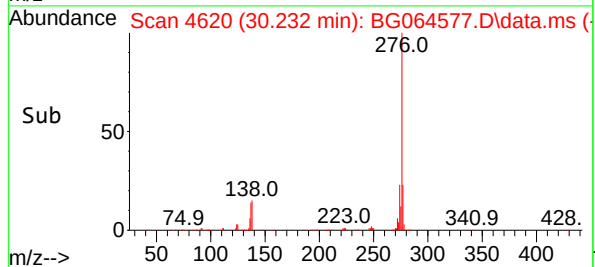
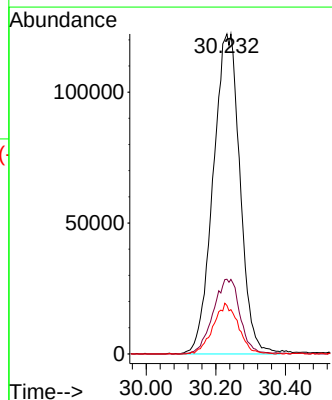
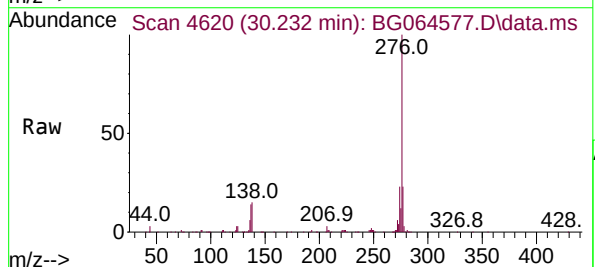
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion:278 Resp: 674510
Ion Ratio Lower Upper
278 100
139 9.4 8.0 12.0
279 21.9 19.8 29.6



#92
Benzo(g,h,i)perylene
Concen: 37.302 ng
RT: 30.232 min Scan# 4620
Delta R.T. -0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:276 Resp: 653564
Ion Ratio Lower Upper
276 100
277 23.3 19.1 28.7
138 15.1 11.3 16.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064577.D
 Acq On : 24 Oct 2025 16:47
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG102425

Quant Time: Nov 04 00:39:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	93	0.00
2	1,4-Dioxane	40.000	33.820	15.4	79	0.00
3	Pyridine	40.000	33.313	16.7	73	0.00
4	n-Nitrosodimethylamine	40.000	36.025	9.9	79	0.00
5 S	2-Fluorophenol	80.000	70.535	11.8	75	0.00
6	Aniline	40.000	38.118	4.7	82	0.00
7 S	Phenol-d6	80.000	74.109	7.4	79	0.00
8	2-Chlorophenol	40.000	36.981	7.5	78	0.00
9	Benzaldehyde	40.000	50.923	-27.3#	112	0.00
10 C	Phenol	40.000	36.410	9.0	78	0.00
11	bis(2-Chloroethyl)ether	40.000	34.973	12.6	78	0.00
12	1,3-Dichlorobenzene	40.000	36.085	9.8	79	0.00
13 C	1,4-Dichlorobenzene	40.000	37.634	5.9	83	0.00
14	1,2-Dichlorobenzene	40.000	36.924	7.7	81	0.00
15	Benzyl Alcohol	40.000	37.995	5.0	83	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	36.163	9.6	78	0.00
17	2-Methylphenol	40.000	38.466	3.8	84	0.00
18	Hexachloroethane	40.000	35.743	10.6	78	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	39.572	1.1	84	0.00
20	3+4-Methylphenols	40.000	37.882	5.3	81	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	95	0.00
22	Acetophenone	40.000	37.806	5.5	84	0.00
23 S	Nitrobenzene-d5	80.000	76.738	4.1	81	0.00
24	Nitrobenzene	40.000	39.305	1.7	83	0.00
25	Isophorone	40.000	37.733	5.7	83	0.00
26 C	2-Nitrophenol	40.000	35.498	11.3	84	0.00
27	2,4-Dimethylphenol	40.000	40.491	-1.2	86	0.00
28	bis(2-Chloroethoxy)methane	40.000	36.953	7.6	82	0.00
29 C	2,4-Dichlorophenol	40.000	38.190	4.5	81	0.00
30	1,2,4-Trichlorobenzene	40.000	37.945	5.1	84	0.00
31	Naphthalene	40.000	35.709	10.7	80	0.00
32	Benzoic acid	40.000	29.620	25.9#	65	-0.01
33	4-Chloroaniline	40.000	41.287	-3.2	92	0.00
34 C	Hexachlorobutadiene	40.000	35.242	11.9	80	0.00
35	Caprolactam	40.000	36.326	9.2	79	0.00
36 C	4-Chloro-3-methylphenol	40.000	38.049	4.9	82	0.00
37	2-Methylnaphthalene	40.000	33.388	16.5	75	0.00
38	1-Methylnaphthalene	40.000	35.513	11.2	80	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	95	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	37.146	7.1	84	0.00
41 P	Hexachlorocyclopentadiene	40.000	50.669	-26.7#	112	0.00
42 S	2,4,6-Tribromophenol	80.000	75.074	6.2	81	0.00
43 C	2,4,6-Trichlorophenol	40.000	38.726	3.2	84	0.00
44	2,4,5-Trichlorophenol	40.000	37.228	6.9	81	0.00
45 S	2-Fluorobiphenyl	80.000	72.599	9.3	82	0.00
46	1,1'-Biphenyl	40.000	37.331	6.7	85	0.00
47	2-Chloronaphthalene	40.000	36.205	9.5	82	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064577.D
 Acq On : 24 Oct 2025 16:47
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG102425

Quant Time: Nov 04 00:39:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	36.129	9.7	87	0.00
49	Acenaphthylene	40.000	41.457	-3.6	93	0.00
50	Dimethylphthalate	40.000	36.890	7.8	82	0.00
51	2,6-Dinitrotoluene	40.000	39.971	0.1	96	0.00
52 C	Acenaphthene	40.000	35.340	11.6	80	0.00
53	3-Nitroaniline	40.000	42.080	-5.2	89	0.00
54 P	2,4-Dinitrophenol	40.000	33.991	15.0	82	0.00
55	Dibenzofuran	40.000	36.096	9.8	82	0.00
56 P	4-Nitrophenol	40.000	33.818	15.5	75	0.00
57	2,4-Dinitrotoluene	40.000	35.957	10.1	85	0.00
58	Fluorene	40.000	36.238	9.4	82	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	40.525	-1.3	88	0.00
60	Diethylphthalate	40.000	35.961	10.1	81	0.00
61	4-Chlorophenyl-phenylether	40.000	35.902	10.2	81	0.00
62	4-Nitroaniline	40.000	37.867	5.3	81	0.00
63	Azobenzene	40.000	36.325	9.2	81	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	93	0.00
65	4,6-Dinitro-2-methylphenol	40.000	34.885	12.8	82	0.00
66 c	n-Nitrosodiphenylamine	40.000	38.325	4.2	82	0.00
67	4-Bromophenyl-phenylether	40.000	38.044	4.9	81	0.00
68	Hexachlorobenzene	40.000	36.971	7.6	79	0.00
69	Atrazine	40.000	38.558	3.6	85	0.00
70 C	Pentachlorophenol	40.000	34.829	12.9	76	0.00
71	Phenanthrene	40.000	35.925	10.2	78	0.00
72	Anthracene	40.000	36.210	9.5	79	0.00
73	Carbazole	40.000	35.061	12.3	77	0.00
74	Di-n-butylphthalate	40.000	34.688	13.3	73	0.00
75 C	Fluoranthene	40.000	34.070	14.8	75	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	88	0.00
77	Benzydine	40.000	54.203	-35.5#	109	0.00
78	Pyrene	40.000	36.130	9.7	74	0.00
79 S	Terphenyl-d14	80.000	74.019	7.5	76	0.00
80	Butylbenzylphthalate	40.000	38.702	3.2	75	0.00
81	Benzo(a)anthracene	40.000	36.287	9.3	75	0.00
82	3,3'-Dichlorobenzidine	40.000	40.813	-2.0	83	0.00
83	Chrysene	40.000	35.533	11.2	74	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	37.470	6.3	73	0.00
85 c	Di-n-octyl phthalate	40.000	36.087	9.8	73	0.00
86 I	Perylene-d12	20.000	20.000	0.0	87	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	36.366	9.1	75	0.00
88	Benzo(b)fluoranthene	40.000	36.235	9.4	74	0.00
89	Benzo(k)fluoranthene	40.000	37.252	6.9	78	0.00
90 C	Benzo(a)pyrene	40.000	37.700	5.7	77	0.00
91	Dibenzo(a,h)anthracene	40.000	36.776	8.1	76	0.01
92	Benzo(g,h,i)perylene	40.000	37.302	6.7	77	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064577.D
Acq On : 24 Oct 2025 16:47
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Quant Time: Nov 04 00:39:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064577.D
 Acq On : 24 Oct 2025 16:47
 Operator : RC/JU
 Sample : SSTDICV040
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Quant Time: Nov 04 00:39:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
2	1,4-Dioxane	0.528	0.446	15.5	79	0.00
3	Pyridine	1.584	1.319	16.7	73	0.00
4	n-Nitrosodimethylamine	0.850	0.765	10.0	79	0.00
5 S	2-Fluorophenol	1.192	1.051	11.8	75	0.00
6	Aniline	2.225	2.120	4.7	82	0.00
7 S	Phenol-d6	1.635	1.515	7.3	79	0.00
8	2-Chlorophenol	1.247	1.153	7.5	78	0.00
9	Benzaldehyde	0.893	1.136	-27.2#	112	0.00
10 C	Phenol	1.808	1.646	9.0	78	0.00
11	bis(2-Chloroethyl)ether	1.329	1.162	12.6	78	0.00
12	1,3-Dichlorobenzene	1.435	1.295	9.8	79	0.00
13 C	1,4-Dichlorobenzene	1.460	1.373	6.0	83	0.00
14	1,2-Dichlorobenzene	1.408	1.300	7.7	81	0.00
15	Benzyl Alcohol	1.348	1.281	5.0	83	0.00
16	2,2'-oxybis(1-Chloropropane	3.487	3.153	9.6	78	0.00
17	2-Methylphenol	1.201	1.155	3.8	84	0.00
18	Hexachloroethane	0.512	0.458	10.5	78	0.00
19 P	n-Nitroso-di-n-propylamine	1.130	1.118	1.1	84	0.00
20	3+4-Methylphenols	1.688	1.599	5.3	81	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	95	0.00
22	Acetophenone	0.547	0.517	5.5	84	0.00
23 S	Nitrobenzene-d5	0.333	0.319	4.2	81	0.00
24	Nitrobenzene	0.362	0.356	1.7	83	0.00
25	Isophorone	0.799	0.754	5.6	83	0.00
26 C	2-Nitrophenol	0.121	0.121	0.0	84	0.00
27	2,4-Dimethylphenol	0.297	0.301	-1.3	86	0.00
28	bis(2-Chloroethoxy)methane	0.455	0.420	7.7	82	0.00
29 C	2,4-Dichlorophenol	0.320	0.305	4.7	81	0.00
30	1,2,4-Trichlorobenzene	0.363	0.345	5.0	84	0.00
31	Naphthalene	1.109	0.990	10.7	80	0.00
32	Benzoic acid	0.207	0.153	26.1#	65	-0.01
33	4-Chloroaniline	0.431	0.445	-3.2	92	0.00
34 C	Hexachlorobutadiene	0.284	0.250	12.0	80	0.00
35	Caprolactam	0.123	0.111	9.8	79	0.00
36 C	4-Chloro-3-methylphenol	0.384	0.366	4.7	82	0.00
37	2-Methylnaphthalene	0.814	0.680	16.5	75	0.00
38	1-Methylnaphthalene	0.806	0.716	11.2	80	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	95	0.00
40	1,2,4,5-Tetrachlorobenzene	0.671	0.623	7.2	84	0.00
41 P	Hexachlorocyclopentadiene	0.302	0.383	-26.8#	112	0.00
42 S	2,4,6-Tribromophenol	0.289	0.271	6.2	81	0.00
43 C	2,4,6-Trichlorophenol	0.384	0.372	3.1	84	0.00
44	2,4,5-Trichlorophenol	0.443	0.412	7.0	81	0.00
45 S	2-Fluorobiphenyl	1.319	1.197	9.2	82	0.00
46	1,1'-Biphenyl	1.422	1.327	6.7	85	0.00
47	2-Chloronaphthalene	1.073	0.971	9.5	82	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064577.D
 Acq On : 24 Oct 2025 16:47
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG102425

Quant Time: Nov 04 00:39:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.311	0.318	-2.3	87	0.00
49	Acenaphthylene	1.693	1.755	-3.7	93	0.00
50	Dimethylphthalate	1.530	1.411	7.8	82	0.00
51	2,6-Dinitrotoluene	0.218	0.249	-14.2	96	0.00
52 C	Acenaphthene	1.157	1.022	11.7	80	0.00
53	3-Nitroaniline	0.263	0.277	-5.3	89	0.00
54 P	2,4-Dinitrophenol	0.132	0.118	10.6	82	0.00
55	Dibenzofuran	1.870	1.687	9.8	82	0.00
56 P	4-Nitrophenol	0.244	0.206	15.6	75	0.00
57	2,4-Dinitrotoluene	0.340	0.343	-0.9	85	0.00
58	Fluorene	1.460	1.323	9.4	82	0.00
59	2,3,4,6-Tetrachlorophenol	0.424	0.429	-1.2	88	0.00
60	Diethylphthalate	1.563	1.405	10.1	81	0.00
61	4-Chlorophenyl-phenylether	0.820	0.736	10.2	81	0.00
62	4-Nitroaniline	0.293	0.277	5.5	81	0.00
63	Azobenzene	1.434	1.302	9.2	81	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	93	0.00
65	4,6-Dinitro-2-methylphenol	0.079	0.073	7.6	82	0.00
66 c	n-Nitrosodiphenylamine	0.540	0.518	4.1	82	0.00
67	4-Bromophenyl-phenylether	0.237	0.225	5.1	81	0.00
68	Hexachlorobenzene	0.270	0.250	7.4	79	0.00
69	Atrazine	0.232	0.224	3.4	85	0.00
70 C	Pentachlorophenol	0.169	0.147	13.0	76	0.00
71	Phenanthrene	1.094	0.982	10.2	78	0.00
72	Anthracene	1.113	1.007	9.5	79	0.00
73	Carbazole	0.981	0.860	12.3	77	0.00
74	Di-n-butylphthalate	1.134	0.984	13.2	73	0.00
75 C	Fluoranthene	1.370	1.167	14.8	75	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	88	0.00
77	Benzidine	0.448	0.607	-35.5#	109	0.00
78	Pyrene	1.307	1.180	9.7	74	0.00
79 S	Terphenyl-d14	1.060	0.981	7.5	76	0.00
80	Butylbenzylphthalate	0.395	0.382	3.3	75	0.00
81	Benzo(a)anthracene	1.326	1.203	9.3	75	0.00
82	3,3'-Dichlorobenzidine	0.443	0.452	-2.0	83	0.00
83	Chrysene	1.262	1.121	11.2	74	0.00
84	Bis(2-ethylhexyl)phthalate	0.590	0.553	6.3	73	0.00
85 c	Di-n-octyl phthalate	0.995	0.898	9.7	73	0.00
86 I	Perylene-d12	1.000	1.000	0.0	87	0.00
87	Indeno(1,2,3-cd)pyrene	1.471	1.338	9.0	75	0.00
88	Benzo(b)fluoranthene	1.226	1.111	9.4	74	0.00
89	Benzo(k)fluoranthene	1.227	1.143	6.8	78	0.00
90 C	Benzo(a)pyrene	1.127	1.062	5.8	77	0.00
91	Dibenzo(a,h)anthracene	1.195	1.099	8.0	76	0.01
92	Benzo(g,h,i)perylene	1.142	1.065	6.7	77	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064577.D
Acq On : 24 Oct 2025 16:47
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Quant Time: Nov 04 00:39:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: SPEC01
 Lab Code: ACE SDG No.: Q3551
 Instrument ID: BNA_G Calibration Date/Time: 11/07/2025 11:06
 Lab File ID: BG064713.D Init. Calib. Date(s): 10/24/2025 10/24/2025
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:00 15:32
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.192	1.167		-2.1	
Phenol-d6	1.635	1.530		-6.4	
Nitrobenzene-d5	0.333	0.407		22.2	
2-Fluorobiphenyl	1.319	1.406		6.6	
2,4,6-Tribromophenol	0.289	0.381		31.8	
Terphenyl-d14	1.060	1.075		1.4	
Bis(2-ethylhexyl)phthalate	0.590	0.615		4.2	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
 Data File : BG064713.D
 Acq On : 7 Nov 2025 11:06
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations**APPROVED**

Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025

Quant Time: Nov 07 11:43:32 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Nov 03 18:16:26 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.200	152	36743	20.000	ng	-0.02
21) Naphthalene-d8	11.026	136	147163	20.000	ng	#-0.02
39) Acenaphthene-d10	14.822	164	116573	20.000	ng	-0.02
64) Phenanthrene-d10	17.560	188	282159	20.000	ng	#-0.02
76) Chrysene-d12	21.831	240	330480	20.000	ng	#-0.03
86) Perylene-d12	25.151	264	365451	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.733	112	171573	78.378	ng	-0.02
7) Phenol-d6	7.342	99	224806	74.840	ng	-0.01
23) Nitrobenzene-d5	9.364	82	239568	97.776	ng	-0.02
42) 2,4,6-Tribromophenol	16.303	330	177488	105.491	ng	-0.02
45) 2-Fluorobiphenyl	13.453	172	655475	85.228	ng	-0.02
79) Terphenyl-d14	20.151	244	1420804	81.133	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.570	88	32859	33.905	ng	97
3) Pyridine	3.982	79	97056	33.348	ng	99
4) n-Nitrosodimethylamine	3.888	42	51521	33.011	ng	92
6) Aniline	7.513	93	148976	36.448	ng	98
8) 2-Chlorophenol	7.760	128	95777	41.801	ng	99
9) Benzaldehyde	7.325	77	63351	38.631	ng	98
10) Phenol	7.366	94	123088	37.053	ng	93
11) bis(2-Chloroethyl)ether	7.607	93	91094	37.297	ng	96
12) 1,3-Dichlorobenzene	8.089	146	108210	41.033	ng	97
13) 1,4-Dichlorobenzene	8.236	146	110717	41.290	ng	97
14) 1,2-Dichlorobenzene	8.559	146	108572	41.979	ng	96
15) Benzyl Alcohol	8.429	79	94864	38.298	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.717	45	223389	34.869	ng	98
17) 2-Methylphenol	8.635	107	89161	40.425	ng	97
18) Hexachloroethane	9.299	117	40361	42.892	ng	92
19) n-Nitroso-di-n-propyla...	9.005	70	78371	37.752	ng	98
20) 3+4-Methylphenols	8.964	107	119498	38.526	ng	98
22) Acetophenone	9.023	105	160769	39.964	ng	# 97
24) Nitrobenzene	9.411	77	122920	46.125	ng	97
25) Isophorone	9.934	82	225829	38.411	ng	98
26) 2-Nitrophenol	10.122	139	56189	54.213	ng	# 89
27) 2,4-Dimethylphenol	10.174	122	86353	39.486	ng	97
28) bis(2-Chloroethoxy)met...	10.415	93	126829	37.888	ng	99
29) 2,4-Dichlorophenol	10.662	162	109496	46.524	ng	95
30) 1,2,4-Trichlorobenzene	10.885	180	122996	45.995	ng	100
31) Naphthalene	11.079	128	334614	41.010	ng	99
32) Benzoic acid	10.292	122	67539m	41.489	ng	
33) 4-Chloroaniline	11.173	127	123243	38.862	ng	98
34) Hexachlorobutadiene	11.367	225	104953	50.186	ng	98
35) Caprolactam	11.943	113	30173	33.426	ng	# 92
36) 4-Chloro-3-methylphenol	12.278	107	120216	42.494	ng	99
37) 2-Methylnaphthalene	12.672	142	248999	41.566	ng	99
38) 1-Methylnaphthalene	12.889	142	240484	40.552	ng	98
40) 1,2,4,5-Tetrachloroben...	13.030	216	186923	47.779	ng	99
41) Hexachlorocyclopentadiene	13.018	237	82570	46.890	ng	99
43) 2,4,6-Trichlorophenol	13.259	196	111636	49.885	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
 Data File : BG064713.D
 Acq On : 7 Nov 2025 11:06
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/10/2025
 Supervised By :Jagrut Upadhyay 11/10/2025

Quant Time: Nov 07 11:43:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.335	196	124707	48.290	ng	94
46) 1,1'-Biphenyl	13.664	154	342316	41.305	ng	96
47) 2-Chloronaphthalene	13.706	162	268230	42.878	ng	98
48) 2-Nitroaniline	13.894	65	89345	42.910	ng	96
49) Acenaphthylene	14.546	152	404664	41.011	ng	99
50) Dimethylphthalate	14.270	163	359892	40.346	ng	99
51) 2,6-Dinitrotoluene	14.381	165	71415	48.486	ng	94
52) Acenaphthene	14.887	154	273895	40.629	ng	96
53) 3-Nitroaniline	14.710	138	69835	45.555	ng #	98
54) 2,4-Dinitrophenol	14.916	184	28967	35.411	ng #	42
55) Dibenzofuran	15.216	168	450645	41.348	ng	98
56) 4-Nitrophenol	15.004	139	52857	37.190	ng	91
57) 2,4-Dinitrotoluene	15.163	165	106876	47.030	ng #	95
58) Fluorene	15.868	166	347622	40.841	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.439	232	122631	49.659	ng	96
60) Diethylphthalate	15.621	149	355754	39.060	ng	98
61) 4-Chlorophenyl-phenyle...	15.856	204	213560	44.709	ng	97
62) 4-Nitroaniline	15.868	138	73344	43.006	ng	90
63) Azobenzene	16.144	77	305194	36.520	ng	98
65) 4,6-Dinitro-2-methylph...	15.927	198	61856	49.614	ng	92
66) n-Nitrosodiphenylamine	16.062	169	308336	40.454	ng	100
67) 4-Bromophenyl-phenylether	16.749	248	156127	46.693	ng	95
68) Hexachlorobenzene	16.872	284	182874	47.941	ng	95
69) Atrazine	17.002	200	130742	39.861	ng	97
70) Pentachlorophenol	17.207	266	133934	56.305	ng	97
71) Phenanthrene	17.601	178	624086	40.446	ng	99
72) Anthracene	17.695	178	631750	40.249	ng	99
73) Carbazole	17.954	167	528187	38.161	ng	99
74) Di-n-butylphthalate	18.506	149	615150	38.434	ng	100
75) Fluoranthene	19.599	202	785690	40.646	ng	97
77) Benzidine	19.763	184	295431	39.901	ng	99
78) Pyrene	19.957	202	817523	37.863	ng	99
80) Butylbenzylphthalate	20.827	149	274936	42.130	ng	94
81) Benzo(a)anthracene	21.814	228	910033	41.530	ng	99
82) 3,3'-Dichlorobenzidine	21.714	252	324615	44.362	ng	98
83) Chrysene	21.878	228	867236	41.594	ng	99
84) Bis(2-ethylhexyl)phtha...	21.714	149	406286	41.665	ng #	99
85) Di-n-octyl phthalate	22.959	149	700940	42.635	ng #	94
87) Indeno(1,2,3-cd)pyrene	28.976	276	1136076	42.259	ng #	97
88) Benzo(b)fluoranthene	24.099	252	939317	41.916	ng #	97
89) Benzo(k)fluoranthene	24.170	252	928812m	41.419	ng	
90) Benzo(a)pyrene	24.998	252	860233	41.761	ng #	98
91) Dibenzo(a,h)anthracene	29.041	278	925527	42.375	ng	99
92) Benzo(g,h,i)perylene	30.163	276	878100	42.086	ng #	96

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

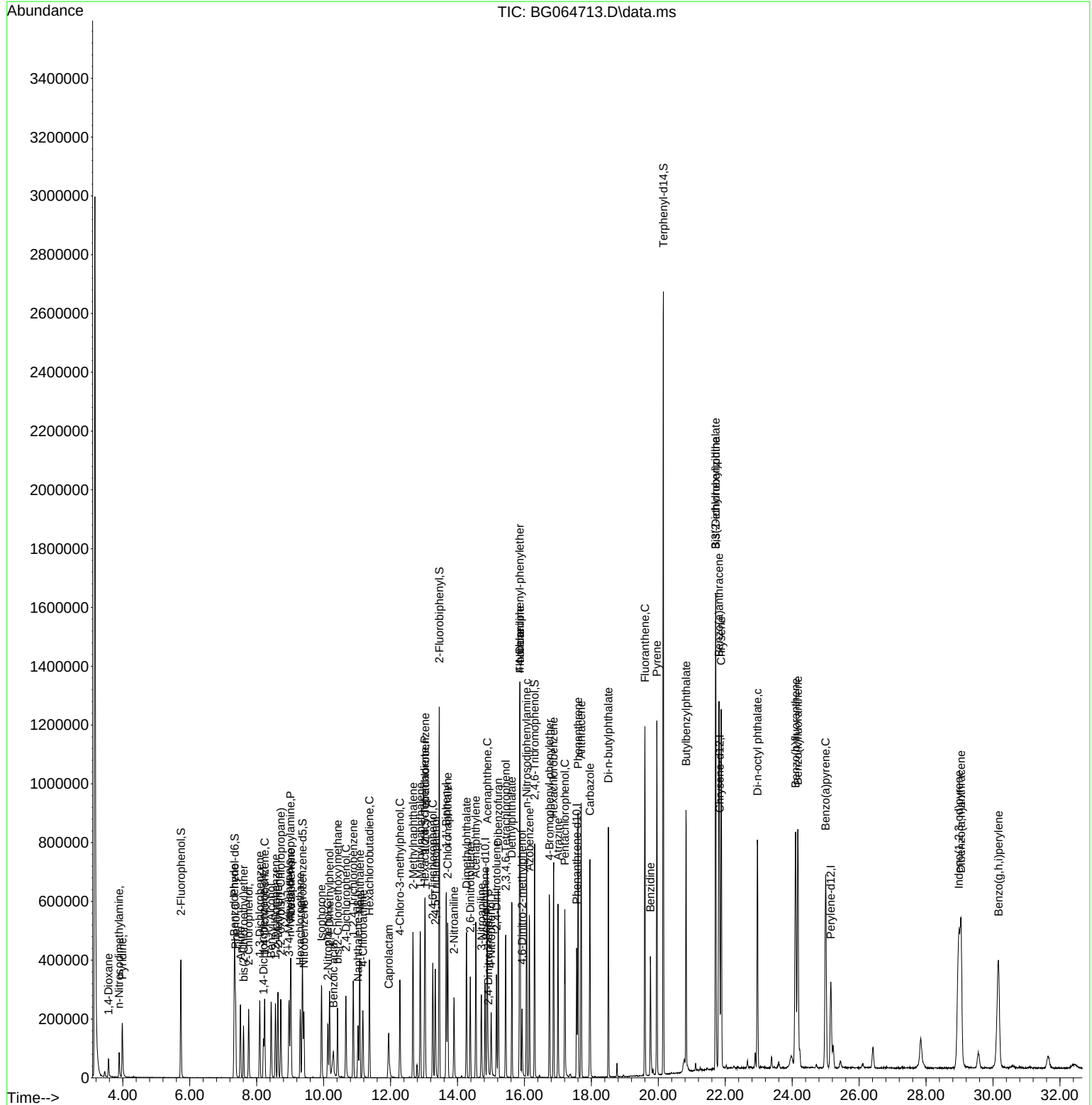
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Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\  
Data File : BG064713.D  
Acq On    : 7 Nov 2025 11:06  
Operator  : RC/JU  
Sample    : SSTDCCC040  
Misc      :  
ALS Vial  : 2 Sample Multiplier: 1
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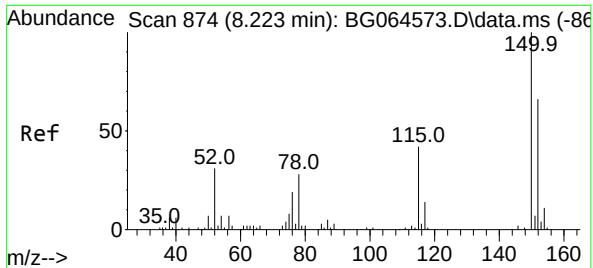
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations

Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

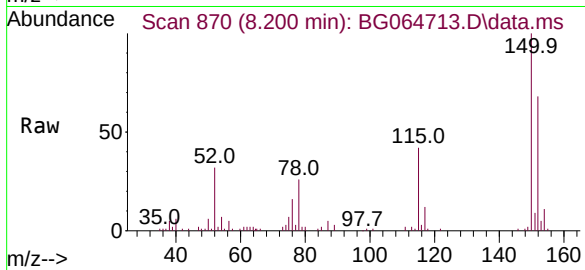
Quant Time: Nov 07 11:43:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.200 min Scan# 81
Delta R.T. -0.023 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

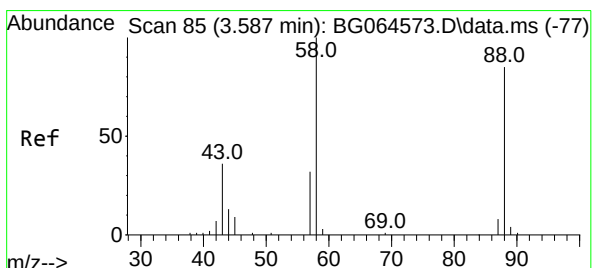
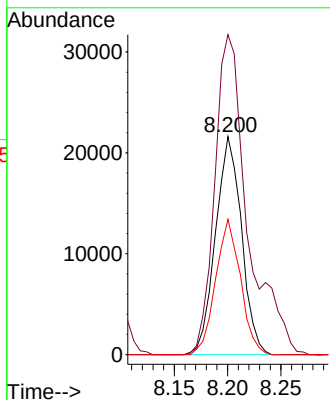
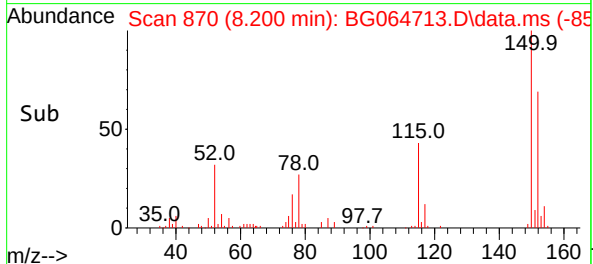
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:152 Resp: 36743
Ion Ratio Lower Upper
152 100
150 146.8 122.2 183.4
115 62.1 50.8 76.2

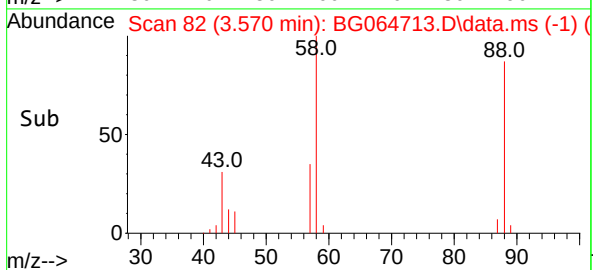
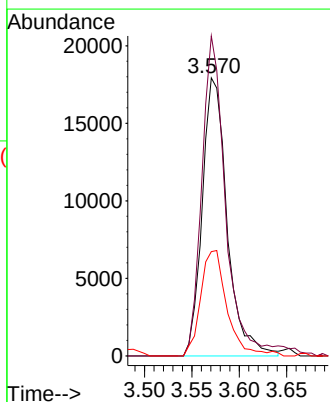
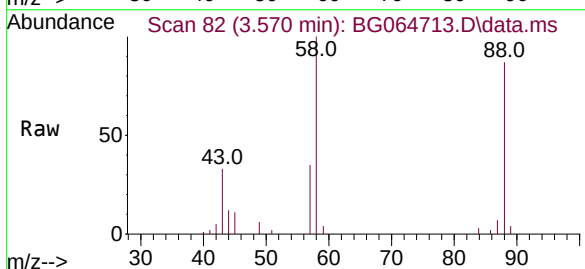
Manual Integrations
APPROVED

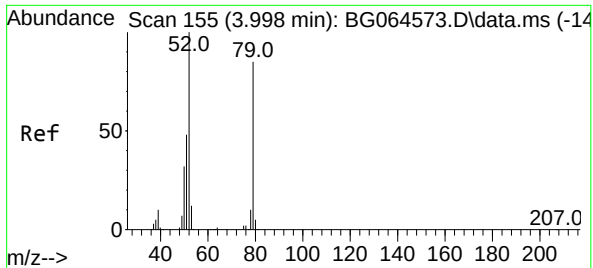
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#2
1,4-Dioxane
Concen: 33.905 ng
RT: 3.570 min Scan# 82
Delta R.T. -0.017 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

Tgt Ion: 88 Resp: 32859
Ion Ratio Lower Upper
88 100
58 111.4 92.4 138.6
43 40.0 33.0 49.6





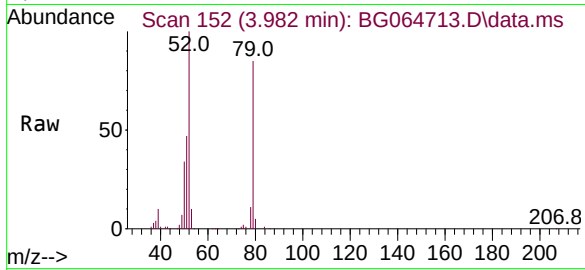
#3
Pyridine
Concen: 33.348 ng
RT: 3.982 min Scan# 11
Delta R.T. -0.017 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



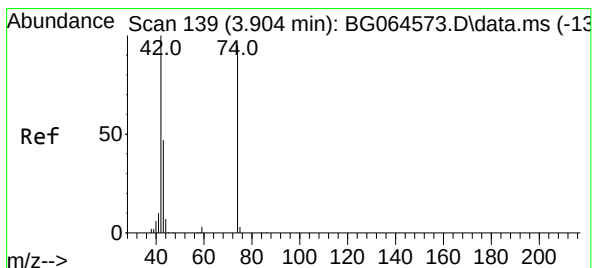
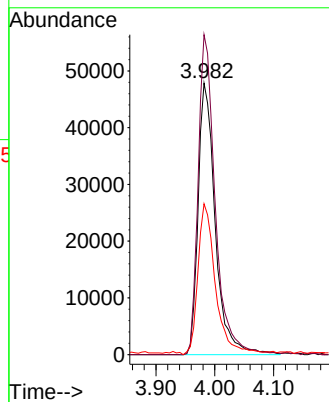
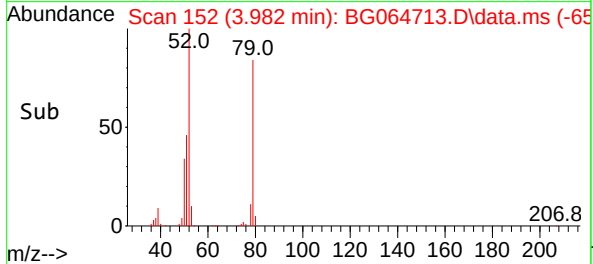
Tgt Ion: 79 Resp: 97056
Ion Ratio Lower Upper
79 100
52 117.9 94.2 141.2
51 55.6 46.1 69.1

Manual Integrations

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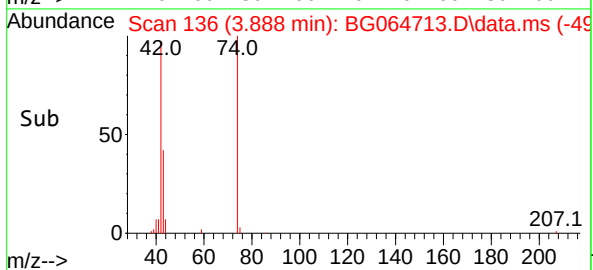
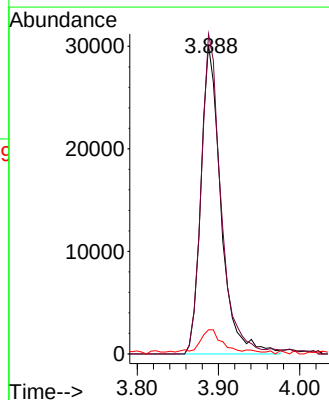
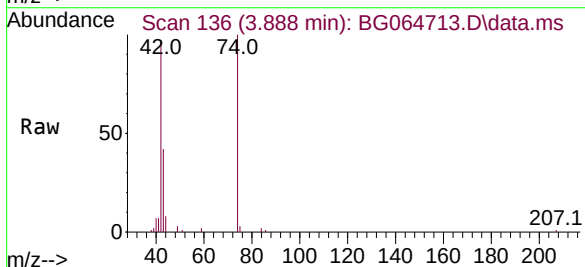
Reviewed By :Rahul Chavli 11/10/2025

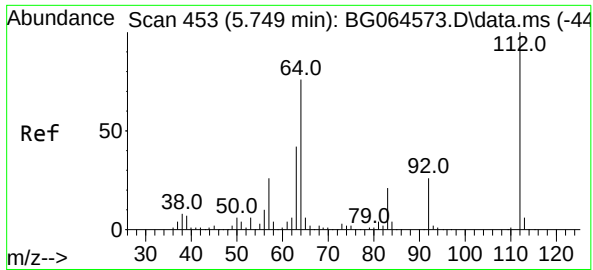
Supervised By :Jagrut Upadhyay 11/10/2025



#4
n-Nitrosodimethylamine
Concen: 33.011 ng
RT: 3.888 min Scan# 136
Delta R.T. -0.017 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

Tgt Ion: 42 Resp: 51521
Ion Ratio Lower Upper
42 100
74 103.5 76.1 114.1
44 7.8 6.3 9.5





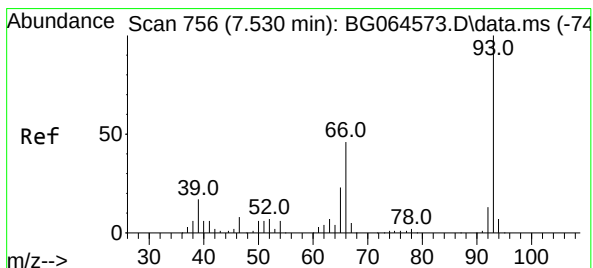
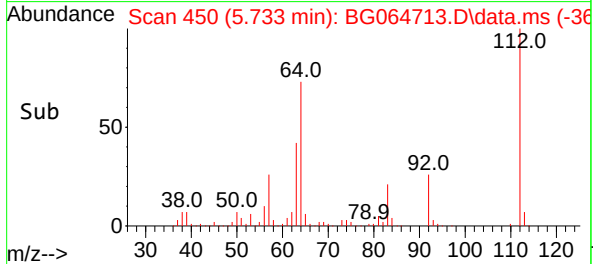
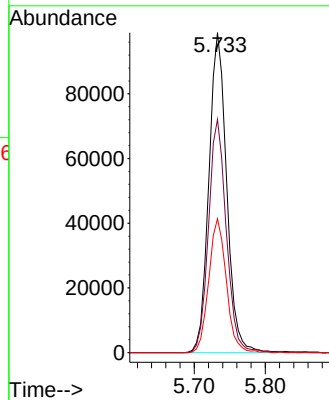
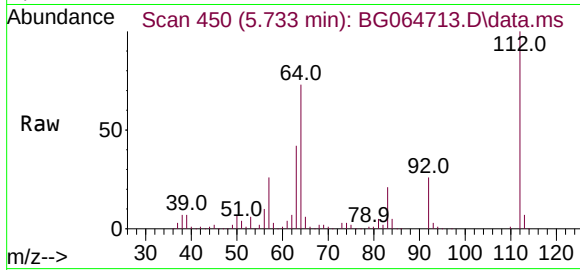
#5
2-Fluorophenol
Concen: 78.378 ng
RT: 5.733 min Scan# 411
Delta R.T. -0.017 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 171573
Ion Ratio Lower Upper
112 100
64 72.9 60.7 91.1
63 41.8 33.4 50.0

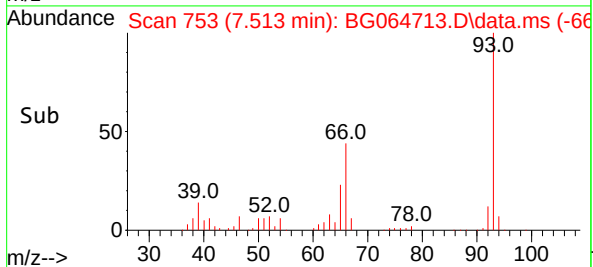
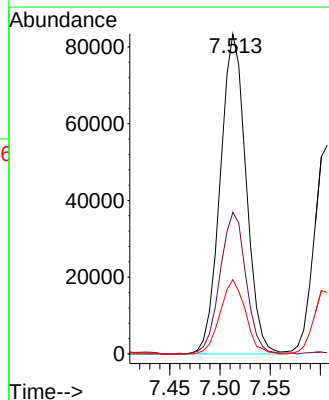
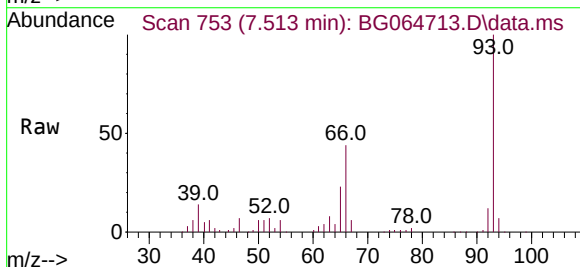
Manual Integrations
APPROVED

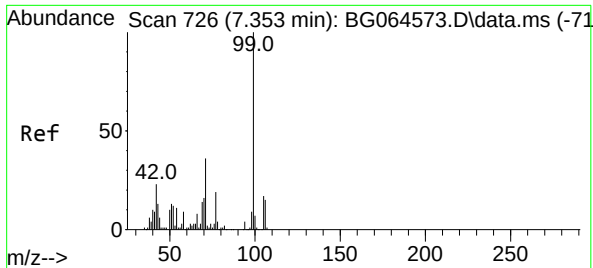
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#6
Aniline
Concen: 36.448 ng
RT: 7.513 min Scan# 753
Delta R.T. -0.017 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

Tgt Ion: 93 Resp: 148976
Ion Ratio Lower Upper
93 100
66 44.2 37.0 55.6
65 23.2 18.3 27.5





#7

Phenol-d6

Concen: 74.840 ng

RT: 7.342 min Scan# 71

Delta R.T. -0.011 min

Lab File: BG064713.D

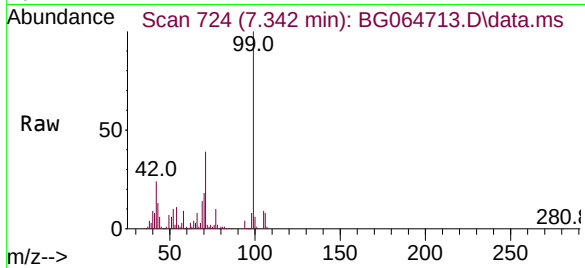
Acq: 7 Nov 2025 11:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion: 99 Resp: 224806

Ion Ratio Lower Upper

99 100

42 23.7 18.3 27.5

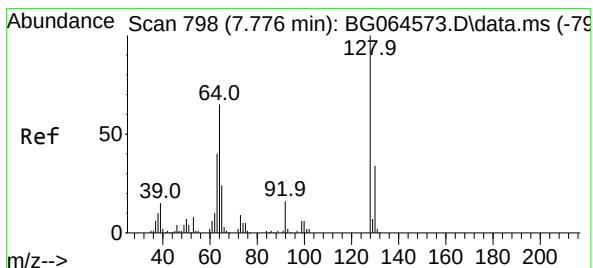
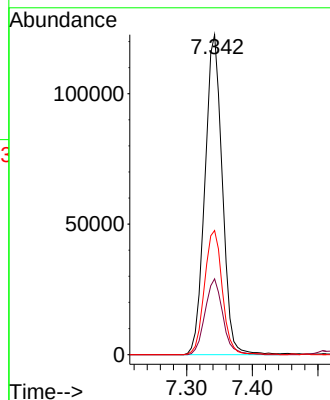
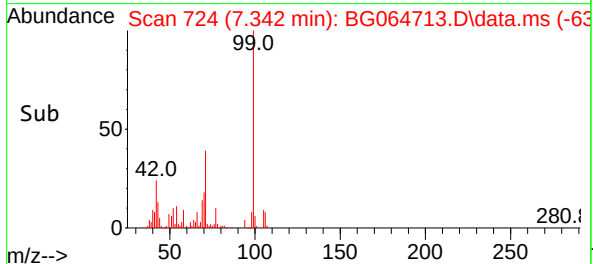
71 38.8 28.6 43.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#8

2-Chlorophenol

Concen: 41.801 ng

RT: 7.760 min Scan# 795

Delta R.T. -0.017 min

Lab File: BG064713.D

Acq: 7 Nov 2025 11:06

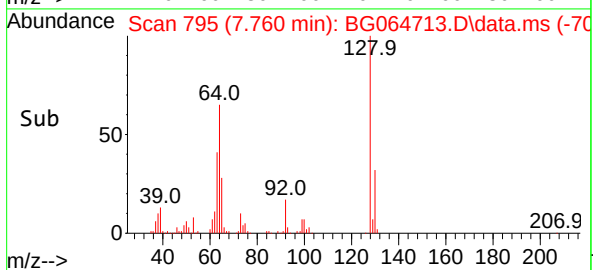
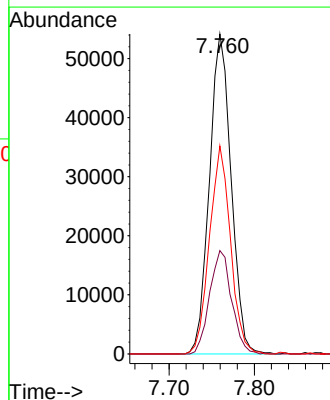
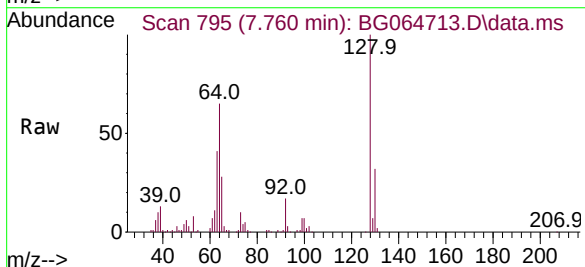
Tgt Ion:128 Resp: 95777

Ion Ratio Lower Upper

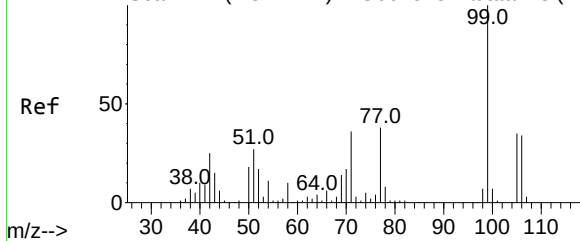
128 100

130 32.3 13.5 53.5

64 65.0 45.2 85.2



Abundance Scan 724 (7.342 min): BG064573.D\data.ms (-71



#9

Benzaldehyde

Concen: 38.631 ng

RT: 7.325 min Scan# 71

Delta R.T. -0.017 min

Lab File: BG064713.D

Acq: 7 Nov 2025 11:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 6335

Ion Ratio Lower Upper

77 100

105 93.1 72.9 112.9

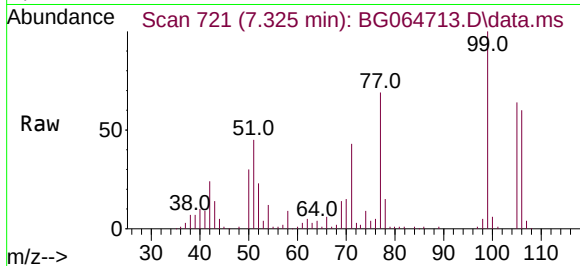
106 87.2 70.8 110.8

Manual Integrations

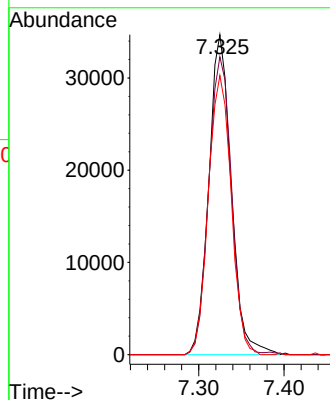
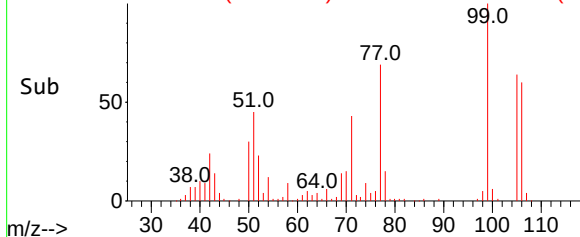
APPROVED

Reviewed By :Rahul Chavli 11/10/2025

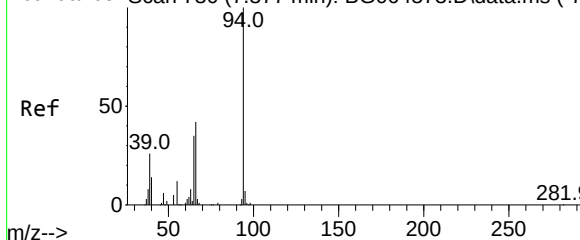
Supervised By :Jagrut Upadhyay 11/10/2025



Abundance Scan 721 (7.325 min): BG064713.D\data.ms (-70



Abundance Scan 730 (7.377 min): BG064573.D\data.ms (-72



#10

Phenol

Concen: 37.053 ng

RT: 7.366 min Scan# 728

Delta R.T. -0.011 min

Lab File: BG064713.D

Acq: 7 Nov 2025 11:06

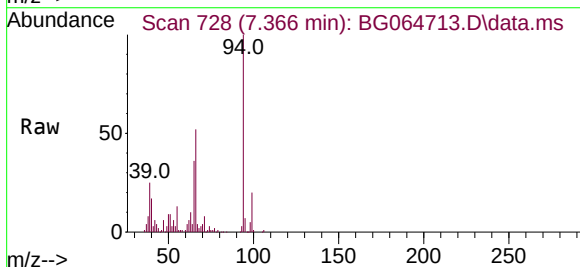
Tgt Ion: 94 Resp: 123088

Ion Ratio Lower Upper

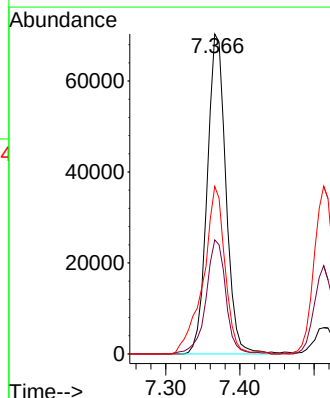
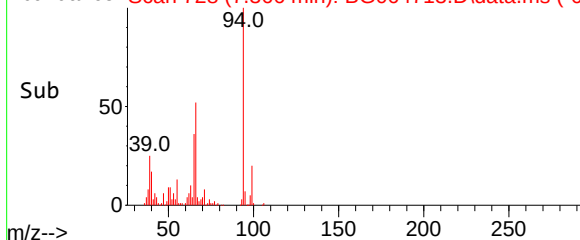
94 100

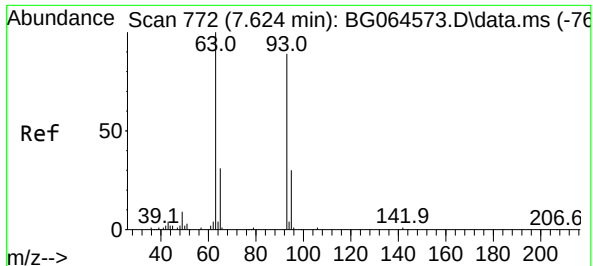
65 35.6 15.8 55.8

66 52.3 24.0 64.0



Abundance Scan 728 (7.366 min): BG064713.D\data.ms (-64





#11

bis(2-Chloroethyl)ether

Concen: 37.297 ng

RT: 7.607 min Scan# 769

Delta R.T. -0.017 min

Lab File: BG064713.D

Acq: 7 Nov 2025 11:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 91094

Ion Ratio Lower Upper

93 100

63 106.9 91.3 131.3

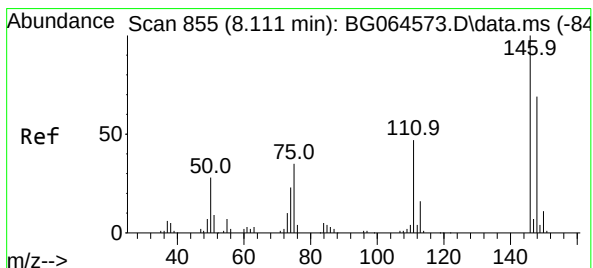
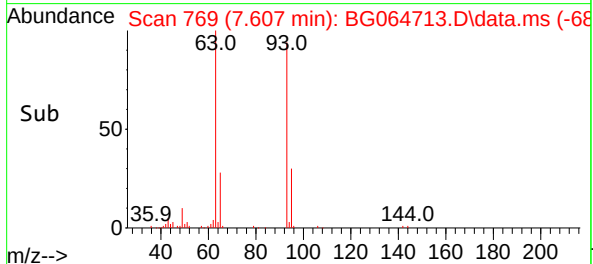
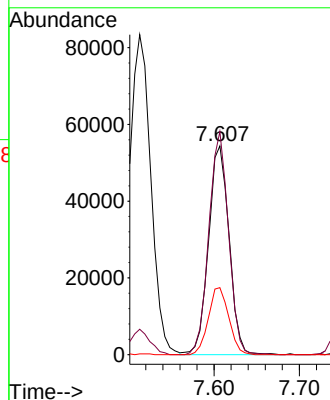
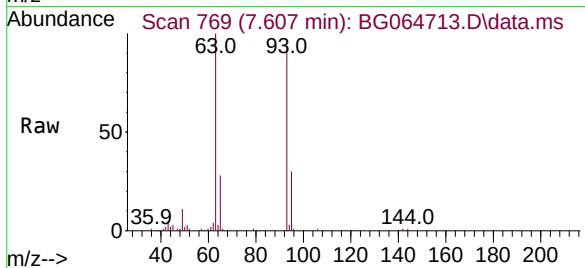
95 32.1 13.3 53.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#12

1,3-Dichlorobenzene

Concen: 41.033 ng

RT: 8.089 min Scan# 851

Delta R.T. -0.023 min

Lab File: BG064713.D

Acq: 7 Nov 2025 11:06

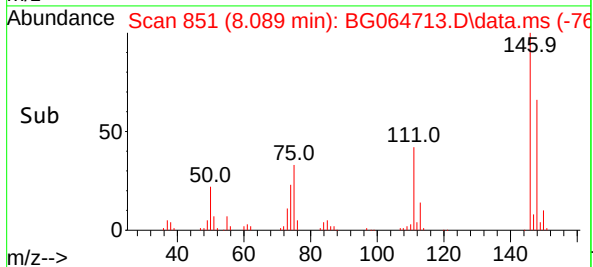
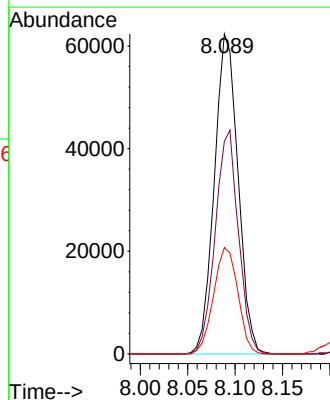
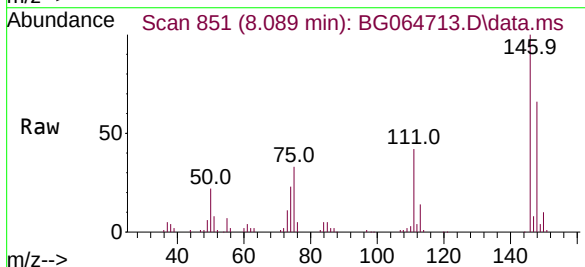
Tgt Ion:146 Resp: 108210

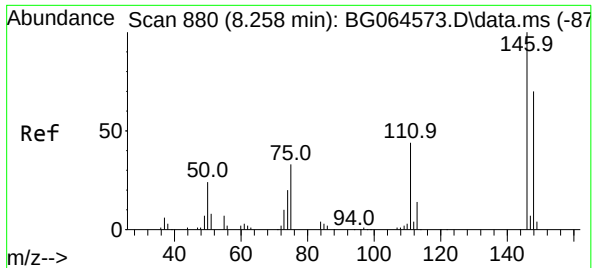
Ion Ratio Lower Upper

146 100

148 66.4 55.3 82.9

75 33.2 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 41.290 ng

RT: 8.236 min Scan# 81

Delta R.T. -0.023 min

Lab File: BG064713.D

Acq: 7 Nov 2025 11:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 11071

Ion Ratio Lower Upper

146 100

148 71.6 56.2 84.4

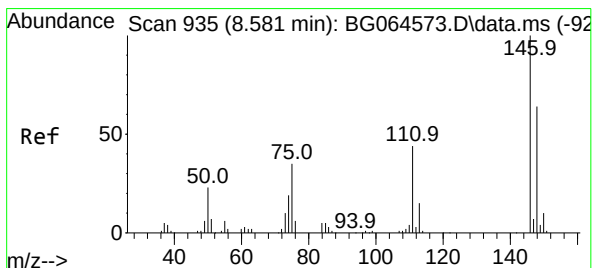
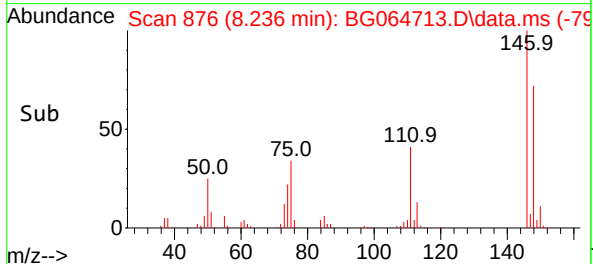
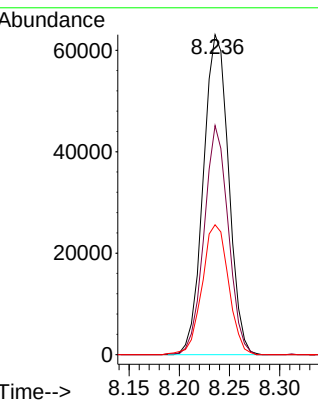
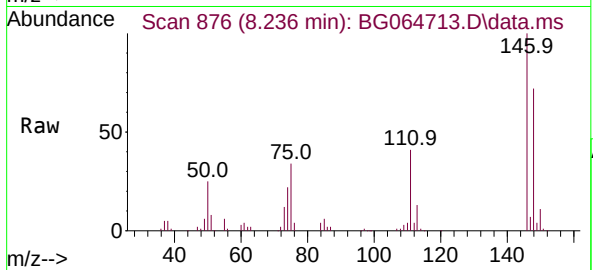
111 40.6 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#14

1,2-Dichlorobenzene

Concen: 41.979 ng

RT: 8.559 min Scan# 931

Delta R.T. -0.023 min

Lab File: BG064713.D

Acq: 7 Nov 2025 11:06

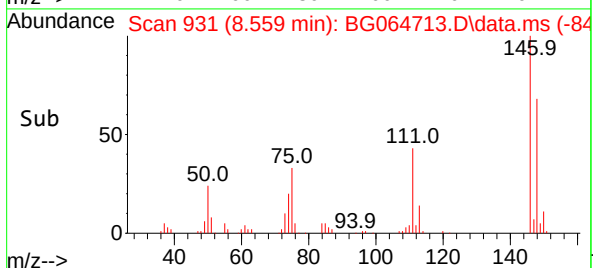
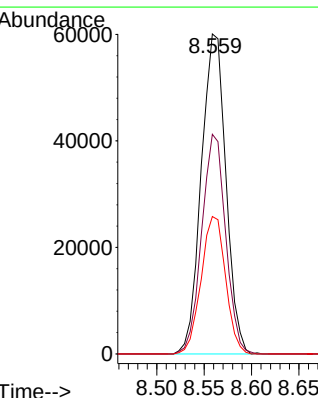
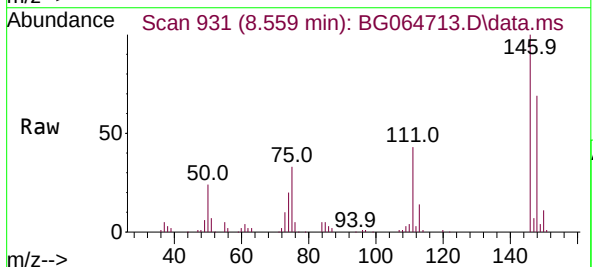
Tgt Ion:146 Resp: 108572

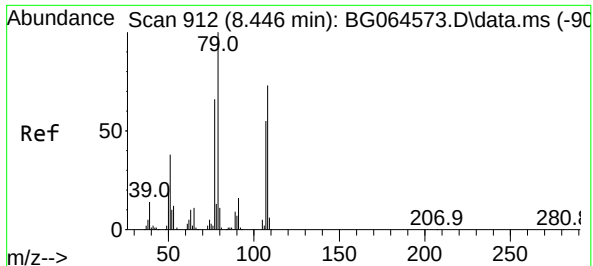
Ion Ratio Lower Upper

146 100

148 68.6 51.5 77.3

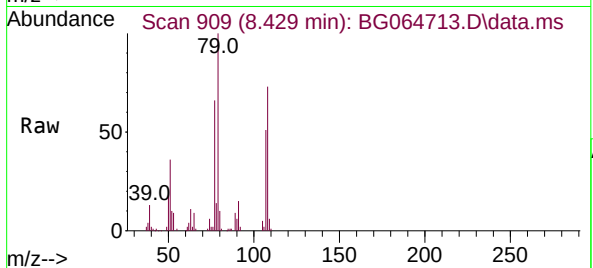
111 42.9 35.0 52.6





#15
Benzyl Alcohol
Concen: 38.298 ng
RT: 8.429 min Scan# 909
Delta R.T. -0.017 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

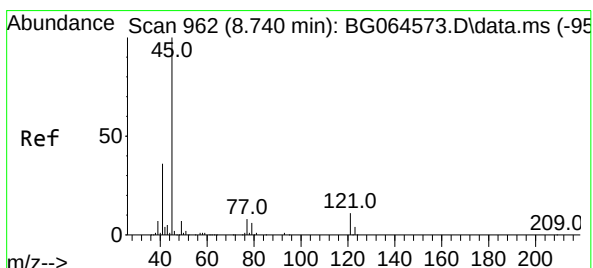
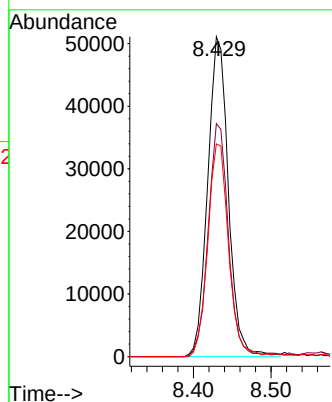
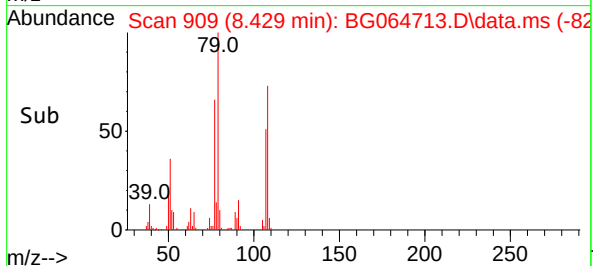
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 94864
Ion Ratio Lower Upper
79 100
108 72.8 58.1 87.1
77 66.5 52.8 79.2

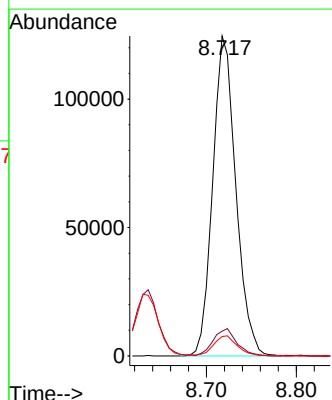
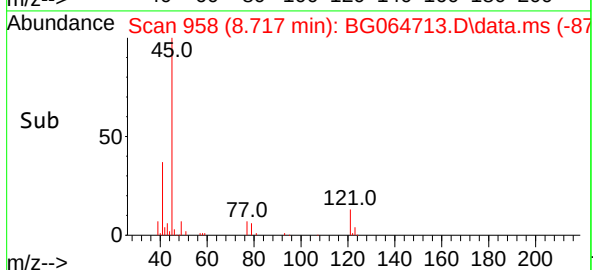
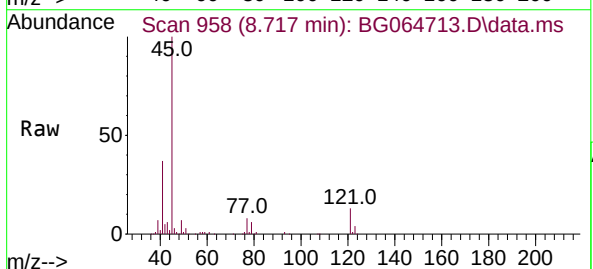
Manual Integrations
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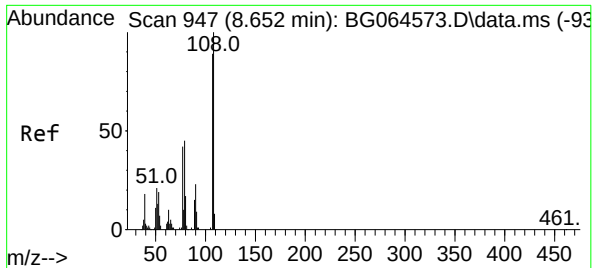
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.869 ng
RT: 8.717 min Scan# 958
Delta R.T. -0.023 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

Tgt Ion: 45 Resp: 223389
Ion Ratio Lower Upper
45 100
77 7.7 0.0 28.5
79 6.0 0.0 25.6





#17

2-Methylphenol

Concen: 40.425 ng

RT: 8.635 min Scan# 94

Delta R.T. -0.017 min

Lab File: BG064713.D

Acq: 7 Nov 2025 11:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 8916

Ion Ratio Lower Upper

107 100

108 111.7 90.0 135.0

77 51.6 37.8 56.8

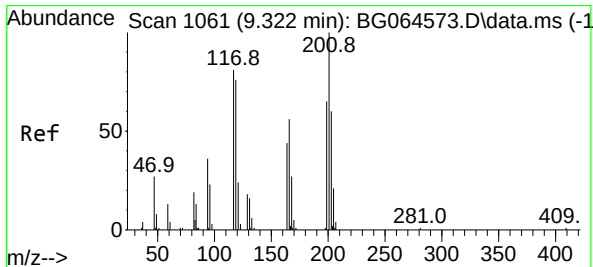
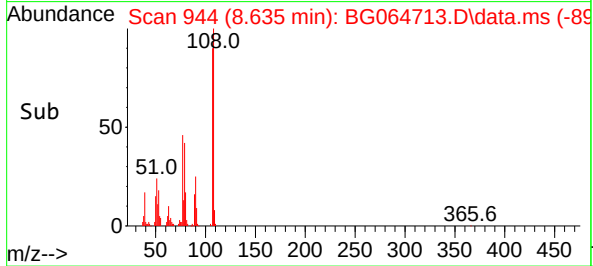
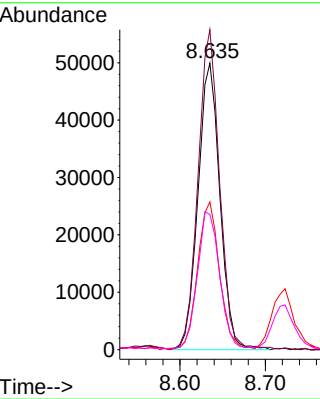
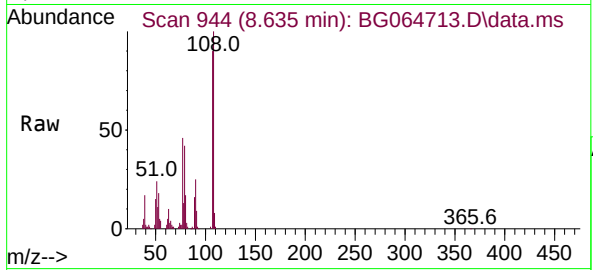
79 47.2 40.5 60.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#18

Hexachloroethane

Concen: 42.892 ng

RT: 9.299 min Scan# 1057

Delta R.T. -0.023 min

Lab File: BG064713.D

Acq: 7 Nov 2025 11:06

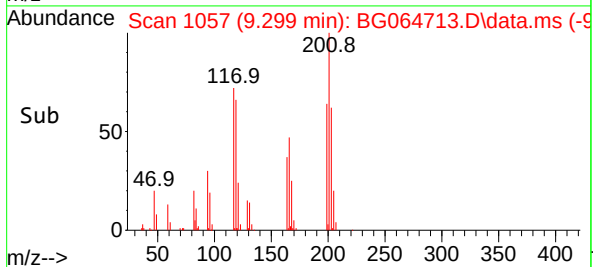
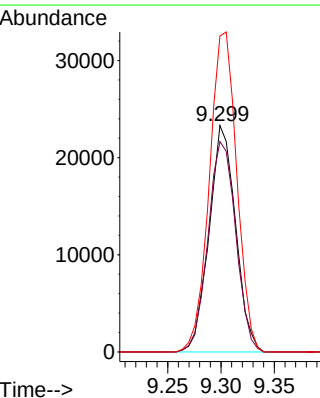
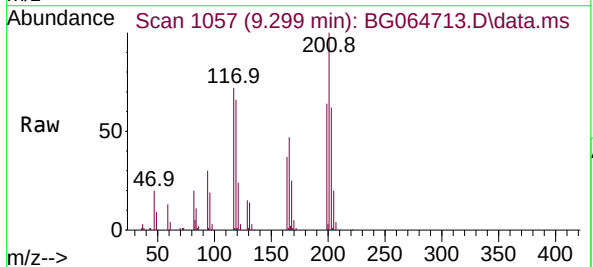
Tgt Ion:117 Resp: 40361

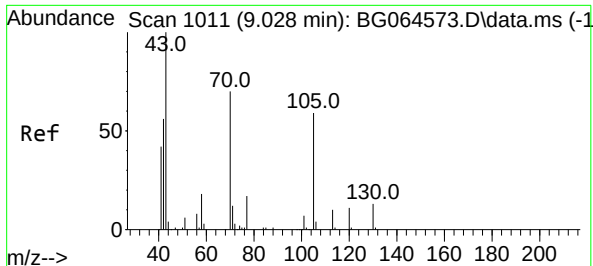
Ion Ratio Lower Upper

117 100

119 92.9 75.4 113.2

201 139.6 99.2 148.8





#19

n-Nitroso-di-n-propylamine

Concen: 37.752 ng

RT: 9.005 min Scan# 1007

Delta R.T. -0.023 min

Lab File: BG064713.D

Acq: 7 Nov 2025 11:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 7837

Ion Ratio Lower Upper

70 100

42 79.2 65.2 97.8

101 8.8 7.9 11.9

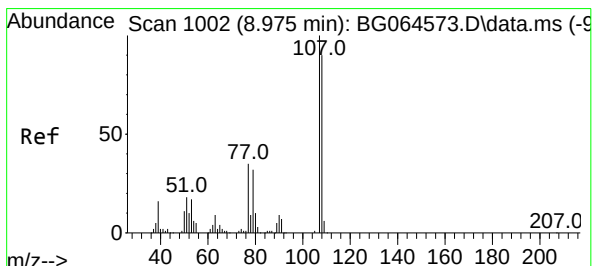
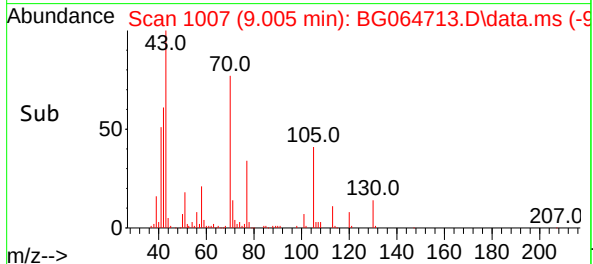
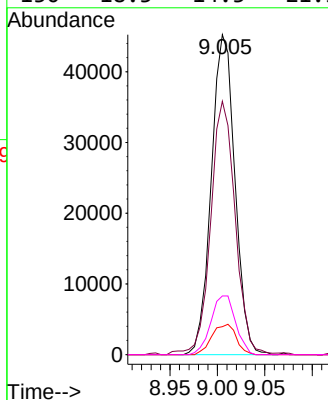
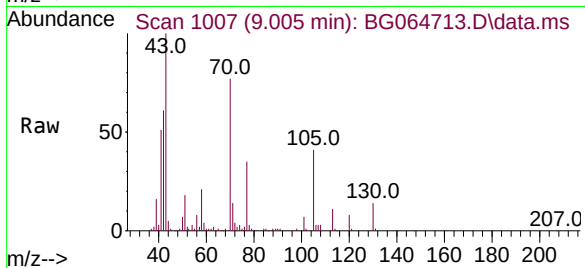
130 18.3 14.3 21.5

Manual Integrations

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Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#20

3+4-Methylphenols

Concen: 38.526 ng

RT: 8.964 min Scan# 1000

Delta R.T. -0.011 min

Lab File: BG064713.D

Acq: 7 Nov 2025 11:06

Tgt Ion:107 Resp: 119498

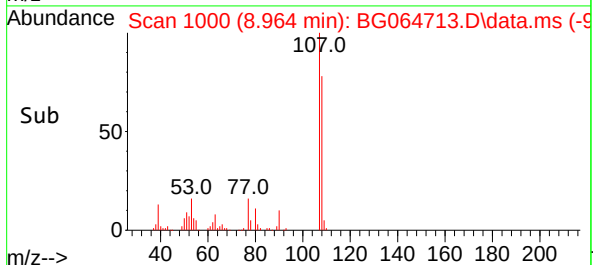
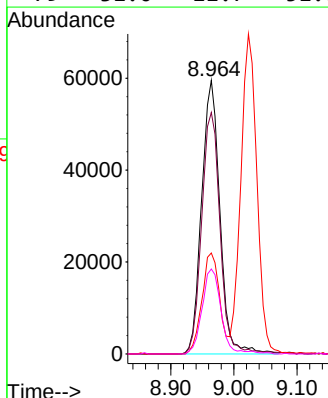
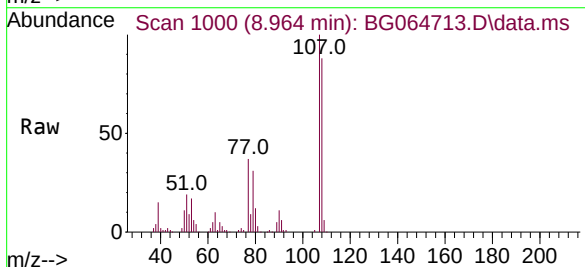
Ion Ratio Lower Upper

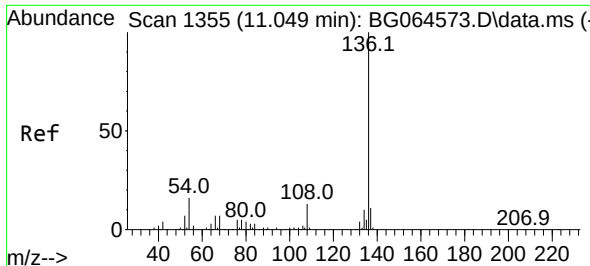
107 100

108 88.2 70.3 110.3

77 36.9 14.6 54.6

79 31.0 11.7 51.7





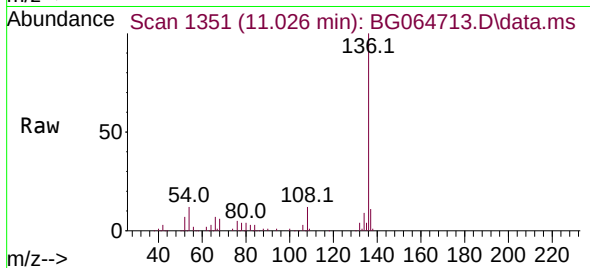
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.026 min Scan# 1355
Delta R.T. -0.023 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

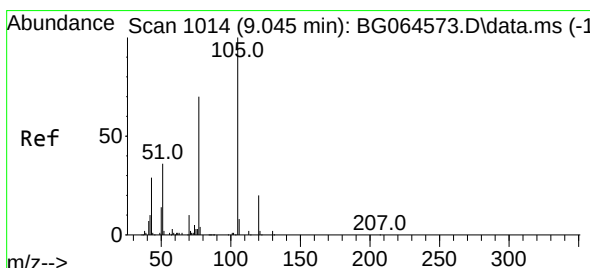
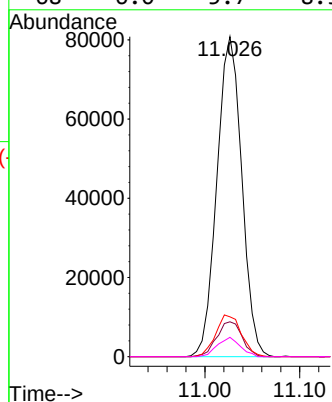
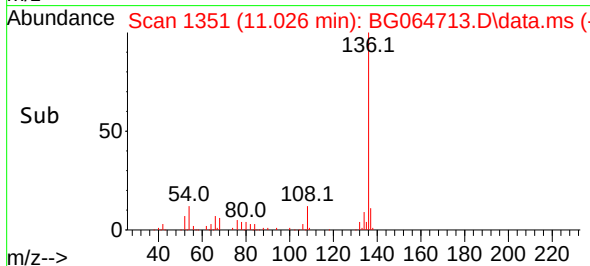


Tgt Ion:136 Resp: 147163
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 12.4 12.6 19.0
68 6.0 5.7 8.5

Manual Integrations

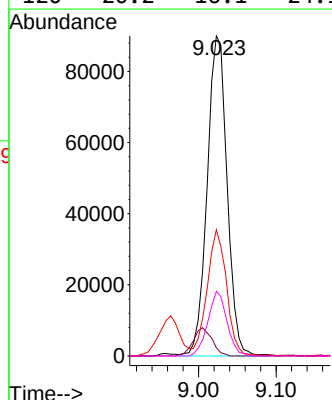
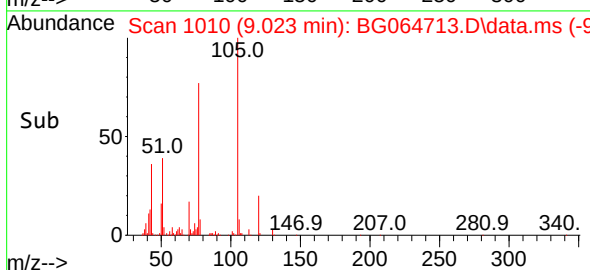
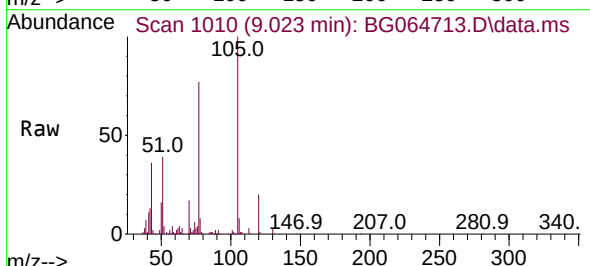
APPROVED

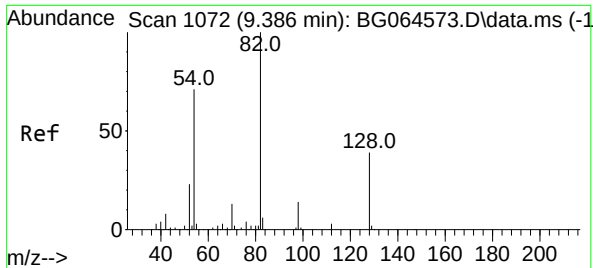
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#22
Acetophenone
Concen: 39.964 ng
RT: 9.023 min Scan# 1010
Delta R.T. -0.023 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

Tgt Ion:105 Resp: 160769
Ion Ratio Lower Upper
105 100
71 2.5 1.5 2.3
51 39.4 33.7 50.5
120 20.2 16.1 24.1





#23

Nitrobenzene-d5

Concen: 97.776 ng

RT: 9.364 min Scan# 1068

Delta R.T. -0.023 min

Lab File: BG064713.D

Acq: 7 Nov 2025 11:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 239568

Ion Ratio Lower Upper

82 100

128 40.1 31.3 46.9

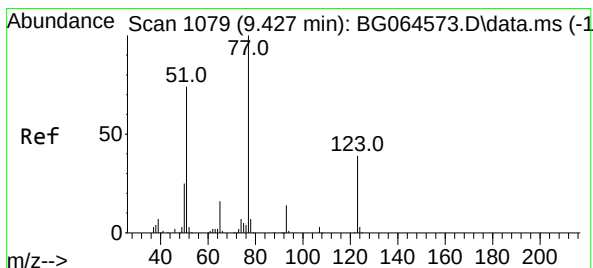
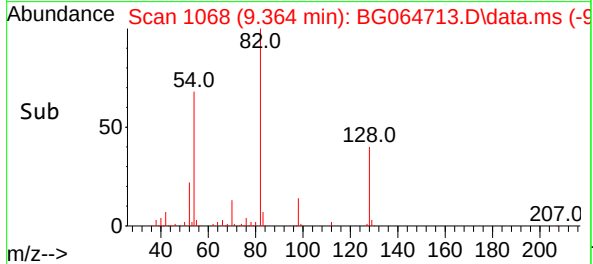
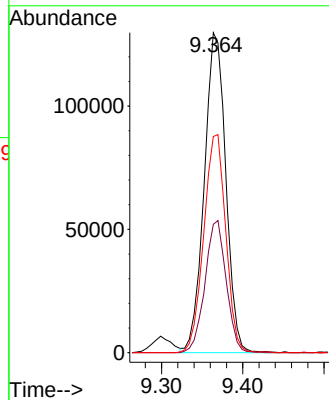
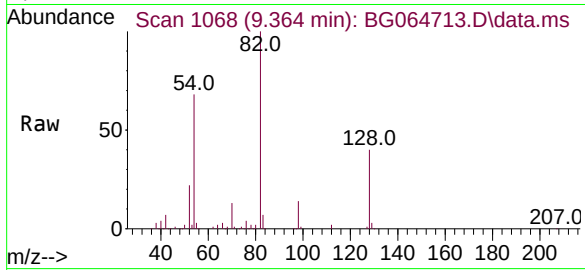
54 67.5 56.6 84.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#24

Nitrobenzene

Concen: 46.125 ng

RT: 9.411 min Scan# 1076

Delta R.T. -0.017 min

Lab File: BG064713.D

Acq: 7 Nov 2025 11:06

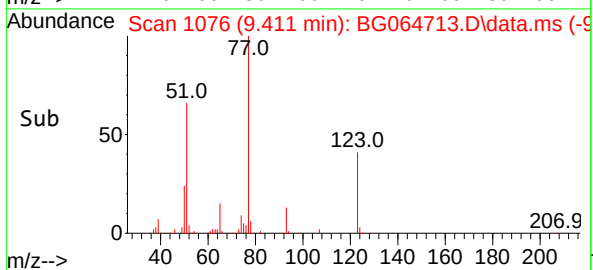
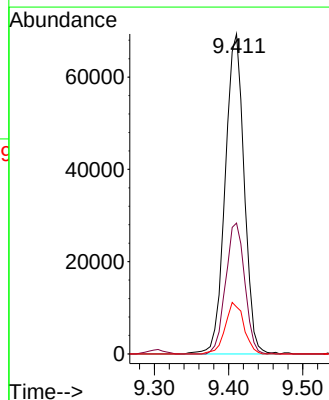
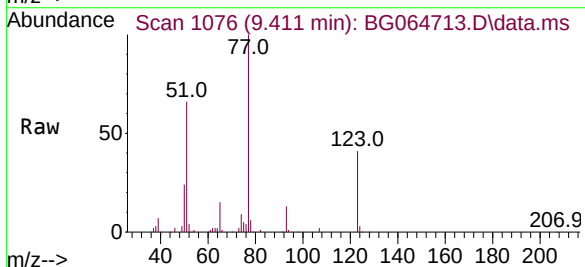
Tgt Ion: 77 Resp: 122920

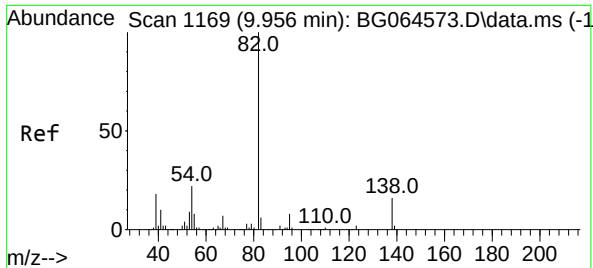
Ion Ratio Lower Upper

77 100

123 40.9 31.0 46.6

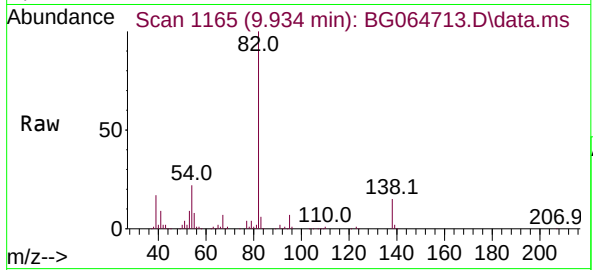
65 14.7 12.7 19.1





#25
Isophorone
Concen: 38.411 ng
RT: 9.934 min Scan# 1165
Delta R.T. -0.023 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

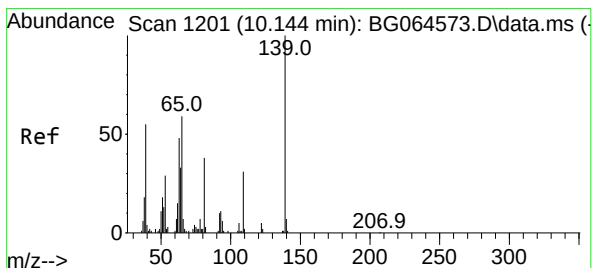
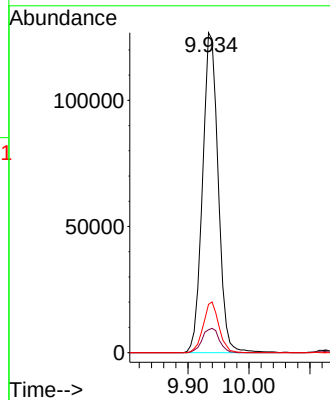
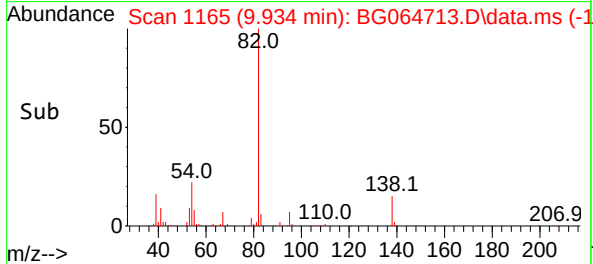
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion: 82 Resp: 225829
Ion Ratio Lower Upper
82 100
95 7.1 6.1 9.1
138 15.1 13.0 19.4

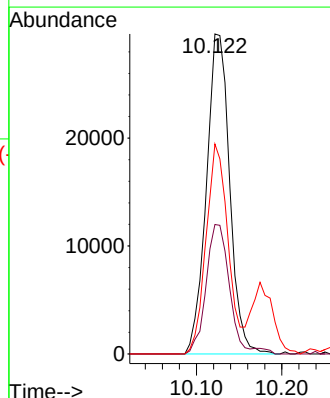
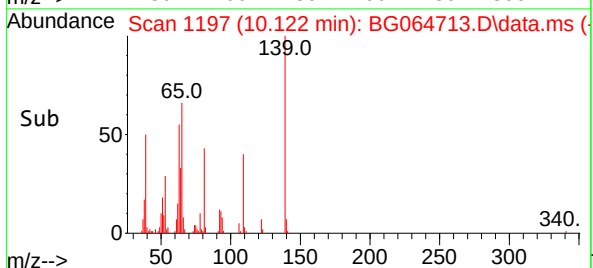
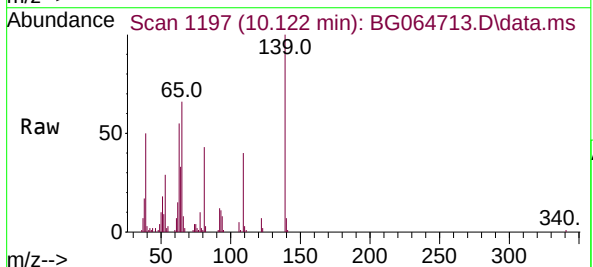
Manual Integrations
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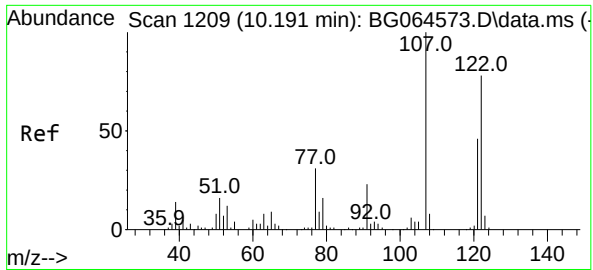
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#26
2-Nitrophenol
Concen: 54.213 ng
RT: 10.122 min Scan# 1197
Delta R.T. -0.022 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

Tgt Ion:139 Resp: 56189
Ion Ratio Lower Upper
139 100
109 40.4 24.6 37.0#
65 65.6 47.5 71.3





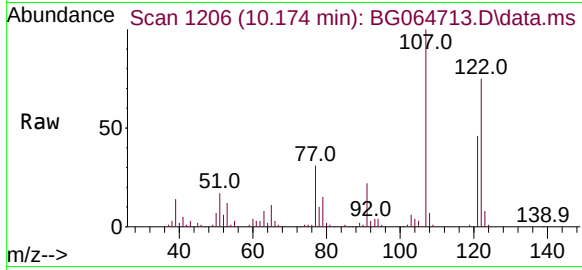
#27
2,4-Dimethylphenol
Concen: 39.486 ng
RT: 10.174 min Scan# 1206
Delta R.T. -0.017 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

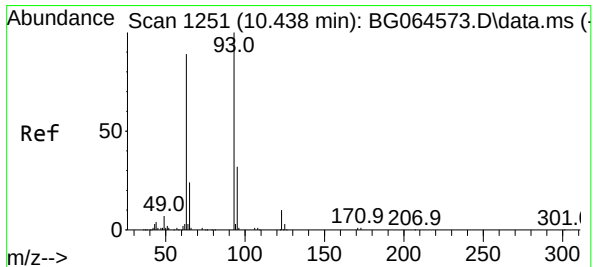
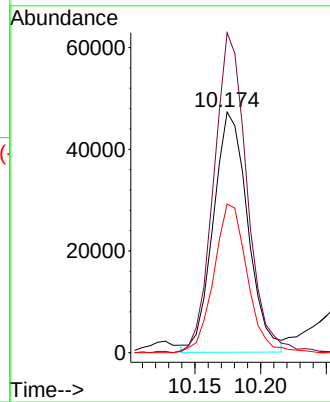
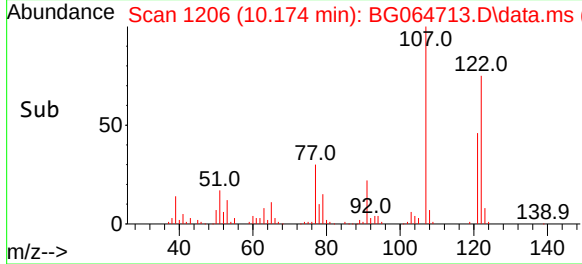


Tgt Ion:122 Resp: 86353
Ion Ratio Lower Upper
122 100
107 133.0 103.0 154.4
121 61.8 47.8 71.8

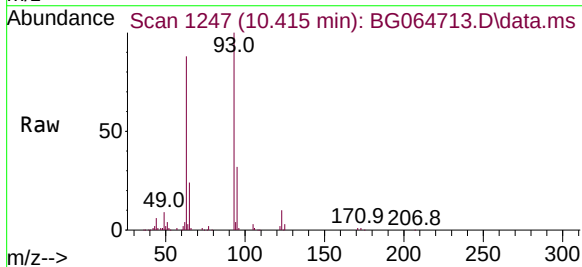
Manual Integrations

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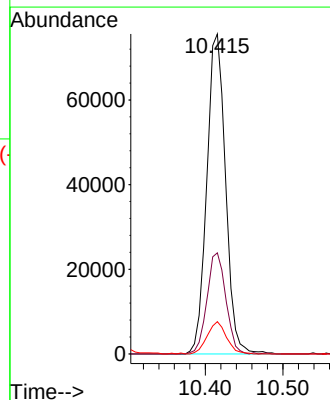
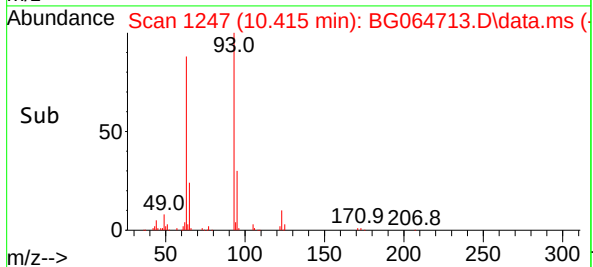
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

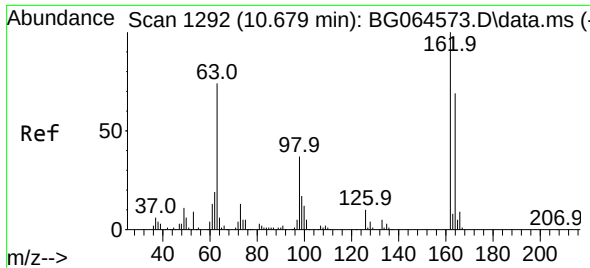


#28
bis(2-Chloroethoxy)methane
Concen: 37.888 ng
RT: 10.415 min Scan# 1247
Delta R.T. -0.023 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06



Tgt Ion: 93 Resp: 126829
Ion Ratio Lower Upper
93 100
95 31.6 25.4 38.2
123 10.1 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 46.524 ng

RT: 10.662 min Scan# 1289

Delta R.T. -0.017 min

Lab File: BG064713.D

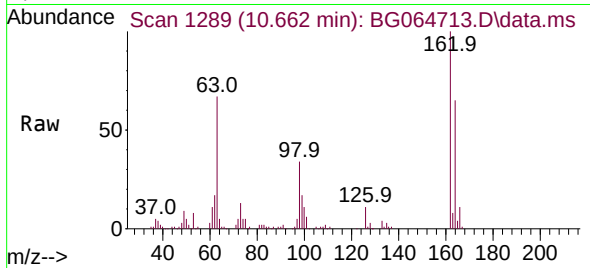
Acq: 7 Nov 2025 11:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion:162 Resp: 109496

Ion Ratio Lower Upper

162 100

164 64.9 48.7 88.7

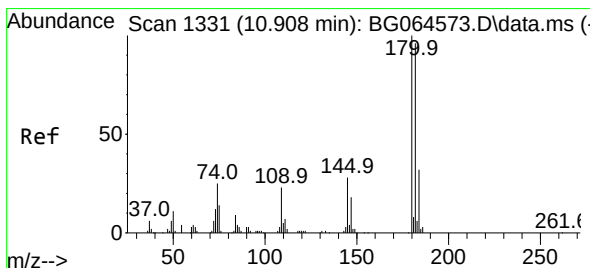
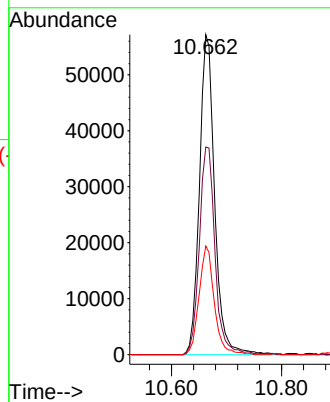
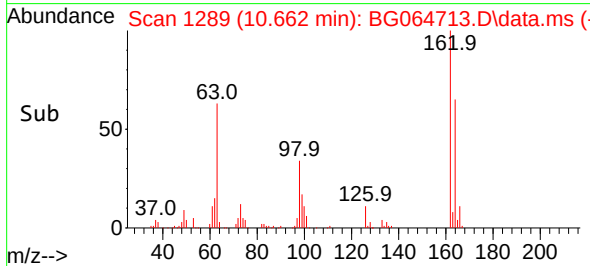
98 33.9 16.9 56.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#30

1,2,4-Trichlorobenzene

Concen: 45.995 ng

RT: 10.885 min Scan# 1327

Delta R.T. -0.023 min

Lab File: BG064713.D

Acq: 7 Nov 2025 11:06

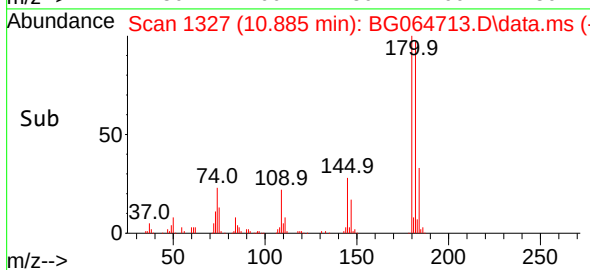
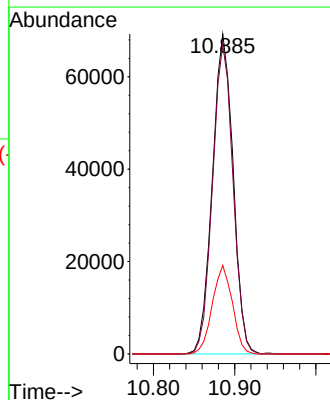
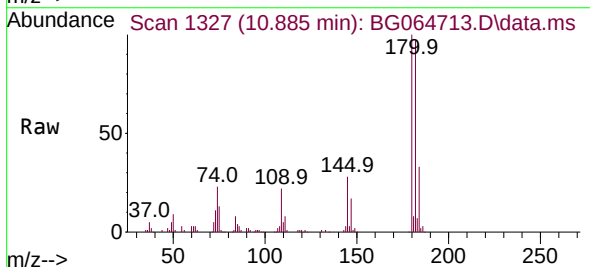
Tgt Ion:180 Resp: 122996

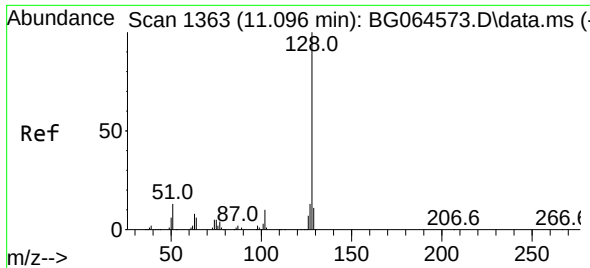
Ion Ratio Lower Upper

180 100

182 96.7 76.9 115.3

145 27.6 22.1 33.1





#31
Naphthalene
Concen: 41.010 ng
RT: 11.079 min Scan# 1363
Delta R.T. -0.017 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

Instrument :

BNA_G

ClientSampleId :

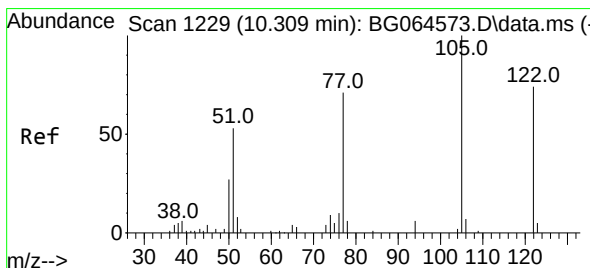
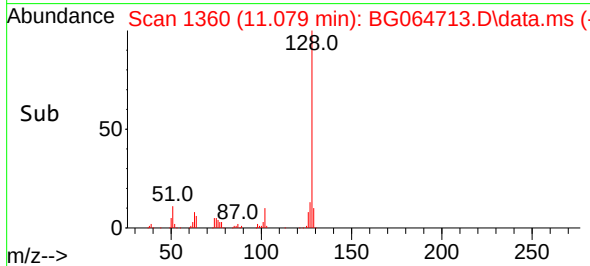
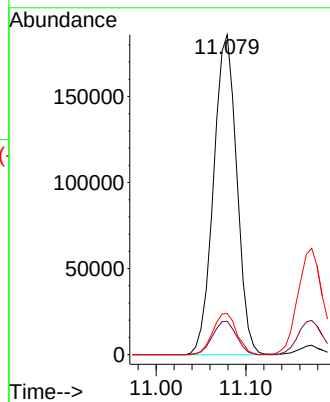
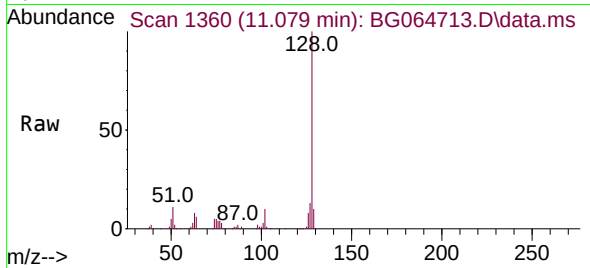
SSTDCCC040

Tgt Ion:128 Resp: 334614
Ion Ratio Lower Upper
128 100
129 10.4 8.8 13.2
127 12.8 10.6 15.8

Manual Integrations

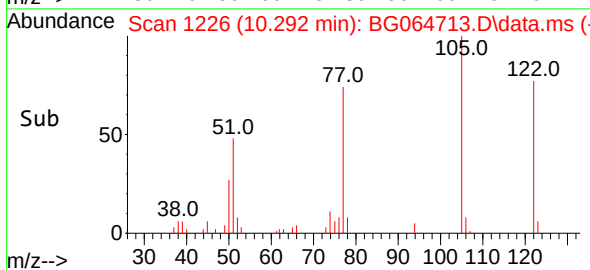
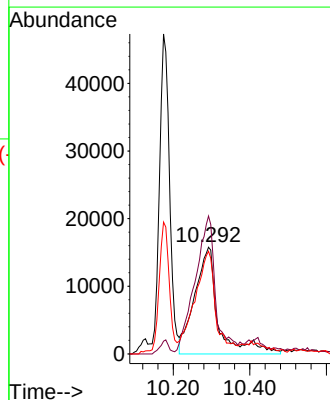
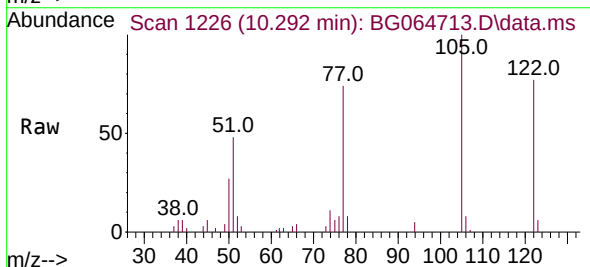
APPROVED

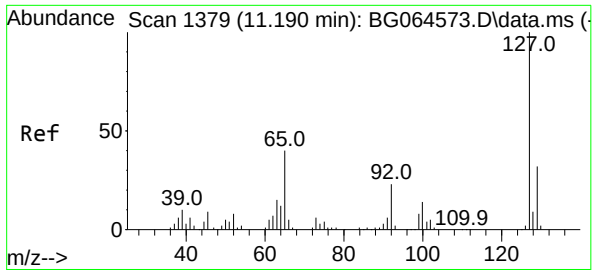
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#32
Benzoic acid
Concen: 41.489 ng m
RT: 10.292 min Scan# 1226
Delta R.T. -0.017 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

Tgt Ion:122 Resp: 67539
Ion Ratio Lower Upper
122 100
105 129.3 104.2 144.2
77 96.2 70.2 110.2





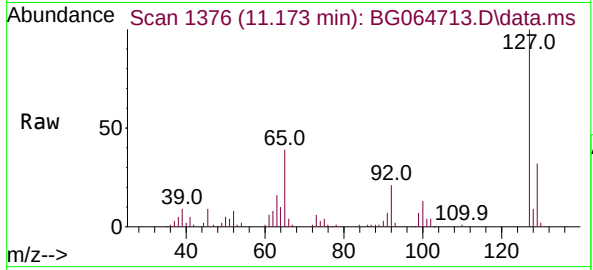
#33
4-Chloroaniline
Concen: 38.862 ng
RT: 11.173 min Scan# 1379
Delta R.T. -0.017 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

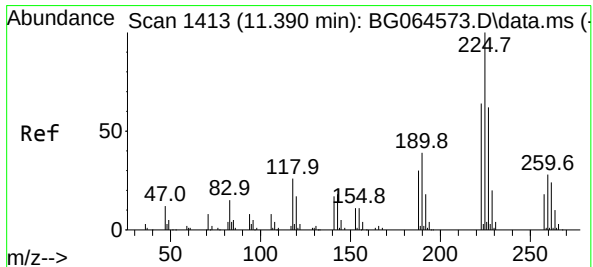
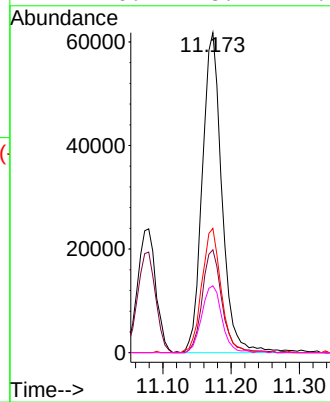
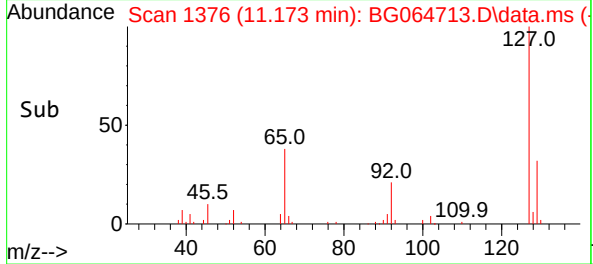


Tgt Ion:127 Resp: 123243
Ion Ratio Lower Upper
127 100
129 32.1 25.5 38.3
65 38.8 32.2 48.4
92 20.9 18.2 27.2

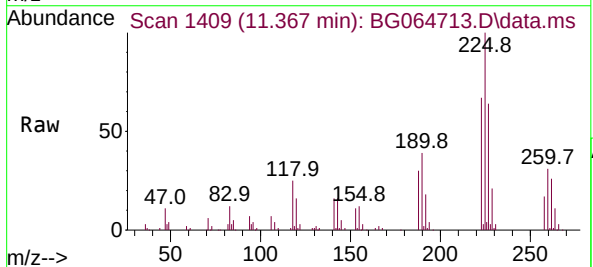
Manual Integrations

APPROVED

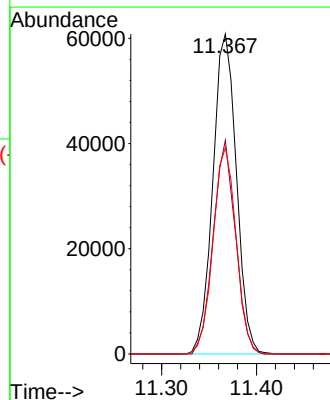
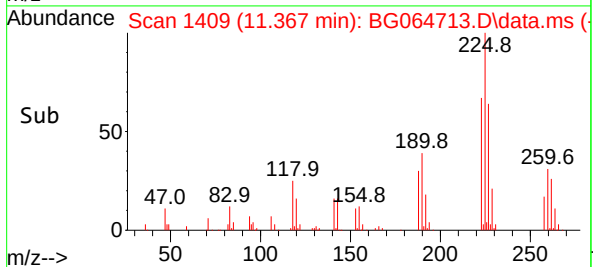
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

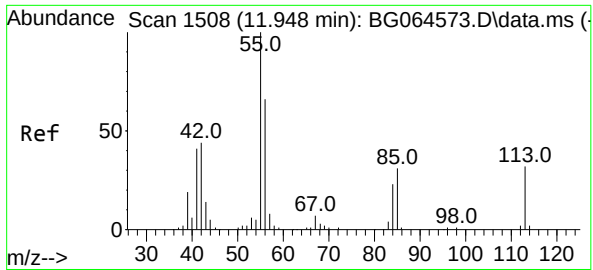


#34
Hexachlorobutadiene
Concen: 50.186 ng
RT: 11.367 min Scan# 1409
Delta R.T. -0.023 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06



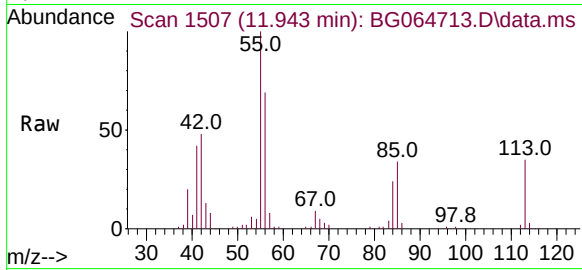
Tgt Ion:225 Resp: 104953
Ion Ratio Lower Upper
225 100
223 64.1 48.8 73.2
227 61.9 49.5 74.3





#35
Caprolactam
Concen: 33.426 ng
RT: 11.943 min Scan# 1507
Delta R.T. -0.005 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

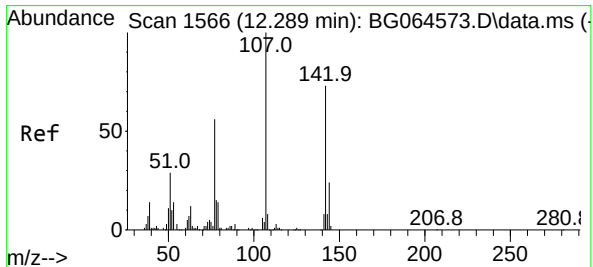
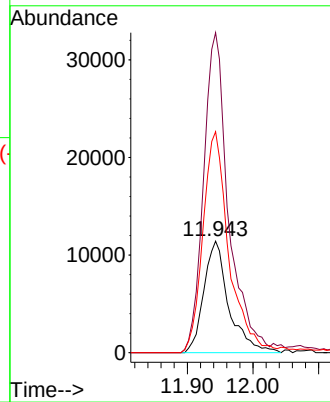
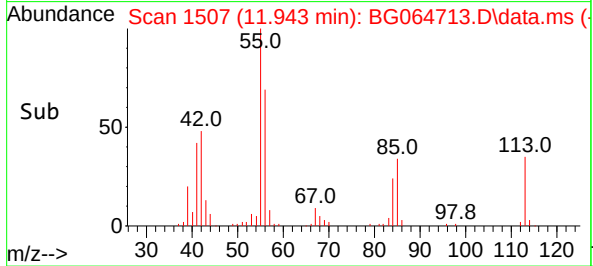
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:113 Resp: 30173
Ion Ratio Lower Upper
113 100
55 287.1 290.1 330.1
56 198.2 183.8 223.8

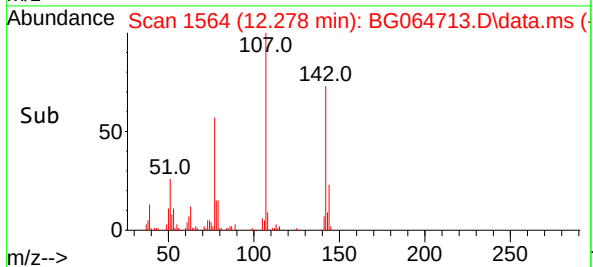
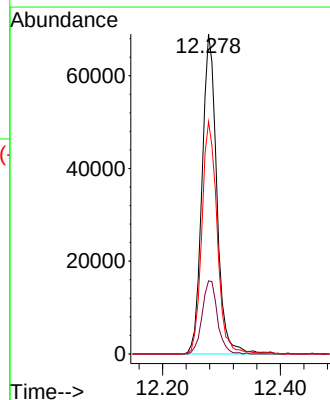
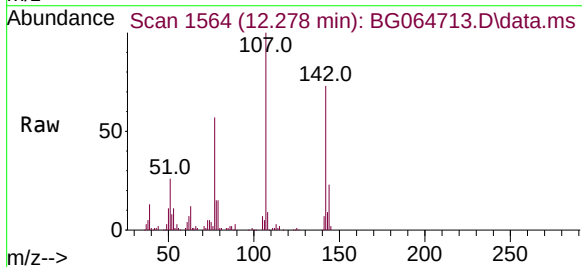
Manual Integrations
APPROVED

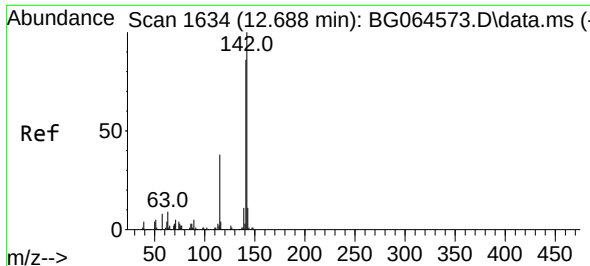
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#36
4-Chloro-3-methylphenol
Concen: 42.494 ng
RT: 12.278 min Scan# 1564
Delta R.T. -0.011 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

Tgt Ion:107 Resp: 120216
Ion Ratio Lower Upper
107 100
144 22.8 19.1 28.7
142 72.6 58.6 87.8





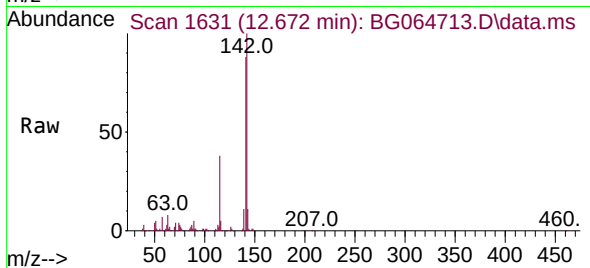
#37
2-Methylnaphthalene
Concen: 41.566 ng
RT: 12.672 min Scan# 1631
Delta R.T. -0.017 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

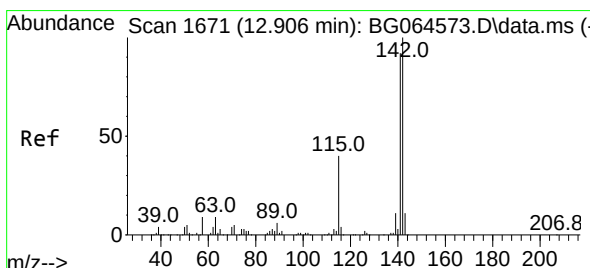
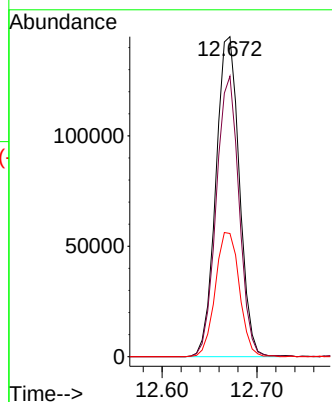
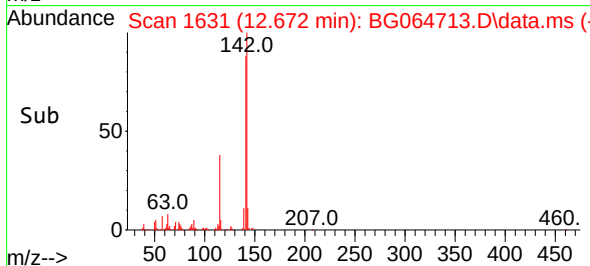


Tgt Ion:142 Resp: 248999
Ion Ratio Lower Upper
142 100
141 87.6 68.9 103.3
115 38.5 30.6 46.0

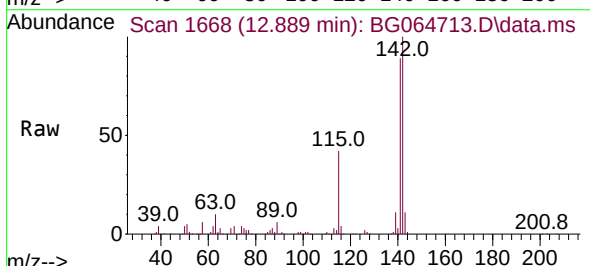
Manual Integrations

APPROVED

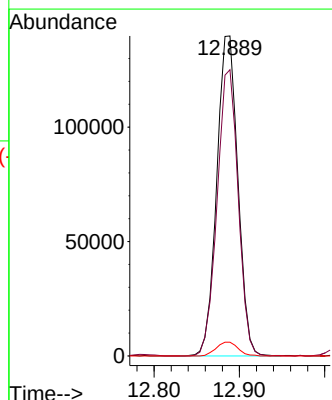
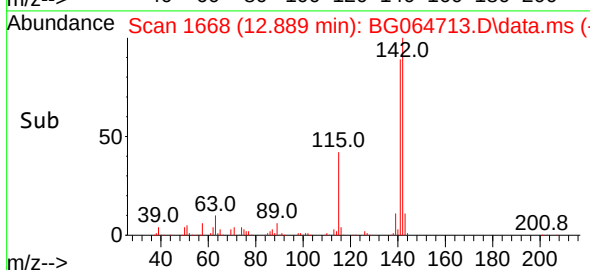
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

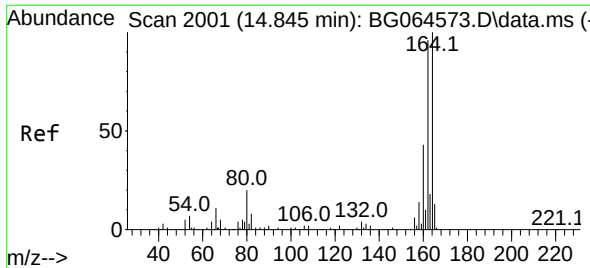


#38
1-Methylnaphthalene
Concen: 40.552 ng
RT: 12.889 min Scan# 1668
Delta R.T. -0.017 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06



Tgt Ion:142 Resp: 240484
Ion Ratio Lower Upper
142 100
141 89.4 73.3 109.9
116 4.3 3.1 4.7





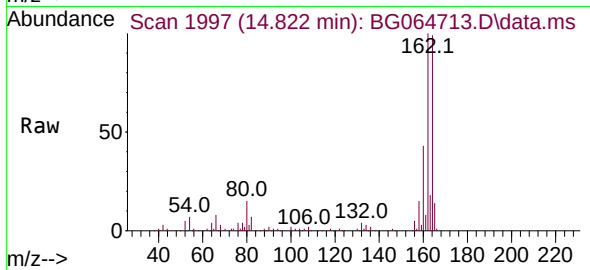
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.822 min Scan# 1997
Delta R.T. -0.023 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

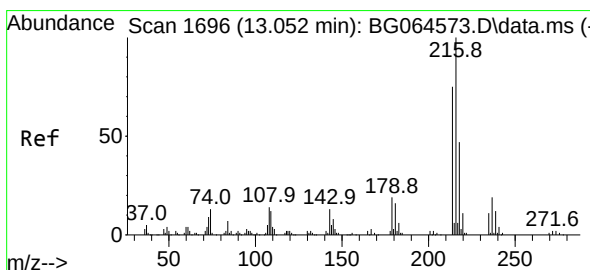
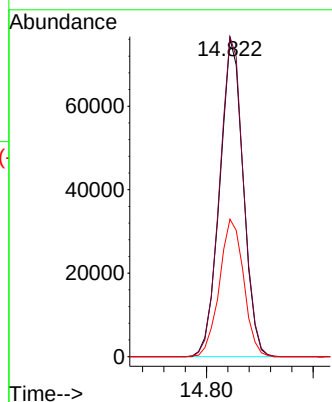
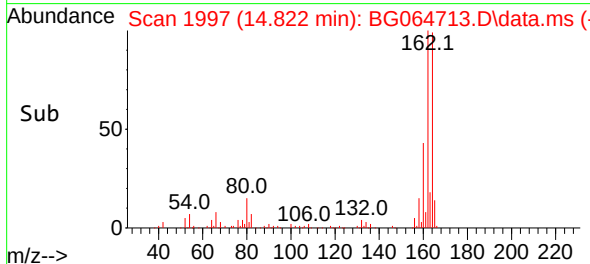


Tgt Ion:164 Resp: 116573
Ion Ratio Lower Upper
164 100
162 100.5 77.0 115.6
160 43.2 34.4 51.6

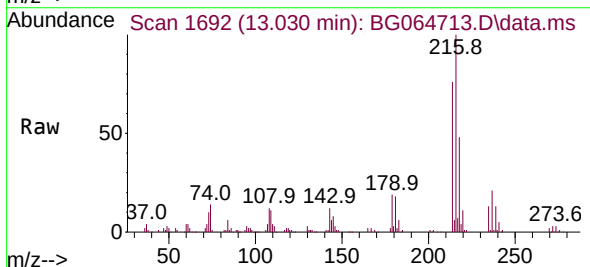
Manual Integrations

APPROVED

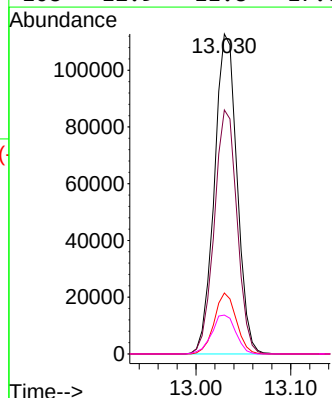
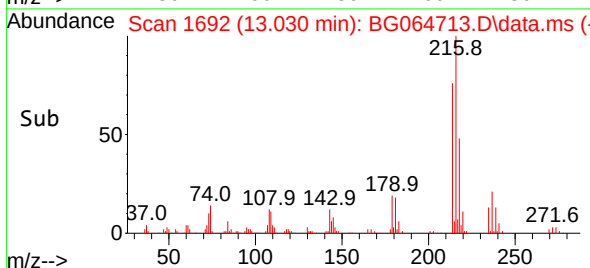
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

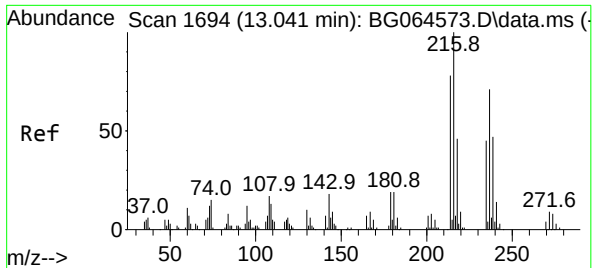


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.779 ng
RT: 13.030 min Scan# 1692
Delta R.T. -0.023 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06



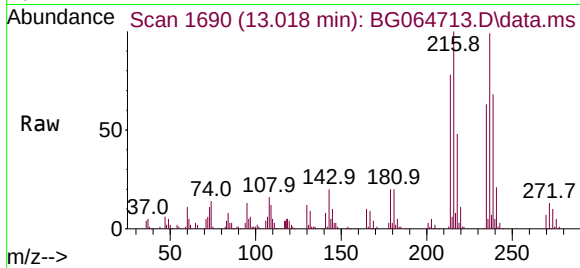
Tgt Ion:216 Resp: 186923
Ion Ratio Lower Upper
216 100
214 76.4 61.4 92.2
179 18.5 15.4 23.0
108 12.9 11.8 17.6





#41
Hexachlorocyclopentadiene
Concen: 46.890 ng
RT: 13.018 min Scan# 10
Delta R.T. -0.023 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

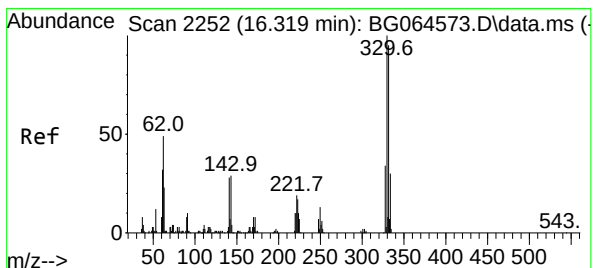
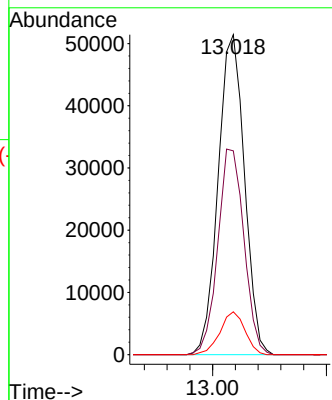
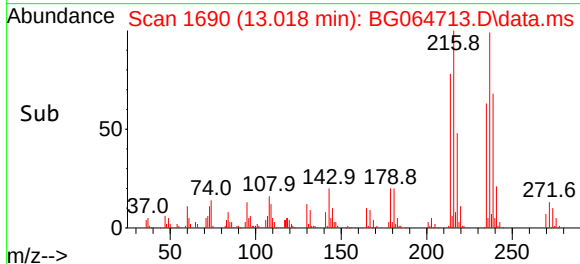
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:237 Resp: 82570
Ion Ratio Lower Upper
237 100
235 63.7 44.1 84.1
272 13.4 0.0 32.4

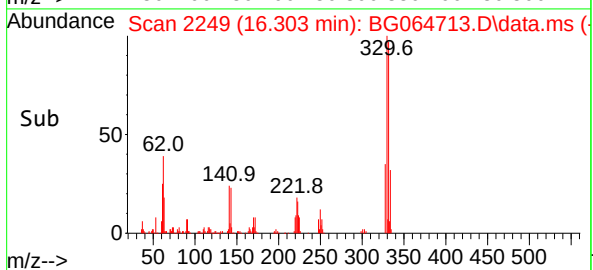
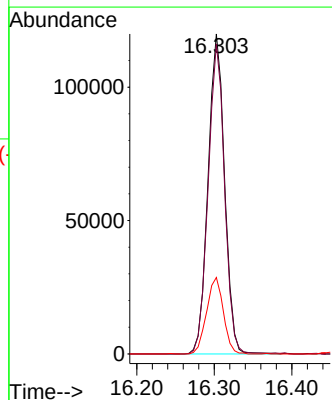
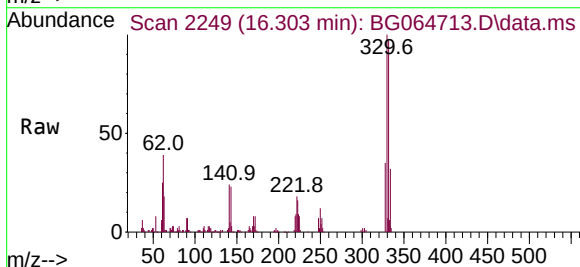
Manual Integrations
APPROVED

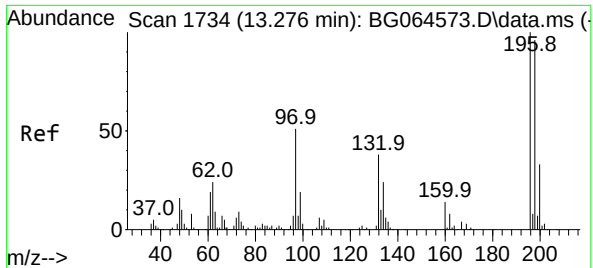
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#42
2,4,6-Tribromophenol
Concen: 105.491 ng
RT: 16.303 min Scan# 2249
Delta R.T. -0.017 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

Tgt Ion:330 Resp: 177488
Ion Ratio Lower Upper
330 100
332 96.0 78.0 117.0
141 24.2 21.8 32.6





#43

2,4,6-Trichlorophenol

Concen: 49.885 ng

RT: 13.259 min Scan# 1731

Delta R.T. -0.017 min

Lab File: BG064713.D

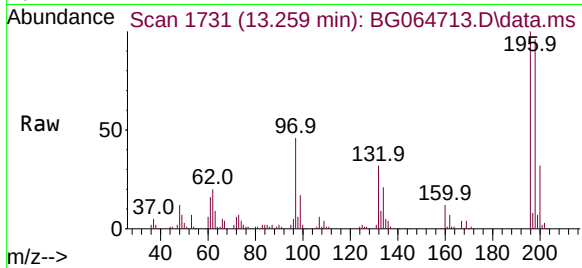
Acq: 7 Nov 2025 11:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion:196 Resp: 111636

Ion Ratio Lower Upper

196 100

198 95.7 76.6 115.0

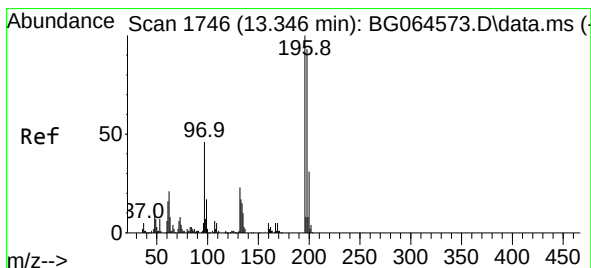
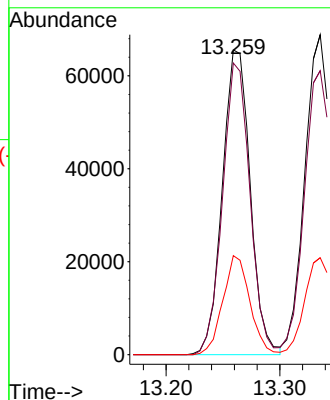
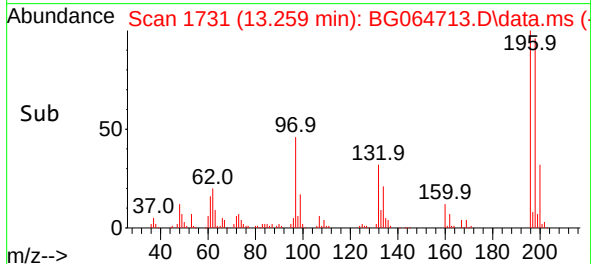
200 32.5 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#44

2,4,5-Trichlorophenol

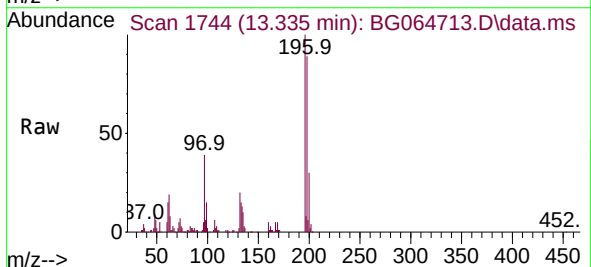
Concen: 48.290 ng

RT: 13.335 min Scan# 1744

Delta R.T. -0.011 min

Lab File: BG064713.D

Acq: 7 Nov 2025 11:06



Tgt Ion:196 Resp: 124707

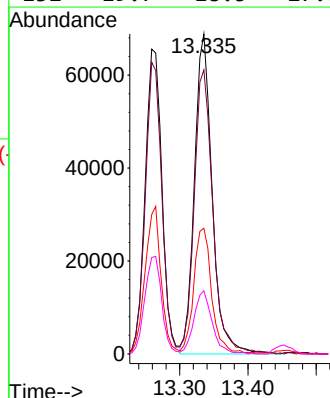
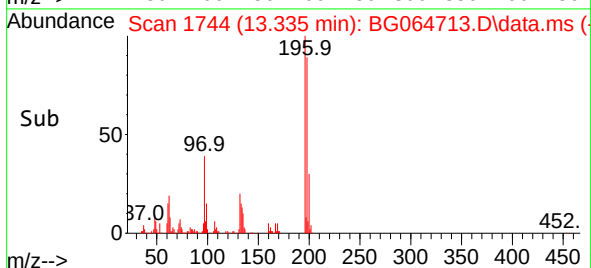
Ion Ratio Lower Upper

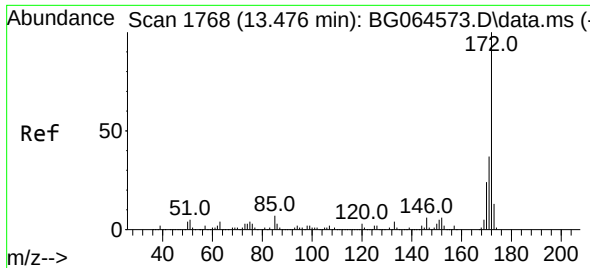
196 100

198 88.7 74.2 111.4

97 39.3 37.0 55.6

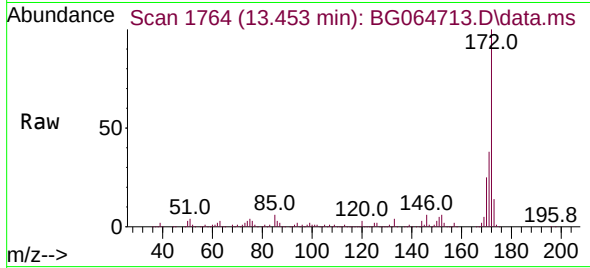
132 19.7 18.5 27.7





#45
2-Fluorobiphenyl
Concen: 85.228 ng
RT: 13.453 min Scan# 1764
Delta R.T. -0.023 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

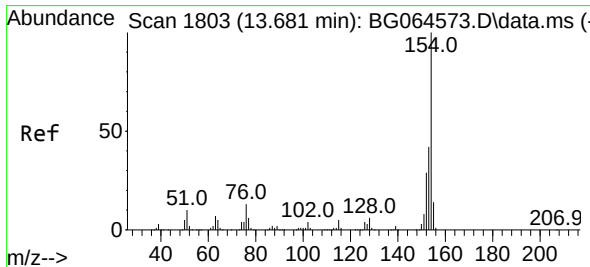
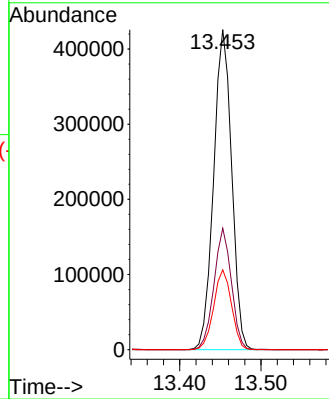
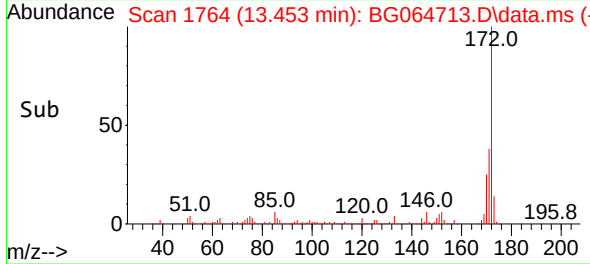
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:172 Resp: 655475
Ion Ratio Lower Upper
172 100
171 37.9 29.4 44.0
170 24.9 19.1 28.7

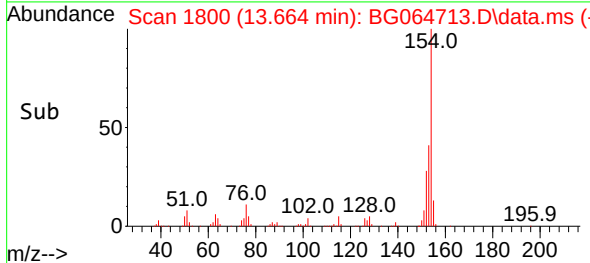
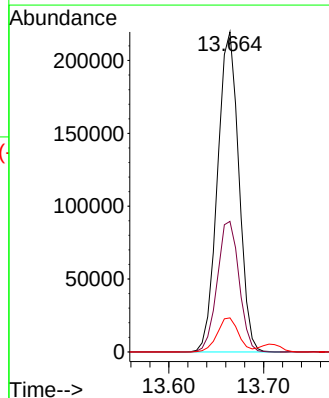
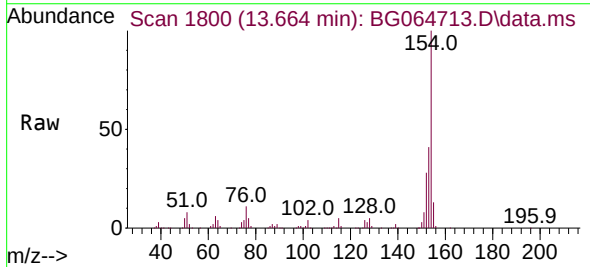
Manual Integrations
APPROVED

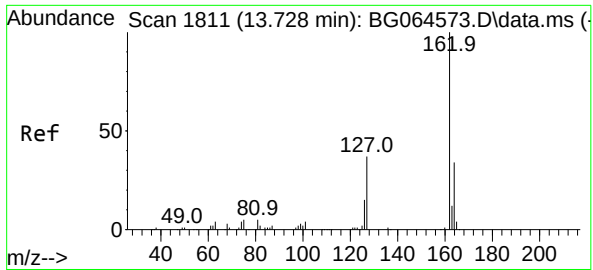
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#46
1,1'-Biphenyl
Concen: 41.305 ng
RT: 13.664 min Scan# 1800
Delta R.T. -0.017 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

Tgt Ion:154 Resp: 342316
Ion Ratio Lower Upper
154 100
153 40.8 22.4 62.4
76 10.6 0.0 33.5





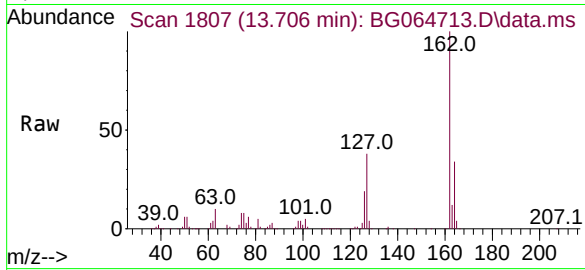
#47
2-Chloronaphthalene
Concen: 42.878 ng
RT: 13.706 min Scan# 1811
Delta R.T. -0.023 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

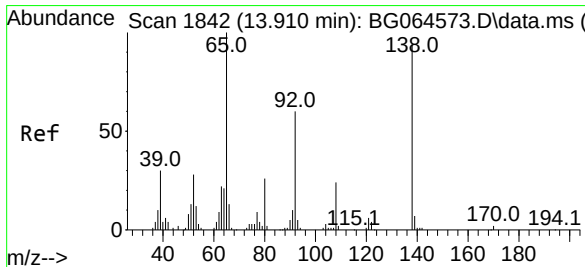
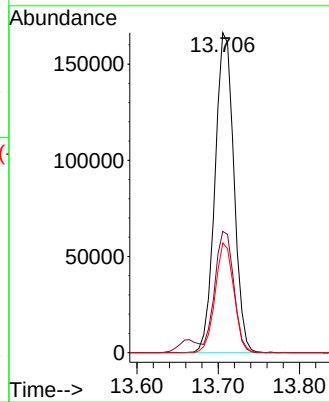
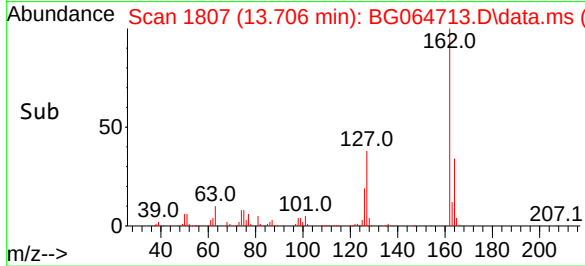


Tgt Ion:162 Resp: 268230
Ion Ratio Lower Upper
162 100
127 37.9 32.2 48.2
164 34.3 27.5 41.3

Manual Integrations

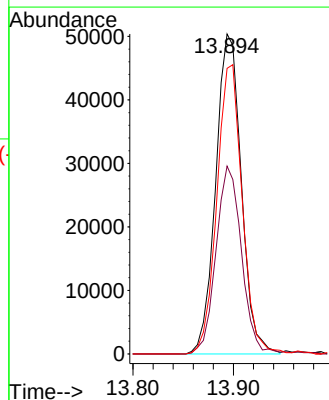
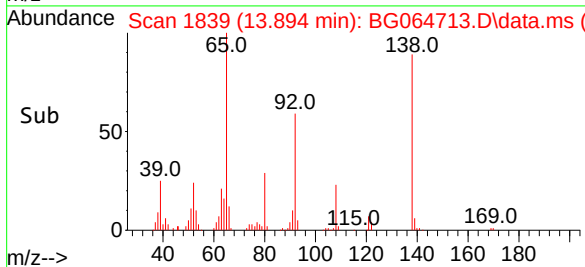
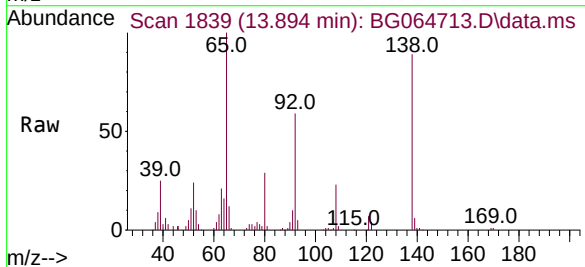
APPROVED

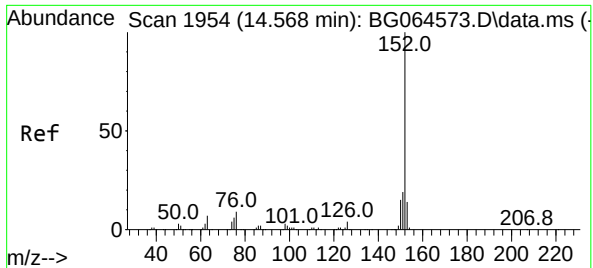
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#48
2-Nitroaniline
Concen: 42.910 ng
RT: 13.894 min Scan# 1839
Delta R.T. -0.016 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

Tgt Ion: 65 Resp: 89345
Ion Ratio Lower Upper
65 100
92 58.7 48.3 72.5
138 89.2 74.9 112.3





#49
Acenaphthylene
Concen: 41.011 ng
RT: 14.546 min Scan# 1950
Delta R.T. -0.023 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

Instrument :

BNA_G

ClientSampleId :

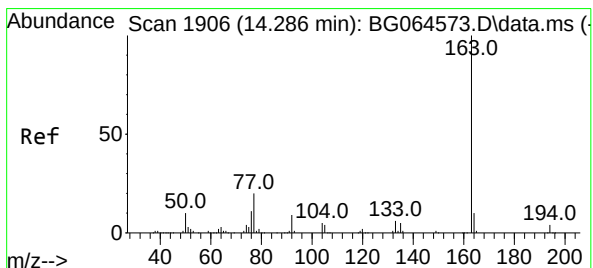
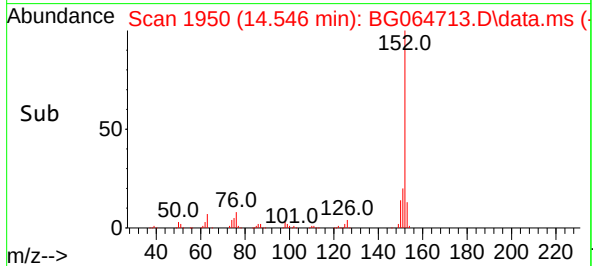
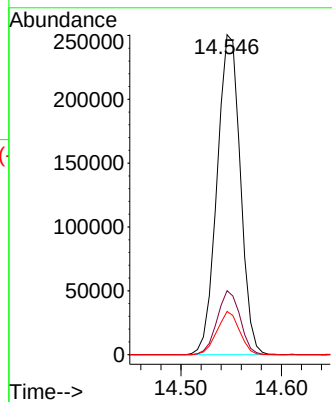
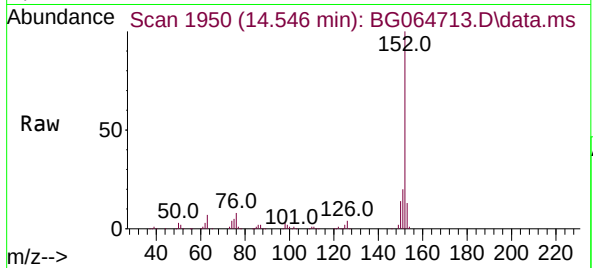
SSTDCCC040

Tgt Ion:152 Resp: 404664
Ion Ratio Lower Upper
152 100
151 20.0 15.4 23.2
153 13.5 11.0 16.4

Manual Integrations

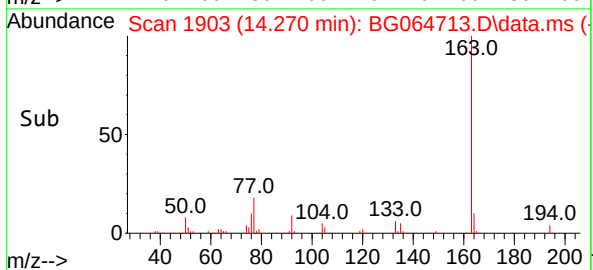
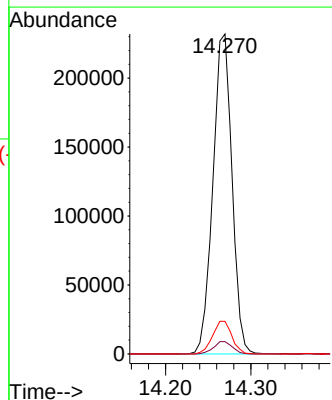
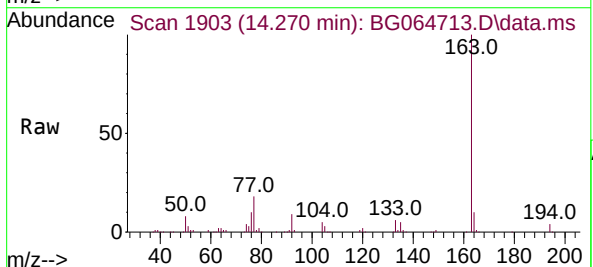
APPROVED

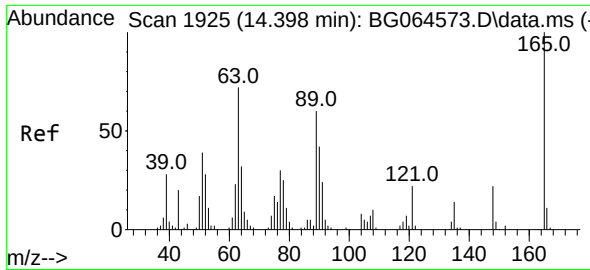
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#50
Dimethylphthalate
Concen: 40.346 ng
RT: 14.270 min Scan# 1903
Delta R.T. -0.017 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

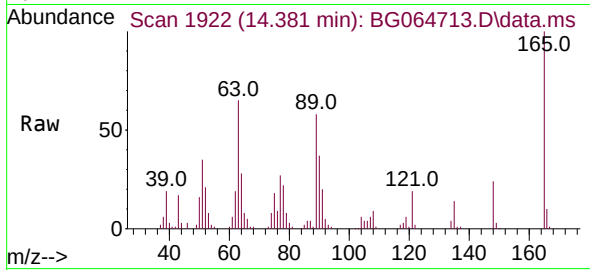
Tgt Ion:163 Resp: 359892
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 10.2 7.7 11.5





#51
2,6-Dinitrotoluene
Concen: 48.486 ng
RT: 14.381 min Scan# 1925
Delta R.T. -0.017 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

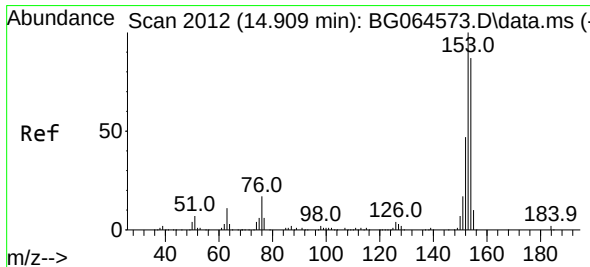
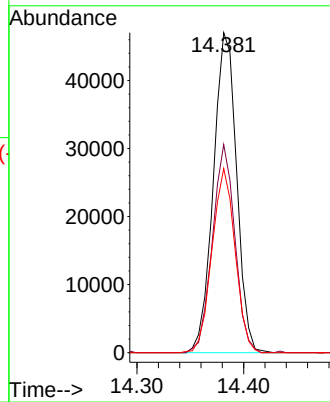
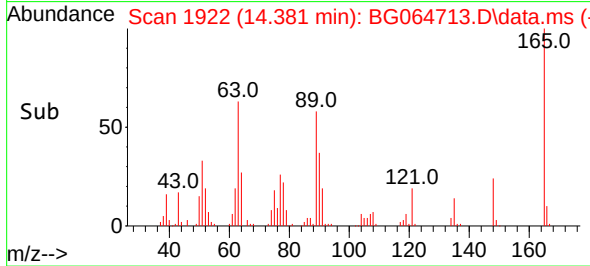
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 71415
Ion Ratio Lower Upper
165 100
63 65.0 57.4 86.0
89 57.5 47.8 71.8

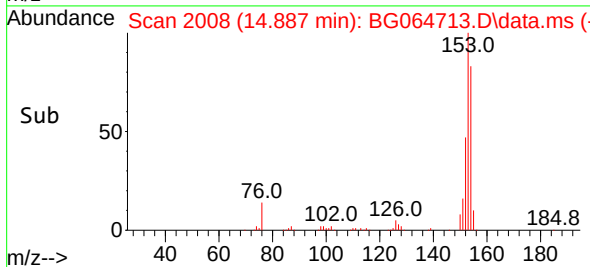
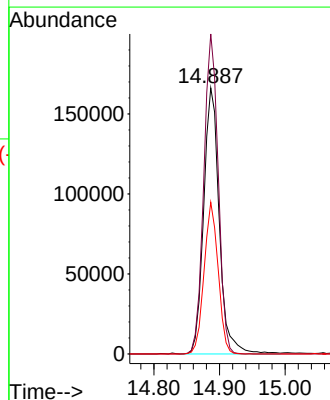
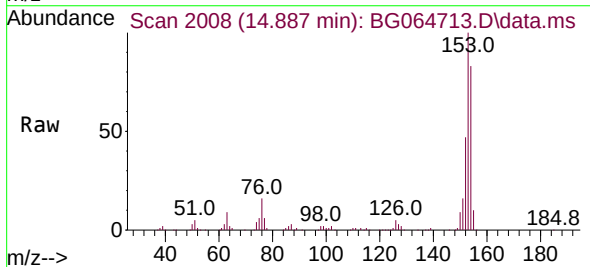
Manual Integrations
APPROVED

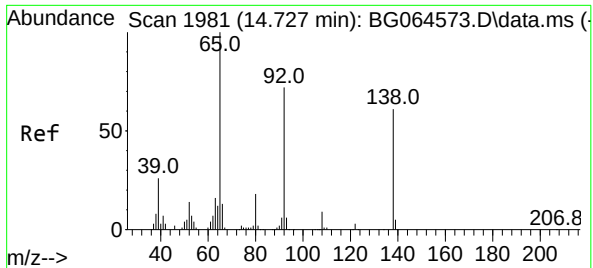
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#52
Acenaphthene
Concen: 40.629 ng
RT: 14.887 min Scan# 2008
Delta R.T. -0.023 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

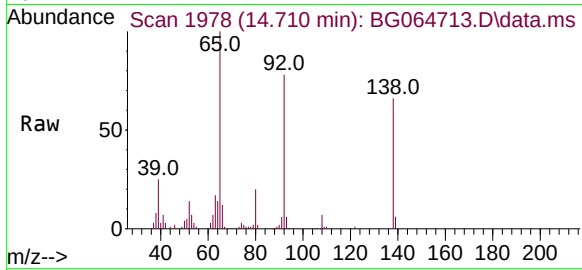
Tgt Ion:154 Resp: 273895
Ion Ratio Lower Upper
154 100
153 120.3 92.2 138.4
152 57.0 43.2 64.8





#53
3-Nitroaniline
Concen: 45.555 ng
RT: 14.710 min Scan# 1981
Delta R.T. -0.017 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

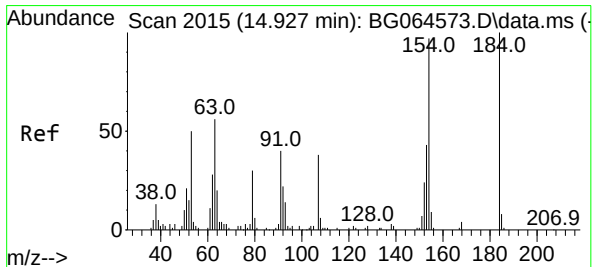
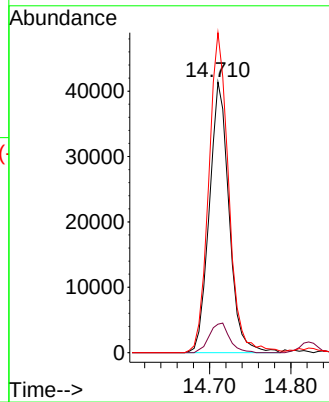
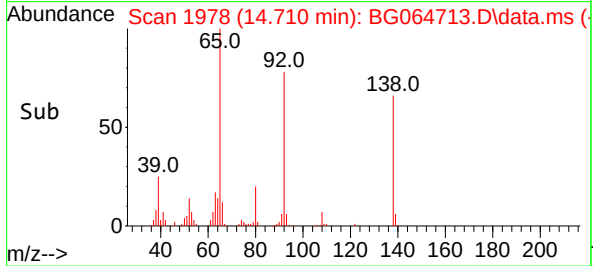
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:138 Resp: 69835
Ion Ratio Lower Upper
138 100
108 10.5 11.4 17.0
92 118.3 95.3 142.9

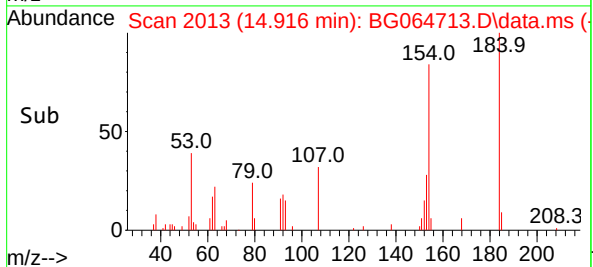
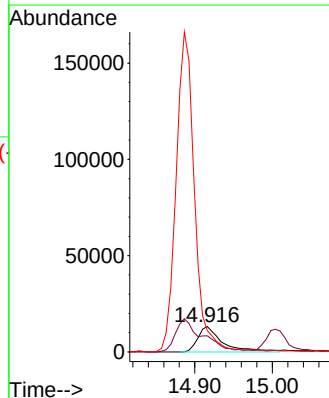
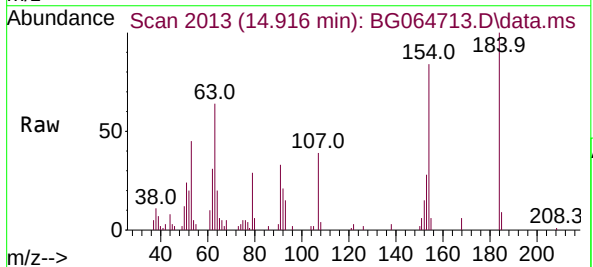
Manual Integrations
APPROVED

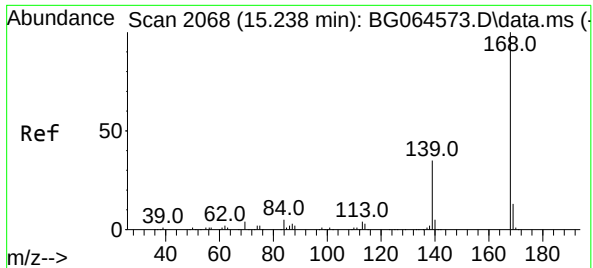
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#54
2,4-Dinitrophenol
Concen: 35.411 ng
RT: 14.916 min Scan# 2013
Delta R.T. -0.011 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

Tgt Ion:184 Resp: 28967
Ion Ratio Lower Upper
184 100
63 63.5 56.6 85.0
154 84.3 158.6 238.0#





#55

Dibenzenofuran

Concen: 41.348 ng

RT: 15.216 min Scan# 2064

Delta R.T. -0.023 min

Lab File: BG064713.D

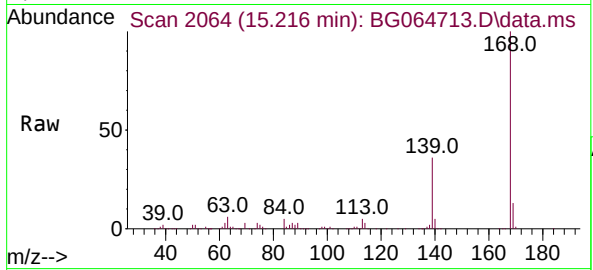
Acq: 7 Nov 2025 11:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion:168 Resp: 450645

Ion Ratio Lower Upper

168 100

139 36.1 27.8 41.8

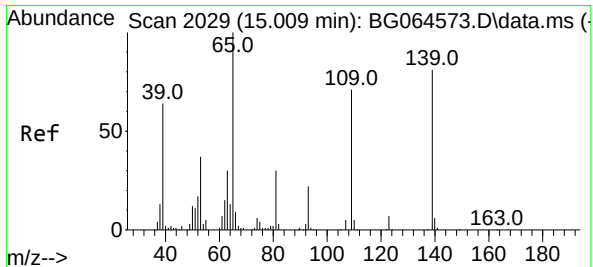
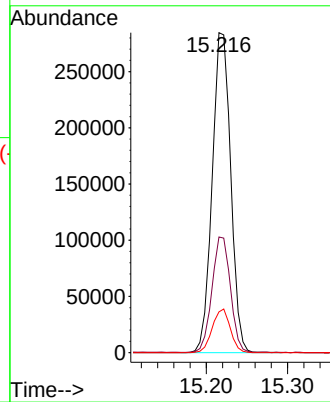
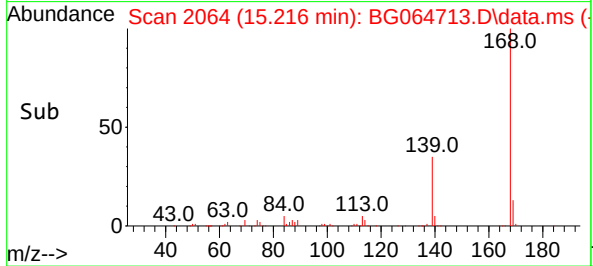
169 12.7 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#56

4-Nitrophenol

Concen: 37.190 ng

RT: 15.004 min Scan# 2028

Delta R.T. -0.005 min

Lab File: BG064713.D

Acq: 7 Nov 2025 11:06

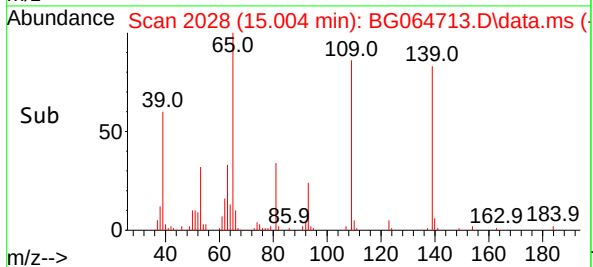
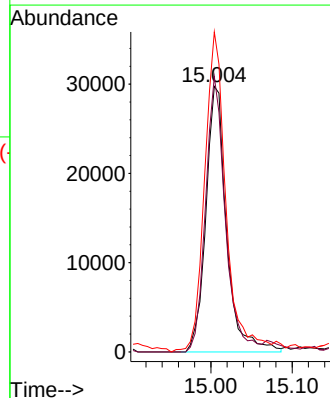
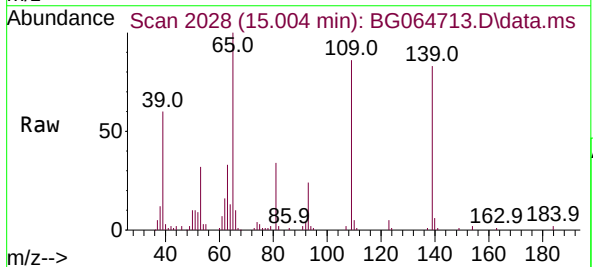
Tgt Ion:139 Resp: 52857

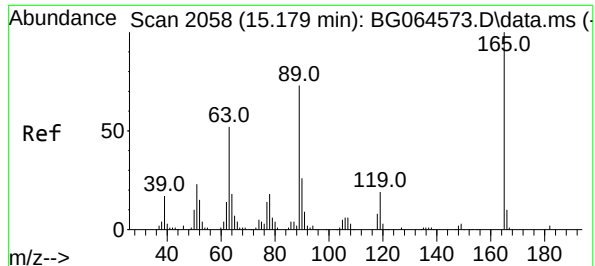
Ion Ratio Lower Upper

139 100

109 103.7 67.8 107.8

65 120.5 103.7 143.7





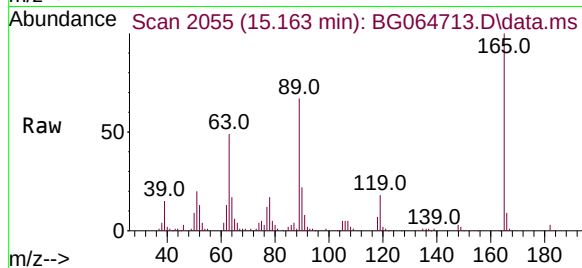
#57
2,4-Dinitrotoluene
Concen: 47.030 ng
RT: 15.163 min Scan# 2055
Delta R.T. -0.016 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

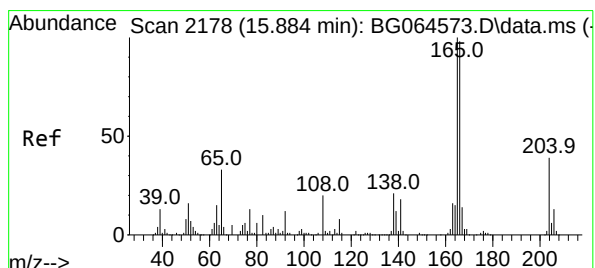
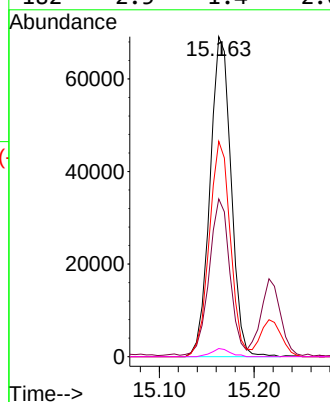
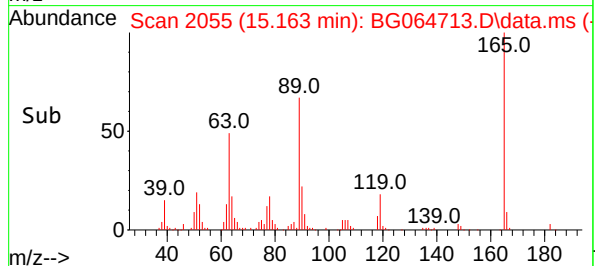


Tgt Ion:165 Resp: 106876
Ion Ratio Lower Upper
165 100
63 49.3 41.8 62.8
89 67.3 58.1 87.1
182 2.5 1.4 2.0#

Manual Integrations

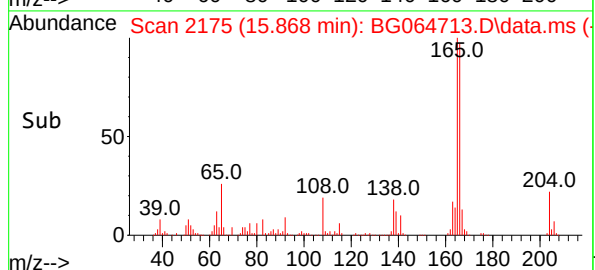
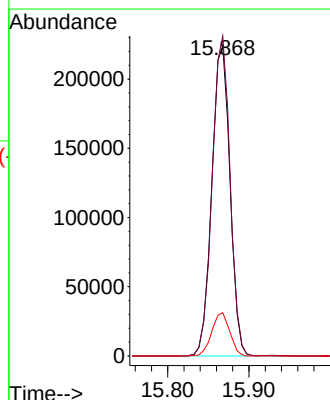
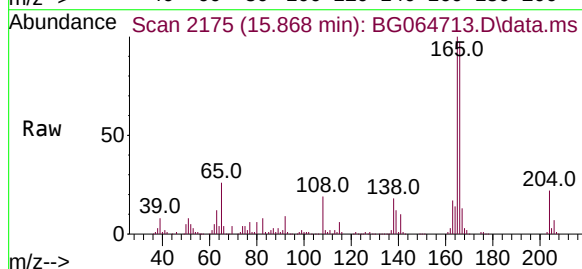
APPROVED

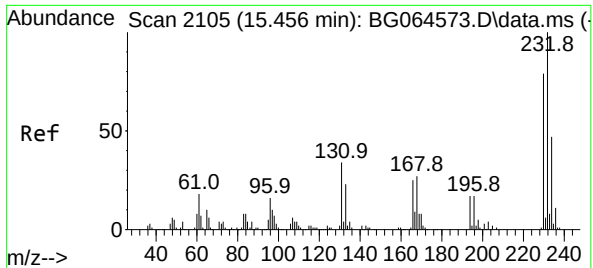
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#58
Fluorene
Concen: 40.841 ng
RT: 15.868 min Scan# 2175
Delta R.T. -0.017 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

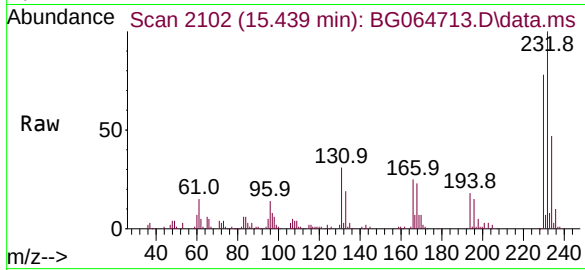
Tgt Ion:166 Resp: 347622
Ion Ratio Lower Upper
166 100
165 103.2 81.5 122.3
167 13.9 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.659 ng
RT: 15.439 min Scan# 2105
Delta R.T. -0.017 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

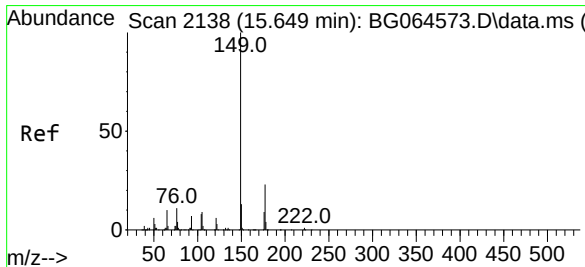
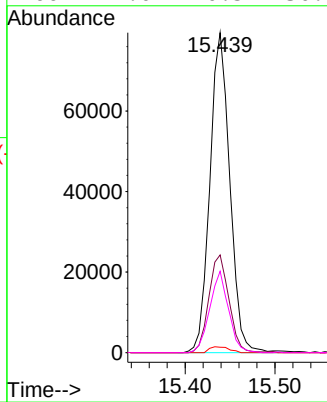
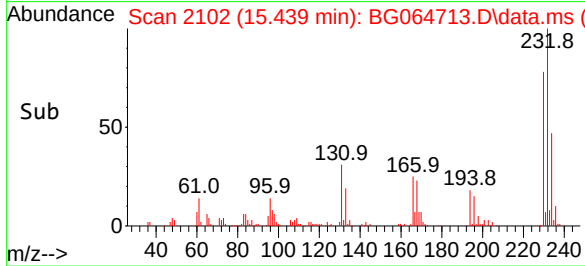
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



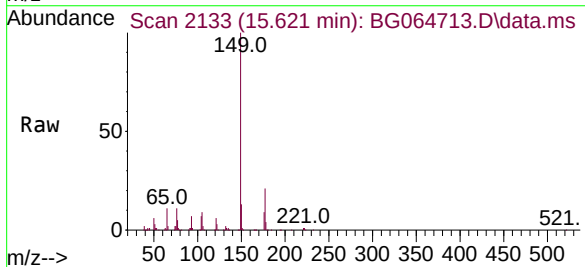
Tgt Ion:232 Resp: 122631
Ion Ratio Lower Upper
232 100
131 30.9 26.7 40.1
130 1.8 1.6 2.4
166 24.0 20.5 30.7

Manual Integrations
APPROVED

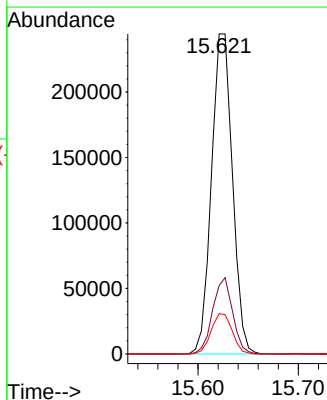
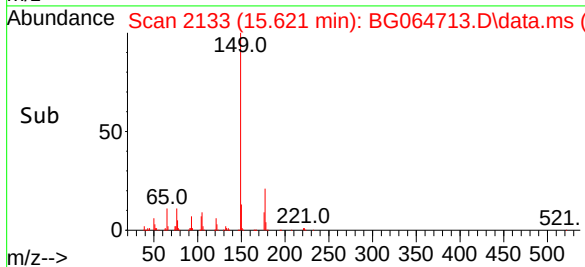
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

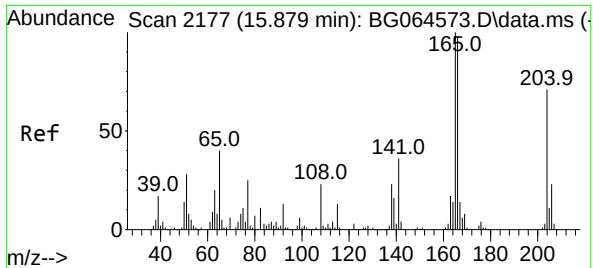


#60
Diethylphthalate
Concen: 39.060 ng
RT: 15.621 min Scan# 2133
Delta R.T. -0.028 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06



Tgt Ion:149 Resp: 355754
Ion Ratio Lower Upper
149 100
177 21.4 18.0 27.0
150 12.6 10.2 15.4





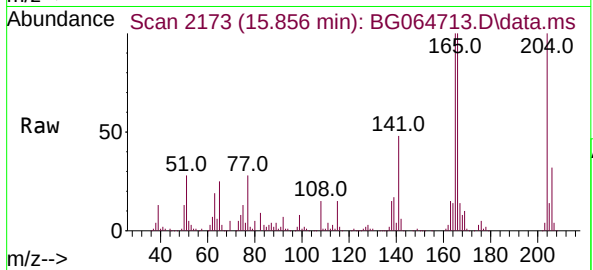
#61
4-Chlorophenyl-phenylether
Concen: 44.709 ng
RT: 15.856 min Scan# 2175
Delta R.T. -0.023 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

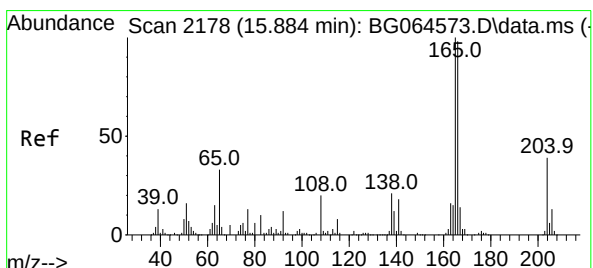
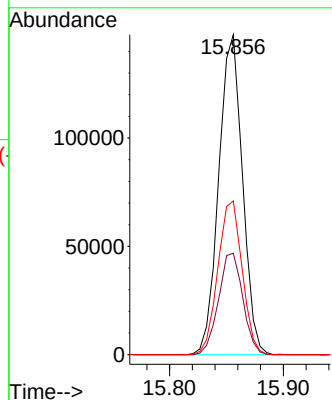
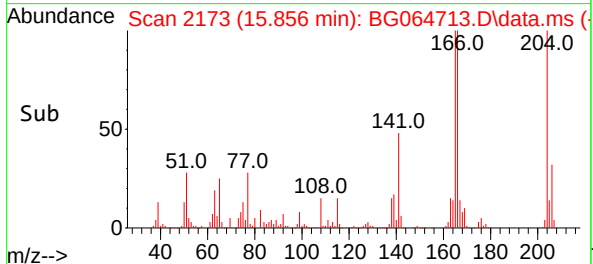


Tgt Ion:204 Resp: 213560
Ion Ratio Lower Upper
204 100
206 31.7 25.6 38.4
141 48.0 40.6 60.8

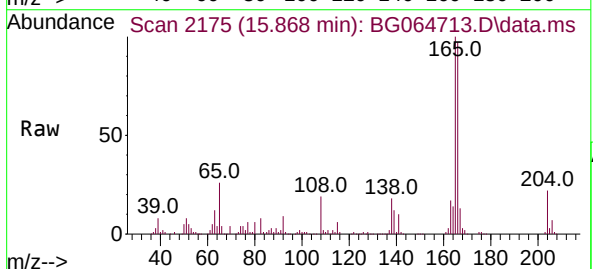
Manual Integrations

APPROVED

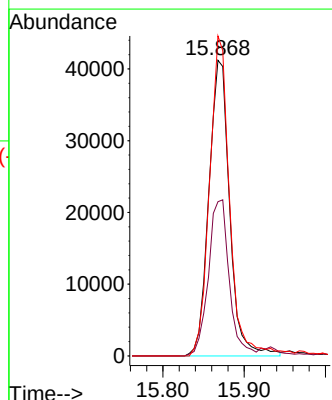
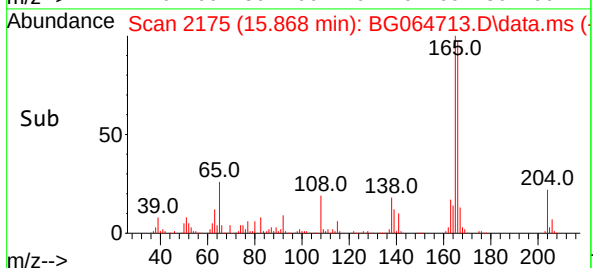
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

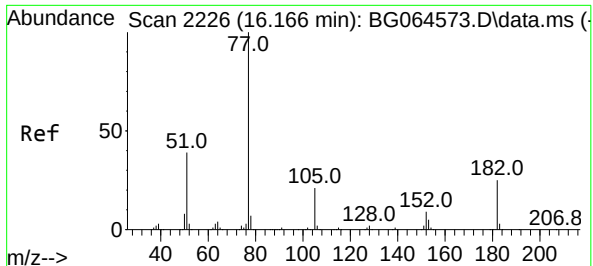


#62
4-Nitroaniline
Concen: 43.006 ng
RT: 15.868 min Scan# 2175
Delta R.T. -0.017 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06



Tgt Ion:138 Resp: 73344
Ion Ratio Lower Upper
138 100
92 52.1 36.1 76.1
108 108.2 75.6 115.6





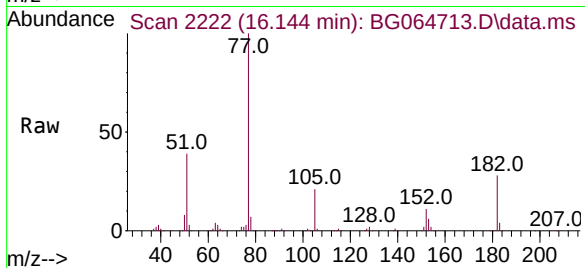
#63
Azobenzene
Concen: 36.520 ng
RT: 16.144 min Scan# 21
Delta R.T. -0.023 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

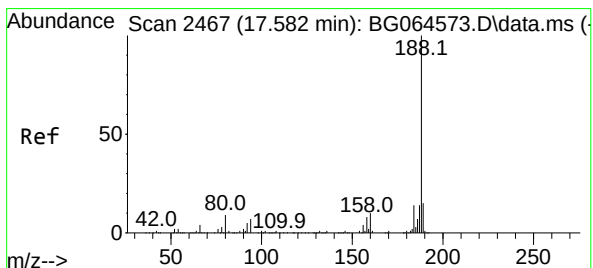
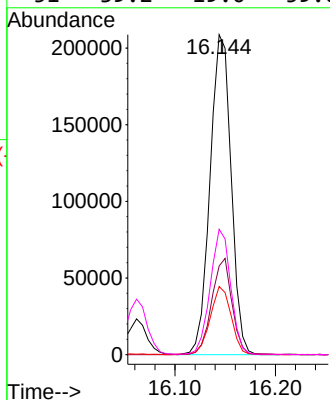
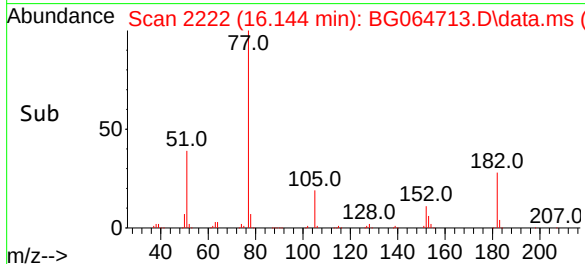


Tgt Ion: 77 Resp: 305194
Ion Ratio Lower Upper
77 100
182 27.7 4.9 44.9
105 21.3 1.3 41.3
51 39.2 19.0 59.0

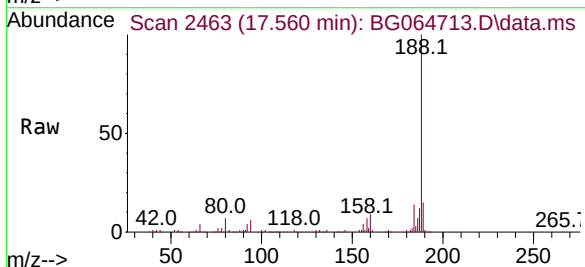
Manual Integrations

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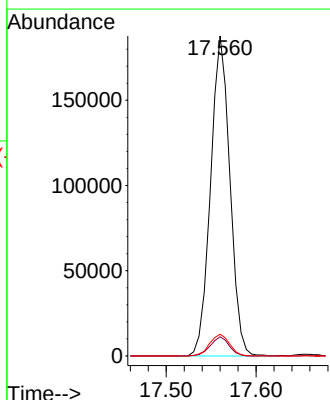
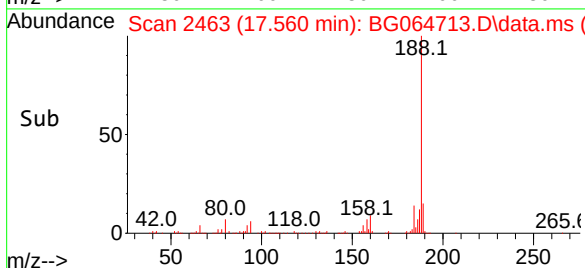
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

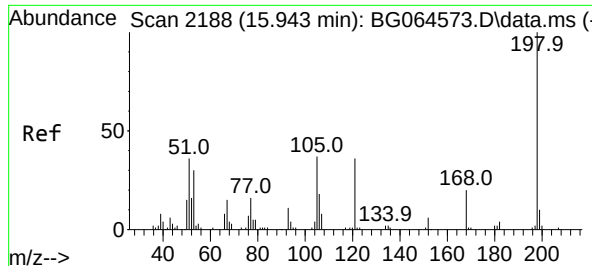


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.560 min Scan# 2463
Delta R.T. -0.023 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06



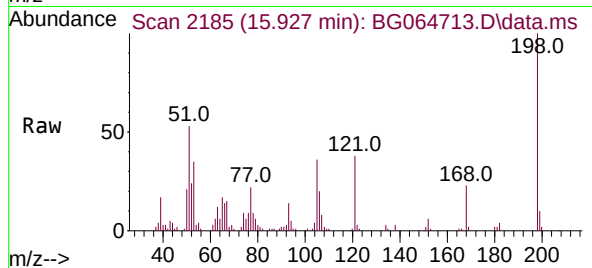
Tgt Ion:188 Resp: 282159
Ion Ratio Lower Upper
188 100
94 6.0 5.7 8.5
80 6.8 6.8 10.2#





#65
4,6-Dinitro-2-methylphenol
Concen: 49.614 ng
RT: 15.927 min Scan# 2185
Delta R.T. -0.016 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

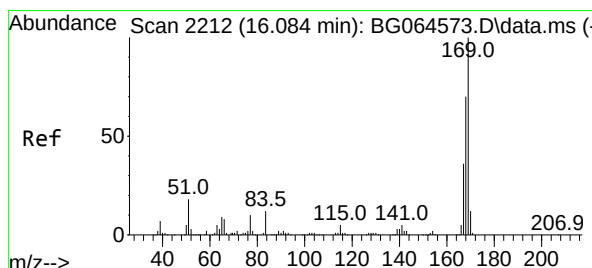
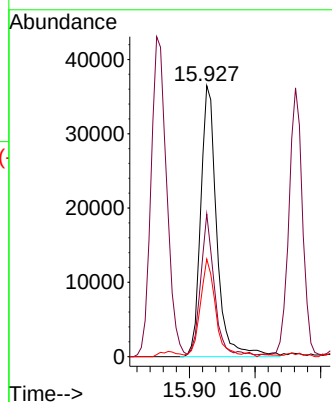
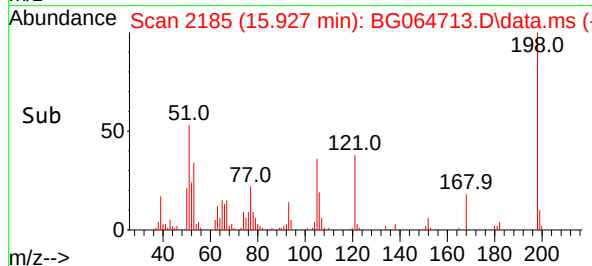
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



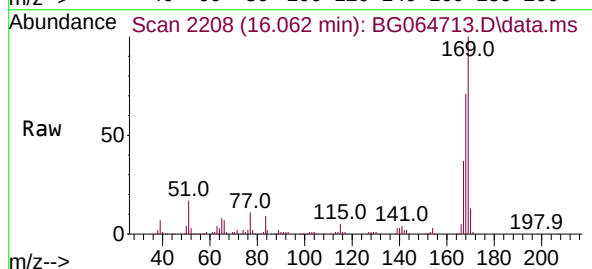
Tgt Ion:198 Resp: 61856
Ion Ratio Lower Upper
198 100
51 52.6 24.7 64.7
105 36.0 18.0 58.0

Manual Integrations
APPROVED

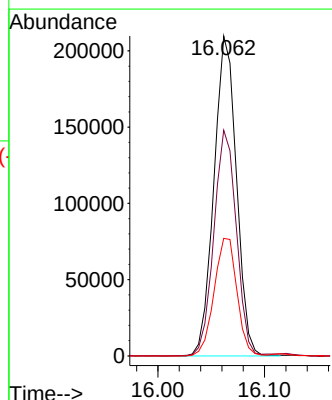
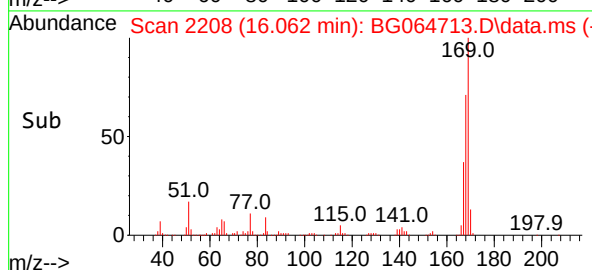
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

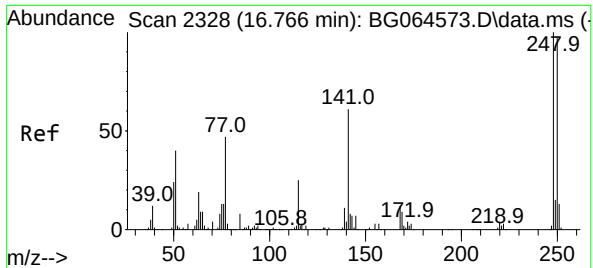


#66
n-Nitrosodiphenylamine
Concen: 40.454 ng
RT: 16.062 min Scan# 2208
Delta R.T. -0.023 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06



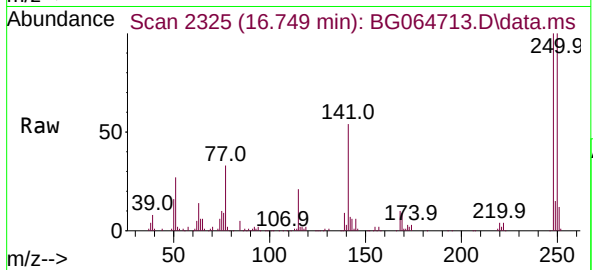
Tgt Ion:169 Resp: 308336
Ion Ratio Lower Upper
169 100
168 70.5 56.3 84.5
167 36.7 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 46.693 ng
RT: 16.749 min Scan# 2325
Delta R.T. -0.017 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

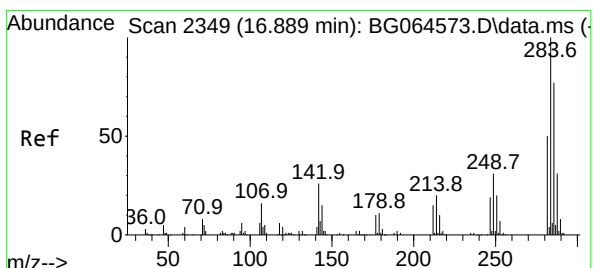
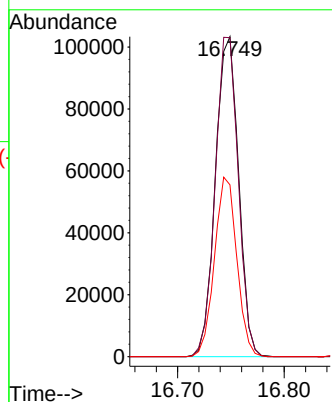
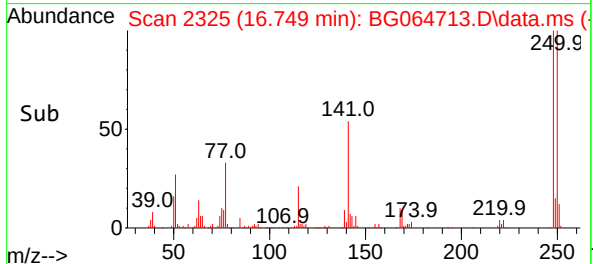
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



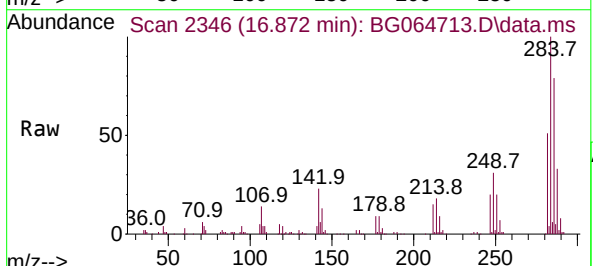
Tgt Ion:248 Resp: 156127
Ion Ratio Lower Upper
248 100
250 99.7 77.7 116.5
141 53.7 48.6 72.8

Manual Integrations
APPROVED

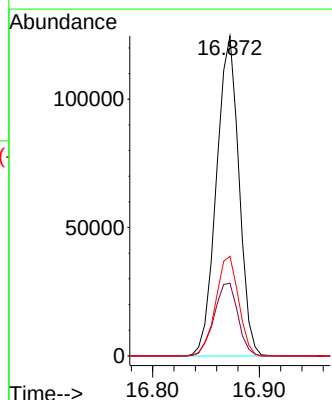
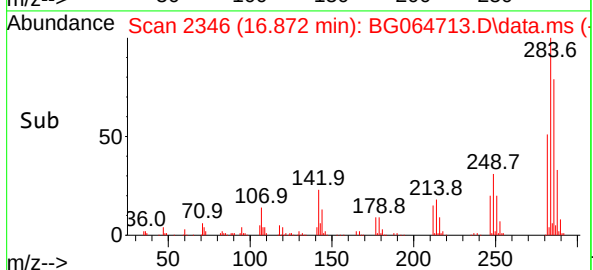
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

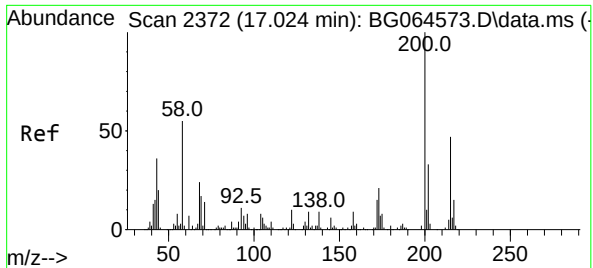


#68
Hexachlorobenzene
Concen: 47.941 ng
RT: 16.872 min Scan# 2346
Delta R.T. -0.017 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06



Tgt Ion:284 Resp: 182874
Ion Ratio Lower Upper
284 100
142 22.7 21.0 31.6
249 33.4 24.9 37.3





#69

Atrazine

Concen: 39.861 ng

RT: 17.002 min Scan# 2372

Delta R.T. -0.023 min

Lab File: BG064713.D

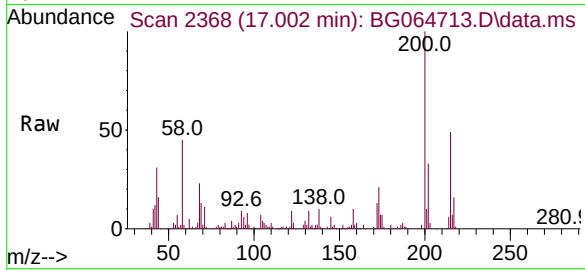
Acq: 7 Nov 2025 11:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion:200 Resp: 130742

Ion Ratio Lower Upper

200 100

173 20.6 0.9 40.9

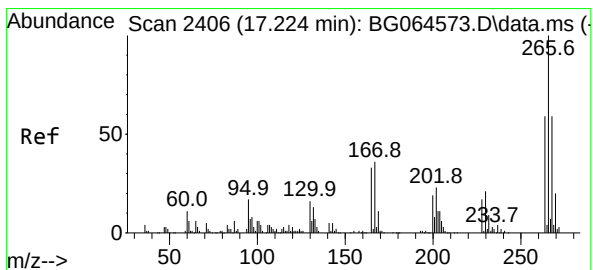
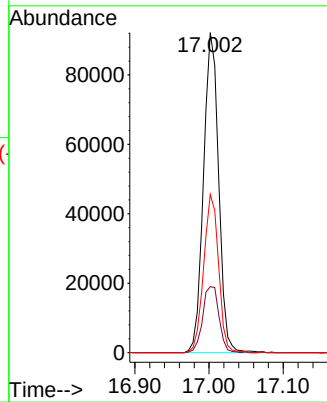
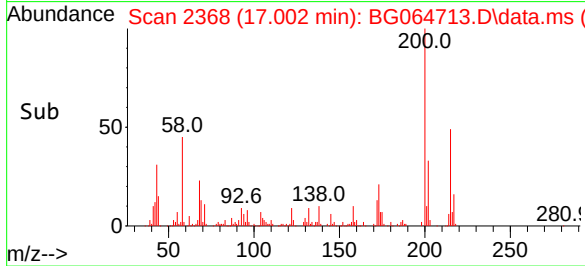
215 49.4 27.0 67.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#70

Pentachlorophenol

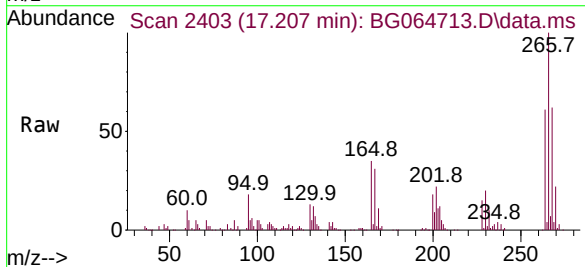
Concen: 56.305 ng

RT: 17.207 min Scan# 2403

Delta R.T. -0.017 min

Lab File: BG064713.D

Acq: 7 Nov 2025 11:06



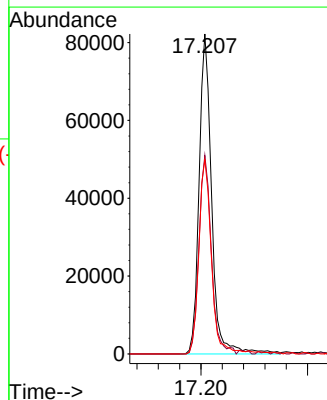
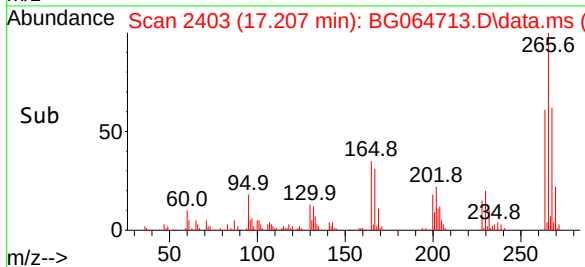
Tgt Ion:266 Resp: 133934

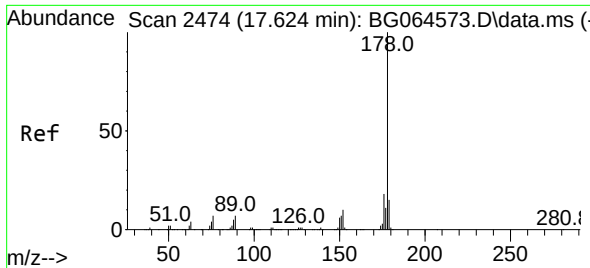
Ion Ratio Lower Upper

266 100

268 66.4 50.3 75.5

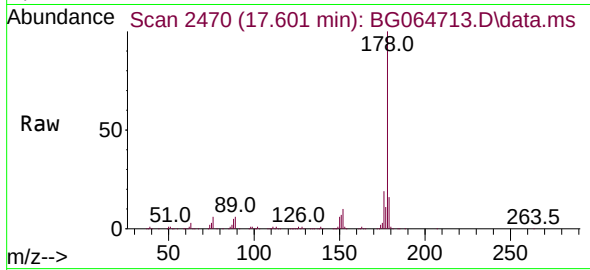
264 60.8 47.3 70.9





#71
Phenanthrene
Concen: 40.446 ng
RT: 17.601 min Scan# 2470
Delta R.T. -0.023 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

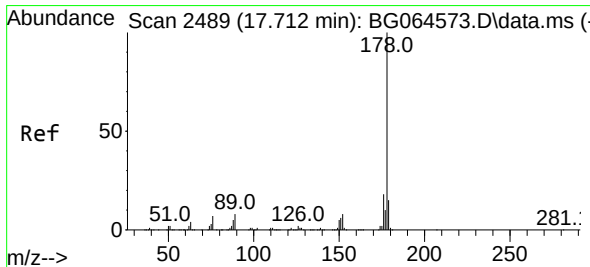
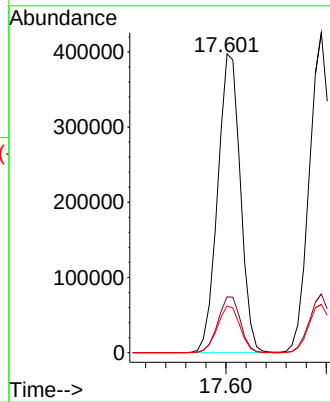
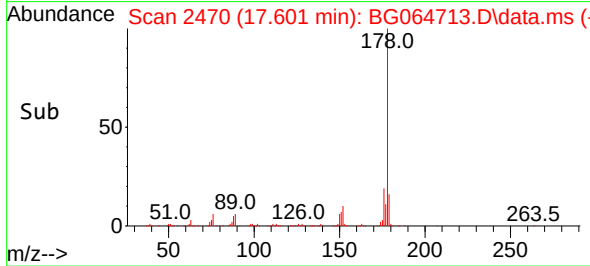
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:178 Resp: 624086
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.6 12.2 18.4

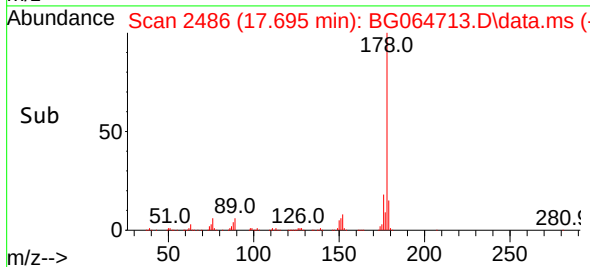
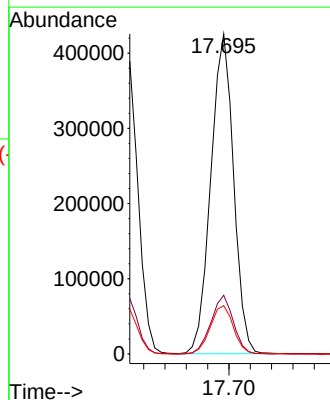
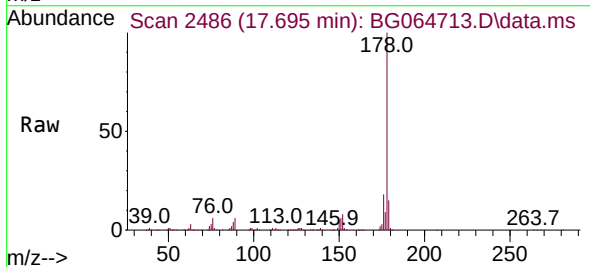
Manual Integrations
APPROVED

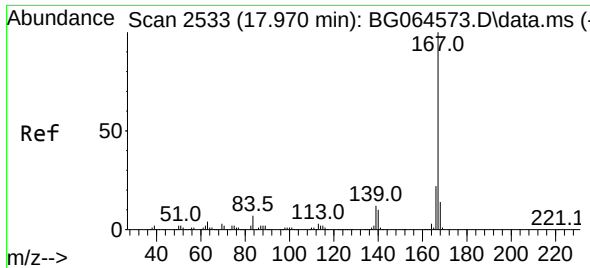
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#72
Anthracene
Concen: 40.249 ng
RT: 17.695 min Scan# 2486
Delta R.T. -0.017 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

Tgt Ion:178 Resp: 631750
Ion Ratio Lower Upper
178 100
176 18.3 14.4 21.6
179 15.1 12.4 18.6





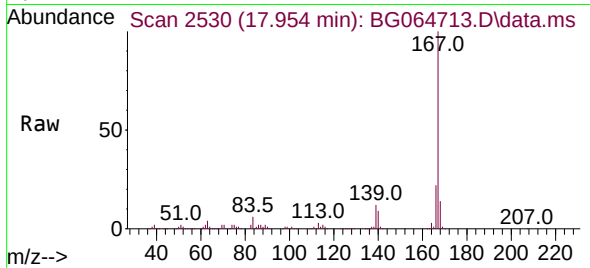
#73
Carbazole
Concen: 38.161 ng
RT: 17.954 min Scan# 2533
Delta R.T. -0.017 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

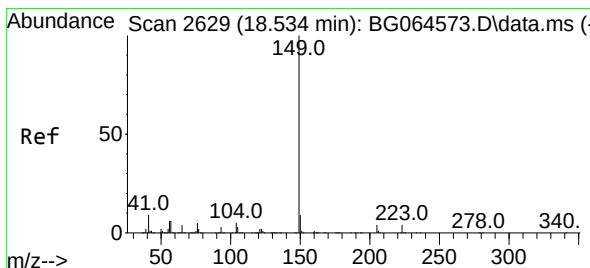
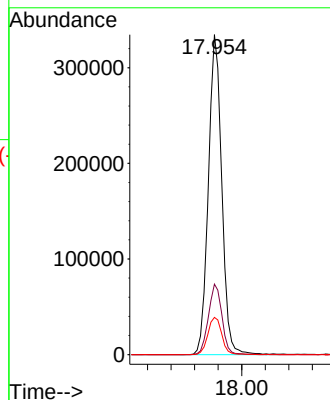
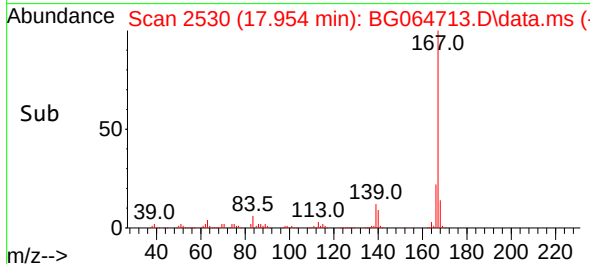


Tgt Ion:167 Resp: 52818
Ion Ratio Lower Upper
167 100
166 22.0 17.9 26.9
139 11.6 9.7 14.5

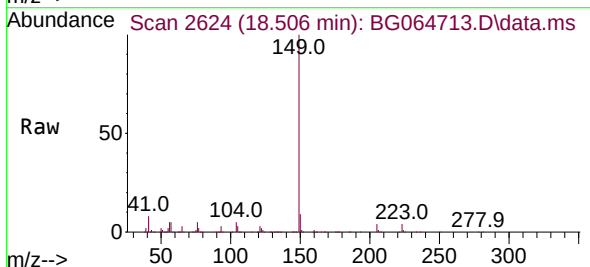
Manual Integrations

APPROVED

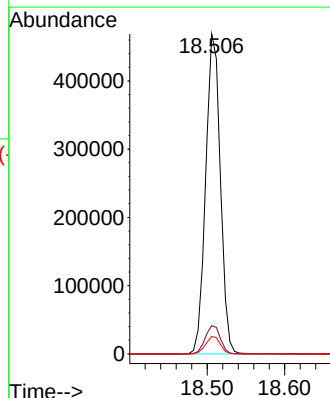
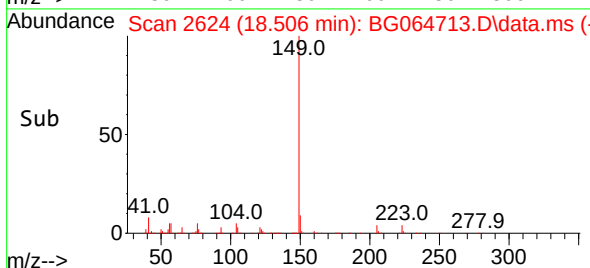
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

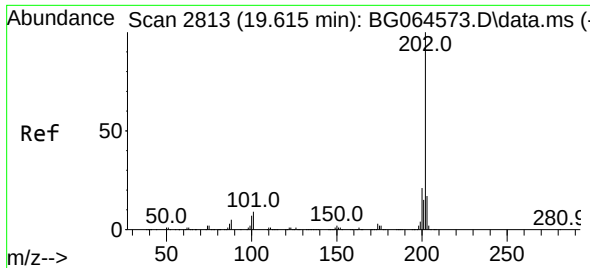


#74
Di-n-butylphthalate
Concen: 38.434 ng
RT: 18.506 min Scan# 2624
Delta R.T. -0.028 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06



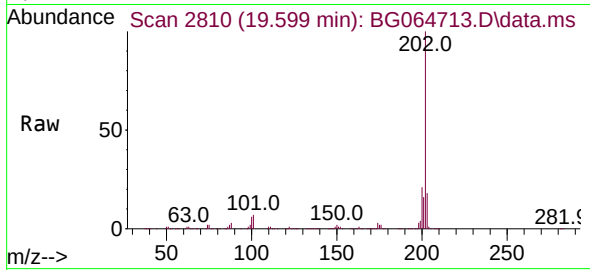
Tgt Ion:149 Resp: 615150
Ion Ratio Lower Upper
149 100
150 8.8 7.0 10.6
104 5.4 4.1 6.1





#75
Fluoranthene
Concen: 40.646 ng
RT: 19.599 min Scan# 2813
Delta R.T. -0.017 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

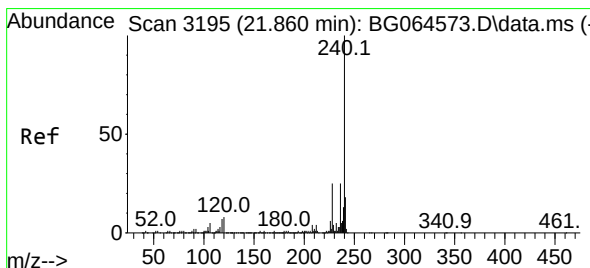
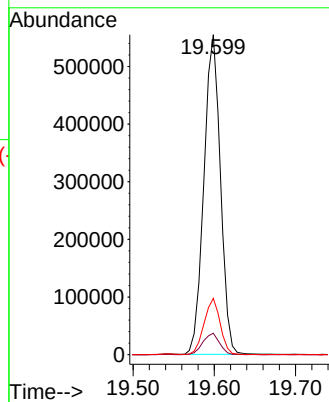
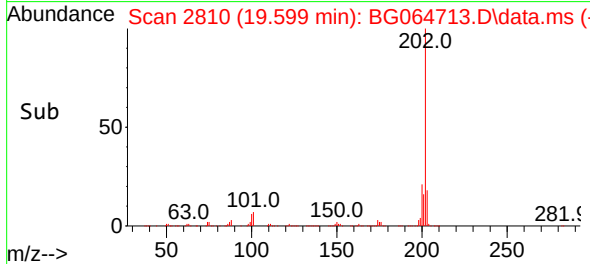
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 785690
Ion Ratio Lower Upper
202 100
101 6.7 0.0 28.7
203 17.6 0.0 37.0

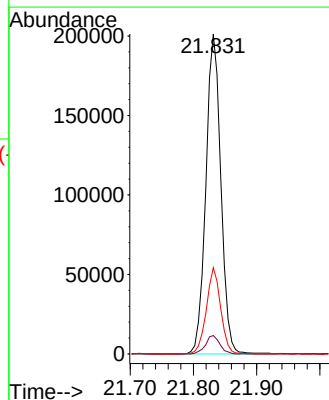
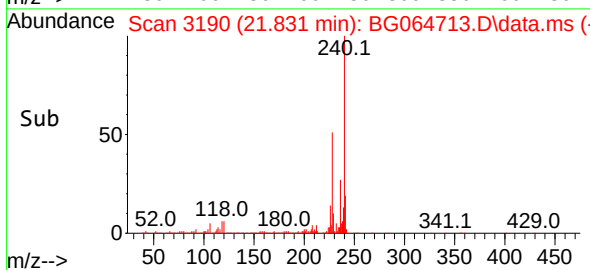
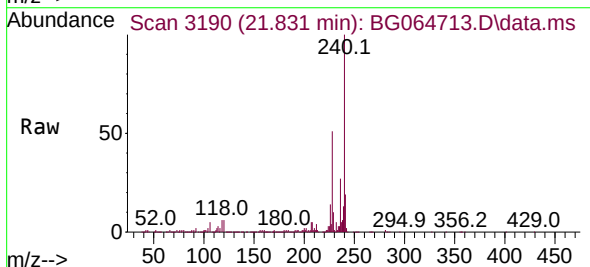
Manual Integrations
APPROVED

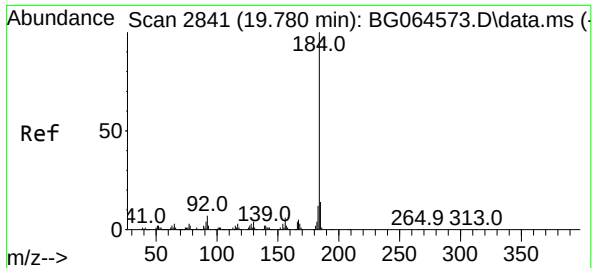
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.831 min Scan# 3190
Delta R.T. -0.028 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

Tgt Ion:240 Resp: 330480
Ion Ratio Lower Upper
240 100
120 5.7 6.5 9.7#
236 27.0 20.2 30.2





#77
Benzidine
Concen: 39.901 ng
RT: 19.763 min Scan# 2838
Delta R.T. -0.017 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

Instrument :

BNA_G

ClientSampleId :

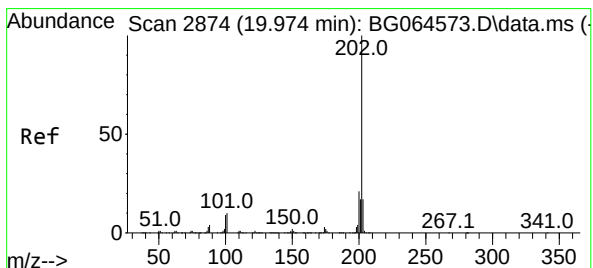
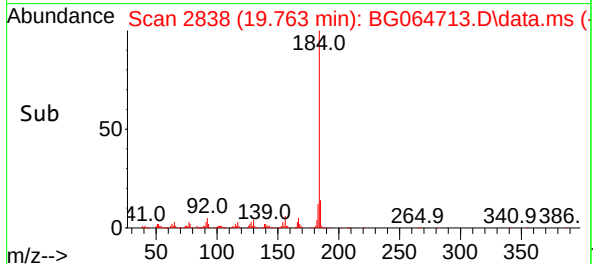
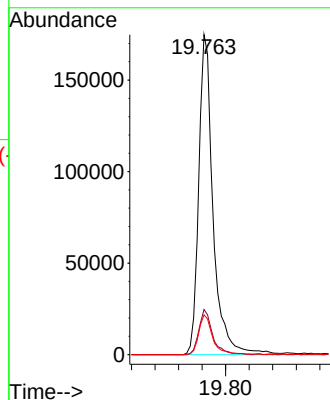
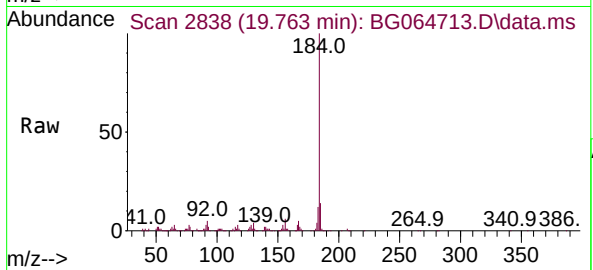
SSTDCCC040

Tgt Ion:184 Resp: 295431
Ion Ratio Lower Upper
184 100
185 14.1 11.4 17.2
183 12.4 9.4 14.2

Manual Integrations

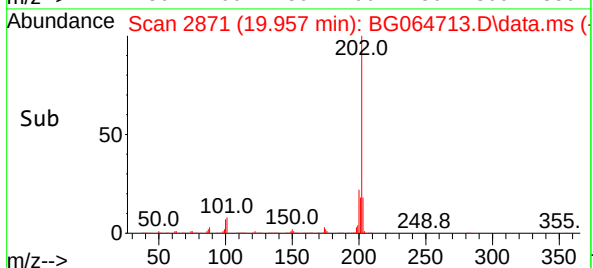
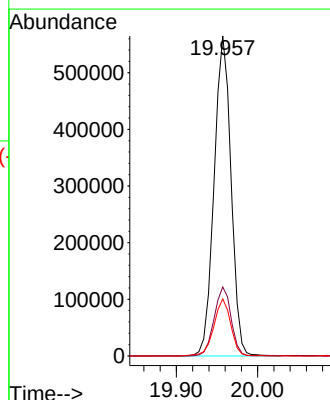
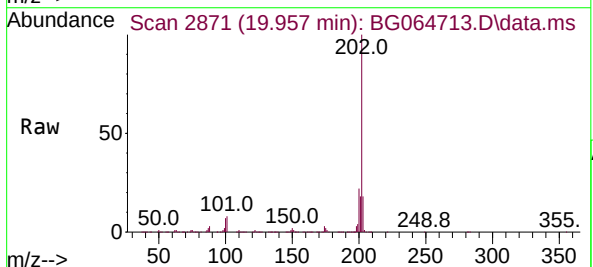
APPROVED

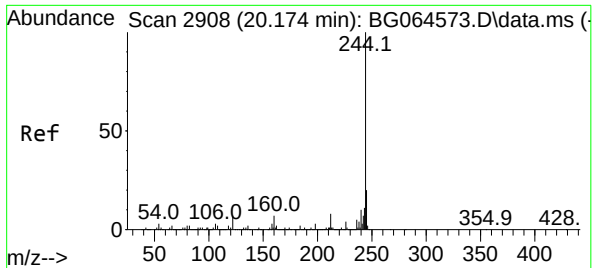
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#78
Pyrene
Concen: 37.863 ng
RT: 19.957 min Scan# 2871
Delta R.T. -0.017 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

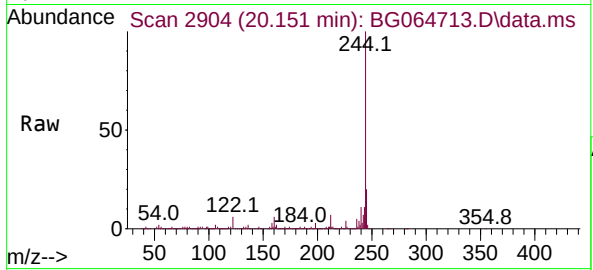
Tgt Ion:202 Resp: 817523
Ion Ratio Lower Upper
202 100
200 21.6 17.0 25.4
203 17.8 13.8 20.6





#79
 Terphenyl-d14
 Concen: 81.133 ng
 RT: 20.151 min Scan# 2904
 Delta R.T. -0.023 min
 Lab File: BG064713.D
 Acq: 7 Nov 2025 11:06

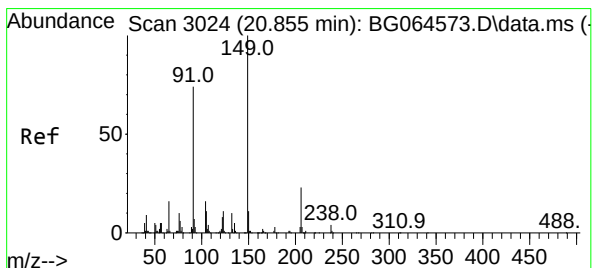
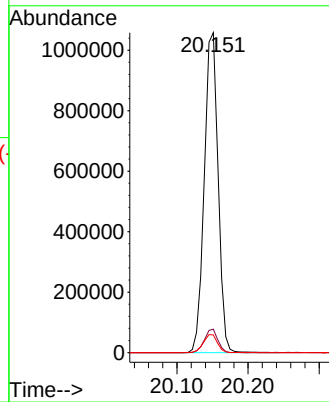
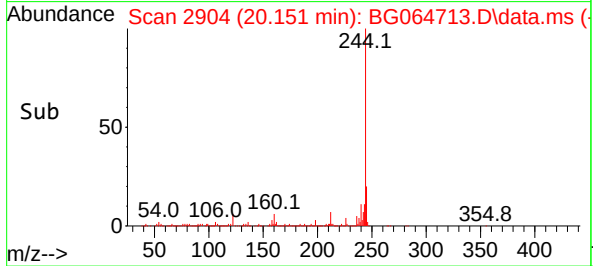
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040



Tgt Ion:244 Resp: 1420804
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 5.5 5.6 8.4

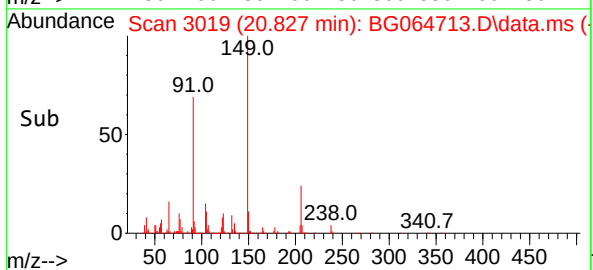
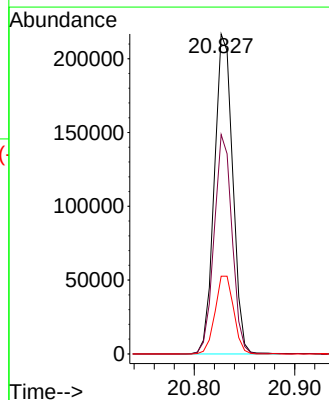
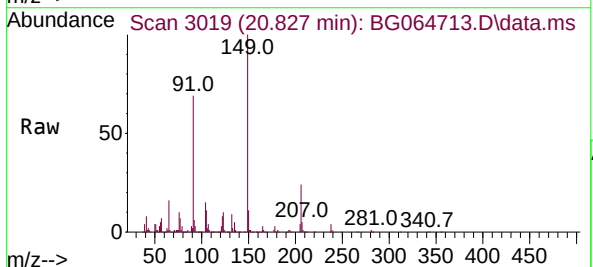
Manual Integrations
 APPROVED

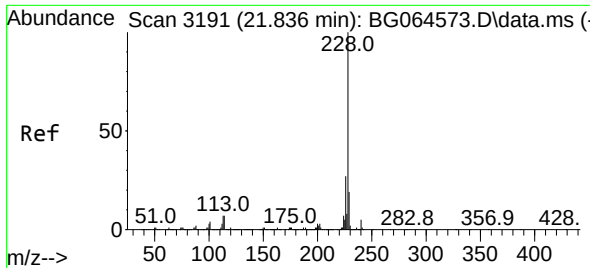
Reviewed By :Rahul Chavli 11/10/2025
 Supervised By :Jagrut Upadhyay 11/10/2025



#80
 Butylbenzylphthalate
 Concen: 42.130 ng
 RT: 20.827 min Scan# 3019
 Delta R.T. -0.028 min
 Lab File: BG064713.D
 Acq: 7 Nov 2025 11:06

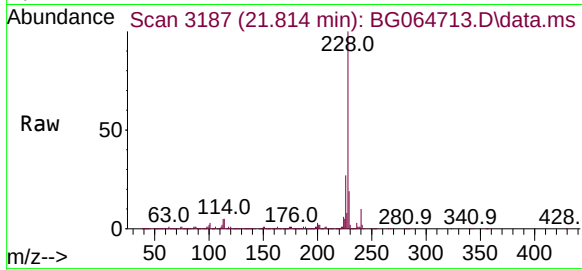
Tgt Ion:149 Resp: 274936
 Ion Ratio Lower Upper
 149 100
 91 68.5 59.2 88.8
 206 24.3 18.1 27.1





#81
Benzo(a)anthracene
Concen: 41.530 ng
RT: 21.814 min Scan# 3191
Delta R.T. -0.023 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

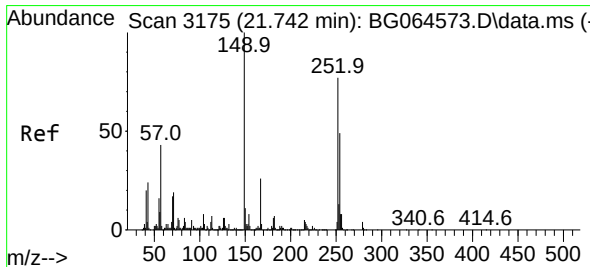
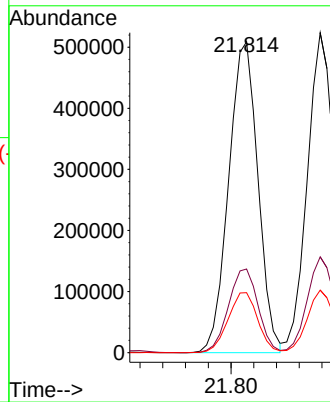
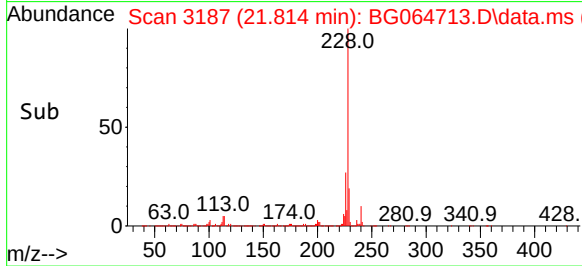
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 910033
Ion Ratio Lower Upper
228 100
226 26.9 21.9 32.9
229 19.3 15.6 23.4

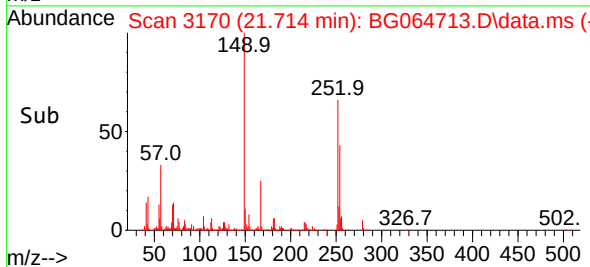
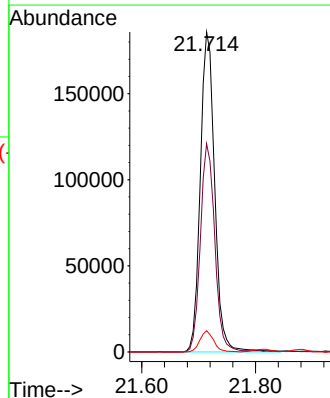
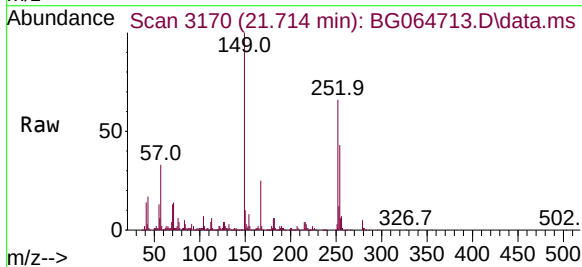
Manual Integrations
APPROVED

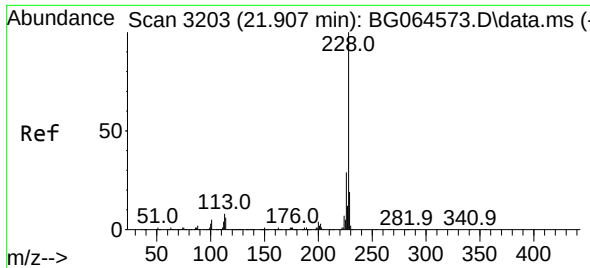
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#82
3,3'-Dichlorobenzidine
Concen: 44.362 ng
RT: 21.714 min Scan# 3170
Delta R.T. -0.028 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

Tgt Ion:252 Resp: 324615
Ion Ratio Lower Upper
252 100
254 65.1 50.8 76.2
126 6.6 5.8 8.6





#83

Chrysene

Concen: 41.594 ng

RT: 21.878 min Scan# 3198

Delta R.T. -0.028 min

Lab File: BG064713.D

Acq: 7 Nov 2025 11:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 867236

Ion Ratio Lower Upper

228 100

226 29.9 23.3 34.9

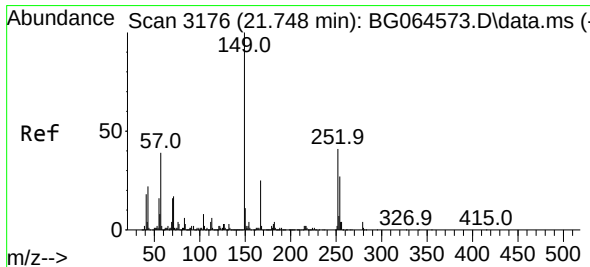
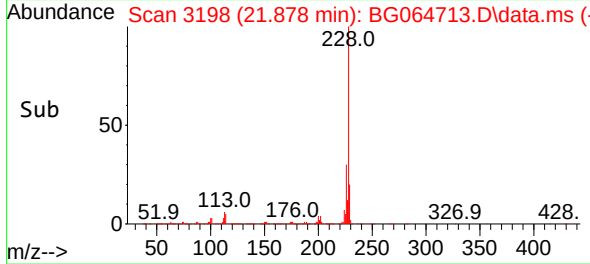
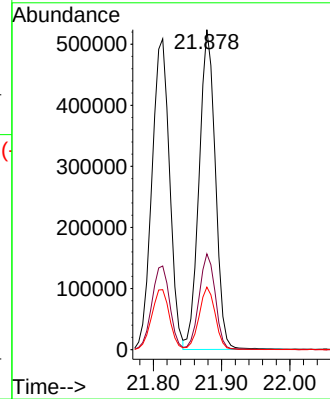
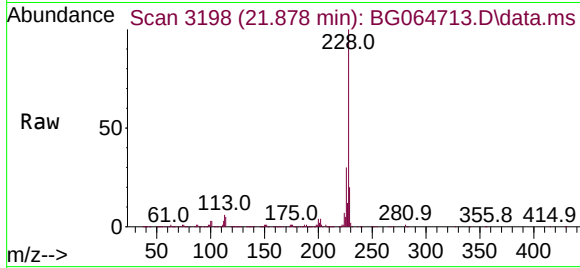
229 19.5 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.665 ng

RT: 21.714 min Scan# 3170

Delta R.T. -0.034 min

Lab File: BG064713.D

Acq: 7 Nov 2025 11:06

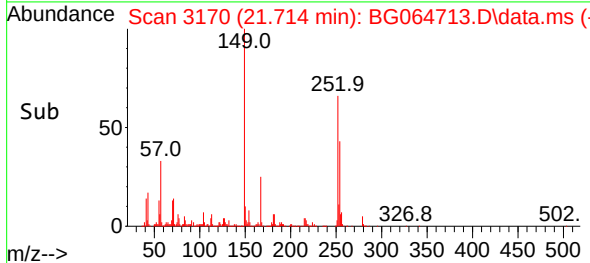
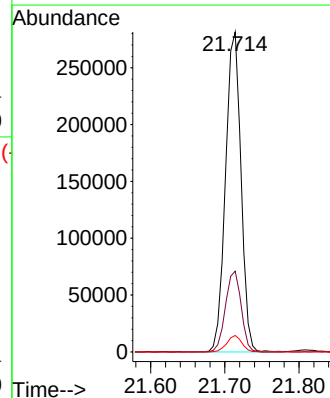
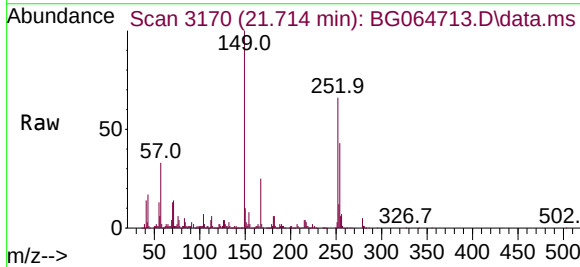
Tgt Ion:149 Resp: 406286

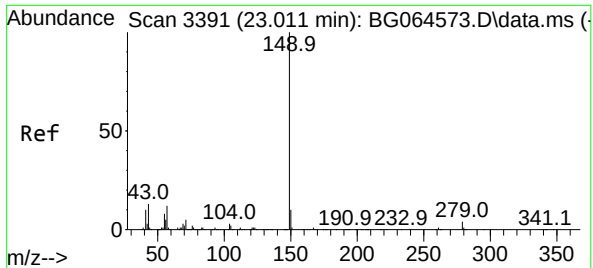
Ion Ratio Lower Upper

149 100

167 25.2 20.0 30.0

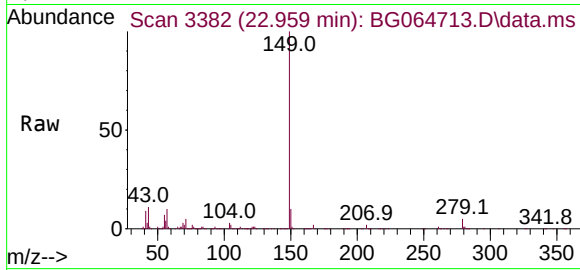
279 5.1 3.1 4.7#





#85
Di-n-octyl phthalate
Concen: 42.635 ng
RT: 22.959 min Scan# 3391
Delta R.T. -0.052 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

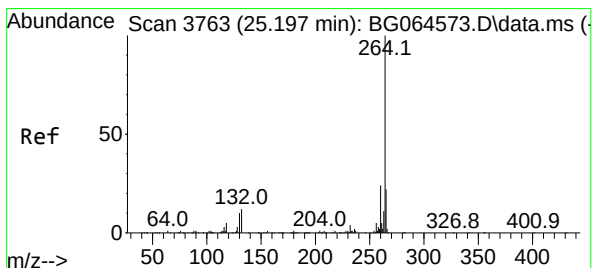
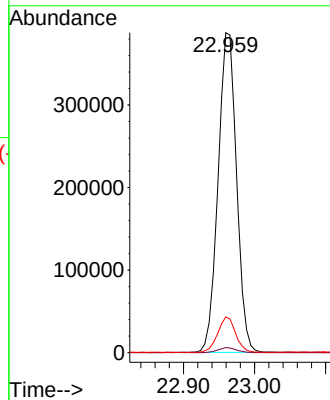
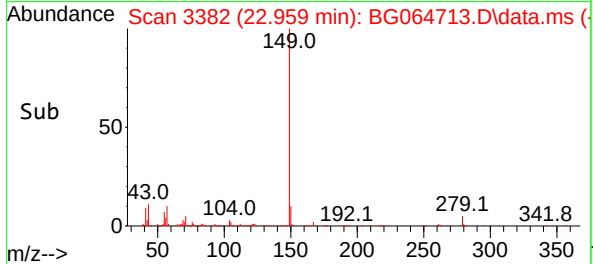
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 700940
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.7 10.8 16.2

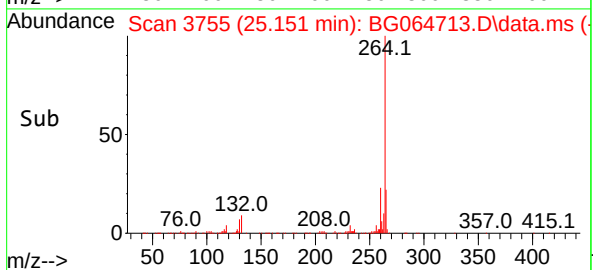
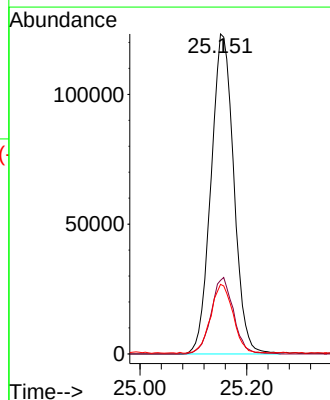
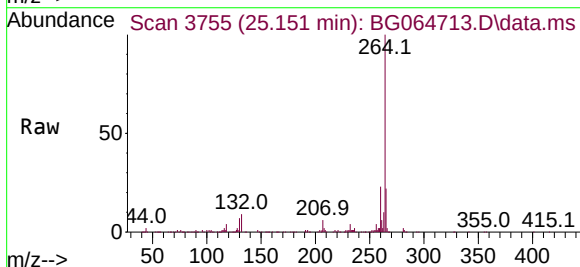
Manual Integrations
APPROVED

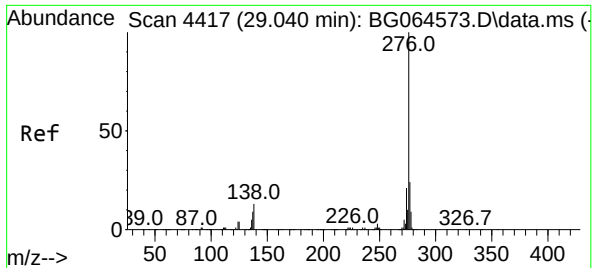
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.151 min Scan# 3755
Delta R.T. -0.046 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

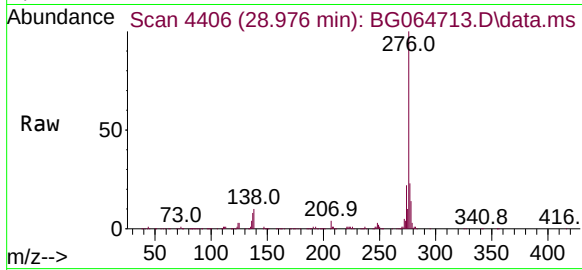
Tgt Ion:264 Resp: 365451
Ion Ratio Lower Upper
264 100
260 23.0 19.0 28.4
265 21.7 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.259 ng
RT: 28.976 min Scan# 4417
Delta R.T. -0.064 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

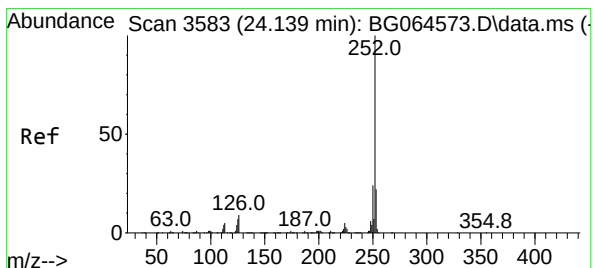
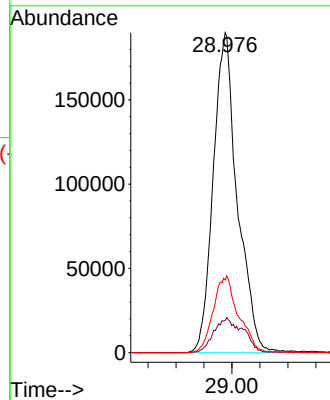
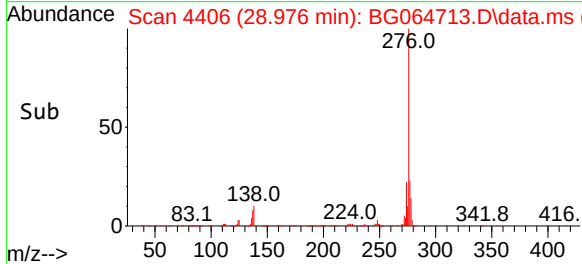
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:276 Resp: 1136076
Ion Ratio Lower Upper
276 100
138 9.6 10.8 16.2
277 25.1 20.1 30.1

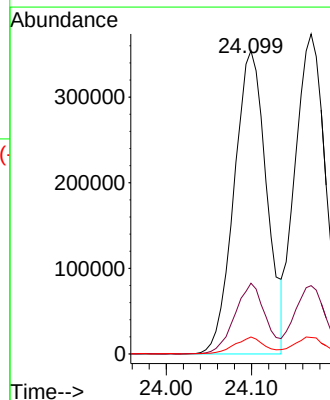
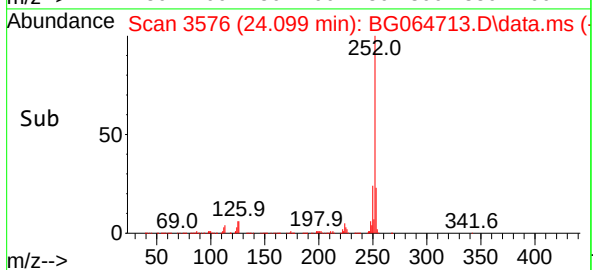
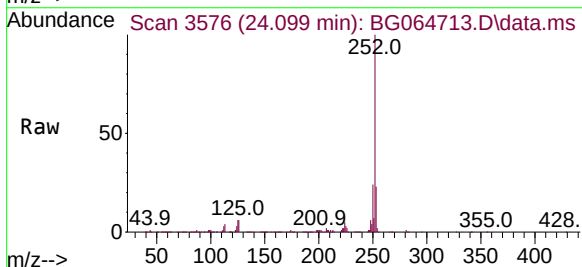
Manual Integrations
APPROVED

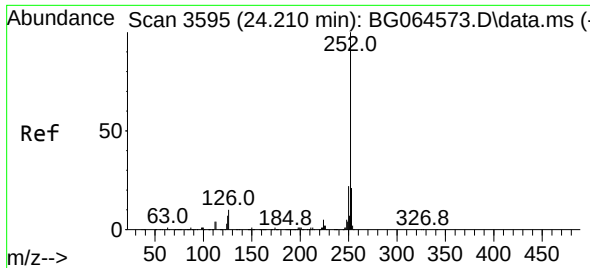
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#88
Benzo(b)fluoranthene
Concen: 41.916 ng
RT: 24.099 min Scan# 3576
Delta R.T. -0.040 min
Lab File: BG064713.D
Acq: 7 Nov 2025 11:06

Tgt Ion:252 Resp: 939317
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 5.6 5.6 8.4





#89

Benzo(k)fluoranthene

Concen: 41.419 ng m

RT: 24.170 min Scan# 3588

Delta R.T. -0.040 min

Lab File: BG064713.D

Acq: 7 Nov 2025 11:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 928812

Ion Ratio Lower Upper

252 100

253 21.3 16.8 25.2

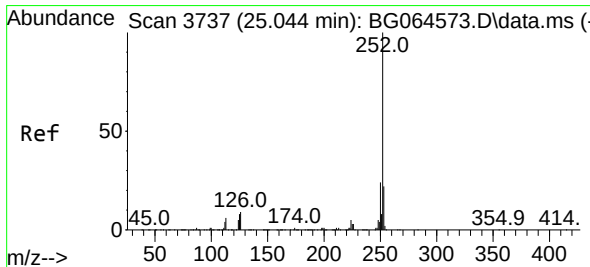
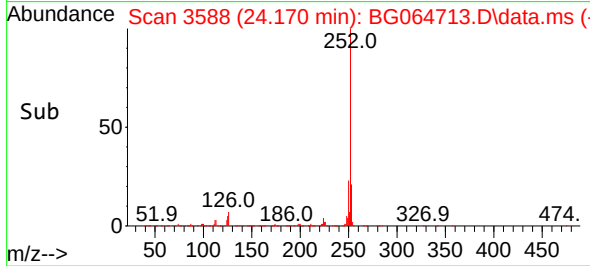
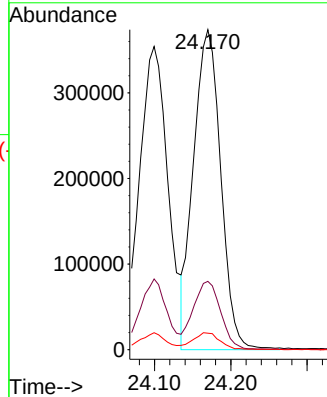
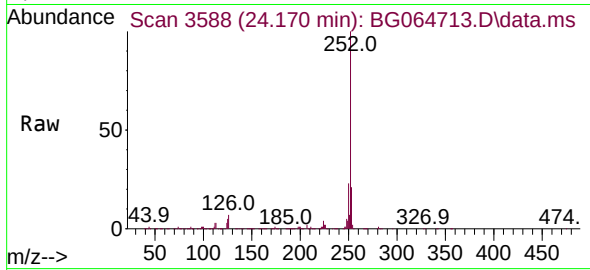
125 5.1 5.4 8.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#90

Benzo(a)pyrene

Concen: 41.761 ng

RT: 24.998 min Scan# 3729

Delta R.T. -0.046 min

Lab File: BG064713.D

Acq: 7 Nov 2025 11:06

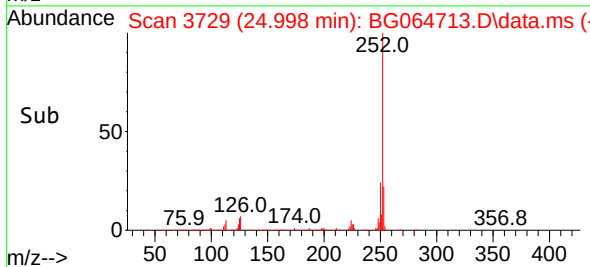
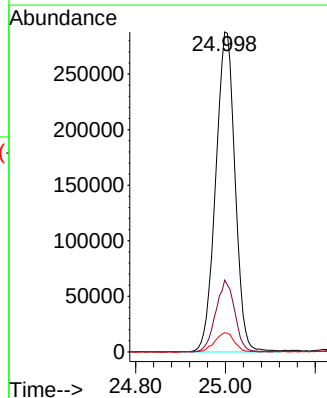
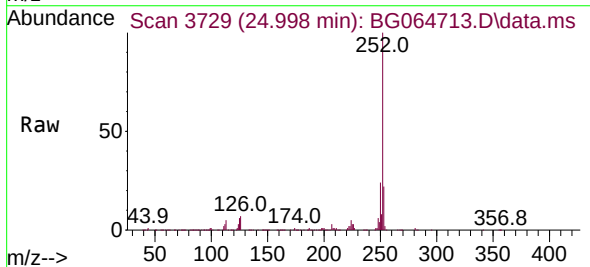
Tgt Ion:252 Resp: 860233

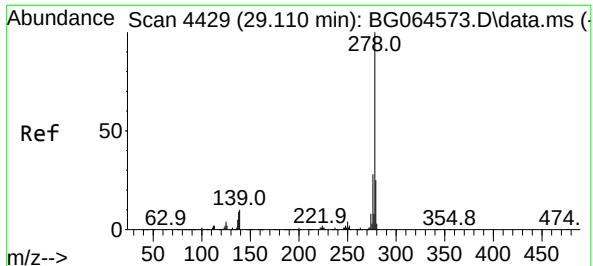
Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 6.0 6.1 9.1#





#91

Dibenzo(a,h)anthracene

Concen: 42.375 ng

RT: 29.041 min Scan# 4429

Delta R.T. -0.070 min

Lab File: BG064713.D

Acq: 7 Nov 2025 11:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 92552

Ion Ratio Lower Upper

278 100

139 8.7 8.0 12.0

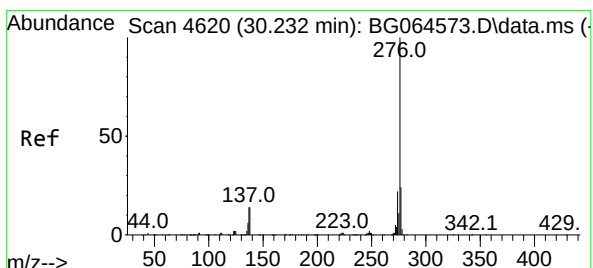
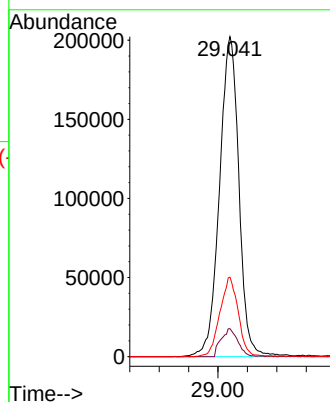
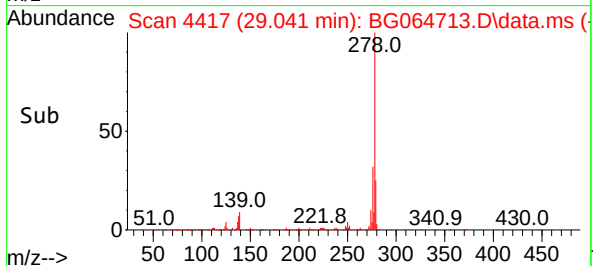
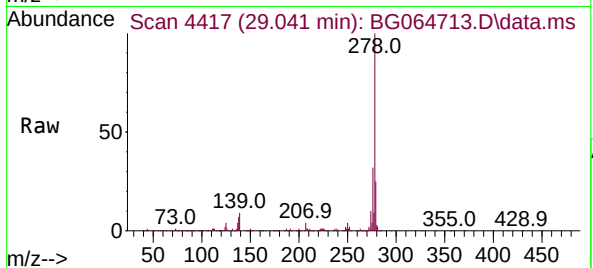
279 24.8 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#92

Benzo(g,h,i)perylene

Concen: 42.086 ng

RT: 30.163 min Scan# 4608

Delta R.T. -0.070 min

Lab File: BG064713.D

Acq: 7 Nov 2025 11:06

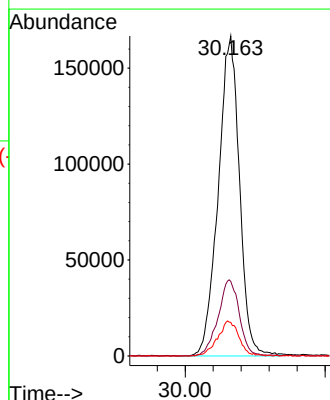
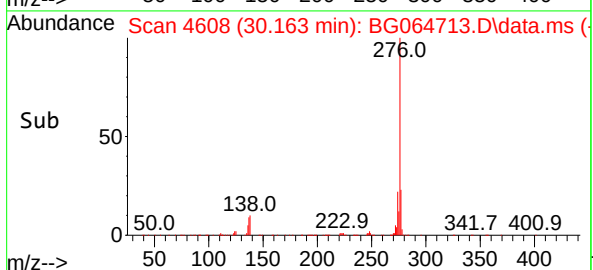
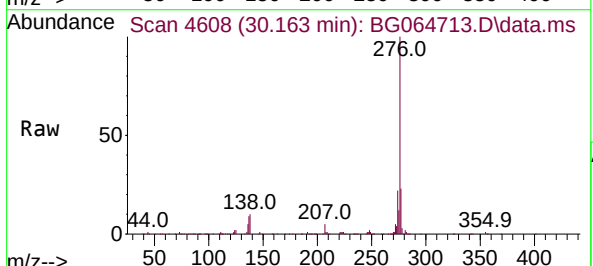
Tgt Ion:276 Resp: 878100

Ion Ratio Lower Upper

276 100

277 23.3 19.1 28.7

138 10.5 11.3 16.9#



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
 Data File : BG064713.D
 Acq On : 7 Nov 2025 11:06
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC040

Quant Time: Nov 07 11:43:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	91	-0.02
2	1,4-Dioxane	0.528	0.447	15.3	78	-0.02
3	Pyridine	1.584	1.321	16.6	72	-0.02
4	n-Nitrosodimethylamine	0.850	0.701	17.5	71	-0.02
5 S	2-Fluorophenol	1.192	1.167	2.1	83	-0.02
6	Aniline	2.225	2.027	8.9	78	-0.02
7 S	Phenol-d6	1.635	1.530	6.4	79	-0.01
8	2-Chlorophenol	1.247	1.303	-4.5	87	-0.02
9	Benzaldehyde	0.893	0.862	3.5	84	-0.02
10 C	Phenol	1.808	1.675	7.4	79	-0.01
11	bis(2-Chloroethyl)ether	1.329	1.240	6.7	82	-0.02
12	1,3-Dichlorobenzene	1.435	1.473	-2.6	89	-0.02
13 C	1,4-Dichlorobenzene	1.460	1.507	-3.2	90	-0.02
14	1,2-Dichlorobenzene	1.408	1.477	-4.9	91	-0.02
15	Benzyl Alcohol	1.348	1.291	4.2	83	-0.02
16	2,2'-oxybis(1-Chloropropane	3.487	3.040	12.8	74	-0.02
17	2-Methylphenol	1.201	1.213	-1.0	87	-0.02
18	Hexachloroethane	0.512	0.549	-7.2	93	-0.02
19 P	n-Nitroso-di-n-propylamine	1.130	1.066	5.7	79	-0.02
20	3+4-Methylphenols	1.688	1.626	3.7	82	-0.01
21 I	Naphthalene-d8	1.000	1.000	0.0	89	-0.02
22	Acetophenone	0.547	0.546	0.2	83	-0.02
23 S	Nitrobenzene-d5	0.333	0.407	-22.2	96	-0.02
24	Nitrobenzene	0.362	0.418	-15.5	91	-0.02
25	Isophorone	0.799	0.767	4.0	79	-0.02
26 C	2-Nitrophenol	0.121	0.191	-57.9#	124	-0.02
27	2,4-Dimethylphenol	0.297	0.293	1.3	78	-0.02
28	bis(2-Chloroethoxy)methane	0.455	0.431	5.3	79	-0.02
29 C	2,4-Dichlorophenol	0.320	0.372	-16.2	92	-0.02
30	1,2,4-Trichlorobenzene	0.363	0.418	-15.2	95	-0.02
31	Naphthalene	1.109	1.137	-2.5	86	-0.02
32	Benzoic acid	0.207	0.229	-10.6	92	-0.02
33	4-Chloroaniline	0.431	0.419	2.8	81	-0.02
34 C	Hexachlorobutadiene	0.284	0.357	-25.7#	106	-0.02
35	Caprolactam	0.123	0.103	16.3	68	0.00
36 C	4-Chloro-3-methylphenol	0.384	0.408	-6.2	86	-0.01
37	2-Methylnaphthalene	0.814	0.846	-3.9	87	-0.02
38	1-Methylnaphthalene	0.806	0.817	-1.4	86	-0.02
39 I	Acenaphthene-d10	1.000	1.000	0.0	89	-0.02
40	1,2,4,5-Tetrachlorobenzene	0.671	0.802	-19.5	102	-0.02
41 P	Hexachlorocyclopentadiene	0.302	0.354	-17.2	98	-0.02
42 S	2,4,6-Tribromophenol	0.289	0.381	-31.8#	107	-0.02
43 C	2,4,6-Trichlorophenol	0.384	0.479	-24.7#	101	-0.02
44	2,4,5-Trichlorophenol	0.443	0.535	-20.8	99	-0.01
45 S	2-Fluorobiphenyl	1.319	1.406	-6.6	91	-0.02
46	1,1'-Biphenyl	1.422	1.468	-3.2	88	-0.02
47	2-Chloronaphthalene	1.073	1.150	-7.2	91	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
 Data File : BG064713.D
 Acq On : 7 Nov 2025 11:06
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC040

Quant Time: Nov 07 11:43:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.311	0.383	-23.2	98	-0.02
49	Acenaphthylene	1.693	1.736	-2.5	87	-0.02
50	Dimethylphthalate	1.530	1.544	-0.9	84	-0.02
51	2,6-Dinitrotoluene	0.218	0.306	-40.4#	111	-0.02
52 C	Acenaphthene	1.157	1.175	-1.6	86	-0.02
53	3-Nitroaniline	0.263	0.300	-14.1	91	-0.02
54 P	2,4-Dinitrophenol	0.132	0.124	6.1	81	-0.01
55	Dibenzofuran	1.870	1.933	-3.4	88	-0.02
56 P	4-Nitrophenol	0.244	0.227	7.0	78	0.00
57	2,4-Dinitrotoluene	0.340	0.458	-34.7#	106	-0.02
58	Fluorene	1.460	1.491	-2.1	87	-0.02
59	2,3,4,6-Tetrachlorophenol	0.424	0.526	-24.1	101	-0.02
60	Diethylphthalate	1.563	1.526	2.4	82	-0.03
61	4-Chlorophenyl-phenylether	0.820	0.916	-11.7	94	-0.02
62	4-Nitroaniline	0.293	0.315	-7.5	86	-0.02
63	Azobenzene	1.434	1.309	8.7	76	-0.02
64 I	Phenanthrene-d10	1.000	1.000	0.0	90	-0.02
65	4,6-Dinitro-2-methylphenol	0.079	0.110	-39.2#	119	-0.02
66 c	n-Nitrosodiphenylamine	0.540	0.546	-1.1	84	-0.02
67	4-Bromophenyl-phenylether	0.237	0.277	-16.9	97	-0.02
68	Hexachlorobenzene	0.270	0.324	-20.0	100	-0.02
69	Atrazine	0.232	0.232	0.0	85	-0.02
70 C	Pentachlorophenol	0.169	0.237	-40.2#	119	-0.02
71	Phenanthrene	1.094	1.106	-1.1	86	-0.02
72	Anthracene	1.113	1.119	-0.5	85	-0.02
73	Carbazole	0.981	0.936	4.6	82	-0.02
74	Di-n-butylphthalate	1.134	1.090	3.9	79	-0.03
75 C	Fluoranthene	1.370	1.392	-1.6	87	-0.02
76 I	Chrysene-d12	1.000	1.000	0.0	99	-0.03
77	Benzydine	0.448	0.447	0.2	91	-0.02
78	Pyrene	1.307	1.237	5.4	87	-0.02
79 S	Terphenyl-d14	1.060	1.075	-1.4	93	-0.02
80	Butylbenzylphthalate	0.395	0.416	-5.3	92	-0.03
81	Benzo(a)anthracene	1.326	1.377	-3.8	97	-0.02
82	3,3'-Dichlorobenzidine	0.443	0.491	-10.8	102	-0.03
83	Chrysene	1.262	1.312	-4.0	97	-0.03
84	Bis(2-ethylhexyl)phthalate	0.590	0.615	-4.2	91	-0.03
85 c	Di-n-octyl phthalate	0.995	1.060	-6.5	97	-0.05
86 I	Perylene-d12	1.000	1.000	0.0	104	-0.05
87	Indeno(1,2,3-cd)pyrene	1.471	1.554	-5.6	103	-0.06
88	Benzo(b)fluoranthene	1.226	1.285	-4.8	101	-0.04
89	Benzo(k)fluoranthene	1.227	1.271	-3.6	103	-0.04
90 C	Benzo(a)pyrene	1.127	1.177	-4.4	102	-0.05
91	Dibenzo(a,h)anthracene	1.195	1.266	-5.9	104	-0.07
92	Benzo(g,h,i)perylene	1.142	1.201	-5.2	103	-0.07

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
Data File : BG064713.D
Acq On : 7 Nov 2025 11:06
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Nov 07 11:43:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 4

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
 Data File : BG064713.D
 Acq On : 7 Nov 2025 11:06
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC040

Quant Time: Nov 07 11:43:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	91	-0.02
2	1,4-Dioxane	40.000	33.905	15.2	78	-0.02
3	Pyridine	40.000	33.348	16.6	72	-0.02
4	n-Nitrosodimethylamine	40.000	33.011	17.5	71	-0.02
5 S	2-Fluorophenol	80.000	78.378	2.0	83	-0.02
6	Aniline	40.000	36.448	8.9	78	-0.02
7 S	Phenol-d6	80.000	74.840	6.4	79	-0.01
8	2-Chlorophenol	40.000	41.801	-4.5	87	-0.02
9	Benzaldehyde	40.000	38.631	3.4	84	-0.02
10 C	Phenol	40.000	37.053	7.4	79	-0.01
11	bis(2-Chloroethyl)ether	40.000	37.297	6.8	82	-0.02
12	1,3-Dichlorobenzene	40.000	41.033	-2.6	89	-0.02
13 C	1,4-Dichlorobenzene	40.000	41.290	-3.2	90	-0.02
14	1,2-Dichlorobenzene	40.000	41.979	-4.9	91	-0.02
15	Benzyl Alcohol	40.000	38.298	4.3	83	-0.02
16	2,2'-oxybis(1-Chloropropane	40.000	34.869	12.8	74	-0.02
17	2-Methylphenol	40.000	40.425	-1.1	87	-0.02
18	Hexachloroethane	40.000	42.892	-7.2	93	-0.02
19 P	n-Nitroso-di-n-propylamine	40.000	37.752	5.6	79	-0.02
20	3+4-Methylphenols	40.000	38.526	3.7	82	-0.01
21 I	Naphthalene-d8	20.000	20.000	0.0	89	-0.02
22	Acetophenone	40.000	39.964	0.1	83	-0.02
23 S	Nitrobenzene-d5	80.000	97.776	-22.2	96	-0.02
24	Nitrobenzene	40.000	46.125	-15.3	91	-0.02
25	Isophorone	40.000	38.411	4.0	79	-0.02
26 C	2-Nitrophenol	40.000	54.213	-35.5#	124	-0.02
27	2,4-Dimethylphenol	40.000	39.486	1.3	78	-0.02
28	bis(2-Chloroethoxy)methane	40.000	37.888	5.3	79	-0.02
29 C	2,4-Dichlorophenol	40.000	46.524	-16.3	92	-0.02
30	1,2,4-Trichlorobenzene	40.000	45.995	-15.0	95	-0.02
31	Naphthalene	40.000	41.010	-2.5	86	-0.02
32	Benzoic acid	40.000	41.489	-3.7	92	-0.02
33	4-Chloroaniline	40.000	38.862	2.8	81	-0.02
34 C	Hexachlorobutadiene	40.000	50.186	-25.5#	106	-0.02
35	Caprolactam	40.000	33.426	16.4	68	0.00
36 C	4-Chloro-3-methylphenol	40.000	42.494	-6.2	86	-0.01
37	2-Methylnaphthalene	40.000	41.566	-3.9	87	-0.02
38	1-Methylnaphthalene	40.000	40.552	-1.4	86	-0.02
39 I	Acenaphthene-d10	20.000	20.000	0.0	89	-0.02
40	1,2,4,5-Tetrachlorobenzene	40.000	47.779	-19.4	102	-0.02
41 P	Hexachlorocyclopentadiene	40.000	46.890	-17.2	98	-0.02
42 S	2,4,6-Tribromophenol	80.000	105.491	-31.9#	107	-0.02
43 C	2,4,6-Trichlorophenol	40.000	49.885	-24.7#	101	-0.02
44	2,4,5-Trichlorophenol	40.000	48.290	-20.7	99	-0.01
45 S	2-Fluorobiphenyl	80.000	85.228	-6.5	91	-0.02
46	1,1'-Biphenyl	40.000	41.305	-3.3	88	-0.02
47	2-Chloronaphthalene	40.000	42.878	-7.2	91	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
 Data File : BG064713.D
 Acq On : 7 Nov 2025 11:06
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC040

Quant Time: Nov 07 11:43:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	42.910	-7.3	98	-0.02
49	Acenaphthylene	40.000	41.011	-2.5	87	-0.02
50	Dimethylphthalate	40.000	40.346	-0.9	84	-0.02
51	2,6-Dinitrotoluene	40.000	48.486	-21.2	111	-0.02
52 C	Acenaphthene	40.000	40.629	-1.6	86	-0.02
53	3-Nitroaniline	40.000	45.555	-13.9	91	-0.02
54 P	2,4-Dinitrophenol	40.000	35.411	11.5	81	-0.01
55	Dibenzofuran	40.000	41.348	-3.4	88	-0.02
56 P	4-Nitrophenol	40.000	37.190	7.0	78	0.00
57	2,4-Dinitrotoluene	40.000	47.030	-17.6	106	-0.02
58	Fluorene	40.000	40.841	-2.1	87	-0.02
59	2,3,4,6-Tetrachlorophenol	40.000	49.659	-24.1	101	-0.02
60	Diethylphthalate	40.000	39.060	2.3	82	-0.03
61	4-Chlorophenyl-phenylether	40.000	44.709	-11.8	94	-0.02
62	4-Nitroaniline	40.000	43.006	-7.5	86	-0.02
63	Azobenzene	40.000	36.520	8.7	76	-0.02
64 I	Phenanthrene-d10	20.000	20.000	0.0	90	-0.02
65	4,6-Dinitro-2-methylphenol	40.000	49.614	-24.0	119	-0.02
66 c	n-Nitrosodiphenylamine	40.000	40.454	-1.1	84	-0.02
67	4-Bromophenyl-phenylether	40.000	46.693	-16.7	97	-0.02
68	Hexachlorobenzene	40.000	47.941	-19.9	100	-0.02
69	Atrazine	40.000	39.861	0.3	85	-0.02
70 C	Pentachlorophenol	40.000	56.305	-40.8#	119	-0.02
71	Phenanthrene	40.000	40.446	-1.1	86	-0.02
72	Anthracene	40.000	40.249	-0.6	85	-0.02
73	Carbazole	40.000	38.161	4.6	82	-0.02
74	Di-n-butylphthalate	40.000	38.434	3.9	79	-0.03
75 C	Fluoranthene	40.000	40.646	-1.6	87	-0.02
76 I	Chrysene-d12	20.000	20.000	0.0	99	-0.03
77	Benzydine	40.000	39.901	0.2	91	-0.02
78	Pyrene	40.000	37.863	5.3	87	-0.02
79 S	Terphenyl-d14	80.000	81.133	-1.4	93	-0.02
80	Butylbenzylphthalate	40.000	42.130	-5.3	92	-0.03
81	Benzo(a)anthracene	40.000	41.530	-3.8	97	-0.02
82	3,3'-Dichlorobenzidine	40.000	44.362	-10.9	102	-0.03
83	Chrysene	40.000	41.594	-4.0	97	-0.03
84	Bis(2-ethylhexyl)phthalate	40.000	41.665	-4.2	91	-0.03
85 c	Di-n-octyl phthalate	40.000	42.635	-6.6	97	-0.05
86 I	Perylene-d12	20.000	20.000	0.0	104	-0.05
87	Indeno(1,2,3-cd)pyrene	40.000	42.259	-5.6	103	-0.06
88	Benzo(b)fluoranthene	40.000	41.916	-4.8	101	-0.04
89	Benzo(k)fluoranthene	40.000	41.419	-3.5	103	-0.04
90 C	Benzo(a)pyrene	40.000	41.761	-4.4	102	-0.05
91	Dibenzo(a,h)anthracene	40.000	42.375	-5.9	104	-0.07
92	Benzo(g,h,i)perylene	40.000	42.086	-5.2	103	-0.07

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
Data File : BG064713.D
Acq On : 7 Nov 2025 11:06
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Nov 07 11:43:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 4



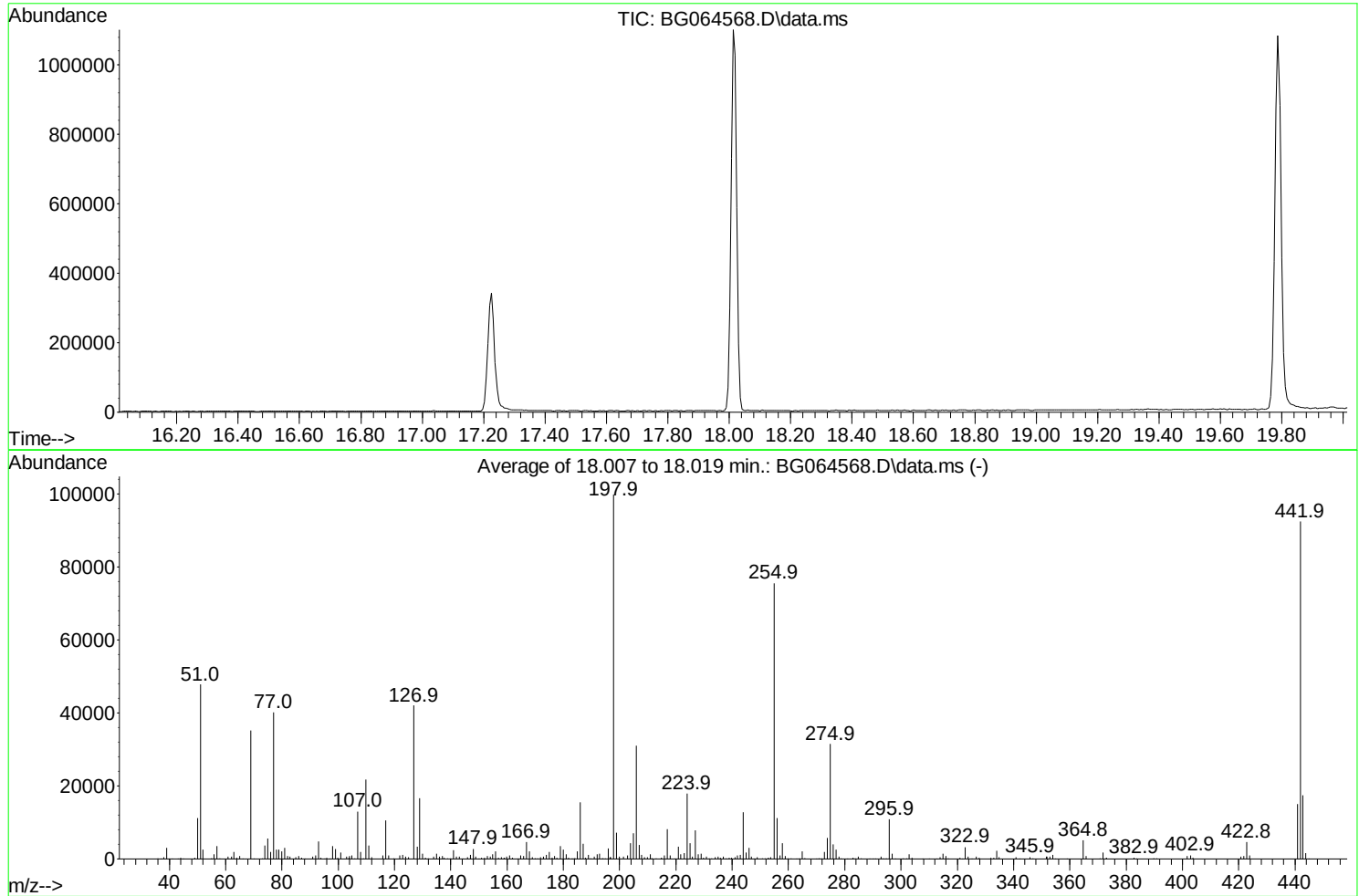
QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064568.D
Acq On : 24 Oct 2025 8:20
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Oct 24 16:40:26 2025



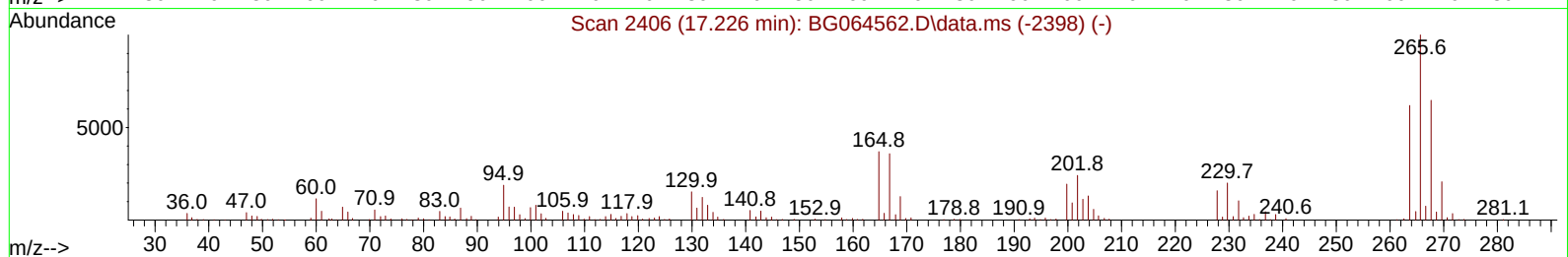
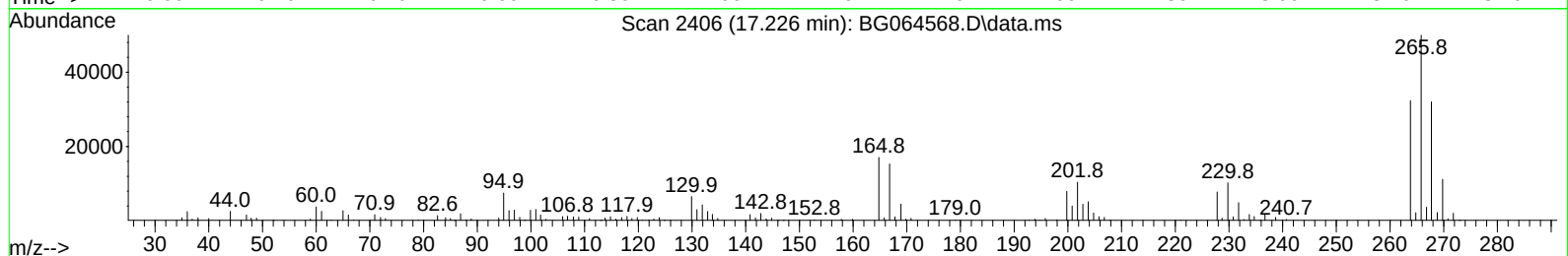
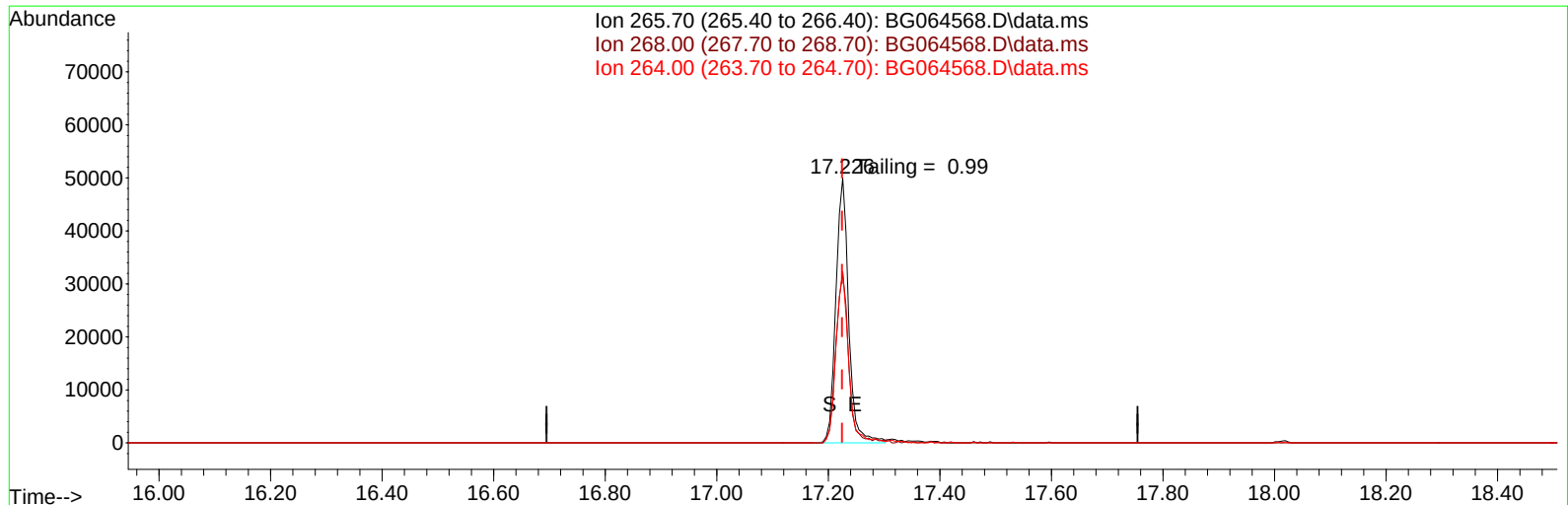
AutoFind: Scans 2539, 2540, 2541; Background Corrected with Scan 2533

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	0.0	0	PASS
69	69	100	100	100.0	35203	PASS
70	69	0.00	2	0.2	70	PASS
197	198	0.00	2	0.4	428	PASS
198	198	100	100	100.0	99864	PASS
199	198	5	9	7.2	7222	PASS
365	198	1	100	5.1	5094	PASS
441	443	0.01	150	86.3	15073	PASS
442	442	100	100	100.0	92525	PASS
443	442	15	24	18.9	17468	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064568.D
Acq On : 24 Oct 2025 8:20
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Oct 24 12:18:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 12:16:12 2025
Response via : Initial Calibration



TIC: BG064568.D\data.ms

(70) Pentachlorophenol (C)

17.226min (+ 0.001) 15878.32 ng

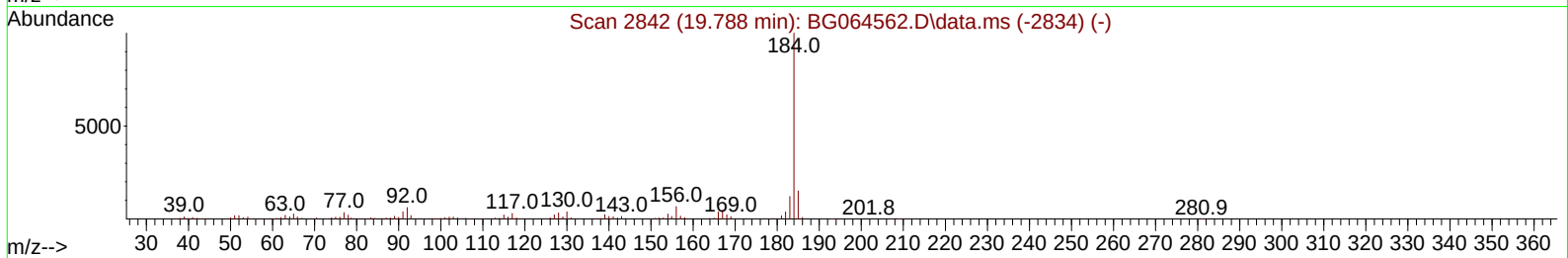
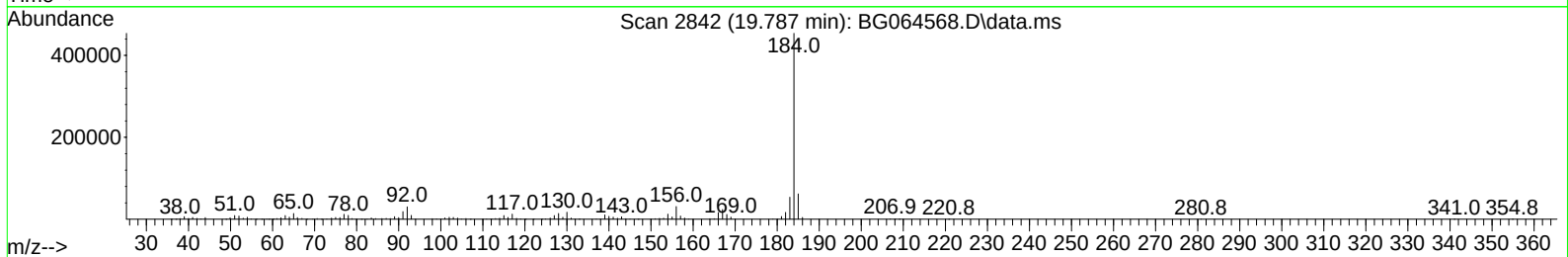
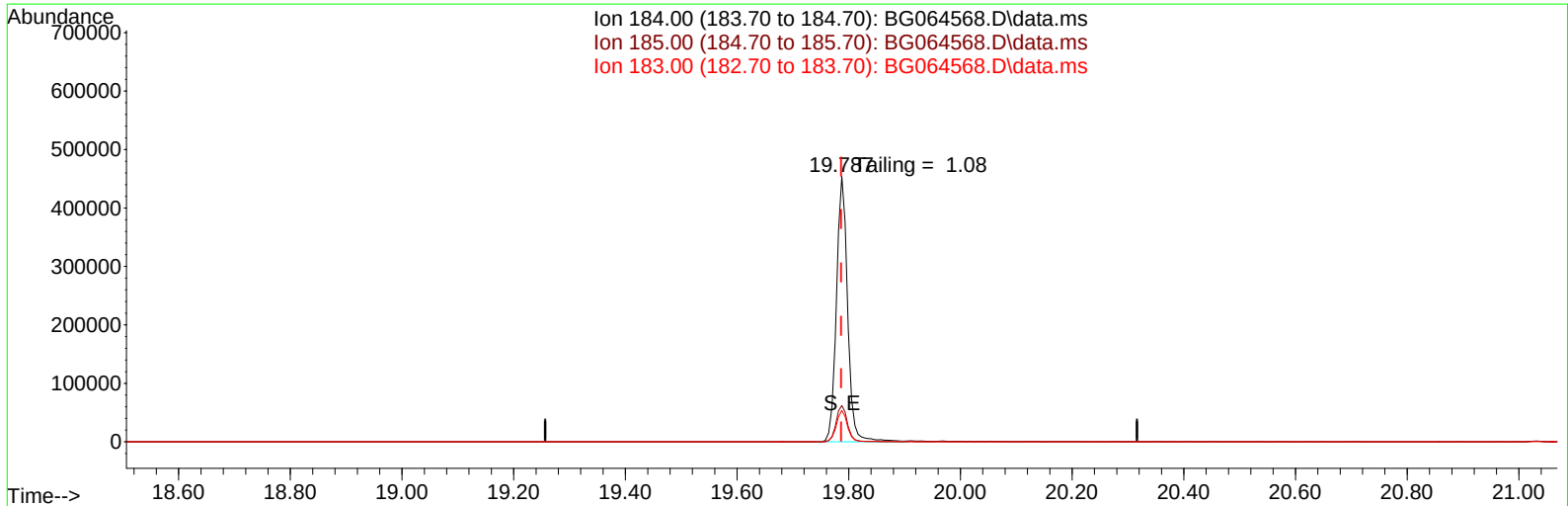
response 79720

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	69.10	64.11
264.00	61.90	64.80
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064568.D
Acq On : 24 Oct 2025 8:20
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Oct 24 12:18:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 12:16:12 2025
Response via : Initial Calibration



TIC: BG064568.D\data.ms

(77) Benzidine

19.787min (+ 0.001) 0.00 ng

response 632825

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.00	13.68
183.00	12.10	11.84
0.00	0.00	0.00

Instrument :
BNA_G
ClientSampleId :
DFTPP

DDT Breakdown

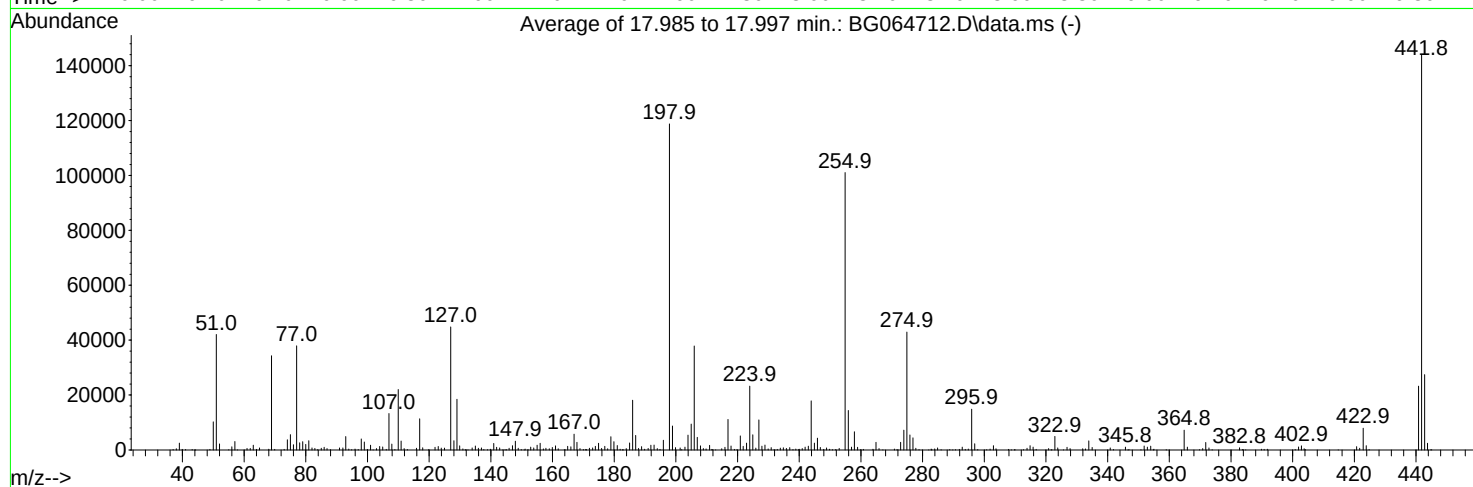
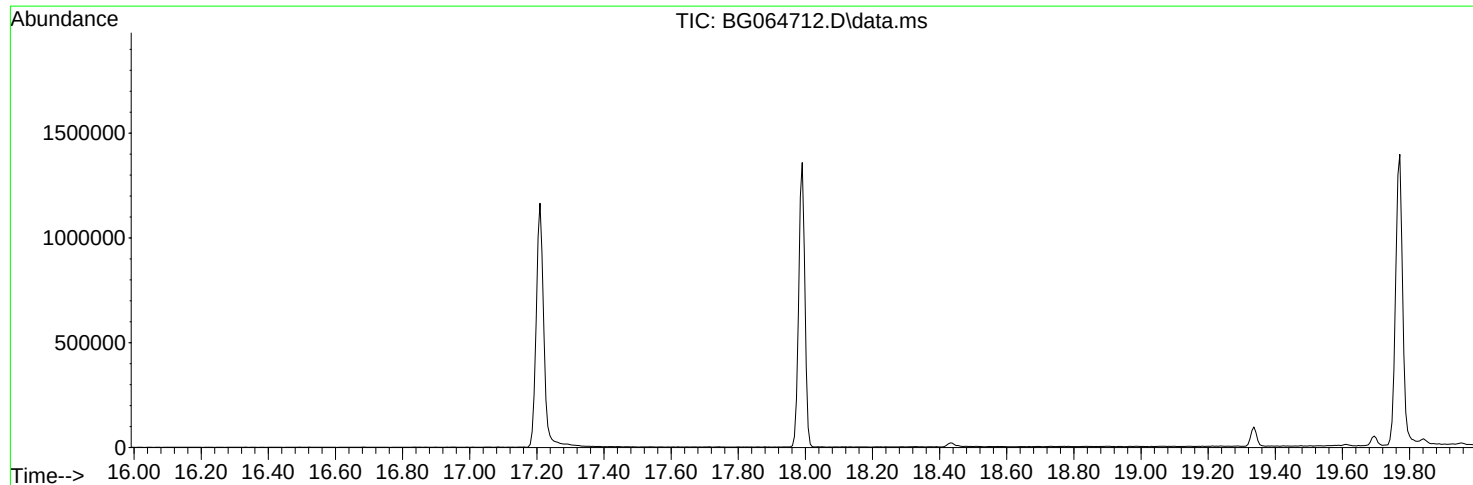
Date	Instrument Name	DFTPP Data File
10/24/2025	BNA_G	<u>BG064568.D</u>
Compound Name	Response	Retention Time
DDT	249894	21.033
DDD	4771	20.586
DDE	827	20.087
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
5598	255492	2.19

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
Data File : BG064712.D
Acq On : 7 Nov 2025 10:25
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Nov 03 18:16:26 2025



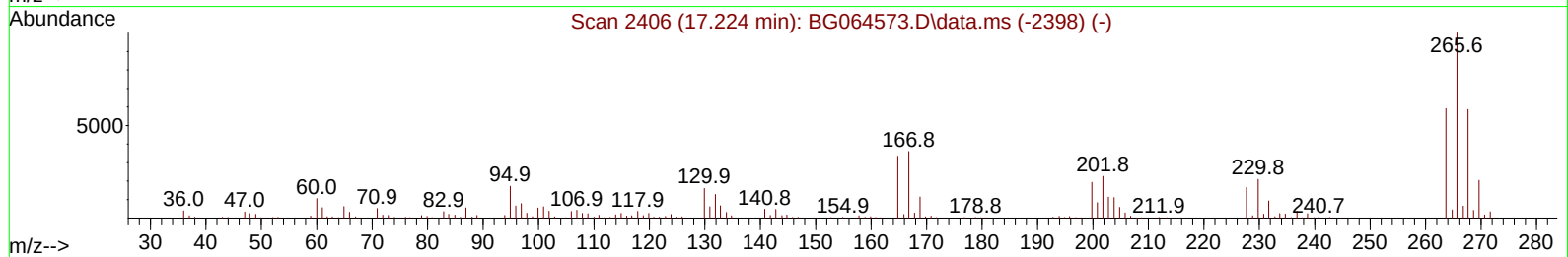
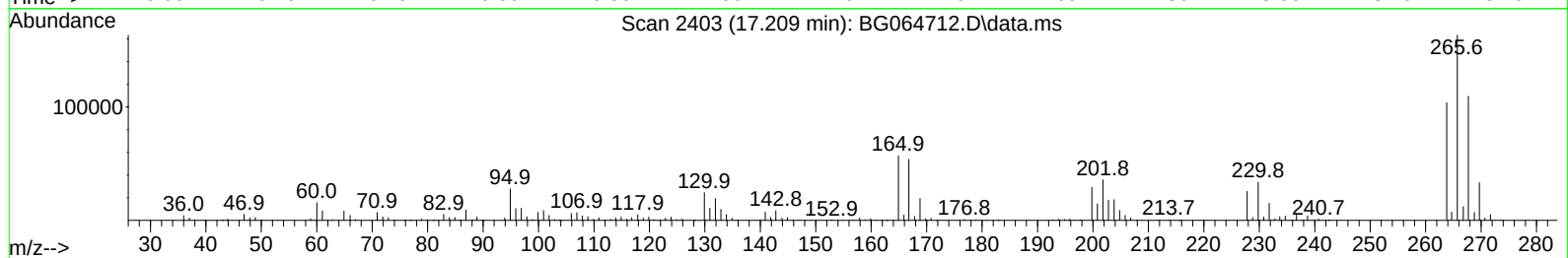
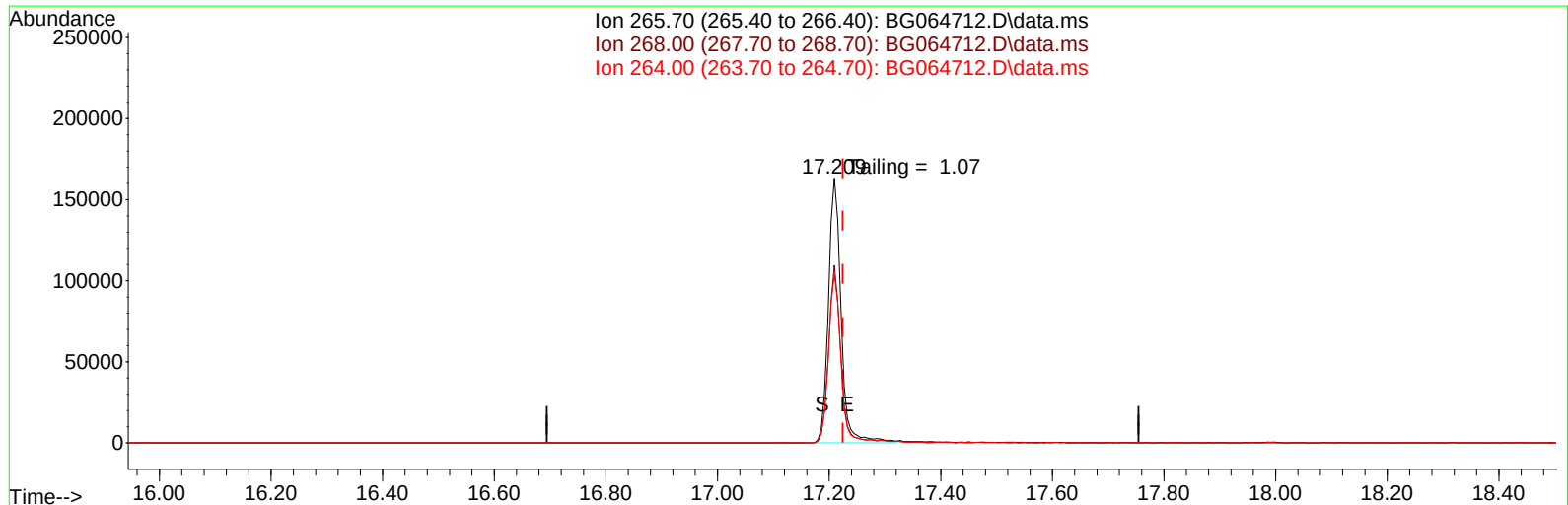
AutoFind: Scans 2535, 2536, 2537; Background Corrected with Scan 2528

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	0.8	264	PASS
69	69	100	100	100.0	34307	PASS
70	69	0.00	2	0.6	198	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	118811	PASS
199	198	5	9	7.3	8731	PASS
365	198	1	100	6.1	7189	PASS
441	443	0.01	150	84.6	23229	PASS
442	442	100	100	100.0	143856	PASS
443	442	15	24	19.1	27459	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
Data File : BG064712.D
Acq On : 7 Nov 2025 10:25
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Nov 07 11:06:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration



TIC: BG064712.D\data.ms

(70) Pentachlorophenol (C)

17.209min (-0.015) 37237.71 ng

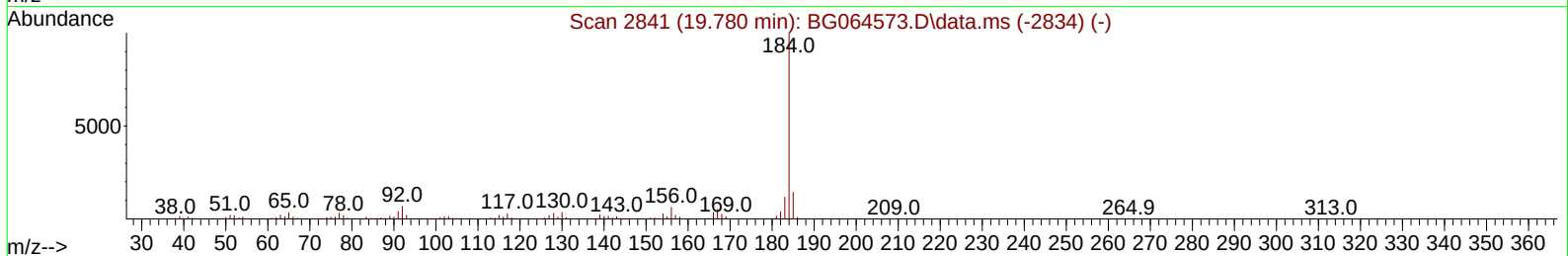
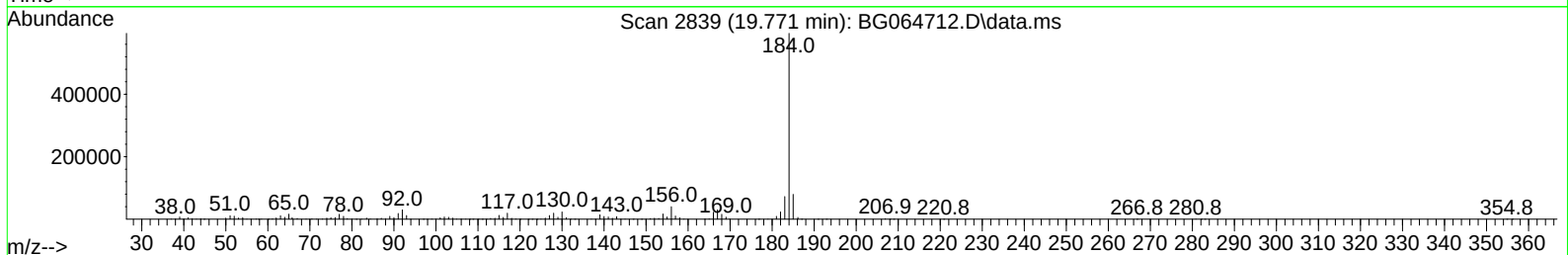
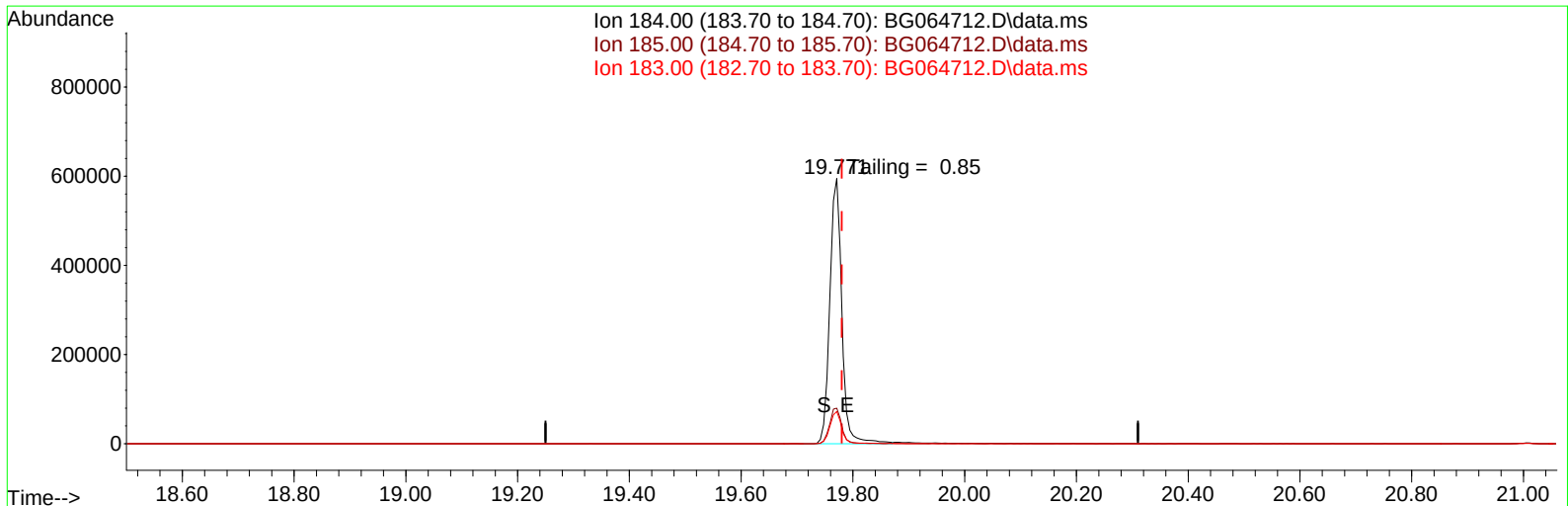
response 262760

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.90	67.03
264.00	59.10	68.17
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
Data File : BG064712.D
Acq On : 7 Nov 2025 10:25
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Nov 07 11:06:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration



TIC: BG064712.D\data.ms

(77) Benzidine

19.771min (-0.009) 0.00 ng

response 897795

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.30	13.41
183.00	11.80	12.17
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
11/7/2025	BNA_G	<u>BG064712.D</u>
Compound Name	Response	Retention Time
DDT	555848	21.005
DDD	20925	20.558
DDE	69	19.695
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
20994	576842	3.64

Instrument :
BNA_G
ClientSampleId :
DFTPP



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

Report of Analysis

Client:	Spectra East Inc.	Date Collected:	
Project:	Outfall 001 - Orangetown Dis Permit 2025	Date Received:	
Client Sample ID:	PB170446BL	SDG No.:	Q3551
Lab Sample ID:	PB170446BL	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
	Level: LOW	Test:	SVOCMS Group1
Sample Wt/Vol:	1000 mL		
	Final Vol: 1000 uL		
Prep Method :	3510C		
	Prep Date: 11/07/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1	1.60	5.00	ug/L	11/07/25 17:35	PB170446
SURROGATES									
4165-60-0	Nitrobenzene-d5	102			60 - 140	102%	SPK: 100		
321-60-8	2-Fluorobiphenyl	95.0			60 - 140	95%	SPK: 100		
1718-51-0	Terphenyl-d14	93.2			60 - 140	93%	SPK: 100		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	34800							
1146-65-2	Naphthalene-d8	133000							
15067-26-2	Acenaphthene-d10	109000							
1517-22-2	Phenanthrene-d10	301000							
1719-03-5	Chrysene-d12	360000							
1520-96-3	Perylene-d12	381000							

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\BG110725\
Data File : BG064720.D
Acq On : 7 Nov 2025 17:35
Operator : RC/JU
Sample : PB170446BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170446BL

Quant Time: Nov 08 00:58:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.200	152	34775	20.000	ng	-0.02
21) Naphthalene-d8	11.026	136	132915	20.000	ng	#-0.02
39) Acenaphthene-d10	14.822	164	108996	20.000	ng	-0.02
64) Phenanthrene-d10	17.560	188	300897	20.000	ng	#-0.02
76) Chrysene-d12	21.831	240	359918	20.000	ng	#-0.03
86) Perylene-d12	25.157	264	380888	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.732	112	186412	89.976	ng	-0.02
7) Phenol-d6	7.336	99	236046	83.029	ng	-0.02
23) Nitrobenzene-d5	9.363	82	224809	101.588	ng	-0.02
42) 2,4,6-Tribromophenol	16.302	330	150299	95.541	ng	-0.02
45) 2-Fluorobiphenyl	13.453	172	683203	95.009	ng	-0.02
79) Terphenyl-d14	20.151	244	1777176	93.183	ng	-0.02

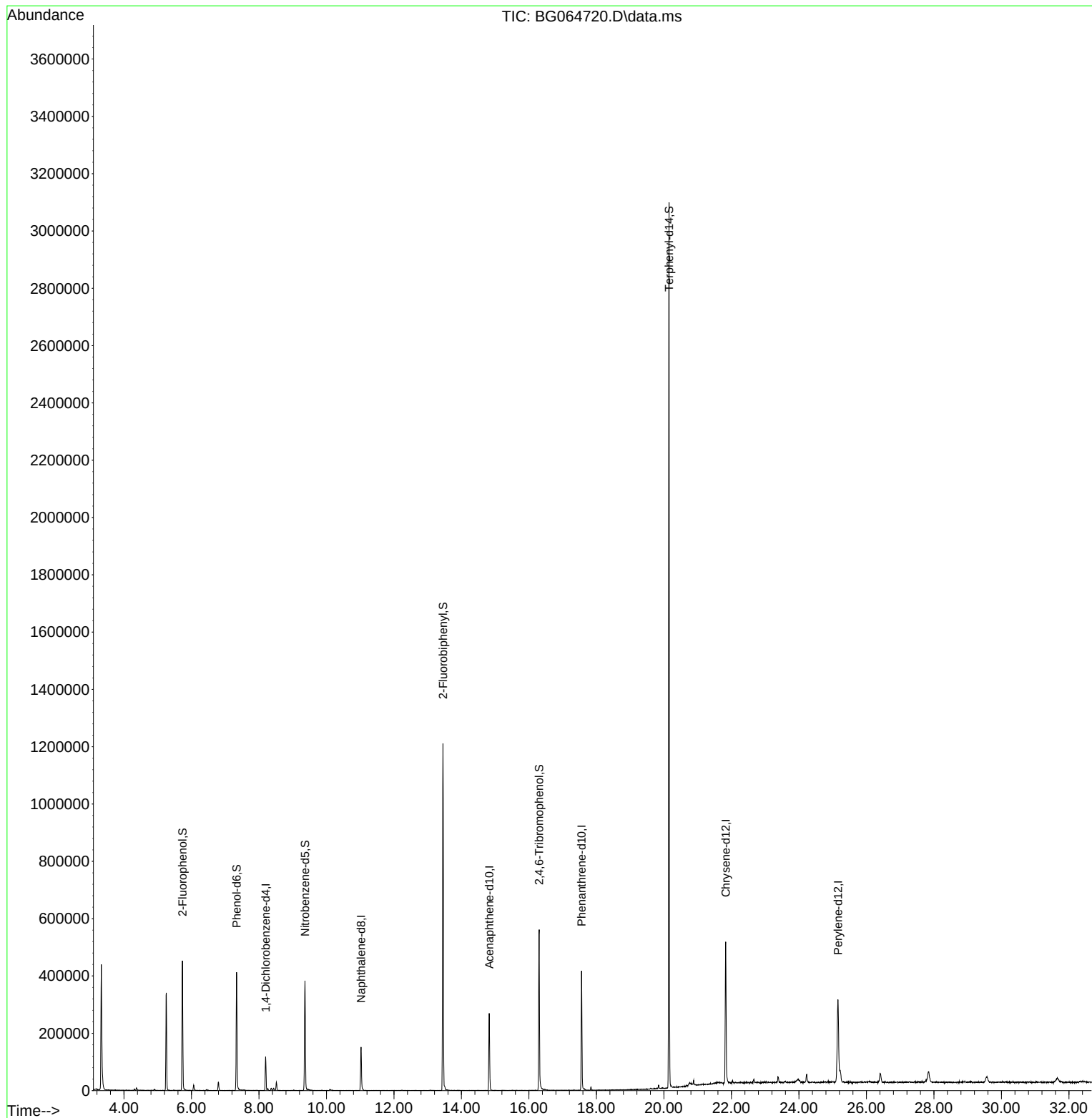
Target Compounds	Qvalue

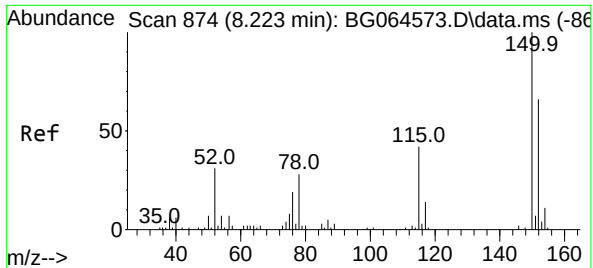
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
Data File : BG064720.D
Acq On : 7 Nov 2025 17:35
Operator : RC/JU
Sample : PB170446BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170446BL

Quant Time: Nov 08 00:58:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

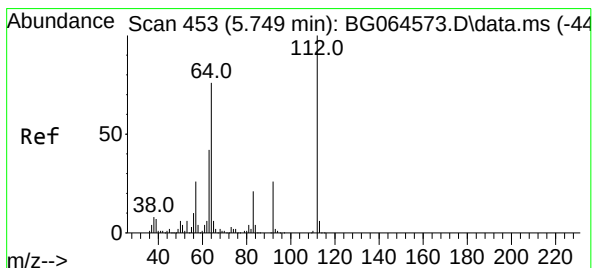
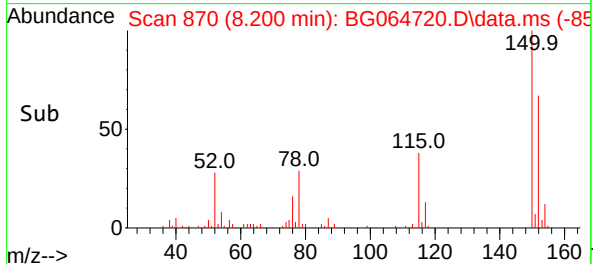
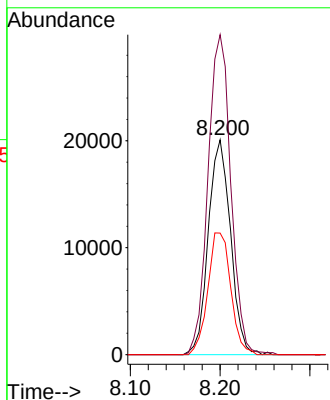
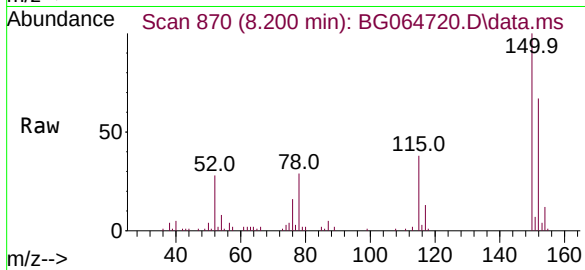




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.200 min Scan# 81
Delta R.T. -0.023 min
Lab File: BG064720.D
Acq: 7 Nov 2025 17:35

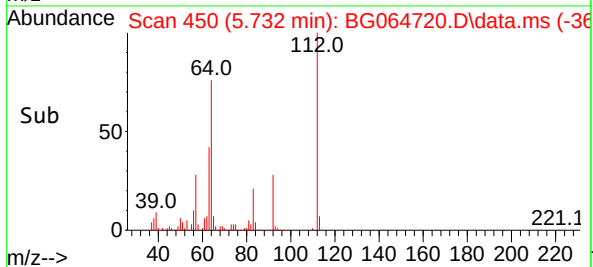
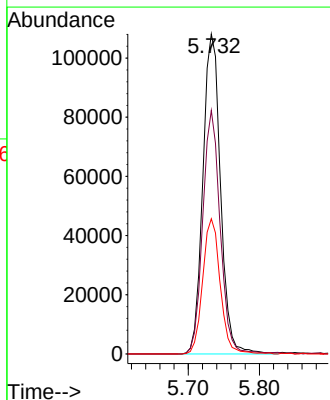
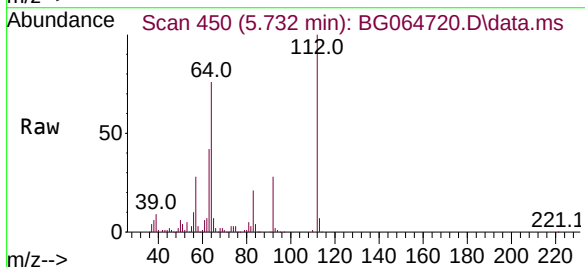
Instrument :
BNA_G
ClientSampleId :
PB170446BL

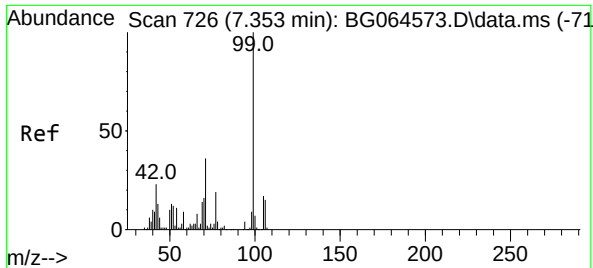
Tgt Ion:152 Resp: 34775
Ion Ratio Lower Upper
152 100
150 149.0 122.2 183.4
115 56.6 50.8 76.2



#5
2-Fluorophenol
Concen: 89.976 ng
RT: 5.732 min Scan# 450
Delta R.T. -0.017 min
Lab File: BG064720.D
Acq: 7 Nov 2025 17:35

Tgt Ion:112 Resp: 186412
Ion Ratio Lower Upper
112 100
64 76.1 60.7 91.1
63 42.2 33.4 50.0





#7

Phenol-d6

Concen: 83.029 ng

RT: 7.336 min Scan# 71

Delta R.T. -0.017 min

Lab File: BG064720.D

Acq: 7 Nov 2025 17:35

Instrument :

BNA_G

ClientSampleId :

PB170446BL

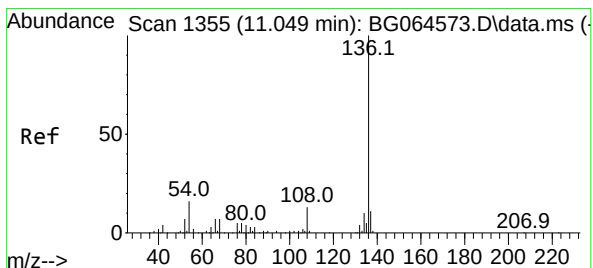
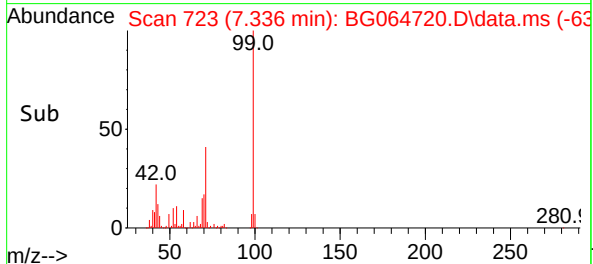
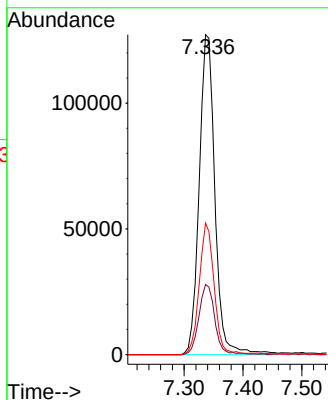
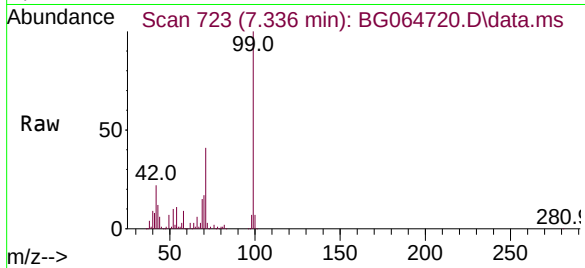
Tgt Ion: 99 Resp: 236046

Ion Ratio Lower Upper

99 100

42 21.9 18.3 27.5

71 41.1 28.6 43.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.026 min Scan# 1351

Delta R.T. -0.023 min

Lab File: BG064720.D

Acq: 7 Nov 2025 17:35

Tgt Ion: 136 Resp: 132915

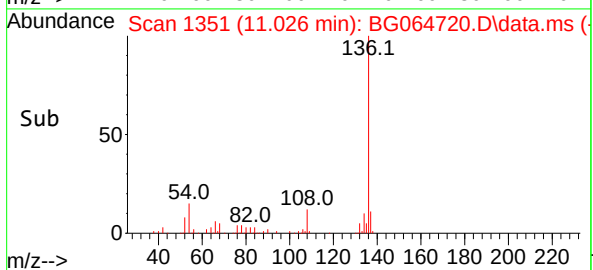
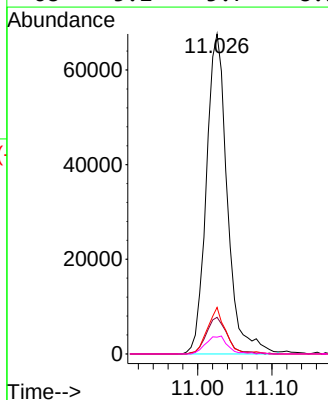
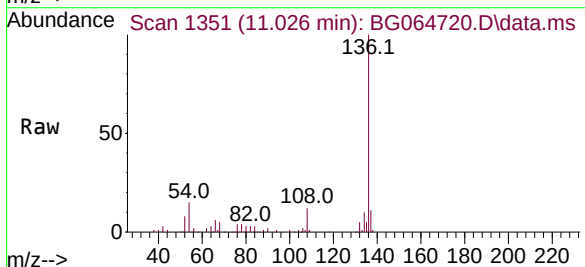
Ion Ratio Lower Upper

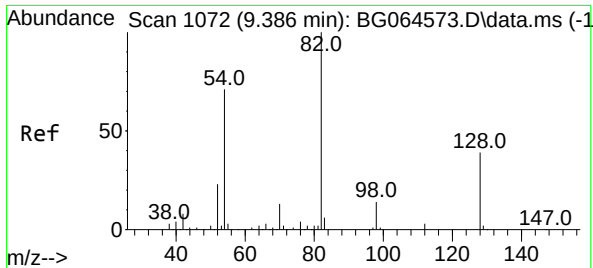
136 100

137 11.4 9.2 13.8

54 14.5 12.6 19.0

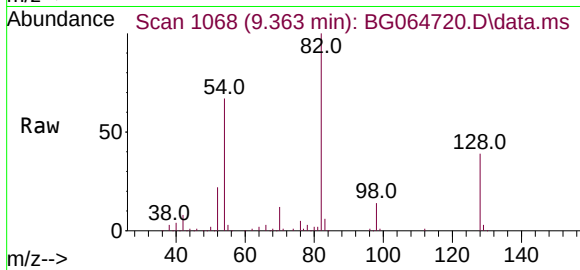
68 5.2 5.7 8.5#



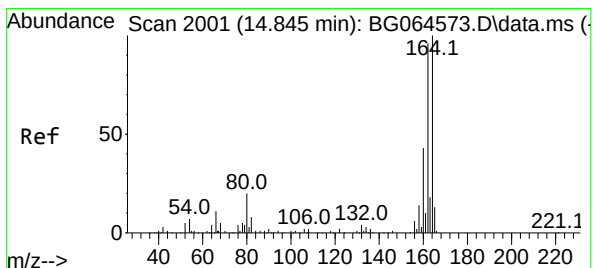
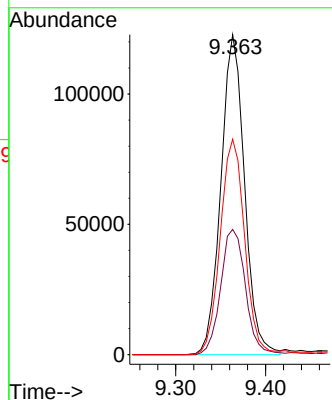
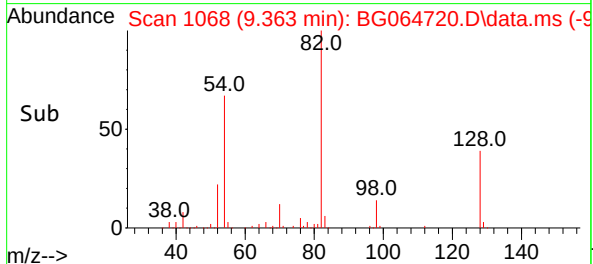


#23
Nitrobenzene-d5
Concen: 101.588 ng
RT: 9.363 min Scan# 1072
Delta R.T. -0.023 min
Lab File: BG064720.D
Acq: 7 Nov 2025 17:35

Instrument :
BNA_G
ClientSampleId :
PB170446BL

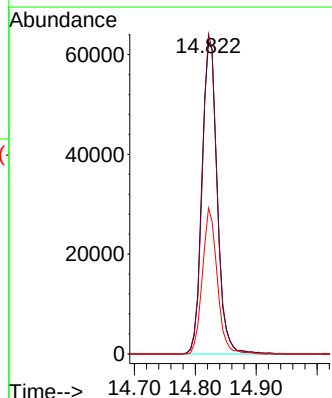
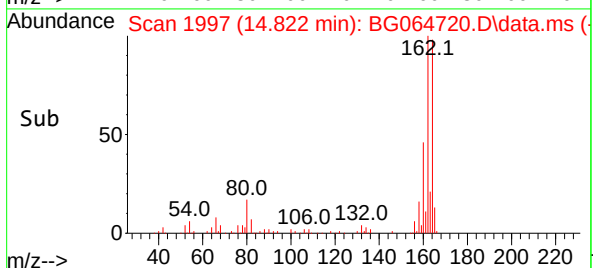
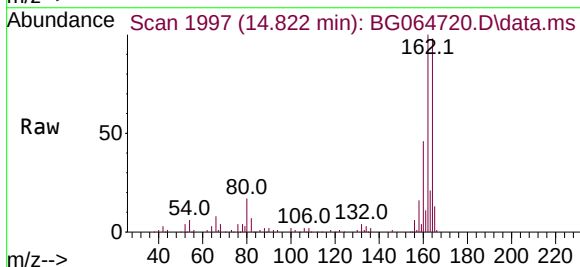


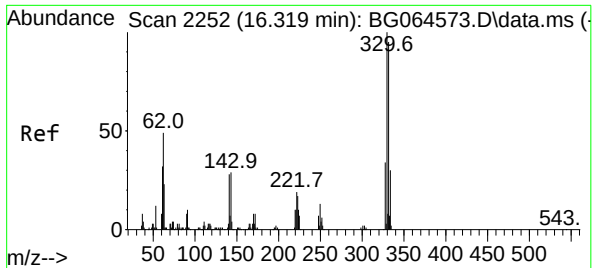
Tgt Ion: 82 Resp: 224809
Ion Ratio Lower Upper
82 100
128 39.1 31.3 46.9
54 67.3 56.6 84.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.822 min Scan# 1997
Delta R.T. -0.023 min
Lab File: BG064720.D
Acq: 7 Nov 2025 17:35

Tgt Ion: 164 Resp: 108996
Ion Ratio Lower Upper
164 100
162 102.3 77.0 115.6
160 46.6 34.4 51.6

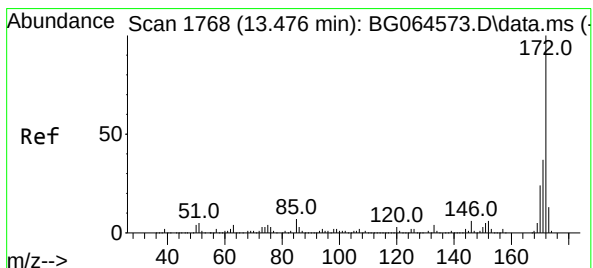
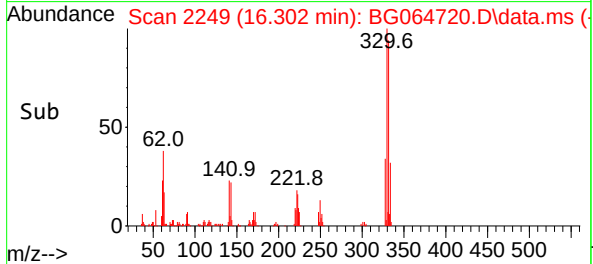
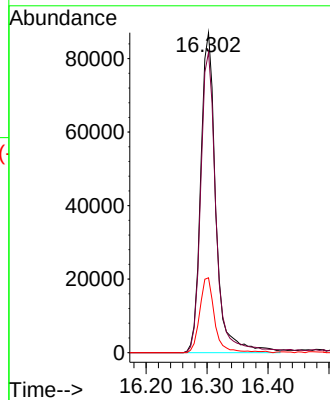
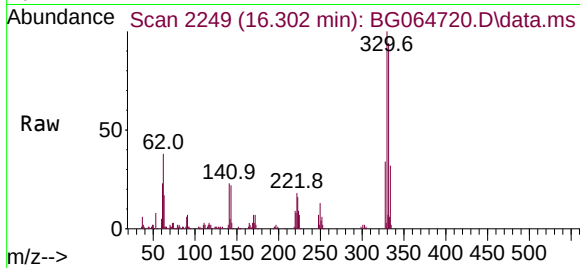




#42
2,4,6-Tribromophenol
Concen: 95.541 ng
RT: 16.302 min Scan# 21
Delta R.T. -0.017 min
Lab File: BG064720.D
Acq: 7 Nov 2025 17:35

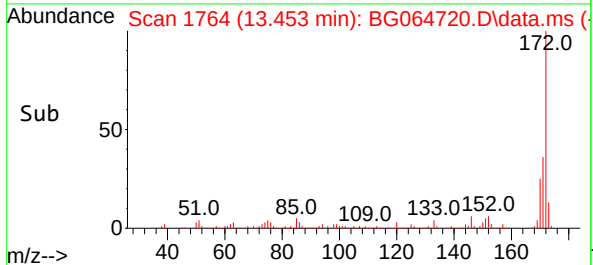
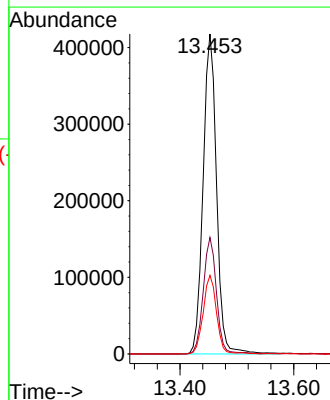
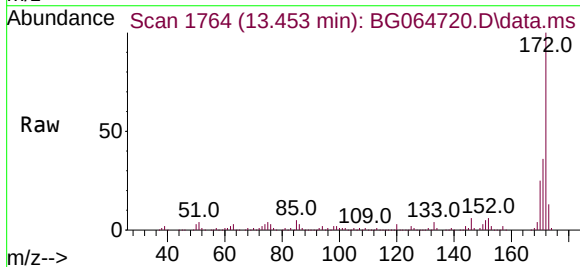
Instrument :
BNA_G
ClientSampleId :
PB170446BL

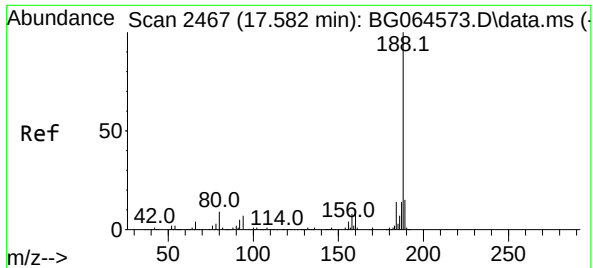
Tgt Ion	330	332	141
Resp:	150299	95.0	23.1
Lower		78.0	21.8
Upper		117.0	32.6



#45
2-Fluorobiphenyl
Concen: 95.009 ng
RT: 13.453 min Scan# 1764
Delta R.T. -0.023 min
Lab File: BG064720.D
Acq: 7 Nov 2025 17:35

Tgt Ion	172	171	170
Resp:	683203	36.4	24.5
Lower		29.4	19.1
Upper		44.0	28.7

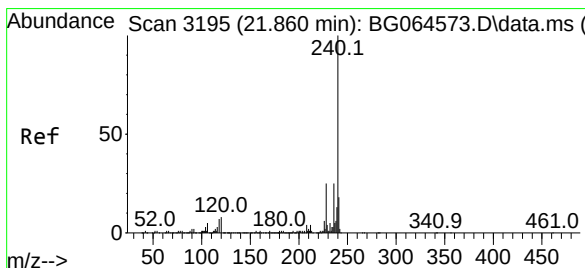
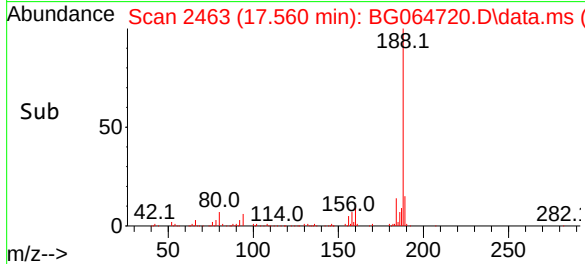
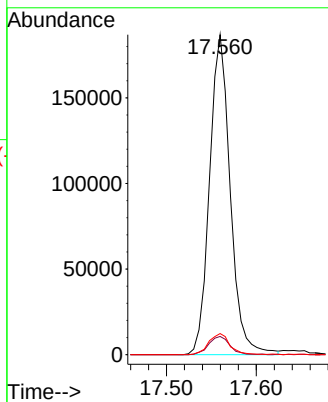
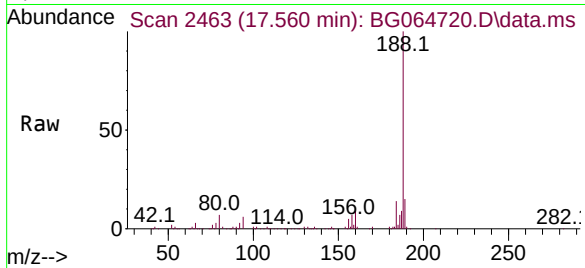




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.560 min Scan# 2463
Delta R.T. -0.023 min
Lab File: BG064720.D
Acq: 7 Nov 2025 17:35

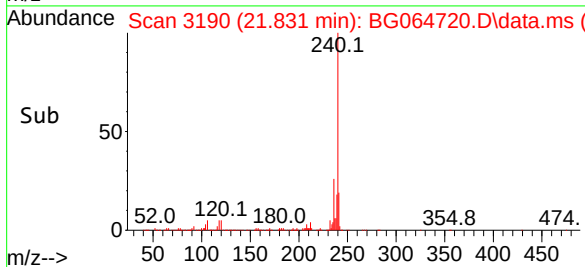
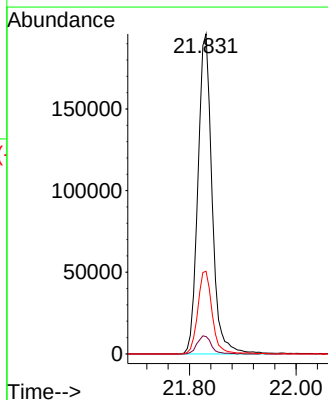
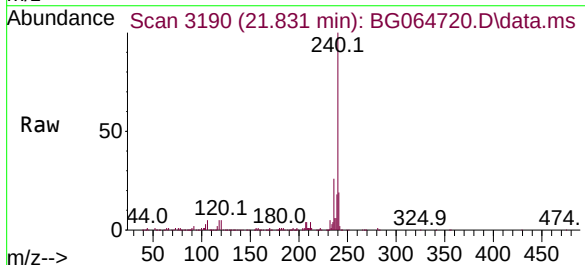
Instrument :
BNA_G
ClientSampleId :
PB170446BL

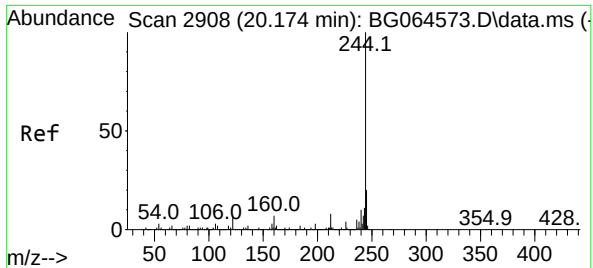
Tgt Ion:188 Resp: 300897
Ion Ratio Lower Upper
188 100
94 5.7 5.7 8.5#
80 6.6 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.831 min Scan# 3190
Delta R.T. -0.029 min
Lab File: BG064720.D
Acq: 7 Nov 2025 17:35

Tgt Ion:240 Resp: 359918
Ion Ratio Lower Upper
240 100
120 5.4 6.5 9.7#
236 25.8 20.2 30.2

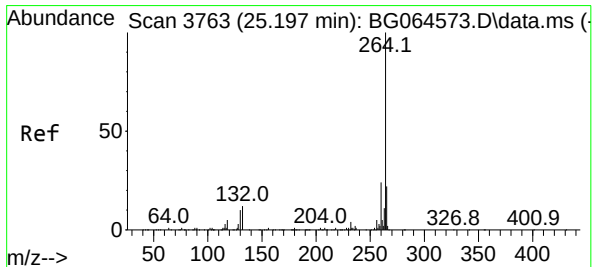
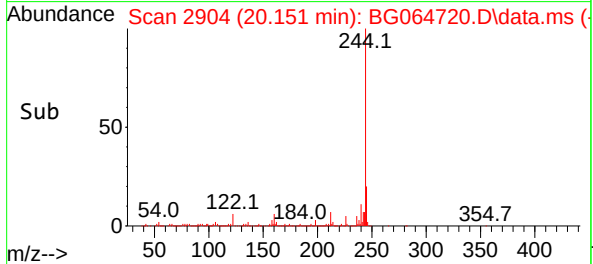
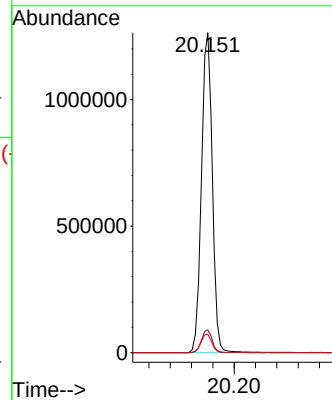
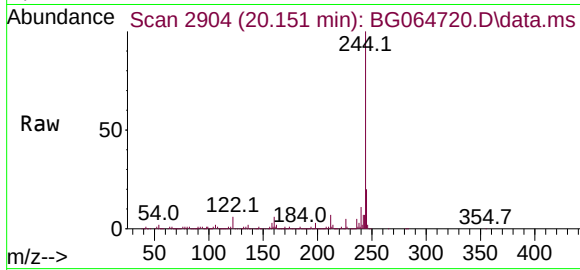




#79
Terphenyl-d14
Concen: 93.183 ng
RT: 20.151 min Scan# 2904
Delta R.T. -0.023 min
Lab File: BG064720.D
Acq: 7 Nov 2025 17:35

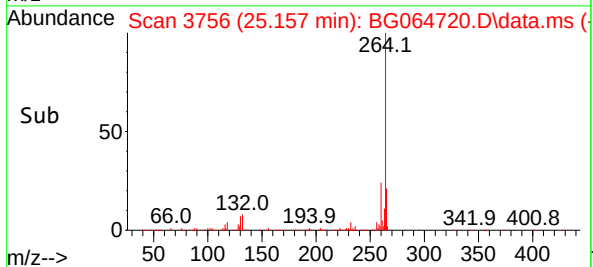
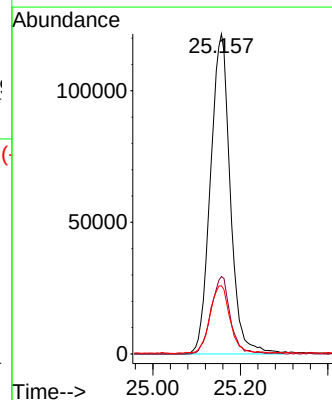
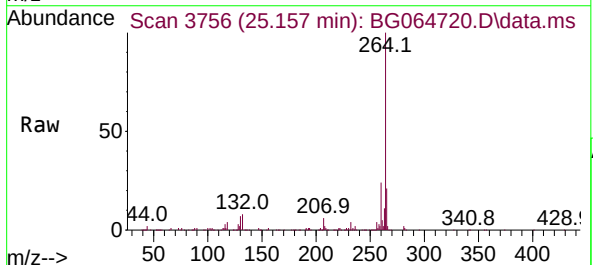
Instrument :
BNA_G
ClientSampleId :
PB170446BL

Tgt Ion:244 Resp: 1777176
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 5.7 5.6 8.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.157 min Scan# 3756
Delta R.T. -0.041 min
Lab File: BG064720.D
Acq: 7 Nov 2025 17:35

Tgt Ion:264 Resp: 380888
Ion Ratio Lower Upper
264 100
260 24.2 19.0 28.4
265 21.3 17.6 26.4





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

Report of Analysis

Client:	Spectra East Inc.	Date Collected:	
Project:	Outfall 001 - Orangetown Dis Permit 2025	Date Received:	
Client Sample ID:	PB170446BS	SDG No.:	Q3551
Lab Sample ID:	PB170446BS	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
	Level: LOW	Test:	SVOCMS Group1
Sample Wt/Vol:	1000 mL		
	Final Vol: 1000 uL		
Prep Method :	3510C		
	Prep Date: 11/07/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
117-81-7	Bis(2-ethylhexyl)phthalate	47.5		1	1.60	5.00	ug/L	11/07/25 16:13	PB170446
SURROGATES									
4165-60-0	Nitrobenzene-d5	107			60 - 140	107%	SPK: 100		
321-60-8	2-Fluorobiphenyl	94.8			60 - 140	95%	SPK: 100		
1718-51-0	Terphenyl-d14	94.4			60 - 140	94%	SPK: 100		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	36000							
1146-65-2	Naphthalene-d8	146000							
15067-26-2	Acenaphthene-d10	117000							
1517-22-2	Phenanthrene-d10	320000							
1719-03-5	Chrysene-d12	354000							
1520-96-3	Perylene-d12	356000							

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\BG110725\
 Data File : BG064718.D
 Acq On : 7 Nov 2025 16:13
 Operator : RC/JU
 Sample : PB170446BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB170446BS

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025

Quant Time: Nov 07 17:40:32 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Nov 03 18:16:26 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.202	152	35988	20.000	ng	-0.02
21) Naphthalene-d8	11.029	136	145823	20.000	ng	#-0.02
39) Acenaphthene-d10	14.830	164	117246	20.000	ng	-0.01
64) Phenanthrene-d10	17.562	188	320223	20.000	ng	#-0.02
76) Chrysene-d12	21.834	240	354211	20.000	ng	#-0.03
86) Perylene-d12	25.159	264	356180	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.735	112	197902	92.302	ng	-0.01
7) Phenol-d6	7.345	99	276118	93.851	ng	0.00
23) Nitrobenzene-d5	9.372	82	259463	106.869	ng	-0.01
42) 2,4,6-Tribromophenol	16.305	330	212794	125.749	ng	-0.01
45) 2-Fluorobiphenyl	13.455	172	733449	94.820	ng	-0.02
79) Terphenyl-d14	20.153	244	1771527	94.383	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.561	88	26445	27.859	ng	100
3) Pyridine	3.972	79	71568	25.107	ng	99
4) n-Nitrosodimethylamine	3.878	42	55853	36.537	ng	99
6) Aniline	7.515	93	82230	20.540	ng	98
8) 2-Chlorophenol	7.762	128	110221	49.114	ng	97
9) Benzaldehyde	7.374	77	2033	1.266	ng	# 4
10) Phenol	7.374	94	145919	44.847	ng	96
11) bis(2-Chloroethyl)ether	7.609	93	94835	39.643	ng	94
12) 1,3-Dichlorobenzene	8.091	146	115838	44.847	ng	98
13) 1,4-Dichlorobenzene	8.238	146	120106	45.731	ng	92
14) 1,2-Dichlorobenzene	8.561	146	115799	45.712	ng	97
15) Benzyl Alcohol	8.437	79	109955	45.321	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.731	45	231017	36.816	ng	98
17) 2-Methylphenol	8.637	107	103110	47.730	ng	96
18) Hexachloroethane	9.301	117	42651	46.276	ng	89
19) n-Nitroso-di-n-propyla...	9.007	70	86264	42.426	ng	96
20) 3+4-Methylphenols	8.966	107	137137	45.140	ng	97
22) Acetophenone	9.025	105	174645	43.812	ng	# 96
24) Nitrobenzene	9.413	77	133366	50.505	ng	95
25) Isophorone	9.942	82	247010	42.400	ng	99
26) 2-Nitrophenol	10.124	139	62689	60.646	ng	# 91
27) 2,4-Dimethylphenol	10.182	122	113852	52.539	ng	96
28) bis(2-Chloroethoxy)met...	10.418	93	138337	41.706	ng	99
29) 2,4-Dichlorophenol	10.670	162	126341	54.174	ng	95
30) 1,2,4-Trichlorobenzene	10.888	180	141919	53.559	ng	99
31) Naphthalene	11.081	128	365996	45.269	ng	99
32) Benzoic acid	10.312	122	79365m	48.002	ng	
33) 4-Chloroaniline	11.175	127	84449	26.874	ng	99
34) Hexachlorobutadiene	11.369	225	111786	53.944	ng	96
35) Caprolactam	11.951	113	36652m	40.976	ng	
36) 4-Chloro-3-methylphenol	12.286	107	138162	49.286	ng	96
37) 2-Methylnaphthalene	12.674	142	266930	44.969	ng	98
38) 1-Methylnaphthalene	12.891	142	254086m	43.239	ng	
40) 1,2,4,5-Tetrachloroben...	13.038	216	203107	51.617	ng	99
41) Hexachlorocyclopentadiene	13.020	237	227216	128.291	ng	98
43) 2,4,6-Trichlorophenol	13.267	196	126996	56.423	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
 Data File : BG064718.D
 Acq On : 7 Nov 2025 16:13
 Operator : RC/JU
 Sample : PB170446BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB170446BS

Manual Integrations**APPROVED**

Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025

Quant Time: Nov 07 17:40:32 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Nov 03 18:16:26 2025

Response via : Initial Calibration

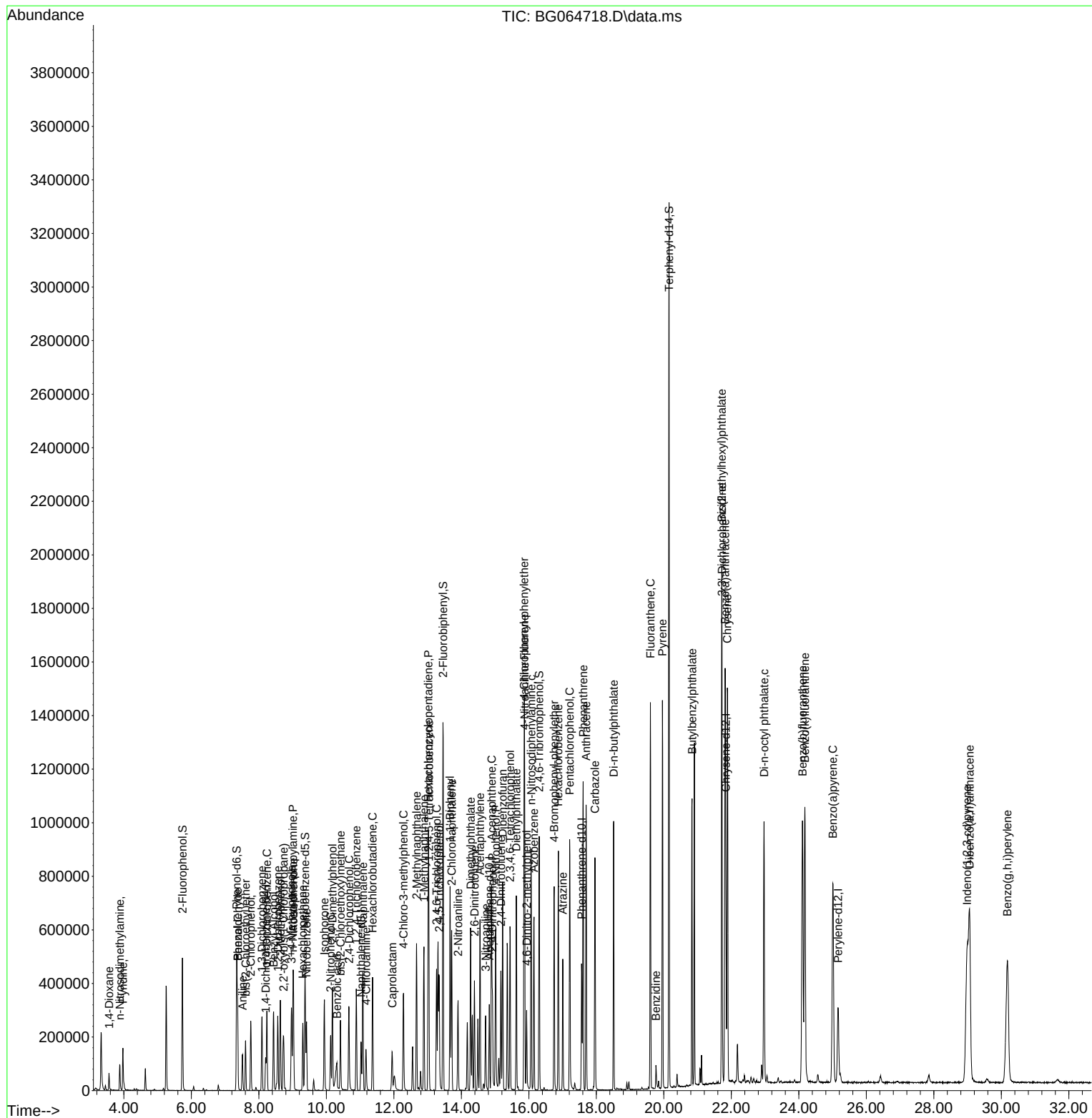
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.343	196	143966	55.427	ng	95
46) 1,1'-Biphenyl	13.667	154	385282	46.222	ng	96
47) 2-Chloronaphthalene	13.714	162	299284	47.567	ng	98
48) 2-Nitroaniline	13.902	65	108644	51.205	ng	98
49) Acenaphthylene	14.554	152	486504	49.022	ng	99
50) Dimethylphthalate	14.278	163	421832	47.018	ng	99
51) 2,6-Dinitrotoluene	14.389	165	88904	59.255	ng	94
52) Acenaphthene	14.895	154	355759	52.469	ng	100
53) 3-Nitroaniline	14.718	138	68743	44.585	ng	99
54) 2,4-Dinitrophenol	14.924	184	100548	108.553	ng	# 33
55) Dibenzofuran	15.224	168	520699	47.501	ng	100
56) 4-Nitrophenol	15.018	139	143402	100.317	ng	92
57) 2,4-Dinitrotoluene	15.171	165	130544	56.461	ng	96
58) Fluorene	15.870	166	405398	47.355	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.441	232	153197	61.680	ng	97
60) Diethylphthalate	15.629	149	419578	45.803	ng	100
61) 4-Chlorophenyl-phenyle...	15.858	204	246924	51.397	ng	98
62) 4-Nitroaniline	15.876	138	88663	51.689	ng	95
63) Azobenzene	16.152	77	353338	42.039	ng	96
65) 4,6-Dinitro-2-methylph...	15.935	198	79941	55.745	ng	97
66) n-Nitrosodiphenylamine	16.070	169	378263	43.730	ng	98
67) 4-Bromophenyl-phenylether	16.751	248	186989	49.276	ng	95
68) Hexachlorobenzene	16.875	284	218758	50.531	ng	94
69) Atrazine	17.004	200	108790	29.225	ng	99
70) Pentachlorophenol	17.210	266	217428	80.540	ng	94
71) Phenanthrene	17.609	178	757287	43.245	ng	99
72) Anthracene	17.697	178	742963	41.708	ng	99
73) Carbazole	17.956	167	644075	41.002	ng	99
74) Di-n-butylphthalate	18.514	149	732775	40.341	ng	99
75) Fluoranthene	19.601	202	958451	43.690	ng	97
77) Benzidine	19.765	184	70842	8.927	ng	95
78) Pyrene	19.959	202	990260	42.790	ng	99
80) Butylbenzylphthalate	20.835	149	334761	47.861	ng	91
81) Benzo(a)anthracene	21.816	228	1120923	47.727	ng	100
82) 3,3'-Dichlorobenzidine	21.722	252	353006	45.010	ng	98
83) Chrysene	21.881	228	1054272	47.176	ng	99
84) Bis(2-ethylhexyl)phtha...	21.716	149	495941	47.452	ng	# 96
85) Di-n-octyl phthalate	22.968	149	865838	49.137	ng	95
87) Indeno(1,2,3-cd)pyrene	28.978	276	1379002	52.630	ng	# 96
88) Benzo(b)fluoranthene	24.107	252	1200201	54.952	ng	# 98
89) Benzo(k)fluoranthene	24.178	252	1158776m	53.019	ng	
90) Benzo(a)pyrene	25.006	252	1003625	49.990	ng	# 97
91) Dibenzo(a,h)anthracene	29.060	278	1173489	55.127	ng	# 96
92) Benzo(g,h,i)perylene	30.177	276	1126075	55.376	ng	# 96

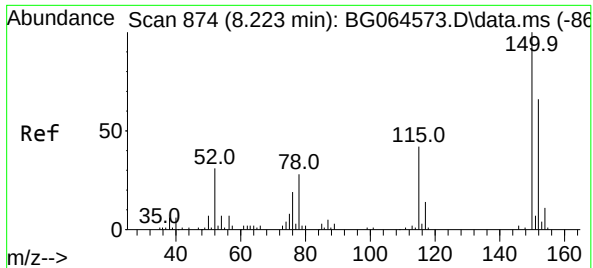
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_G
ClientSampleId :
PB170446BS

Manual Integrations APPROVED

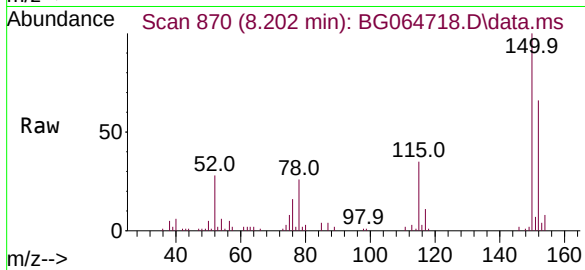
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.202 min Scan# 81
Delta R.T. -0.021 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

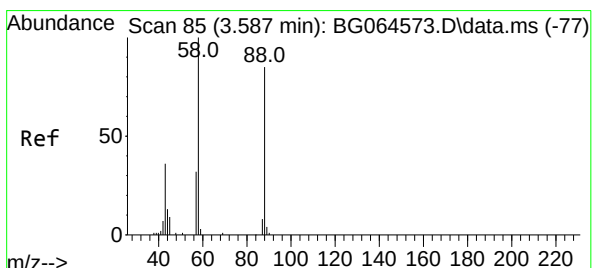
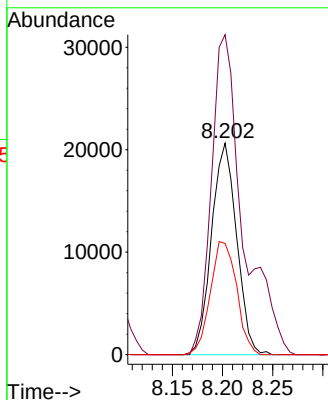
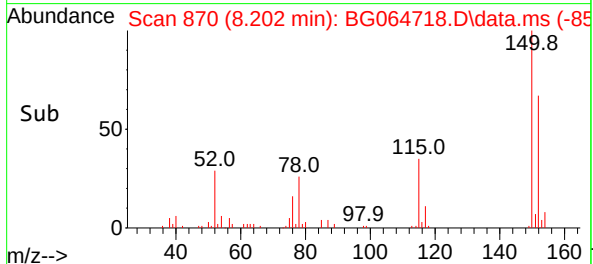
Instrument :
BNA_G
ClientSampleId :
PB170446BS



Tgt Ion:152 Resp: 35988
Ion Ratio Lower Upper
152 100
150 151.4 122.2 183.4
115 52.6 50.8 76.2

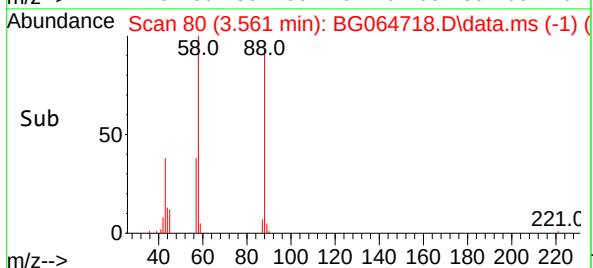
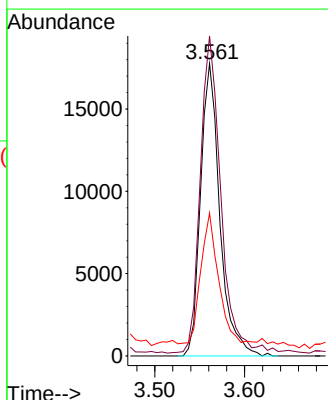
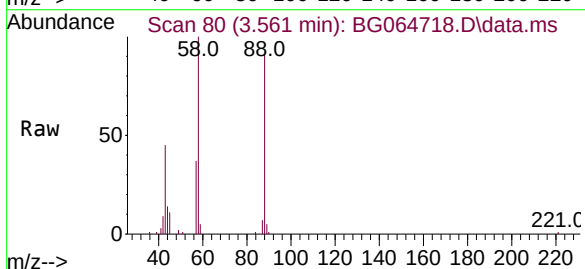
Manual Integrations
APPROVED

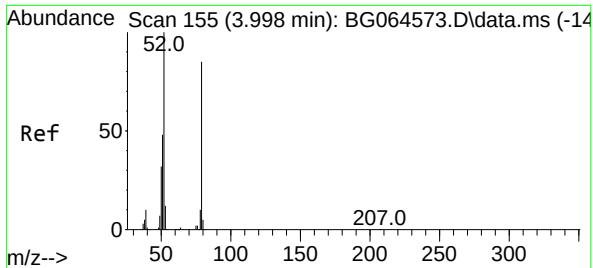
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#2
1,4-Dioxane
Concen: 27.859 ng
RT: 3.561 min Scan# 80
Delta R.T. -0.026 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Tgt Ion: 88 Resp: 26445
Ion Ratio Lower Upper
88 100
58 115.2 92.4 138.6
43 41.0 33.0 49.6





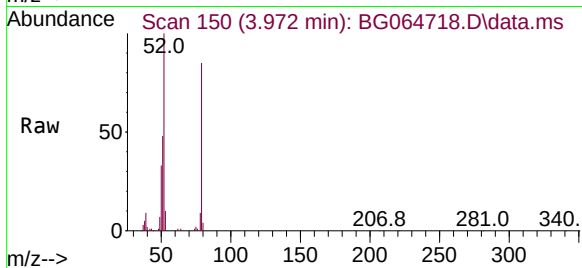
#3
Pyridine
Concen: 25.107 ng
RT: 3.972 min Scan# 11
Delta R.T. -0.026 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Instrument :

BNA_G

ClientSampleId :

PB170446BS



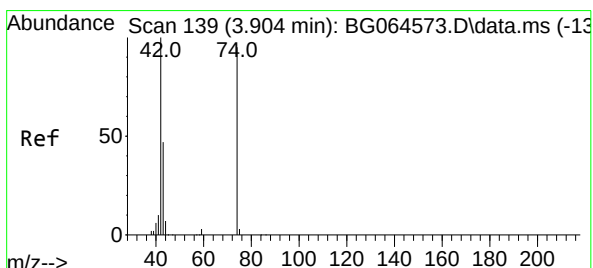
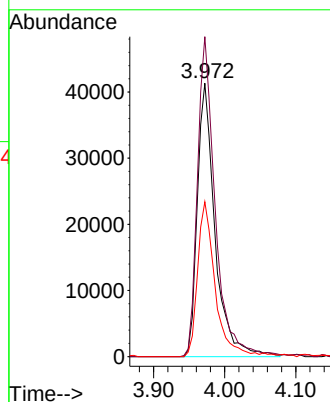
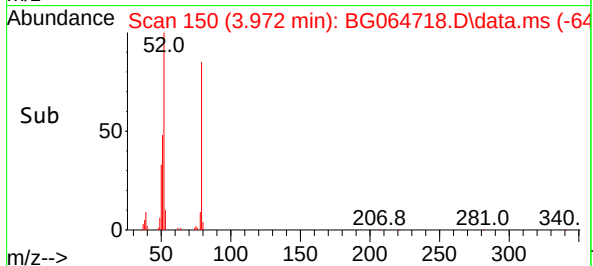
Tgt Ion: 79 Resp: 71568
Ion Ratio Lower Upper
79 100
52 117.1 94.2 141.2
51 56.6 46.1 69.1

Manual Integrations

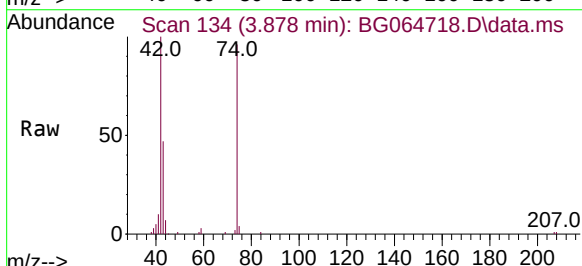
APPROVED

Reviewed By :Rahul Chavli 11/10/2025

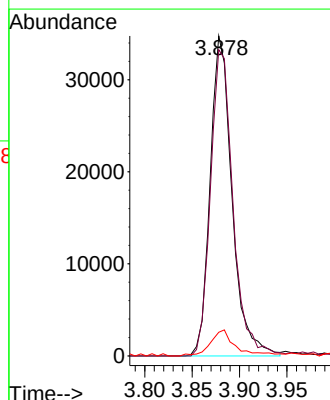
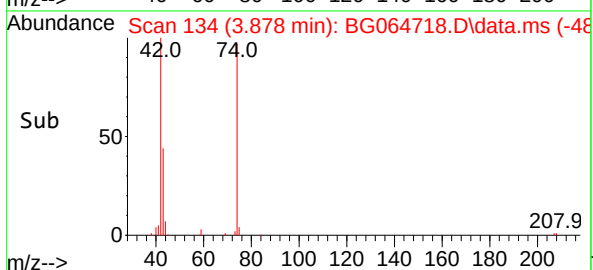
Supervised By :Jagrut Upadhyay 11/10/2025

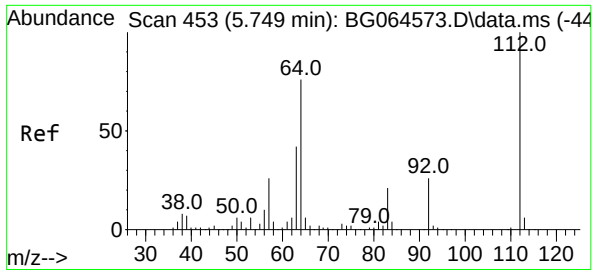


#4
n-Nitrosodimethylamine
Concen: 36.537 ng
RT: 3.878 min Scan# 134
Delta R.T. -0.026 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13



Tgt Ion: 42 Resp: 55853
Ion Ratio Lower Upper
42 100
74 95.7 76.1 114.1
44 7.4 6.3 9.5





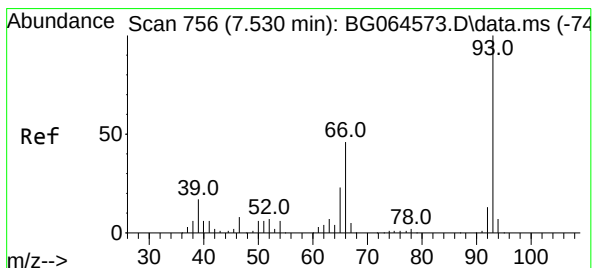
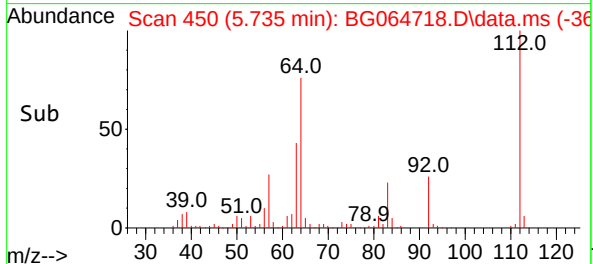
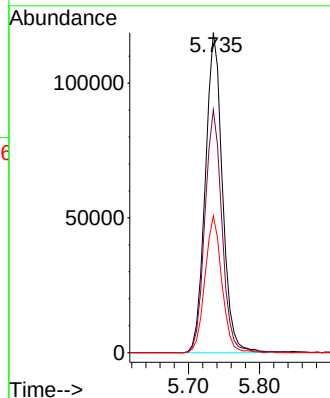
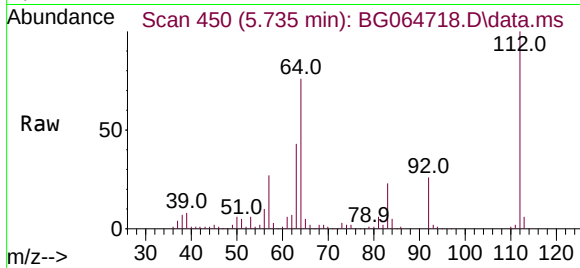
#5
2-Fluorophenol
Concen: 92.302 ng
RT: 5.735 min Scan# 41
Delta R.T. -0.014 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Instrument :
BNA_G
ClientSampleId :
PB170446BS

Tgt Ion:112 Resp: 197902
Ion Ratio Lower Upper
112 100
64 75.9 60.7 91.1
63 42.7 33.4 50.0

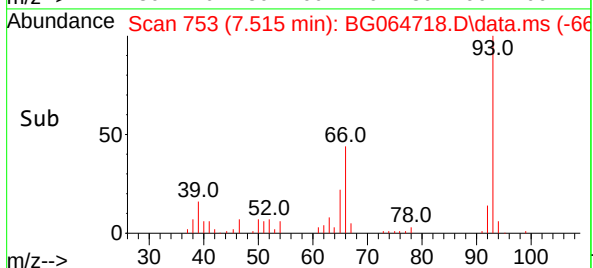
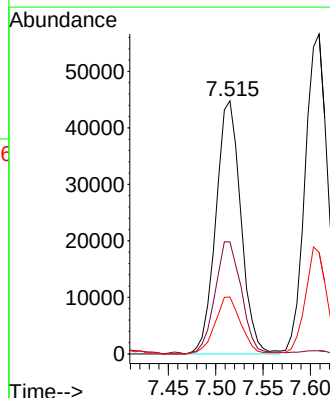
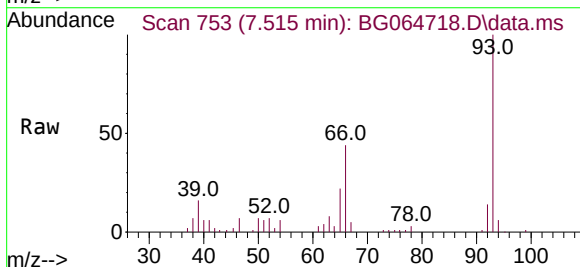
Manual Integrations
APPROVED

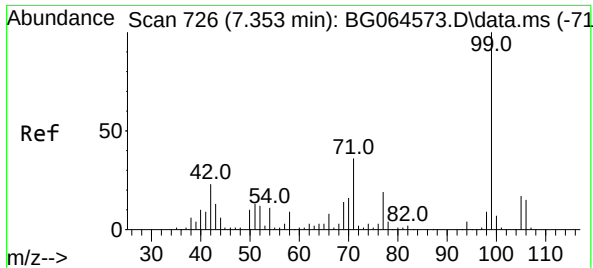
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#6
Aniline
Concen: 20.540 ng
RT: 7.515 min Scan# 753
Delta R.T. -0.015 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Tgt Ion: 93 Resp: 82230
Ion Ratio Lower Upper
93 100
66 44.3 37.0 55.6
65 22.5 18.3 27.5





#7

Phenol-d6

Concen: 93.851 ng

RT: 7.345 min Scan# 71

Delta R.T. -0.009 min

Lab File: BG064718.D

Acq: 7 Nov 2025 16:13

Instrument :

BNA_G

ClientSampleId :

PB170446BS

Tgt Ion: 99 Resp: 276118

Ion Ratio Lower Upper

99 100

42 23.1 18.3 27.5

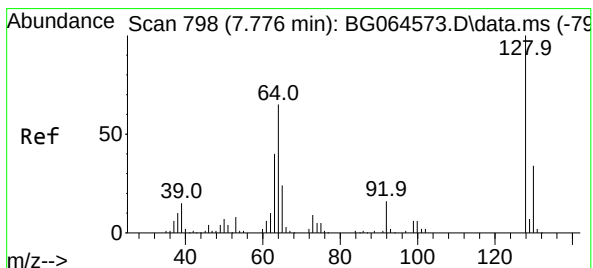
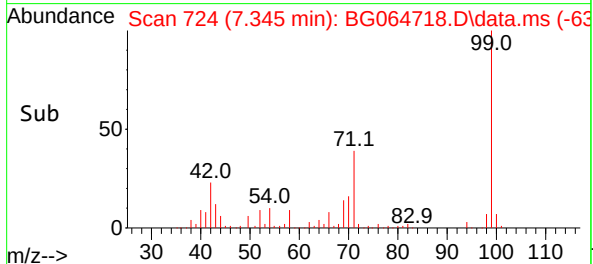
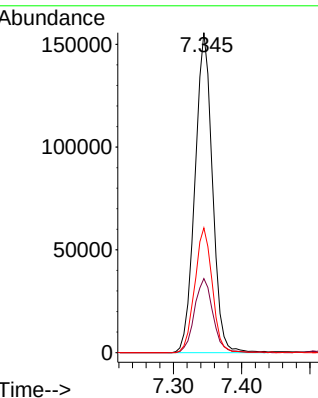
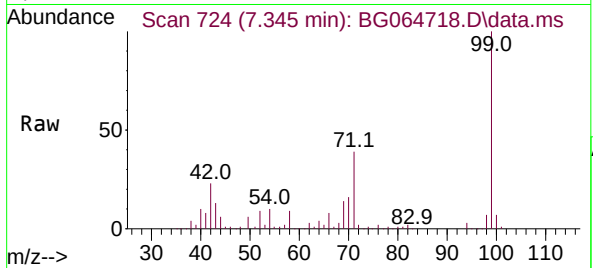
71 39.0 28.6 43.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#8

2-Chlorophenol

Concen: 49.114 ng

RT: 7.762 min Scan# 795

Delta R.T. -0.014 min

Lab File: BG064718.D

Acq: 7 Nov 2025 16:13

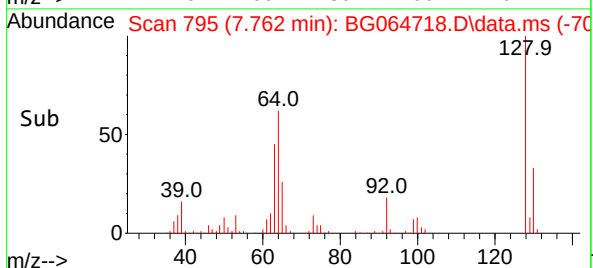
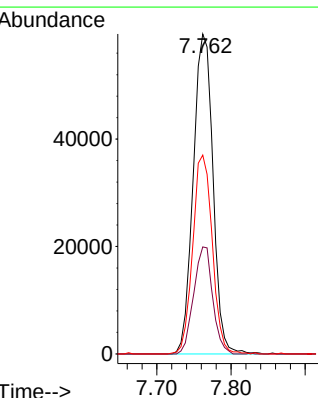
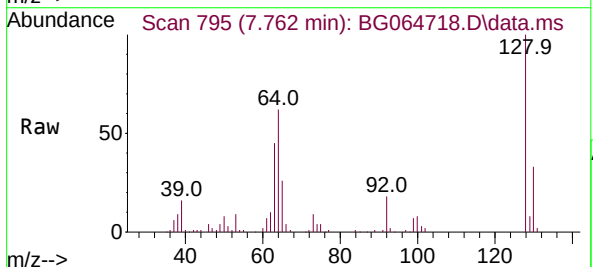
Tgt Ion:128 Resp: 110221

Ion Ratio Lower Upper

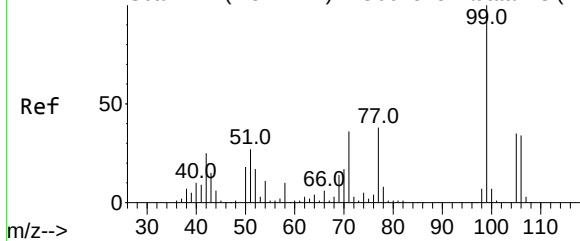
128 100

130 33.4 13.5 53.5

64 62.1 45.2 85.2



Abundance Scan 724 (7.342 min): BG064573.D\data.ms (-71



#9

Benzaldehyde

Concen: 1.266 ng

RT: 7.374 min Scan# 729

Delta R.T. 0.032 min

Lab File: BG064718.D

Acq: 7 Nov 2025 16:13

Instrument :

BNA_G

ClientSampleId :

PB170446BS

Tgt Ion: 77 Resp: 2033

Ion Ratio Lower Upper

77 100

105 0.0 72.9 112.9

106 0.0 70.8 110.8

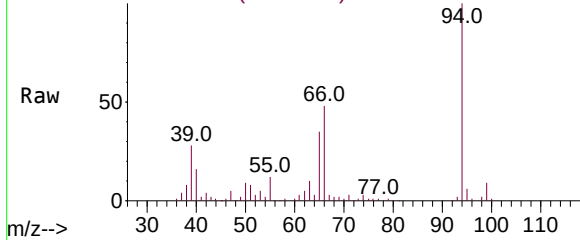
Manual Integrations

APPROVED

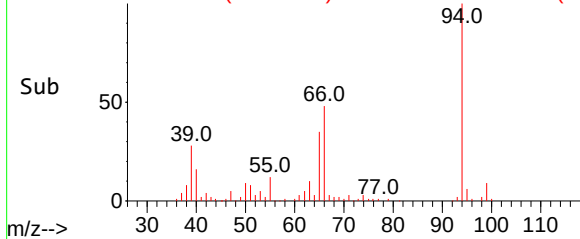
Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025

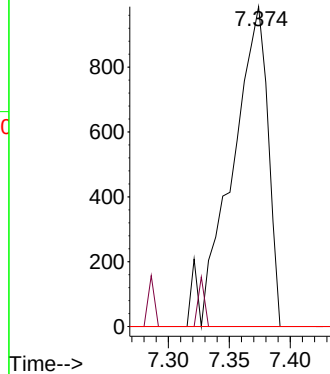
Abundance Scan 729 (7.374 min): BG064718.D\data.ms



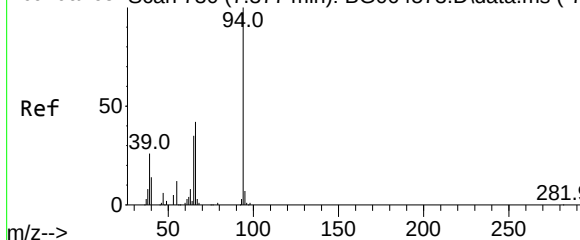
Abundance Scan 729 (7.374 min): BG064718.D\data.ms (-70



Abundance



Abundance Scan 730 (7.377 min): BG064573.D\data.ms (-72



#10

Phenol

Concen: 44.847 ng

RT: 7.374 min Scan# 729

Delta R.T. -0.003 min

Lab File: BG064718.D

Acq: 7 Nov 2025 16:13

Tgt Ion: 94 Resp: 145919

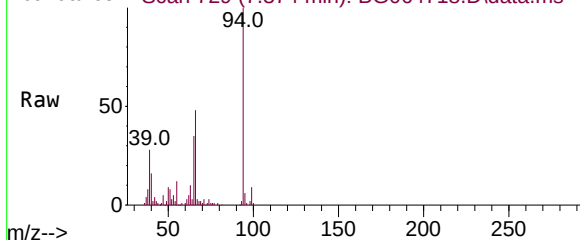
Ion Ratio Lower Upper

94 100

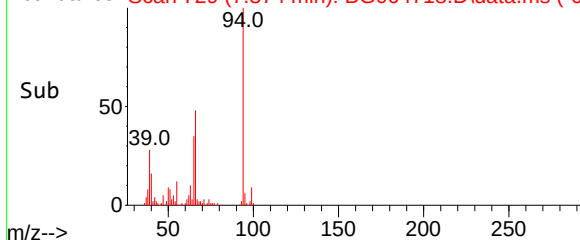
65 34.9 15.8 55.8

66 48.1 24.0 64.0

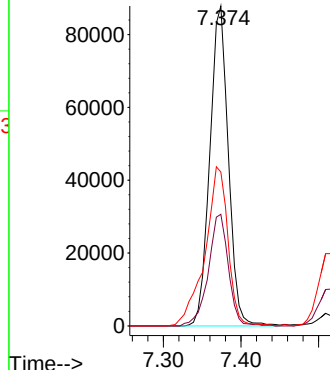
Abundance Scan 729 (7.374 min): BG064718.D\data.ms

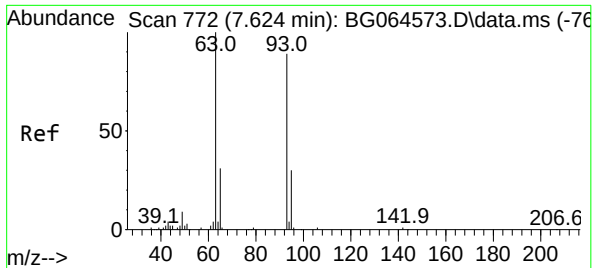


Abundance Scan 729 (7.374 min): BG064718.D\data.ms (-63



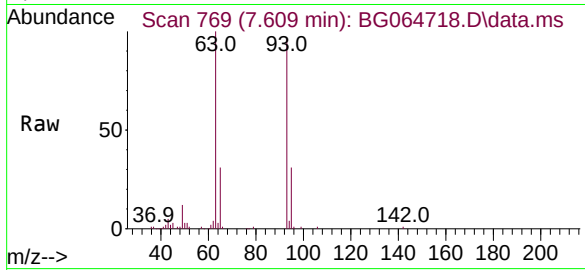
Abundance





#11
bis(2-Chloroethyl)ether
Concen: 39.643 ng
RT: 7.609 min Scan# 70
Delta R.T. -0.015 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

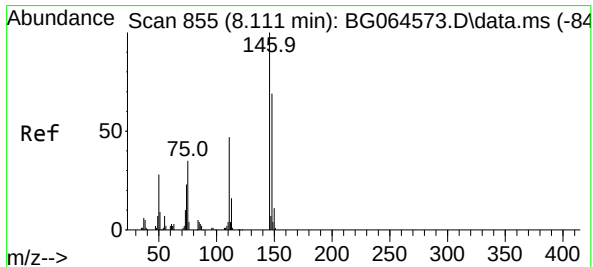
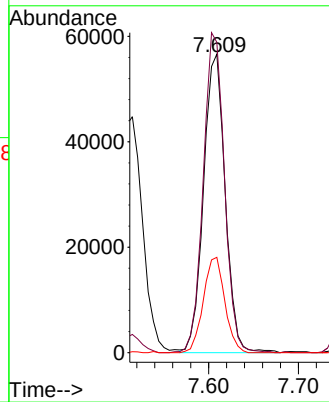
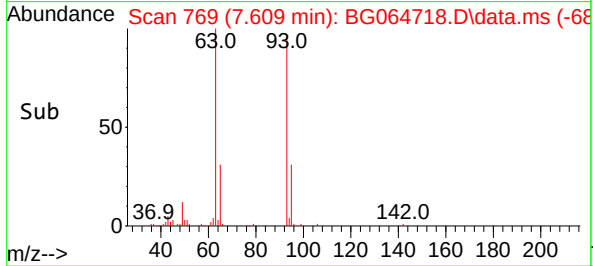
Instrument :
BNA_G
ClientSampleId :
PB170446BS



Tgt Ion: 93 Resp: 94835
Ion Ratio Lower Upper
93 100
63 104.0 91.3 131.3
95 31.9 13.3 53.3

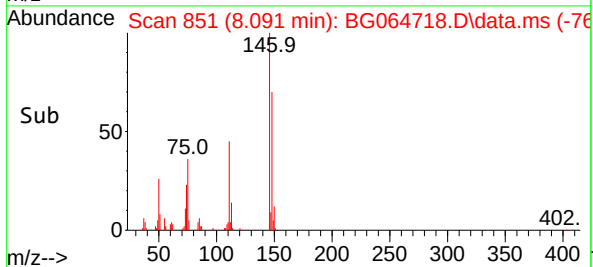
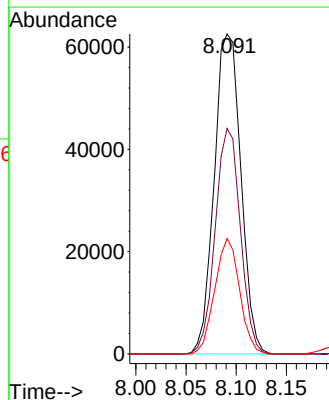
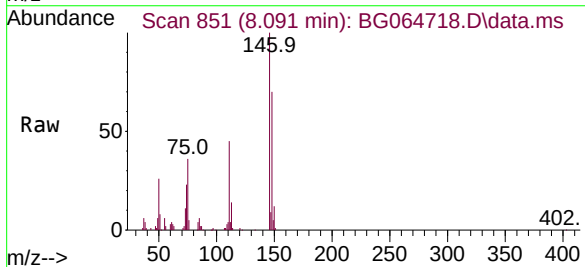
Manual Integrations
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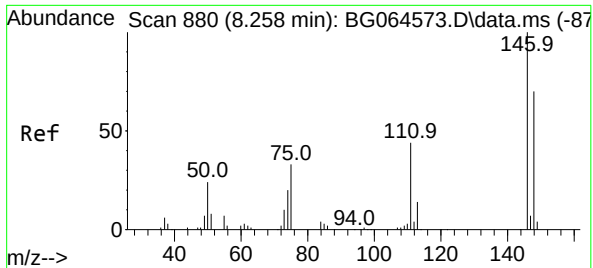
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#12
1,3-Dichlorobenzene
Concen: 44.847 ng
RT: 8.091 min Scan# 851
Delta R.T. -0.020 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Tgt Ion:146 Resp: 115838
Ion Ratio Lower Upper
146 100
148 70.4 55.3 82.9
75 36.1 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 45.731 ng

RT: 8.238 min Scan# 81

Delta R.T. -0.020 min

Lab File: BG064718.D

Acq: 7 Nov 2025 16:13

Instrument :

BNA_G

ClientSampleId :

PB170446BS

Tgt Ion:146 Resp: 120106

Ion Ratio Lower Upper

146 100

148 64.4 56.2 84.4

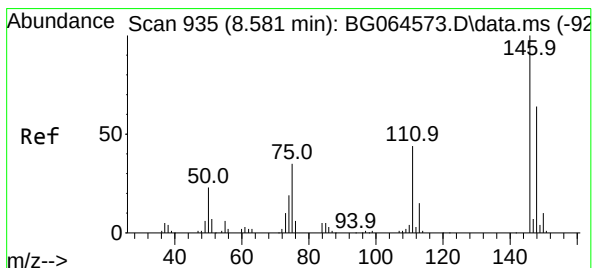
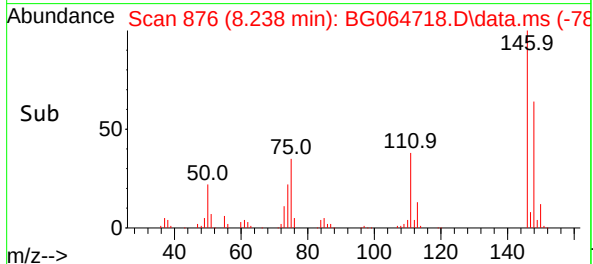
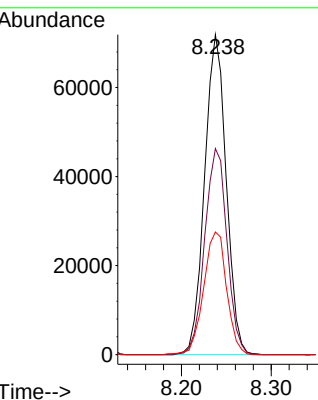
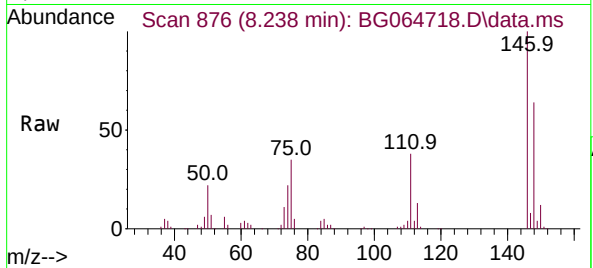
111 38.3 35.4 53.0

Manual Integrations

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Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#14

1,2-Dichlorobenzene

Concen: 45.712 ng

RT: 8.561 min Scan# 931

Delta R.T. -0.020 min

Lab File: BG064718.D

Acq: 7 Nov 2025 16:13

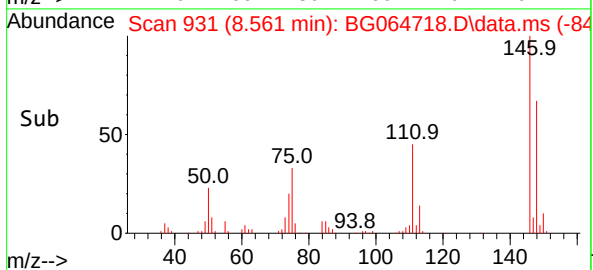
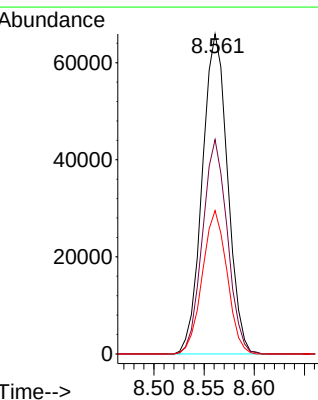
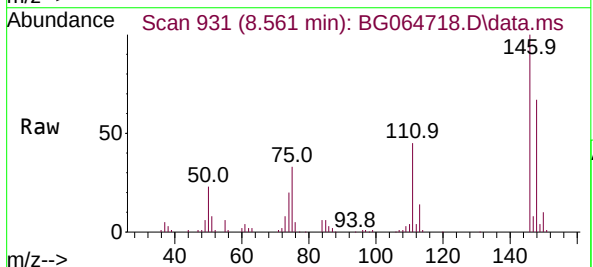
Tgt Ion:146 Resp: 115799

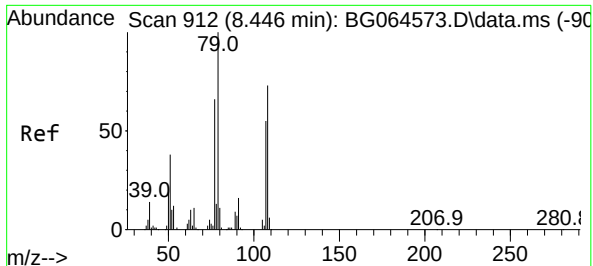
Ion Ratio Lower Upper

146 100

148 67.0 51.5 77.3

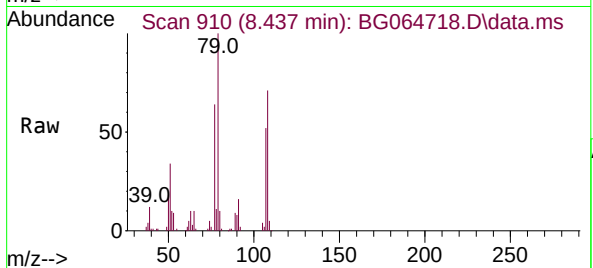
111 44.8 35.0 52.6





#15
Benzyl Alcohol
Concen: 45.321 ng
RT: 8.437 min Scan# 912
Delta R.T. -0.009 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

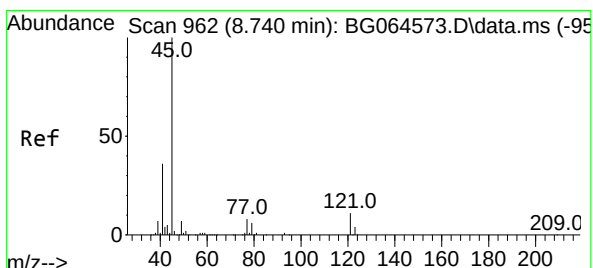
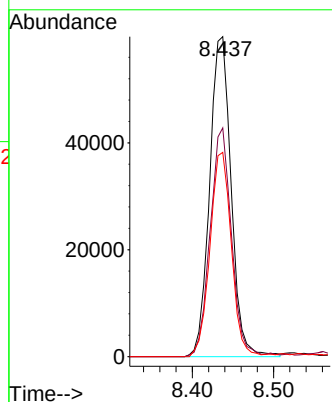
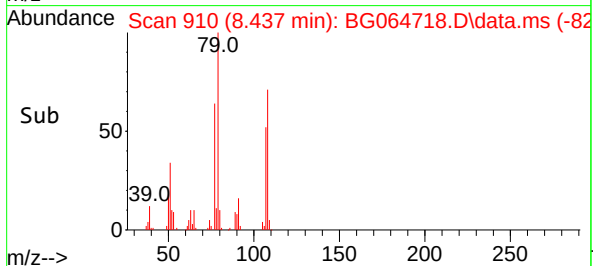
Instrument :
BNA_G
ClientSampleId :
PB170446BS



Tgt Ion: 79 Resp: 109955
Ion Ratio Lower Upper
79 100
108 71.5 58.1 87.1
77 63.8 52.8 79.2

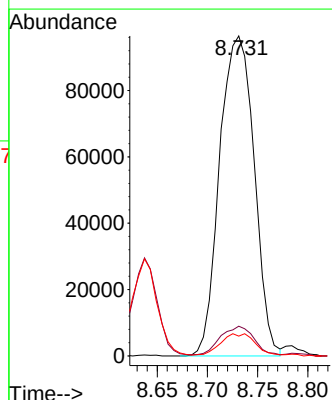
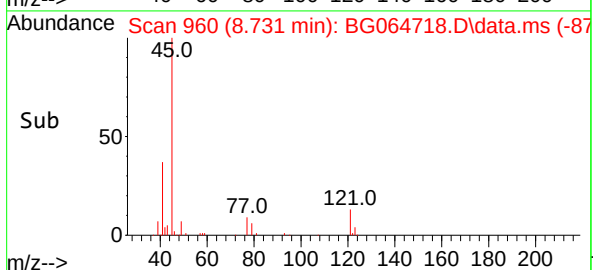
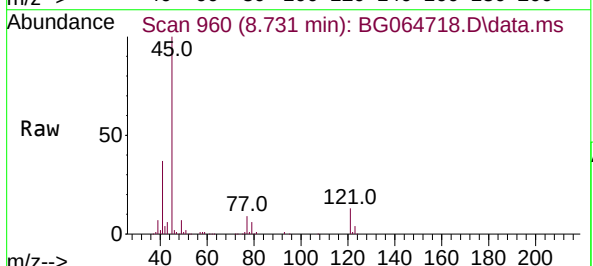
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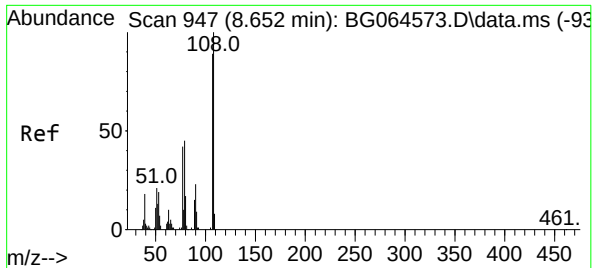
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.816 ng
RT: 8.731 min Scan# 960
Delta R.T. -0.009 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Tgt Ion: 45 Resp: 231017
Ion Ratio Lower Upper
45 100
77 9.3 0.0 28.5
79 6.2 0.0 25.6





#17

2-Methylphenol

Concen: 47.730 ng

RT: 8.637 min Scan# 94

Delta R.T. -0.015 min

Lab File: BG064718.D

Acq: 7 Nov 2025 16:13

Instrument :

BNA_G

ClientSampleId :

PB170446BS

Tgt Ion:107 Resp: 103110

Ion Ratio Lower Upper

107 100

108 107.2 90.0 135.0

77 50.5 37.8 56.8

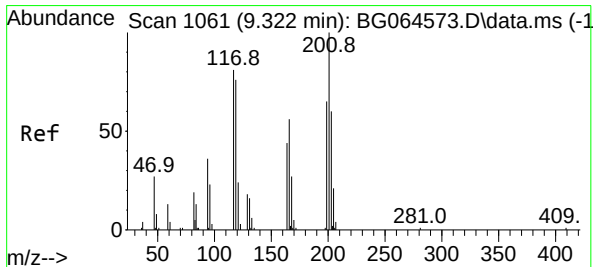
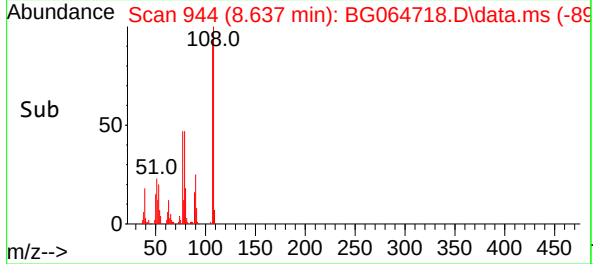
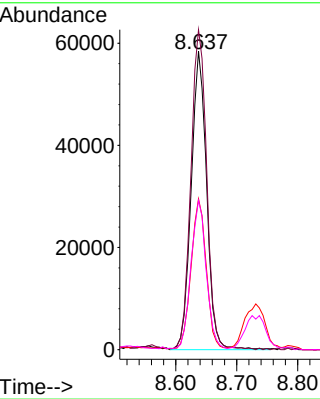
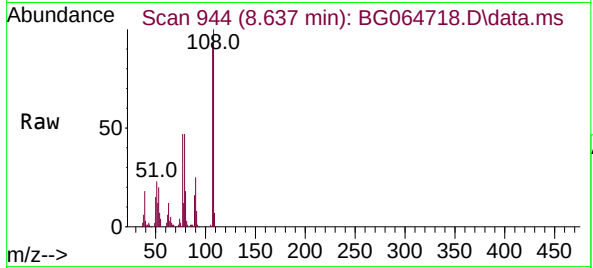
79 50.0 40.5 60.7

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Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#18

Hexachloroethane

Concen: 46.276 ng

RT: 9.301 min Scan# 1057

Delta R.T. -0.020 min

Lab File: BG064718.D

Acq: 7 Nov 2025 16:13

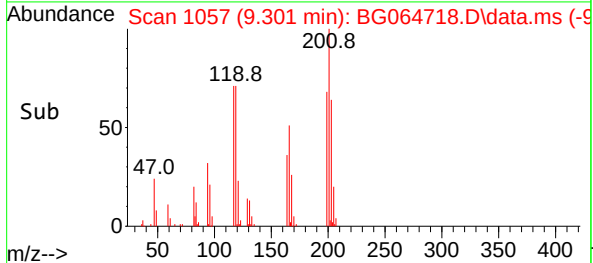
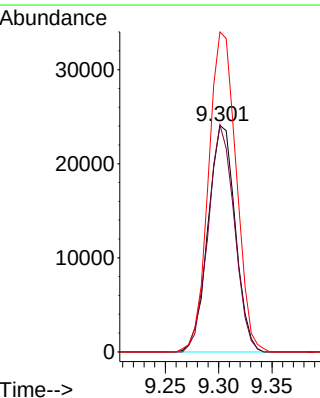
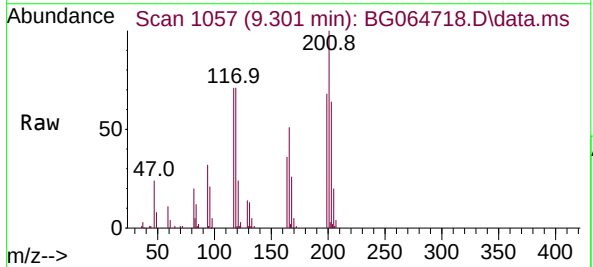
Tgt Ion:117 Resp: 42651

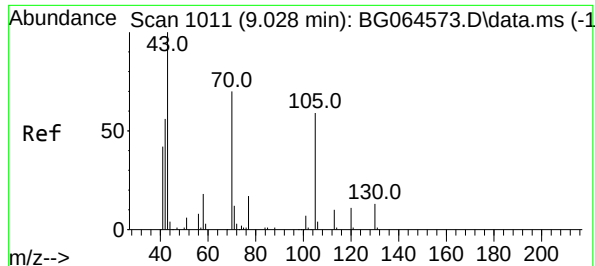
Ion Ratio Lower Upper

117 100

119 100.2 75.4 113.2

201 141.3 99.2 148.8





#19

n-Nitroso-di-n-propylamine

Concen: 42.426 ng

RT: 9.007 min Scan# 10

Delta R.T. -0.020 min

Lab File: BG064718.D

Acq: 7 Nov 2025 16:13

Instrument :

BNA_G

ClientSampleId :

PB170446BS

Tgt Ion: 70 Resp: 86264

Ion Ratio Lower Upper

70 100

42 78.5 65.2 97.8

101 9.2 7.9 11.9

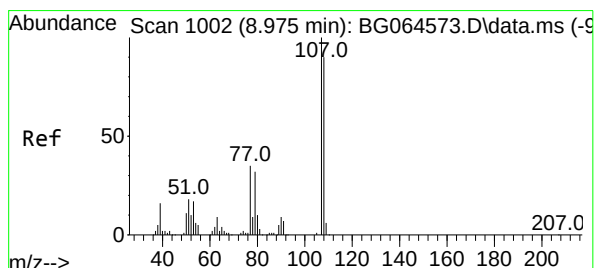
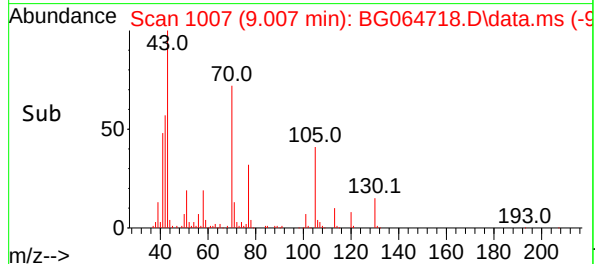
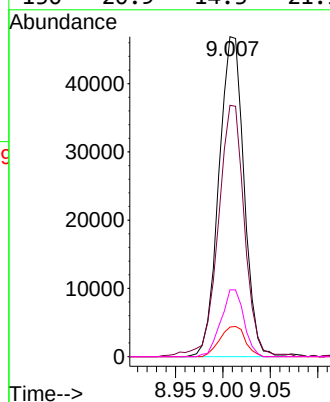
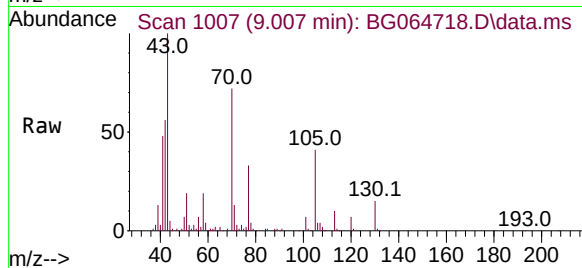
130 20.9 14.3 21.5

Manual Integrations

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Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#20

3+4-Methylphenols

Concen: 45.140 ng

RT: 8.966 min Scan# 1000

Delta R.T. -0.009 min

Lab File: BG064718.D

Acq: 7 Nov 2025 16:13

Tgt Ion:107 Resp: 137137

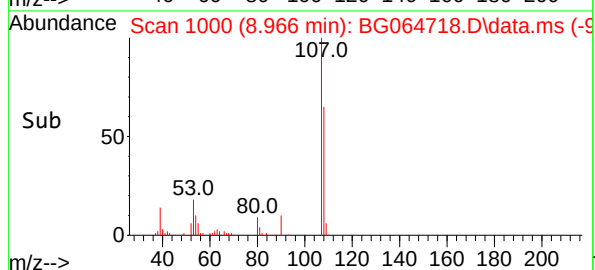
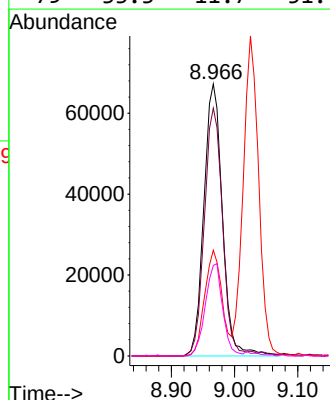
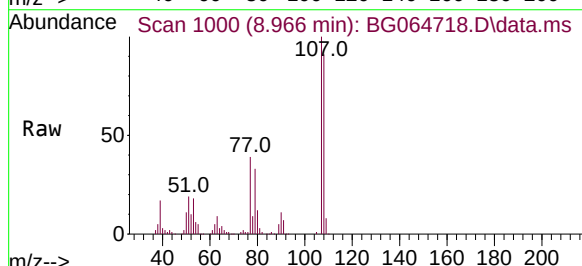
Ion Ratio Lower Upper

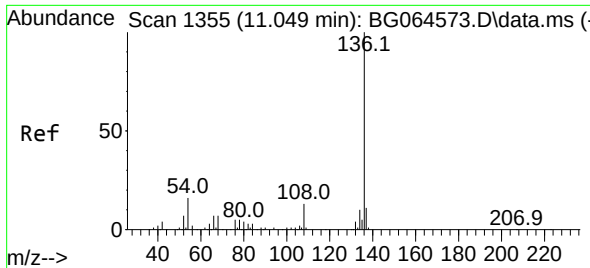
107 100

108 91.1 70.3 110.3

77 38.9 14.6 54.6

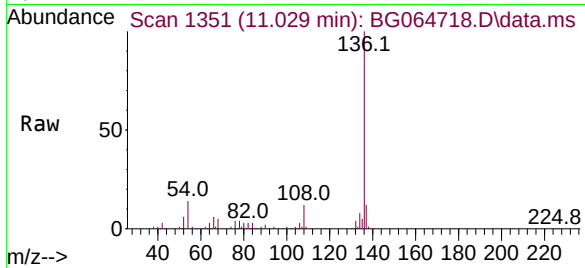
79 33.3 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.029 min Scan# 1355
Delta R.T. -0.020 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

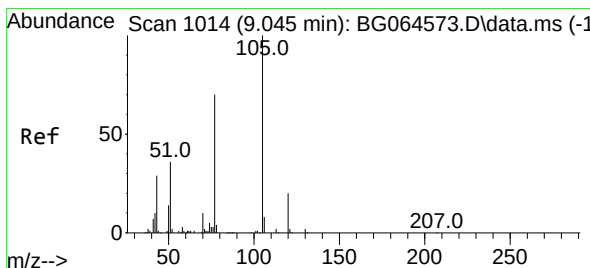
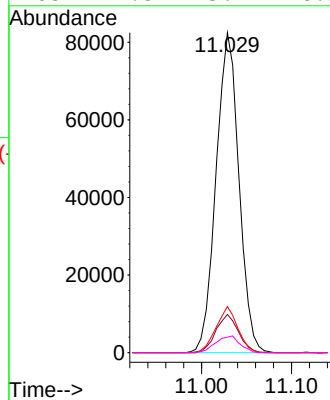
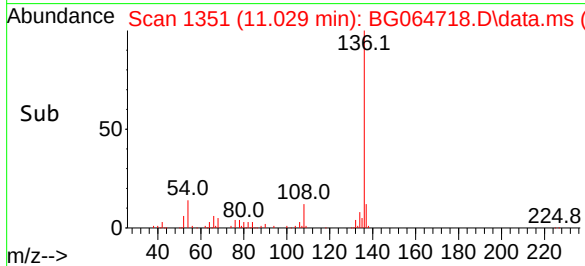
Instrument :
BNA_G
ClientSampleId :
PB170446BS



Tgt Ion:136 Resp: 145823
Ion Ratio Lower Upper
136 100
137 11.9 9.2 13.8
54 14.4 12.6 19.0
68 4.8 5.7 8.5#

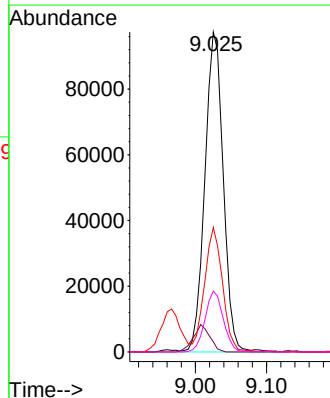
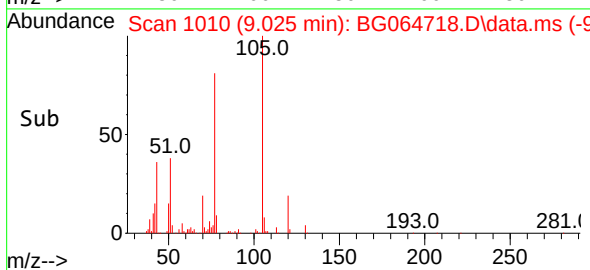
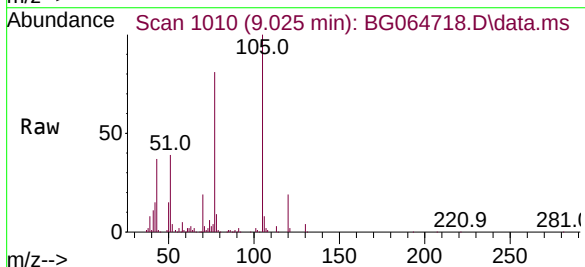
Manual Integrations
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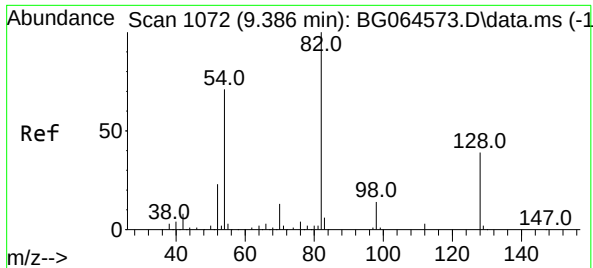
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#22
Acetophenone
Concen: 43.812 ng
RT: 9.025 min Scan# 1010
Delta R.T. -0.020 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Tgt Ion:105 Resp: 174645
Ion Ratio Lower Upper
105 100
71 3.2 1.5 2.3#
51 38.9 33.7 50.5
120 19.0 16.1 24.1





#23

Nitrobenzene-d5

Concen: 106.869 ng

RT: 9.372 min Scan# 1069

Delta R.T. -0.015 min

Lab File: BG064718.D

Acq: 7 Nov 2025 16:13

Instrument :

BNA_G

ClientSampleId :

PB170446BS

Tgt Ion: 82 Resp: 259463

Ion Ratio Lower Upper

82 100

128 41.7 31.3 46.9

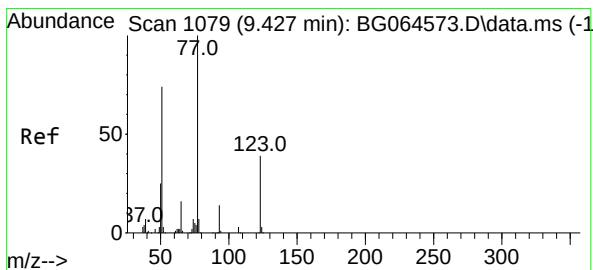
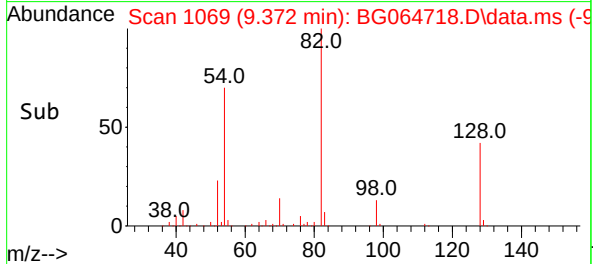
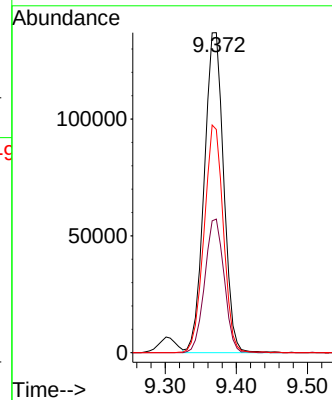
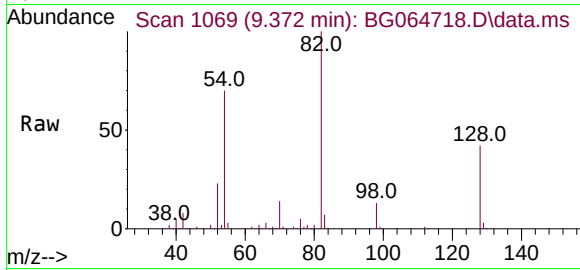
54 69.7 56.6 84.8

Manual Integrations

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Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#24

Nitrobenzene

Concen: 50.505 ng

RT: 9.413 min Scan# 1076

Delta R.T. -0.015 min

Lab File: BG064718.D

Acq: 7 Nov 2025 16:13

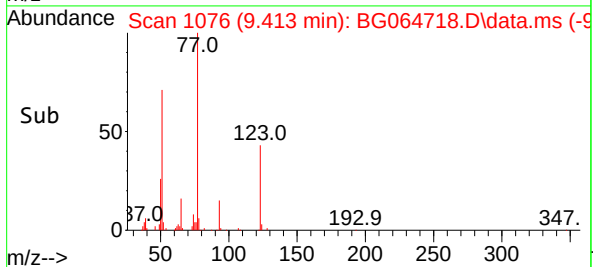
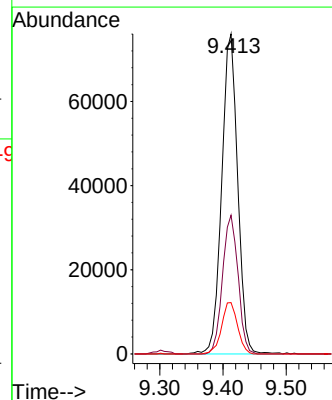
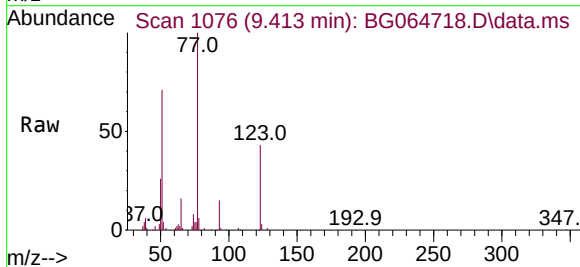
Tgt Ion: 77 Resp: 133366

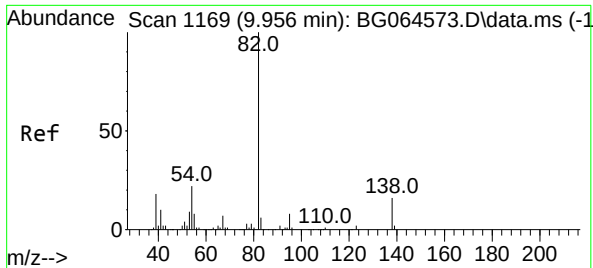
Ion Ratio Lower Upper

77 100

123 43.3 31.0 46.6

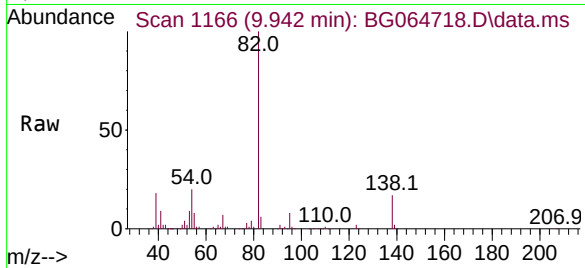
65 16.0 12.7 19.1





#25
Isophorone
Concen: 42.400 ng
RT: 9.942 min Scan# 1166
Delta R.T. -0.015 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

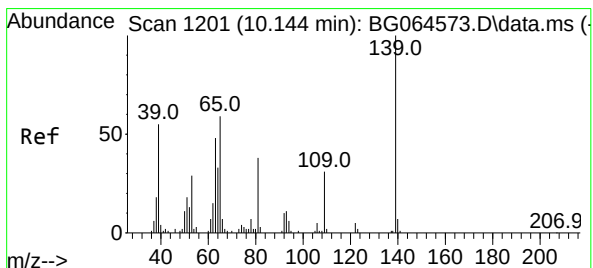
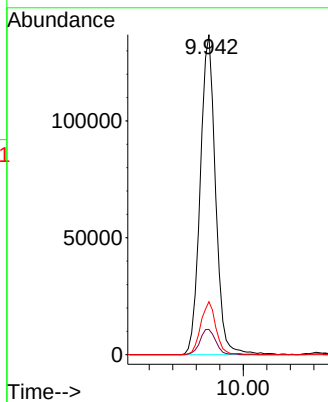
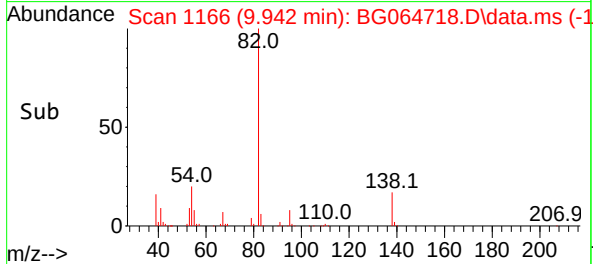
Instrument :
BNA_G
ClientSampleId :
PB170446BS



Tgt Ion: 82 Resp: 247010
Ion Ratio Lower Upper
82 100
95 7.9 6.1 9.1
138 16.5 13.0 19.4

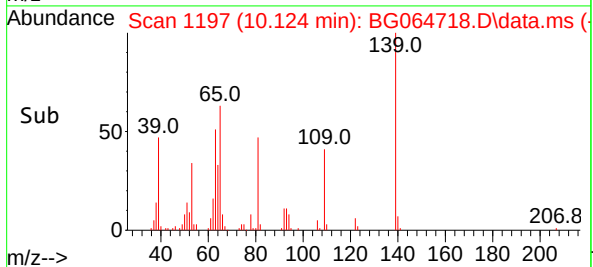
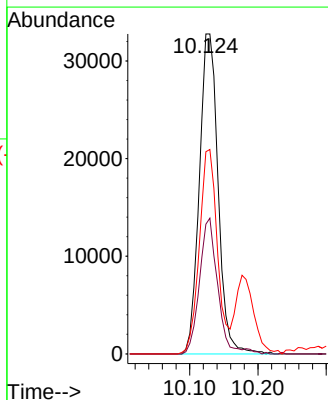
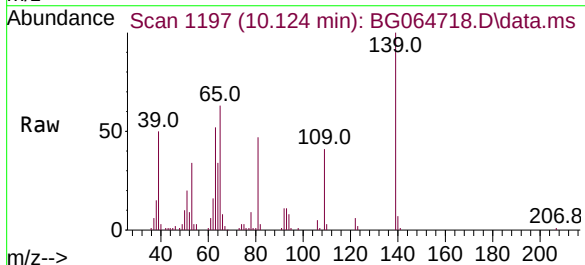
Manual Integrations
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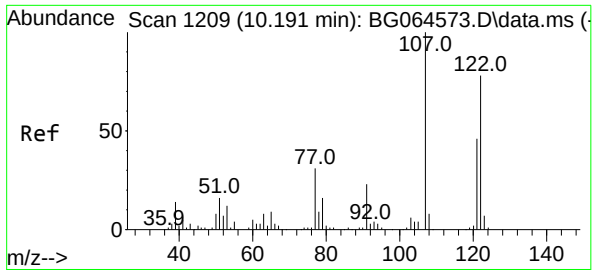
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#26
2-Nitrophenol
Concen: 60.646 ng
RT: 10.124 min Scan# 1197
Delta R.T. -0.020 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Tgt Ion:139 Resp: 62689
Ion Ratio Lower Upper
139 100
109 40.5 24.6 37.0#
65 63.2 47.5 71.3





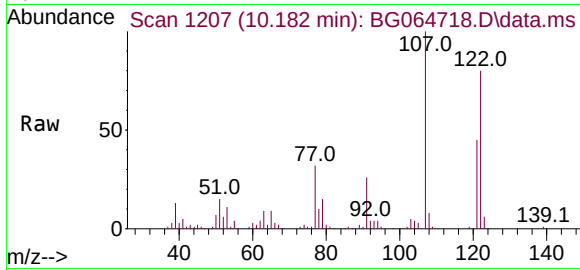
#27
2,4-Dimethylphenol
Concen: 52.539 ng
RT: 10.182 min Scan# 1207
Delta R.T. -0.009 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Instrument :

BNA_G

ClientSampleId :

PB170446BS

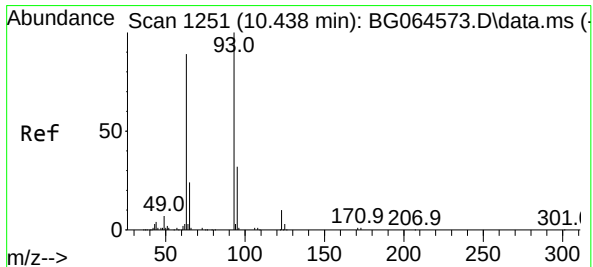
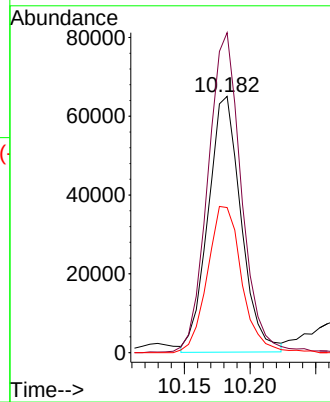
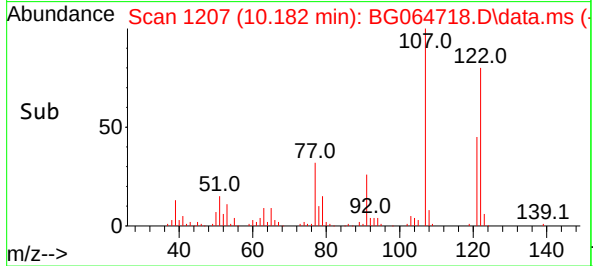


Tgt Ion:122 Resp: 113852
Ion Ratio Lower Upper
122 100
107 124.9 103.0 154.4
121 56.6 47.8 71.8

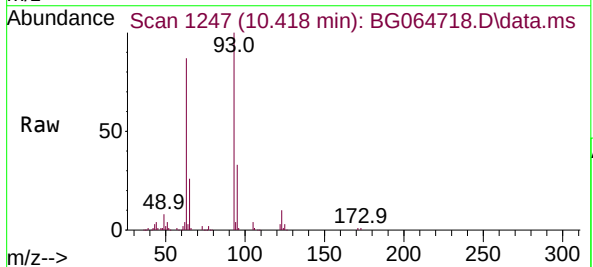
Manual Integrations

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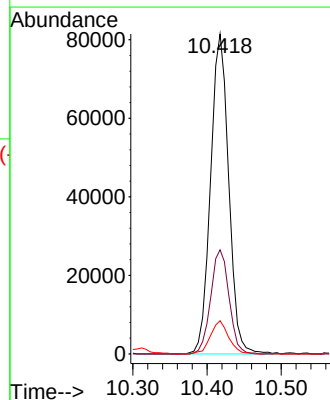
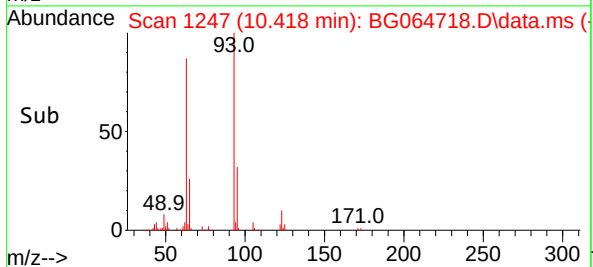
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

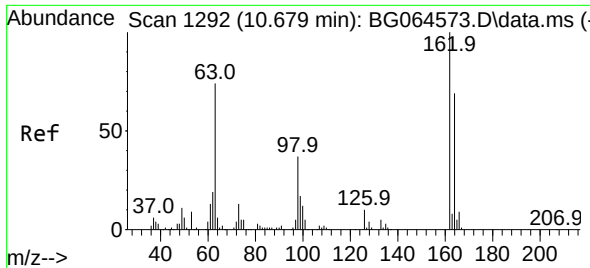


#28
bis(2-Chloroethoxy)methane
Concen: 41.706 ng
RT: 10.418 min Scan# 1247
Delta R.T. -0.020 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13



Tgt Ion: 93 Resp: 138337
Ion Ratio Lower Upper
93 100
95 32.5 25.4 38.2
123 10.4 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 54.174 ng

RT: 10.670 min Scan# 11

Delta R.T. -0.009 min

Lab File: BG064718.D

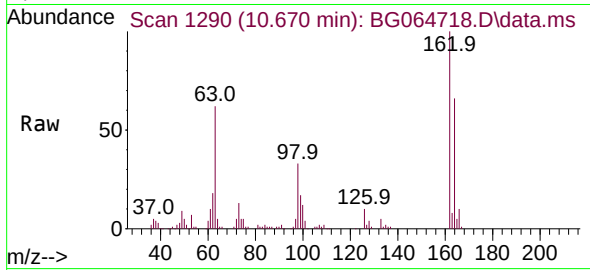
Acq: 7 Nov 2025 16:13

Instrument :

BNA_G

ClientSampleId :

PB170446BS



Tgt Ion:162 Resp: 12634

Ion Ratio Lower Upper

162 100

164 66.0 48.7 88.7

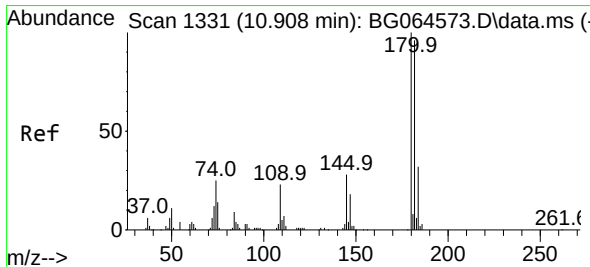
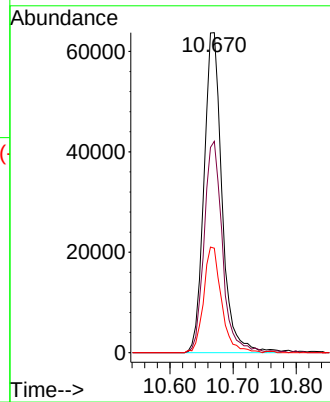
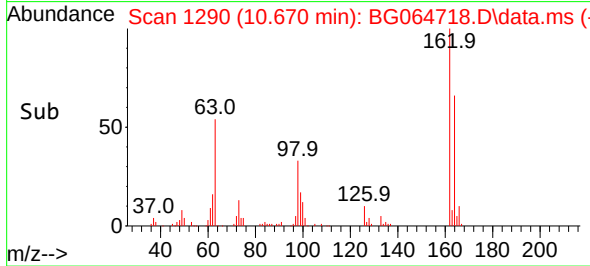
98 32.6 16.9 56.9

Manual Integrations

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Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#30

1,2,4-Trichlorobenzene

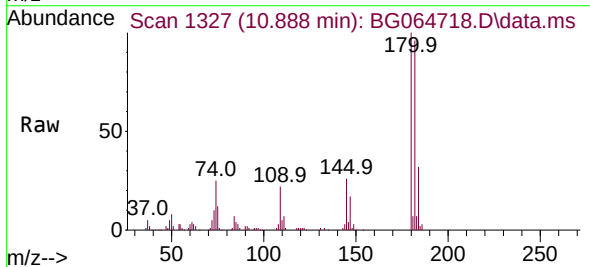
Concen: 53.559 ng

RT: 10.888 min Scan# 1327

Delta R.T. -0.020 min

Lab File: BG064718.D

Acq: 7 Nov 2025 16:13



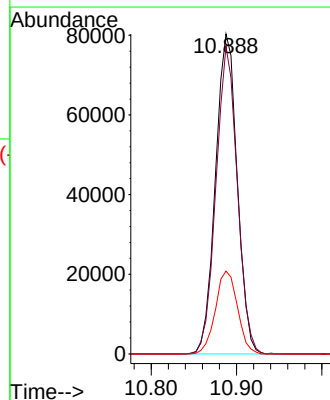
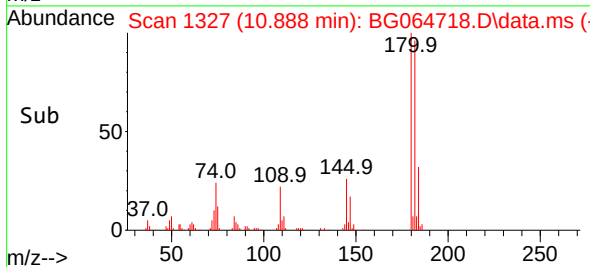
Tgt Ion:180 Resp: 141919

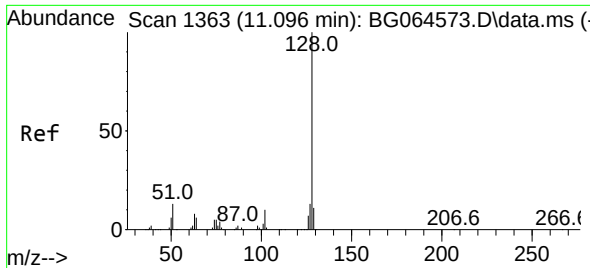
Ion Ratio Lower Upper

180 100

182 96.0 76.9 115.3

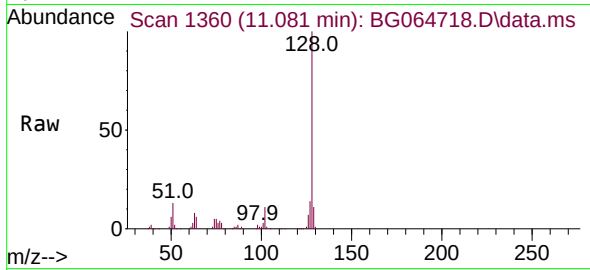
145 25.9 22.1 33.1





#31
Naphthalene
Concen: 45.269 ng
RT: 11.081 min Scan# 1363
Delta R.T. -0.015 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

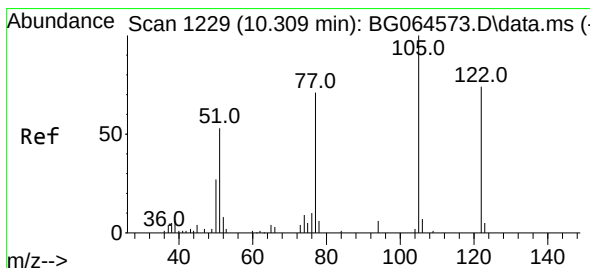
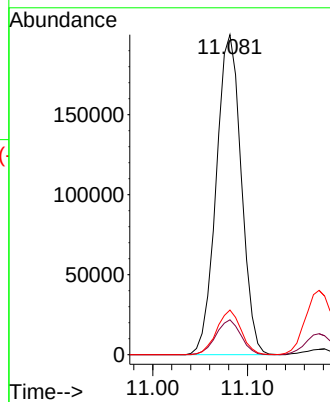
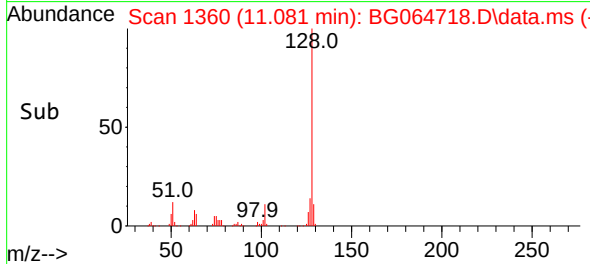
Instrument :
BNA_G
ClientSampleId :
PB170446BS



Tgt Ion:128 Resp: 365996
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.9 10.6 15.8

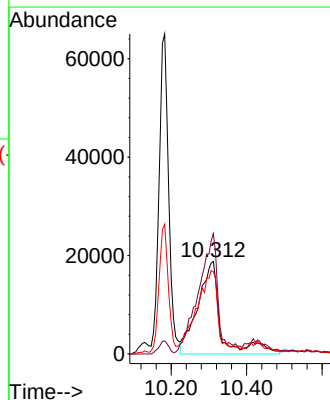
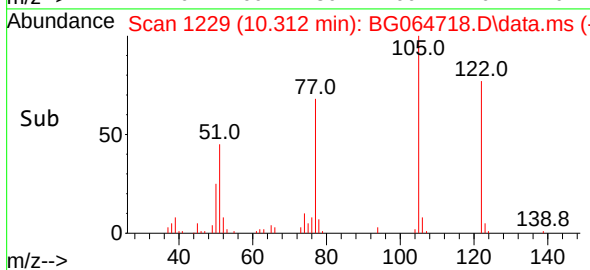
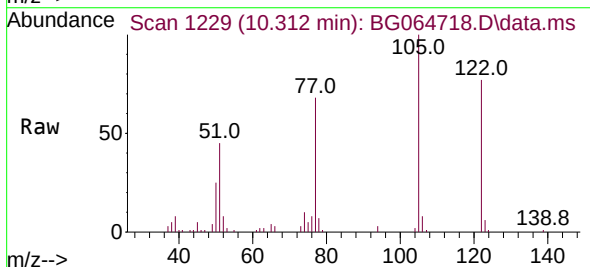
Manual Integrations
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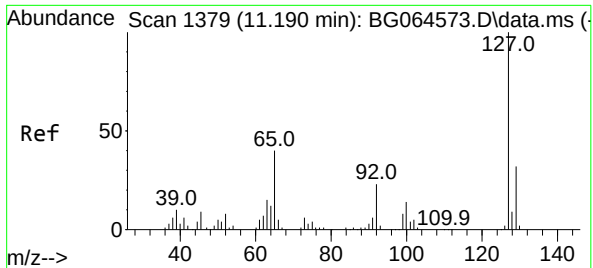
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#32
Benzoic acid
Concen: 48.002 ng m
RT: 10.312 min Scan# 1229
Delta R.T. 0.003 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Tgt Ion:122 Resp: 79365
Ion Ratio Lower Upper
122 100
105 130.2 104.2 144.2
77 89.1 70.2 110.2





#33
4-Chloroaniline
Concen: 26.874 ng
RT: 11.175 min Scan# 1376
Delta R.T. -0.015 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Instrument :

BNA_G

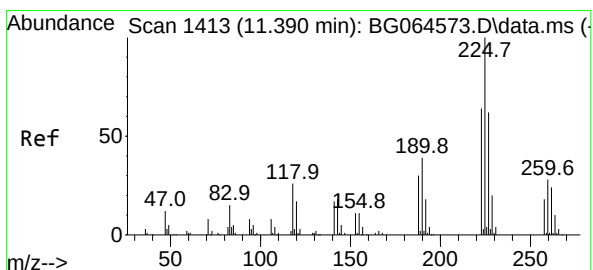
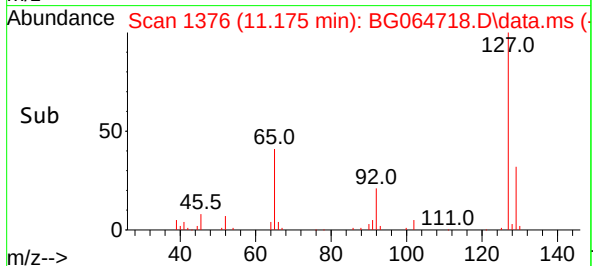
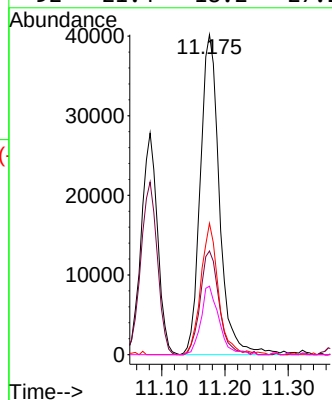
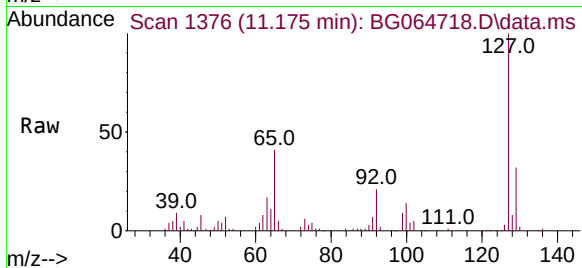
ClientSampleId :

PB170446BS

Tgt Ion:127 Resp: 84449
Ion Ratio Lower Upper
127 100
129 32.4 25.5 38.3
65 41.0 32.2 48.4
92 21.4 18.2 27.2

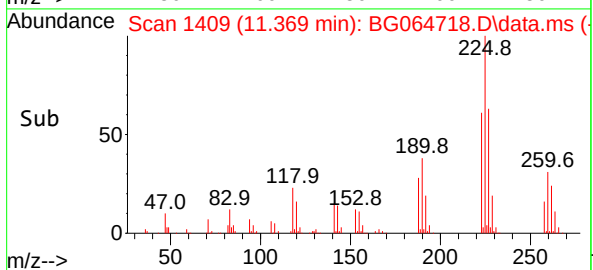
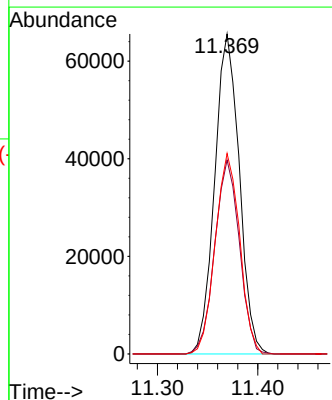
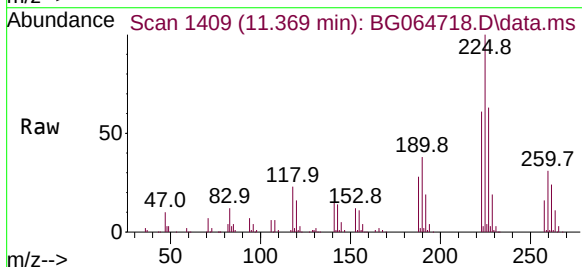
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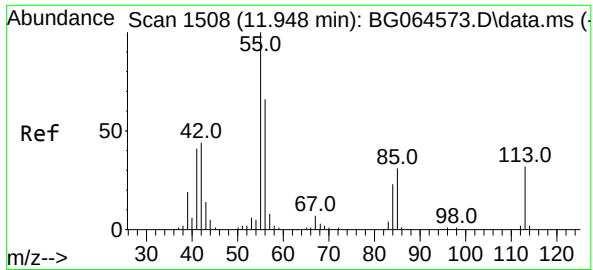
Reviewed By :Rahul Chavli 11/10/2025
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#34
Hexachlorobutadiene
Concen: 53.944 ng
RT: 11.369 min Scan# 1409
Delta R.T. -0.020 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

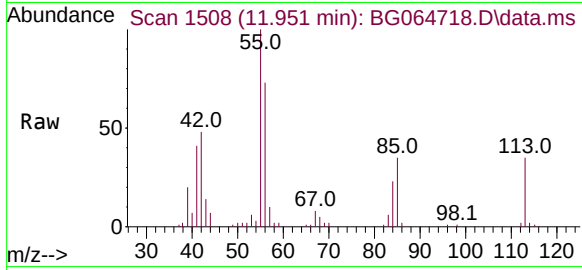
Tgt Ion:225 Resp: 111786
Ion Ratio Lower Upper
225 100
223 63.7 48.8 73.2
227 65.2 49.5 74.3





#35
Caprolactam
Concen: 40.976 ng m
RT: 11.951 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

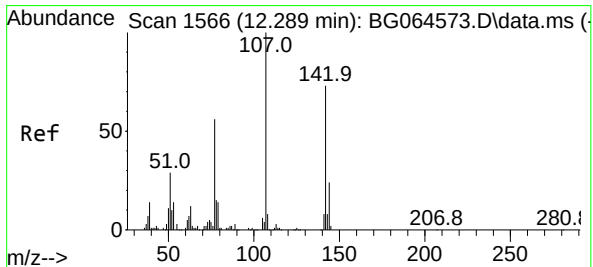
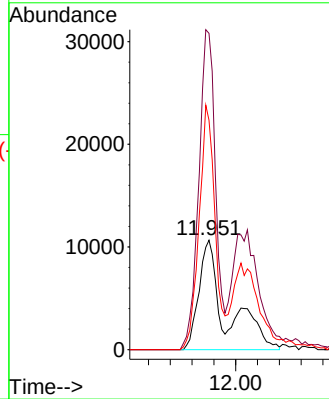
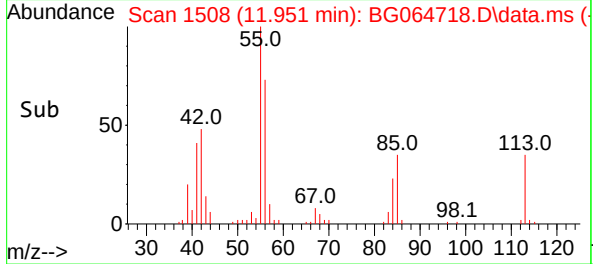
Instrument :
BNA_G
ClientSampleId :
PB170446BS



Tgt Ion:113 Resp: 36652
Ion Ratio Lower Upper
113 100
55 289.1 290.1 330.1
56 209.7 183.8 223.8

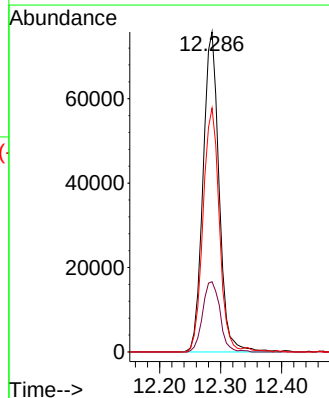
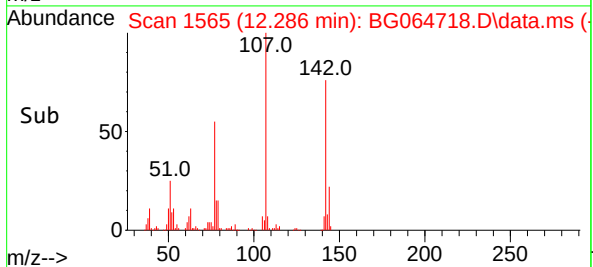
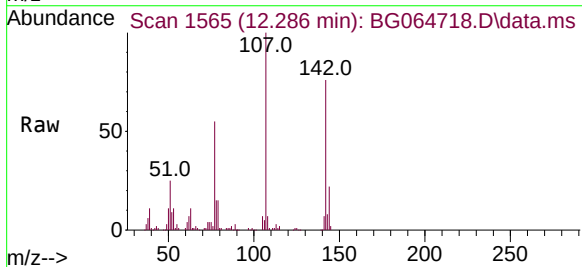
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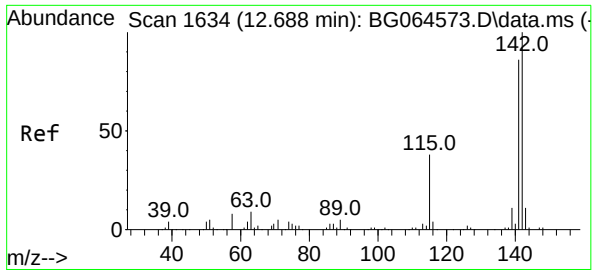
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#36
4-Chloro-3-methylphenol
Concen: 49.286 ng
RT: 12.286 min Scan# 1565
Delta R.T. -0.003 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

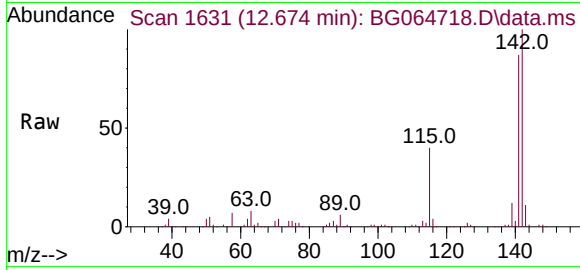
Tgt Ion:107 Resp: 138162
Ion Ratio Lower Upper
107 100
144 21.9 19.1 28.7
142 76.2 58.6 87.8





#37
2-Methylnaphthalene
Concen: 44.969 ng
RT: 12.674 min Scan# 1631
Delta R.T. -0.015 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

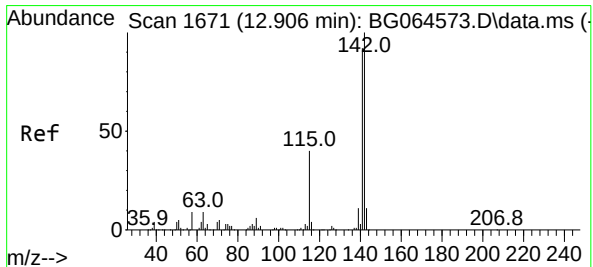
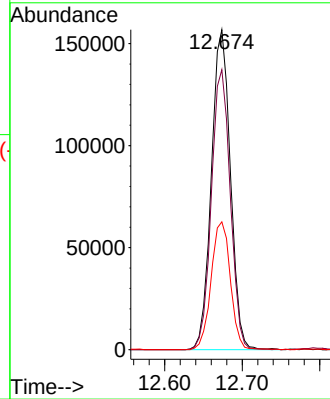
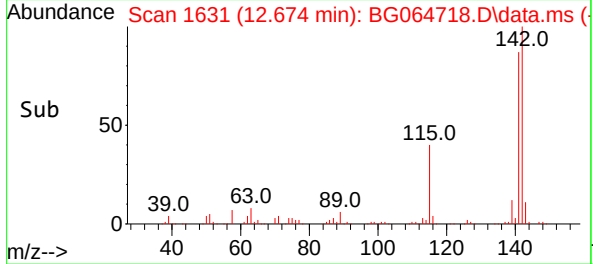
Instrument :
BNA_G
ClientSampleId :
PB170446BS



Tgt Ion:142 Resp: 266930
Ion Ratio Lower Upper
142 100
141 87.5 68.9 103.3
115 39.9 30.6 46.0

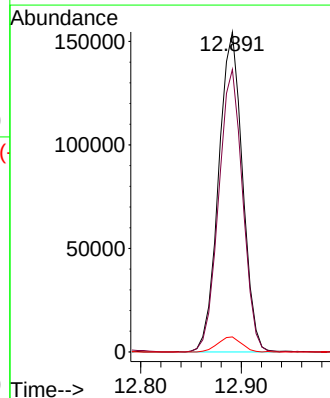
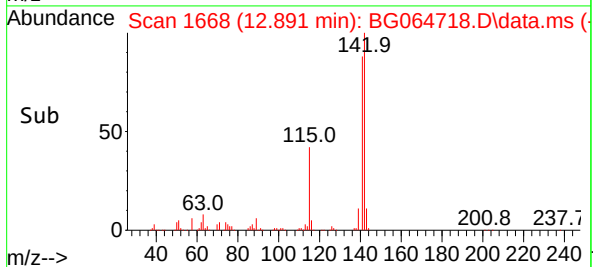
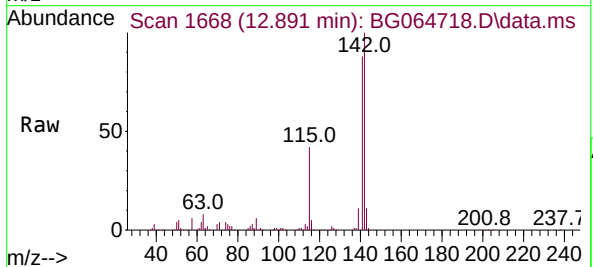
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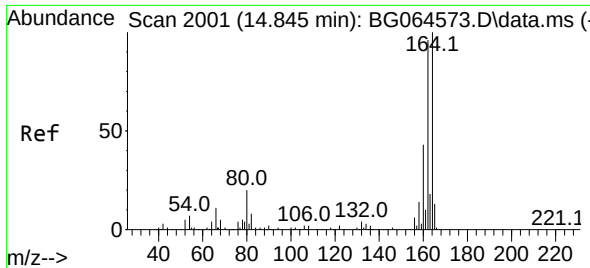
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#38
1-Methylnaphthalene
Concen: 43.239 ng m
RT: 12.891 min Scan# 1668
Delta R.T. -0.015 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Tgt Ion:142 Resp: 254086
Ion Ratio Lower Upper
142 100
141 88.3 73.3 109.9
116 4.7 3.1 4.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.830 min Scan# 1998

Delta R.T. -0.015 min

Lab File: BG064718.D

Acq: 7 Nov 2025 16:13

Instrument :

BNA_G

ClientSampleId :

PB170446BS

Tgt Ion:164 Resp: 117246

Ion Ratio Lower Upper

164 100

162 101.2 77.0 115.6

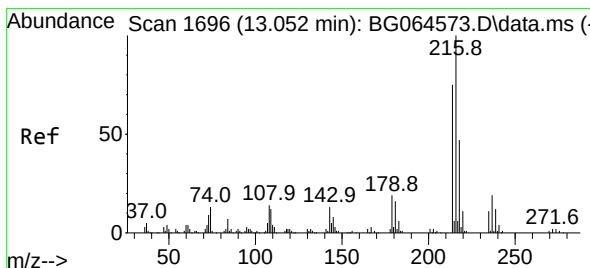
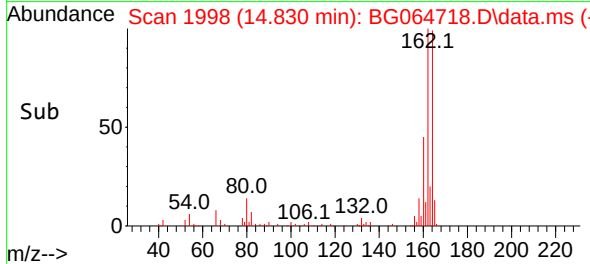
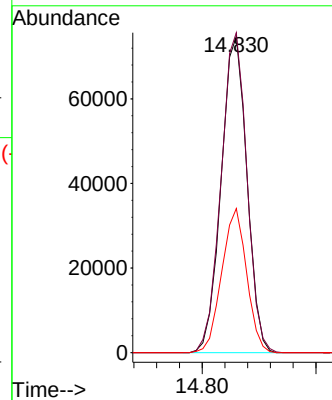
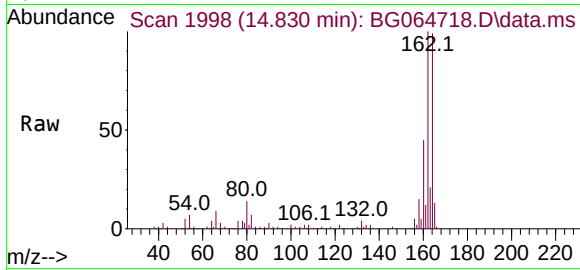
160 45.5 34.4 51.6

Manual Integrations

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Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.617 ng

RT: 13.038 min Scan# 1693

Delta R.T. -0.015 min

Lab File: BG064718.D

Acq: 7 Nov 2025 16:13

Tgt Ion:216 Resp: 203107

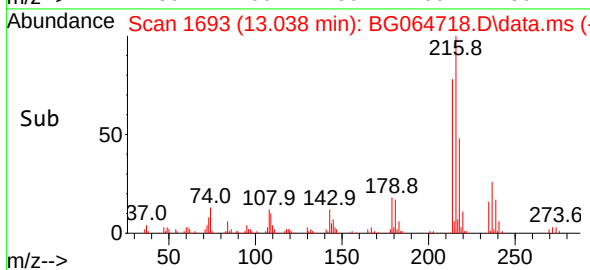
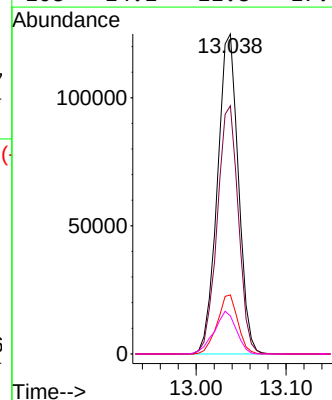
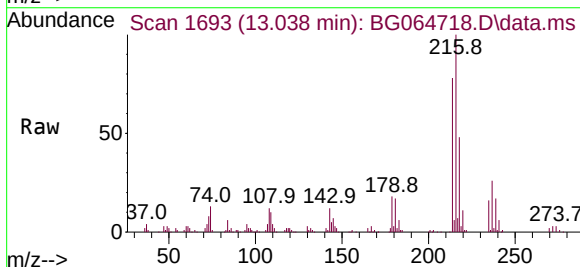
Ion Ratio Lower Upper

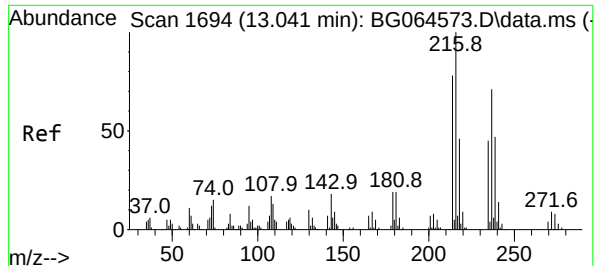
216 100

214 77.9 61.4 92.2

179 18.0 15.4 23.0

108 14.1 11.8 17.6





#41

Hexachlorocyclopentadiene

Concen: 128.291 ng

RT: 13.020 min Scan# 10

Delta R.T. -0.020 min

Lab File: BG064718.D

Acq: 7 Nov 2025 16:13

Instrument :

BNA_G

ClientSampleId :

PB170446BS

Tgt Ion:237 Resp: 227216

Ion Ratio Lower Upper

237 100

235 62.8 44.1 84.1

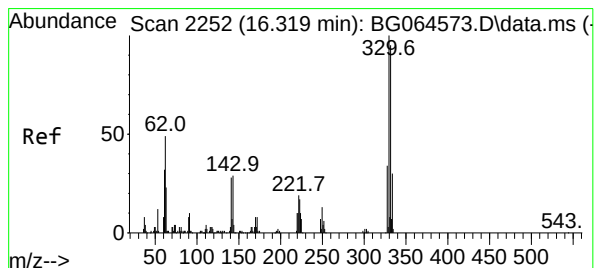
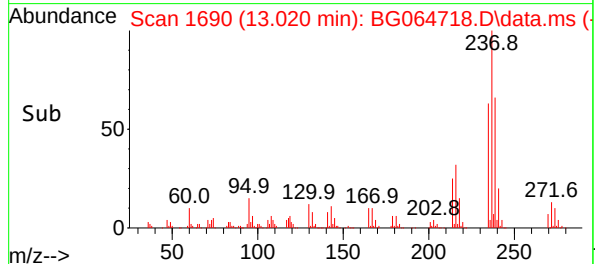
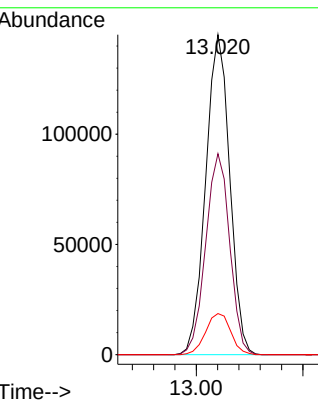
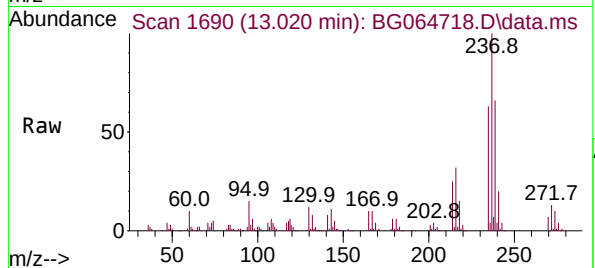
272 12.8 0.0 32.4

Manual Integrations

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Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#42

2,4,6-Tribromophenol

Concen: 125.749 ng

RT: 16.305 min Scan# 2249

Delta R.T. -0.015 min

Lab File: BG064718.D

Acq: 7 Nov 2025 16:13

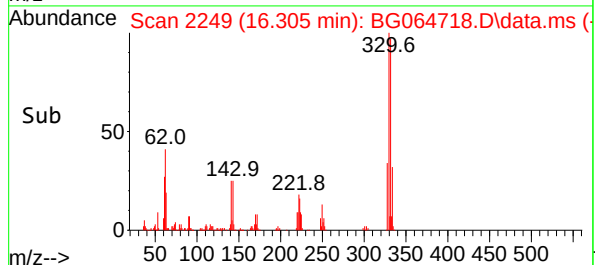
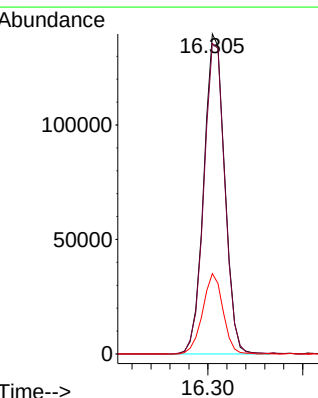
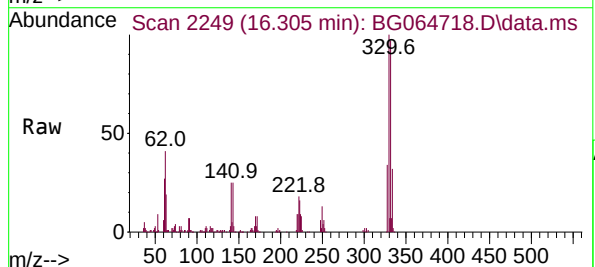
Tgt Ion:330 Resp: 212794

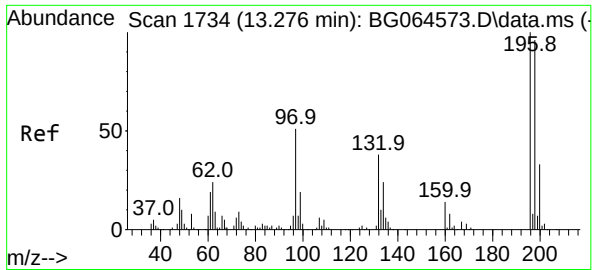
Ion Ratio Lower Upper

330 100

332 97.7 78.0 117.0

141 24.5 21.8 32.6





#43

2,4,6-Trichlorophenol

Concen: 56.423 ng

RT: 13.267 min Scan# 1732

Delta R.T. -0.009 min

Lab File: BG064718.D

Acq: 7 Nov 2025 16:13

Instrument :

BNA_G

ClientSampleId :

PB170446BS

Tgt Ion:196 Resp: 126996

Ion Ratio Lower Upper

196 100

198 93.4 76.6 115.0

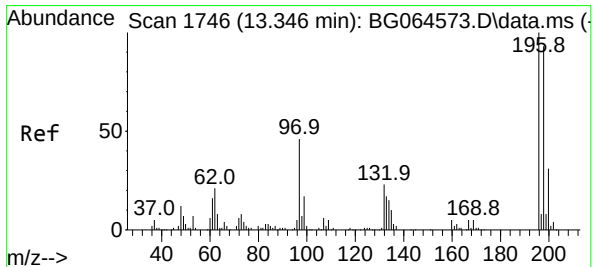
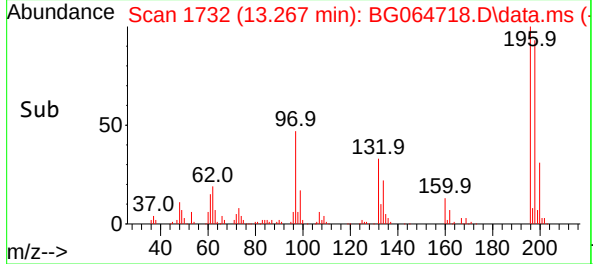
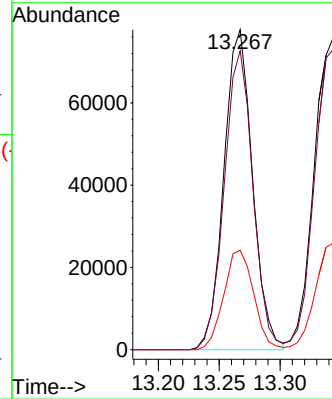
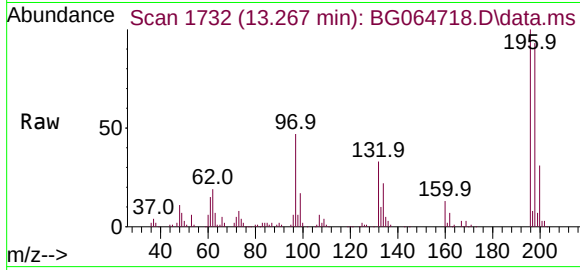
200 31.1 26.0 39.0

Manual Integrations

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Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#44

2,4,5-Trichlorophenol

Concen: 55.427 ng

RT: 13.343 min Scan# 1745

Delta R.T. -0.003 min

Lab File: BG064718.D

Acq: 7 Nov 2025 16:13

Tgt Ion:196 Resp: 143966

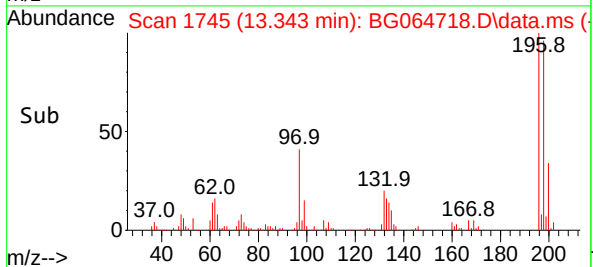
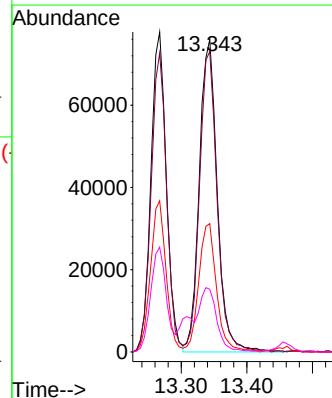
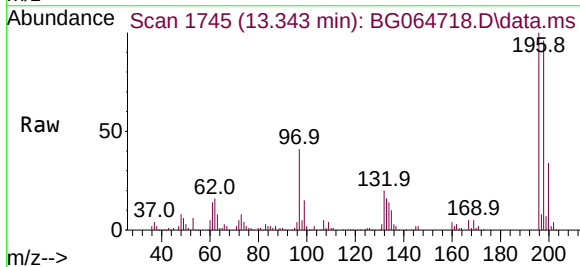
Ion Ratio Lower Upper

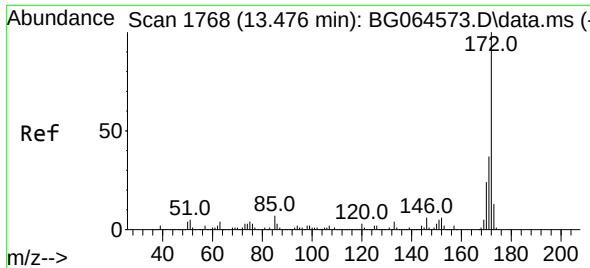
196 100

198 96.2 74.2 111.4

97 41.1 37.0 55.6

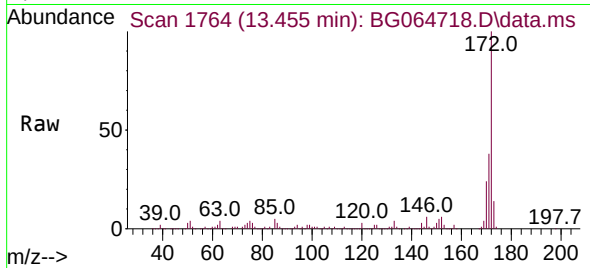
132 20.0 18.5 27.7





#45
2-Fluorobiphenyl
Concen: 94.820 ng
RT: 13.455 min Scan# 1764
Delta R.T. -0.020 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

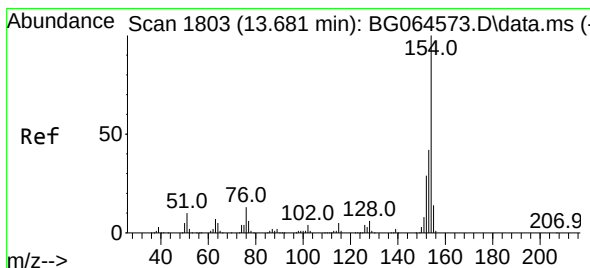
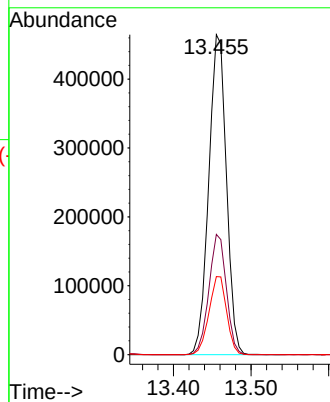
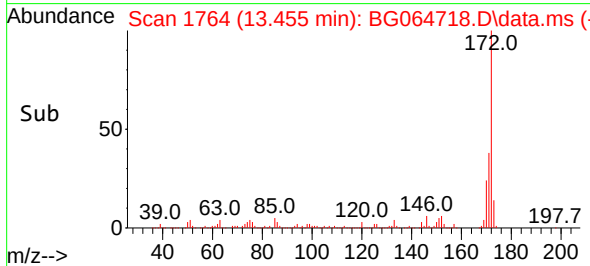
Instrument :
BNA_G
ClientSampleId :
PB170446BS



Tgt Ion:172 Resp: 733449
Ion Ratio Lower Upper
172 100
171 37.6 29.4 44.0
170 24.4 19.1 28.7

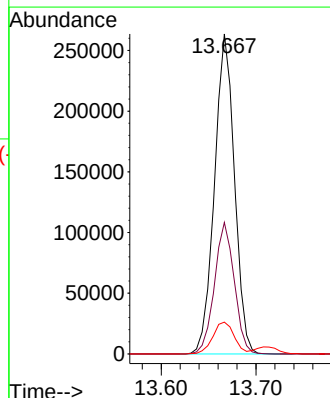
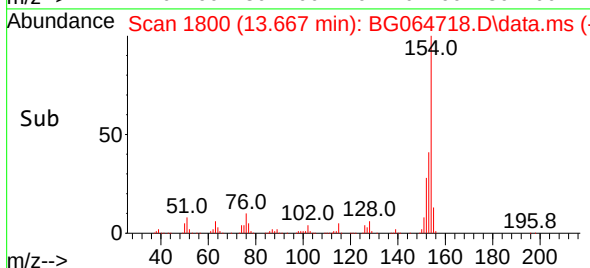
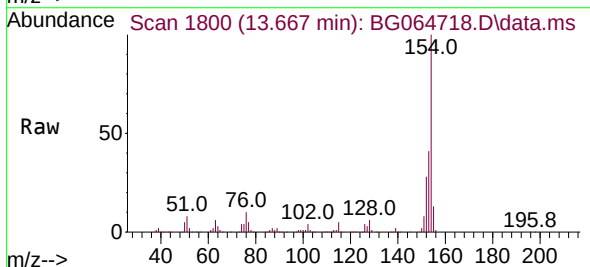
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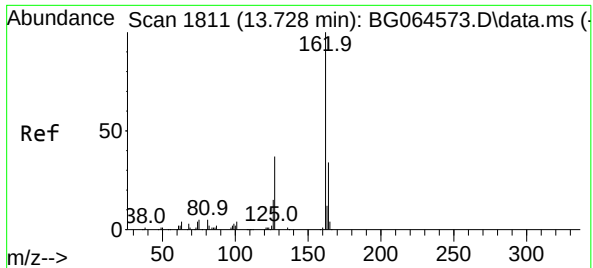
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#46
1,1'-Biphenyl
Concen: 46.222 ng
RT: 13.667 min Scan# 1800
Delta R.T. -0.015 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

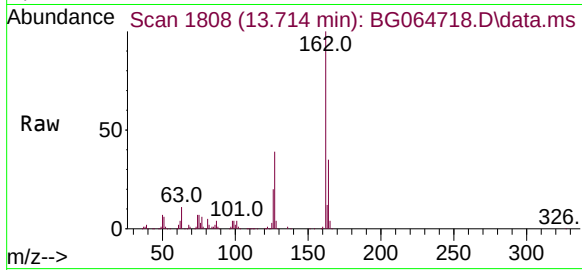
Tgt Ion:154 Resp: 385282
Ion Ratio Lower Upper
154 100
153 41.1 22.4 62.4
76 9.9 0.0 33.5





#47
2-Chloronaphthalene
Concen: 47.567 ng
RT: 13.714 min Scan# 1811
Delta R.T. -0.015 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

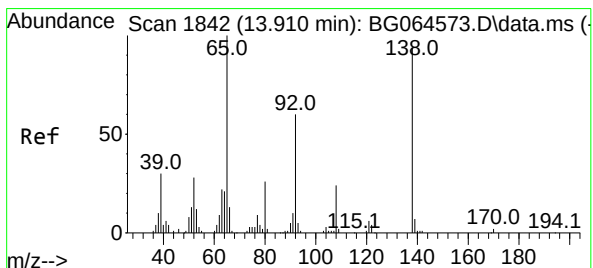
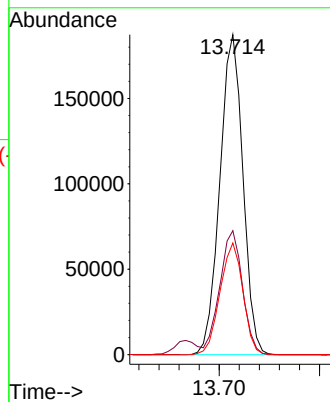
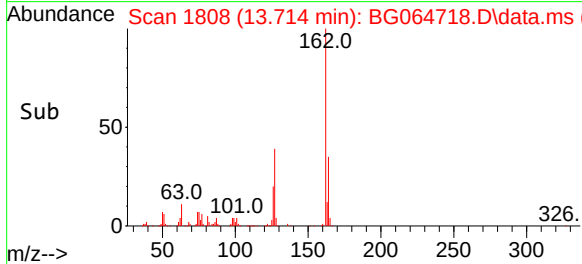
Instrument :
BNA_G
ClientSampleId :
PB170446BS



Tgt Ion:162 Resp: 299284
Ion Ratio Lower Upper
162 100
127 38.7 32.2 48.2
164 34.9 27.5 41.3

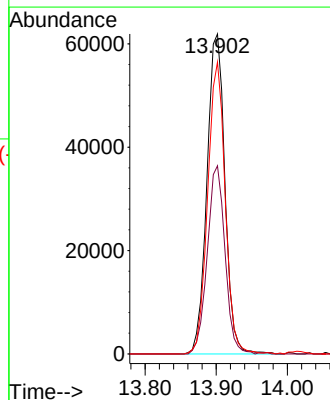
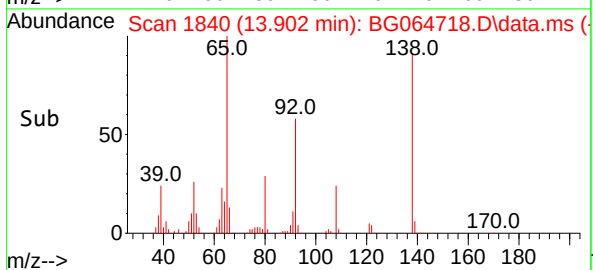
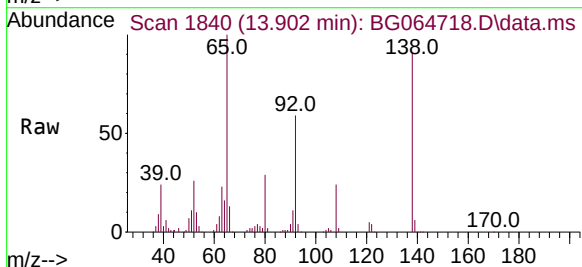
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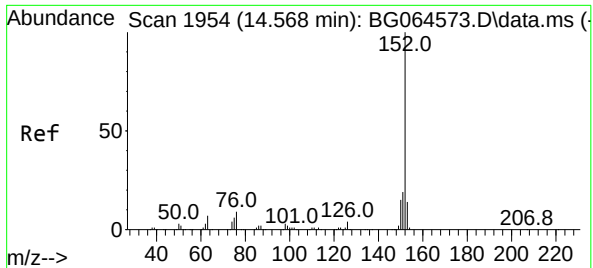
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#48
2-Nitroaniline
Concen: 51.205 ng
RT: 13.902 min Scan# 1840
Delta R.T. -0.008 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Tgt Ion: 65 Resp: 108644
Ion Ratio Lower Upper
65 100
92 58.8 48.3 72.5
138 91.2 74.9 112.3





#49

Acenaphthylene

Concen: 49.022 ng

RT: 14.554 min Scan# 1954

Delta R.T. -0.015 min

Lab File: BG064718.D

Acq: 7 Nov 2025 16:13

Instrument :

BNA_G

ClientSampleId :

PB170446BS

Tgt Ion:152 Resp: 486504

Ion Ratio Lower Upper

152 100

151 18.9 15.4 23.2

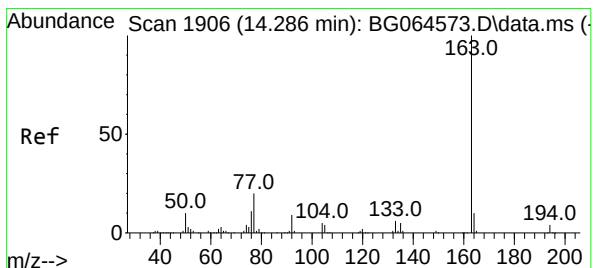
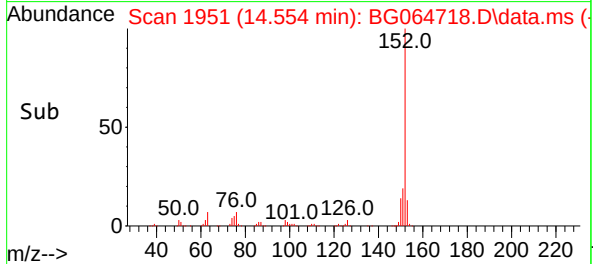
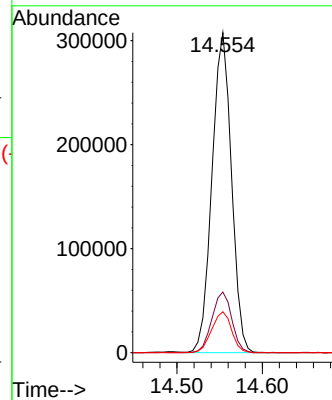
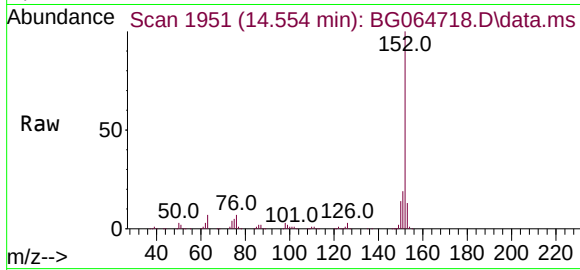
153 12.8 11.0 16.4

Manual Integrations

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Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#50

Dimethylphthalate

Concen: 47.018 ng

RT: 14.278 min Scan# 1904

Delta R.T. -0.009 min

Lab File: BG064718.D

Acq: 7 Nov 2025 16:13

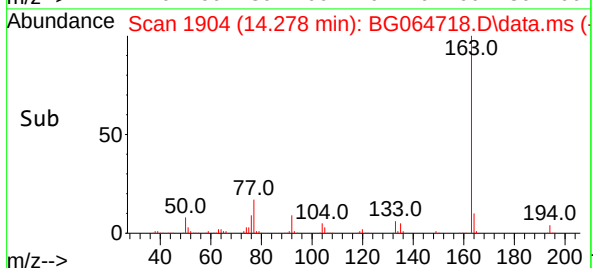
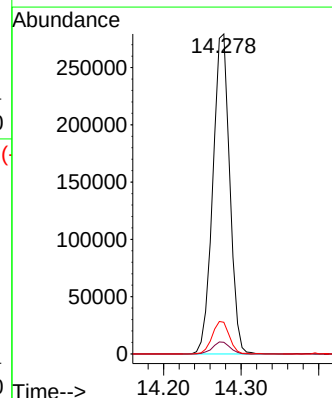
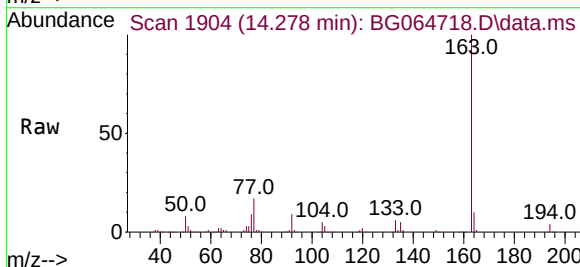
Tgt Ion:163 Resp: 421832

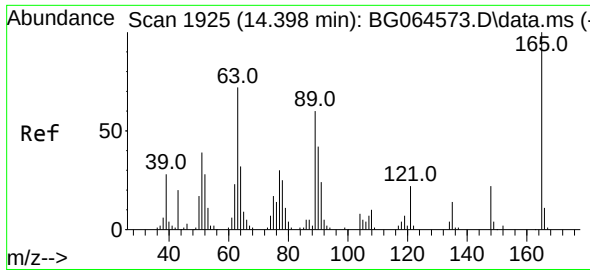
Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

164 9.9 7.7 11.5





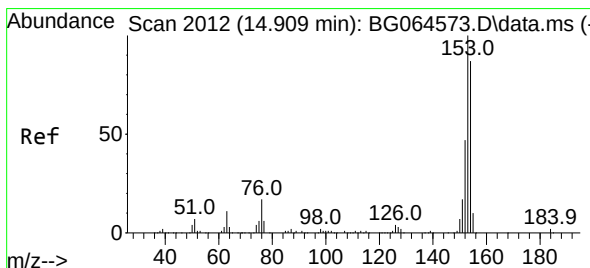
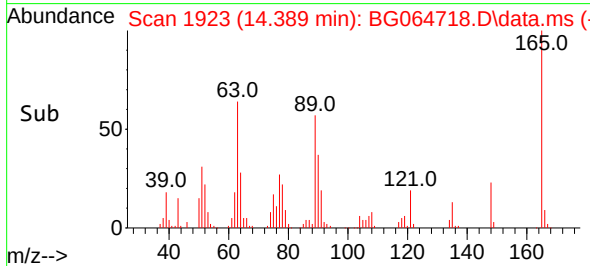
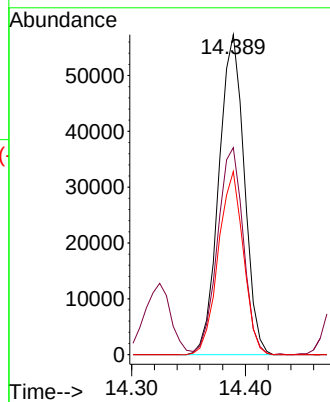
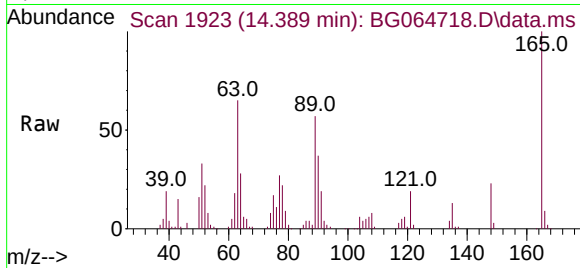
#51
2,6-Dinitrotoluene
Concen: 59.255 ng
RT: 14.389 min Scan# 1925
Delta R.T. -0.009 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Instrument :
BNA_G
ClientSampleId :
PB170446BS

Tgt Ion:165 Resp: 88904
Ion Ratio Lower Upper
165 100
63 64.7 57.4 86.0
89 57.2 47.8 71.8

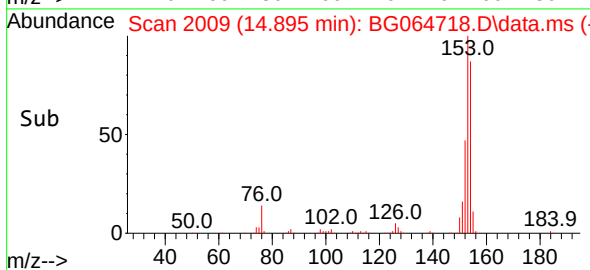
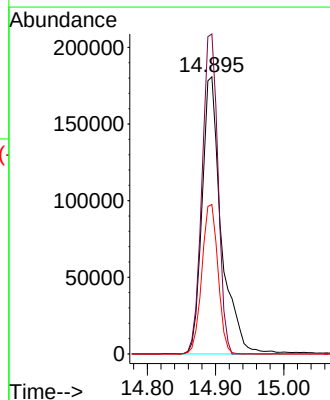
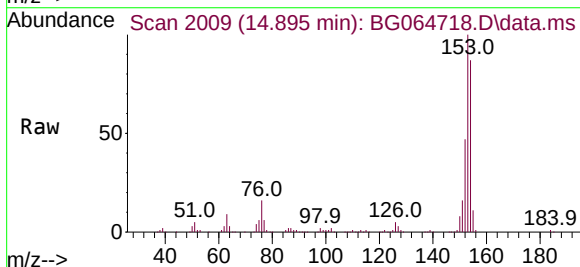
Manual Integrations
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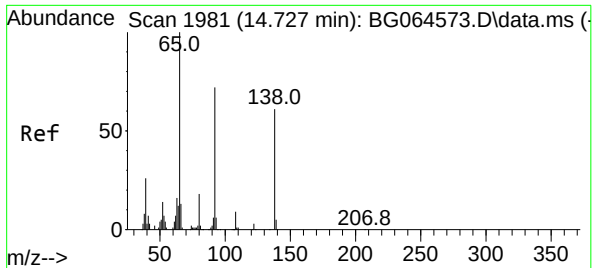
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#52
Acenaphthene
Concen: 52.469 ng
RT: 14.895 min Scan# 2009
Delta R.T. -0.014 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

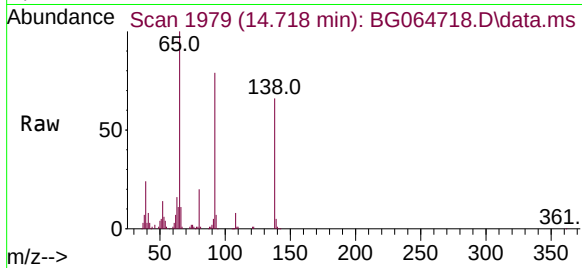
Tgt Ion:154 Resp: 355759
Ion Ratio Lower Upper
154 100
153 115.5 92.2 138.4
152 53.9 43.2 64.8





#53
3-Nitroaniline
Concen: 44.585 ng
RT: 14.718 min Scan# 1981
Delta R.T. -0.009 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

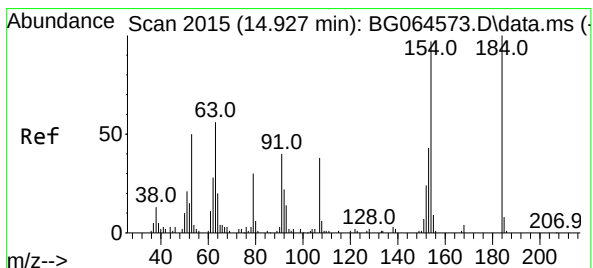
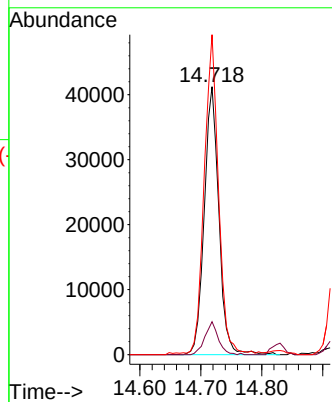
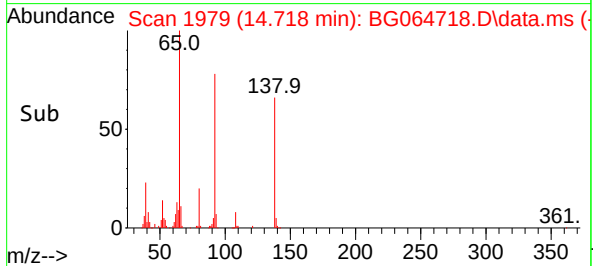
Instrument :
BNA_G
ClientSampleId :
PB170446BS



Tgt Ion:138 Resp: 68743
Ion Ratio Lower Upper
138 100
108 12.2 11.4 17.0
92 119.4 95.3 142.9

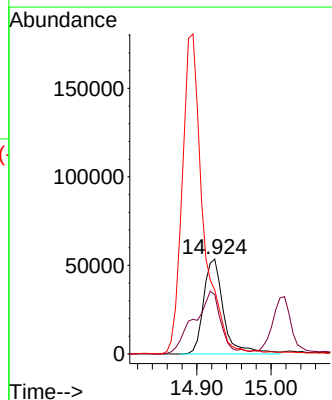
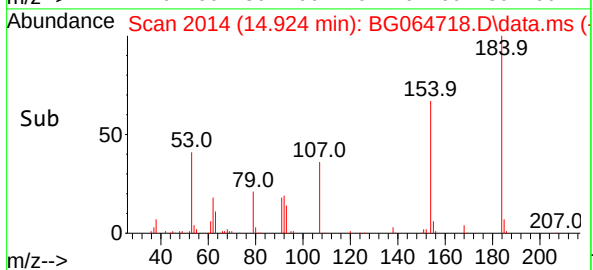
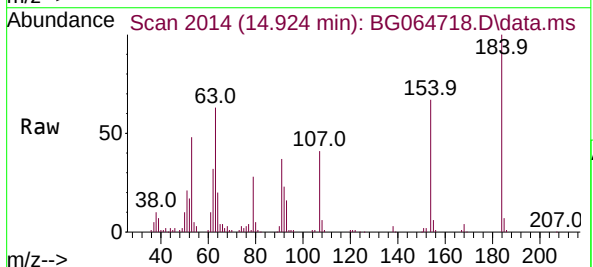
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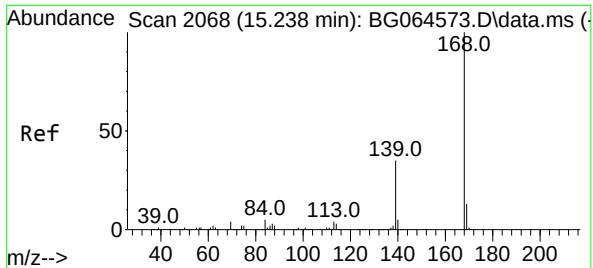
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#54
2,4-Dinitrophenol
Concen: 108.553 ng
RT: 14.924 min Scan# 2014
Delta R.T. -0.003 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

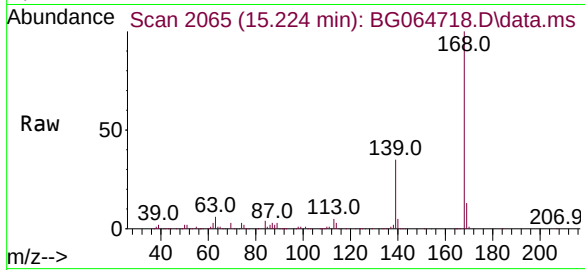
Tgt Ion:184 Resp: 100548
Ion Ratio Lower Upper
184 100
63 62.5 56.6 85.0
154 67.4 158.6 238.0#





#55
Dibenzenofuran
Concen: 47.501 ng
RT: 15.224 min Scan# 2065
Delta R.T. -0.015 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

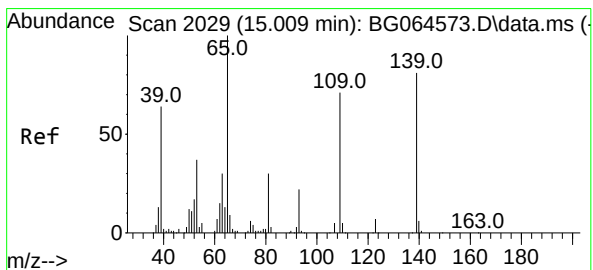
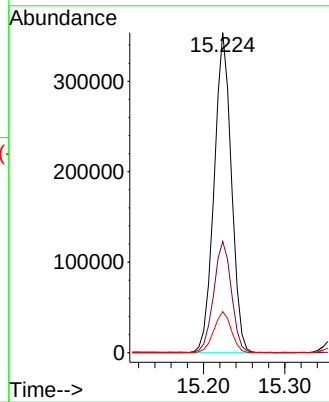
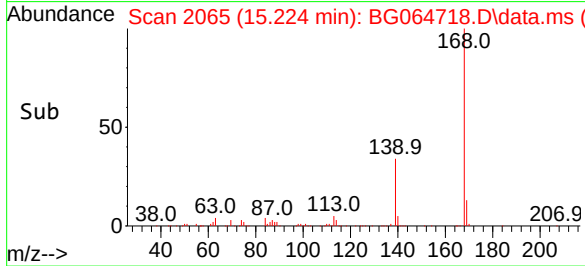
Instrument :
BNA_G
ClientSampleId :
PB170446BS



Tgt Ion:168 Resp: 520699
Ion Ratio Lower Upper
168 100
139 34.8 27.8 41.8
169 12.8 10.3 15.5

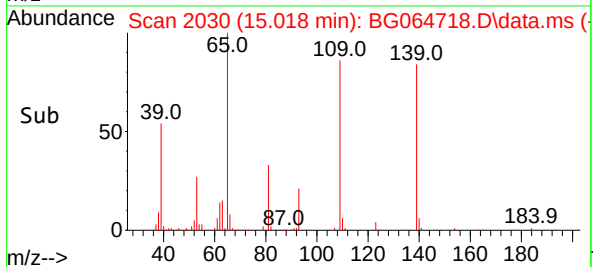
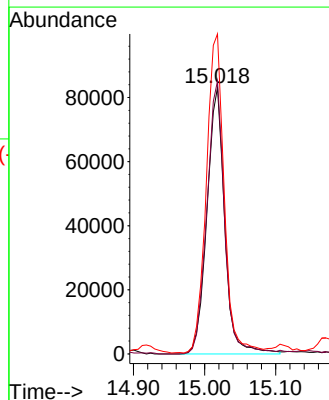
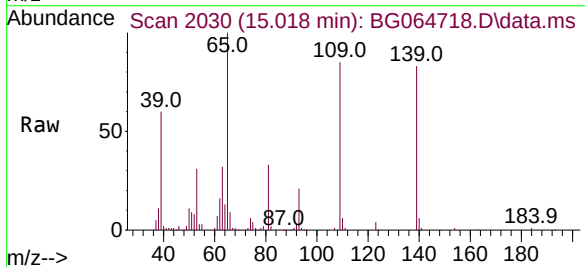
Manual Integrations
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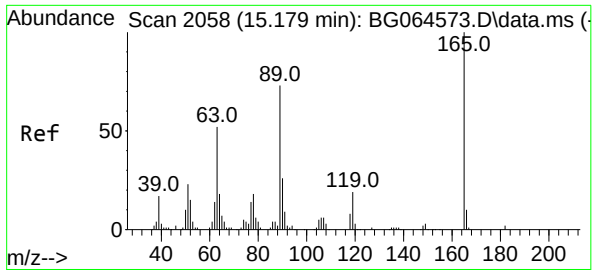
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#56
4-Nitrophenol
Concen: 100.317 ng
RT: 15.018 min Scan# 2030
Delta R.T. 0.009 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

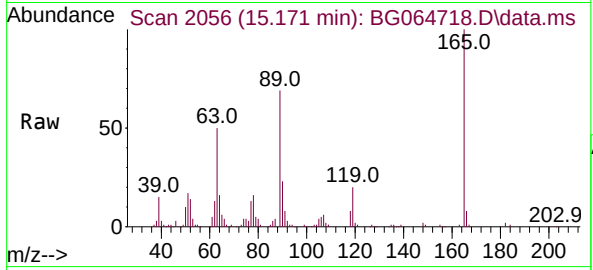
Tgt Ion:139 Resp: 143402
Ion Ratio Lower Upper
139 100
109 102.5 67.8 107.8
65 120.1 103.7 143.7





#57
2,4-Dinitrotoluene
Concen: 56.461 ng
RT: 15.171 min Scan# 2058
Delta R.T. -0.008 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

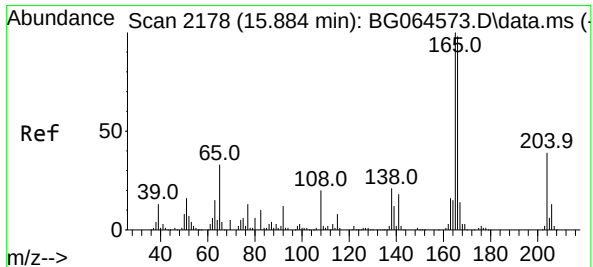
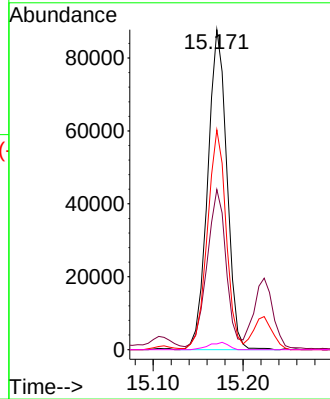
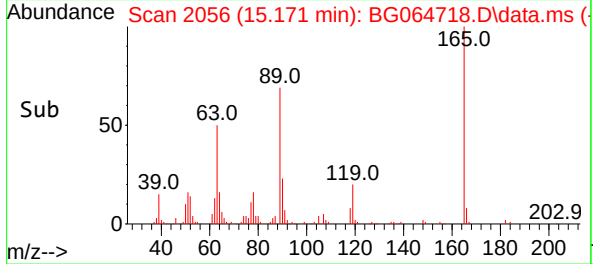
Instrument :
BNA_G
ClientSampleId :
PB170446BS



Tgt Ion:165 Resp: 130544
Ion Ratio Lower Upper
165 100
63 50.0 41.8 62.8
89 68.7 58.1 87.1
182 1.8 1.4 2.0

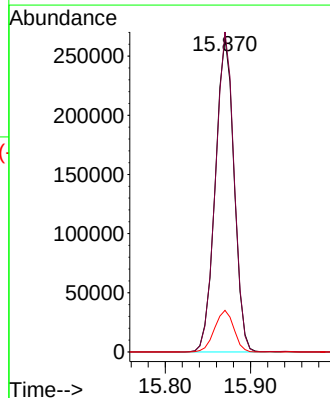
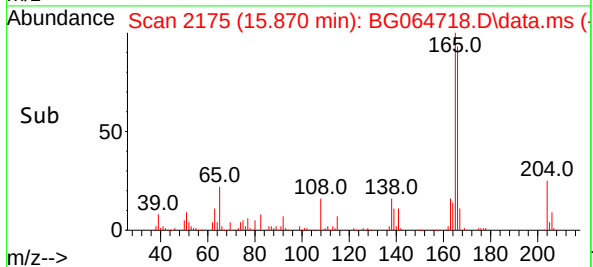
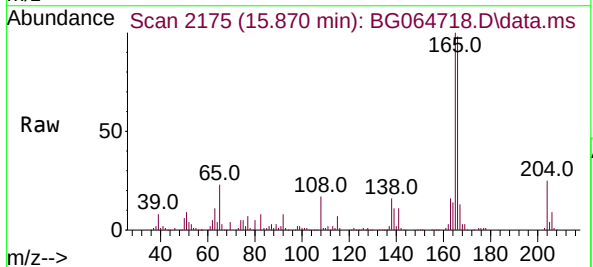
Manual Integrations
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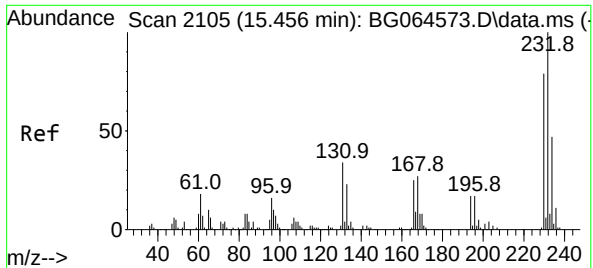
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#58
Fluorene
Concen: 47.355 ng
RT: 15.870 min Scan# 2175
Delta R.T. -0.015 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Tgt Ion:166 Resp: 405398
Ion Ratio Lower Upper
166 100
165 101.9 81.5 122.3
167 13.2 11.4 17.0





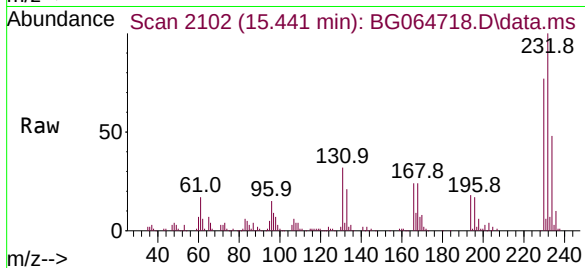
#59
2,3,4,6-Tetrachlorophenol
Concen: 61.680 ng
RT: 15.441 min Scan# 2105
Delta R.T. -0.015 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Instrument :

BNA_G

ClientSampleId :

PB170446BS

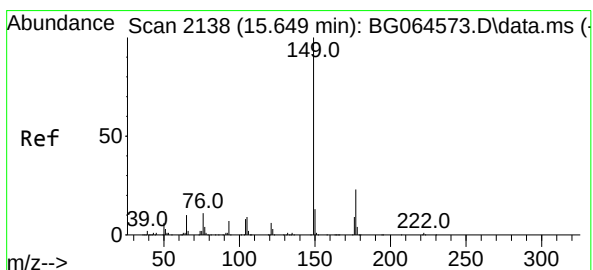
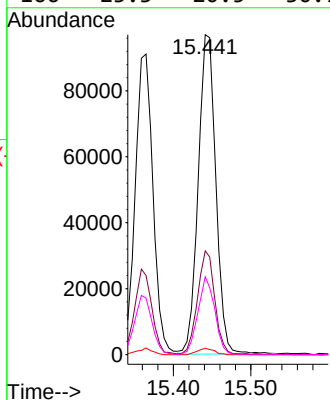
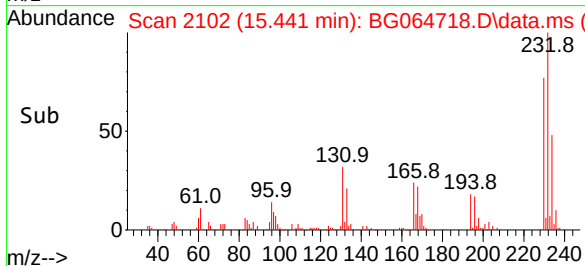


Tgt Ion:232 Resp: 153197
Ion Ratio Lower Upper
232 100
131 31.8 26.7 40.1
130 1.9 1.6 2.4
166 23.3 20.5 30.7

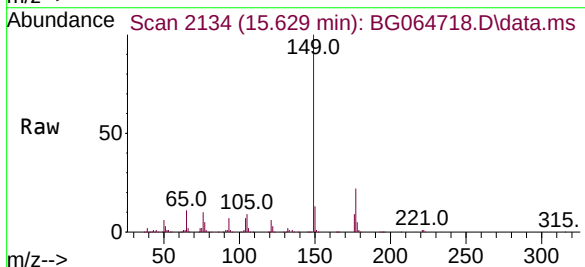
Manual Integrations

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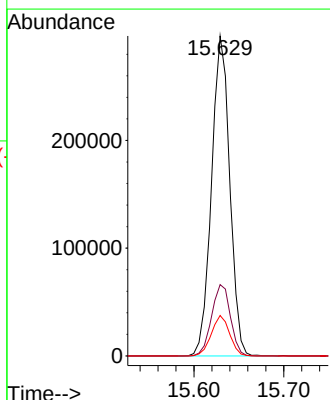
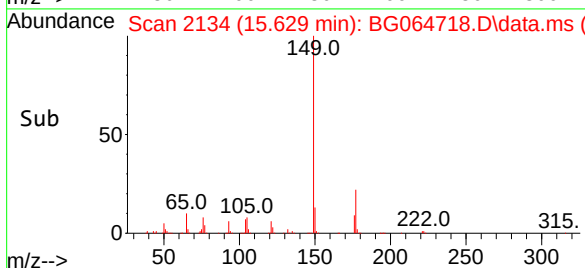
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

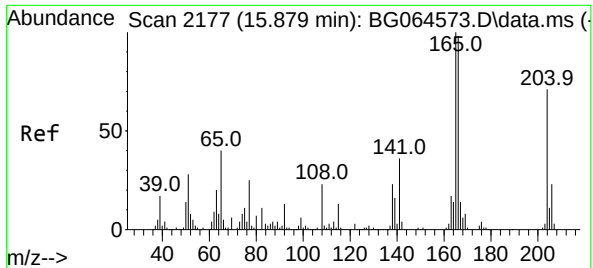


#60
Diethylphthalate
Concen: 45.803 ng
RT: 15.629 min Scan# 2134
Delta R.T. -0.020 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13



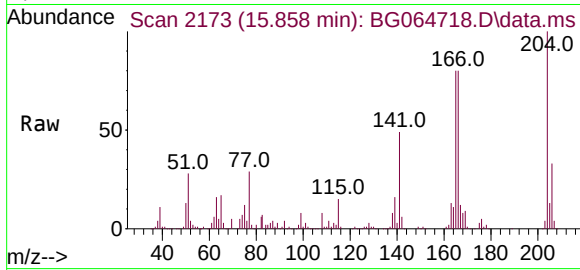
Tgt Ion:149 Resp: 419578
Ion Ratio Lower Upper
149 100
177 22.3 18.0 27.0
150 12.6 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 51.397 ng
RT: 15.858 min Scan# 2173
Delta R.T. -0.020 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

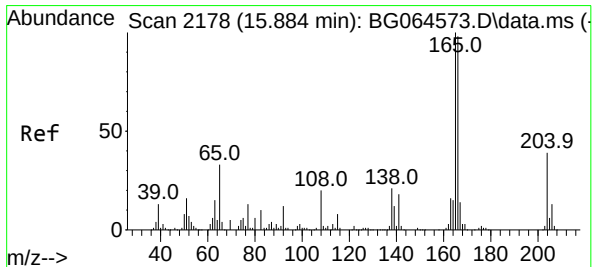
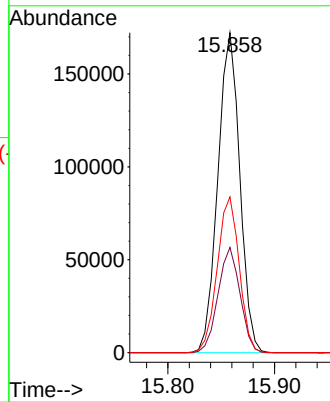
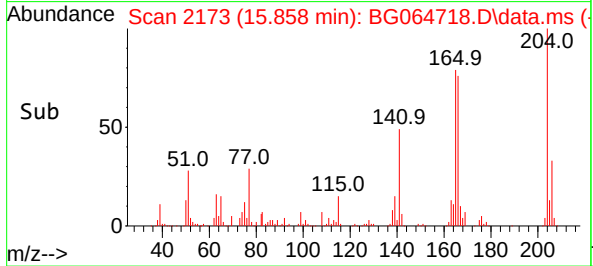
Instrument :
BNA_G
ClientSampleId :
PB170446BS



Tgt Ion:204 Resp: 246924
Ion Ratio Lower Upper
204 100
206 32.9 25.6 38.4
141 48.7 40.6 60.8

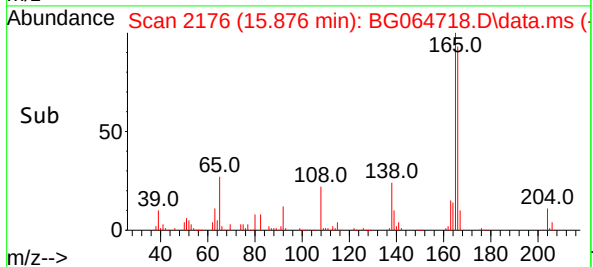
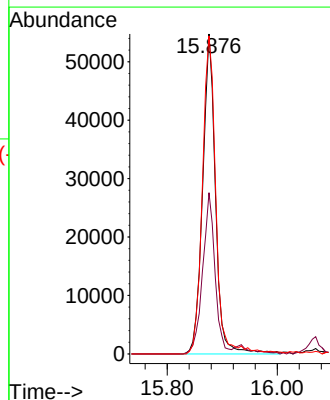
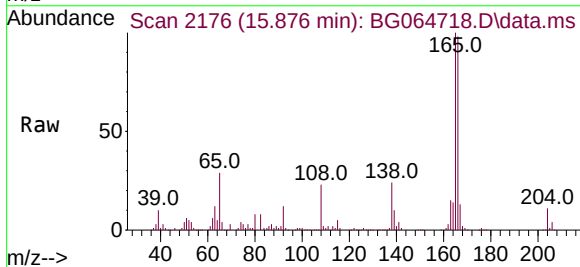
Manual Integrations
APPROVED

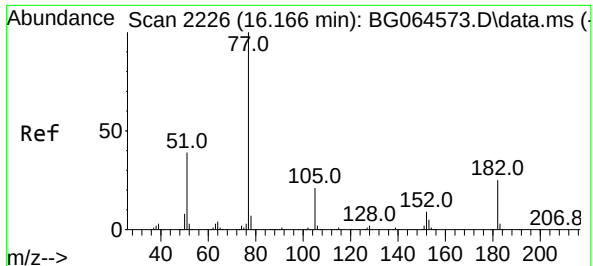
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#62
4-Nitroaniline
Concen: 51.689 ng
RT: 15.876 min Scan# 2176
Delta R.T. -0.009 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

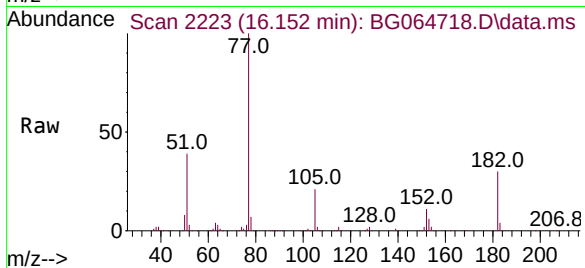
Tgt Ion:138 Resp: 88663
Ion Ratio Lower Upper
138 100
92 50.4 36.1 76.1
108 99.4 75.6 115.6





#63
Azobenzene
Concen: 42.039 ng
RT: 16.152 min Scan# 2226
Delta R.T. -0.015 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

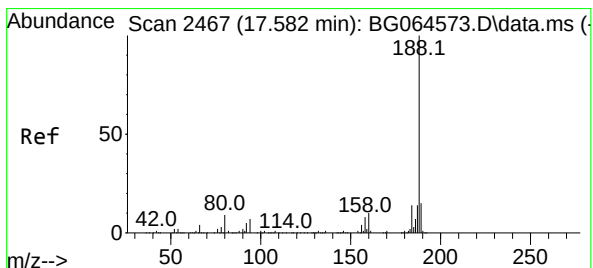
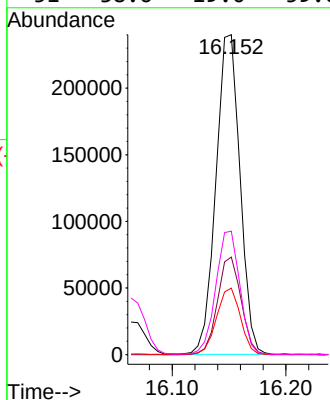
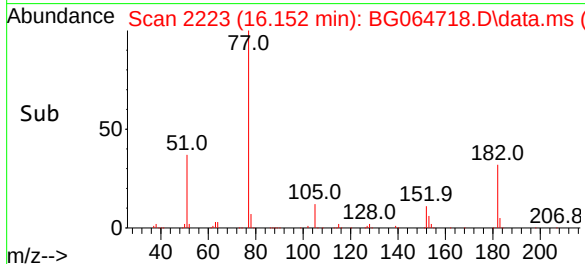
Instrument :
BNA_G
ClientSampleId :
PB170446BS



Tgt Ion: 77 Resp: 353338
Ion Ratio Lower Upper
77 100
182 30.5 4.9 44.9
105 20.8 1.3 41.3
51 38.6 19.0 59.0

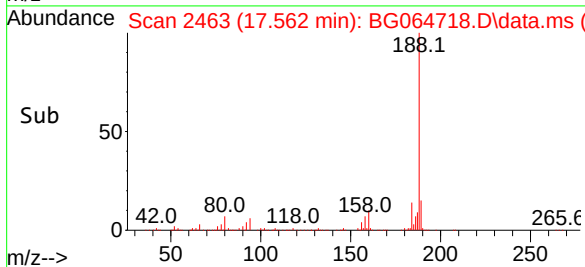
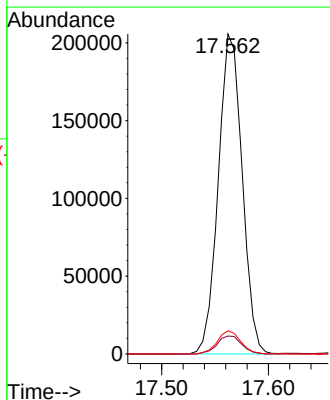
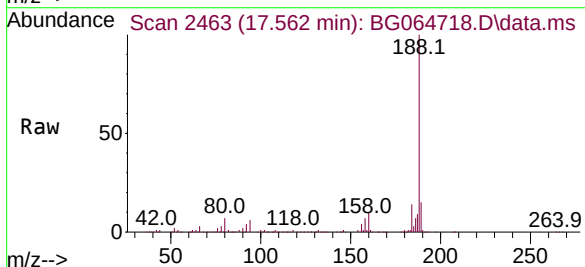
Manual Integrations
APPROVED

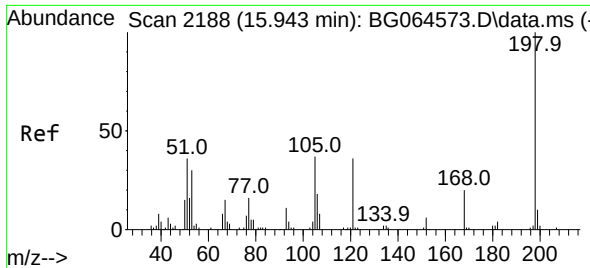
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.562 min Scan# 2463
Delta R.T. -0.020 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

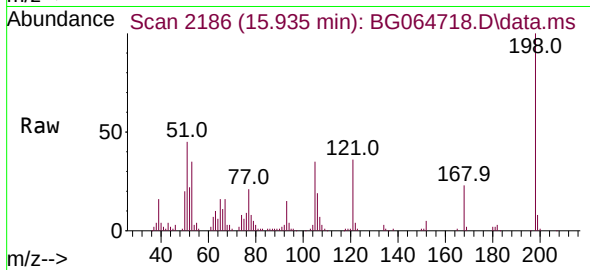
Tgt Ion:188 Resp: 320223
Ion Ratio Lower Upper
188 100
94 5.6 5.7 8.5#
80 7.2 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 55.745 ng
RT: 15.935 min Scan# 2188
Delta R.T. -0.008 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

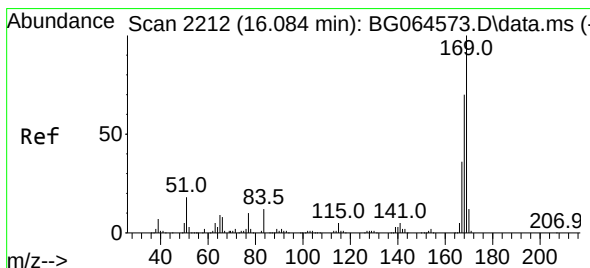
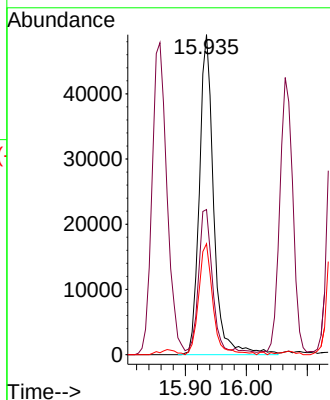
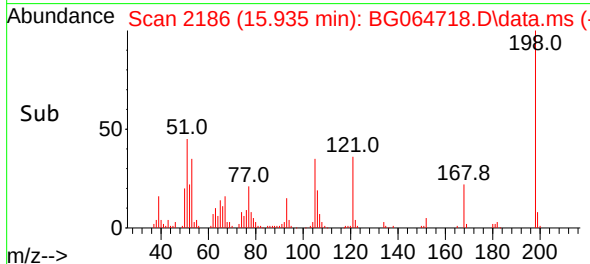
Instrument :
BNA_G
ClientSampleId :
PB170446BS



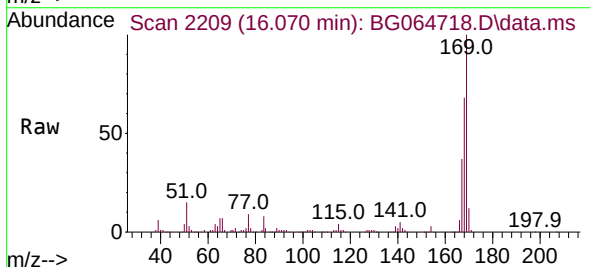
Tgt Ion:198 Resp: 7994
Ion Ratio Lower Upper
198 100
51 45.3 24.7 64.7
105 34.6 18.0 58.0

Manual Integrations
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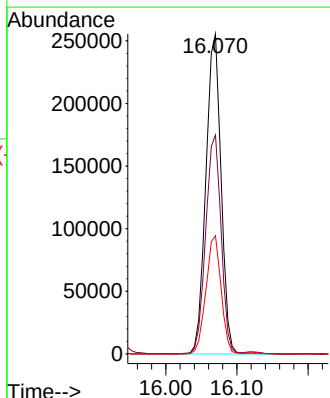
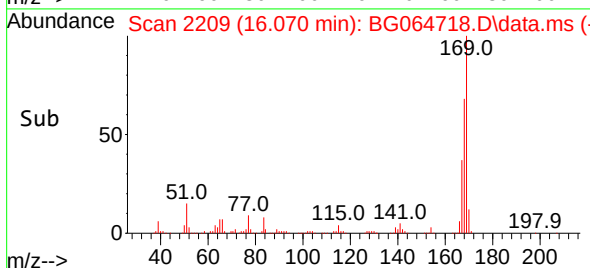
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

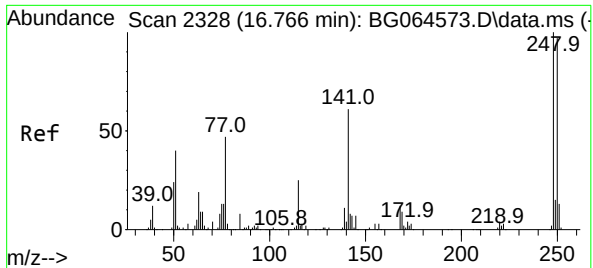


#66
n-Nitrosodiphenylamine
Concen: 43.730 ng
RT: 16.070 min Scan# 2209
Delta R.T. -0.015 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13



Tgt Ion:169 Resp: 378263
Ion Ratio Lower Upper
169 100
168 68.4 56.3 84.5
167 36.9 29.0 43.6





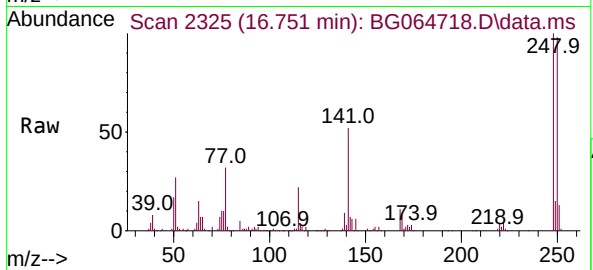
#67
4-Bromophenyl-phenylether
Concen: 49.276 ng
RT: 16.751 min Scan# 2325
Delta R.T. -0.015 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Instrument :

BNA_G

ClientSampleId :

PB170446BS

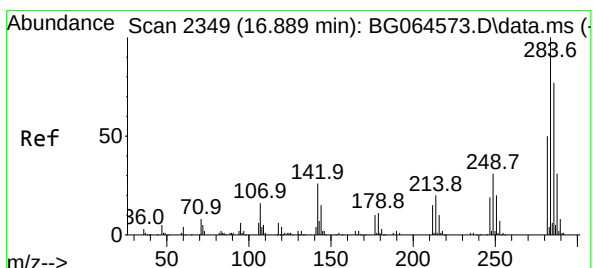
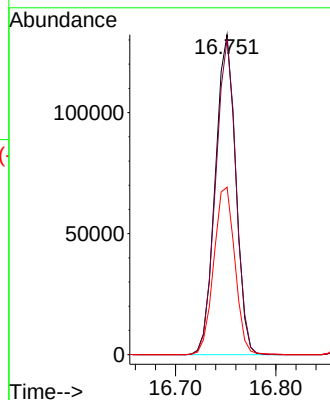
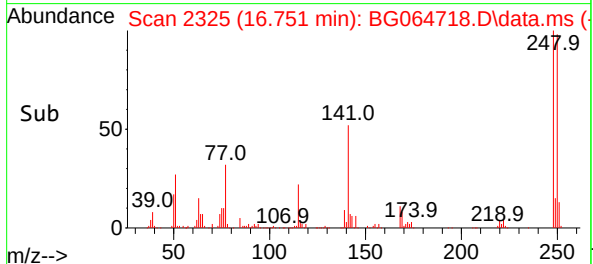


Tgt Ion:248 Resp: 186989
Ion Ratio Lower Upper
248 100
250 98.4 77.7 116.5
141 52.3 48.6 72.8

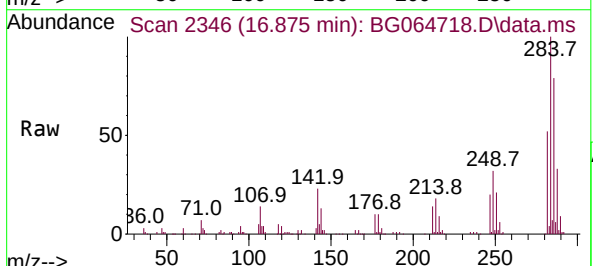
Manual Integrations

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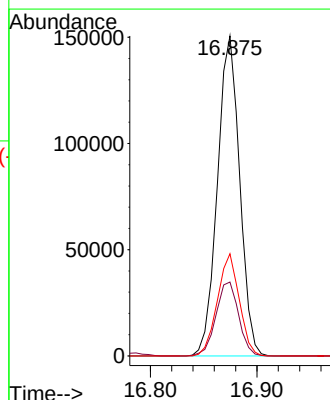
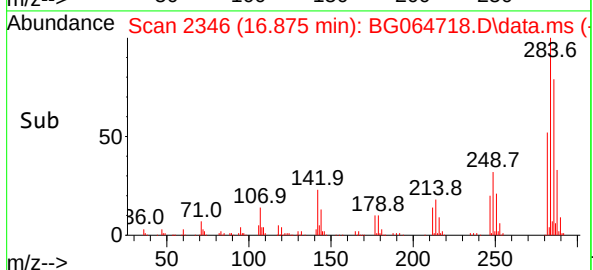
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

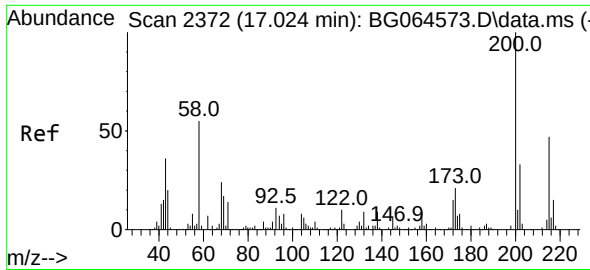


#68
Hexachlorobenzene
Concen: 50.531 ng
RT: 16.875 min Scan# 2346
Delta R.T. -0.015 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13



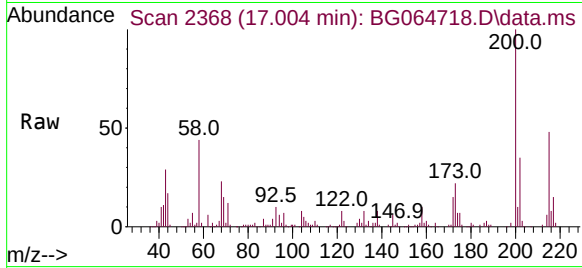
Tgt Ion:284 Resp: 218758
Ion Ratio Lower Upper
284 100
142 23.1 21.0 31.6
249 34.2 24.9 37.3





#69
 Atrazine
 Concen: 29.225 ng
 RT: 17.004 min Scan# 2372
 Delta R.T. -0.020 min
 Lab File: BG064718.D
 Acq: 7 Nov 2025 16:13

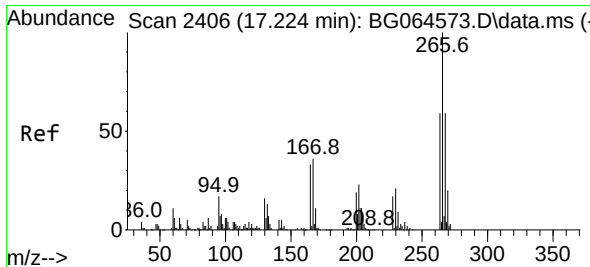
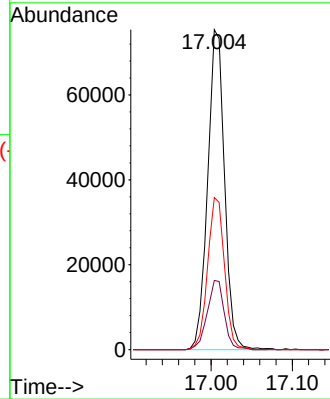
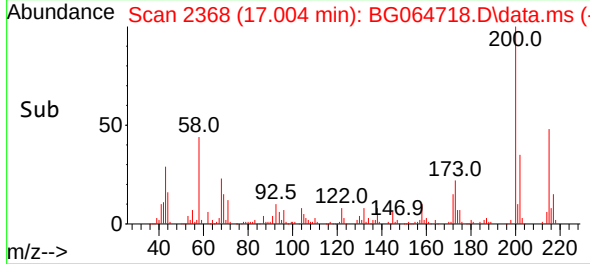
Instrument :
 BNA_G
 ClientSampleId :
 PB170446BS



Tgt Ion:200 Resp: 108790
 Ion Ratio Lower Upper
 200 100
 173 21.6 0.9 40.9
 215 47.5 27.0 67.0

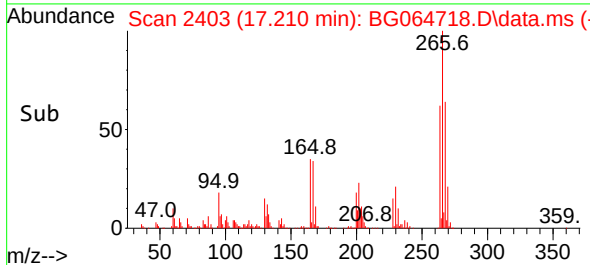
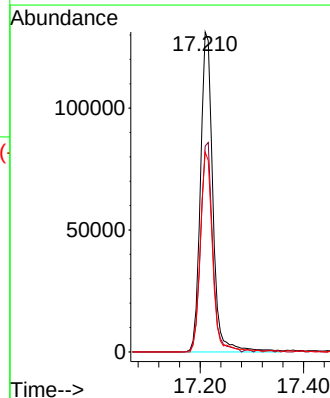
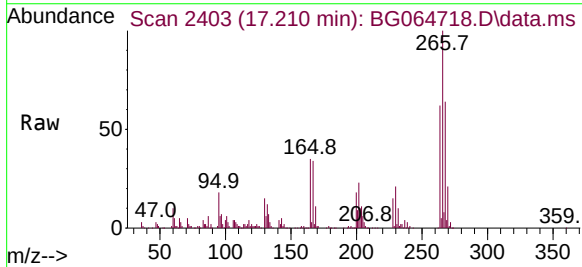
Manual Integrations
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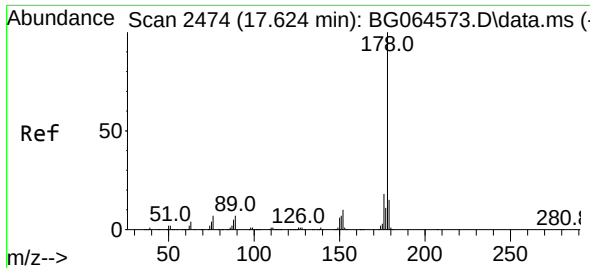
Reviewed By :Rahul Chavli 11/10/2025
 Supervised By :Jagrut Upadhyay 11/10/2025



#70
 Pentachlorophenol
 Concen: 80.540 ng
 RT: 17.210 min Scan# 2403
 Delta R.T. -0.015 min
 Lab File: BG064718.D
 Acq: 7 Nov 2025 16:13

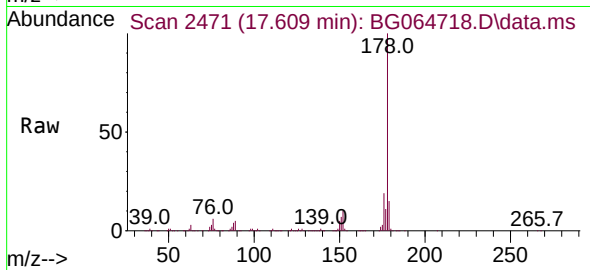
Tgt Ion:266 Resp: 217428
 Ion Ratio Lower Upper
 266 100
 268 64.3 50.3 75.5
 264 67.0 47.3 70.9





#71
Phenanthrene
Concen: 43.245 ng
RT: 17.609 min Scan# 2471
Delta R.T. -0.015 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

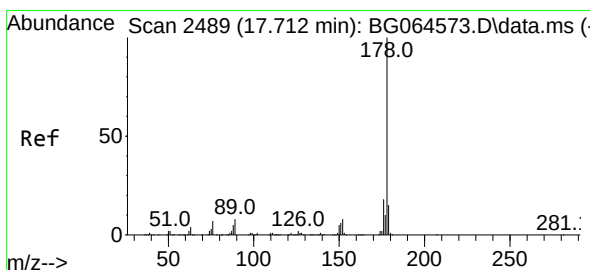
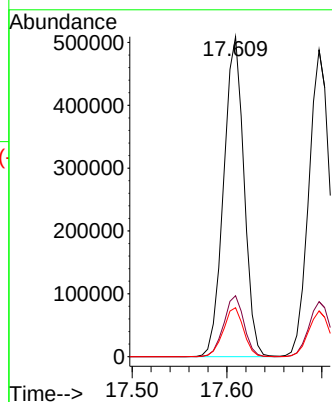
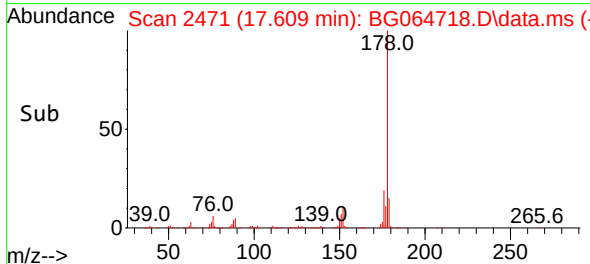
Instrument :
BNA_G
ClientSampleId :
PB170446BS



Tgt Ion:178 Resp: 75728
Ion Ratio Lower Upper
178 100
176 19.0 14.7 22.1
179 15.3 12.2 18.4

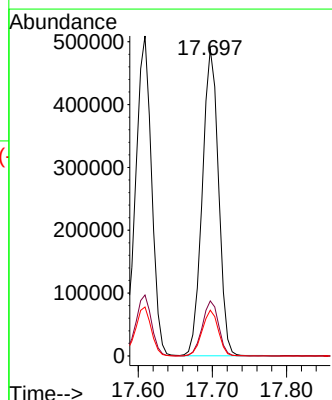
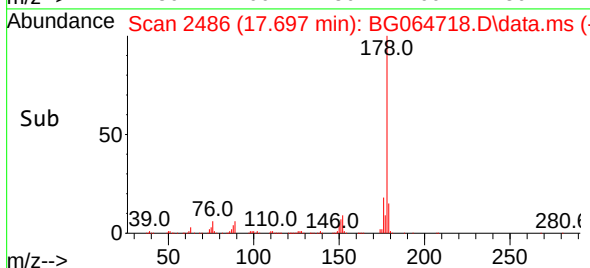
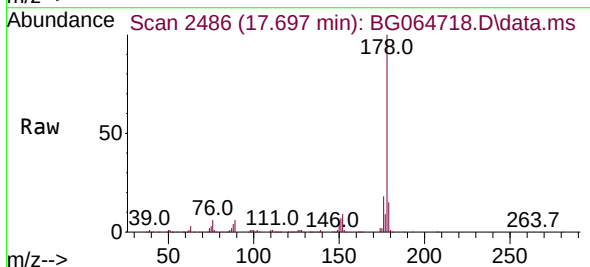
Manual Integrations
APPROVED

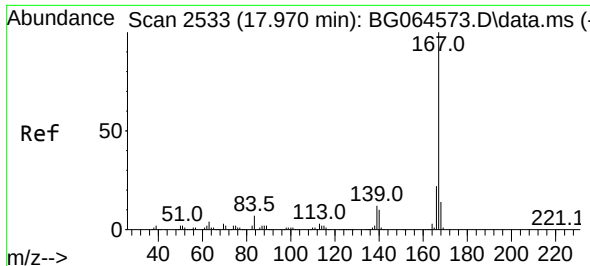
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#72
Anthracene
Concen: 41.708 ng
RT: 17.697 min Scan# 2486
Delta R.T. -0.015 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Tgt Ion:178 Resp: 742963
Ion Ratio Lower Upper
178 100
176 17.9 14.4 21.6
179 14.9 12.4 18.6





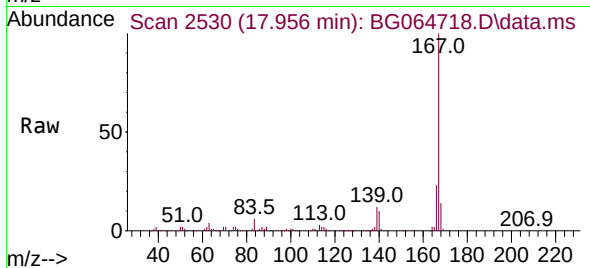
#73
Carbazole
Concen: 41.002 ng
RT: 17.956 min Scan# 2533
Delta R.T. -0.015 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Instrument :

BNA_G

ClientSampleId :

PB170446BS

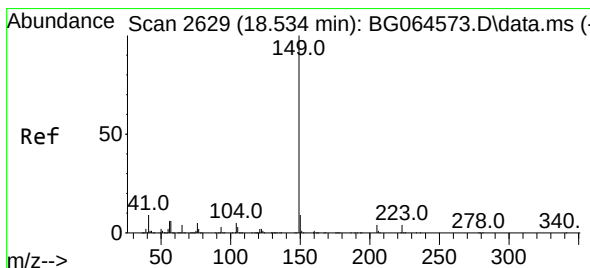
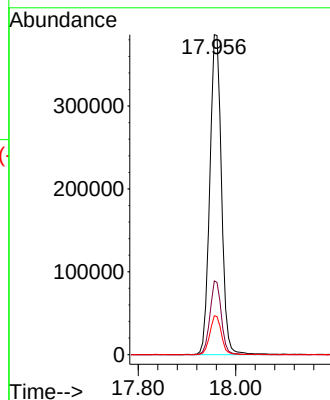
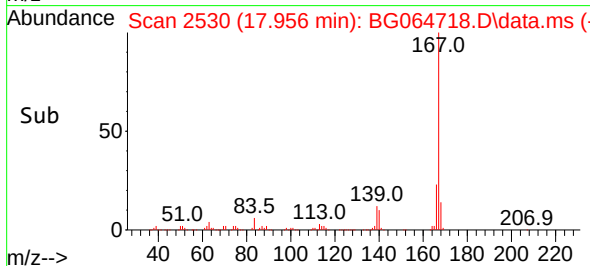


Tgt Ion:167 Resp: 644075
Ion Ratio Lower Upper
167 100
166 23.0 17.9 26.9
139 12.1 9.7 14.5

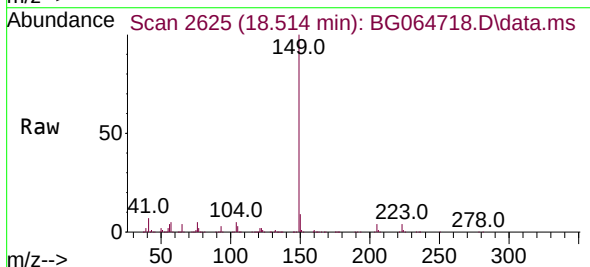
Manual Integrations

APPROVED

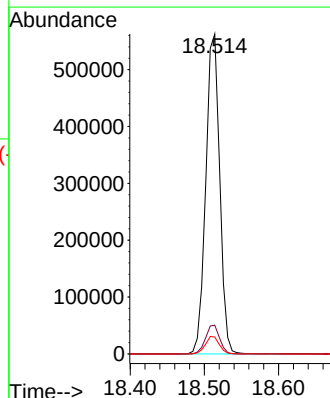
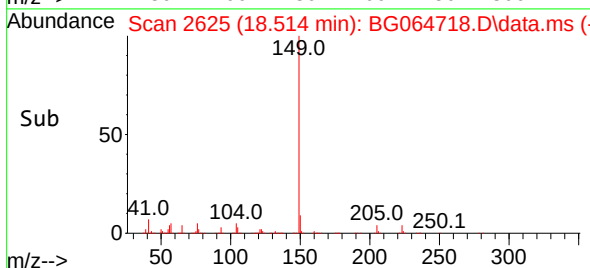
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

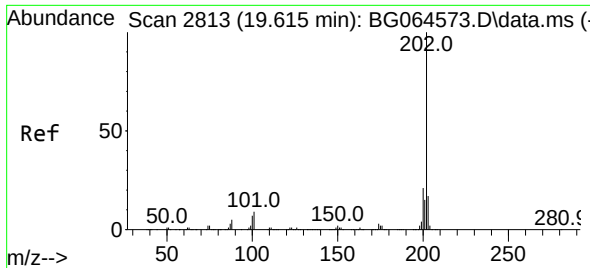


#74
Di-n-butylphthalate
Concen: 40.341 ng
RT: 18.514 min Scan# 2625
Delta R.T. -0.020 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13



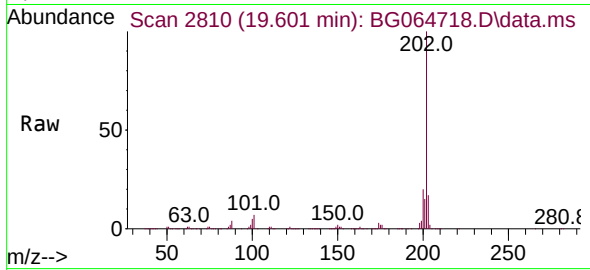
Tgt Ion:149 Resp: 732775
Ion Ratio Lower Upper
149 100
150 9.0 7.0 10.6
104 5.3 4.1 6.1





#75
Fluoranthene
Concen: 43.690 ng
RT: 19.601 min Scan# 2813
Delta R.T. -0.015 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

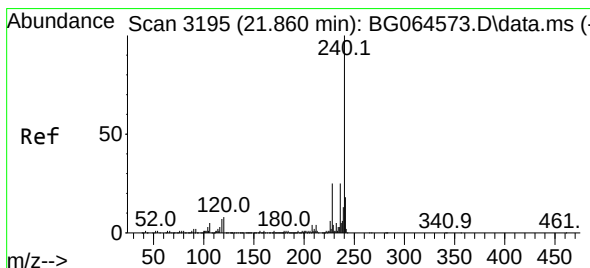
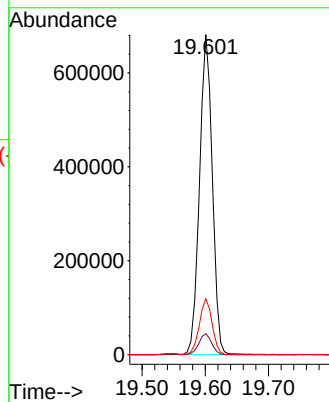
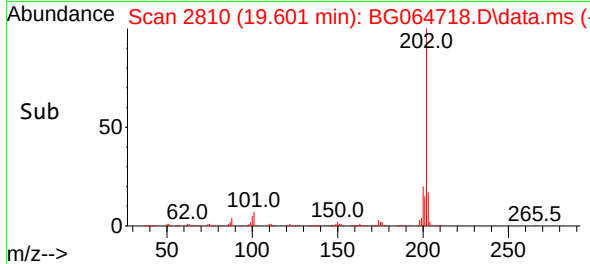
Instrument :
BNA_G
ClientSampleId :
PB170446BS



Tgt Ion:202 Resp: 95845
Ion Ratio Lower Upper
202 100
101 6.5 0.0 28.7
203 17.4 0.0 37.0

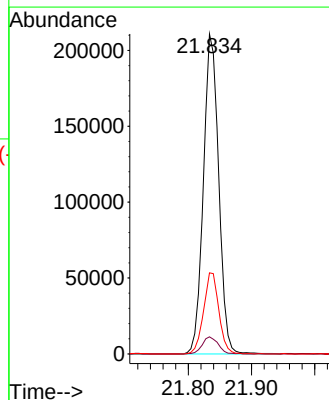
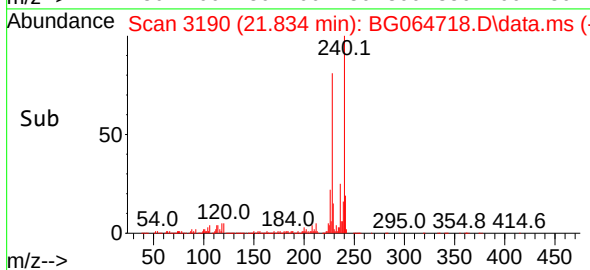
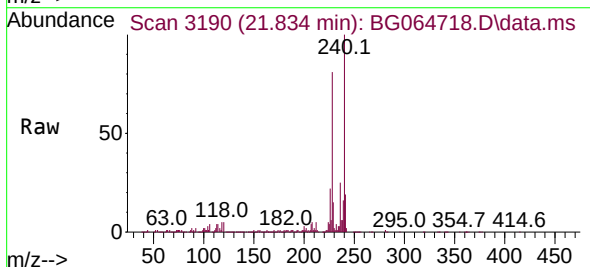
Manual Integrations
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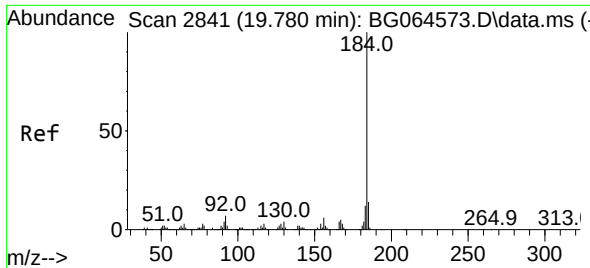
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.834 min Scan# 3190
Delta R.T. -0.026 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Tgt Ion:240 Resp: 354211
Ion Ratio Lower Upper
240 100
120 5.3 6.5 9.7#
236 25.3 20.2 30.2





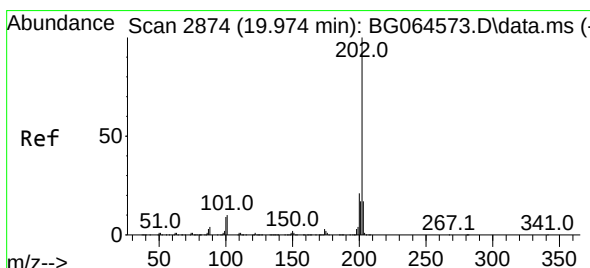
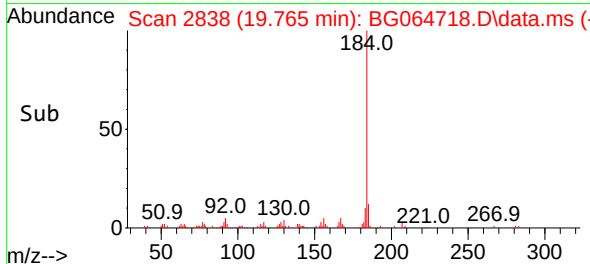
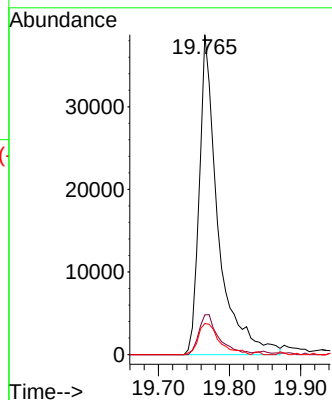
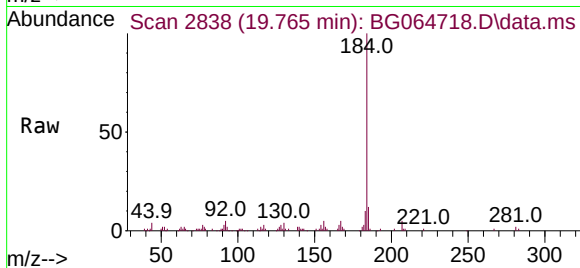
#77
Benzidine
Concen: 8.927 ng
RT: 19.765 min Scan# 2841
Delta R.T. -0.015 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Instrument :
BNA_G
ClientSampleId :
PB170446BS

Tgt Ion:184 Resp: 70842
Ion Ratio Lower Upper
184 100
185 12.4 11.4 17.2
183 9.7 9.4 14.2

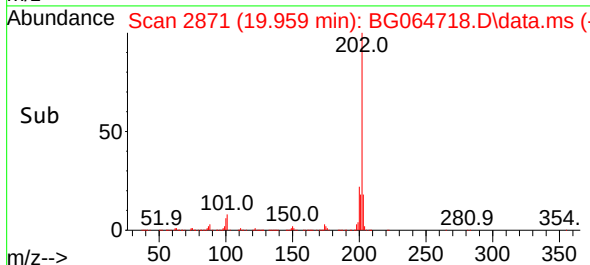
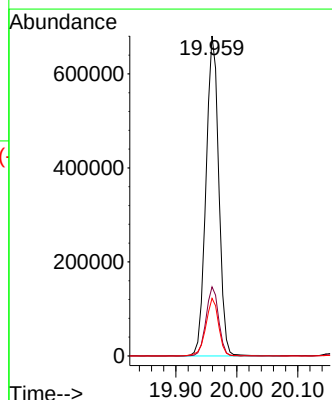
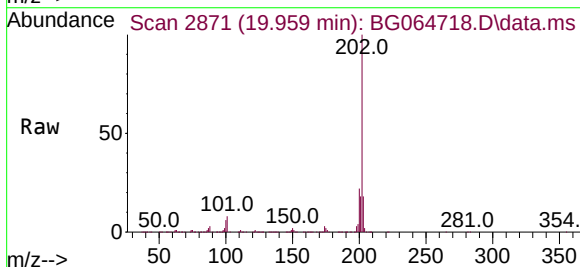
Manual Integrations
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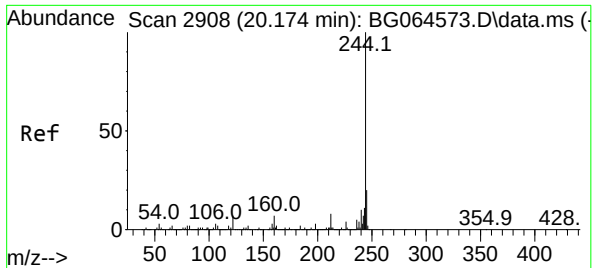
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#78
Pyrene
Concen: 42.790 ng
RT: 19.959 min Scan# 2871
Delta R.T. -0.015 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

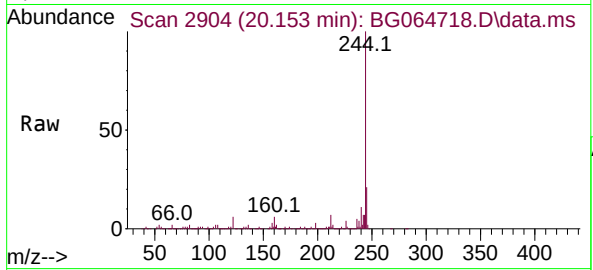
Tgt Ion:202 Resp: 990260
Ion Ratio Lower Upper
202 100
200 21.6 17.0 25.4
203 18.0 13.8 20.6





#79
 Terphenyl-d14
 Concen: 94.383 ng
 RT: 20.153 min Scan# 2908
 Delta R.T. -0.020 min
 Lab File: BG064718.D
 Acq: 7 Nov 2025 16:13

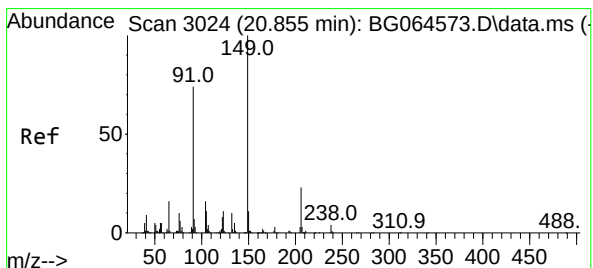
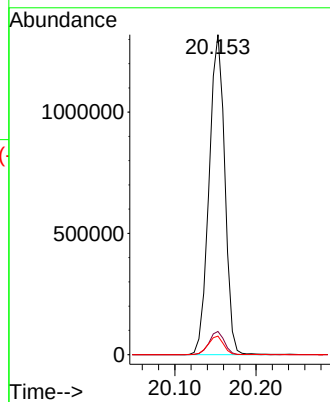
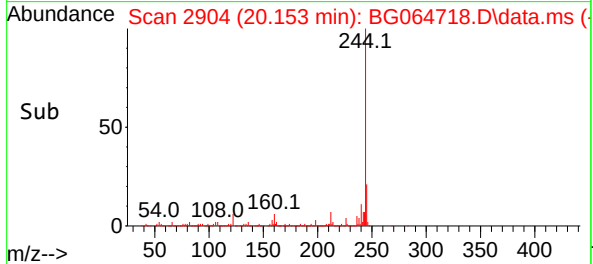
Instrument :
 BNA_G
 ClientSampleId :
 PB170446BS



Tgt Ion:244 Resp: 1771527
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 5.8 5.6 8.4

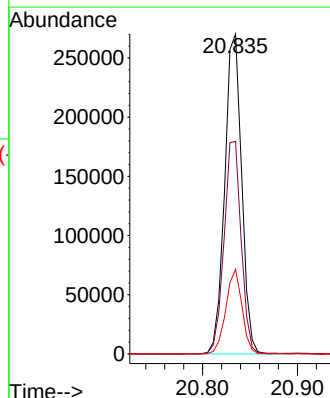
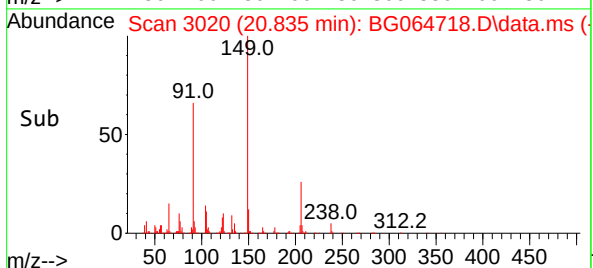
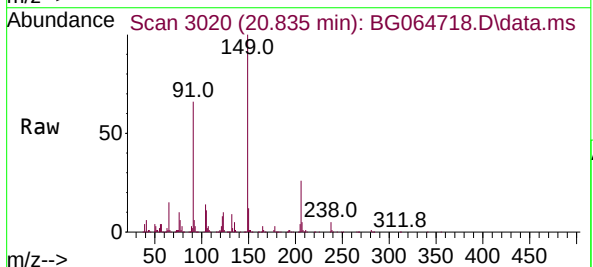
Manual Integrations
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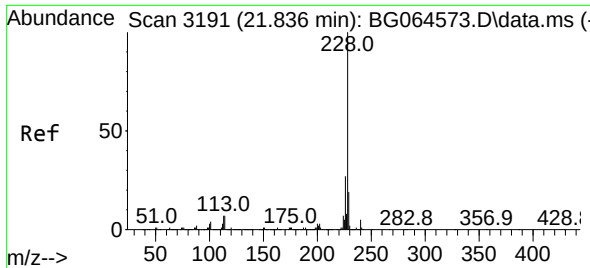
Reviewed By :Rahul Chavli 11/10/2025
 Supervised By :Jagrut Upadhyay 11/10/2025



#80
 Butylbenzylphthalate
 Concen: 47.861 ng
 RT: 20.835 min Scan# 3020
 Delta R.T. -0.020 min
 Lab File: BG064718.D
 Acq: 7 Nov 2025 16:13

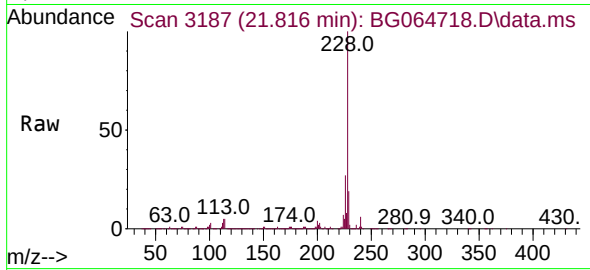
Tgt Ion:149 Resp: 334761
 Ion Ratio Lower Upper
 149 100
 91 66.4 59.2 88.8
 206 26.4 18.1 27.1





#81
Benzo(a)anthracene
Concen: 47.727 ng
RT: 21.816 min Scan# 3191
Delta R.T. -0.020 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

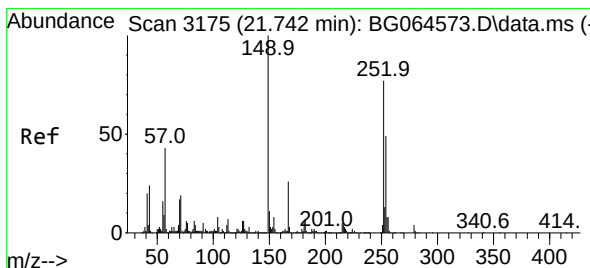
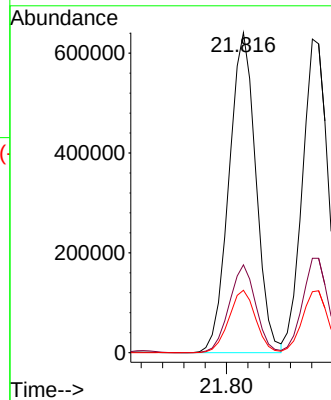
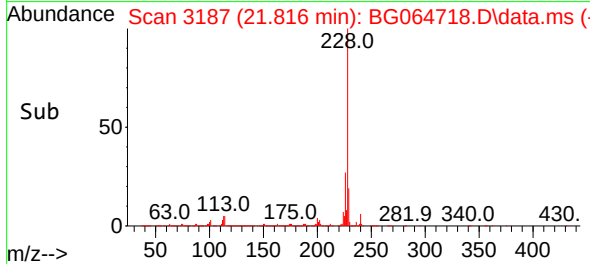
Instrument :
BNA_G
ClientSampleId :
PB170446BS



Tgt Ion:228 Resp: 1120923
Ion Ratio Lower Upper
228 100
226 27.4 21.9 32.9
229 19.5 15.6 23.4

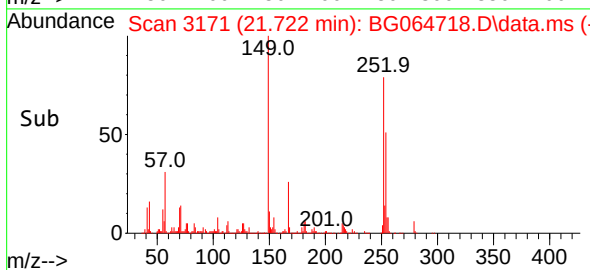
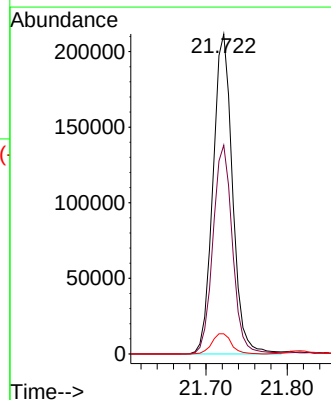
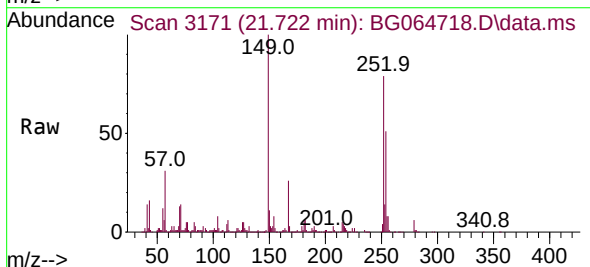
Manual Integrations
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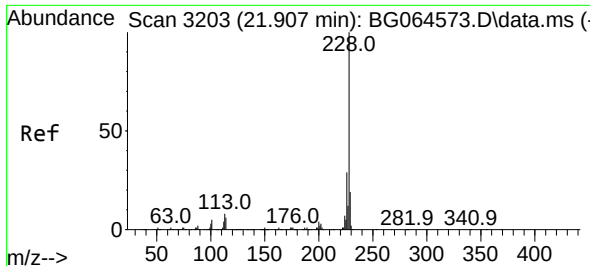
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#82
3,3'-Dichlorobenzidine
Concen: 45.010 ng
RT: 21.722 min Scan# 3171
Delta R.T. -0.020 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

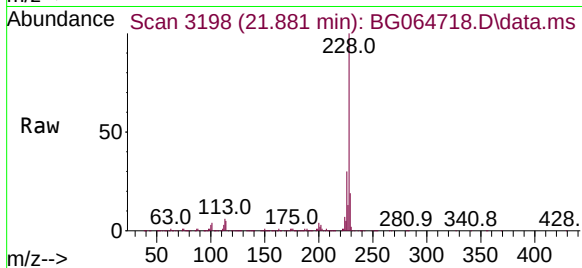
Tgt Ion:252 Resp: 353006
Ion Ratio Lower Upper
252 100
254 65.2 50.8 76.2
126 6.3 5.8 8.6





#83
Chrysene
Concen: 47.176 ng
RT: 21.881 min Scan# 31
Delta R.T. -0.026 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

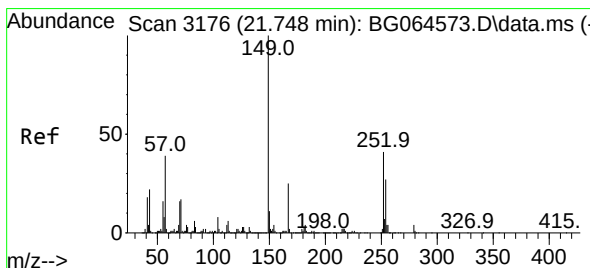
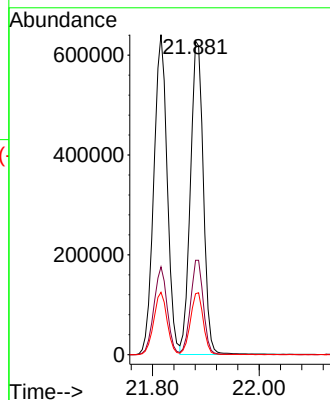
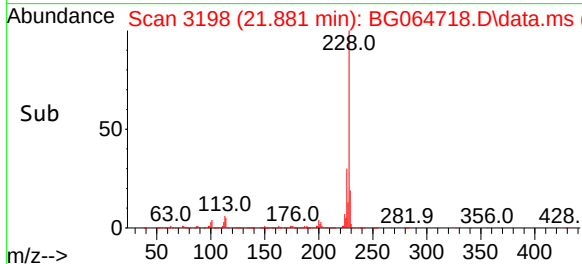
Instrument :
BNA_G
ClientSampleId :
PB170446BS



Tgt Ion:228 Resp: 1054272
Ion Ratio Lower Upper
228 100
226 30.1 23.3 34.9
229 19.4 15.2 22.8

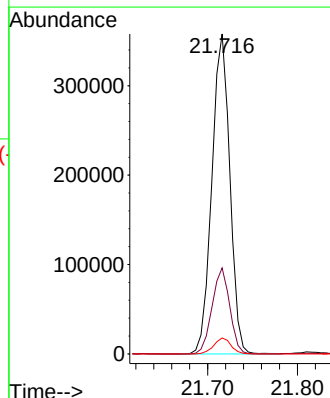
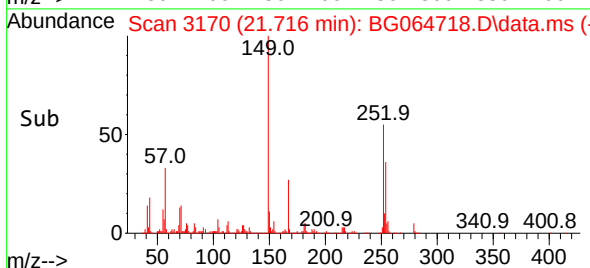
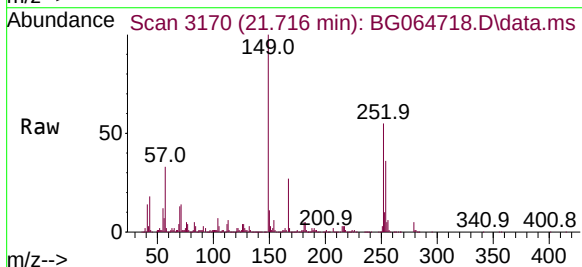
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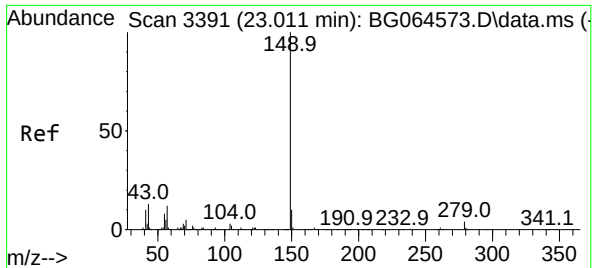
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.452 ng
RT: 21.716 min Scan# 3170
Delta R.T. -0.032 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

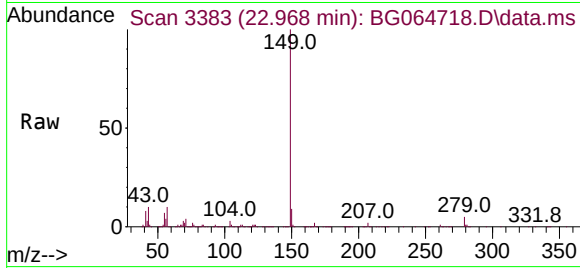
Tgt Ion:149 Resp: 495941
Ion Ratio Lower Upper
149 100
167 26.9 20.0 30.0
279 5.0 3.1 4.7#





#85
Di-n-octyl phthalate
Concen: 49.137 ng
RT: 22.968 min Scan# 3391
Delta R.T. -0.044 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

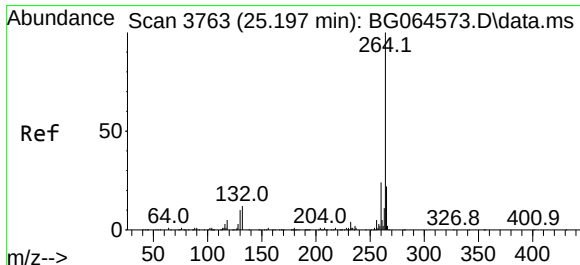
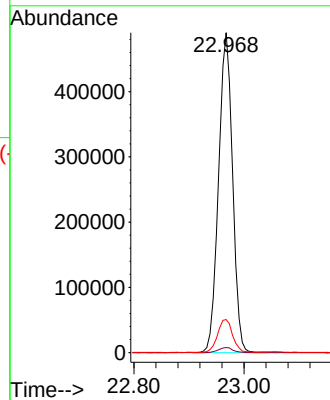
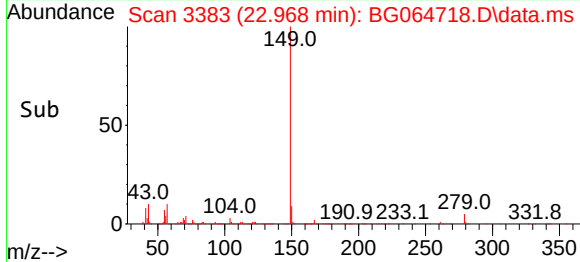
Instrument :
BNA_G
ClientSampleId :
PB170446BS



Tgt Ion:149 Resp: 865838
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.1 10.8 16.2

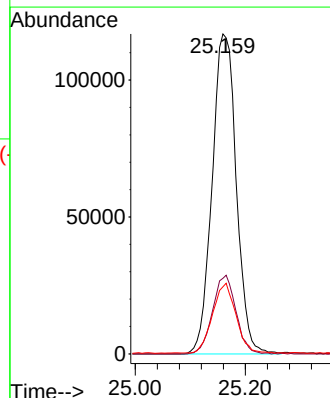
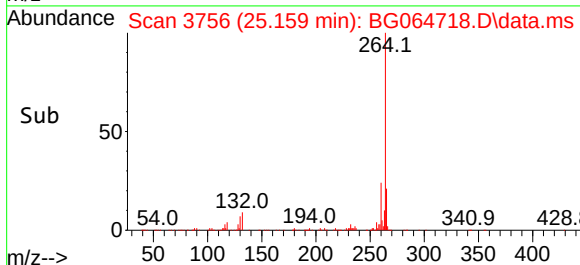
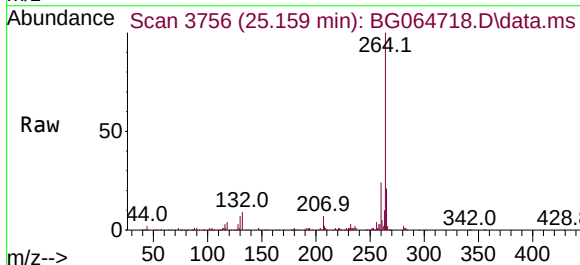
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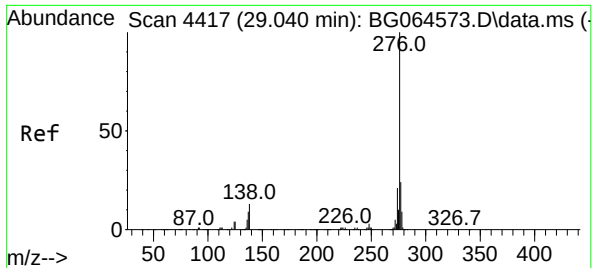
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.159 min Scan# 3756
Delta R.T. -0.038 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

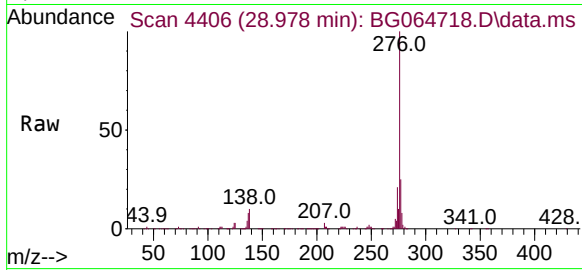
Tgt Ion:264 Resp: 356180
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.4
265 21.0 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 52.630 ng
RT: 28.978 min Scan# 4417
Delta R.T. -0.062 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

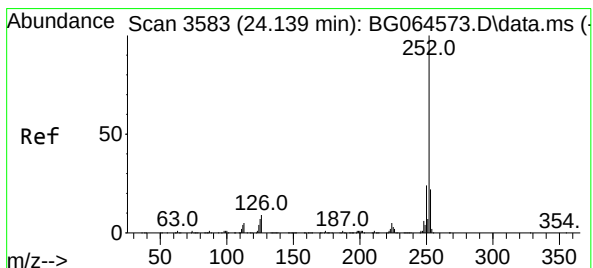
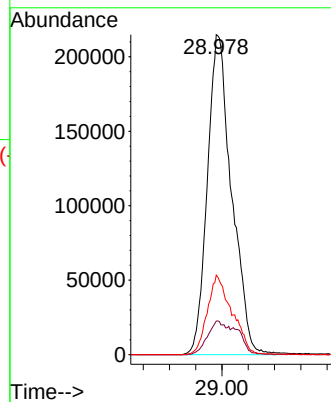
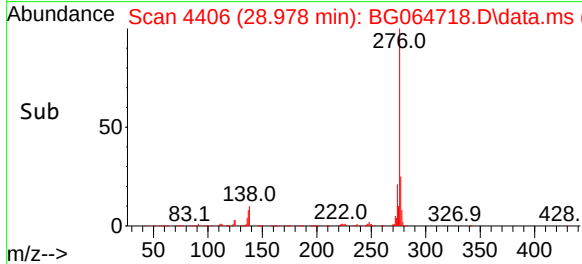
Instrument :
BNA_G
ClientSampleId :
PB170446BS



Tgt Ion:276 Resp: 1379002
Ion Ratio Lower Upper
276 100
138 9.1 10.8 16.2
277 25.2 20.1 30.1

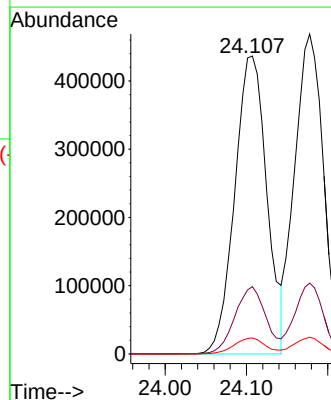
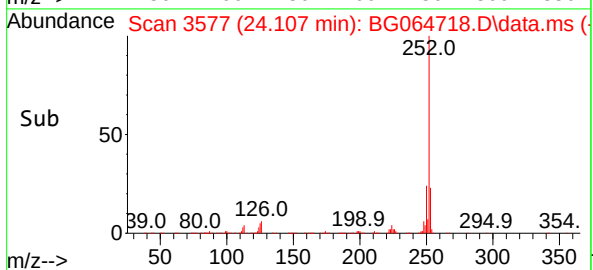
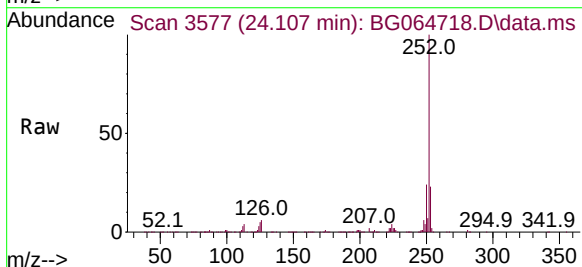
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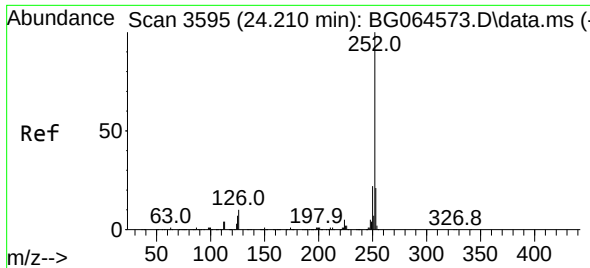
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#88
Benzo(b)fluoranthene
Concen: 54.952 ng
RT: 24.107 min Scan# 3577
Delta R.T. -0.032 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Tgt Ion:252 Resp: 1200201
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 5.4 5.6 8.4





#89

Benzo(k)fluoranthene

Concen: 53.019 ng m

RT: 24.178 min Scan# 3589

Delta R.T. -0.032 min

Lab File: BG064718.D

Acq: 7 Nov 2025 16:13

Instrument :

BNA_G

ClientSampleId :

PB170446BS

Tgt Ion:252 Resp: 1158776

Ion Ratio Lower Upper

252 100

253 22.1 16.8 25.2

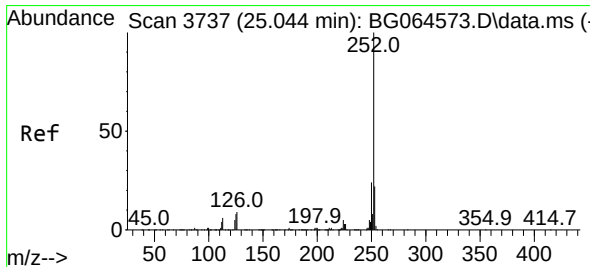
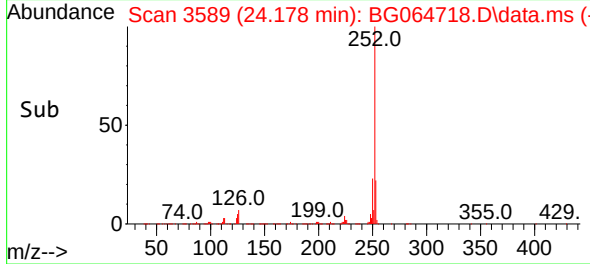
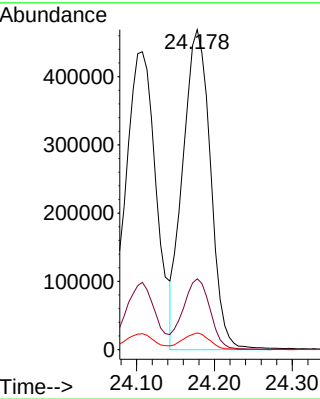
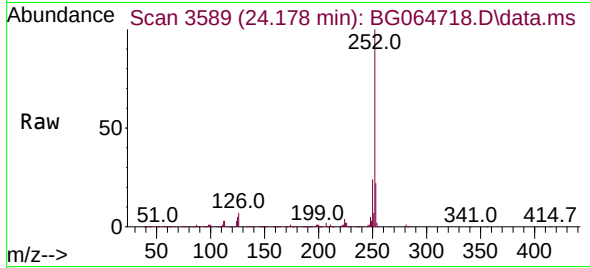
125 5.2 5.4 8.0

Manual Integrations

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Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#90

Benzo(a)pyrene

Concen: 49.990 ng

RT: 25.006 min Scan# 3730

Delta R.T. -0.038 min

Lab File: BG064718.D

Acq: 7 Nov 2025 16:13

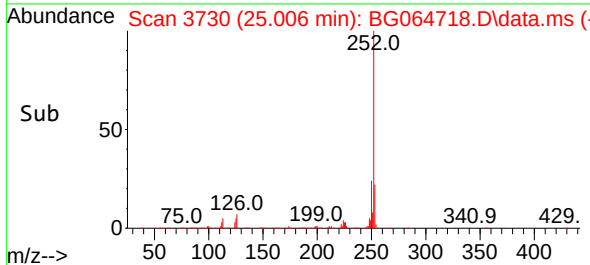
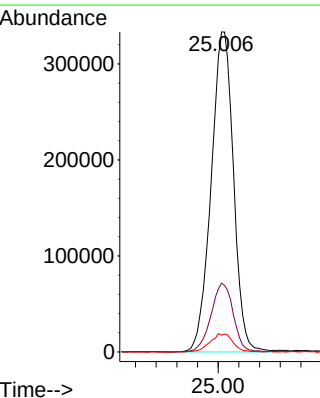
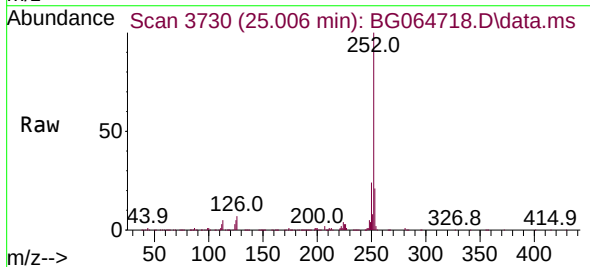
Tgt Ion:252 Resp: 1003625

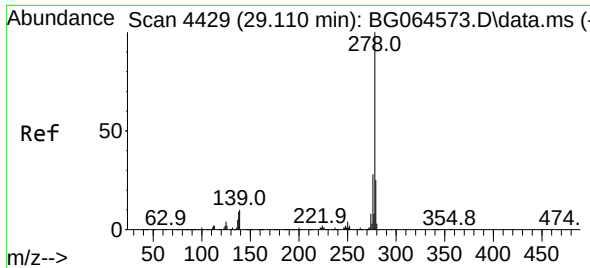
Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

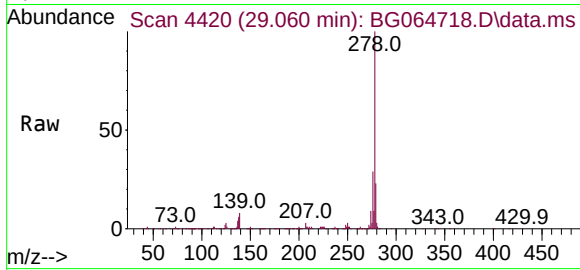
125 5.2 6.1 9.1#





#91
Dibenzo(a,h)anthracene
Concen: 55.127 ng
RT: 29.060 min Scan# 4429
Delta R.T. -0.050 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

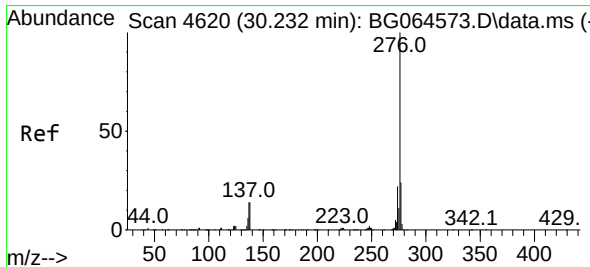
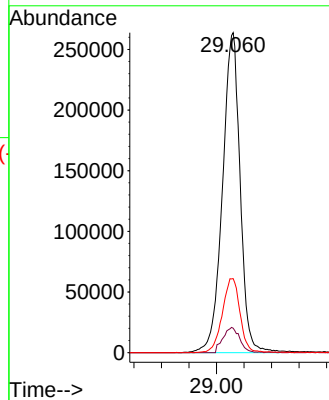
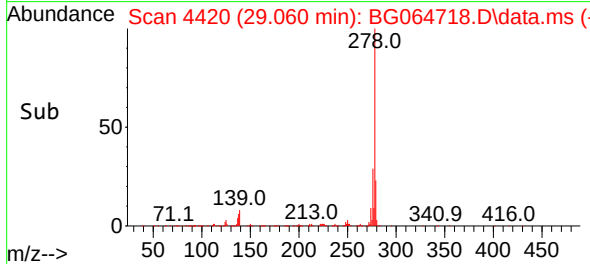
Instrument :
BNA_G
ClientSampleId :
PB170446BS



Tgt Ion:278 Resp: 1173489
Ion Ratio Lower Upper
278 100
139 7.6 8.0 12.0
279 23.1 19.8 29.6

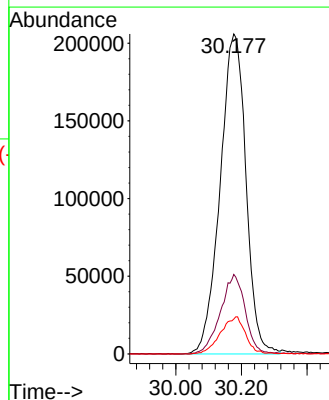
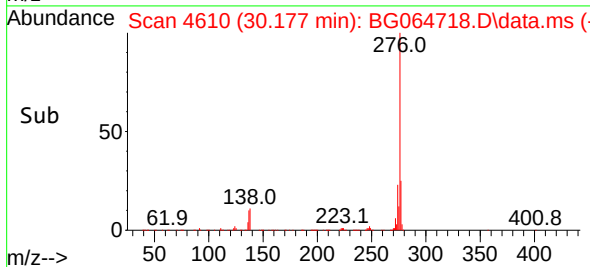
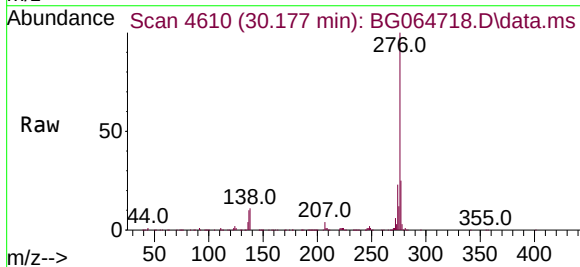
Manual Integrations
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Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#92
Benzo(g,h,i)perylene
Concen: 55.376 ng
RT: 30.177 min Scan# 4610
Delta R.T. -0.056 min
Lab File: BG064718.D
Acq: 7 Nov 2025 16:13

Tgt Ion:276 Resp: 1126075
Ion Ratio Lower Upper
276 100
277 24.8 19.1 28.7
138 10.9 11.3 16.9





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Fax : 908 789 8922

Report of Analysis

Client:	Spectra East Inc.	Date Collected:	
Project:	Outfall 001 - Orangetown Dis Permit 2025	Date Received:	
Client Sample ID:	PB170446BSD	SDG No.:	Q3551
Lab Sample ID:	PB170446BSD	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	1000 mL	Test:	SVOCMS Group1
Prep Method :	3510C		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 11/07/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
117-81-7	Bis(2-ethylhexyl)phthalate	48.1		1	1.60	5.00	ug/L	11/07/25 16:54	PB170446
SURROGATES									
4165-60-0	Nitrobenzene-d5	107			60 - 140	107%	SPK: 100		
321-60-8	2-Fluorobiphenyl	99.1			60 - 140	99%	SPK: 100		
1718-51-0	Terphenyl-d14	95.4			60 - 140	95%	SPK: 100		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	38100							
1146-65-2	Naphthalene-d8	154000							
15067-26-2	Acenaphthene-d10	120000							
1517-22-2	Phenanthrene-d10	326000							
1719-03-5	Chrysene-d12	356000							
1520-96-3	Perylene-d12	359000							

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\BG110725\
 Data File : BG064719.D
 Acq On : 7 Nov 2025 16:54
 Operator : RC/JU
 Sample : PB170446BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB170446BSD

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025

Quant Time: Nov 07 17:40:54 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Nov 03 18:16:26 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.200	152	38061	20.000	ng	-0.02
21) Naphthalene-d8	11.026	136	154155	20.000	ng	#-0.02
39) Acenaphthene-d10	14.827	164	120328	20.000	ng	-0.02
64) Phenanthrene-d10	17.560	188	326396	20.000	ng	#-0.02
76) Chrysene-d12	21.831	240	355727	20.000	ng	#-0.03
86) Perylene-d12	25.162	264	359174	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.738	112	237126	104.573	ng	-0.01
7) Phenol-d6	7.342	99	287784	92.488	ng	-0.01
23) Nitrobenzene-d5	9.369	82	275019	107.154	ng	-0.02
42) 2,4,6-Tribromophenol	16.302	330	221760	127.691	ng	-0.02
45) 2-Fluorobiphenyl	13.453	172	786948	99.130	ng	-0.02
79) Terphenyl-d14	20.151	244	1798681	95.422	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.564	88	28692	28.580	ng	97
3) Pyridine	3.975	79	73902	24.513	ng	95
4) n-Nitrosodimethylamine	3.881	42	57327	35.459	ng	97
6) Aniline	7.512	93	87035	20.556	ng	98
8) 2-Chlorophenol	7.759	128	119354	50.287	ng	93
9) Benzaldehyde	7.336	77	492	0.290	ng	# 21
10) Phenol	7.371	94	153002	44.463	ng	94
11) bis(2-Chloroethyl)ether	7.606	93	101160	39.984	ng	93
12) 1,3-Dichlorobenzene	8.088	146	124098	45.428	ng	97
13) 1,4-Dichlorobenzene	8.235	146	128015	46.087	ng	96
14) 1,2-Dichlorobenzene	8.558	146	124435	46.446	ng	97
15) Benzyl Alcohol	8.435	79	115429	44.986	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.729	45	239548	36.096	ng	95
17) 2-Methylphenol	8.635	107	106243	46.502	ng	95
18) Hexachloroethane	9.304	117	45468	46.646	ng	92
19) n-Nitroso-di-n-propyla...	9.005	70	91710	42.648	ng	94
20) 3+4-Methylphenols	8.964	107	145491	45.281	ng	96
22) Acetophenone	9.022	105	183612	43.572	ng	# 93
24) Nitrobenzene	9.410	77	141186	50.576	ng	93
25) Isophorone	9.939	82	254423	41.312	ng	97
26) 2-Nitrophenol	10.127	139	65701	60.151	ng	95
27) 2,4-Dimethylphenol	10.180	122	118614	51.778	ng	98
28) bis(2-Chloroethoxy)met...	10.415	93	145179	41.403	ng	99
29) 2,4-Dichlorophenol	10.668	162	133309	54.072	ng	97
30) 1,2,4-Trichlorobenzene	10.885	180	149399	53.335	ng	97
31) Naphthalene	11.079	128	381367	44.621	ng	99
32) Benzoic acid	10.303	122	81522m	46.831	ng	
33) 4-Chloroaniline	11.173	127	87831	26.439	ng	98
34) Hexachlorobutadiene	11.367	225	117468	53.622	ng	98
35) Caprolactam	11.943	113	37813m	39.989	ng	
36) 4-Chloro-3-methylphenol	12.277	107	142725	48.162	ng	97
37) 2-Methylnaphthalene	12.671	142	285895	45.561	ng	99
38) 1-Methylnaphthalene	12.888	142	270471	43.540	ng	98
40) 1,2,4,5-Tetrachloroben...	13.035	216	214940	53.225	ng	99
41) Hexachlorocyclopentadiene	13.018	237	248477	136.701	ng	99
43) 2,4,6-Trichlorophenol	13.265	196	134974	58.432	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
 Data File : BG064719.D
 Acq On : 7 Nov 2025 16:54
 Operator : RC/JU
 Sample : PB170446BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170446BSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/10/2025
 Supervised By :Jagrut Upadhyay 11/10/2025

Quant Time: Nov 07 17:40:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.335	196	152756	57.305	ng	95
46) 1,1'-Biphenyl	13.664	154	402880	47.096	ng	96
47) 2-Chloronaphthalene	13.711	162	316707	49.047	ng	97
48) 2-Nitroaniline	13.893	65	113021	51.860	ng	94
49) Acenaphthylene	14.551	152	493325	48.436	ng	99
50) Dimethylphthalate	14.269	163	443005	48.113	ng	99
51) 2,6-Dinitrotoluene	14.387	165	93259	60.494	ng	92
52) Acenaphthene	14.892	154	378635	54.413	ng	98
53) 3-Nitroaniline	14.716	138	69200	43.732	ng	99
54) 2,4-Dinitrophenol	14.921	184	108934	114.284	ng	# 33
55) Dibenzofuran	15.221	168	544332	48.385	ng	99
56) 4-Nitrophenol	15.015	139	149391	101.830	ng	91
57) 2,4-Dinitrotoluene	15.168	165	133989	56.467	ng	# 91
58) Fluorene	15.867	166	420174	47.824	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.438	232	159546	62.591	ng	96
60) Diethylphthalate	15.626	149	432419	45.995	ng	99
61) 4-Chlorophenyl-phenyle...	15.856	204	258590	52.446	ng	98
62) 4-Nitroaniline	15.873	138	87626	49.776	ng	91
63) Azobenzene	16.149	77	360037	41.738	ng	96
65) 4,6-Dinitro-2-methylph...	15.932	198	83300	56.868	ng	94
66) n-Nitrosodiphenylamine	16.067	169	389668	44.196	ng	99
67) 4-Bromophenyl-phenylether	16.749	248	190933	49.363	ng	95
68) Hexachlorobenzene	16.872	284	220455	49.960	ng	93
69) Atrazine	17.001	200	112248	29.584	ng	99
70) Pentachlorophenol	17.207	266	227079	82.524	ng	95
71) Phenanthrene	17.607	178	774756	43.405	ng	99
72) Anthracene	17.695	178	754777	41.570	ng	100
73) Carbazole	17.959	167	662081	41.352	ng	99
74) Di-n-butylphthalate	18.511	149	751234	40.575	ng	99
75) Fluoranthene	19.598	202	969628	43.363	ng	98
77) Benzidine	19.769	184	71796	9.009	ng	96
78) Pyrene	19.957	202	1002221	43.122	ng	99
80) Butylbenzylphthalate	20.832	149	345984	49.255	ng	89
81) Benzo(a)anthracene	21.813	228	1145021	48.545	ng	99
82) 3,3'-Dichlorobenzidine	21.719	252	359930	45.698	ng	99
83) Chrysene	21.884	228	1059232	47.196	ng	98
84) Bis(2-ethylhexyl)phtha...	21.713	149	505380	48.149	ng	# 97
85) Di-n-octyl phthalate	22.965	149	877431	49.583	ng	94
87) Indeno(1,2,3-cd)pyrene	28.976	276	1397154	52.878	ng	99
88) Benzo(b)fluoranthene	24.105	252	1226427	55.685	ng	# 97
89) Benzo(k)fluoranthene	24.175	252	1168573	53.021	ng	# 97
90) Benzo(a)pyrene	25.010	252	1023739	50.567	ng	# 98
91) Dibenzo(a,h)anthracene	29.046	278	1184674	55.188	ng	# 96
92) Benzo(g,h,i)perylene	30.180	276	1143584	55.769	ng	# 96

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

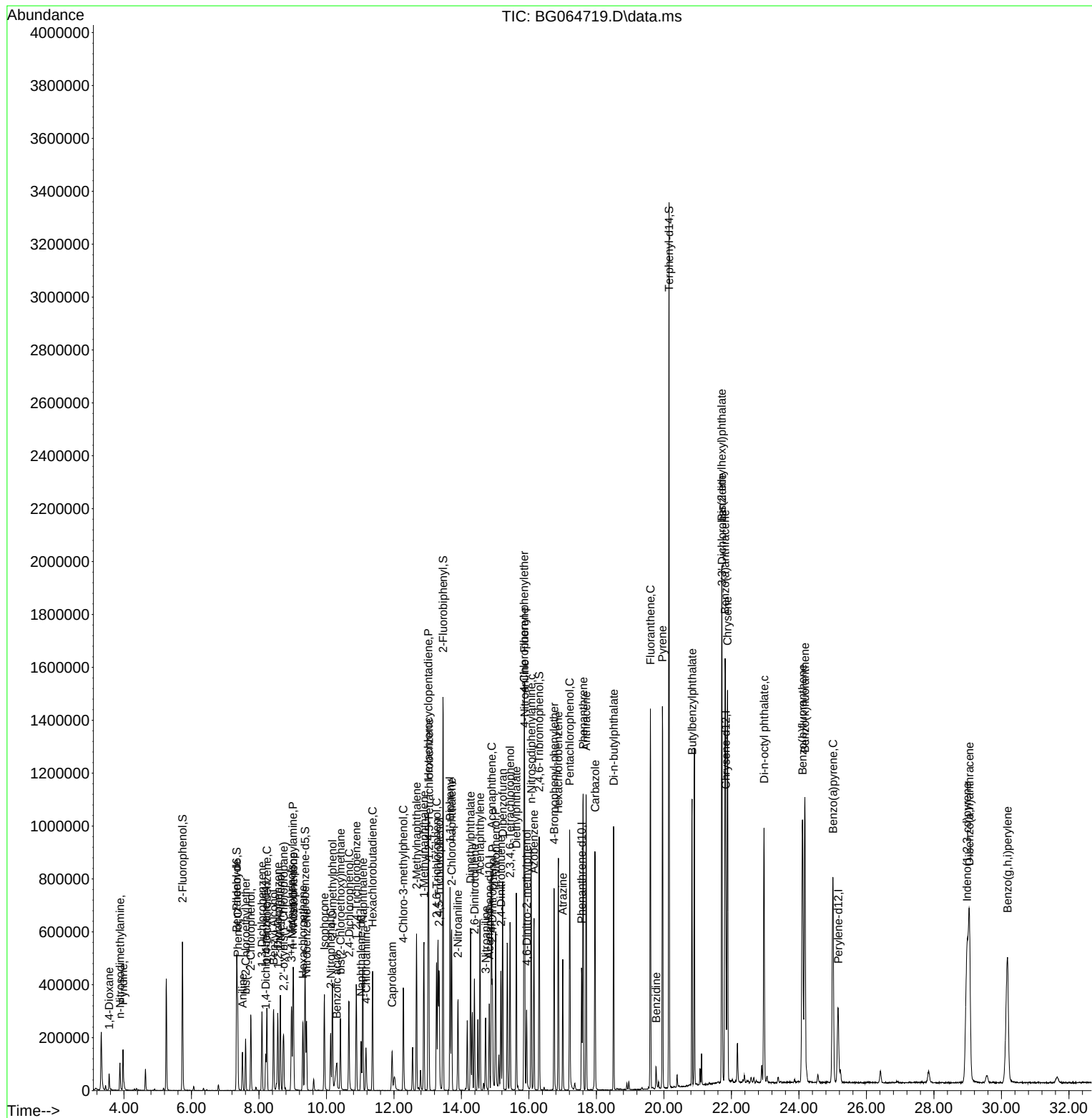
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Data File : BG064719.D
Acq On : 7 Nov 2025 16:54
Operator : RC/JU
Sample : PB170446BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

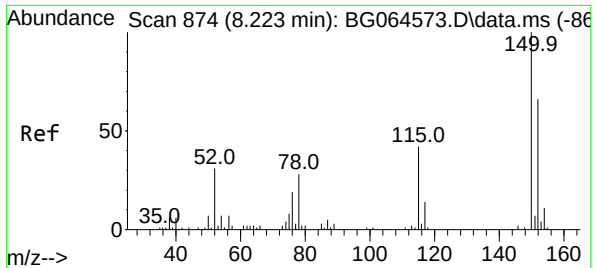
Instrument :
BNA_G
ClientSampleId :
PB170446BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

Quant Time: Nov 07 17:40:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration





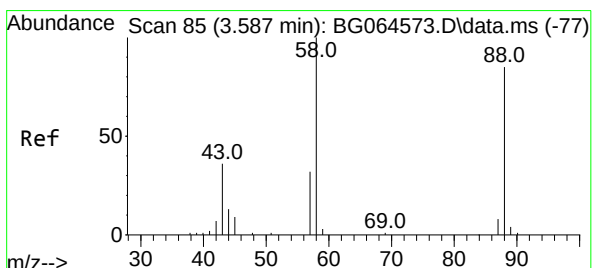
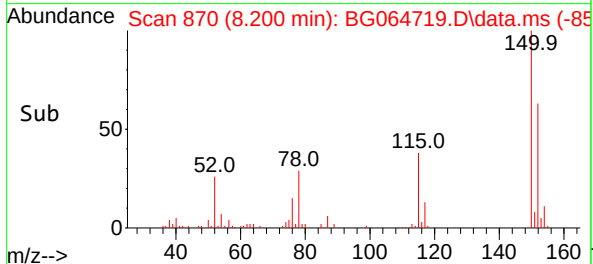
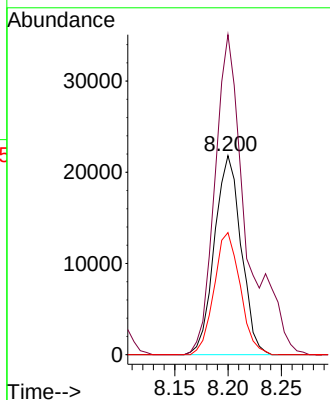
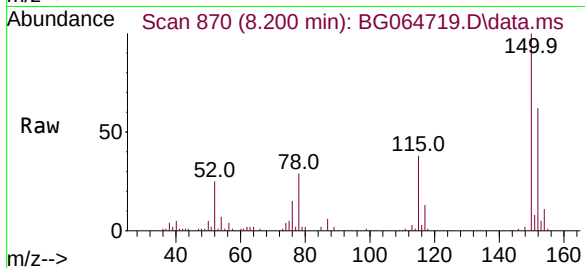
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.200 min Scan# 81
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Instrument :
BNA_G
ClientSampleId :
PB170446BSD

Tgt Ion:152 Resp: 3806
Ion Ratio Lower Upper
152 100
150 160.8 122.2 183.4
115 61.3 50.8 76.2

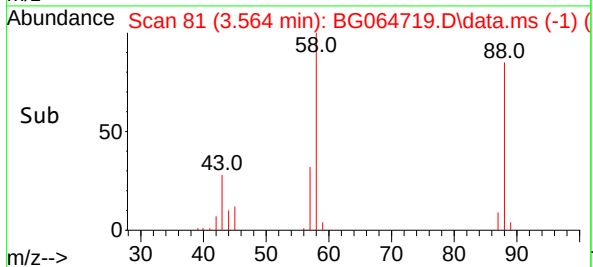
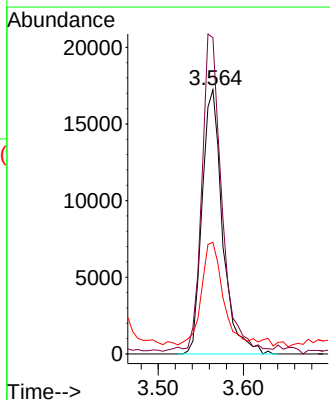
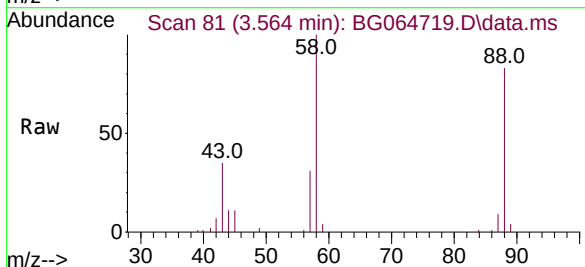
Manual Integrations
APPROVED

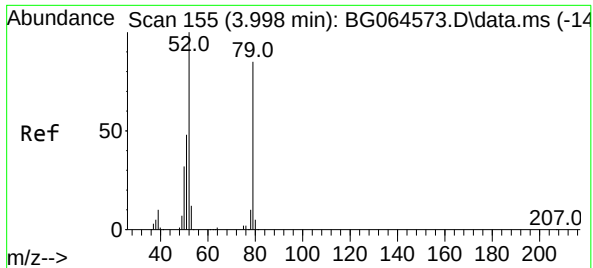
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#2
1,4-Dioxane
Concen: 28.580 ng
RT: 3.564 min Scan# 81
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

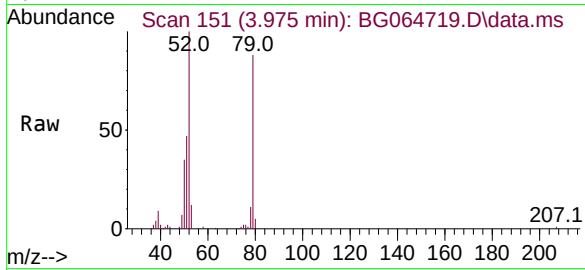
Tgt Ion: 88 Resp: 28692
Ion Ratio Lower Upper
88 100
58 118.9 92.4 138.6
43 40.2 33.0 49.6





#3
Pyridine
Concen: 24.513 ng
RT: 3.975 min Scan# 11
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

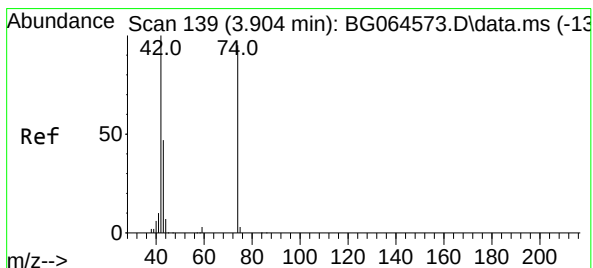
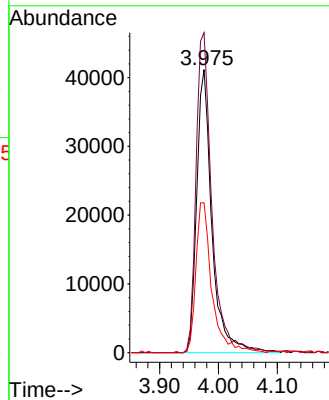
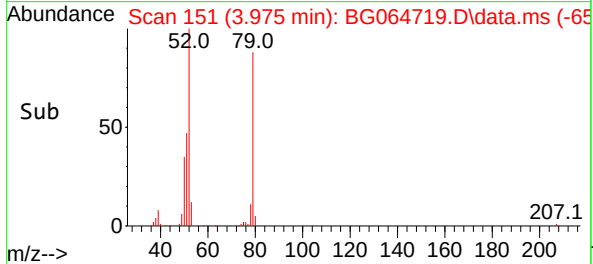
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



Tgt Ion: 79 Resp: 73902
Ion Ratio Lower Upper
79 100
52 113.1 94.2 141.2
51 53.0 46.1 69.1

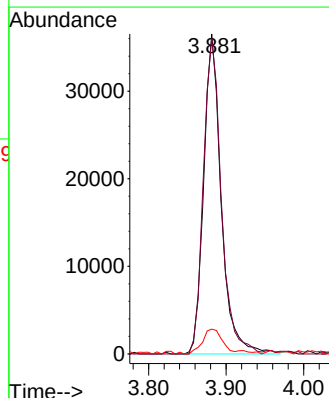
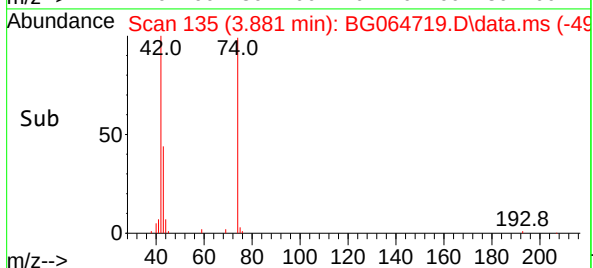
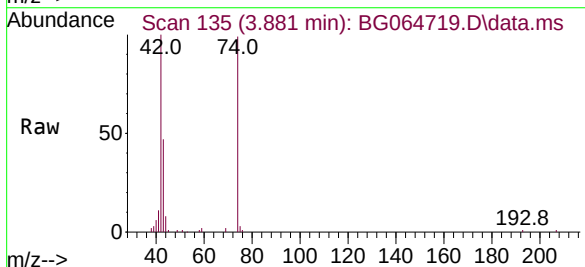
Manual Integrations
APPROVED

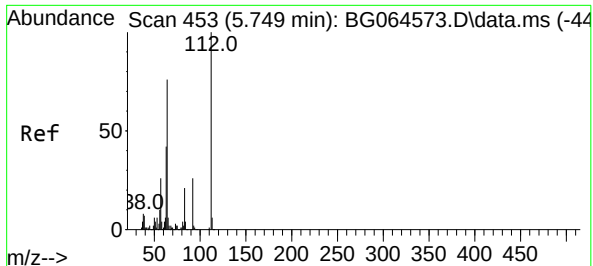
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#4
n-Nitrosodimethylamine
Concen: 35.459 ng
RT: 3.881 min Scan# 135
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

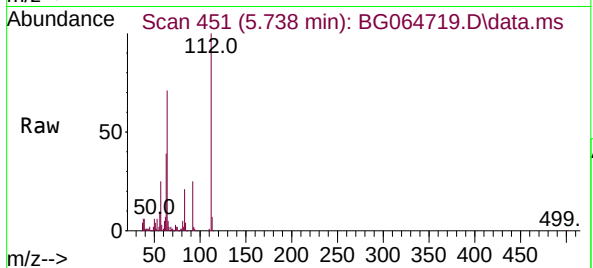
Tgt Ion: 42 Resp: 57327
Ion Ratio Lower Upper
42 100
74 98.6 76.1 114.1
44 7.7 6.3 9.5





#5
2-Fluorophenol
Concen: 104.573 ng
RT: 5.738 min Scan# 451
Delta R.T. -0.011 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

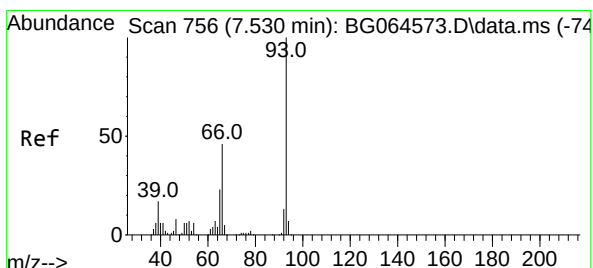
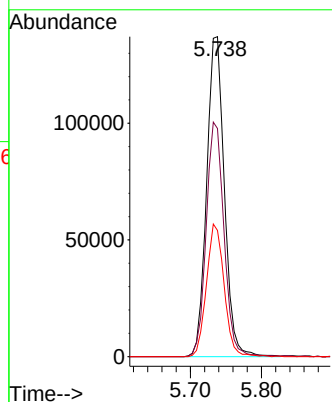
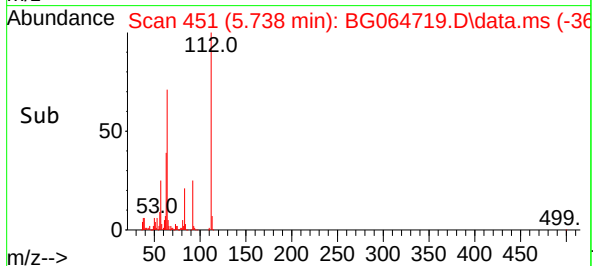
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



Tgt Ion: 112 Resp: 237126
Ion Ratio Lower Upper
112 100
64 71.3 60.7 91.1
63 39.4 33.4 50.0

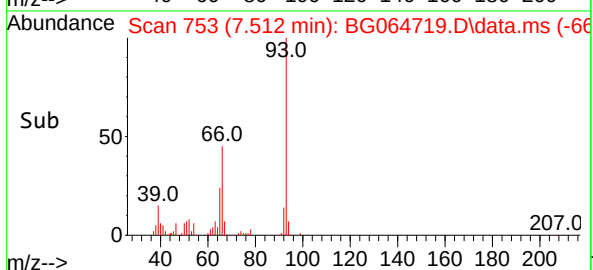
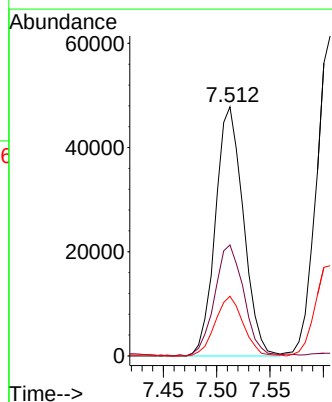
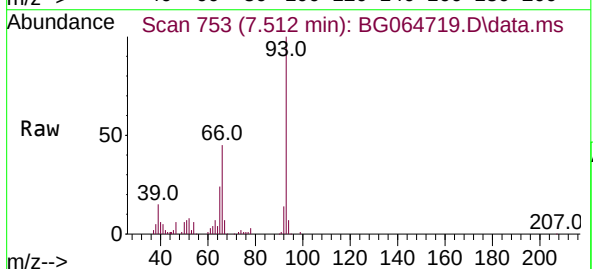
Manual Integrations
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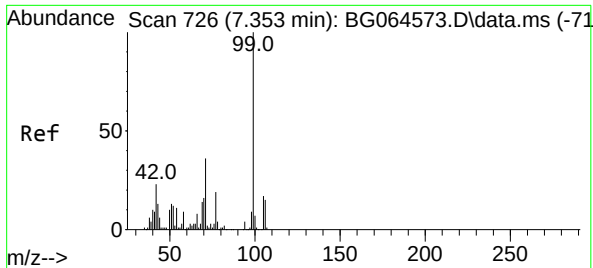
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#6
Aniline
Concen: 20.556 ng
RT: 7.512 min Scan# 753
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Tgt Ion: 93 Resp: 87035
Ion Ratio Lower Upper
93 100
66 44.6 37.0 55.6
65 23.9 18.3 27.5





#7

Phenol-d6

Concen: 92.488 ng

RT: 7.342 min Scan# 71

Delta R.T. -0.011 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

Instrument :

BNA_G

ClientSampleId :

PB170446BSD

Tgt Ion: 99 Resp: 287784

Ion Ratio Lower Upper

99 100

42 22.2 18.3 27.5

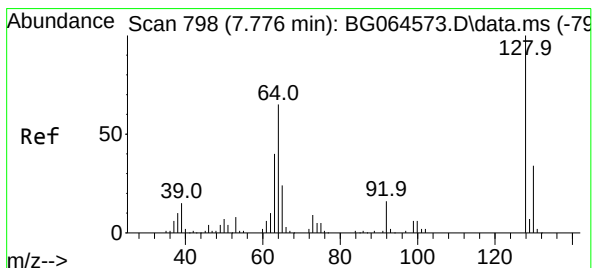
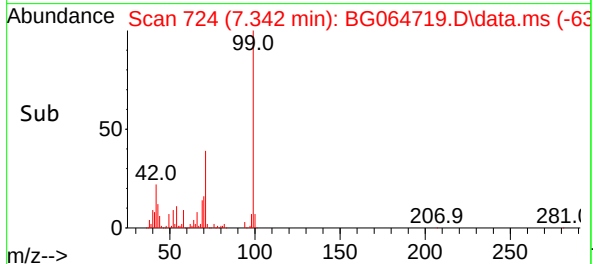
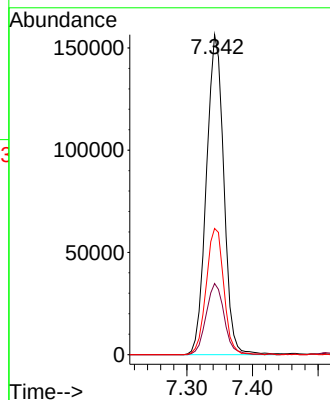
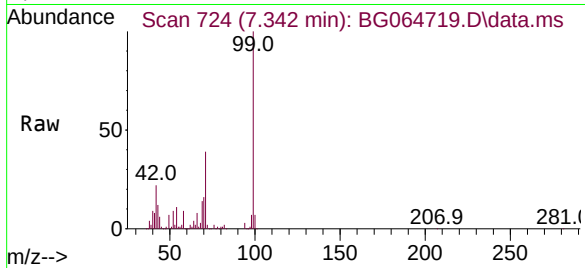
71 39.4 28.6 43.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#8

2-Chlorophenol

Concen: 50.287 ng

RT: 7.759 min Scan# 795

Delta R.T. -0.017 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

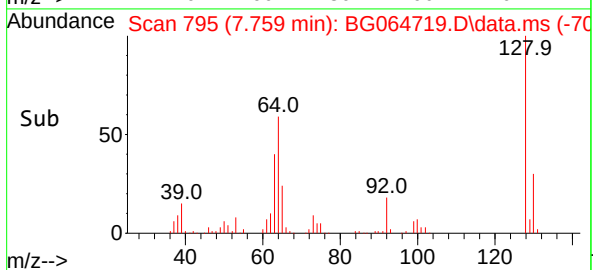
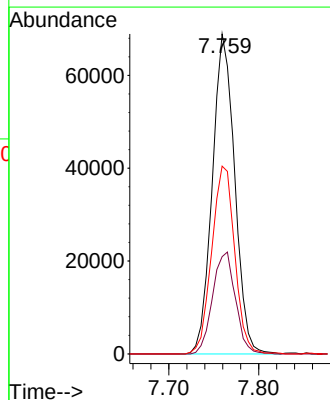
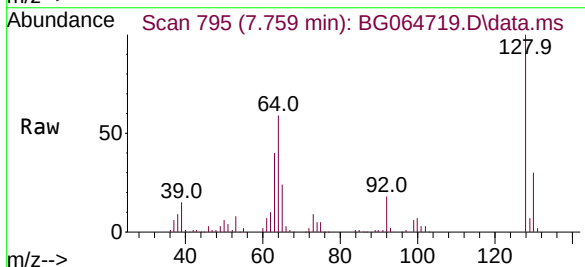
Tgt Ion:128 Resp: 119354

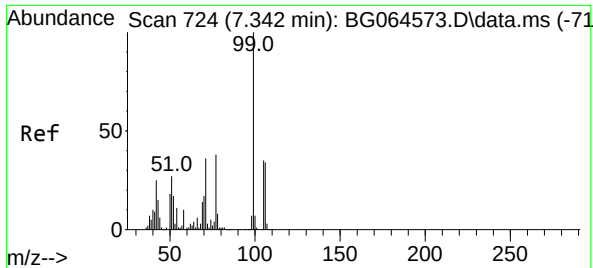
Ion Ratio Lower Upper

128 100

130 30.4 13.5 53.5

64 58.7 45.2 85.2





#9

Benzaldehyde

Concen: 0.290 ng

RT: 7.336 min Scan# 724

Delta R.T. -0.005 min

Lab File: BG064719.D

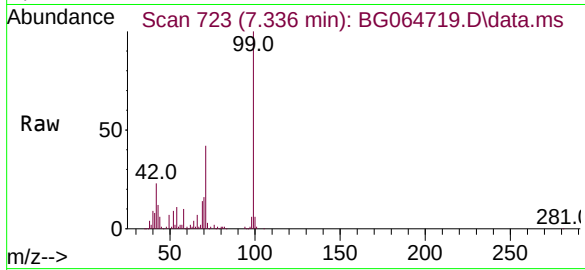
Acq: 7 Nov 2025 16:54

Instrument :

BNA_G

ClientSampleId :

PB170446BSD



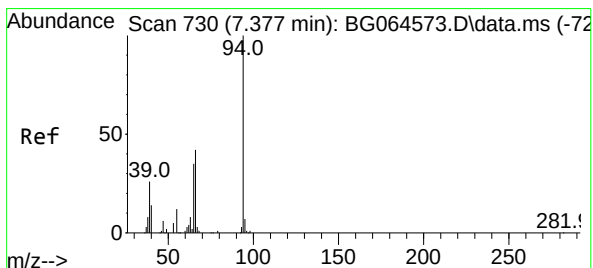
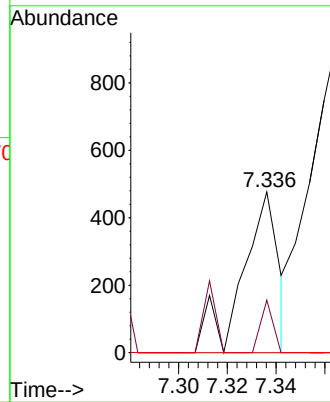
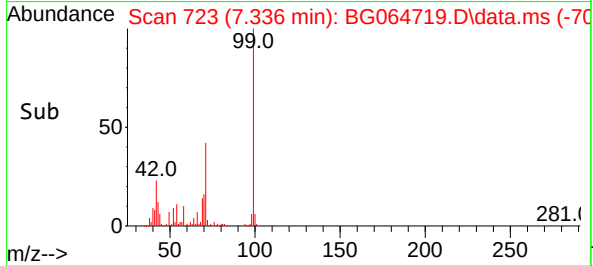
Tgt Ion: 77	Resp: 492
Ion Ratio	Lower Upper
77	100
105	32.7 72.9 112.9
106	0.0 70.8 110.8

Manual Integrations

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Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#10

Phenol

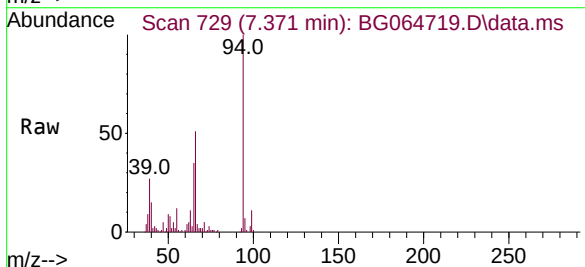
Concen: 44.463 ng

RT: 7.371 min Scan# 729

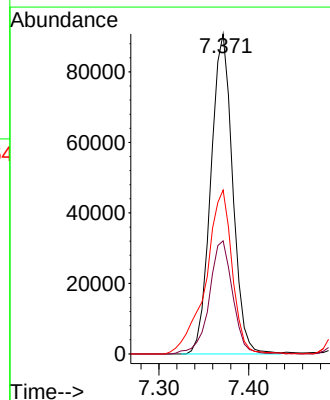
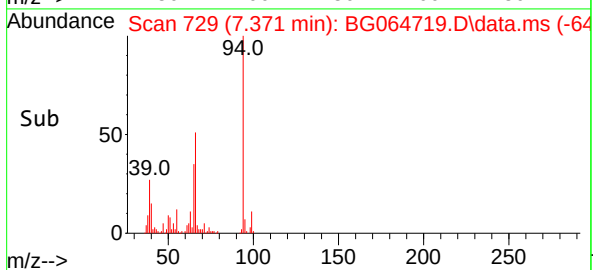
Delta R.T. -0.005 min

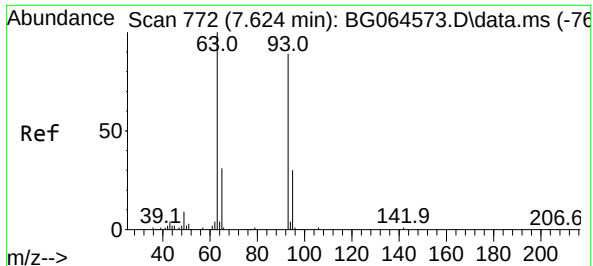
Lab File: BG064719.D

Acq: 7 Nov 2025 16:54



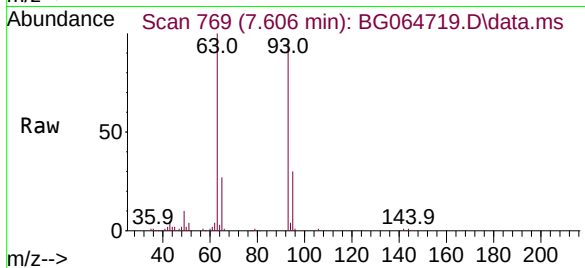
Tgt Ion: 94	Resp: 153002
Ion Ratio	Lower Upper
94	100
65	35.3 15.8 55.8
66	51.2 24.0 64.0





#11
bis(2-Chloroethyl)ether
Concen: 39.984 ng
RT: 7.606 min Scan# 70
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

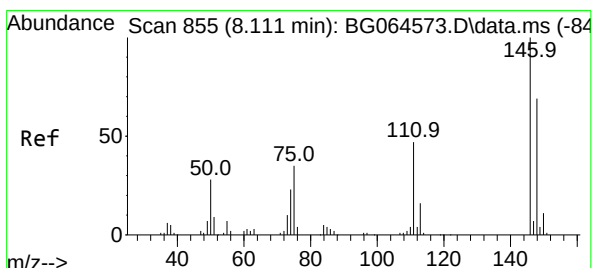
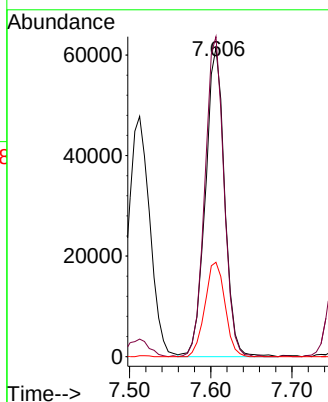
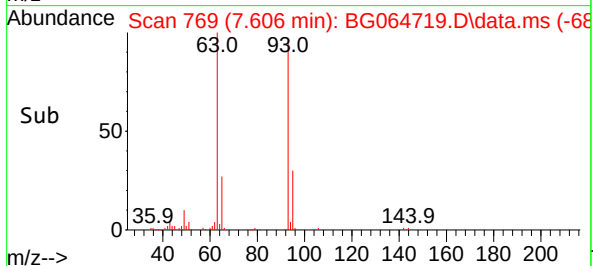
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



Tgt Ion: 93 Resp: 101160
Ion Ratio Lower Upper
93 100
63 103.6 91.3 131.3
95 30.6 13.3 53.3

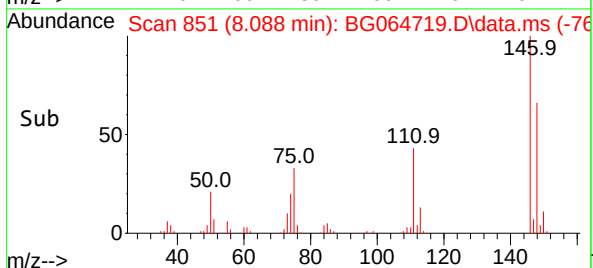
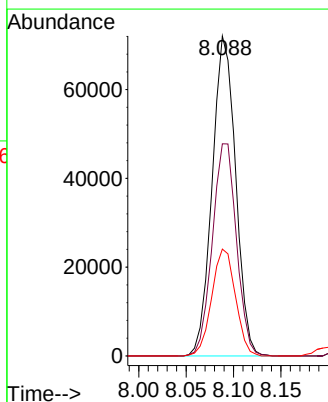
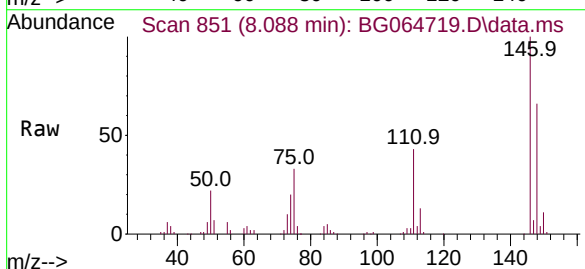
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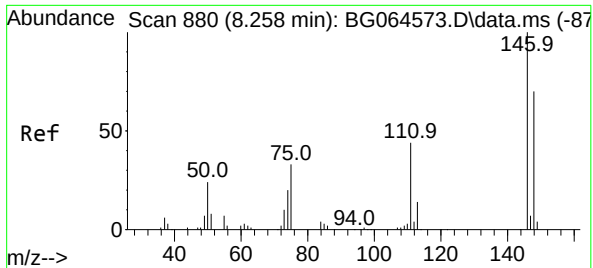
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#12
1,3-Dichlorobenzene
Concen: 45.428 ng
RT: 8.088 min Scan# 851
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Tgt Ion:146 Resp: 124098
Ion Ratio Lower Upper
146 100
148 66.3 55.3 82.9
75 33.4 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 46.087 ng

RT: 8.235 min Scan# 81

Delta R.T. -0.023 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

Instrument :

BNA_G

ClientSampleId :

PB170446BSD

Tgt Ion:146 Resp: 128015

Ion Ratio Lower Upper

146 100

148 67.5 56.2 84.4

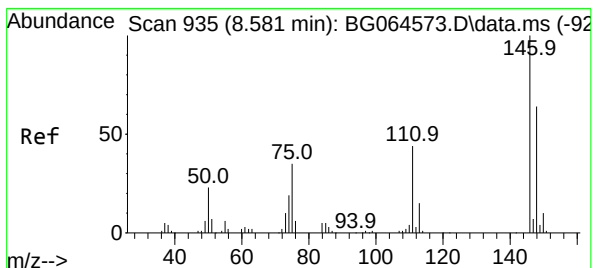
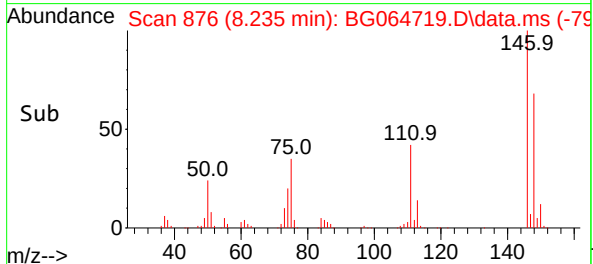
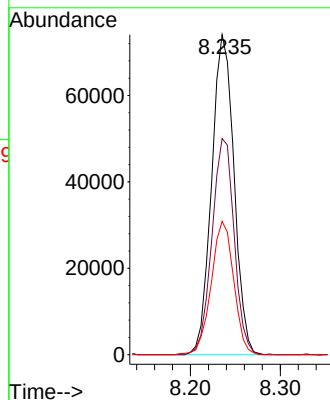
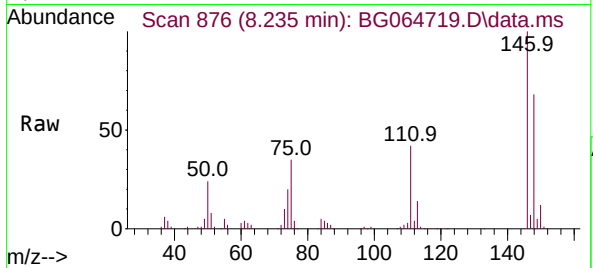
111 41.6 35.4 53.0

Manual Integrations

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Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#14

1,2-Dichlorobenzene

Concen: 46.446 ng

RT: 8.558 min Scan# 931

Delta R.T. -0.023 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

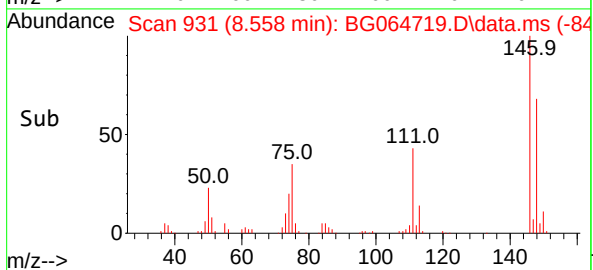
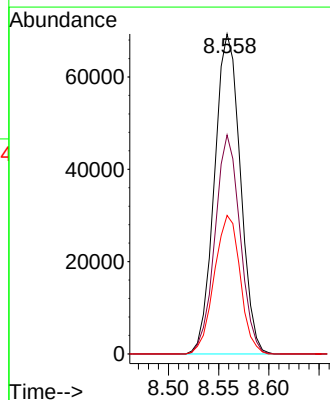
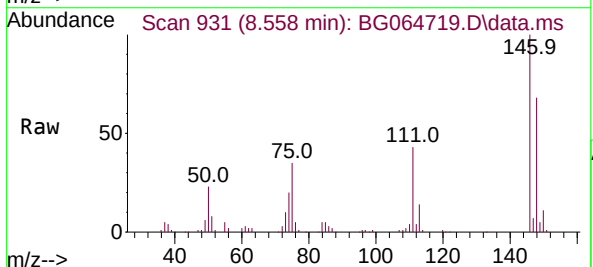
Tgt Ion:146 Resp: 124435

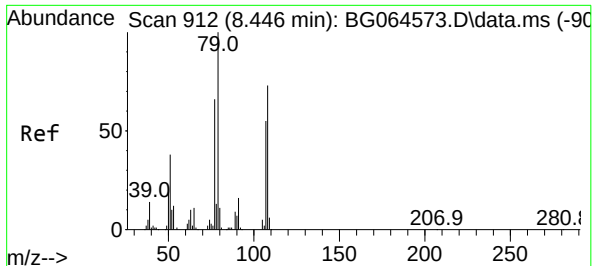
Ion Ratio Lower Upper

146 100

148 68.4 51.5 77.3

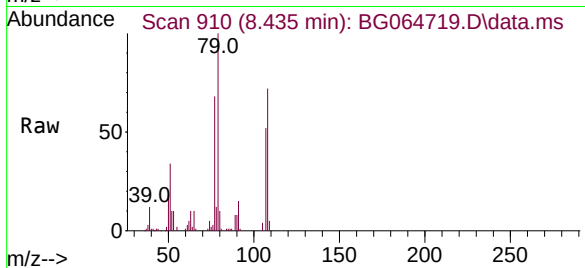
111 43.3 35.0 52.6





#15
Benzyl Alcohol
Concen: 44.986 ng
RT: 8.435 min Scan# 912
Delta R.T. -0.011 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

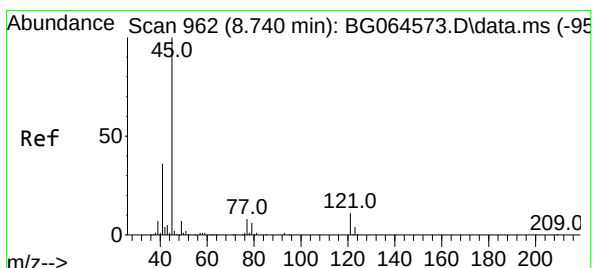
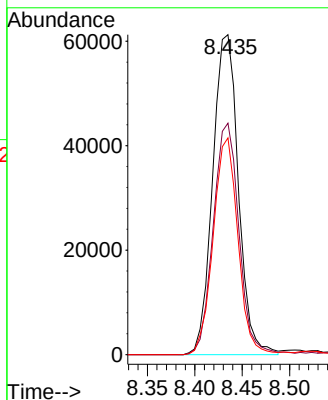
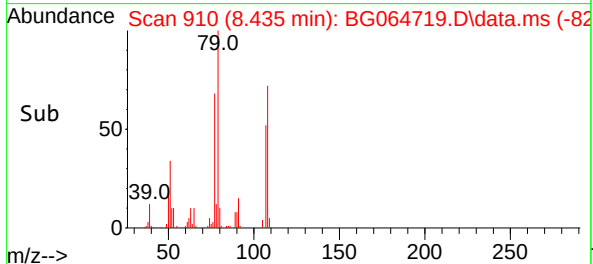
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



Tgt Ion: 79 Resp: 115429
Ion Ratio Lower Upper
79 100
108 72.3 58.1 87.1
77 67.7 52.8 79.2

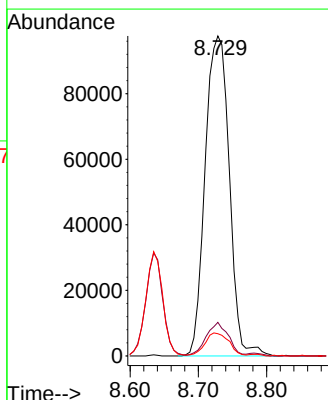
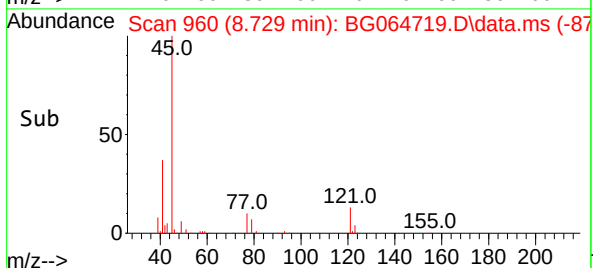
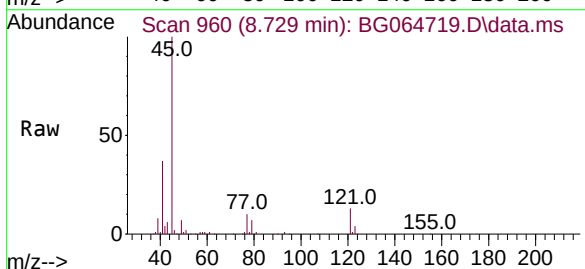
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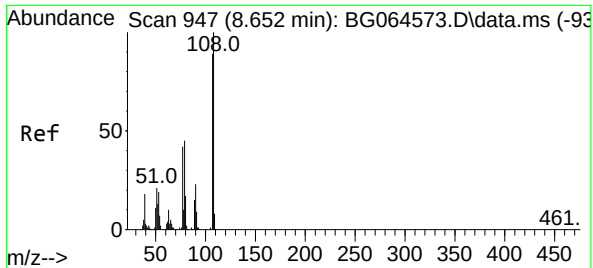
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.096 ng
RT: 8.729 min Scan# 960
Delta R.T. -0.011 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Tgt Ion: 45 Resp: 239548
Ion Ratio Lower Upper
45 100
77 10.5 0.0 28.5
79 6.9 0.0 25.6





#17

2-Methylphenol

Concen: 46.502 ng

RT: 8.635 min Scan# 94

Delta R.T. -0.017 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

Instrument :

BNA_G

ClientSampleId :

PB170446BSD

Tgt Ion:107 Resp: 106243

Ion Ratio Lower Upper

107 100

108 117.6 90.0 135.0

77 52.7 37.8 56.8

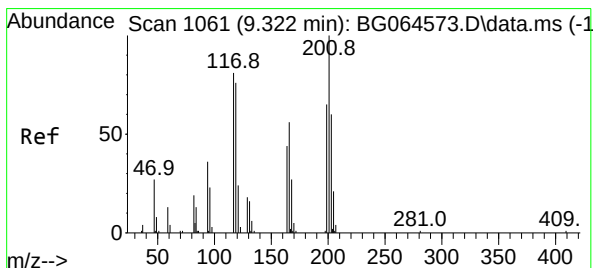
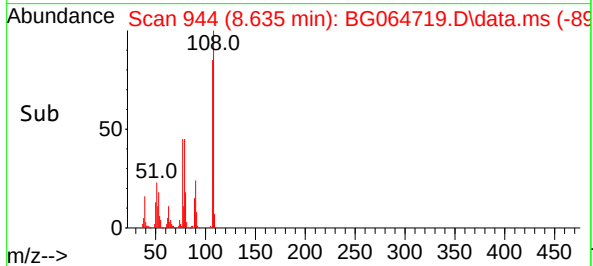
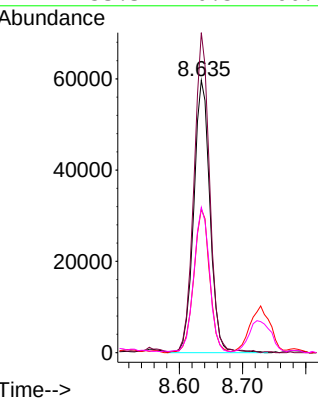
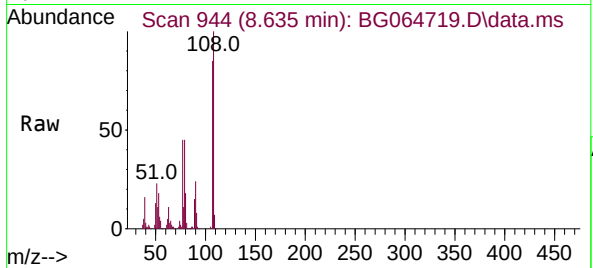
79 53.3 40.5 60.7

Manual Integrations

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Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#18

Hexachloroethane

Concen: 46.646 ng

RT: 9.304 min Scan# 1058

Delta R.T. -0.017 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

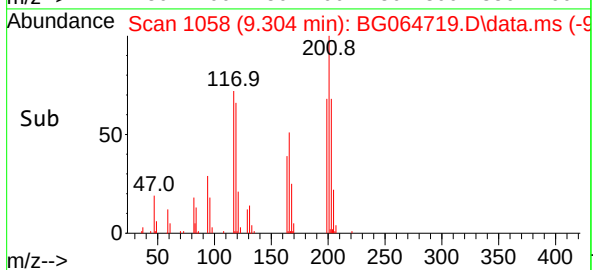
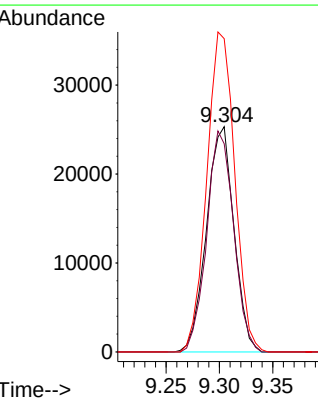
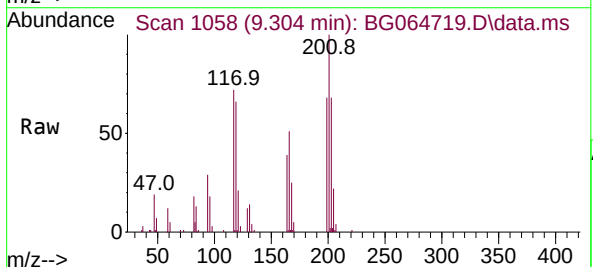
Tgt Ion:117 Resp: 45468

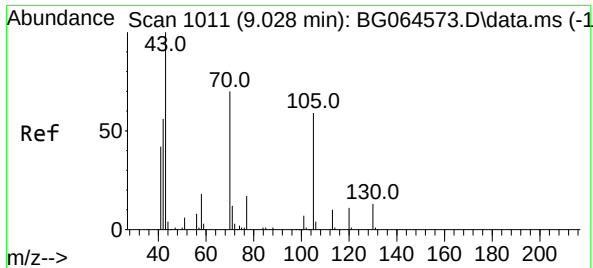
Ion Ratio Lower Upper

117 100

119 92.4 75.4 113.2

201 139.1 99.2 148.8





#19

n-Nitroso-di-n-propylamine

Concen: 42.648 ng

RT: 9.005 min Scan# 10

Delta R.T. -0.023 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

Instrument :

BNA_G

ClientSampleId :

PB170446BSD

Tgt Ion: 70 Resp: 91710

Ion Ratio Lower Upper

70 100

42 74.3 65.2 97.8

101 10.9 7.9 11.9

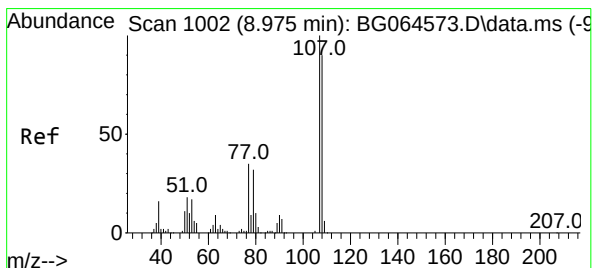
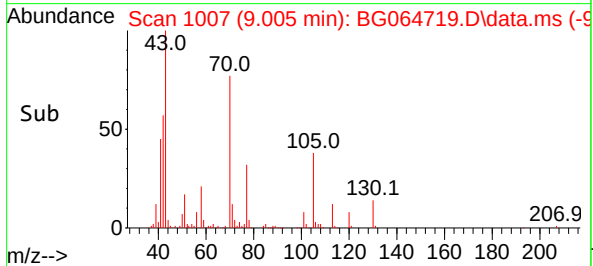
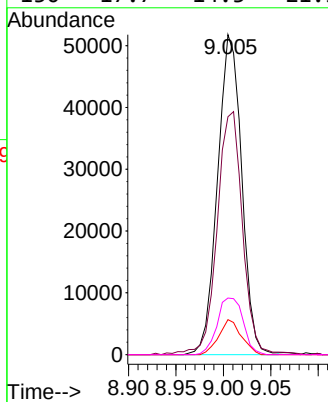
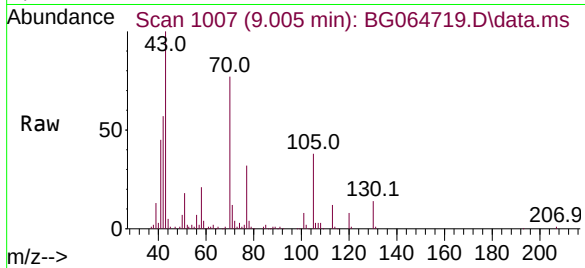
130 17.7 14.3 21.5

Manual Integrations

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Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#20

3+4-Methylphenols

Concen: 45.281 ng

RT: 8.964 min Scan# 1000

Delta R.T. -0.011 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

Tgt Ion:107 Resp: 145491

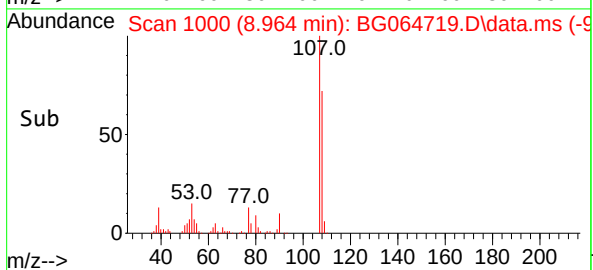
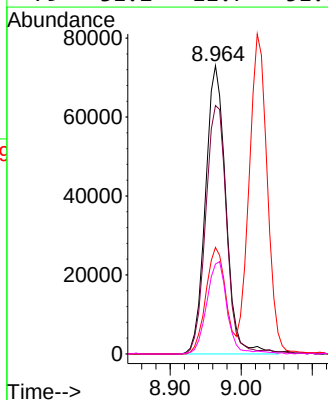
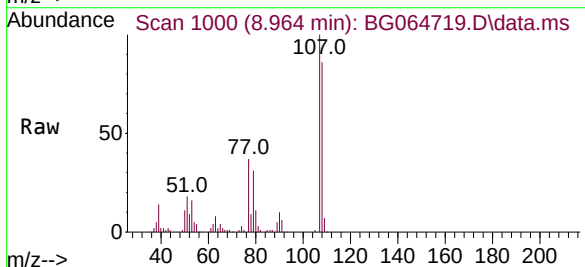
Ion Ratio Lower Upper

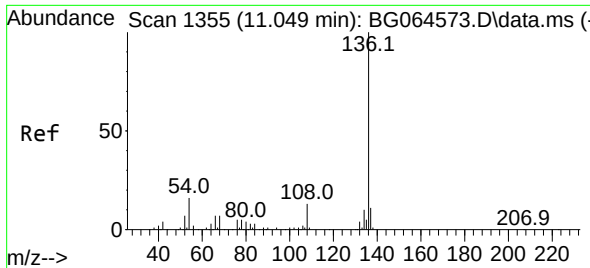
107 100

108 86.2 70.3 110.3

77 36.9 14.6 54.6

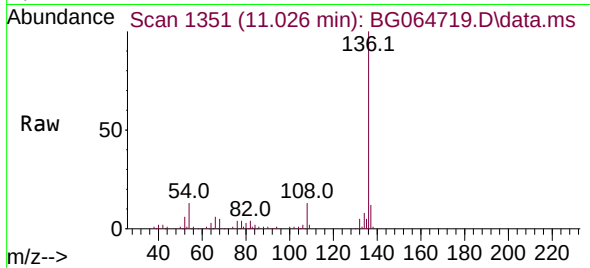
79 31.2 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.026 min Scan# 1355
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

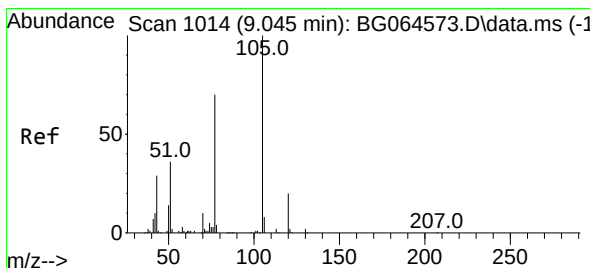
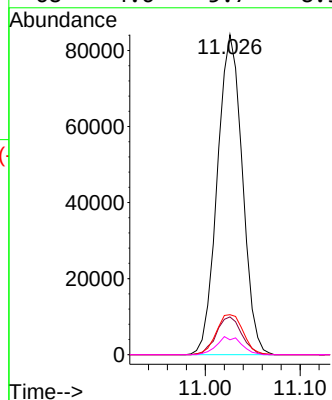
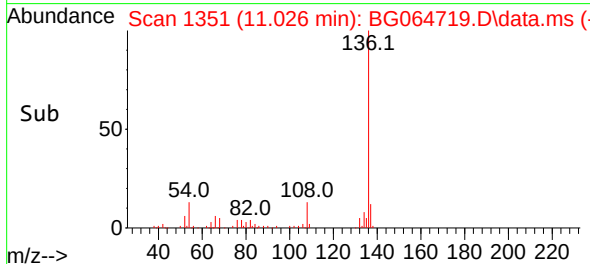
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



Tgt Ion:136 Resp: 154155
Ion Ratio Lower Upper
136 100
137 11.8 9.2 13.8
54 12.5 12.6 19.0
68 4.6 5.7 8.5#

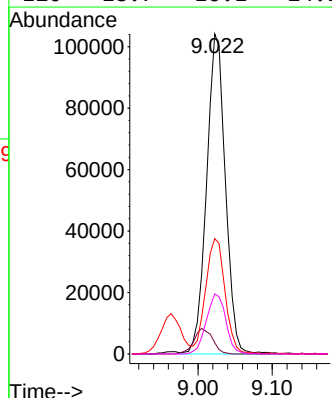
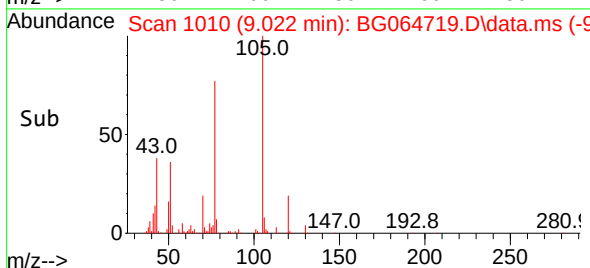
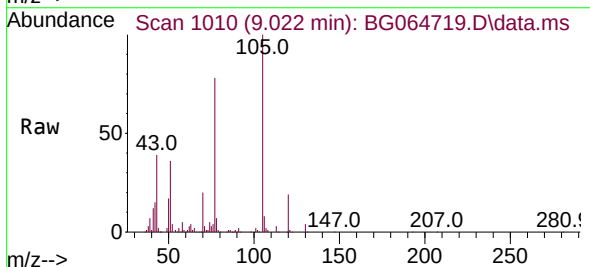
Manual Integrations
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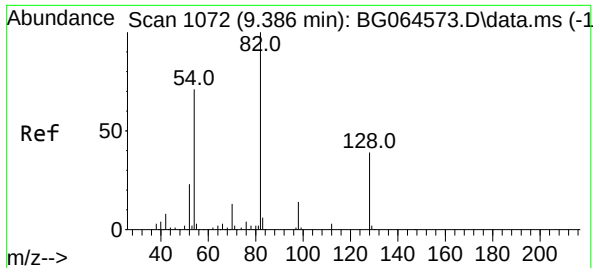
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#22
Acetophenone
Concen: 43.572 ng
RT: 9.022 min Scan# 1010
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

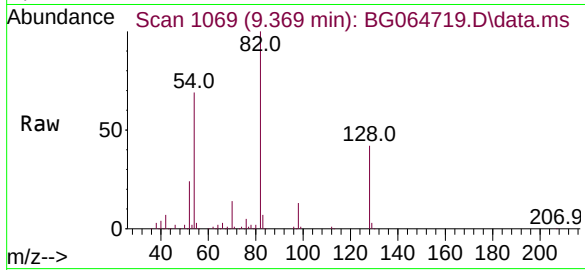
Tgt Ion:105 Resp: 183612
Ion Ratio Lower Upper
105 100
71 3.5 1.5 2.3#
51 36.0 33.7 50.5
120 18.7 16.1 24.1





#23
Nitrobenzene-d5
Concen: 107.154 ng
RT: 9.369 min Scan# 1069
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

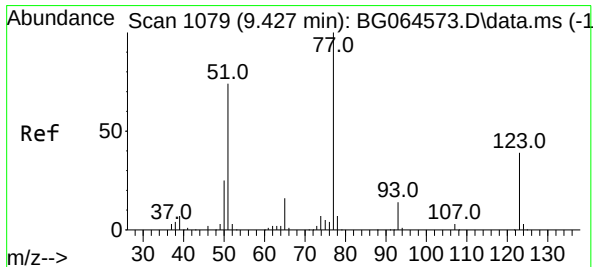
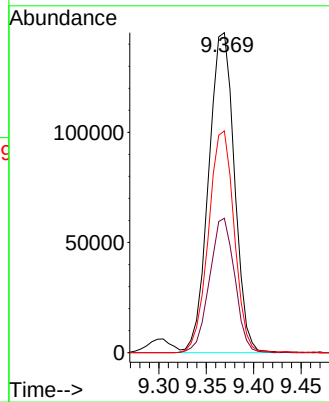
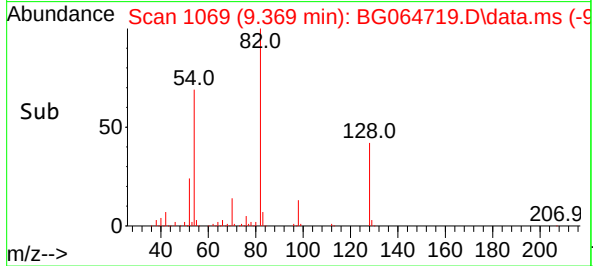
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



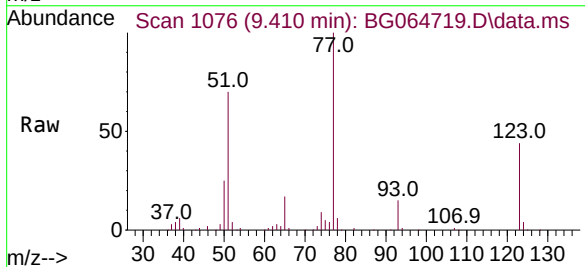
Tgt Ion: 82 Resp: 275019
Ion Ratio Lower Upper
82 100
128 42.0 31.3 46.9
54 69.3 56.6 84.8

Manual Integrations
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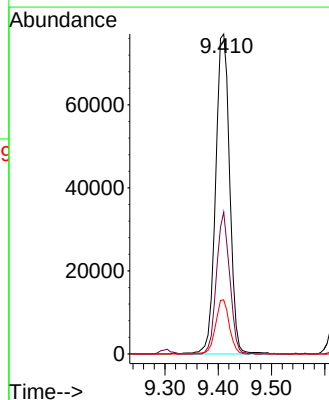
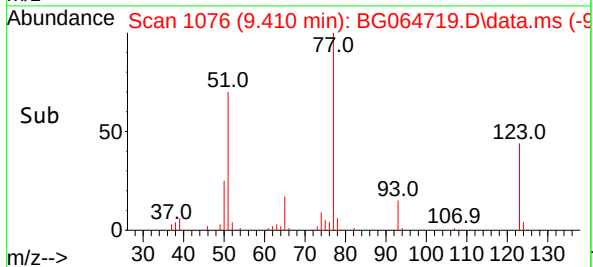
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

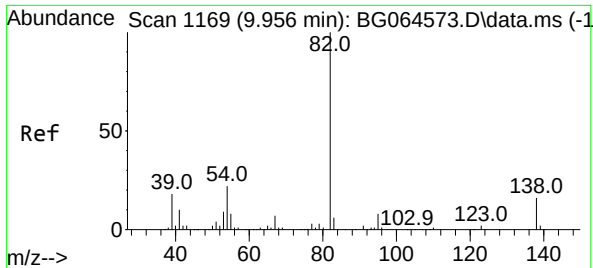


#24
Nitrobenzene
Concen: 50.576 ng
RT: 9.410 min Scan# 1076
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54



Tgt Ion: 77 Resp: 141186
Ion Ratio Lower Upper
77 100
123 44.3 31.0 46.6
65 16.9 12.7 19.1





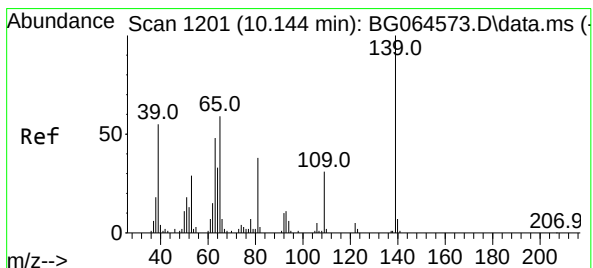
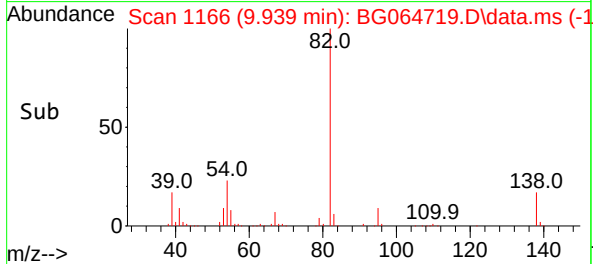
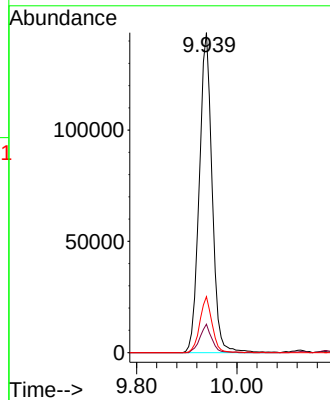
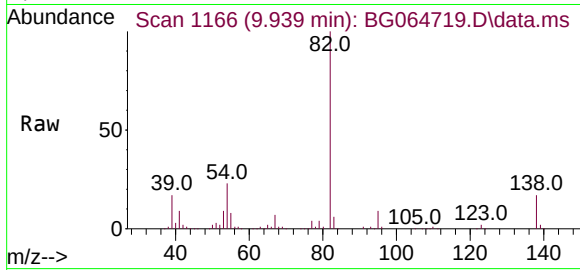
#25
Isophorone
Concen: 41.312 ng
RT: 9.939 min Scan# 1166
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Instrument :
BNA_G
ClientSampleId :
PB170446BSD

Tgt Ion: 82 Resp: 254423
Ion Ratio Lower Upper
82 100
95 8.9 6.1 9.1
138 17.5 13.0 19.4

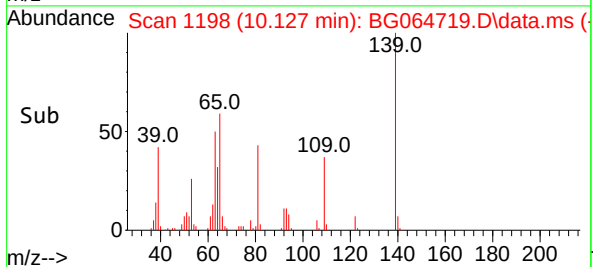
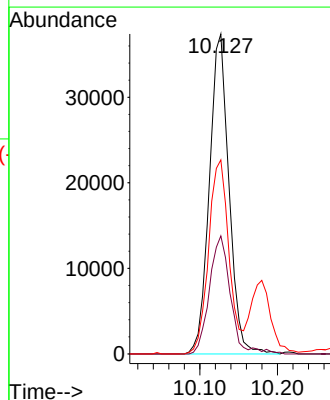
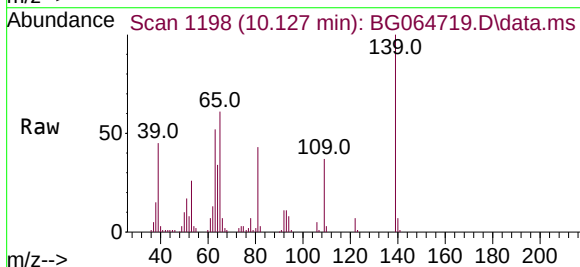
Manual Integrations
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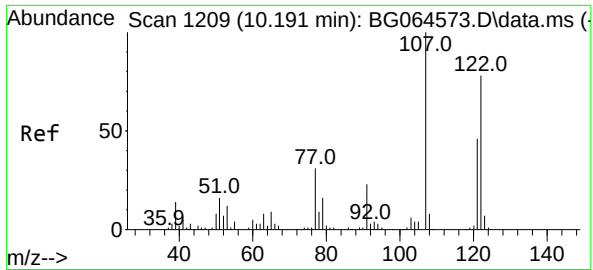
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#26
2-Nitrophenol
Concen: 60.151 ng
RT: 10.127 min Scan# 1198
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

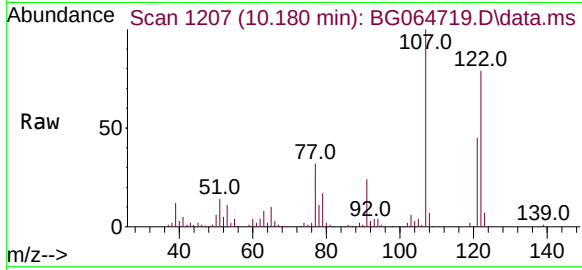
Tgt Ion:139 Resp: 65701
Ion Ratio Lower Upper
139 100
109 36.9 24.6 37.0
65 60.6 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 51.778 ng
RT: 10.180 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

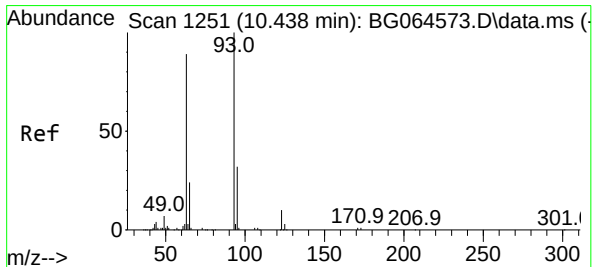
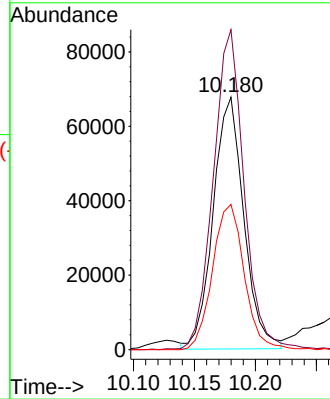
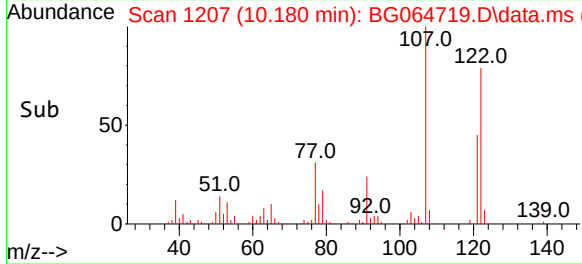
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



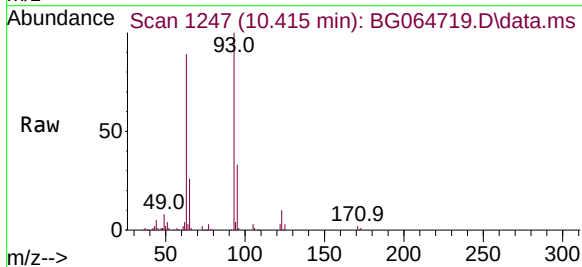
Tgt Ion:122 Resp: 118614
Ion Ratio Lower Upper
122 100
107 126.8 103.0 154.4
121 57.5 47.8 71.8

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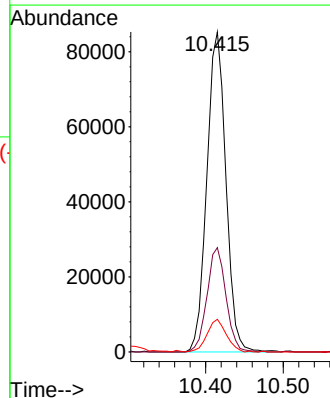
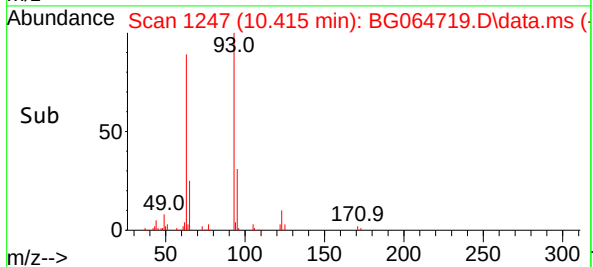
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

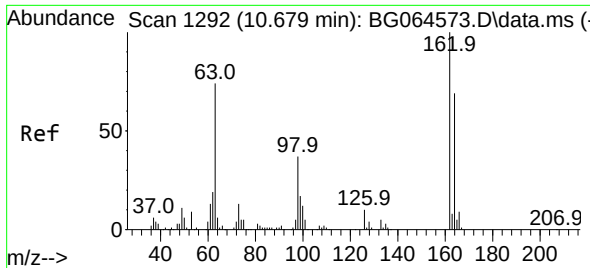


#28
bis(2-Chloroethoxy)methane
Concen: 41.403 ng
RT: 10.415 min Scan# 1247
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54



Tgt Ion: 93 Resp: 145179
Ion Ratio Lower Upper
93 100
95 32.6 25.4 38.2
123 10.2 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 54.072 ng

RT: 10.668 min Scan# 1292

Delta R.T. -0.011 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

Instrument :

BNA_G

ClientSampleId :

PB170446BSD

Tgt Ion:162 Resp: 133309

Ion Ratio Lower Upper

162 100

164 70.0 48.7 88.7

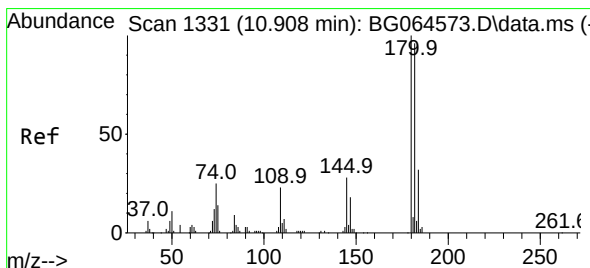
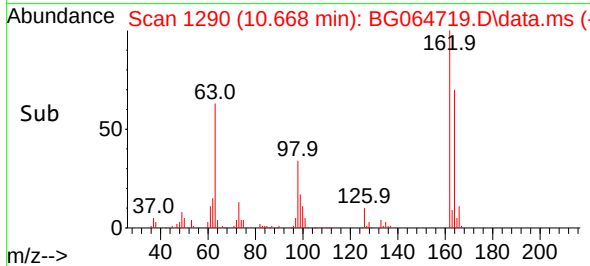
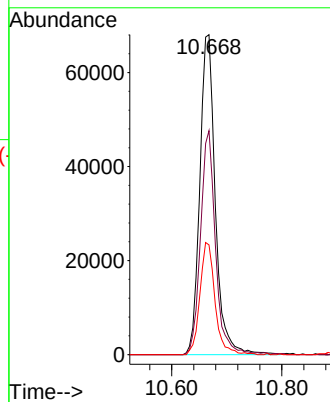
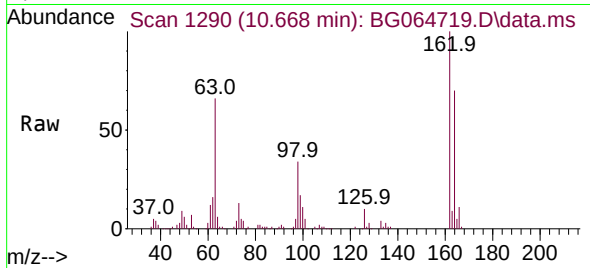
98 34.3 16.9 56.9

Manual Integrations

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Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#30

1,2,4-Trichlorobenzene

Concen: 53.335 ng

RT: 10.885 min Scan# 1327

Delta R.T. -0.023 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

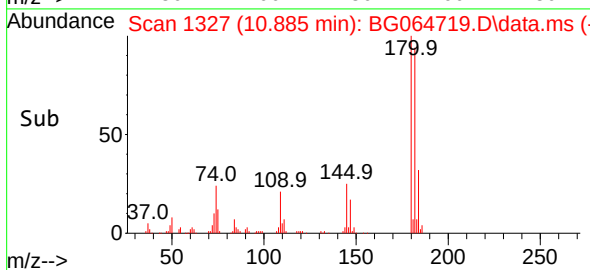
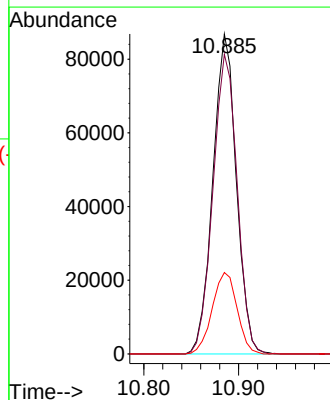
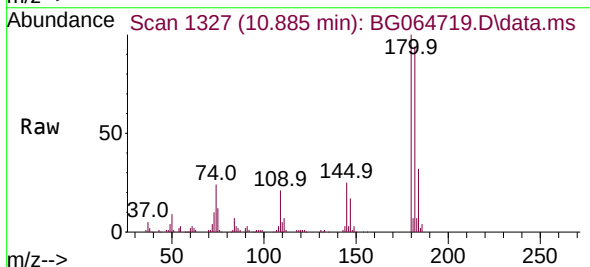
Tgt Ion:180 Resp: 149399

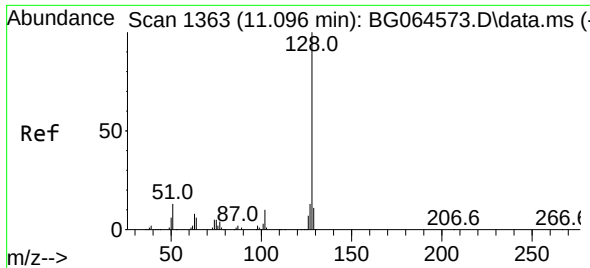
Ion Ratio Lower Upper

180 100

182 93.6 76.9 115.3

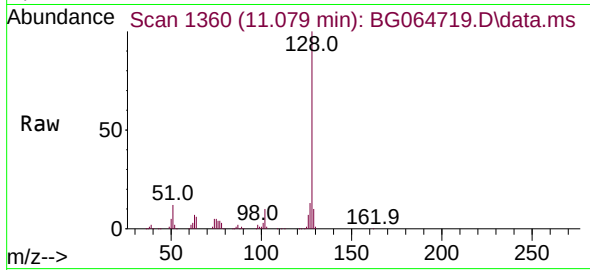
145 25.4 22.1 33.1





#31
Naphthalene
Concen: 44.621 ng
RT: 11.079 min Scan# 1363
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

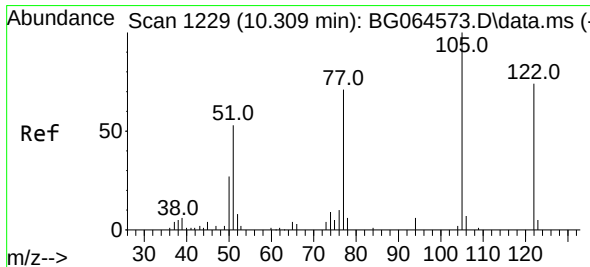
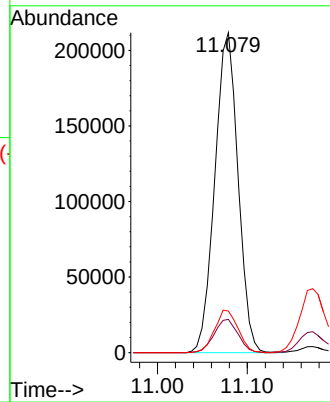
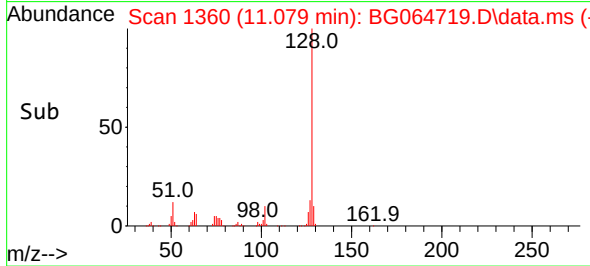
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



Tgt Ion:128 Resp: 381362
Ion Ratio Lower Upper
128 100
129 10.4 8.8 13.2
127 13.0 10.6 15.8

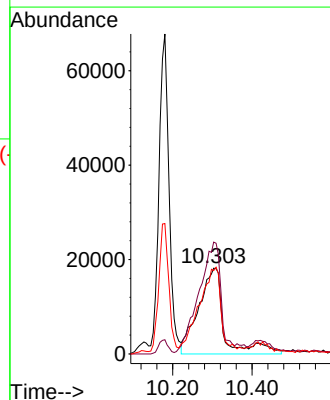
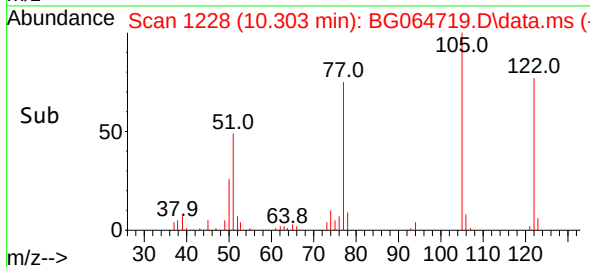
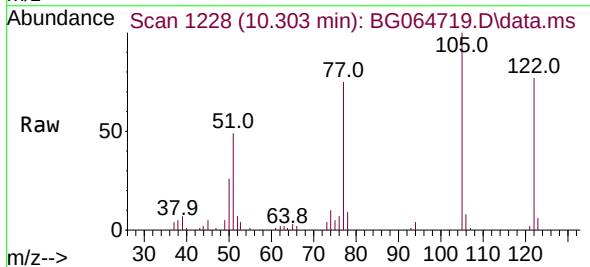
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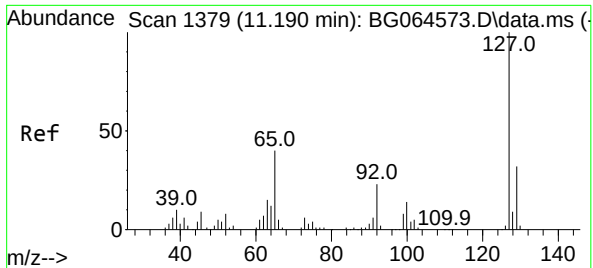
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#32
Benzoic acid
Concen: 46.831 ng m
RT: 10.303 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Tgt Ion:122 Resp: 81522
Ion Ratio Lower Upper
122 100
105 130.4 104.2 144.2
77 97.2 70.2 110.2





#33
4-Chloroaniline
Concen: 26.439 ng
RT: 11.173 min Scan# 1376
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Instrument :

BNA_G

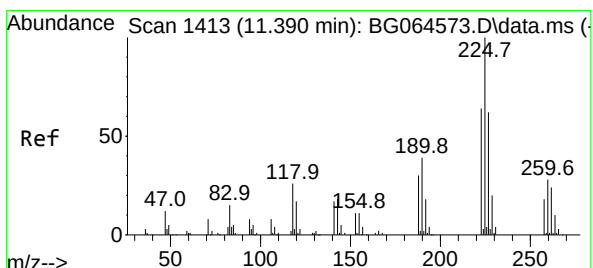
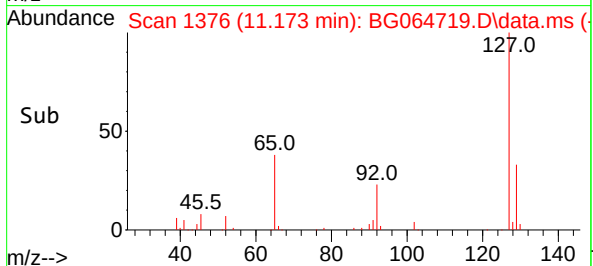
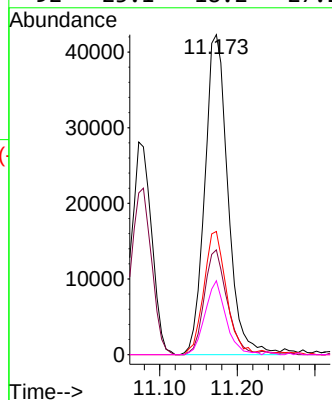
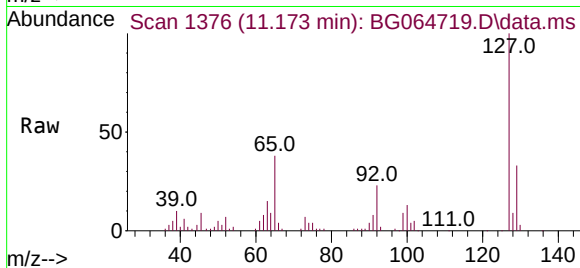
ClientSampleId :

PB170446BSD

Tgt Ion:127 Resp: 87831
Ion Ratio Lower Upper
127 100
129 32.7 25.5 38.3
65 38.5 32.2 48.4
92 23.1 18.2 27.2

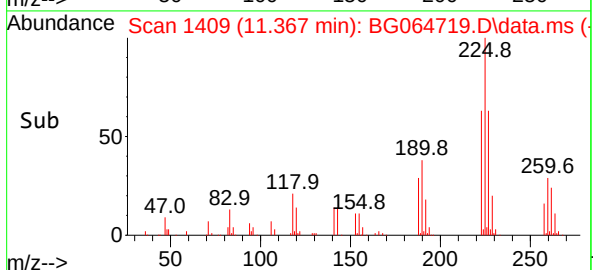
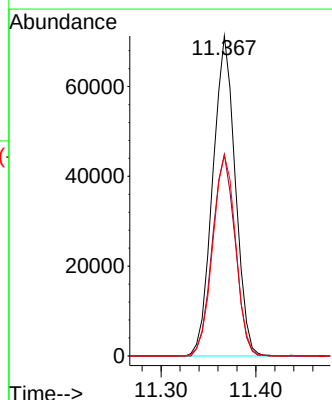
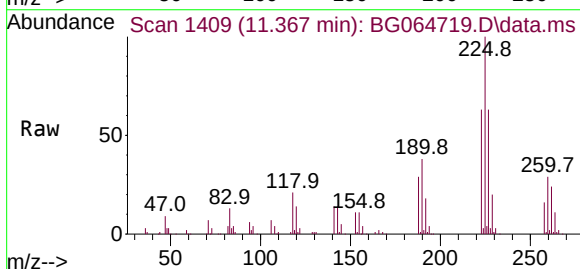
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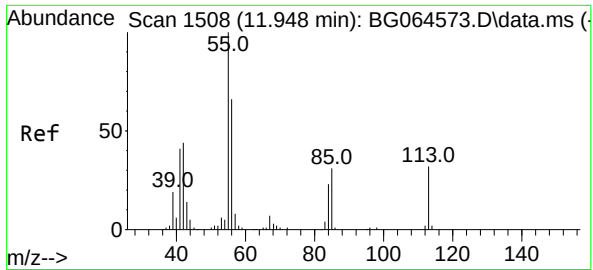
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#34
Hexachlorobutadiene
Concen: 53.622 ng
RT: 11.367 min Scan# 1409
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

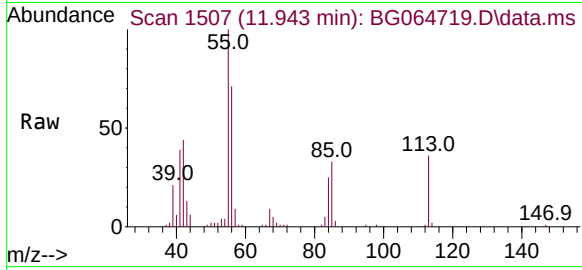
Tgt Ion:225 Resp: 117468
Ion Ratio Lower Upper
225 100
223 63.0 48.8 73.2
227 62.7 49.5 74.3





#35
Caprolactam
Concen: 39.989 ng m
RT: 11.943 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

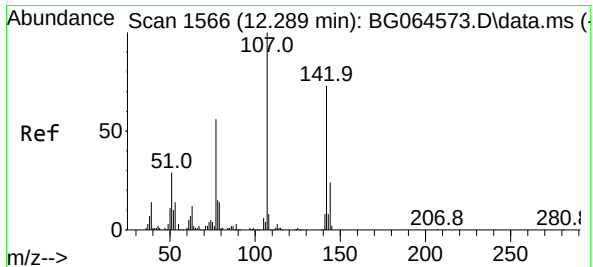
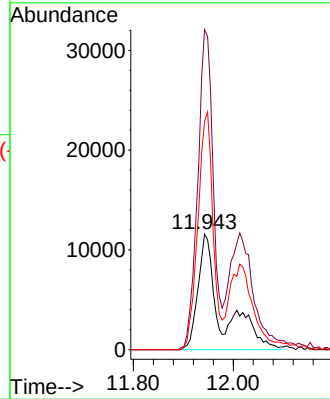
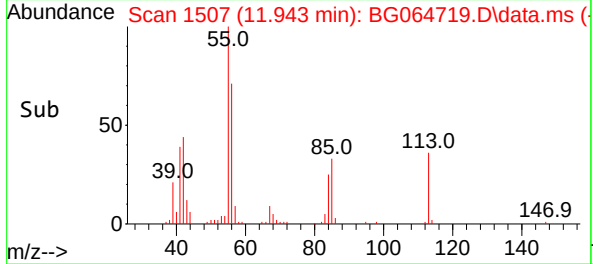
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



Tgt Ion:113 Resp: 37813
Ion Ratio Lower Upper
113 100
55 277.0 290.1 330.1
56 197.6 183.8 223.8

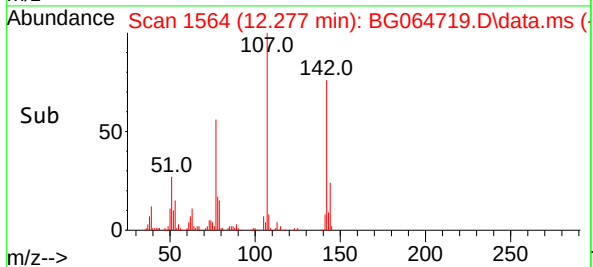
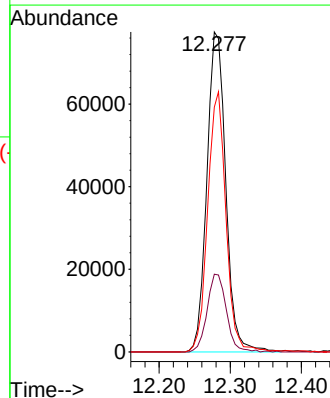
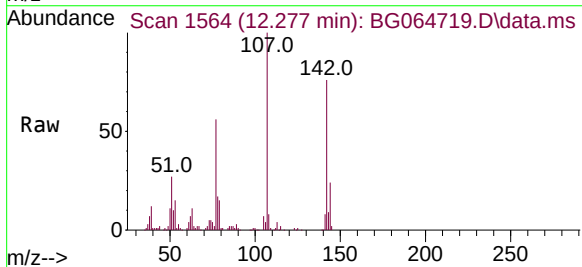
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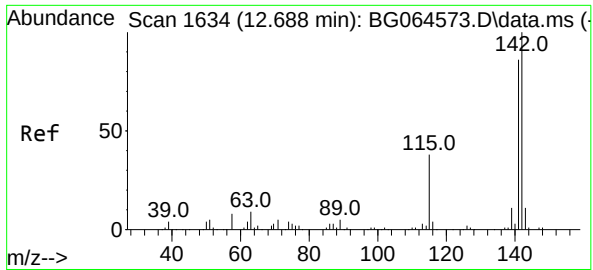
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#36
4-Chloro-3-methylphenol
Concen: 48.162 ng
RT: 12.277 min Scan# 1564
Delta R.T. -0.011 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

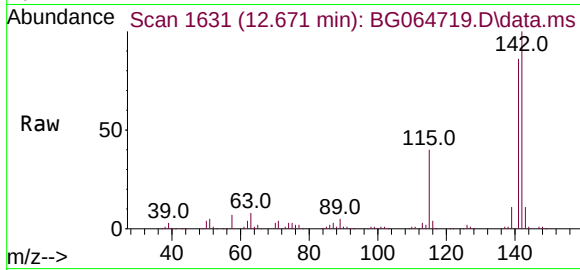
Tgt Ion:107 Resp: 142725
Ion Ratio Lower Upper
107 100
144 24.3 19.1 28.7
142 76.5 58.6 87.8





#37
2-Methylnaphthalene
Concen: 45.561 ng
RT: 12.671 min Scan# 1631
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

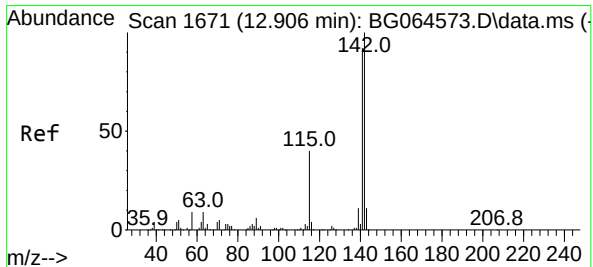
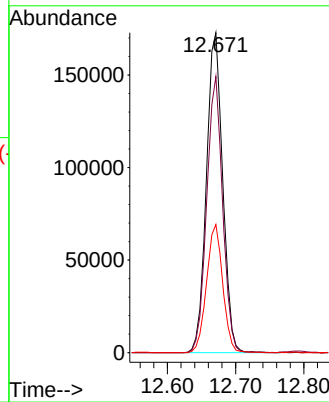
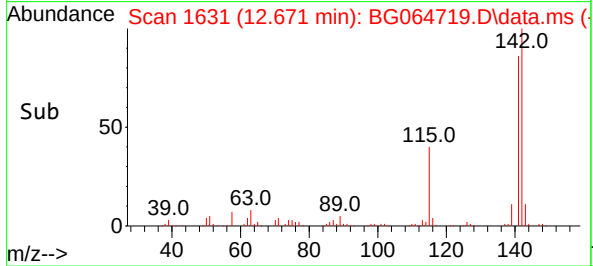
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



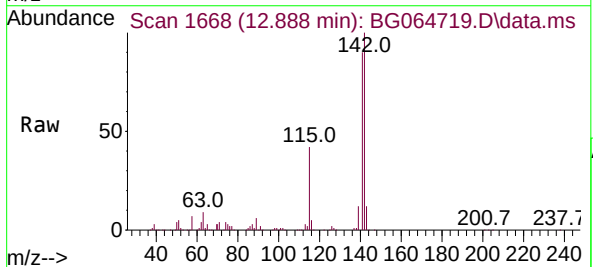
Tgt Ion:142 Resp: 285895
Ion Ratio Lower Upper
142 100
141 86.3 68.9 103.3
115 40.0 30.6 46.0

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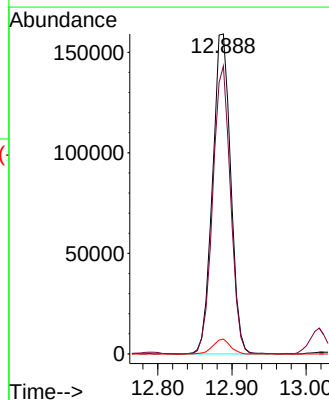
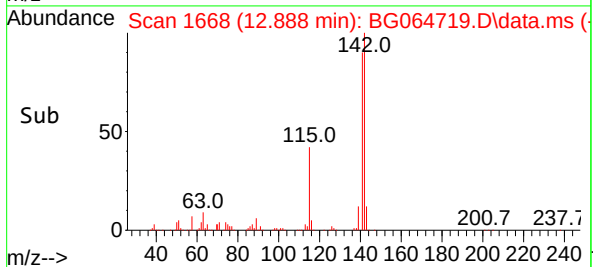
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

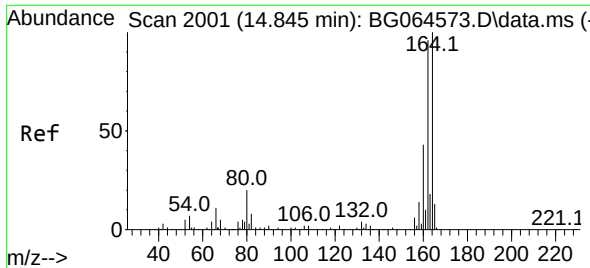


#38
1-Methylnaphthalene
Concen: 43.540 ng
RT: 12.888 min Scan# 1668
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54



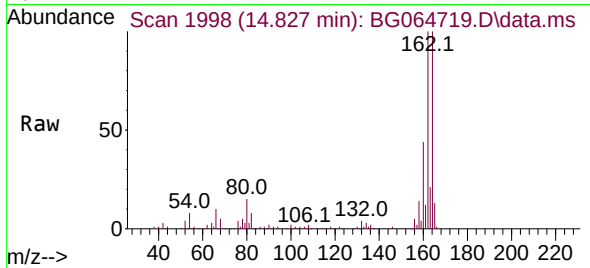
Tgt Ion:142 Resp: 270471
Ion Ratio Lower Upper
142 100
141 90.0 73.3 109.9
116 4.6 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.827 min Scan# 1998
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

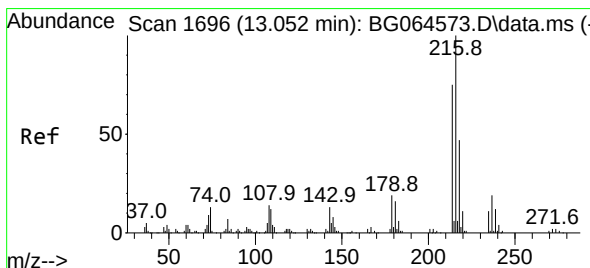
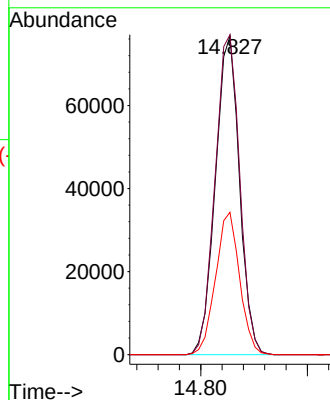
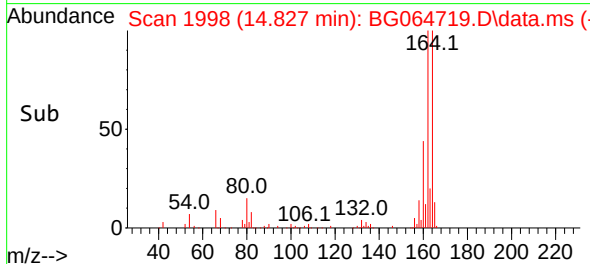
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



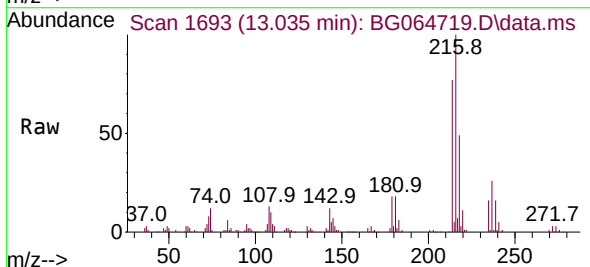
Tgt Ion:164 Resp: 120328
Ion Ratio Lower Upper
164 100
162 100.4 77.0 115.6
160 44.7 34.4 51.6

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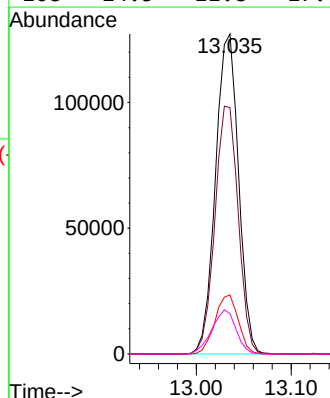
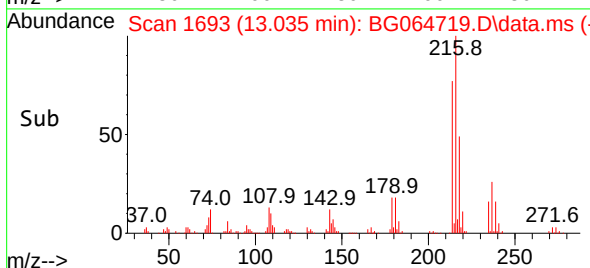
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

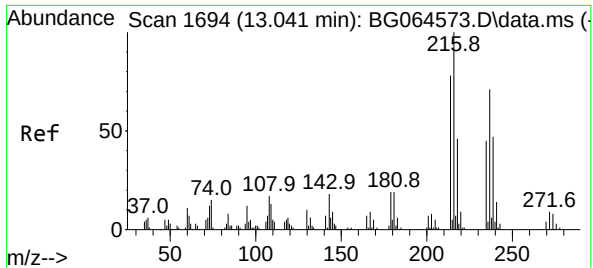


#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.225 ng
RT: 13.035 min Scan# 1693
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54



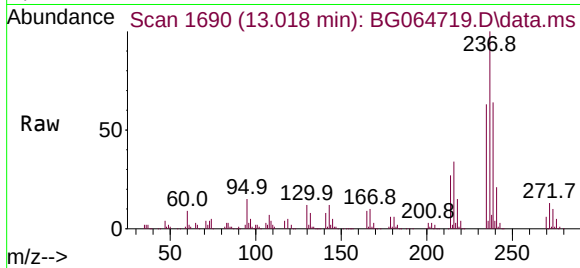
Tgt Ion:216 Resp: 214940
Ion Ratio Lower Upper
216 100
214 78.1 61.4 92.2
179 18.6 15.4 23.0
108 14.5 11.8 17.6





#41
Hexachlorocyclopentadiene
Concen: 136.701 ng
RT: 13.018 min Scan# 10
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

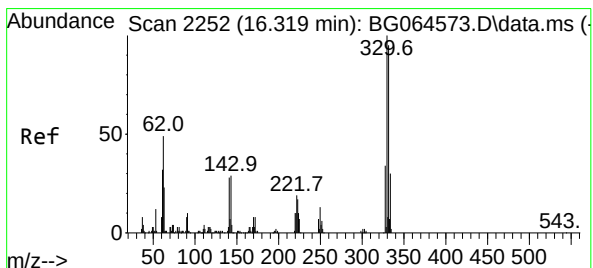
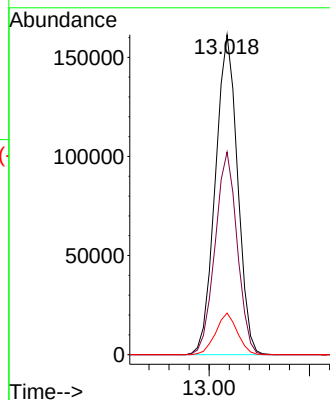
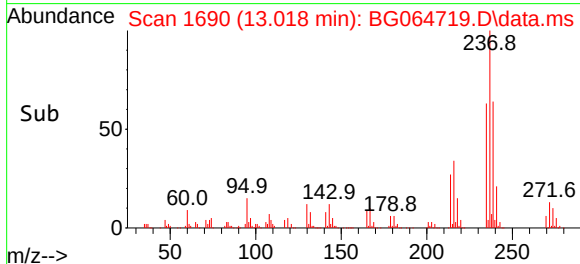
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



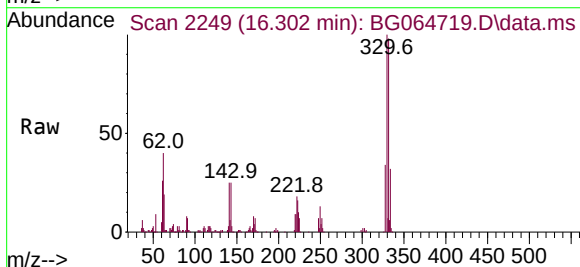
Tgt Ion:237 Resp: 248472
Ion Ratio Lower Upper
237 100
235 63.3 44.1 84.1
272 13.0 0.0 32.4

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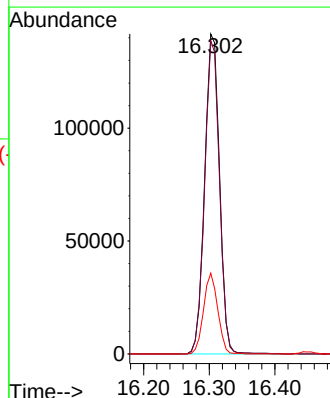
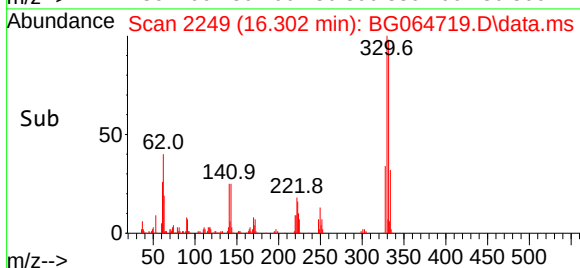
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

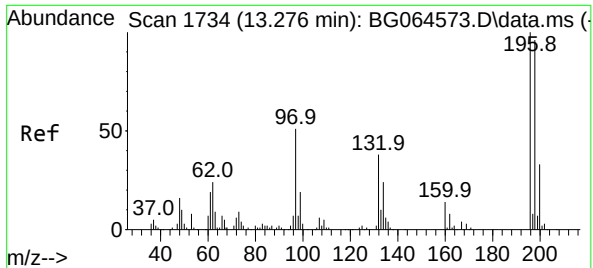


#42
2,4,6-Tribromophenol
Concen: 127.691 ng
RT: 16.302 min Scan# 2249
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54



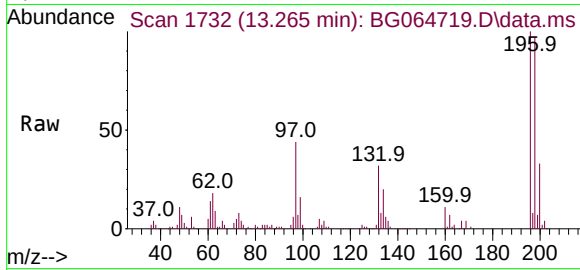
Tgt Ion:330 Resp: 221760
Ion Ratio Lower Upper
330 100
332 96.8 78.0 117.0
141 24.0 21.8 32.6





#43
2,4,6-Trichlorophenol
Concen: 58.432 ng
RT: 13.265 min Scan# 1732
Delta R.T. -0.011 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

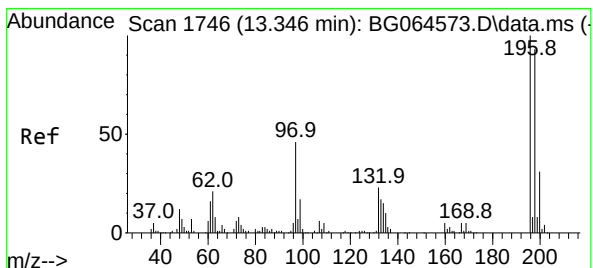
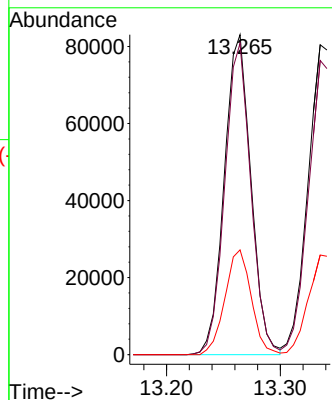
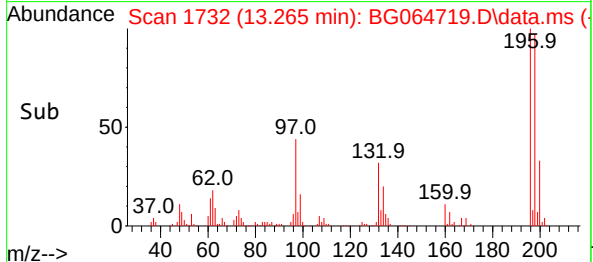
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



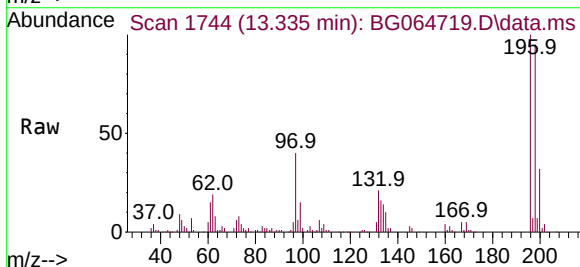
Tgt Ion:196 Resp: 134974
Ion Ratio Lower Upper
196 100
198 97.3 76.6 115.0
200 32.7 26.0 39.0

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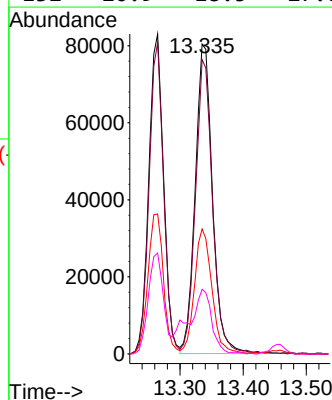
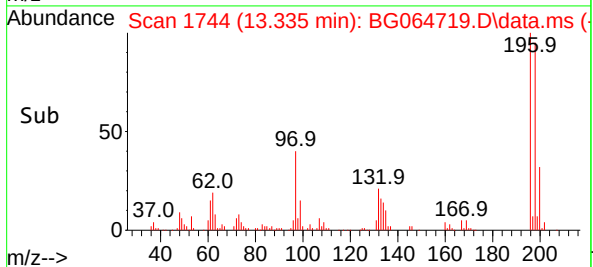
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

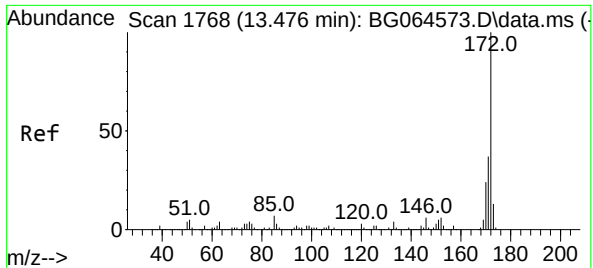


#44
2,4,5-Trichlorophenol
Concen: 57.305 ng
RT: 13.335 min Scan# 1744
Delta R.T. -0.011 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54



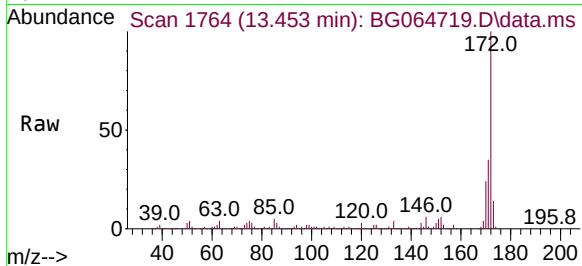
Tgt Ion:196 Resp: 152756
Ion Ratio Lower Upper
196 100
198 95.0 74.2 111.4
97 40.3 37.0 55.6
132 20.9 18.5 27.7





#45
2-Fluorobiphenyl
Concen: 99.130 ng
RT: 13.453 min Scan# 1764
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

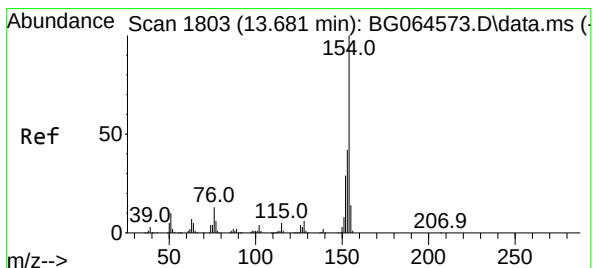
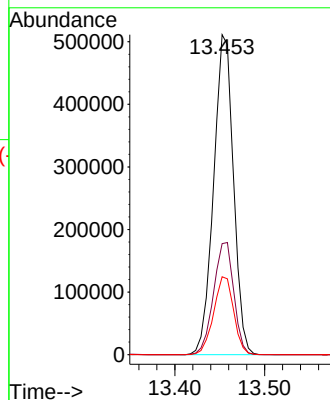
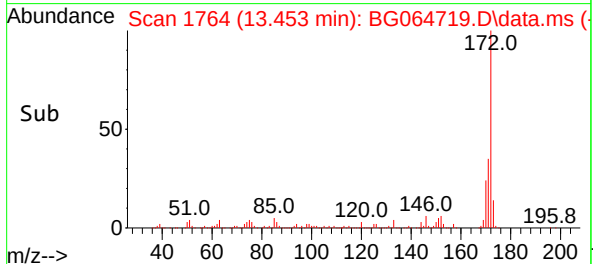
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



Tgt Ion:172 Resp: 786948
Ion Ratio Lower Upper
172 100
171 34.7 29.4 44.0
170 24.3 19.1 28.7

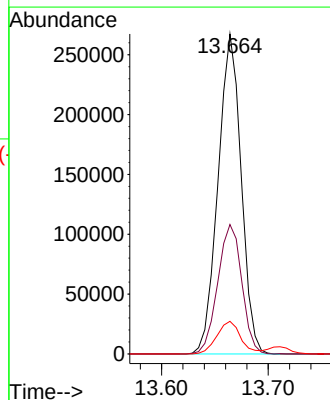
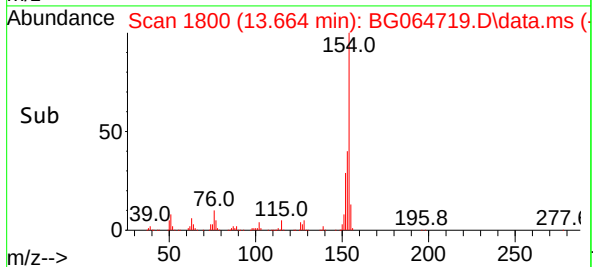
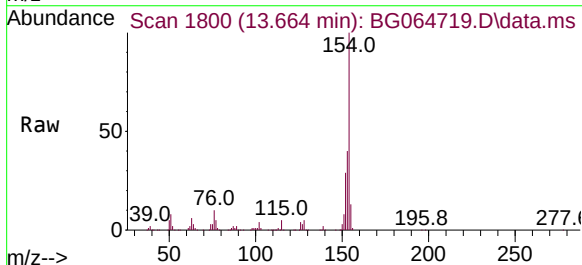
Manual Integrations
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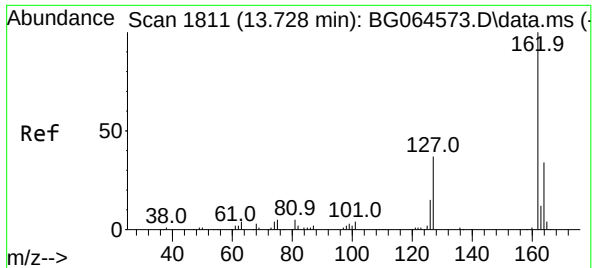
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#46
1,1'-Biphenyl
Concen: 47.096 ng
RT: 13.664 min Scan# 1800
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

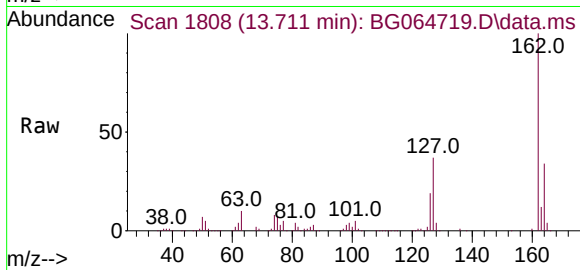
Tgt Ion:154 Resp: 402880
Ion Ratio Lower Upper
154 100
153 40.4 22.4 62.4
76 10.2 0.0 33.5





#47
2-Chloronaphthalene
Concen: 49.047 ng
RT: 13.711 min Scan# 1811
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

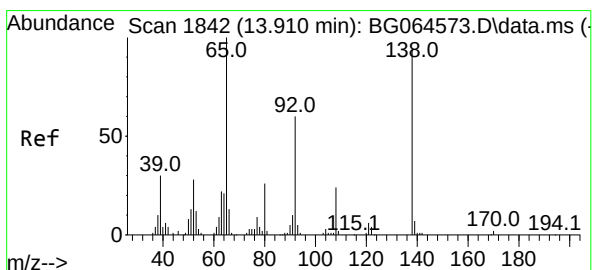
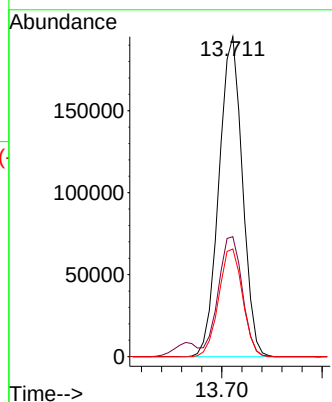
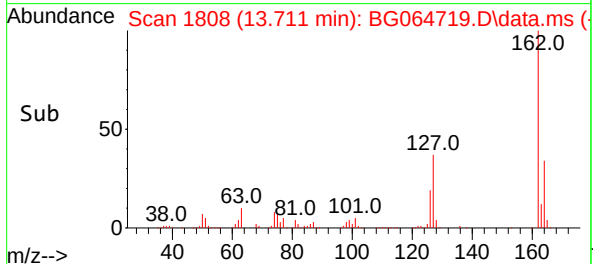
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



Tgt Ion:162 Resp: 31670
Ion Ratio Lower Upper
162 100
127 37.5 32.2 48.2
164 33.6 27.5 41.3

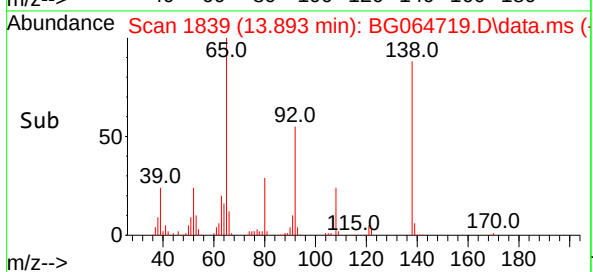
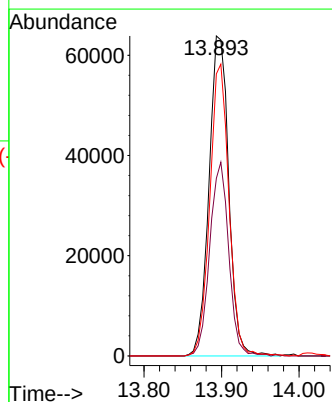
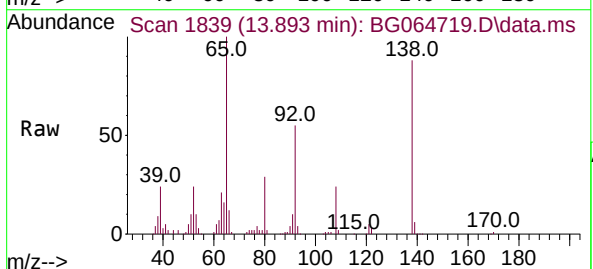
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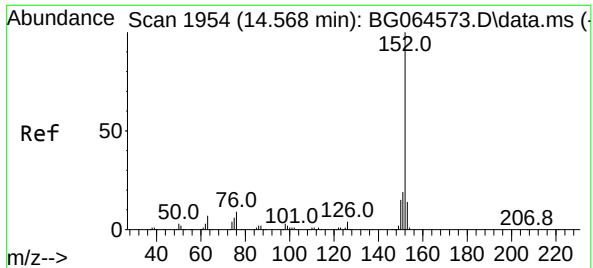
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#48
2-Nitroaniline
Concen: 51.860 ng
RT: 13.893 min Scan# 1839
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Tgt Ion: 65 Resp: 113021
Ion Ratio Lower Upper
65 100
92 55.5 48.3 72.5
138 88.1 74.9 112.3





#49

Acenaphthylene

Concen: 48.436 ng

RT: 14.551 min Scan# 1951

Delta R.T. -0.017 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

Instrument :

BNA_G

ClientSampleId :

PB170446BSD

Tgt Ion:152 Resp: 493325

Ion Ratio Lower Upper

152 100

151 19.6 15.4 23.2

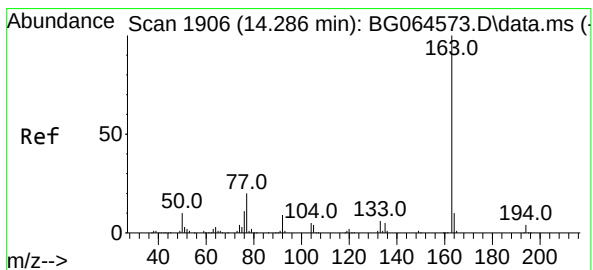
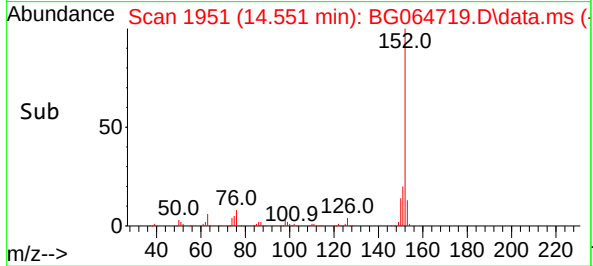
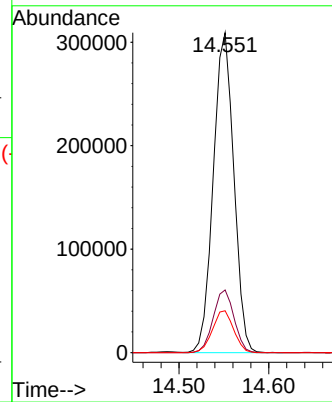
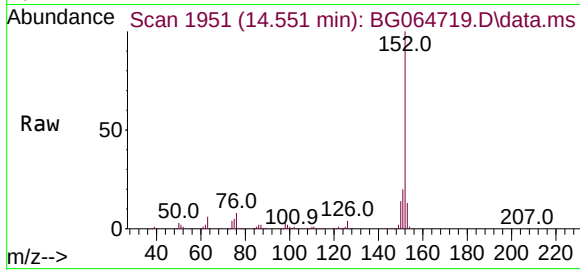
153 13.1 11.0 16.4

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Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#50

Dimethylphthalate

Concen: 48.113 ng

RT: 14.269 min Scan# 1903

Delta R.T. -0.017 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

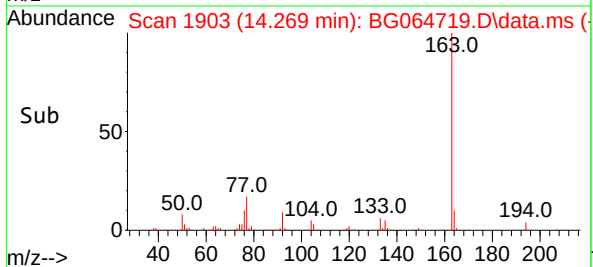
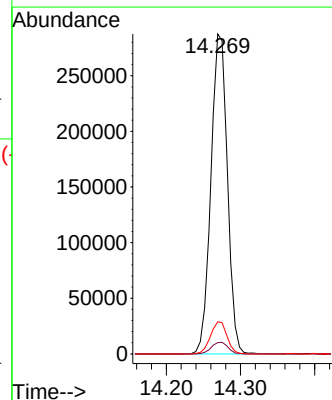
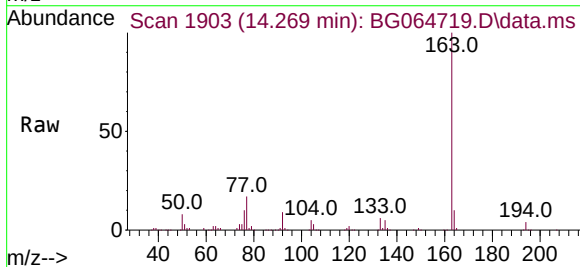
Tgt Ion:163 Resp: 443005

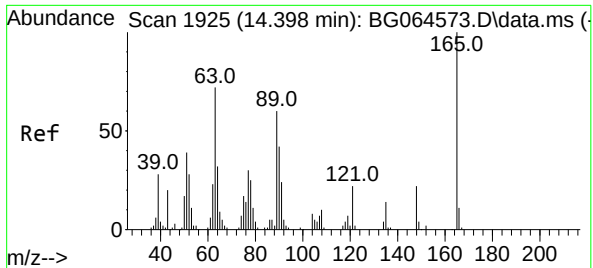
Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

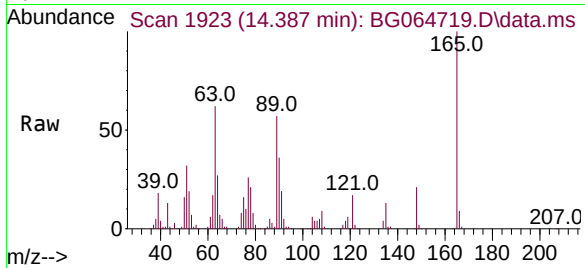
164 10.0 7.7 11.5





#51
2,6-Dinitrotoluene
Concen: 60.494 ng
RT: 14.387 min Scan# 1925
Delta R.T. -0.011 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

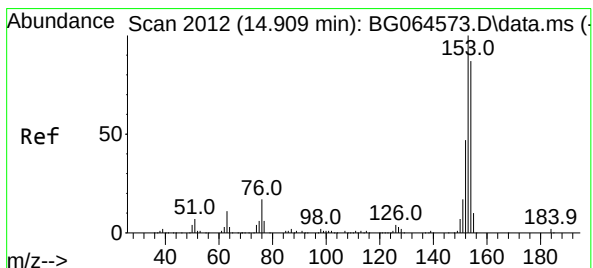
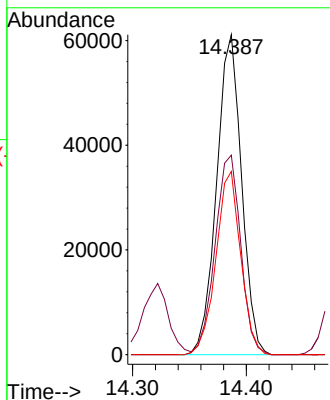
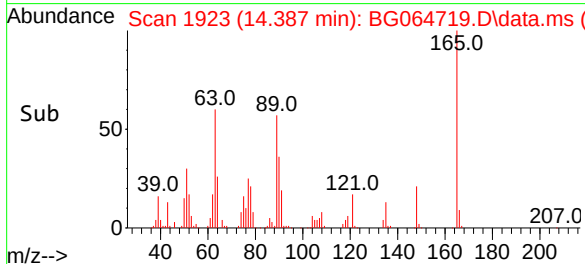
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



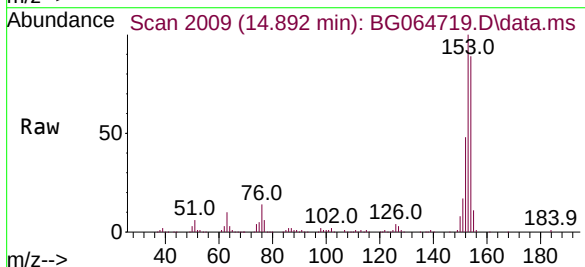
Tgt Ion:165 Resp: 93259
Ion Ratio Lower Upper
165 100
63 62.3 57.4 86.0
89 57.2 47.8 71.8

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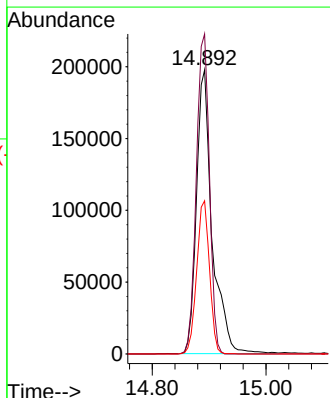
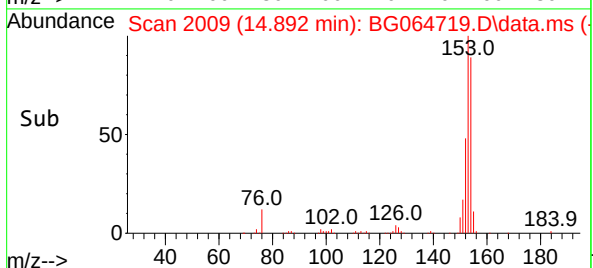
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

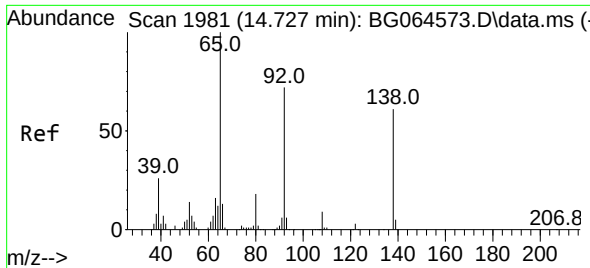


#52
Acenaphthene
Concen: 54.413 ng
RT: 14.892 min Scan# 2009
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54



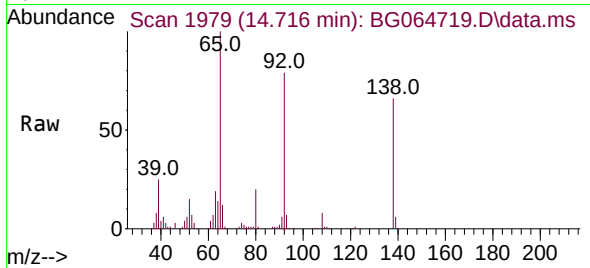
Tgt Ion:154 Resp: 378635
Ion Ratio Lower Upper
154 100
153 112.7 92.2 138.4
152 53.9 43.2 64.8





#53
3-Nitroaniline
Concen: 43.732 ng
RT: 14.716 min Scan# 1981
Delta R.T. -0.011 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

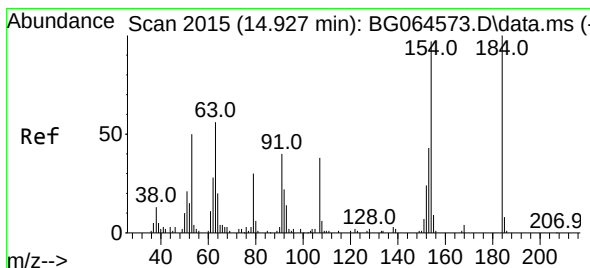
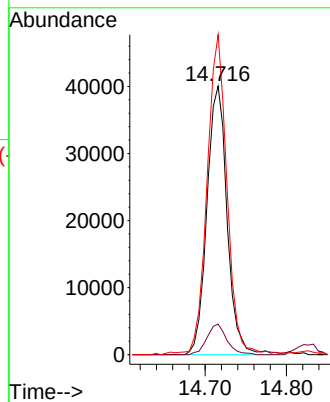
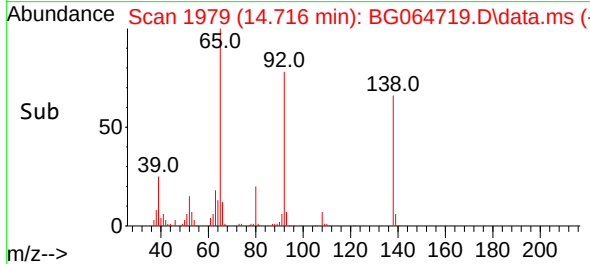
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



Tgt Ion:138 Resp: 69200
Ion Ratio Lower Upper
138 100
108 11.4 11.4 17.0
92 119.1 95.3 142.9

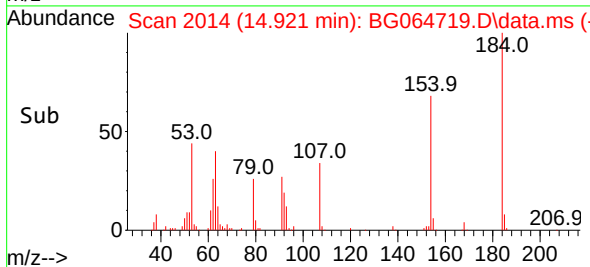
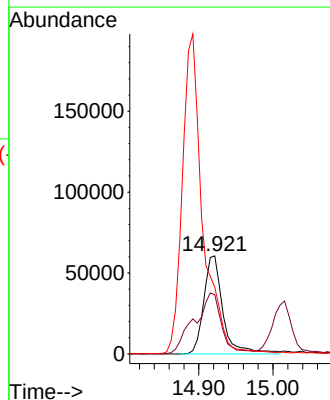
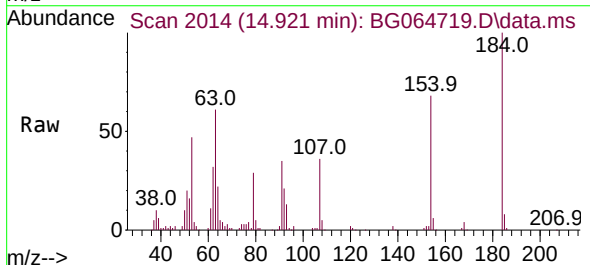
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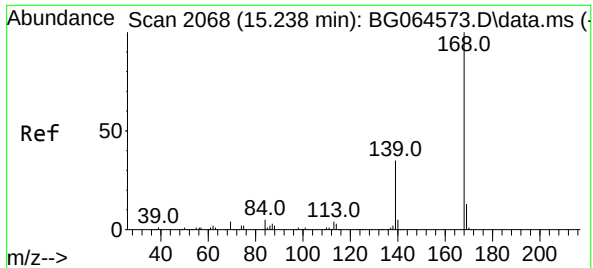
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#54
2,4-Dinitrophenol
Concen: 114.284 ng
RT: 14.921 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

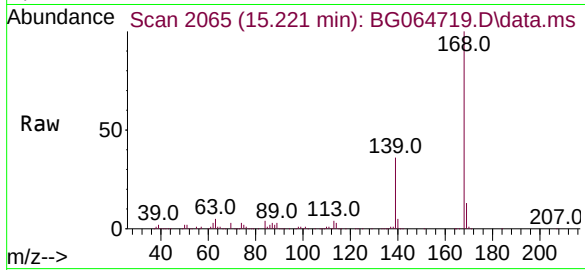
Tgt Ion:184 Resp: 108934
Ion Ratio Lower Upper
184 100
63 60.6 56.6 85.0
154 68.0 158.6 238.0#





#55
Dibenzenofuran
Concen: 48.385 ng
RT: 15.221 min Scan# 2065
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

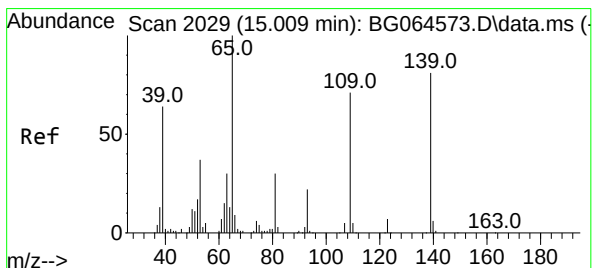
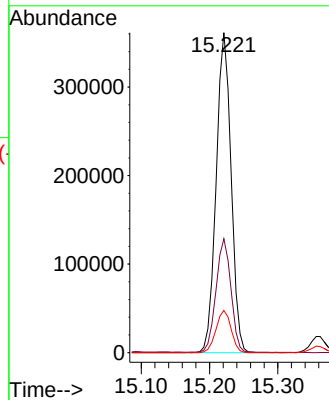
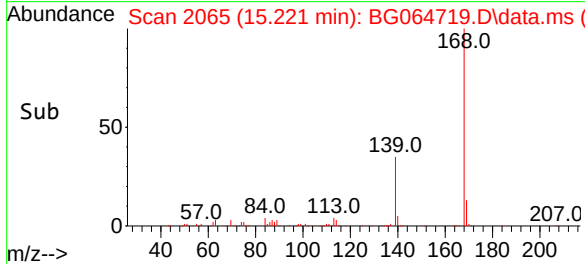
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



Tgt Ion:168 Resp: 544332
Ion Ratio Lower Upper
168 100
139 35.6 27.8 41.8
169 13.2 10.3 15.5

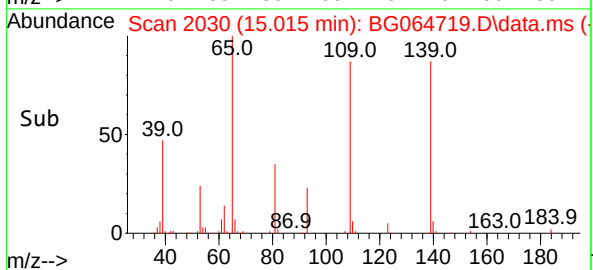
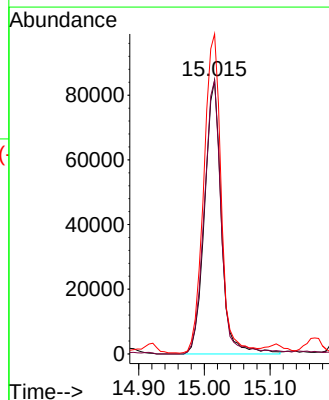
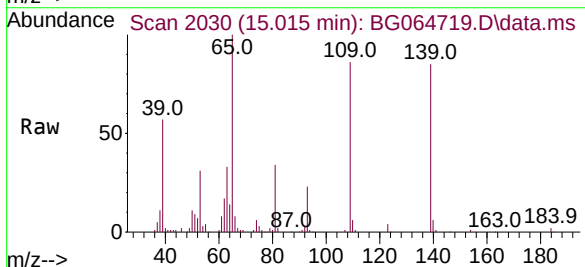
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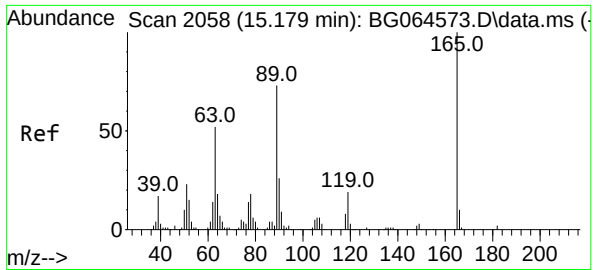
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#56
4-Nitrophenol
Concen: 101.830 ng
RT: 15.015 min Scan# 2030
Delta R.T. 0.006 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

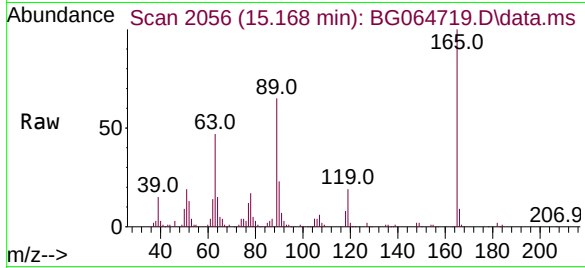
Tgt Ion:139 Resp: 149391
Ion Ratio Lower Upper
139 100
109 100.0 67.8 107.8
65 117.0 103.7 143.7





#57
2,4-Dinitrotoluene
Concen: 56.467 ng
RT: 15.168 min Scan# 2056
Delta R.T. -0.011 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

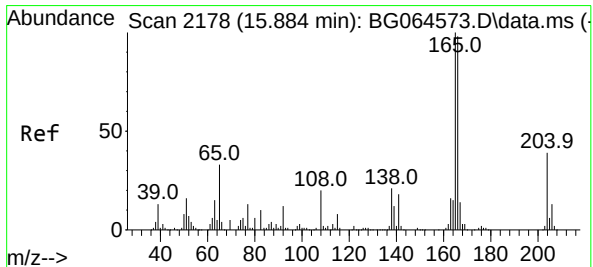
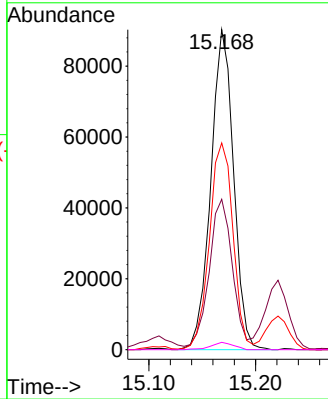
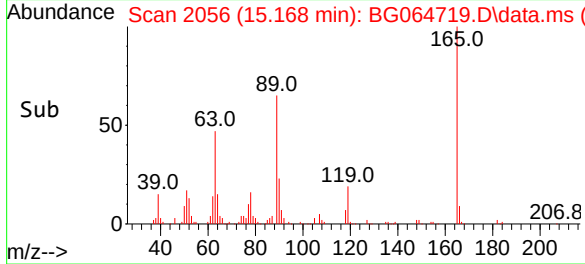
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



Tgt Ion:165 Resp: 133989
Ion Ratio Lower Upper
165 100
63 47.0 41.8 62.8
89 64.6 58.1 87.1
182 2.3 1.4 2.0#

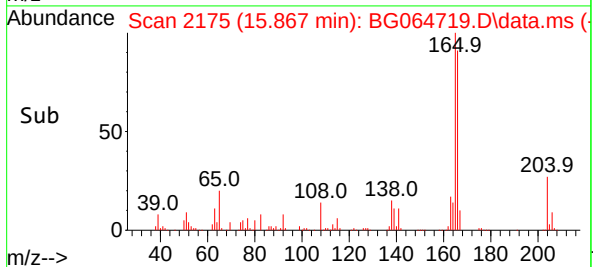
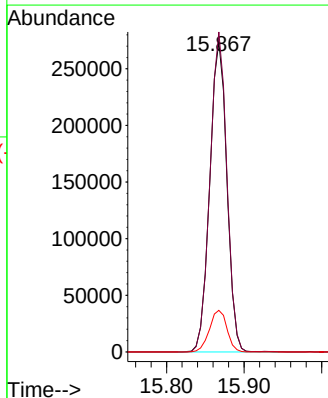
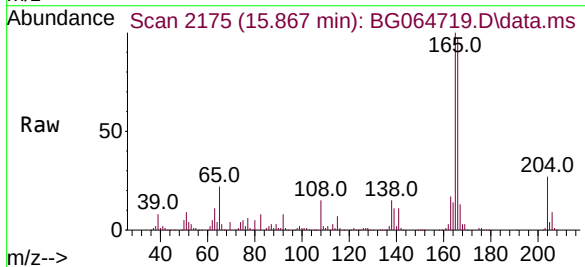
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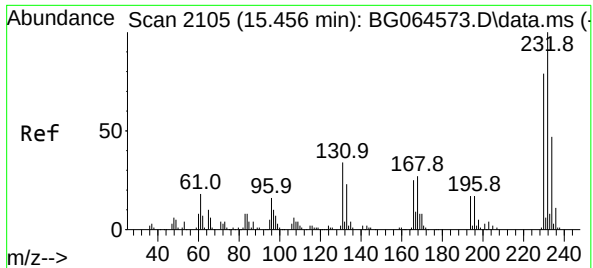
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#58
Fluorene
Concen: 47.824 ng
RT: 15.867 min Scan# 2175
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

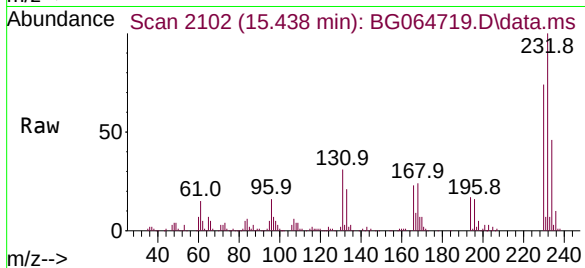
Tgt Ion:166 Resp: 420174
Ion Ratio Lower Upper
166 100
165 103.2 81.5 122.3
167 13.4 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 62.591 ng
RT: 15.438 min Scan# 2102
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

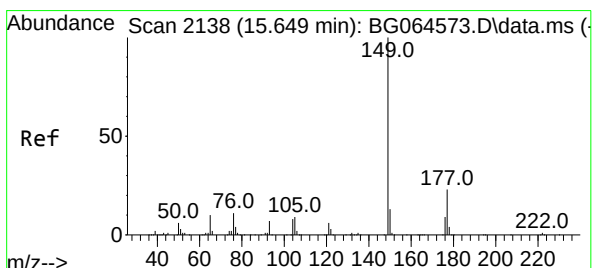
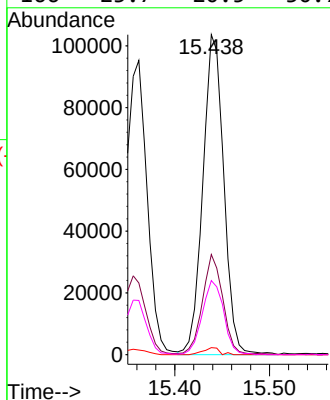
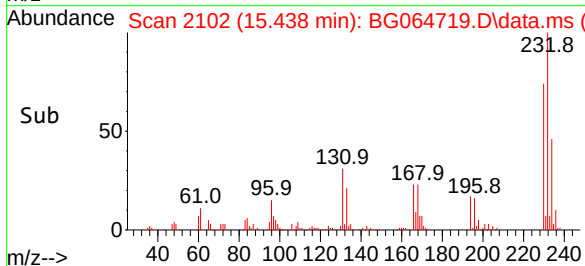
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



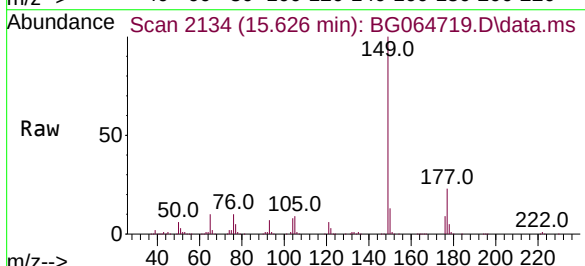
Tgt Ion:232 Resp: 159546
Ion Ratio Lower Upper
232 100
131 30.6 26.7 40.1
130 1.7 1.6 2.4
166 23.7 20.5 30.7

Manual Integrations
APPROVED

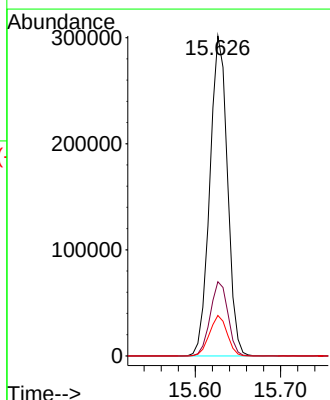
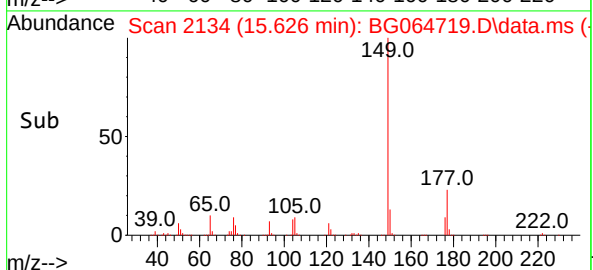
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

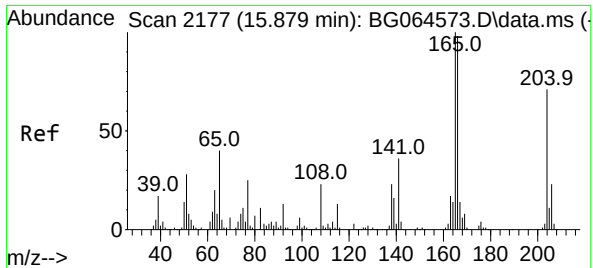


#60
Diethylphthalate
Concen: 45.995 ng
RT: 15.626 min Scan# 2134
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54



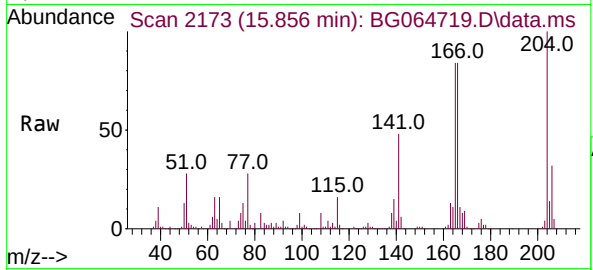
Tgt Ion:149 Resp: 432419
Ion Ratio Lower Upper
149 100
177 23.2 18.0 27.0
150 12.6 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 52.446 ng
RT: 15.856 min Scan# 2173
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

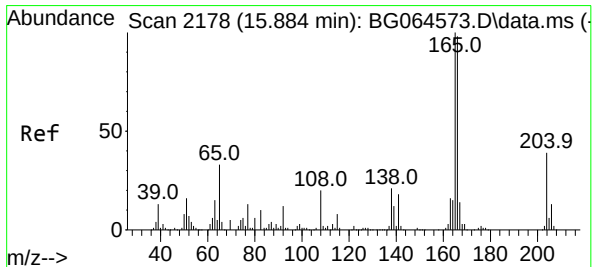
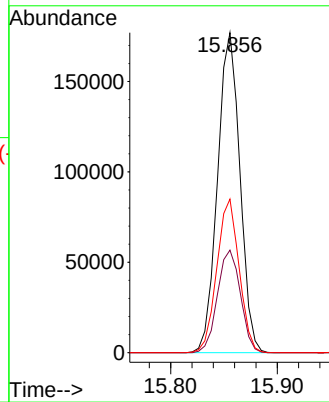
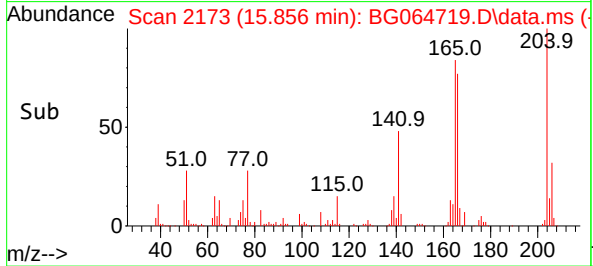
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



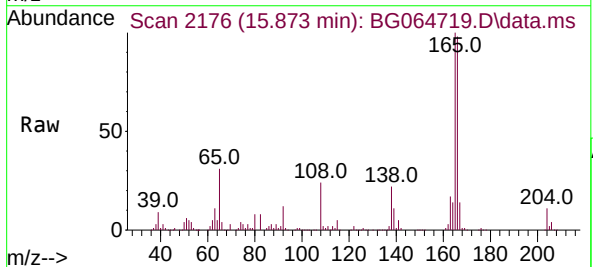
Tgt Ion:204 Resp: 258590
Ion Ratio Lower Upper
204 100
206 32.0 25.6 38.4
141 48.0 40.6 60.8

Manual Integrations
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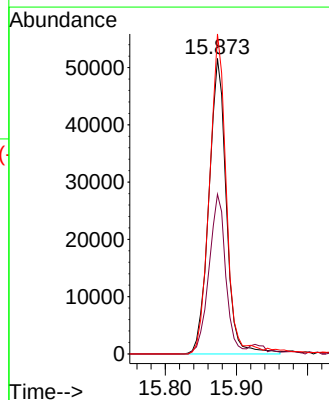
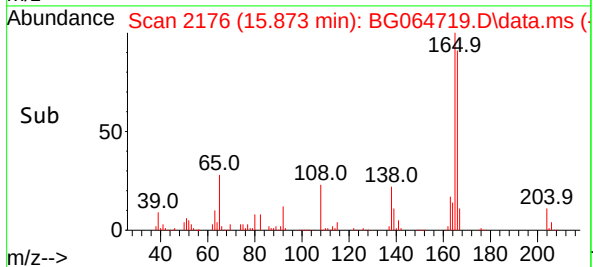
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

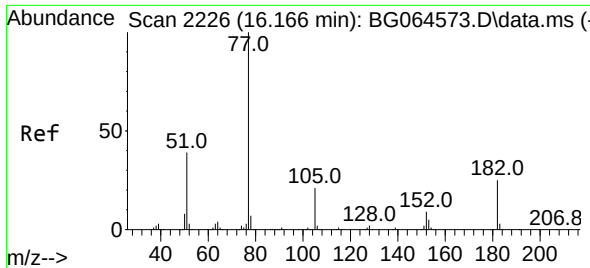


#62
4-Nitroaniline
Concen: 49.776 ng
RT: 15.873 min Scan# 2176
Delta R.T. -0.011 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54



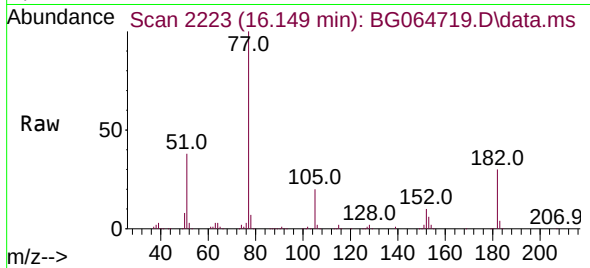
Tgt Ion:138 Resp: 87626
Ion Ratio Lower Upper
138 100
92 54.1 36.1 76.1
108 108.3 75.6 115.6





#63
Azobenzene
Concen: 41.738 ng
RT: 16.149 min Scan# 2223
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

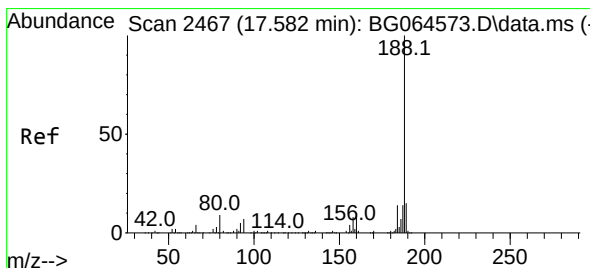
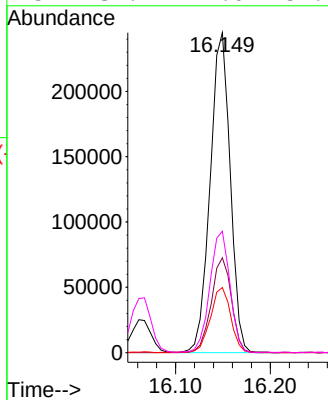
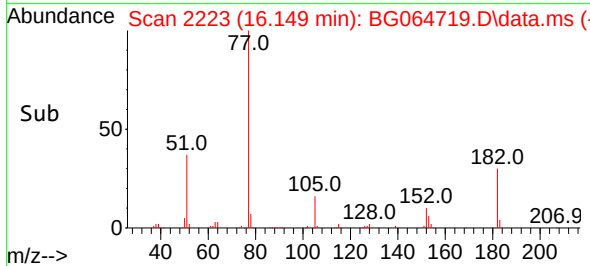
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



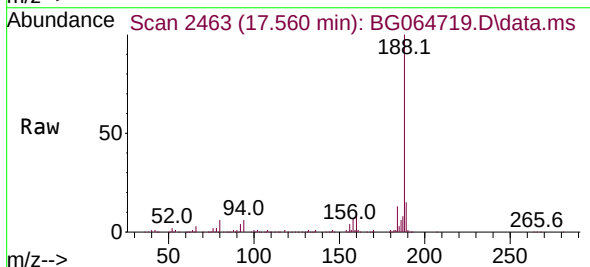
Tgt Ion: 77 Resp: 360037
Ion Ratio Lower Upper
77 100
182 29.6 4.9 44.9
105 20.3 1.3 41.3
51 37.9 19.0 59.0

Manual Integrations
APPROVED

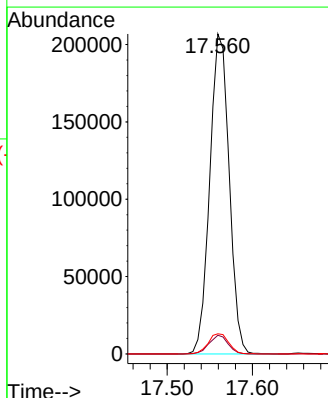
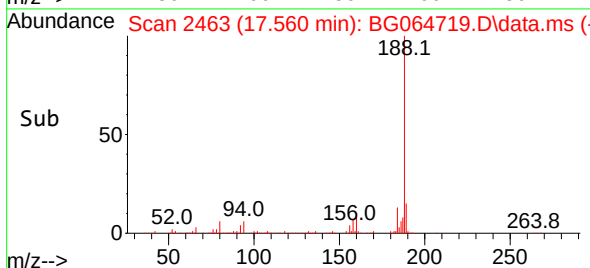
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

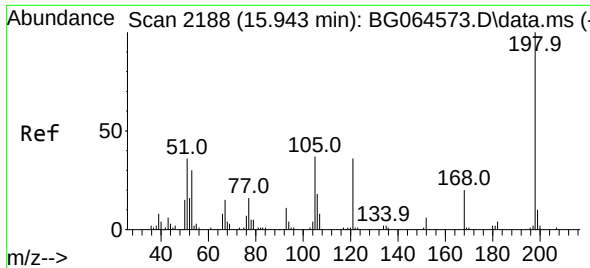


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.560 min Scan# 2463
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54



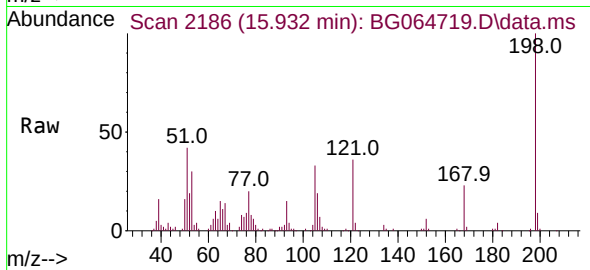
Tgt Ion:188 Resp: 326396
Ion Ratio Lower Upper
188 100
94 5.8 5.7 8.5
80 6.3 6.8 10.2#





#65
4,6-Dinitro-2-methylphenol
Concen: 56.868 ng
RT: 15.932 min Scan# 2186
Delta R.T. -0.011 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

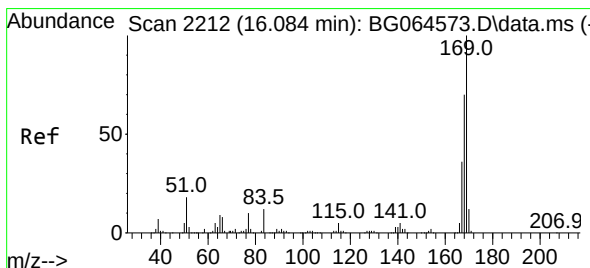
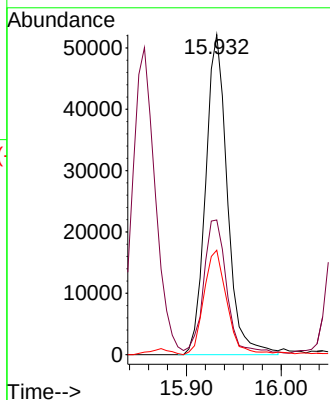
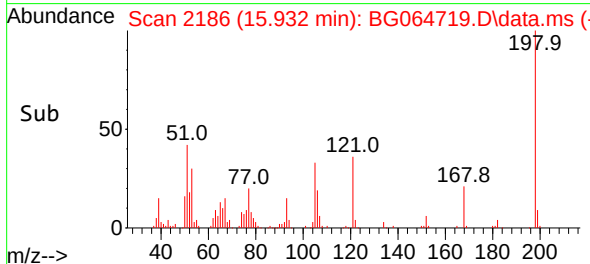
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



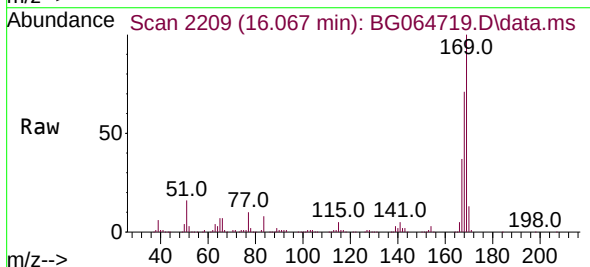
Tgt Ion:198 Resp: 83300
Ion Ratio Lower Upper
198 100
51 42.1 24.7 64.7
105 32.6 18.0 58.0

Manual Integrations
APPROVED

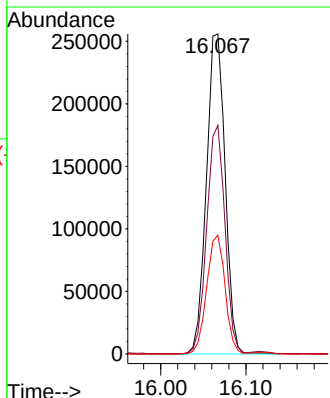
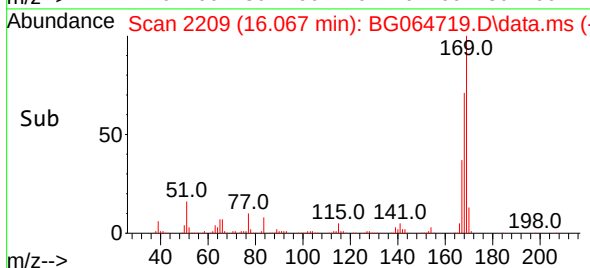
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

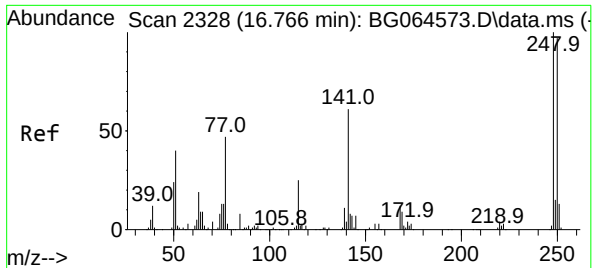


#66
n-Nitrosodiphenylamine
Concen: 44.196 ng
RT: 16.067 min Scan# 2209
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54



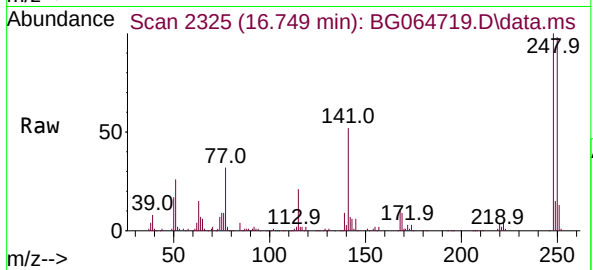
Tgt Ion:169 Resp: 389668
Ion Ratio Lower Upper
169 100
168 71.4 56.3 84.5
167 37.1 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 49.363 ng
RT: 16.749 min Scan# 2325
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

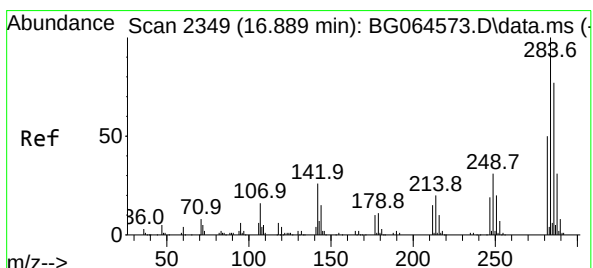
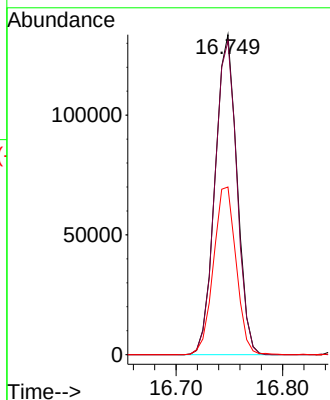
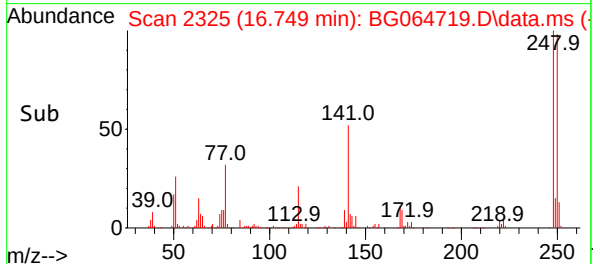
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



Tgt Ion:248 Resp: 190933
Ion Ratio Lower Upper
248 100
250 98.0 77.7 116.5
141 52.4 48.6 72.8

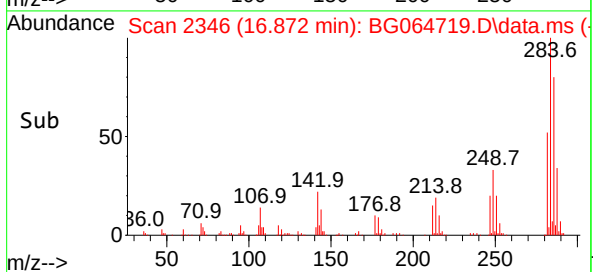
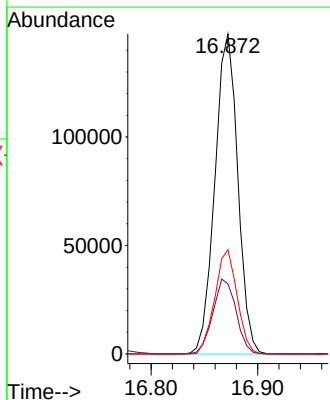
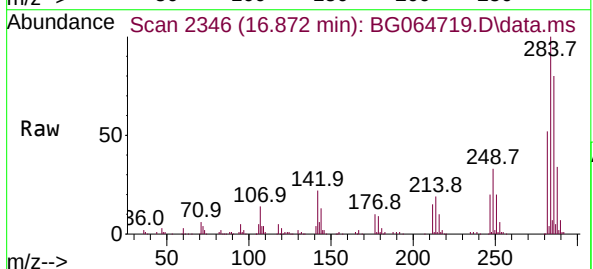
Manual Integrations
APPROVED

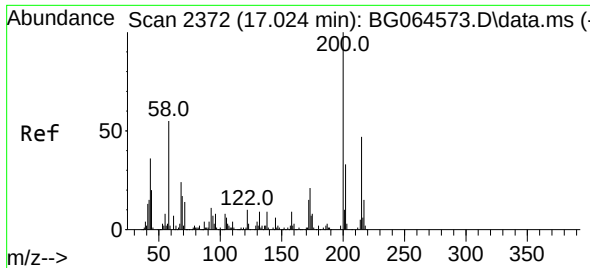
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#68
Hexachlorobenzene
Concen: 49.960 ng
RT: 16.872 min Scan# 2346
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Tgt Ion:284 Resp: 220455
Ion Ratio Lower Upper
284 100
142 21.9 21.0 31.6
249 34.7 24.9 37.3





#69

Atrazine

Concen: 29.584 ng

RT: 17.001 min Scan# 2368

Delta R.T. -0.023 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

Instrument :

BNA_G

ClientSampleId :

PB170446BSD

Tgt Ion:200 Resp: 112248

Ion Ratio Lower Upper

200 100

173 21.8 0.9 40.9

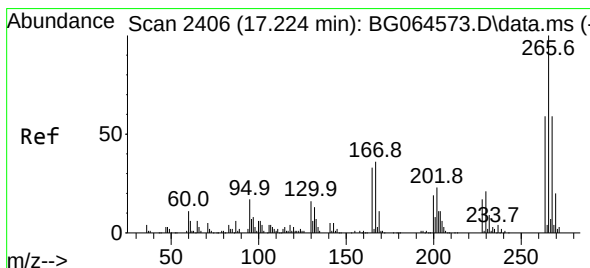
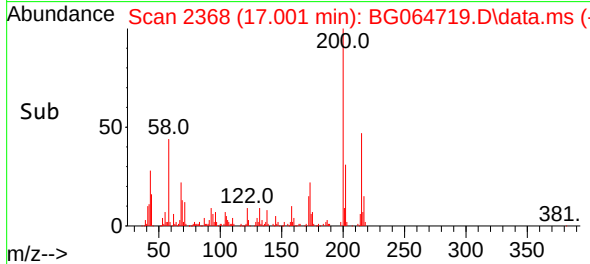
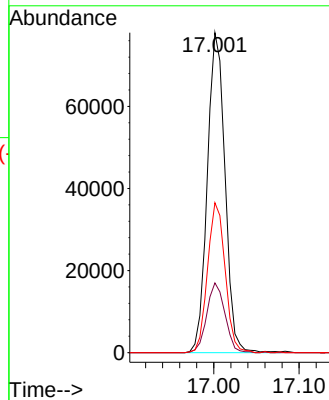
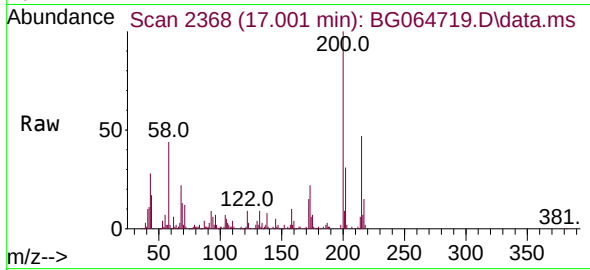
215 46.8 27.0 67.0

Manual Integrations

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Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#70

Pentachlorophenol

Concen: 82.524 ng

RT: 17.207 min Scan# 2403

Delta R.T. -0.017 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

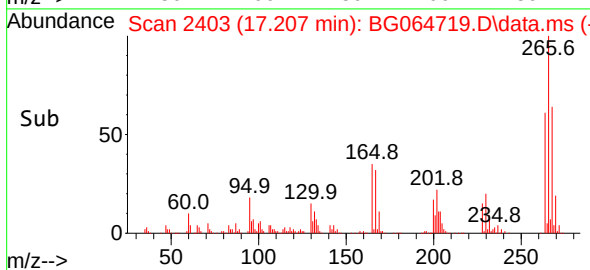
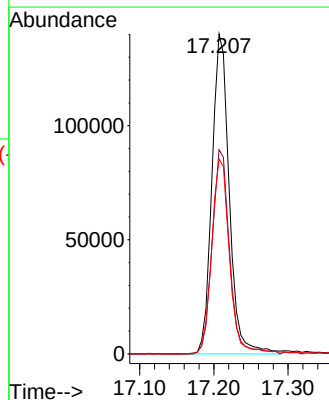
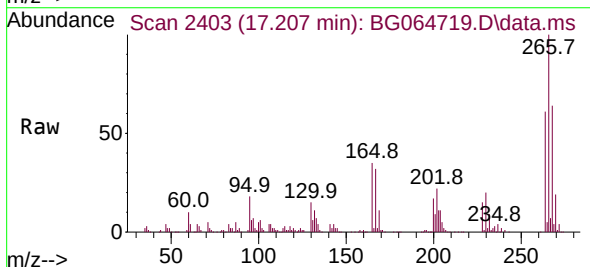
Tgt Ion:266 Resp: 227079

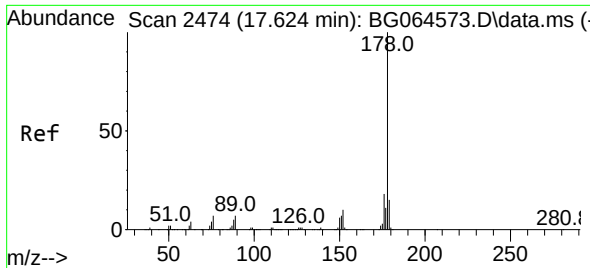
Ion Ratio Lower Upper

266 100

268 68.0 50.3 75.5

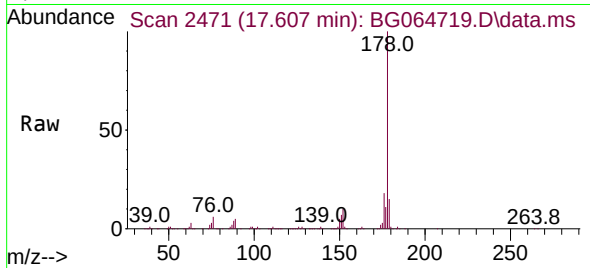
264 60.8 47.3 70.9





#71
Phenanthrene
Concen: 43.405 ng
RT: 17.607 min Scan# 2471
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

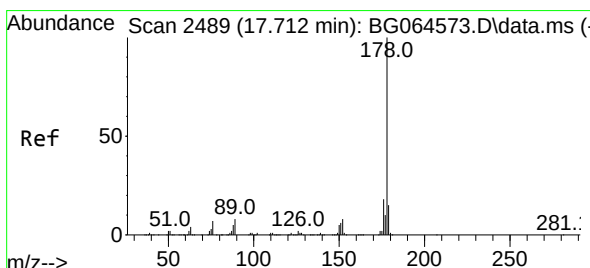
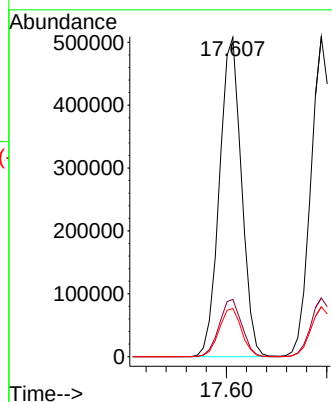
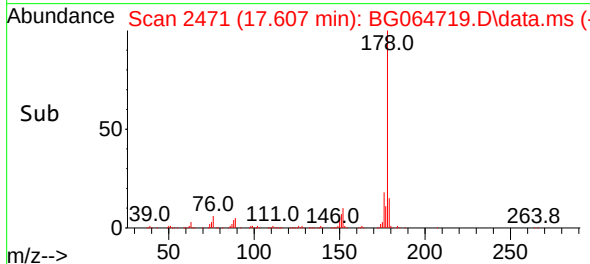
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



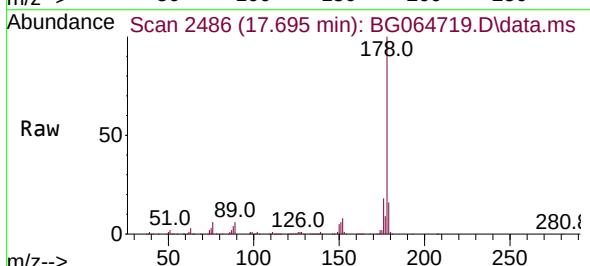
Tgt Ion:178 Resp: 774756
Ion Ratio Lower Upper
178 100
176 17.9 14.7 22.1
179 15.1 12.2 18.4

Manual Integrations
APPROVED

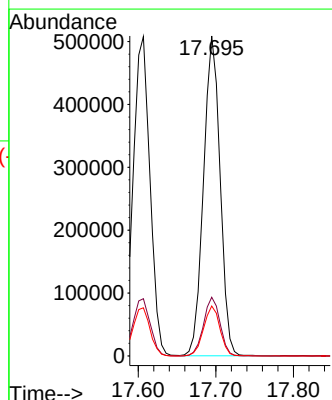
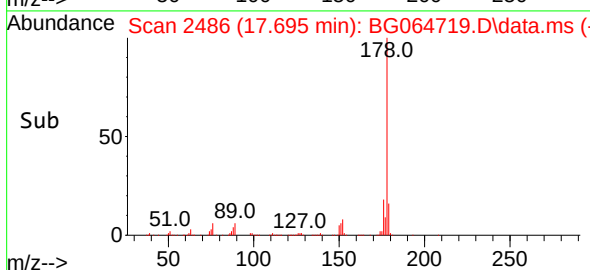
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

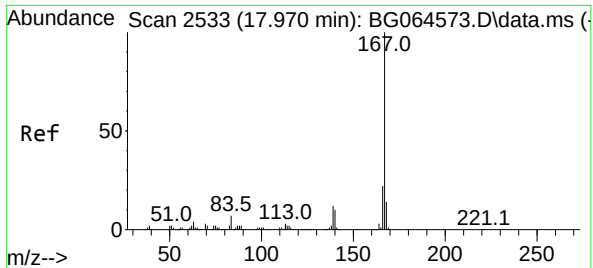


#72
Anthracene
Concen: 41.570 ng
RT: 17.695 min Scan# 2486
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54



Tgt Ion:178 Resp: 754777
Ion Ratio Lower Upper
178 100
176 18.3 14.4 21.6
179 15.6 12.4 18.6





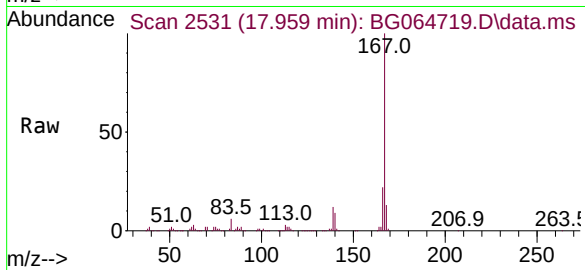
#73
 Carbazole
 Concen: 41.352 ng
 RT: 17.959 min Scan# 2531
 Delta R.T. -0.011 min
 Lab File: BG064719.D
 Acq: 7 Nov 2025 16:54

Instrument :

BNA_G

ClientSampleId :

PB170446BSD

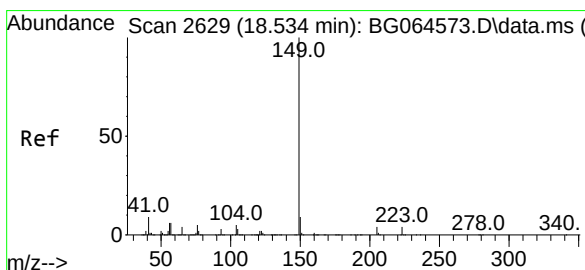
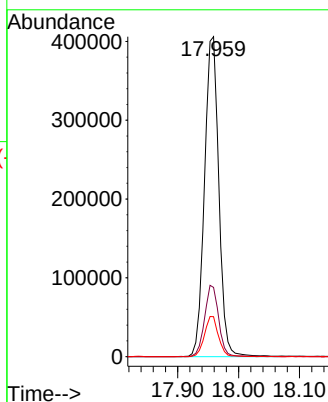
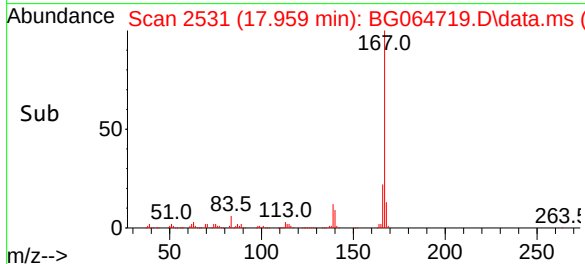


Tgt Ion:167 Resp: 662083
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.9 26.9
 139 12.5 9.7 14.5

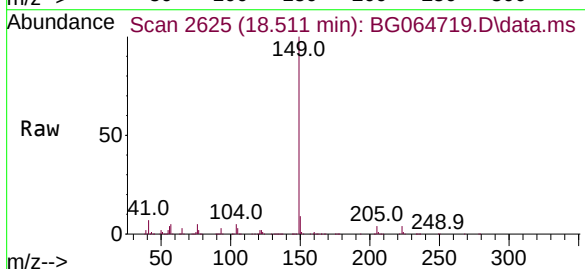
Manual Integrations

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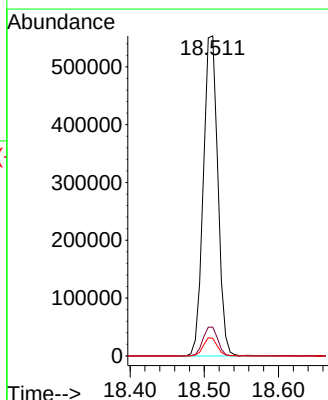
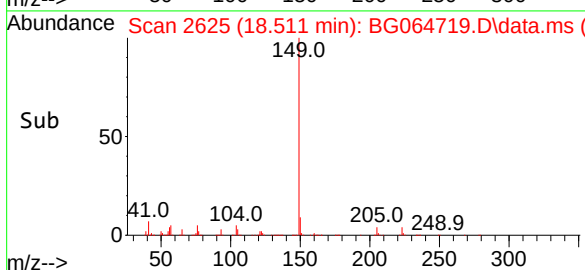
Reviewed By :Rahul Chavli 11/10/2025
 Supervised By :Jagrut Upadhyay 11/10/2025

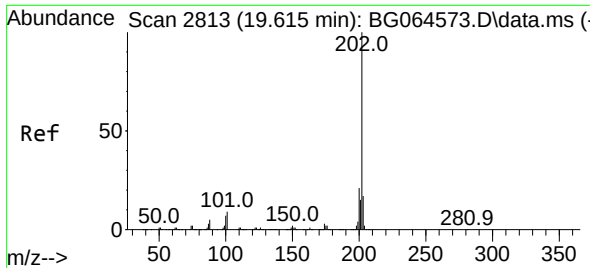


#74
 Di-n-butylphthalate
 Concen: 40.575 ng
 RT: 18.511 min Scan# 2625
 Delta R.T. -0.023 min
 Lab File: BG064719.D
 Acq: 7 Nov 2025 16:54



Tgt Ion:149 Resp: 751234
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.0 10.6
 104 5.5 4.1 6.1





#75
Fluoranthene
Concen: 43.363 ng
RT: 19.598 min Scan# 2813
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Instrument :

BNA_G

ClientSampleId :

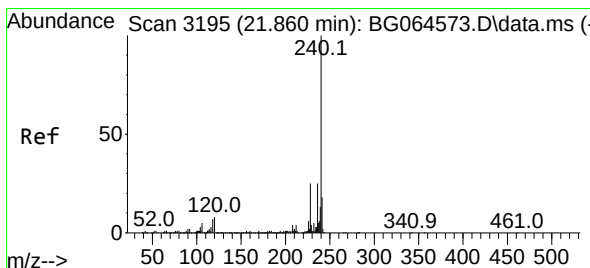
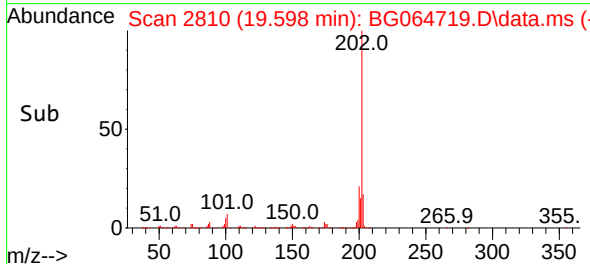
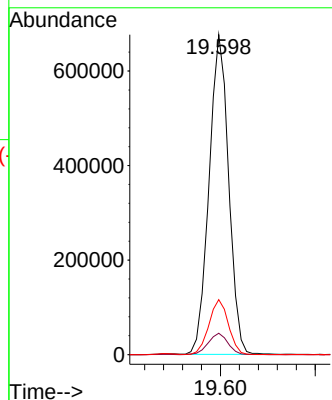
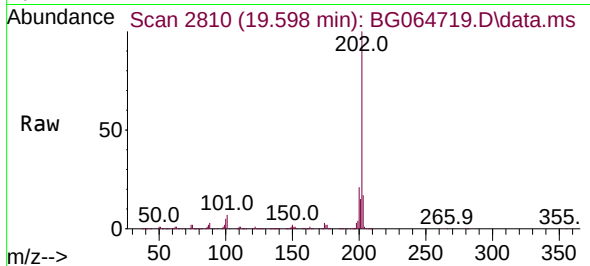
PB170446BSD

Tgt Ion:202 Resp: 969628
Ion Ratio Lower Upper
202 100
101 6.7 0.0 28.7
203 17.2 0.0 37.0

Manual Integrations

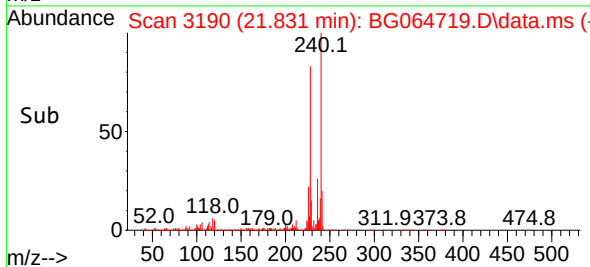
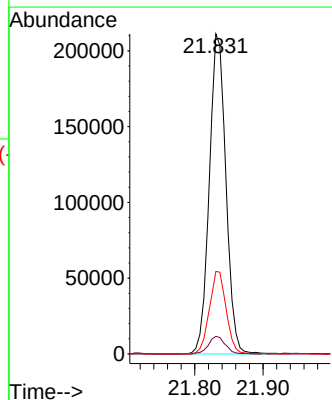
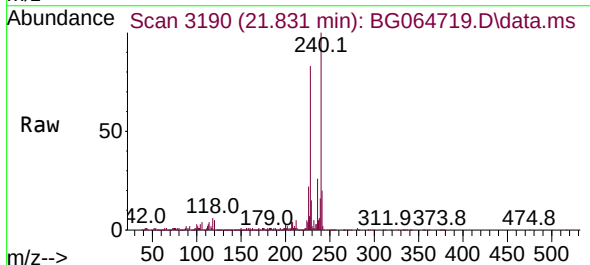
APPROVED

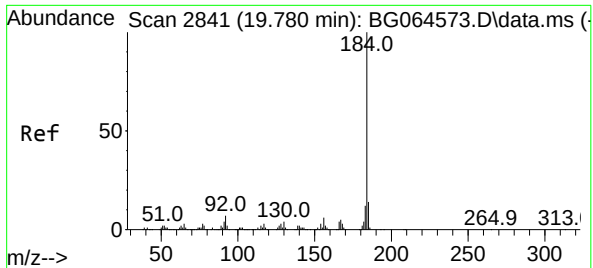
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.831 min Scan# 3190
Delta R.T. -0.029 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Tgt Ion:240 Resp: 355727
Ion Ratio Lower Upper
240 100
120 5.5 6.5 9.7#
236 25.8 20.2 30.2





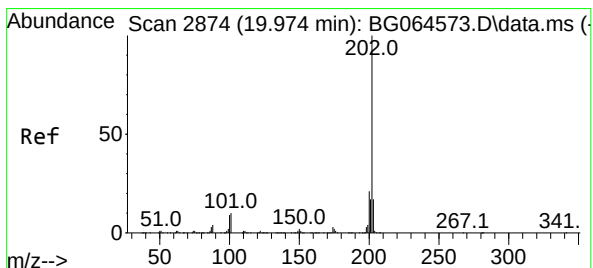
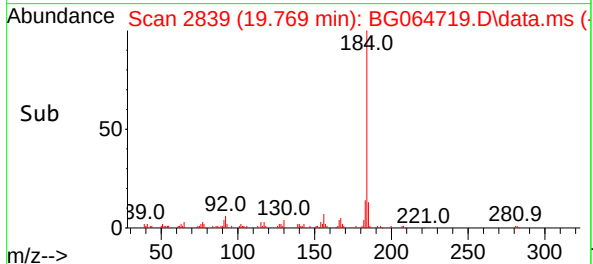
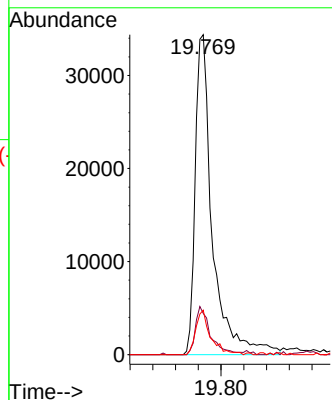
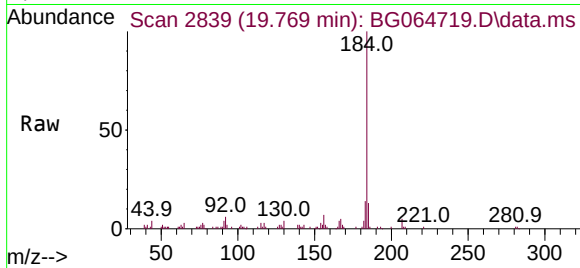
#77
Benzidine
Concen: 9.009 ng
RT: 19.769 min Scan# 2839
Delta R.T. -0.011 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Instrument :
BNA_G
ClientSampleId :
PB170446BSD

Tgt Ion:184 Resp: 71796
Ion Ratio Lower Upper
184 100
185 12.9 11.4 17.2
183 13.9 9.4 14.2

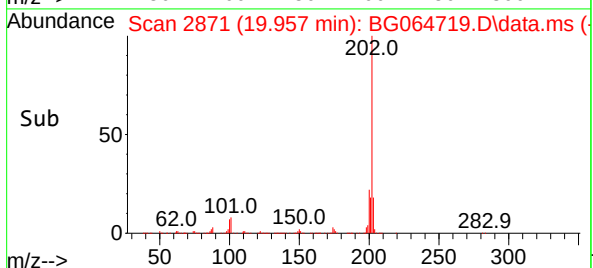
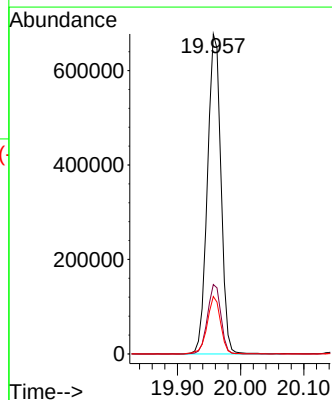
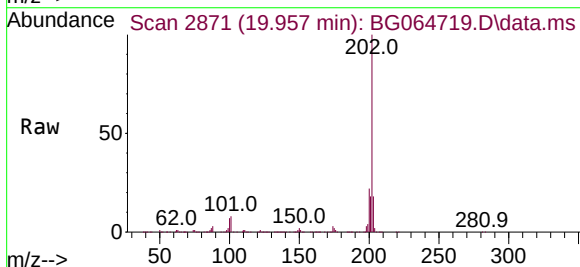
Manual Integrations
APPROVED

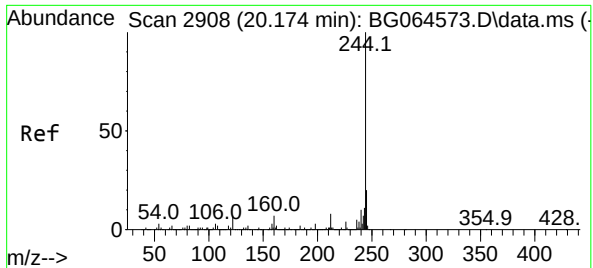
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#78
Pyrene
Concen: 43.122 ng
RT: 19.957 min Scan# 2871
Delta R.T. -0.017 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

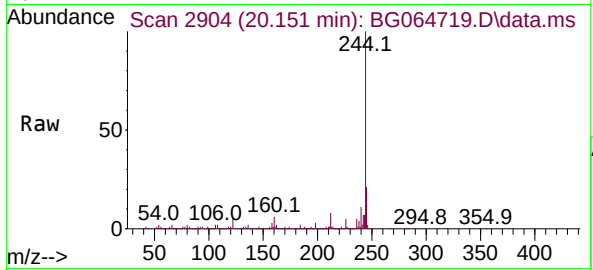
Tgt Ion:202 Resp: 1002221
Ion Ratio Lower Upper
202 100
200 21.7 17.0 25.4
203 17.9 13.8 20.6





#79
Terphenyl-d14
Concen: 95.422 ng
RT: 20.151 min Scan# 2908
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

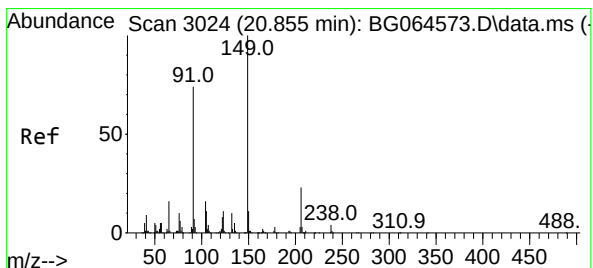
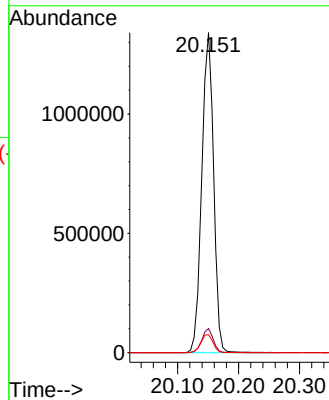
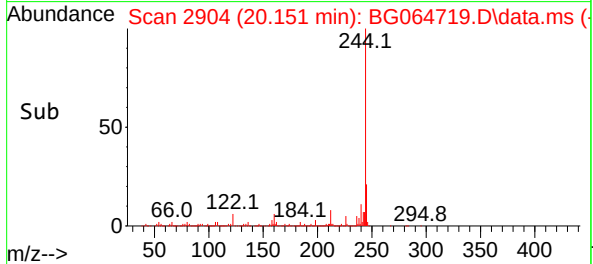
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



Tgt Ion:244 Resp: 1798681
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 5.6 5.6 8.4

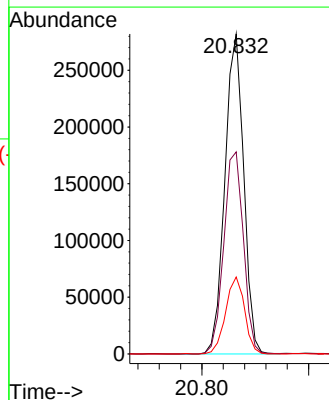
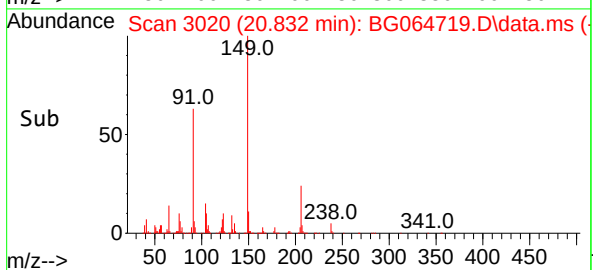
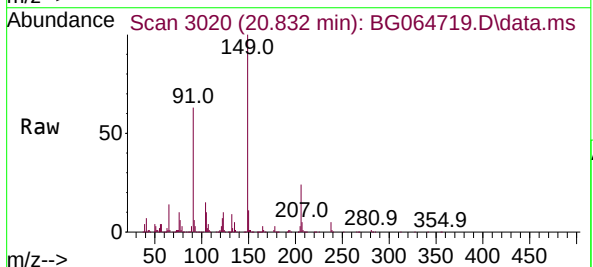
Manual Integrations
APPROVED

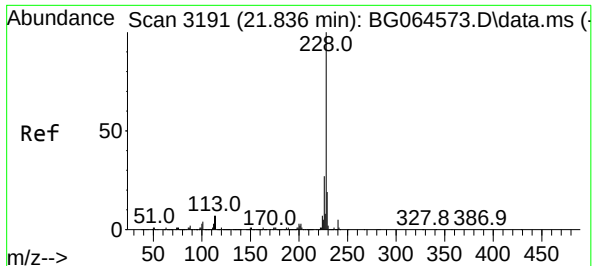
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#80
Butylbenzylphthalate
Concen: 49.255 ng
RT: 20.832 min Scan# 3020
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Tgt Ion:149 Resp: 345984
Ion Ratio Lower Upper
149 100
91 63.1 59.2 88.8
206 24.0 18.1 27.1





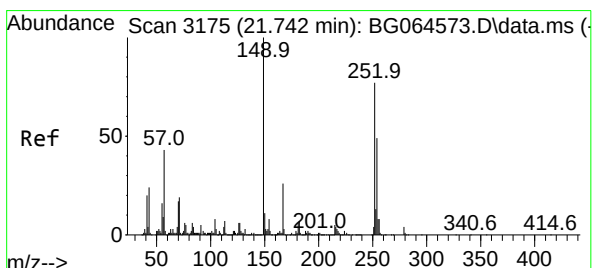
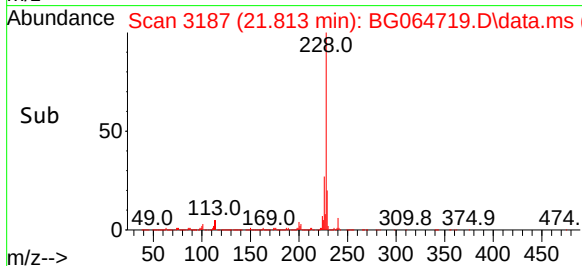
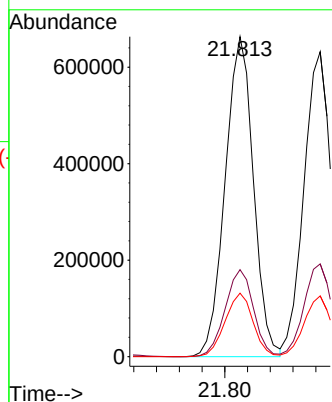
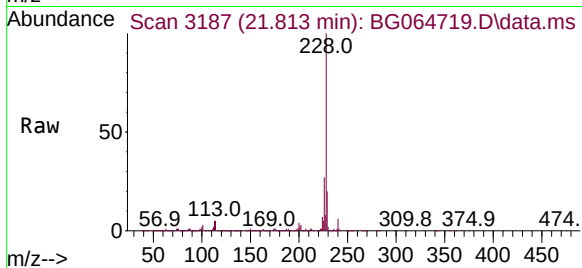
#81
Benzo(a)anthracene
Concen: 48.545 ng
RT: 21.813 min Scan# 31
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Instrument :
BNA_G
ClientSampleId :
PB170446BSD

Tgt Ion:228 Resp: 114502
Ion Ratio Lower Upper
228 100
226 27.2 21.9 32.9
229 19.8 15.6 23.4

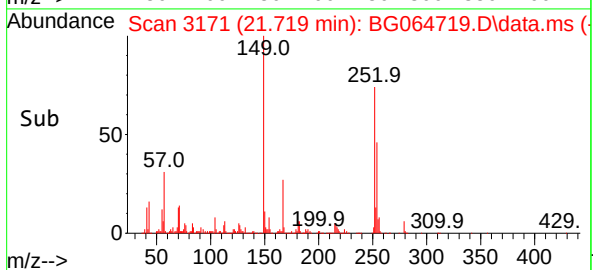
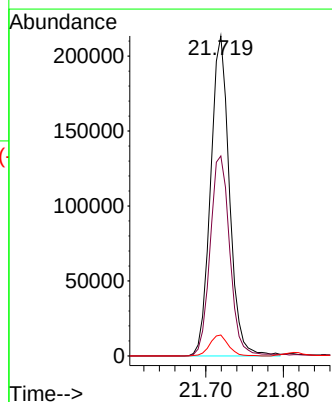
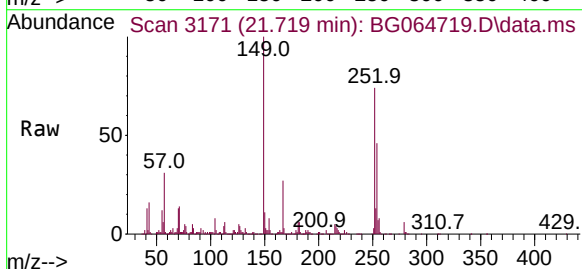
Manual Integrations
APPROVED

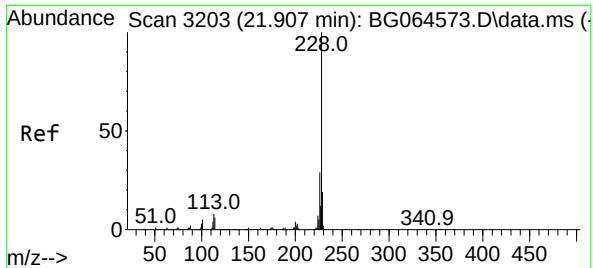
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#82
3,3'-Dichlorobenzidine
Concen: 45.698 ng
RT: 21.719 min Scan# 3171
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

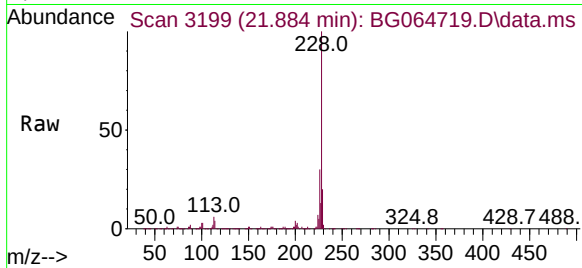
Tgt Ion:252 Resp: 359930
Ion Ratio Lower Upper
252 100
254 62.5 50.8 76.2
126 6.5 5.8 8.6





#83
Chrysene
Concen: 47.196 ng
RT: 21.884 min Scan# 3170
Delta R.T. -0.023 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

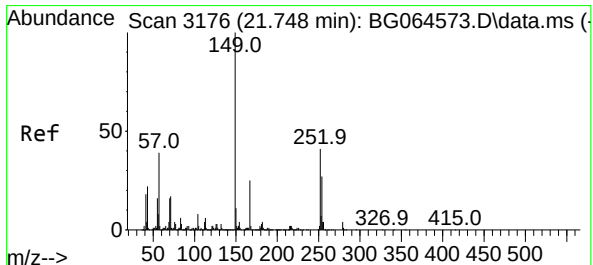
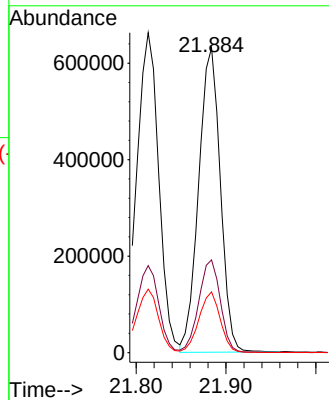
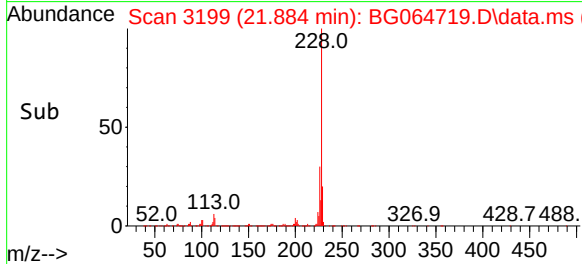
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



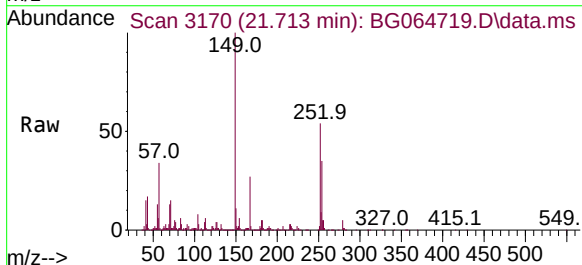
Tgt Ion:228 Resp: 1059232
Ion Ratio Lower Upper
228 100
226 30.4 23.3 34.9
229 19.9 15.2 22.8

Manual Integrations
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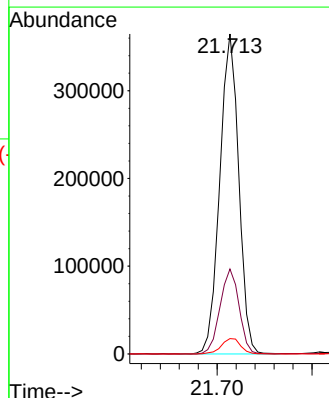
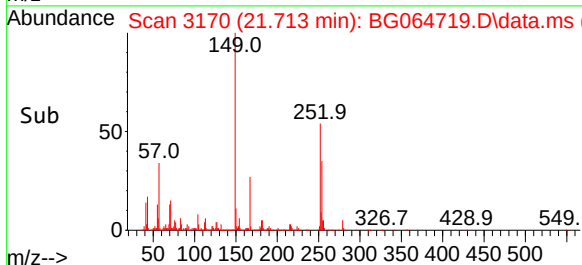
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

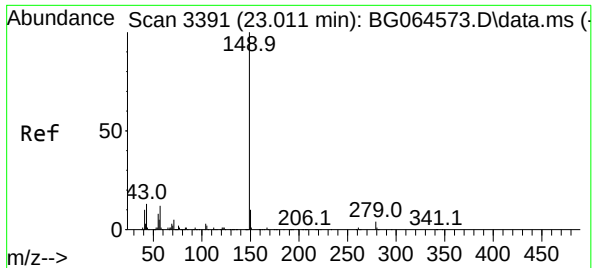


#84
Bis(2-ethylhexyl)phthalate
Concen: 48.149 ng
RT: 21.713 min Scan# 3170
Delta R.T. -0.035 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54



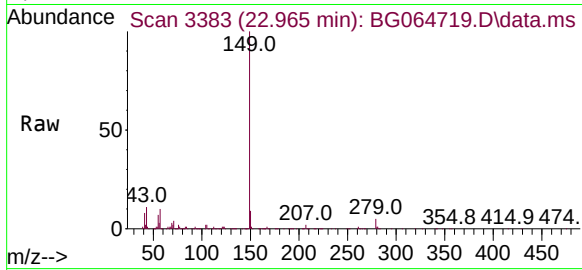
Tgt Ion:149 Resp: 505380
Ion Ratio Lower Upper
149 100
167 26.5 20.0 30.0
279 4.8 3.1 4.7#





#85
Di-n-octyl phthalate
Concen: 49.583 ng
RT: 22.965 min Scan# 3391
Delta R.T. -0.046 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

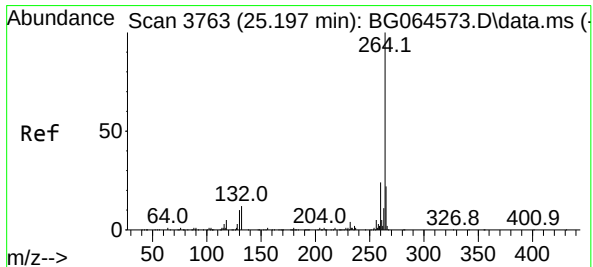
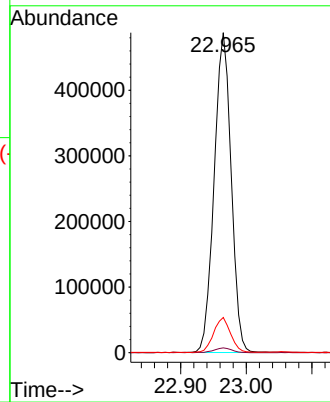
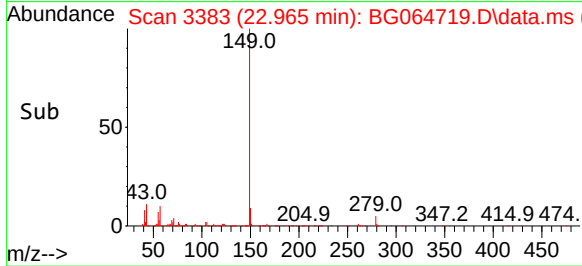
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



Tgt Ion:149 Resp: 877431
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.0 10.8 16.2

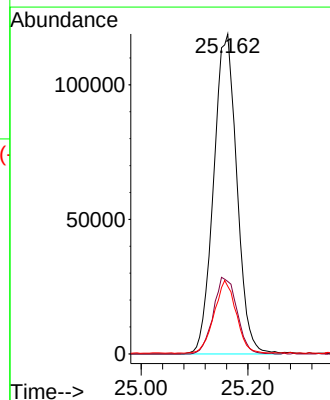
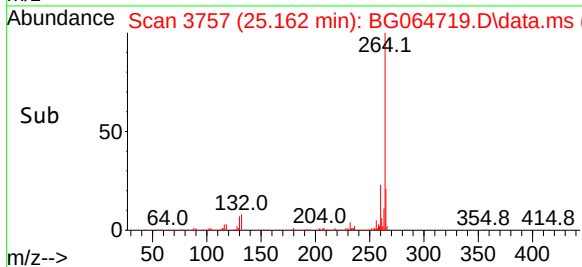
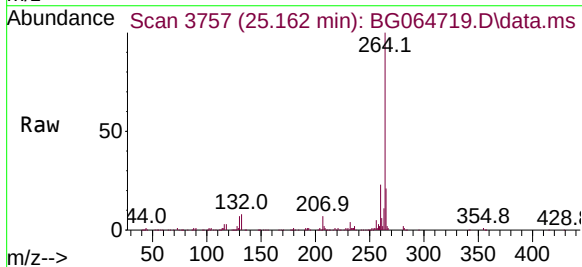
Manual Integrations
APPROVED

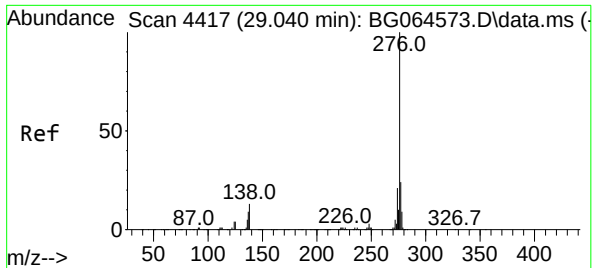
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.162 min Scan# 3757
Delta R.T. -0.035 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

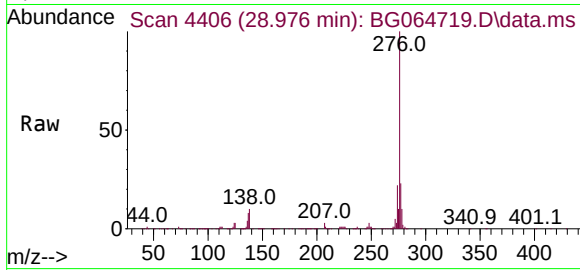
Tgt Ion:264 Resp: 359174
Ion Ratio Lower Upper
264 100
260 22.6 19.0 28.4
265 21.1 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 52.878 ng
RT: 28.976 min Scan# 4417
Delta R.T. -0.064 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

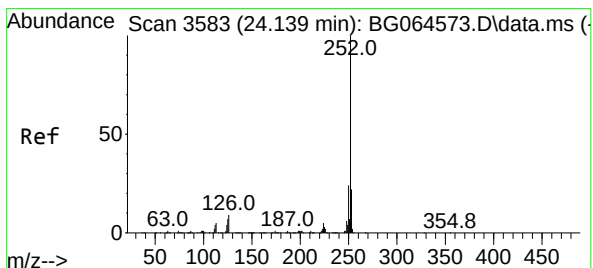
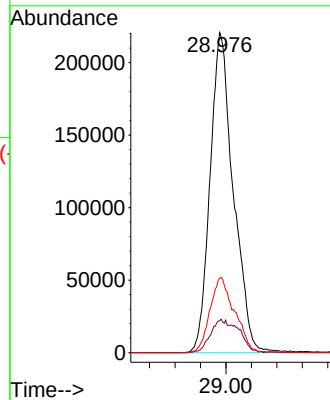
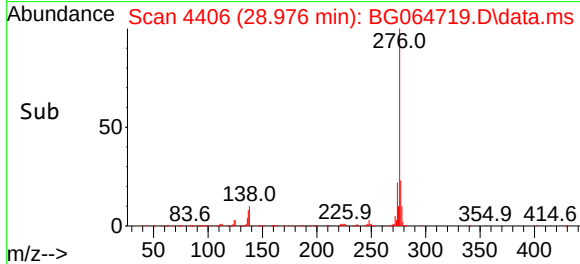
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



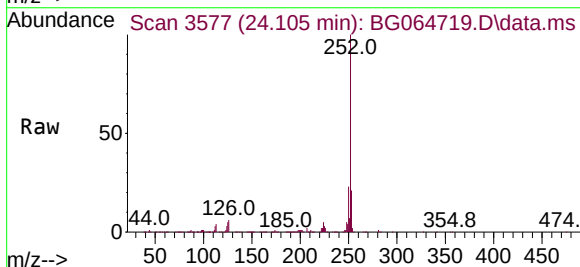
Tgt Ion:276 Resp: 1397154
Ion Ratio Lower Upper
276 100
138 12.6 10.8 16.2
277 24.9 20.1 30.1

Manual Integrations
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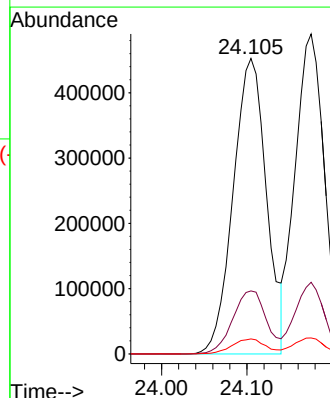
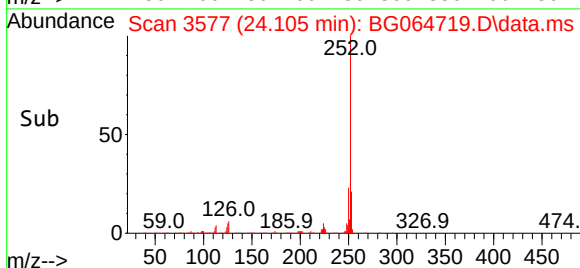
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

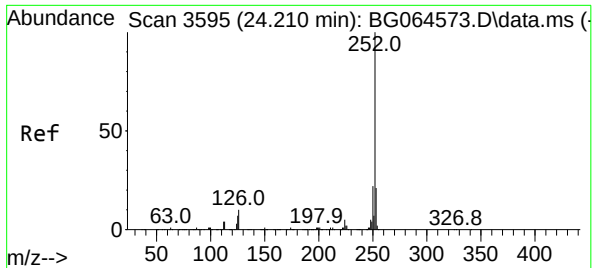


#88
Benzo(b)fluoranthene
Concen: 55.685 ng
RT: 24.105 min Scan# 3577
Delta R.T. -0.035 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54



Tgt Ion:252 Resp: 1226427
Ion Ratio Lower Upper
252 100
253 21.3 17.8 26.8
125 5.1 5.6 8.4#





#89

Benzo(k)fluoranthene

Concen: 53.021 ng

RT: 24.175 min Scan# 3589

Delta R.T. -0.035 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

Instrument :

BNA_G

ClientSampleId :

PB170446BSD

Tgt Ion:252 Resp: 1168573

Ion Ratio Lower Upper

252 100

253 22.4 16.8 25.2

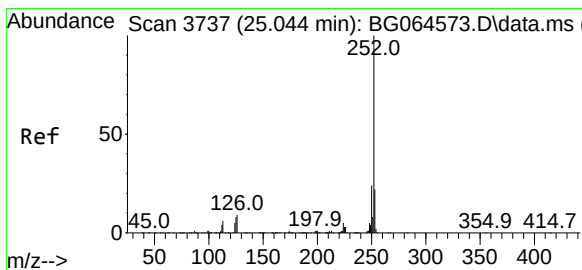
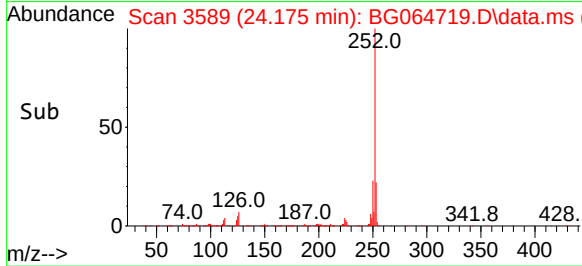
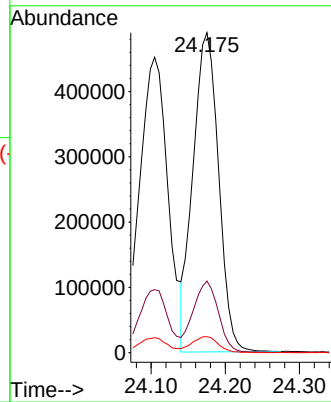
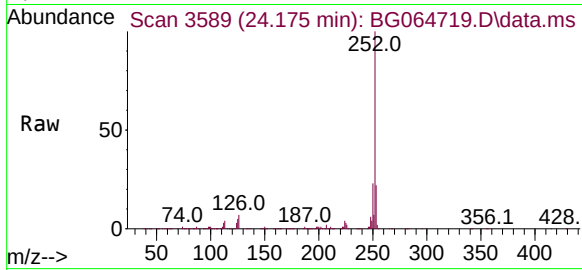
125 5.0 5.4 8.0

Manual Integrations

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Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#90

Benzo(a)pyrene

Concen: 50.567 ng

RT: 25.010 min Scan# 3731

Delta R.T. -0.035 min

Lab File: BG064719.D

Acq: 7 Nov 2025 16:54

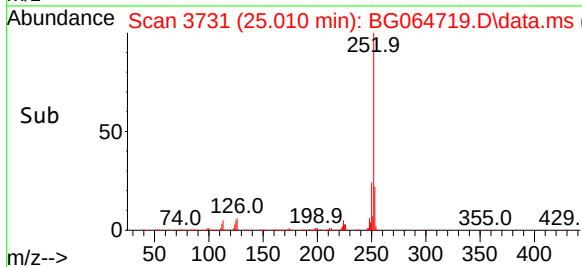
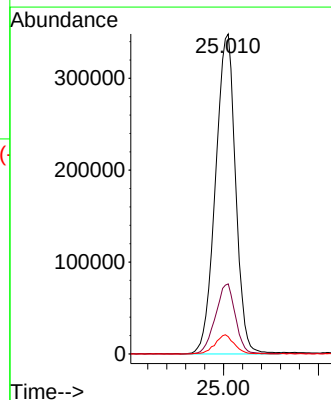
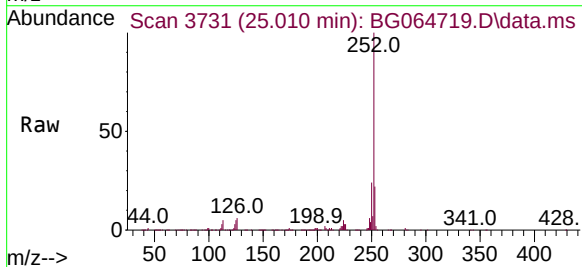
Tgt Ion:252 Resp: 1023739

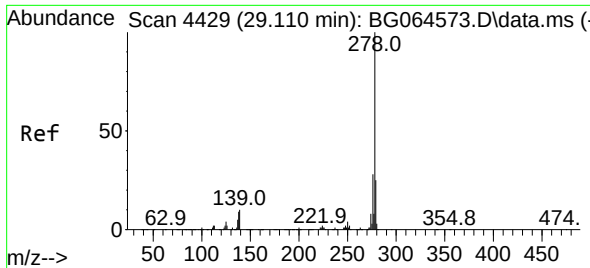
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

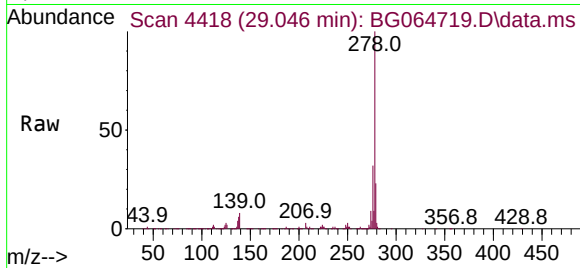
125 5.4 6.1 9.1#





#91
Dibenzo(a,h)anthracene
Concen: 55.188 ng
RT: 29.046 min Scan# 4429
Delta R.T. -0.064 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

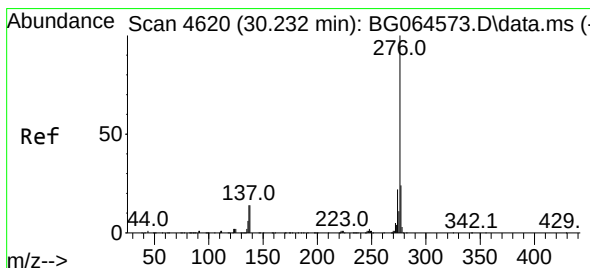
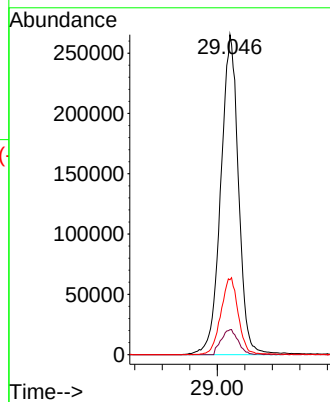
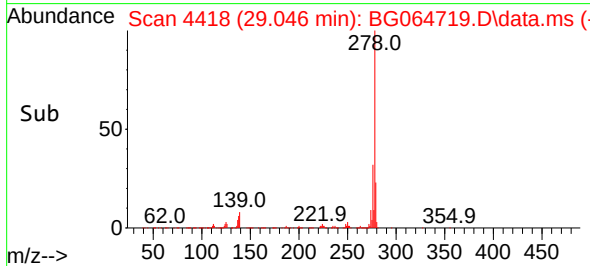
Instrument :
BNA_G
ClientSampleId :
PB170446BSD



Tgt Ion:278 Resp: 1184674
Ion Ratio Lower Upper
278 100
139 7.8 8.0 12.0
279 23.4 19.8 29.6

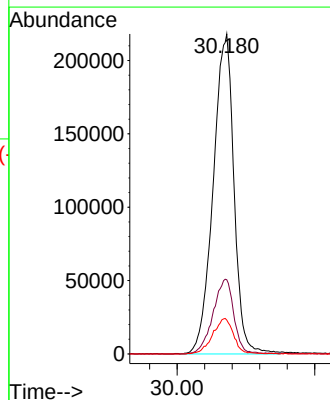
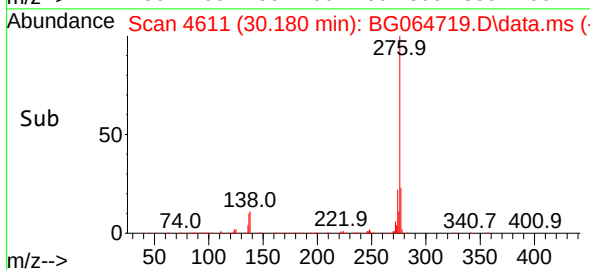
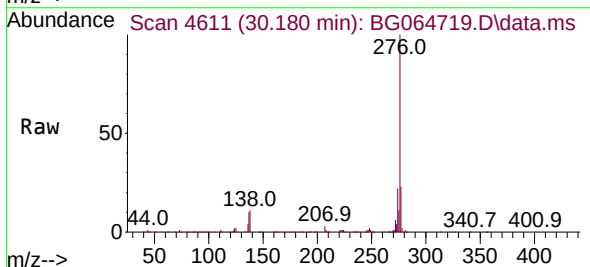
Manual Integrations
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Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#92
Benzo(g,h,i)perylene
Concen: 55.769 ng
RT: 30.180 min Scan# 4611
Delta R.T. -0.052 min
Lab File: BG064719.D
Acq: 7 Nov 2025 16:54

Tgt Ion:276 Resp: 1143584
Ion Ratio Lower Upper
276 100
277 23.2 19.1 28.7
138 10.6 11.3 16.9



Manual Integration Report

Sequence:

BG102425

Instrument

BNA_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BG064570.D	1,4-Dichlorobenzene	rahul	10/27/2025 8:32:20 AM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICC005	BG064570.D	1-Methylnaphthalene	rahul	10/27/2025 8:32:20 AM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICC010	BG064571.D	Benzoic acid	rahul	10/27/2025 8:32:22 AM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICC020	BG064572.D	Benzoic acid	rahul	10/27/2025 8:32:28 AM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICCC040	BG064573.D	Benzoic acid	rahul	10/27/2025 8:33:01 AM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICC060	BG064574.D	Benzoic acid	Jagrut	11/4/2025 3:47:57 PM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICC080	BG064575.D	Benzoic acid	Jagrut	11/4/2025 3:48:00 PM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICC050	BG064576.D	Benzoic acid	rahul	10/27/2025 8:33:12 AM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software

Manual Integration Report

Sequence:	BG110725	Instrument	BNA_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BG064713.D	Benzo(k)fluoranthene	rahul	11/10/2025 8:44:46 AM	Jagrut	11/10/2025 12:08:23 PM	Peak Integrated by Software
SSTDCCC040	BG064713.D	Benzoic acid	rahul	11/10/2025 8:44:46 AM	Jagrut	11/10/2025 12:08:23 PM	Peak Integrated by Software
PB170446BS	BG064718.D	1-Methylnaphthalene	rahul	11/10/2025 8:44:51 AM	Jagrut	11/10/2025 12:08:30 PM	Peak Integrated by Software
PB170446BS	BG064718.D	Benzo(k)fluoranthene	rahul	11/10/2025 8:44:51 AM	Jagrut	11/10/2025 12:08:30 PM	Peak Integrated by Software
PB170446BS	BG064718.D	Benzoic acid	rahul	11/10/2025 8:44:51 AM	Jagrut	11/10/2025 12:08:30 PM	Peak Integrated by Software
PB170446BS	BG064718.D	Caprolactam	rahul	11/10/2025 8:44:51 AM	Jagrut	11/10/2025 12:08:30 PM	Peak Integrated by Software
PB170446BSD	BG064719.D	Benzoic acid	rahul	11/10/2025 8:44:53 AM	Jagrut	11/10/2025 12:08:33 PM	Peak Integrated by Software
PB170446BSD	BG064719.D	Caprolactam	rahul	11/10/2025 8:44:53 AM	Jagrut	11/10/2025 12:08:33 PM	Peak Integrated by Software

Instrument ID: **BNA_G**

Daily Analysis Runlog For Sequence/QC Batch ID # BG102425

Review By	rahul	Review On	10/27/2025 10:16:00 AM
Supervise By	mohammad	Supervise On	11/5/2025 12:11:16 AM
SubDirectory	BG102425	HP Acquire Method	BNA_G
		HP Processing Method	BG102425
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13179,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BG064568.D	24 Oct 2025 8:20	RC/JU	Ok
2	SSTDICC2.5	BG064569.D	24 Oct 2025 9:00	RC/JU	Ok
3	SSTDICC005	BG064570.D	24 Oct 2025 9:41	RC/JU	Ok,M
4	SSTDICC010	BG064571.D	24 Oct 2025 11:02	RC/JU	Ok,M
5	SSTDICC020	BG064572.D	24 Oct 2025 12:23	RC/JU	Ok,M
6	SSTDICCC040	BG064573.D	24 Oct 2025 13:03	RC/JU	Ok,M
7	SSTDICC060	BG064574.D	24 Oct 2025 13:44	RC/JU	Ok,M
8	SSTDICC080	BG064575.D	24 Oct 2025 14:24	RC/JU	Ok,M
9	SSTDICC050	BG064576.D	24 Oct 2025 15:32	RC/JU	Ok,M
10	SSTDICV040	BG064577.D	24 Oct 2025 16:47	RC/JU	Ok
11	PB170222BL	BG064578.D	24 Oct 2025 17:28	RC/JU	Not Ok
12	Q3405-02	BG064579.D	24 Oct 2025 18:08	RC/JU	Ok
13	Q3405-03	BG064580.D	24 Oct 2025 18:49	RC/JU	Ok
14	Q3405-04	BG064581.D	24 Oct 2025 19:30	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_G**

Daily Analysis Runlog For Sequence/QC Batch ID # BG110725

Review By	rahul	Review On	11/7/2025 2:26:44 PM
Supervise By	Jagrut	Supervise On	11/10/2025 12:08:51 PM
SubDirectory	BG110725	HP Acquire Method	BNA_G
		HP Processing Method	BG102425
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13181,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BG064712.D	7 Nov 2025 10:25	RC/JU	Ok
2	SSTDCCC040	BG064713.D	7 Nov 2025 11:06	RC/JU	Ok,M
3	PB170428BL	BG064714.D	7 Nov 2025 12:30	RC/JU	Ok
4	PB170428BS	BG064715.D	7 Nov 2025 13:12	RC/JU	Ok,M
5	PB170394TB	BG064716.D	7 Nov 2025 14:04	RC/JU	Ok
6	Q3537-02	BG064717.D	7 Nov 2025 14:53	RC/JU	Ok
7	PB170446BS	BG064718.D	7 Nov 2025 16:13	RC/JU	Ok,M
8	PB170446BSD	BG064719.D	7 Nov 2025 16:54	RC/JU	Ok,M
9	PB170446BL	BG064720.D	7 Nov 2025 17:35	RC/JU	Ok
10	Q3551-01	BG064721.D	7 Nov 2025 18:15	RC/JU	Ok
11	Q3577-01	BG064722.D	7 Nov 2025 18:56	RC/JU	Ok
12	Q3580-01	BG064723.D	7 Nov 2025 19:37	RC/JU	Ok
13	Q3562-01	BG064724.D	7 Nov 2025 20:18	RC/JU	Ok,M
14	Q3564-01	BG064725.D	7 Nov 2025 20:59	RC/JU	Dilution

M : Manual Integration

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QC Batch ID # BG102425

Review By	rahul	Review On	10/27/2025 10:16:00 AM
Supervise By	mohammad	Supervise On	11/5/2025 12:11:16 AM
SubDirectory	BG102425	HP Acquire Method	BNA_G
		HP Processing Method	BG102425
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13179,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BG064568.D	24 Oct 2025 8:20		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BG064569.D	24 Oct 2025 9:00		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BG064570.D	24 Oct 2025 9:41		RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BG064571.D	24 Oct 2025 11:02		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BG064572.D	24 Oct 2025 12:23	Compound #32 kept on QR	RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BG064573.D	24 Oct 2025 13:03	Compound #26,48,51,54,57,65 are kept on LR	RC/JU	Ok,M
7	SSTDICC060	SSTDICC060	BG064574.D	24 Oct 2025 13:44		RC/JU	Ok,M
8	SSTDICC080	SSTDICC080	BG064575.D	24 Oct 2025 14:24		RC/JU	Ok,M
9	SSTDICC050	SSTDICC050	BG064576.D	24 Oct 2025 15:32		RC/JU	Ok,M
10	SSTDICV040	ICVBG102425	BG064577.D	24 Oct 2025 16:47	compound #77 failed in the ICV.	RC/JU	Ok
11	PB170222BL	PB170222BL	BG064578.D	24 Oct 2025 17:28	Analyzed for contamination check	RC/JU	Not Ok
12	Q3405-02	PAD-10-20-25-B	BG064579.D	24 Oct 2025 18:08		RC/JU	Ok
13	Q3405-03	PAD-10-20-25-C	BG064580.D	24 Oct 2025 18:49		RC/JU	Ok
14	Q3405-04	SW-10-20-25	BG064581.D	24 Oct 2025 19:30		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QC Batch ID # BG110725

Review By	rahul	Review On	11/7/2025 2:26:44 PM		
Supervise By	Jagrut	Supervise On	11/10/2025 12:08:51 PM		
SubDirectory	BG110725	HP Acquire Method	BNA_G	HP Processing Method	BG102425
STD. NAME		STD REF.#			
Tune/Reschk		SP6875			
Initial Calibration Stds		SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864			
CCC		SP6860			
Internal Standard/PEM		S13181,10ul/1000ul sample			
ICV/I.BLK		SP6872			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BG064712.D	7 Nov 2025 10:25		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BG064713.D	7 Nov 2025 11:06		RC/JU	Ok,M
3	PB170428BL	PB170428BL	BG064714.D	7 Nov 2025 12:30		RC/JU	Ok
4	PB170428BS	PB170428BS	BG064715.D	7 Nov 2025 13:12		RC/JU	Ok,M
5	PB170394TB	PB170394TB	BG064716.D	7 Nov 2025 14:04		RC/JU	Ok
6	Q3537-02	MW-17-SOIL	BG064717.D	7 Nov 2025 14:53		RC/JU	Ok
7	PB170446BS	PB170446BS	BG064718.D	7 Nov 2025 16:13		RC/JU	Ok,M
8	PB170446BSD	PB170446BSD	BG064719.D	7 Nov 2025 16:54		RC/JU	Ok,M
9	PB170446BL	PB170446BL	BG064720.D	7 Nov 2025 17:35		RC/JU	Ok
10	Q3551-01	MANHOLE	BG064721.D	7 Nov 2025 18:15		RC/JU	Ok
11	Q3577-01	WC-1A	BG064722.D	7 Nov 2025 18:56		RC/JU	Ok
12	Q3580-01	346	BG064723.D	7 Nov 2025 19:37		RC/JU	Ok
13	Q3562-01	EO-03-110625	BG064724.D	7 Nov 2025 20:18		RC/JU	Ok,M
14	Q3564-01	OR-03-11062025	BG064725.D	7 Nov 2025 20:59	Need Further 2X Dilution	RC/JU	Dilution

M : Manual Integration

SOP ID: M625.1-BNA-21

Clean Up SOP #: N/A

Matrix: Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3953

Extraction By: RS

Filter By: RS

pH Meter ID: N/A

Hood ID: 4,6,7

Extraction Start Date: 11/07/2025

Extraction Start Time: 08:54

Extraction End Date: 11/07/2025

Extraction End Time: 13:45

Concentration By: EH

Supervisor By: RUPESH

Extraction Method: ☒ Separatory Funnel

☐ Continuous Liquid/Liquid

☐ Sonication

☐ Waste Dilution

☐ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6895
Surrogate	1.0ML	100 PPM	SP6874
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3980
Baked Na2SO4	N/A	EP2655
10N NaOH	N/A	EP2658
H2SO4 1:1	N/A	EP2657
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot# 2210443. pH Adjusted<2 with 1:1 H2SO4 & >11 with 10N NaOH.

KD Bath ID: WATER BATH-1

Envap ID: NEVAP-02

KD Bath Temperature: 60 °C

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/7/25	RS (Ext Lab)	JG / SVCC
13:50	Preparation Group	Analysis Group

Analytical Method: M625.1-BNA-21

Concentration Date: 11/07/2025

Sample ID	Client Sample ID	Test	g / <u>mL</u>	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170446BL	SBLK446	SVOCMS Group1	1000	6	RUPESH	ritesh	1			SEP-1
PB170446BS	SLC5446	SVOCMS Group1	1000	6	RUPESH	ritesh	1			2
PB170446BS D	SLCSD446	SVOCMS Group1	1000	6	RUPESH	ritesh	1			3
Q3551-01	MANHOLE	SVOCMS Group1	960	6	RUPESH	ritesh	1	I		4

RS
11/7

1704176
8:57 6:25

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3551

WorkList ID : 192978

Department : Extraction

Date : 11-07-2025 08:47:52

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3551-01	MANHOLE	Water	PESTICIDE Group1	Cool 4 deg C	SPEC01	D41	11/05/2025	608.3
Q3551-01	MANHOLE	Water	SVOCMS Group1	Cool 4 deg C	SPEC01	D41	11/05/2025	625.1

Date/Time 11/7/25 8:50
Raw Sample Received by: RS (Ext-046)
Raw Sample Relinquished by: CPG

Date/Time 11/7/25 9:15
Raw Sample Received by: CPG
Raw Sample Relinquished by: RS (Ext-046)



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Spectra East Inc
ADDRESS: 8 King Road
CITY: Rockleigh STATE: NJ ZIP: 07647
ATTENTION: Jacob Valeich
PHONE: 201-767-7070 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Outfall 1001-Orangetown Dis Permit 2025
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS:
CITY 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

1: oil & Grease
2: Phenolics
3: SVOCs Group 1
4: PCB
5: PCST + Cide Group
6: Ni + rate
7: BOD5
8: TSS
9: VOCs Group 1

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		C	C	E	E	E	E	E	E	A	← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER	
1.	Manhole	W	✓		11-5-25	1535	20	✓	✓	✓	✓	✓	✓	✓	✓	✓		
2.																		
3.																		
4.																		
5.																		
6.																		
7.																		
8.																		
9.																		
10.																		

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1.	DATE/TIME: <u>11-5-25</u>	RECEIVED BY: 1.	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>3-20</u> °C Comments:
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY: 2.	
RELINQUISHED BY SAMPLER: 3.	DATE/TIME: <u>11-5-25</u>	RECEIVED BY: 3.	

Page ____ of CLIENT: ☐ Hand Delivered ☐ Other Shipment Complete ☐ YES ☐ NO

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Spectra East Inc
ADDRESS: 8 King Road
CITY: Rockleigh STATE: NJ ZIP: 07647
ATTENTION: Jacob Valeich
PHONE: 201-767-7070 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Outfall 001-Orangetown
PROJECT NO.: DIS permit 2023
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS:
CITY 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

1 Metals 2 Cyanide 3 Cyanide 4 COD 5 Ammonia 6 Low-level metals 7 8 9

ALLIANCE
SAMPLE
ID

PROJECT
SAMPLE IDENTIFICATION

SAMPLE
MATRIX

SAMPLE
TYPE
COMP GRAB

SAMPLE
COLLECTION
DATE TIME

OF BOTTLES

PRESERVATIVES

COMMENTS

← Specify Preservatives
A-HCl D-NaOH
B-HNO3 E-ICE
C-H2SO4 F-OTHER

1. Manhole

W ✓ 11-5-25 1535 20

B D C C A

1 2 3 4 5 6 7 8 9

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:

DATE/TIME: 11-5-25

RECEIVED BY:

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP

3.2 °C

1. RELINQUISHED BY SAMPLER:

DATE/TIME:

RECEIVED BY:

Comments:

2. RELINQUISHED BY SAMPLER:

DATE/TIME:

RECEIVED BY:

3. RELINQUISHED BY SAMPLER:

DATE/TIME: 11-5-25

RECEIVED BY:

Comments:

Page ____ of ____

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete

☐ YES ☐ NO

Liance Technical Group, LLC-Newark

284 Sheffield Street, Mountainside, NJ 07092 Tel. 908-789-8900 Fax 908-789-8922
FIELD SAMPLING LOG

Client Name: Spectra East inc
 Client Address: 8 King Road
 Client Rep on Site: Jacob Valeich
 Sampling Date: 11-4-25
 Arrival Time: 1545

Project Name: off-fall 001 - orangetown
Dis permit 2025
 Project Location: Rockleigh
 Cooler Custody Seal: N/A
 Temperature Correction Factor (°C): 0

Departure Time: 1620

FIELD EQUIPMENT CALIBRATION

pH Calibration (SM4500-H B/9040C)

Calibration (acceptance criteria ± 0.05 pH unit)				ICV (± 0.1 pH unit)
	7.00 Buffer	4.00 Buffer	10.00 Buffer	7.00 Buffer
	W 3217	W 3178	W 3191	W 3093
Time	1550	1552	1554	1556
Temp °C	21.2°	21.8°	21.7°	20.4°
pH	7.02	4.00	10.04	7.00

FIELD EQUIPMENT CALIBRATION

Specific Conductance (mS/cm) (99% -101%)/(mmho/cm) (SM2510 B/120.1/9050A)

Calibration ($\pm 1\%$) (99% -101%)		ICV ($\pm 1\%$) (99% -101%)
	WP	WP
Time		
Temp °C		
Reading (mS/cm)		

Sampler Signature/Date:

 11-4-25

Supervisor Review/Date:

Project Name: outfall 001-Orange town
 Project Location: dis permit 2025
 Cooler Custody Seal: Rockleigh
 Temperature Correction Factor (°C): N/A
 Temperature Correction Factor (°C): 0

FIELD SAMPLING INFORMATION

[illegible]

Meter: YSI PRO Quatro, Serial # 25A103198

Sampler Signature/Date:

71-4-25

Supervisor Review/Date:

QA Control# A3041253

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3551	SPEC01	Order Date : 11/5/2025 2:16:00 PM	Project Mgr :
Client Name : Spectra East Inc.		Project Name : Outfall 001 - Orangetown E	Report Type : Level 2
Client Contact : Jacob Valeich		Receive DateTime : 11/5/2025 12:00:00 AM	EDD Type : EXCEL NOCLEANUP
Invoice Name : Spectra East Inc.		Purchase Order : 17254 PM	Hard Copy Date :
Invoice Contact : Jacob Valeich			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3551-01	MANHOLE	Water	11/05/2025	15:35 12:00 AM	VOCMS Group1		624.1		10 Bus. Days

Relinquished By :

Date / Time :

CL
11/6/25 10:26
10:26

Received By :

Date / Time :

Sam
11/06/25 10:26 12:45

Storage Area : VOA Refridgerator Room