

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111325\
 Data File : BG064758.D
 Acq On : 13 Nov 2025 15:57
 Operator : RC/JU
 Sample : PB170528BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB170528BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025

Quant Time: Nov 13 16:47:34 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 12 17:10:56 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.170	152	35345	20.000	ng	# 0.00
21) Naphthalene-d8	10.984	136	134884	20.000	ng	0.00
39) Acenaphthene-d10	14.774	164	109093	20.000	ng	0.00
64) Phenanthrene-d10	17.506	188	277518	20.000	ng	0.00
76) Chrysene-d12	21.760	240	388627	20.000	ng	0.00
86) Perylene-d12	25.015	264	384250	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	254066	125.521	ng	0.00
7) Phenol-d6	7.312	99	338793	125.846	ng	0.00
23) Nitrobenzene-d5	9.327	82	214456	78.611	ng	0.00
42) 2,4,6-Tribromophenol	16.254	330	267173	125.572	ng	0.00
45) 2-Fluorobiphenyl	13.411	172	610435	78.077	ng	0.00
79) Terphenyl-d14	20.091	244	1538381	77.867	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.522	88	26099	33.307	ng	96
3) Pyridine	3.933	79	70196	30.066	ng	99
4) n-Nitrosodimethylamine	3.845	42	47590	40.048	ng	97
6) Aniline	7.482	93	108952	30.362	ng	100
8) 2-Chlorophenol	7.729	128	99871	44.936	ng	99
9) Benzaldehyde	7.288	77	40023	22.711	ng	99
10) Phenol	7.335	94	132310	45.170	ng	97
11) bis(2-Chloroethyl)ether	7.570	93	88499	42.459	ng	97
12) 1,3-Dichlorobenzene	8.052	146	103159	40.337	ng	96
13) 1,4-Dichlorobenzene	8.199	146	109006	41.859	ng	100
14) 1,2-Dichlorobenzene	8.522	146	104476	41.377	ng	96
15) Benzyl Alcohol	8.399	79	97504	44.124	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.693	45	194173	39.357	ng	97
17) 2-Methylphenol	8.598	107	91269	44.037	ng	96
18) Hexachloroethane	9.262	117	39113	39.656	ng	99
19) n-Nitroso-di-n-propyla...	8.969	70	75668	41.570	ng	96
20) 3+4-Methylphenols	8.928	107	121650	42.845	ng	93
22) Acetophenone	8.986	105	174486	47.481	ng	# 99
24) Nitrobenzene	9.368	77	117523	42.635	ng	97
25) Isophorone	9.897	82	214996	41.384	ng	99
26) 2-Nitrophenol	10.085	139	55456	44.728	ng	95
27) 2,4-Dimethylphenol	10.138	122	96822	43.957	ng	95
28) bis(2-Chloroethoxy)met...	10.373	93	122129	42.821	ng	98
29) 2,4-Dichlorophenol	10.626	162	110934	46.910	ng	99
30) 1,2,4-Trichlorobenzene	10.843	180	126218	44.200	ng	96
31) Naphthalene	11.037	128	318715	41.682	ng	99
32) Benzoic acid	10.267	122	71107m	46.017	ng	
33) 4-Chloroaniline	11.131	127	75168	24.575	ng	97
34) Hexachlorobutadiene	11.325	225	97649	39.855	ng	98
35) Caprolactam	11.889	113	32826m	46.409	ng	
36) 4-Chloro-3-methylphenol	12.235	107	118485	45.014	ng	97
37) 2-Methylnaphthalene	12.623	142	217639	38.036	ng	99
38) 1-Methylnaphthalene	12.841	142	224362	39.473	ng	100
40) 1,2,4,5-Tetrachloroben...	12.987	216	200015	47.111	ng	99
41) Hexachlorocyclopentadiene	12.976	237	228769	75.176	ng	98
43) 2,4,6-Trichlorophenol	13.217	196	111873	44.897	ng	97

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Manual Integrations
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 Supervised By :Sohil Jodhani 11/14/2025

Quant Time: Nov 13 16:47:34 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

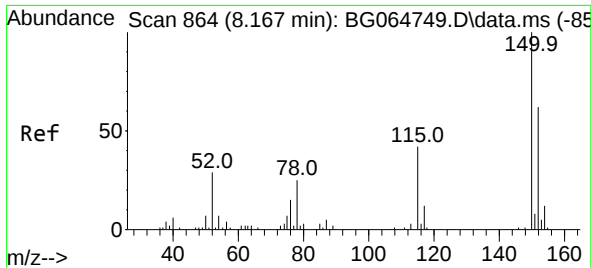
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.287	196	124271	44.466	ng	94
46) 1,1'-Biphenyl	13.616	154	367538	46.907	ng	99
47) 2-Chloronaphthalene	13.663	162	261567	42.373	ng	97
48) 2-Nitroaniline	13.851	65	92044	46.359	ng	97
49) Acenaphthylene	14.503	152	456163	43.255	ng	99
50) Dimethylphthalate	14.221	163	369244	42.847	ng	100
51) 2,6-Dinitrotoluene	14.339	165	77377	46.662	ng	92
52) Acenaphthene	14.838	154	309502	48.947	ng	99
53) 3-Nitroaniline	14.668	138	56120	34.290	ng	89
54) 2,4-Dinitrophenol	14.868	184	98270	85.814	ng	90
55) Dibenzofuran	15.173	168	447187	42.778	ng	99
56) 4-Nitrophenol	14.962	139	125587	96.715	ng	95
57) 2,4-Dinitrotoluene	15.120	165	115312	46.384	ng	100
58) Fluorene	15.814	166	352150	42.951	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.391	232	132798	48.160	ng	# 98
60) Diethylphthalate	15.573	149	360477	43.666	ng	99
61) 4-Chlorophenyl-phenyle...	15.802	204	209410	42.559	ng	98
62) 4-Nitroaniline	15.819	138	75195	44.349	ng	96
63) Azobenzene	16.096	77	300925	43.825	ng	98
65) 4,6-Dinitro-2-methylph...	15.878	198	75724	49.145	ng	94
66) n-Nitrosodiphenylamine	16.013	169	325431	44.769	ng	99
67) 4-Bromophenyl-phenylether	16.695	248	156547	42.955	ng	98
68) Hexachlorobenzene	16.818	284	190725	43.195	ng	95
69) Atrazine	16.948	200	153998	43.941	ng	97
70) Pentachlorophenol	17.153	266	246683	93.303	ng	99
71) Phenanthrene	17.547	178	660565	43.504	ng	99
72) Anthracene	17.641	178	661448	42.722	ng	100
73) Carbazole	17.899	167	587443	44.136	ng	99
74) Di-n-butylphthalate	18.452	149	649966	43.771	ng	99
75) Fluoranthene	19.539	202	898032	43.251	ng	99
77) Benzidine	19.709	184	244616	21.017	ng	99
78) Pyrene	19.903	202	934321	42.896	ng	97
80) Butylbenzylphthalate	20.772	149	328457	42.873	ng	96
81) Benzo(a)anthracene	21.736	228	1127249	42.658	ng	99
82) 3,3'-Dichlorobenzidine	21.642	252	300479	30.893	ng	99
83) Chrysene	21.807	228	1062387	42.644	ng	99
84) Bis(2-ethylhexyl)phtha...	21.636	149	478286	42.723	ng	99
85) Di-n-octyl phthalate	22.864	149	829659	42.874	ng	100
87) Indeno(1,2,3-cd)pyrene	28.745	276	1233751	46.734	ng	# 96
88) Benzo(b)fluoranthene	23.980	252	1154586	47.216	ng	99
89) Benzo(k)fluoranthene	24.051	252	1152801	46.925	ng	99
90) Benzo(a)pyrene	24.868	252	1070783	47.206	ng	99
91) Dibenzo(a,h)anthracene	28.810	278	1029634	47.609	ng	97
92) Benzo(g,h,i)perylene	29.921	276	975725	46.879	ng	100

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

Manual Integrations

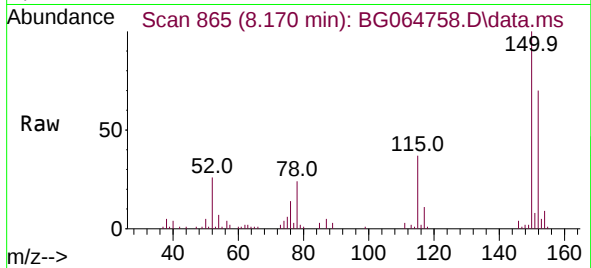
Quant Time: Nov 13 16:47:34 2025
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Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.170 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

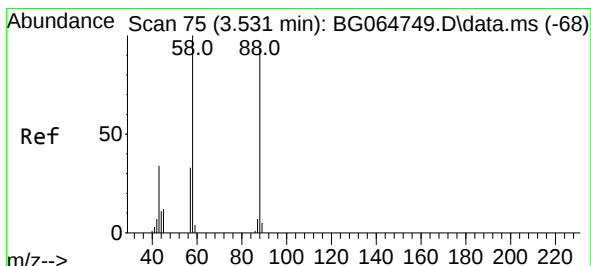
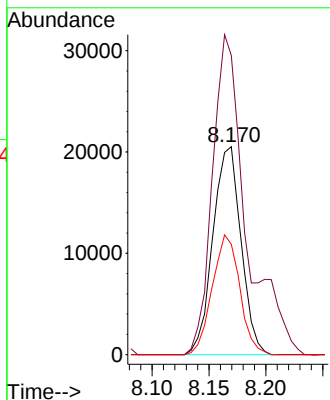
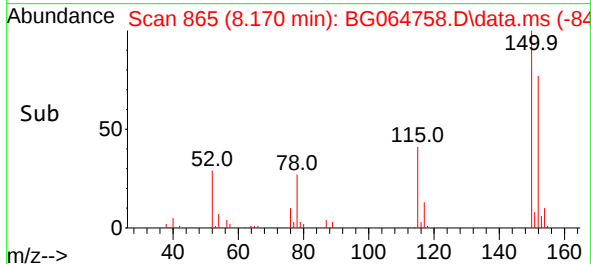
Instrument :
BNA_G
ClientSampleId :
PB170528BS



Tgt Ion: 152 Resp: 35345
Ion Ratio Lower Upper
152 100
150 143.9 129.2 193.8
115 53.1 53.7 80.5

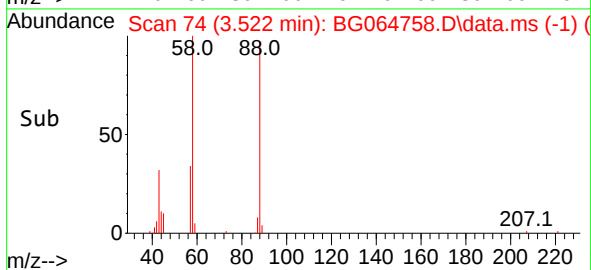
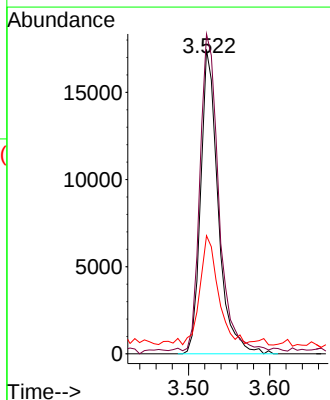
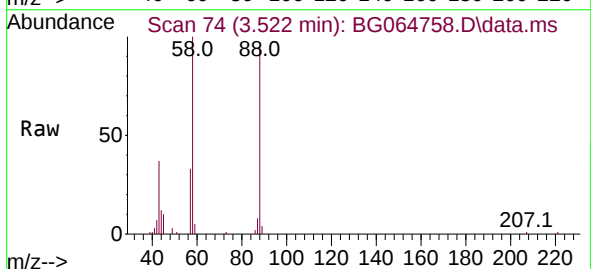
Manual Integrations
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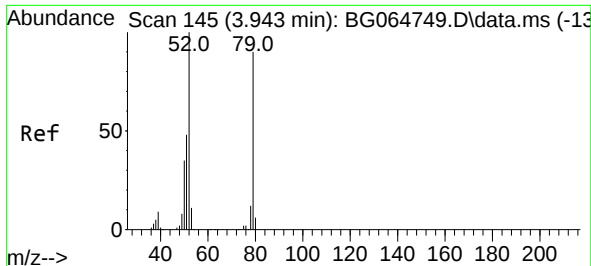
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#2
1,4-Dioxane
Concen: 33.307 ng
RT: 3.522 min Scan# 74
Delta R.T. -0.009 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

Tgt Ion: 88 Resp: 26099
Ion Ratio Lower Upper
88 100
58 110.9 84.6 126.8
43 37.3 30.0 45.0





#3

Pyridine

Concen: 30.066 ng

RT: 3.933 min Scan# 145

Delta R.T. -0.009 min

Lab File: BG064758.D

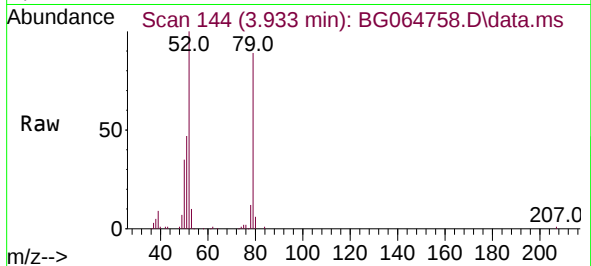
Acq: 13 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

PB170528BS

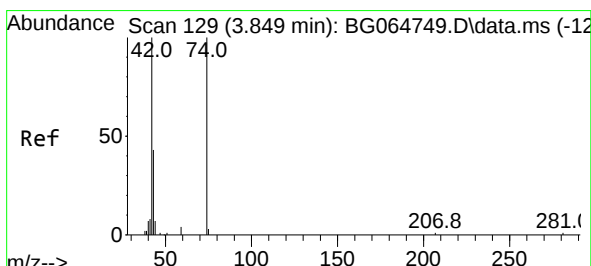
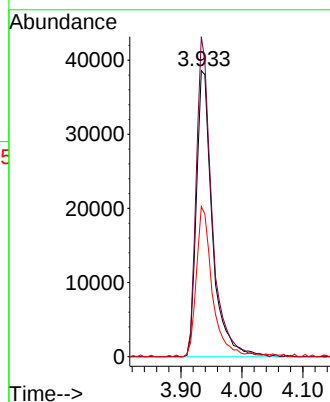
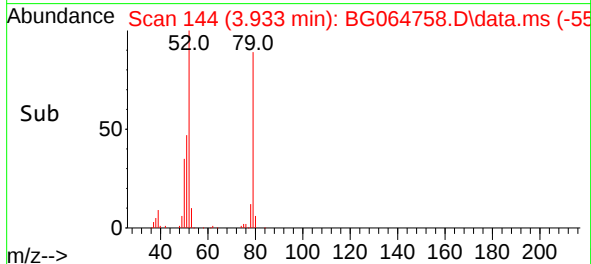


Tgt Ion:	79	Resp:	70196
Ion Ratio	Lower	Upper	
79	100		
52	111.9	89.0	133.4
51	52.5	43.4	65.0

Manual Integrations

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Supervised By :Sohil Jodhani 11/14/2025



#4

n-Nitrosodimethylamine

Concen: 40.048 ng

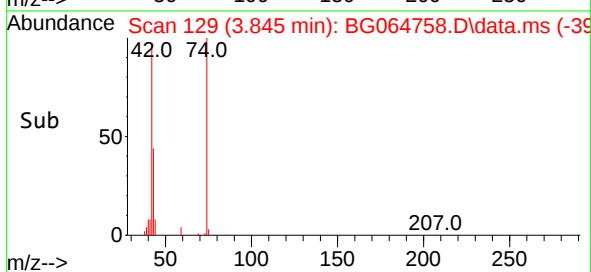
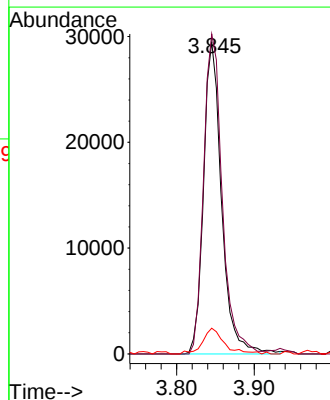
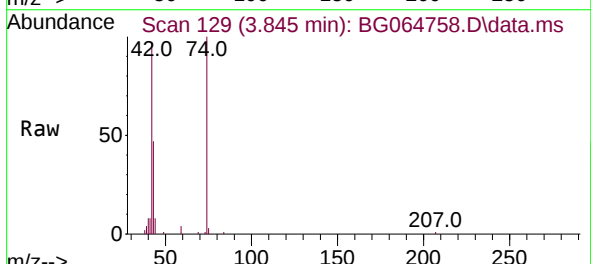
RT: 3.845 min Scan# 129

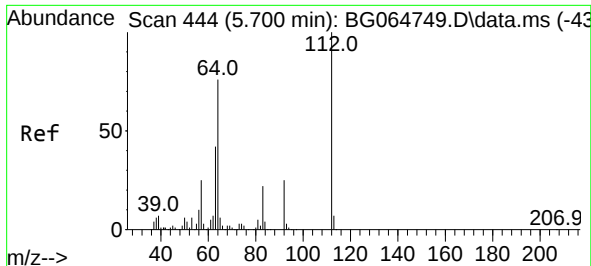
Delta R.T. -0.004 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

Tgt Ion:	42	Resp:	47590
Ion Ratio	Lower	Upper	
42	100		
74	102.6	79.8	119.6
44	8.3	5.9	8.9





#5
2-Fluorophenol
Concen: 125.521 ng
RT: 5.702 min Scan# 444
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

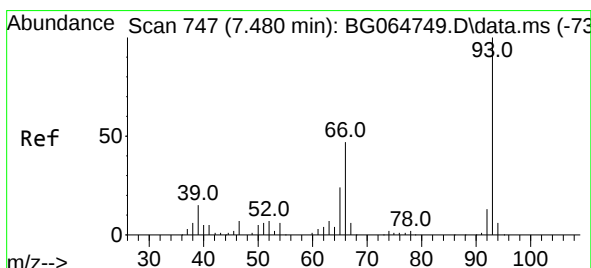
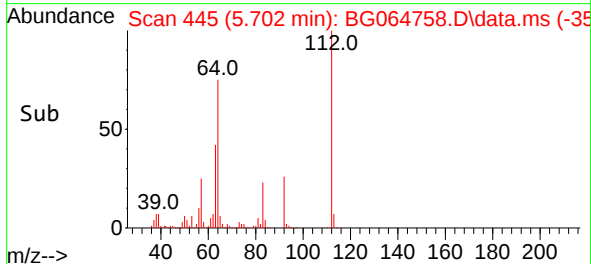
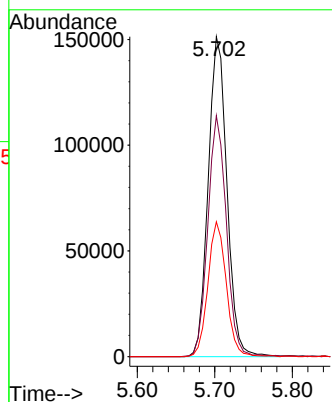
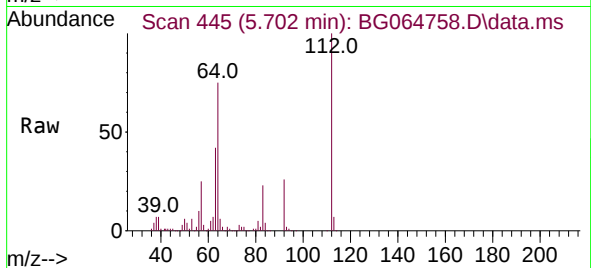
PB170528BS

Tgt Ion:112 Resp: 254066
Ion Ratio Lower Upper
112 100
64 75.3 61.0 91.4
63 42.1 33.3 49.9

Manual Integrations

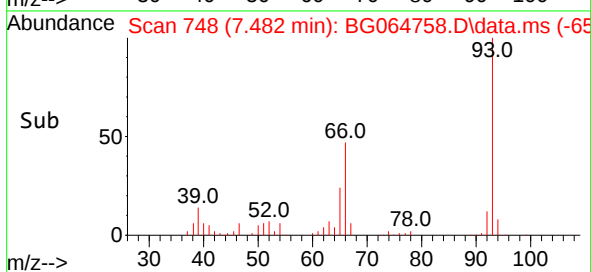
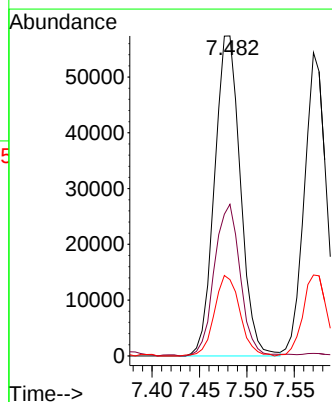
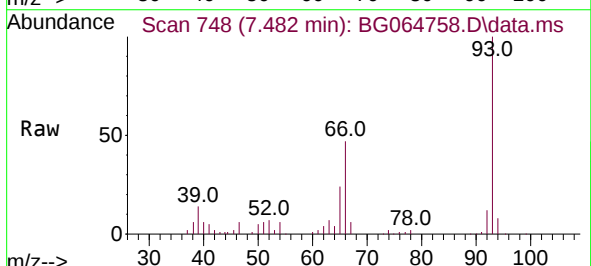
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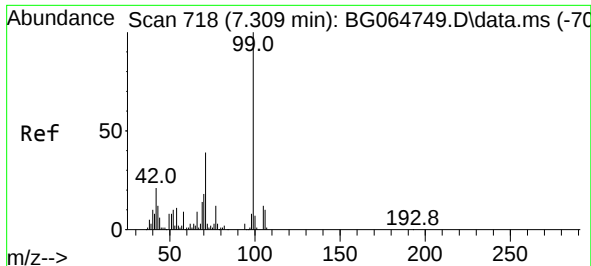
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#6
Aniline
Concen: 30.362 ng
RT: 7.482 min Scan# 748
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

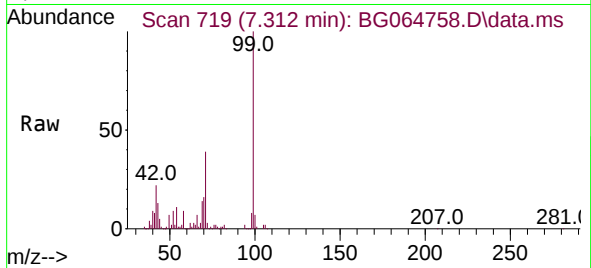
Tgt Ion: 93 Resp: 108952
Ion Ratio Lower Upper
93 100
66 47.4 37.7 56.5
65 23.8 19.1 28.7





#7
Phenol-d6
Concen: 125.846 ng
RT: 7.312 min Scan# 718
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

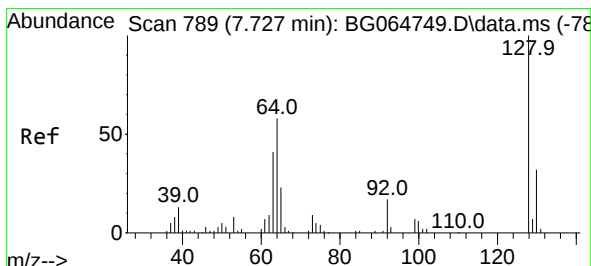
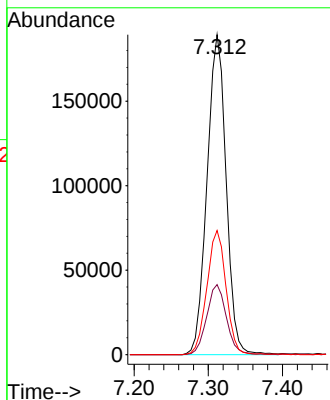
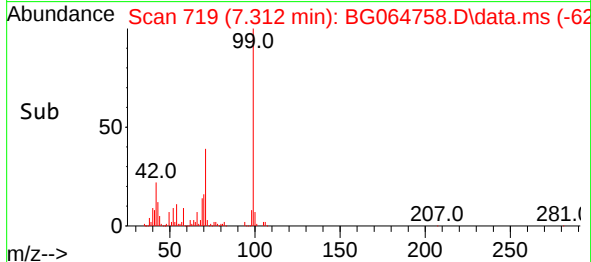
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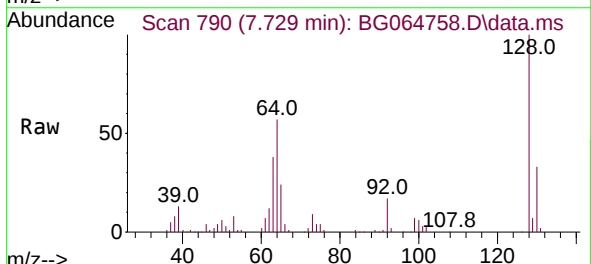
Tgt Ion: 99 Resp: 338793
Ion Ratio Lower Upper
99 100
42 21.9 16.8 25.2
71 38.8 31.1 46.7

Manual Integrations
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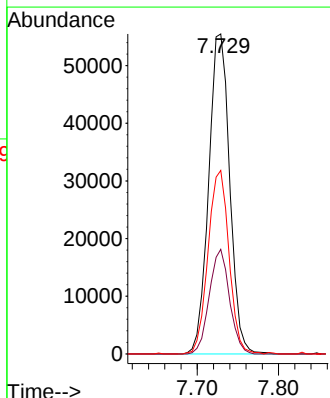
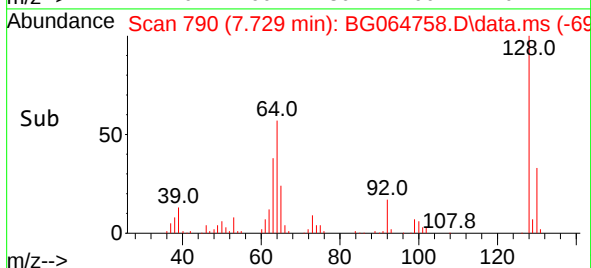
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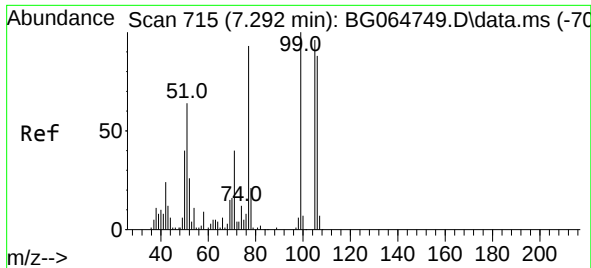


#8
2-Chlorophenol
Concen: 44.936 ng
RT: 7.729 min Scan# 790
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57



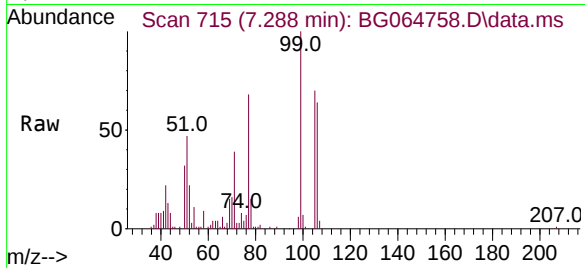
Tgt Ion:128 Resp: 99871
Ion Ratio Lower Upper
128 100
130 32.7 11.9 51.9
64 57.3 38.4 78.4





#9
Benzaldehyde
Concen: 22.711 ng
RT: 7.288 min Scan# 715
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

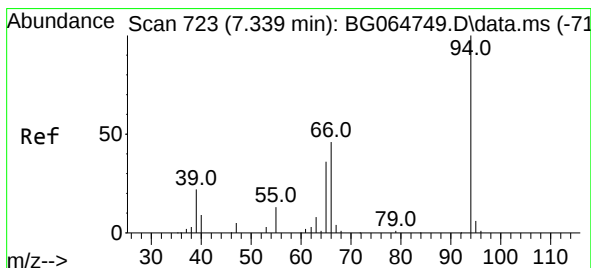
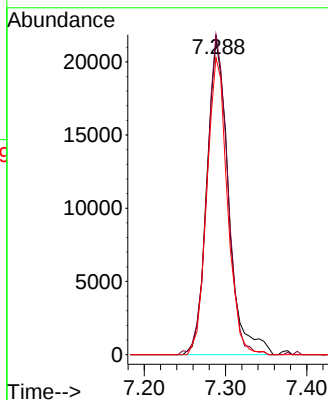
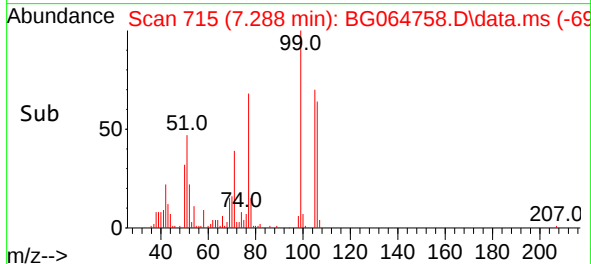
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BNA_G
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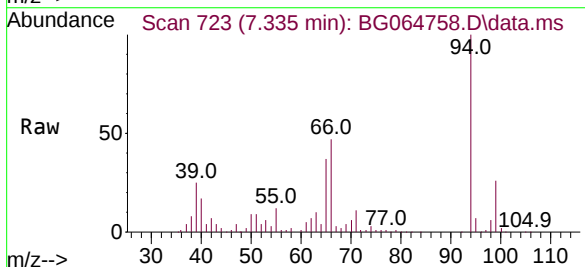
Tgt Ion: 77 Resp: 40023
Ion Ratio Lower Upper
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105 101.7 83.8 123.8
106 94.4 74.3 114.3

Manual Integrations
APPROVED

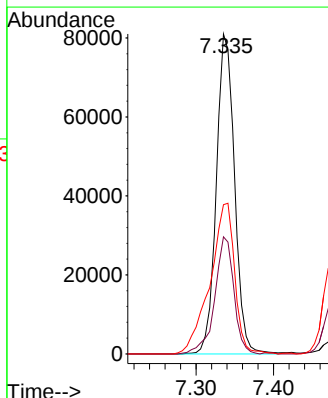
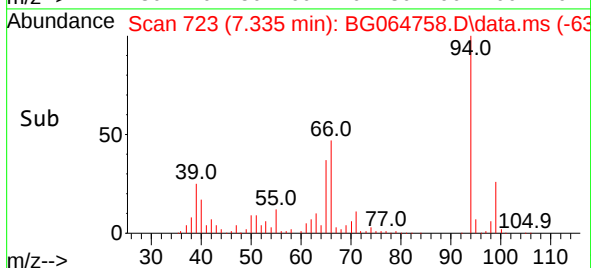
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

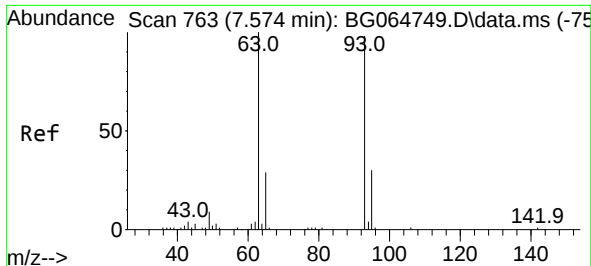


#10
Phenol
Concen: 45.170 ng
RT: 7.335 min Scan# 723
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57



Tgt Ion: 94 Resp: 132310
Ion Ratio Lower Upper
94 100
65 36.6 17.0 57.0
66 46.7 29.8 69.8





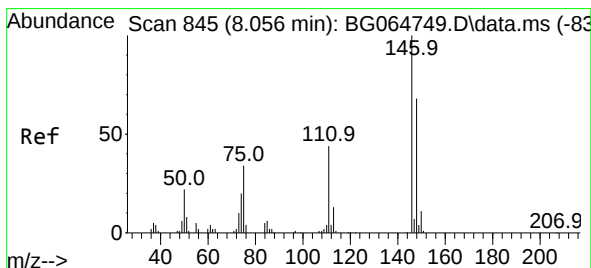
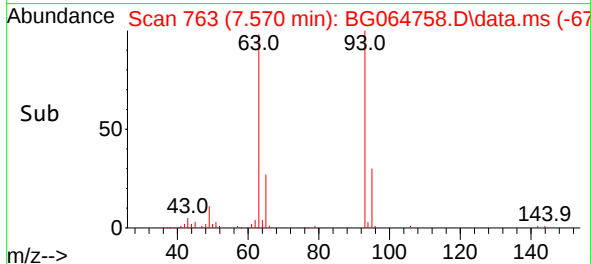
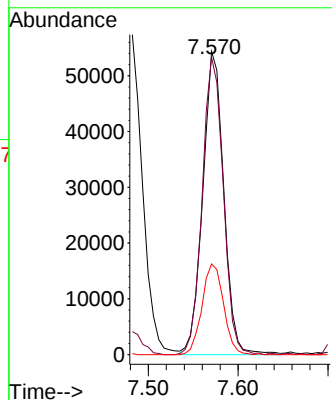
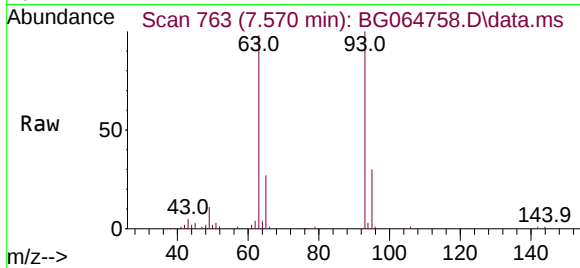
#11
bis(2-Chloroethyl)ether
Concen: 42.459 ng
RT: 7.570 min Scan# 763
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170528BS

Tgt Ion: 93 Resp: 88499
Ion Ratio Lower Upper
93 100
63 98.0 81.8 121.8
95 29.9 10.3 50.3

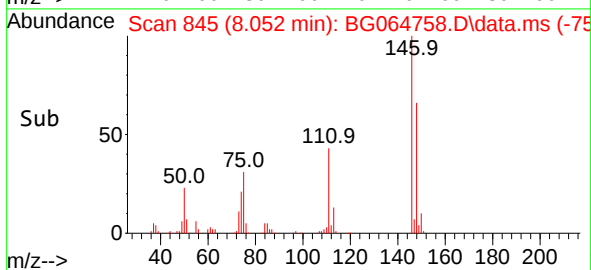
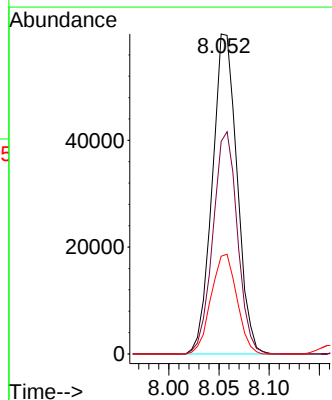
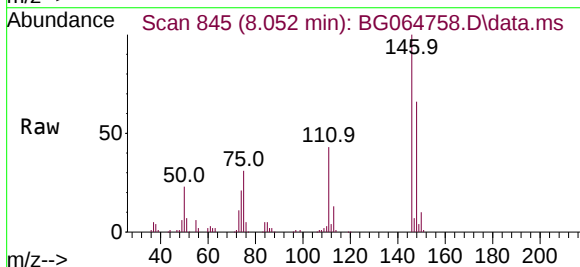
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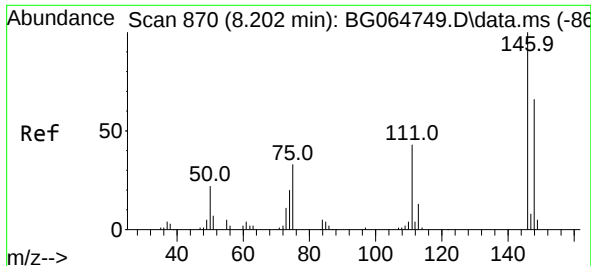
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#12
1,3-Dichlorobenzene
Concen: 40.337 ng
RT: 8.052 min Scan# 845
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

Tgt Ion:146 Resp: 103159
Ion Ratio Lower Upper
146 100
148 66.4 54.6 82.0
75 30.5 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 41.859 ng

RT: 8.199 min Scan# 81

Delta R.T. -0.004 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

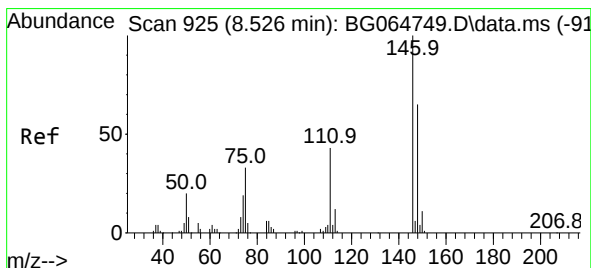
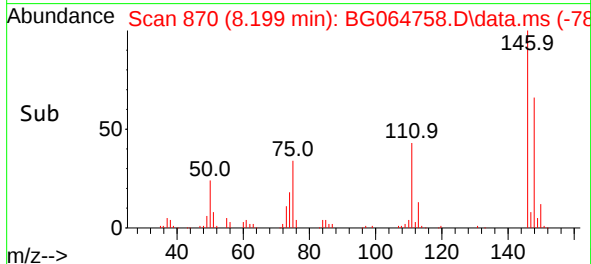
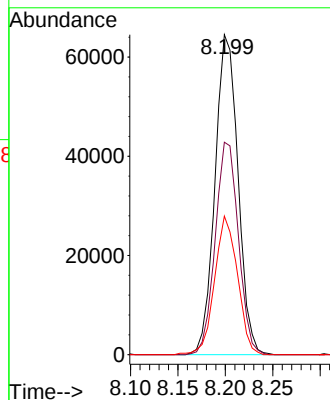
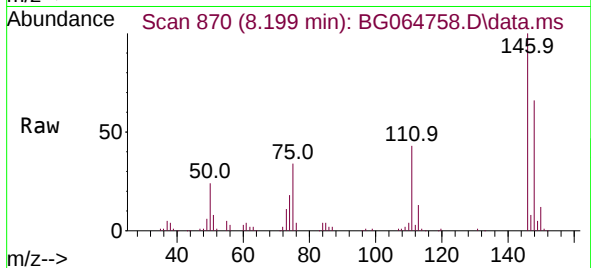
PB170528BS

Tgt Ion:146 Resp: 109006
 Ion Ratio Lower Upper
 146 100
 148 66.4 53.1 79.7
 111 43.3 34.1 51.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025



#14

1,2-Dichlorobenzene

Concen: 41.377 ng

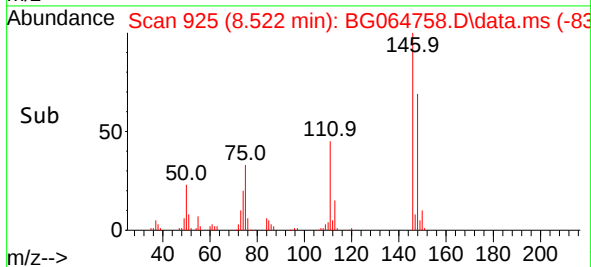
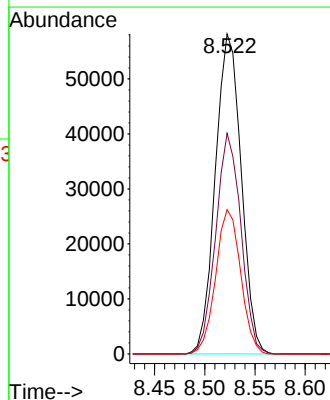
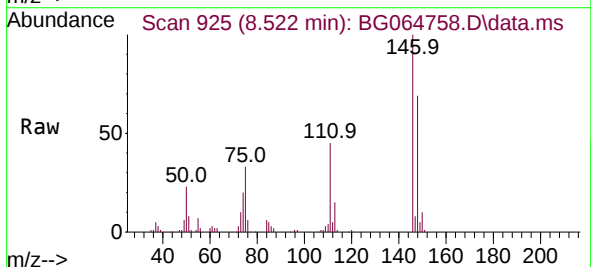
RT: 8.522 min Scan# 925

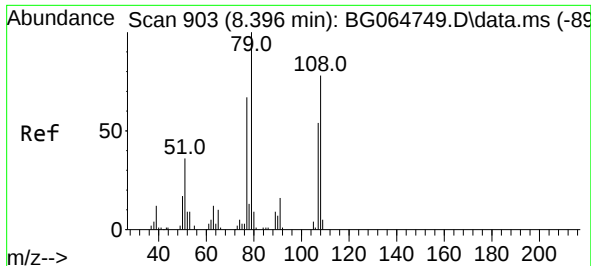
Delta R.T. -0.004 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

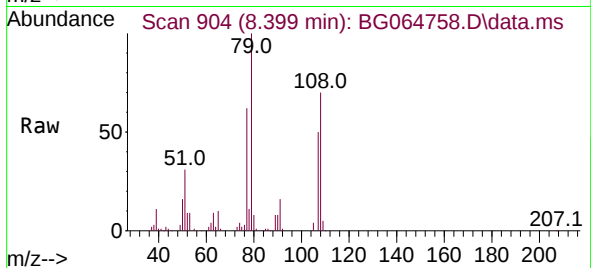
Tgt Ion:146 Resp: 104476
 Ion Ratio Lower Upper
 146 100
 148 68.9 52.0 78.0
 111 45.1 34.7 52.1





#15
Benzyl Alcohol
Concen: 44.124 ng
RT: 8.399 min Scan# 903
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

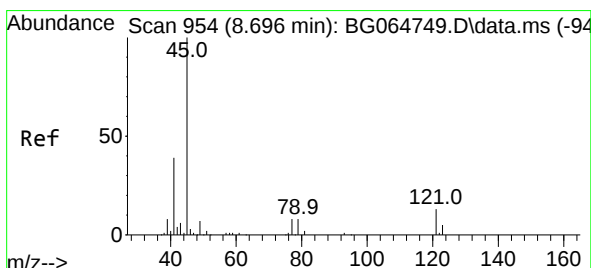
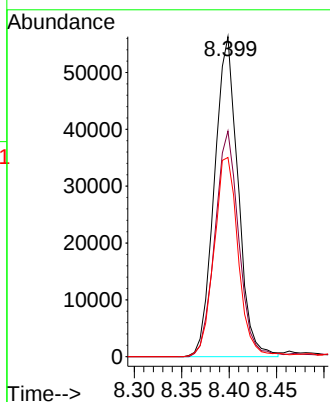
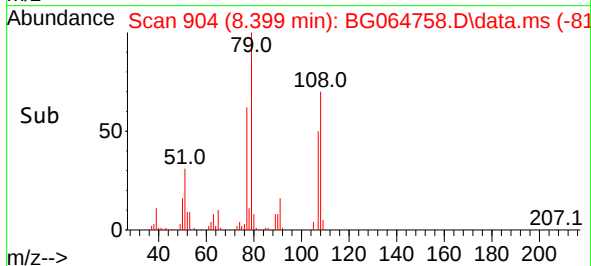
Instrument :
BNA_G
ClientSampleId :
PB170528BS



Tgt Ion: 79 Resp: 97504
Ion Ratio Lower Upper
79 100
108 70.5 62.3 93.5
77 62.2 53.5 80.3

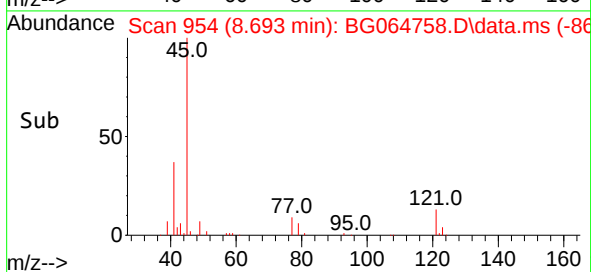
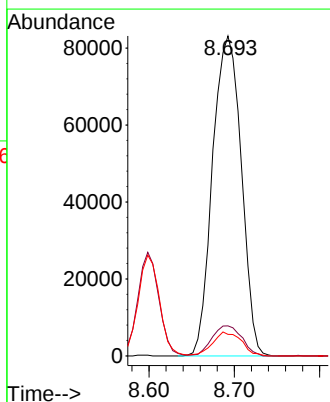
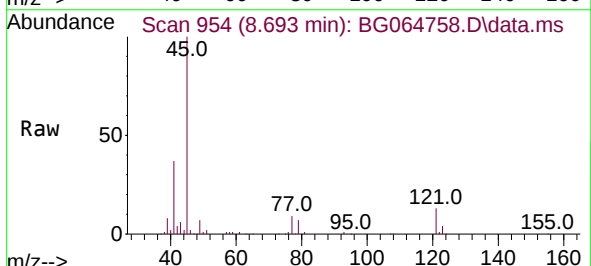
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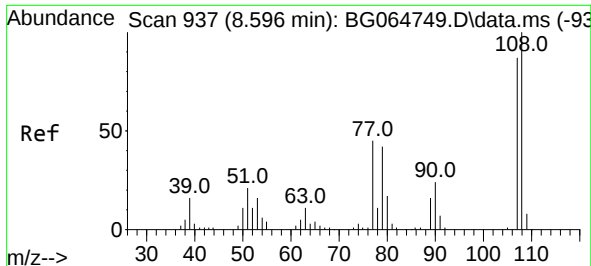
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.357 ng
RT: 8.693 min Scan# 954
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

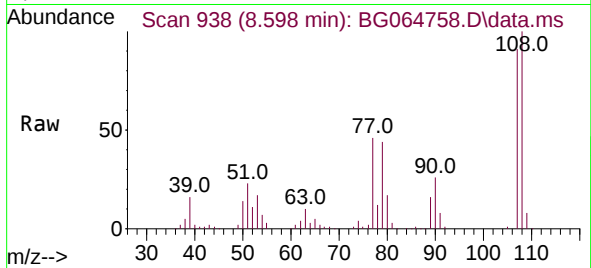
Tgt Ion: 45 Resp: 194173
Ion Ratio Lower Upper
45 100
77 9.4 0.0 28.8
79 6.7 0.0 28.1





#17
2-Methylphenol
Concen: 44.037 ng
RT: 8.598 min Scan# 937
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

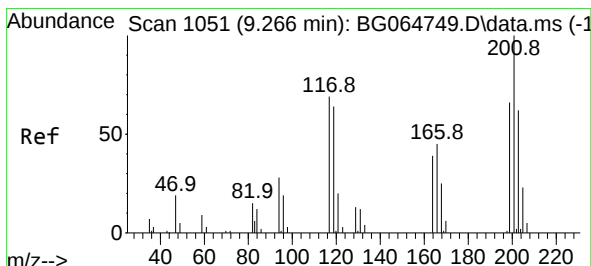
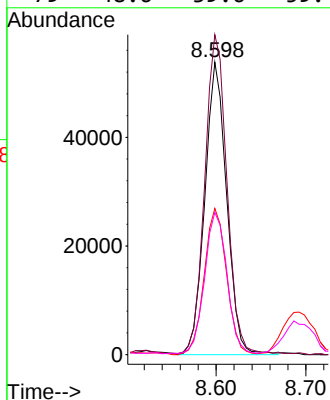
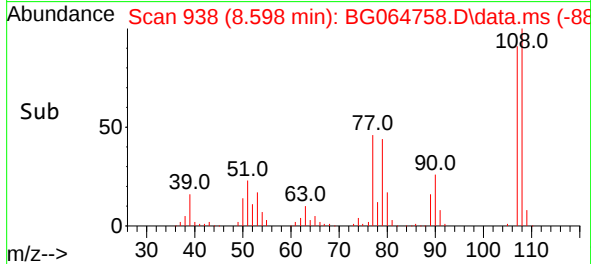
Instrument :
BNA_G
ClientSampleId :
PB170528BS



Tgt Ion:107 Resp: 91269
Ion Ratio Lower Upper
107 100
108 109.4 92.6 138.8
77 50.0 41.2 61.8
79 48.6 39.6 59.4

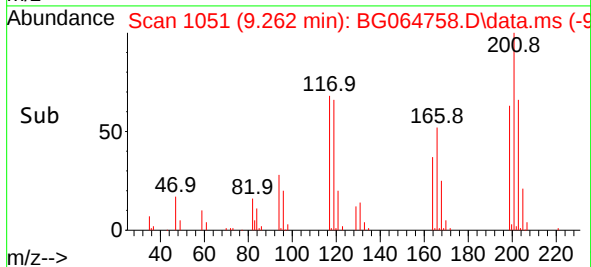
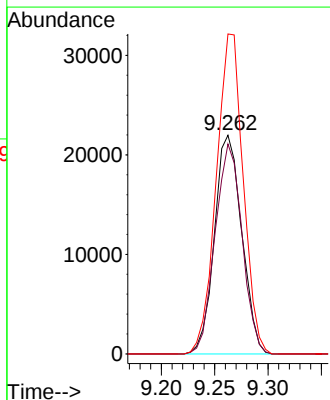
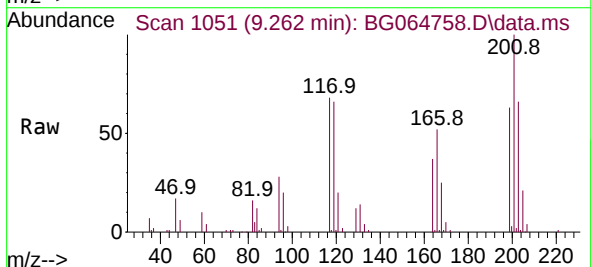
Manual Integrations
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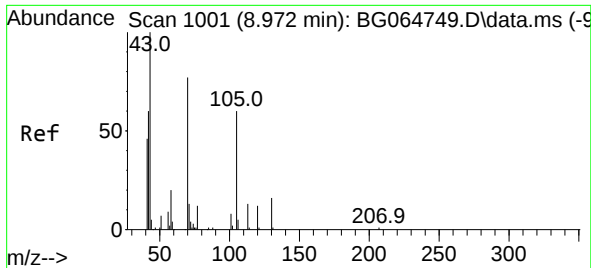
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#18
Hexachloroethane
Concen: 39.656 ng
RT: 9.262 min Scan# 1051
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

Tgt Ion:117 Resp: 39113
Ion Ratio Lower Upper
117 100
119 94.8 74.4 111.6
201 144.5 116.5 174.7





#19

n-Nitroso-di-n-propylamine

Concen: 41.570 ng

RT: 8.969 min Scan# 1001

Delta R.T. -0.004 min

Lab File: BG064758.D

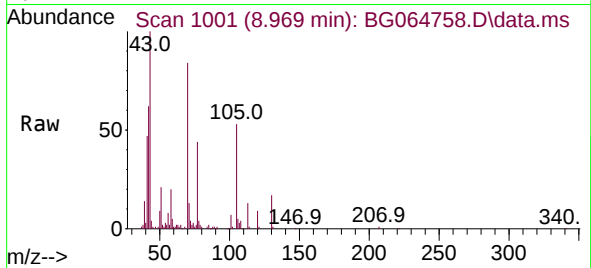
Acq: 13 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

PB170528BS



Tgt Ion: 70 Resp: 75668

Ion Ratio Lower Upper

70 100

42 74.3 62.6 93.8

101 8.8 8.0 12.0

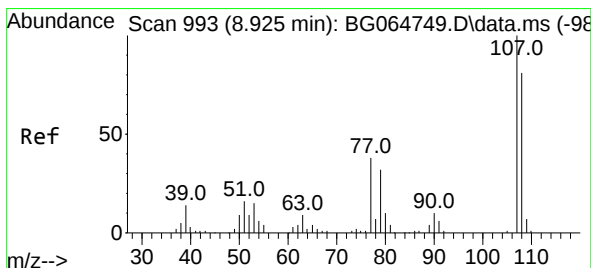
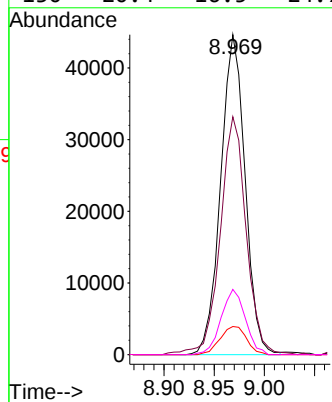
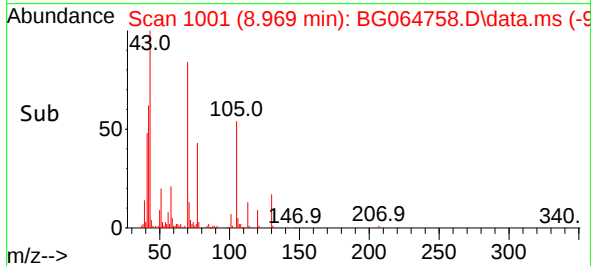
130 20.4 16.5 24.7

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#20

3+4-Methylphenols

Concen: 42.845 ng

RT: 8.928 min Scan# 994

Delta R.T. 0.002 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

Tgt Ion:107 Resp: 121650

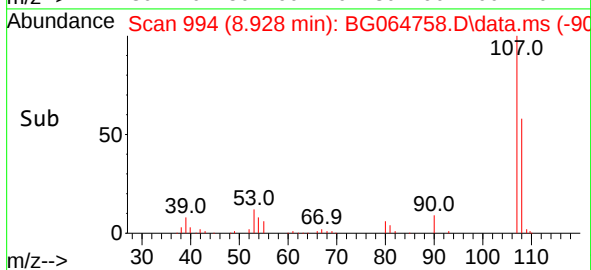
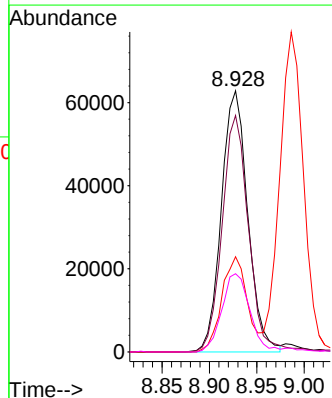
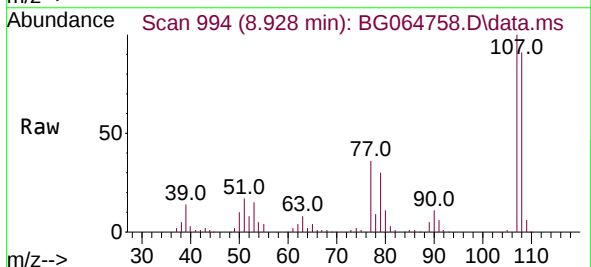
Ion Ratio Lower Upper

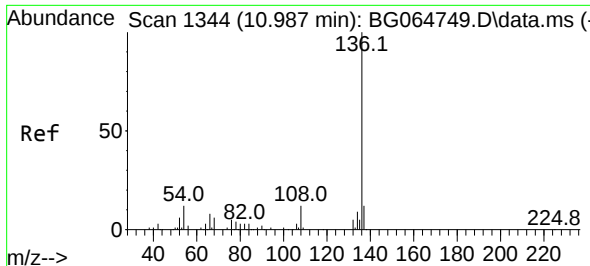
107 100

108 90.6 61.0 101.0

77 36.4 17.6 57.6

79 29.9 12.3 52.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.984 min Scan# 1344
Delta R.T. -0.003 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

Instrument :

BNA_G

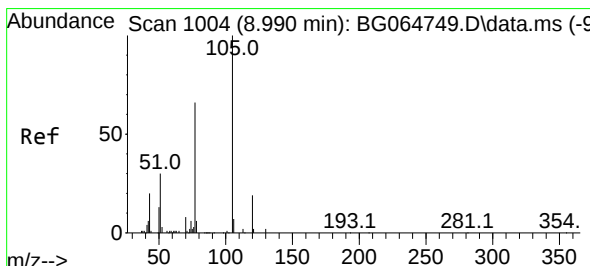
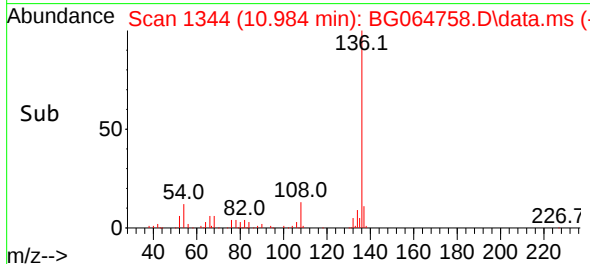
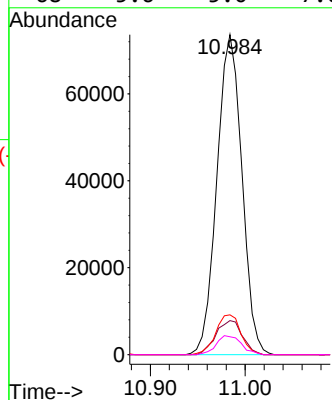
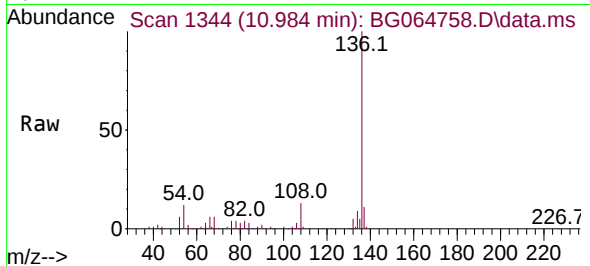
ClientSampleId :

PB170528BS

Tgt Ion:136 Resp: 134884
Ion Ratio Lower Upper
136 100
137 10.6 9.3 13.9
54 12.4 9.3 13.9
68 5.6 5.0 7.6

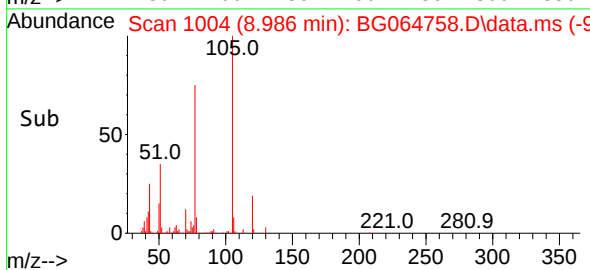
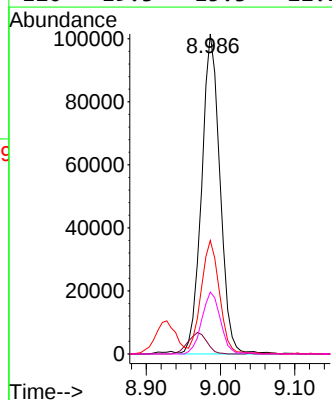
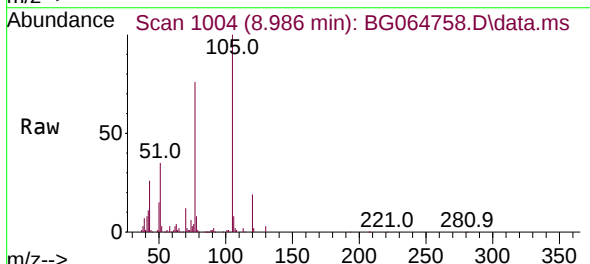
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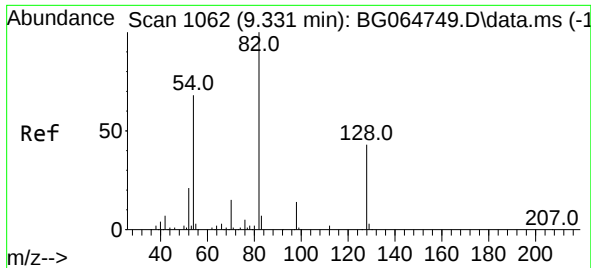
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#22
Acetophenone
Concen: 47.481 ng
RT: 8.986 min Scan# 1004
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

Tgt Ion:105 Resp: 174486
Ion Ratio Lower Upper
105 100
71 2.2 1.3 1.9#
51 35.4 27.9 41.9
120 19.3 15.3 22.9





#23
Nitrobenzene-d5
Concen: 78.611 ng
RT: 9.327 min Scan# 1062
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

Instrument :

BNA_G

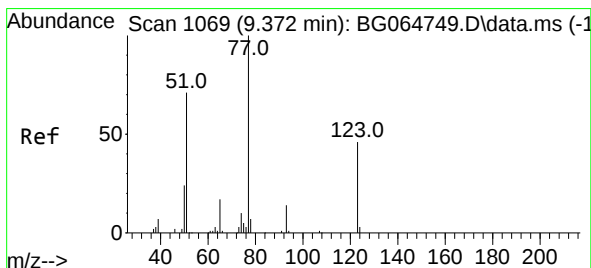
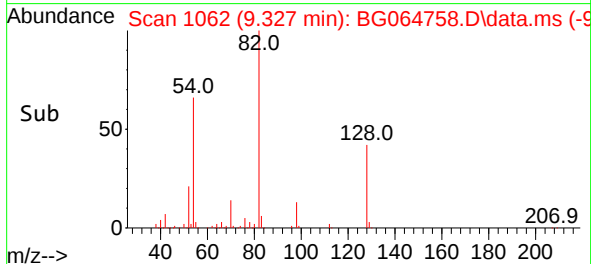
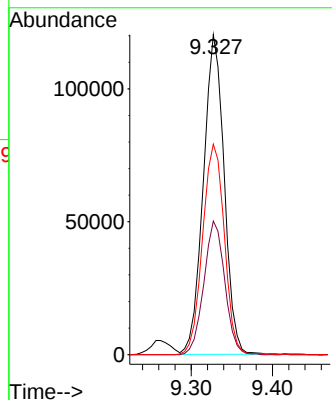
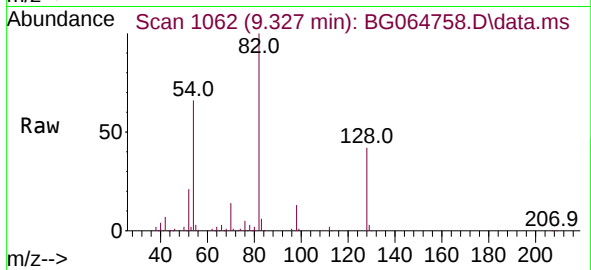
ClientSampleId :

PB170528BS

Tgt Ion: 82 Resp: 214456
Ion Ratio Lower Upper
82 100
128 41.7 34.1 51.1
54 65.8 54.3 81.5

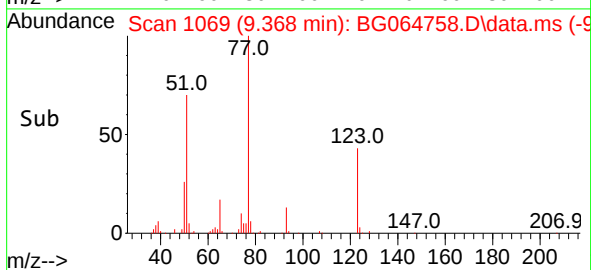
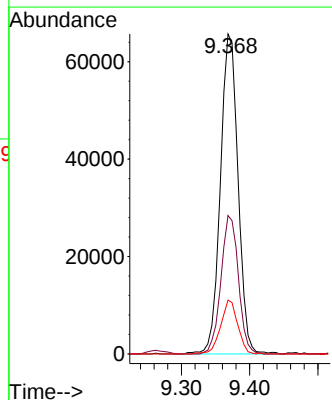
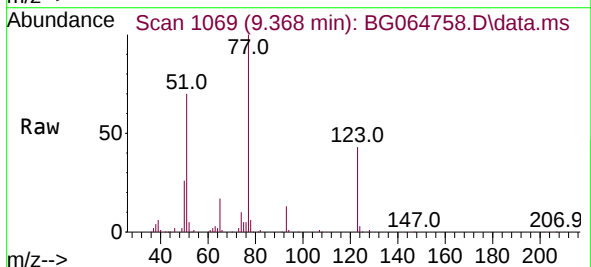
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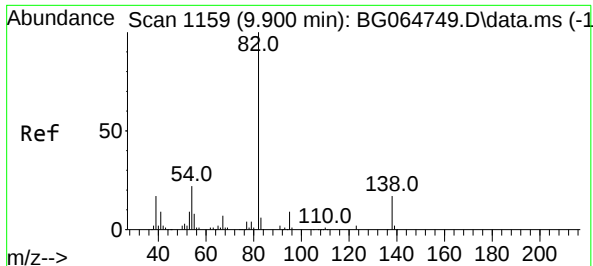
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#24
Nitrobenzene
Concen: 42.635 ng
RT: 9.368 min Scan# 1069
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

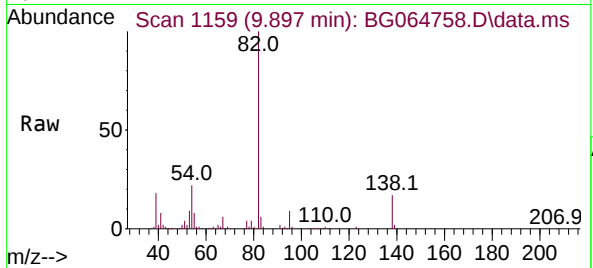
Tgt Ion: 77 Resp: 117523
Ion Ratio Lower Upper
77 100
123 43.2 36.5 54.7
65 16.8 13.5 20.3





#25
Isophorone
Concen: 41.384 ng
RT: 9.897 min Scan# 1159
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

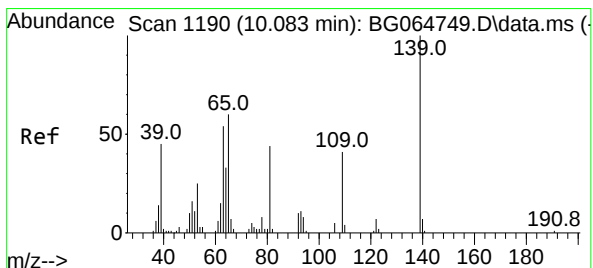
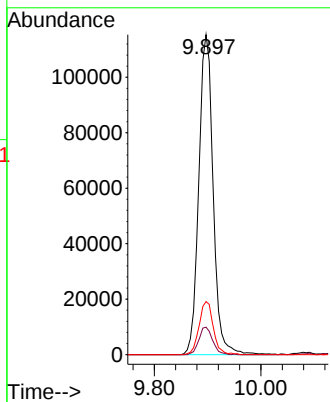
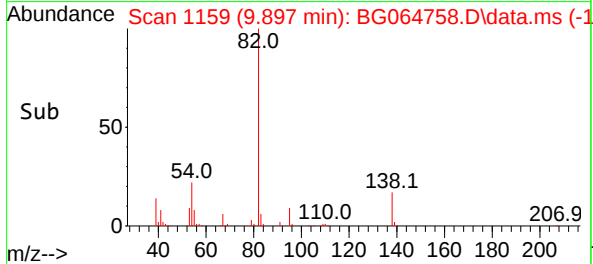
Instrument :
BNA_G
ClientSampleId :
PB170528BS



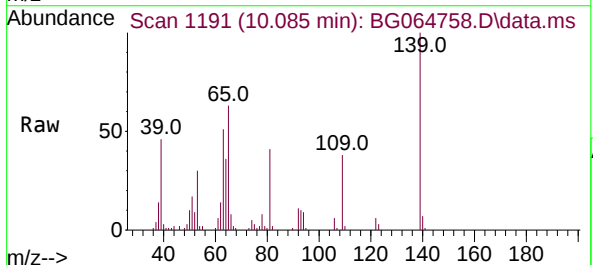
Tgt Ion: 82 Resp: 214996
Ion Ratio Lower Upper
82 100
95 8.6 6.9 10.3
138 16.6 13.9 20.9

Manual Integrations
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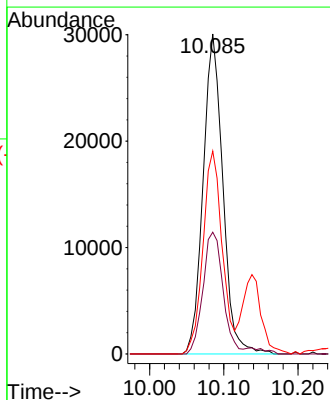
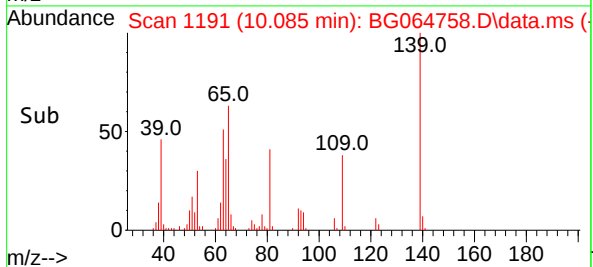
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

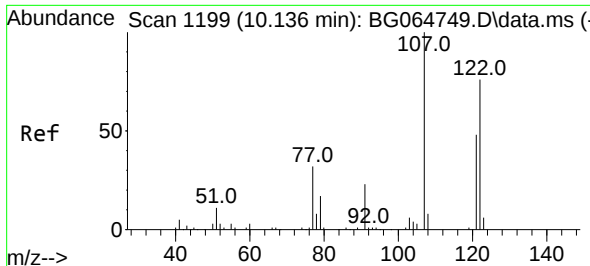


#26
2-Nitrophenol
Concen: 44.728 ng
RT: 10.085 min Scan# 1191
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57



Tgt Ion:139 Resp: 55456
Ion Ratio Lower Upper
139 100
109 38.0 32.5 48.7
65 63.4 47.6 71.4





#27

2,4-Dimethylphenol

Concen: 43.957 ng

RT: 10.138 min Scan# 1199

Delta R.T. 0.002 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

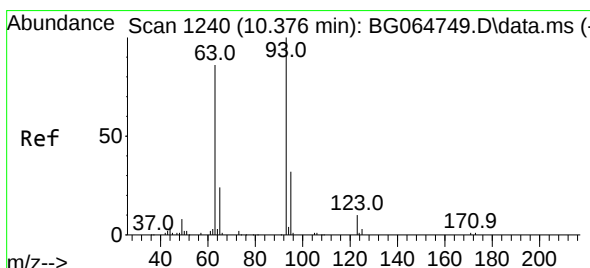
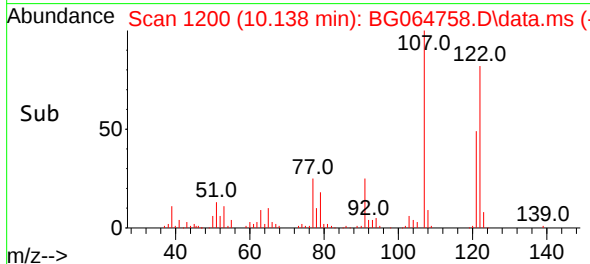
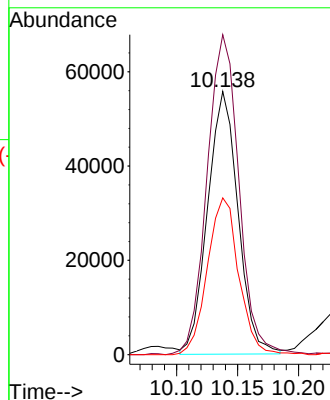
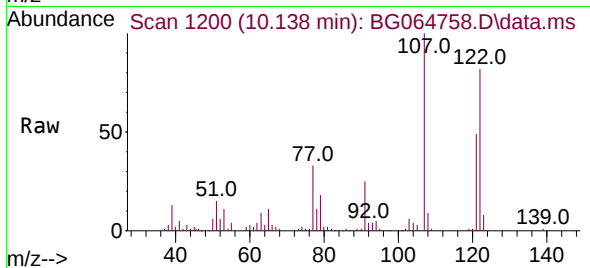
PB170528BS

Tgt Ion:	122	Resp:	9682
Ion Ratio	Lower	Upper	
122	100		
107	121.6	102.5	153.7
121	59.5	49.0	73.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#28

bis(2-Chloroethoxy)methane

Concen: 42.821 ng

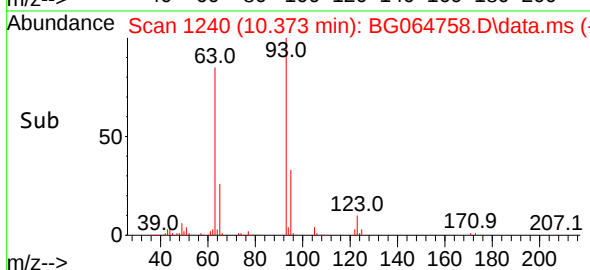
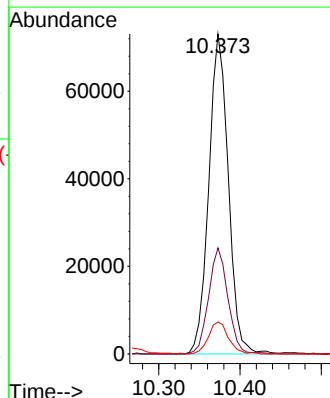
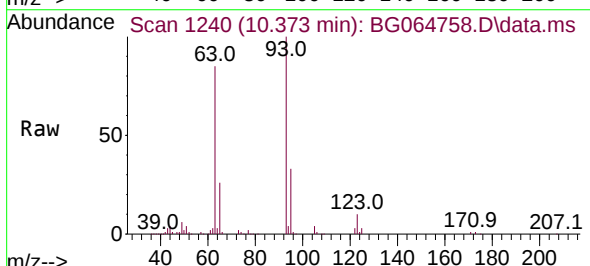
RT: 10.373 min Scan# 1240

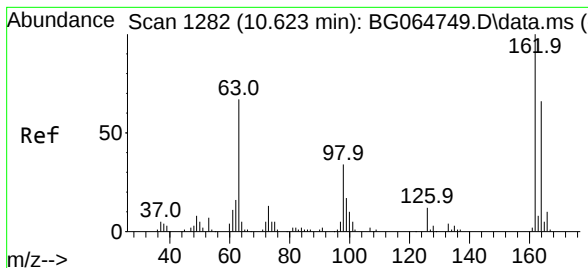
Delta R.T. -0.004 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

Tgt Ion:	93	Resp:	122129
Ion Ratio	Lower	Upper	
93	100		
95	33.1	25.4	38.2
123	10.0	8.1	12.1





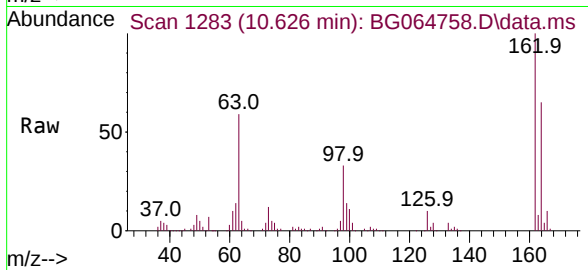
#29
2,4-Dichlorophenol
Concen: 46.910 ng
RT: 10.626 min Scan# 1282
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

PB170528BS

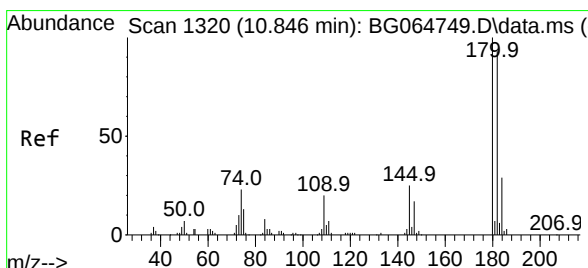
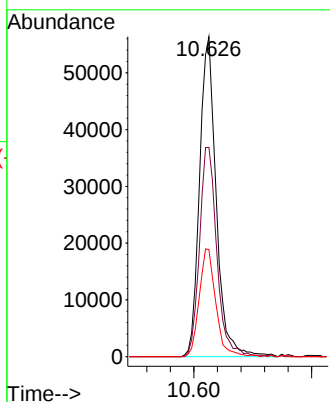
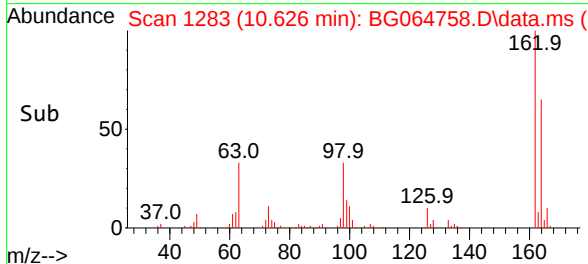


Tgt Ion:162 Resp: 110934
Ion Ratio Lower Upper
162 100
164 65.4 46.0 86.0
98 33.4 14.2 54.2

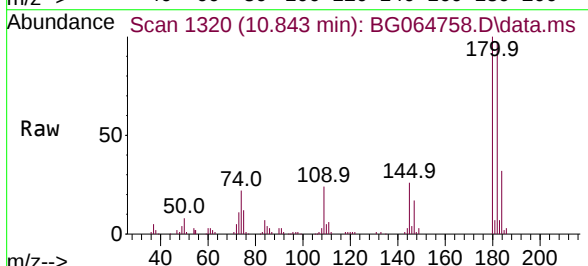
Manual Integrations

APPROVED

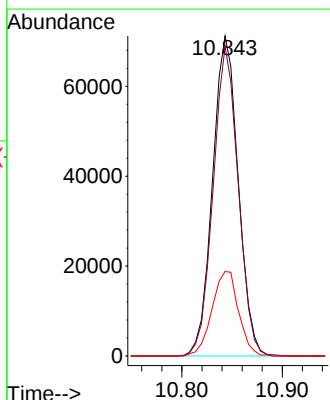
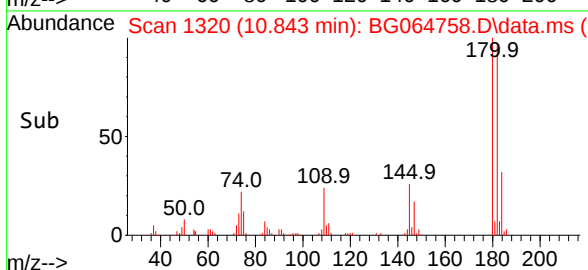
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

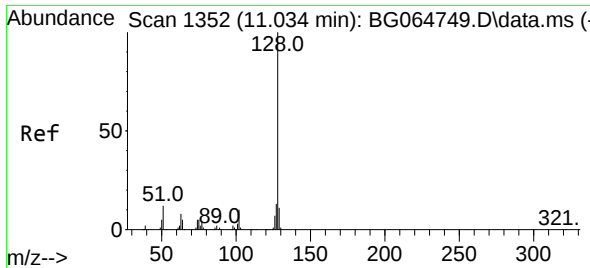


#30
1,2,4-Trichlorobenzene
Concen: 44.200 ng
RT: 10.843 min Scan# 1320
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57



Tgt Ion:180 Resp: 126218
Ion Ratio Lower Upper
180 100
182 96.7 74.2 111.4
145 26.4 20.0 30.0





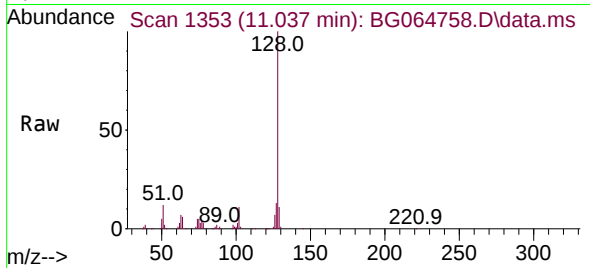
#31
Naphthalene
Concen: 41.682 ng
RT: 11.037 min Scan# 1352
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

PB170528BS

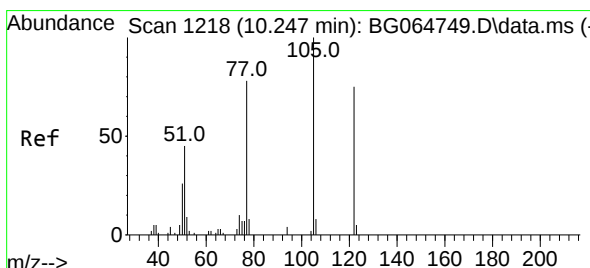
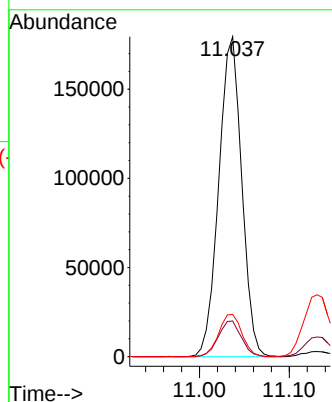
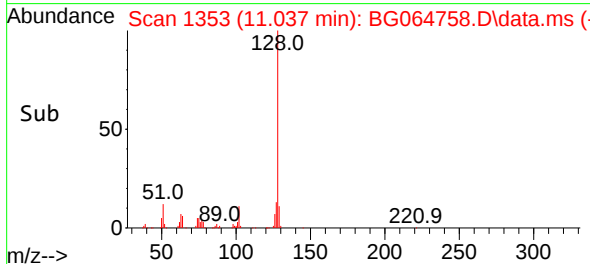


Tgt Ion:128 Resp: 318715
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 13.2 10.6 16.0

Manual Integrations

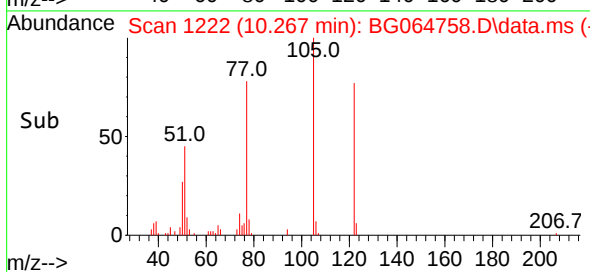
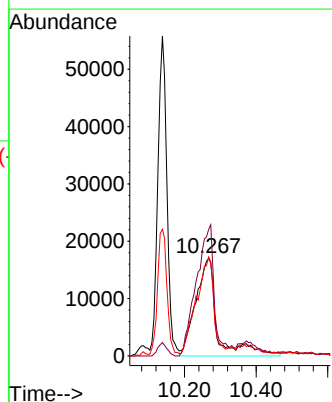
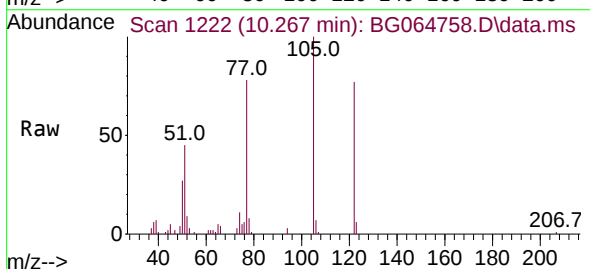
APPROVED

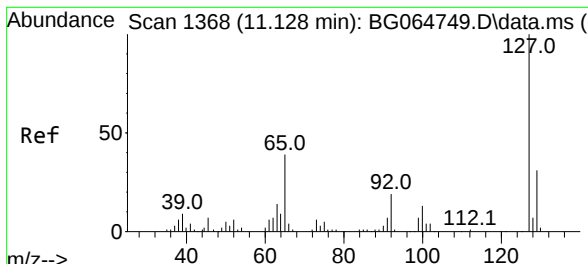
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#32
Benzoic acid
Concen: 46.017 ng m
RT: 10.267 min Scan# 1222
Delta R.T. 0.020 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

Tgt Ion:122 Resp: 71107
Ion Ratio Lower Upper
122 100
105 129.4 107.6 147.6
77 101.3 82.5 122.5





#33
 4-Chloroaniline
 Concen: 24.575 ng
 RT: 11.131 min Scan# 1369
 Delta R.T. 0.002 min
 Lab File: BG064758.D
 Acq: 13 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

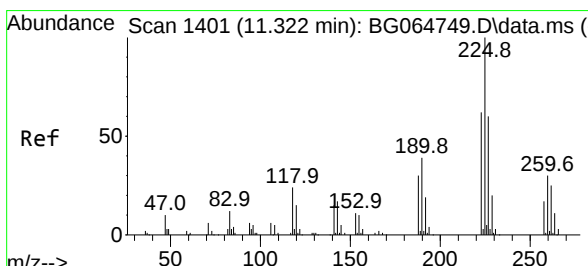
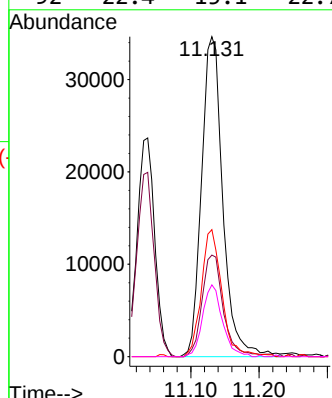
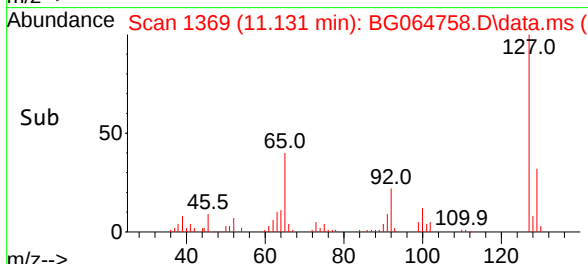
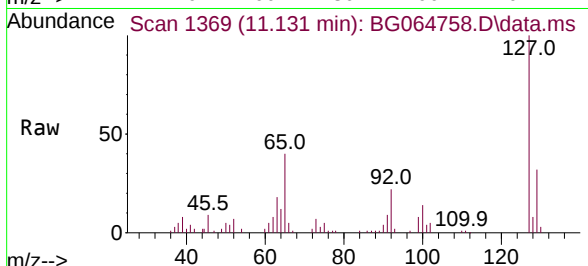
PB170528BS

Tgt Ion:	127	Resp:	75168
Ion Ratio	Lower	Upper	
127	100		
129	31.7	24.9	37.3
65	39.7	30.9	46.3
92	22.4	15.1	22.7

Manual Integrations

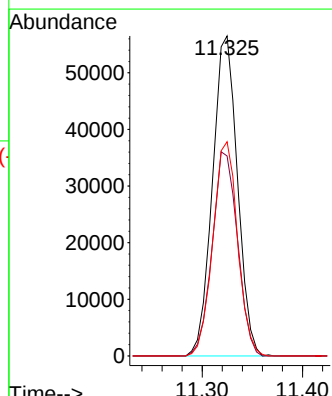
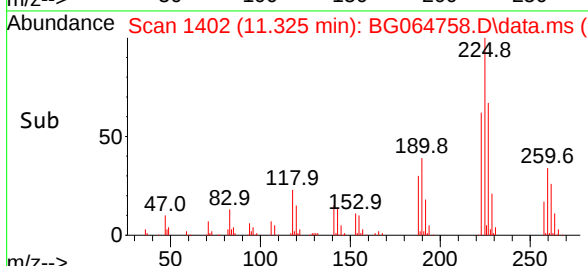
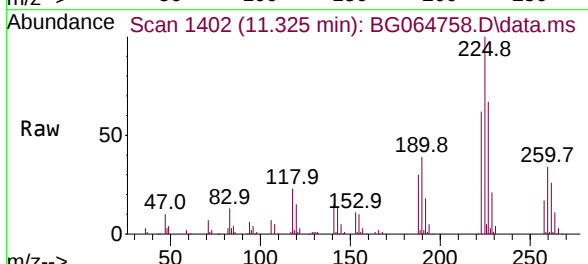
APPROVED

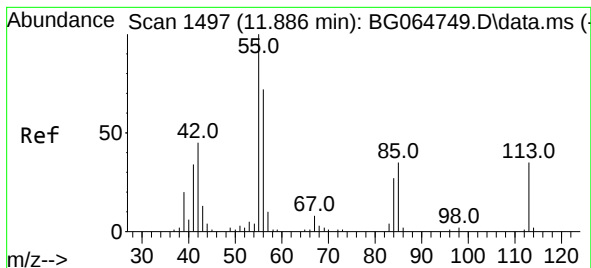
Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025



#34
 Hexachlorobutadiene
 Concen: 39.855 ng
 RT: 11.325 min Scan# 1402
 Delta R.T. 0.002 min
 Lab File: BG064758.D
 Acq: 13 Nov 2025 15:57

Tgt Ion:	225	Resp:	97649
Ion Ratio	Lower	Upper	
225	100		
223	59.7	49.9	74.9
227	64.0	50.6	75.8





#35

Caprolactam

Concen: 46.409 ng m

RT: 11.889 min Scan# 1497

Delta R.T. 0.002 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

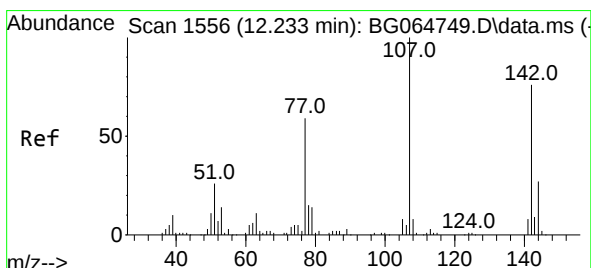
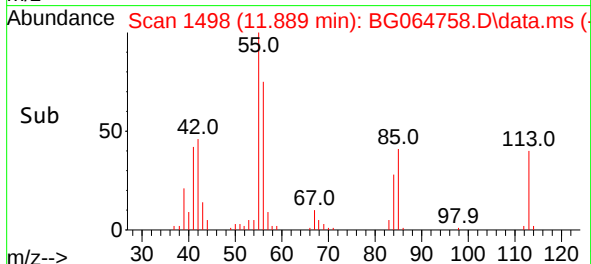
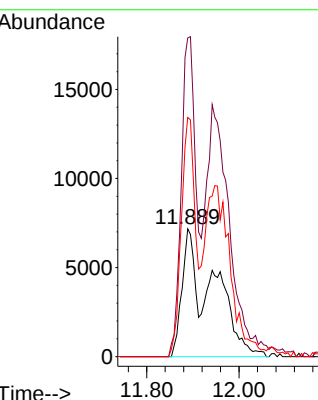
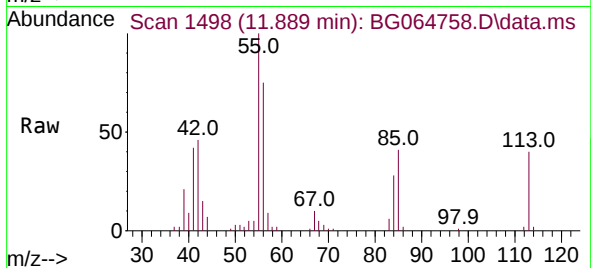
PB170528BS

Tgt Ion:113 Resp: 32826
 Ion Ratio Lower Upper
 113 100
 55 249.6 263.7 303.7
 56 187.3 184.0 224.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025



#36

4-Chloro-3-methylphenol

Concen: 45.014 ng

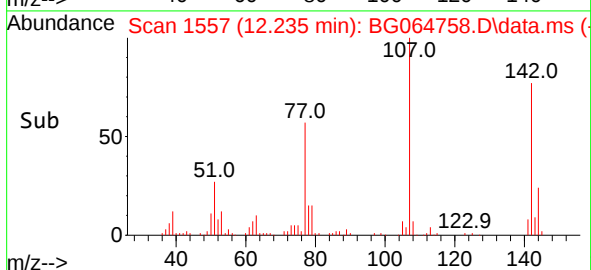
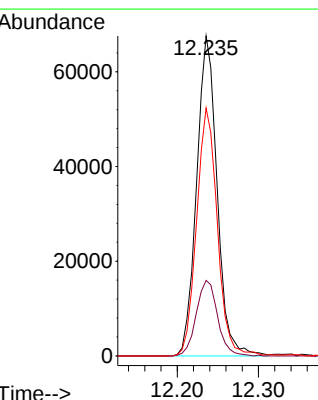
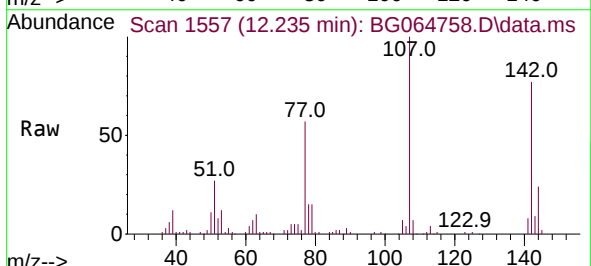
RT: 12.235 min Scan# 1557

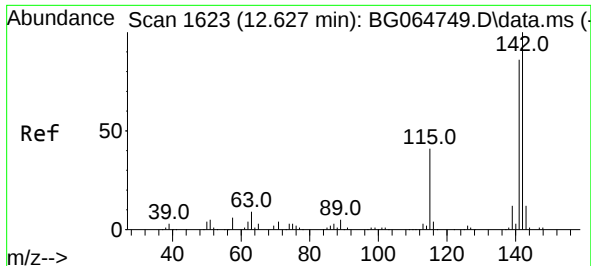
Delta R.T. 0.002 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

Tgt Ion:107 Resp: 118485
 Ion Ratio Lower Upper
 107 100
 144 23.6 21.7 32.5
 142 77.4 60.8 91.2





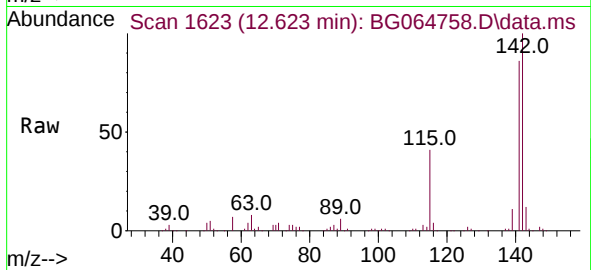
#37
2-Methylnaphthalene
Concen: 38.036 ng
RT: 12.623 min Scan# 1623
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

PB170528BS

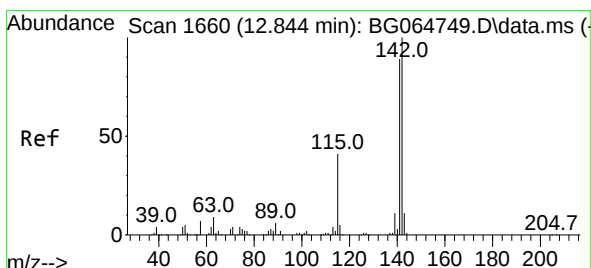
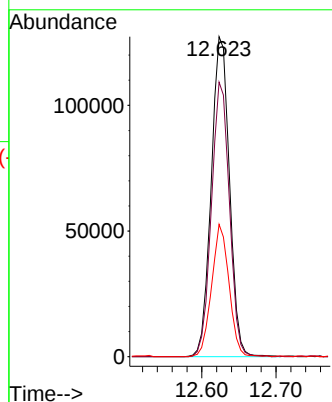
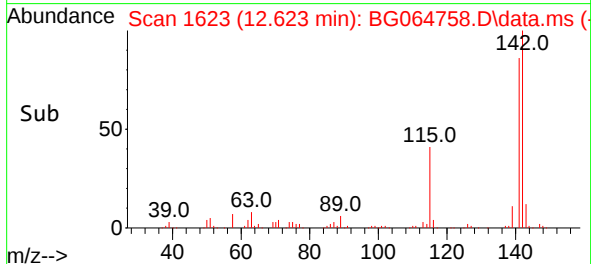


Tgt Ion:142 Resp: 217639
Ion Ratio Lower Upper
142 100
141 85.8 69.1 103.7
115 41.3 32.9 49.3

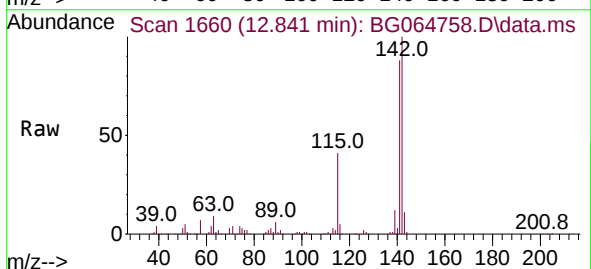
Manual Integrations

APPROVED

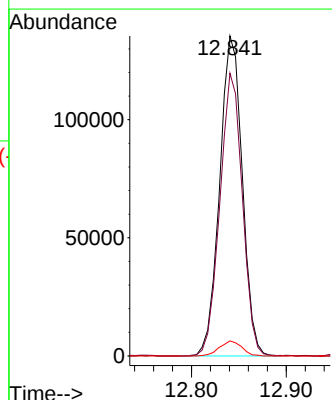
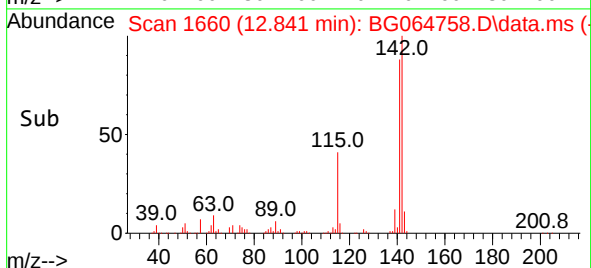
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

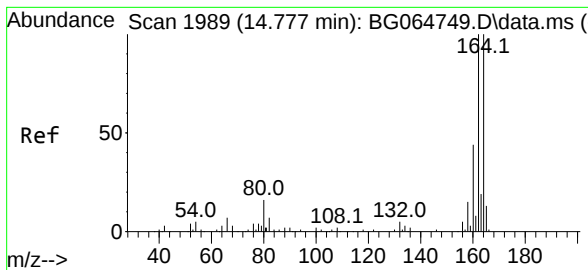


#38
1-Methylnaphthalene
Concen: 39.473 ng
RT: 12.841 min Scan# 1660
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57



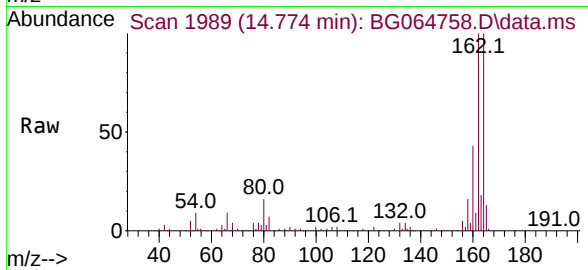
Tgt Ion:142 Resp: 224362
Ion Ratio Lower Upper
142 100
141 88.3 70.8 106.2
116 4.7 3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.774 min Scan# 1989
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

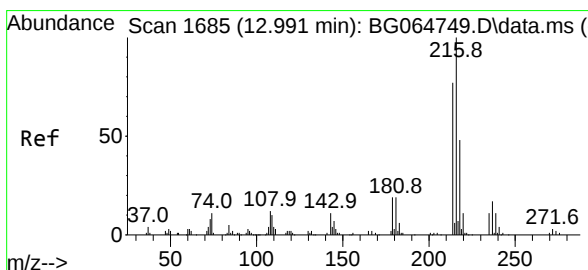
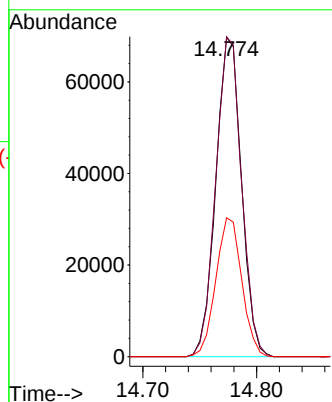
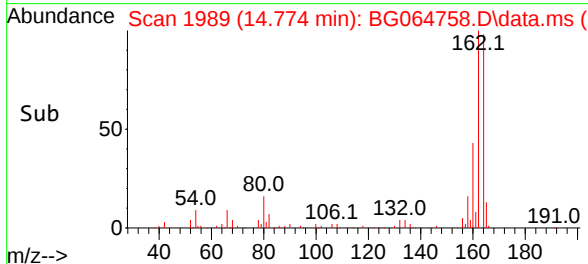
Instrument :
BNA_G
ClientSampleId :
PB170528BS



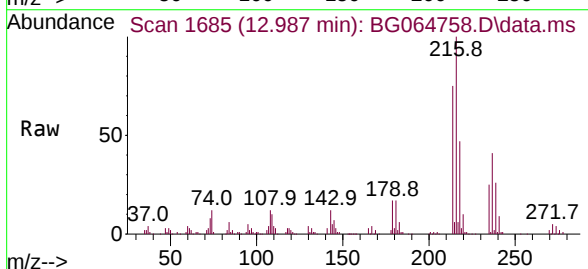
Tgt Ion:164 Resp: 109093
Ion Ratio Lower Upper
164 100
162 100.2 79.8 119.6
160 43.5 34.9 52.3

Manual Integrations
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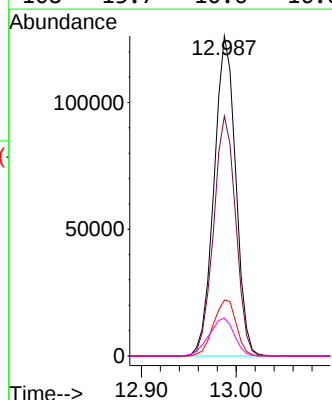
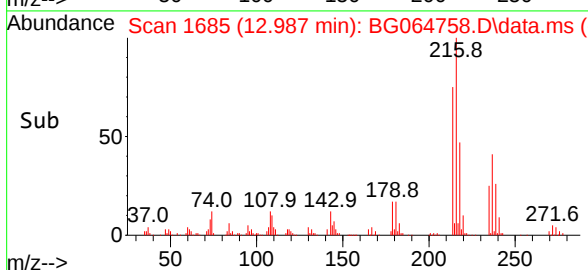
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

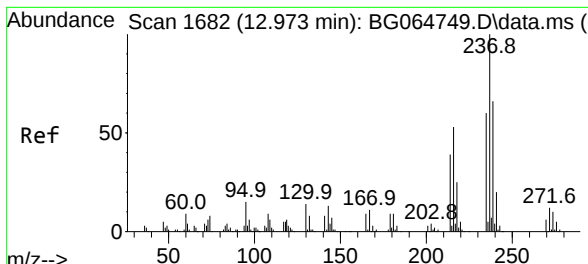


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.111 ng
RT: 12.987 min Scan# 1685
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57



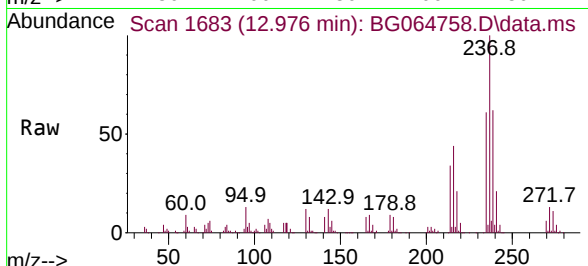
Tgt Ion:216 Resp: 200015
Ion Ratio Lower Upper
216 100
214 76.6 60.5 90.7
179 18.4 14.7 22.1
108 13.7 10.6 16.0





#41
Hexachlorocyclopentadiene
Concen: 75.176 ng
RT: 12.976 min Scan# 1683
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

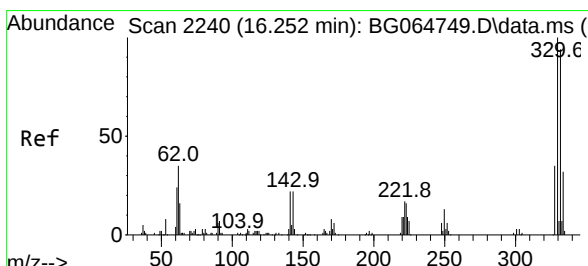
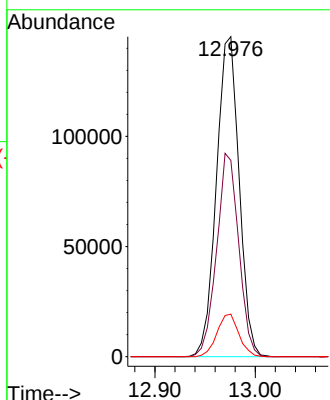
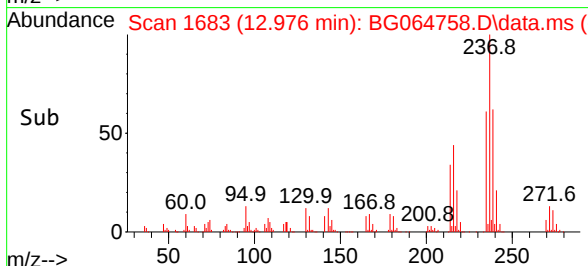
Instrument :
BNA_G
ClientSampleId :
PB170528BS



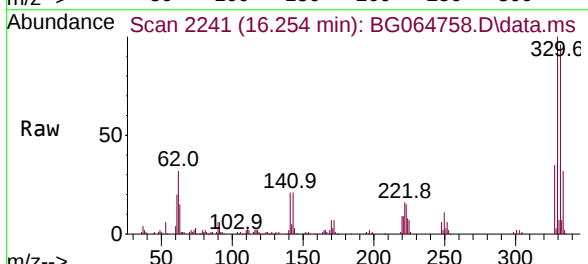
Tgt Ion: 237 Resp: 228769
Ion Ratio Lower Upper
237 100
235 61.3 40.2 80.2
272 13.3 0.0 31.9

Manual Integrations
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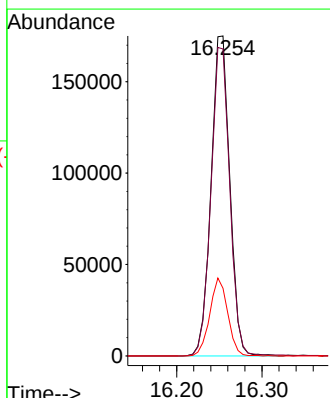
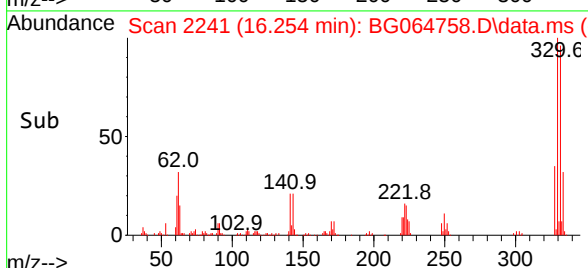
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

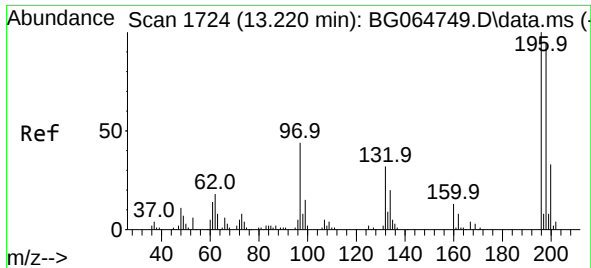


#42
2,4,6-Tribromophenol
Concen: 125.572 ng
RT: 16.254 min Scan# 2241
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57



Tgt Ion: 330 Resp: 267173
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 23.2 18.2 27.2





#43
2,4,6-Trichlorophenol
Concen: 44.897 ng
RT: 13.217 min Scan# 1724
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

Instrument :

BNA_G

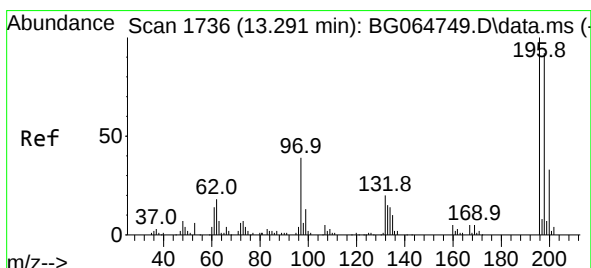
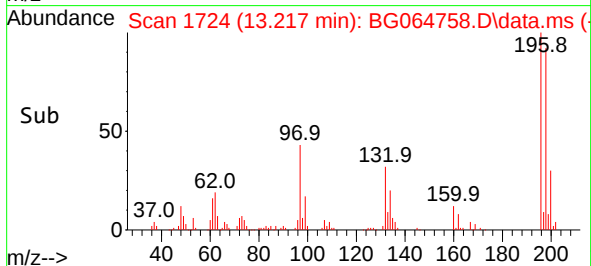
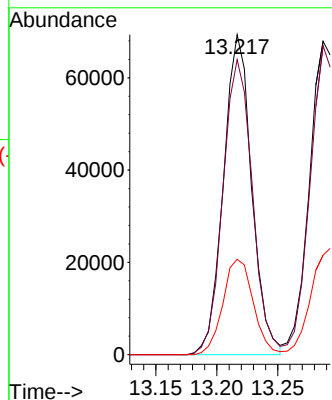
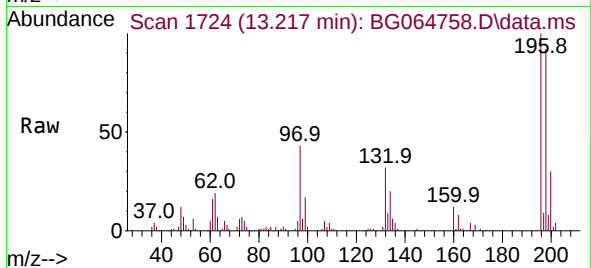
ClientSampleId :

PB170528BS

Tgt Ion:196 Resp: 111873
Ion Ratio Lower Upper
196 100
198 92.2 75.3 112.9
200 29.8 26.2 39.2

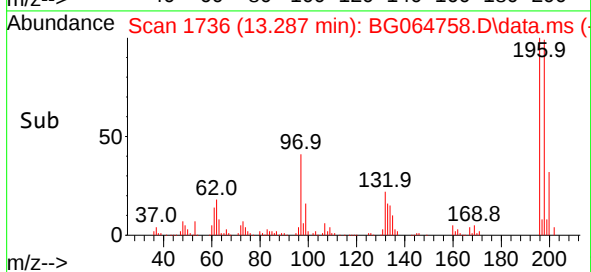
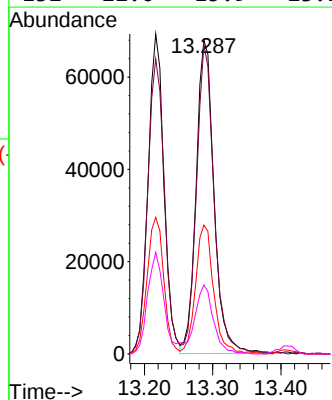
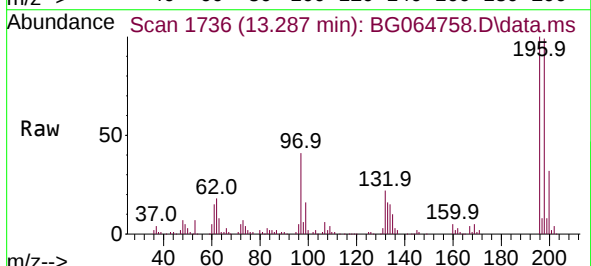
Manual Integrations
APPROVED

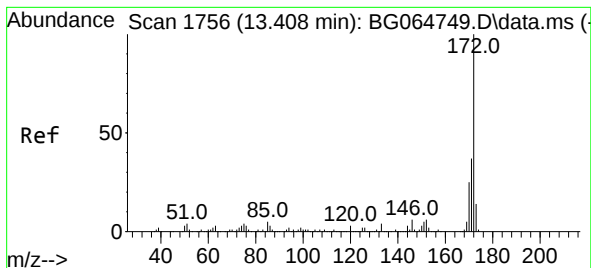
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#44
2,4,5-Trichlorophenol
Concen: 44.466 ng
RT: 13.287 min Scan# 1736
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

Tgt Ion:196 Resp: 124271
Ion Ratio Lower Upper
196 100
198 98.6 73.2 109.8
97 41.1 31.4 47.0
132 22.0 15.9 23.9





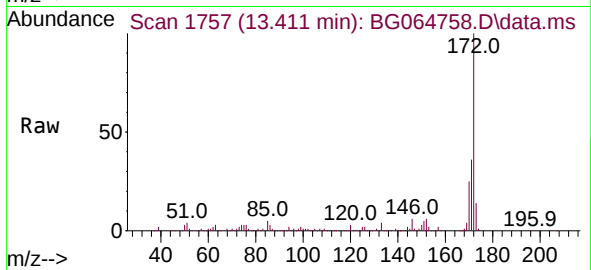
#45
2-Fluorobiphenyl
Concen: 78.077 ng
RT: 13.411 min Scan# 1757
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

PB170528BS

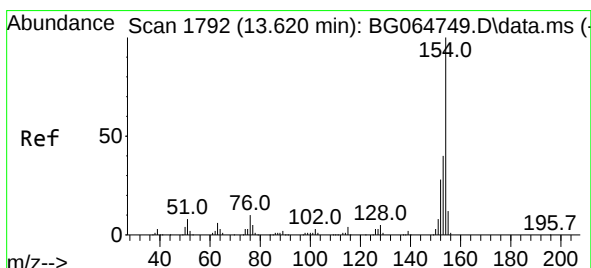
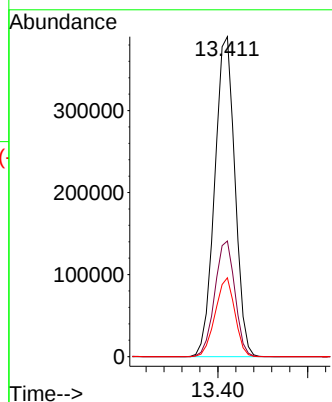
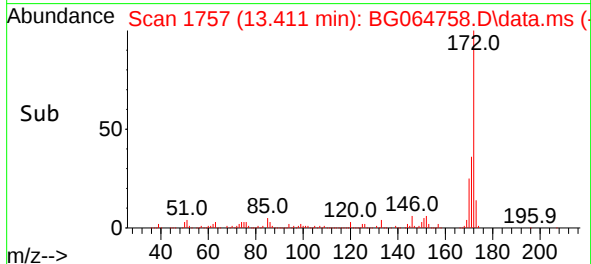


Tgt Ion:172 Resp: 610435
Ion Ratio Lower Upper
172 100
171 36.1 29.9 44.9
170 24.6 19.8 29.6

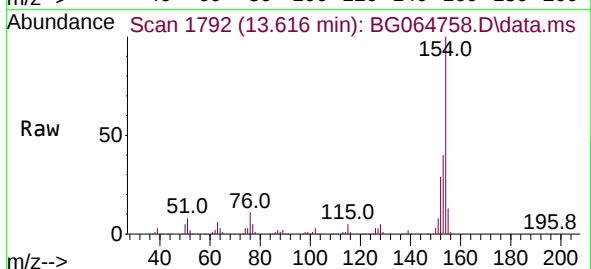
Manual Integrations

APPROVED

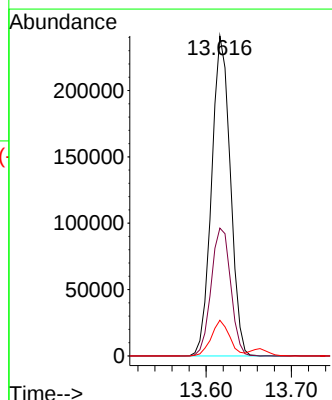
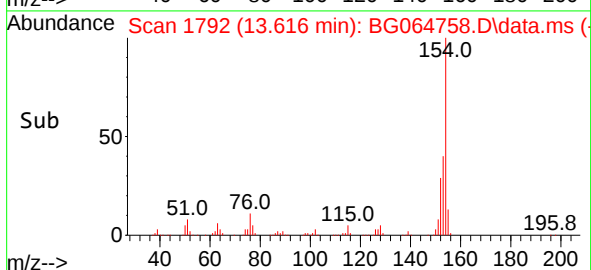
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

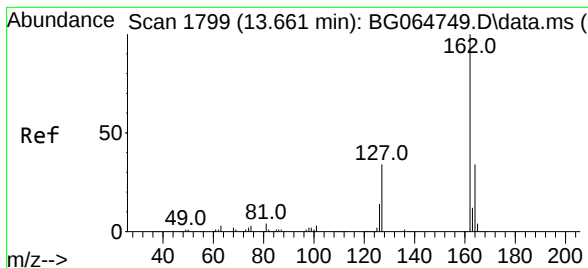


#46
1,1'-Biphenyl
Concen: 46.907 ng
RT: 13.616 min Scan# 1792
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57



Tgt Ion:154 Resp: 367538
Ion Ratio Lower Upper
154 100
153 39.9 19.8 59.8
76 11.1 0.0 30.0





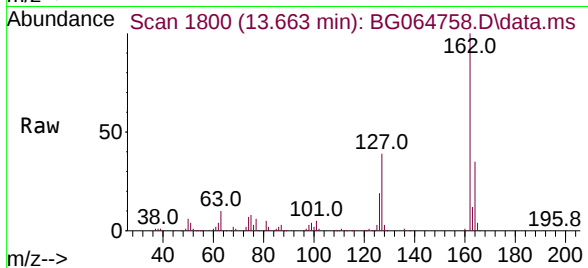
#47
2-Chloronaphthalene
Concen: 42.373 ng
RT: 13.663 min Scan# 1800
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

PB170528BS

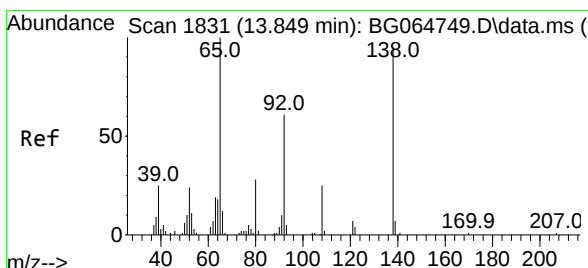
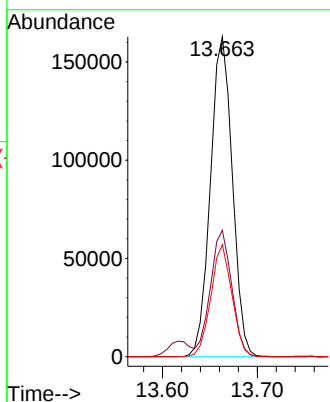
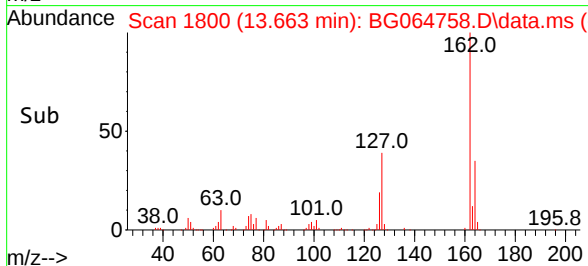


Tgt Ion:162 Resp: 261562
Ion Ratio Lower Upper
162 100
127 39.5 30.3 45.5
164 35.0 26.8 40.2

Manual Integrations

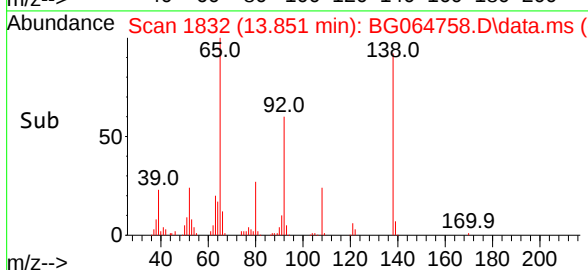
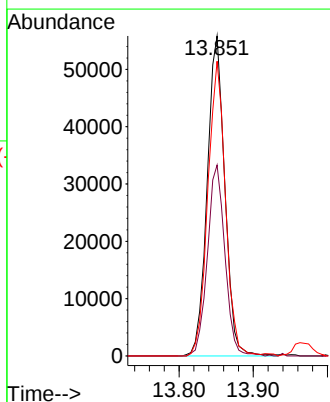
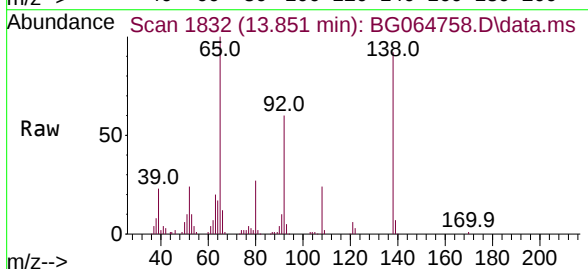
APPROVED

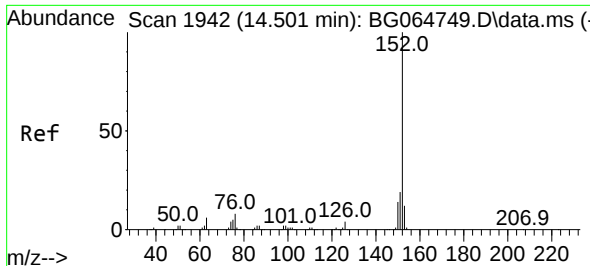
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#48
2-Nitroaniline
Concen: 46.359 ng
RT: 13.851 min Scan# 1832
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

Tgt Ion: 65 Resp: 92044
Ion Ratio Lower Upper
65 100
92 59.6 48.6 73.0
138 92.1 76.4 114.6





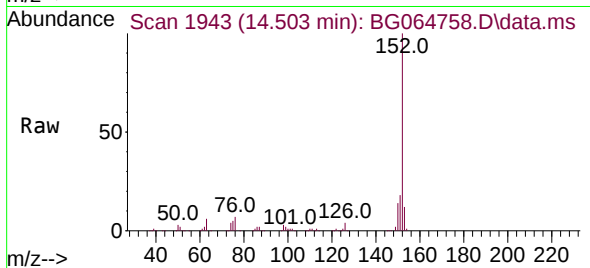
#49
Acenaphthylene
Concen: 43.255 ng
RT: 14.503 min Scan# 1943
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

PB170528BS

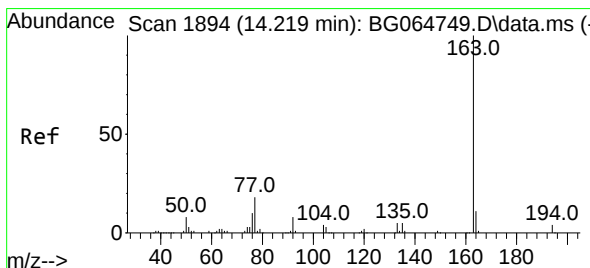
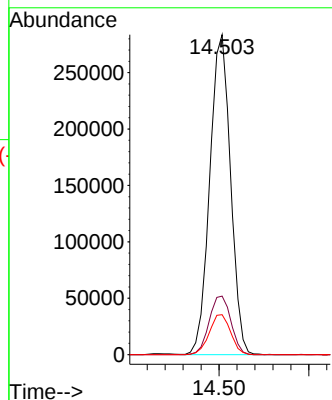
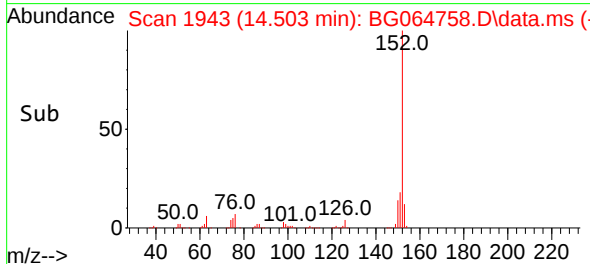


Tgt Ion:152 Resp: 456163
Ion Ratio Lower Upper
152 100
151 18.3 15.0 22.4
153 12.5 9.9 14.9

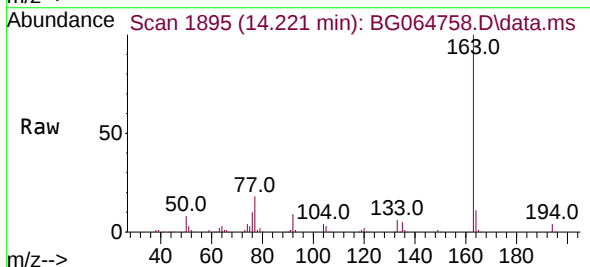
Manual Integrations

APPROVED

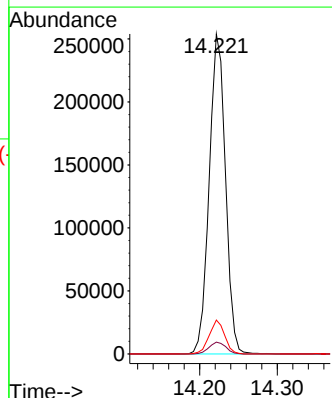
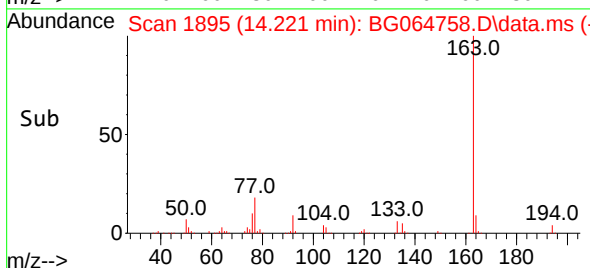
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

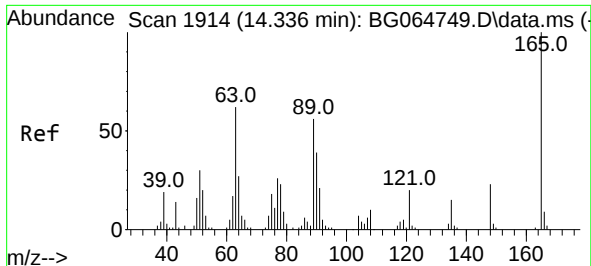


#50
Dimethylphthalate
Concen: 42.847 ng
RT: 14.221 min Scan# 1895
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57



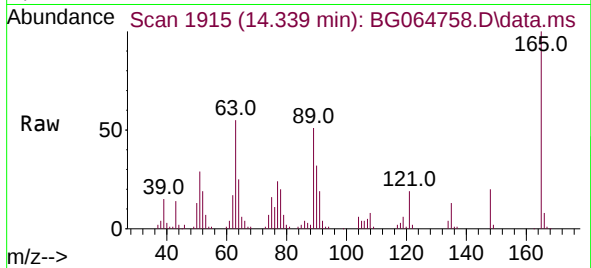
Tgt Ion:163 Resp: 369244
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 10.6 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 46.662 ng
RT: 14.339 min Scan# 1914
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

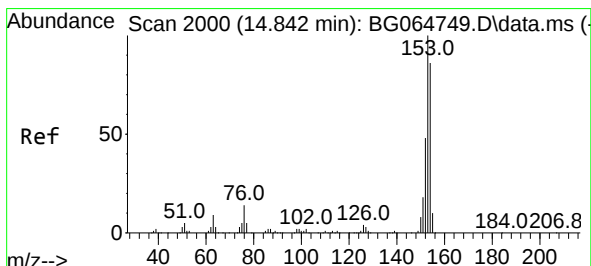
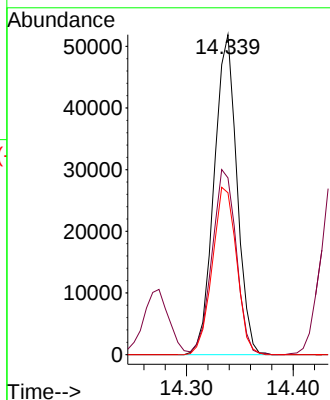
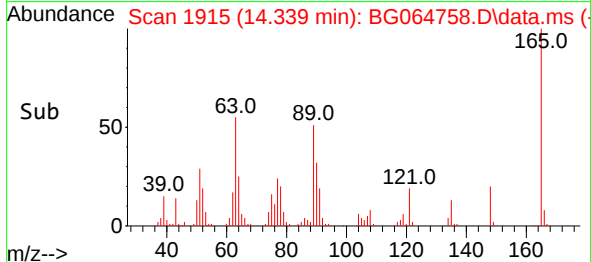
Instrument :
BNA_G
ClientSampleId :
PB170528BS



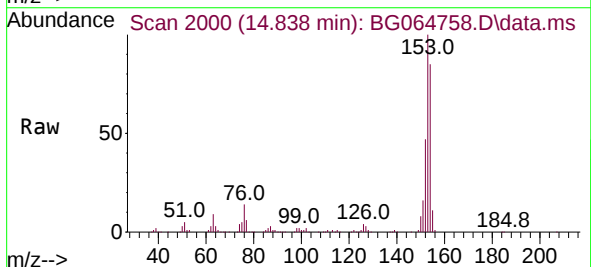
Tgt Ion:165 Resp: 77372
Ion Ratio Lower Upper
165 100
63 55.2 49.8 74.8
89 50.6 45.0 67.4

Manual Integrations
APPROVED

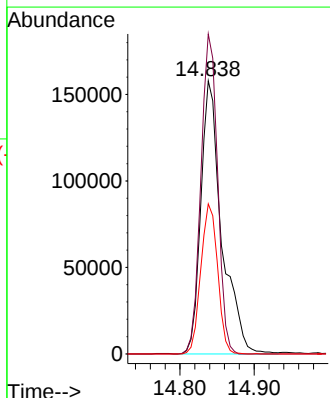
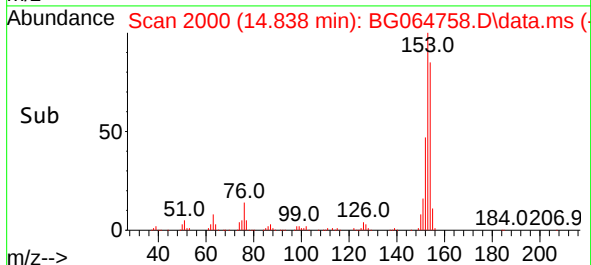
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

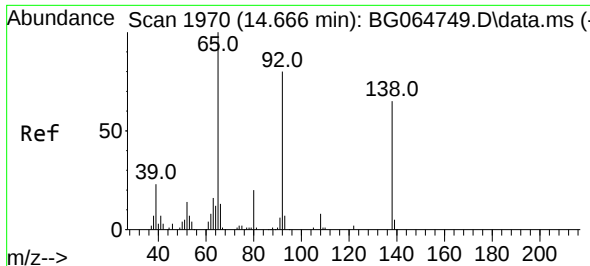


#52
Acenaphthene
Concen: 48.947 ng
RT: 14.838 min Scan# 2000
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57



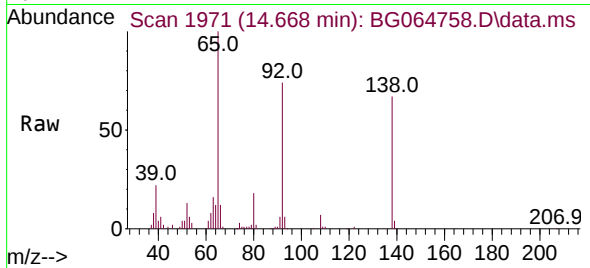
Tgt Ion:154 Resp: 309502
Ion Ratio Lower Upper
154 100
153 117.2 93.0 139.4
152 54.9 44.4 66.6





#53
3-Nitroaniline
Concen: 34.290 ng
RT: 14.668 min Scan# 1970
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

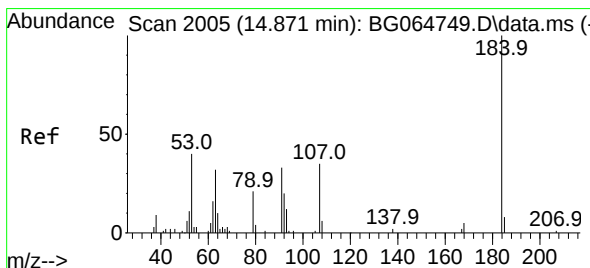
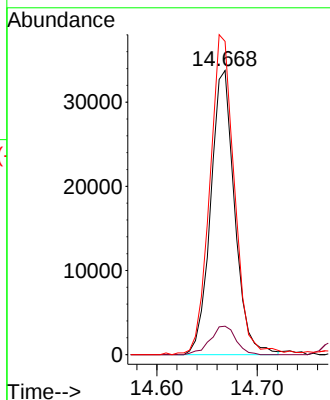
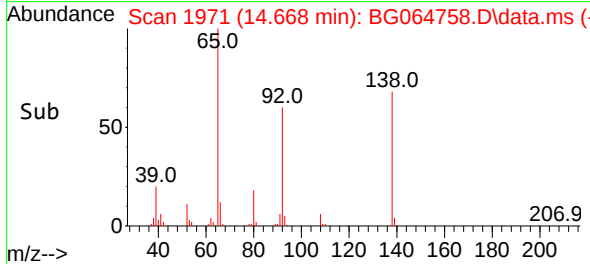
Instrument :
BNA_G
ClientSampleId :
PB170528BS



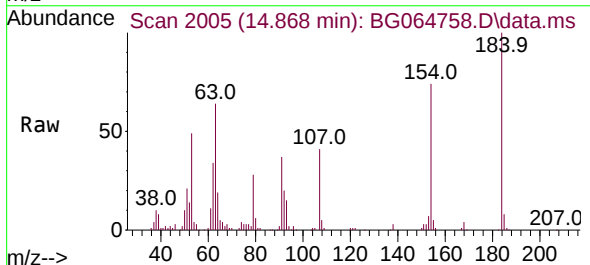
Tgt Ion:138 Resp: 56120
Ion Ratio Lower Upper
138 100
108 10.0 9.5 14.3
92 110.2 99.0 148.4

Manual Integrations
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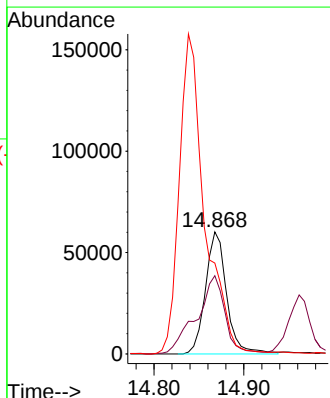
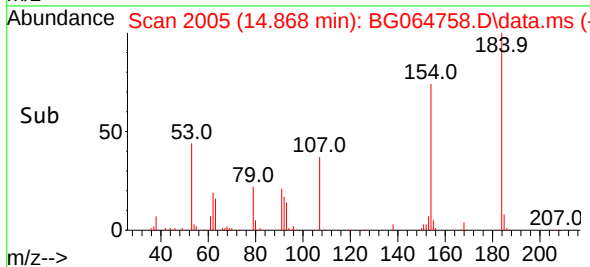
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

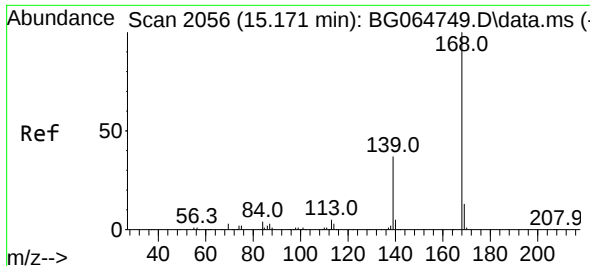


#54
2,4-Dinitrophenol
Concen: 85.814 ng
RT: 14.868 min Scan# 2005
Delta R.T. -0.003 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57



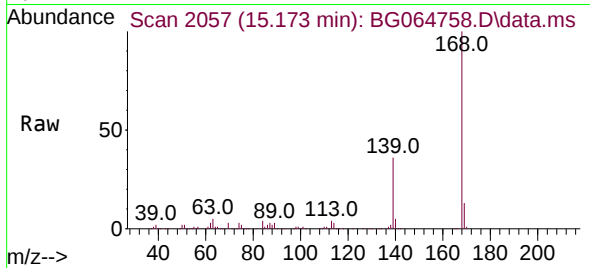
Tgt Ion:184 Resp: 98270
Ion Ratio Lower Upper
184 100
63 64.0 45.8 68.6
154 74.3 52.6 78.8





#55
Dibenzofuran
Concen: 42.778 ng
RT: 15.173 min Scan# 2056
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

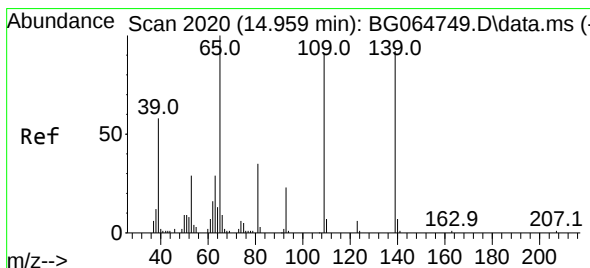
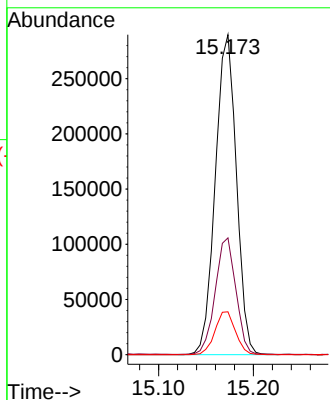
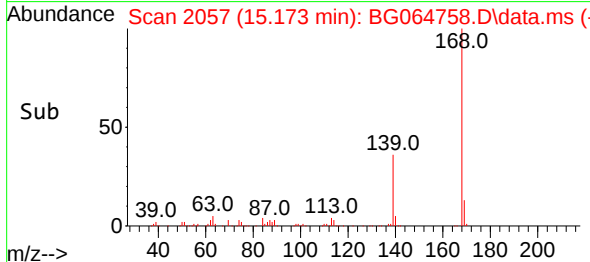
Instrument :
BNA_G
ClientSampleId :
PB170528BS



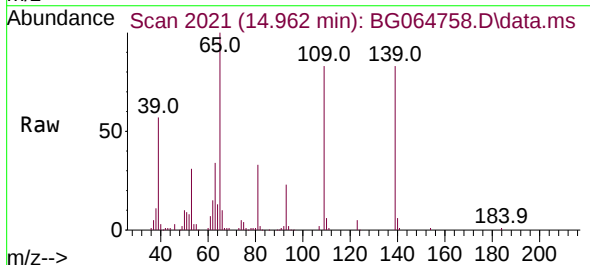
Tgt Ion:168 Resp: 447187
Ion Ratio Lower Upper
168 100
139 36.5 29.5 44.3
169 13.4 10.4 15.6

Manual Integrations
APPROVED

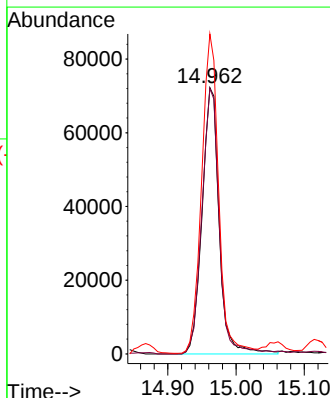
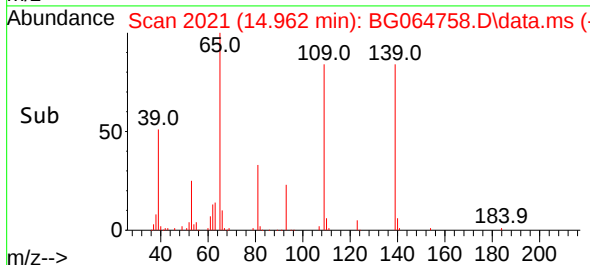
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

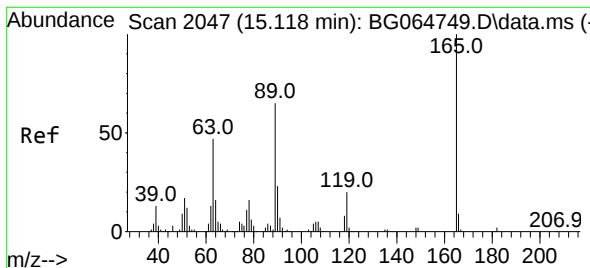


#56
4-Nitrophenol
Concen: 96.715 ng
RT: 14.962 min Scan# 2021
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57



Tgt Ion:139 Resp: 125587
Ion Ratio Lower Upper
139 100
109 99.8 79.7 119.7
65 120.2 89.9 129.9





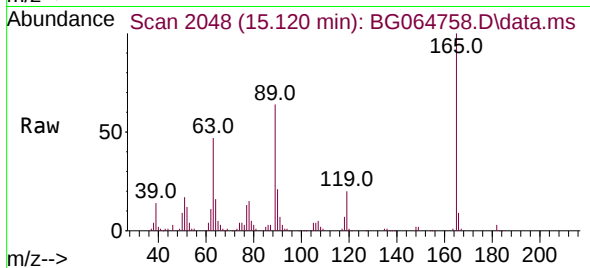
#57
2,4-Dinitrotoluene
Concen: 46.384 ng
RT: 15.120 min Scan# 2048
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

PB170528BS

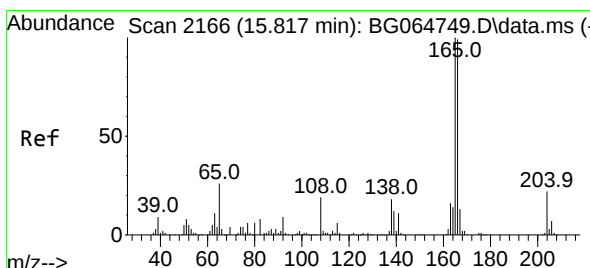
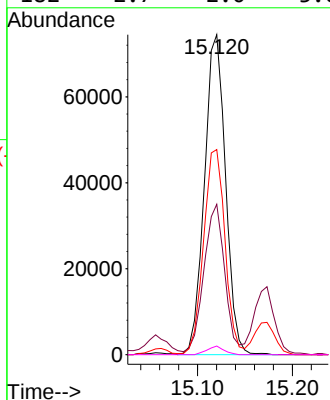
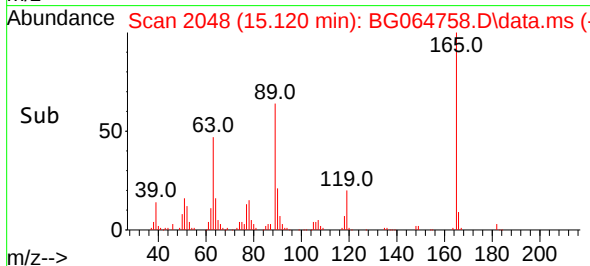


Tgt Ion:165 Resp: 115312
Ion Ratio Lower Upper
165 100
63 47.0 37.8 56.6
89 64.1 51.6 77.4
182 2.7 2.0 3.0

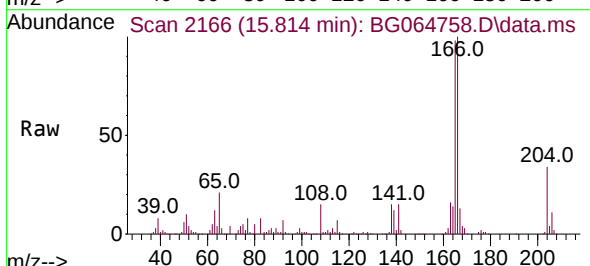
Manual Integrations

APPROVED

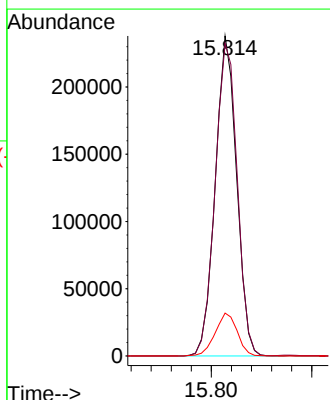
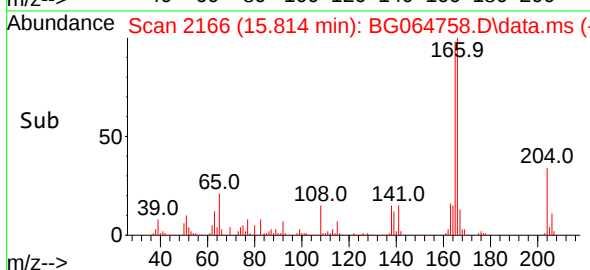
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

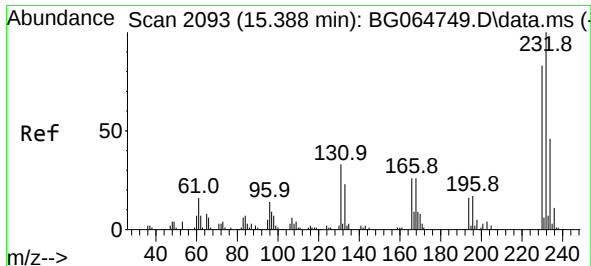


#58
Fluorene
Concen: 42.951 ng
RT: 15.814 min Scan# 2166
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57



Tgt Ion:166 Resp: 352150
Ion Ratio Lower Upper
166 100
165 97.6 80.5 120.7
167 13.4 10.3 15.5





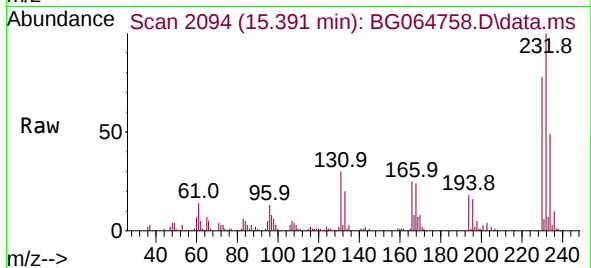
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.160 ng
RT: 15.391 min Scan# 2094
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

PB170528BS

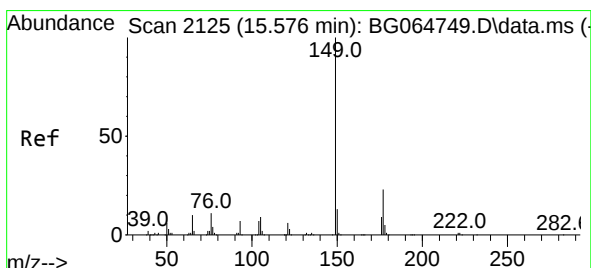
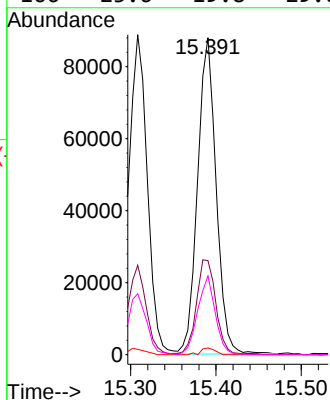
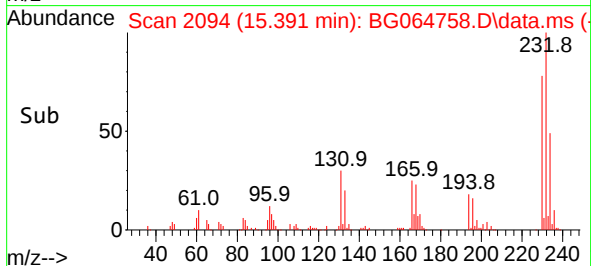


Tgt Ion:232 Resp: 132798
Ion Ratio Lower Upper
232 100
131 31.6 26.0 39.0
130 1.6 1.6 2.4
166 23.6 19.8 29.6

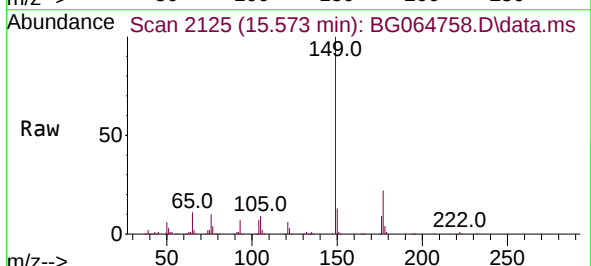
Manual Integrations

APPROVED

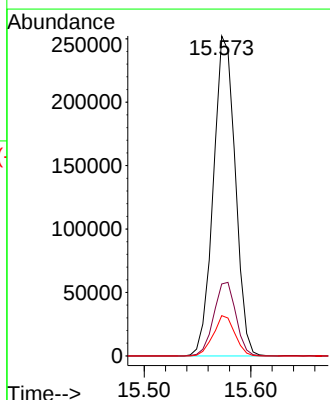
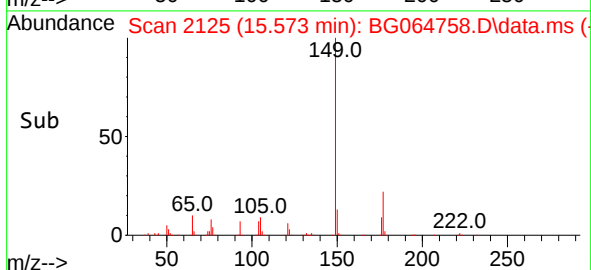
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

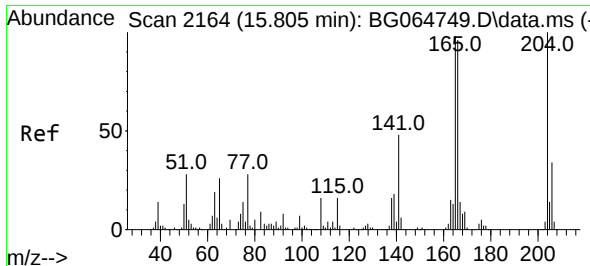


#60
Diethylphthalate
Concen: 43.666 ng
RT: 15.573 min Scan# 2125
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57



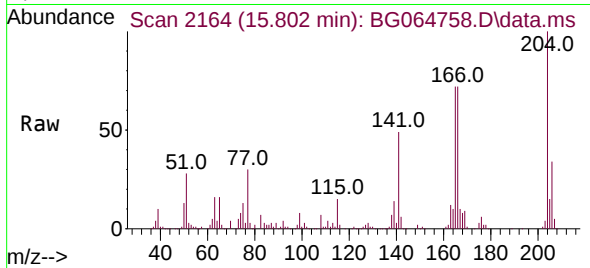
Tgt Ion:149 Resp: 360477
Ion Ratio Lower Upper
149 100
177 22.5 18.4 27.6
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 42.559 ng
RT: 15.802 min Scan# 2164
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

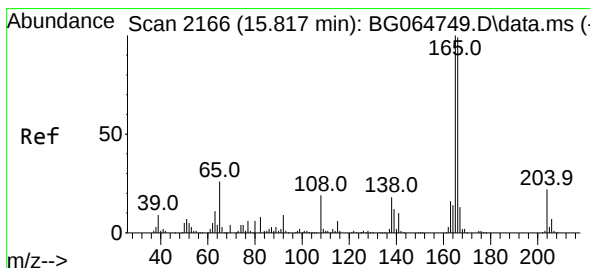
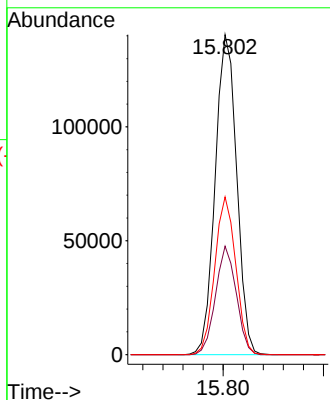
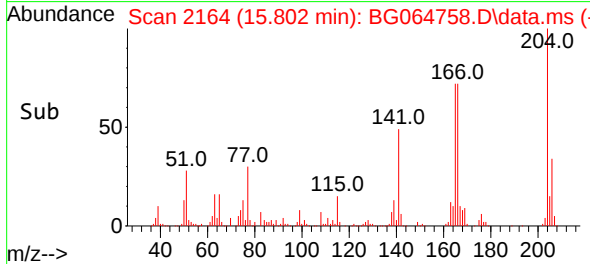
Instrument :
BNA_G
ClientSampleId :
PB170528BS



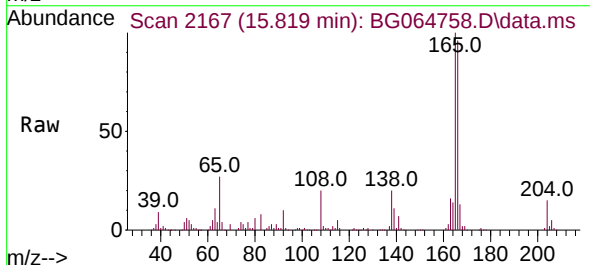
Tgt Ion:204 Resp: 209410
Ion Ratio Lower Upper
204 100
206 33.9 26.9 40.3
141 49.3 38.1 57.1

Manual Integrations
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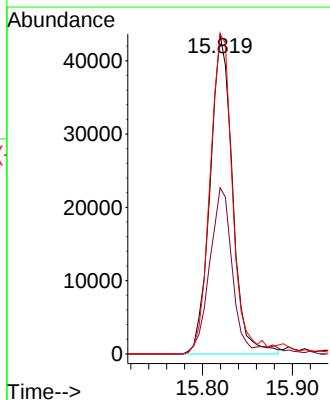
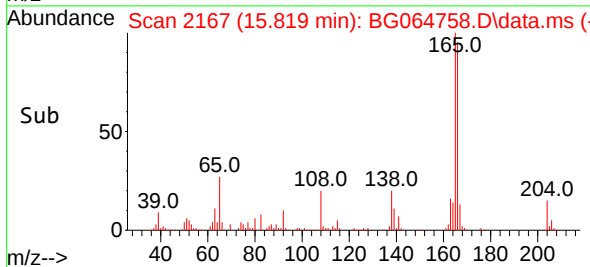
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

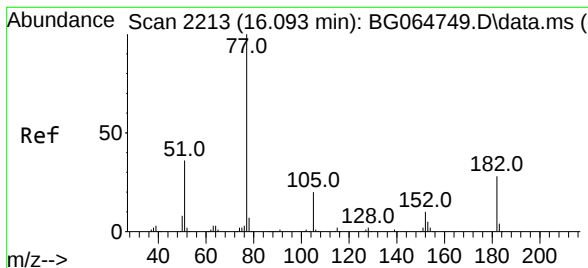


#62
4-Nitroaniline
Concen: 44.349 ng
RT: 15.819 min Scan# 2167
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57



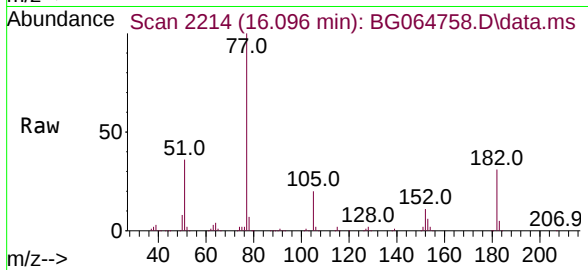
Tgt Ion:138 Resp: 75195
Ion Ratio Lower Upper
138 100
92 52.0 30.7 70.7
108 100.2 85.7 125.7





#63
Azobenzene
Concen: 43.825 ng
RT: 16.096 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

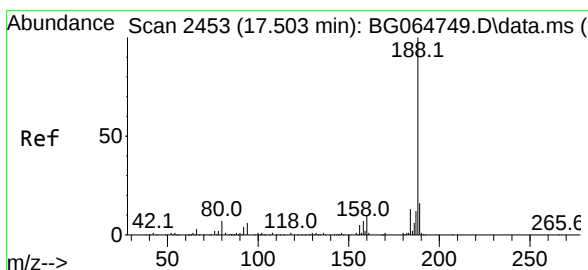
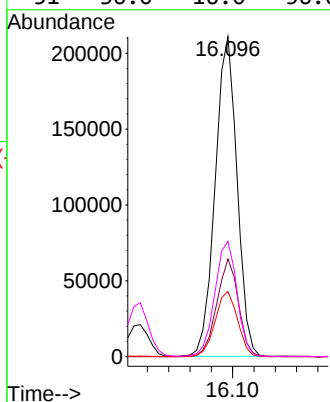
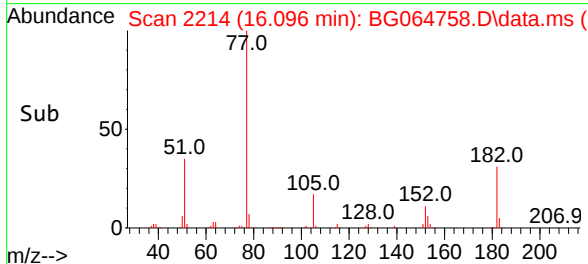
Instrument :
BNA_G
ClientSampleId :
PB170528BS



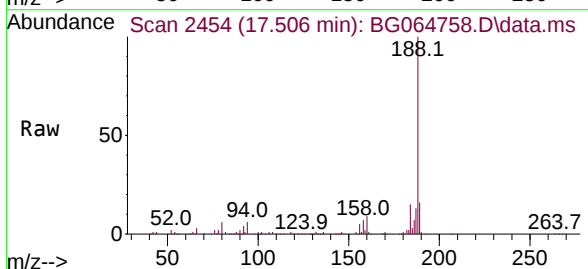
Tgt Ion: 77 Resp: 300925
Ion Ratio Lower Upper
77 100
182 30.5 8.1 48.1
105 20.3 0.1 40.1
51 36.0 16.0 56.0

Manual Integrations
APPROVED

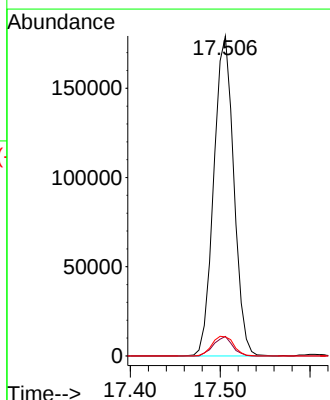
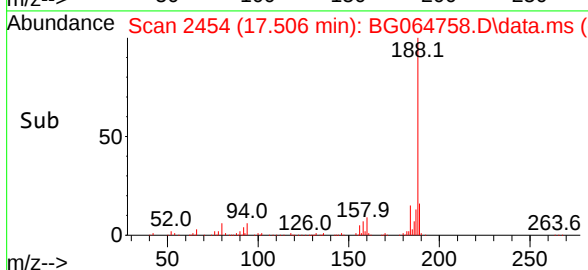
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

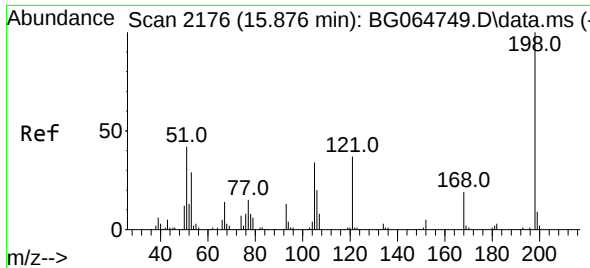


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.506 min Scan# 2454
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57



Tgt Ion:188 Resp: 277518
Ion Ratio Lower Upper
188 100
94 6.1 4.7 7.1
80 6.0 5.4 8.2





#65
4,6-Dinitro-2-methylphenol
Concen: 49.145 ng
RT: 15.878 min Scan# 2176
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

Instrument :

BNA_G

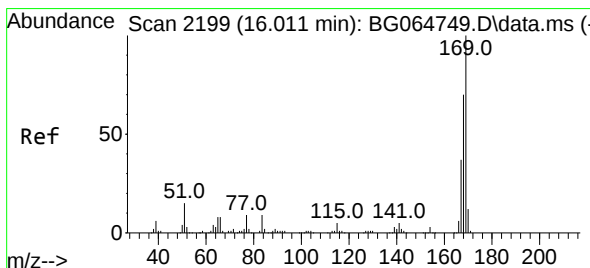
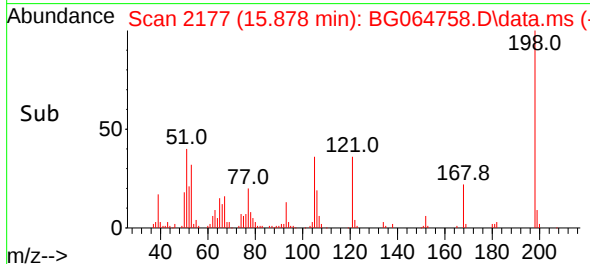
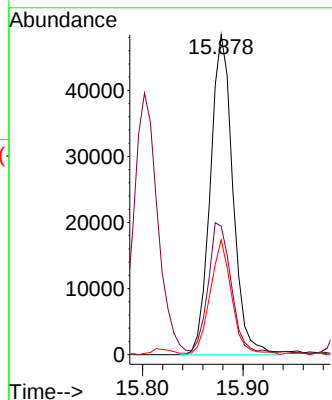
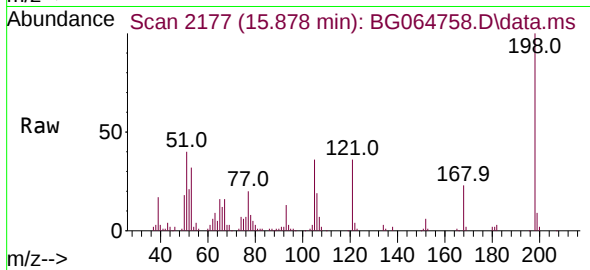
ClientSampleId :

PB170528BS

Tgt Ion:198 Resp: 75724
Ion Ratio Lower Upper
198 100
51 40.1 25.2 65.2
105 35.8 14.2 54.2

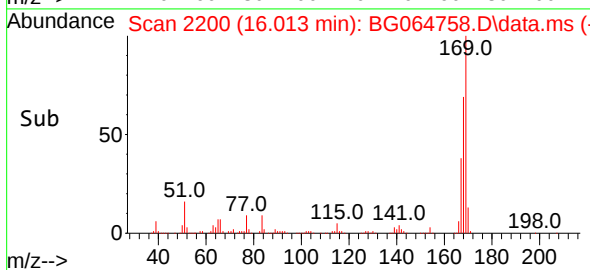
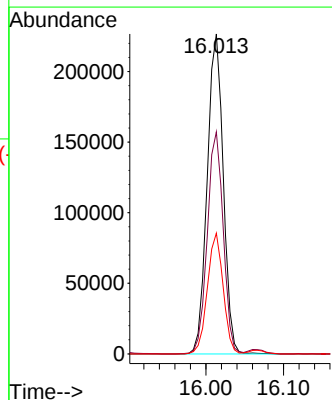
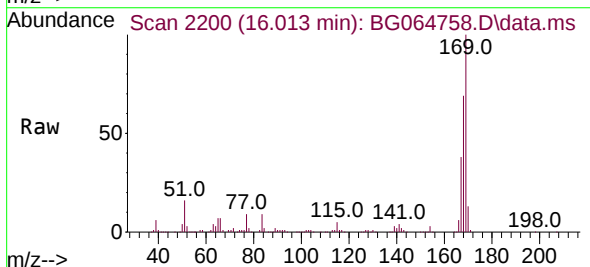
Manual Integrations
APPROVED

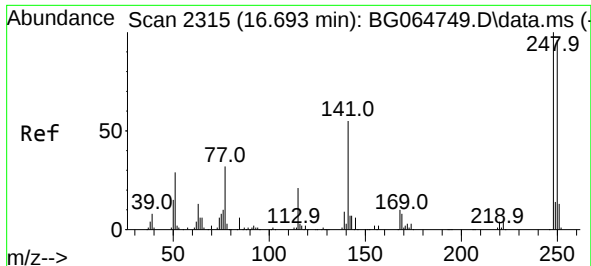
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#66
n-Nitrosodiphenylamine
Concen: 44.769 ng
RT: 16.013 min Scan# 2200
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

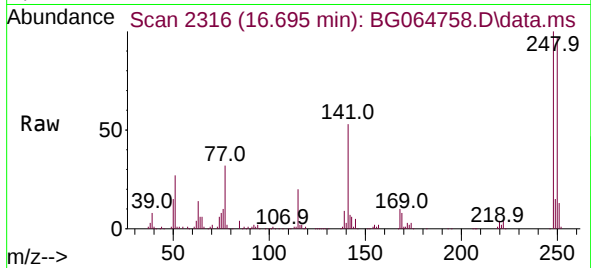
Tgt Ion:169 Resp: 325431
Ion Ratio Lower Upper
169 100
168 69.4 55.9 83.9
167 37.7 29.8 44.6





#67
4-Bromophenyl-phenylether
Concen: 42.955 ng
RT: 16.695 min Scan# 2315
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

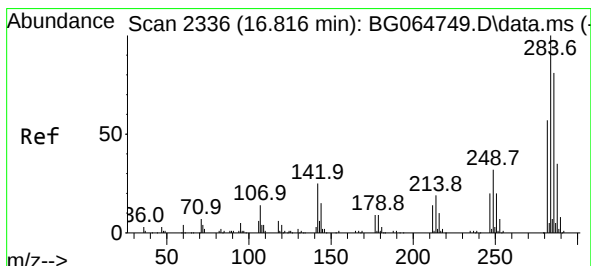
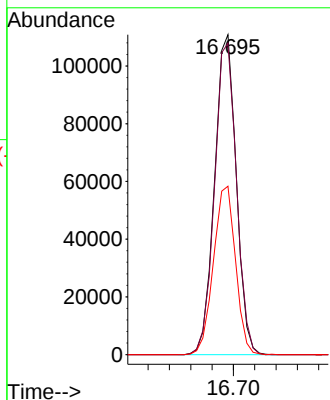
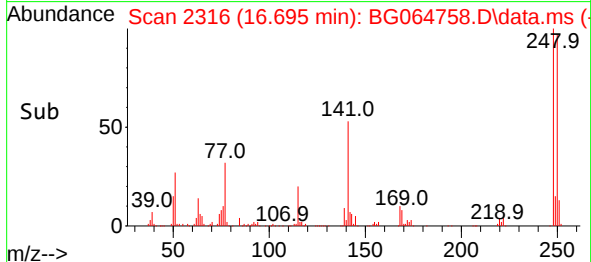
Instrument :
BNA_G
ClientSampleId :
PB170528BS



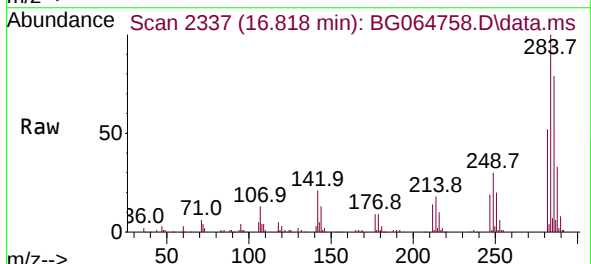
Tgt Ion:248 Resp: 156547
Ion Ratio Lower Upper
248 100
250 97.3 77.0 115.6
141 52.6 43.7 65.5

Manual Integrations
APPROVED

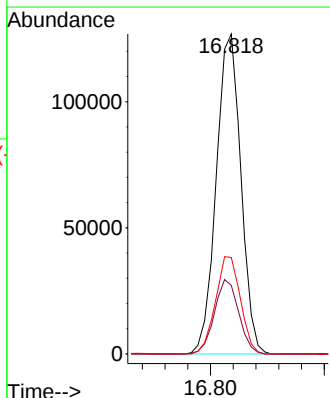
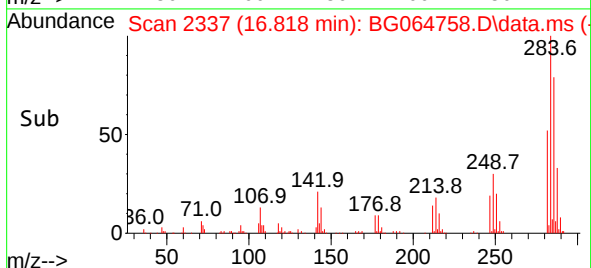
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

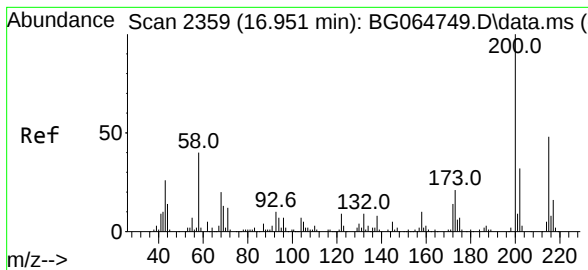


#68
Hexachlorobenzene
Concen: 43.195 ng
RT: 16.818 min Scan# 2337
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57



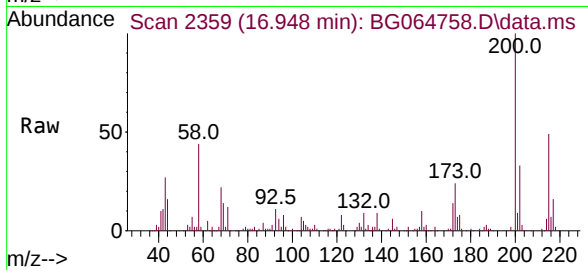
Tgt Ion:284 Resp: 190725
Ion Ratio Lower Upper
284 100
142 21.4 19.7 29.5
249 32.7 28.1 42.1





#69
 Atrazine
 Concen: 43.941 ng
 RT: 16.948 min Scan# 2359
 Delta R.T. -0.004 min
 Lab File: BG064758.D
 Acq: 13 Nov 2025 15:57

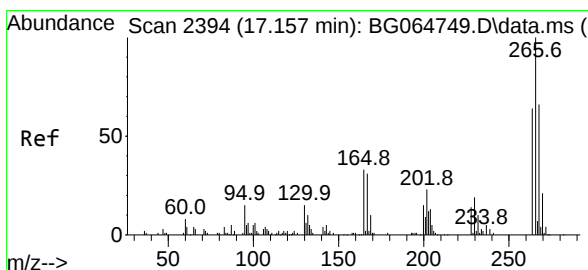
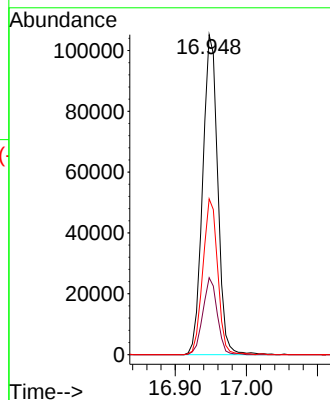
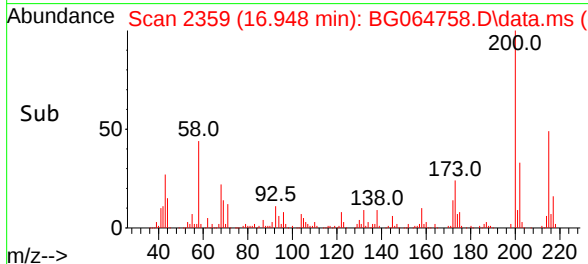
Instrument :
 BNA_G
 ClientSampleId :
 PB170528BS



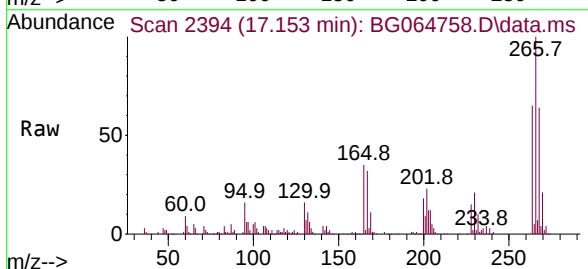
Tgt Ion:200 Resp: 153998
 Ion Ratio Lower Upper
 200 100
 173 24.0 0.9 40.9
 215 48.7 27.5 67.5

Manual Integrations
 APPROVED

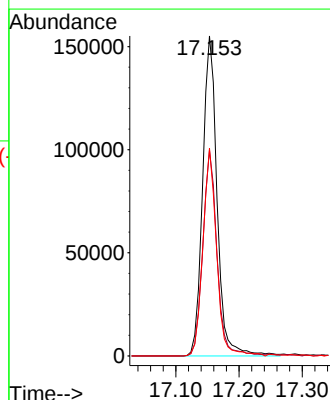
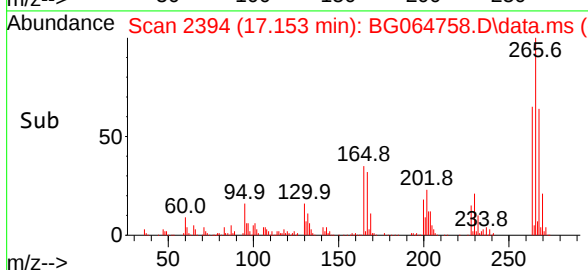
Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025

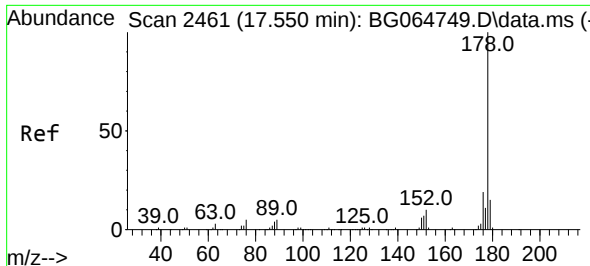


#70
 Pentachlorophenol
 Concen: 93.303 ng
 RT: 17.153 min Scan# 2394
 Delta R.T. -0.004 min
 Lab File: BG064758.D
 Acq: 13 Nov 2025 15:57



Tgt Ion:266 Resp: 246683
 Ion Ratio Lower Upper
 266 100
 268 68.7 56.1 84.1
 264 64.9 51.2 76.8





#71
Phenanthrene
Concen: 43.504 ng
RT: 17.547 min Scan# 2461
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

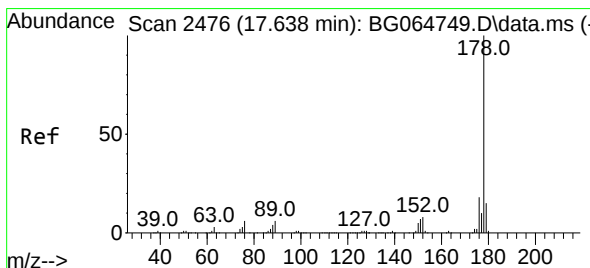
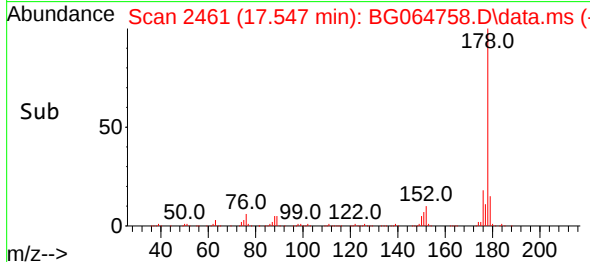
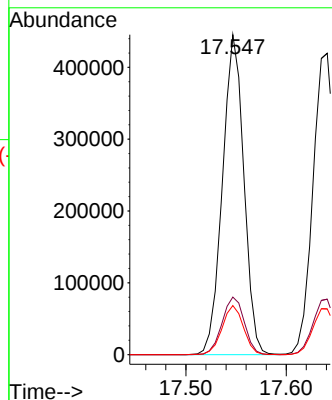
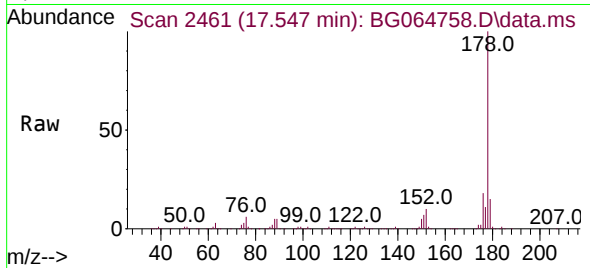
PB170528BS

Tgt Ion:178 Resp: 660565
Ion Ratio Lower Upper
178 100
176 18.0 14.8 22.2
179 15.3 12.2 18.4

Manual Integrations

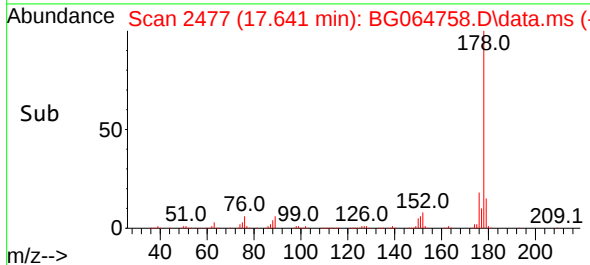
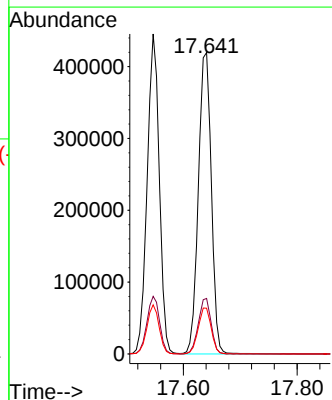
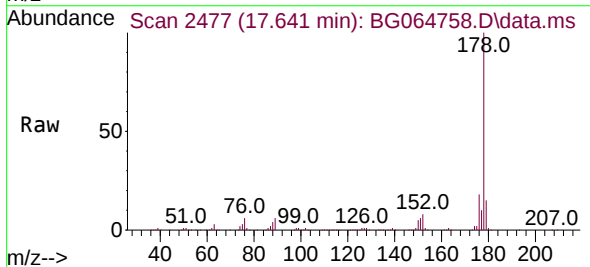
APPROVED

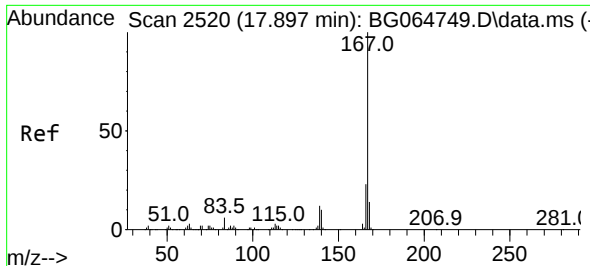
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#72
Anthracene
Concen: 42.722 ng
RT: 17.641 min Scan# 2477
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

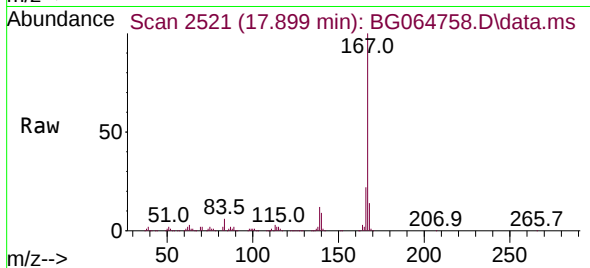
Tgt Ion:178 Resp: 661448
Ion Ratio Lower Upper
178 100
176 18.4 14.5 21.7
179 15.2 12.2 18.4





#73
Carbazole
Concen: 44.136 ng
RT: 17.899 min Scan# 2520
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

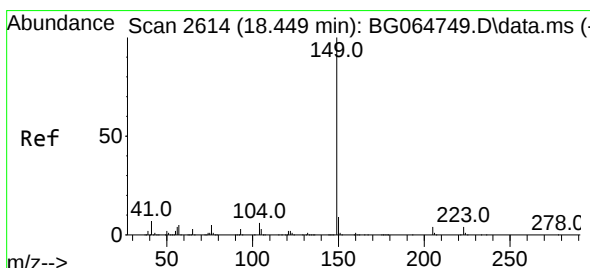
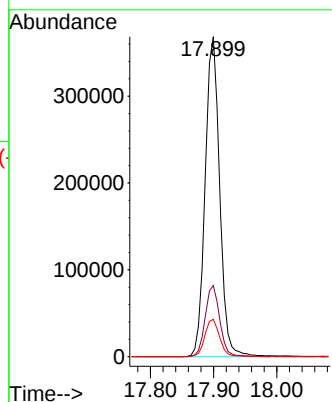
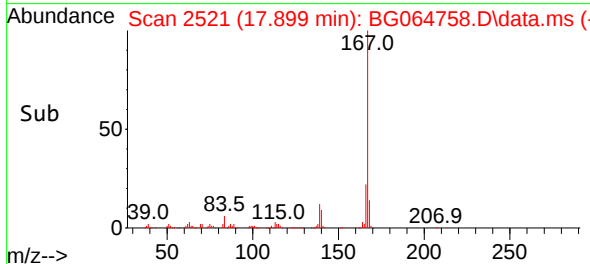
Instrument :
BNA_G
ClientSampleId :
PB170528BS



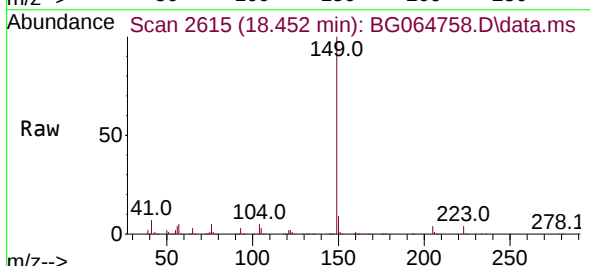
Tgt Ion:167 Resp: 587443
Ion Ratio Lower Upper
167 100
166 22.2 18.0 27.0
139 11.6 9.7 14.5

Manual Integrations
APPROVED

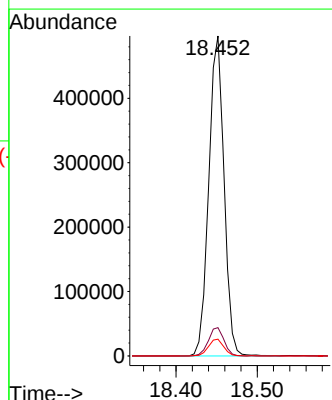
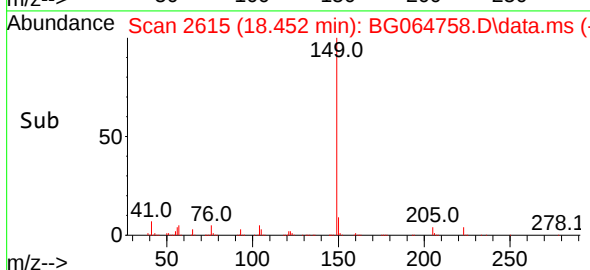
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

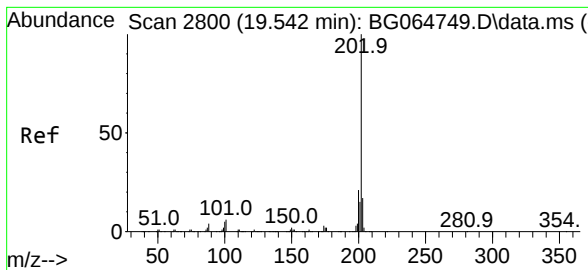


#74
Di-n-butylphthalate
Concen: 43.771 ng
RT: 18.452 min Scan# 2615
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57



Tgt Ion:149 Resp: 649966
Ion Ratio Lower Upper
149 100
150 8.8 7.5 11.3
104 5.2 4.4 6.6





#75
Fluoranthene
Concen: 43.251 ng
RT: 19.539 min Scan# 2800
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

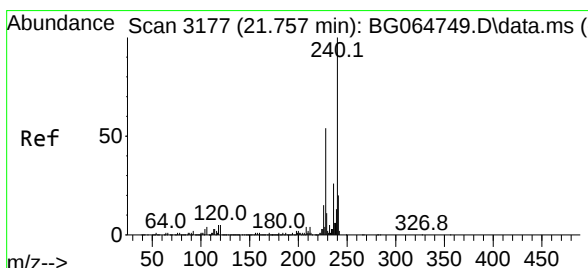
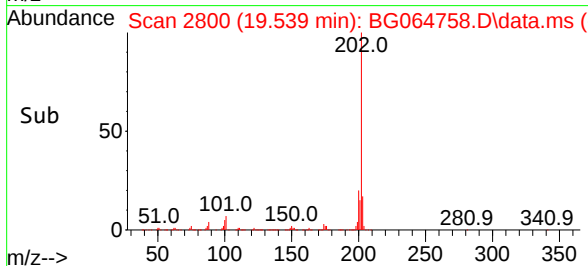
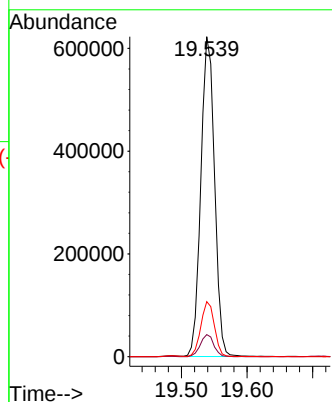
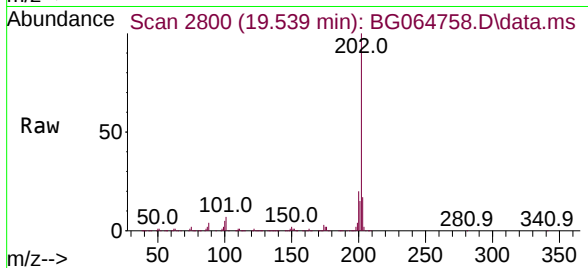
PB170528BS

Tgt Ion:202 Resp: 898032
Ion Ratio Lower Upper
202 100
101 6.9 0.0 26.4
203 17.2 0.0 37.5

Manual Integrations

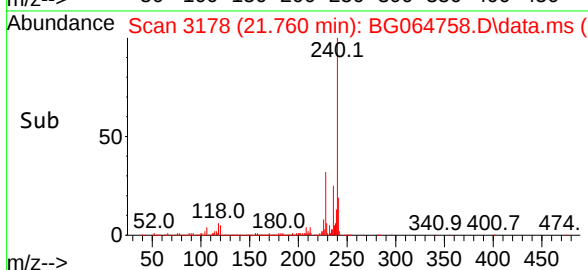
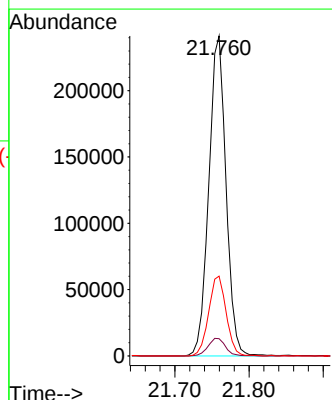
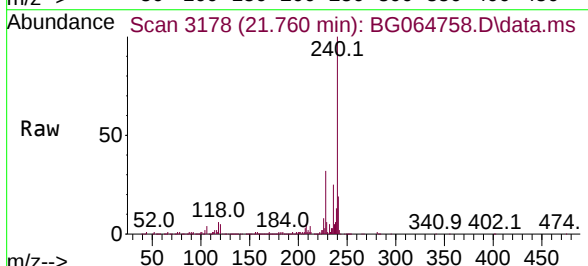
APPROVED

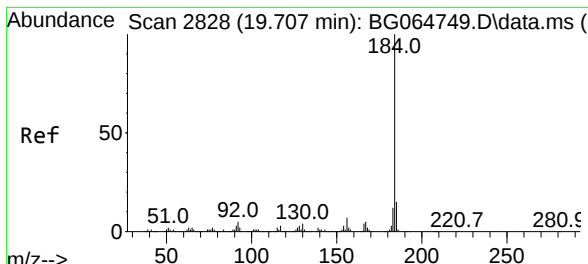
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.760 min Scan# 3178
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

Tgt Ion:240 Resp: 388627
Ion Ratio Lower Upper
240 100
120 5.4 4.2 6.4
236 24.9 20.8 31.2





#77
Benzidine
Concen: 21.017 ng
RT: 19.709 min Scan# 2828
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

Instrument :

BNA_G

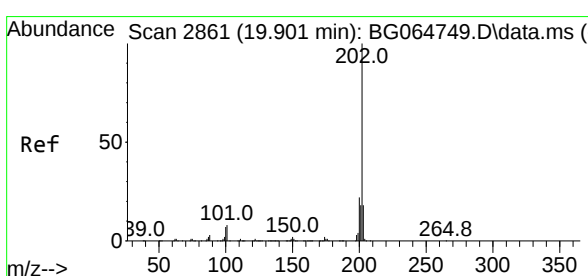
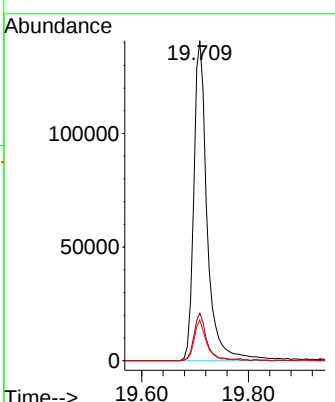
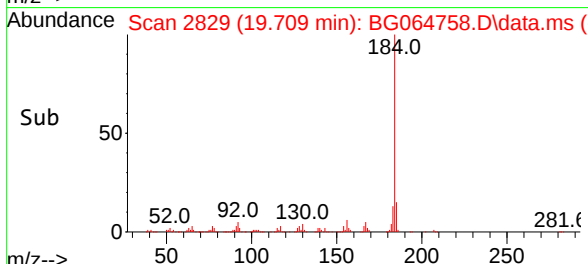
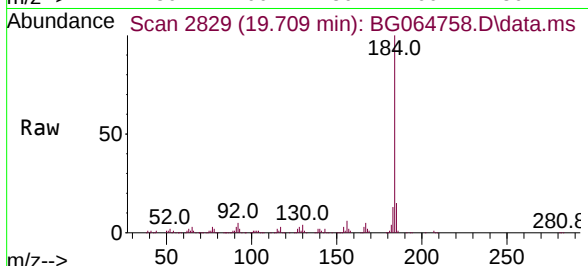
ClientSampleId :

PB170528BS

Tgt Ion:	184	Resp:	244616
Ion Ratio	Lower	Upper	
184	100		
185	14.8	11.8	17.6
183	12.7	9.8	14.6

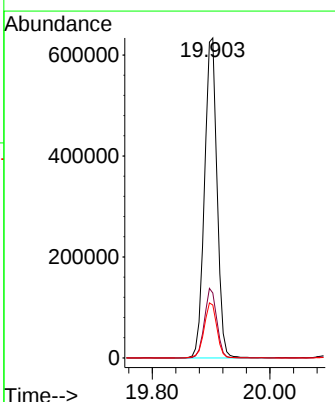
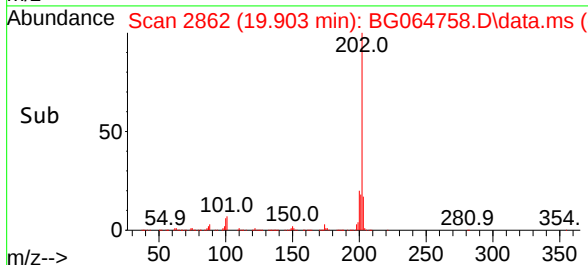
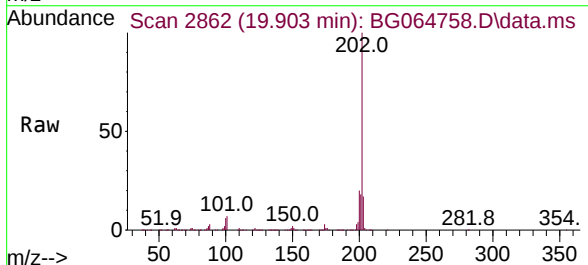
Manual Integrations
APPROVED

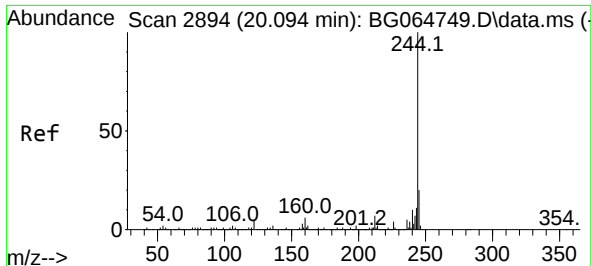
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#78
Pyrene
Concen: 42.896 ng
RT: 19.903 min Scan# 2862
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

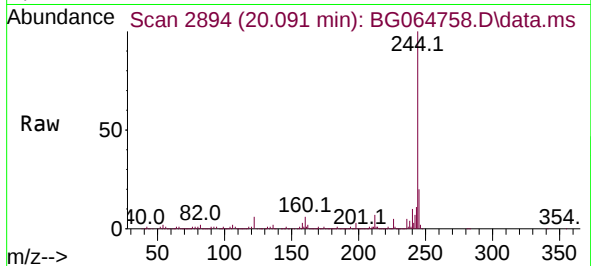
Tgt Ion:	202	Resp:	934321
Ion Ratio	Lower	Upper	
202	100		
200	20.3	17.9	26.9
203	16.5	14.0	21.0





#79
 Terphenyl-d14
 Concen: 77.867 ng
 RT: 20.091 min Scan# 2894
 Delta R.T. -0.004 min
 Lab File: BG064758.D
 Acq: 13 Nov 2025 15:57

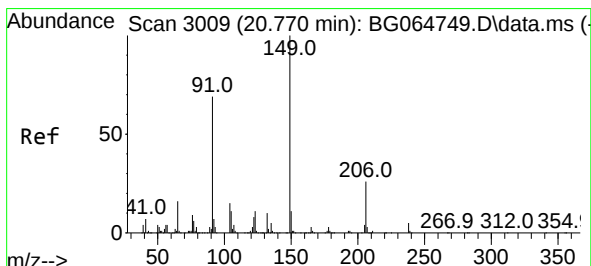
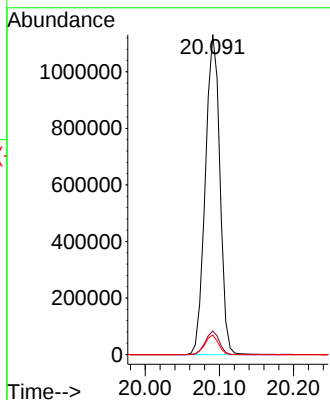
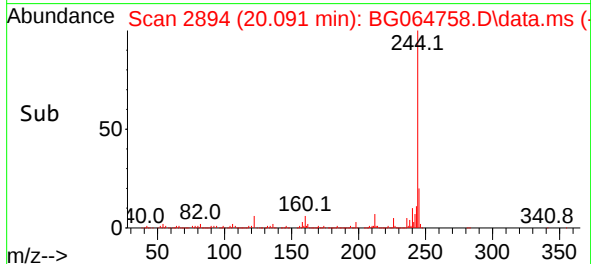
Instrument :
 BNA_G
 ClientSampleId :
 PB170528BS



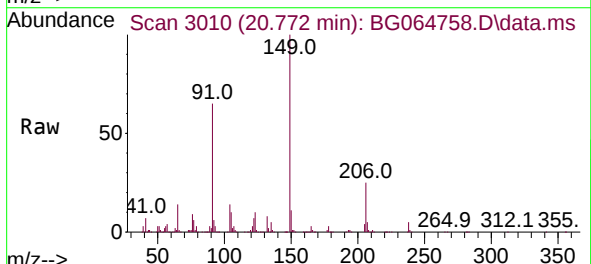
Tgt Ion:244 Resp: 153838
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 6.1 4.3 6.5

Manual Integrations
 APPROVED

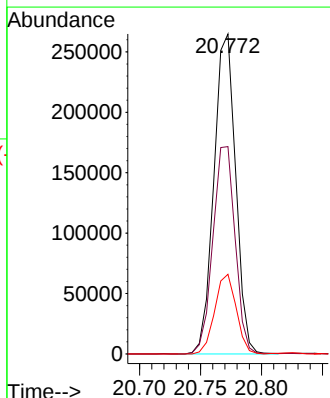
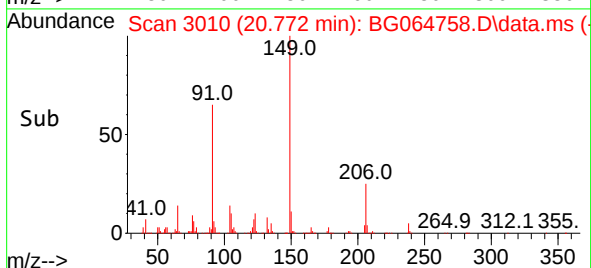
Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025

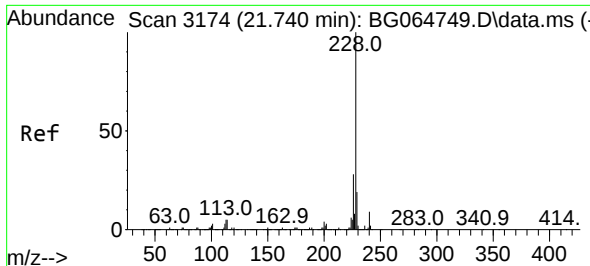


#80
 Butylbenzylphthalate
 Concen: 42.873 ng
 RT: 20.772 min Scan# 3010
 Delta R.T. 0.002 min
 Lab File: BG064758.D
 Acq: 13 Nov 2025 15:57



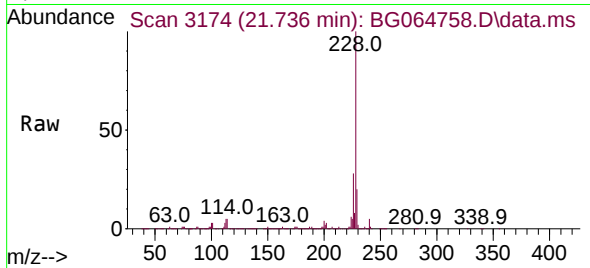
Tgt Ion:149 Resp: 328457
 Ion Ratio Lower Upper
 149 100
 91 64.8 54.9 82.3
 206 24.9 21.2 31.8





#81
Benzo(a)anthracene
Concen: 42.658 ng
RT: 21.736 min Scan# 3174
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

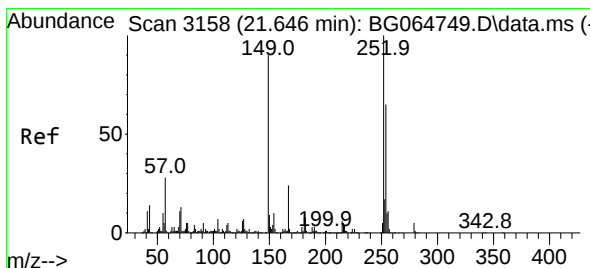
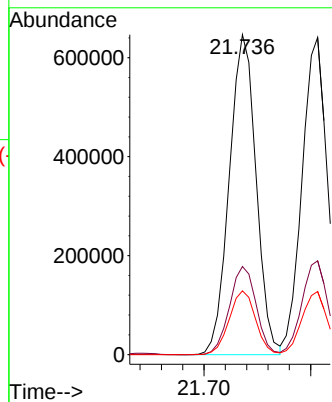
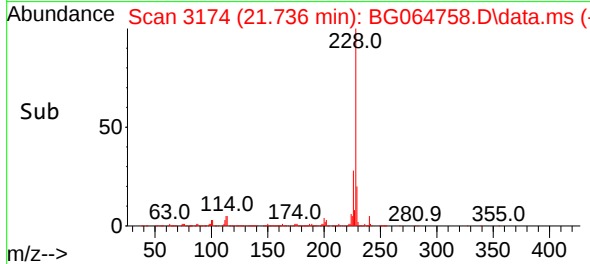
Instrument :
BNA_G
ClientSampleId :
PB170528BS



Tgt Ion:228 Resp: 1127249
Ion Ratio Lower Upper
228 100
226 27.5 22.1 33.1
229 19.9 15.5 23.3

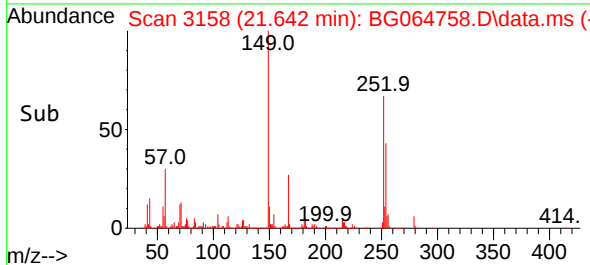
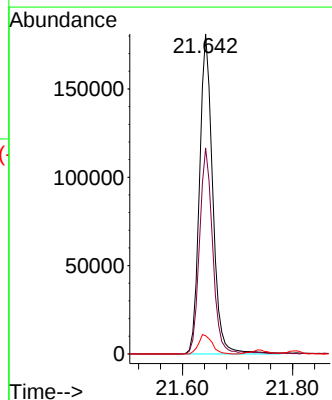
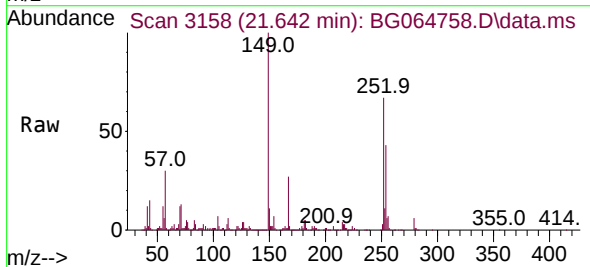
Manual Integrations
APPROVED

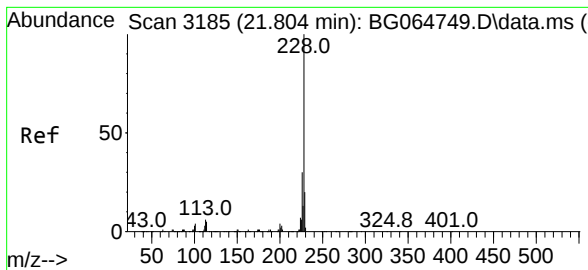
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#82
3,3'-Dichlorobenzidine
Concen: 30.893 ng
RT: 21.642 min Scan# 3158
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

Tgt Ion:252 Resp: 300479
Ion Ratio Lower Upper
252 100
254 64.4 51.8 77.8
126 5.7 4.7 7.1





#83

Chrysene

Concen: 42.644 ng

RT: 21.807 min Scan# 3185

Delta R.T. 0.002 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

PB170528BS

Tgt Ion:228 Resp: 106238

Ion Ratio Lower Upper

228 100

226 29.6 24.2 36.2

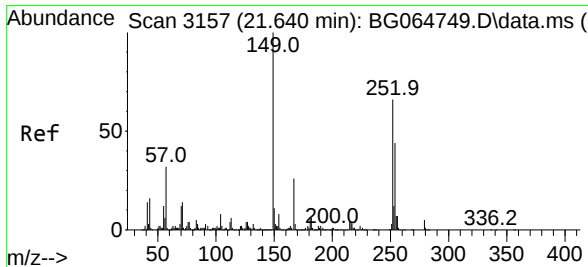
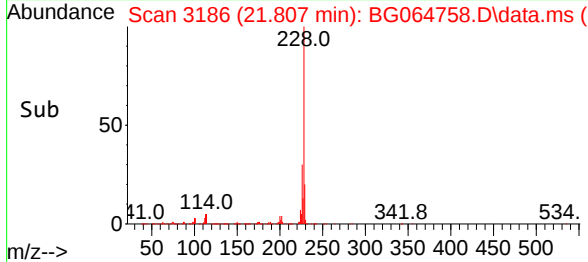
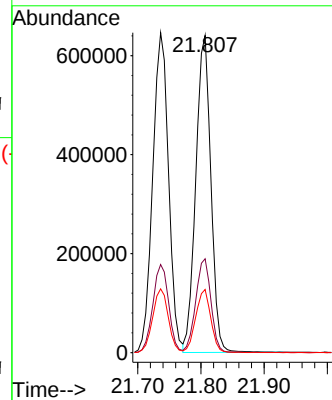
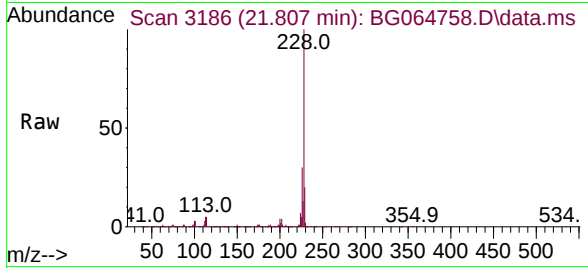
229 19.9 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.723 ng

RT: 21.636 min Scan# 3157

Delta R.T. -0.004 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

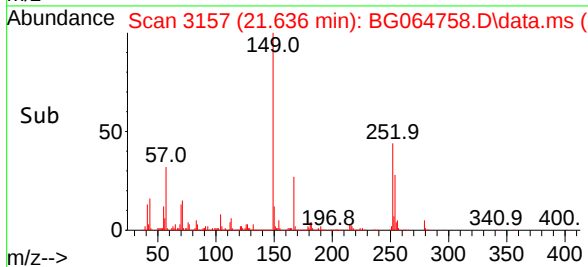
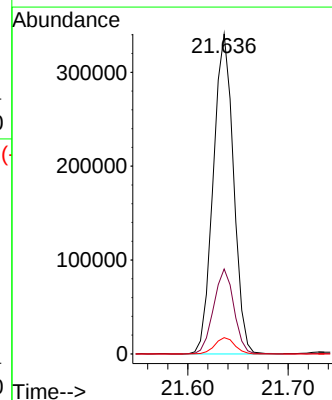
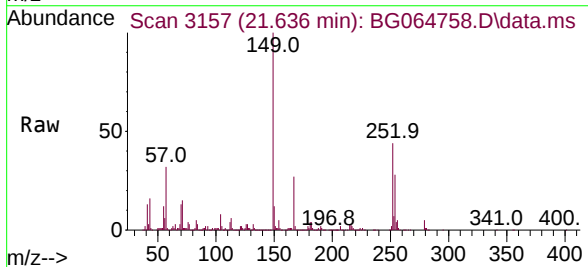
Tgt Ion:149 Resp: 478286

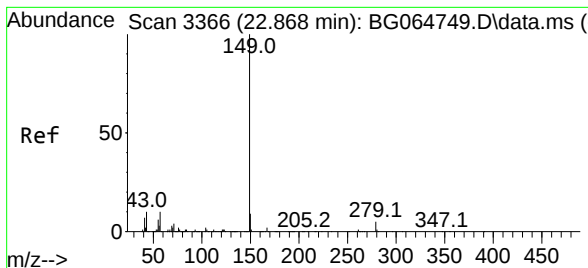
Ion Ratio Lower Upper

149 100

167 26.5 21.0 31.4

279 5.1 4.1 6.1





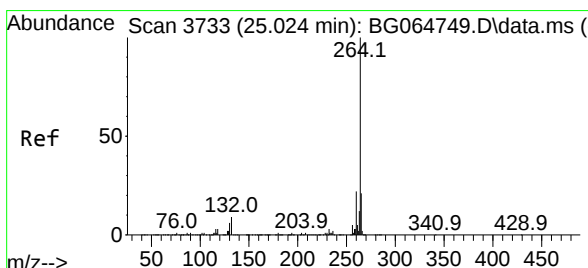
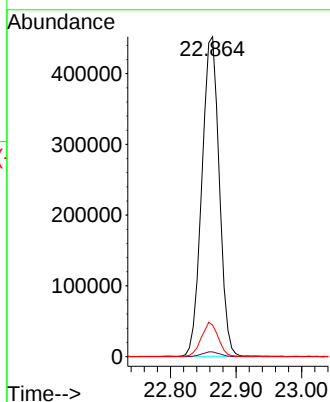
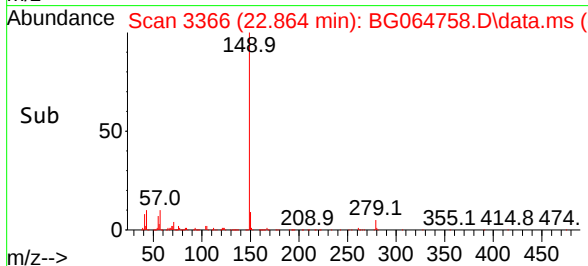
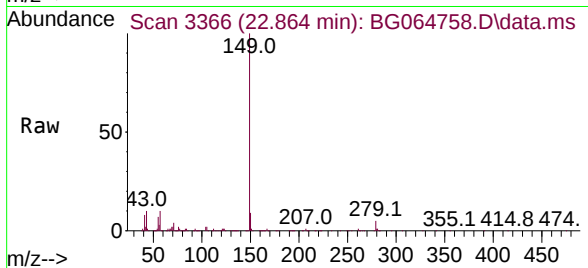
#85
Di-n-octyl phthalate
Concen: 42.874 ng
RT: 22.864 min Scan# 3366
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170528BS

Tgt Ion:149 Resp: 829659
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.3 8.3 12.5

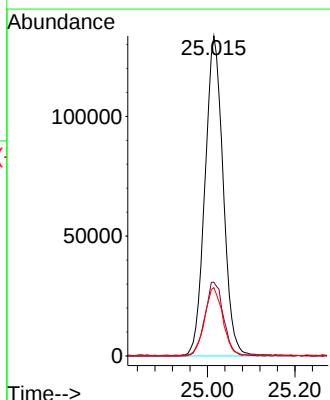
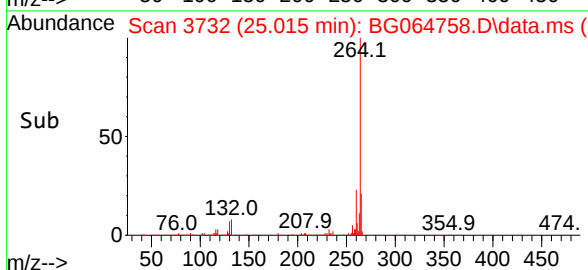
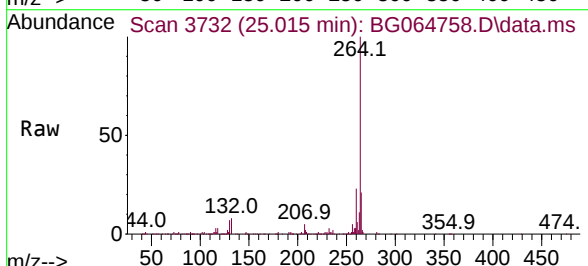
Manual Integrations
APPROVED

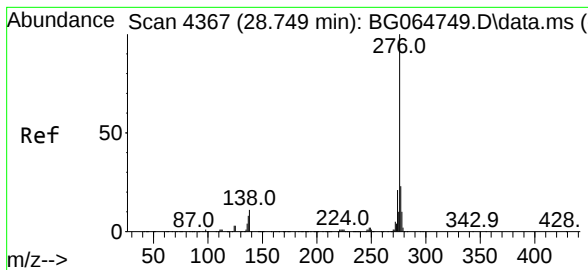
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.015 min Scan# 3732
Delta R.T. -0.009 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

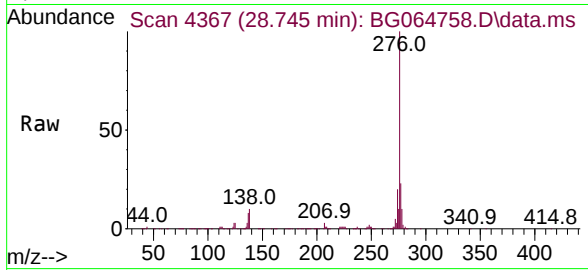
Tgt Ion:264 Resp: 384250
Ion Ratio Lower Upper
264 100
260 23.0 17.2 25.8
265 21.3 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.734 ng
RT: 28.745 min Scan# 4367
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

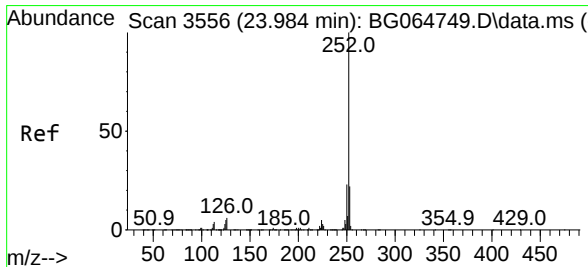
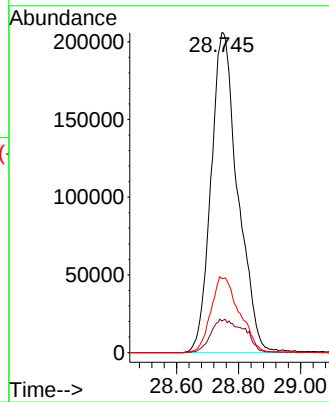
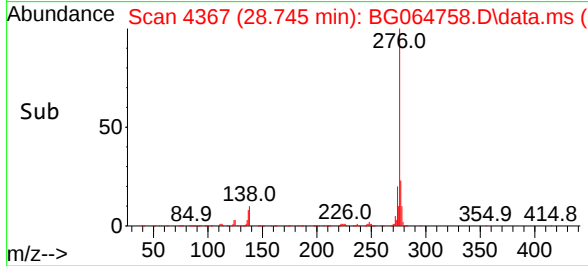
Instrument :
BNA_G
ClientSampleId :
PB170528BS



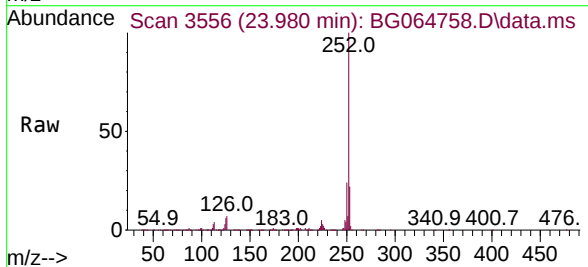
Tgt Ion:276 Resp: 123375
Ion Ratio Lower Upper
276 100
138 13.0 4.5 6.7
277 25.2 20.0 30.0

Manual Integrations
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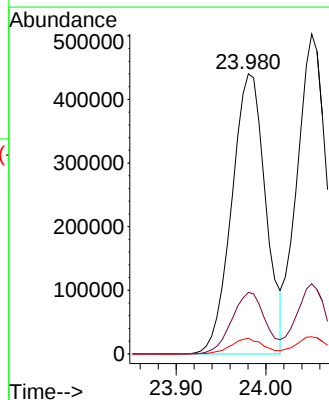
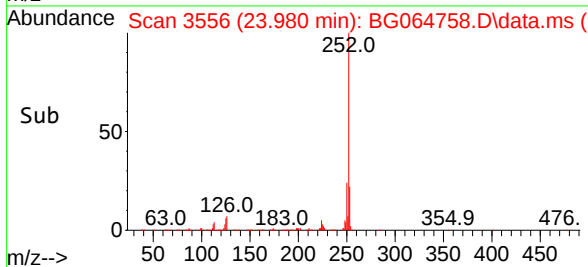
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

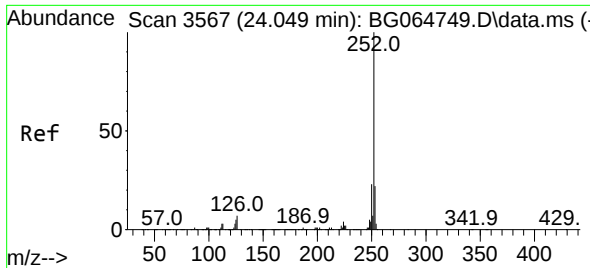


#88
Benzo(b)fluoranthene
Concen: 47.216 ng
RT: 23.980 min Scan# 3556
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57



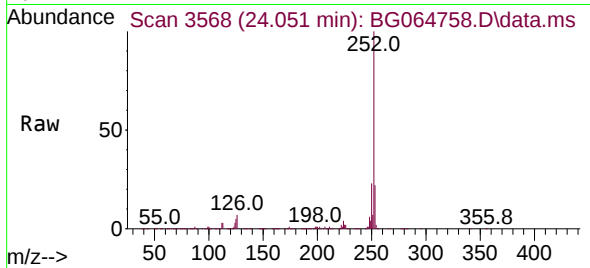
Tgt Ion:252 Resp: 1154586
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 5.6 4.2 6.2





#89
Benzo(k)fluoranthene
Concen: 46.925 ng
RT: 24.051 min Scan# 31
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

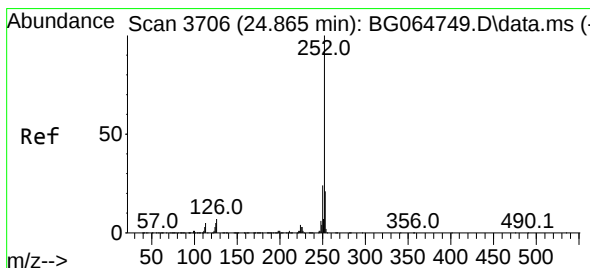
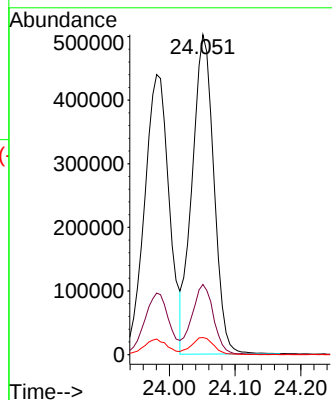
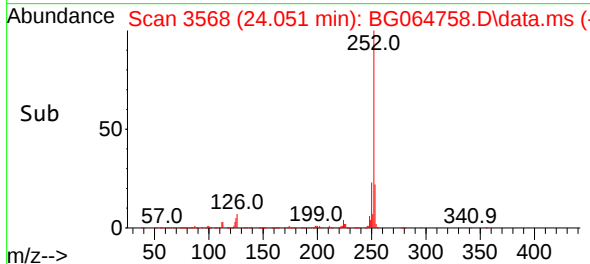
Instrument :
BNA_G
ClientSampleId :
PB170528BS



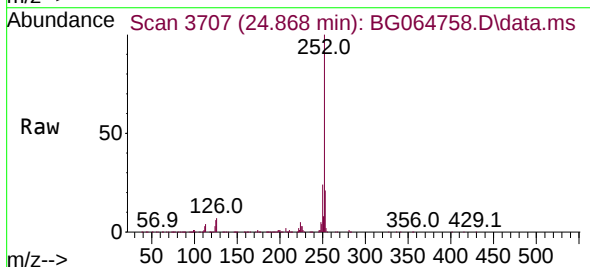
Tgt Ion:252 Resp: 115280
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 5.3 4.1 6.1

Manual Integrations
APPROVED

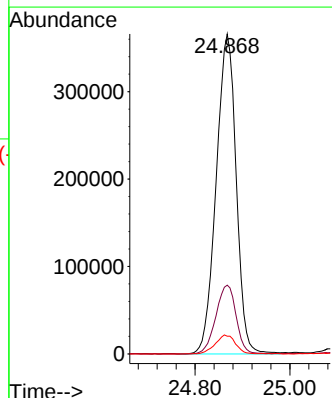
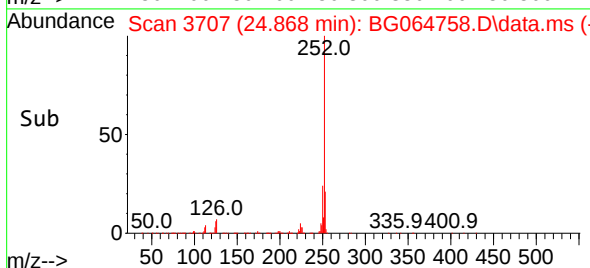
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

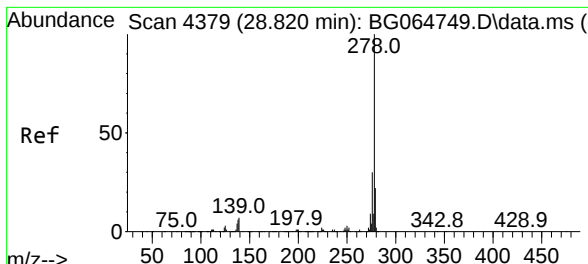


#90
Benzo(a)pyrene
Concen: 47.206 ng
RT: 24.868 min Scan# 3707
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57



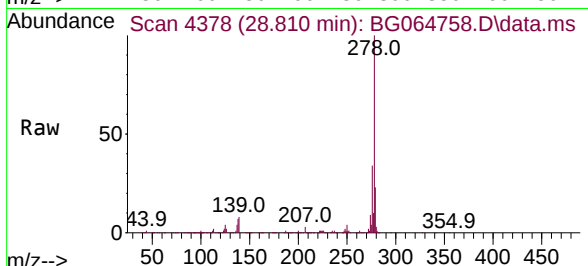
Tgt Ion:252 Resp: 1070783
Ion Ratio Lower Upper
252 100
253 21.5 16.9 25.3
125 5.5 4.2 6.4





#91
 Dibenzo(a,h)anthracene
 Concen: 47.609 ng
 RT: 28.810 min Scan# 4379
 Delta R.T. -0.009 min
 Lab File: BG064758.D
 Acq: 13 Nov 2025 15:57

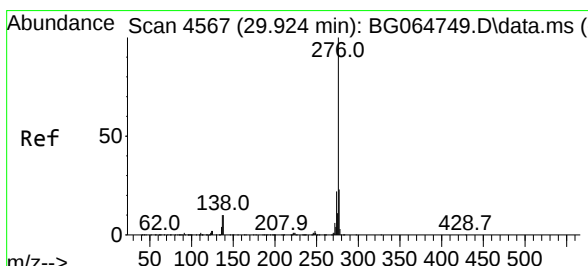
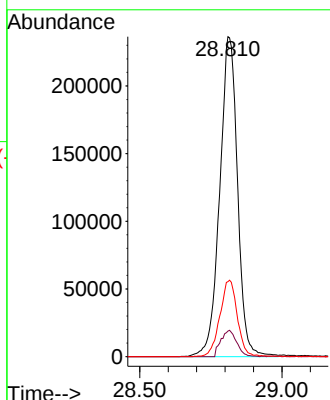
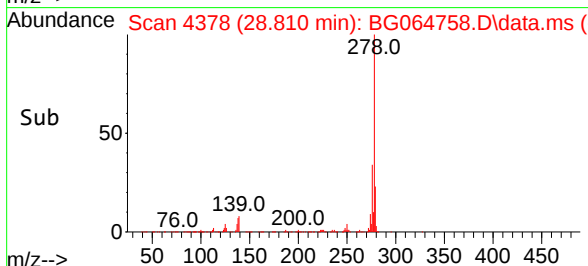
Instrument :
 BNA_G
 ClientSampleId :
 PB170528BS



Tgt Ion:278 Resp: 1029634
 Ion Ratio Lower Upper
 278 100
 139 8.0 5.8 8.8
 279 23.4 17.3 25.9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025



#92
 Benzo(g,h,i)perylene
 Concen: 46.879 ng
 RT: 29.921 min Scan# 4567
 Delta R.T. -0.004 min
 Lab File: BG064758.D
 Acq: 13 Nov 2025 15:57

Tgt Ion:276 Resp: 975725
 Ion Ratio Lower Upper
 276 100
 277 22.6 18.0 27.0
 138 10.2 8.2 12.2

