

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072623\
 Data File : BG058482.D
 Acq On : 26 Jul 2023 17:09
 Operator : MA/JU
 Sample : PB154055BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 27 02:16:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 26 17:43:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ng/ul	-7.82
20) Naphthalene-d8	10.754	136	112	20.000	ng/ul	# 0.13
38) Acenaphthene-d10	14.656	164	147	20.000	ng/ul	# 0.19
64) Phenanthrene-d10	17.306	188	682752	20.000	ng/ul	0.09
79) Chrysene-d12	21.454	240	2484	20.000	ng/ul	# 0.00
88) Perylene-d12	24.509	264	252	20.000	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	9657	0.000	ng/uL	0.00
4) Pyridine-d5	3.651	84	148658	0.000	ng/ul	0.00
7) Phenol-d5	6.988	99	215834	0.000	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.147	67	128357	0.000	ng/ul	0.00
11) 2-Chlorophenol-d4	7.353	132	151828	0.000	ng/ul	0.00
15) 4-Methylphenol-d8	8.533	113	163865	0.000	ng/ul	0.00
21) Nitrobenzene-d5	8.980	128	79757	95004.896	ng/ul	0.00
24) 2-Nitrophenol-d4	9.703	143	91620	99967.285	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.243	165	172168	97994.325	ng/ul	0.00
31) 4-Chloroaniline-d4	10.754	131	216797	85119.637	ng/ul	0.00
46) Dimethylphthalate-d6	13.874	166	389033	34319.692	ng/ul	0.00
49) Acenaphthylene-d8	0.000	160	0	0.000	ng/ul	
54) 4-Nitrophenol-d4	14.885	143	220	128.511	ng/ul	0.20
60) Fluorene-d10	15.543	176	384	40.917	ng/ul	0.09
65) 4,6-Dinitro-2-methylph...	15.584	200	73965	21.263	ng/ul	0.00
73) Anthracene-d10	17.306	188	682752	23.143	ng/ul	0.00
81) Pyrene-d10	19.597	212	722647	4925.565	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.309	264	747426	61365.337	ng/ul	0.00
Target Compounds						
					Qvalue	
22) Nitrobenzene	9.021	77	188505	84200.660	ng/ul	95
23) Isophorone	9.544	82	399657	79624.836	ng/ul	99
25) 2-Nitrophenol	9.732	139	87502	89382.961	ng/ul	97
26) 2,4-Dimethylphenol	9.797	107	173432	79453.292	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.026	93	225133	84692.825	ng/ul	98
29) 2,4-Dichlorophenol	10.267	162	153207	91876.321	ng/ul	95
30) Naphthalene	10.666	128	511616	85460.928	ng/ul	99
32) 4-Chloroaniline	10.784	127	164739	63284.785	ng/ul	97
33) Hexachlorobutadiene	10.948	225	108582	91062.429	ng/ul	98
34) Caprolactam	11.718	113	128	184.812	ng/ul	93
35) 4-Chloro-3-methylphenol	11.918	107	193043	90965.047	ng/ul	97
36) 2-Methylnaphthalene	12.499	142	351795	87711.311	ng/ul	98
37) 1-Methylnaphthalene	12.499	142	344858	83893.353	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.652	216	205486	48288.650	ng/ul	99
40) Hexachlorocyclopentadiene	12.629	237	67219	29369.916	ng/ul	99
41) 2,4,6-Trichlorophenol	13.087	196	218	75.677	ng/ul	95
42) 2,4,5-Trichlorophenol	13.157	196	173	56.319	ng/ul#	84
43) 1,1'-Biphenyl	13.293	154	404331	40676.767	ng/ul	99
44) 2-Chloronaphthalene	13.340	162	293401	37124.250	ng/ul	98
45) 2-Nitroaniline	13.551	65	113734	41429.737	ng/ul	94
47) Dimethylphthalate	13.921	163	379097	33295.091	ng/ul	99
50) Acenaphthylene	14.526	152	200510	15636.927	ng/ul#	1
51) 3-Nitroaniline	14.591	138	1303	710.621	ng/ul#	1
52) Acenaphthene	14.785	153	2080	233.633	ng/ul#	63

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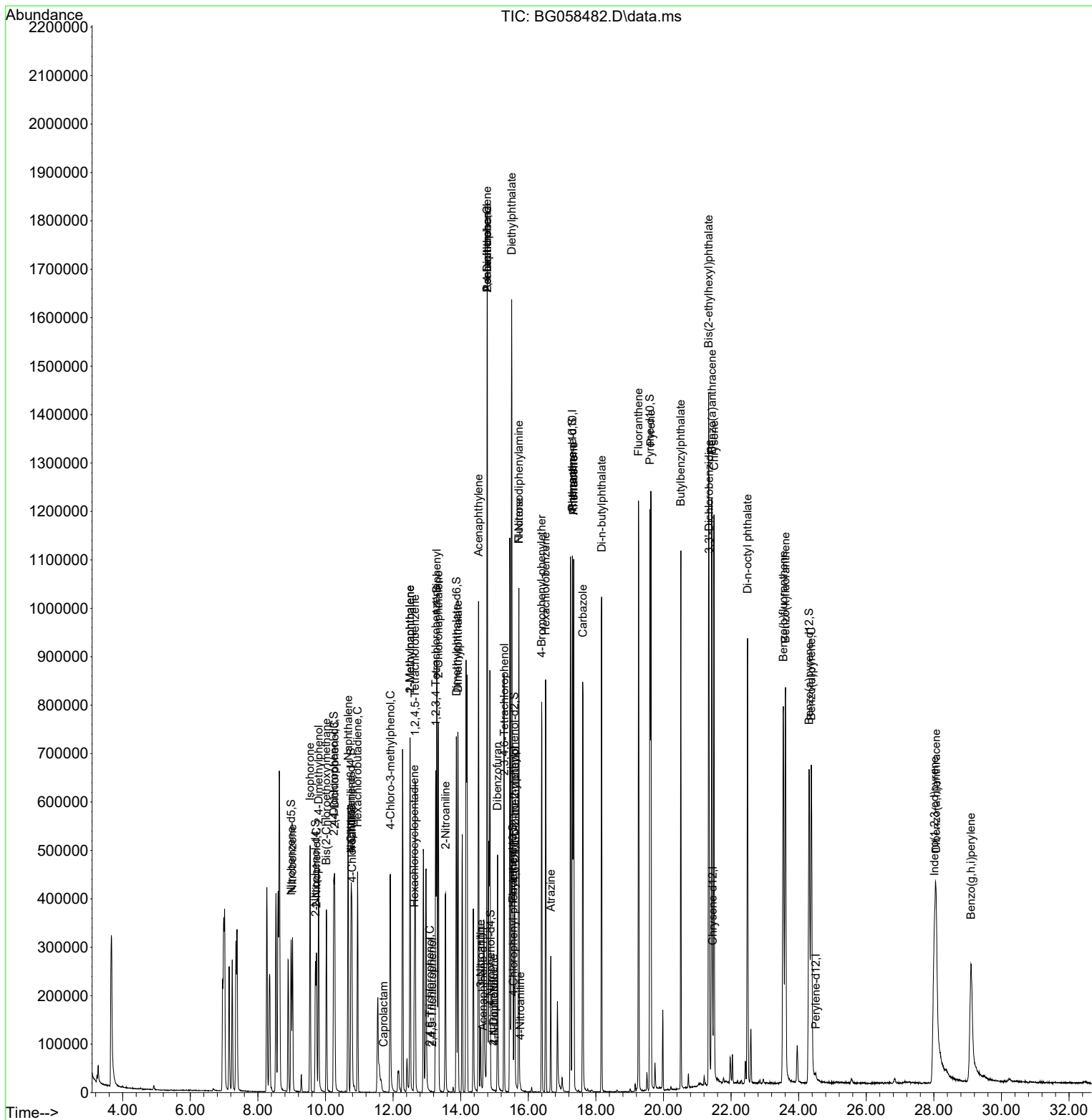
Instrument :
 BNA_G
 ClientSampleId :

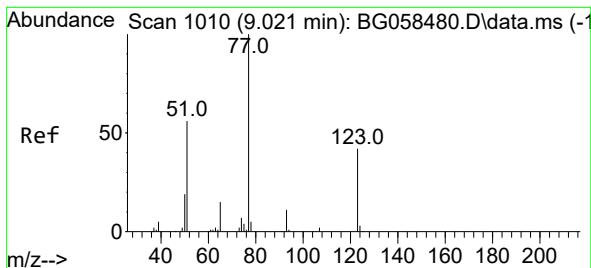
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 2,4-Dinitrophenol	14.785	184	2182	1863.401	ng/ul#	57
55) 4-Nitrophenol	14.985	109	324	245.749	ng/ul	95
56) Dibenzofuran	15.091	168	31288	2468.146	ng/ul#	42
57) 2,4-Dinitrotoluene	14.973	165	138	43.486	ng/ul#	10
58) 2,3,4,6-Tetrachlorophenol	15.290	232	189	66.595	ng/ul#	1
59) Diethylphthalate	15.508	149	3723	317.396	ng/ul#	1
61) Fluorene	15.719	166	24099	2318.154	ng/ul#	1
62) 4-Chlorophenyl-phenyle...	15.555	204	128	23.193	ng/ul#	70
63) 4-Nitroaniline	15.766	138	205	123.558	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.602	198	69787	19.500	ng/ul	97
67) N-Nitrosodiphenylamine	15.719	169	402695	23.794	ng/ul	99
68) 4-Bromophenyl-phenylether	16.395	248	180151	24.911	ng/ul	95
69) Hexachlorobenzene	16.512	284	198038	24.269	ng/ul	98
70) Atrazine	16.665	200	51137	7.707	ng/ul	94
72) Phenanthrene	17.341	178	688821	21.230	ng/ul	98
74) Anthracene	17.341	178	686715	21.082	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.263	216	224437	26.207	ng/uL	98
76) Pentachlorobenzene	14.785	250	533002	56.914	ng/uL	98
77) Carbazole	17.611	167	594692	21.062	ng/ul	99
78) Di-n-butylphthalate	18.169	149	771800	21.511	ng/ul	100
80) Fluoranthene	19.262	202	767187	4564.546	ng/ul	99
82) Pyrene	19.626	202	759008	4456.866	ng/ul	99
83) Butylbenzylphthalate	20.514	149	325929	4860.298	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.348	252	256576	4627.149	ng/ul	97
85) Benzo(a)anthracene	21.430	228	784936	4701.290	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.336	149	462127	4845.000	ng/ul	98
87) Chrysene	21.495	228	745822	4709.434	ng/ul	99
89) Di-n-octyl phthalate	22.488	149	826239	61621.848	ng/ul	100
90) Benzo(b)fluoranthene	23.545	252	798179	54743.042	ng/ul	100
91) Benzo(k)fluoranthene	23.610	252	812152	55849.370	ng/ul	98
93) Benzo(a)pyrene	24.374	252	719376	55471.774	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.017	276	800980	46878.336	ng/ul	99
95) Dibenzo(a,h)anthracene	28.069	278	645730	46087.047	ng/ul	98
96) Benzo(g,h,i)perylene	29.098	276	558412	40112.818	ng/ul	99

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

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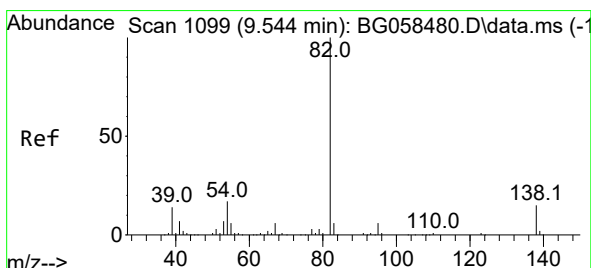
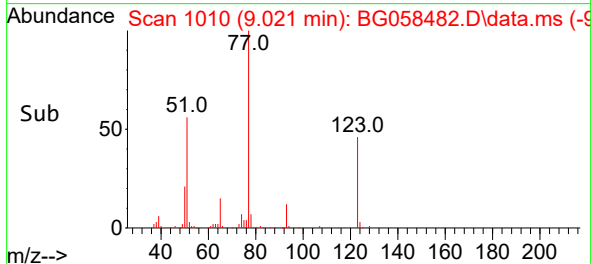
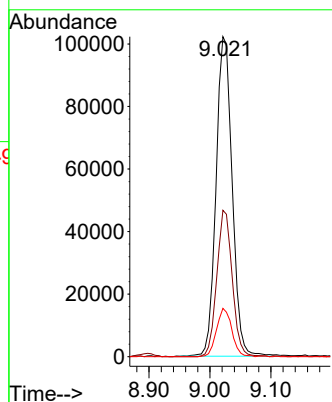
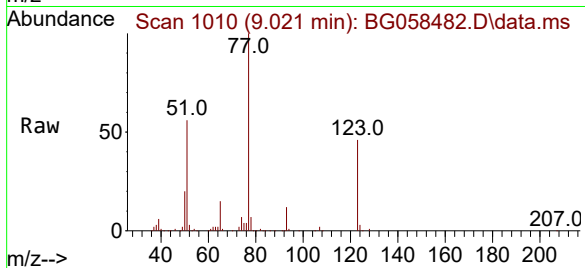




#22
Nitrobenzene
Concen: 84200.660 ng/ul
RT: 9.021 min Scan# 1010
Delta R.T. -0.001 min
Lab File: BG058482.D
Acq: 26 Jul 2023 17:09

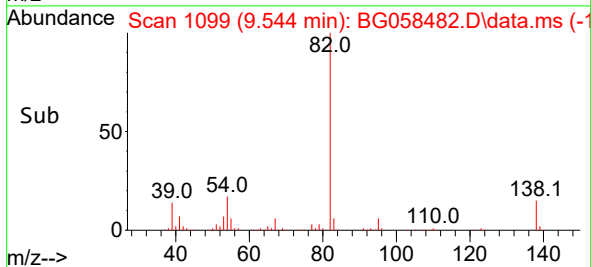
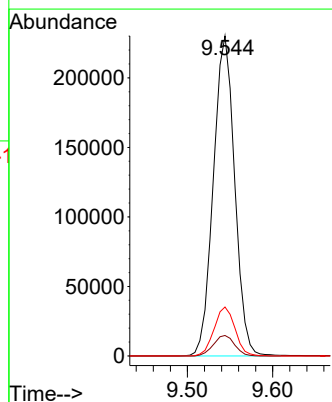
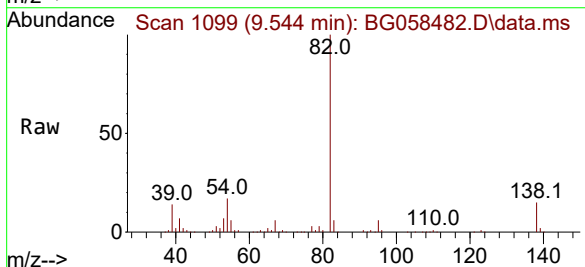
Instrument :
BNA_G
ClientSampleId :

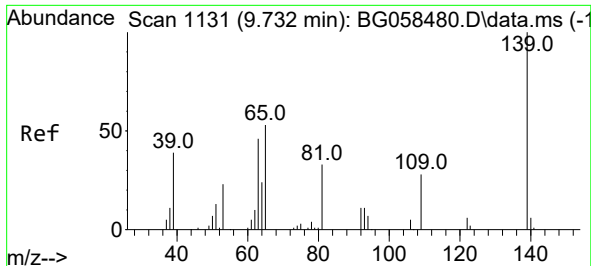
Tgt Ion: 77 Resp: 188505
Ion Ratio Lower Upper
77 100
123 45.8 34.0 51.0
65 15.1 11.0 16.6



#23
Isophorone
Concen: 79624.836 ng/ul
RT: 9.544 min Scan# 1099
Delta R.T. 0.005 min
Lab File: BG058482.D
Acq: 26 Jul 2023 17:09

Tgt Ion: 82 Resp: 399657
Ion Ratio Lower Upper
82 100
95 6.4 5.1 7.7
138 15.3 11.9 17.9





#25

2-Nitrophenol

Concen: 89382.961 ng/ul

RT: 9.732 min Scan# 1131

Delta R.T. -0.001 min

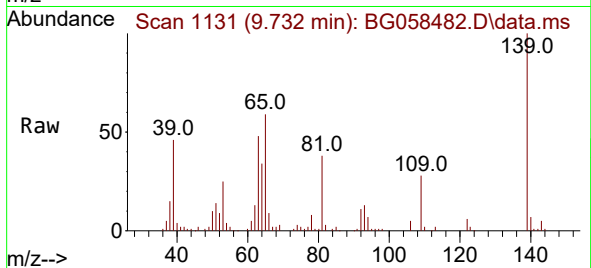
Lab File: BG058482.D

Acq: 26 Jul 2023 17:09

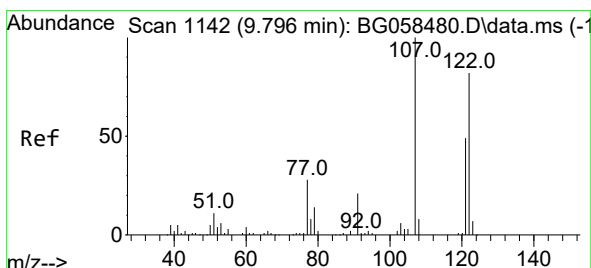
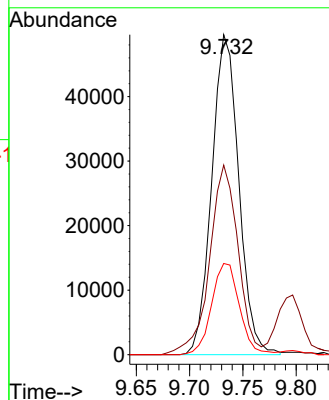
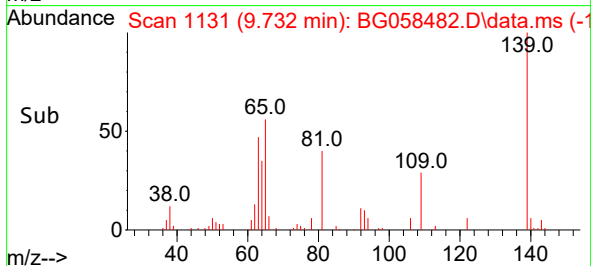
Instrument :

BNA_G

ClientSampleId :



Tgt Ion:	139	Resp:	87502
Ion Ratio	Lower	Upper	
139	100		
65	59.3	49.2	73.8
109	28.5	21.6	32.4



#26

2,4-Dimethylphenol

Concen: 79453.292 ng/ul

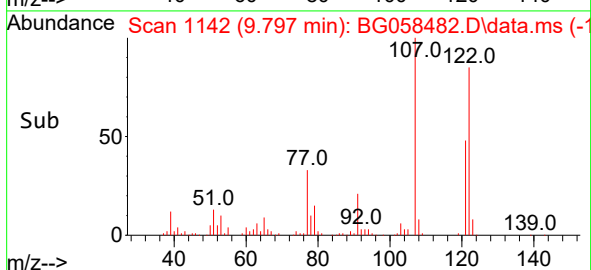
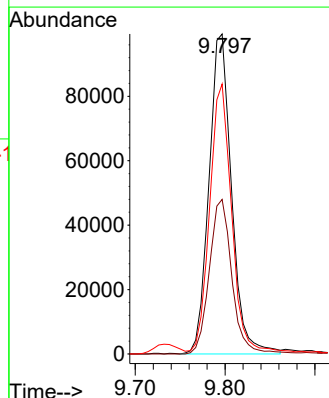
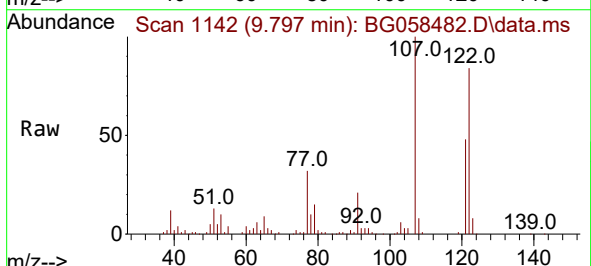
RT: 9.797 min Scan# 1142

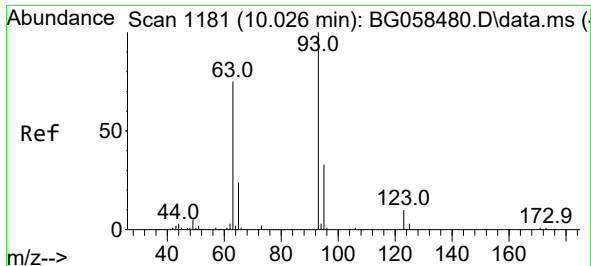
Delta R.T. 0.005 min

Lab File: BG058482.D

Acq: 26 Jul 2023 17:09

Tgt Ion:	107	Resp:	173432
Ion Ratio	Lower	Upper	
107	100		
121	48.3	39.1	58.7
122	84.3	68.9	103.3

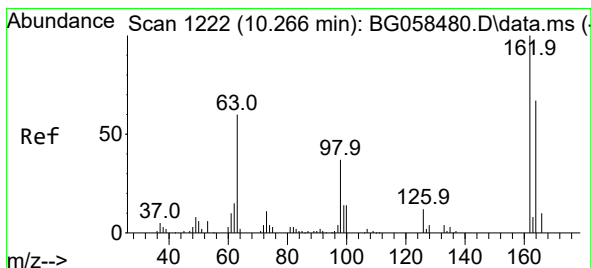
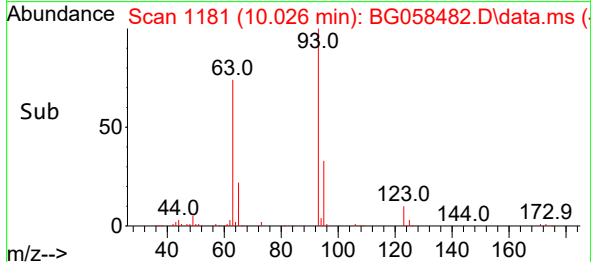
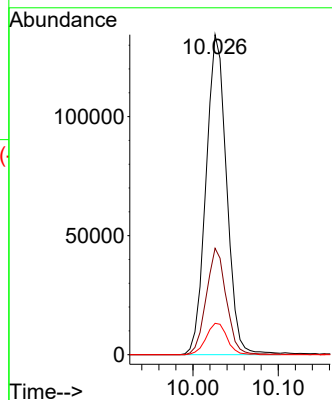
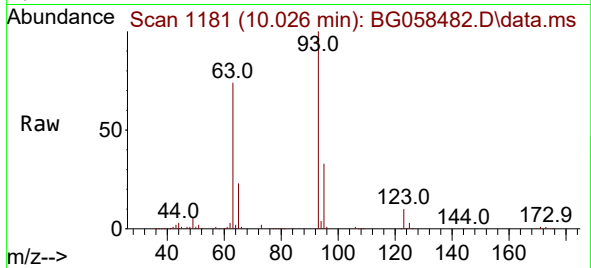




#27
 Bis(2-Chloroethoxy)methane
 Concen: 84692.825 ng/ul
 RT: 10.026 min Scan# 1181
 Delta R.T. -0.001 min
 Lab File: BG058482.D
 Acq: 26 Jul 2023 17:09

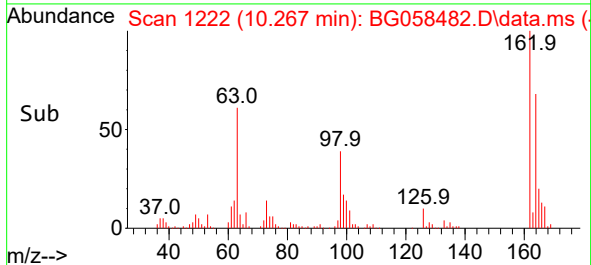
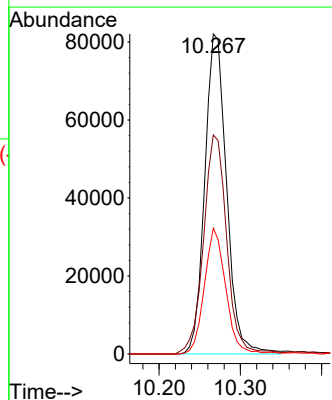
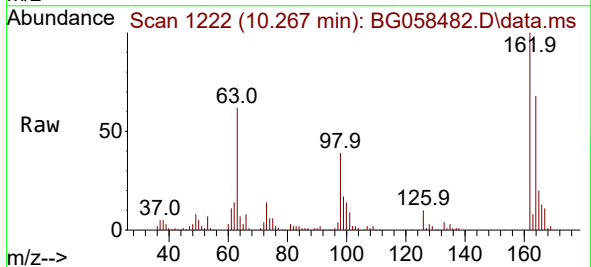
Instrument :
 BNA_G
 ClientSampleId :

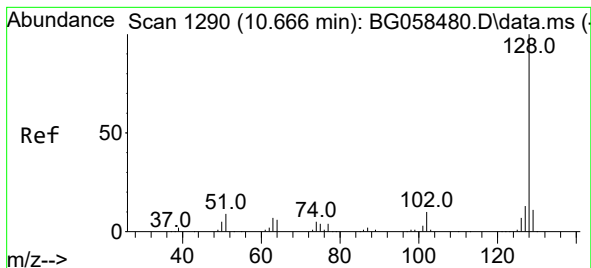
Tgt Ion: 93 Resp: 225133
 Ion Ratio Lower Upper
 93 100
 95 33.2 25.8 38.8
 123 9.8 9.3 13.9



#29
 2,4-Dichlorophenol
 Concen: 91876.321 ng/ul
 RT: 10.267 min Scan# 1222
 Delta R.T. -0.007 min
 Lab File: BG058482.D
 Acq: 26 Jul 2023 17:09

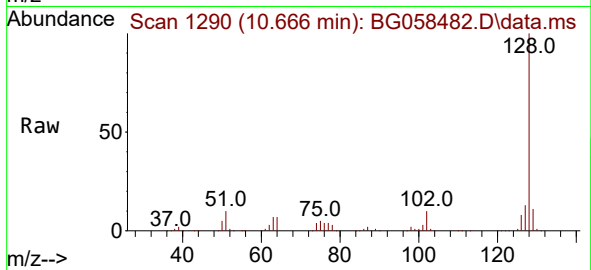
Tgt Ion:162 Resp: 153207
 Ion Ratio Lower Upper
 162 100
 164 68.5 58.4 87.6
 98 39.3 29.6 44.4



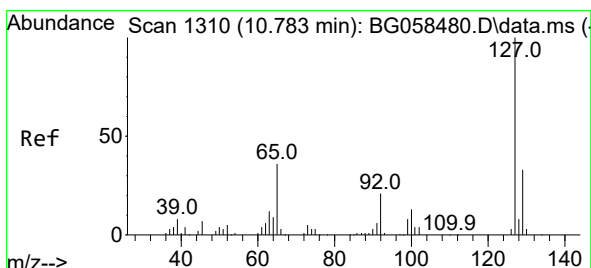
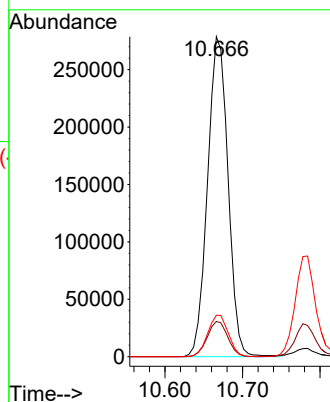
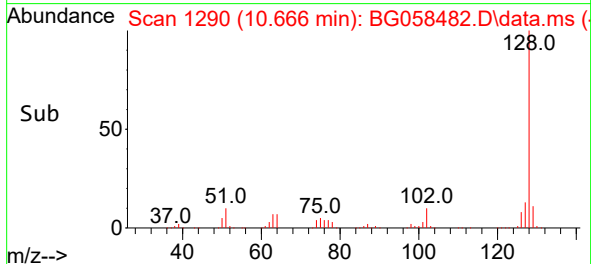


#30
Naphthalene
Concen: 85460.928 ng/ul
RT: 10.666 min Scan# 1290
Delta R.T. -0.001 min
Lab File: BG058482.D
Acq: 26 Jul 2023 17:09

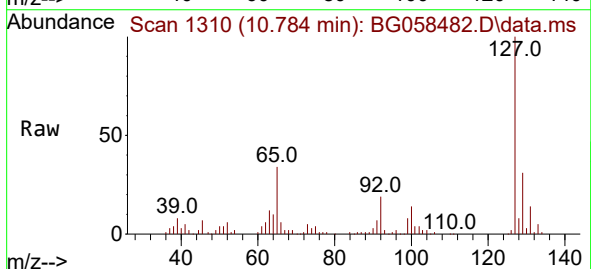
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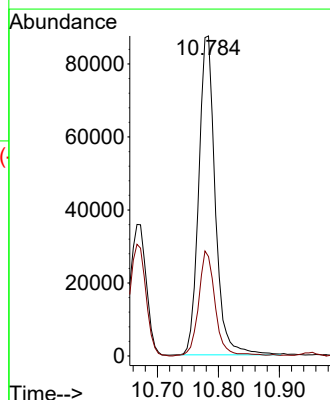
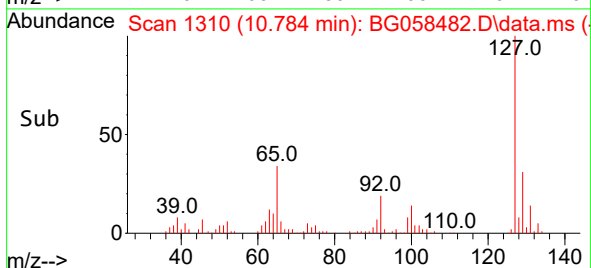
Tgt Ion:128 Resp: 511616
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.9 10.8 16.2

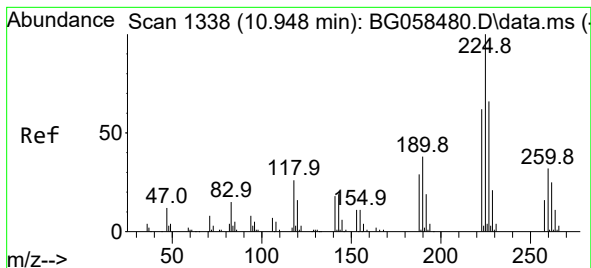


#32
4-Chloroaniline
Concen: 63284.785 ng/ul
RT: 10.784 min Scan# 1310
Delta R.T. -0.001 min
Lab File: BG058482.D
Acq: 26 Jul 2023 17:09



Tgt Ion:127 Resp: 164739
Ion Ratio Lower Upper
127 100
129 31.0 26.1 39.1

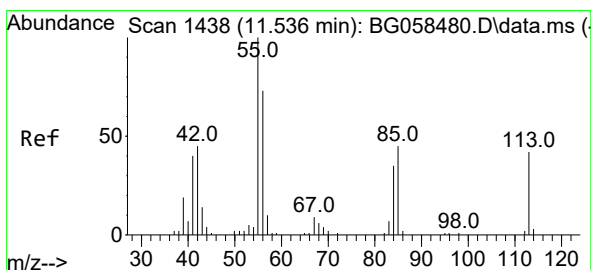
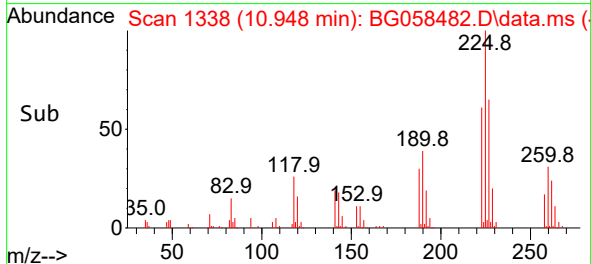
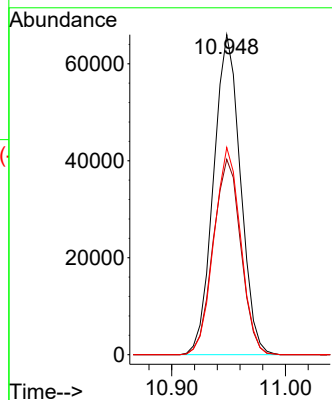
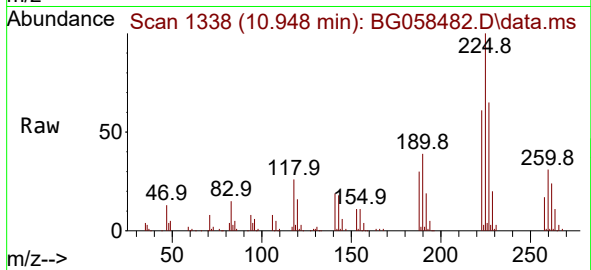




#33
Hexachlorobutadiene
Concen: 91062.429 ng/ul
RT: 10.948 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG058482.D
Acq: 26 Jul 2023 17:09

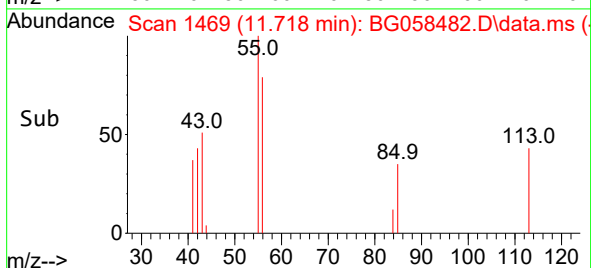
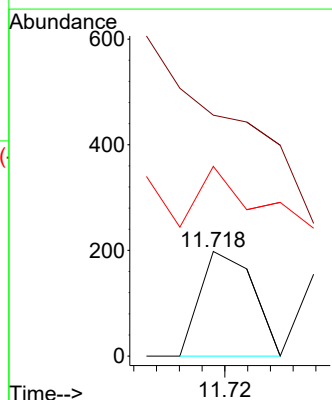
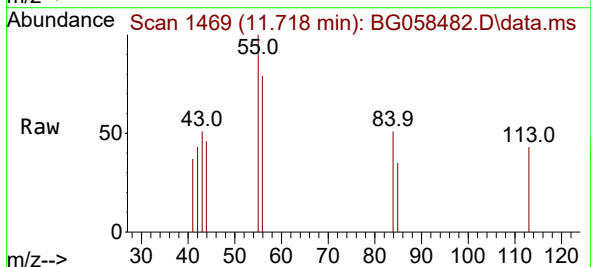
Instrument :
BNA_G
ClientSampleId :

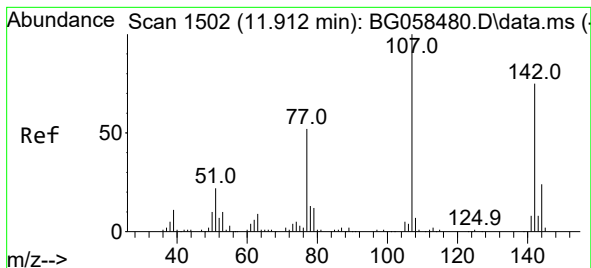
Tgt Ion:225 Resp: 108582
Ion Ratio Lower Upper
225 100
223 61.0 49.7 74.5
227 64.8 53.2 79.8



#34
Caprolactam
Concen: 184.812 ng/ul
RT: 11.718 min Scan# 1469
Delta R.T. 0.151 min
Lab File: BG058482.D
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Tgt Ion:113 Resp: 128
Ion Ratio Lower Upper
113 100
55 230.3 179.8 269.6
56 181.3 132.2 198.4

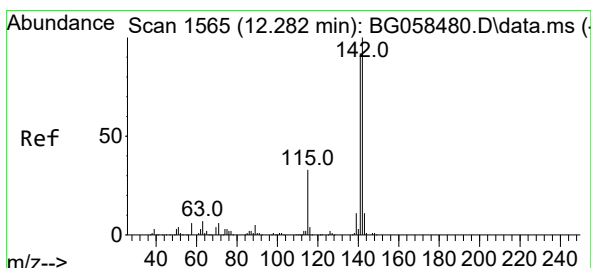
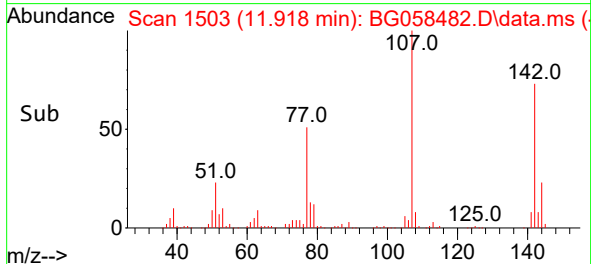
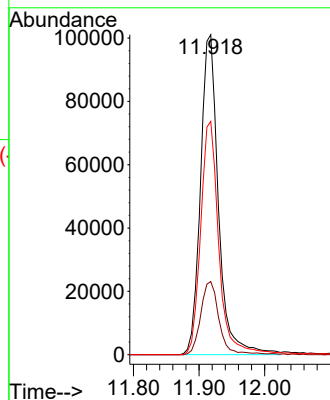
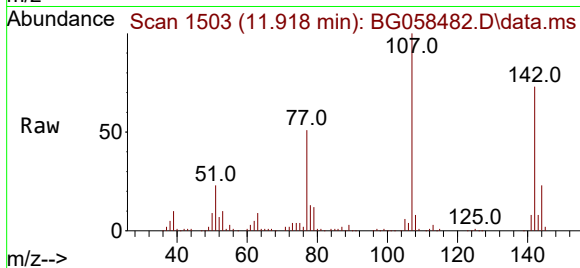




#35
 4-Chloro-3-methylphenol
 Concen: 90965.047 ng/ul
 RT: 11.918 min Scan# 1
 Delta R.T. 0.005 min
 Lab File: BG058482.D
 Acq: 26 Jul 2023 17:09

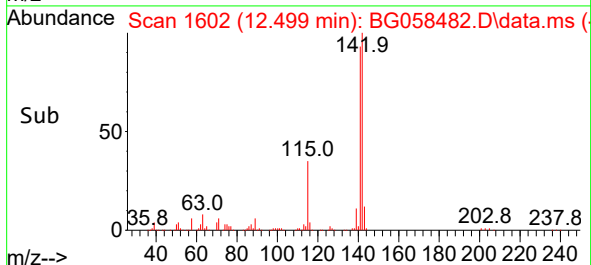
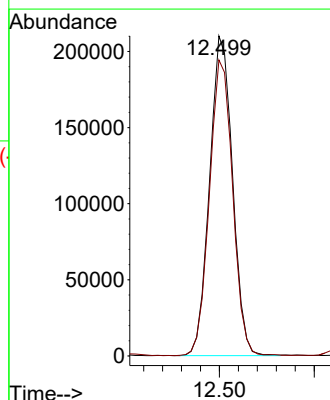
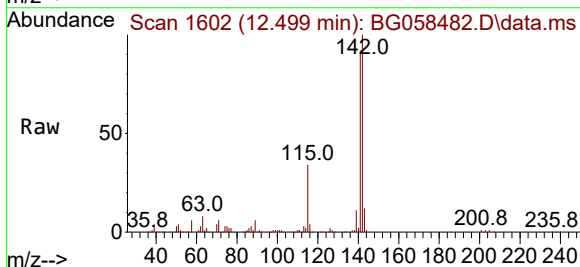
Instrument :
 BNA_G
 ClientSampleId :

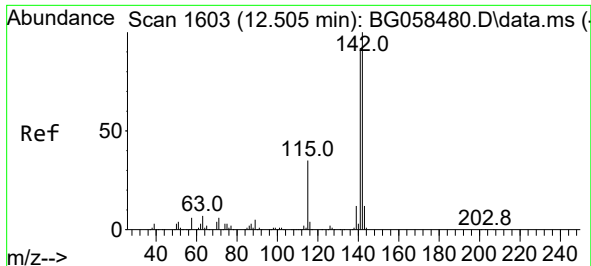
Tgt Ion:107 Resp: 193043
 Ion Ratio Lower Upper
 107 100
 144 22.9 19.0 28.6
 142 72.9 55.8 83.6



#36
 2-Methylnaphthalene
 Concen: 87711.311 ng/ul
 RT: 12.499 min Scan# 1602
 Delta R.T. 0.216 min
 Lab File: BG058482.D
 Acq: 26 Jul 2023 17:09

Tgt Ion:142 Resp: 351795
 Ion Ratio Lower Upper
 142 100
 141 92.5 72.6 108.8





#37

1-Methylnaphthalene

Concen: 83893.353 ng/ul

RT: 12.499 min Scan# 1

Delta R.T. -0.007 min

Lab File: BG058482.D

Acq: 26 Jul 2023 17:09

Instrument :

BNA_G

ClientSampleId :

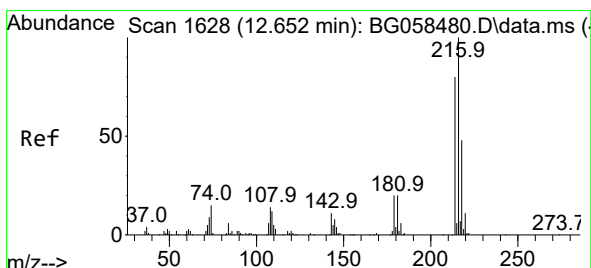
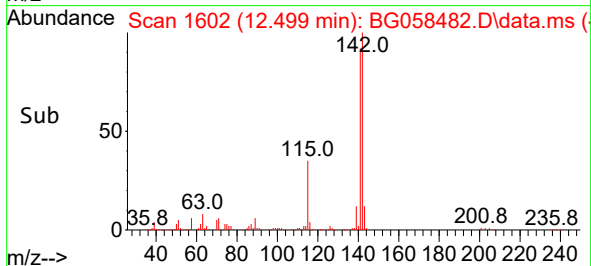
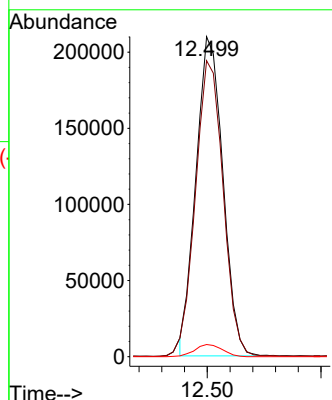
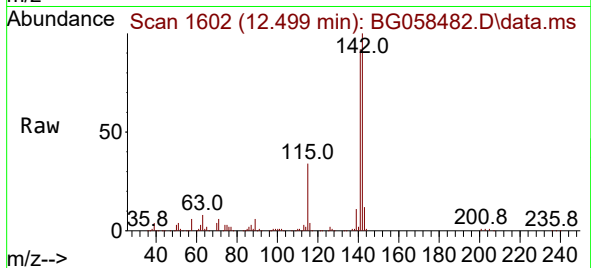
Tgt Ion:142 Resp: 344858

Ion Ratio Lower Upper

142 100

141 92.5 75.8 113.6

116 3.8 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 48288.650 ng/ul

RT: 12.652 min Scan# 1628

Delta R.T. -0.001 min

Lab File: BG058482.D

Acq: 26 Jul 2023 17:09

Tgt Ion:216 Resp: 205486

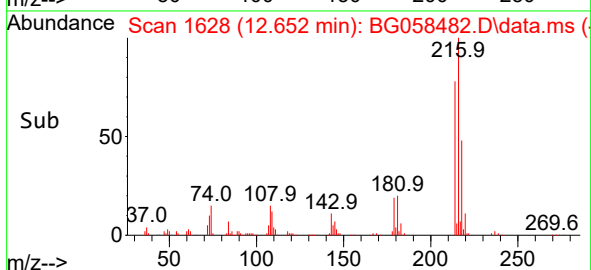
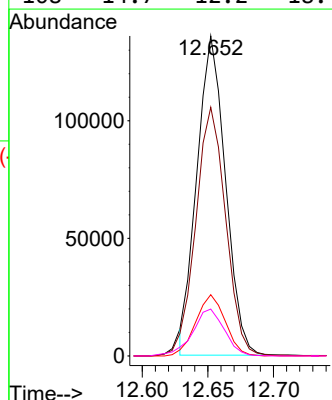
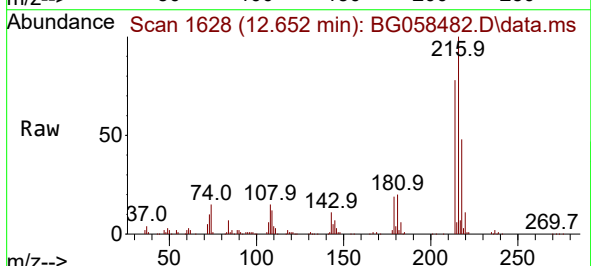
Ion Ratio Lower Upper

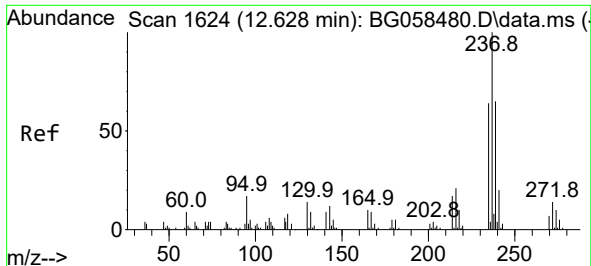
216 100

214 77.7 62.2 93.4

179 19.1 16.2 24.2

108 14.7 12.2 18.4

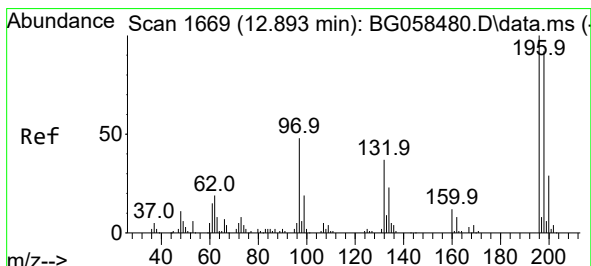
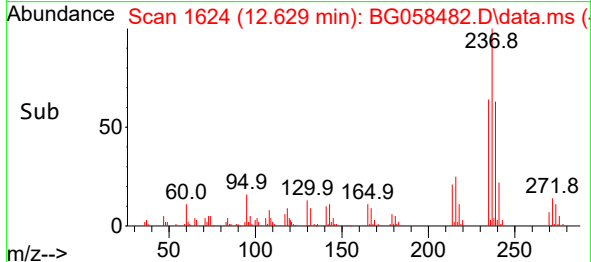
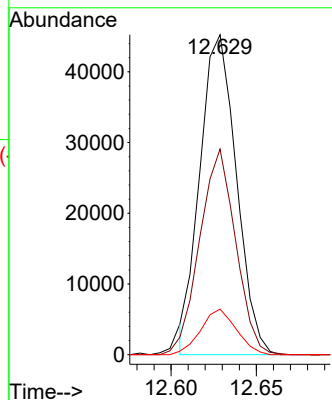
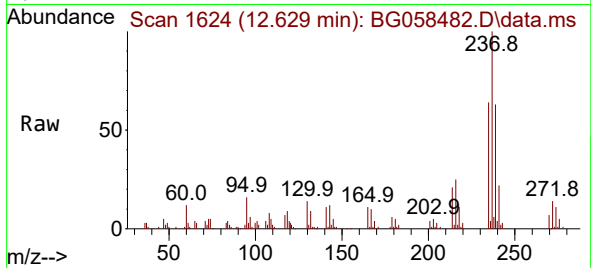




#40
Hexachlorocyclopentadiene
Concen: 29369.916 ng/ul
RT: 12.629 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG058482.D
Acq: 26 Jul 2023 17:09

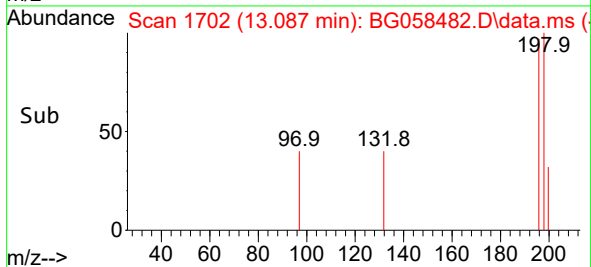
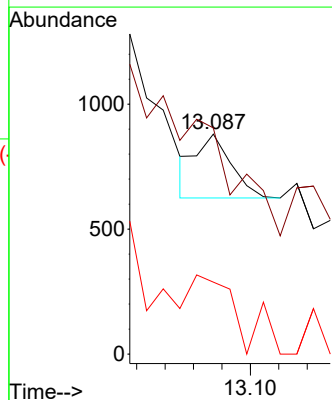
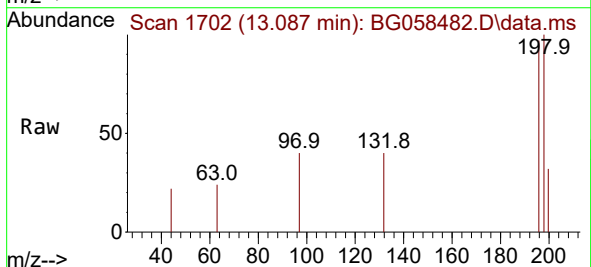
Instrument :
BNA_G
ClientSampleId :

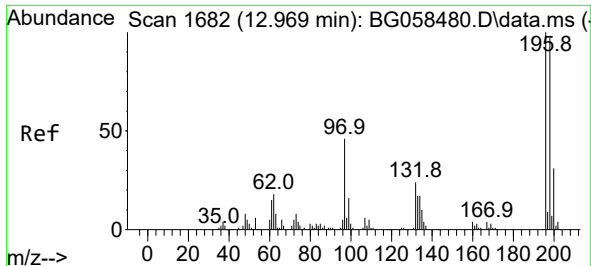
Tgt Ion:237 Resp: 67219
Ion Ratio Lower Upper
237 100
235 64.2 50.9 76.3
272 14.3 10.8 16.2



#41
2,4,6-Trichlorophenol
Concen: 75.677 ng/ul
RT: 13.087 min Scan# 1702
Delta R.T. 0.187 min
Lab File: BG058482.D
Acq: 26 Jul 2023 17:09

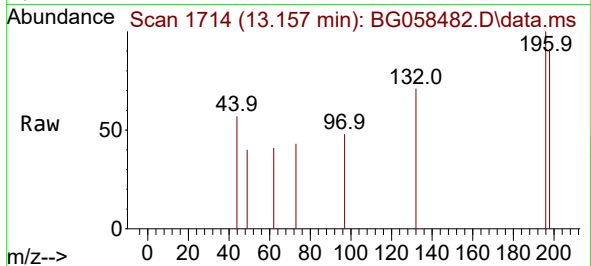
Tgt Ion:196 Resp: 218
Ion Ratio Lower Upper
196 100
198 102.8 77.7 116.5
200 32.7 25.0 37.6



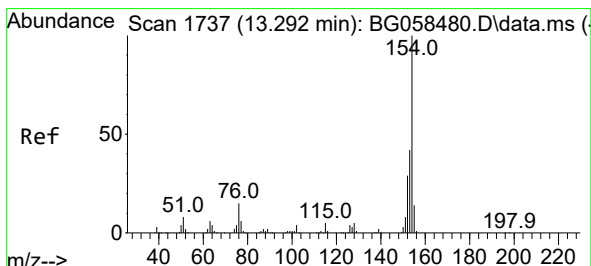
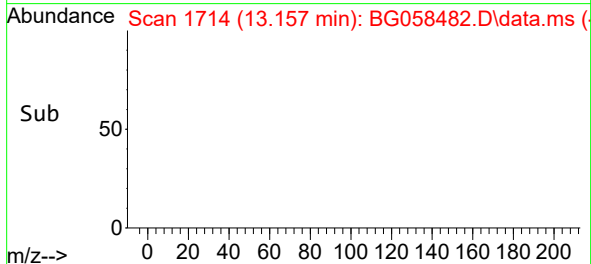
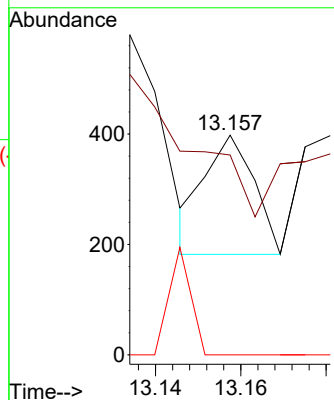


#42
2,4,5-Trichlorophenol
Concen: 56.319 ng/ul
RT: 13.157 min Scan# 1714
Delta R.T. 0.181 min
Lab File: BG058482.D
Acq: 26 Jul 2023 17:09

Instrument :
BNA_G
ClientSampleId :

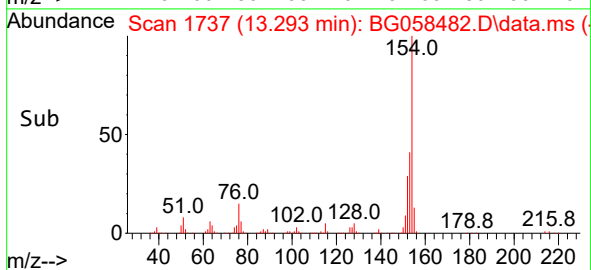
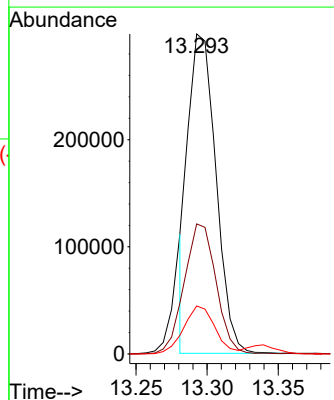
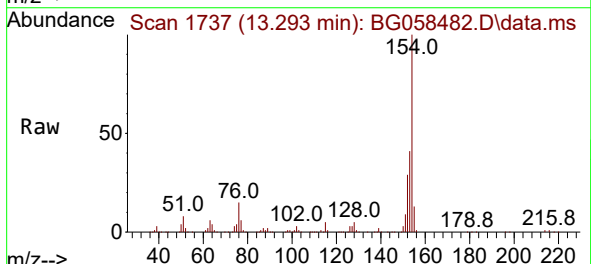


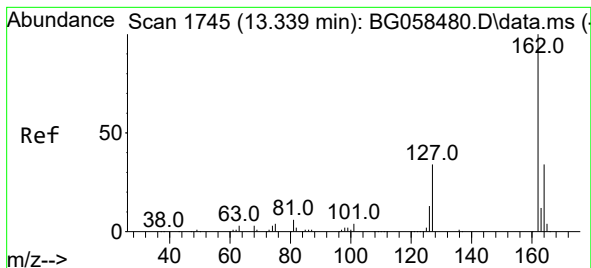
Tgt Ion:196 Resp: 173
Ion Ratio Lower Upper
196 100
198 91.0 74.8 112.2
200 0.0 24.4 36.6#



#43
1,1'-Biphenyl
Concen: 40676.767 ng/ul
RT: 13.293 min Scan# 1737
Delta R.T. -0.001 min
Lab File: BG058482.D
Acq: 26 Jul 2023 17:09

Tgt Ion:154 Resp: 404331
Ion Ratio Lower Upper
154 100
153 40.7 31.8 47.6
76 15.0 11.7 17.5





#44

2-Chloronaphthalene

Concen: 37124.250 ng/ul

RT: 13.340 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG058482.D

Acq: 26 Jul 2023 17:09

Instrument :

BNA_G

ClientSampleId :

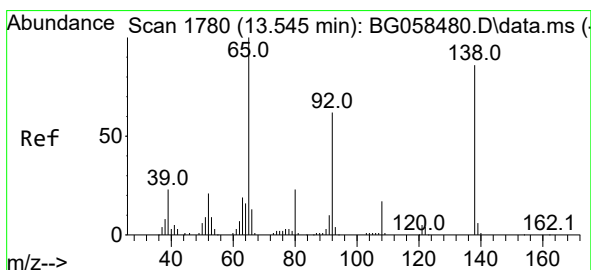
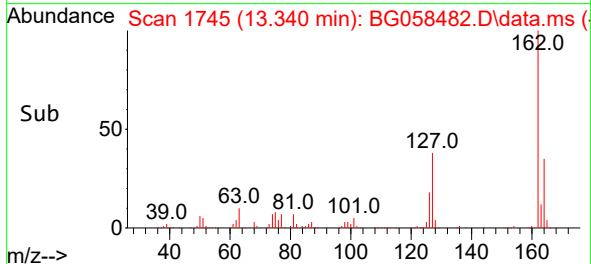
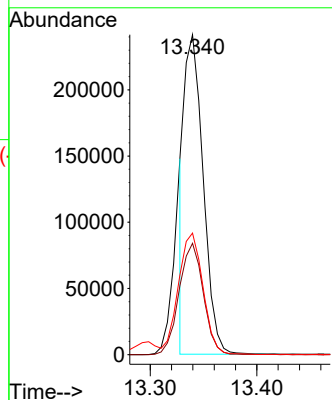
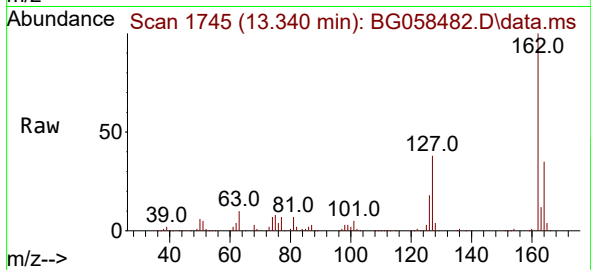
Tgt Ion:162 Resp: 293401

Ion Ratio Lower Upper

162 100

164 34.8 26.2 39.2

127 38.0 29.8 44.6



#45

2-Nitroaniline

Concen: 41429.737 ng/ul

RT: 13.551 min Scan# 1781

Delta R.T. 0.005 min

Lab File: BG058482.D

Acq: 26 Jul 2023 17:09

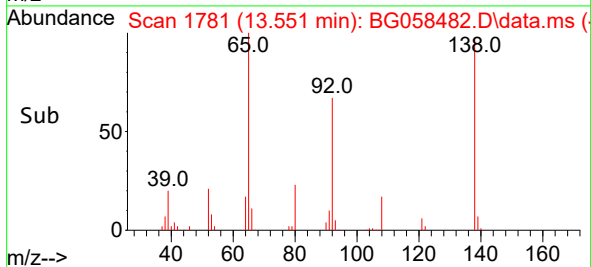
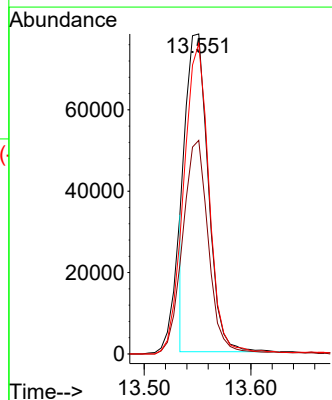
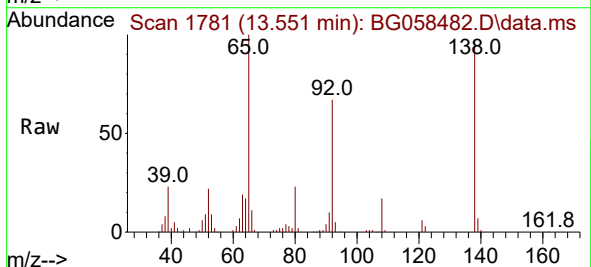
Tgt Ion: 65 Resp: 113734

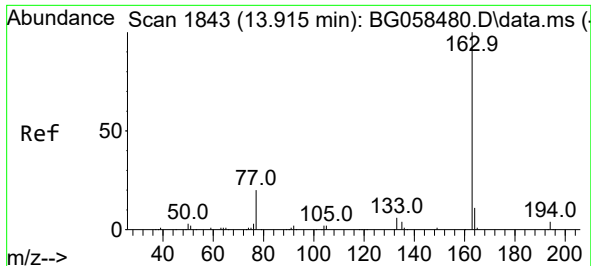
Ion Ratio Lower Upper

65 100

92 66.7 51.4 77.2

138 97.0 71.6 107.4

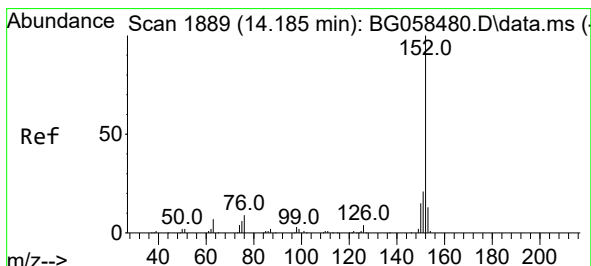
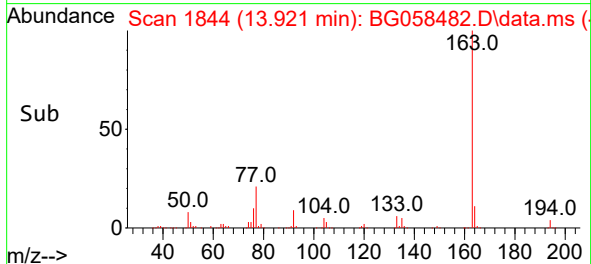
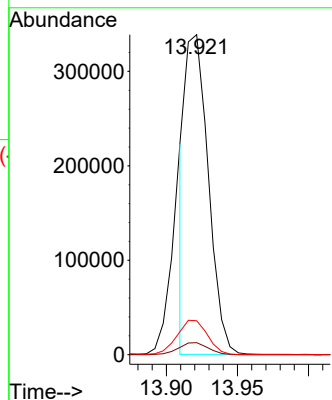
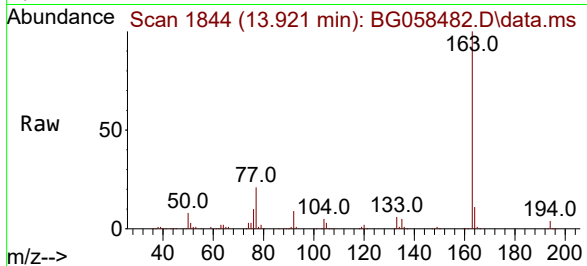




#47
Dimethylphthalate
Concen: 33295.091 ng/ul
RT: 13.921 min Scan# 1844
Delta R.T. 0.005 min
Lab File: BG058482.D
Acq: 26 Jul 2023 17:09

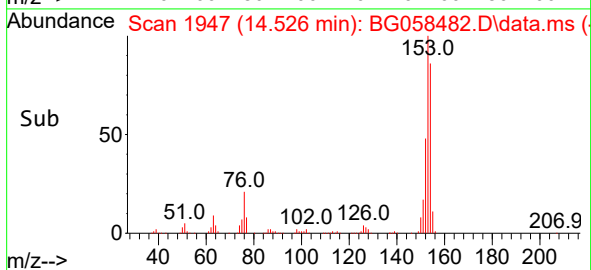
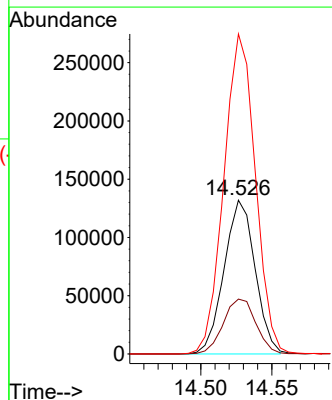
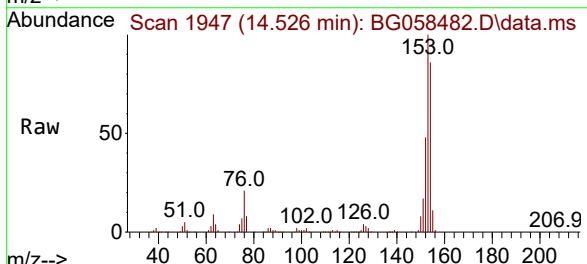
Instrument :
BNA_G
ClientSampleId :

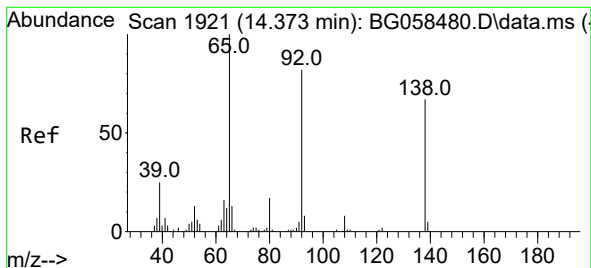
Tgt Ion:163 Resp: 379097
Ion Ratio Lower Upper
163 100
194 3.8 2.6 3.8
164 10.6 8.2 12.2



#50
Acenaphthylene
Concen: 15636.927 ng/ul
RT: 14.526 min Scan# 1947
Delta R.T. 0.339 min
Lab File: BG058482.D
Acq: 26 Jul 2023 17:09

Tgt Ion:152 Resp: 200510
Ion Ratio Lower Upper
152 100
151 35.7 16.4 24.6#
153 208.2 10.6 16.0#





#51

3-Nitroaniline

Concen: 710.621 ng/ul

RT: 14.591 min Scan# 1958

Delta R.T. 0.210 min

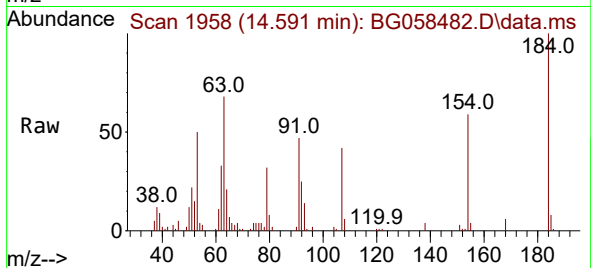
Lab File: BG058482.D

Acq: 26 Jul 2023 17:09

Instrument :

BNA_G

ClientSampleId :



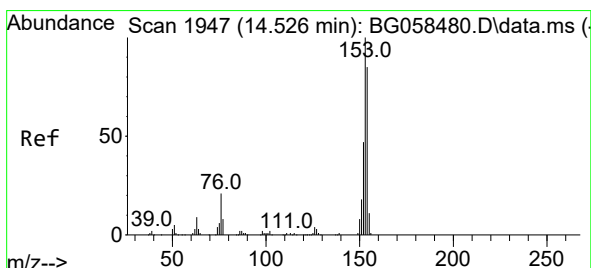
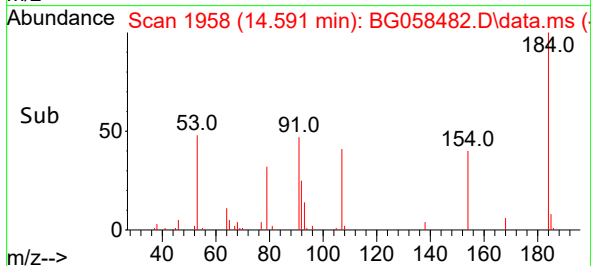
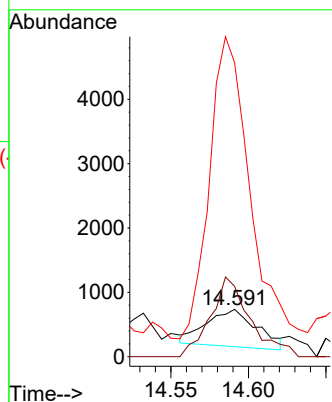
Tgt Ion:138 Resp: 1303

Ion Ratio Lower Upper

138 100

108 148.8 8.6 13.0#

92 620.8 108.4 162.6#



#52

Acenaphthene

Concen: 233.633 ng/ul

RT: 14.785 min Scan# 1991

Delta R.T. 0.257 min

Lab File: BG058482.D

Acq: 26 Jul 2023 17:09

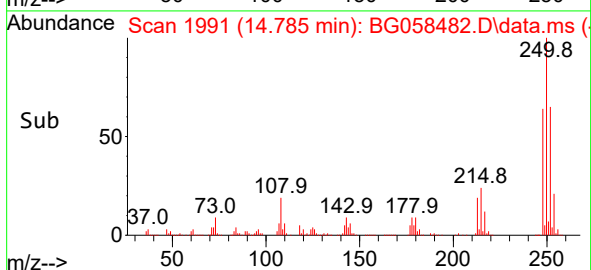
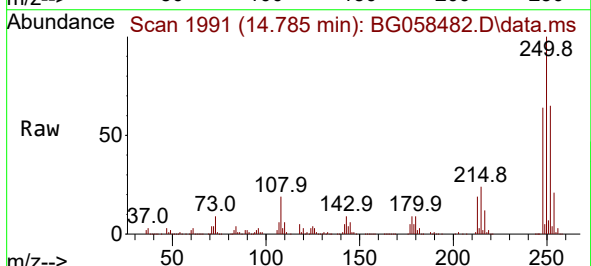
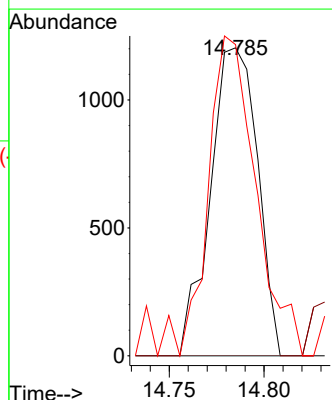
Tgt Ion:153 Resp: 2080

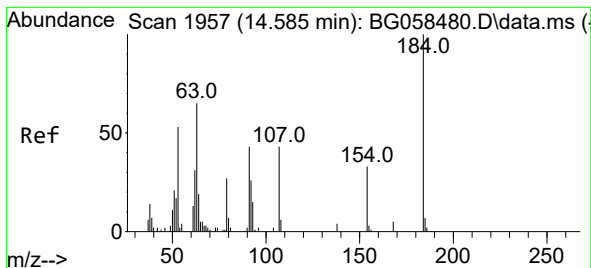
Ion Ratio Lower Upper

153 100

152 0.0 39.1 58.7#

154 101.0 68.7 103.1





#53

2,4-Dinitrophenol

Concen: 1863.401 ng/ul

RT: 14.785 min Scan# 1957

Delta R.T. 0.198 min

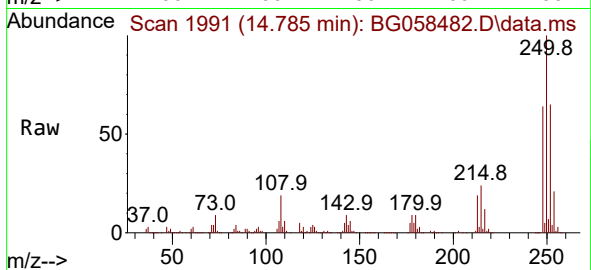
Lab File: BG058482.D

Acq: 26 Jul 2023 17:09

Instrument :

BNA_G

ClientSampleId :



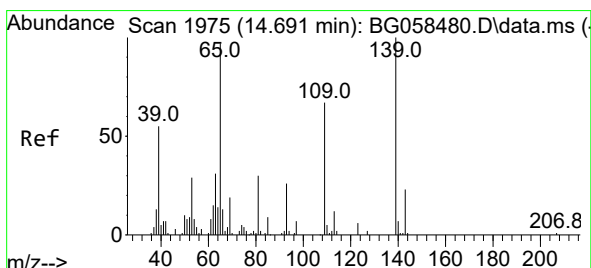
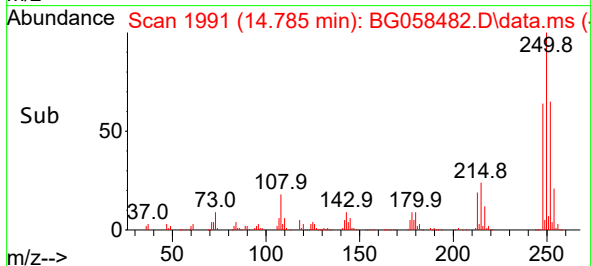
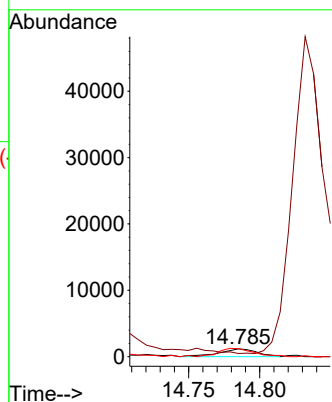
Tgt Ion:184 Resp: 2182

Ion Ratio Lower Upper

184 100

63 42.2 52.9 79.3#

154 103.6 47.8 71.8#



#55

4-Nitrophenol

Concen: 245.749 ng/ul

RT: 14.985 min Scan# 2025

Delta R.T. 0.292 min

Lab File: BG058482.D

Acq: 26 Jul 2023 17:09

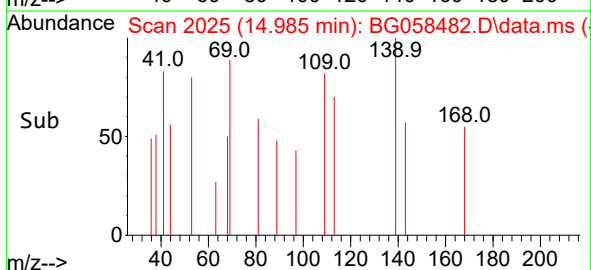
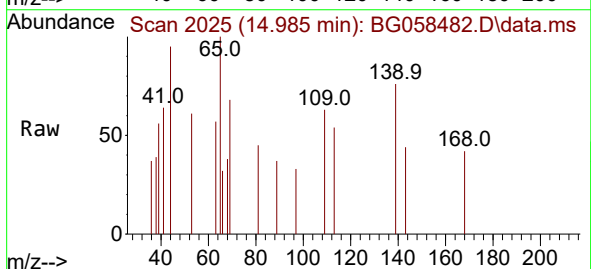
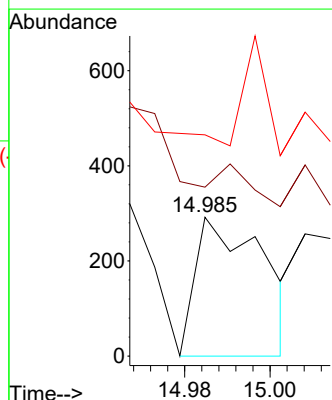
Tgt Ion:109 Resp: 324

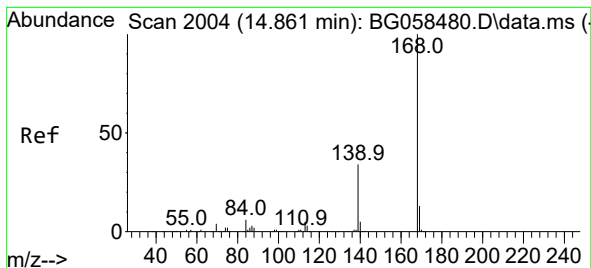
Ion Ratio Lower Upper

109 100

139 121.6 100.3 150.5

65 159.2 120.6 180.8





#56

Dibenzenofuran

Concen: 2468.146 ng/ul

RT: 15.091 min Scan# 20

Delta R.T. 0.228 min

Lab File: BG058482.D

Acq: 26 Jul 2023 17:09

Instrument :

BNA_G

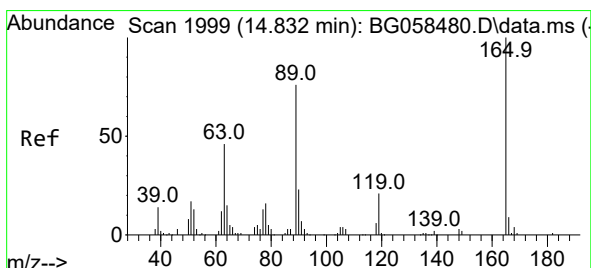
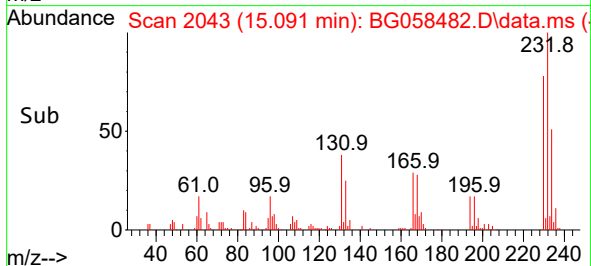
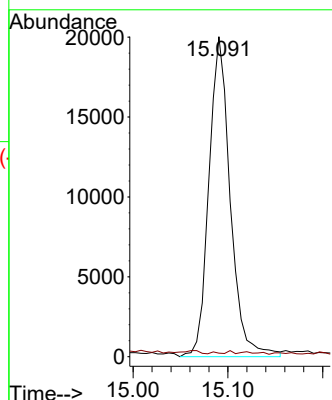
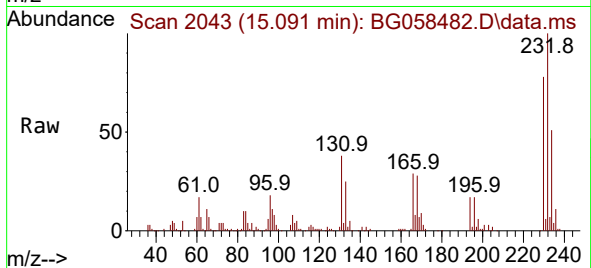
ClientSampleId :

Tgt Ion:168 Resp: 31288

Ion Ratio Lower Upper

168 100

139 1.1 27.8 41.8#



#57

2,4-Dinitrotoluene

Concen: 43.486 ng/ul

RT: 14.973 min Scan# 2023

Delta R.T. 0.140 min

Lab File: BG058482.D

Acq: 26 Jul 2023 17:09

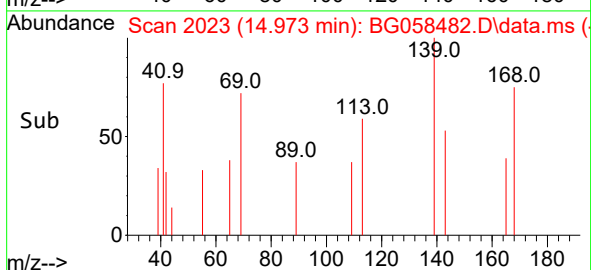
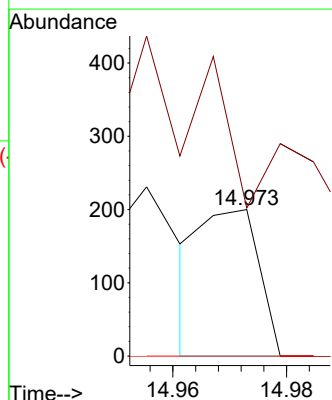
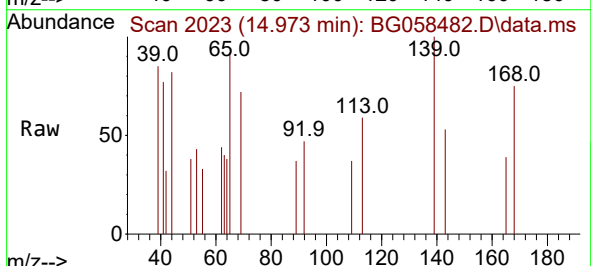
Tgt Ion:165 Resp: 138

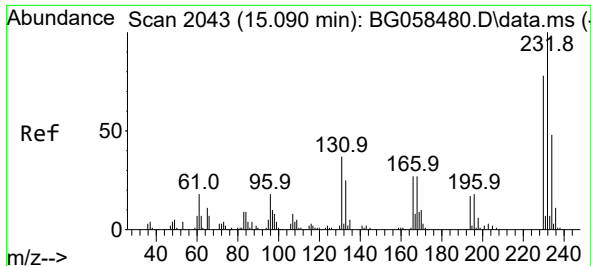
Ion Ratio Lower Upper

165 100

63 101.0 33.8 50.6#

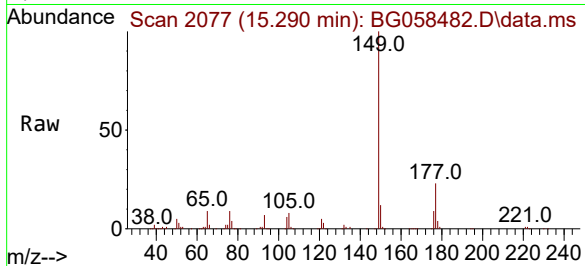
182 0.0 1.2 1.8#



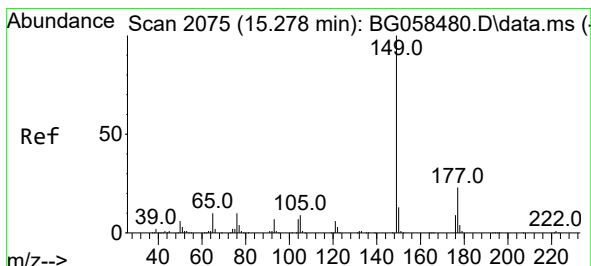
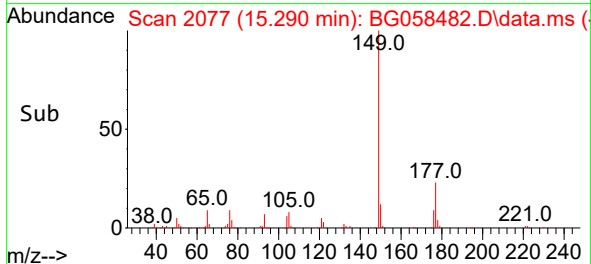
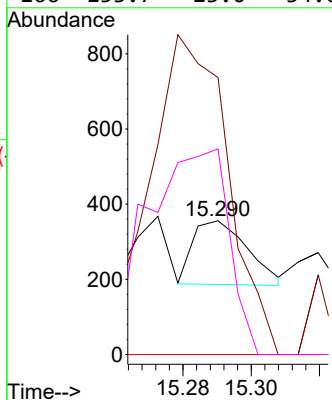


#58
2,3,4,6-Tetrachlorophenol
Concen: 66.595 ng/ul
RT: 15.290 min Scan# 2043
Delta R.T. 0.198 min
Lab File: BG058482.D
Acq: 26 Jul 2023 17:09

Instrument :
BNA_G
ClientSampleId :

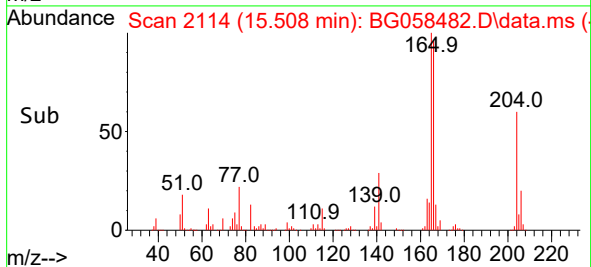
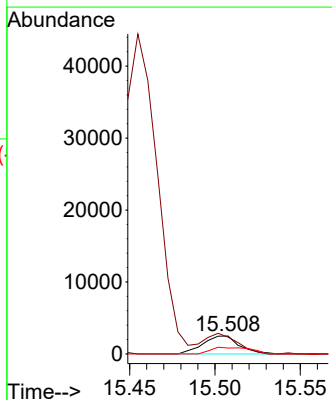
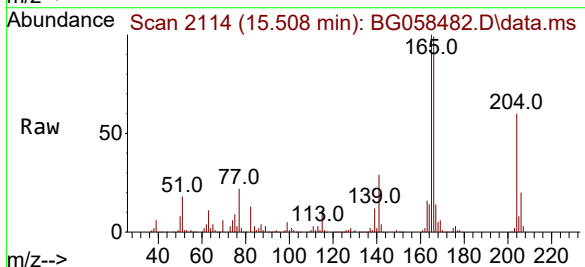


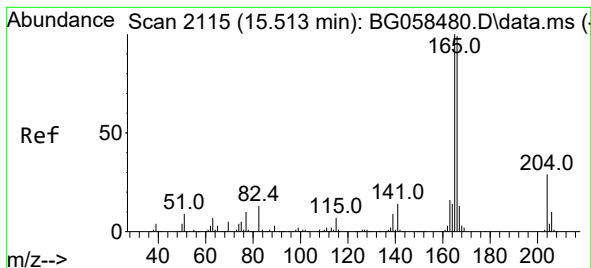
Tgt Ion:232 Resp: 189
Ion Ratio Lower Upper
232 100
131 207.0 29.0 43.6#
130 0.0 1.1 1.7#
166 153.7 23.0 34.6#



#59
Diethylphthalate
Concen: 317.396 ng/ul
RT: 15.508 min Scan# 2114
Delta R.T. 0.228 min
Lab File: BG058482.D
Acq: 26 Jul 2023 17:09

Tgt Ion:149 Resp: 3723
Ion Ratio Lower Upper
149 100
177 93.7 18.4 27.6#
150 33.1 10.0 15.0#





#61

Fluorene

Concen: 2318.154 ng/ul

RT: 15.719 min Scan# 2115

Delta R.T. 0.204 min

Lab File: BG058482.D

Acq: 26 Jul 2023 17:09

Instrument :

BNA_G

ClientSampleId :

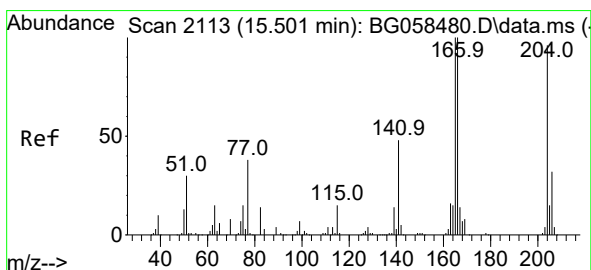
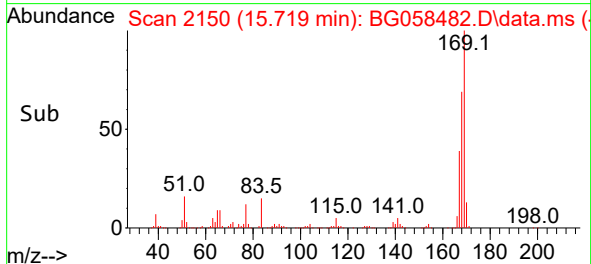
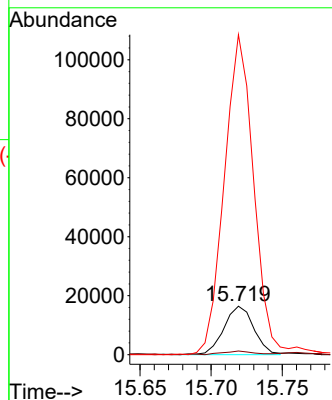
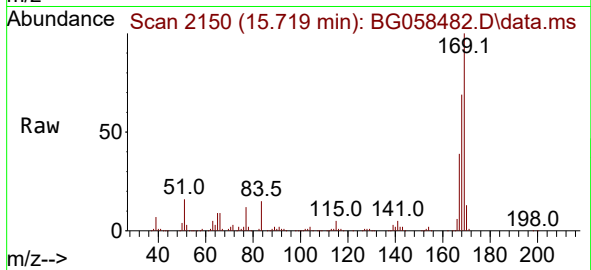
Tgt Ion:166 Resp: 24099

Ion Ratio Lower Upper

166 100

165 7.6 80.2 120.2#

167 660.6 10.5 15.7#



#62

4-Chlorophenyl-phenylether

Concen: 23.193 ng/ul

RT: 15.555 min Scan# 2122

Delta R.T. 0.046 min

Lab File: BG058482.D

Acq: 26 Jul 2023 17:09

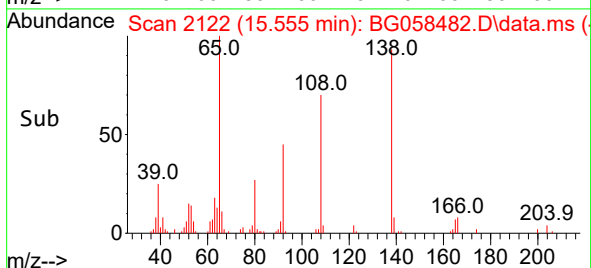
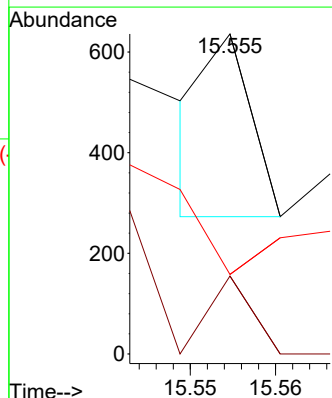
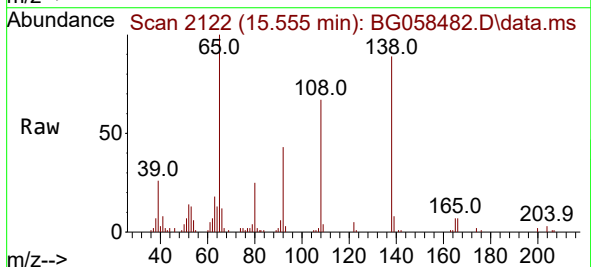
Tgt Ion:204 Resp: 128

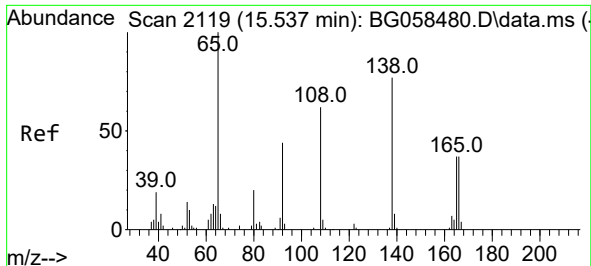
Ion Ratio Lower Upper

204 100

206 24.4 26.0 39.0#

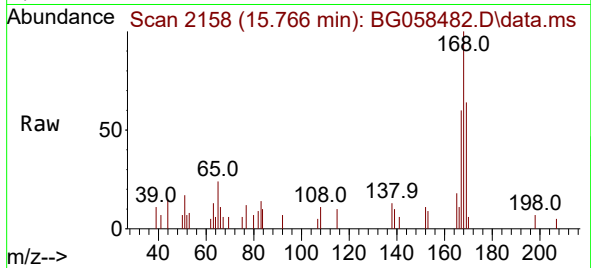
141 24.8 42.2 63.2#



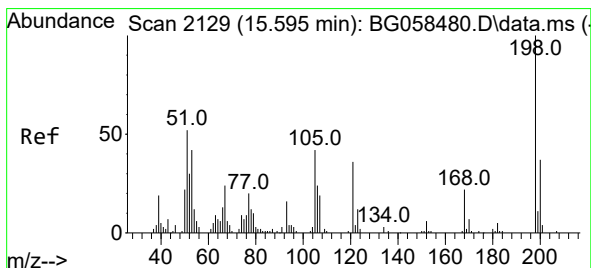
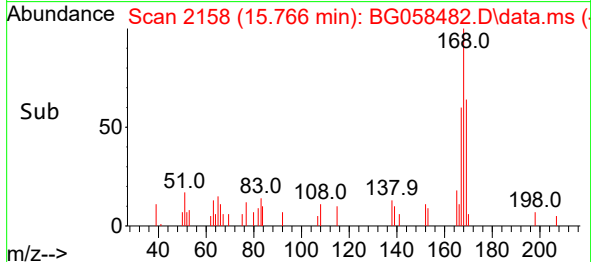
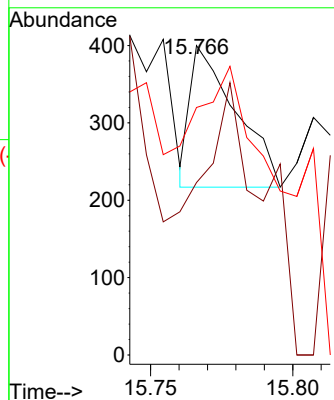


#63
4-Nitroaniline
Concen: 123.558 ng/ul
RT: 15.766 min Scan# 2119
Delta R.T. 0.222 min
Lab File: BG058482.D
Acq: 26 Jul 2023 17:09

Instrument :
BNA_G
ClientSampleId :

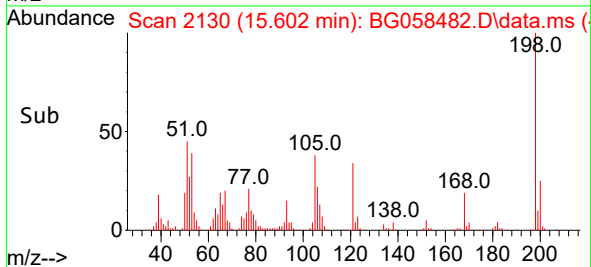
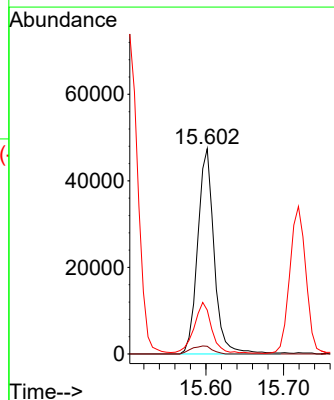
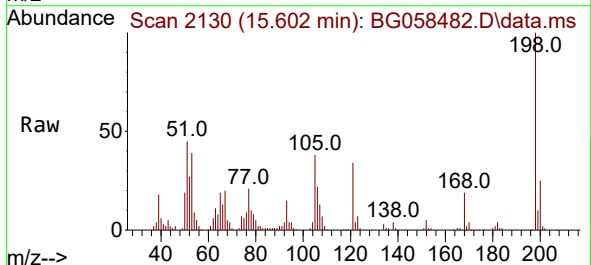


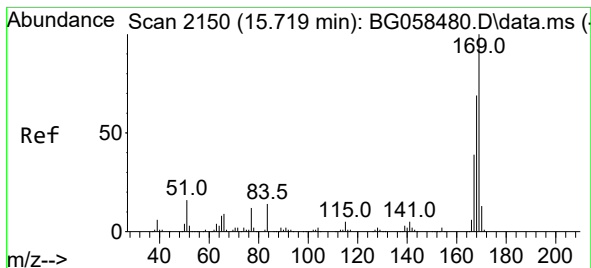
Tgt Ion:138 Resp: 205
Ion Ratio Lower Upper
138 100
92 55.8 45.0 67.4
108 80.0 60.8 91.2



#66
4,6-Dinitro-2-methylphenol
Concen: 19.500 ng/ul
RT: 15.602 min Scan# 2130
Delta R.T. 0.005 min
Lab File: BG058482.D
Acq: 26 Jul 2023 17:09

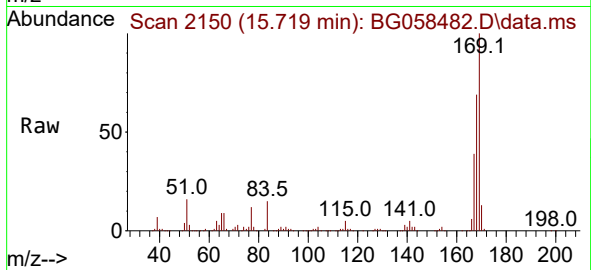
Tgt Ion:198 Resp: 69787
Ion Ratio Lower Upper
198 100
182 3.8 3.4 5.2
77 21.4 18.4 27.6



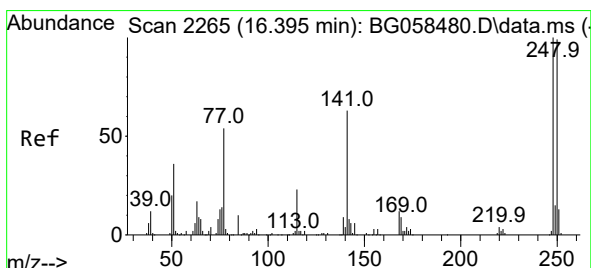
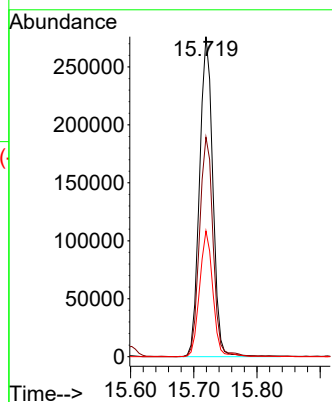
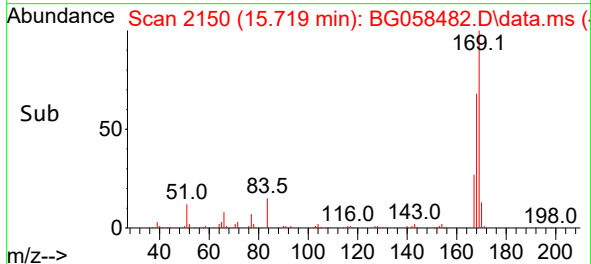


#67
N-Nitrosodiphenylamine
Concen: 23.794 ng/ul
RT: 15.719 min Scan# 2150
Delta R.T. -0.001 min
Lab File: BG058482.D
Acq: 26 Jul 2023 17:09

Instrument :
BNA_G
ClientSampleId :

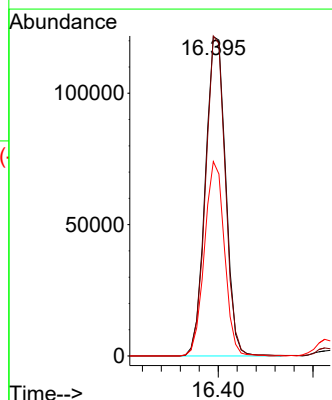
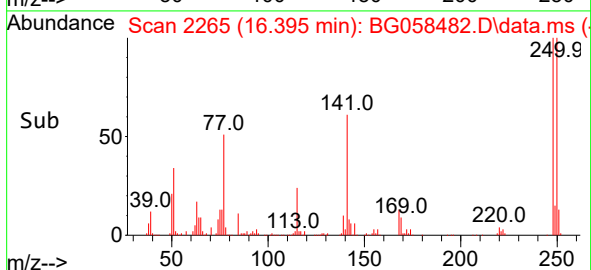
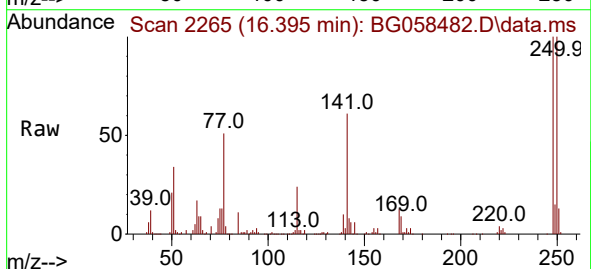


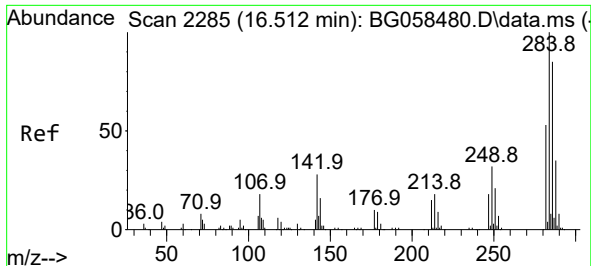
Tgt Ion:169 Resp: 402695
Ion Ratio Lower Upper
169 100
168 68.6 55.7 83.5
167 39.3 31.2 46.8



#68
4-Bromophenyl-phenylether
Concen: 24.911 ng/ul
RT: 16.395 min Scan# 2265
Delta R.T. -0.007 min
Lab File: BG058482.D
Acq: 26 Jul 2023 17:09

Tgt Ion:248 Resp: 180151
Ion Ratio Lower Upper
248 100
250 100.2 73.8 110.6
141 60.8 48.2 72.2

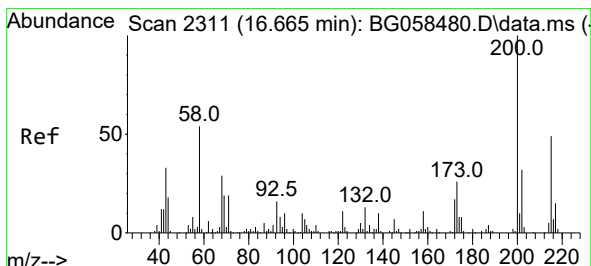
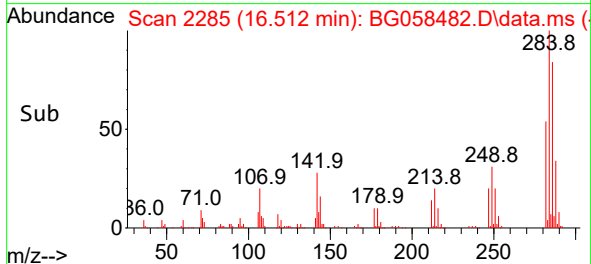
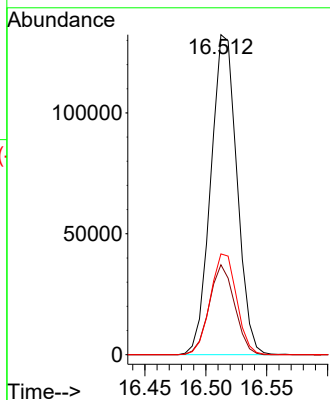
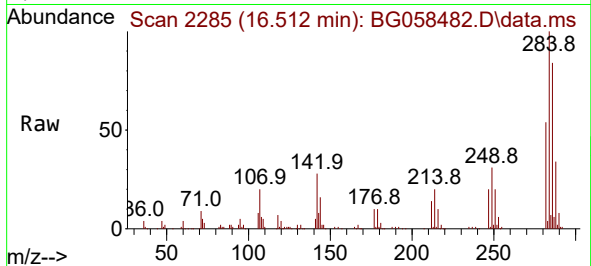




#69
Hexachlorobenzene
Concen: 24.269 ng/ul
RT: 16.512 min Scan# 211
Delta R.T. -0.007 min
Lab File: BG058482.D
Acq: 26 Jul 2023 17:09

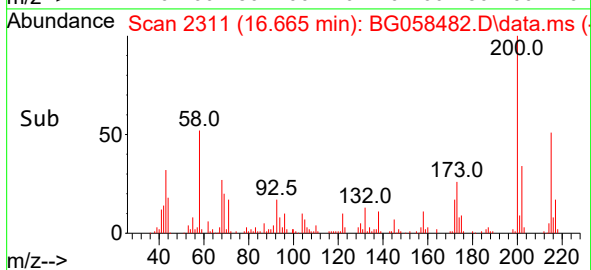
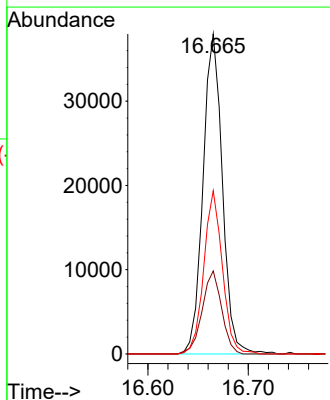
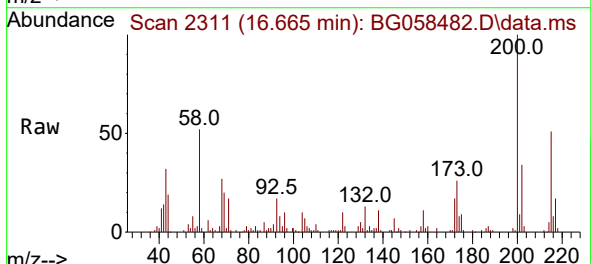
Instrument :
BNA_G
ClientSampleId :

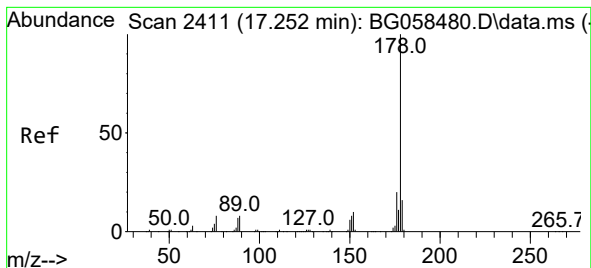
Tgt Ion:284 Resp: 198038
Ion Ratio Lower Upper
284 100
142 28.1 20.5 30.7
249 31.5 25.2 37.8



#70
Atrazine
Concen: 7.707 ng/ul
RT: 16.665 min Scan# 2311
Delta R.T. -0.001 min
Lab File: BG058482.D
Acq: 26 Jul 2023 17:09

Tgt Ion:200 Resp: 51137
Ion Ratio Lower Upper
200 100
173 26.0 19.8 29.8
215 51.0 36.2 54.4





#72

Phenanthrene

Concen: 21.230 ng/ul

RT: 17.341 min Scan# 2411

Delta R.T. 0.087 min

Lab File: BG058482.D

Acq: 26 Jul 2023 17:09

Instrument :

BNA_G

ClientSampleId :

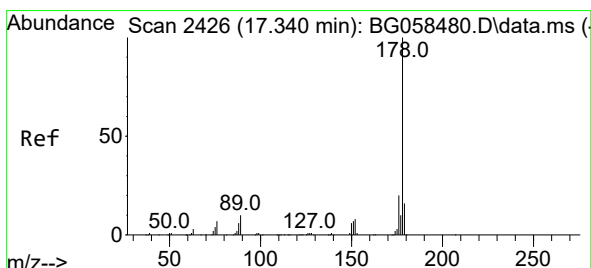
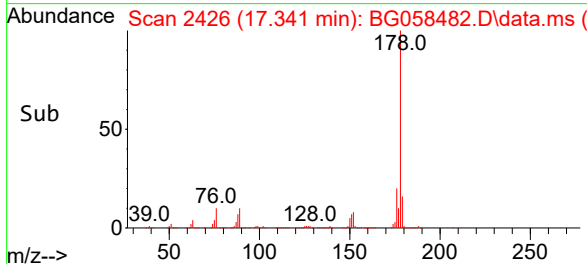
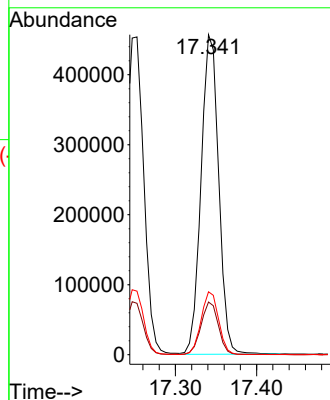
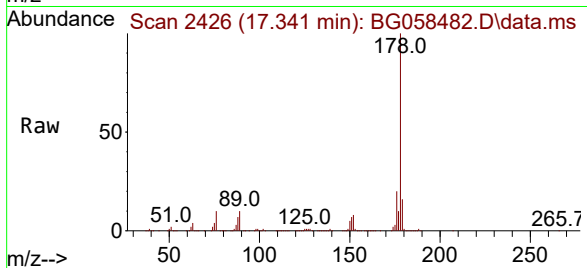
Tgt Ion:178 Resp: 688821

Ion Ratio Lower Upper

178 100

179 16.5 11.9 17.9

176 19.7 15.8 23.8



#74

Anthracene

Concen: 21.082 ng/ul

RT: 17.341 min Scan# 2426

Delta R.T. -0.001 min

Lab File: BG058482.D

Acq: 26 Jul 2023 17:09

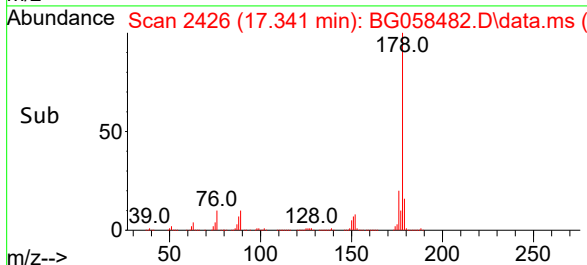
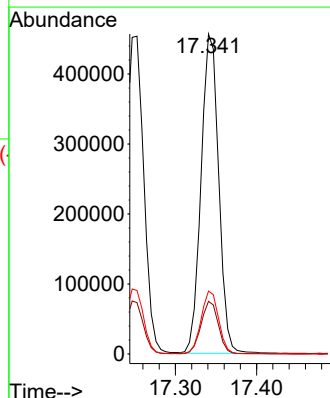
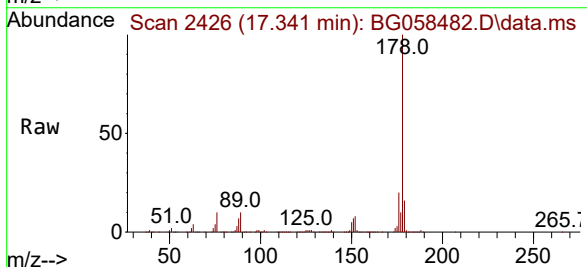
Tgt Ion:178 Resp: 686715

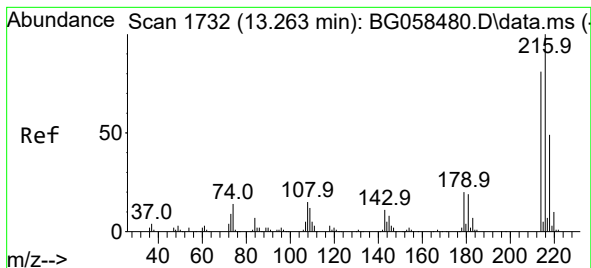
Ion Ratio Lower Upper

178 100

179 16.5 13.4 20.2

176 19.7 16.2 24.2

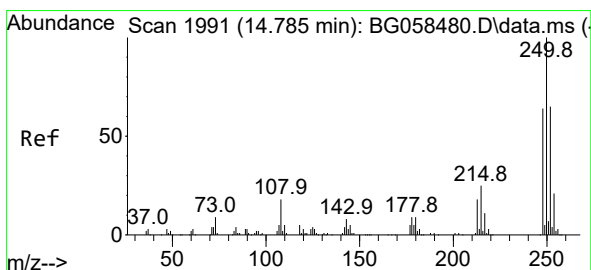
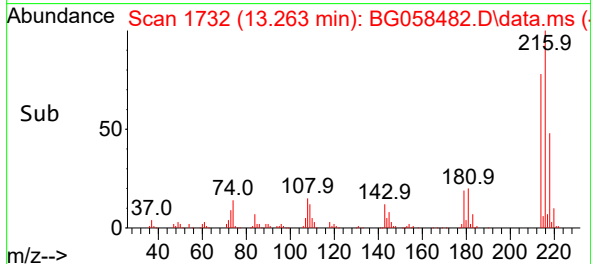
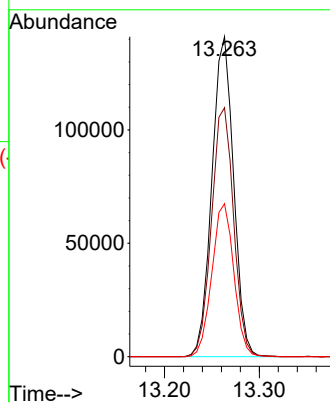
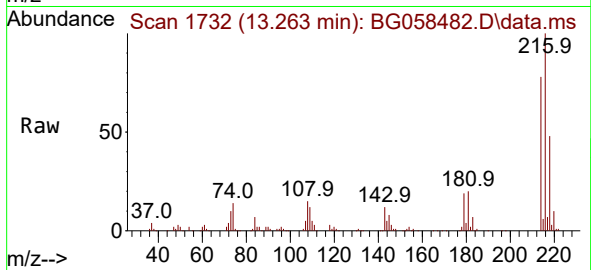




#75
1,2,3,4-Tetrachlorobenzene
Concen: 26.207 ng/uL
RT: 13.263 min Scan# 1732
Delta R.T. -0.001 min
Lab File: BG058482.D
Acq: 26 Jul 2023 17:09

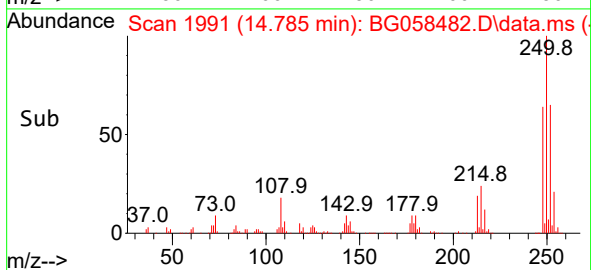
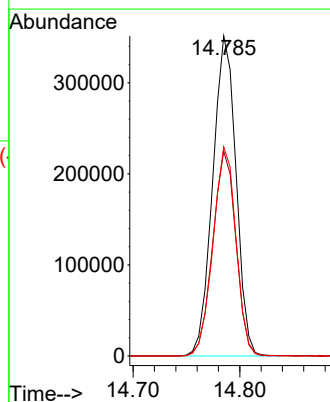
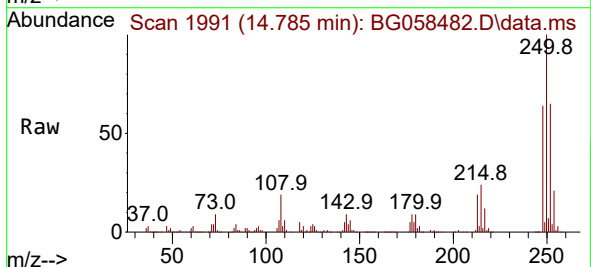
Instrument :
BNA_G
ClientSampleId :

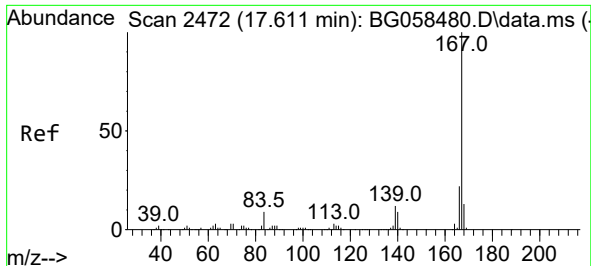
Tgt Ion:216 Resp: 224437
Ion Ratio Lower Upper
216 100
214 77.8 62.2 93.4
218 47.8 40.9 61.3



#76
Pentachlorobenzene
Concen: 56.914 ng/uL
RT: 14.785 min Scan# 1991
Delta R.T. -0.001 min
Lab File: BG058482.D
Acq: 26 Jul 2023 17:09

Tgt Ion:250 Resp: 533002
Ion Ratio Lower Upper
250 100
248 64.0 51.6 77.4
252 65.4 54.4 81.6

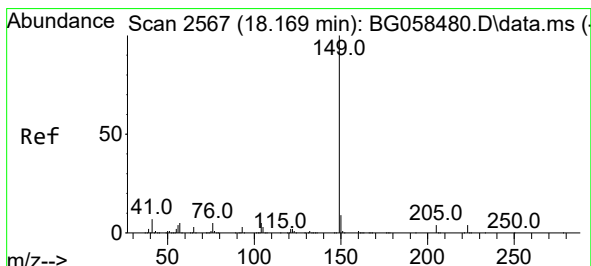
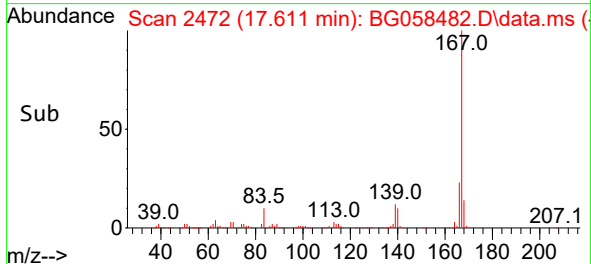
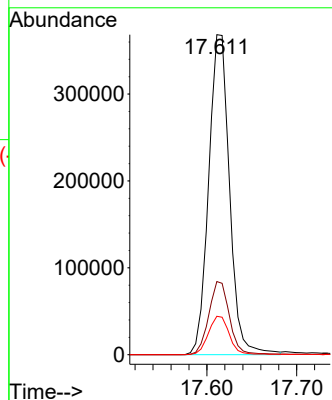
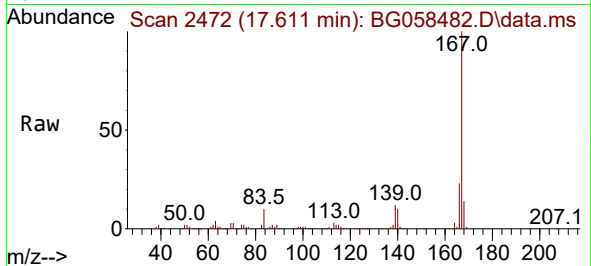




#77
 Carbazole
 Concen: 21.062 ng/ul
 RT: 17.611 min Scan# 2472
 Delta R.T. -0.007 min
 Lab File: BG058482.D
 Acq: 26 Jul 2023 17:09

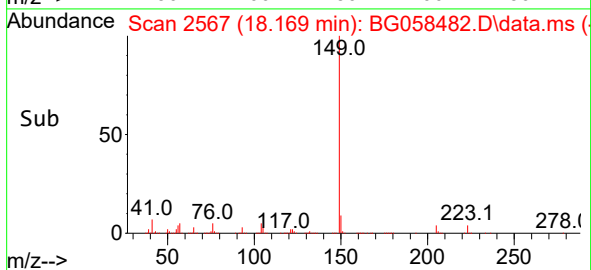
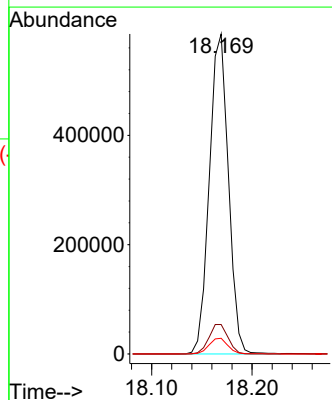
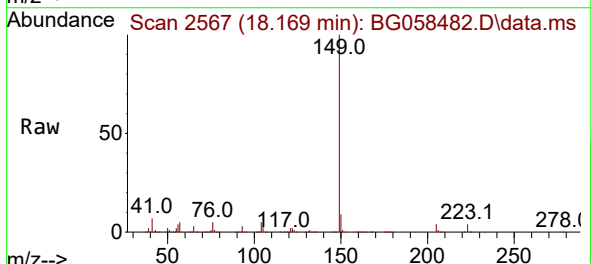
Instrument :
 BNA_G
 ClientSampleId :

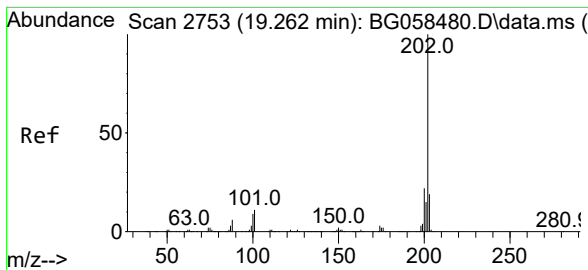
Tgt Ion:167 Resp: 594692
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.8 26.8
 139 12.0 9.4 14.0



#78
 Di-n-butylphthalate
 Concen: 21.511 ng/ul
 RT: 18.169 min Scan# 2567
 Delta R.T. -0.001 min
 Lab File: BG058482.D
 Acq: 26 Jul 2023 17:09

Tgt Ion:149 Resp: 771800
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.2 10.8
 104 4.9 3.9 5.9

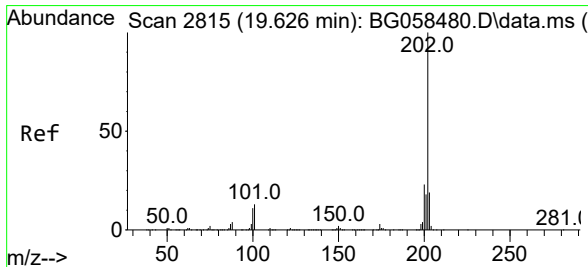
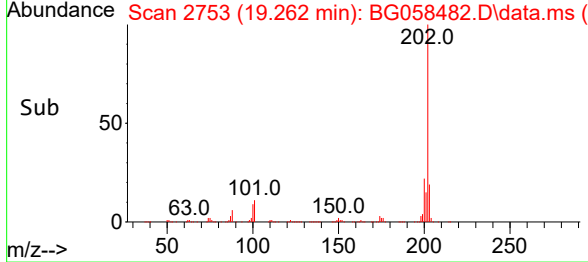
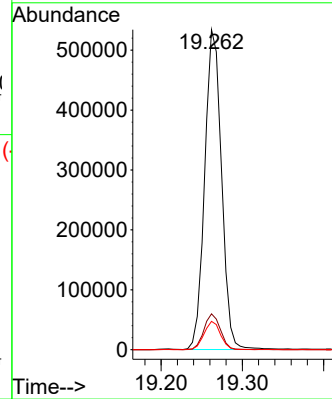
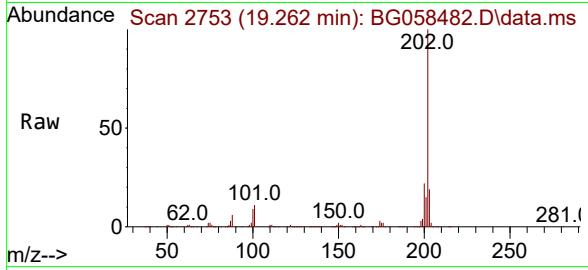




#80
Fluoranthene
Concen: 4564.546 ng/ul
RT: 19.262 min Scan# 2753
Delta R.T. -0.007 min
Lab File: BG058482.D
Acq: 26 Jul 2023 17:09

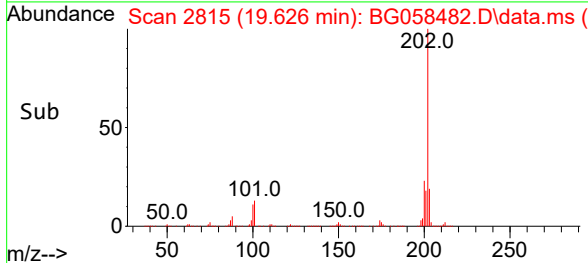
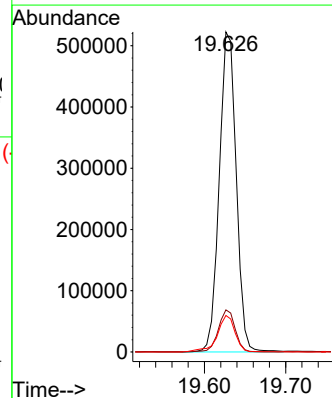
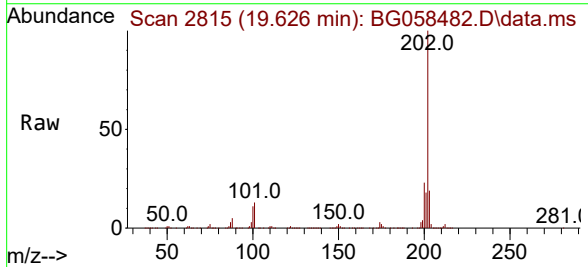
Instrument :
BNA_G
ClientSampleId :

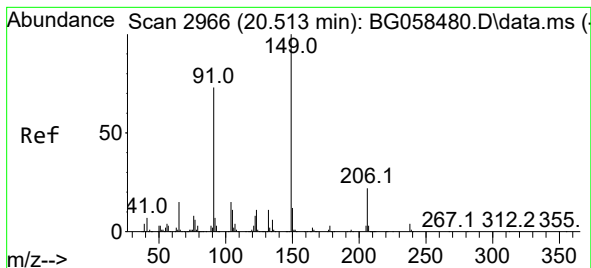
Tgt Ion:202 Resp: 767187
Ion Ratio Lower Upper
202 100
101 11.2 8.6 12.8
100 8.9 7.2 10.8



#82
Pyrene
Concen: 4456.866 ng/ul
RT: 19.626 min Scan# 2815
Delta R.T. -0.001 min
Lab File: BG058482.D
Acq: 26 Jul 2023 17:09

Tgt Ion:202 Resp: 759008
Ion Ratio Lower Upper
202 100
101 13.2 10.2 15.2
100 11.4 8.9 13.3





#83

Butylbenzylphthalate

Concen: 4860.298 ng/ul

RT: 20.514 min Scan# 2966

Delta R.T. -0.001 min

Lab File: BG058482.D

Acq: 26 Jul 2023 17:09

Instrument :

BNA_G

ClientSampleId :

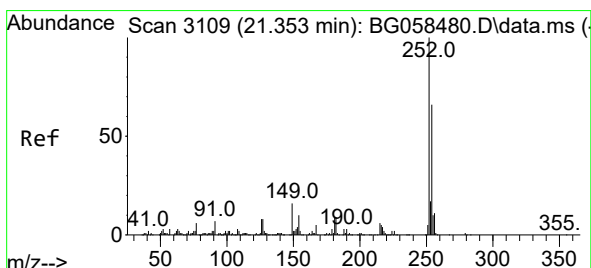
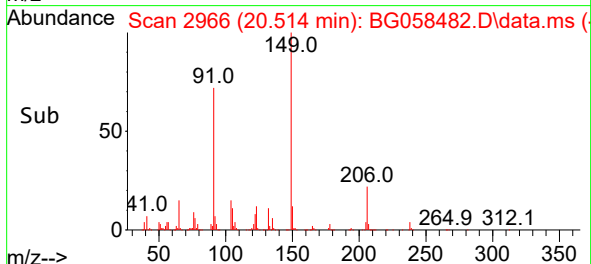
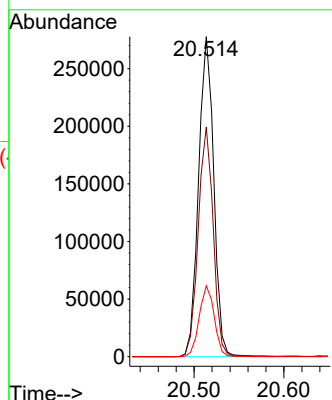
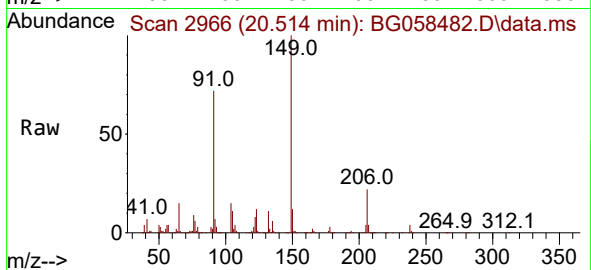
Tgt Ion:149 Resp: 325929

Ion Ratio Lower Upper

149 100

91 71.8 59.9 89.9

206 22.2 16.9 25.3



#84

3,3'-Dichlorobenzidine

Concen: 4627.149 ng/ul

RT: 21.348 min Scan# 3108

Delta R.T. -0.007 min

Lab File: BG058482.D

Acq: 26 Jul 2023 17:09

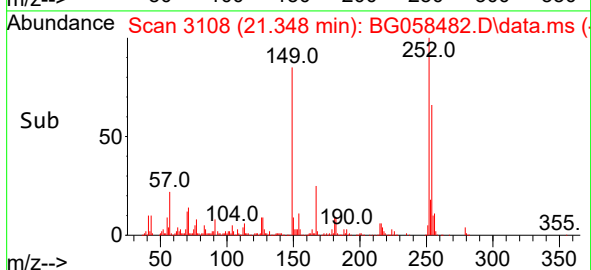
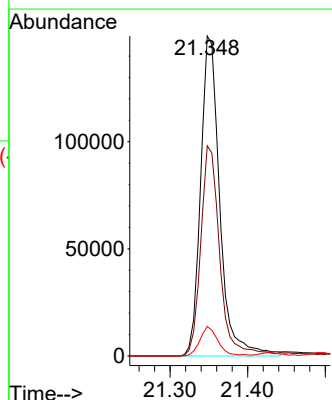
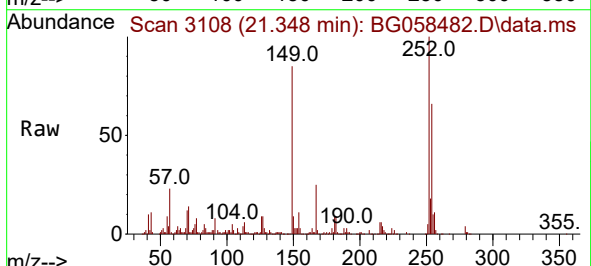
Tgt Ion:252 Resp: 256576

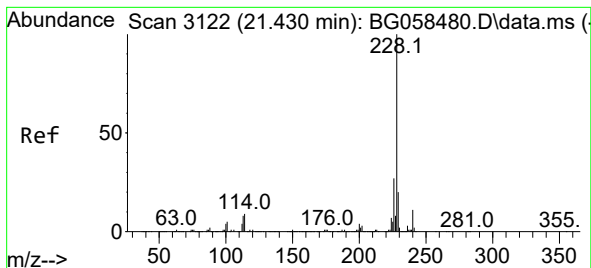
Ion Ratio Lower Upper

252 100

254 65.7 50.5 75.7

126 9.2 6.5 9.7





#85

Benzo(a)anthracene

Concen: 4701.290 ng/ul

RT: 21.430 min Scan# 3122

Delta R.T. -0.001 min

Lab File: BG058482.D

Acq: 26 Jul 2023 17:09

Instrument :

BNA_G

ClientSampleId :

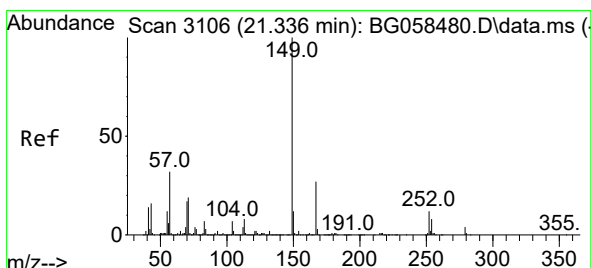
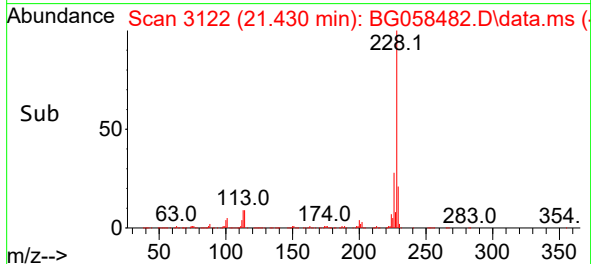
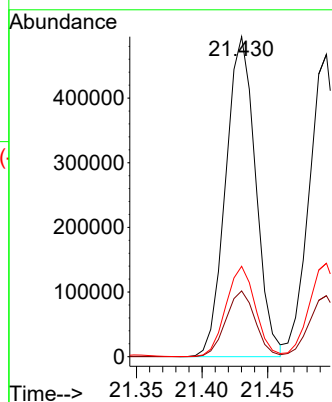
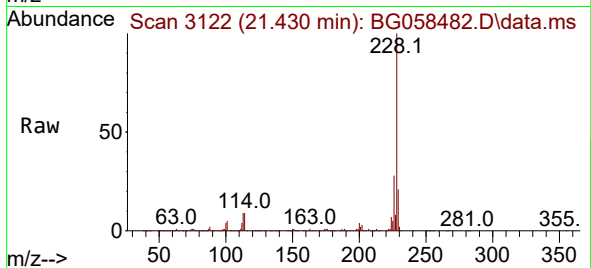
Tgt Ion:228 Resp: 784936

Ion Ratio Lower Upper

228 100

229 20.6 15.7 23.5

226 28.3 21.8 32.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 4845.000 ng/ul

RT: 21.336 min Scan# 3106

Delta R.T. -0.001 min

Lab File: BG058482.D

Acq: 26 Jul 2023 17:09

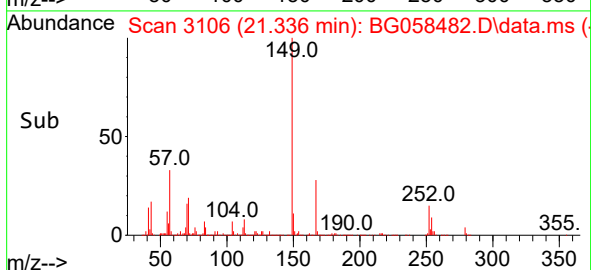
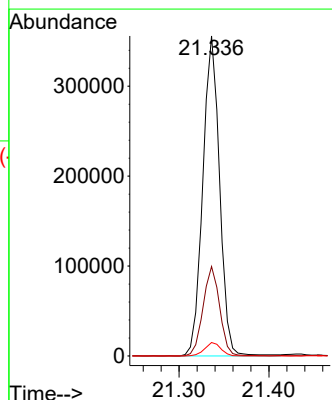
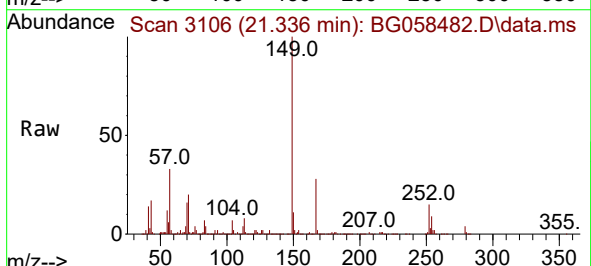
Tgt Ion:149 Resp: 462127

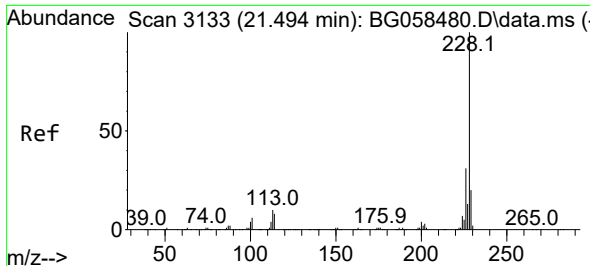
Ion Ratio Lower Upper

149 100

167 27.9 21.6 32.4

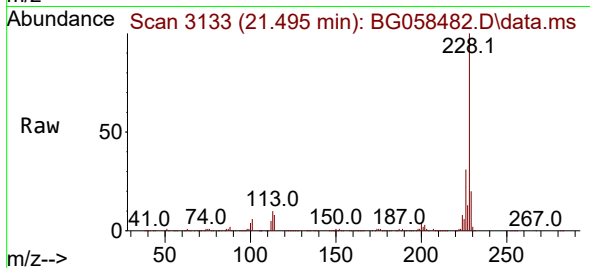
279 4.2 3.0 4.4



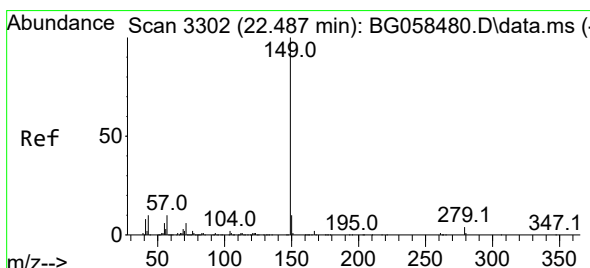
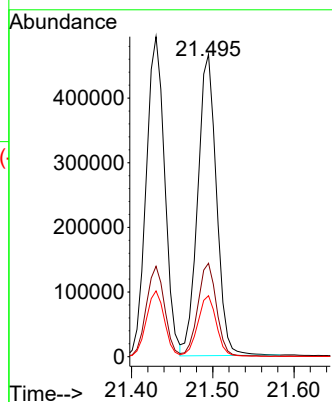
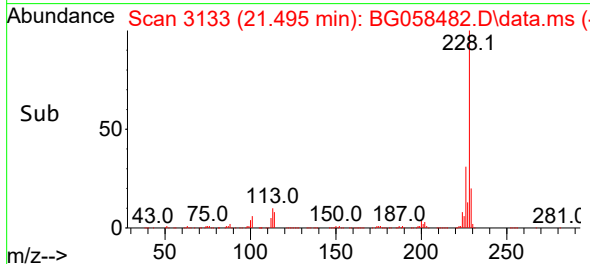


#87
Chrysene
Concen: 4709.434 ng/ul
RT: 21.495 min Scan# 3133
Delta R.T. -0.001 min
Lab File: BG058482.D
Acq: 26 Jul 2023 17:09

Instrument :
BNA_G
ClientSampleId :

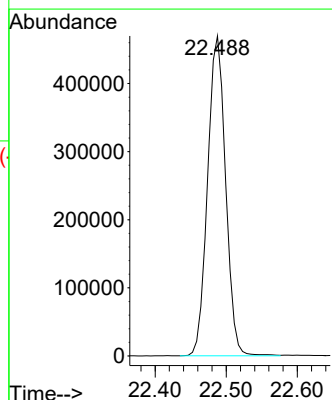
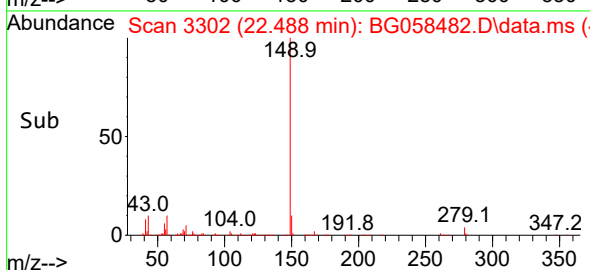
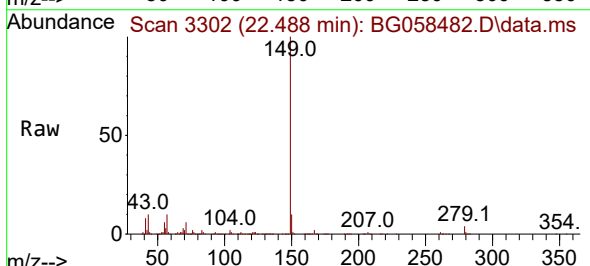


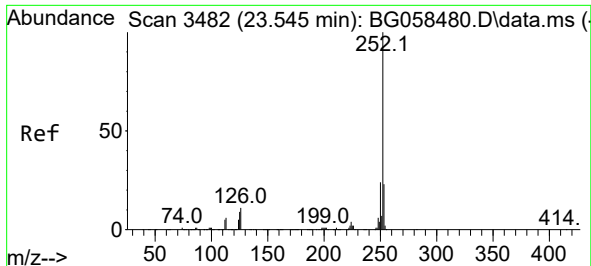
Tgt Ion:228 Resp: 745822
Ion Ratio Lower Upper
228 100
226 30.9 24.0 36.0
229 20.2 15.8 23.8



#89
Di-n-octyl phthalate
Concen: 61621.848 ng/ul
RT: 22.488 min Scan# 3302
Delta R.T. -0.001 min
Lab File: BG058482.D
Acq: 26 Jul 2023 17:09

Tgt Ion:149 Resp: 826239

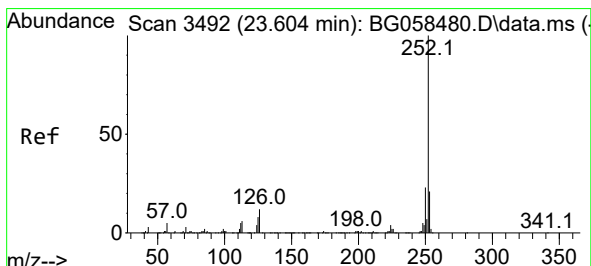
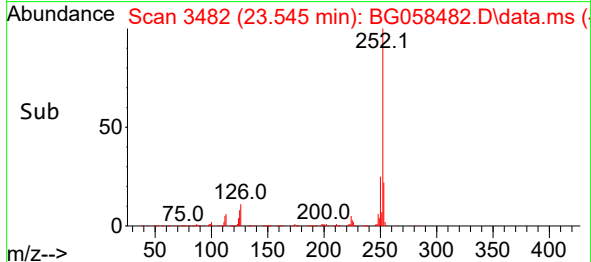
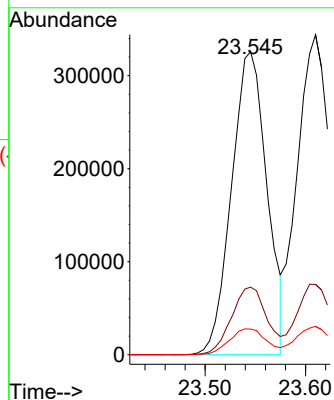
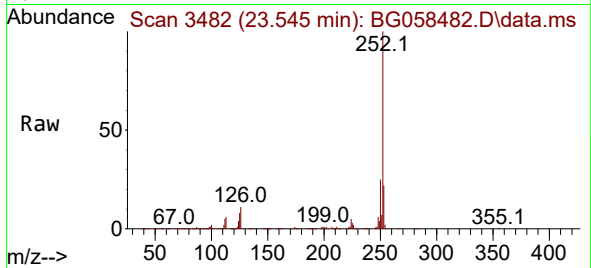




#90
Benzo(b)fluoranthene
Concen: 54743.042 ng/ul
RT: 23.545 min Scan# 3482
Delta R.T. -0.001 min
Lab File: BG058482.D
Acq: 26 Jul 2023 17:09

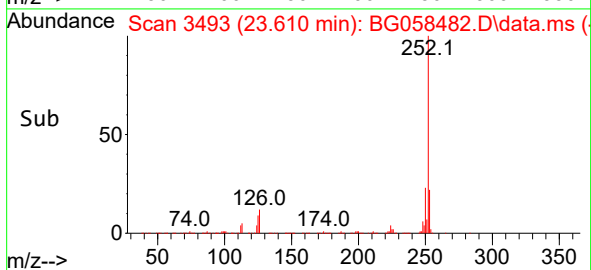
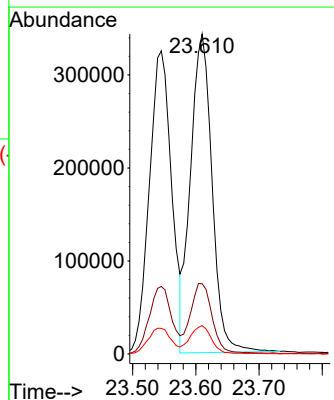
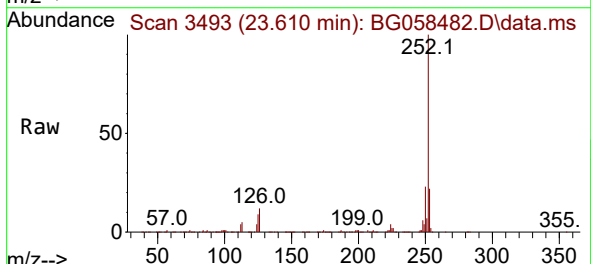
Instrument :
BNA_G
ClientSampleId :

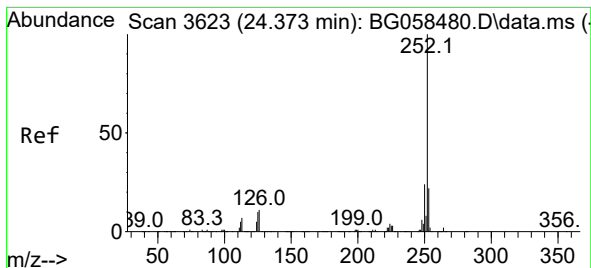
Tgt Ion:252 Resp: 798179
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 8.4 6.7 10.1



#91
Benzo(k)fluoranthene
Concen: 55849.370 ng/ul
RT: 23.610 min Scan# 3493
Delta R.T. -0.001 min
Lab File: BG058482.D
Acq: 26 Jul 2023 17:09

Tgt Ion:252 Resp: 812152
Ion Ratio Lower Upper
252 100
253 22.0 18.3 27.5
125 8.9 7.4 11.0





#93

Benzo(a)pyrene

Concen: 55471.774 ng/ul

RT: 24.374 min Scan# 3

Delta R.T. -0.001 min

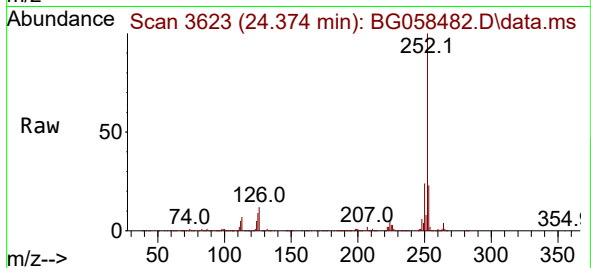
Lab File: BG058482.D

Acq: 26 Jul 2023 17:09

Instrument :

BNA_G

ClientSampleId :



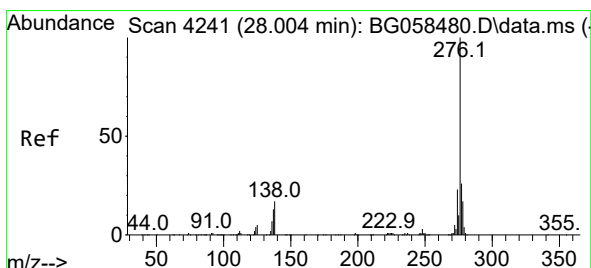
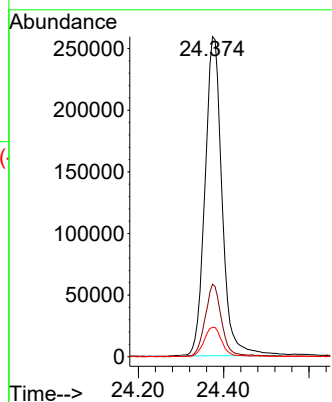
Tgt Ion:252 Resp: 719376

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.0

125 9.2 7.7 11.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 46878.336 ng/ul

RT: 28.017 min Scan# 4243

Delta R.T. 0.005 min

Lab File: BG058482.D

Acq: 26 Jul 2023 17:09

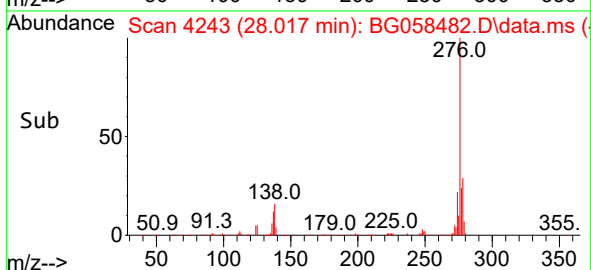
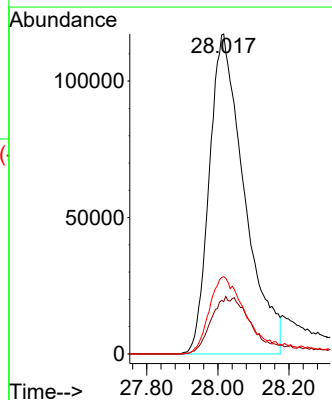
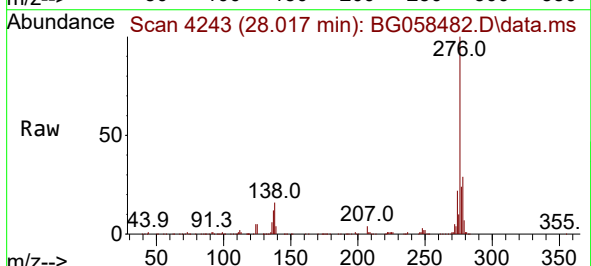
Tgt Ion:276 Resp: 800980

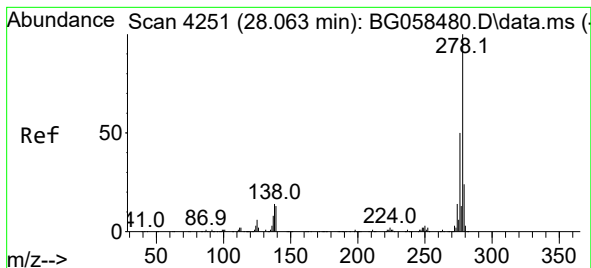
Ion Ratio Lower Upper

276 100

138 16.4 13.8 20.6

277 24.2 19.2 28.8





#95

Dibenzo(a,h)anthracene

Concen: 46087.047 ng/ul

RT: 28.069 min Scan# 41

Delta R.T. -0.001 min

Lab File: BG058482.D

Acq: 26 Jul 2023 17:09

Instrument :

BNA_G

ClientSampleId :

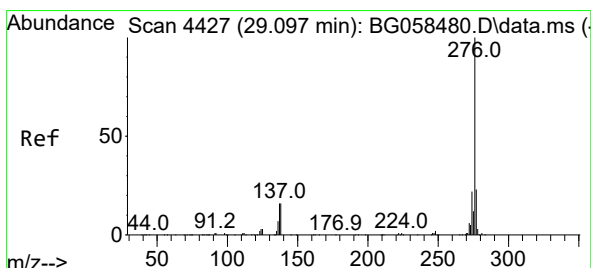
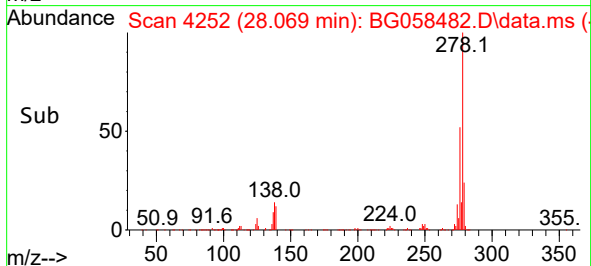
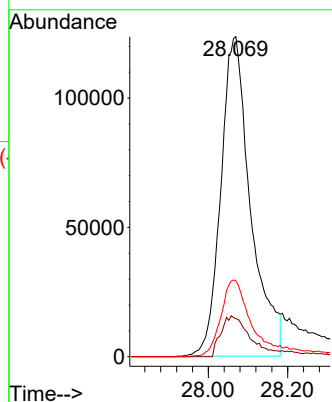
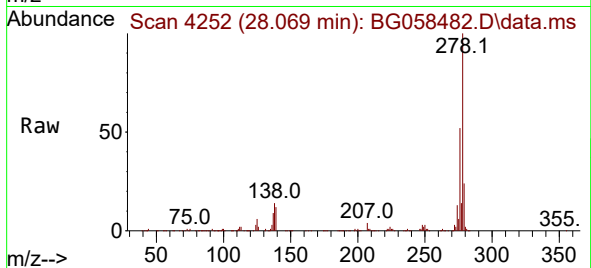
Tgt Ion:278 Resp: 645730

Ion Ratio Lower Upper

278 100

139 11.8 10.4 15.6

279 23.7 18.4 27.6



#96

Benzo(g,h,i)perylene

Concen: 40112.818 ng/ul

RT: 29.098 min Scan# 4427

Delta R.T. -0.013 min

Lab File: BG058482.D

Acq: 26 Jul 2023 17:09

Tgt Ion:276 Resp: 558412

Ion Ratio Lower Upper

276 100

138 18.0 13.5 20.3

277 24.1 19.4 29.2

