

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
 Data File : BG057228.D
 Acq On : 28 Apr 2023 22:13
 Operator : CG/JU
 Sample : 02417-25MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW906MSD

Quant Time: Apr 29 00:55:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 28 23:37:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.374	152	13698	20.000	ng/ul	0.00
20) Naphthalene-d8	11.217	136	61678	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.988	164	49432	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.726	188	113566	20.000	ng/ul	0.00
79) Chrysene-d12	22.038	240	95768	20.000	ng/ul	0.00
88) Perylene-d12	25.551	264	104293	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.657	96	830	2.666	ng/uL	0.00
4) Pyridine-d5	4.109	84	3352	3.416	ng/ul	0.00
7) Phenol-d5	7.510	99	24055	18.569	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.675	67	14827	19.460	ng/ul	0.00
11) 2-Chlorophenol-d4	7.904	132	17442	20.432	ng/ul	0.00
15) 4-Methylphenol-d8	9.073	113	17078	17.345	ng/ul	0.00
21) Nitrobenzene-d5	9.555	128	9533	19.408	ng/ul	0.00
24) 2-Nitrophenol-d4	10.283	143	11844	20.662	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.829	165	23079	20.868	ng/ul	0.00
31) 4-Chloroaniline-d4	11.340	131	21743	14.834	ng/ul	0.00
46) Dimethylphthalate-d6	14.378	166	79416	20.276	ng/ul	0.00
49) Acenaphthylene-d8	14.689	160	91539	20.794	ng/ul	0.00
54) 4-Nitrophenol-d4	15.171	143	6305	11.059	ng/ul	0.00
60) Fluorene-d10	15.975	176	76864	21.065	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.087	200	10584	15.730	ng/ul	0.00
73) Anthracene-d10	17.826	188	109494	21.123	ng/ul	0.00
81) Pyrene-d10	20.087	212	128651	22.632	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.304	264	116019	21.835	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.698	88	2203	6.673	ng/uL#	86
5) Pyridine	4.121	79	5343	5.165	ng/ul	90
6) Benzaldehyde	7.499	77	20005	50.562	ng/ul#	83
8) Phenol	7.540	94	32077	24.568	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.775	93	22126	22.642	ng/ul	99
12) 2-Chlorophenol	7.933	128	22415	24.998	ng/ul	92
13) 2-Methylphenol	8.809	108	20781	20.537	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.897	45	29939	23.763	ng/ul#	94
16) Acetophenone	9.202	105	44973	26.545	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.173	70	22965	23.588	ng/ul#	93
18) 4-Methylphenol	9.138	108	25005	22.830	ng/ul	89
19) Hexachloroethane	9.478	117	9427	25.128	ng/ul	97
22) Nitrobenzene	9.596	77	36324	24.835	ng/ul#	92
23) Isophorone	10.113	82	65720	23.616	ng/ul	98
25) 2-Nitrophenol	10.318	139	14453	24.893	ng/ul	96
26) 2,4-Dimethylphenol	10.359	107	9611	7.297	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.589	93	34261	23.685	ng/ul	99
29) 2,4-Dichlorophenol	10.853	162	27529	26.225	ng/ul	99
30) Naphthalene	11.264	128	82831	24.459	ng/ul#	97
32) 4-Chloroaniline	11.370	127	24991	16.363	ng/ul	97
33) Hexachlorobutadiene	11.540	225	23405	26.288	ng/ul	94
34) Caprolactam	12.116	113	8477	23.988	ng/ul	97
35) 4-Chloro-3-methylphenol	12.462	107	29771	24.649	ng/ul	96
36) 2-Methylnaphthalene	12.844	142	63822	25.699	ng/ul	99

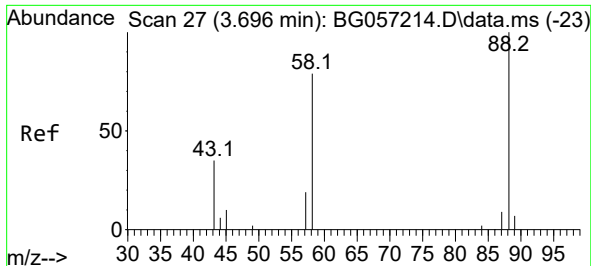
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.062	142	64408	25.793	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.203	216	46125	25.677	ng/ul	97
40) Hexachlorocyclopentadiene	13.179	237	11174	12.465	ng/ul	99
41) 2,4,6-Trichlorophenol	13.438	196	27845	26.615	ng/ul	100
42) 2,4,5-Trichlorophenol	13.438	196	20760	18.482	ng/ul	97
43) 1,1'-Biphenyl	13.825	154	91516	24.263	ng/ul	98
44) 2-Chloronaphthalene	13.878	162	72548	24.806	ng/ul	99
45) 2-Nitroaniline	14.072	65	22591	25.588	ng/ul	97
47) Dimethylphthalate	14.419	163	96126	24.439	ng/ul	100
48) 2,6-Dinitrotoluene	14.554	165	20237	25.000	ng/ul	95
50) Acenaphthylene	14.718	152	110481	24.696	ng/ul	99
51) 3-Nitroaniline	14.889	138	16461	28.700	ng/ul	97
52) Acenaphthene	15.053	153	77648	24.361	ng/ul	99
53) 2,4-Dinitrophenol	15.100	184	10109	23.451	ng/ul	95
55) 4-Nitrophenol	15.188	109	15552	24.063	ng/ul	98
56) Dibenzofuran	15.382	168	116302	25.268	ng/ul	97
57) 2,4-Dinitrotoluene	15.341	165	29983	25.874	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.611	232	26519	25.982	ng/ul	96
59) Diethylphthalate	15.770	149	98668	24.691	ng/ul	99
61) Fluorene	16.028	166	96869	24.889	ng/ul	99
62) 4-Chlorophenyl-phenyle...	16.011	204	57755	25.424	ng/ul	94
63) 4-Nitroaniline	16.040	138	17847	32.858	ng/ul	97
66) 4,6-Dinitro-2-methylph...	16.105	198	18029	26.295	ng/ul	95
67) N-Nitrosodiphenylamine	16.222	169	80947	27.286	ng/ul	99
68) 4-Bromophenyl-phenylether	16.904	248	36839	27.140	ng/ul	95
69) Hexachlorobenzene	17.033	284	39893	27.910	ng/ul	97
70) Atrazine	17.150	200	27649	20.971	ng/ul	95
71) Pentachlorophenol	17.379	266	11297	17.099	ng/ul	96
72) Phenanthrene	17.773	178	180126	30.458	ng/ul	99
74) Anthracene	17.861	178	151199	25.452	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.802	216	47447	27.777	ng/uL	98
76) Pentachlorobenzene	15.306	250	49480	28.458	ng/uL	94
77) Carbazole	18.125	167	129956	26.177	ng/ul	99
78) Di-n-butylphthalate	18.642	149	151414	26.672	ng/ul	99
80) Fluoranthene	19.759	202	241527	35.768	ng/ul	98
82) Pyrene	20.117	202	236729	34.631	ng/ul	97
83) Butylbenzylphthalate	20.969	149	59476	27.169	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.914	252	36446	17.136	ng/ul	97
85) Benzo(a)anthracene	22.014	228	216311	31.936	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.862	149	87007	27.327	ng/ul	96
87) Chrysene	22.091	228	204976	32.076	ng/ul	97
89) Di-n-octyl phthalate	23.166	149	145631	25.286	ng/ul	100
90) Benzo(b)fluoranthene	24.423	252	227554	31.508	ng/ul	98
91) Benzo(k)fluoranthene	24.493	252	201172	28.631	ng/ul	99
93) Benzo(a)pyrene	25.386	252	191641	30.736	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.592	276	238081	30.546	ng/ul	96
95) Dibenzo(a,h)anthracene	29.657	278	182885	28.298	ng/ul	96
96) Benzo(g,h,i)perylene	30.873	276	159595	25.301	ng/ul	97

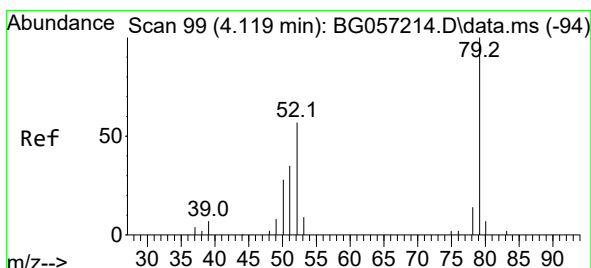
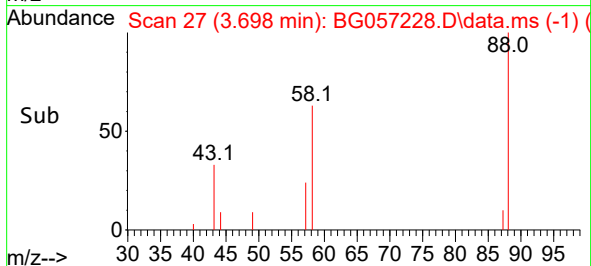
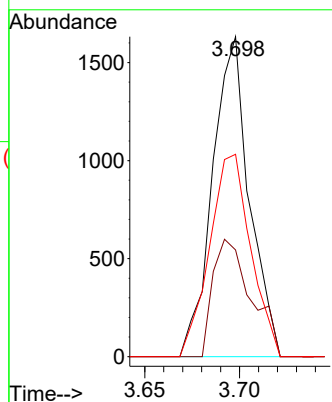
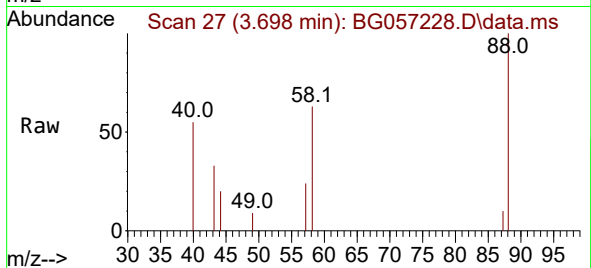
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#2
1,4-Dioxane
Concen: 6.673 ng/uL
RT: 3.698 min Scan# 21
Delta R.T. 0.002 min
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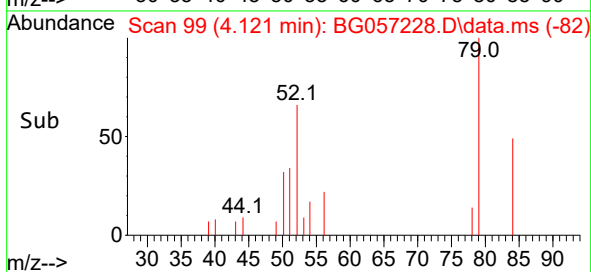
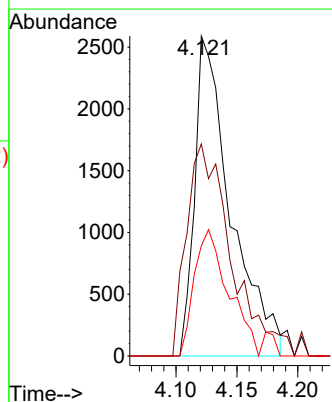
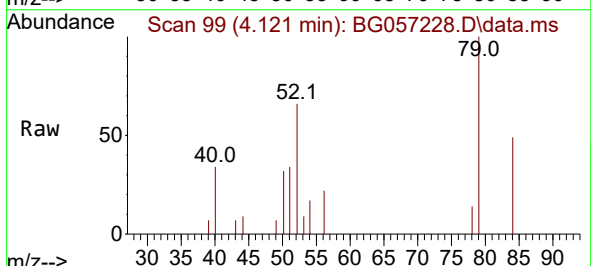
Instrument :
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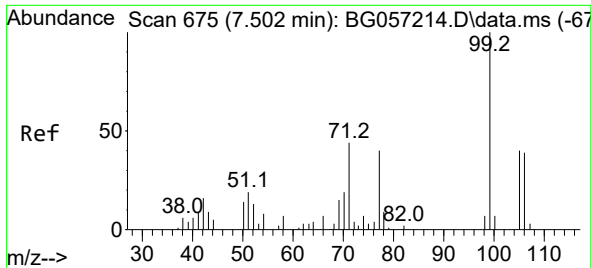
Tgt Ion: 88 Resp: 2203
Ion Ratio Lower Upper
88 100
43 33.3 28.2 42.4
58 63.2 63.3 94.9#



#5
Pyridine
Concen: 5.165 ng/uL
RT: 4.121 min Scan# 99
Delta R.T. 0.002 min
Lab File: BG057228.D
Acq: 28 Apr 2023 22:13

Tgt Ion: 79 Resp: 5343
Ion Ratio Lower Upper
79 100
52 66.3 62.4 93.6
51 34.4 29.0 43.4

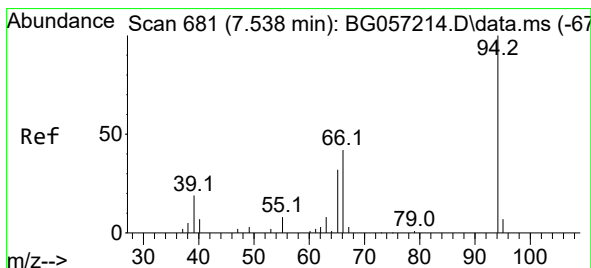
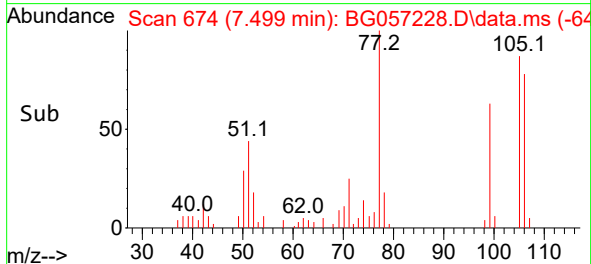
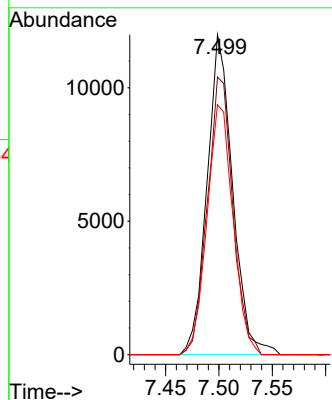
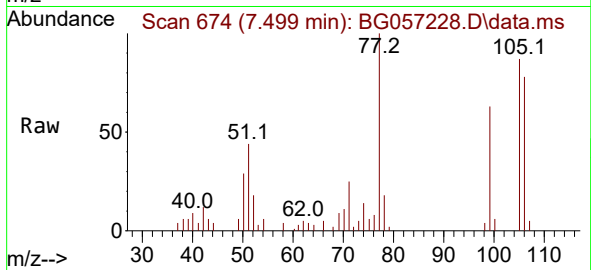




#6
Benzaldehyde
Concen: 50.562 ng/ul
RT: 7.499 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG057228.D
Acq: 28 Apr 2023 22:13

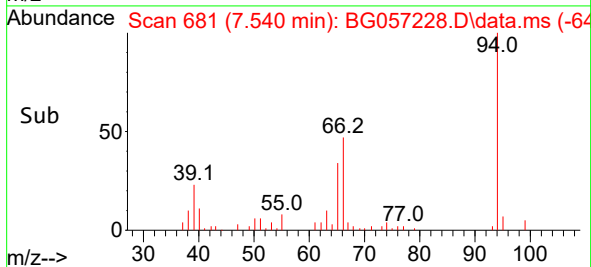
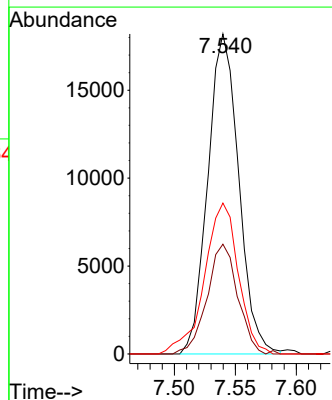
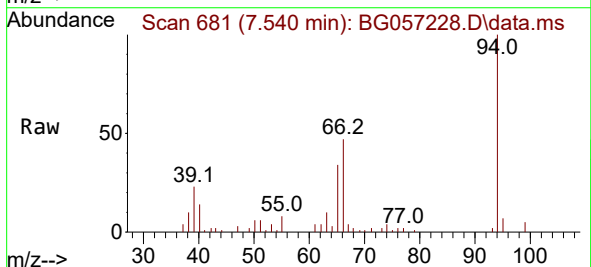
Instrument :
BNA_G
ClientSampleId :
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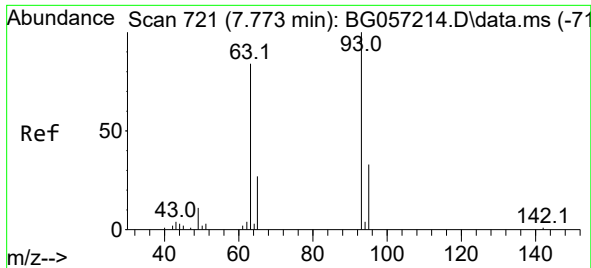
Tgt Ion: 77 Resp: 20005
Ion Ratio Lower Upper
77 100
105 86.8 79.8 119.6
106 78.1 78.7 118.1#



#8
Phenol
Concen: 24.568 ng/ul
RT: 7.540 min Scan# 681
Delta R.T. 0.002 min
Lab File: BG057228.D
Acq: 28 Apr 2023 22:13

Tgt Ion: 94 Resp: 32077
Ion Ratio Lower Upper
94 100
65 34.3 25.5 38.3
66 47.2 36.9 55.3

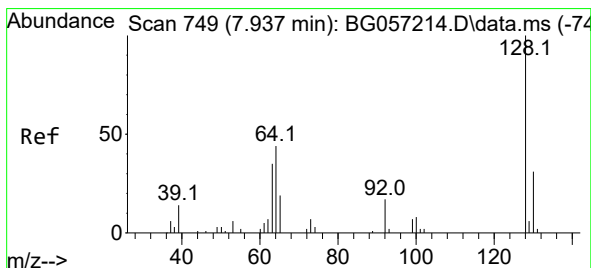
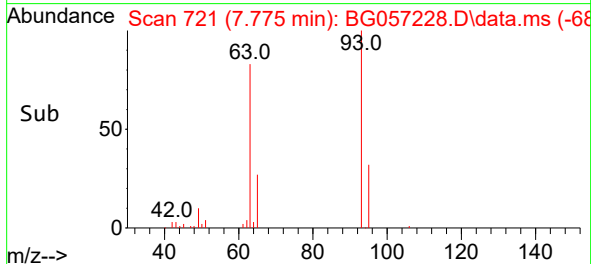
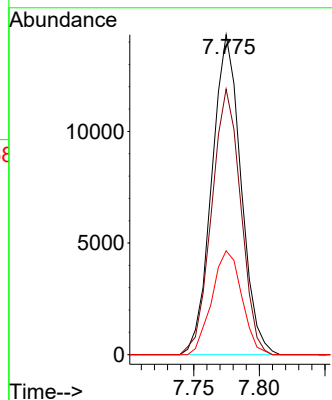
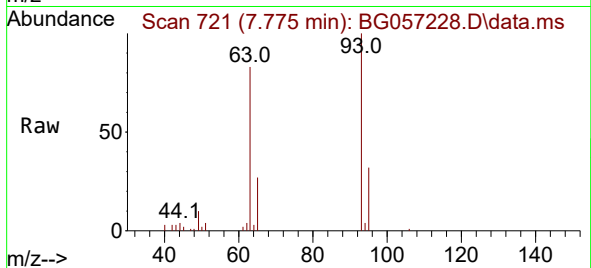




#10
Bis(2-Chloroethyl)ether
Concen: 22.642 ng/ul
RT: 7.775 min Scan# 71
Delta R.T. 0.002 min
Lab File: BG057228.D
Acq: 28 Apr 2023 22:13

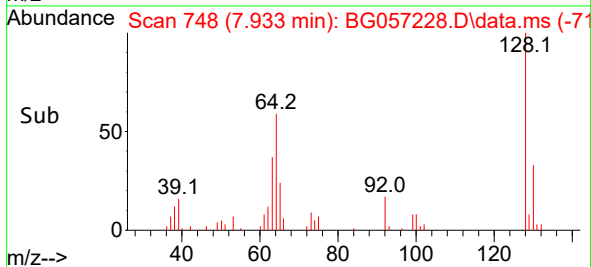
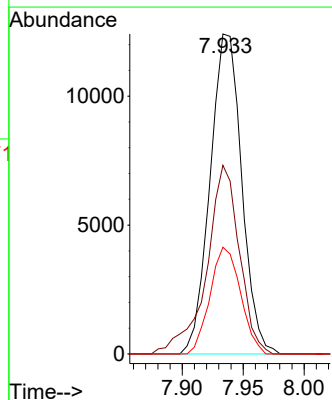
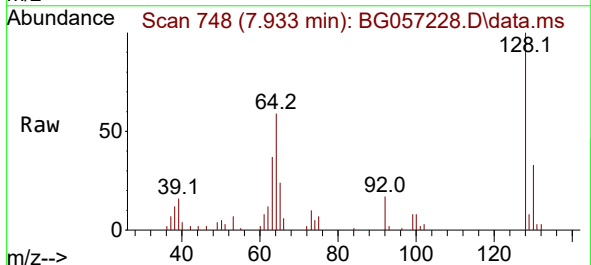
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ClientSampleId :
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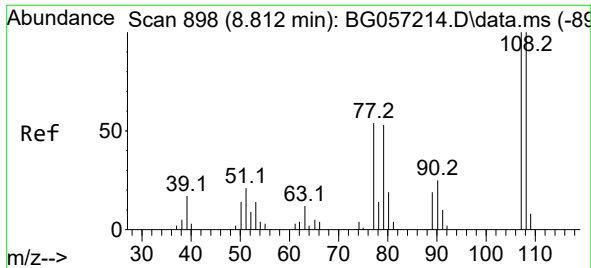
Tgt Ion: 93 Resp: 22126
Ion Ratio Lower Upper
93 100
63 83.0 67.2 100.8
95 32.5 26.3 39.5



#12
2-Chlorophenol
Concen: 24.998 ng/ul
RT: 7.933 min Scan# 748
Delta R.T. -0.004 min
Lab File: BG057228.D
Acq: 28 Apr 2023 22:13

Tgt Ion:128 Resp: 22415
Ion Ratio Lower Upper
128 100
64 58.9 41.3 61.9
130 33.3 24.6 37.0

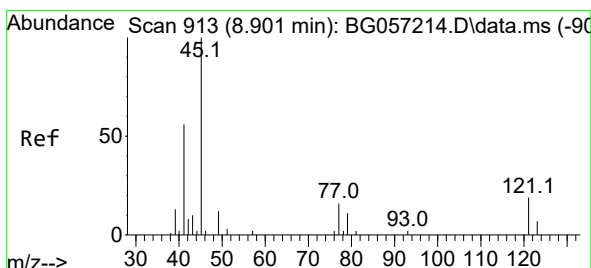
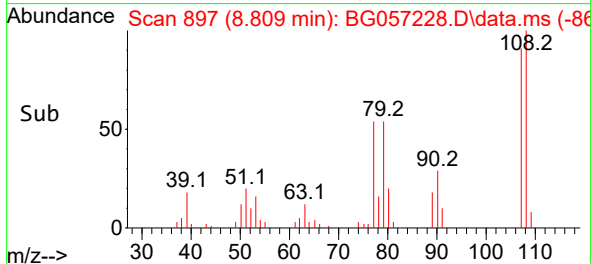
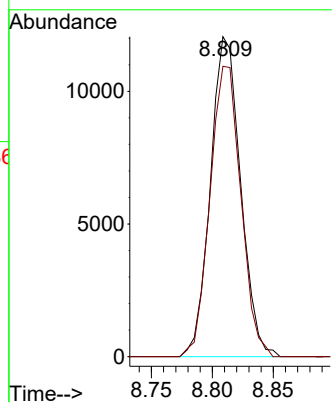
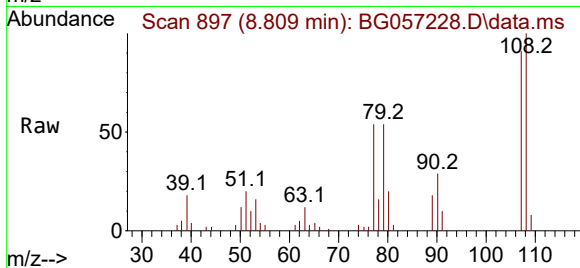




#13
2-Methylphenol
Concen: 20.537 ng/ul
RT: 8.809 min Scan# 897
Delta R.T. -0.004 min
Lab File: BG057228.D
Acq: 28 Apr 2023 22:13

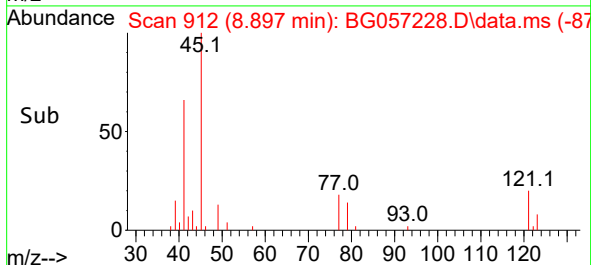
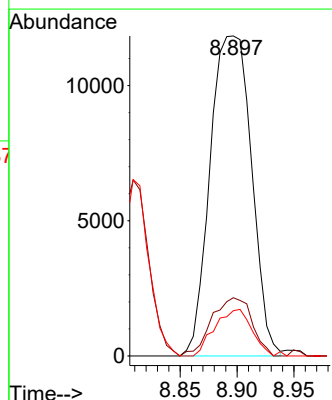
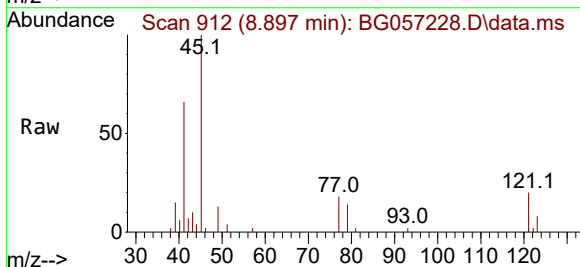
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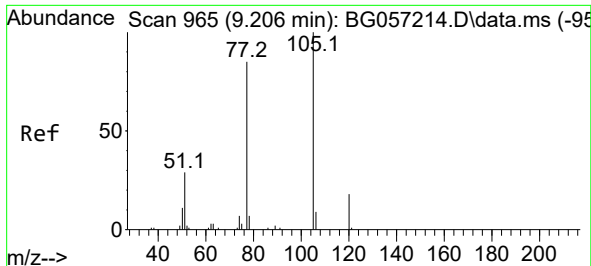
Tgt Ion:108 Resp: 20781
Ion Ratio Lower Upper
108 100
107 90.7 80.0 120.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 23.763 ng/ul
RT: 8.897 min Scan# 912
Delta R.T. -0.004 min
Lab File: BG057228.D
Acq: 28 Apr 2023 22:13

Tgt Ion: 45 Resp: 29939
Ion Ratio Lower Upper
45 100
77 18.2 12.9 19.3
79 14.2 8.9 13.3#

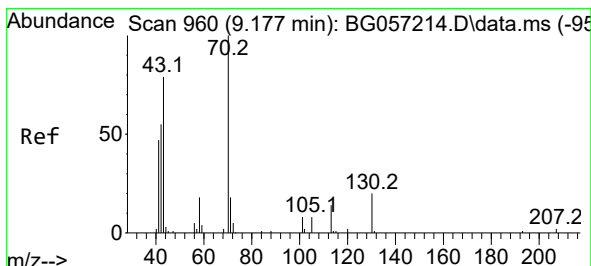
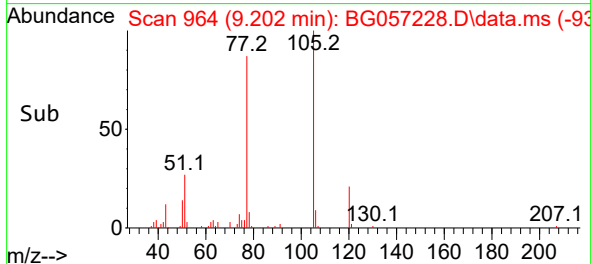
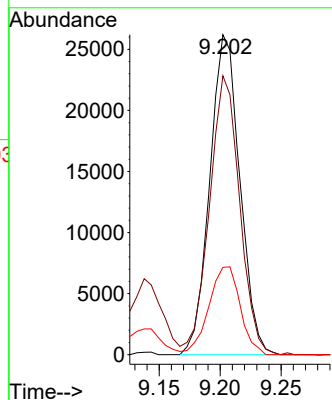
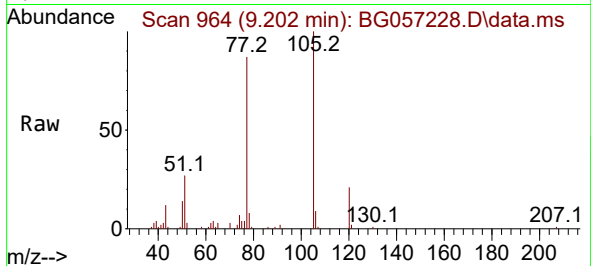




#16
Acetophenone
Concen: 26.545 ng/ul
RT: 9.202 min Scan# 90
Delta R.T. -0.004 min
Lab File: BG057228.D
Acq: 28 Apr 2023 22:13

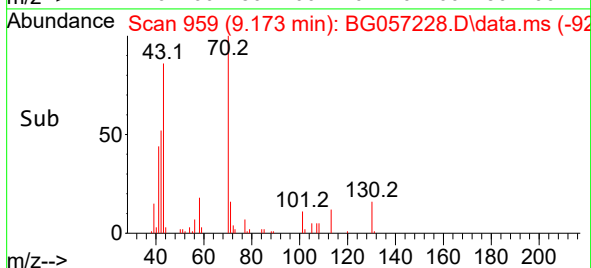
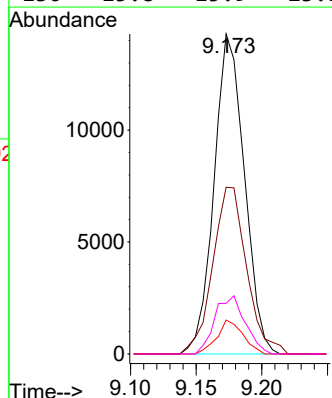
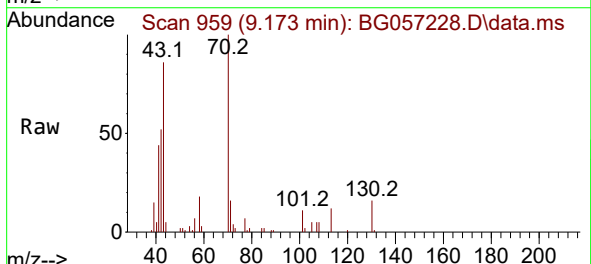
Instrument :
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ClientSampleId :
EW906MSD

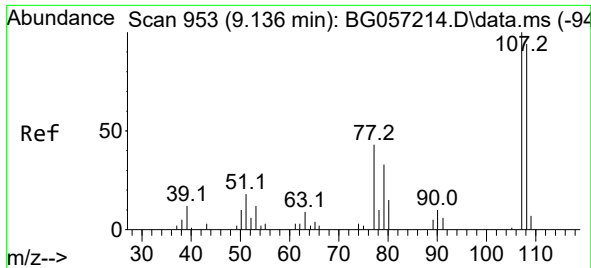
Tgt Ion:105 Resp: 44973
Ion Ratio Lower Upper
105 100
77 87.1 70.6 105.8
51 27.3 24.5 36.7



#17
N-Nitroso-di-n-propylamine
Concen: 23.588 ng/ul
RT: 9.173 min Scan# 959
Delta R.T. -0.004 min
Lab File: BG057228.D
Acq: 28 Apr 2023 22:13

Tgt Ion: 70 Resp: 22965
Ion Ratio Lower Upper
70 100
42 52.1 45.0 67.4
101 10.6 6.5 9.7#
130 15.8 15.9 23.9#

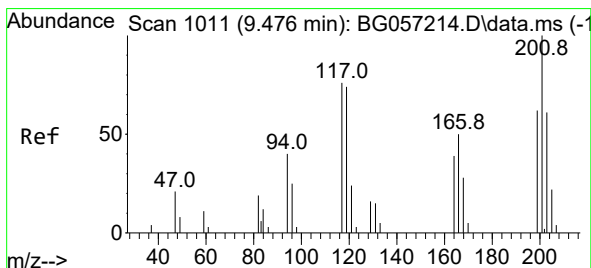
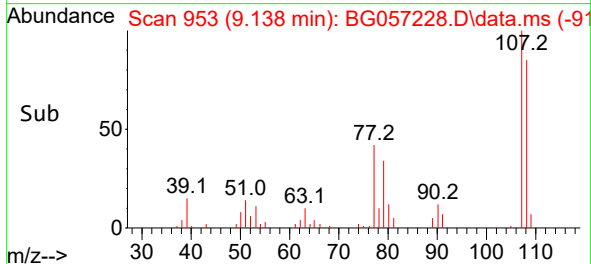
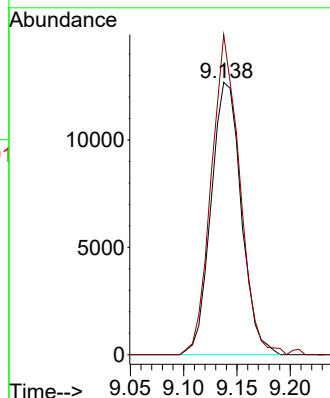
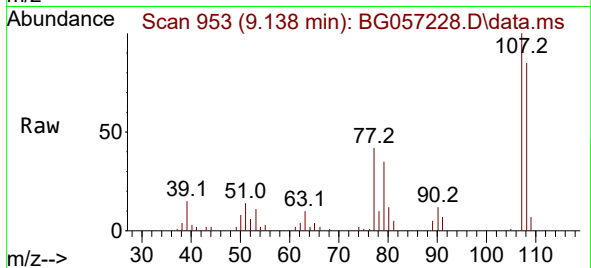




#18
4-Methylphenol
Concen: 22.830 ng/ul
RT: 9.138 min Scan# 91
Delta R.T. 0.002 min
Lab File: BG057228.D
Acq: 28 Apr 2023 22:13

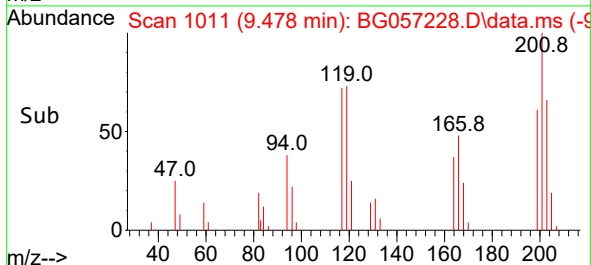
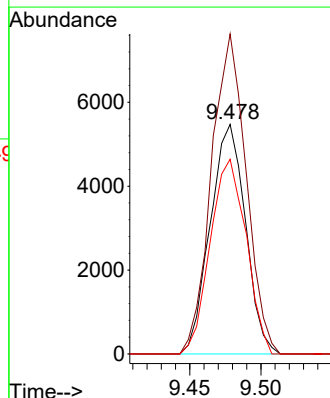
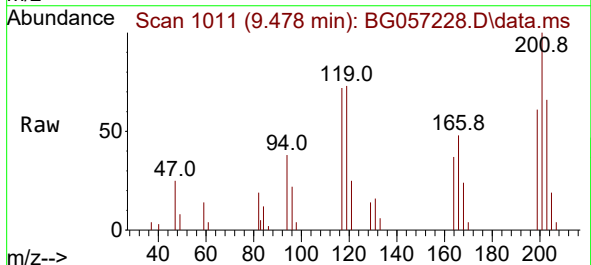
Instrument :
BNA_G
ClientSampleId :
EW906MSD

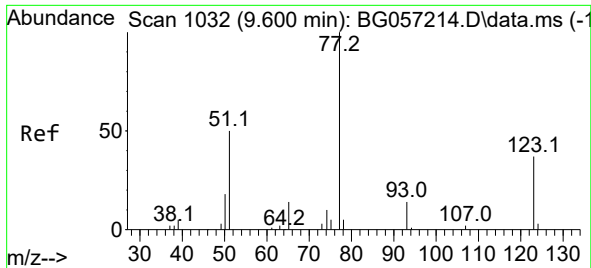
Tgt Ion:108 Resp: 25005
Ion Ratio Lower Upper
108 100
107 117.5 85.1 127.7



#19
Hexachloroethane
Concen: 25.128 ng/ul
RT: 9.478 min Scan# 1011
Delta R.T. 0.002 min
Lab File: BG057228.D
Acq: 28 Apr 2023 22:13

Tgt Ion:117 Resp: 9427
Ion Ratio Lower Upper
117 100
201 139.4 109.4 164.2
199 84.8 65.4 98.2

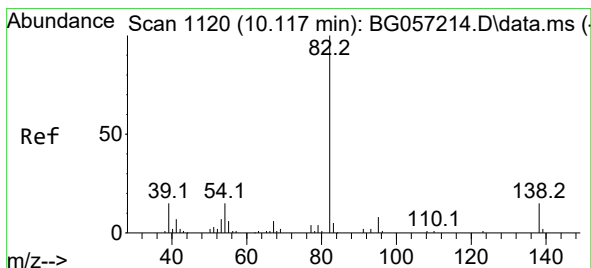
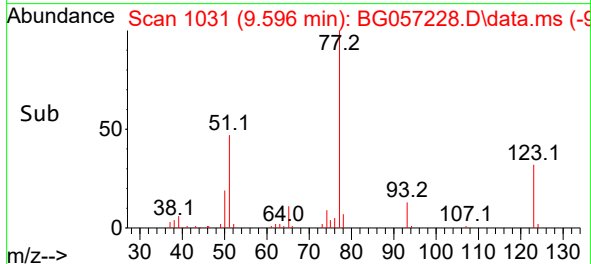
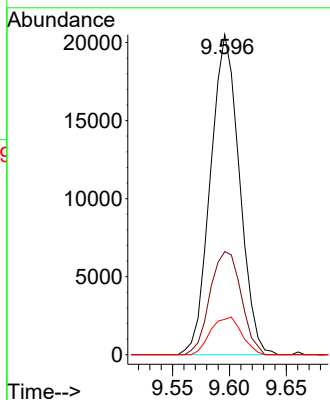
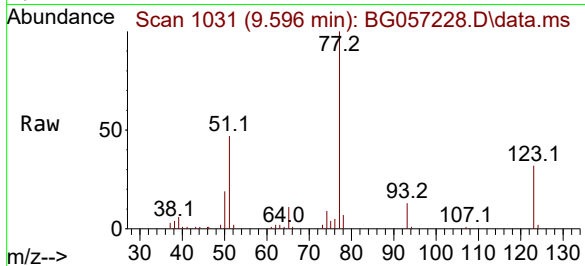




#22
Nitrobenzene
Concen: 24.835 ng/ul
RT: 9.596 min Scan# 1119
Delta R.T. -0.004 min
Lab File: BG057228.D
Acq: 28 Apr 2023 22:13

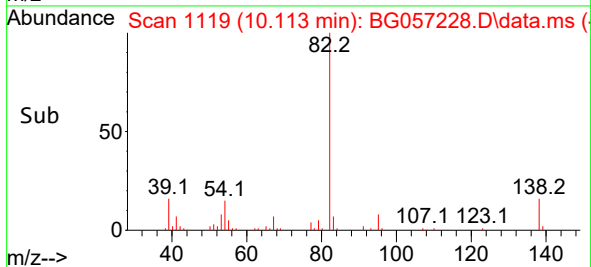
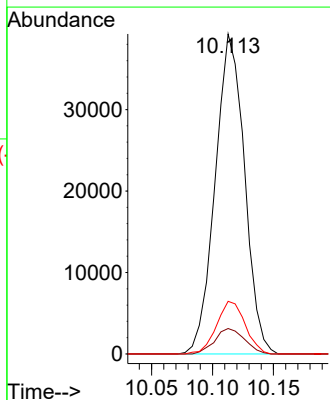
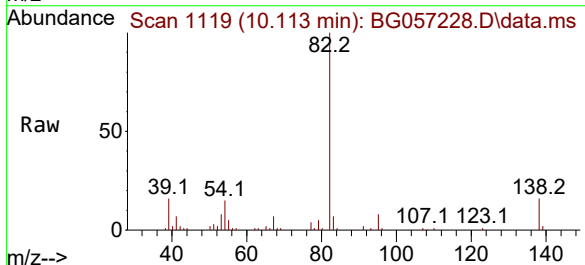
Instrument :
BNA_G
ClientSampleId :
EW906MSD

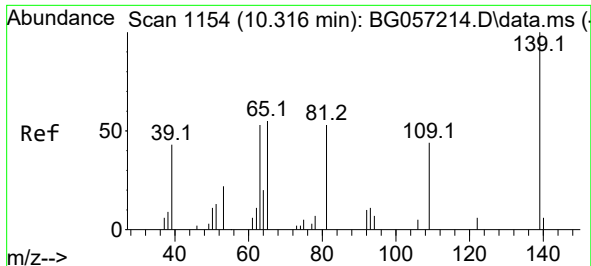
Tgt Ion: 77 Resp: 36324
Ion Ratio Lower Upper
77 100
123 32.2 29.6 44.4
65 11.0 11.4 17.0#



#23
Isophorone
Concen: 23.616 ng/ul
RT: 10.113 min Scan# 1119
Delta R.T. -0.004 min
Lab File: BG057228.D
Acq: 28 Apr 2023 22:13

Tgt Ion: 82 Resp: 65720
Ion Ratio Lower Upper
82 100
95 7.9 6.8 10.2
138 16.4 12.2 18.2

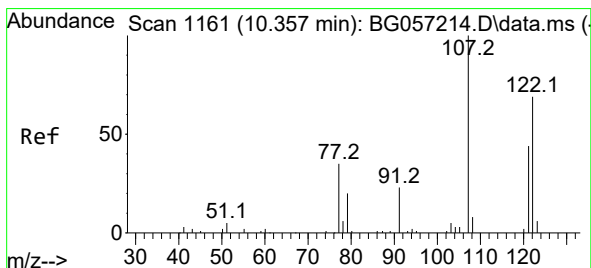
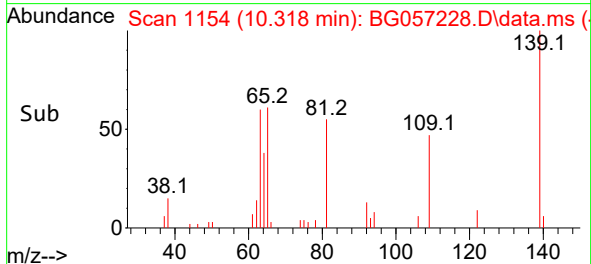
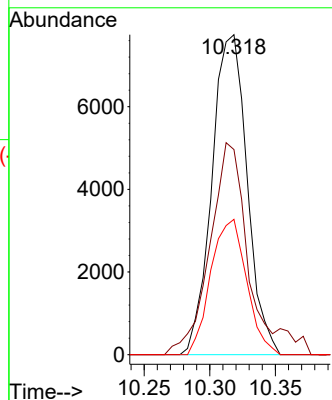
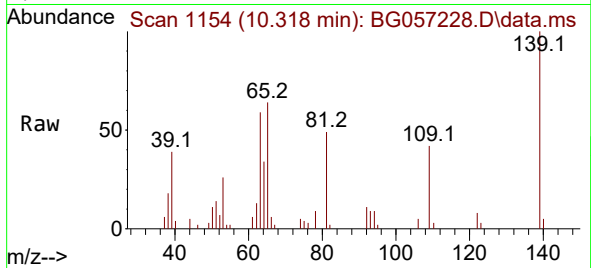




#25
2-Nitrophenol
Concen: 24.893 ng/ul
RT: 10.318 min Scan# 1154
Delta R.T. 0.002 min
Lab File: BG057228.D
Acq: 28 Apr 2023 22:13

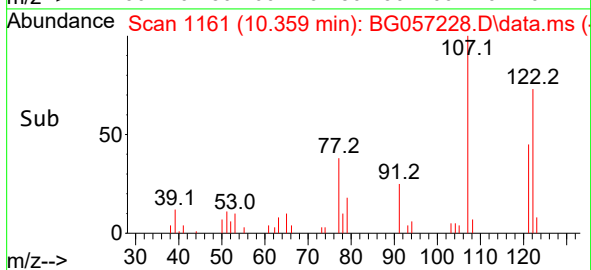
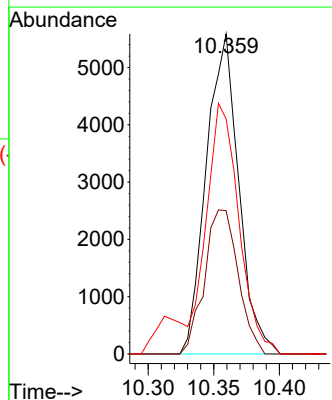
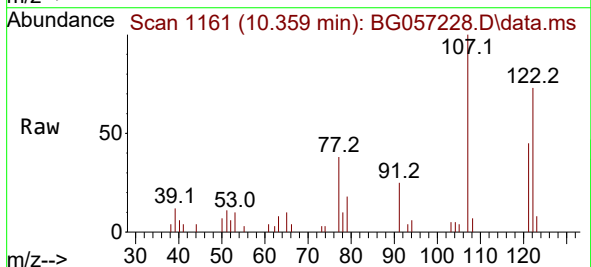
Instrument :
BNA_G
ClientSampleId :
EW906MSD

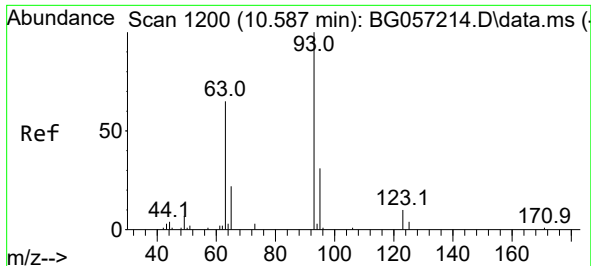
Tgt Ion:139 Resp: 14453
Ion Ratio Lower Upper
139 100
65 64.1 48.7 73.1
109 42.3 35.2 52.8



#26
2,4-Dimethylphenol
Concen: 7.297 ng/ul
RT: 10.359 min Scan# 1161
Delta R.T. 0.002 min
Lab File: BG057228.D
Acq: 28 Apr 2023 22:13

Tgt Ion:107 Resp: 9611
Ion Ratio Lower Upper
107 100
121 44.8 35.4 53.0
122 73.4 57.0 85.4

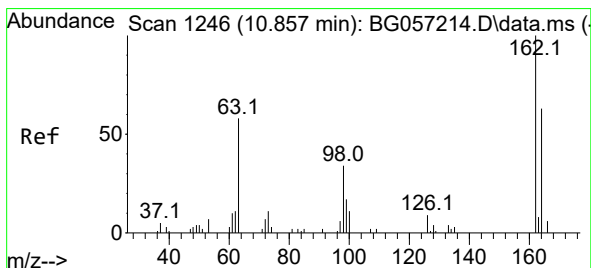
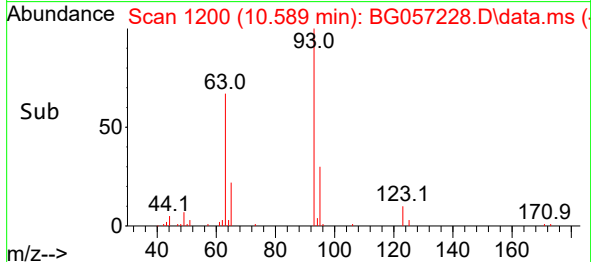
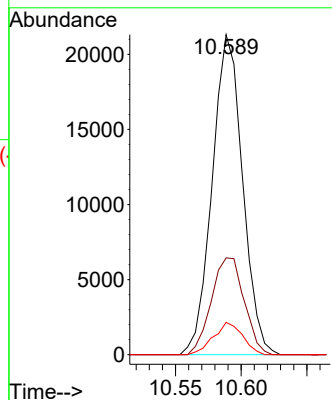
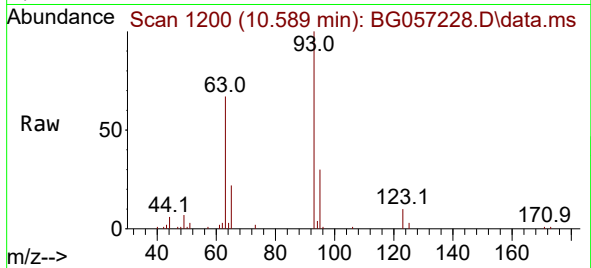




#27
 Bis(2-Chloroethoxy)methane
 Concen: 23.685 ng/ul
 RT: 10.589 min Scan# 11
 Delta R.T. 0.002 min
 Lab File: BG057228.D
 Acq: 28 Apr 2023 22:13

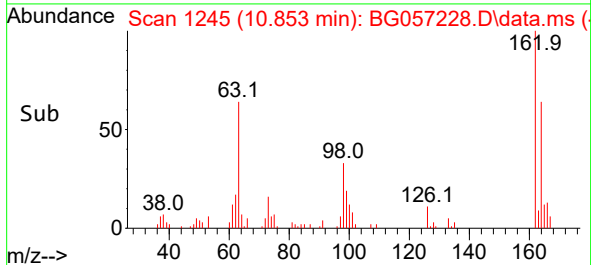
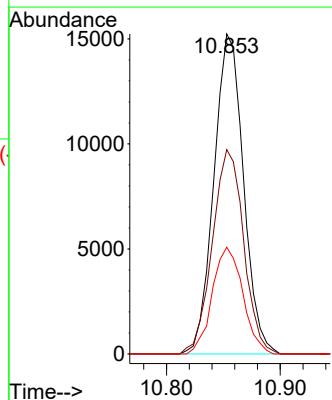
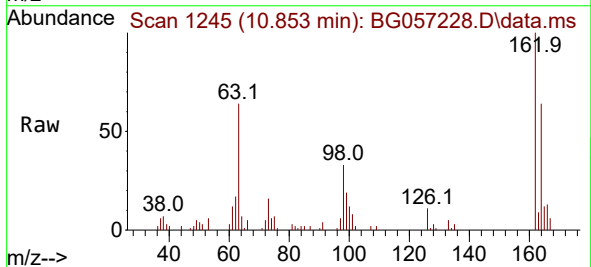
Instrument :
 BNA_G
 ClientSampleId :
 EW906MSD

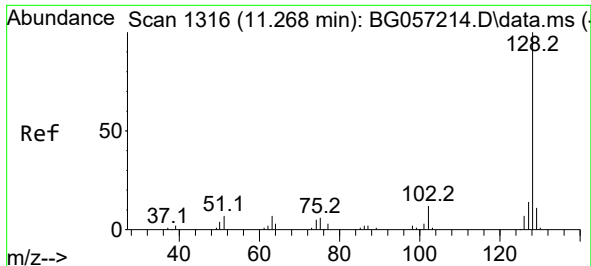
Tgt Ion: 93 Resp: 34261
 Ion Ratio Lower Upper
 93 100
 95 30.2 24.8 37.2
 123 10.1 8.1 12.1



#29
 2,4-Dichlorophenol
 Concen: 26.225 ng/ul
 RT: 10.853 min Scan# 1245
 Delta R.T. -0.004 min
 Lab File: BG057228.D
 Acq: 28 Apr 2023 22:13

Tgt Ion:162 Resp: 27529
 Ion Ratio Lower Upper
 162 100
 164 63.8 50.5 75.7
 98 33.3 27.5 41.3

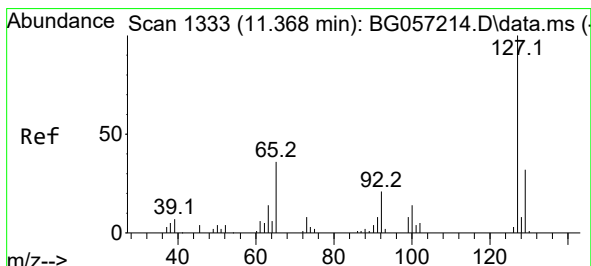
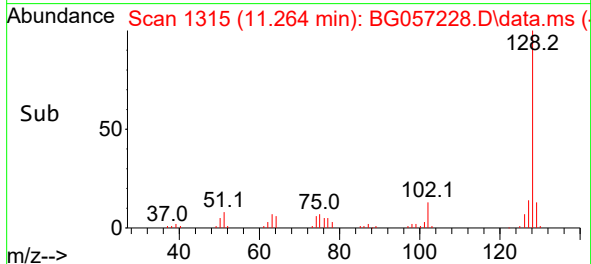
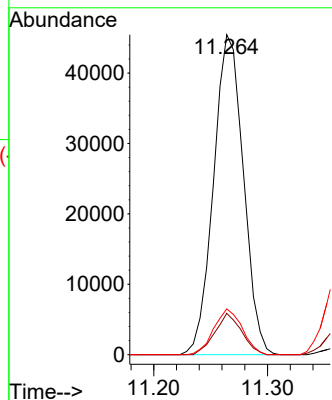
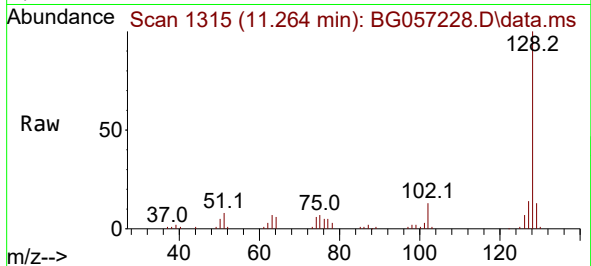




#30
Naphthalene
Concen: 24.459 ng/ul
RT: 11.264 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG057228.D
Acq: 28 Apr 2023 22:13

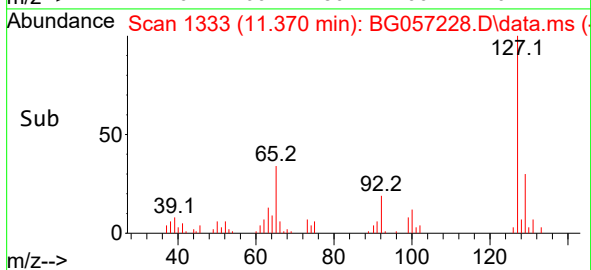
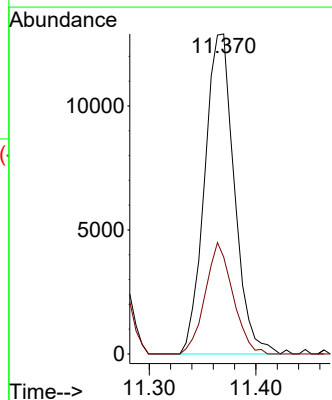
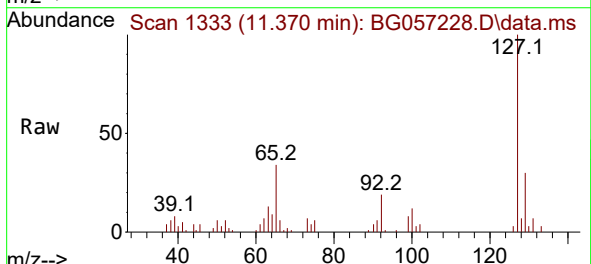
Instrument :
BNA_G
ClientSampleId :
EW906MSD

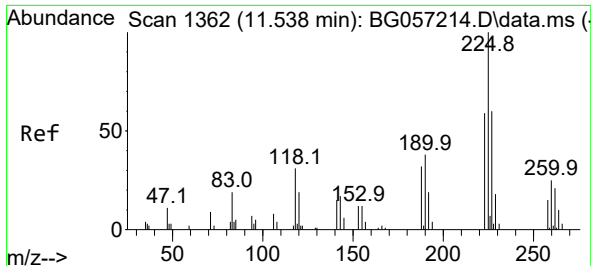
Tgt Ion:128 Resp: 82831
Ion Ratio Lower Upper
128 100
129 12.9 8.5 12.7#
127 14.3 11.4 17.0



#32
4-Chloroaniline
Concen: 16.363 ng/ul
RT: 11.370 min Scan# 1333
Delta R.T. 0.002 min
Lab File: BG057228.D
Acq: 28 Apr 2023 22:13

Tgt Ion:127 Resp: 24991
Ion Ratio Lower Upper
127 100
129 30.3 25.4 38.0

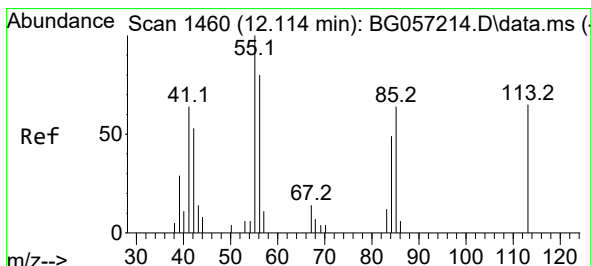
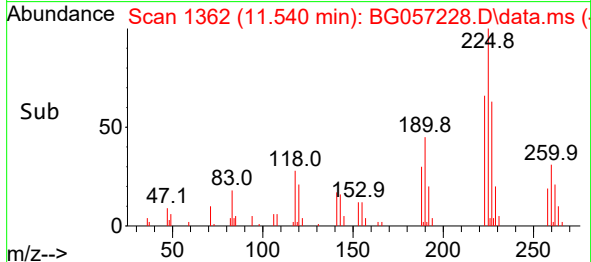
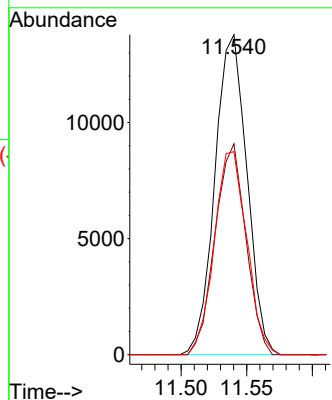
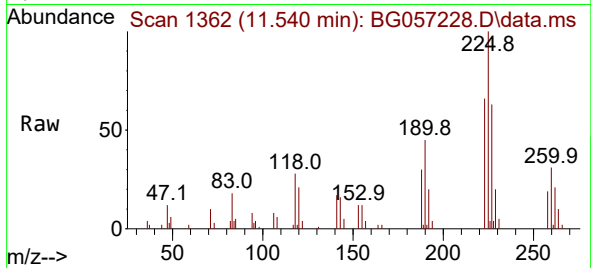




#33
Hexachlorobutadiene
Concen: 26.288 ng/ul
RT: 11.540 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG057228.D
Acq: 28 Apr 2023 22:13

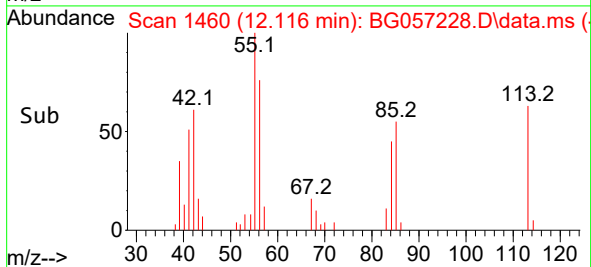
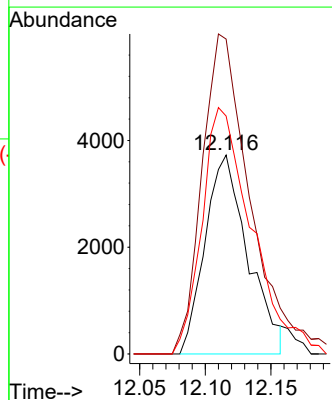
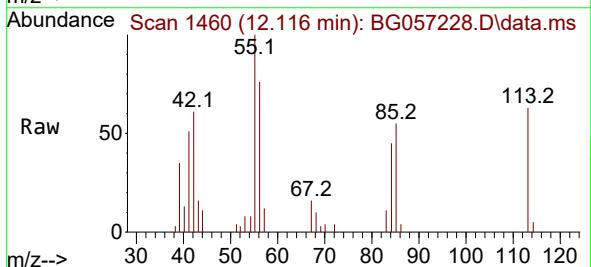
Instrument :
BNA_G
ClientSampleId :
EW906MSD

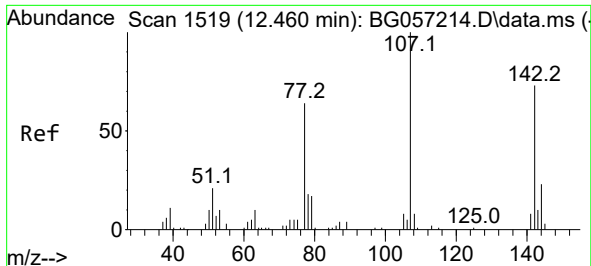
Tgt Ion:225 Resp: 23405
Ion Ratio Lower Upper
225 100
223 65.9 47.5 71.3
227 63.5 48.4 72.6



#34
Caprolactam
Concen: 23.988 ng/ul
RT: 12.116 min Scan# 1460
Delta R.T. 0.002 min
Lab File: BG057228.D
Acq: 28 Apr 2023 22:13

Tgt Ion:113 Resp: 8477
Ion Ratio Lower Upper
113 100
55 158.3 123.1 184.7
56 119.6 98.7 148.1





#35

4-Chloro-3-methylphenol

Concen: 24.649 ng/ul

RT: 12.462 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG057228.D

Acq: 28 Apr 2023 22:13

Instrument :

BNA_G

ClientSampleId :

EW906MSD

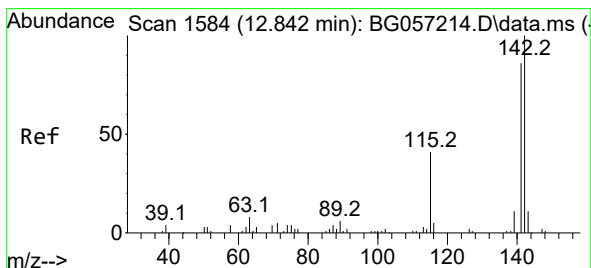
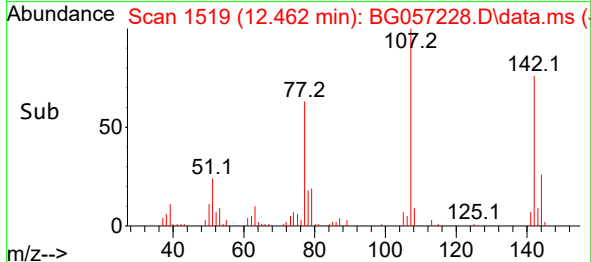
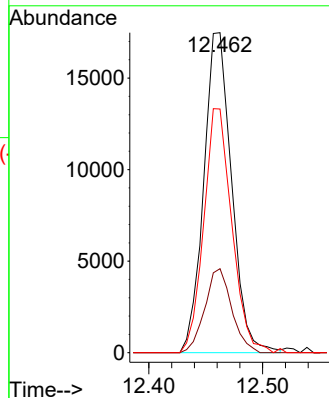
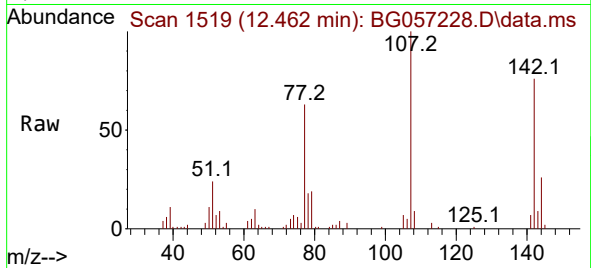
Tgt Ion:107 Resp: 29771

Ion Ratio Lower Upper

107 100

144 26.2 18.3 27.5

142 76.2 58.6 88.0



#36

2-Methylnaphthalene

Concen: 25.699 ng/ul

RT: 12.844 min Scan# 1584

Delta R.T. 0.002 min

Lab File: BG057228.D

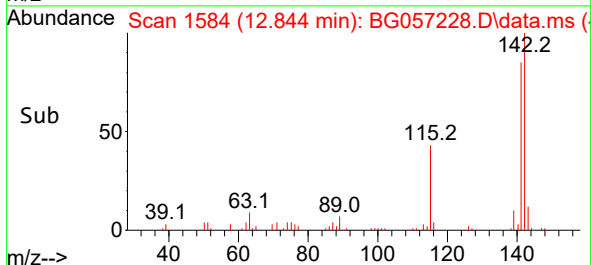
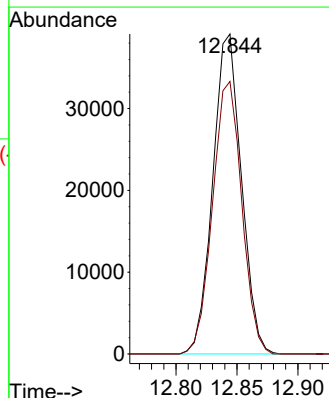
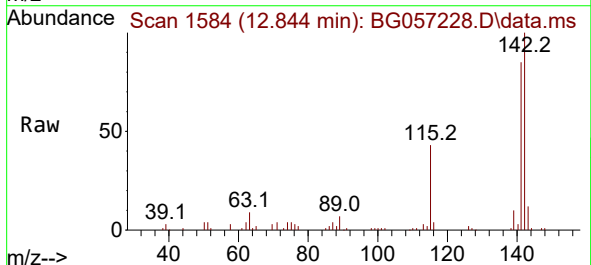
Acq: 28 Apr 2023 22:13

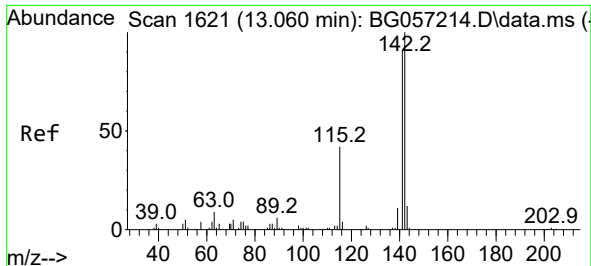
Tgt Ion:142 Resp: 63822

Ion Ratio Lower Upper

142 100

141 85.2 68.7 103.1

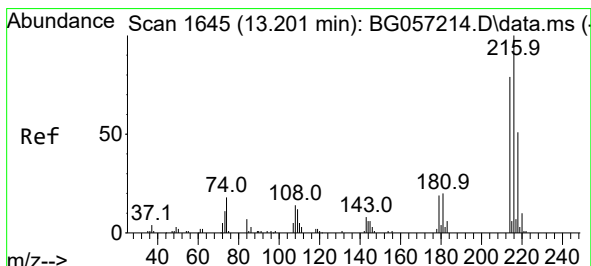
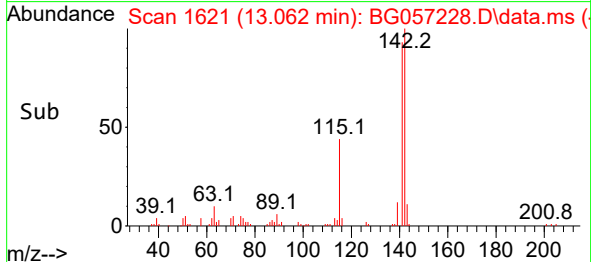
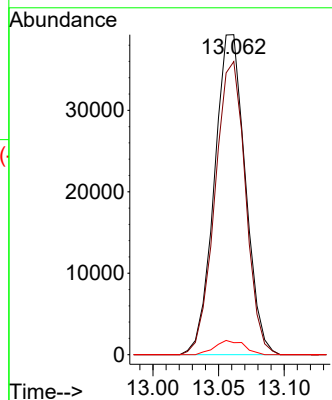
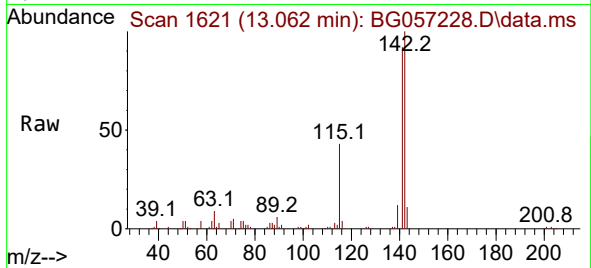




#37
1-Methylnaphthalene
Concen: 25.793 ng/ul
RT: 13.062 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG057228.D
Acq: 28 Apr 2023 22:13

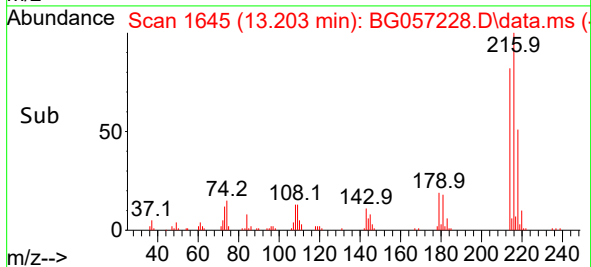
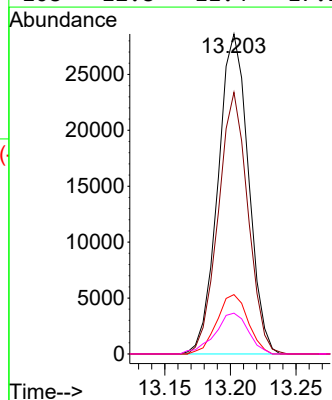
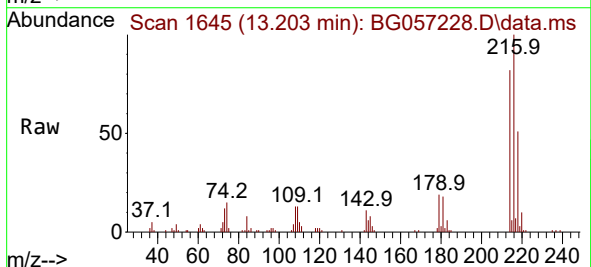
Instrument :
BNA_G
ClientSampleId :
EW906MSD

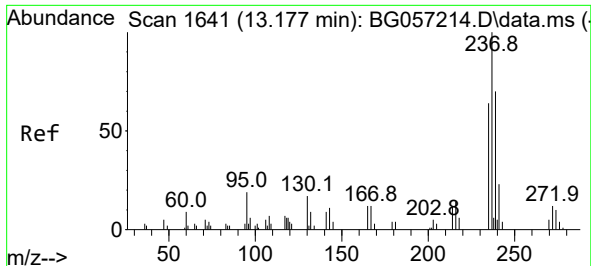
Tgt Ion:142 Resp: 64408
Ion Ratio Lower Upper
142 100
141 91.6 72.9 109.3
116 3.8 3.2 4.8



#39
1,2,4,5-Tetrachlorobenzene
Concen: 25.677 ng/ul
RT: 13.203 min Scan# 1645
Delta R.T. 0.002 min
Lab File: BG057228.D
Acq: 28 Apr 2023 22:13

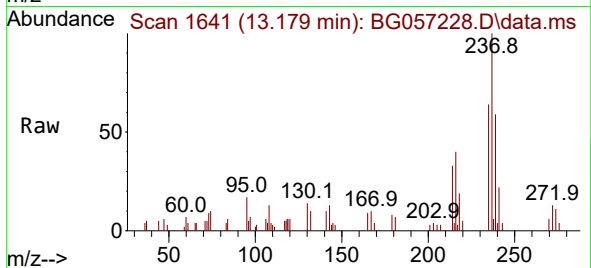
Tgt Ion:216 Resp: 46125
Ion Ratio Lower Upper
216 100
214 81.8 62.9 94.3
179 18.5 15.3 22.9
108 12.8 11.4 17.2



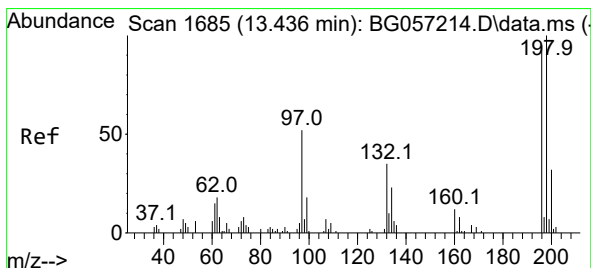
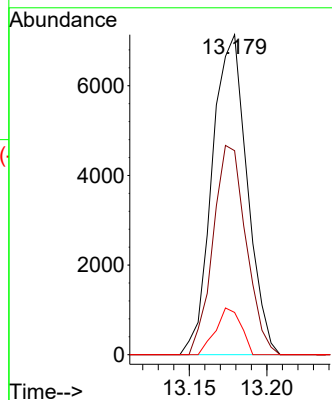
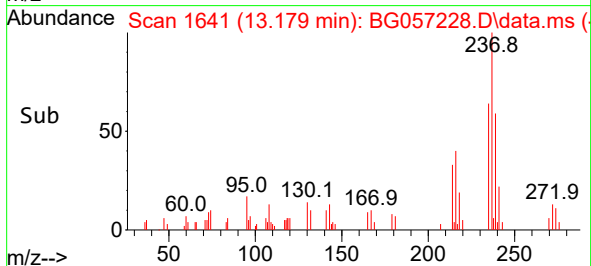


#40
Hexachlorocyclopentadiene
Concen: 12.465 ng/ul
RT: 13.179 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG057228.D
Acq: 28 Apr 2023 22:13

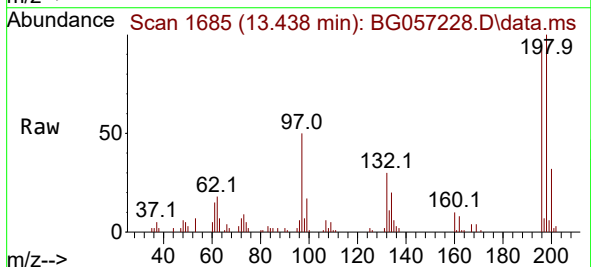
Instrument :
BNA_G
ClientSampleId :
EW906MSD



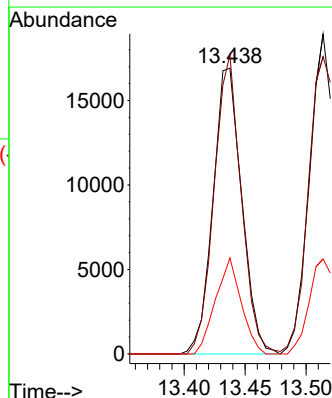
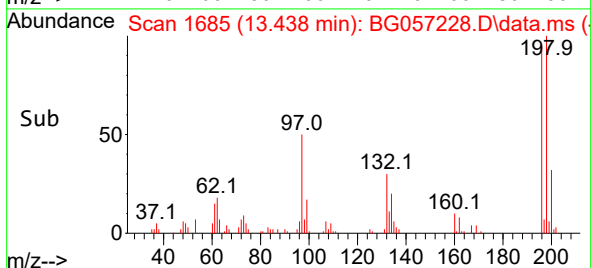
Tgt Ion:237 Resp: 11174
Ion Ratio Lower Upper
237 100
235 63.7 51.4 77.0
272 13.2 9.4 14.2

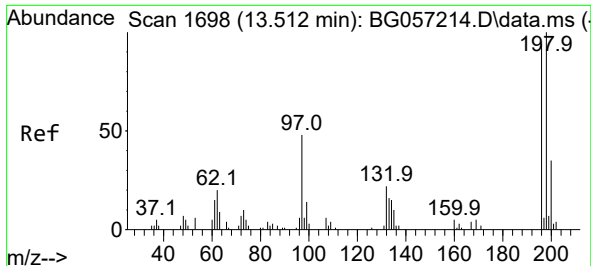


#41
2,4,6-Trichlorophenol
Concen: 26.615 ng/ul
RT: 13.438 min Scan# 1685
Delta R.T. 0.002 min
Lab File: BG057228.D
Acq: 28 Apr 2023 22:13



Tgt Ion:196 Resp: 27845
Ion Ratio Lower Upper
196 100
198 104.8 83.8 125.8
200 33.6 26.6 40.0

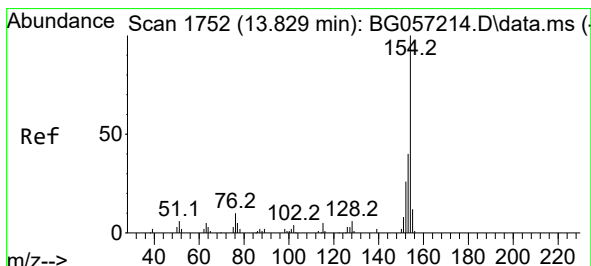
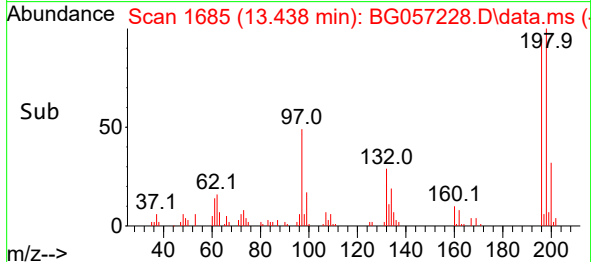
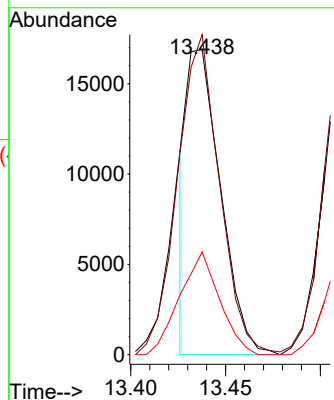
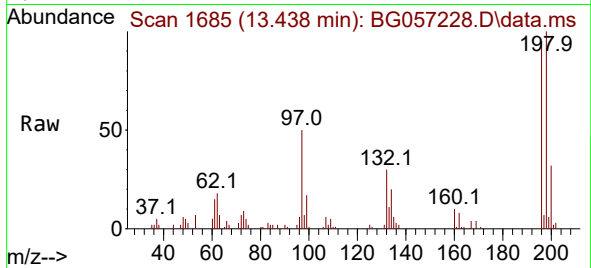




#42
2,4,5-Trichlorophenol
Concen: 18.482 ng/ul
RT: 13.438 min Scan# 1
Delta R.T. -0.074 min
Lab File: BG057228.D
Acq: 28 Apr 2023 22:13

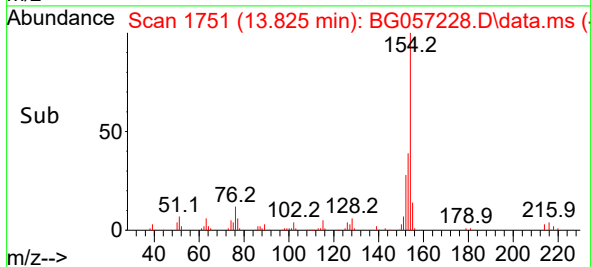
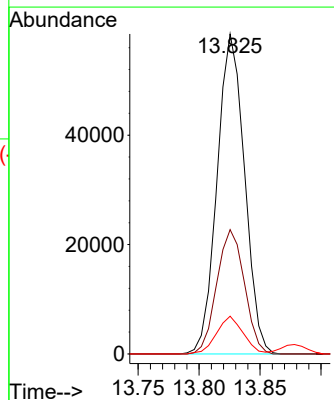
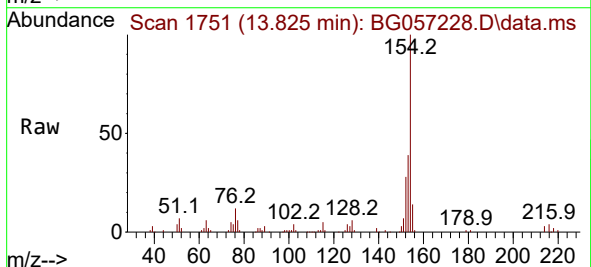
Instrument :
BNA_G
ClientSampleId :
EW906MSD

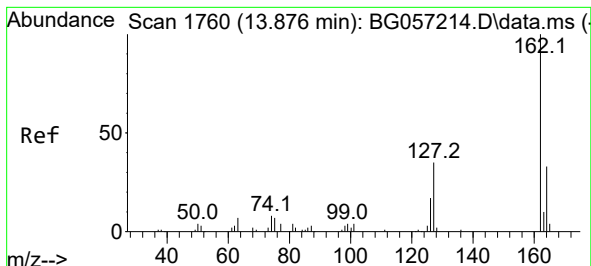
Tgt Ion:196 Resp: 20760
Ion Ratio Lower Upper
196 100
198 104.8 85.7 128.5
200 33.6 29.9 44.9



#43
1,1'-Biphenyl
Concen: 24.263 ng/ul
RT: 13.825 min Scan# 1751
Delta R.T. -0.004 min
Lab File: BG057228.D
Acq: 28 Apr 2023 22:13

Tgt Ion:154 Resp: 91516
Ion Ratio Lower Upper
154 100
153 38.8 31.6 47.4
76 11.8 8.0 12.0

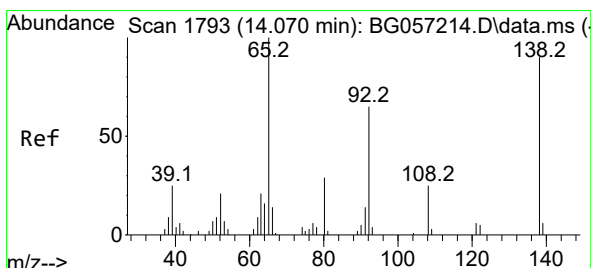
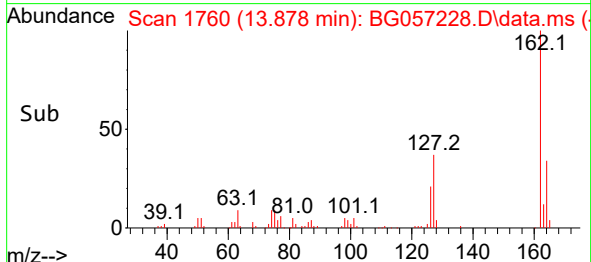
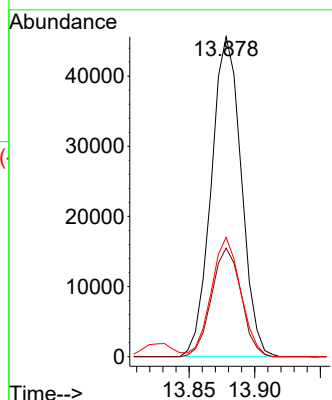
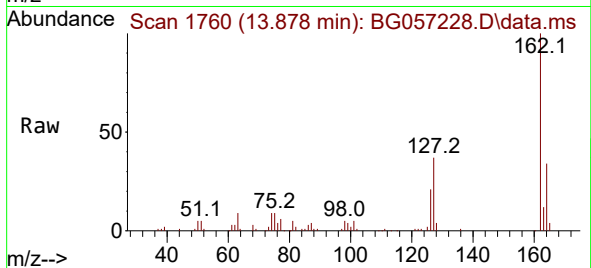




#44
2-Chloronaphthalene
Concen: 24.806 ng/ul
RT: 13.878 min Scan# 1760
Delta R.T. 0.002 min
Lab File: BG057228.D
Acq: 28 Apr 2023 22:13

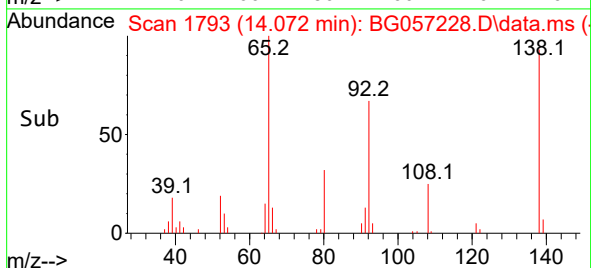
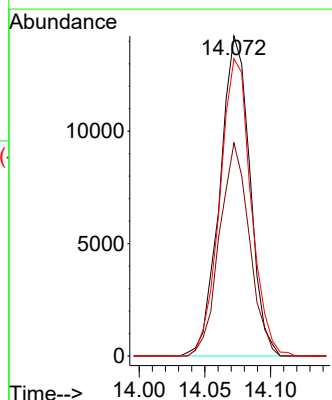
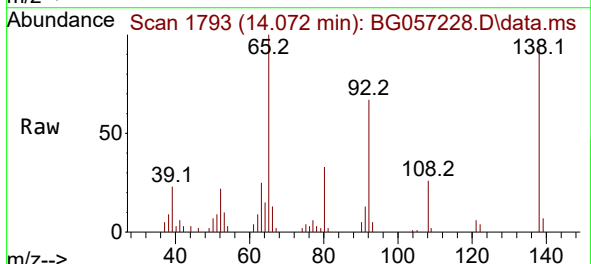
Instrument :
BNA_G
ClientSampleId :
EW906MSD

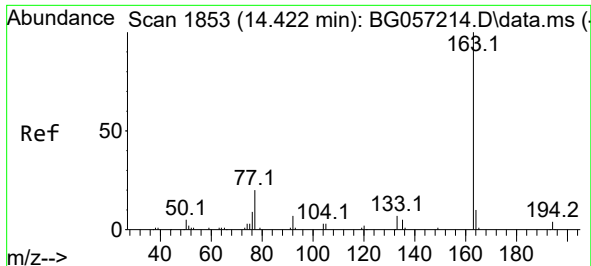
Tgt Ion:162 Resp: 72548
Ion Ratio Lower Upper
162 100
164 34.0 26.2 39.4
127 37.3 29.4 44.2



#45
2-Nitroaniline
Concen: 25.588 ng/ul
RT: 14.072 min Scan# 1793
Delta R.T. 0.002 min
Lab File: BG057228.D
Acq: 28 Apr 2023 22:13

Tgt Ion: 65 Resp: 22591
Ion Ratio Lower Upper
65 100
92 66.5 51.8 77.6
138 92.9 71.9 107.9





#47

Dimethylphthalate

Concen: 24.439 ng/ul

RT: 14.419 min Scan# 1852

Delta R.T. -0.004 min

Lab File: BG057228.D

Acq: 28 Apr 2023 22:13

Instrument :

BNA_G

ClientSampleId :

EW906MSD

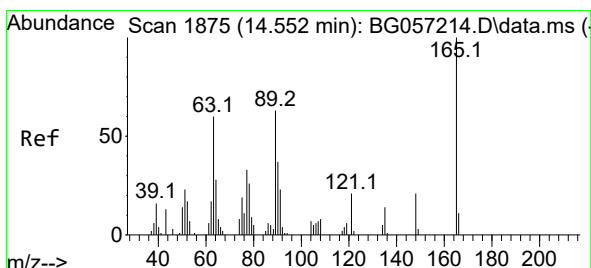
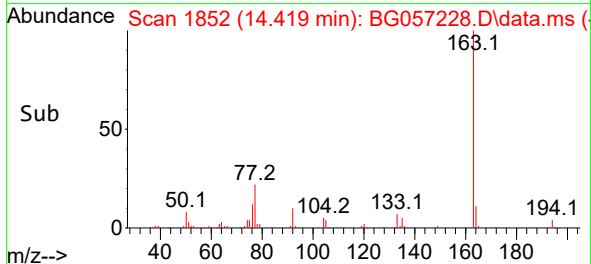
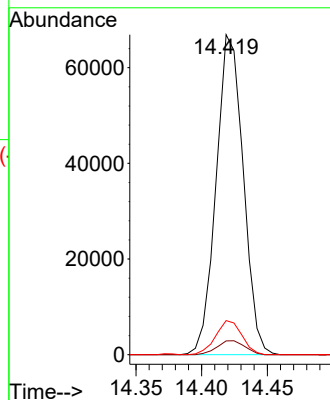
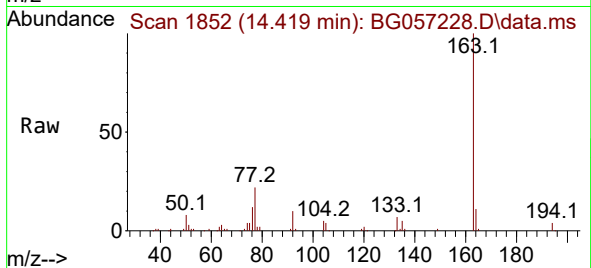
Tgt Ion:163 Resp: 96126

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 10.6 8.3 12.5



#48

2,6-Dinitrotoluene

Concen: 25.000 ng/ul

RT: 14.554 min Scan# 1875

Delta R.T. 0.002 min

Lab File: BG057228.D

Acq: 28 Apr 2023 22:13

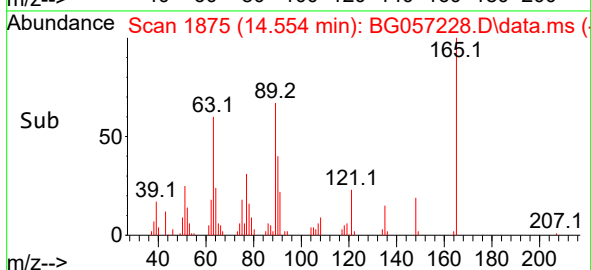
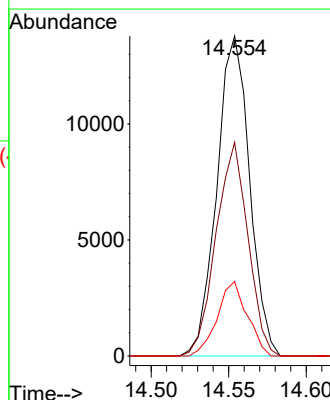
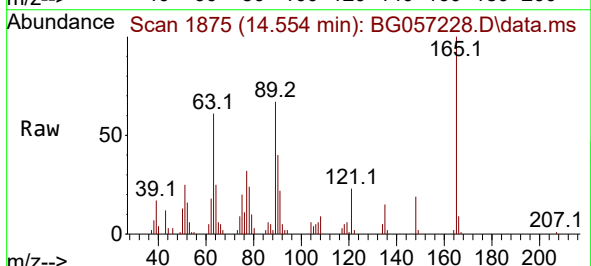
Tgt Ion:165 Resp: 20237

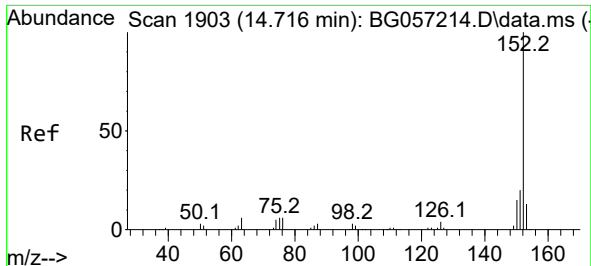
Ion Ratio Lower Upper

165 100

89 66.7 50.6 76.0

121 23.3 16.8 25.2

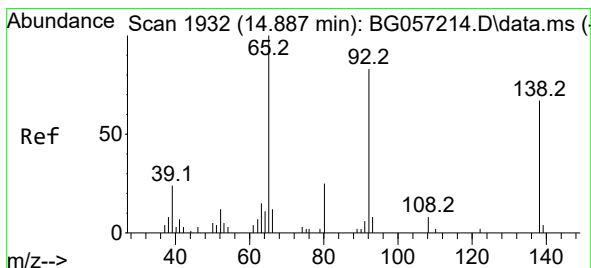
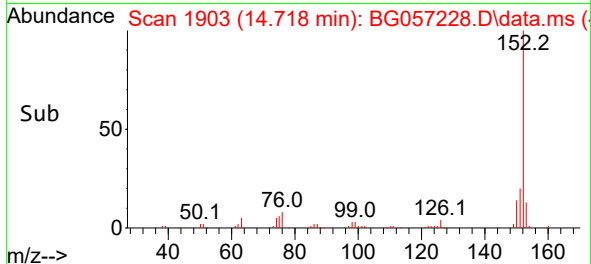
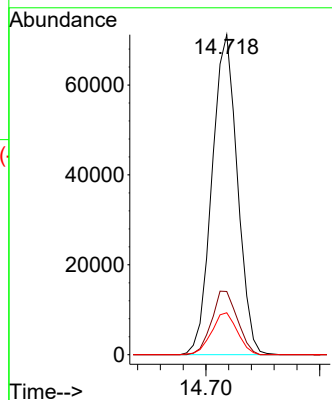
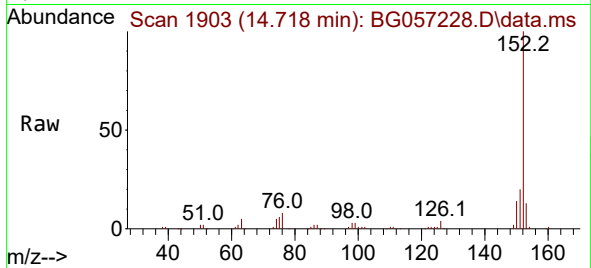




#50
Acenaphthylene
Concen: 24.696 ng/ul
RT: 14.718 min Scan# 1903
Delta R.T. 0.002 min
Lab File: BG057228.D
Acq: 28 Apr 2023 22:13

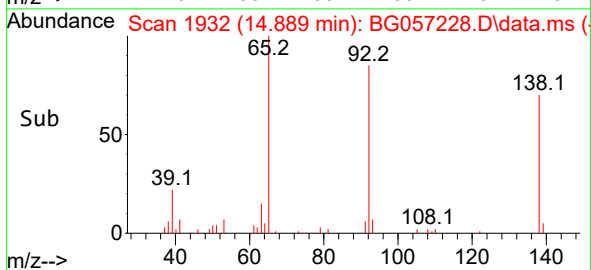
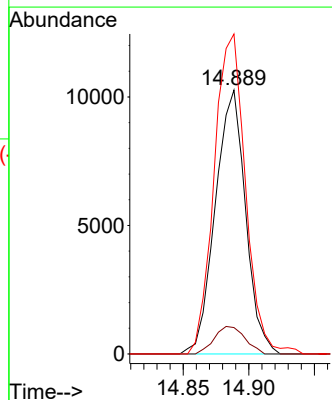
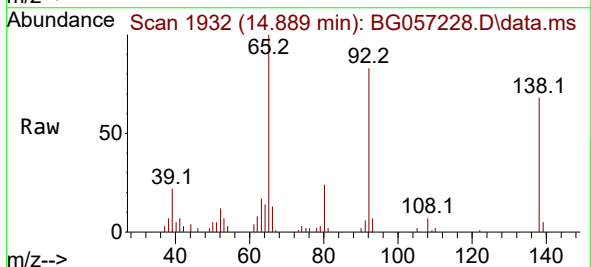
Instrument :
BNA_G
ClientSampleId :
EW906MSD

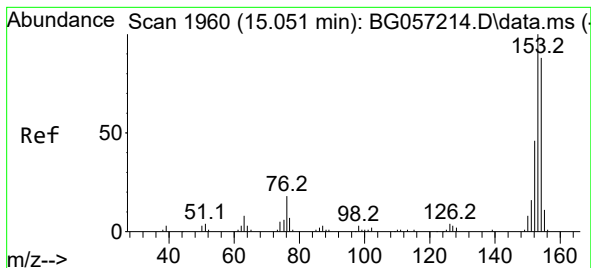
Tgt Ion:152 Resp: 110481
Ion Ratio Lower Upper
152 100
151 19.8 16.3 24.5
153 13.1 10.1 15.1



#51
3-Nitroaniline
Concen: 28.700 ng/ul
RT: 14.889 min Scan# 1932
Delta R.T. 0.002 min
Lab File: BG057228.D
Acq: 28 Apr 2023 22:13

Tgt Ion:138 Resp: 16461
Ion Ratio Lower Upper
138 100
108 10.0 9.2 13.8
92 121.3 99.5 149.3





#52

Acenaphthene

Concen: 24.361 ng/ul

RT: 15.053 min Scan# 1960

Delta R.T. 0.002 min

Lab File: BG057228.D

Acq: 28 Apr 2023 22:13

Instrument :

BNA_G

ClientSampleId :

EW906MSD

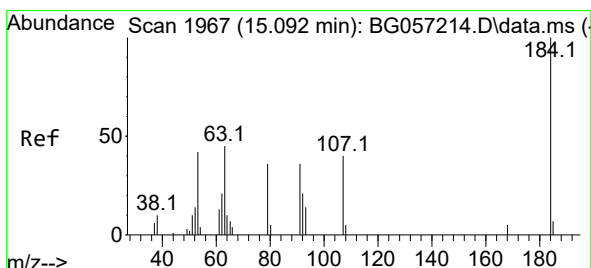
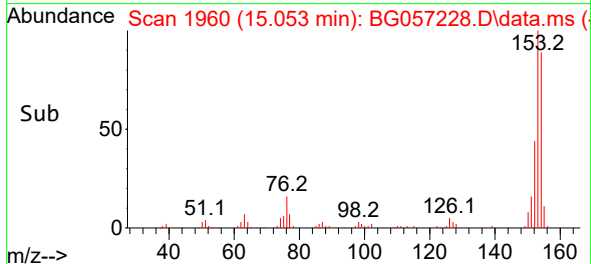
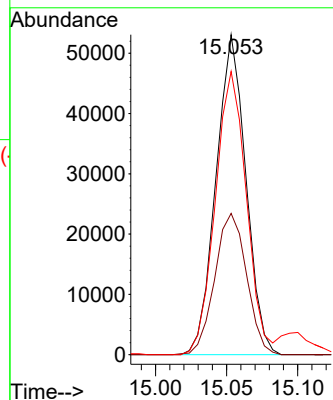
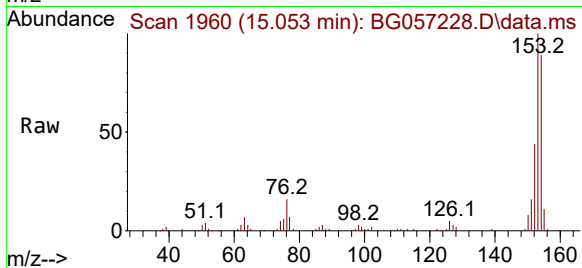
Tgt Ion:153 Resp: 77648

Ion Ratio Lower Upper

153 100

152 44.2 36.5 54.7

154 88.5 70.6 106.0



#53

2,4-Dinitrophenol

Concen: 23.451 ng/ul

RT: 15.100 min Scan# 1968

Delta R.T. 0.008 min

Lab File: BG057228.D

Acq: 28 Apr 2023 22:13

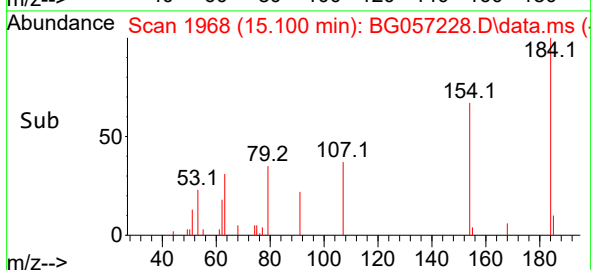
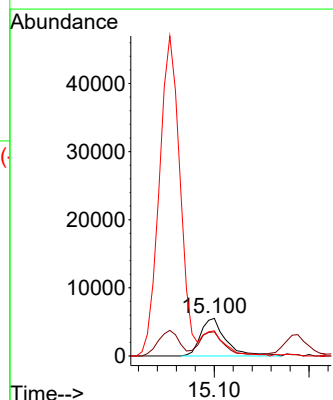
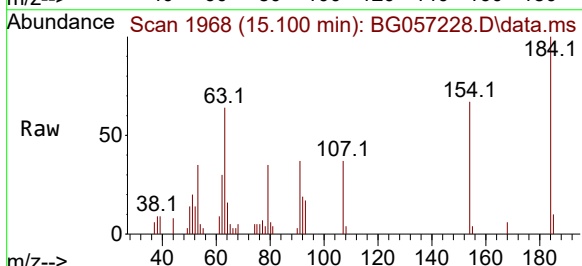
Tgt Ion:184 Resp: 10109

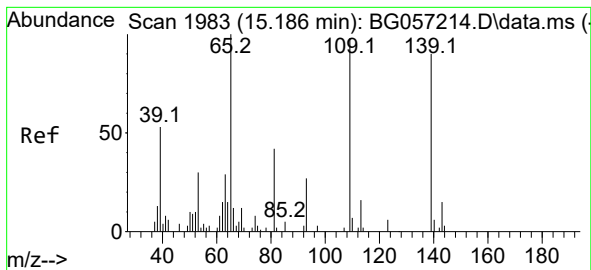
Ion Ratio Lower Upper

184 100

63 64.3 48.3 72.5

154 66.7 50.0 75.0

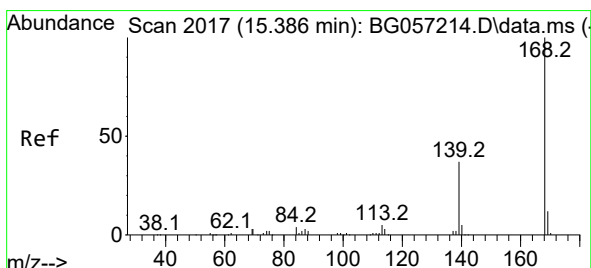
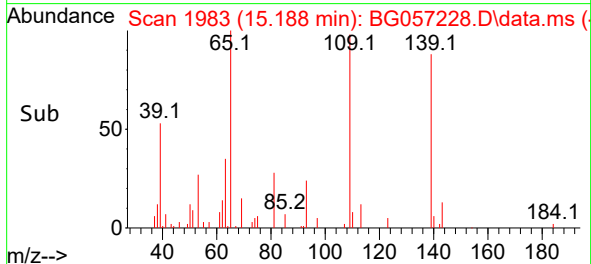
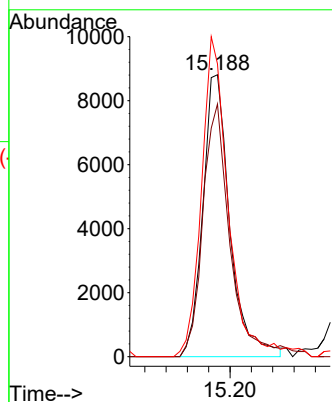
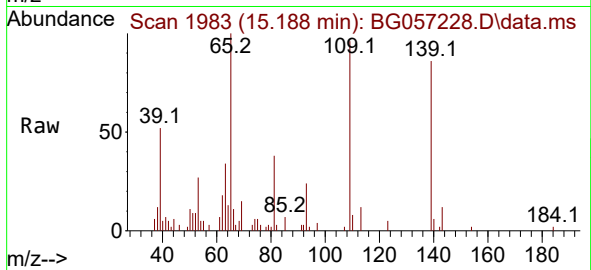




#55
4-Nitrophenol
Concen: 24.063 ng/ul
RT: 15.188 min Scan# 1983
Delta R.T. 0.002 min
Lab File: BG057228.D
Acq: 28 Apr 2023 22:13

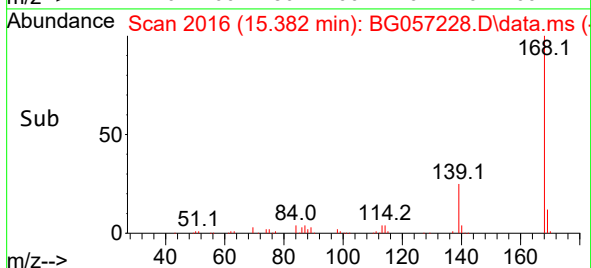
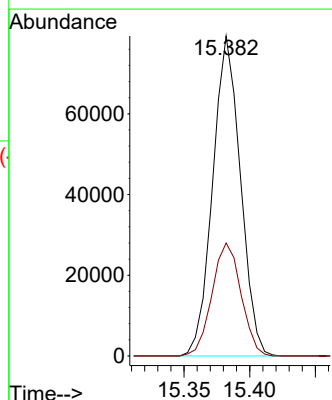
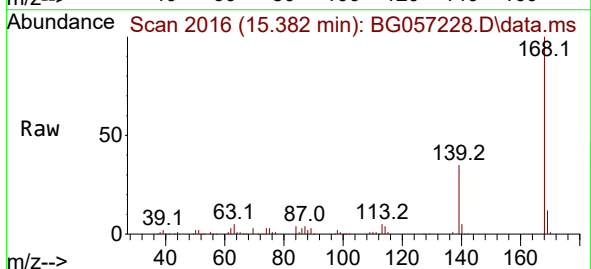
Instrument :
BNA_G
ClientSampleId :
EW906MSD

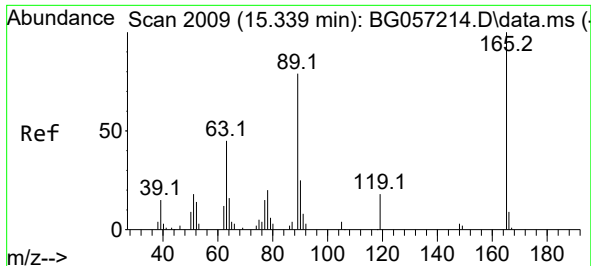
Tgt Ion:109 Resp: 15552
Ion Ratio Lower Upper
109 100
139 89.6 73.8 110.8
65 103.8 81.7 122.5



#56
Dibenzofuran
Concen: 25.268 ng/ul
RT: 15.382 min Scan# 2016
Delta R.T. -0.004 min
Lab File: BG057228.D
Acq: 28 Apr 2023 22:13

Tgt Ion:168 Resp: 116302
Ion Ratio Lower Upper
168 100
139 35.3 29.6 44.4





#57

2,4-Dinitrotoluene

Concen: 25.874 ng/ul

RT: 15.341 min Scan# 2009

Delta R.T. 0.002 min

Lab File: BG057228.D

Acq: 28 Apr 2023 22:13

Instrument :

BNA_G

ClientSampleId :

EW906MSD

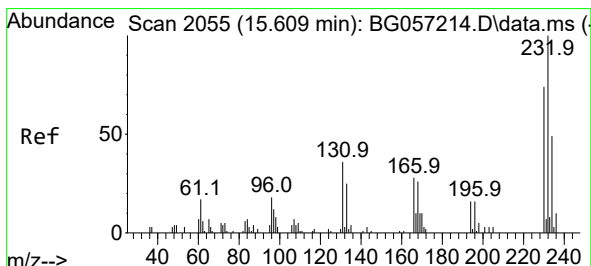
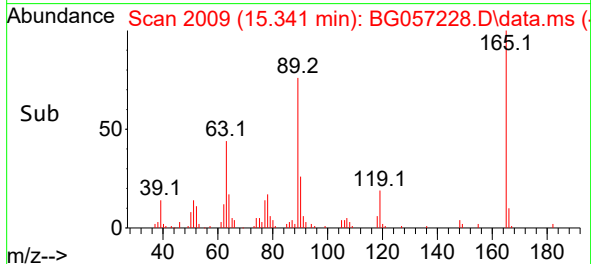
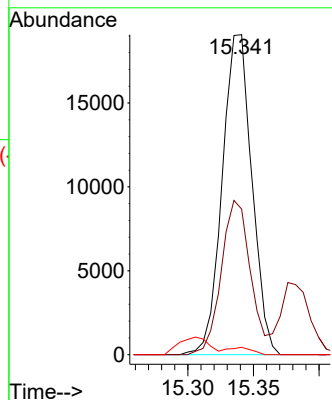
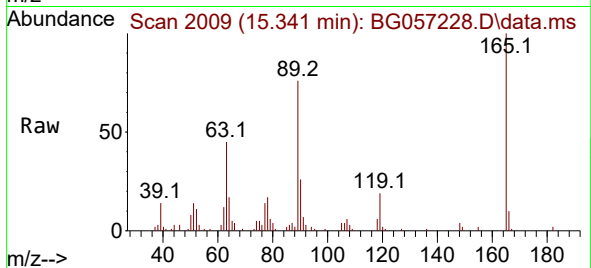
Tgt Ion:165 Resp: 29983

Ion Ratio Lower Upper

165 100

63 45.5 35.9 53.9

182 2.3 1.9 2.9



#58

2,3,4,6-Tetrachlorophenol

Concen: 25.982 ng/ul

RT: 15.611 min Scan# 2055

Delta R.T. 0.002 min

Lab File: BG057228.D

Acq: 28 Apr 2023 22:13

Tgt Ion:232 Resp: 26519

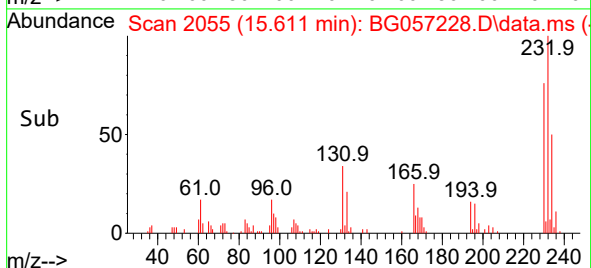
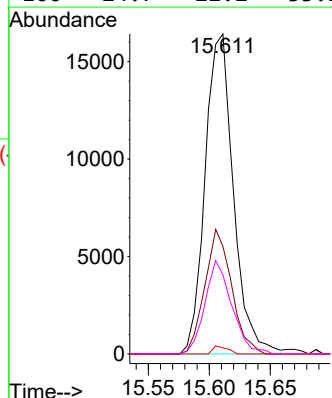
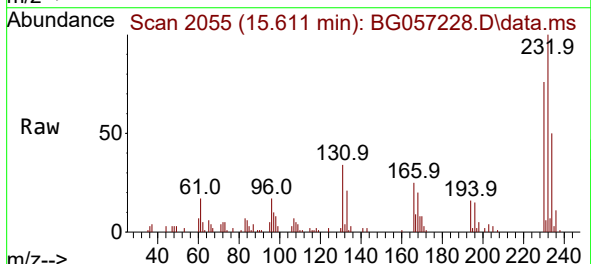
Ion Ratio Lower Upper

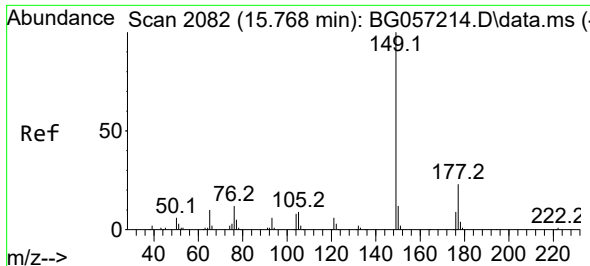
232 100

131 33.6 28.6 43.0

130 1.9 1.8 2.6

166 24.7 22.2 33.2

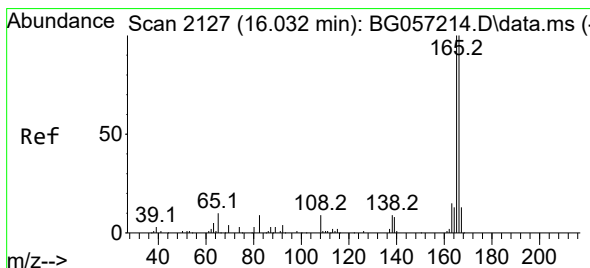
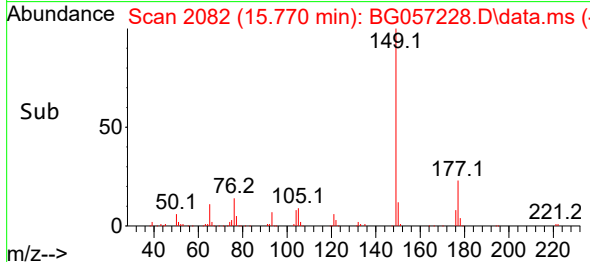
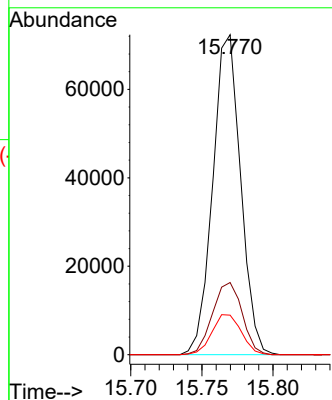
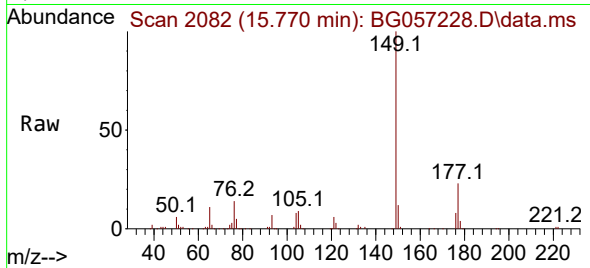




#59
Diethylphthalate
Concen: 24.691 ng/ul
RT: 15.770 min Scan# 2082
Delta R.T. 0.002 min
Lab File: BG057228.D
Acq: 28 Apr 2023 22:13

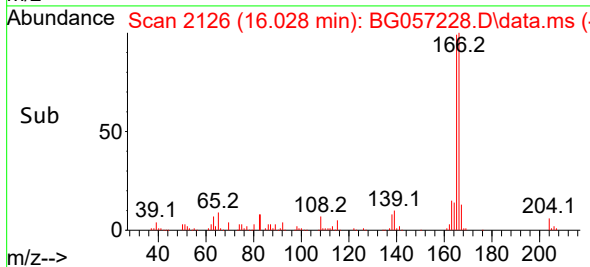
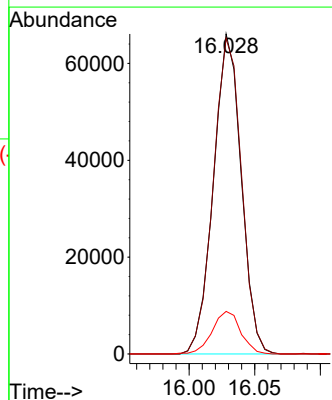
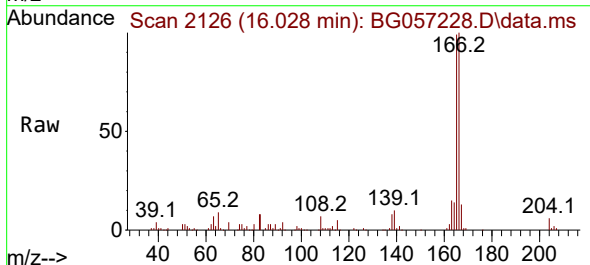
Instrument :
BNA_G
ClientSampleId :
EW906MSD

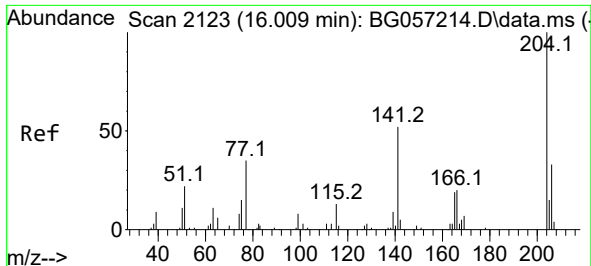
Tgt Ion:149 Resp: 98668
Ion Ratio Lower Upper
149 100
177 22.5 18.6 28.0
150 12.4 9.8 14.8



#61
Fluorene
Concen: 24.889 ng/ul
RT: 16.028 min Scan# 2126
Delta R.T. -0.004 min
Lab File: BG057228.D
Acq: 28 Apr 2023 22:13

Tgt Ion:166 Resp: 96869
Ion Ratio Lower Upper
166 100
165 98.6 80.1 120.1
167 13.3 10.2 15.4

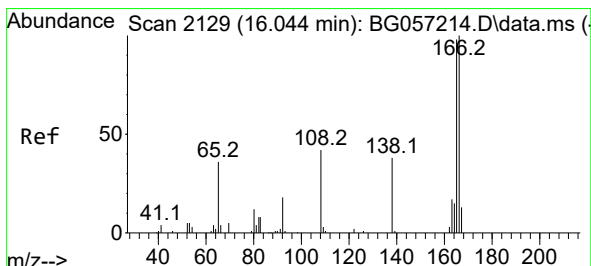
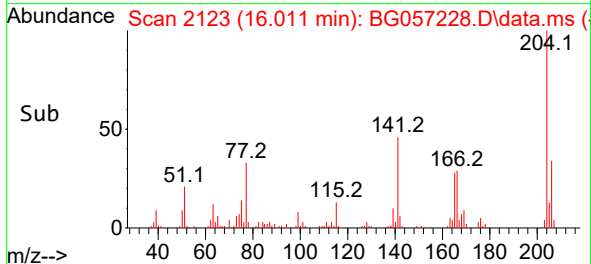
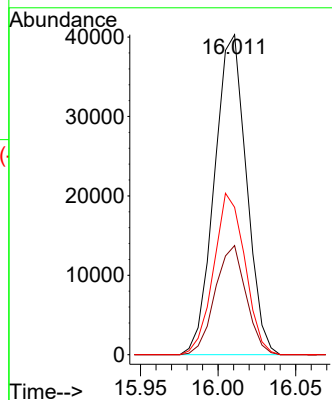
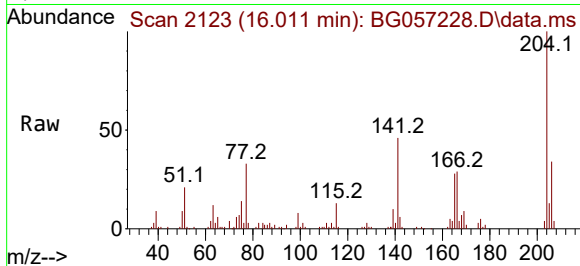




#62
4-Chlorophenyl-phenylether
Concen: 25.424 ng/ul
RT: 16.011 min Scan# 2123
Delta R.T. 0.002 min
Lab File: BG057228.D
Acq: 28 Apr 2023 22:13

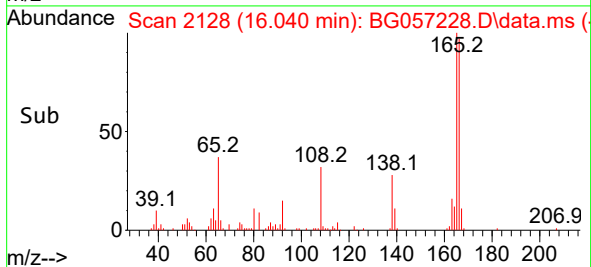
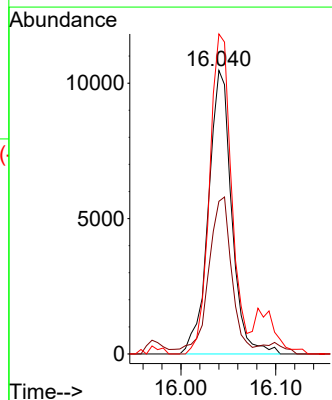
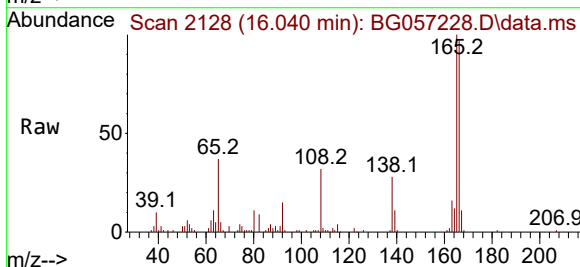
Instrument :
BNA_G
ClientSampleId :
EW906MSD

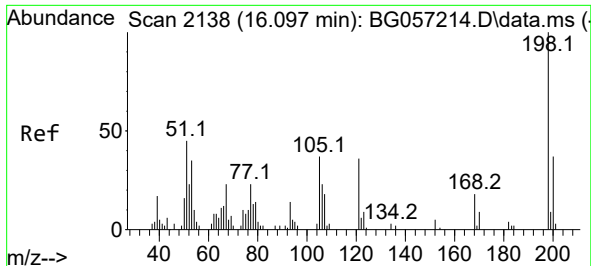
Tgt Ion:204 Resp: 57755
Ion Ratio Lower Upper
204 100
206 34.1 26.5 39.7
141 46.0 41.5 62.3



#63
4-Nitroaniline
Concen: 32.858 ng/ul
RT: 16.040 min Scan# 2128
Delta R.T. -0.004 min
Lab File: BG057228.D
Acq: 28 Apr 2023 22:13

Tgt Ion:138 Resp: 17847
Ion Ratio Lower Upper
138 100
92 53.8 39.9 59.9
108 112.9 89.1 133.7

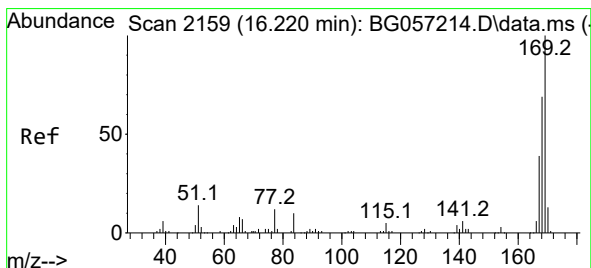
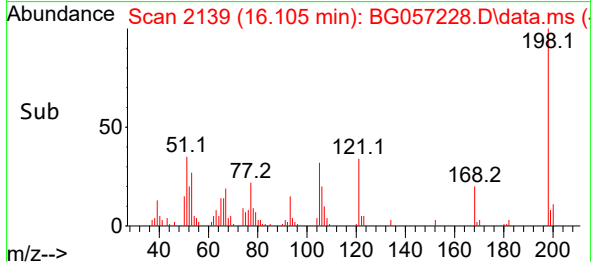
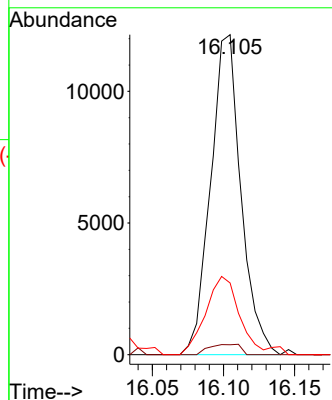
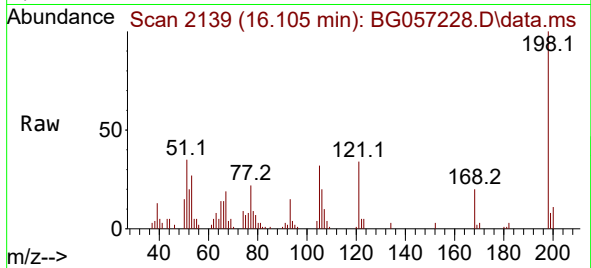




#66
4,6-Dinitro-2-methylphenol
Concen: 26.295 ng/ul
RT: 16.105 min Scan# 2138
Delta R.T. 0.008 min
Lab File: BG057228.D
Acq: 28 Apr 2023 22:13

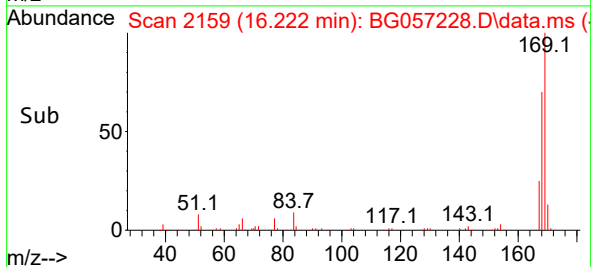
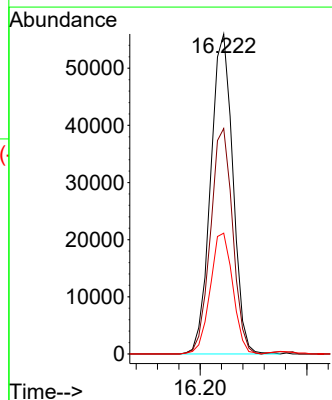
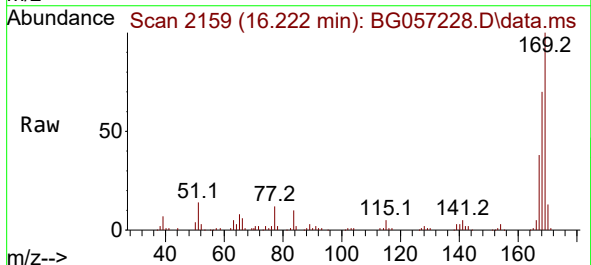
Instrument :
BNA_G
ClientSampleId :
EW906MSD

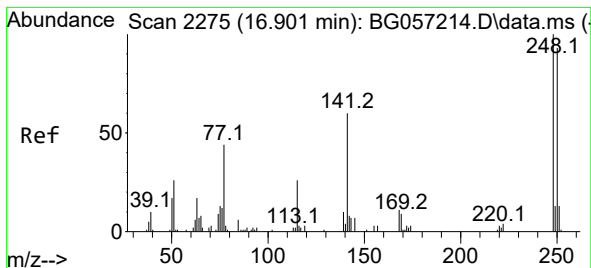
Tgt Ion:198 Resp: 18029
Ion Ratio Lower Upper
198 100
182 3.1 3.0 4.6
77 22.4 20.1 30.1



#67
N-Nitrosodiphenylamine
Concen: 27.286 ng/ul
RT: 16.222 min Scan# 2159
Delta R.T. 0.002 min
Lab File: BG057228.D
Acq: 28 Apr 2023 22:13

Tgt Ion:169 Resp: 80947
Ion Ratio Lower Upper
169 100
168 70.4 55.4 83.2
167 37.8 31.0 46.4

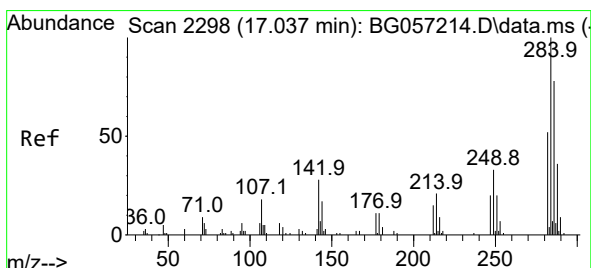
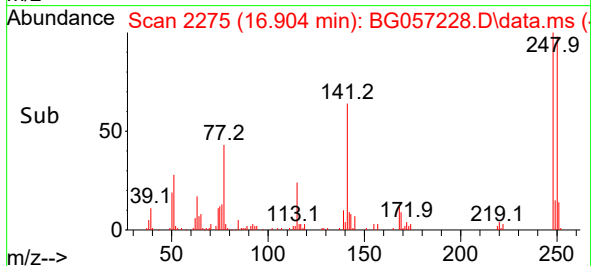
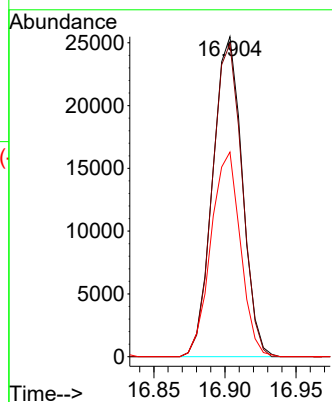
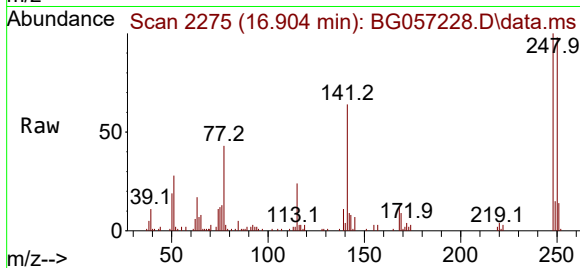




#68
4-Bromophenyl-phenylether
Concen: 27.140 ng/ul
RT: 16.904 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG057228.D
Acq: 28 Apr 2023 22:13

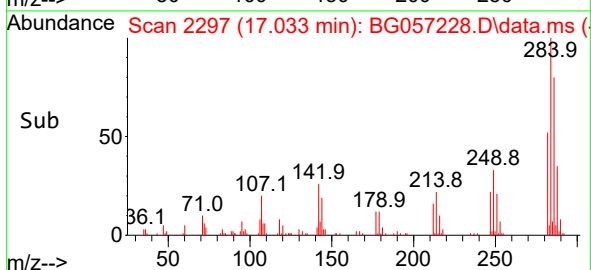
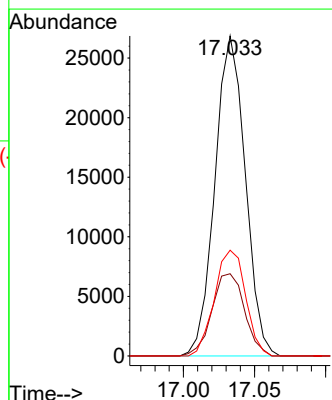
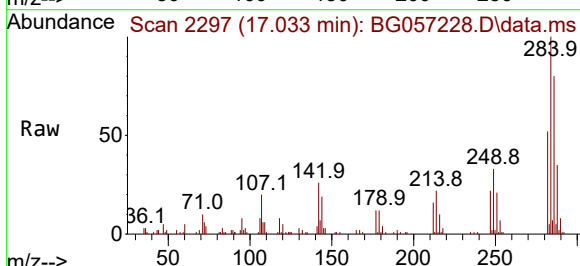
Instrument :
BNA_G
ClientSampleId :
EW906MSD

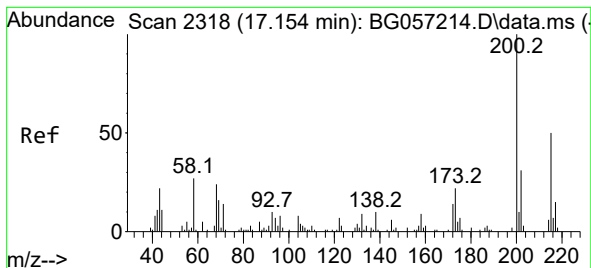
Tgt Ion:248 Resp: 36839
Ion Ratio Lower Upper
248 100
250 97.8 74.8 112.2
141 64.0 47.8 71.6



#69
Hexachlorobenzene
Concen: 27.910 ng/ul
RT: 17.033 min Scan# 2297
Delta R.T. -0.004 min
Lab File: BG057228.D
Acq: 28 Apr 2023 22:13

Tgt Ion:284 Resp: 39893
Ion Ratio Lower Upper
284 100
142 25.7 22.6 33.8
249 33.0 26.2 39.2





#70

Atrazine

Concen: 20.971 ng/ul

RT: 17.150 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG057228.D

Acq: 28 Apr 2023 22:13

Instrument :

BNA_G

ClientSampleId :

EW906MSD

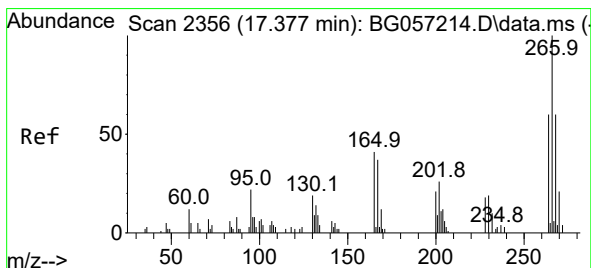
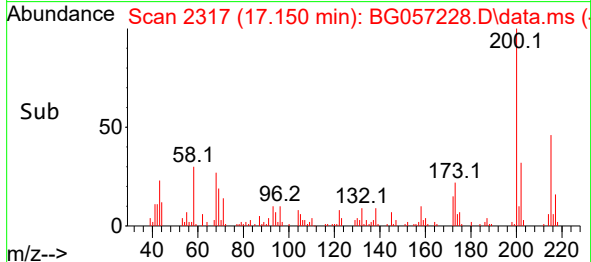
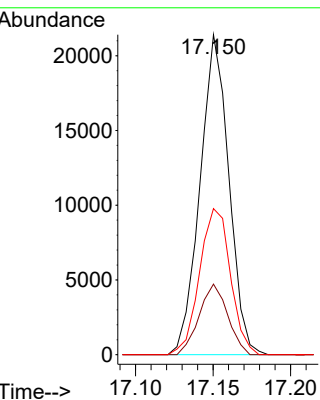
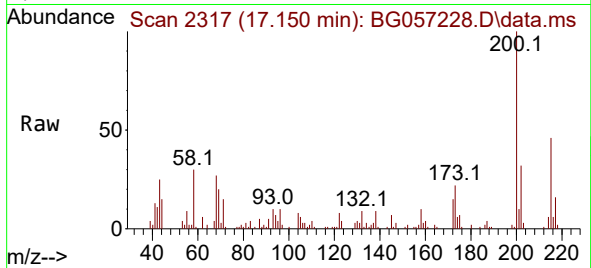
Tgt Ion:200 Resp: 27649

Ion Ratio Lower Upper

200 100

173 22.1 17.8 26.6

215 45.6 40.3 60.5



#71

Pentachlorophenol

Concen: 17.099 ng/ul

RT: 17.379 min Scan# 2356

Delta R.T. 0.002 min

Lab File: BG057228.D

Acq: 28 Apr 2023 22:13

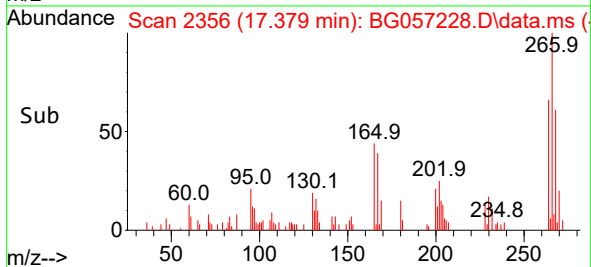
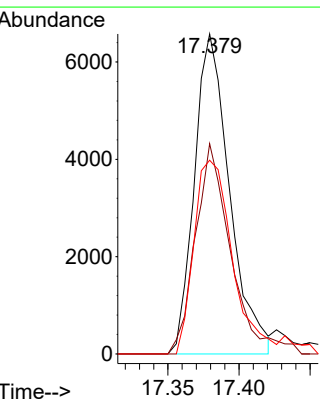
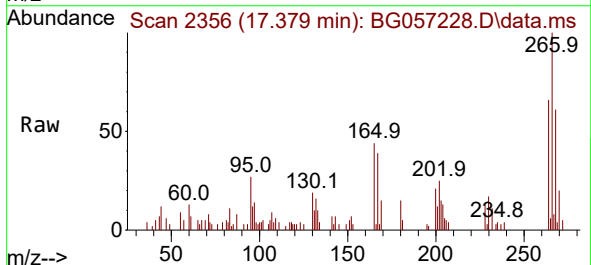
Tgt Ion:266 Resp: 11297

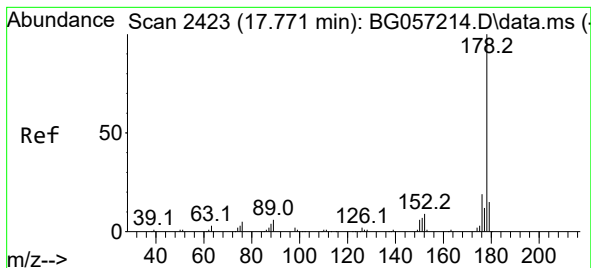
Ion Ratio Lower Upper

266 100

264 65.7 47.8 71.6

268 60.6 48.2 72.4





#72

Phenanthrene

Concen: 30.458 ng/ul

RT: 17.773 min Scan# 2423

Delta R.T. 0.002 min

Lab File: BG057228.D

Acq: 28 Apr 2023 22:13

Instrument :

BNA_G

ClientSampleId :

EW906MSD

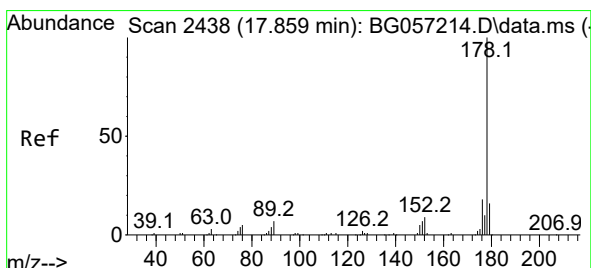
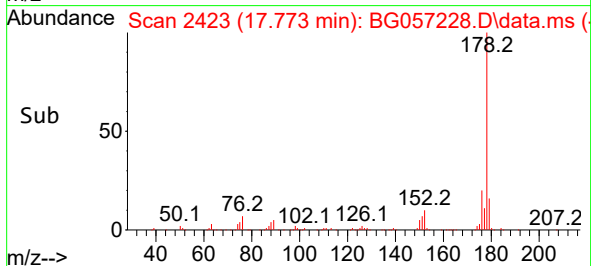
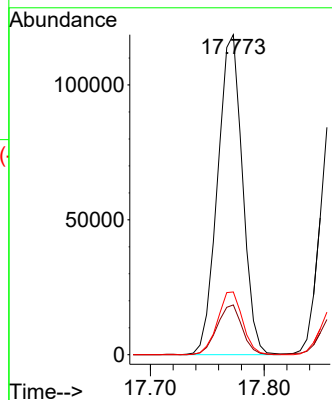
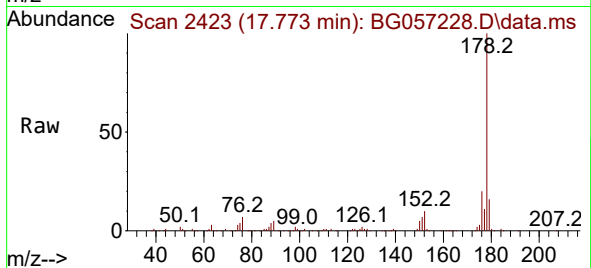
Tgt Ion:178 Resp: 180126

Ion Ratio Lower Upper

178 100

179 15.5 11.8 17.8

176 19.6 15.4 23.0



#74

Anthracene

Concen: 25.452 ng/ul

RT: 17.861 min Scan# 2438

Delta R.T. 0.002 min

Lab File: BG057228.D

Acq: 28 Apr 2023 22:13

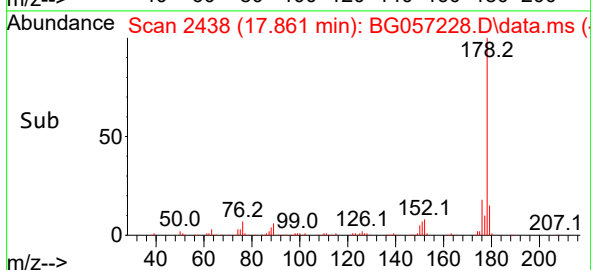
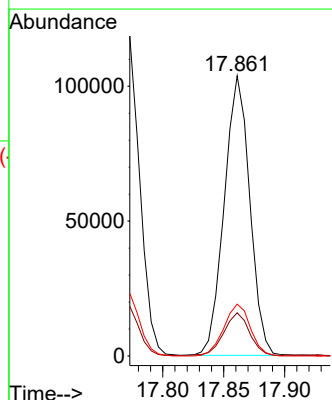
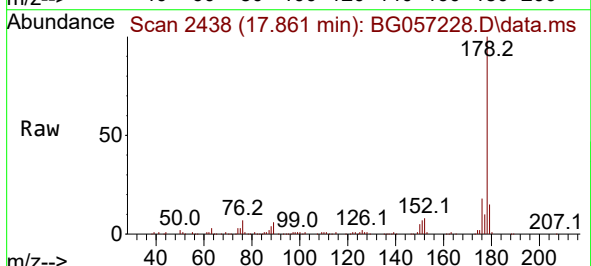
Tgt Ion:178 Resp: 151199

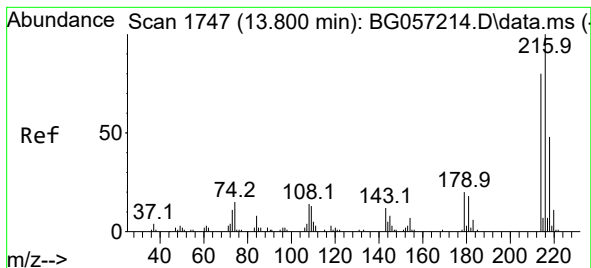
Ion Ratio Lower Upper

178 100

179 15.4 12.5 18.7

176 18.5 14.7 22.1

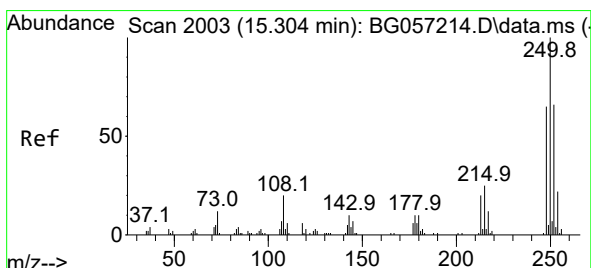
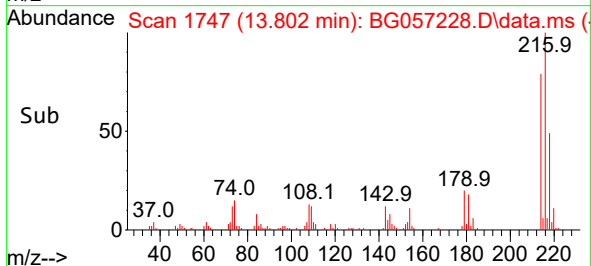
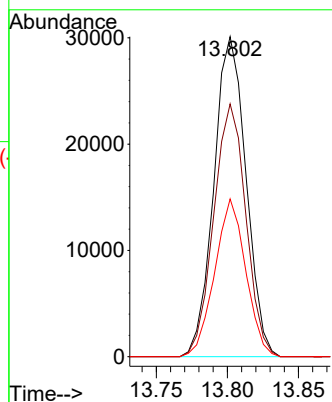
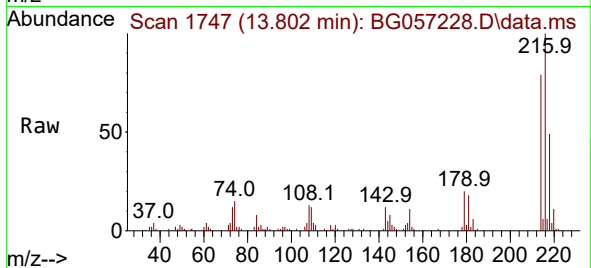




#75
1,2,3,4-Tetrachlorobenzene
Concen: 27.777 ng/uL
RT: 13.802 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG057228.D
Acq: 28 Apr 2023 22:13

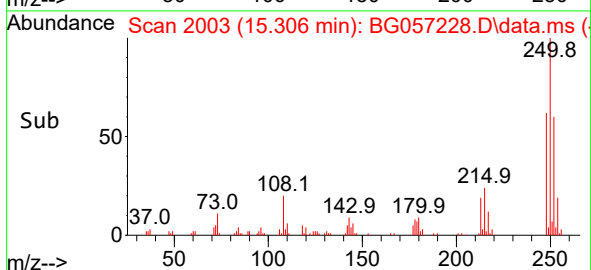
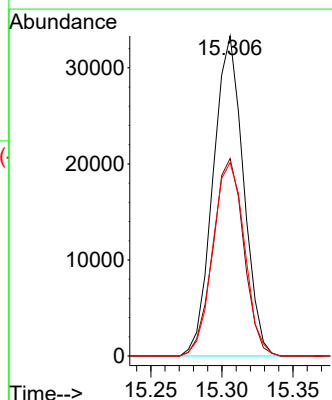
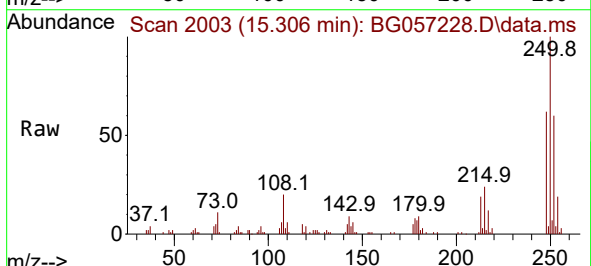
Instrument :
BNA_G
ClientSampleId :
EW906MSD

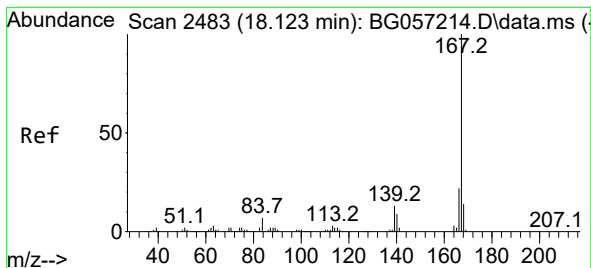
Tgt Ion:216 Resp: 47447
Ion Ratio Lower Upper
216 100
214 79.0 64.3 96.5
218 49.3 38.5 57.7



#76
Pentachlorobenzene
Concen: 28.458 ng/uL
RT: 15.306 min Scan# 2003
Delta R.T. 0.002 min
Lab File: BG057228.D
Acq: 28 Apr 2023 22:13

Tgt Ion:250 Resp: 49480
Ion Ratio Lower Upper
250 100
248 61.7 52.2 78.2
252 60.4 52.5 78.7





#77

Carbazole

Concen: 26.177 ng/ul

RT: 18.125 min Scan# 24

Delta R.T. 0.002 min

Lab File: BG057228.D

Acq: 28 Apr 2023 22:13

Instrument :

BNA_G

ClientSampleId :

EW906MSD

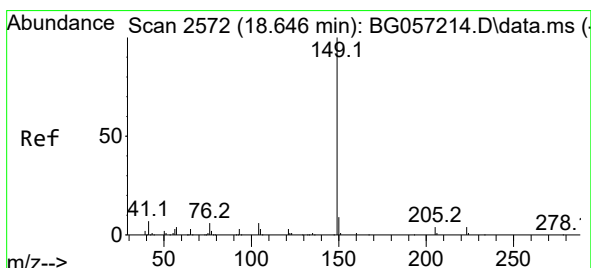
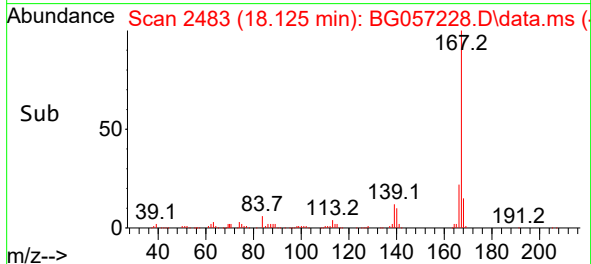
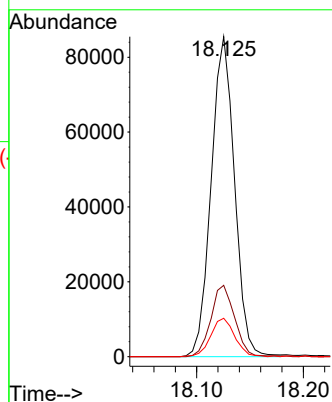
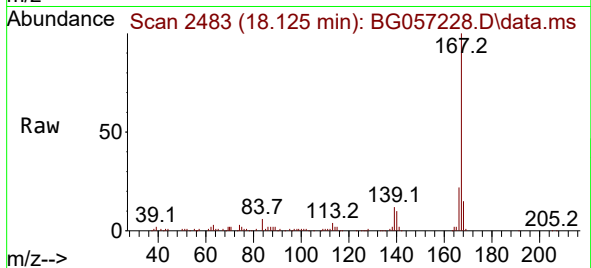
Tgt Ion:167 Resp: 129956

Ion Ratio Lower Upper

167 100

166 22.3 18.0 27.0

139 12.0 10.3 15.5



#78

Di-n-butylphthalate

Concen: 26.672 ng/ul

RT: 18.642 min Scan# 2571

Delta R.T. -0.004 min

Lab File: BG057228.D

Acq: 28 Apr 2023 22:13

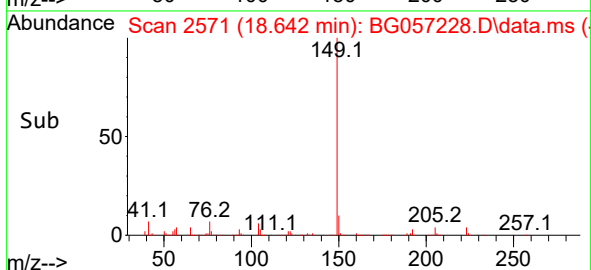
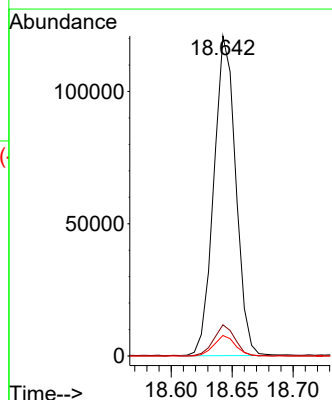
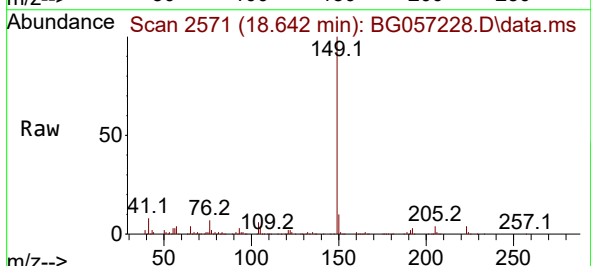
Tgt Ion:149 Resp: 151414

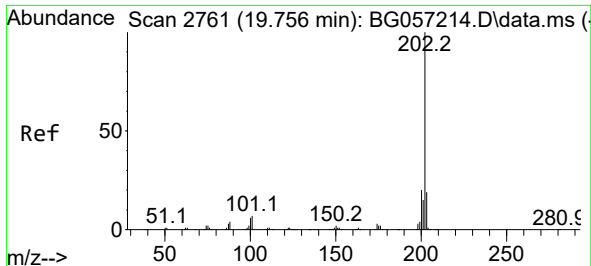
Ion Ratio Lower Upper

149 100

150 9.7 7.3 10.9

104 6.4 5.0 7.6

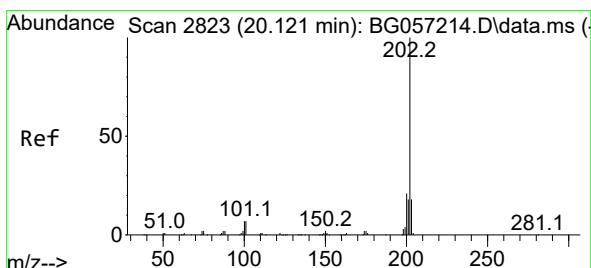
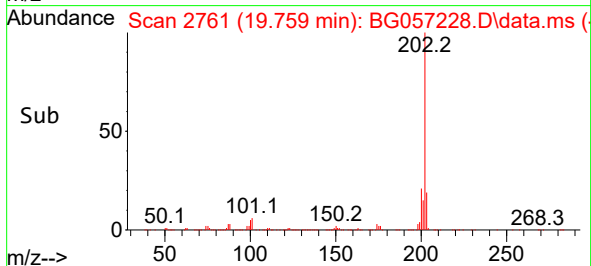
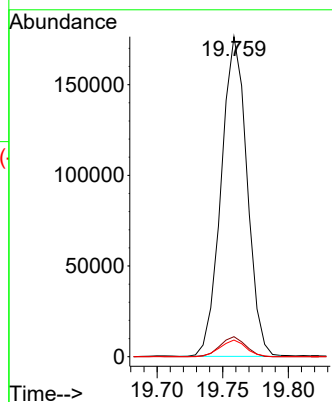
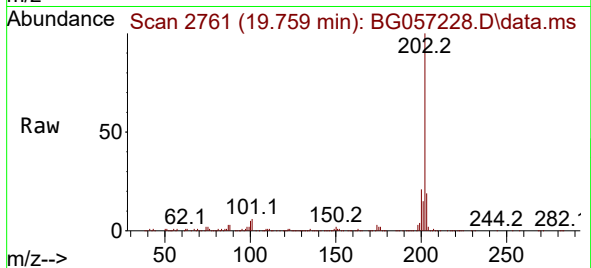




#80
Fluoranthene
Concen: 35.768 ng/ul
RT: 19.759 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG057228.D
Acq: 28 Apr 2023 22:13

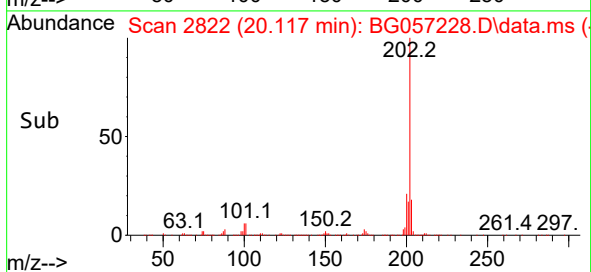
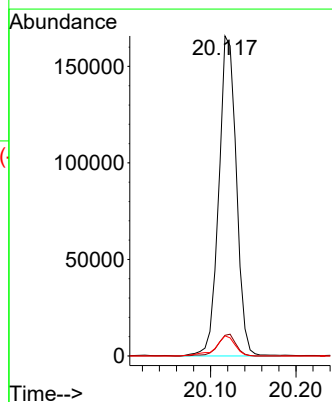
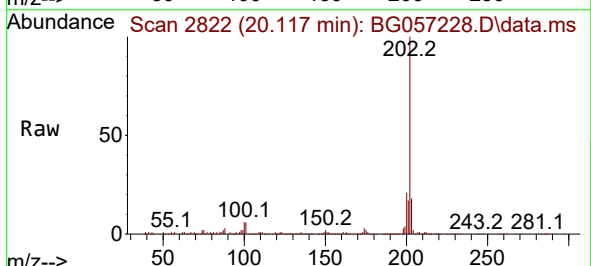
Instrument :
BNA_G
ClientSampleId :
EW906MSD

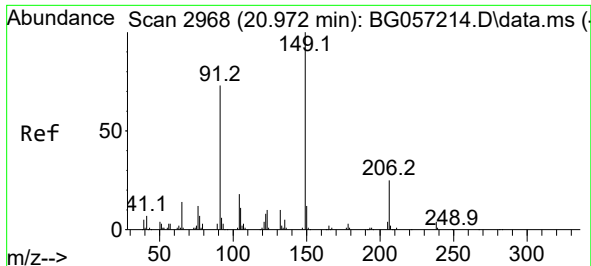
Tgt Ion:202 Resp: 241527
Ion Ratio Lower Upper
202 100
101 6.3 5.8 8.6
100 5.2 4.6 7.0



#82
Pyrene
Concen: 34.631 ng/ul
RT: 20.117 min Scan# 2822
Delta R.T. -0.004 min
Lab File: BG057228.D
Acq: 28 Apr 2023 22:13

Tgt Ion:202 Resp: 236729
Ion Ratio Lower Upper
202 100
101 6.5 5.7 8.5
100 6.3 6.0 9.0

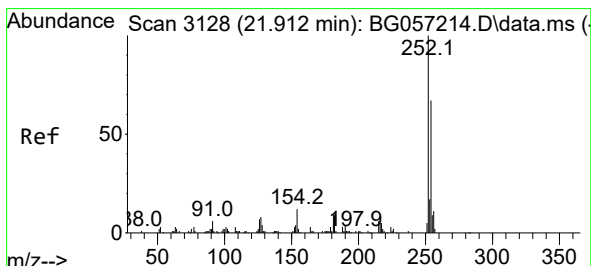
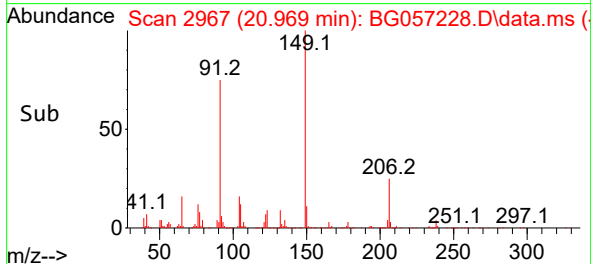
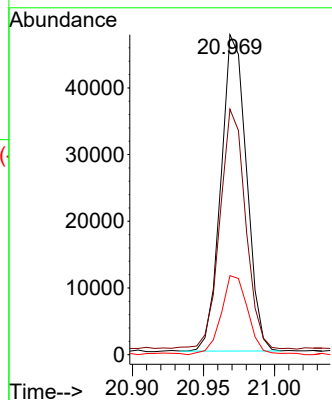
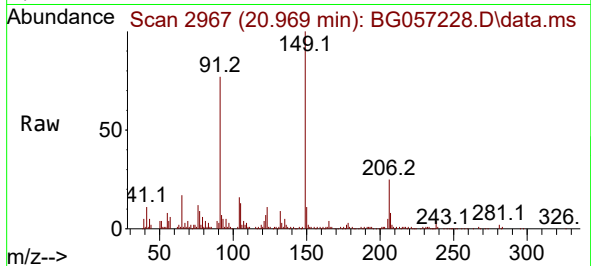




#83
Butylbenzylphthalate
Concen: 27.169 ng/ul
RT: 20.969 min Scan# 2967
Delta R.T. -0.004 min
Lab File: BG057228.D
Acq: 28 Apr 2023 22:13

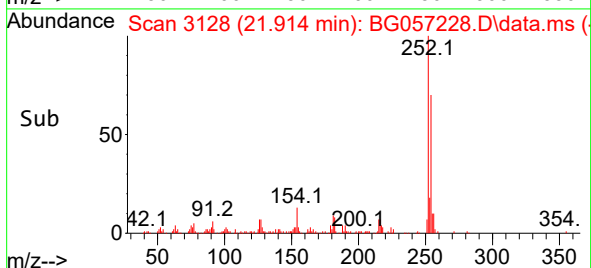
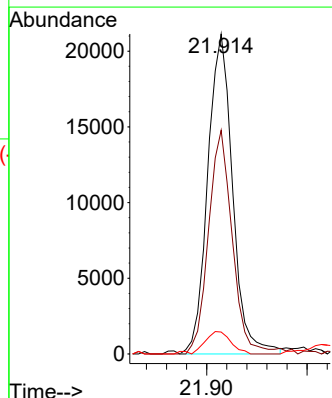
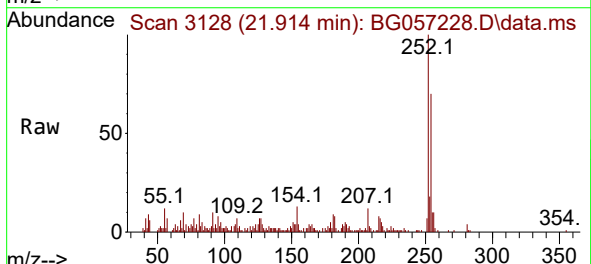
Instrument :
BNA_G
ClientSampleId :
EW906MSD

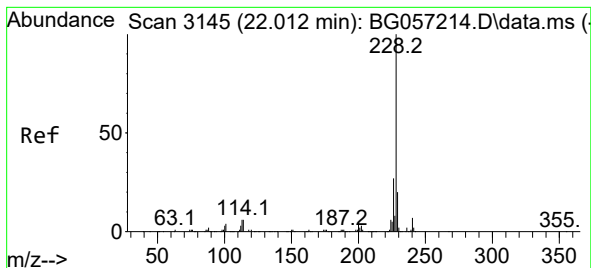
Tgt Ion:149 Resp: 59476
Ion Ratio Lower Upper
149 100
91 76.7 58.6 87.8
206 24.7 19.8 29.8



#84
3,3'-Dichlorobenzidine
Concen: 17.136 ng/ul
RT: 21.914 min Scan# 3128
Delta R.T. 0.002 min
Lab File: BG057228.D
Acq: 28 Apr 2023 22:13

Tgt Ion:252 Resp: 36446
Ion Ratio Lower Upper
252 100
254 69.9 53.7 80.5
126 6.9 5.2 7.8





#85

Benzo(a)anthracene

Concen: 31.936 ng/ul

RT: 22.014 min Scan# 3119

Delta R.T. 0.002 min

Lab File: BG057228.D

Acq: 28 Apr 2023 22:13

Instrument :

BNA_G

ClientSampleId :

EW906MSD

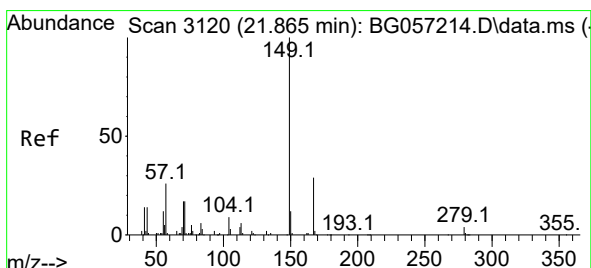
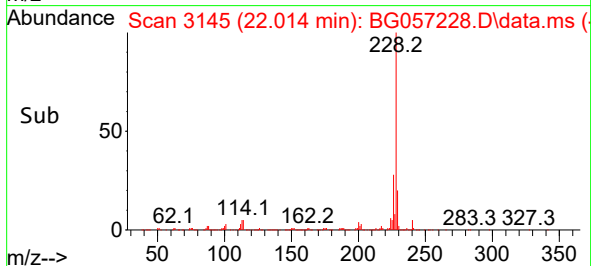
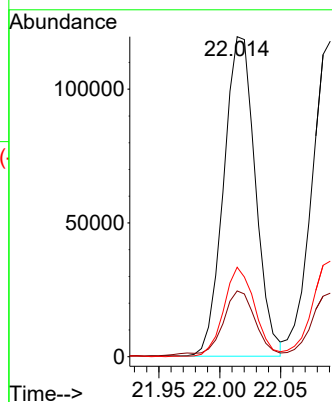
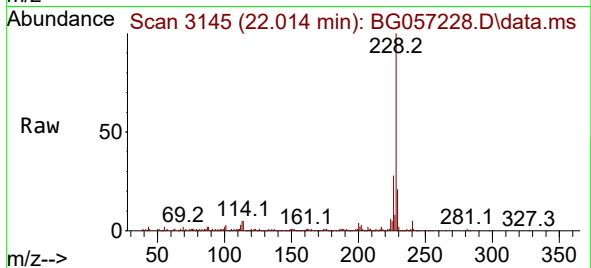
Tgt Ion:228 Resp: 216311

Ion Ratio Lower Upper

228 100

229 20.5 15.8 23.6

226 28.0 21.7 32.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 27.327 ng/ul

RT: 21.862 min Scan# 3119

Delta R.T. -0.004 min

Lab File: BG057228.D

Acq: 28 Apr 2023 22:13

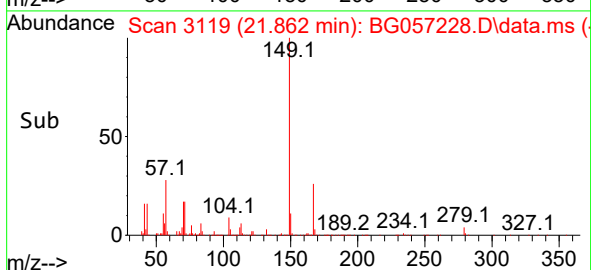
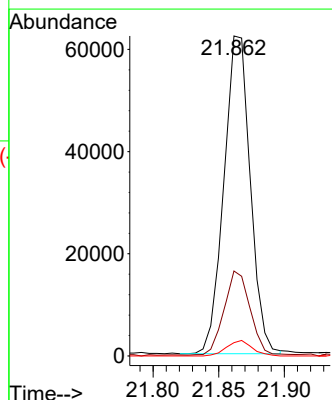
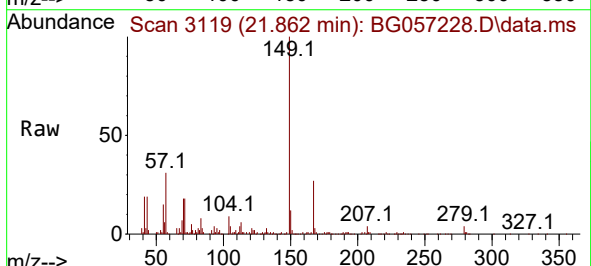
Tgt Ion:149 Resp: 87007

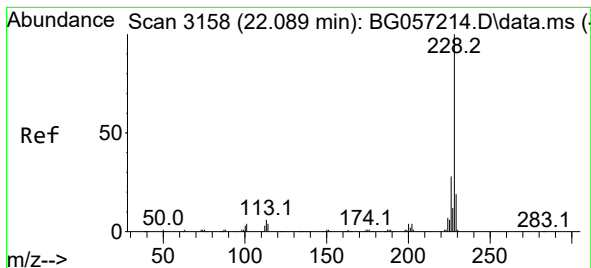
Ion Ratio Lower Upper

149 100

167 26.5 23.0 34.6

279 4.2 3.6 5.4





#87

Chrysene

Concen: 32.076 ng/ul

RT: 22.091 min Scan# 3158

Delta R.T. 0.002 min

Lab File: BG057228.D

Acq: 28 Apr 2023 22:13

Instrument :

BNA_G

ClientSampleId :

EW906MSD

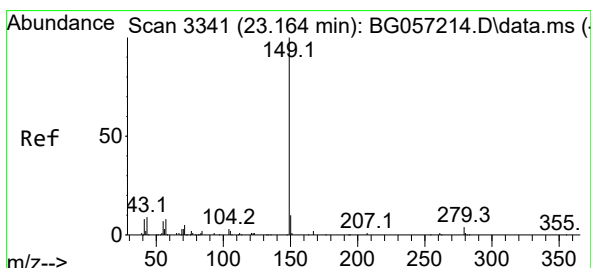
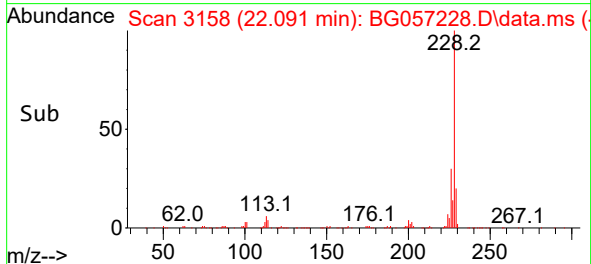
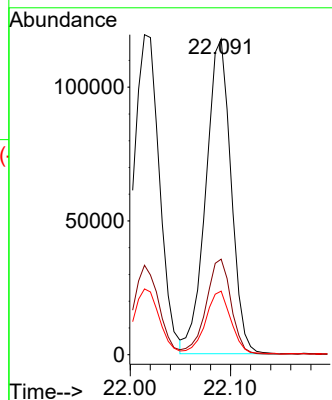
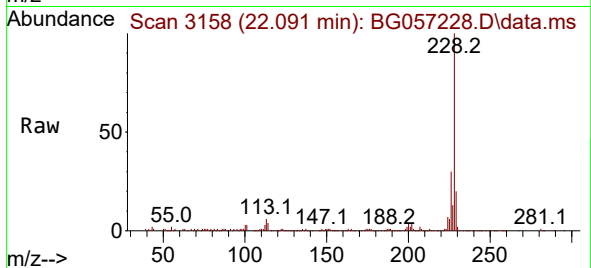
Tgt Ion:228 Resp: 204976

Ion Ratio Lower Upper

228 100

226 30.3 22.8 34.2

229 20.1 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 25.286 ng/ul

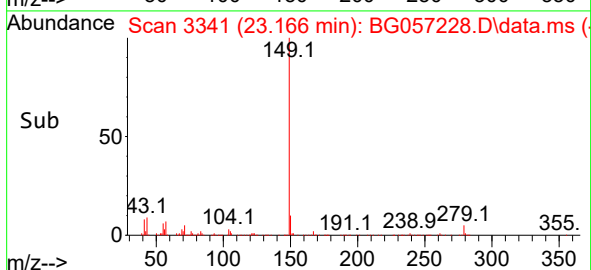
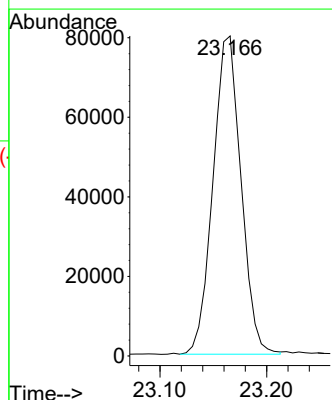
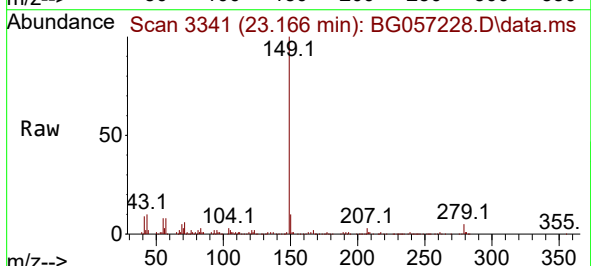
RT: 23.166 min Scan# 3341

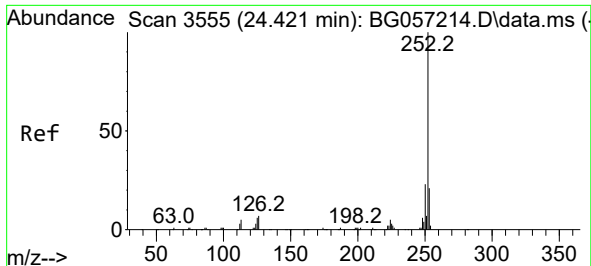
Delta R.T. 0.002 min

Lab File: BG057228.D

Acq: 28 Apr 2023 22:13

Tgt Ion:149 Resp: 145631

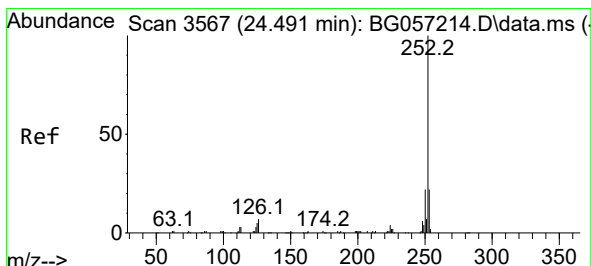
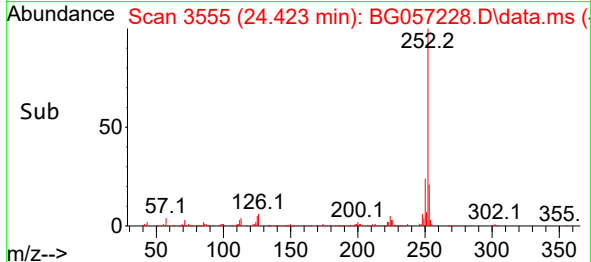
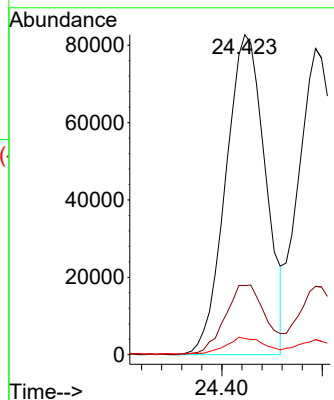
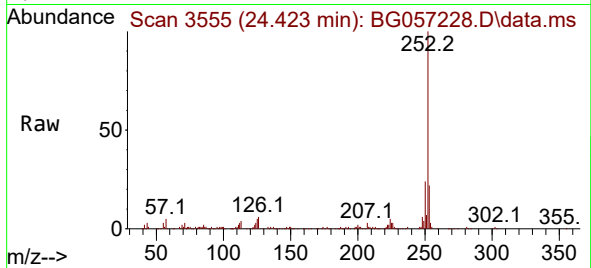




#90
Benzo(b)fluoranthene
Concen: 31.508 ng/ul
RT: 24.423 min Scan# 3555
Delta R.T. 0.002 min
Lab File: BG057228.D
Acq: 28 Apr 2023 22:13

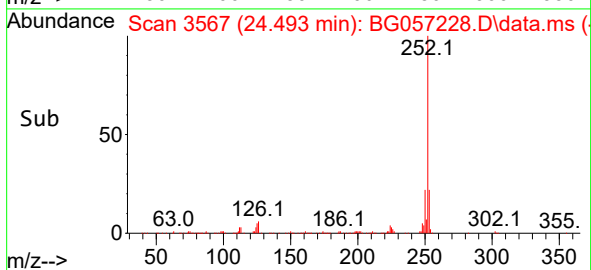
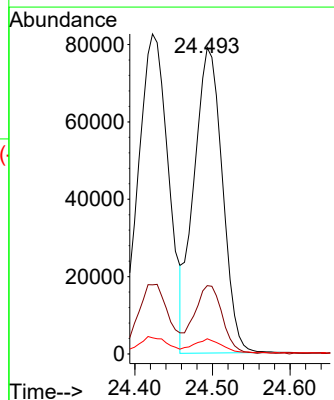
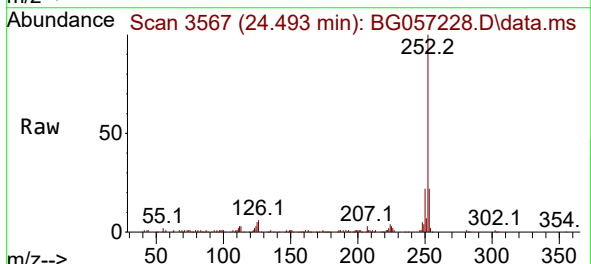
Instrument :
BNA_G
ClientSampleId :
EW906MSD

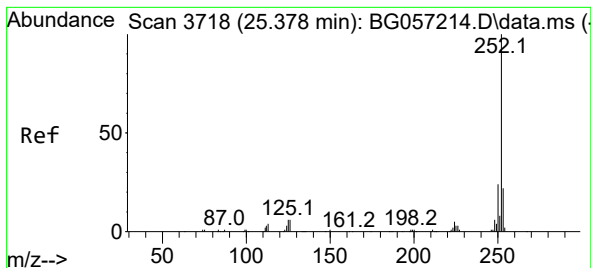
Tgt Ion:252 Resp: 227554
Ion Ratio Lower Upper
252 100
253 21.6 16.7 25.1
125 5.1 4.8 7.2



#91
Benzo(k)fluoranthene
Concen: 28.631 ng/ul
RT: 24.493 min Scan# 3567
Delta R.T. 0.002 min
Lab File: BG057228.D
Acq: 28 Apr 2023 22:13

Tgt Ion:252 Resp: 201172
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 5.0 4.5 6.7





#93

Benzo(a)pyrene

Concen: 30.736 ng/ul

RT: 25.386 min Scan# 3719

Delta R.T. 0.008 min

Lab File: BG057228.D

Acq: 28 Apr 2023 22:13

Instrument :

BNA_G

ClientSampleId :

EW906MSD

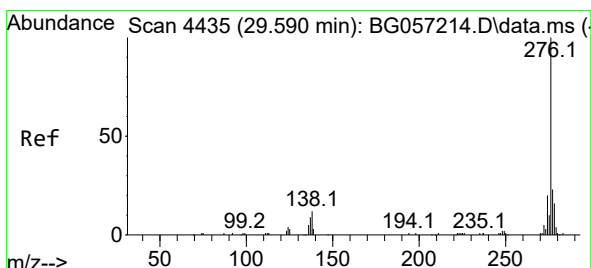
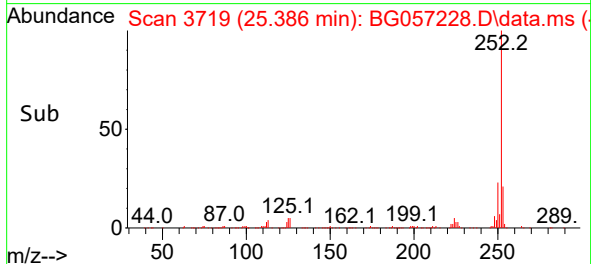
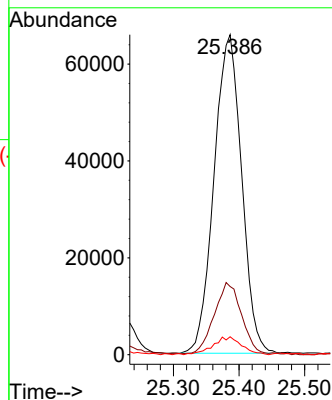
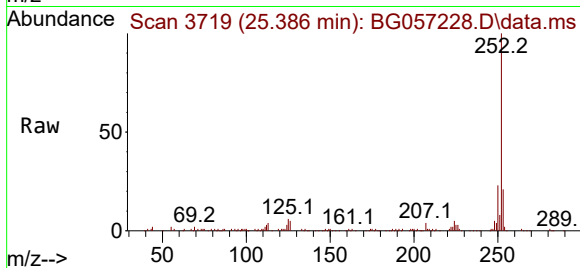
Tgt Ion:252 Resp: 191641

Ion Ratio Lower Upper

252 100

253 21.3 17.2 25.8

125 5.6 5.1 7.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 30.546 ng/ul

RT: 29.592 min Scan# 4435

Delta R.T. 0.002 min

Lab File: BG057228.D

Acq: 28 Apr 2023 22:13

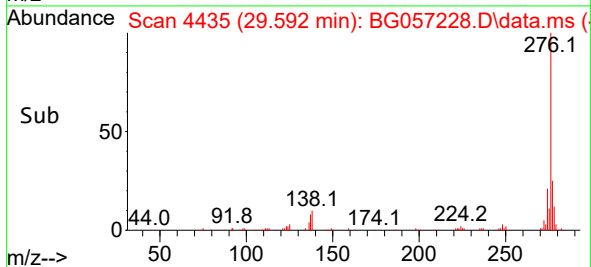
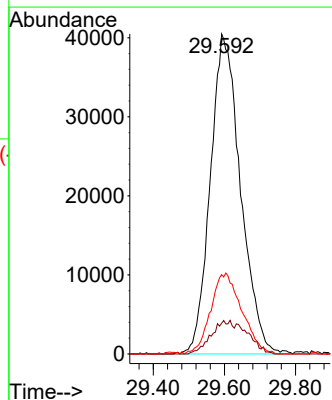
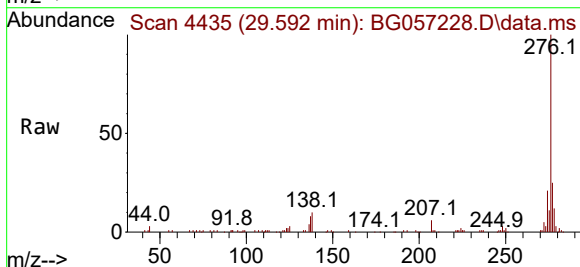
Tgt Ion:276 Resp: 238081

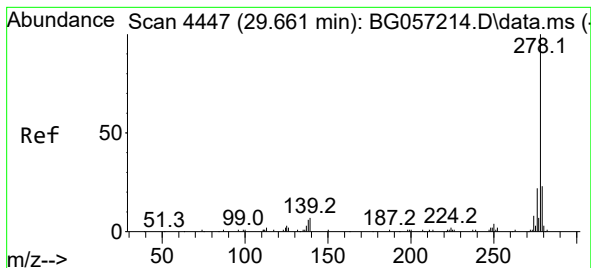
Ion Ratio Lower Upper

276 100

138 9.6 9.4 14.2

277 24.8 18.6 28.0





#95

Dibenzo(a,h)anthracene

Concen: 28.298 ng/ul

RT: 29.657 min Scan# 4446

Delta R.T. -0.004 min

Lab File: BG057228.D

Acq: 28 Apr 2023 22:13

Instrument :

BNA_G

ClientSampleId :

EW906MSD

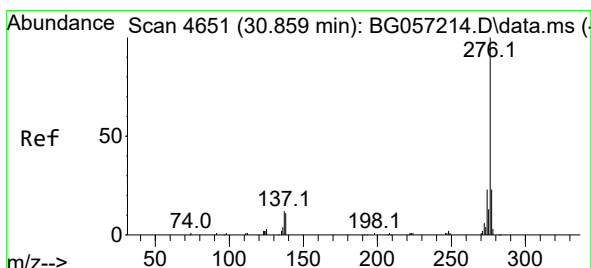
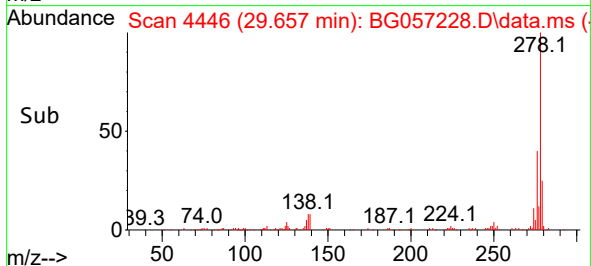
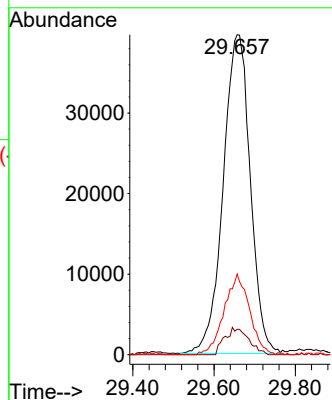
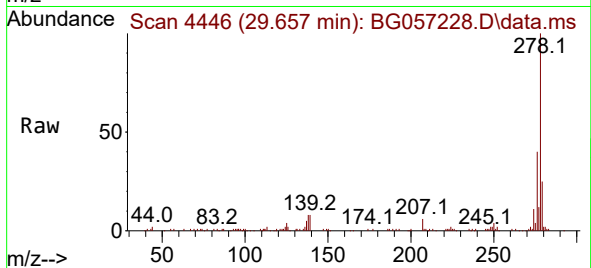
Tgt Ion:278 Resp: 182885

Ion Ratio Lower Upper

278 100

139 7.9 5.8 8.6

279 25.2 18.3 27.5



#96

Benzo(g,h,i)perylene

Concen: 25.301 ng/ul

RT: 30.873 min Scan# 4653

Delta R.T. 0.014 min

Lab File: BG057228.D

Acq: 28 Apr 2023 22:13

Tgt Ion:276 Resp: 159595

Ion Ratio Lower Upper

276 100

138 12.3 8.7 13.1

277 24.0 18.4 27.6

