

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040723\
 Data File : BG057026.D
 Acq On : 7 Apr 2023 14:36
 Operator : CG/JU
 Sample : 02222-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E-H4(ELEV-24)MS

Quant Time: Apr 08 04:49:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 08 04:45:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.407	152	14259	20.000	ng	0.00
21) Naphthalene-d8	11.245	136	57802	20.000	ng	0.00
39) Acenaphthene-d10	15.022	164	45120	20.000	ng	0.00
64) Phenanthrene-d10	17.759	188	109667	20.000	ng	0.00
76) Chrysene-d12	22.083	240	95001	20.000	ng	0.00
86) Perylene-d12	25.625	264	101954	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	94359	105.910	ng	0.00
7) Phenol-d6	7.544	99	140229	105.237	ng	0.00
23) Nitrobenzene-d5	9.582	82	89388	63.277	ng	0.00
42) 2,4,6-Tribromophenol	16.502	330	74562	103.442	ng	0.00
45) 2-Fluorobiphenyl	13.647	172	205445	61.743	ng	0.00
79) Terphenyl-d14	20.327	244	374588	66.722	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.714	88	15359	39.326	ng	95
3) Pyridine	4.143	79	44421	35.313	ng	96
4) n-Nitrosodimethylamine	4.049	42	23157	40.039	ng	94
6) Aniline	7.714	93	58824	34.532	ng	96
8) 2-Chlorophenol	7.967	128	44766	50.445	ng	91
9) Benzaldehyde	7.526	77	31048	37.149	ng	95
10) Phenol	7.567	94	66095	50.059	ng	95
11) bis(2-Chloroethyl)ether	7.802	93	42094	44.757	ng	96
12) 1,3-Dichlorobenzene	8.296	146	47648	48.593	ng	96
13) 1,4-Dichlorobenzene	8.443	146	48805	49.315	ng	97
14) 1,2-Dichlorobenzene	8.766	146	46145	48.263	ng	92
15) Benzyl Alcohol	8.642	79	51722	46.714	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.924	45	49182	43.390	ng	99
17) 2-Methylphenol	8.842	107	45279	48.068	ng	91
18) Hexachloroethane	9.506	117	17489	48.350	ng	91
19) n-Nitroso-di-n-propyla...	9.206	70	39351	41.287	ng	# 99
20) 3+4-Methylphenols	9.165	107	59840	45.429	ng	97
22) Acetophenone	9.236	105	75250	43.751	ng	# 96
24) Nitrobenzene	9.629	77	61490	42.575	ng	95
25) Isophorone	10.146	82	108224	40.231	ng	98
26) 2-Nitrophenol	10.346	139	26570	47.662	ng	91
27) 2,4-Dimethylphenol	10.387	122	48053	48.821	ng	100
28) bis(2-Chloroethoxy)met...	10.622	93	57524	42.714	ng	96
29) 2,4-Dichlorophenol	10.886	162	50799	47.990	ng	96
30) 1,2,4-Trichlorobenzene	11.104	180	50854	45.215	ng	95
31) Naphthalene	11.298	128	137978	43.794	ng	99
32) Benzoic acid	10.528	122	29088	43.023	ng	# 83
33) 4-Chloroaniline	11.398	127	39987	28.102	ng	97
34) Hexachlorobutadiene	11.574	225	37183	44.010	ng	95
35) Caprolactam	12.161	113	9966	27.300	ng	98
36) 4-Chloro-3-methylphenol	12.490	107	55361	46.766	ng	99
37) 2-Methylnaphthalene	12.872	142	103615	41.437	ng	97
38) 1-Methylnaphthalene	13.089	142	97179	41.388	ng	100
40) 1,2,4,5-Tetrachloroben...	13.236	216	71494	45.694	ng	98
41) Hexachlorocyclopentadiene	13.207	237	97117	112.655	ng	98
43) 2,4,6-Trichlorophenol	13.465	196	47129	47.202	ng	98

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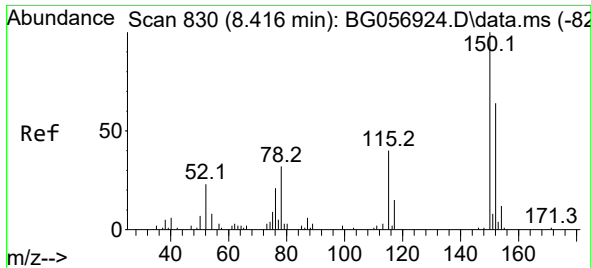
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 08 04:45:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.536	196	49877	42.168	ng	94
46) 1,1'-Biphenyl	13.859	154	152253	46.097	ng	99
47) 2-Chloronaphthalene	13.912	162	113576	46.494	ng	99
48) 2-Nitroaniline	14.100	65	38469	44.041	ng	97
49) Acenaphthylene	14.752	152	180230	44.905	ng	98
50) Dimethylphthalate	14.458	163	155171	43.647	ng	97
51) 2,6-Dinitrotoluene	14.587	165	34671	45.137	ng	91
52) Acenaphthene	15.087	154	113430	40.978	ng	98
53) 3-Nitroaniline	14.916	138	23945	31.494	ng	97
54) 2,4-Dinitrophenol	15.122	184	48059	111.158	ng	90
55) Dibenzofuran	15.416	168	183716	44.220	ng	100
56) 4-Nitrophenol	15.216	139	55640	98.965	ng	89
57) 2,4-Dinitrotoluene	15.369	165	49892	46.053	ng	# 95
58) Fluorene	16.062	166	150306	43.721	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.639	232	48515	45.048	ng	# 99
60) Diethylphthalate	15.803	149	158990	44.610	ng	100
61) 4-Chlorophenyl-phenyle...	16.038	204	89160	44.172	ng	97
62) 4-Nitroaniline	16.079	138	34603	43.927	ng	95
63) Azobenzene	16.332	77	173584	48.872	ng	97
65) 4,6-Dinitro-2-methylph...	16.132	198	34459	51.881	ng	98
66) n-Nitrosodiphenylamine	16.256	169	131728	44.746	ng	98
67) 4-Bromophenyl-phenylether	16.937	248	58786	43.323	ng	93
68) Hexachlorobenzene	17.066	284	65791	49.042	ng	95
69) Atrazine	17.190	200	57222	46.825	ng	95
70) Pentachlorophenol	17.407	266	80730	83.881	ng	97
71) Phenanthrene	17.807	178	248487	44.441	ng	99
72) Anthracene	17.895	178	254136	44.337	ng	100
73) Carbazole	18.159	167	224404	44.904	ng	94
74) Di-n-butylphthalate	18.676	149	255785	44.200	ng	99
75) Fluoranthene	19.792	202	299168	42.208	ng	97
77) Benzidine	19.957	184	172692	66.505	ng	99
78) Pyrene	20.150	202	297559	45.285	ng	99
80) Butylbenzylphthalate	21.008	149	106409	47.060	ng	94
81) Benzo(a)anthracene	22.060	228	292501	44.493	ng	99
82) 3,3'-Dichlorobenzidine	21.954	252	56658	25.523	ng	96
83) Chrysene	22.136	228	270161	43.890	ng	100
84) Bis(2-ethylhexyl)phtha...	21.913	149	149105	45.540	ng	99
85) Di-n-octyl phthalate	23.223	149	253501	45.945	ng	99
87) Indeno(1,2,3-cd)pyrene	29.714	276	342064	45.397	ng	# 98
88) Benzo(b)fluoranthene	24.492	252	298702	46.852	ng	97
89) Benzo(k)fluoranthene	24.562	252	301901	47.433	ng	100
90) Benzo(a)pyrene	25.455	252	263166	42.006	ng	98
91) Dibenzo(a,h)anthracene	29.784	278	291344	47.040	ng	96
92) Benzo(g,h,i)perylene	31.006	276	274804	45.312	ng	98

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

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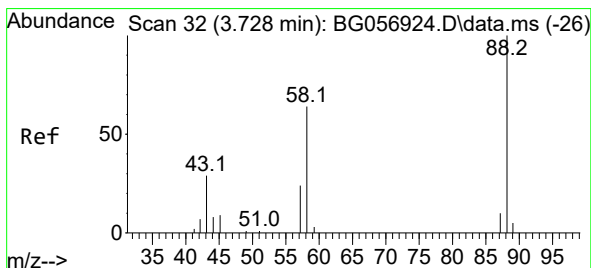
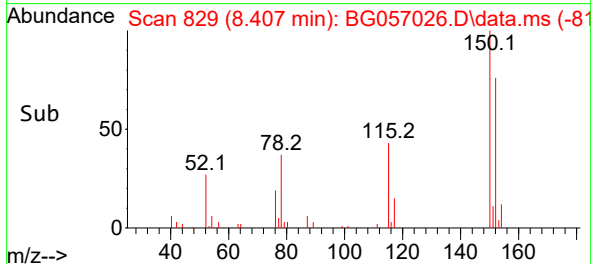
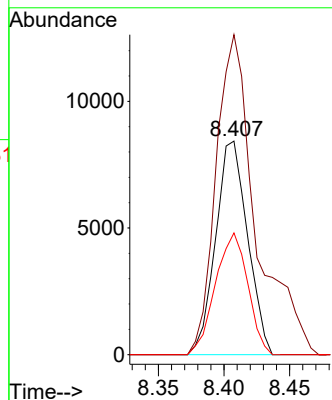
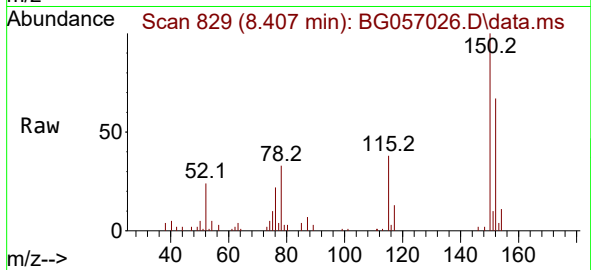




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.407 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

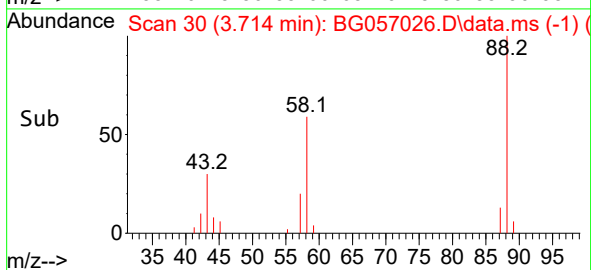
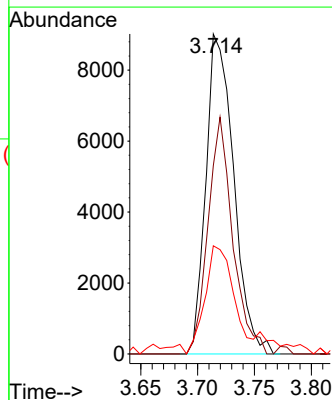
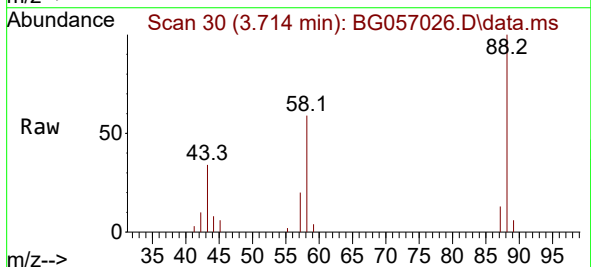
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS

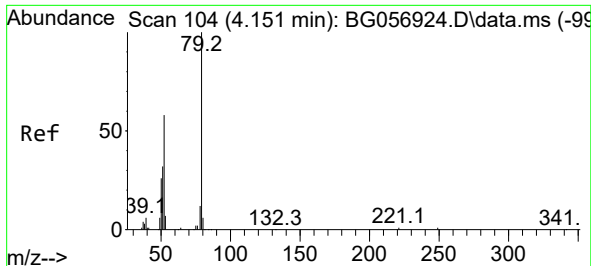
Tgt Ion:152 Resp: 14259
Ion Ratio Lower Upper
152 100
150 149.8 124.1 186.1
115 57.0 49.1 73.7



#2
1,4-Dioxane
Concen: 39.326 ng
RT: 3.714 min Scan# 30
Delta R.T. -0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

Tgt Ion: 88 Resp: 15359
Ion Ratio Lower Upper
88 100
58 65.7 55.9 83.9
43 35.0 25.7 38.5

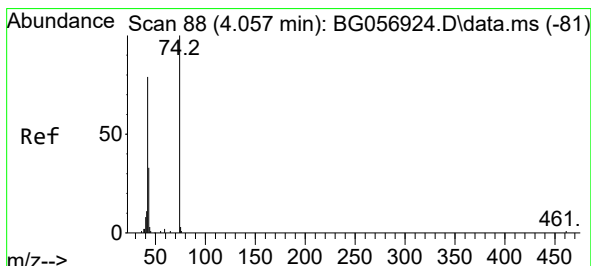
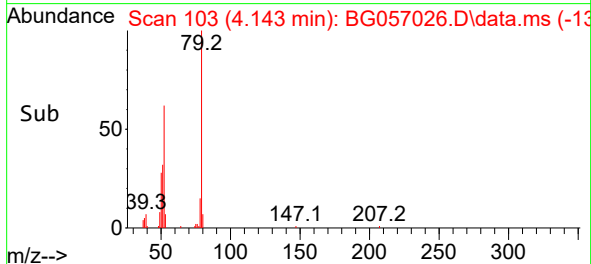
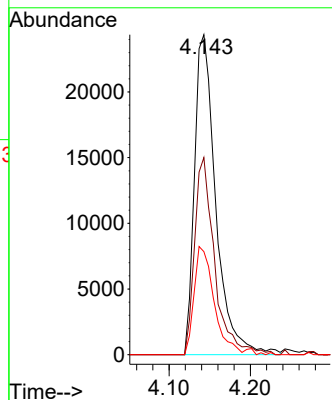
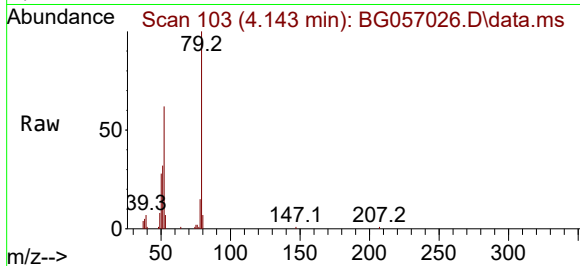




#3
 Pyridine
 Concen: 35.313 ng
 RT: 4.143 min Scan# 104
 Delta R.T. -0.000 min
 Lab File: BG057026.D
 Acq: 7 Apr 2023 14:36

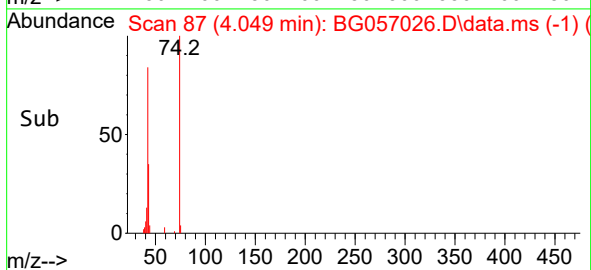
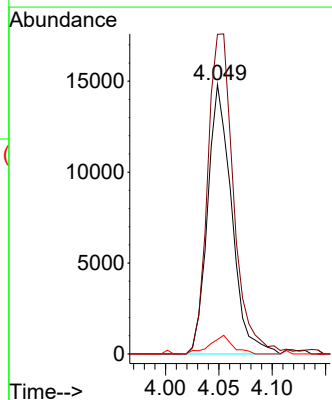
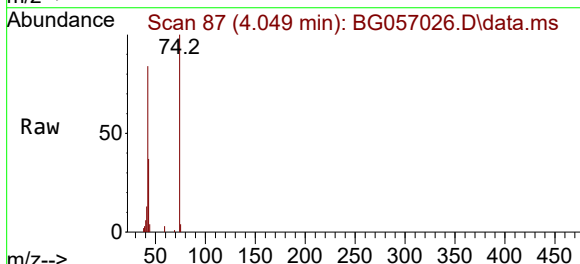
Instrument :
 BNA_G
 ClientSampleId :
 E-H4(ELEV-24)MS

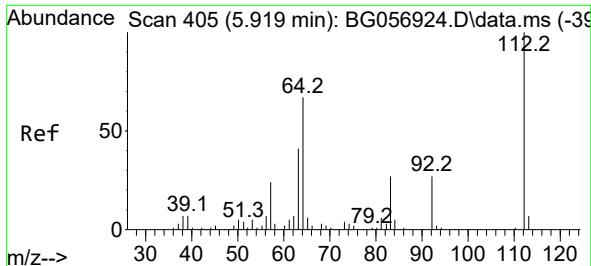
Tgt Ion: 79 Resp: 44421
 Ion Ratio Lower Upper
 79 100
 52 61.6 46.1 69.1
 51 32.2 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 40.039 ng
 RT: 4.049 min Scan# 87
 Delta R.T. -0.000 min
 Lab File: BG057026.D
 Acq: 7 Apr 2023 14:36

Tgt Ion: 42 Resp: 23157
 Ion Ratio Lower Upper
 42 100
 74 118.7 100.6 151.0
 44 5.3 4.6 7.0

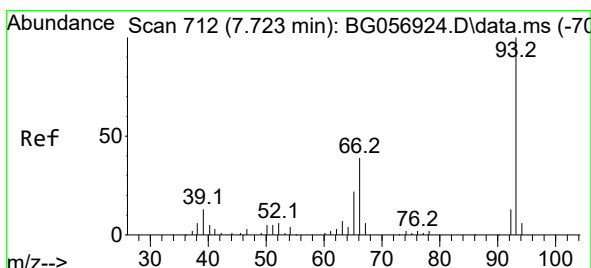
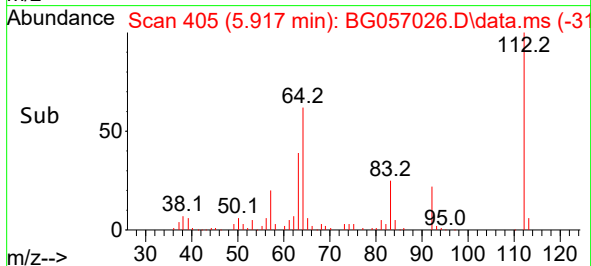
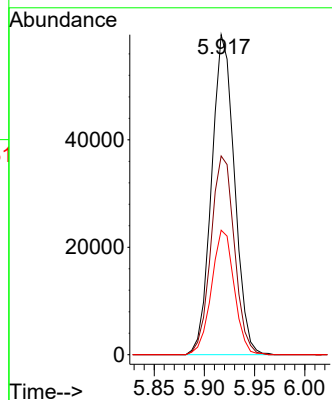
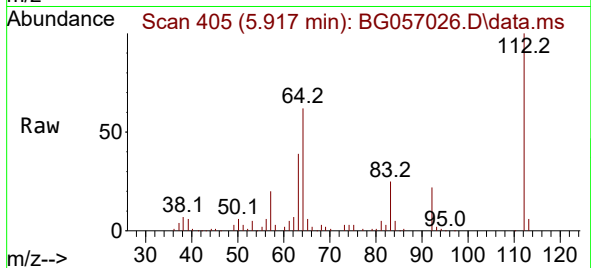




#5
2-Fluorophenol
Concen: 105.910 ng
RT: 5.917 min Scan# 405
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

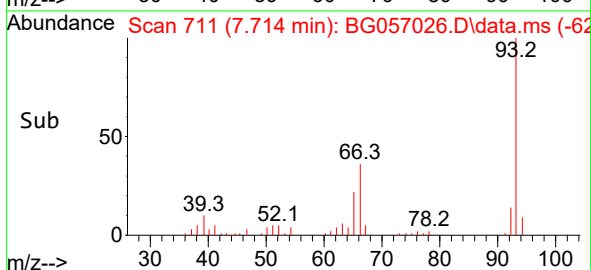
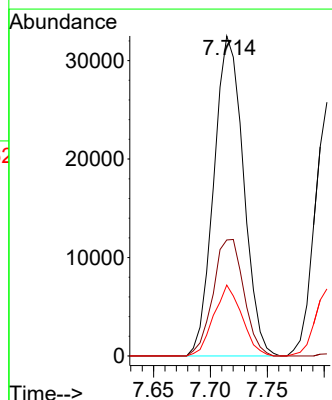
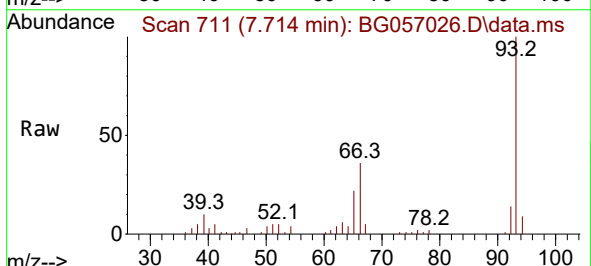
Instrument :
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ClientSampleId :
E-H4(ELEV-24)MS

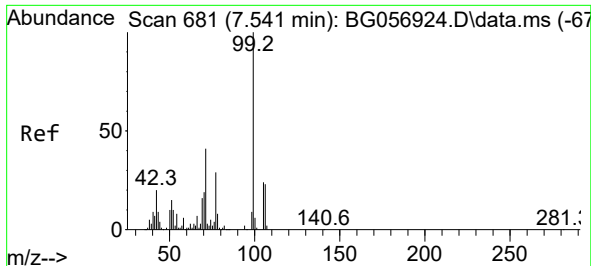
Tgt Ion:112 Resp: 94359
Ion Ratio Lower Upper
112 100
64 62.1 53.2 79.8
63 38.9 32.6 48.8



#6
Aniline
Concen: 34.532 ng
RT: 7.714 min Scan# 711
Delta R.T. -0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

Tgt Ion: 93 Resp: 58824
Ion Ratio Lower Upper
93 100
66 36.2 31.4 47.0
65 22.1 17.3 25.9

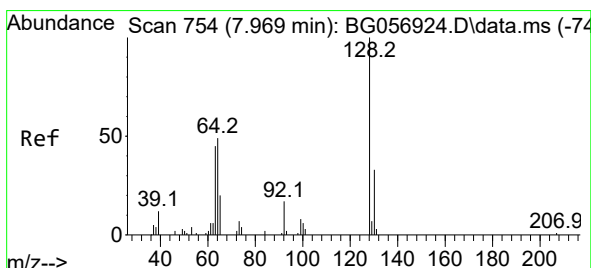
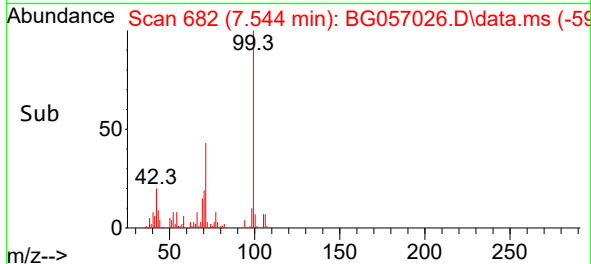
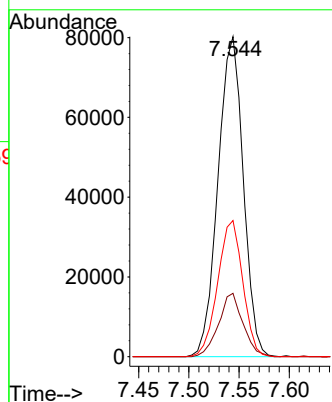
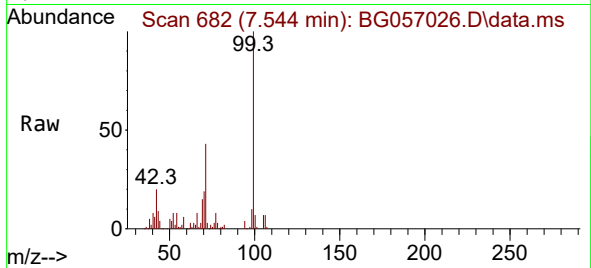




#7
Phenol-d6
Concen: 105.237 ng
RT: 7.544 min Scan# 681
Delta R.T. 0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

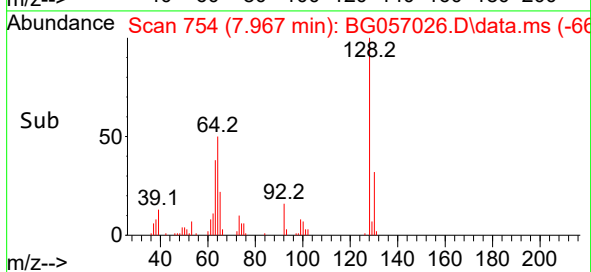
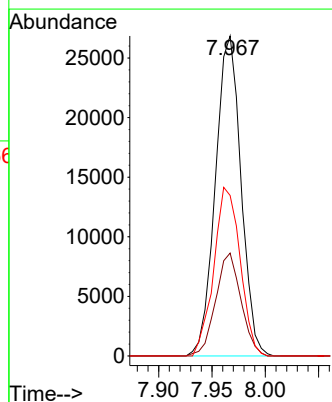
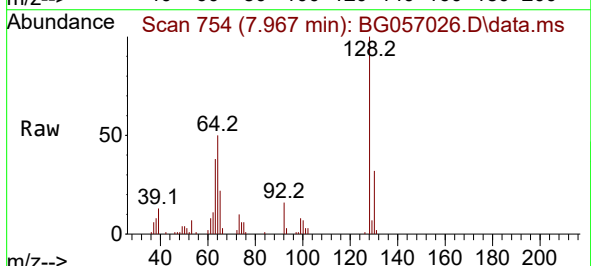
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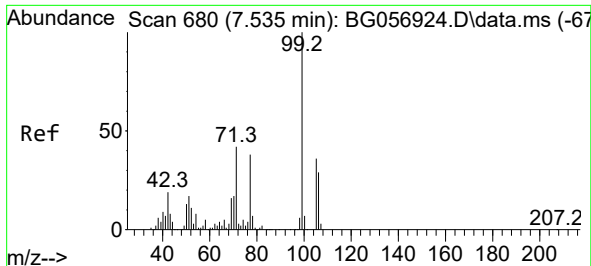
Tgt Ion: 99 Resp: 140229
Ion Ratio Lower Upper
99 100
42 19.8 15.7 23.5
71 42.5 32.5 48.7



#8
2-Chlorophenol
Concen: 50.445 ng
RT: 7.967 min Scan# 754
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

Tgt Ion: 128 Resp: 44766
Ion Ratio Lower Upper
128 100
130 32.2 12.6 52.6
64 50.2 40.6 80.6

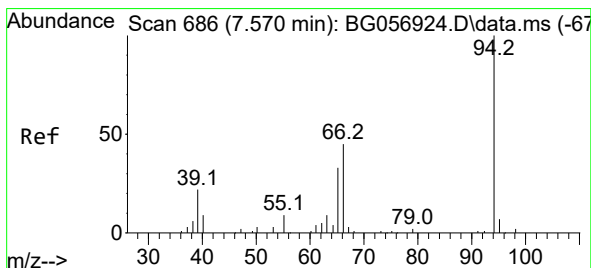
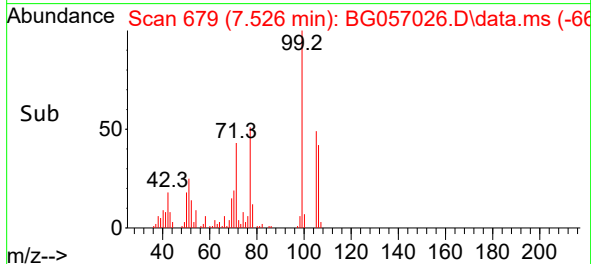
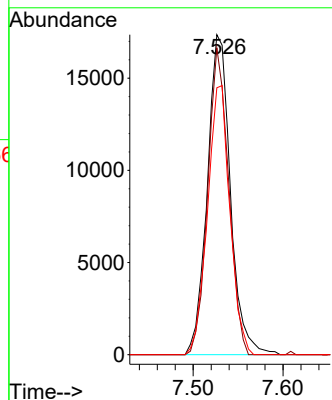
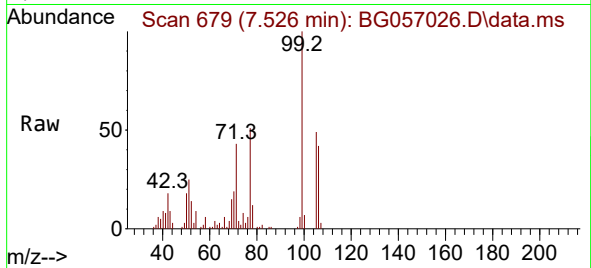




#9
Benzaldehyde
Concen: 37.149 ng
RT: 7.526 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

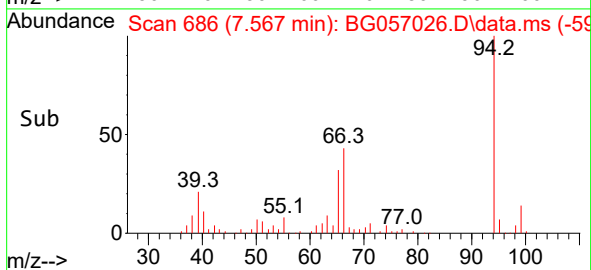
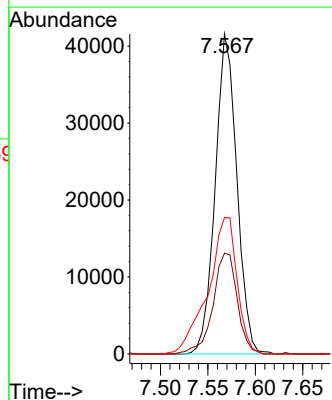
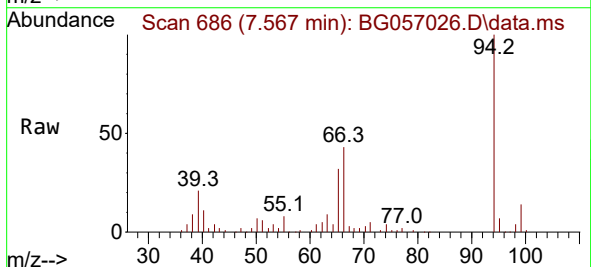
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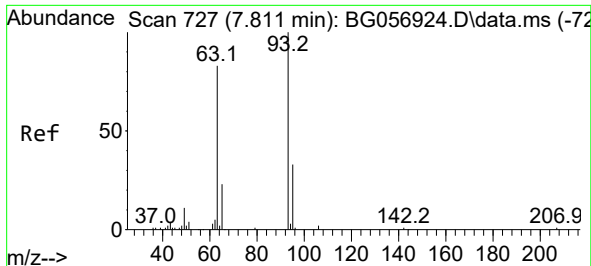
Tgt Ion: 77 Resp: 31048
Ion Ratio Lower Upper
77 100
105 95.9 73.6 113.6
106 83.4 56.7 96.7



#10
Phenol
Concen: 50.059 ng
RT: 7.567 min Scan# 686
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

Tgt Ion: 94 Resp: 66095
Ion Ratio Lower Upper
94 100
65 31.5 13.3 53.3
66 42.6 26.7 66.7

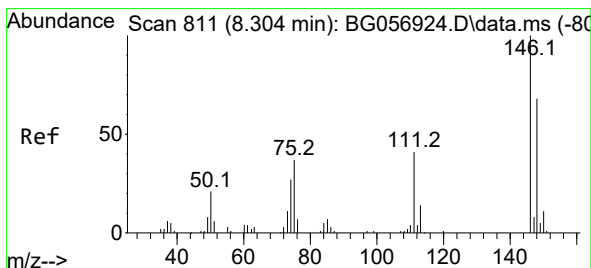
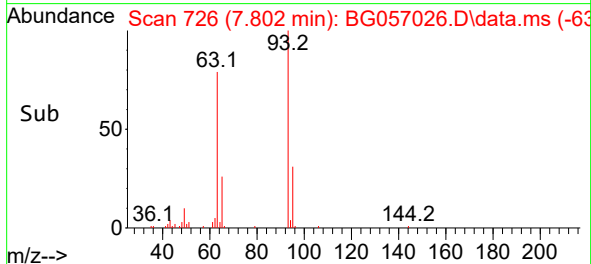
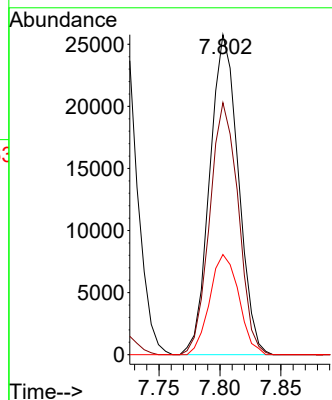
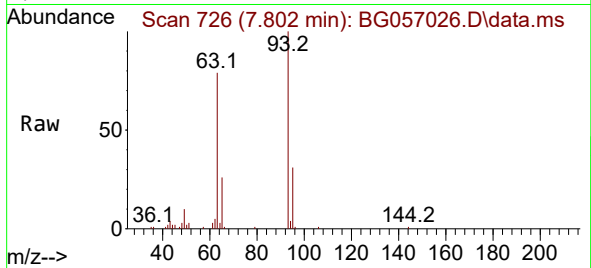




#11
bis(2-Chloroethyl)ether
Concen: 44.757 ng
RT: 7.802 min Scan# 71
Delta R.T. -0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

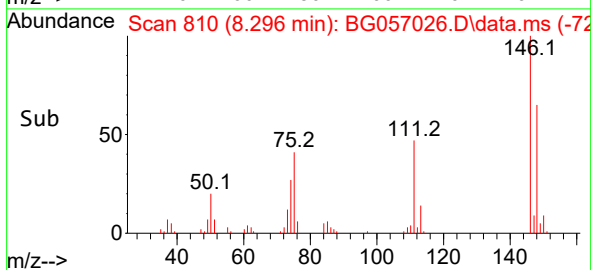
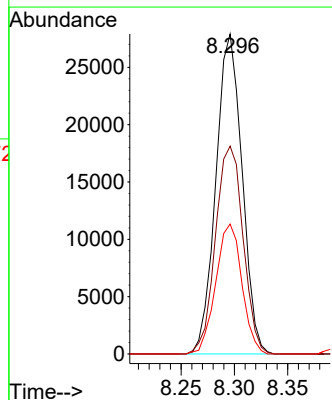
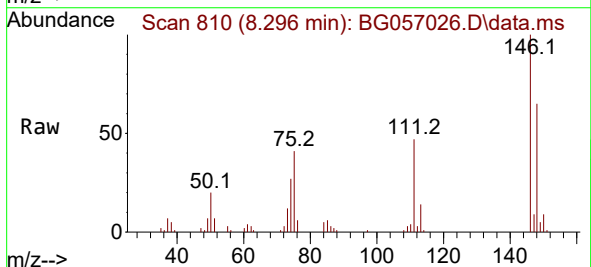
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS

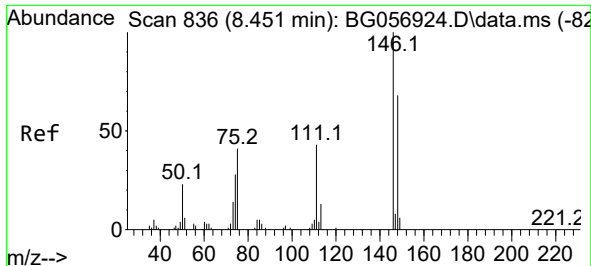
Tgt Ion: 93 Resp: 42094
Ion Ratio Lower Upper
93 100
63 78.8 62.7 102.7
95 31.3 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 48.593 ng
RT: 8.296 min Scan# 810
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

Tgt Ion:146 Resp: 47648
Ion Ratio Lower Upper
146 100
148 64.9 54.2 81.4
75 40.6 29.8 44.8

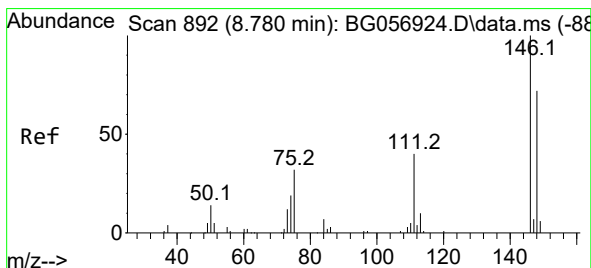
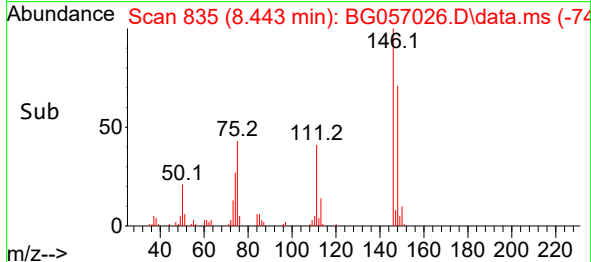
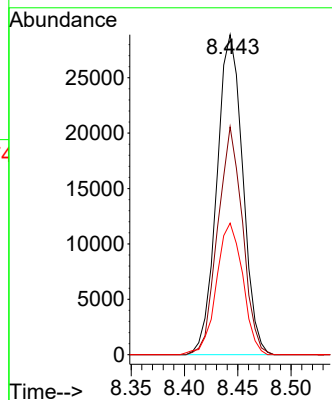
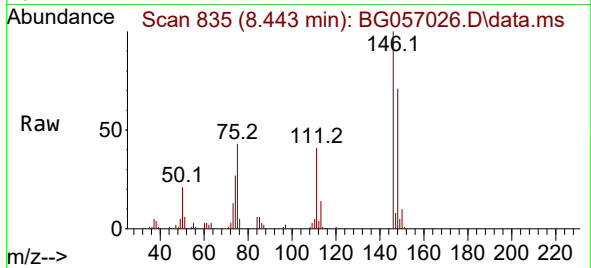




#13
1,4-Dichlorobenzene
Concen: 49.315 ng
RT: 8.443 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

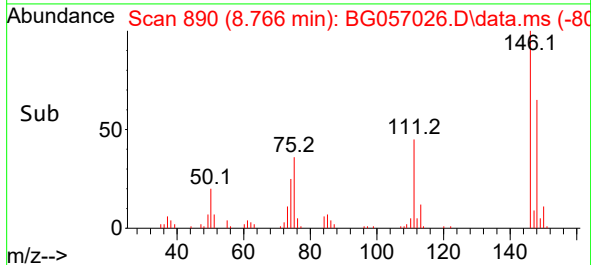
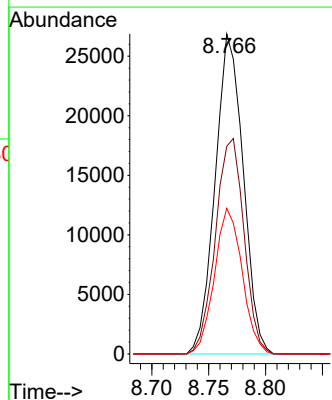
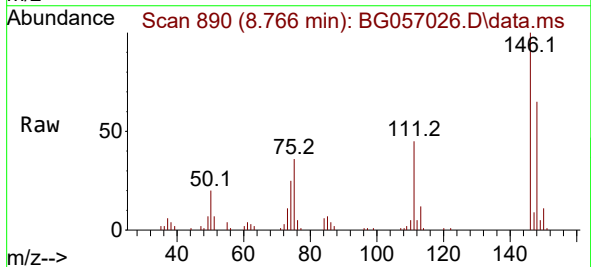
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS

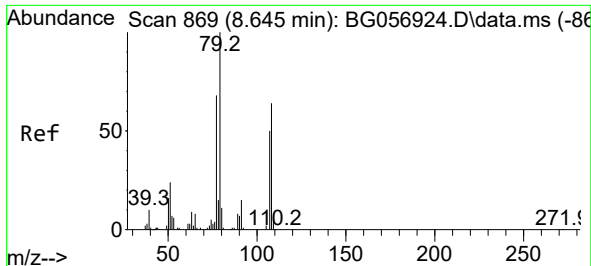
Tgt Ion:146 Resp: 48805
Ion Ratio Lower Upper
146 100
148 71.2 54.8 82.2
111 41.1 34.6 52.0



#14
1,2-Dichlorobenzene
Concen: 48.263 ng
RT: 8.766 min Scan# 890
Delta R.T. -0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

Tgt Ion:146 Resp: 46145
Ion Ratio Lower Upper
146 100
148 64.9 57.4 86.0
111 45.5 33.2 49.8

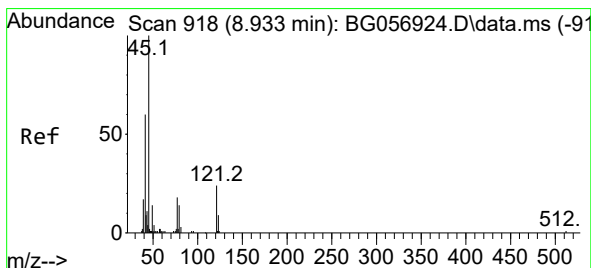
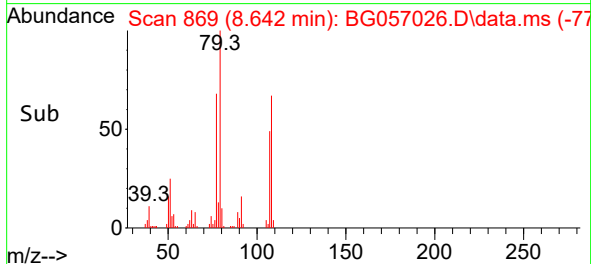
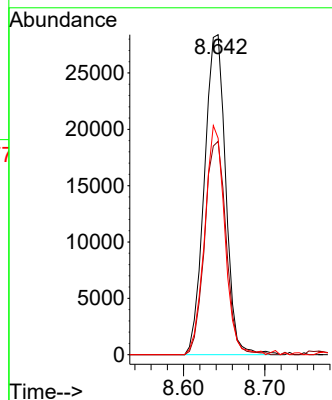
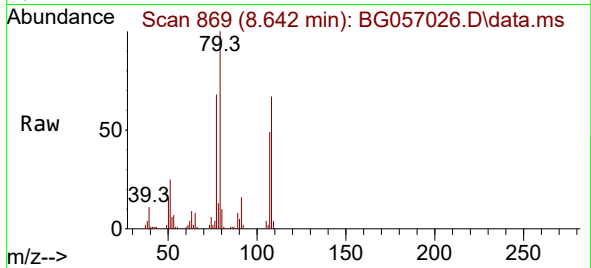




#15
Benzyl Alcohol
Concen: 46.714 ng
RT: 8.642 min Scan# 869
Delta R.T. 0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

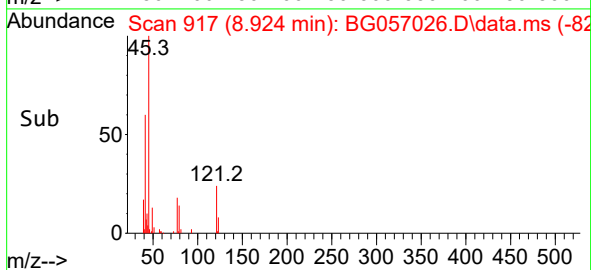
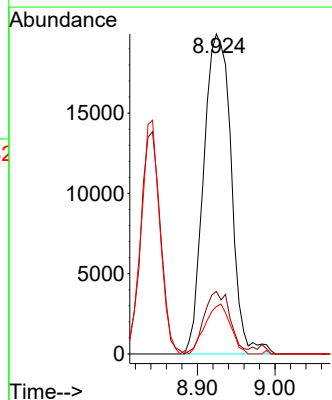
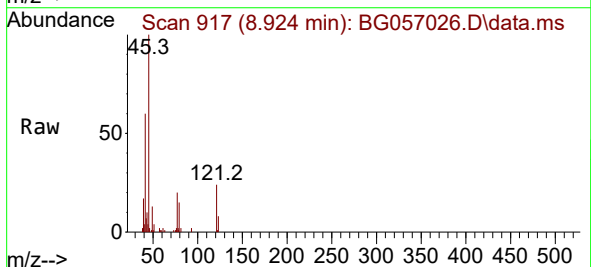
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS

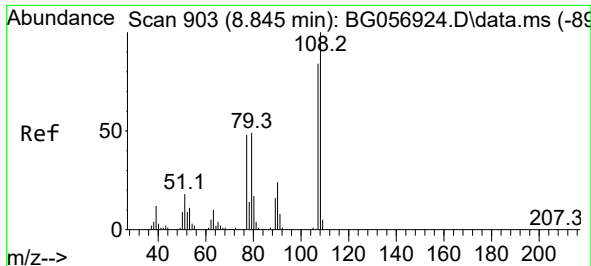
Tgt Ion: 79 Resp: 51722
Ion Ratio Lower Upper
79 100
108 66.6 51.2 76.8
77 67.7 54.4 81.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.390 ng
RT: 8.924 min Scan# 917
Delta R.T. -0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

Tgt Ion: 45 Resp: 49182
Ion Ratio Lower Upper
45 100
77 19.6 0.0 38.7
79 14.8 0.0 35.1



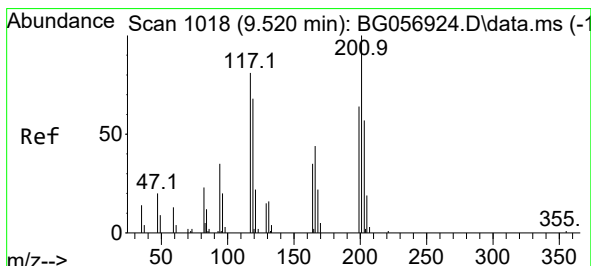
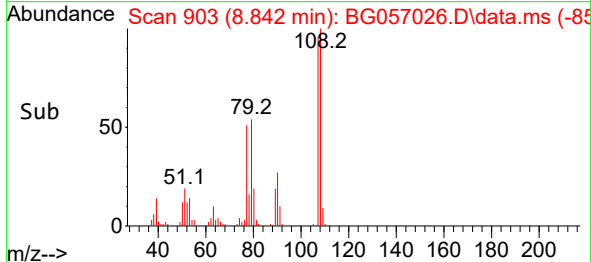
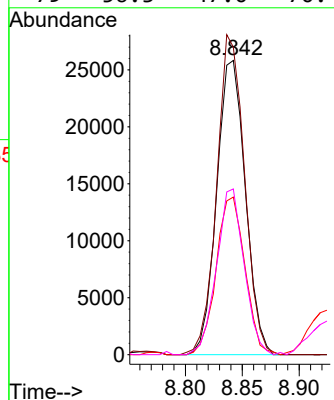
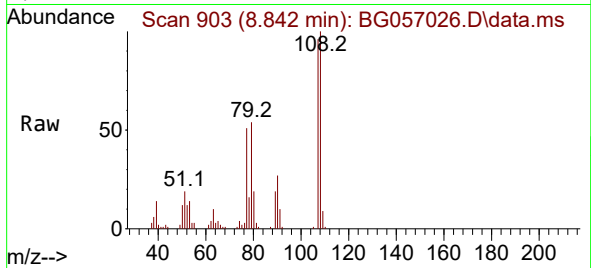


#17
2-Methylphenol
Concen: 48.068 ng
RT: 8.842 min Scan# 903
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS

Tgt Ion:107 Resp: 45279

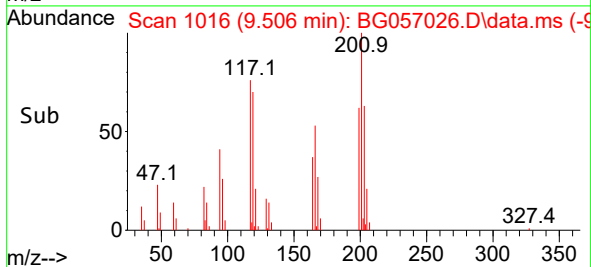
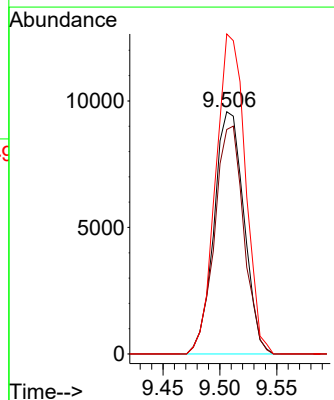
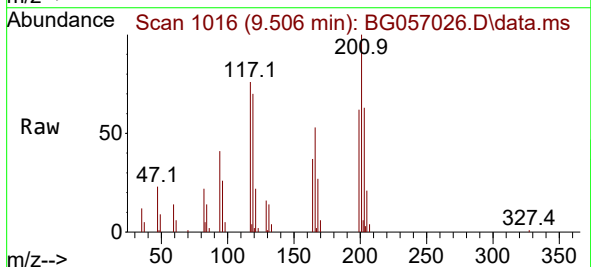
Ion	Ratio	Lower	Upper
107	100		
108	104.5	96.0	144.0
77	53.6	45.6	68.4
79	56.3	47.0	70.4

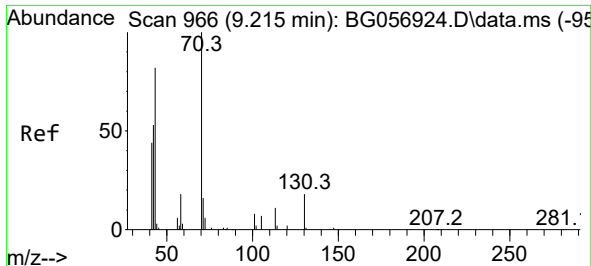


#18
Hexachloroethane
Concen: 48.350 ng
RT: 9.506 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

Tgt Ion:117 Resp: 17489

Ion	Ratio	Lower	Upper
117	100		
119	92.7	67.0	100.6
201	132.1	98.7	148.1

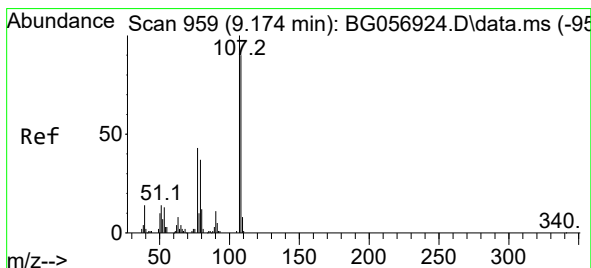
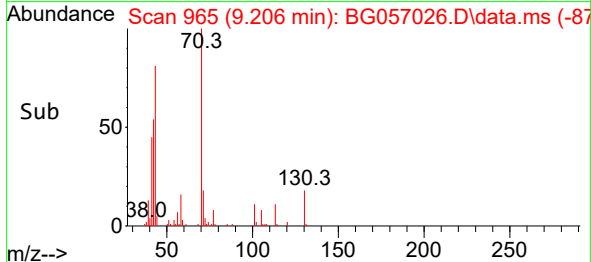
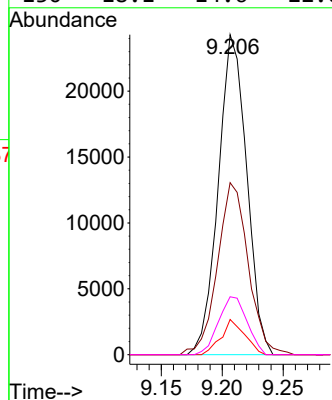
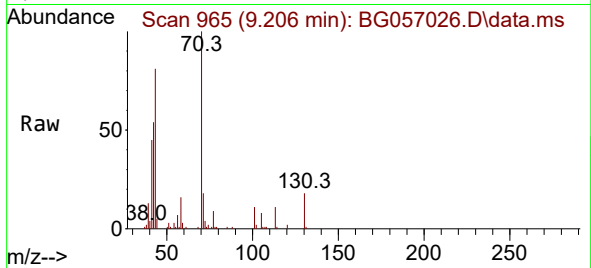




#19
n-Nitroso-di-n-propylamine
Concen: 41.287 ng
RT: 9.206 min Scan# 90
Delta R.T. -0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

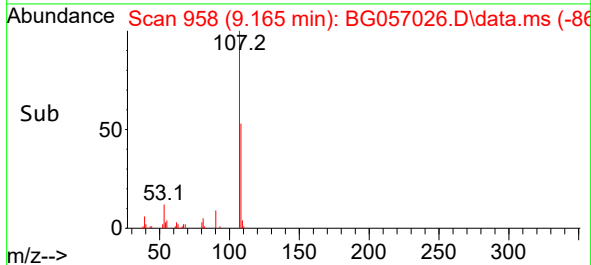
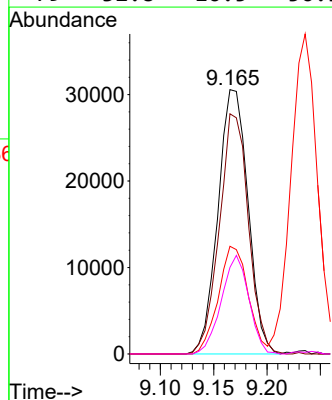
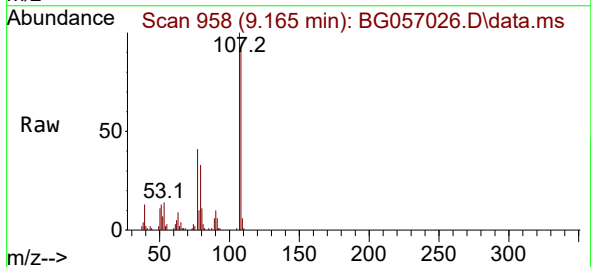
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS

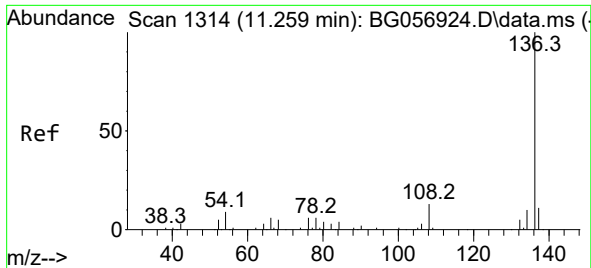
Tgt Ion: 70 Resp: 39351
Ion Ratio Lower Upper
70 100
42 53.8 43.4 65.0
101 11.0 6.2 9.2#
130 18.1 14.6 22.0



#20
3+4-Methylphenols
Concen: 45.429 ng
RT: 9.165 min Scan# 958
Delta R.T. -0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

Tgt Ion: 107 Resp: 59840
Ion Ratio Lower Upper
107 100
108 90.9 69.9 109.9
77 40.7 22.7 62.7
79 32.8 16.5 56.5

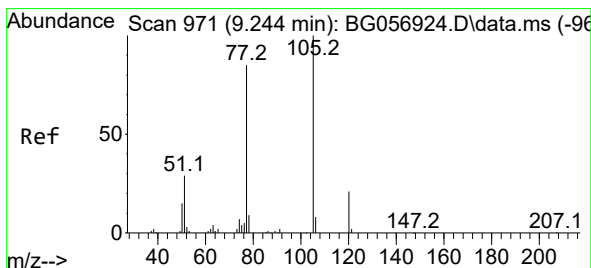
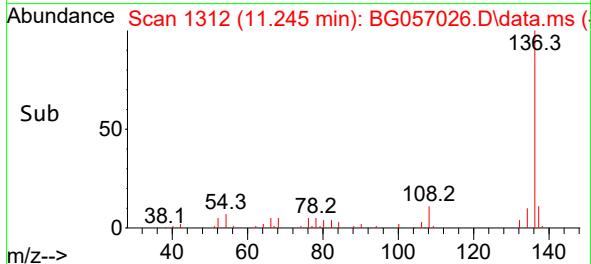
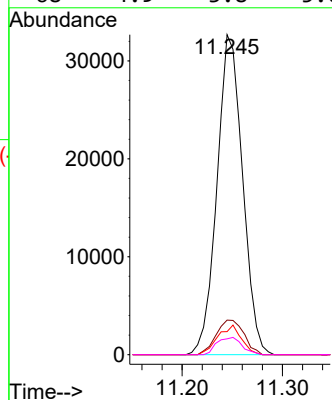
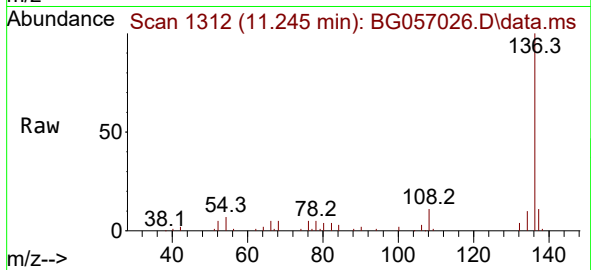




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

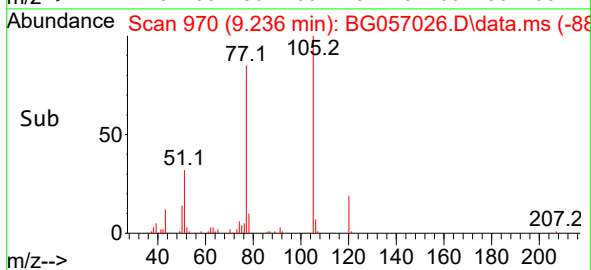
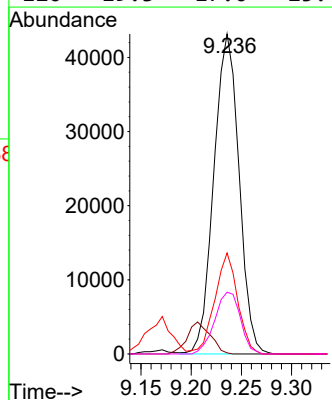
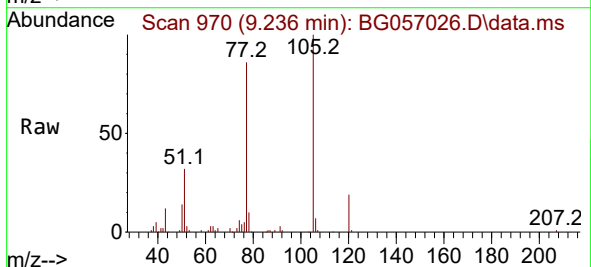
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS

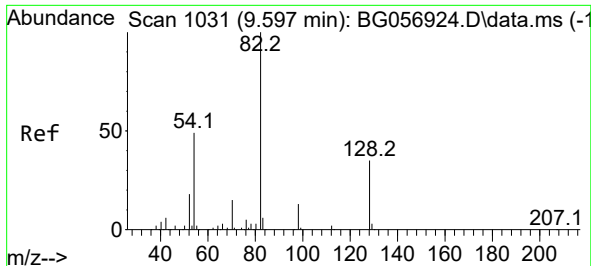
Tgt Ion:136	Resp:	57802
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.6 13.0
54	7.2	6.9 10.3
68	4.9	3.8 5.6



#22
Acetophenone
Concen: 43.751 ng
RT: 9.236 min Scan# 970
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

Tgt Ion:105	Resp:	75250
Ion Ratio	Lower	Upper
105	100	
71	0.4	0.7 1.1#
51	31.5	23.8 35.8
120	19.3	17.0 25.4

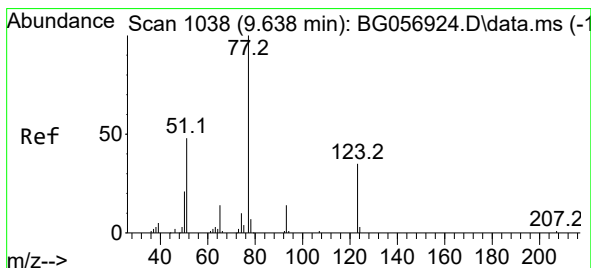
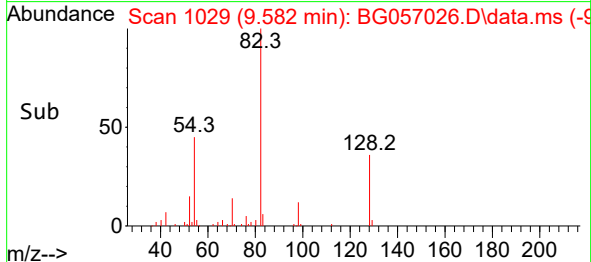
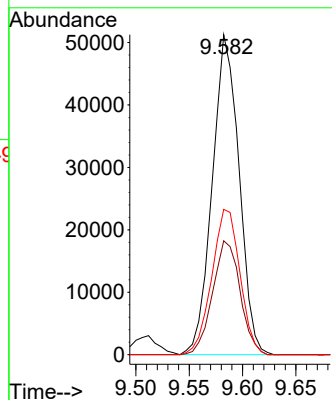
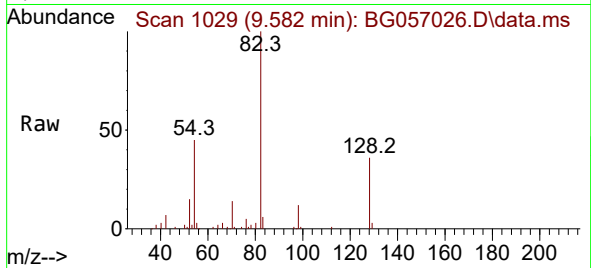




#23
Nitrobenzene-d5
Concen: 63.277 ng
RT: 9.582 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

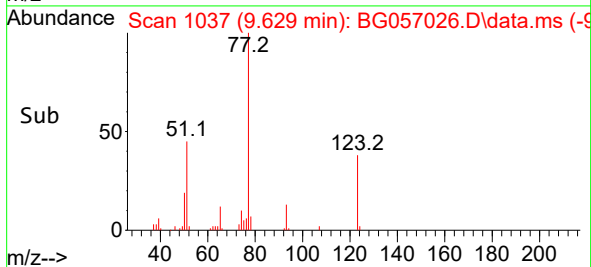
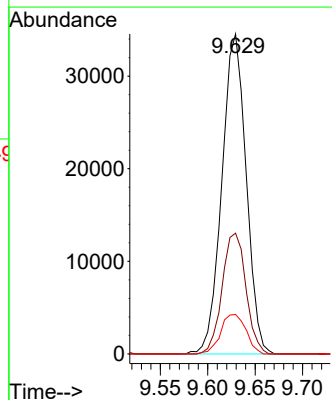
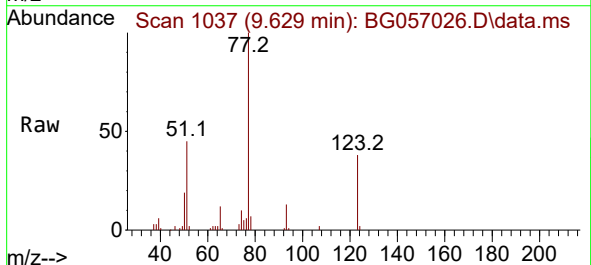
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS

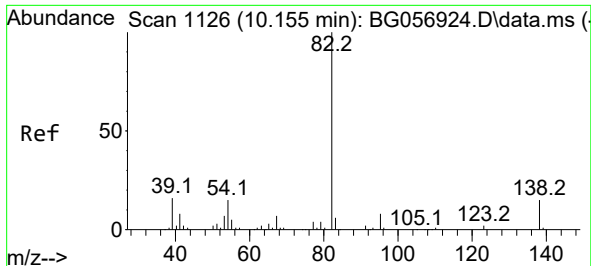
Tgt Ion: 82 Resp: 89388
Ion Ratio Lower Upper
82 100
128 35.6 27.9 41.9
54 45.4 39.4 59.2



#24
Nitrobenzene
Concen: 42.575 ng
RT: 9.629 min Scan# 1037
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

Tgt Ion: 77 Resp: 61490
Ion Ratio Lower Upper
77 100
123 37.8 27.6 41.4
65 12.3 11.5 17.3

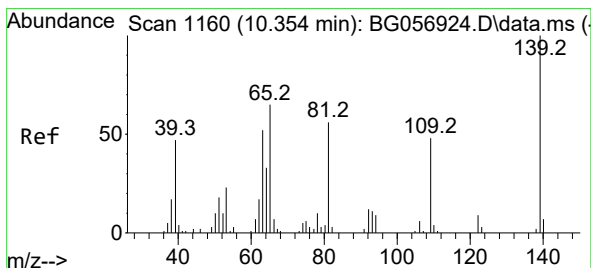
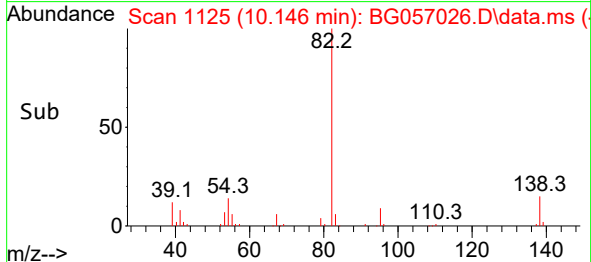
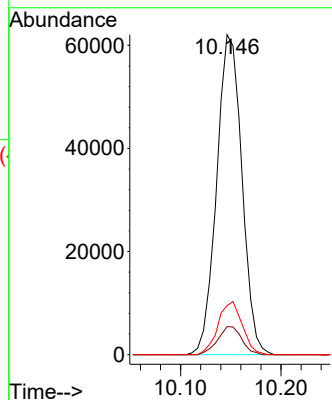
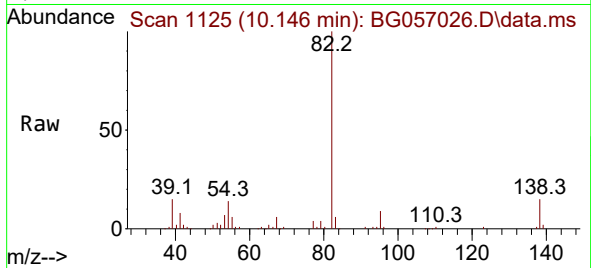




#25
Isophorone
Concen: 40.231 ng
RT: 10.146 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

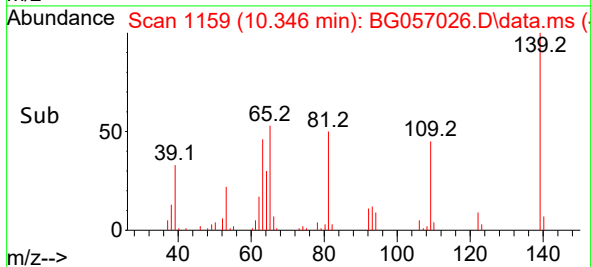
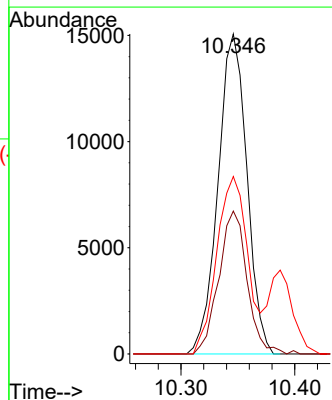
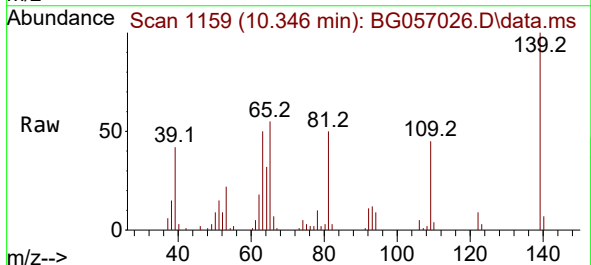
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS

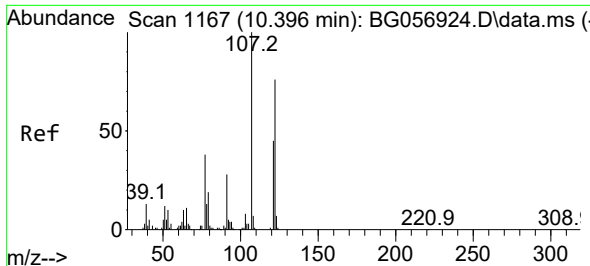
Tgt Ion: 82 Resp: 108224
Ion Ratio Lower Upper
82 100
95 8.8 6.3 9.5
138 15.4 11.8 17.8



#26
2-Nitrophenol
Concen: 47.662 ng
RT: 10.346 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

Tgt Ion:139 Resp: 26570
Ion Ratio Lower Upper
139 100
109 44.6 38.2 57.4
65 55.5 51.8 77.8

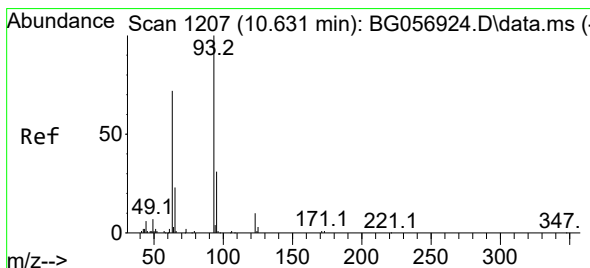
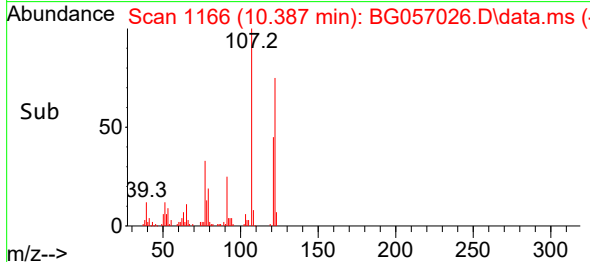
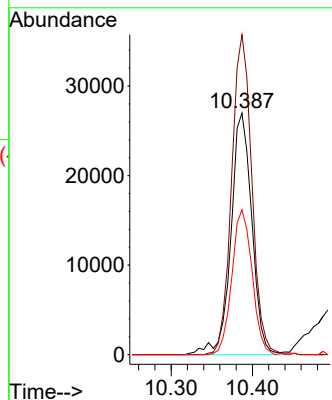
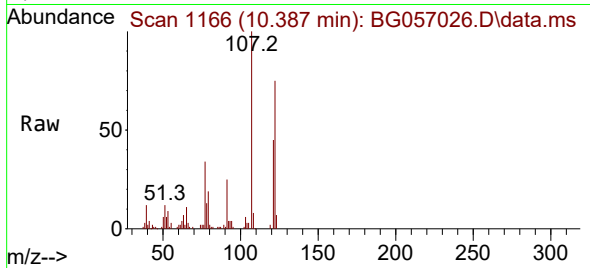




#27
2,4-Dimethylphenol
Concen: 48.821 ng
RT: 10.387 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

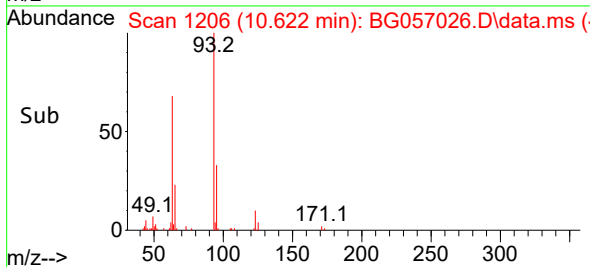
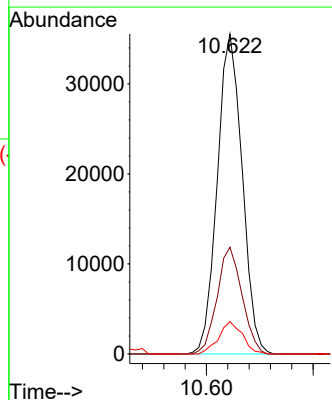
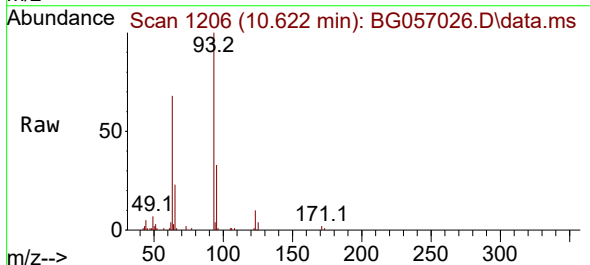
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS

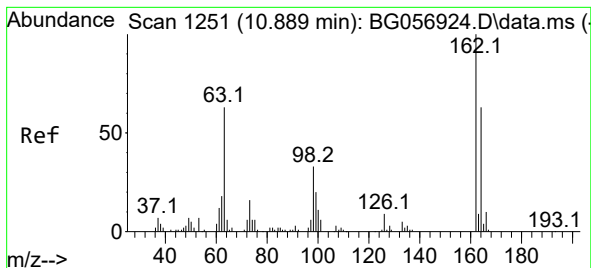
Tgt Ion:122 Resp: 48053
Ion Ratio Lower Upper
122 100
107 132.5 105.7 158.5
121 60.0 48.0 72.0



#28
bis(2-Chloroethoxy)methane
Concen: 42.714 ng
RT: 10.622 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

Tgt Ion: 93 Resp: 57524
Ion Ratio Lower Upper
93 100
95 33.3 24.6 37.0
123 10.1 7.8 11.6





#29

2,4-Dichlorophenol

Concen: 47.990 ng

RT: 10.886 min Scan# 11

Delta R.T. -0.000 min

Lab File: BG057026.D

Acq: 7 Apr 2023 14:36

Instrument :

BNA_G

ClientSampleId :

E-H4(ELEV-24)MS

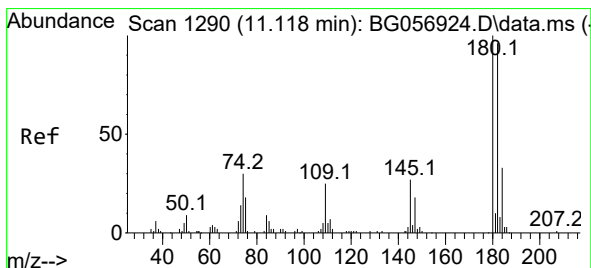
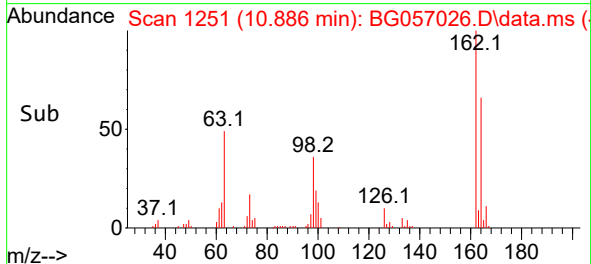
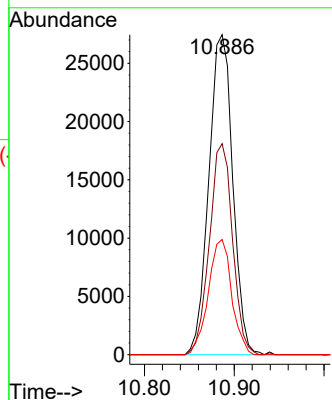
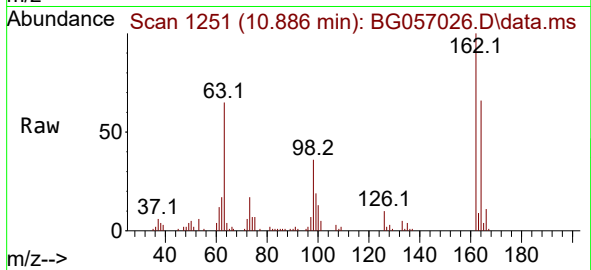
Tgt Ion:162 Resp: 50799

Ion Ratio Lower Upper

162 100

164 65.9 43.4 83.4

98 36.0 12.5 52.5



#30

1,2,4-Trichlorobenzene

Concen: 45.215 ng

RT: 11.104 min Scan# 1288

Delta R.T. -0.006 min

Lab File: BG057026.D

Acq: 7 Apr 2023 14:36

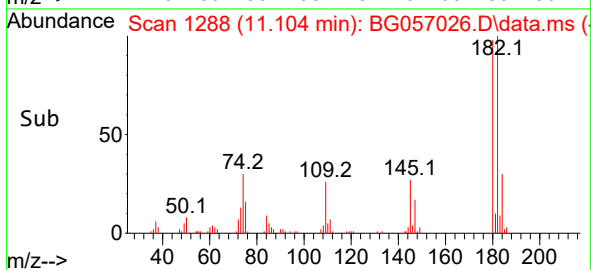
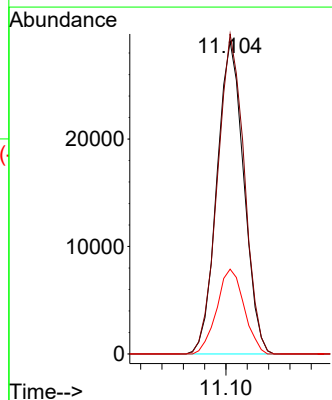
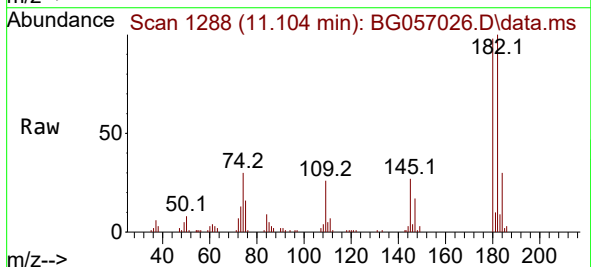
Tgt Ion:180 Resp: 50854

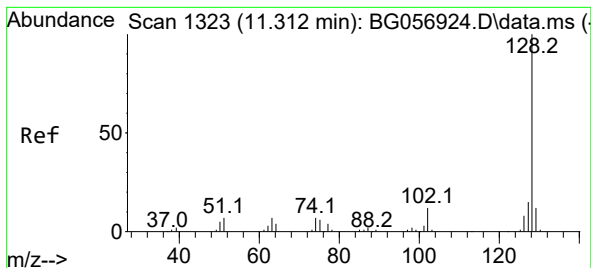
Ion Ratio Lower Upper

180 100

182 102.4 77.1 115.7

145 27.2 21.3 31.9





#31

Naphthalene

Concen: 43.794 ng

RT: 11.298 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BG057026.D

Acq: 7 Apr 2023 14:36

Instrument :

BNA_G

ClientSampleId :

E-H4(ELEV-24)MS

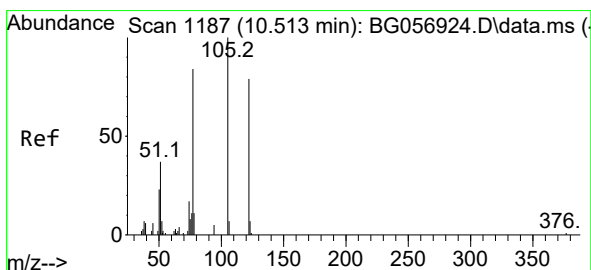
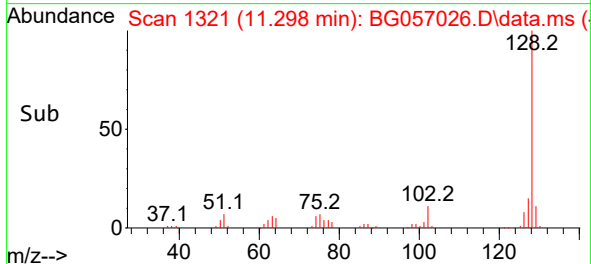
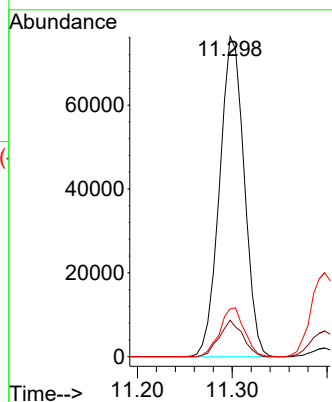
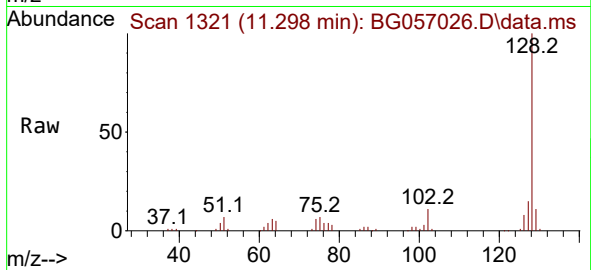
Tgt Ion:128 Resp: 137978

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.2

127 14.9 12.2 18.4



#32

Benzoic acid

Concen: 43.023 ng

RT: 10.528 min Scan# 1190

Delta R.T. 0.006 min

Lab File: BG057026.D

Acq: 7 Apr 2023 14:36

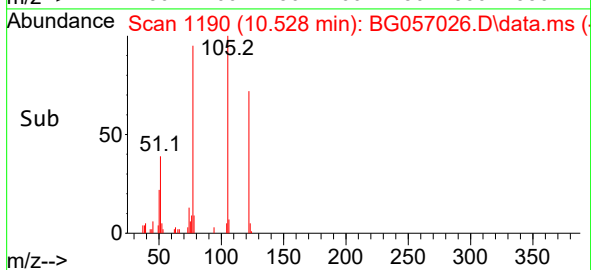
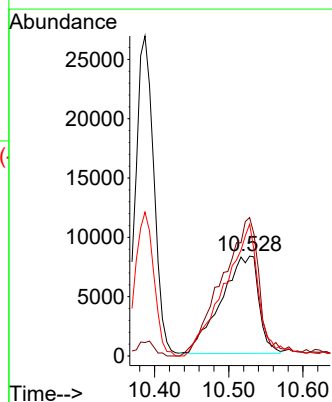
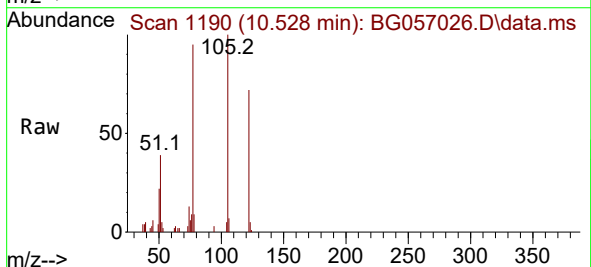
Tgt Ion:122 Resp: 29088

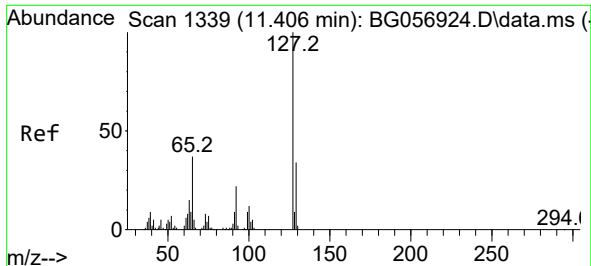
Ion Ratio Lower Upper

122 100

105 138.6 105.4 145.4

77 132.0 87.4 127.4#

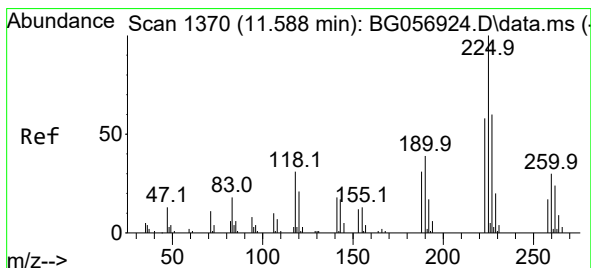
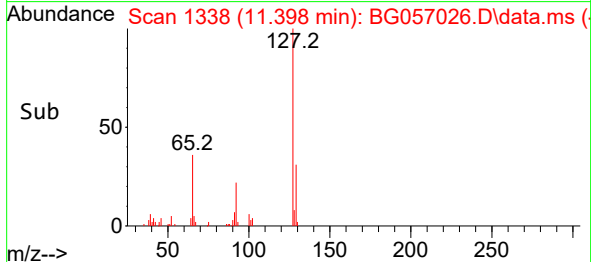
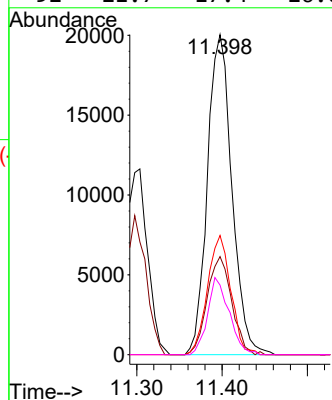
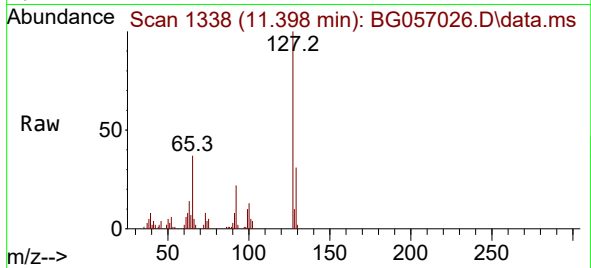




#33
4-Chloroaniline
Concen: 28.102 ng
RT: 11.398 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

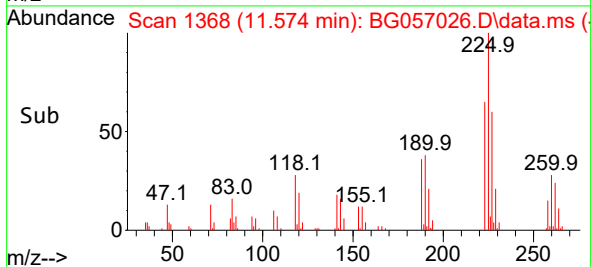
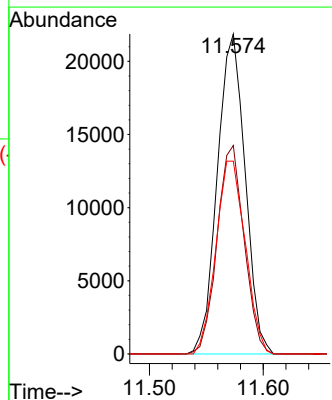
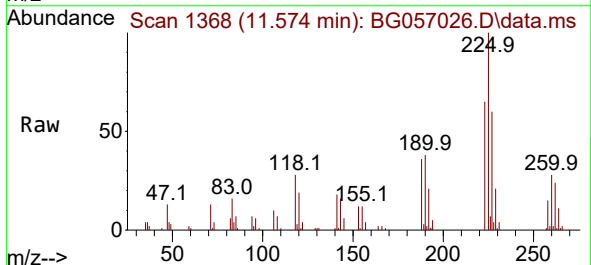
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS

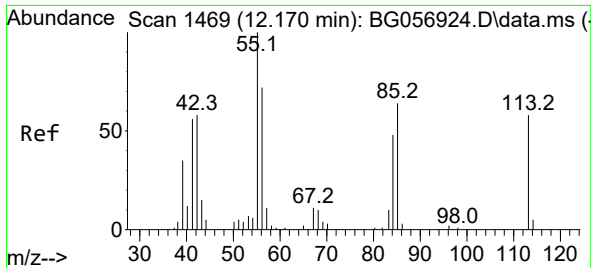
Tgt Ion:	127	Resp:	39987
Ion	Ratio	Lower	Upper
127	100		
129	30.6	27.6	41.4
65	37.3	29.8	44.8
92	21.7	17.4	26.0



#34
Hexachlorobutadiene
Concen: 44.010 ng
RT: 11.574 min Scan# 1368
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

Tgt Ion:	225	Resp:	37183
Ion	Ratio	Lower	Upper
225	100		
223	65.2	46.4	69.6
227	60.2	48.0	72.0

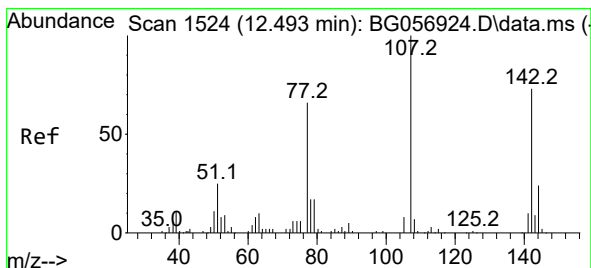
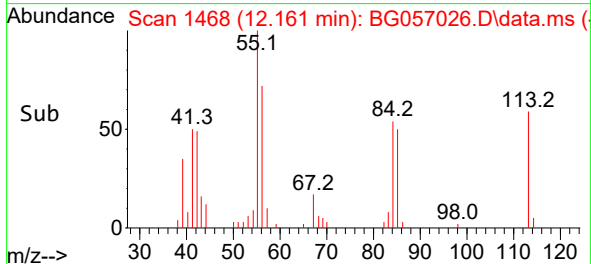
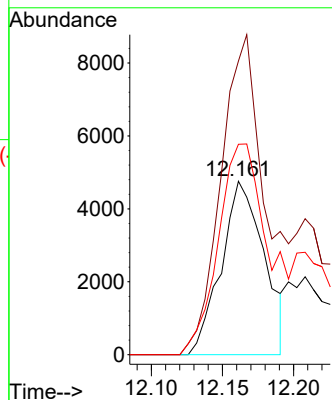
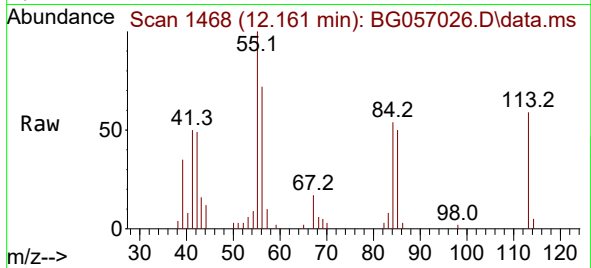




#35
Caprolactam
Concen: 27.300 ng
RT: 12.161 min Scan# 1468
Delta R.T. -0.012 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

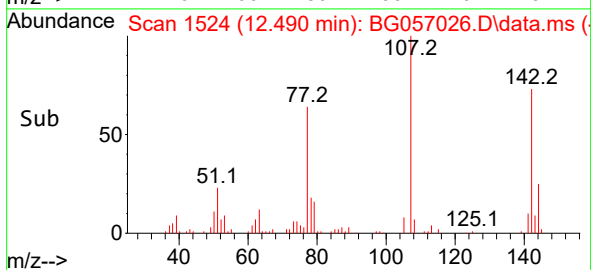
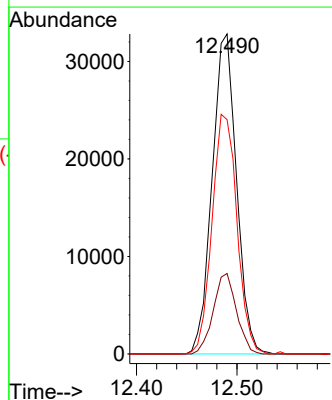
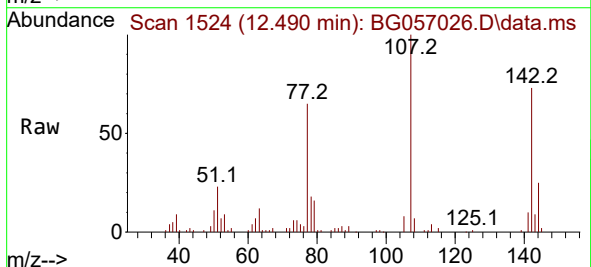
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS

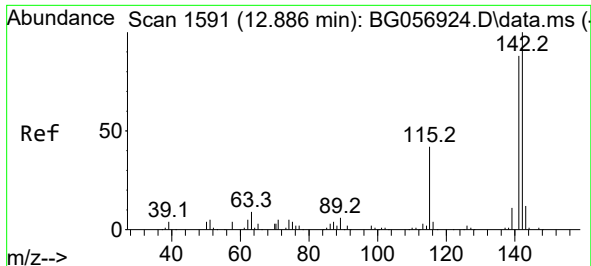
Tgt Ion:113 Resp: 9966
Ion Ratio Lower Upper
113 100
55 169.2 151.6 191.6
56 121.2 103.7 143.7



#36
4-Chloro-3-methylphenol
Concen: 46.766 ng
RT: 12.490 min Scan# 1524
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

Tgt Ion:107 Resp: 55361
Ion Ratio Lower Upper
107 100
144 25.1 19.0 28.4
142 73.2 58.6 88.0

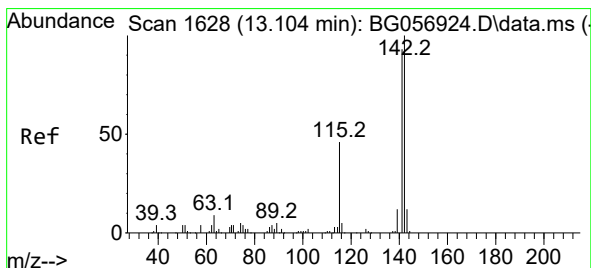
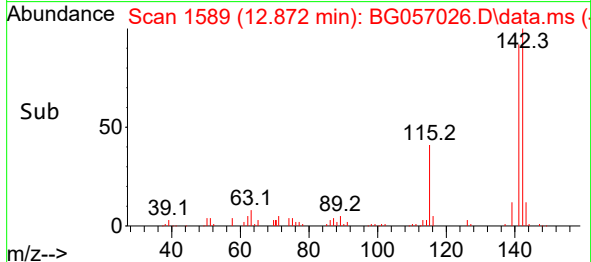
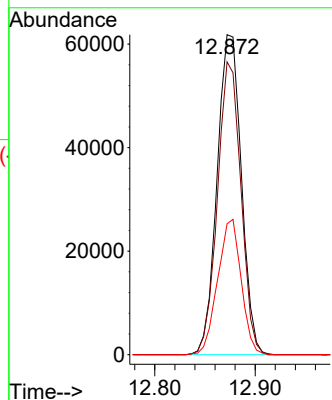
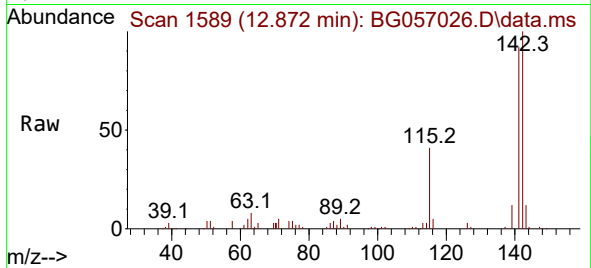




#37
2-Methylnaphthalene
Concen: 41.437 ng
RT: 12.872 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

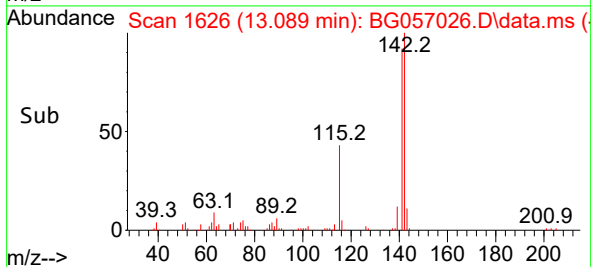
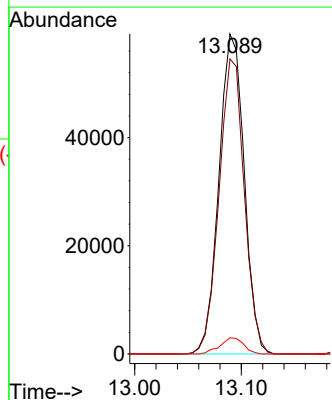
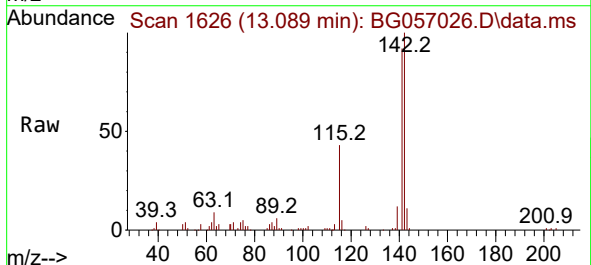
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS

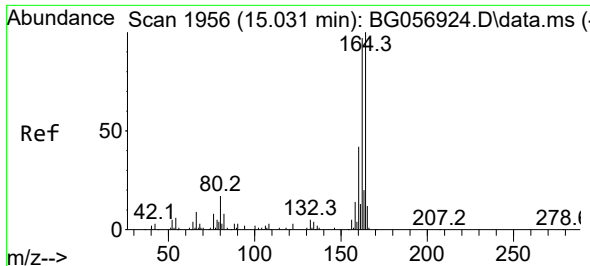
Tgt Ion:142 Resp: 103615
Ion Ratio Lower Upper
142 100
141 91.5 70.3 105.5
115 40.9 33.5 50.3



#38
1-Methylnaphthalene
Concen: 41.388 ng
RT: 13.089 min Scan# 1626
Delta R.T. -0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

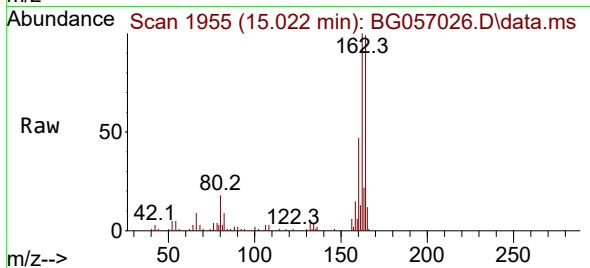
Tgt Ion:142 Resp: 97179
Ion Ratio Lower Upper
142 100
141 92.2 74.0 111.0
116 5.1 3.7 5.5



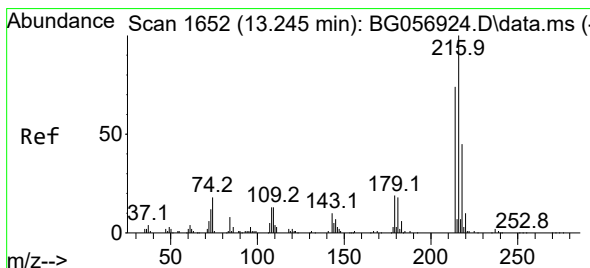
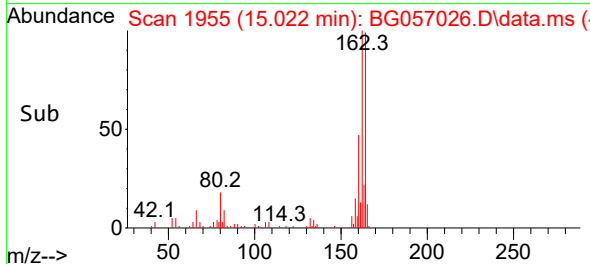
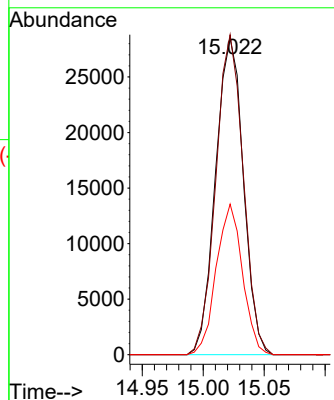


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.022 min Scan# 1955
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS

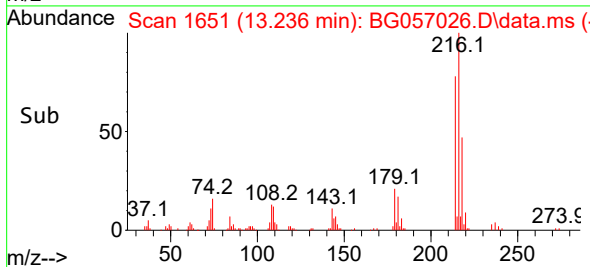
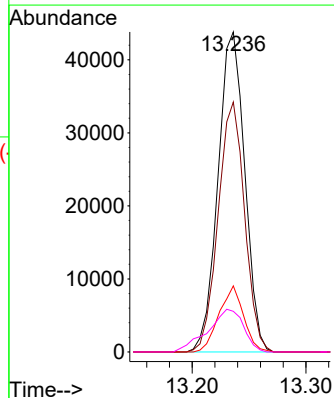
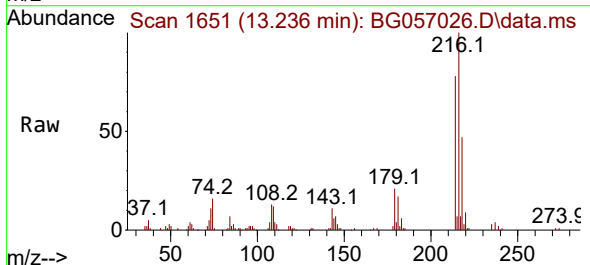


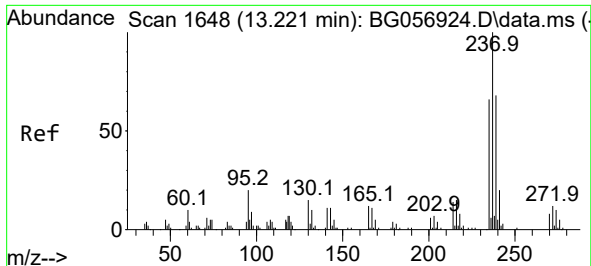
Tgt Ion:164 Resp: 45120
Ion Ratio Lower Upper
164 100
162 101.1 77.8 116.8
160 47.6 33.5 50.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.694 ng
RT: 13.236 min Scan# 1651
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

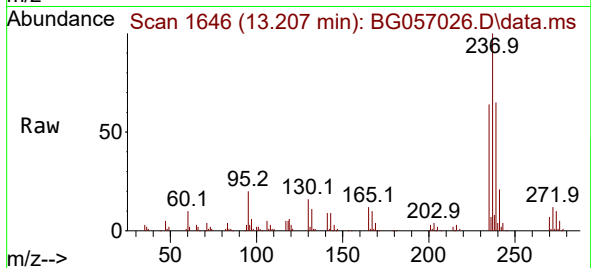
Tgt Ion:216 Resp: 71494
Ion Ratio Lower Upper
216 100
214 77.2 63.3 94.9
179 19.0 15.0 22.6
108 17.8 12.6 19.0



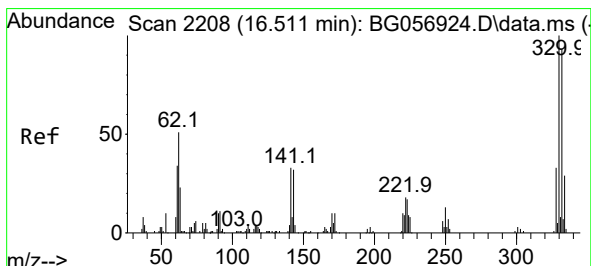
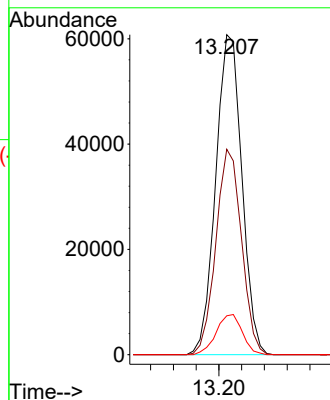
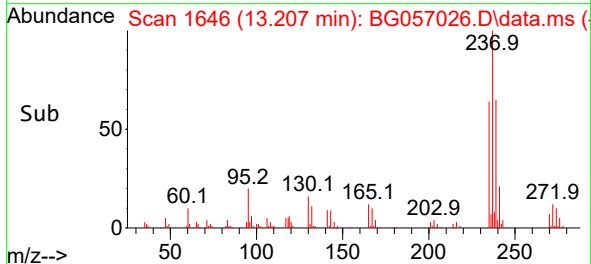


#41
Hexachlorocyclopentadiene
Concen: 112.655 ng
RT: 13.207 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

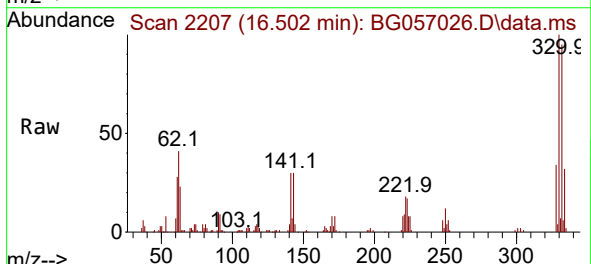
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS



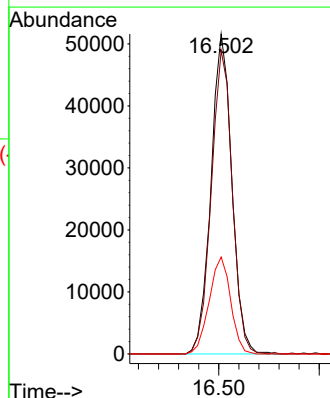
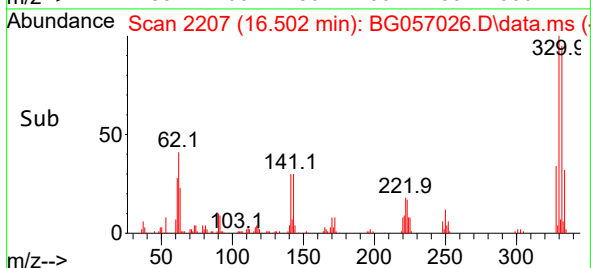
Tgt Ion:237 Resp: 97117
Ion Ratio Lower Upper
237 100
235 64.2 45.9 85.9
272 12.1 0.0 32.3

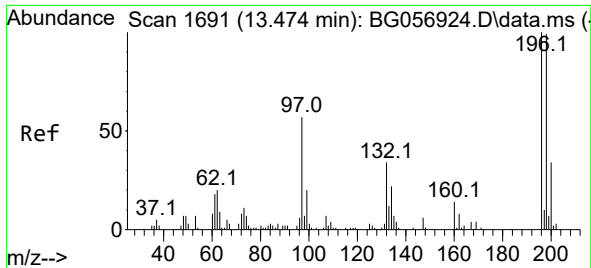


#42
2,4,6-Tribromophenol
Concen: 103.442 ng
RT: 16.502 min Scan# 2207
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36



Tgt Ion:330 Resp: 74562
Ion Ratio Lower Upper
330 100
332 95.1 76.1 114.1
141 31.1 25.8 38.6

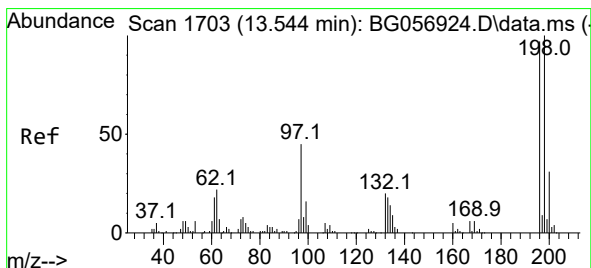
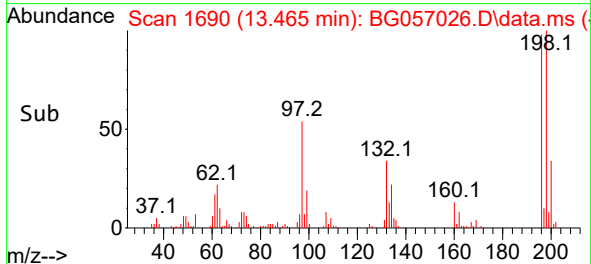
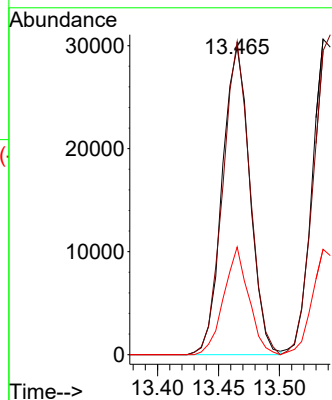
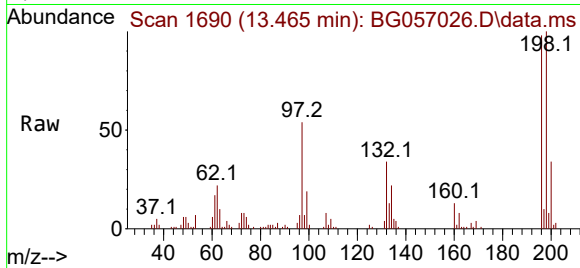




#43
2,4,6-Trichlorophenol
Concen: 47.202 ng
RT: 13.465 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

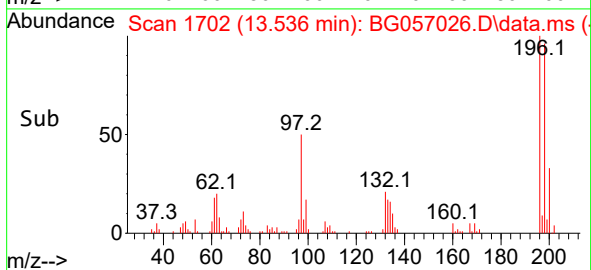
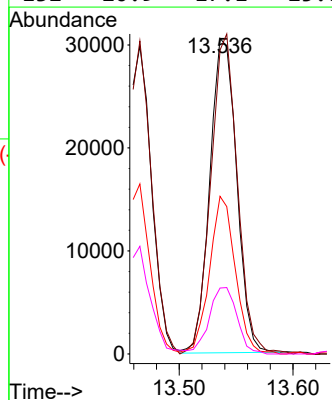
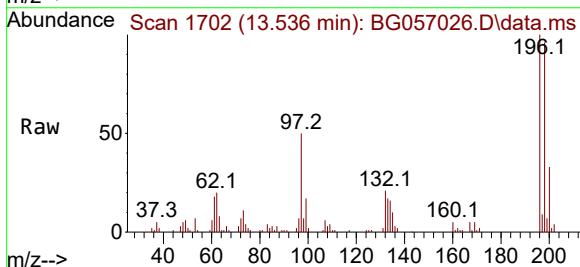
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS

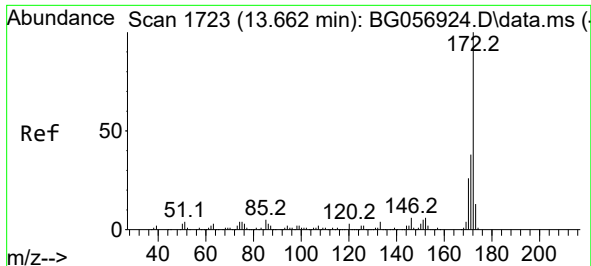
Tgt Ion:196 Resp: 47129
Ion Ratio Lower Upper
196 100
198 101.7 79.1 118.7
200 35.0 27.2 40.8



#44
2,4,5-Trichlorophenol
Concen: 42.168 ng
RT: 13.536 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

Tgt Ion:196 Resp: 49877
Ion Ratio Lower Upper
196 100
198 96.2 82.5 123.7
97 49.9 37.0 55.6
132 20.9 17.1 25.7

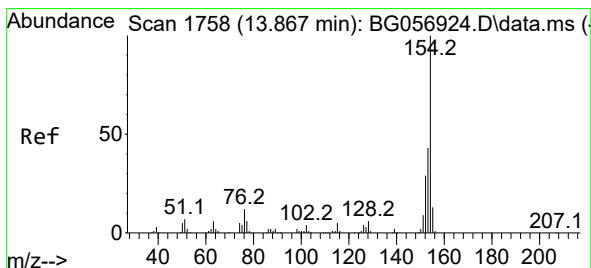
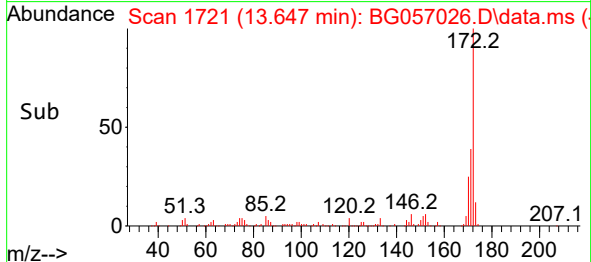
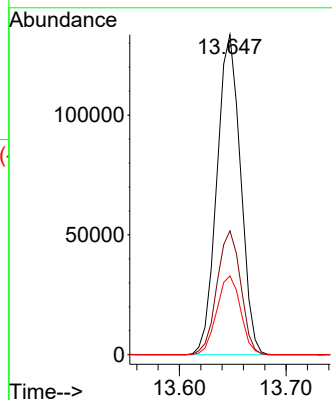
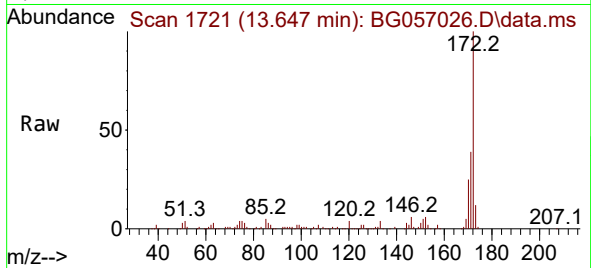




#45
2-Fluorobiphenyl
Concen: 61.743 ng
RT: 13.647 min Scan# 1721
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

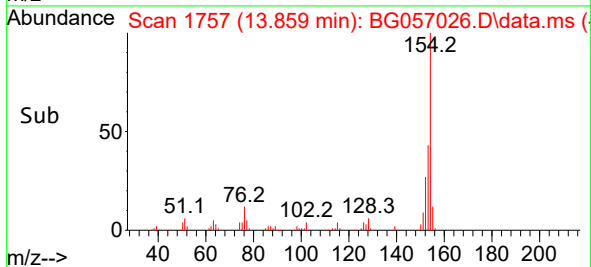
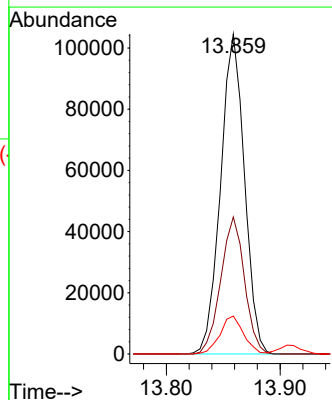
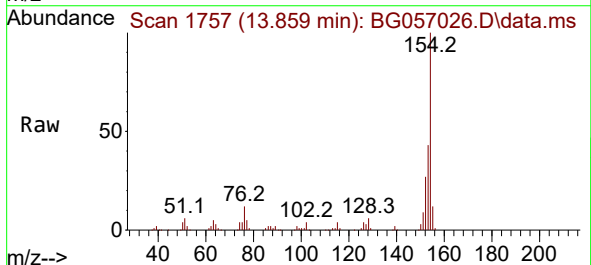
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS

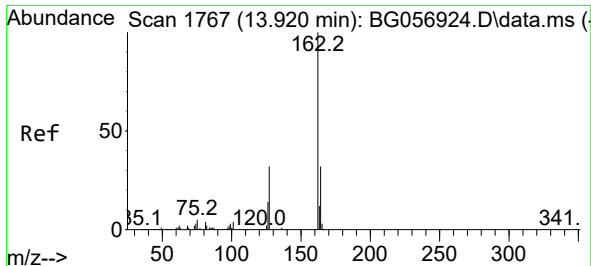
Tgt Ion:172 Resp: 205445
Ion Ratio Lower Upper
172 100
171 38.7 30.6 46.0
170 24.6 20.6 30.8



#46
1,1'-Biphenyl
Concen: 46.097 ng
RT: 13.859 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

Tgt Ion:154 Resp: 152253
Ion Ratio Lower Upper
154 100
153 42.8 23.4 63.4
76 11.9 0.0 31.6

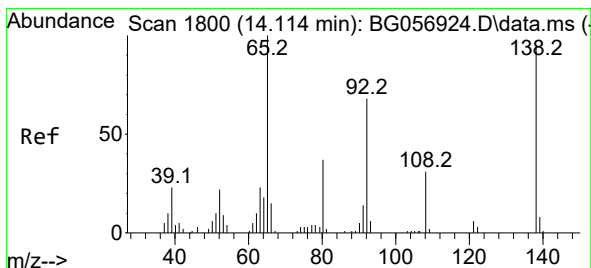
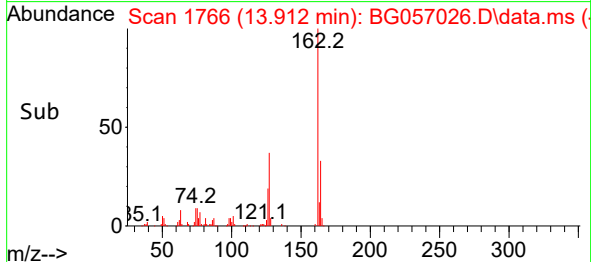
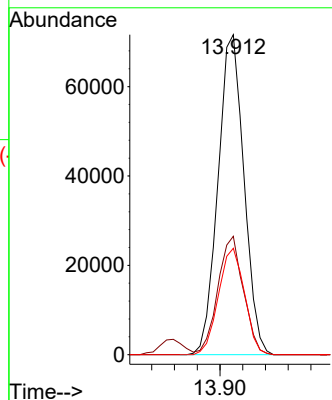
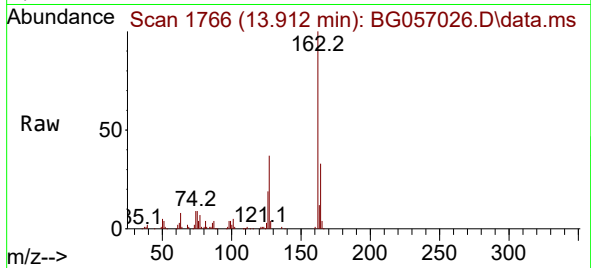




#47
2-Chloronaphthalene
Concen: 46.494 ng
RT: 13.912 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

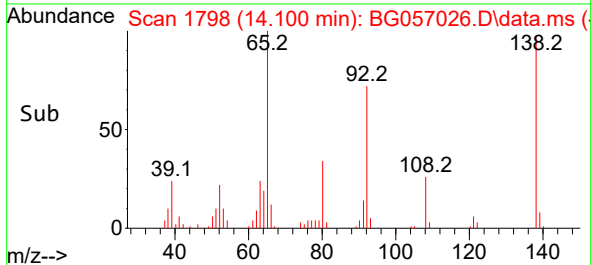
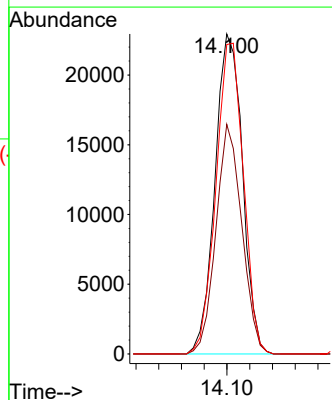
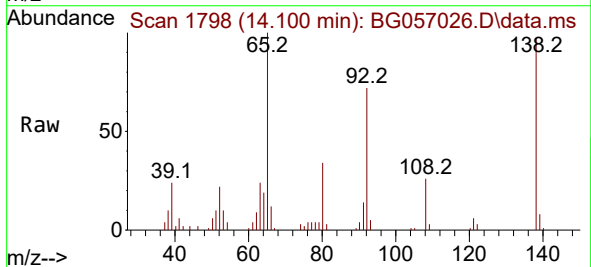
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS

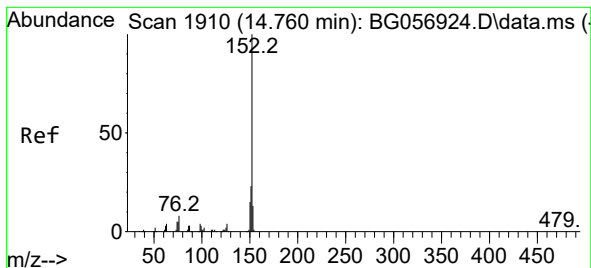
Tgt Ion:162 Resp: 113576
Ion Ratio Lower Upper
162 100
127 37.0 29.5 44.3
164 33.3 25.5 38.3



#48
2-Nitroaniline
Concen: 44.041 ng
RT: 14.100 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

Tgt Ion: 65 Resp: 38469
Ion Ratio Lower Upper
65 100
92 71.8 54.3 81.5
138 96.7 76.0 114.0





#49

Acenaphthylene

Concen: 44.905 ng

RT: 14.752 min Scan# 1909

Delta R.T. -0.000 min

Lab File: BG057026.D

Acq: 7 Apr 2023 14:36

Instrument :

BNA_G

ClientSampleId :

E-H4(ELEV-24)MS

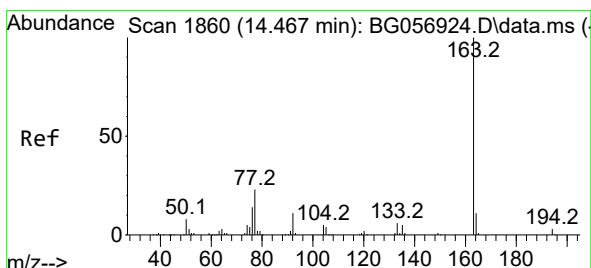
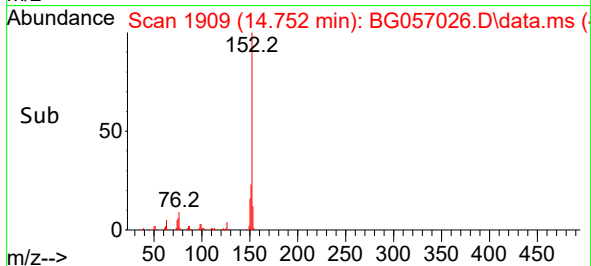
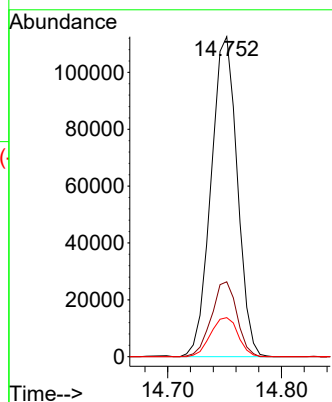
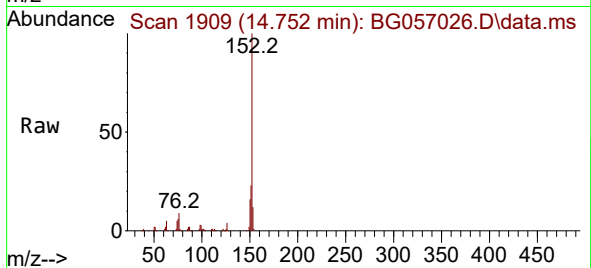
Tgt Ion:152 Resp: 180230

Ion Ratio Lower Upper

152 100

151 23.4 18.2 27.2

153 12.2 10.5 15.7



#50

Dimethylphthalate

Concen: 43.647 ng

RT: 14.458 min Scan# 1859

Delta R.T. -0.000 min

Lab File: BG057026.D

Acq: 7 Apr 2023 14:36

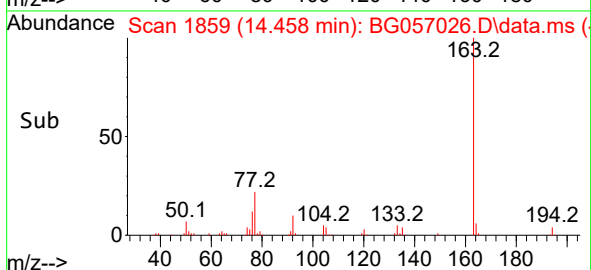
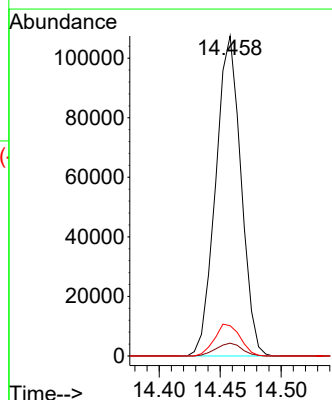
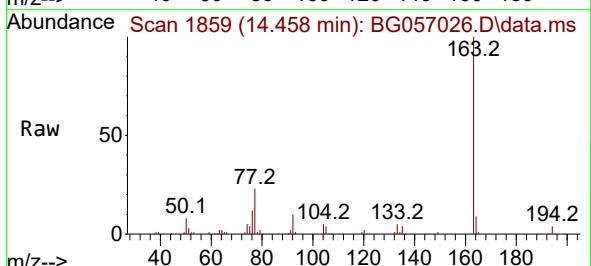
Tgt Ion:163 Resp: 155171

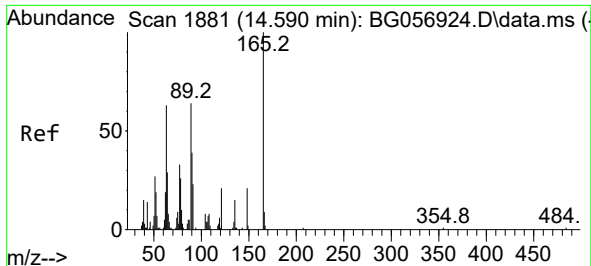
Ion Ratio Lower Upper

163 100

194 4.0 2.8 4.2

164 9.5 8.8 13.2

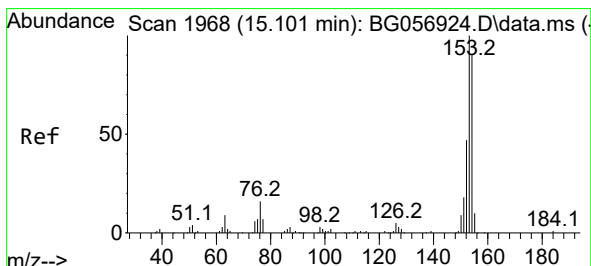
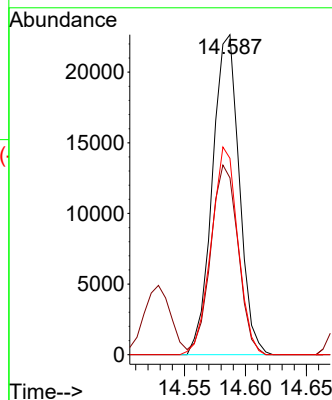
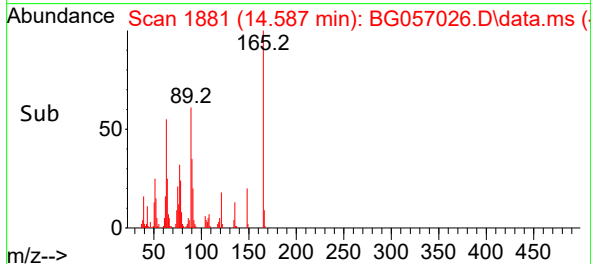
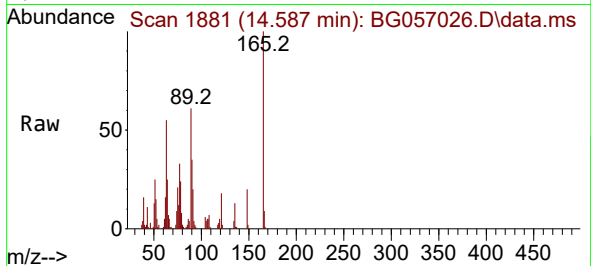




#51
2,6-Dinitrotoluene
Concen: 45.137 ng
RT: 14.587 min Scan# 1881
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

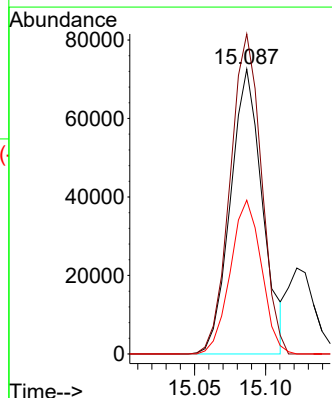
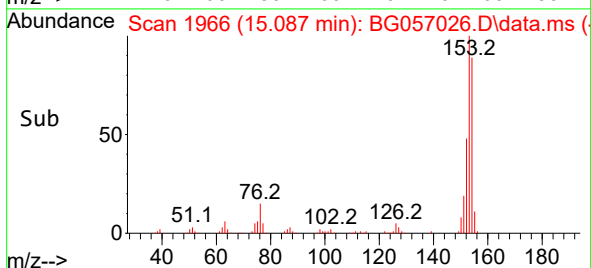
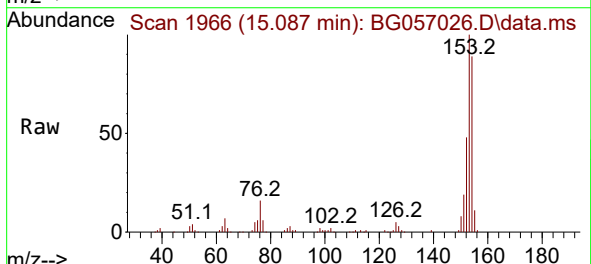
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS

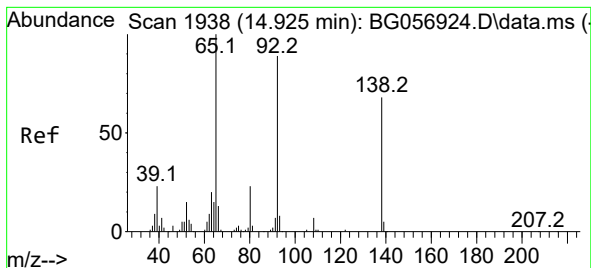
Tgt Ion:165 Resp: 34671
Ion Ratio Lower Upper
165 100
63 55.3 53.0 79.6
89 61.4 51.0 76.4



#52
Acenaphthene
Concen: 40.978 ng
RT: 15.087 min Scan# 1966
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

Tgt Ion:154 Resp: 113430
Ion Ratio Lower Upper
154 100
153 112.4 88.9 133.3
152 54.0 41.8 62.8

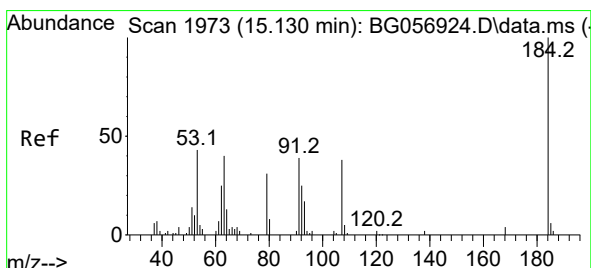
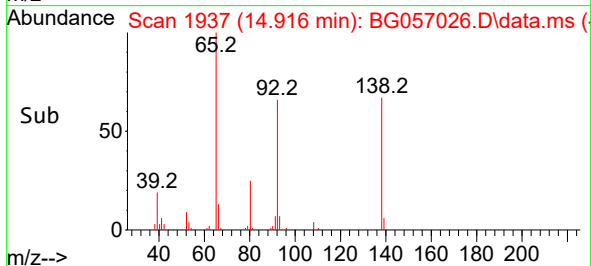
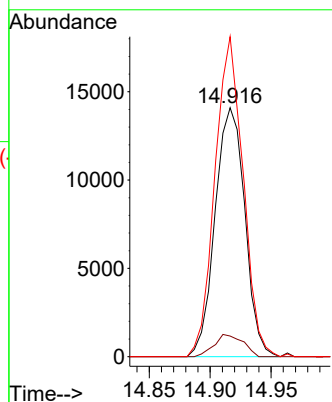
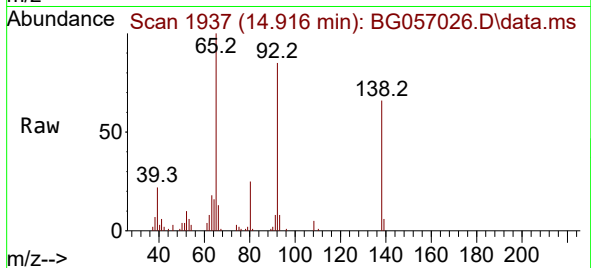




#53
3-Nitroaniline
Concen: 31.494 ng
RT: 14.916 min Scan# 1937
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

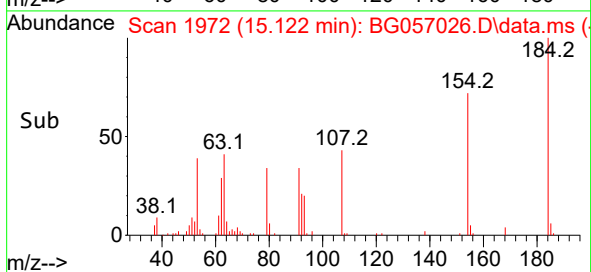
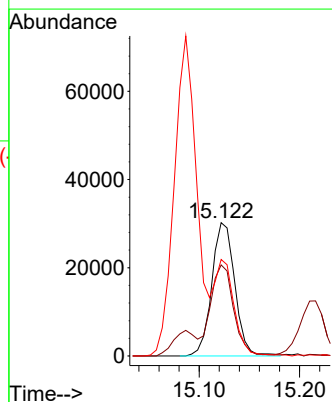
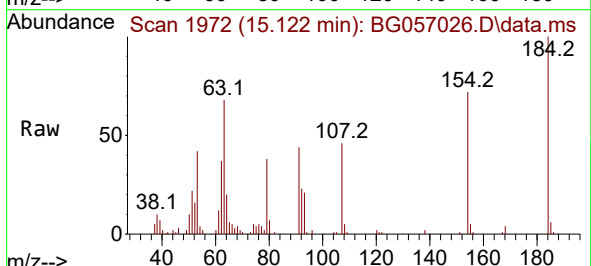
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS

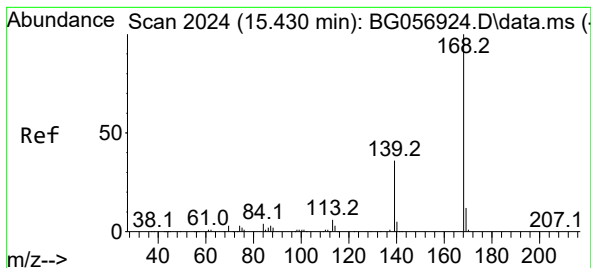
Tgt Ion:138 Resp: 23945
Ion Ratio Lower Upper
138 100
108 8.3 8.2 12.2
92 128.5 105.2 157.8



#54
2,4-Dinitrophenol
Concen: 111.158 ng
RT: 15.122 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

Tgt Ion:184 Resp: 48059
Ion Ratio Lower Upper
184 100
63 68.3 46.5 69.7
154 72.4 53.5 80.3





#55

Dibenzenofuran

Concen: 44.220 ng

RT: 15.416 min Scan# 20

Delta R.T. -0.000 min

Lab File: BG057026.D

Acq: 7 Apr 2023 14:36

Instrument :

BNA_G

ClientSampleId :

E-H4(ELEV-24)MS

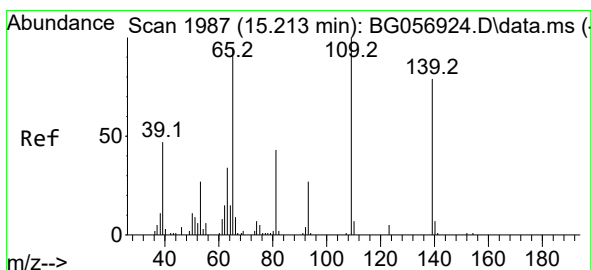
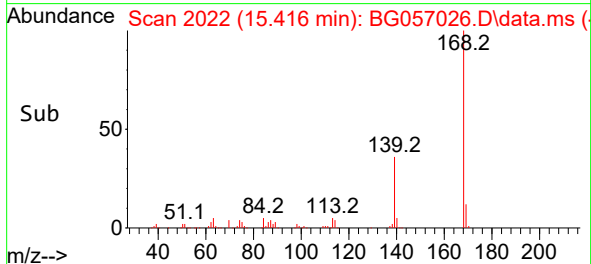
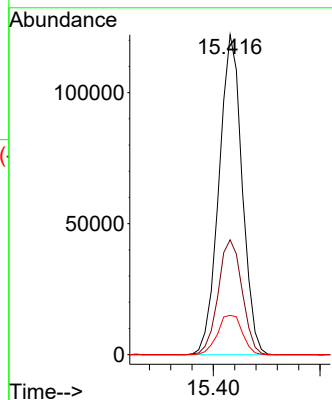
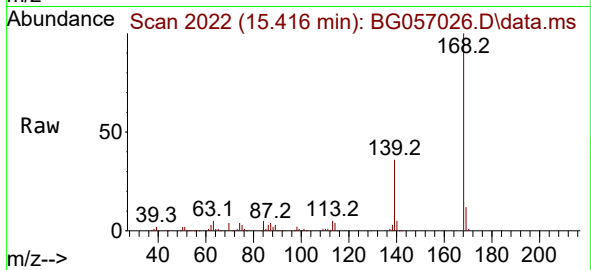
Tgt Ion:168 Resp: 183716

Ion Ratio Lower Upper

168 100

139 35.9 28.9 43.3

169 12.3 9.8 14.6



#56

4-Nitrophenol

Concen: 98.965 ng

RT: 15.216 min Scan# 1988

Delta R.T. 0.006 min

Lab File: BG057026.D

Acq: 7 Apr 2023 14:36

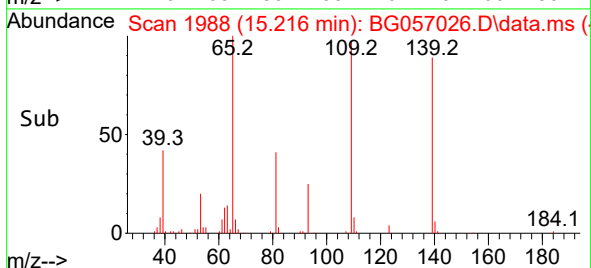
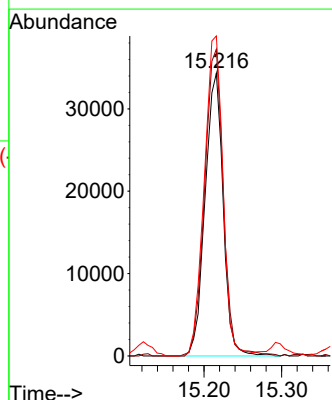
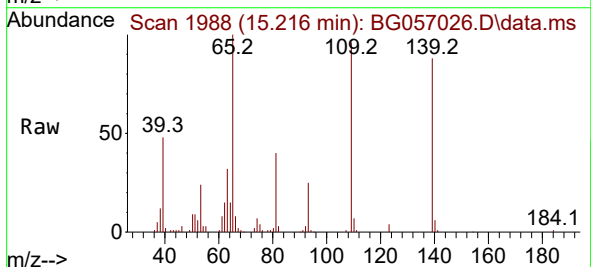
Tgt Ion:139 Resp: 55640

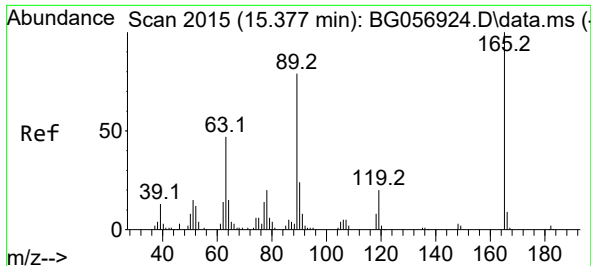
Ion Ratio Lower Upper

139 100

109 108.5 106.7 146.7

65 113.2 100.5 140.5





#57

2,4-Dinitrotoluene

Concen: 46.053 ng

RT: 15.369 min Scan# 20

Delta R.T. -0.000 min

Lab File: BG057026.D

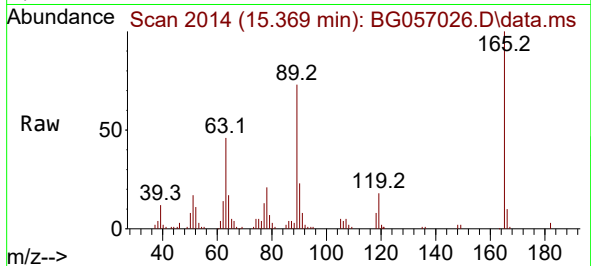
Acq: 7 Apr 2023 14:36

Instrument :

BNA_G

ClientSampleId :

E-H4(ELEV-24)MS



Tgt Ion:165 Resp: 49892

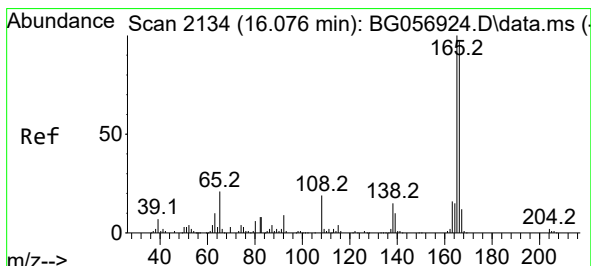
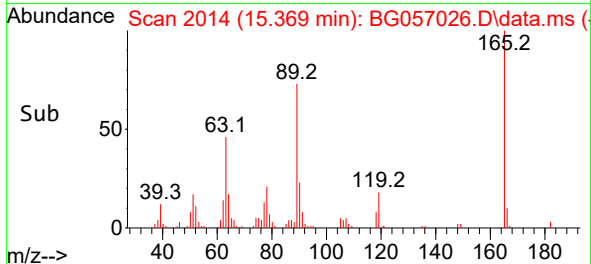
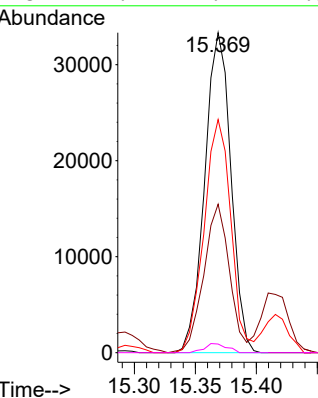
Ion Ratio Lower Upper

165 100

63 46.4 37.7 56.5

89 72.8 63.2 94.8

182 2.7 1.7 2.5#



#58

Fluorene

Concen: 43.721 ng

RT: 16.062 min Scan# 2132

Delta R.T. -0.000 min

Lab File: BG057026.D

Acq: 7 Apr 2023 14:36

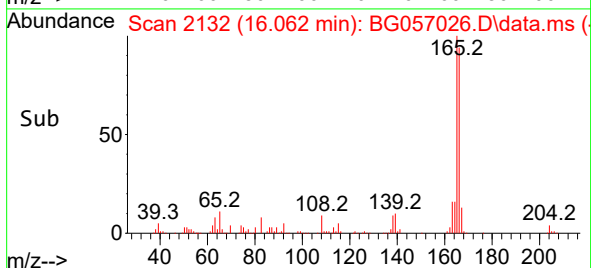
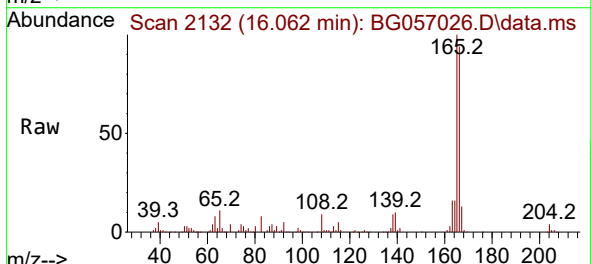
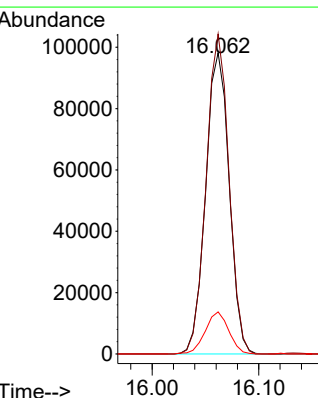
Tgt Ion:166 Resp: 150306

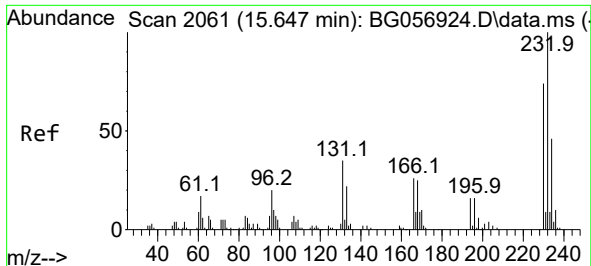
Ion Ratio Lower Upper

166 100

165 106.3 82.6 123.8

167 14.0 10.2 15.2

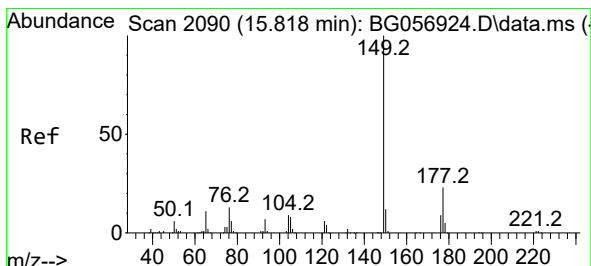
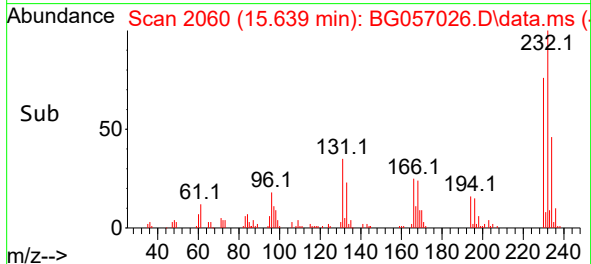
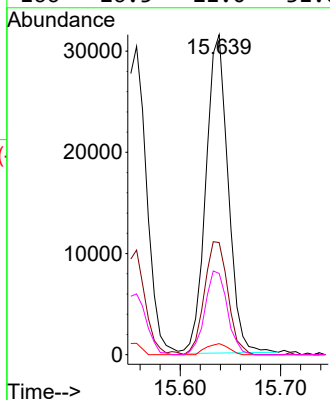
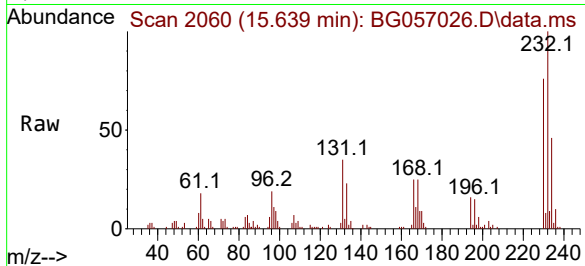




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.048 ng
RT: 15.639 min Scan# 2060
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

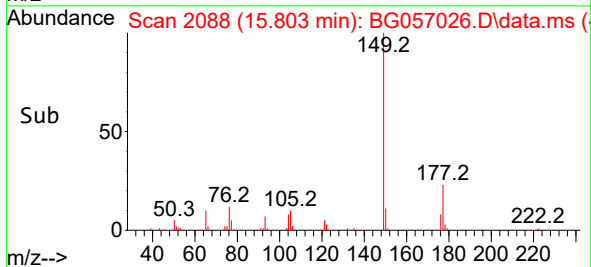
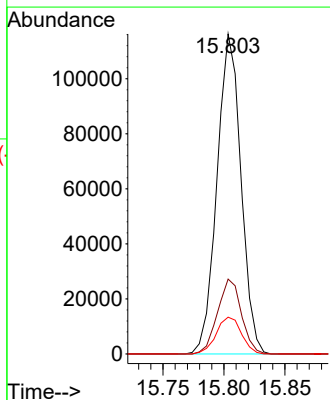
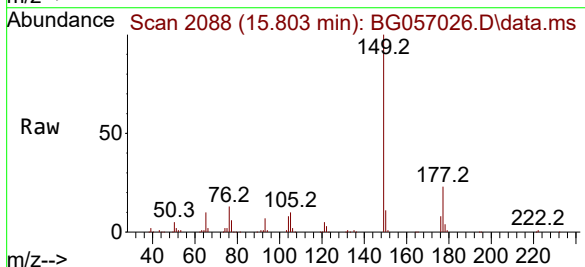
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS

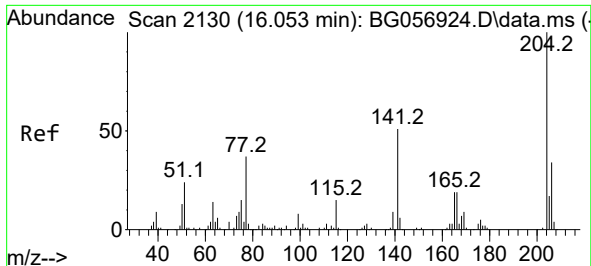
Tgt Ion:232 Resp: 48515
Ion Ratio Lower Upper
232 100
131 37.5 29.3 43.9
130 3.5 1.7 2.5#
166 26.5 21.0 31.6



#60
Diethylphthalate
Concen: 44.610 ng
RT: 15.803 min Scan# 2088
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

Tgt Ion:149 Resp: 158990
Ion Ratio Lower Upper
149 100
177 23.4 18.8 28.2
150 11.5 9.4 14.2

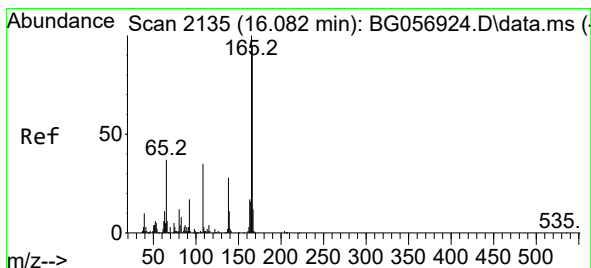
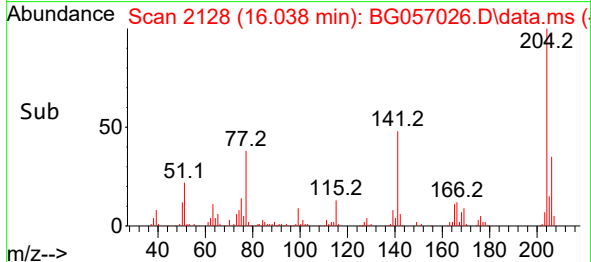
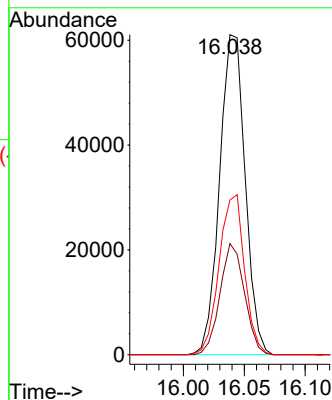
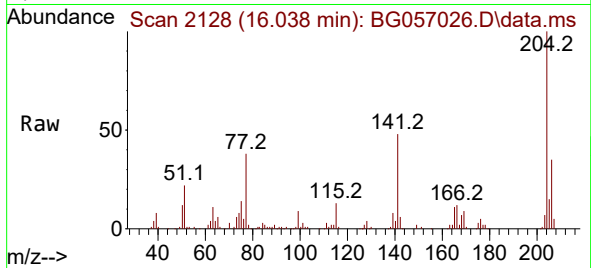




#61
4-Chlorophenyl-phenylether
Concen: 44.172 ng
RT: 16.038 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

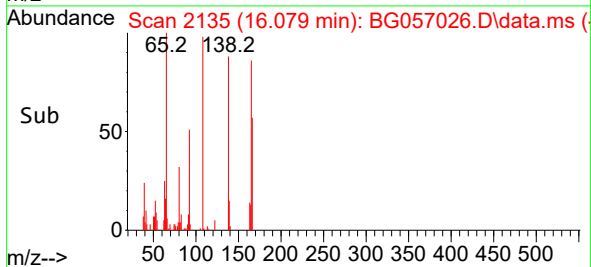
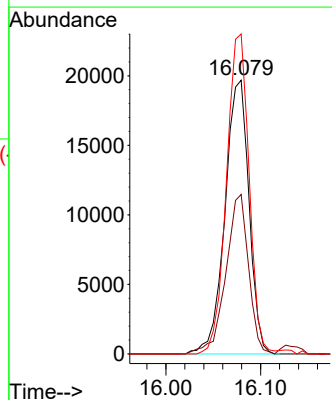
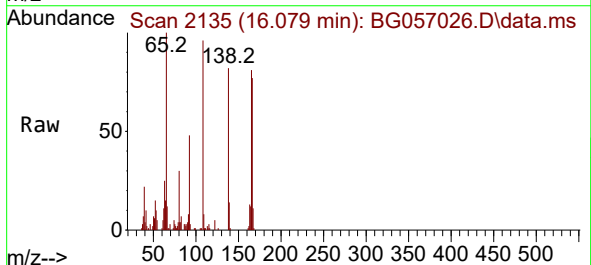
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS

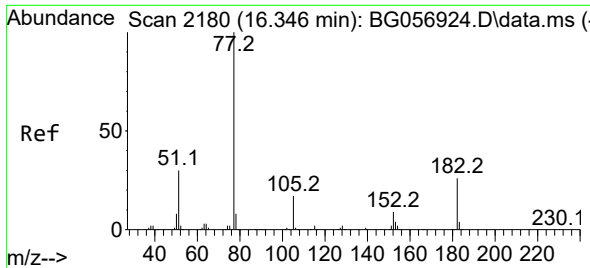
Tgt Ion:204 Resp: 89160
Ion Ratio Lower Upper
204 100
206 34.7 27.2 40.8
141 48.3 40.7 61.1



#62
4-Nitroaniline
Concen: 43.927 ng
RT: 16.079 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

Tgt Ion:138 Resp: 34603
Ion Ratio Lower Upper
138 100
92 58.3 40.9 80.9
108 116.9 104.3 144.3



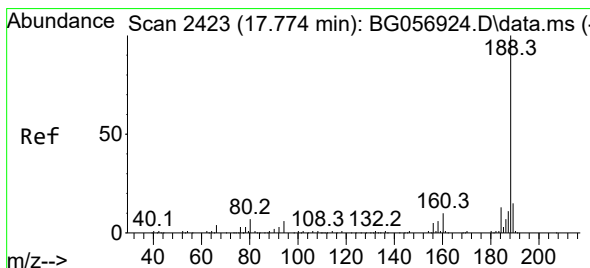
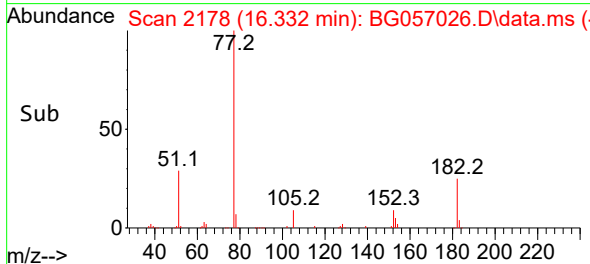
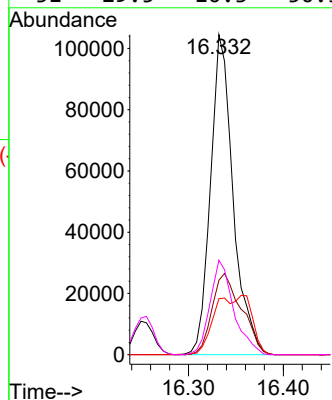
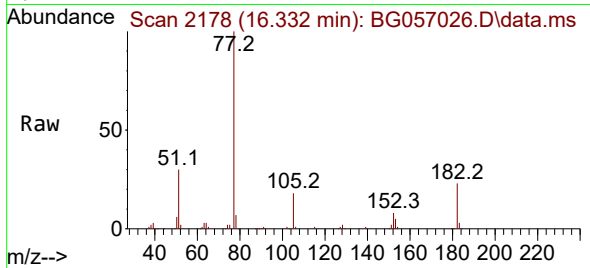


#63
Azobenzene
Concen: 48.872 ng
RT: 16.332 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS

Tgt Ion: 77 Resp: 173584

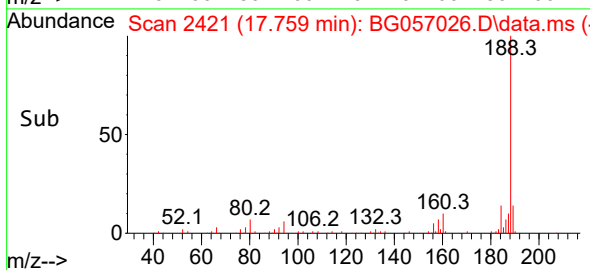
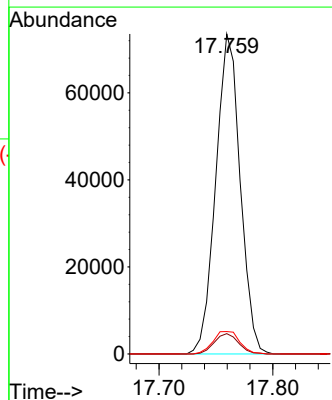
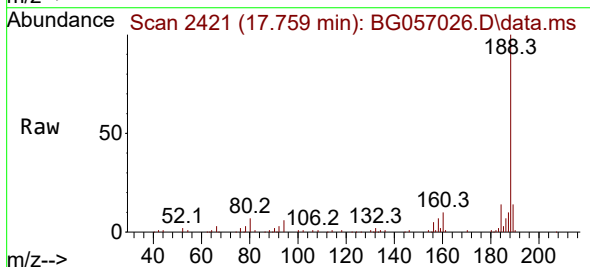
Ion	Ratio	Lower	Upper
77	100		
182	23.3	5.9	45.9
105	17.5	0.0	36.8
51	29.5	10.3	50.3

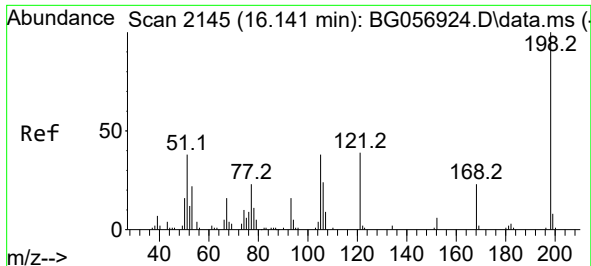


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.759 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

Tgt Ion: 188 Resp: 109667

Ion	Ratio	Lower	Upper
188	100		
94	6.4	4.6	6.8
80	7.0	5.5	8.3

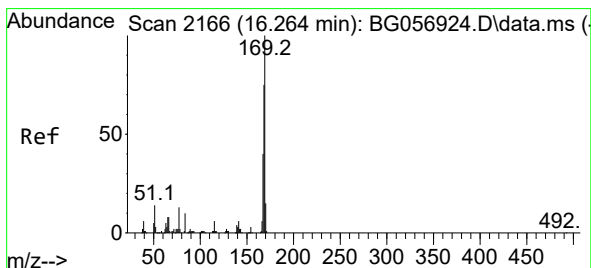
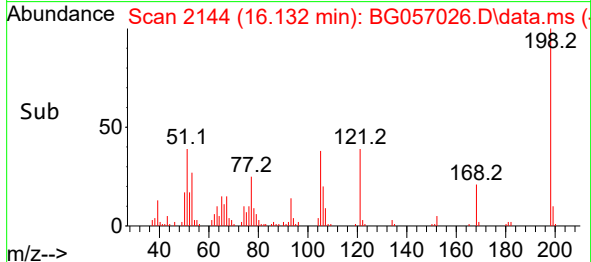
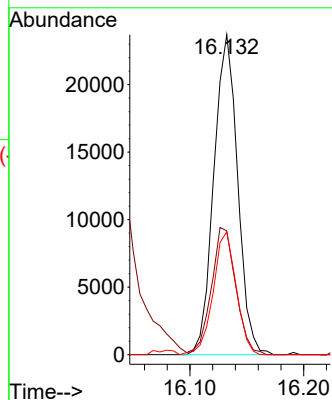
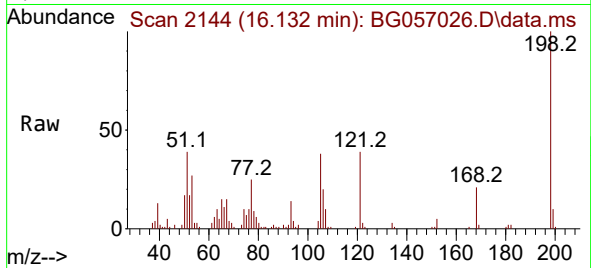




#65
4,6-Dinitro-2-methylphenol
Concen: 51.881 ng
RT: 16.132 min Scan# 2144
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

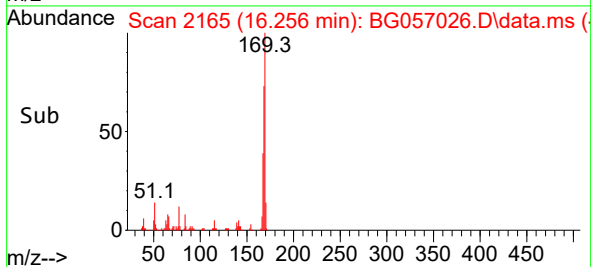
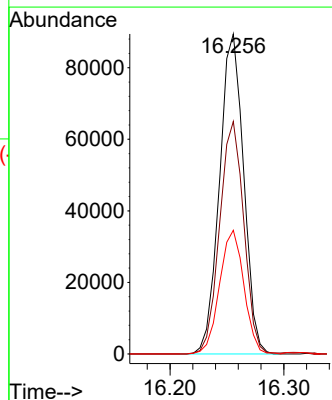
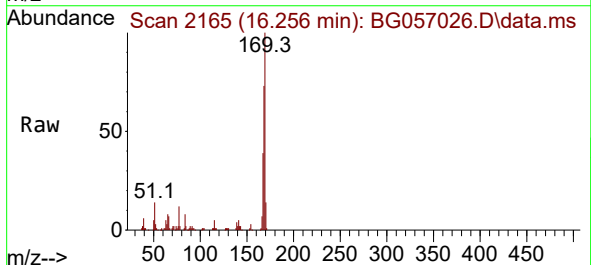
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS

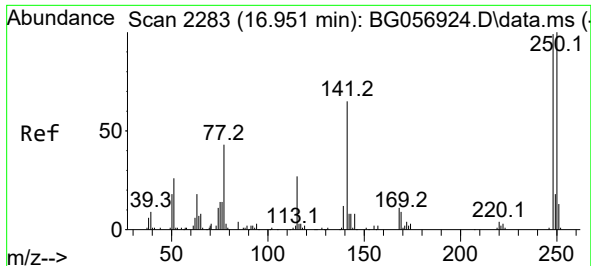
Tgt Ion:198 Resp: 34459
Ion Ratio Lower Upper
198 100
51 38.7 20.5 60.5
105 38.4 18.1 58.1



#66
n-Nitrosodiphenylamine
Concen: 44.746 ng
RT: 16.256 min Scan# 2165
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

Tgt Ion:169 Resp: 131728
Ion Ratio Lower Upper
169 100
168 72.7 59.6 89.4
167 38.7 31.8 47.8

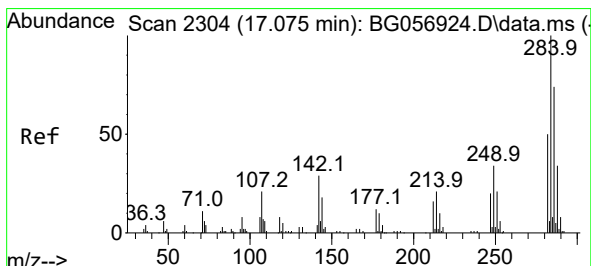
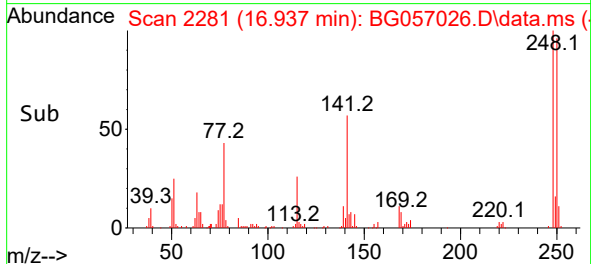
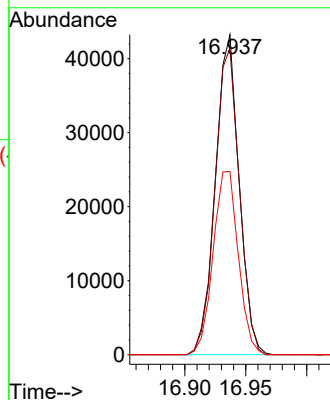
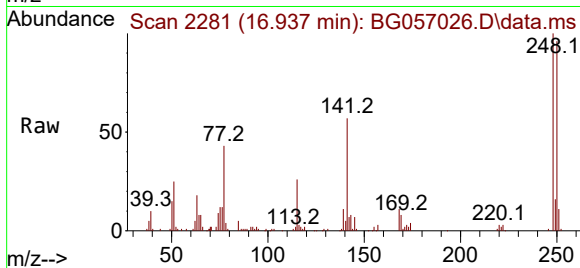




#67
4-Bromophenyl-phenylether
Concen: 43.323 ng
RT: 16.937 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

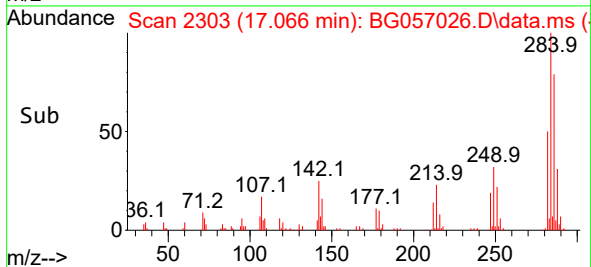
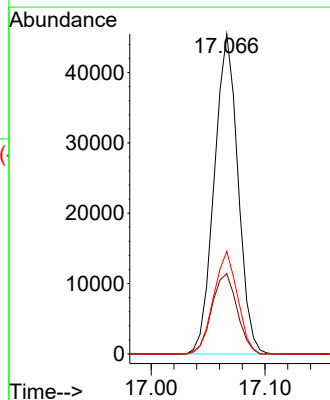
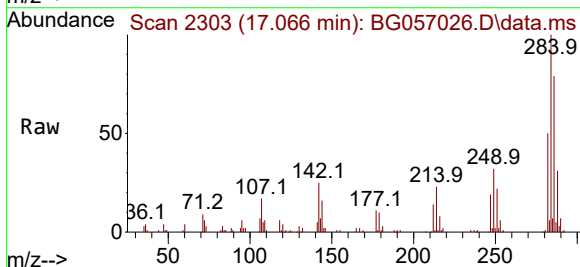
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS

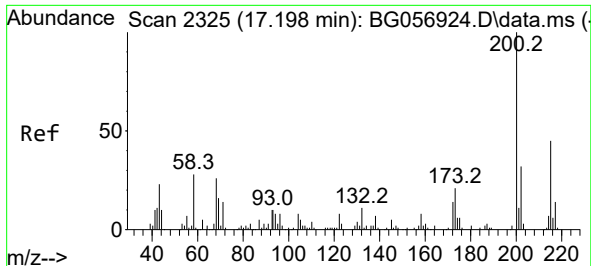
Tgt Ion:248 Resp: 58786
Ion Ratio Lower Upper
248 100
250 95.7 80.5 120.7
141 57.2 52.0 78.0



#68
Hexachlorobenzene
Concen: 49.042 ng
RT: 17.066 min Scan# 2303
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

Tgt Ion:284 Resp: 65791
Ion Ratio Lower Upper
284 100
142 25.1 23.0 34.4
249 32.1 27.1 40.7

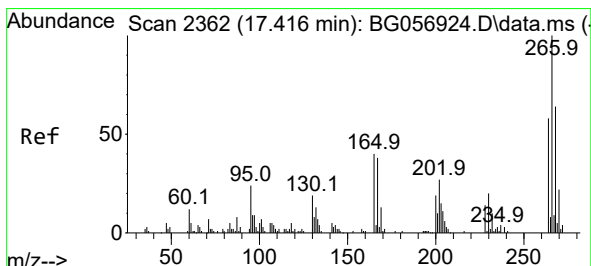
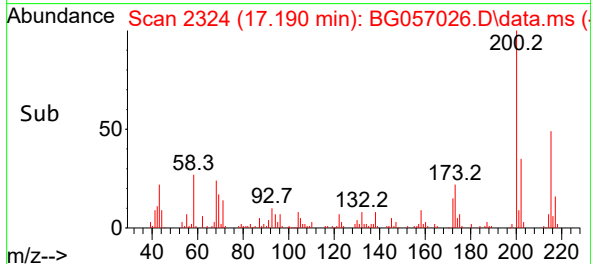
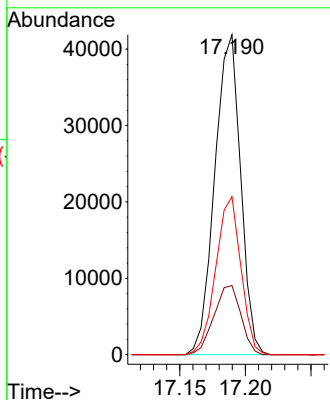
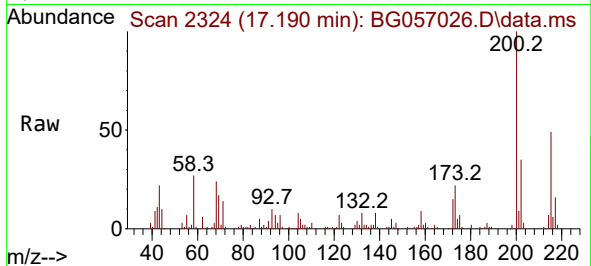




#69
 Atrazine
 Concen: 46.825 ng
 RT: 17.190 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG057026.D
 Acq: 7 Apr 2023 14:36

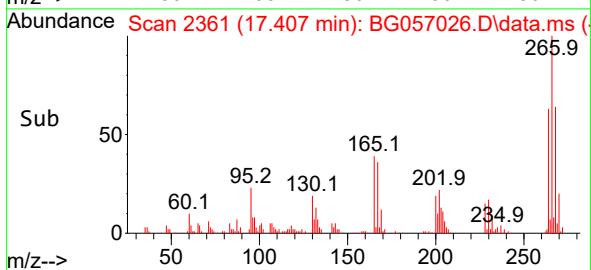
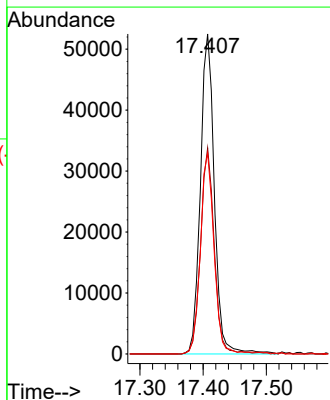
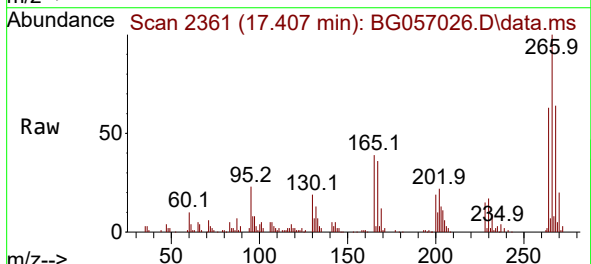
Instrument :
 BNA_G
 ClientSampleId :
 E-H4(ELEV-24)MS

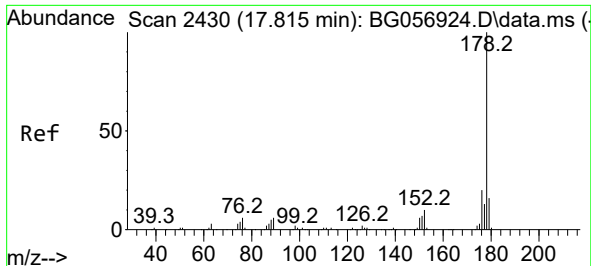
Tgt Ion:200 Resp: 57222
 Ion Ratio Lower Upper
 200 100
 173 21.6 1.0 41.0
 215 49.4 25.0 65.0



#70
 Pentachlorophenol
 Concen: 83.881 ng
 RT: 17.407 min Scan# 2361
 Delta R.T. -0.000 min
 Lab File: BG057026.D
 Acq: 7 Apr 2023 14:36

Tgt Ion:266 Resp: 80730
 Ion Ratio Lower Upper
 266 100
 268 64.4 51.0 76.6
 264 62.8 46.8 70.2

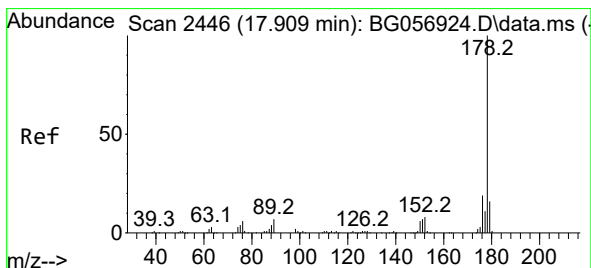
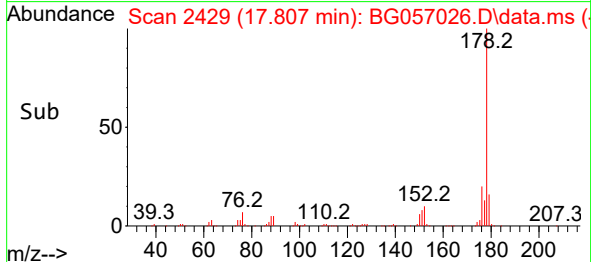
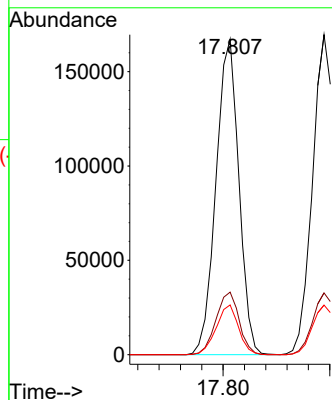
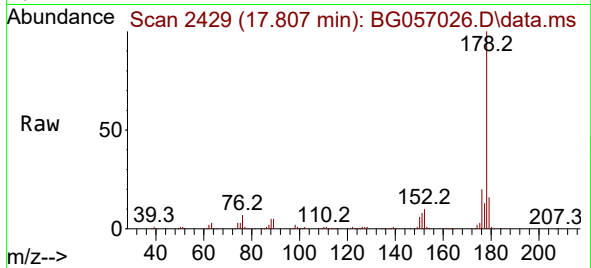




#71
Phenanthrene
Concen: 44.441 ng
RT: 17.807 min Scan# 2430
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

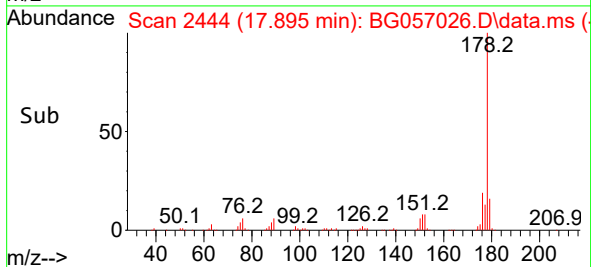
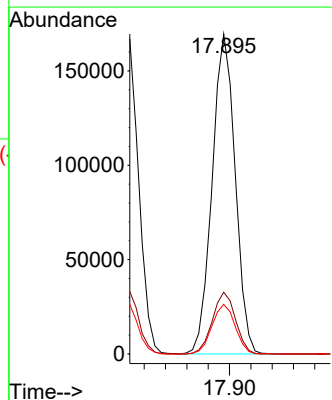
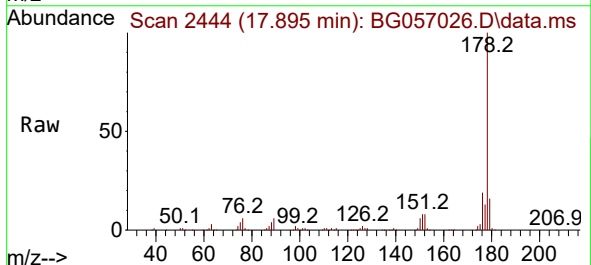
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS

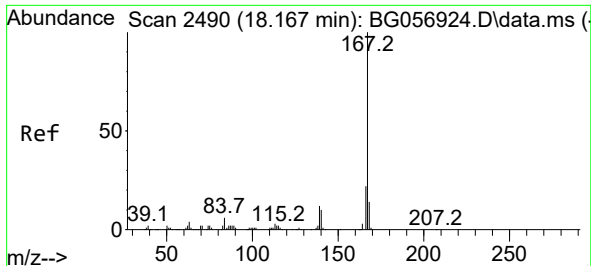
Tgt Ion:178 Resp: 248487
Ion Ratio Lower Upper
178 100
176 19.8 16.2 24.2
179 15.7 12.5 18.7



#72
Anthracene
Concen: 44.337 ng
RT: 17.895 min Scan# 2444
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

Tgt Ion:178 Resp: 254136
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.5 12.4 18.6

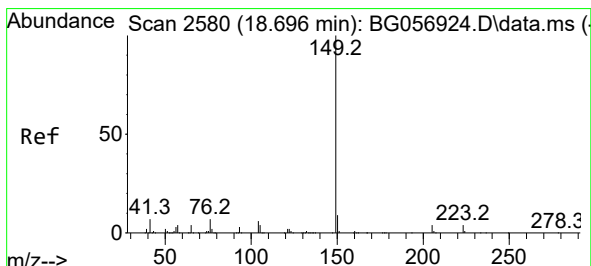
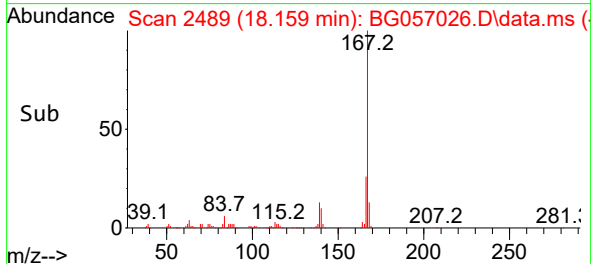
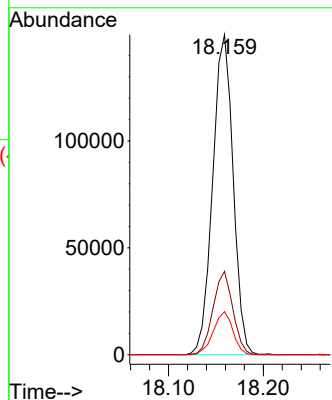
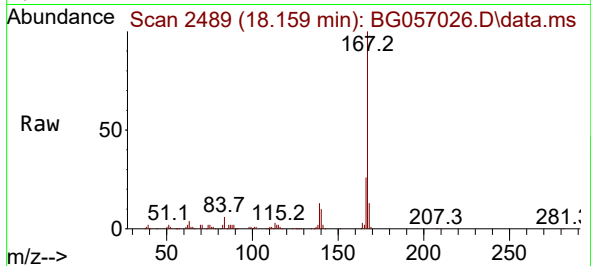




#73
Carbazole
Concen: 44.904 ng
RT: 18.159 min Scan# 24
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

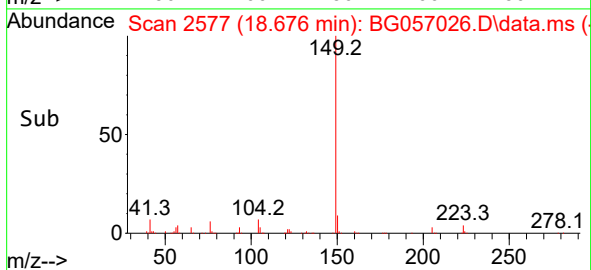
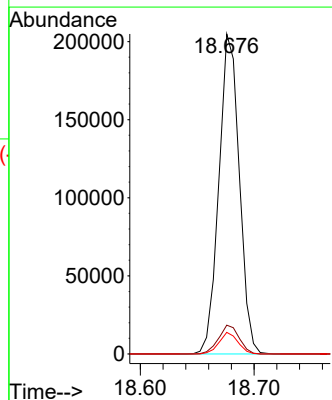
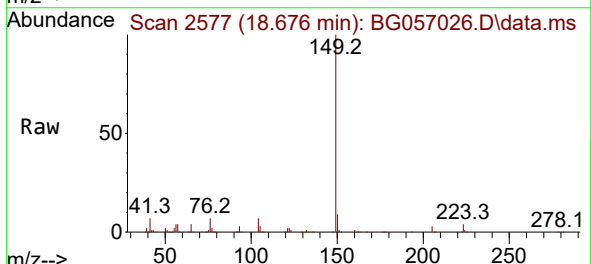
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS

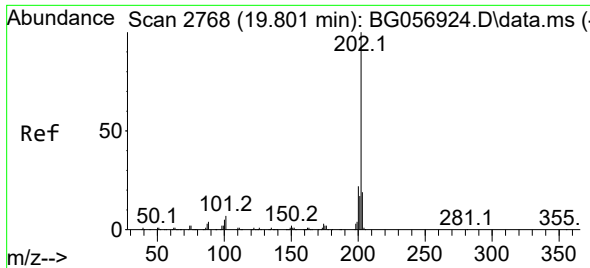
Tgt Ion:167 Resp: 224404
Ion Ratio Lower Upper
167 100
166 26.1 17.9 26.9
139 13.4 9.5 14.3



#74
Di-n-butylphthalate
Concen: 44.200 ng
RT: 18.676 min Scan# 2577
Delta R.T. -0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

Tgt Ion:149 Resp: 255785
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 6.8 4.9 7.3

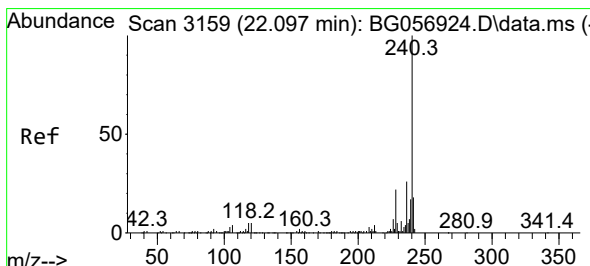
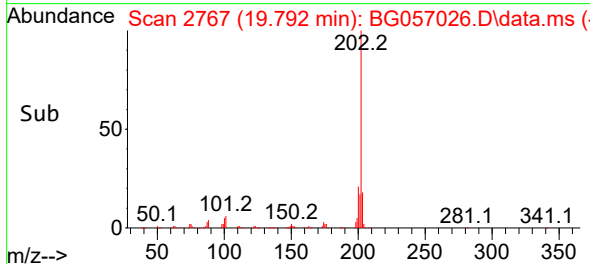
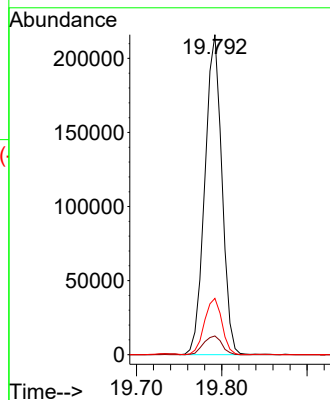
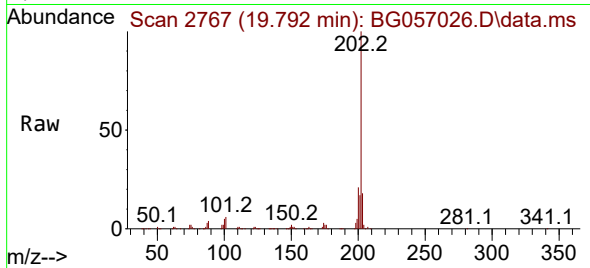




#75
 Fluoranthene
 Concen: 42.208 ng
 RT: 19.792 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG057026.D
 Acq: 7 Apr 2023 14:36

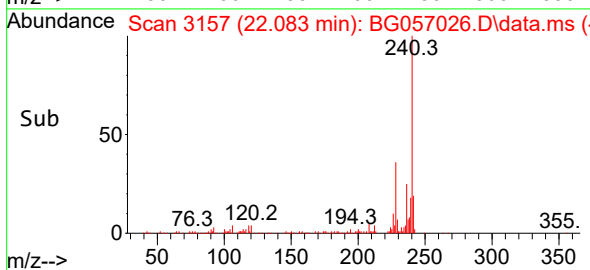
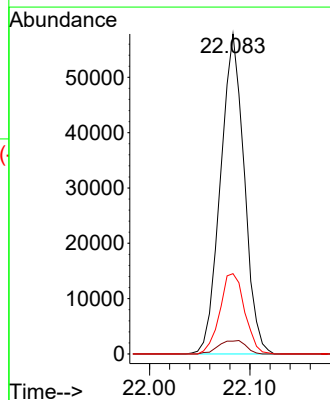
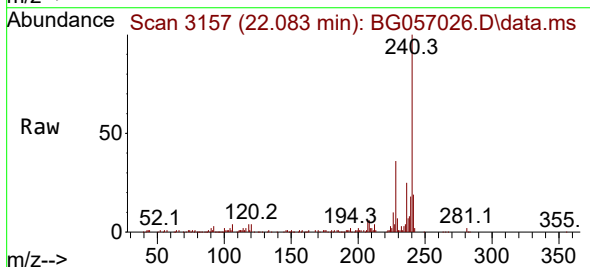
Instrument :
 BNA_G
 ClientSampleId :
 E-H4(ELEV-24)MS

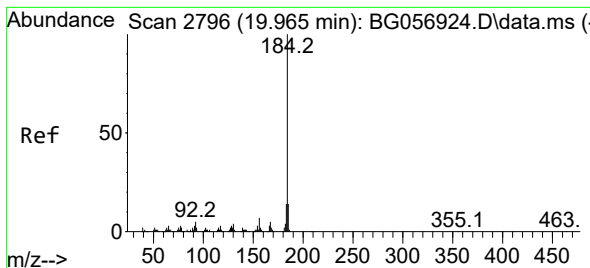
Tgt Ion:202 Resp: 299168
 Ion Ratio Lower Upper
 202 100
 101 5.8 0.0 26.7
 203 17.6 0.0 39.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.083 min Scan# 3157
 Delta R.T. -0.000 min
 Lab File: BG057026.D
 Acq: 7 Apr 2023 14:36

Tgt Ion:240 Resp: 95001
 Ion Ratio Lower Upper
 240 100
 120 4.0 3.8 5.6
 236 25.1 21.0 31.6





#77

Benzidine

Concen: 66.505 ng

RT: 19.957 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG057026.D

Acq: 7 Apr 2023 14:36

Instrument :

BNA_G

ClientSampleId :

E-H4(ELEV-24)MS

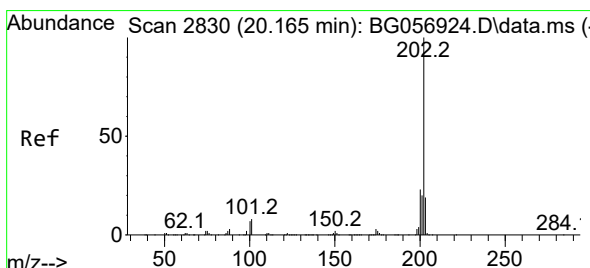
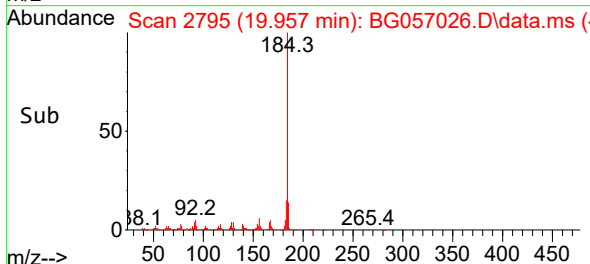
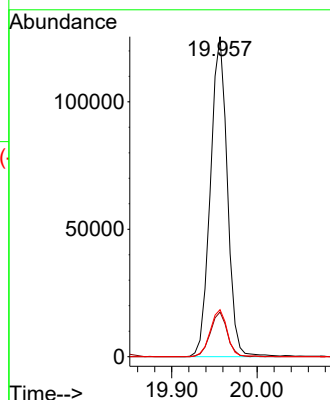
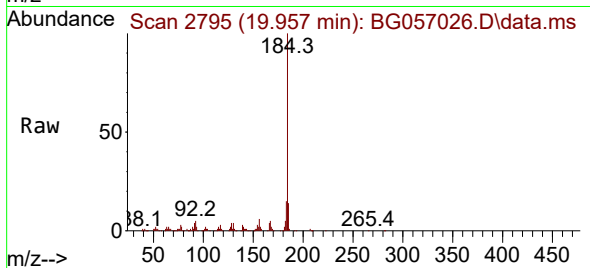
Tgt Ion:184 Resp: 172692

Ion Ratio Lower Upper

184 100

185 13.9 11.0 16.4

183 14.7 11.4 17.0



#78

Pyrene

Concen: 45.285 ng

RT: 20.150 min Scan# 2828

Delta R.T. -0.000 min

Lab File: BG057026.D

Acq: 7 Apr 2023 14:36

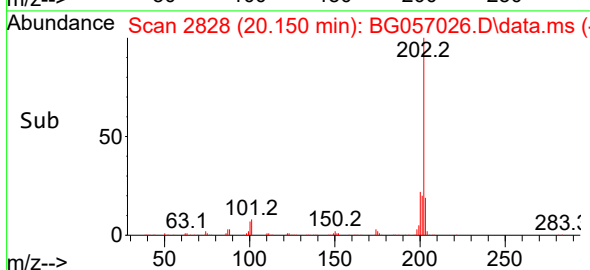
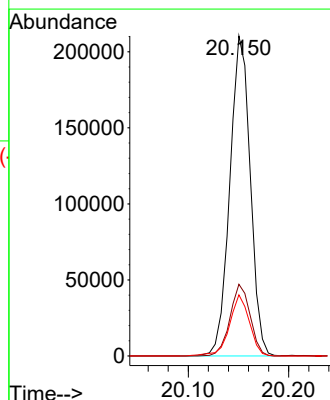
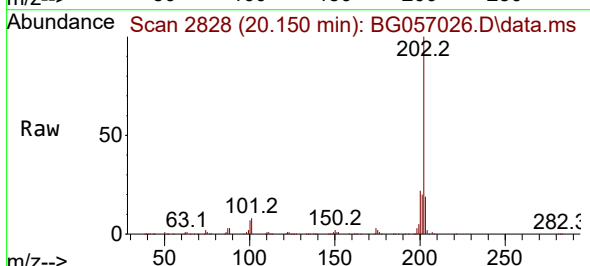
Tgt Ion:202 Resp: 297559

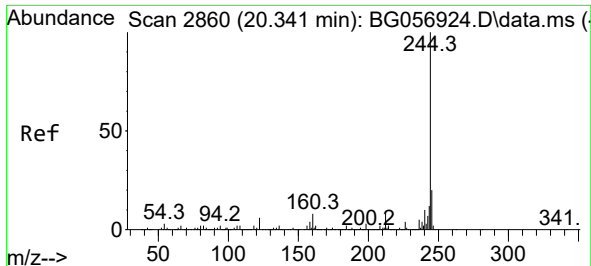
Ion Ratio Lower Upper

202 100

200 22.4 18.7 28.1

203 19.1 15.4 23.2

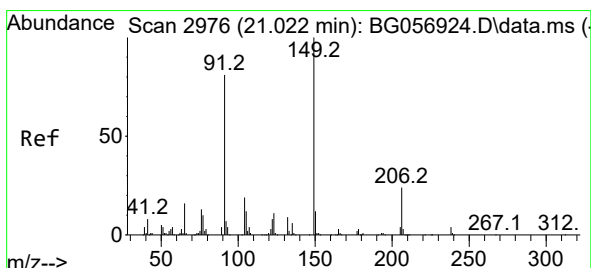
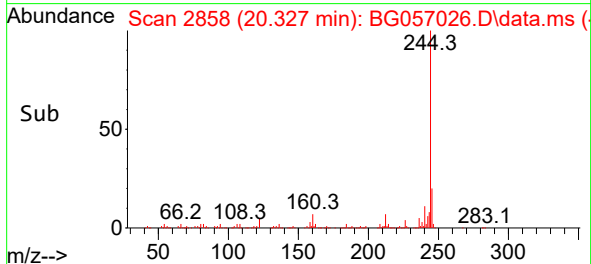
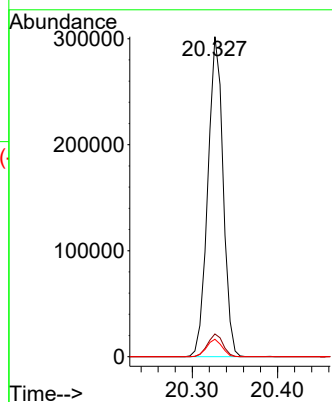
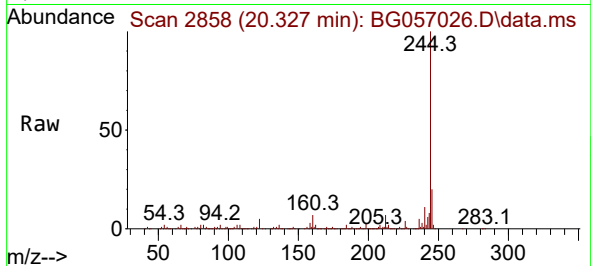




#79
 Terphenyl-d14
 Concen: 66.722 ng
 RT: 20.327 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG057026.D
 Acq: 7 Apr 2023 14:36

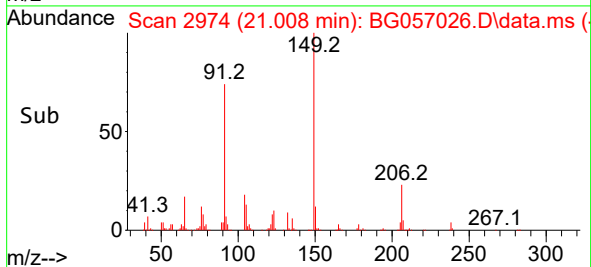
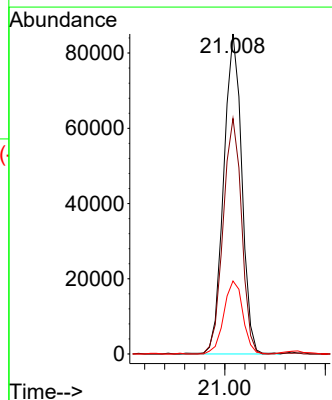
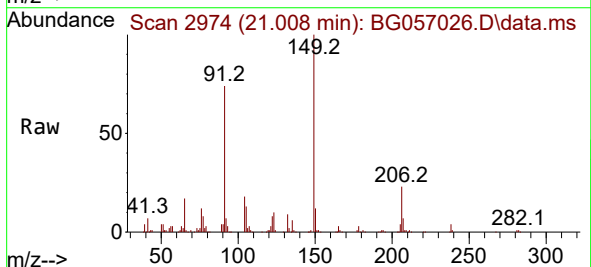
Instrument :
 BNA_G
 ClientSampleId :
 E-H4(ELEV-24)MS

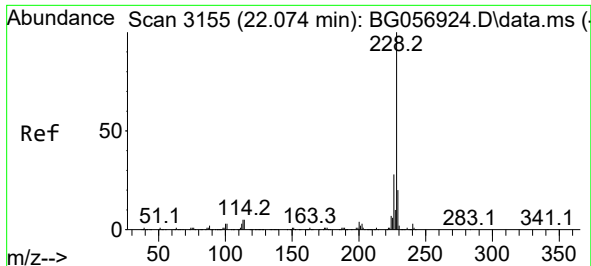
Tgt Ion:244 Resp: 374588
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 5.5 5.0 7.4



#80
 Butylbenzylphthalate
 Concen: 47.060 ng
 RT: 21.008 min Scan# 2974
 Delta R.T. -0.000 min
 Lab File: BG057026.D
 Acq: 7 Apr 2023 14:36

Tgt Ion:149 Resp: 106409
 Ion Ratio Lower Upper
 149 100
 91 73.6 64.4 96.6
 206 22.8 18.9 28.3

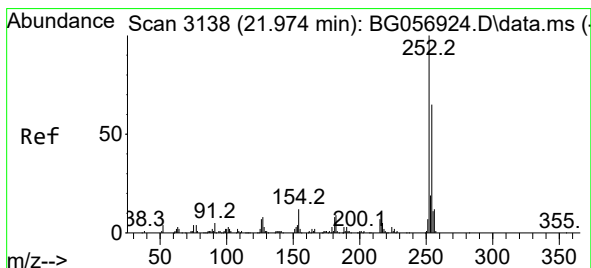
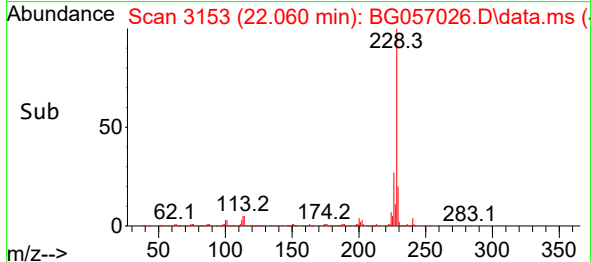
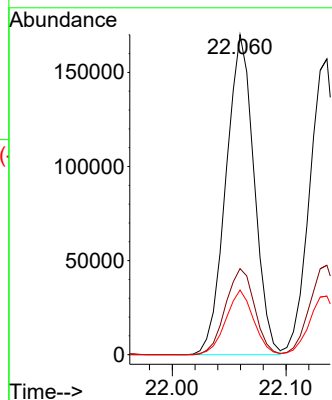
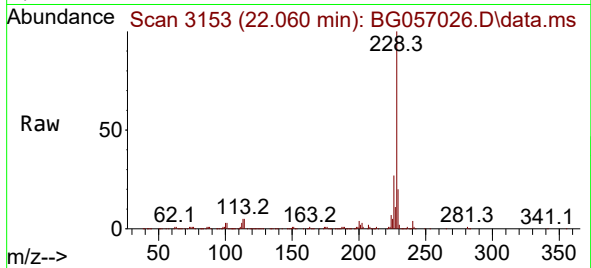




#81
Benzo(a)anthracene
Concen: 44.493 ng
RT: 22.060 min Scan# 3155
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

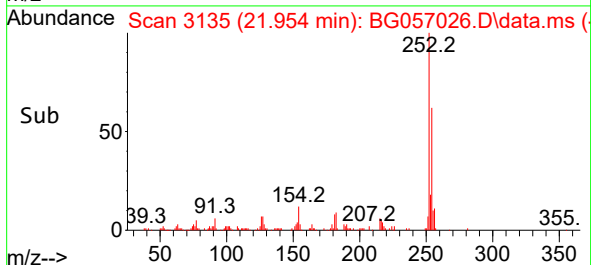
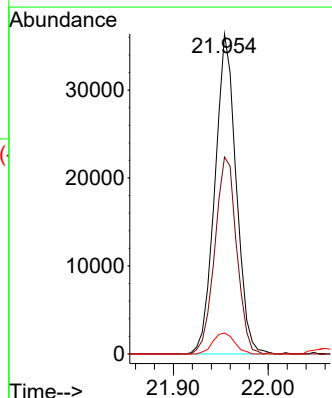
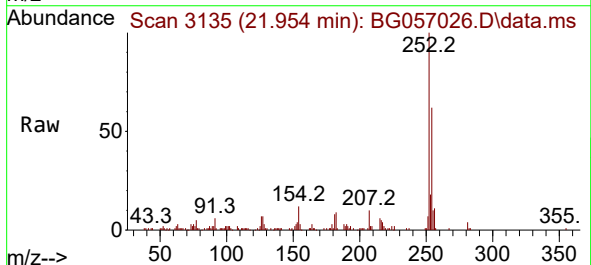
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS

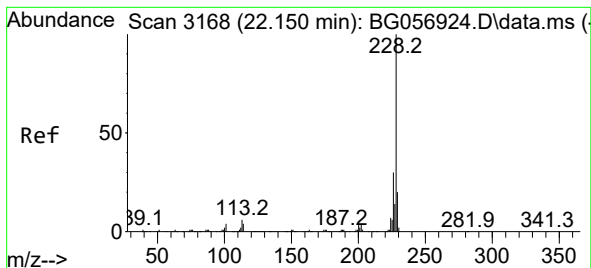
Tgt Ion:228 Resp: 292501
Ion Ratio Lower Upper
228 100
226 26.9 22.1 33.1
229 20.2 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 25.523 ng
RT: 21.954 min Scan# 3135
Delta R.T. -0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

Tgt Ion:252 Resp: 56658
Ion Ratio Lower Upper
252 100
254 61.5 51.7 77.5
126 6.5 5.6 8.4





#83

Chrysene

Concen: 43.890 ng

RT: 22.136 min Scan# 3166

Delta R.T. -0.000 min

Lab File: BG057026.D

Acq: 7 Apr 2023 14:36

Instrument :

BNA_G

ClientSampleId :

E-H4(ELEV-24)MS

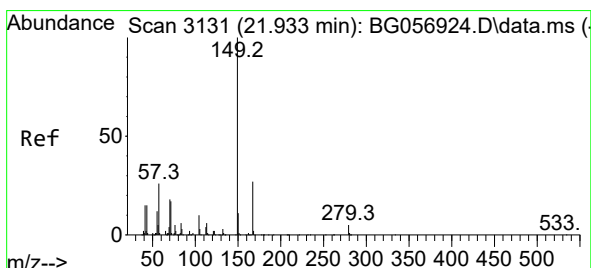
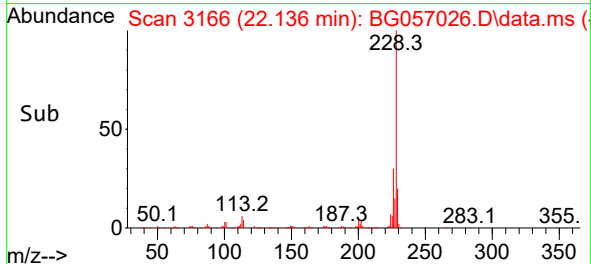
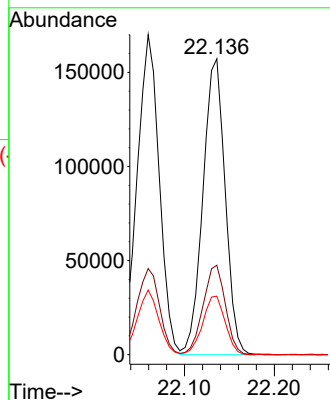
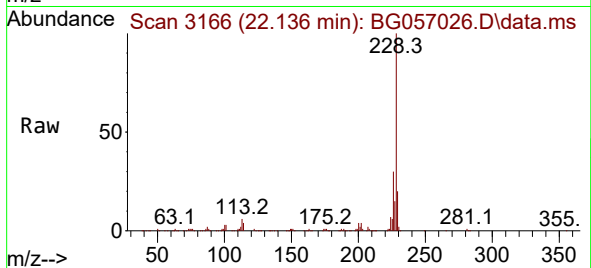
Tgt Ion:228 Resp: 270161

Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.540 ng

RT: 21.913 min Scan# 3128

Delta R.T. -0.000 min

Lab File: BG057026.D

Acq: 7 Apr 2023 14:36

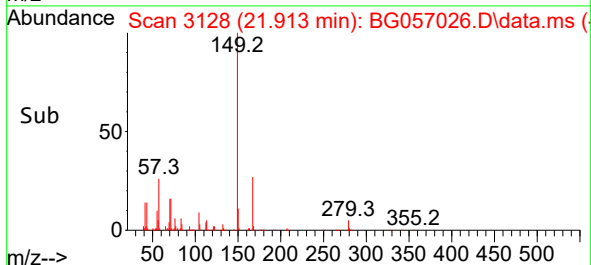
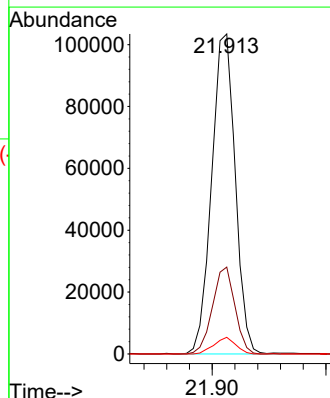
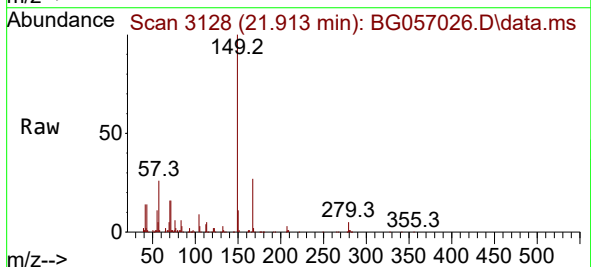
Tgt Ion:149 Resp: 149105

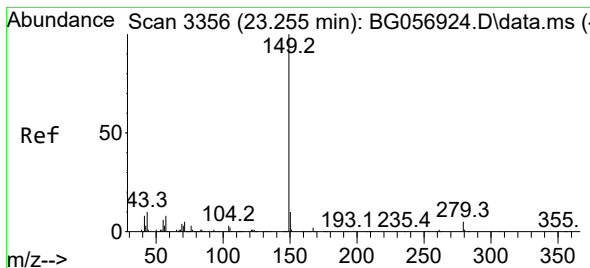
Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.2

279 5.2 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 45.945 ng

RT: 23.223 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG057026.D

Acq: 7 Apr 2023 14:36

Instrument :

BNA_G

ClientSampleId :

E-H4(ELEV-24)MS

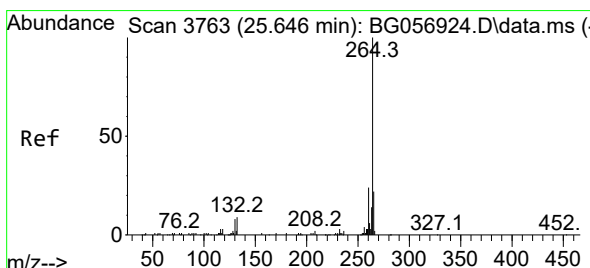
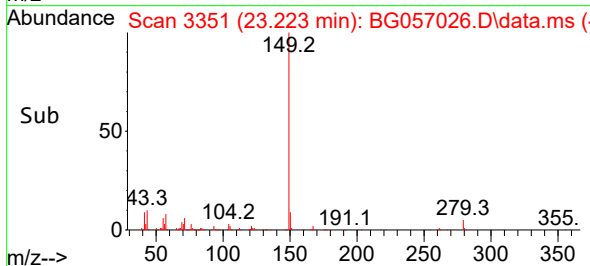
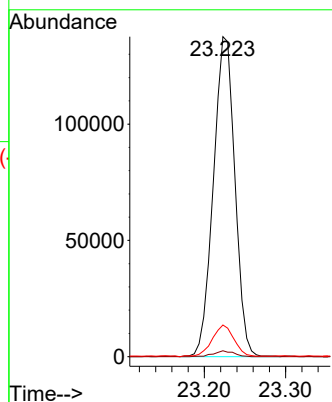
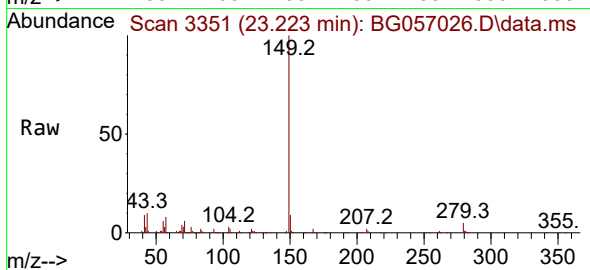
Tgt Ion:149 Resp: 253501

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 10.2 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.625 min Scan# 3760

Delta R.T. -0.006 min

Lab File: BG057026.D

Acq: 7 Apr 2023 14:36

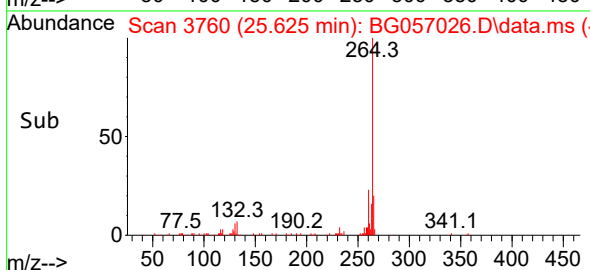
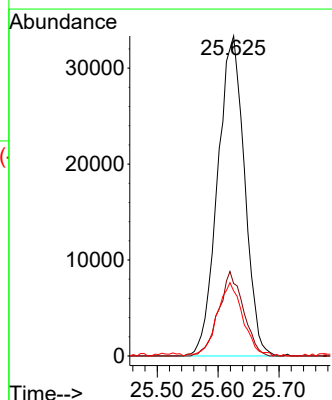
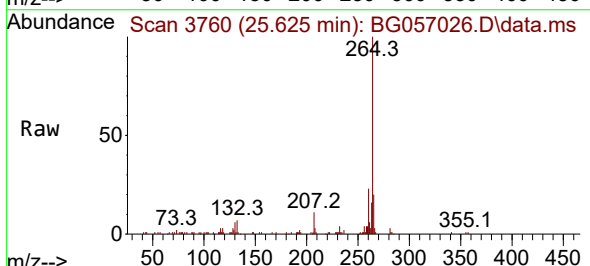
Tgt Ion:264 Resp: 101954

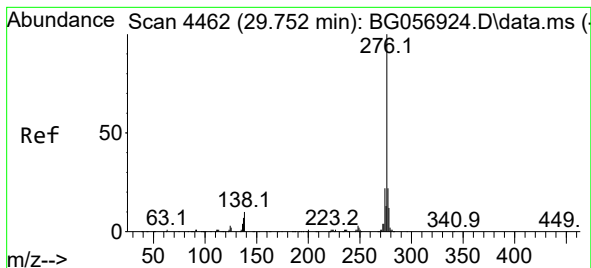
Ion Ratio Lower Upper

264 100

260 22.6 19.0 28.4

265 20.4 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.397 ng

RT: 29.714 min Scan# 4456

Delta R.T. -0.012 min

Lab File: BG057026.D

Acq: 7 Apr 2023 14:36

Instrument :

BNA_G

ClientSampleId :

E-H4(ELEV-24)MS

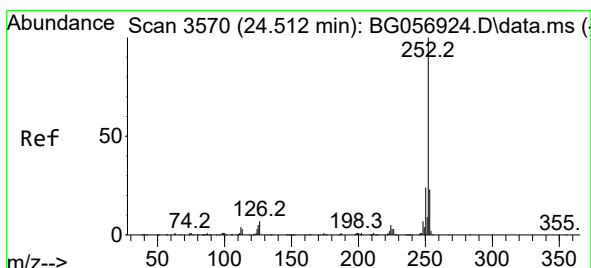
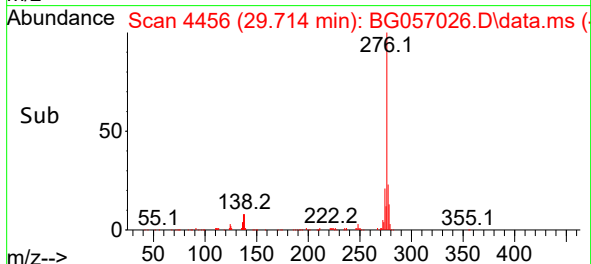
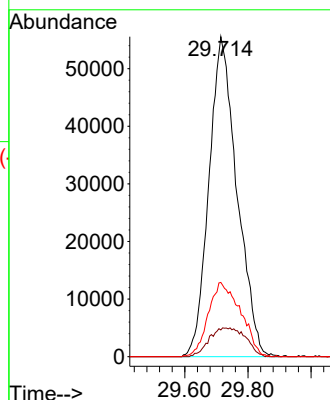
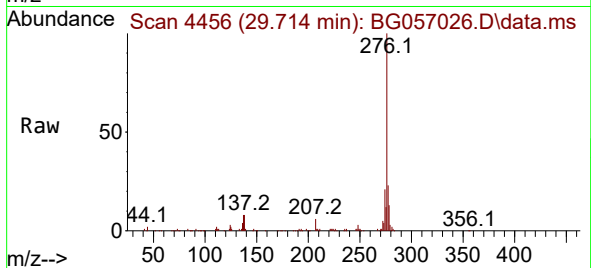
Tgt Ion:276 Resp: 342064

Ion Ratio Lower Upper

276 100

138 11.7 7.7 11.5#

277 26.7 21.0 31.4



#88

Benzo(b)fluoranthene

Concen: 46.852 ng

RT: 24.492 min Scan# 3567

Delta R.T. -0.000 min

Lab File: BG057026.D

Acq: 7 Apr 2023 14:36

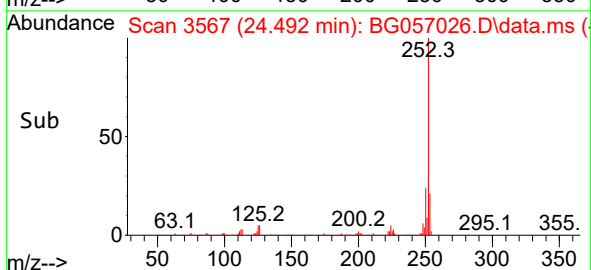
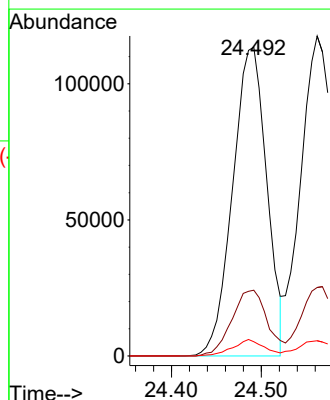
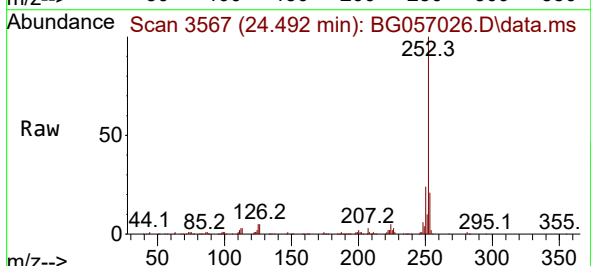
Tgt Ion:252 Resp: 298702

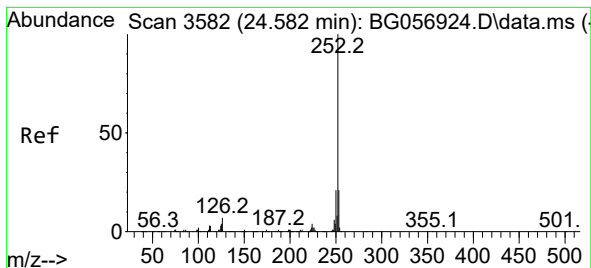
Ion Ratio Lower Upper

252 100

253 21.3 18.1 27.1

125 4.6 4.2 6.4





#89

Benzo(k)fluoranthene

Concen: 47.433 ng

RT: 24.562 min Scan# 3

Delta R.T. -0.006 min

Lab File: BG057026.D

Acq: 7 Apr 2023 14:36

Instrument :

BNA_G

ClientSampleId :

E-H4(ELEV-24)MS

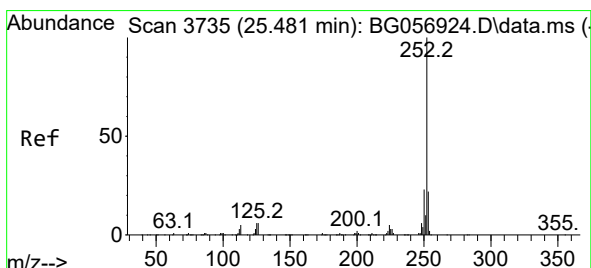
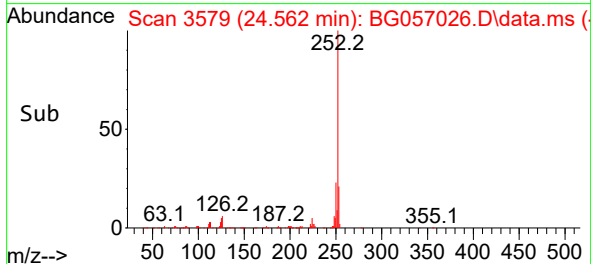
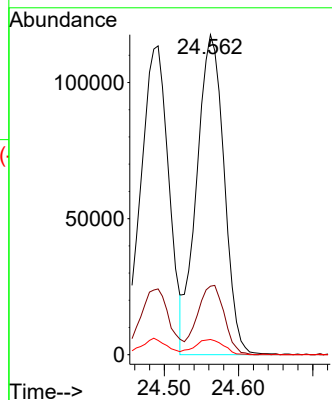
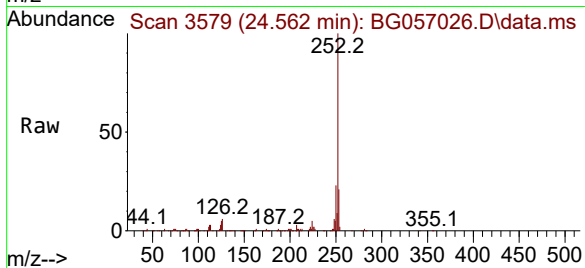
Tgt Ion:252 Resp: 301901

Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

125 4.8 3.8 5.6



#90

Benzo(a)pyrene

Concen: 42.006 ng

RT: 25.455 min Scan# 3731

Delta R.T. -0.006 min

Lab File: BG057026.D

Acq: 7 Apr 2023 14:36

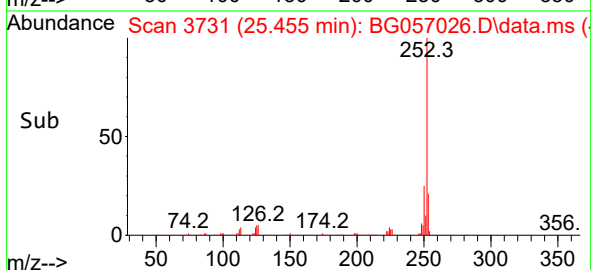
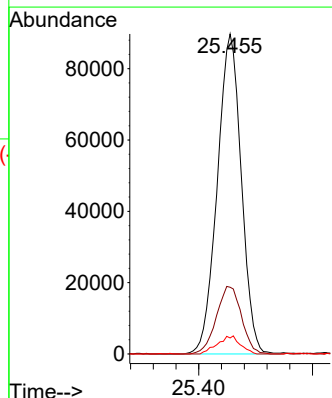
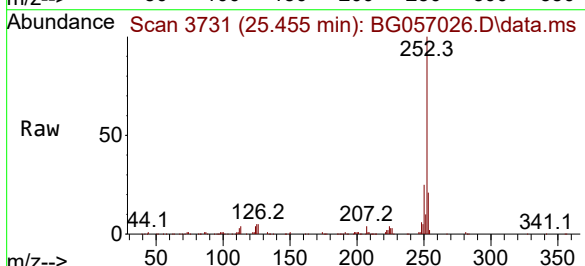
Tgt Ion:252 Resp: 263166

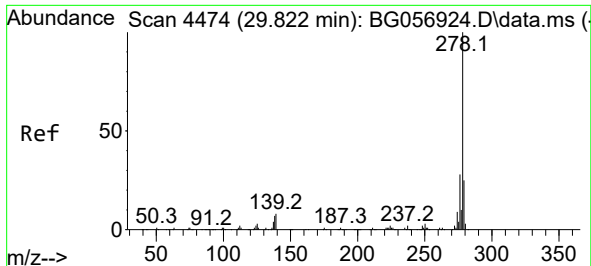
Ion Ratio Lower Upper

252 100

253 20.9 17.6 26.4

125 5.0 4.5 6.7

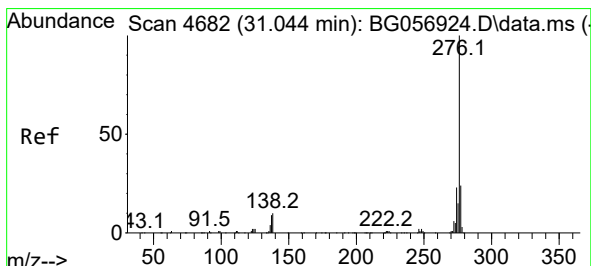
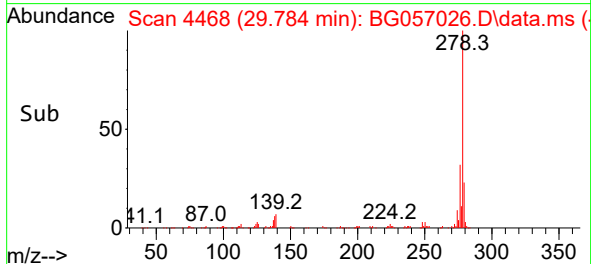
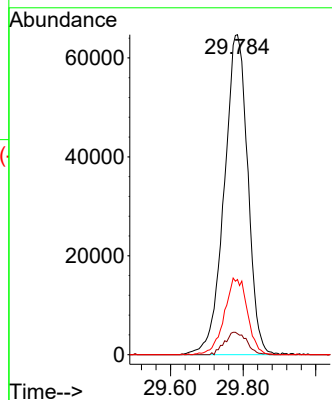
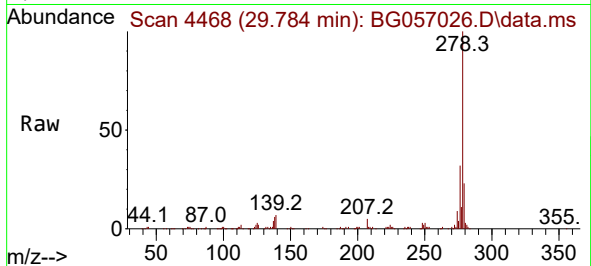




#91
Dibenzo(a,h)anthracene
Concen: 47.040 ng
RT: 29.784 min Scan# 4474
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS

Tgt Ion:278 Resp: 291344
Ion Ratio Lower Upper
278 100
139 6.5 6.4 9.6
279 23.5 20.2 30.2



#92
Benzo(g,h,i)perylene
Concen: 45.312 ng
RT: 31.006 min Scan# 4676
Delta R.T. -0.012 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

Tgt Ion:276 Resp: 274804
Ion Ratio Lower Upper
276 100
277 22.8 19.1 28.7
138 10.4 8.2 12.2

