

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057255.D
 Acq On : 1 May 2023 18:27
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020469

Quant Time: May 01 22:30:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 01 12:45:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.378	152	15541	20.000	ng/u1	0.00
20) Naphthalene-d8	11.216	136	65749	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.993	164	48516	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.730	188	115134	20.000	ng/u1	0.00
79) Chrysene-d12	22.042	240	100372	20.000	ng/u1	0.00
88) Perylene-d12	25.567	264	105916	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.661	96	2587	7.325	ng/uL	0.00
4) Pyridine-d5	4.102	84	22752	20.435	ng/u1	0.00
7) Phenol-d5	7.515	99	30981	21.079	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.685	67	17416	20.147	ng/u1	0.00
11) 2-Chlorophenol-d4	7.908	132	21841	22.550	ng/u1	0.00
15) 4-Methylphenol-d8	9.077	113	23422	20.968	ng/u1	0.00
21) Nitrobenzene-d5	9.559	128	11740	22.422	ng/u1	0.00
24) 2-Nitrophenol-d4	10.282	143	13668	22.367	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.834	165	27281	23.141	ng/u1	0.00
31) 4-Chloroaniline-d4	11.345	131	31919	20.428	ng/u1	0.00
46) Dimethylphthalate-d6	14.376	166	80734	21.001	ng/u1	0.00
49) Acenaphthylene-d8	14.693	160	96676	22.375	ng/u1	0.00
54) 4-Nitrophenol-d4	15.175	143	10725	19.166	ng/u1	0.00
60) Fluorene-d10	15.974	176	77188	21.554	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.091	200	13451	19.719	ng/u1	0.00
73) Anthracene-d10	17.830	188	117182	22.298	ng/u1	0.00
81) Pyrene-d10	20.098	212	131727	22.110	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.320	264	118892	22.033	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.696	88	3170	8.464	ng/uL#	83
5) Pyridine	4.125	79	23574	20.086	ng/u1	89
6) Benzaldehyde	7.503	77	10748	23.944	ng/u1#	80
8) Phenol	7.544	94	31573	21.314	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.779	93	22772	20.540	ng/u1	92
12) 2-Chlorophenol	7.938	128	22292	21.912	ng/u1	98
13) 2-Methylphenol	8.813	108	23488	20.459	ng/u1	89
14) 2,2'-oxybis(1-Chloropr...	8.895	45	28315	19.809	ng/u1	96
16) Acetophenone	9.207	105	40320	20.976	ng/u1	95
17) N-Nitroso-di-n-propyla...	9.177	70	21679	19.627	ng/u1	96
18) 4-Methylphenol	9.142	108	25786	20.751	ng/u1	91
19) Hexachloroethane	9.477	117	9881	23.214	ng/u1	97
22) Nitrobenzene	9.600	77	34048	21.837	ng/u1	99
23) Isophorone	10.117	82	60325	20.336	ng/u1	97
25) 2-Nitrophenol	10.317	139	13918	22.487	ng/u1	95
26) 2,4-Dimethylphenol	10.358	107	30045	21.399	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.593	93	31128	20.186	ng/u1	99
29) 2,4-Dichlorophenol	10.857	162	25595	22.873	ng/u1	100
30) Naphthalene	11.268	128	78342	21.701	ng/u1	98
32) 4-Chloroaniline	11.368	127	32910	20.214	ng/u1	93
33) Hexachlorobutadiene	11.545	225	22295	23.490	ng/u1	95
34) Caprolactam	12.114	113	8059	21.393	ng/u1	96
35) 4-Chloro-3-methylphenol	12.461	107	27052	21.011	ng/u1	99
36) 2-Methylnaphthalene	12.843	142	57660	21.780	ng/u1	100

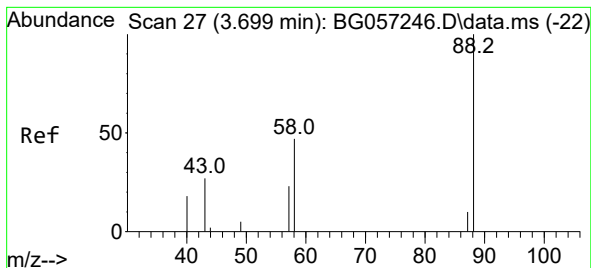
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.060	142	57603	21.639	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.207	216	41289	23.419	ng/ul	98
40) Hexachlorocyclopentadiene	13.178	237	17030	19.356	ng/ul	99
41) 2,4,6-Trichlorophenol	13.436	196	24008	23.381	ng/ul	89
42) 2,4,5-Trichlorophenol	13.518	196	26243	23.804	ng/ul	95
43) 1,1'-Biphenyl	13.830	154	82202	22.205	ng/ul	98
44) 2-Chloronaphthalene	13.883	162	65301	22.750	ng/ul	98
45) 2-Nitroaniline	14.076	65	19542	22.552	ng/ul	95
47) Dimethylphthalate	14.423	163	80651	20.892	ng/ul	98
48) 2,6-Dinitrotoluene	14.558	165	17006	21.406	ng/ul	90
50) Acenaphthylene	14.723	152	97082	22.111	ng/ul	99
51) 3-Nitroaniline	14.887	138	13043	23.170	ng/ul	95
52) Acenaphthene	15.057	153	68097	21.768	ng/ul	97
53) 2,4-Dinitrophenol	15.104	184	7327	17.318	ng/ul	91
55) 4-Nitrophenol	15.193	109	12657	19.953	ng/ul	98
56) Dibenzofuran	15.386	168	98830	21.877	ng/ul	100
57) 2,4-Dinitrotoluene	15.345	165	24543	21.580	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.610	232	22699	22.659	ng/ul	97
59) Diethylphthalate	15.768	149	81282	20.724	ng/ul	98
61) Fluorene	16.033	166	82021	21.472	ng/ul	100
62) 4-Chlorophenyl-phenyle...	16.009	204	48804	21.889	ng/ul	97
63) 4-Nitroaniline	16.044	138	8744	16.403	ng/ul	95
66) 4,6-Dinitro-2-methylph...	16.109	198	13655	19.644	ng/ul#	89
67) N-Nitrosodiphenylamine	16.226	169	67807	22.546	ng/ul	98
68) 4-Bromophenyl-phenylether	16.902	248	31595	22.960	ng/ul	95
69) Hexachlorobenzene	17.043	284	33988	23.455	ng/ul	98
70) Atrazine	17.155	200	30537	22.846	ng/ul	98
71) Pentachlorophenol	17.384	266	12663	18.905	ng/ul	91
72) Phenanthrene	17.771	178	130450	21.757	ng/ul	99
74) Anthracene	17.865	178	132771	22.045	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.806	216	43540	25.143	ng/uL	99
76) Pentachlorobenzene	15.310	250	42347	24.024	ng/uL	97
77) Carbazole	18.130	167	109663	21.789	ng/ul	99
78) Di-n-butylphthalate	18.647	149	127135	22.090	ng/ul	99
80) Fluoranthene	19.763	202	154047	21.767	ng/ul	98
82) Pyrene	20.127	202	156730	21.876	ng/ul	97
83) Butylbenzylphthalate	20.979	149	50742	22.116	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.919	252	55895	25.075	ng/ul	94
85) Benzo(a)anthracene	22.024	228	157099	22.130	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.872	149	74500	22.326	ng/ul	97
87) Chrysene	22.095	228	146553	21.882	ng/ul	99
89) Di-n-octyl phthalate	23.170	149	129035	22.061	ng/ul	100
90) Benzo(b)fluoranthene	24.509	252	157340	21.452	ng/ul	95
91) Benzo(k)fluoranthene	24.509	252	158605	22.227	ng/ul	97
93) Benzo(a)pyrene	25.396	252	137134	21.657	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	29.620	276	177622	22.440	ng/ul	94
95) Dibenzo(a,h)anthracene	29.691	278	149025	22.705	ng/ul	99
96) Benzo(g,h,i)perylene	30.901	276	135444	21.143	ng/ul	98

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



#2

1,4-Dioxane

Concen: 8.464 ng/uL

RT: 3.696 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG057255.D

Acq: 1 May 2023 18:27

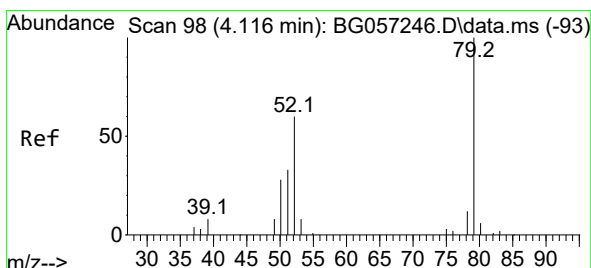
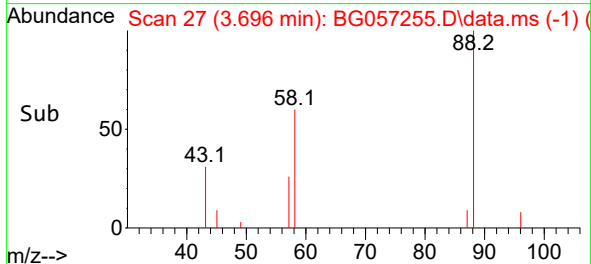
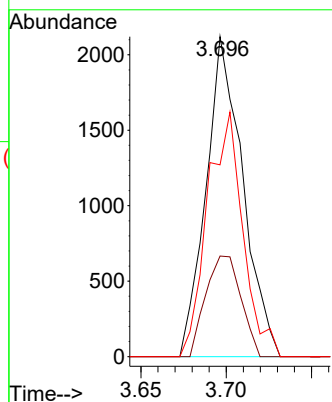
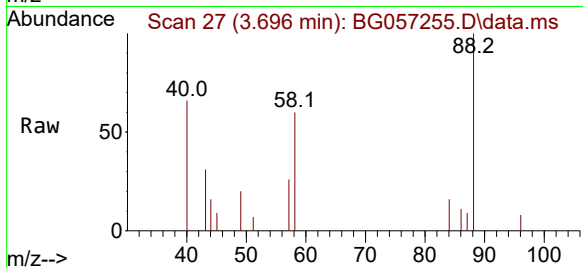
Instrument :

BNA_G

ClientSampleId :

SSTD020469

Tgt Ion: 88	Resp:	3170
Ion	Ratio	Lower Upper
88	100	
43	31.5	28.2 42.4
58	60.0	63.3 94.9



#5

Pyridine

Concen: 20.086 ng/uL

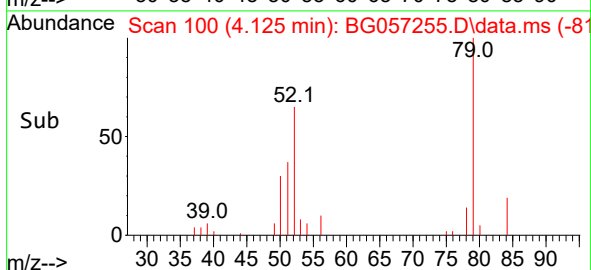
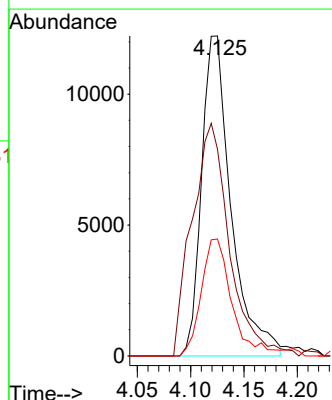
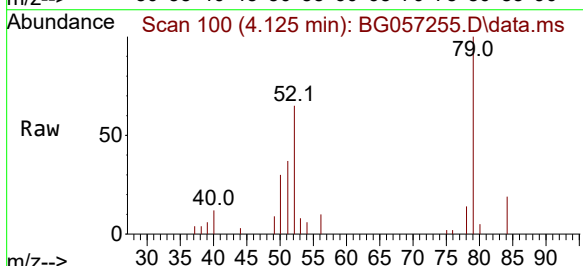
RT: 4.125 min Scan# 100

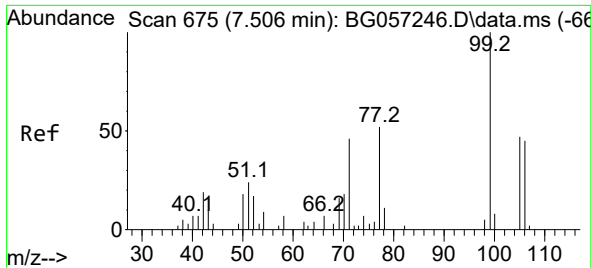
Delta R.T. 0.009 min

Lab File: BG057255.D

Acq: 1 May 2023 18:27

Tgt Ion: 79	Resp:	23574
Ion	Ratio	Lower Upper
79	100	
52	64.7	62.4 93.6
51	36.6	29.0 43.4

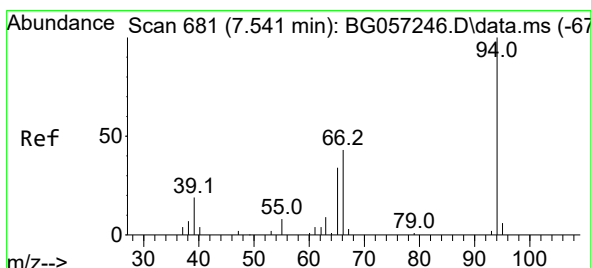
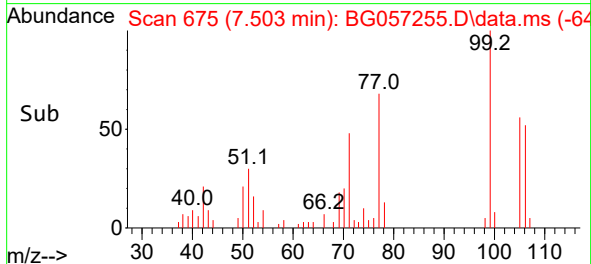
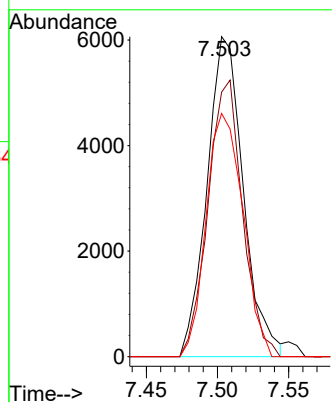
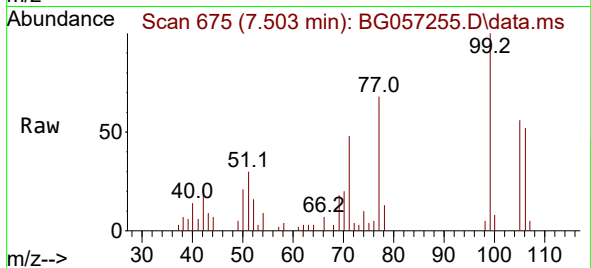




#6
Benzaldehyde
Concen: 23.944 ng/ul
RT: 7.503 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG057255.D
Acq: 1 May 2023 18:27

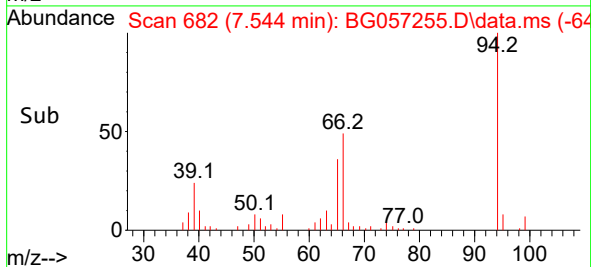
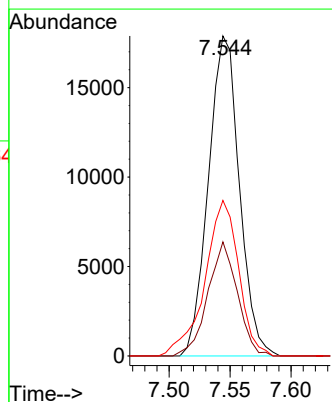
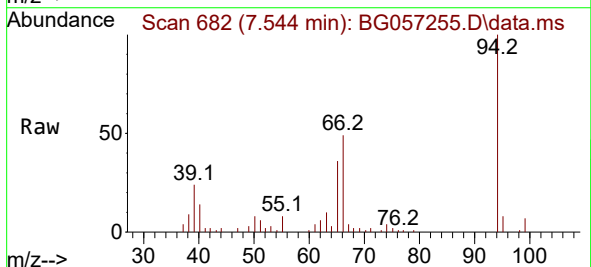
Instrument :
BNA_G
ClientSampleId :
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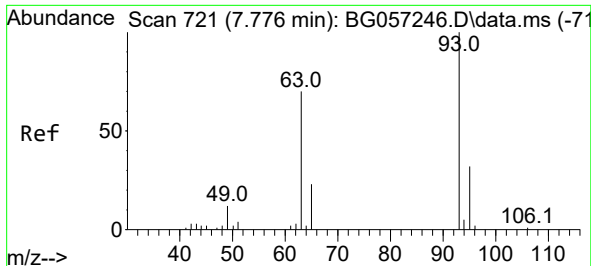
Tgt Ion: 77 Resp: 10748
Ion Ratio Lower Upper
77 100
105 82.7 79.8 119.6
106 76.0 78.7 118.1#



#8
Phenol
Concen: 21.314 ng/ul
RT: 7.544 min Scan# 682
Delta R.T. 0.003 min
Lab File: BG057255.D
Acq: 1 May 2023 18:27

Tgt Ion: 94 Resp: 31573
Ion Ratio Lower Upper
94 100
65 35.6 25.5 38.3
66 48.6 36.9 55.3

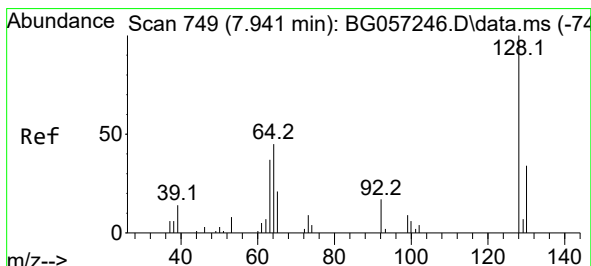
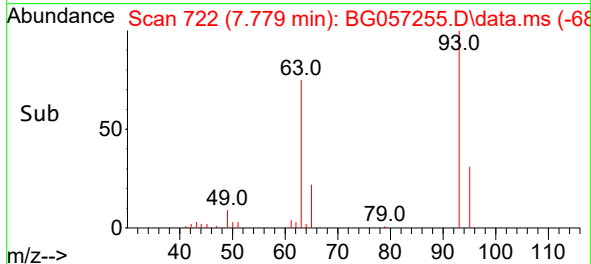
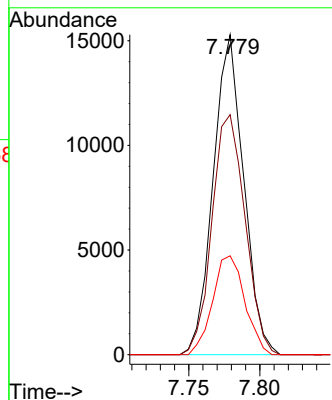
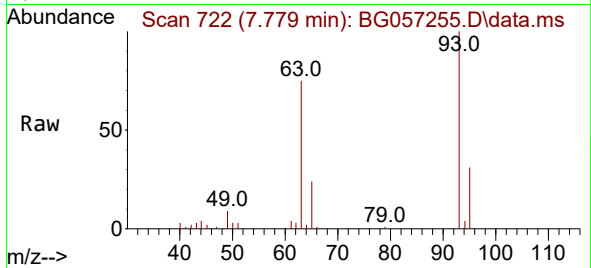




#10
Bis(2-Chloroethyl)ether
Concen: 20.540 ng/ul
RT: 7.779 min Scan# 71
Delta R.T. 0.003 min
Lab File: BG057255.D
Acq: 1 May 2023 18:27

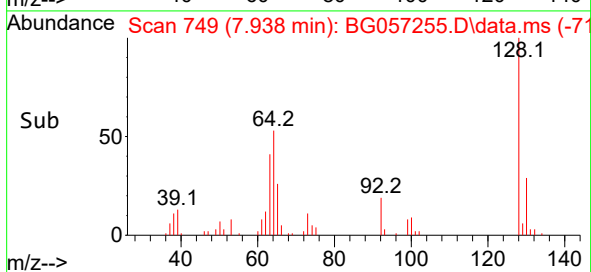
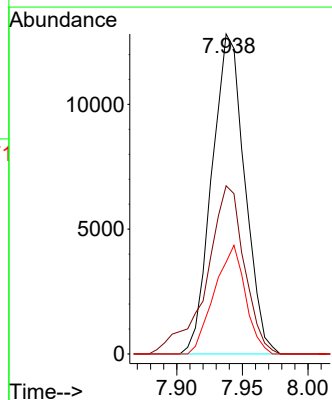
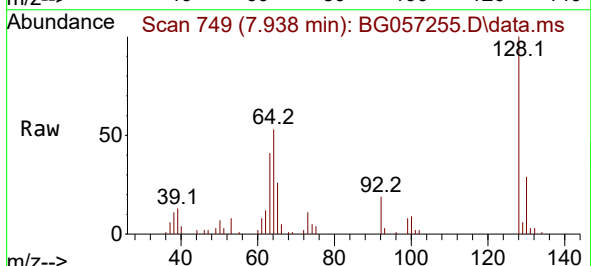
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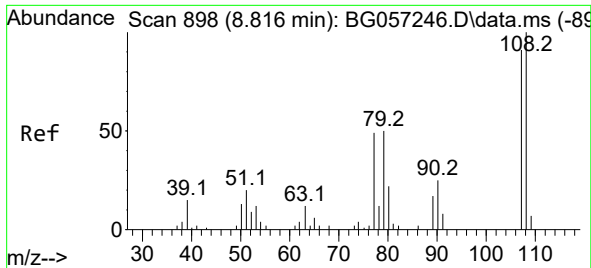
Tgt Ion: 93 Resp: 22772
Ion Ratio Lower Upper
93 100
63 75.0 67.2 100.8
95 30.9 26.3 39.5



#12
2-Chlorophenol
Concen: 21.912 ng/ul
RT: 7.938 min Scan# 749
Delta R.T. -0.003 min
Lab File: BG057255.D
Acq: 1 May 2023 18:27

Tgt Ion:128 Resp: 22292
Ion Ratio Lower Upper
128 100
64 52.5 41.3 61.9
130 28.7 24.6 37.0





#13

2-Methylphenol

Concen: 20.459 ng/ul

RT: 8.813 min Scan# 898

Delta R.T. -0.003 min

Lab File: BG057255.D

Acq: 1 May 2023 18:27

Instrument :

BNA_G

ClientSampleId :

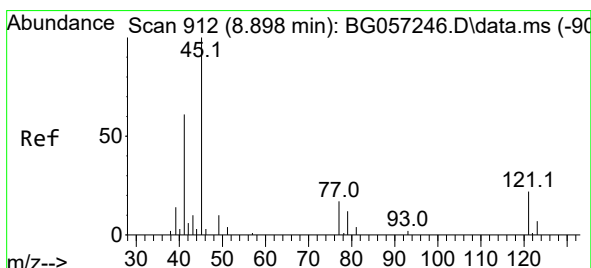
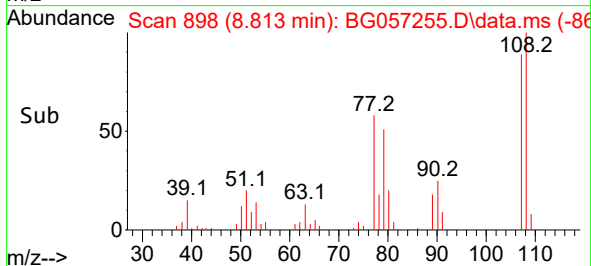
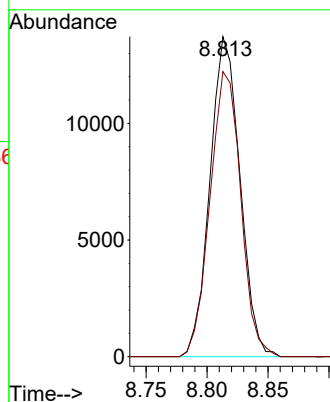
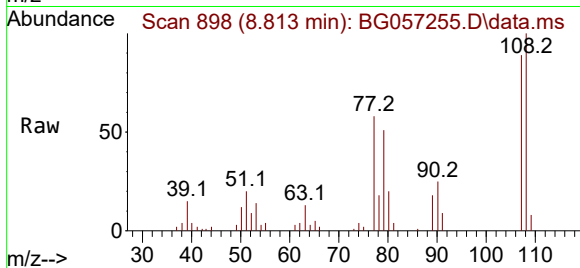
SSTD020469

Tgt Ion:108 Resp: 23488

Ion Ratio Lower Upper

108 100

107 89.1 80.0 120.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 19.809 ng/ul

RT: 8.895 min Scan# 912

Delta R.T. -0.003 min

Lab File: BG057255.D

Acq: 1 May 2023 18:27

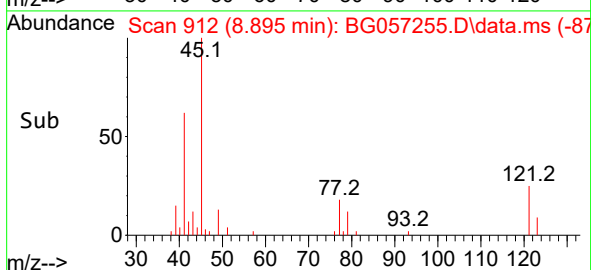
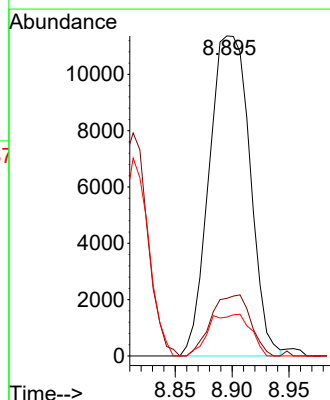
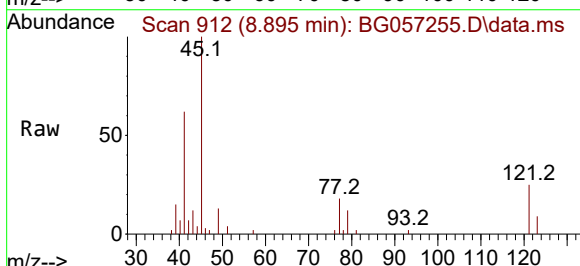
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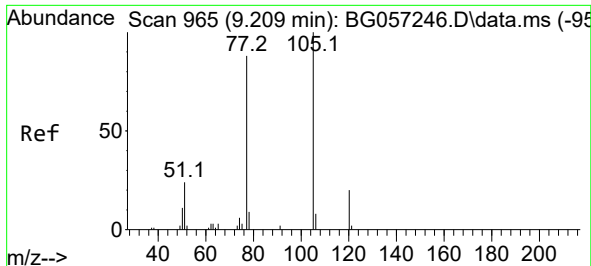
Ion Ratio Lower Upper

45 100

77 18.0 12.9 19.3

79 12.2 8.9 13.3

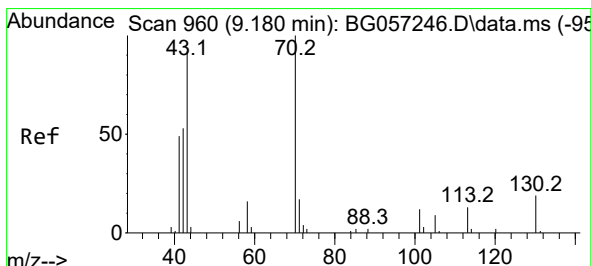
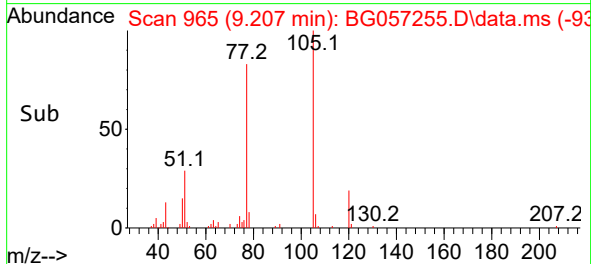
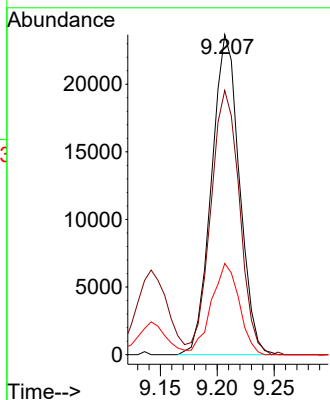
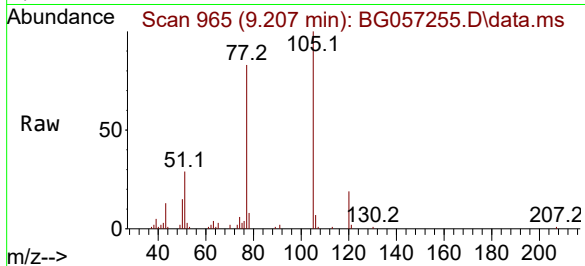




#16
Acetophenone
Concen: 20.976 ng/ul
RT: 9.207 min Scan# 90
Delta R.T. -0.003 min
Lab File: BG057255.D
Acq: 1 May 2023 18:27

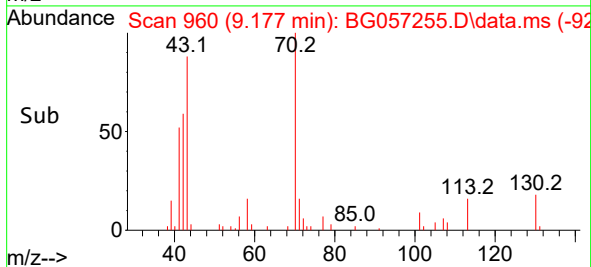
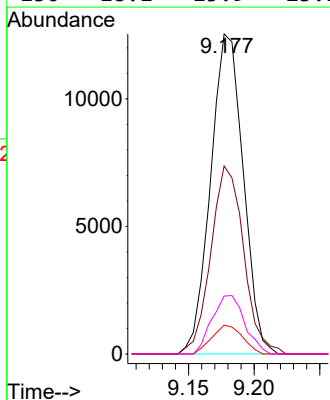
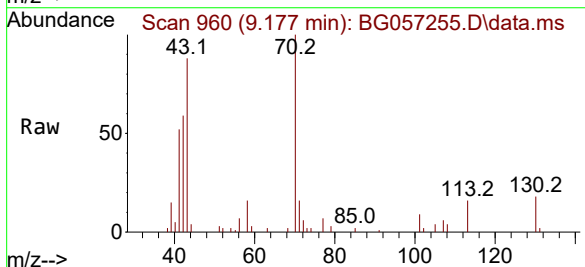
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ClientSampleId :
SSTD020469

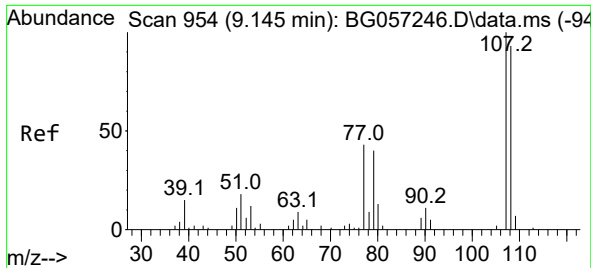
Tgt Ion:105 Resp: 40320
Ion Ratio Lower Upper
105 100
77 82.6 70.6 105.8
51 28.5 24.5 36.7



#17
N-Nitroso-di-n-propylamine
Concen: 19.627 ng/ul
RT: 9.177 min Scan# 960
Delta R.T. -0.003 min
Lab File: BG057255.D
Acq: 1 May 2023 18:27

Tgt Ion: 70 Resp: 21679
Ion Ratio Lower Upper
70 100
42 58.8 45.0 67.4
101 9.0 6.5 9.7
130 18.1 15.9 23.9

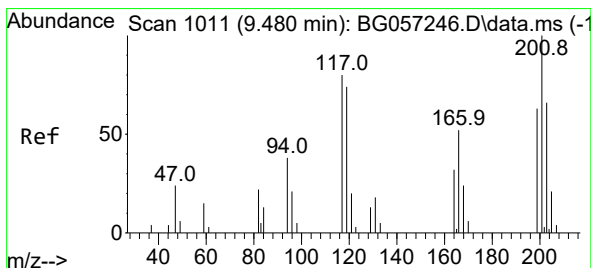
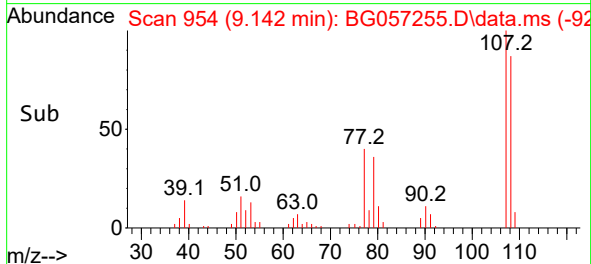
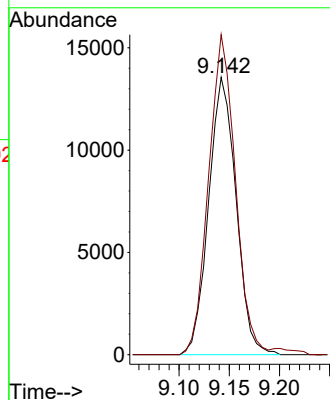
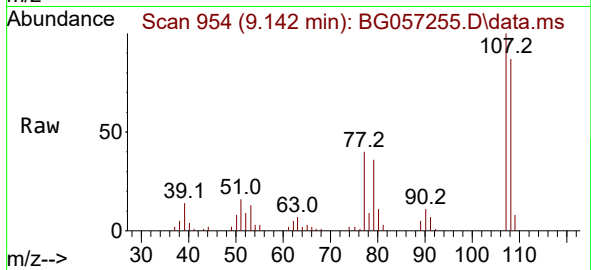




#18
4-Methylphenol
Concen: 20.751 ng/ul
RT: 9.142 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG057255.D
Acq: 1 May 2023 18:27

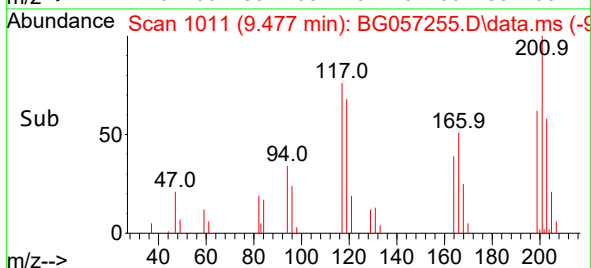
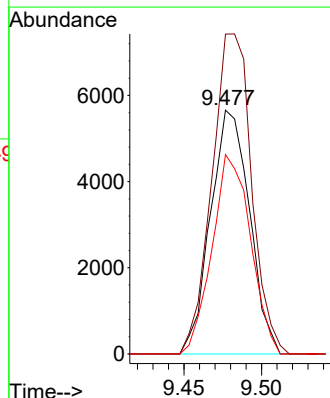
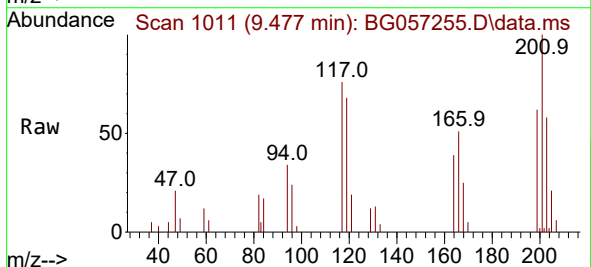
Instrument :
BNA_G
ClientSampleId :
SSTD020469

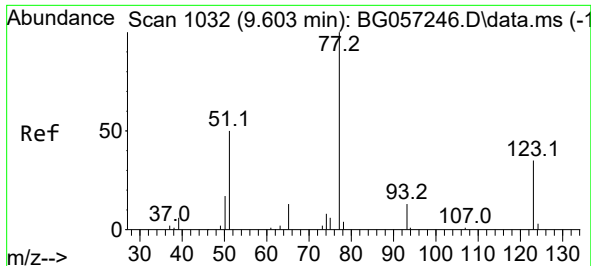
Tgt Ion:108 Resp: 25786
Ion Ratio Lower Upper
108 100
107 115.4 85.1 127.7



#19
Hexachloroethane
Concen: 23.214 ng/ul
RT: 9.477 min Scan# 1011
Delta R.T. -0.003 min
Lab File: BG057255.D
Acq: 1 May 2023 18:27

Tgt Ion:117 Resp: 9881
Ion Ratio Lower Upper
117 100
201 131.2 109.4 164.2
199 81.8 65.4 98.2

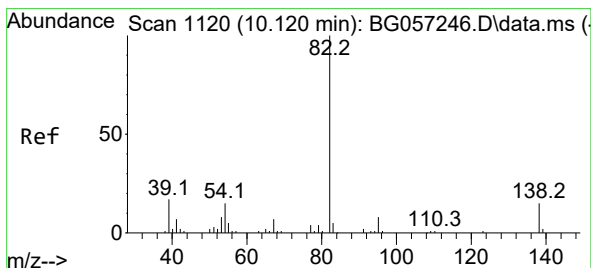
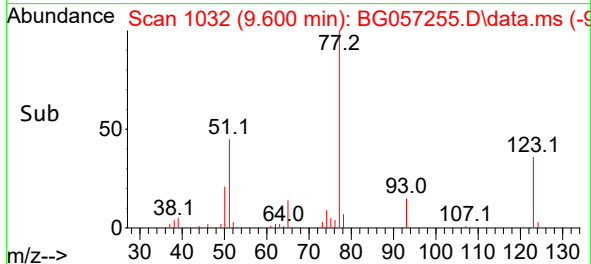
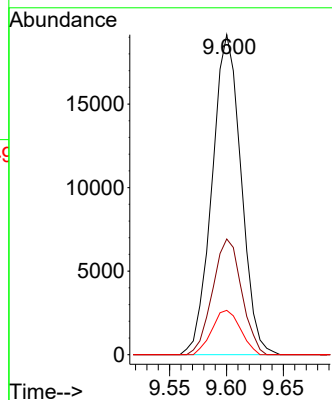
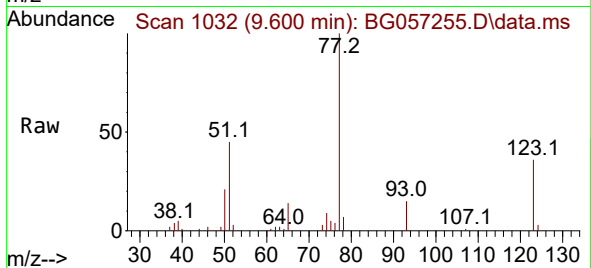




#22
Nitrobenzene
Concen: 21.837 ng/ul
RT: 9.600 min Scan# 110
Delta R.T. -0.003 min
Lab File: BG057255.D
Acq: 1 May 2023 18:27

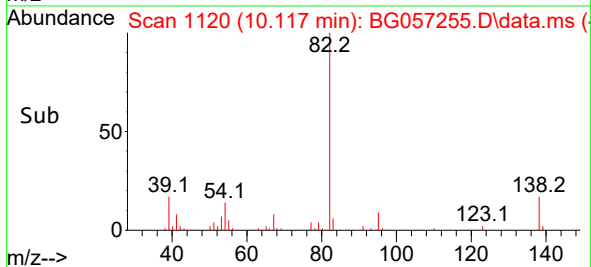
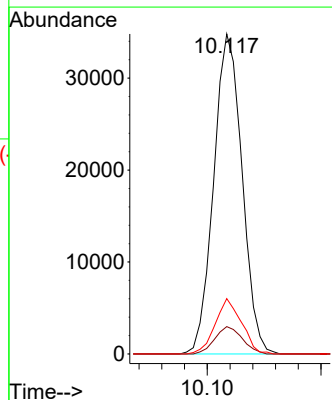
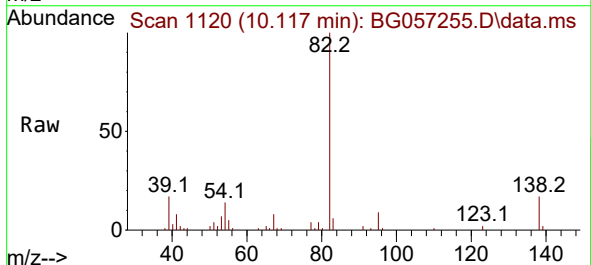
Instrument :
BNA_G
ClientSampleId :
SSTD020469

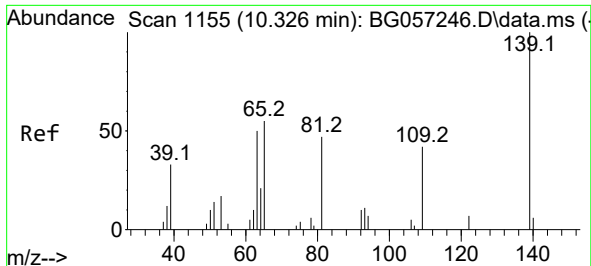
Tgt Ion: 77 Resp: 34048
Ion Ratio Lower Upper
77 100
123 36.2 29.6 44.4
65 13.9 11.4 17.0



#23
Isophorone
Concen: 20.336 ng/ul
RT: 10.117 min Scan# 1120
Delta R.T. -0.003 min
Lab File: BG057255.D
Acq: 1 May 2023 18:27

Tgt Ion: 82 Resp: 60325
Ion Ratio Lower Upper
82 100
95 8.6 6.8 10.2
138 17.3 12.2 18.2

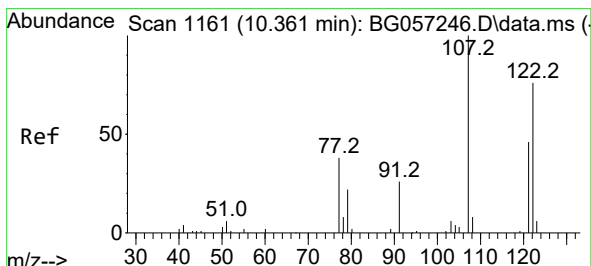
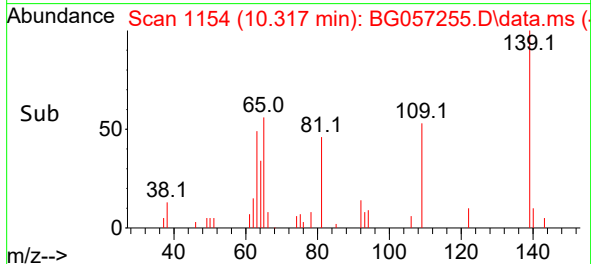
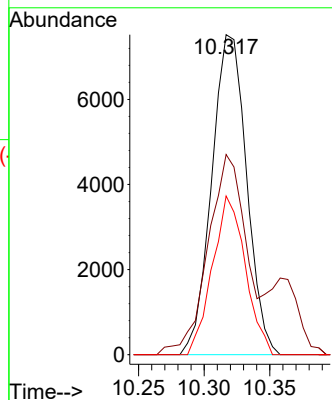
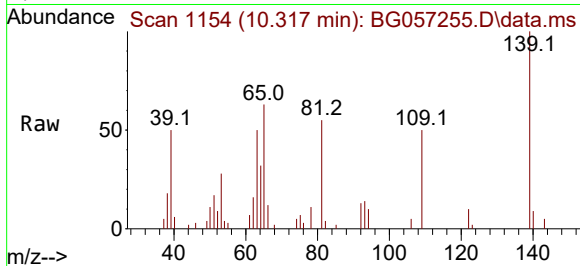




#25
2-Nitrophenol
Concen: 22.487 ng/ul
RT: 10.317 min Scan# 1154
Delta R.T. -0.009 min
Lab File: BG057255.D
Acq: 1 May 2023 18:27

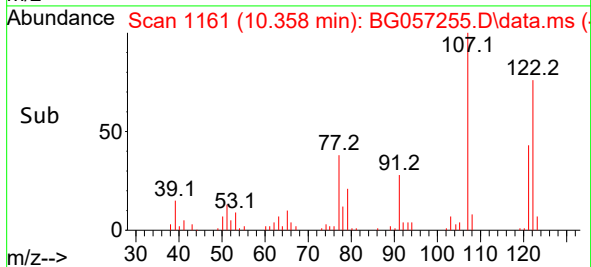
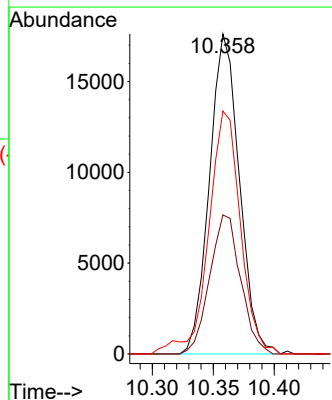
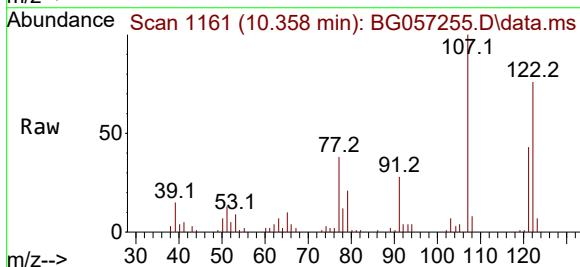
Instrument :
BNA_G
ClientSampleId :
SSTD020469

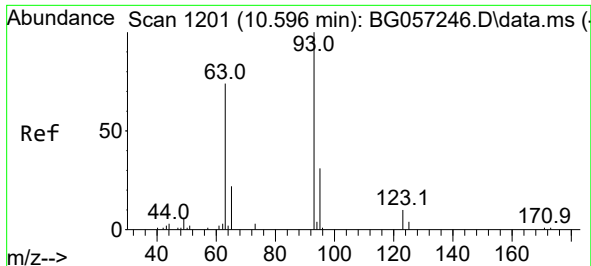
Tgt Ion:139 Resp: 13918
Ion Ratio Lower Upper
139 100
65 62.5 48.7 73.1
109 49.6 35.2 52.8



#26
2,4-Dimethylphenol
Concen: 21.399 ng/ul
RT: 10.358 min Scan# 1161
Delta R.T. -0.003 min
Lab File: BG057255.D
Acq: 1 May 2023 18:27

Tgt Ion:107 Resp: 30045
Ion Ratio Lower Upper
107 100
121 43.5 35.4 53.0
122 75.9 57.0 85.4





#27

Bis(2-Chloroethoxy)methane

Concen: 20.186 ng/ul

RT: 10.593 min Scan# 1201

Delta R.T. -0.003 min

Lab File: BG057255.D

Acq: 1 May 2023 18:27

Instrument :

BNA_G

ClientSampleId :

SSTD020469

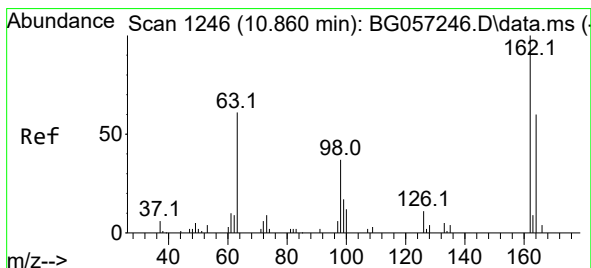
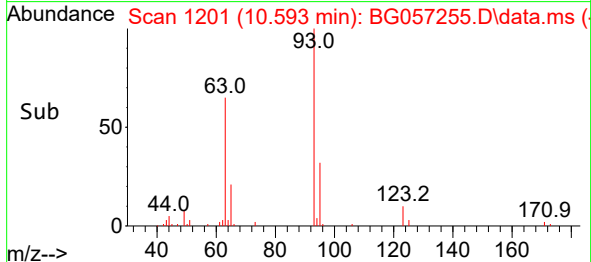
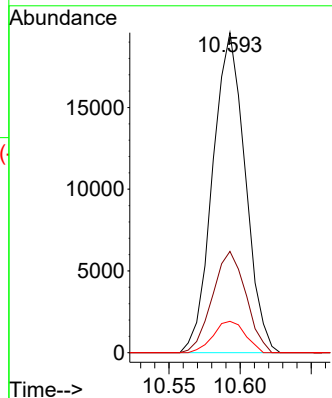
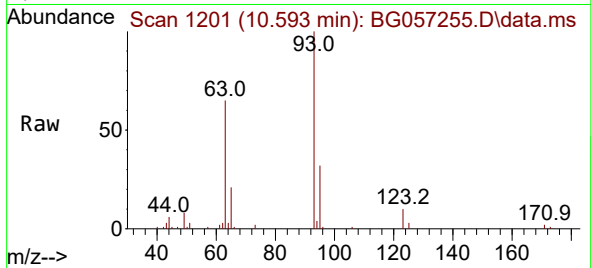
Tgt Ion: 93 Resp: 31128

Ion Ratio Lower Upper

93 100

95 31.7 24.8 37.2

123 9.8 8.1 12.1



#29

2,4-Dichlorophenol

Concen: 22.873 ng/ul

RT: 10.857 min Scan# 1246

Delta R.T. -0.003 min

Lab File: BG057255.D

Acq: 1 May 2023 18:27

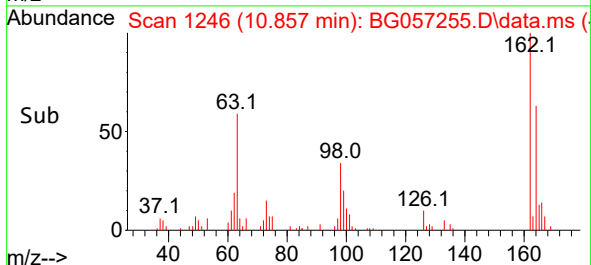
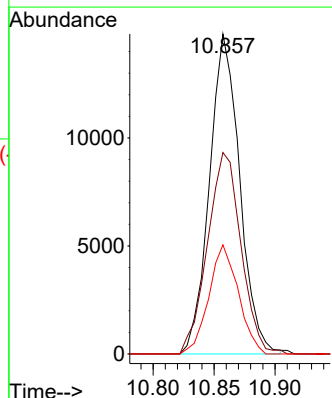
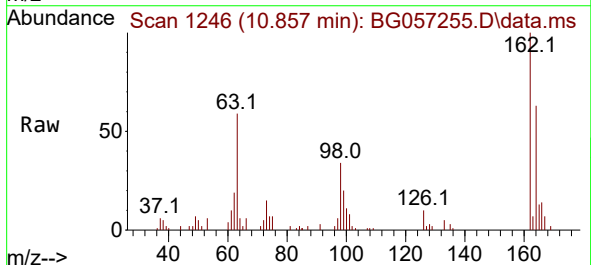
Tgt Ion:162 Resp: 25595

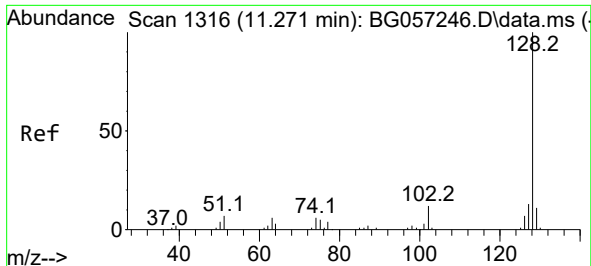
Ion Ratio Lower Upper

162 100

164 62.9 50.5 75.7

98 34.1 27.5 41.3

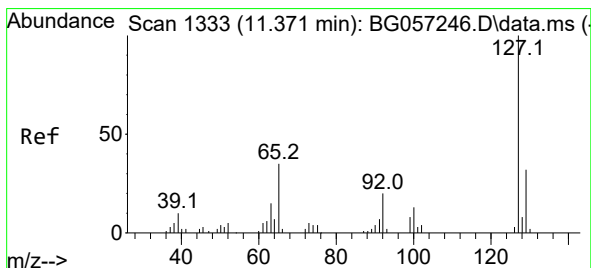
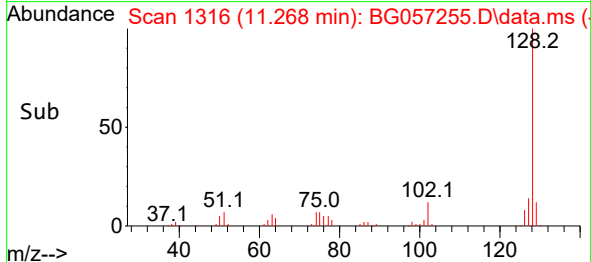
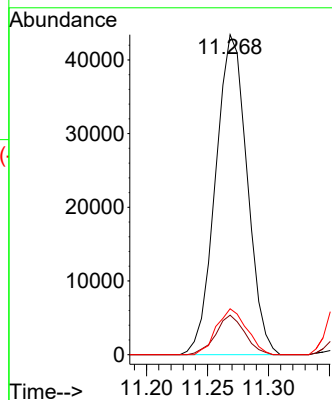
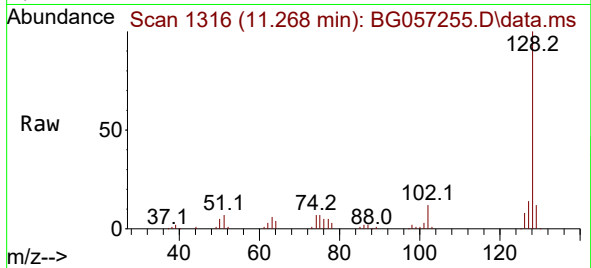




#30
Naphthalene
Concen: 21.701 ng/ul
RT: 11.268 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057255.D
Acq: 1 May 2023 18:27

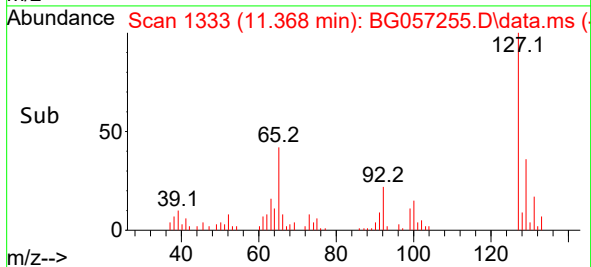
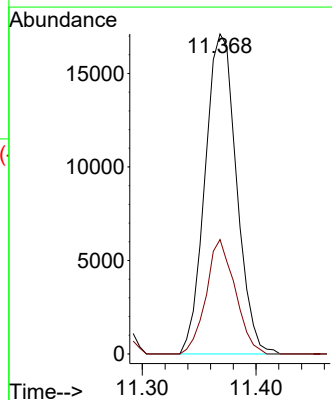
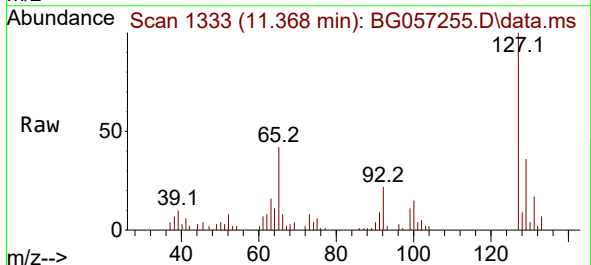
Instrument :
BNA_G
ClientSampleId :
SSTD020469

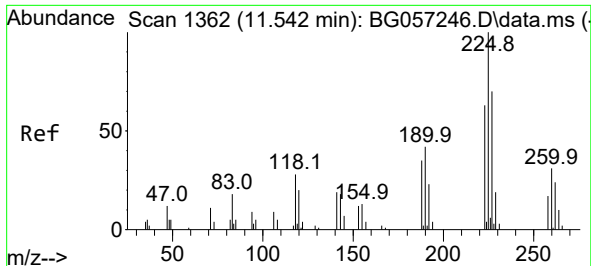
Tgt Ion:128 Resp: 78342
Ion Ratio Lower Upper
128 100
129 12.3 8.5 12.7
127 14.3 11.4 17.0



#32
4-Chloroaniline
Concen: 20.214 ng/ul
RT: 11.368 min Scan# 1333
Delta R.T. -0.003 min
Lab File: BG057255.D
Acq: 1 May 2023 18:27

Tgt Ion:127 Resp: 32910
Ion Ratio Lower Upper
127 100
129 35.7 25.4 38.0

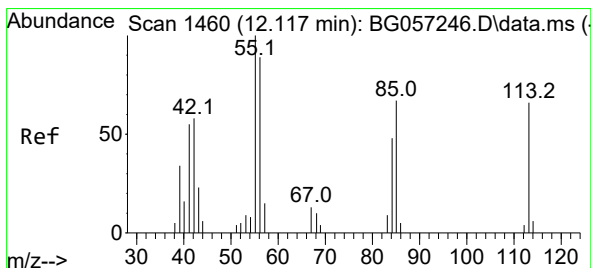
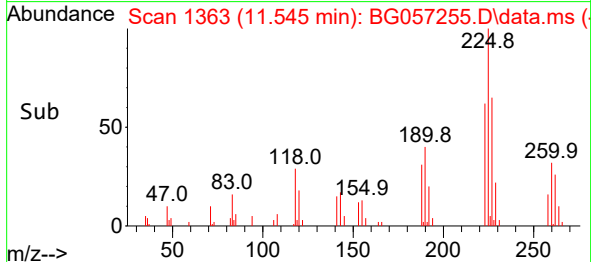
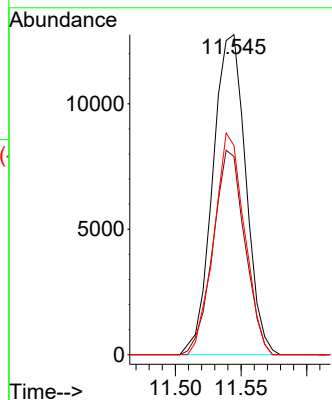
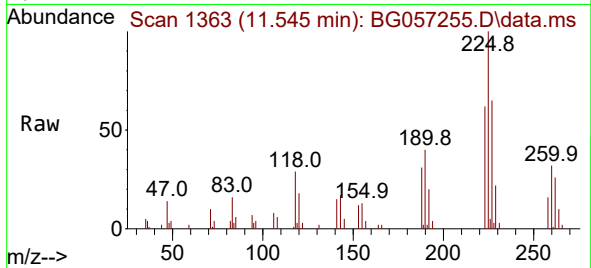




#33
Hexachlorobutadiene
Concen: 23.490 ng/ul
RT: 11.545 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG057255.D
Acq: 1 May 2023 18:27

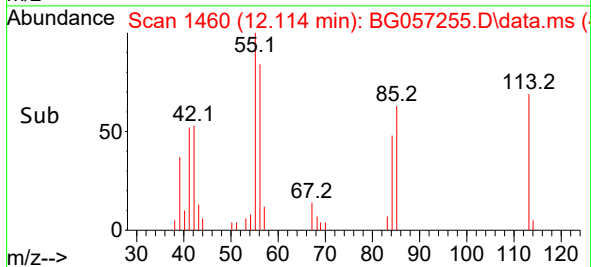
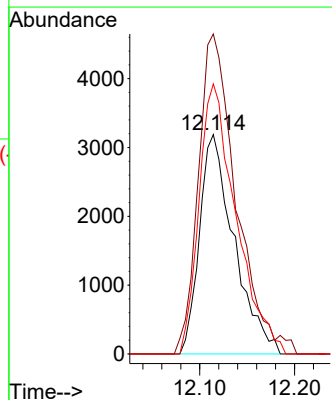
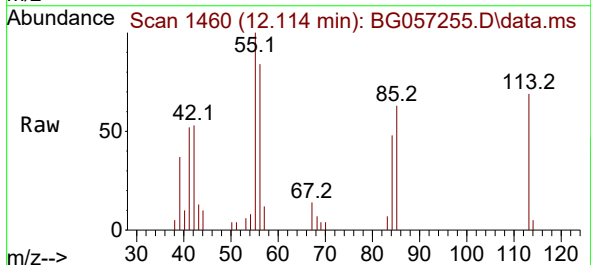
Instrument :
BNA_G
ClientSampleId :
SSTD020469

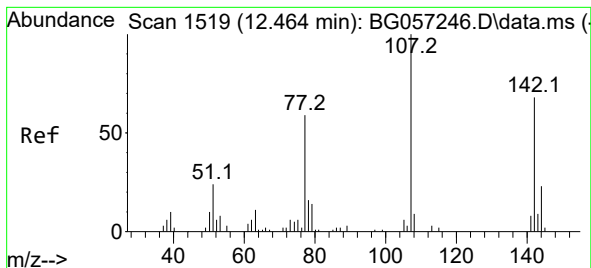
Tgt Ion:225 Resp: 22295
Ion Ratio Lower Upper
225 100
223 61.9 47.5 71.3
227 65.4 48.4 72.6



#34
Caprolactam
Concen: 21.393 ng/ul
RT: 12.114 min Scan# 1460
Delta R.T. -0.003 min
Lab File: BG057255.D
Acq: 1 May 2023 18:27

Tgt Ion:113 Resp: 8059
Ion Ratio Lower Upper
113 100
55 145.9 123.1 184.7
56 123.2 98.7 148.1

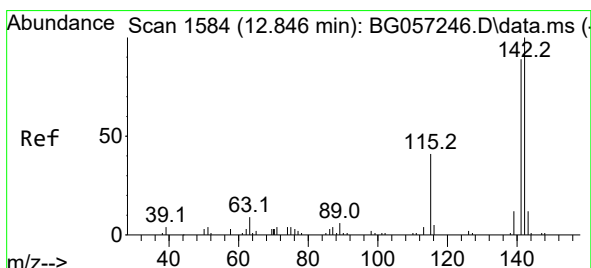
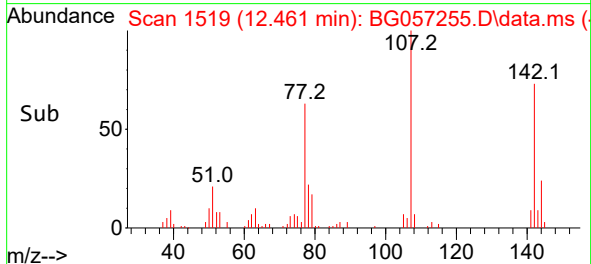
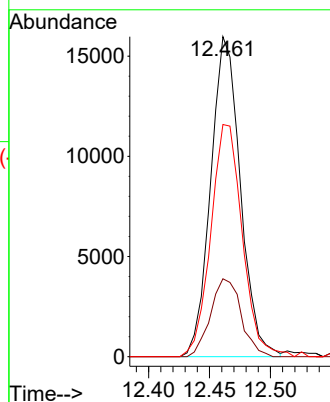
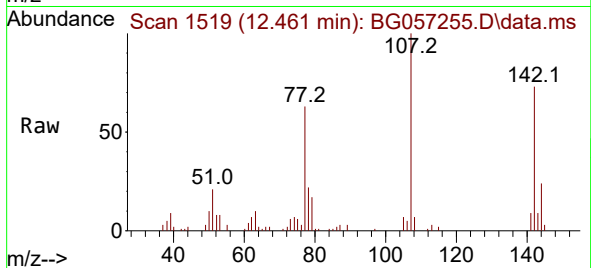




#35
4-Chloro-3-methylphenol
Concen: 21.011 ng/ul
RT: 12.461 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057255.D
Acq: 1 May 2023 18:27

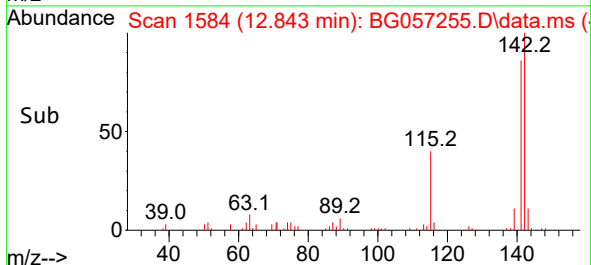
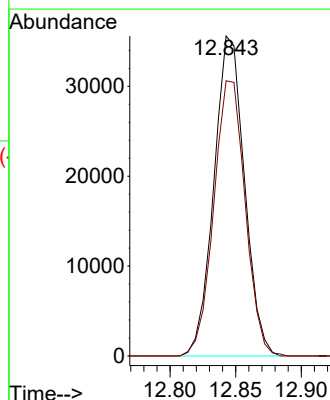
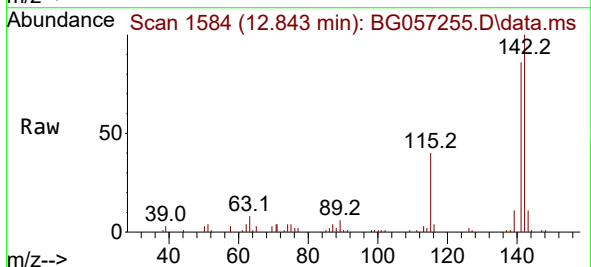
Instrument :
BNA_G
ClientSampleId :
SSTD020469

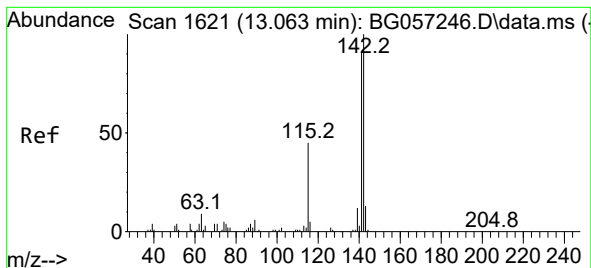
Tgt Ion:107 Resp: 27052
Ion Ratio Lower Upper
107 100
144 24.4 18.3 27.5
142 72.5 58.6 88.0



#36
2-Methylnaphthalene
Concen: 21.780 ng/ul
RT: 12.843 min Scan# 1584
Delta R.T. -0.003 min
Lab File: BG057255.D
Acq: 1 May 2023 18:27

Tgt Ion:142 Resp: 57660
Ion Ratio Lower Upper
142 100
141 86.0 68.7 103.1





#37

1-Methylnaphthalene

Concen: 21.639 ng/ul

RT: 13.060 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG057255.D

Acq: 1 May 2023 18:27

Instrument :

BNA_G

ClientSampleId :

SSTD020469

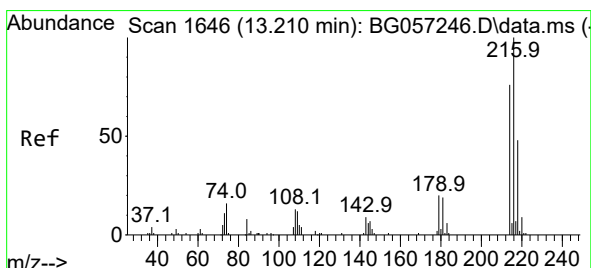
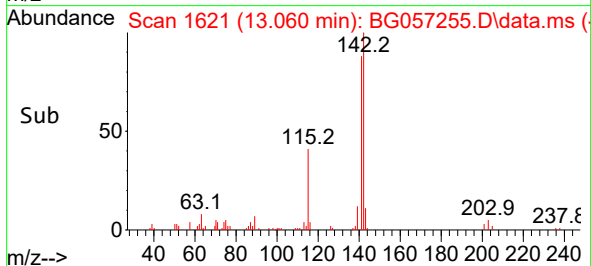
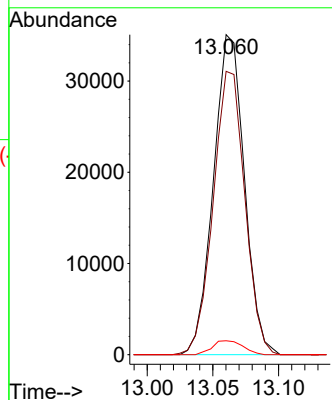
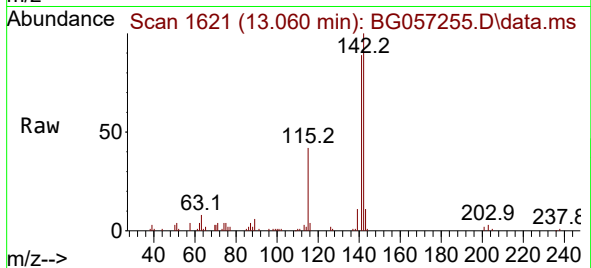
Tgt Ion:142 Resp: 57603

Ion Ratio Lower Upper

142 100

141 88.6 72.9 109.3

116 4.4 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 23.419 ng/ul

RT: 13.207 min Scan# 1646

Delta R.T. -0.003 min

Lab File: BG057255.D

Acq: 1 May 2023 18:27

Tgt Ion:216 Resp: 41289

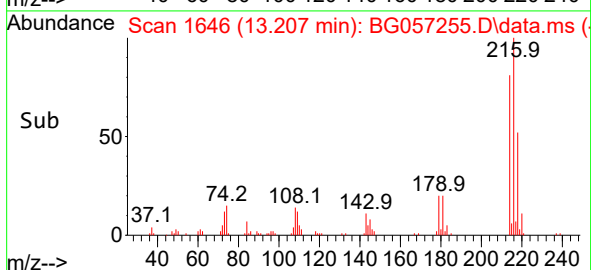
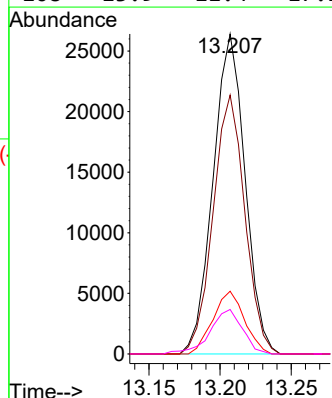
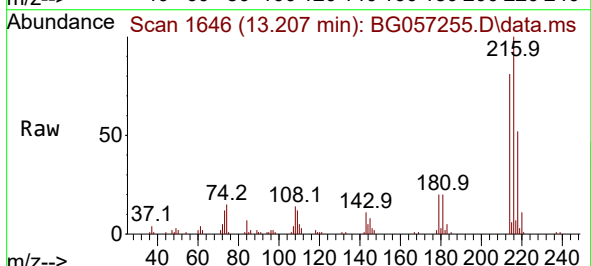
Ion Ratio Lower Upper

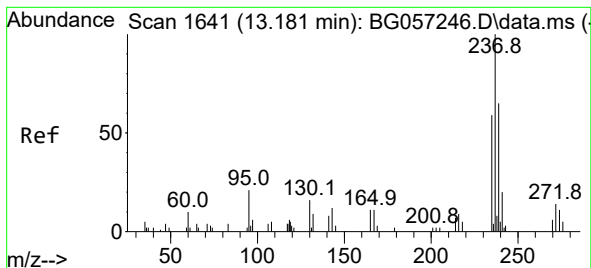
216 100

214 80.9 62.9 94.3

179 19.6 15.3 22.9

108 13.9 11.4 17.2





#40

Hexachlorocyclopentadiene

Concen: 19.356 ng/ul

RT: 13.178 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG057255.D

Acq: 1 May 2023 18:27

Instrument :

BNA_G

ClientSampleId :

SSTD020469

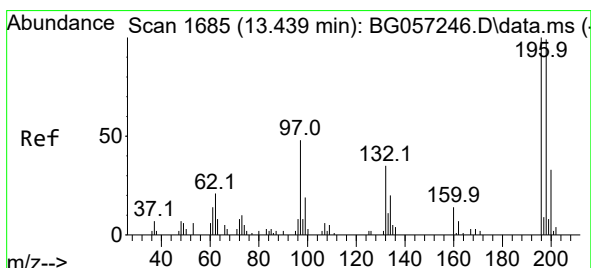
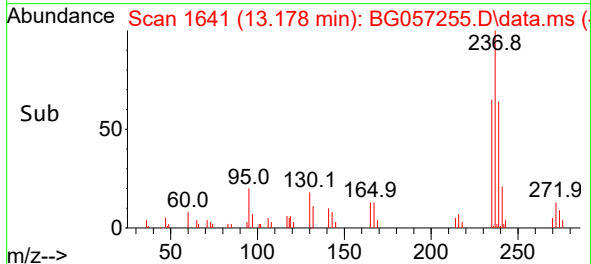
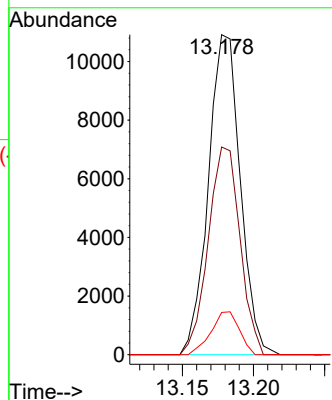
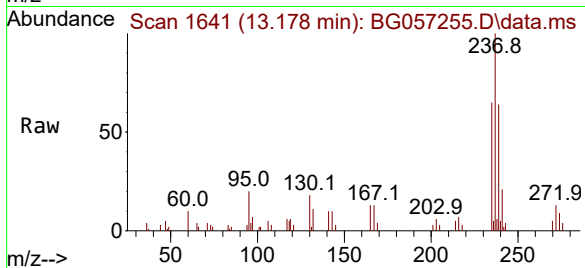
Tgt Ion:237 Resp: 17030

Ion Ratio Lower Upper

237 100

235 64.9 51.4 77.0

272 13.2 9.4 14.2



#41

2,4,6-Trichlorophenol

Concen: 23.381 ng/ul

RT: 13.436 min Scan# 1685

Delta R.T. -0.003 min

Lab File: BG057255.D

Acq: 1 May 2023 18:27

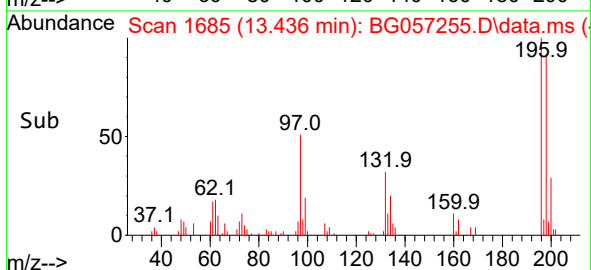
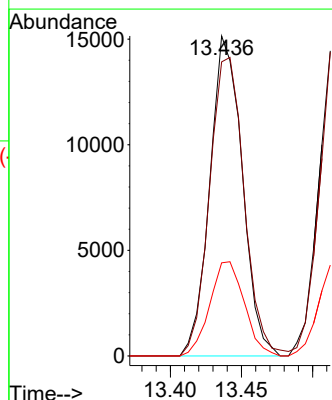
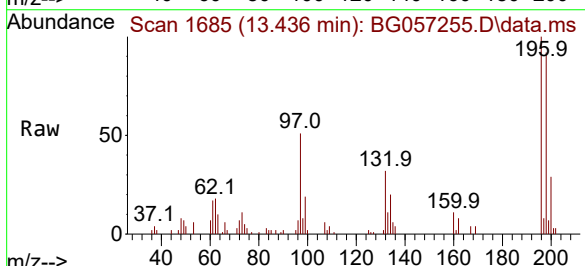
Tgt Ion:196 Resp: 24008

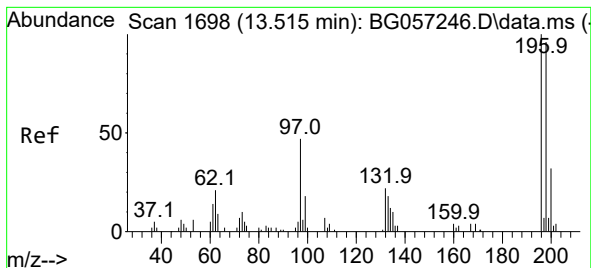
Ion Ratio Lower Upper

196 100

198 91.9 83.8 125.8

200 29.1 26.6 40.0





#42

2,4,5-Trichlorophenol

Concen: 23.804 ng/ul

RT: 13.518 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG057255.D

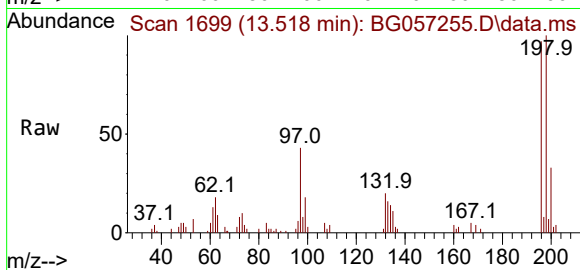
Acq: 1 May 2023 18:27

Instrument :

BNA_G

ClientSampleId :

SSTD020469



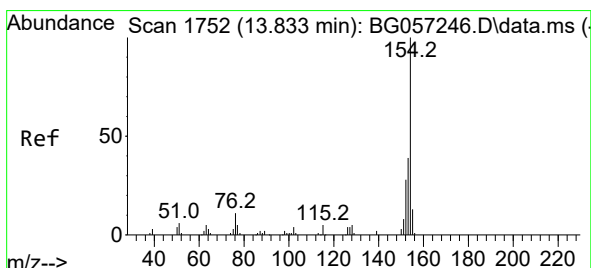
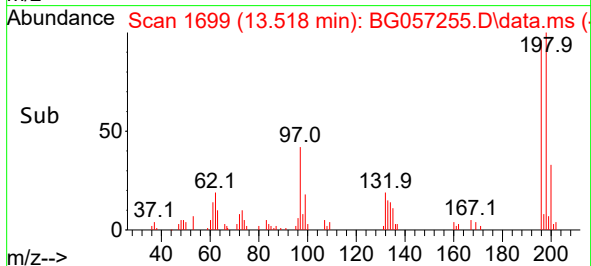
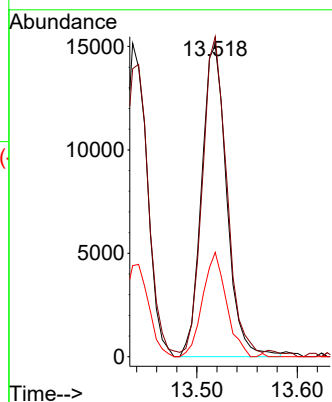
Tgt Ion:196 Resp: 26243

Ion Ratio Lower Upper

196 100

198 102.8 85.7 128.5

200 33.5 29.9 44.9



#43

1,1'-Biphenyl

Concen: 22.205 ng/ul

RT: 13.830 min Scan# 1752

Delta R.T. -0.003 min

Lab File: BG057255.D

Acq: 1 May 2023 18:27

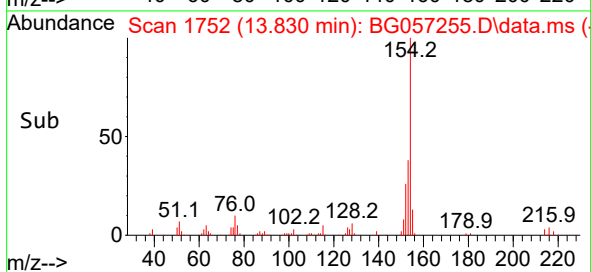
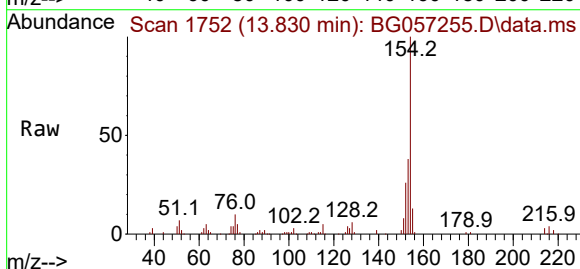
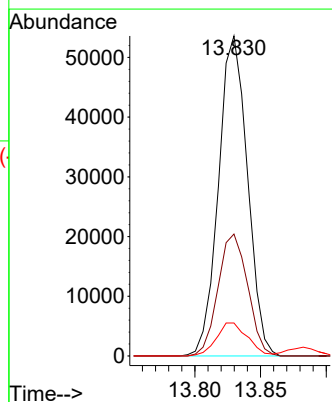
Tgt Ion:154 Resp: 82202

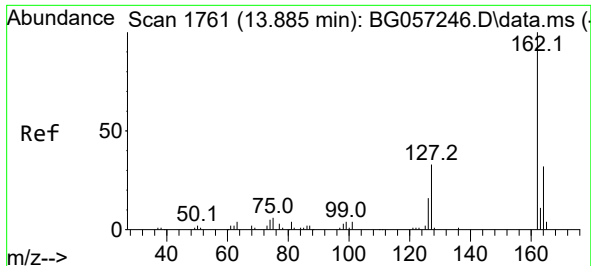
Ion Ratio Lower Upper

154 100

153 38.1 31.6 47.4

76 10.3 8.0 12.0

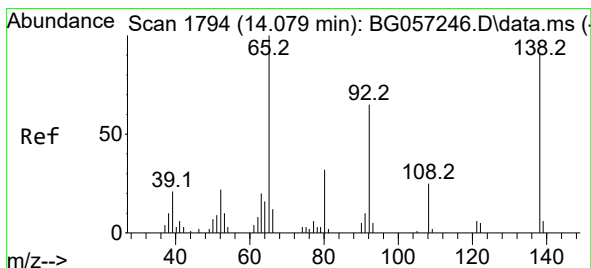
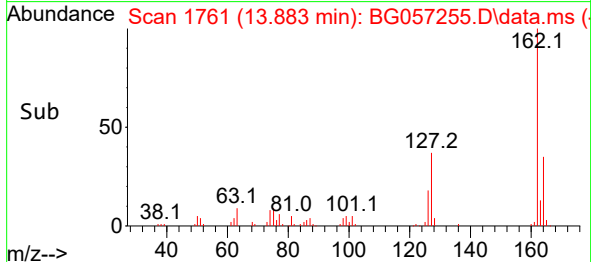
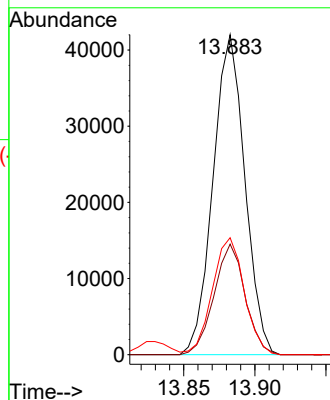
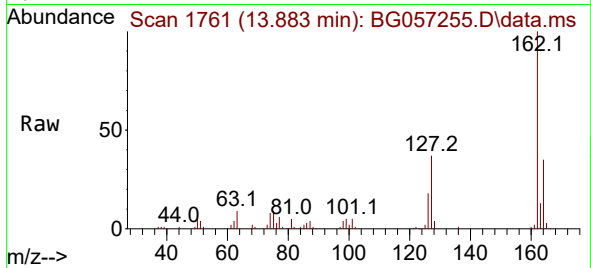




#44
2-Chloronaphthalene
Concen: 22.750 ng/ul
RT: 13.883 min Scan# 1761
Delta R.T. -0.003 min
Lab File: BG057255.D
Acq: 1 May 2023 18:27

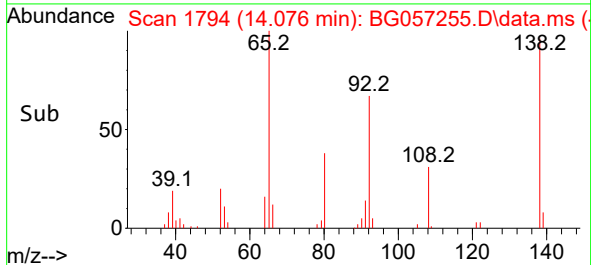
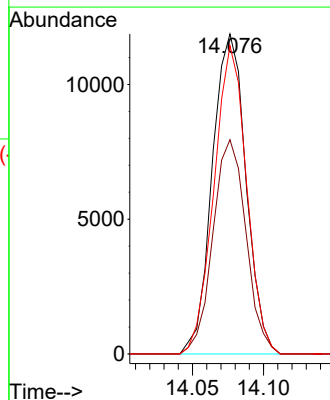
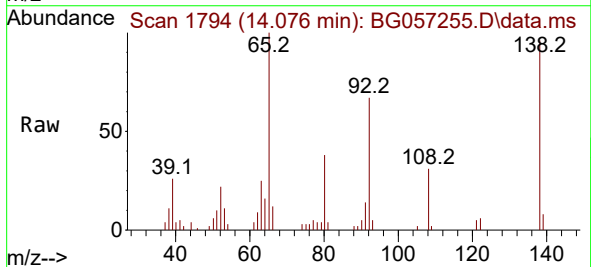
Instrument :
BNA_G
ClientSampleId :
SSTD020469

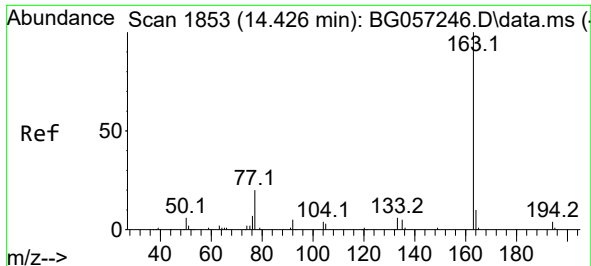
Tgt Ion:162 Resp: 65301
Ion Ratio Lower Upper
162 100
164 34.6 26.2 39.4
127 36.5 29.4 44.2



#45
2-Nitroaniline
Concen: 22.552 ng/ul
RT: 14.076 min Scan# 1794
Delta R.T. -0.003 min
Lab File: BG057255.D
Acq: 1 May 2023 18:27

Tgt Ion: 65 Resp: 19542
Ion Ratio Lower Upper
65 100
92 67.0 51.8 77.6
138 96.3 71.9 107.9

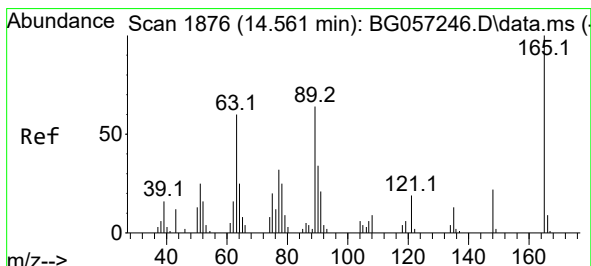
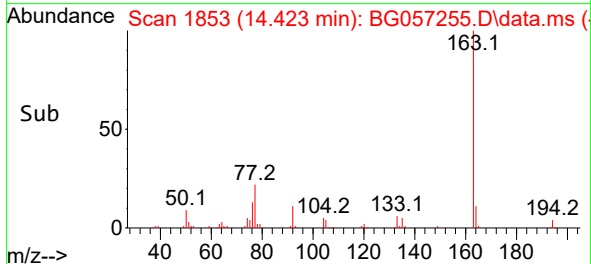
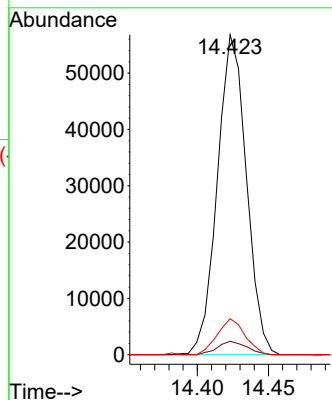
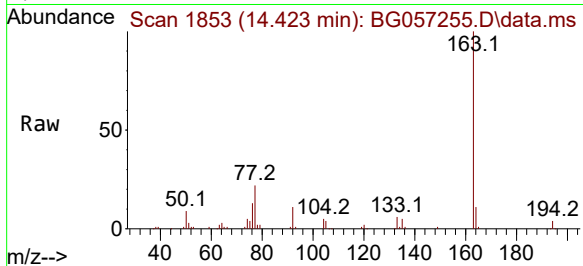




#47
Dimethylphthalate
Concen: 20.892 ng/ul
RT: 14.423 min Scan# 1853
Delta R.T. -0.003 min
Lab File: BG057255.D
Acq: 1 May 2023 18:27

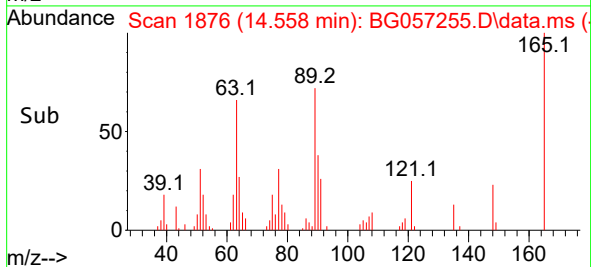
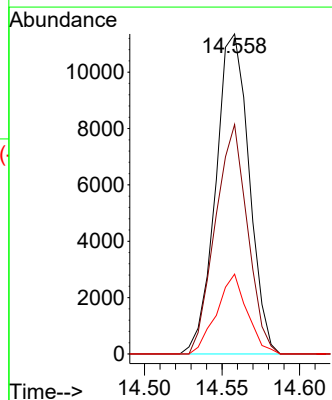
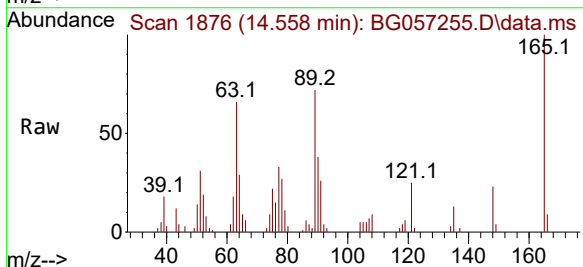
Instrument :
BNA_G
ClientSampleId :
SSTD020469

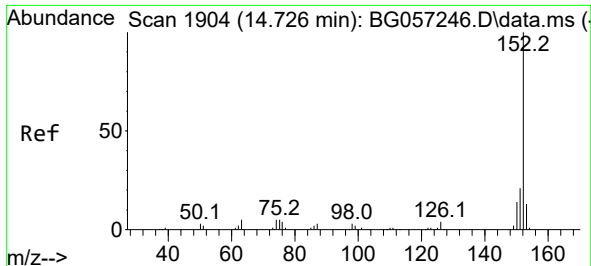
Tgt Ion:163 Resp: 80651
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 11.3 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 21.406 ng/ul
RT: 14.558 min Scan# 1876
Delta R.T. -0.003 min
Lab File: BG057255.D
Acq: 1 May 2023 18:27

Tgt Ion:165 Resp: 17006
Ion Ratio Lower Upper
165 100
89 71.7 50.6 76.0
121 25.0 16.8 25.2

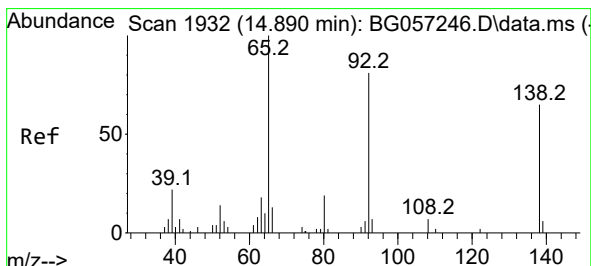
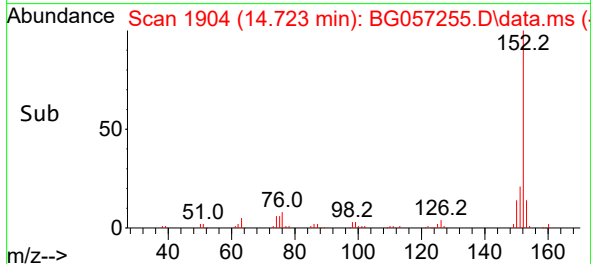
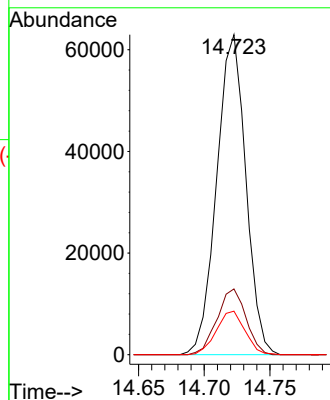
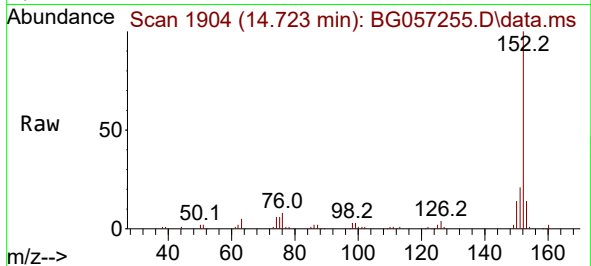




#50
Acenaphthylene
Concen: 22.111 ng/ul
RT: 14.723 min Scan# 1904
Delta R.T. -0.003 min
Lab File: BG057255.D
Acq: 1 May 2023 18:27

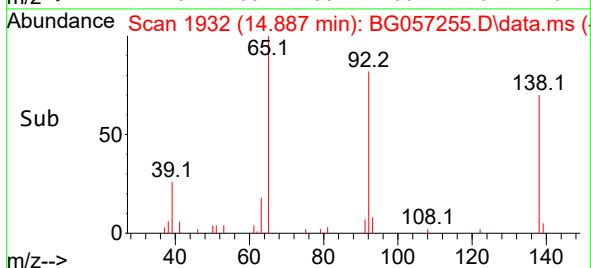
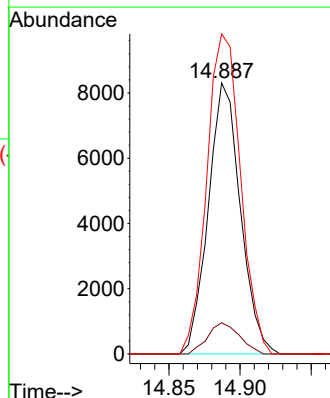
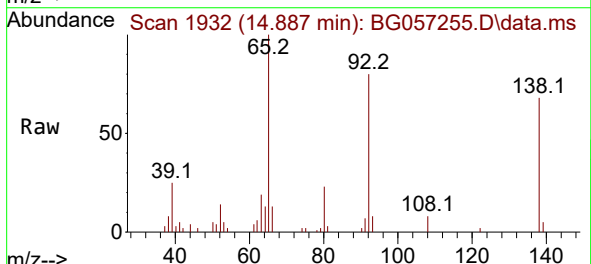
Instrument :
BNA_G
ClientSampleId :
SSTD020469

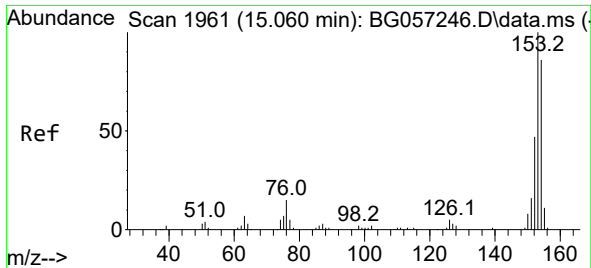
Tgt Ion:152 Resp: 97082
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.6 10.1 15.1



#51
3-Nitroaniline
Concen: 23.170 ng/ul
RT: 14.887 min Scan# 1932
Delta R.T. -0.003 min
Lab File: BG057255.D
Acq: 1 May 2023 18:27

Tgt Ion:138 Resp: 13043
Ion Ratio Lower Upper
138 100
108 11.5 9.2 13.8
92 118.0 99.5 149.3

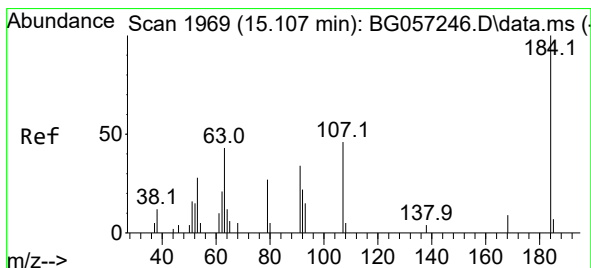
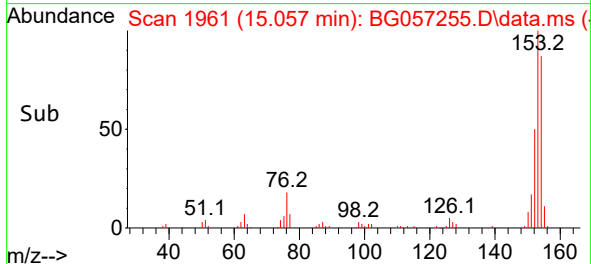
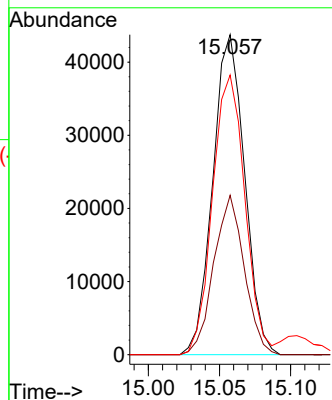
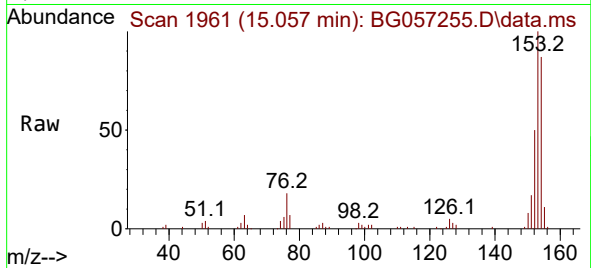




#52
Acenaphthene
Concen: 21.768 ng/ul
RT: 15.057 min Scan# 1961
Delta R.T. -0.003 min
Lab File: BG057255.D
Acq: 1 May 2023 18:27

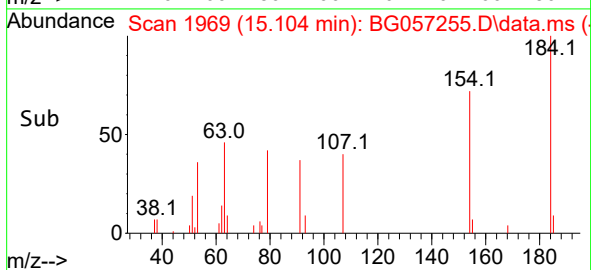
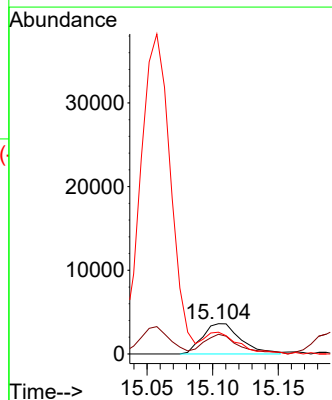
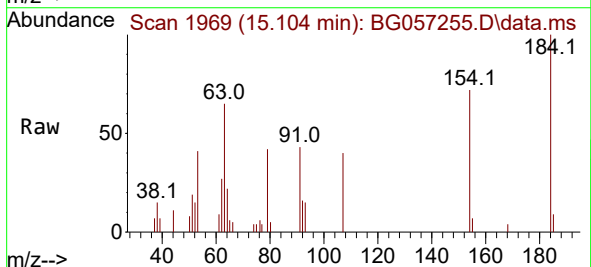
Instrument :
BNA_G
ClientSampleId :
SSTD020469

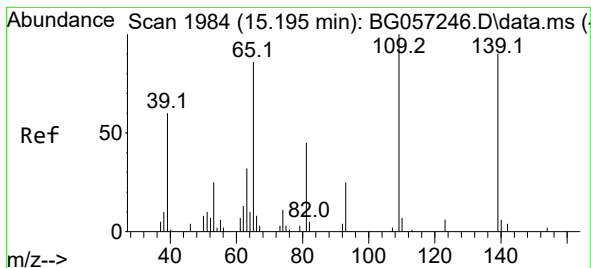
Tgt Ion:153 Resp: 68097
Ion Ratio Lower Upper
153 100
152 49.8 36.5 54.7
154 87.4 70.6 106.0



#53
2,4-Dinitrophenol
Concen: 17.318 ng/ul
RT: 15.104 min Scan# 1969
Delta R.T. -0.003 min
Lab File: BG057255.D
Acq: 1 May 2023 18:27

Tgt Ion:184 Resp: 7327
Ion Ratio Lower Upper
184 100
63 64.9 48.3 72.5
154 71.7 50.0 75.0

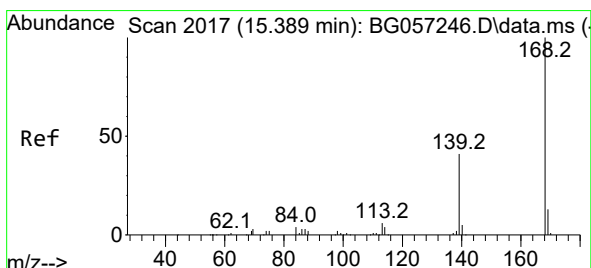
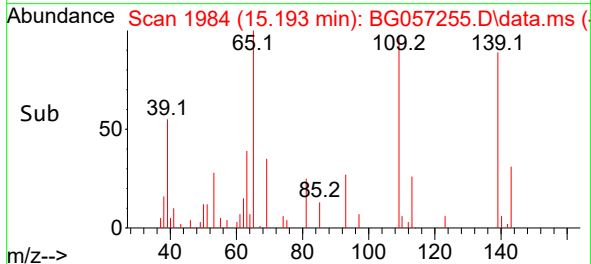
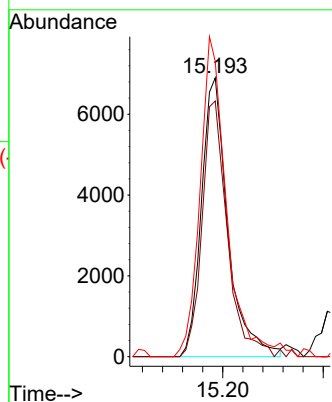
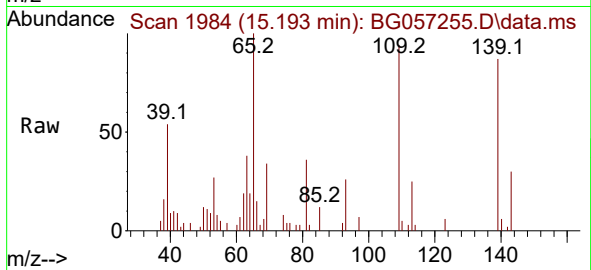




#55
4-Nitrophenol
Concen: 19.953 ng/ul
RT: 15.193 min Scan# 1984
Delta R.T. -0.003 min
Lab File: BG057255.D
Acq: 1 May 2023 18:27

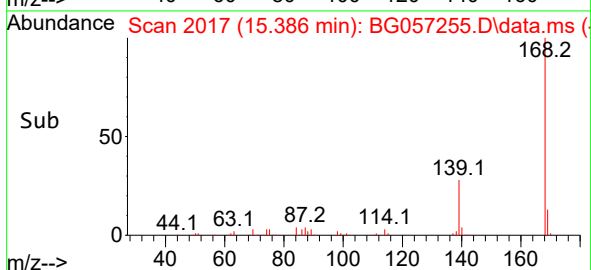
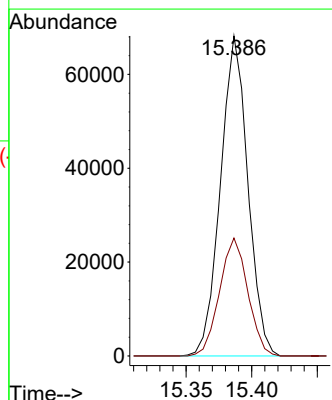
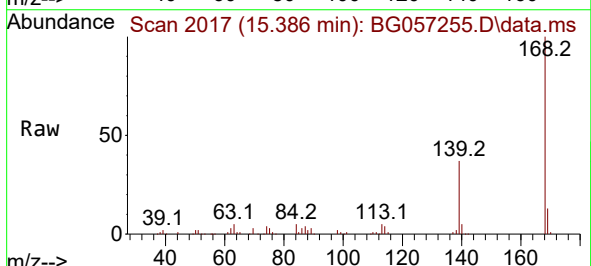
Instrument :
BNA_G
ClientSampleId :
SSTD020469

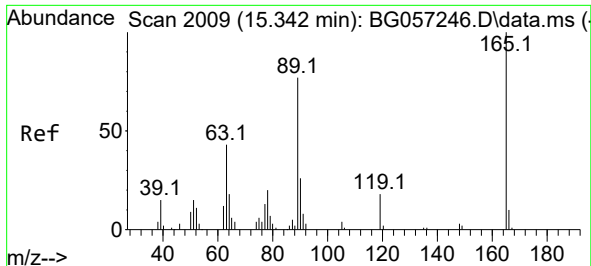
Tgt Ion:109 Resp: 12657
Ion Ratio Lower Upper
109 100
139 91.7 73.8 110.8
65 105.9 81.7 122.5



#56
Dibenzofuran
Concen: 21.877 ng/ul
RT: 15.386 min Scan# 2017
Delta R.T. -0.003 min
Lab File: BG057255.D
Acq: 1 May 2023 18:27

Tgt Ion:168 Resp: 98830
Ion Ratio Lower Upper
168 100
139 36.9 29.6 44.4





#57

2,4-Dinitrotoluene

Concen: 21.580 ng/ul

RT: 15.345 min Scan# 2009

Delta R.T. 0.003 min

Lab File: BG057255.D

Acq: 1 May 2023 18:27

Instrument :

BNA_G

ClientSampleId :

SSTD020469

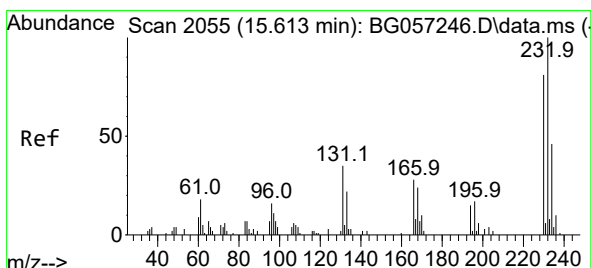
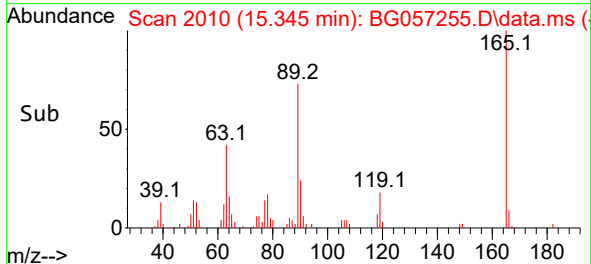
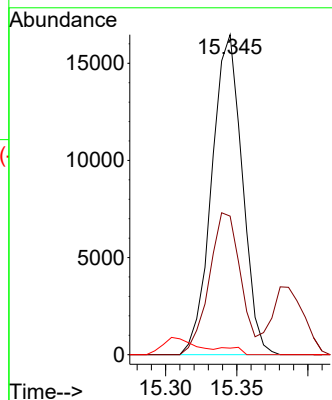
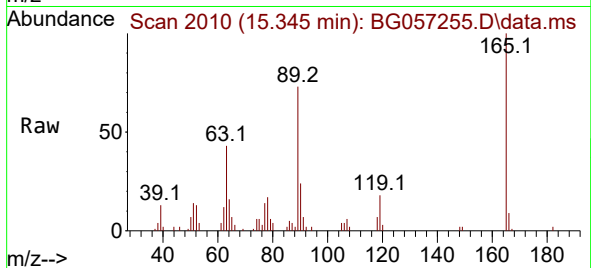
Tgt Ion:165 Resp: 24543

Ion Ratio Lower Upper

165 100

63 43.3 35.9 53.9

182 2.1 1.9 2.9



#58

2,3,4,6-Tetrachlorophenol

Concen: 22.659 ng/ul

RT: 15.610 min Scan# 2055

Delta R.T. -0.003 min

Lab File: BG057255.D

Acq: 1 May 2023 18:27

Tgt Ion:232 Resp: 22699

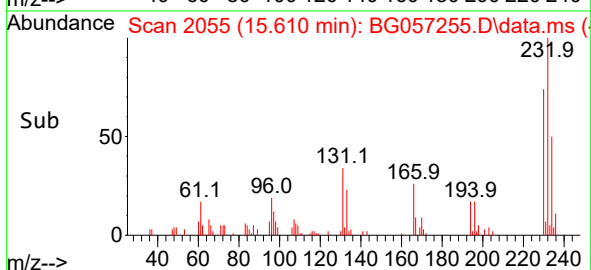
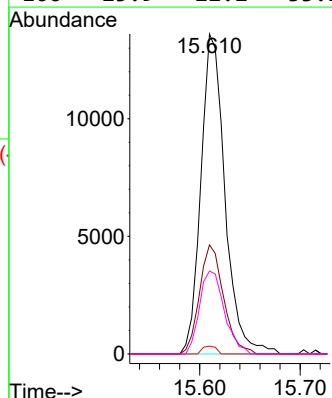
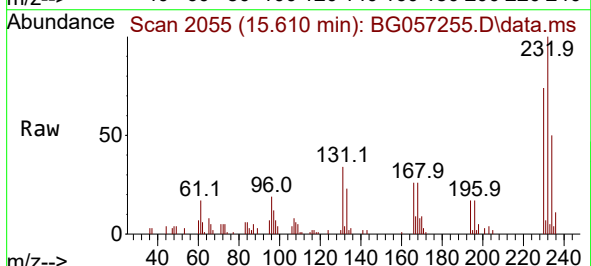
Ion Ratio Lower Upper

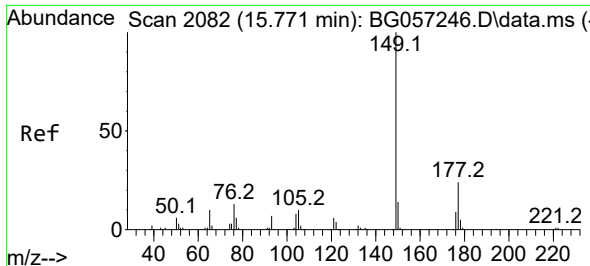
232 100

131 34.1 28.6 43.0

130 2.4 1.8 2.6

166 25.9 22.2 33.2

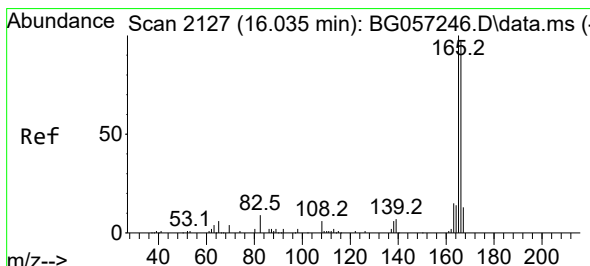
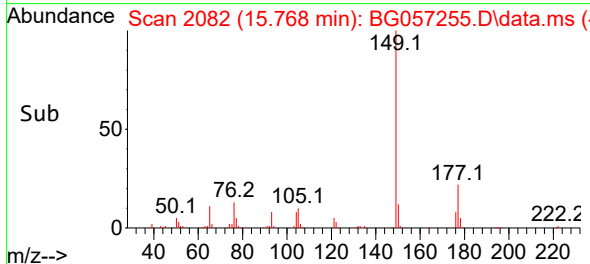
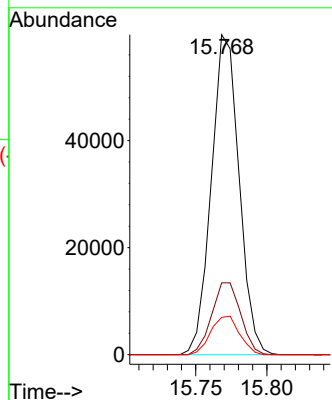
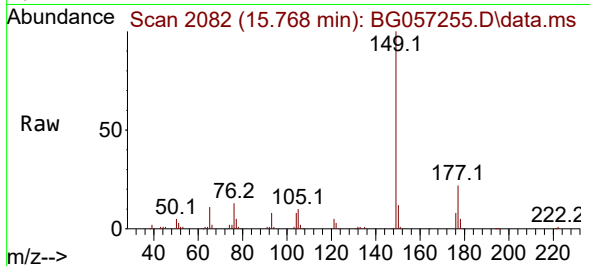




#59
Diethylphthalate
Concen: 20.724 ng/ul
RT: 15.768 min Scan# 2082
Delta R.T. -0.003 min
Lab File: BG057255.D
Acq: 1 May 2023 18:27

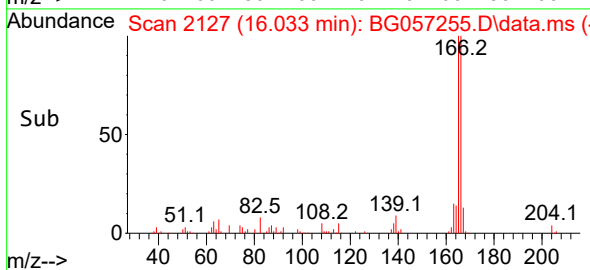
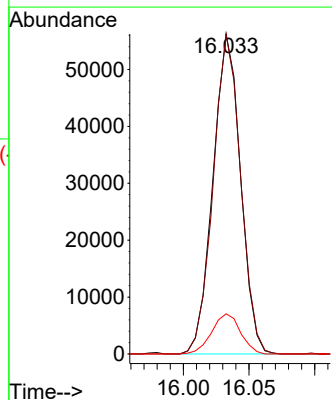
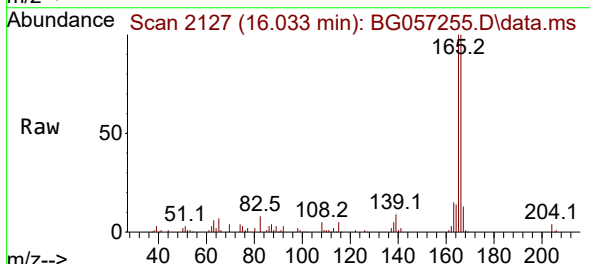
Instrument :
BNA_G
ClientSampleId :
SSTD020469

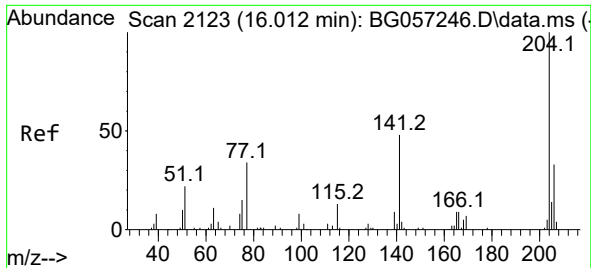
Tgt Ion:149 Resp: 81282
Ion Ratio Lower Upper
149 100
177 22.5 18.6 28.0
150 11.6 9.8 14.8



#61
Fluorene
Concen: 21.472 ng/ul
RT: 16.033 min Scan# 2127
Delta R.T. -0.003 min
Lab File: BG057255.D
Acq: 1 May 2023 18:27

Tgt Ion:166 Resp: 82021
Ion Ratio Lower Upper
166 100
165 99.8 80.1 120.1
167 12.5 10.2 15.4





#62

4-Chlorophenyl-phenylether

Concen: 21.889 ng/ul

RT: 16.009 min Scan# 2123

Delta R.T. -0.003 min

Lab File: BG057255.D

Acq: 1 May 2023 18:27

Instrument :

BNA_G

ClientSampleId :

SSTD020469

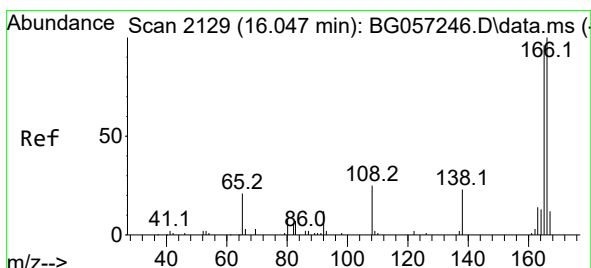
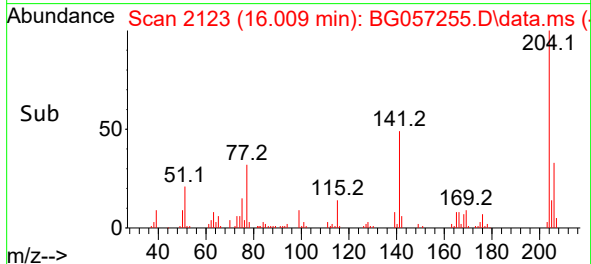
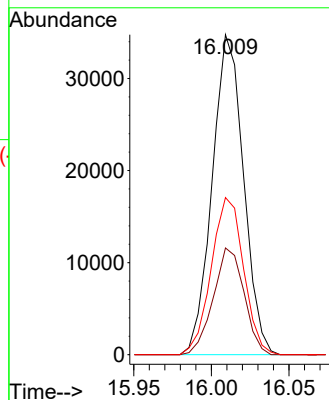
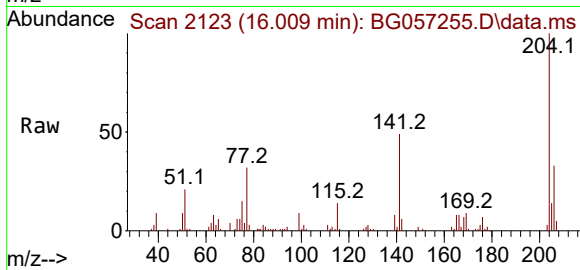
Tgt Ion:204 Resp: 48804

Ion Ratio Lower Upper

204 100

206 33.4 26.5 39.7

141 49.1 41.5 62.3



#63

4-Nitroaniline

Concen: 16.403 ng/ul

RT: 16.044 min Scan# 2129

Delta R.T. -0.003 min

Lab File: BG057255.D

Acq: 1 May 2023 18:27

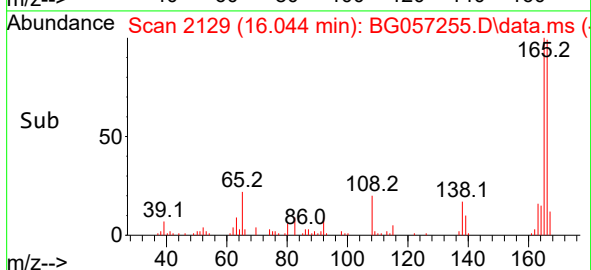
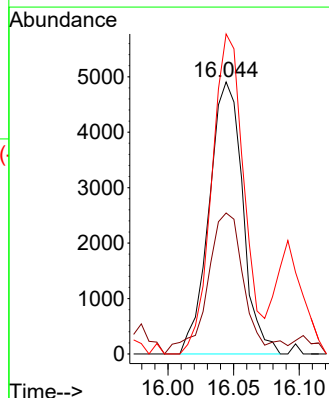
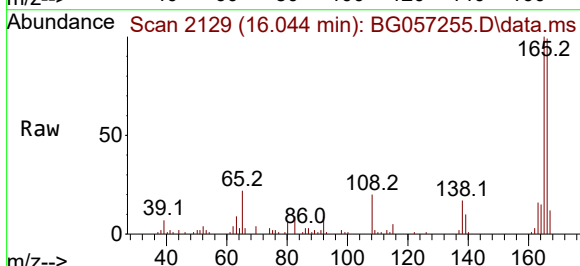
Tgt Ion:138 Resp: 8744

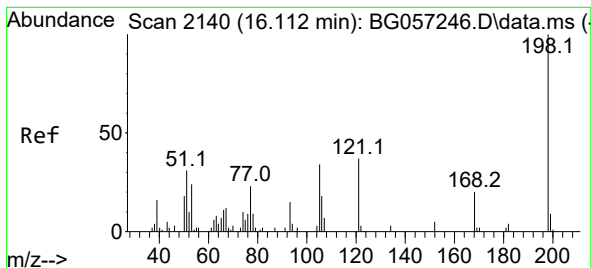
Ion Ratio Lower Upper

138 100

92 51.8 39.9 59.9

108 117.7 89.1 133.7

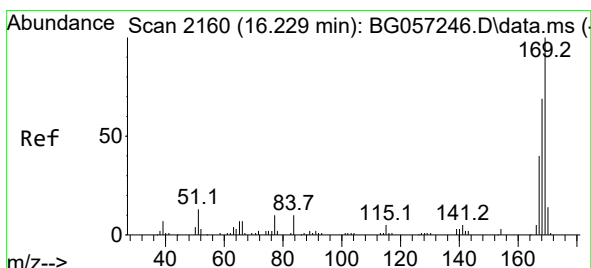
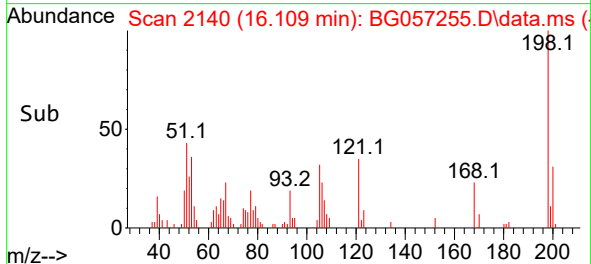
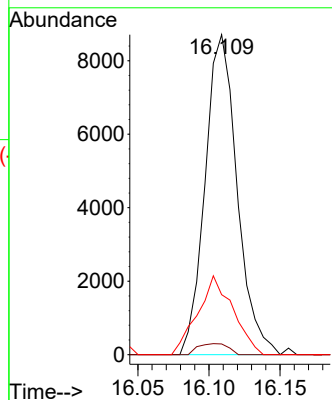
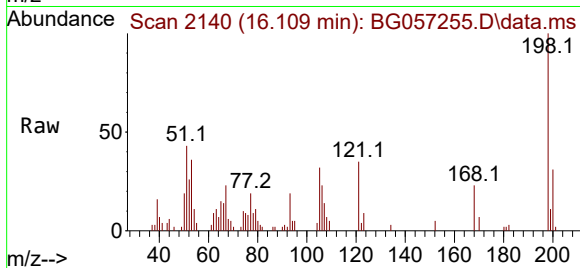




#66
 4,6-Dinitro-2-methylphenol
 Concen: 19.644 ng/ul
 RT: 16.109 min Scan# 2140
 Delta R.T. -0.003 min
 Lab File: BG057255.D
 Acq: 1 May 2023 18:27

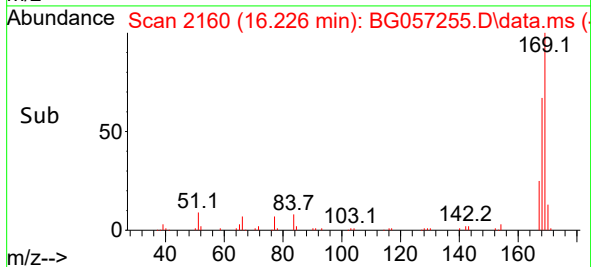
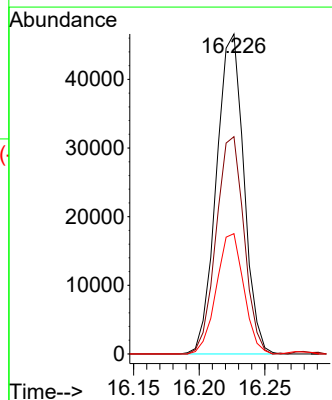
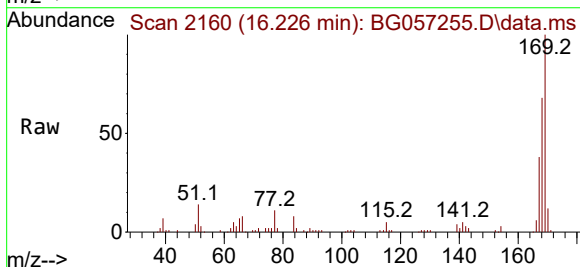
Instrument :
 BNA_G
 ClientSampleId :
 SST020469

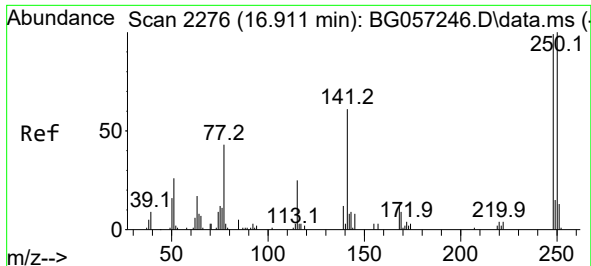
Tgt Ion:198 Resp: 13655
 Ion Ratio Lower Upper
 198 100
 182 3.3 3.0 4.6
 77 18.8 20.1 30.1#



#67
 N-Nitrosodiphenylamine
 Concen: 22.546 ng/ul
 RT: 16.226 min Scan# 2160
 Delta R.T. -0.003 min
 Lab File: BG057255.D
 Acq: 1 May 2023 18:27

Tgt Ion:169 Resp: 67807
 Ion Ratio Lower Upper
 169 100
 168 67.9 55.4 83.2
 167 37.6 31.0 46.4

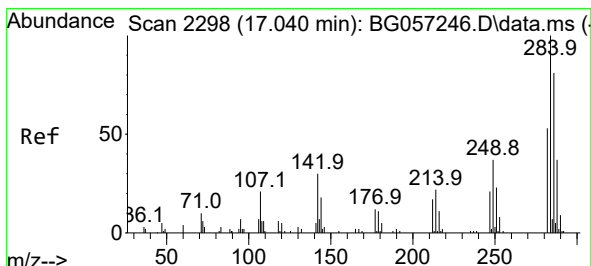
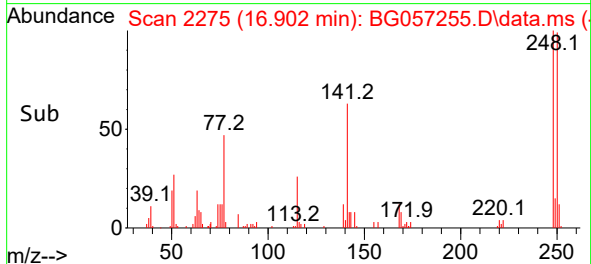
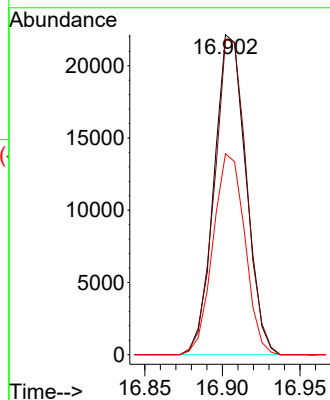
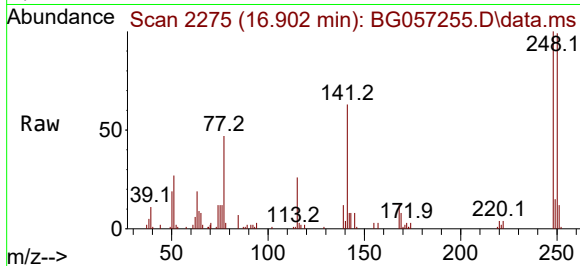




#68
4-Bromophenyl-phenylether
Concen: 22.960 ng/ul
RT: 16.902 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG057255.D
Acq: 1 May 2023 18:27

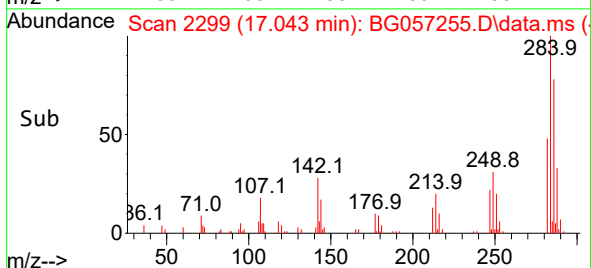
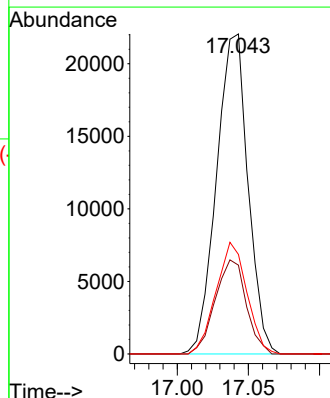
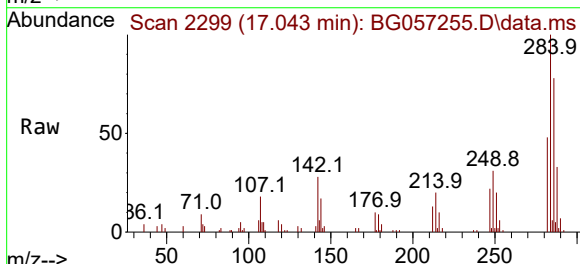
Instrument :
BNA_G
ClientSampleId :
SSTD020469

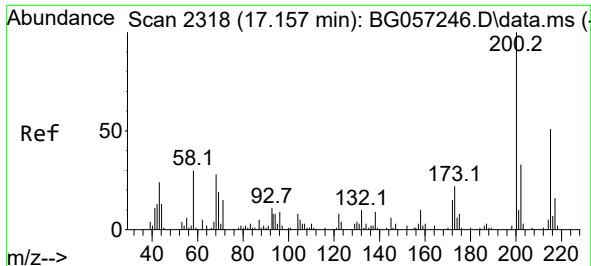
Tgt Ion:248 Resp: 31595
Ion Ratio Lower Upper
248 100
250 98.5 74.8 112.2
141 62.8 47.8 71.6



#69
Hexachlorobenzene
Concen: 23.455 ng/ul
RT: 17.043 min Scan# 2299
Delta R.T. 0.003 min
Lab File: BG057255.D
Acq: 1 May 2023 18:27

Tgt Ion:284 Resp: 33988
Ion Ratio Lower Upper
284 100
142 27.7 22.6 33.8
249 31.1 26.2 39.2

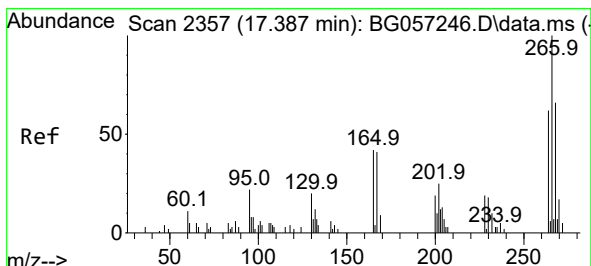
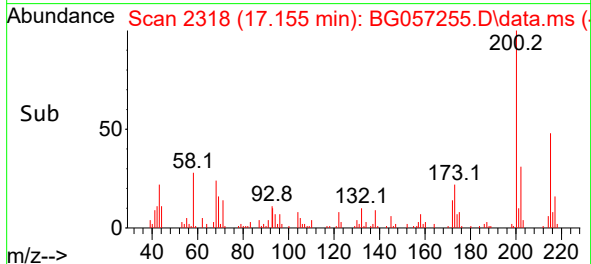
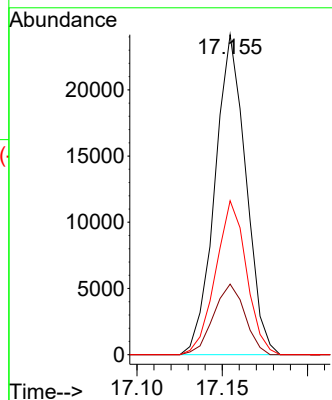
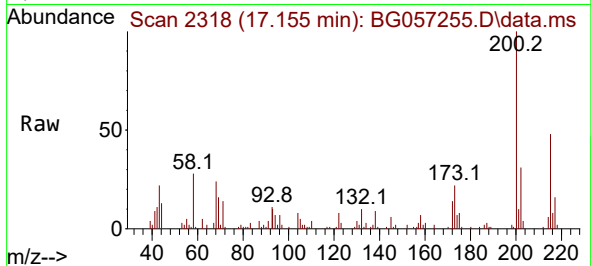




#70
Atrazine
Concen: 22.846 ng/ul
RT: 17.155 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG057255.D
Acq: 1 May 2023 18:27

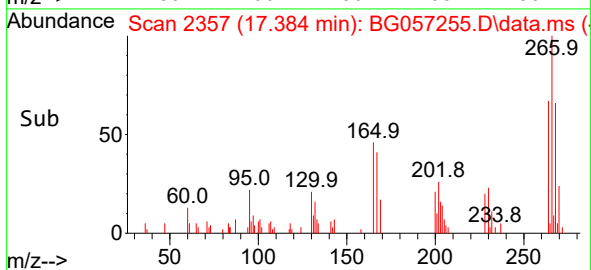
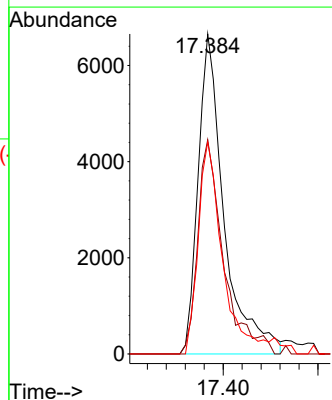
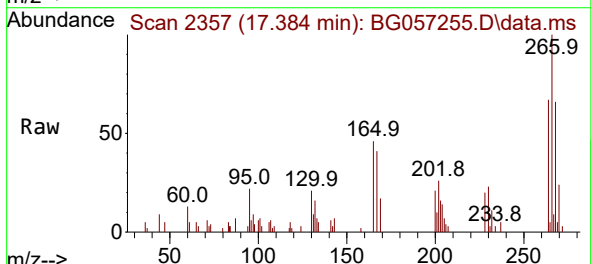
Instrument :
BNA_G
ClientSampleId :
SSTD020469

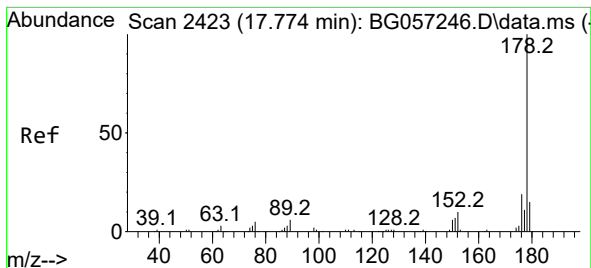
Tgt Ion:200 Resp: 30537
Ion Ratio Lower Upper
200 100
173 22.1 17.8 26.6
215 48.1 40.3 60.5



#71
Pentachlorophenol
Concen: 18.905 ng/ul
RT: 17.384 min Scan# 2357
Delta R.T. -0.003 min
Lab File: BG057255.D
Acq: 1 May 2023 18:27

Tgt Ion:266 Resp: 12663
Ion Ratio Lower Upper
266 100
264 66.9 47.8 71.6
268 66.2 48.2 72.4





#72

Phenanthrene

Concen: 21.757 ng/ul

RT: 17.771 min Scan# 2423

Delta R.T. -0.003 min

Lab File: BG057255.D

Acq: 1 May 2023 18:27

Instrument :

BNA_G

ClientSampleId :

SSTD020469

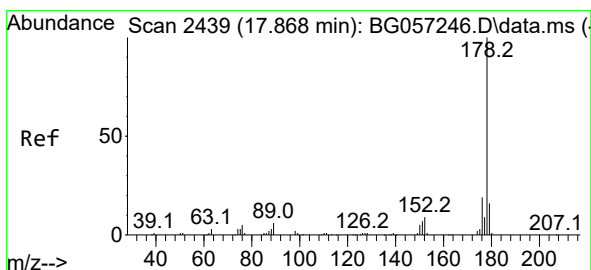
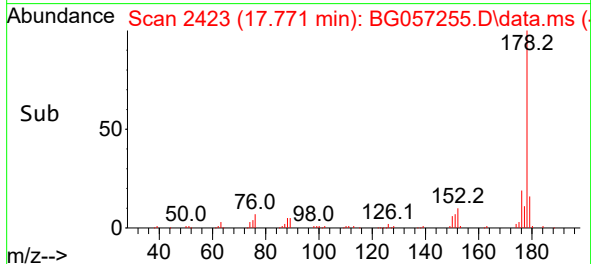
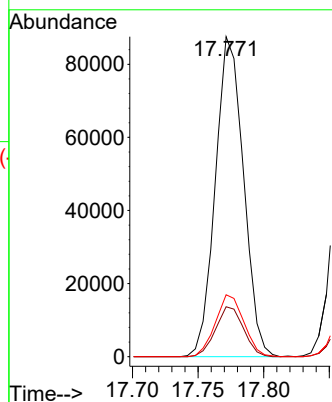
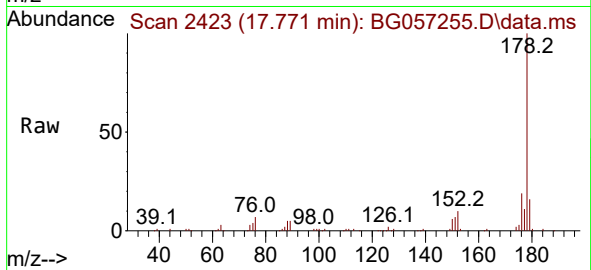
Tgt Ion:178 Resp: 130450

Ion Ratio Lower Upper

178 100

179 15.6 11.8 17.8

176 19.3 15.4 23.0



#74

Anthracene

Concen: 22.045 ng/ul

RT: 17.865 min Scan# 2439

Delta R.T. -0.003 min

Lab File: BG057255.D

Acq: 1 May 2023 18:27

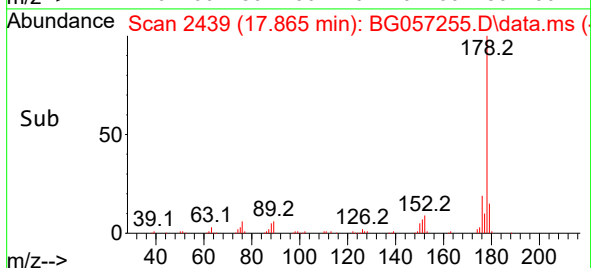
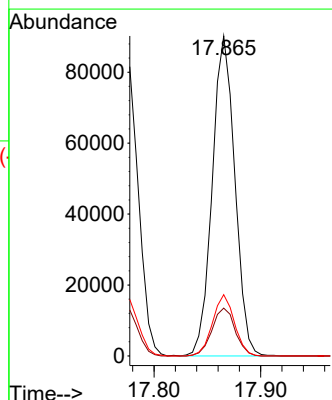
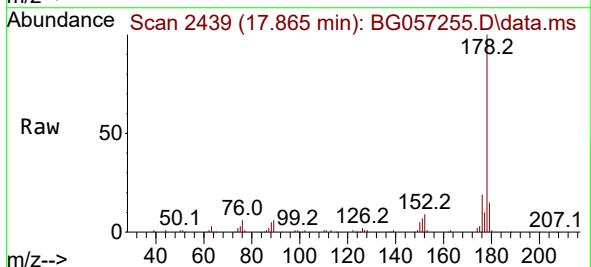
Tgt Ion:178 Resp: 132771

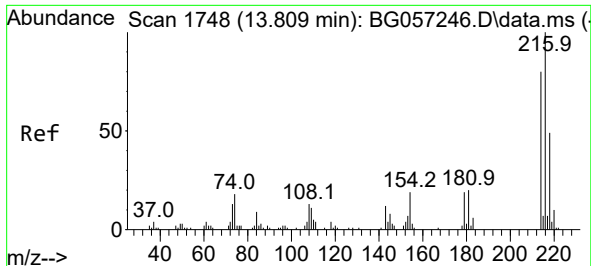
Ion Ratio Lower Upper

178 100

179 14.9 12.5 18.7

176 19.1 14.7 22.1

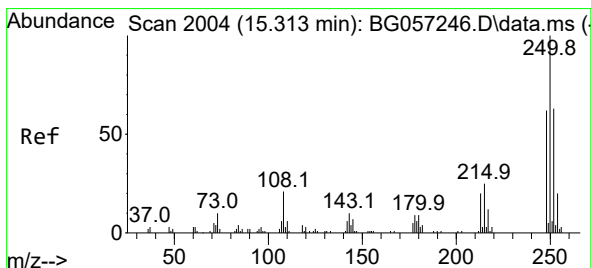
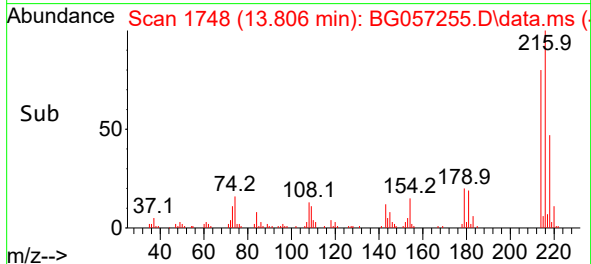
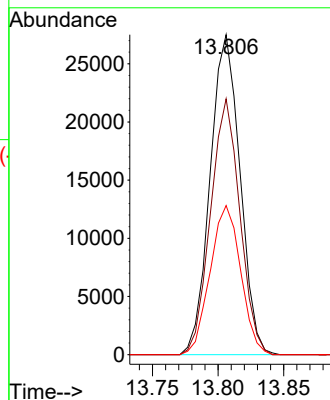
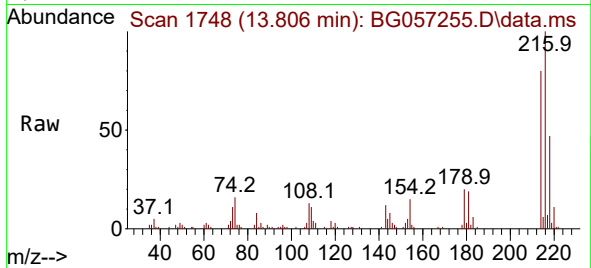




#75
1,2,3,4-Tetrachlorobenzene
Concen: 25.143 ng/uL
RT: 13.806 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057255.D
Acq: 1 May 2023 18:27

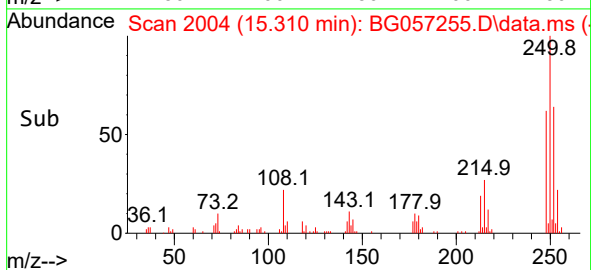
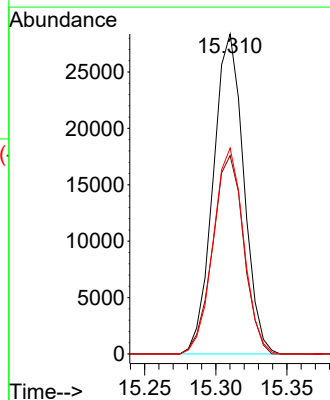
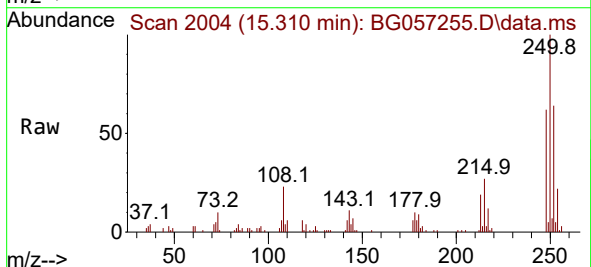
Instrument :
BNA_G
ClientSampleId :
SSTD020469

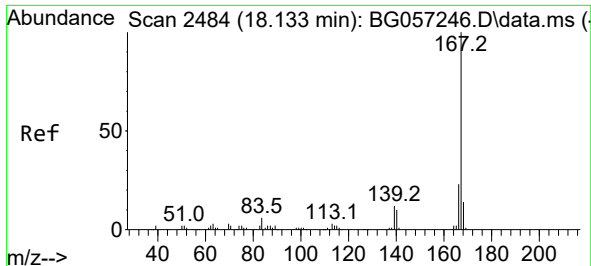
Tgt Ion:216 Resp: 43540
Ion Ratio Lower Upper
216 100
214 80.0 64.3 96.5
218 46.6 38.5 57.7



#76
Pentachlorobenzene
Concen: 24.024 ng/uL
RT: 15.310 min Scan# 2004
Delta R.T. -0.003 min
Lab File: BG057255.D
Acq: 1 May 2023 18:27

Tgt Ion:250 Resp: 42347
Ion Ratio Lower Upper
250 100
248 62.0 52.2 78.2
252 64.3 52.5 78.7

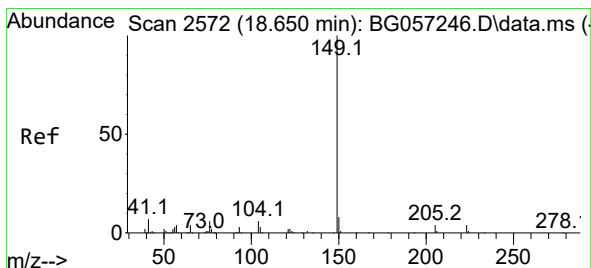
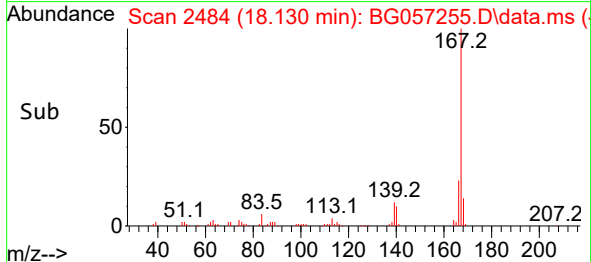
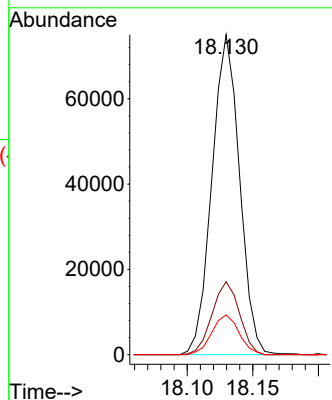
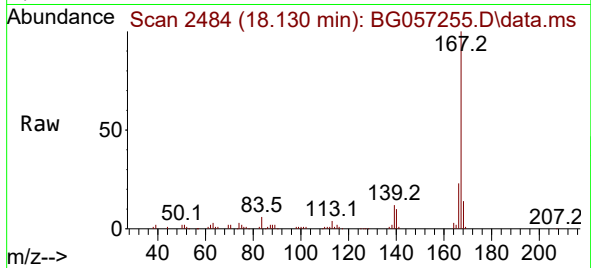




#77
 Carbazole
 Concen: 21.789 ng/ul
 RT: 18.130 min Scan# 2484
 Delta R.T. -0.003 min
 Lab File: BG057255.D
 Acq: 1 May 2023 18:27

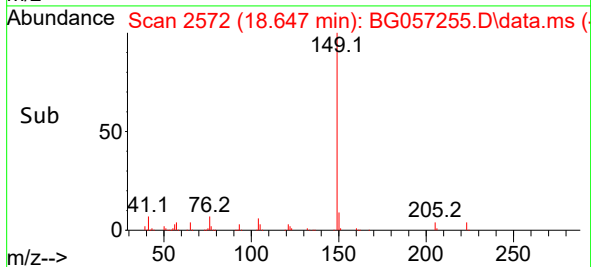
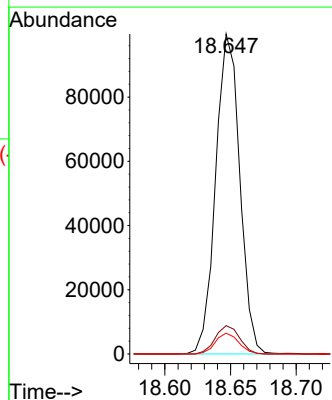
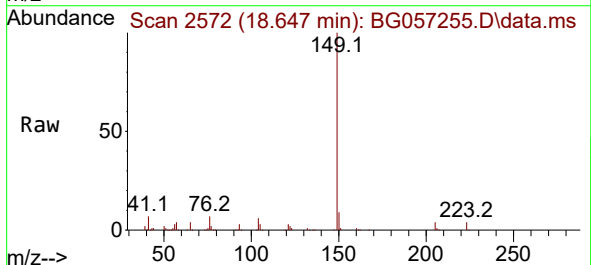
Instrument :
 BNA_G
 ClientSampleId :
 SST020469

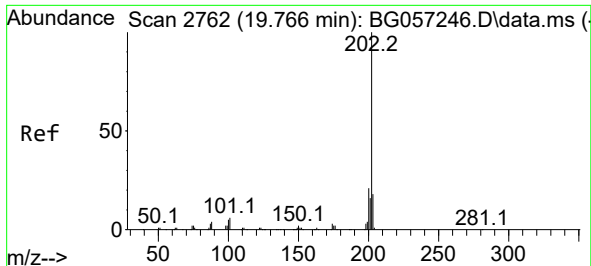
Tgt Ion:167 Resp: 109663
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.0 27.0
 139 12.4 10.3 15.5



#78
 Di-n-butylphthalate
 Concen: 22.090 ng/ul
 RT: 18.647 min Scan# 2572
 Delta R.T. -0.003 min
 Lab File: BG057255.D
 Acq: 1 May 2023 18:27

Tgt Ion:149 Resp: 127135
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.3 10.9
 104 6.5 5.0 7.6

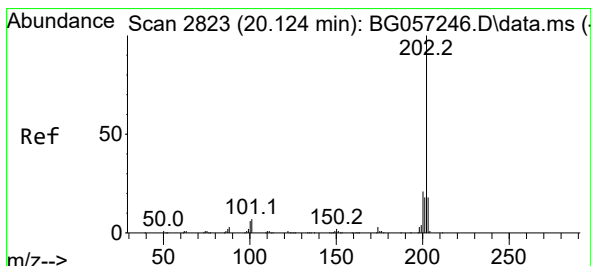
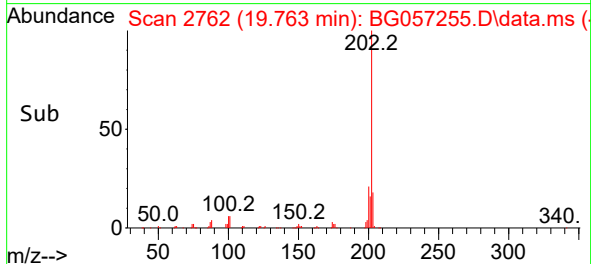
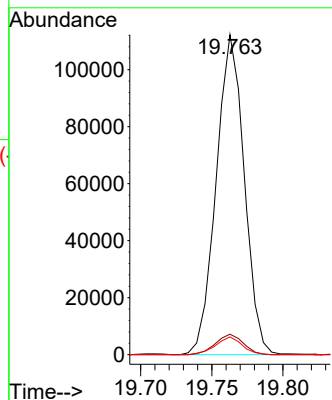
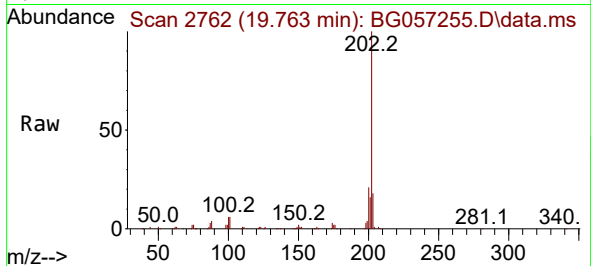




#80
Fluoranthene
Concen: 21.767 ng/ul
RT: 19.763 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG057255.D
Acq: 1 May 2023 18:27

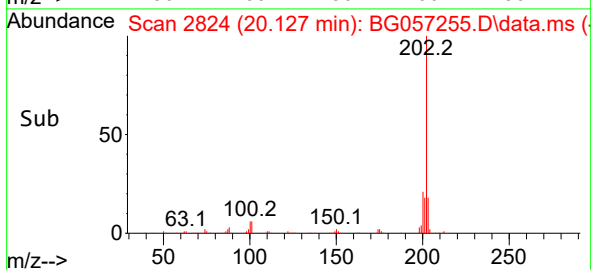
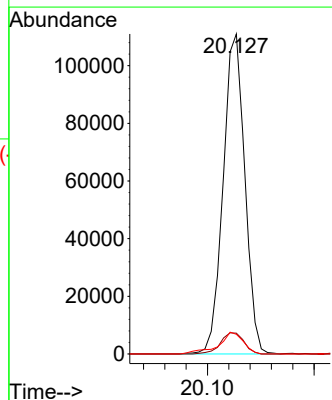
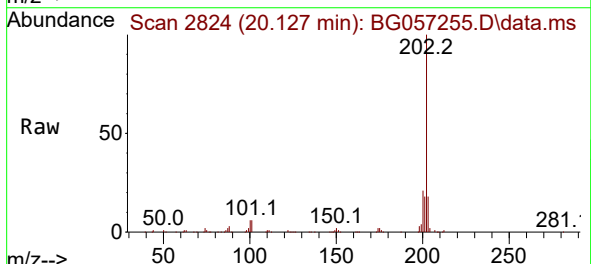
Instrument :
BNA_G
ClientSampleId :
SSTD020469

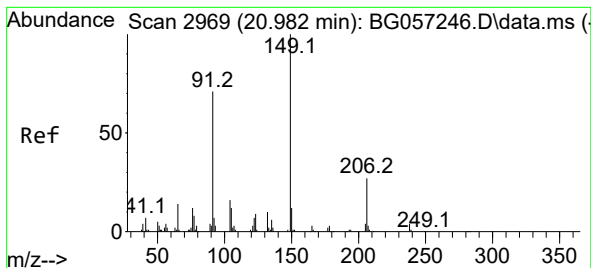
Tgt Ion:202 Resp: 154047
Ion Ratio Lower Upper
202 100
101 6.4 5.8 8.6
100 5.6 4.6 7.0



#82
Pyrene
Concen: 21.876 ng/ul
RT: 20.127 min Scan# 2824
Delta R.T. 0.003 min
Lab File: BG057255.D
Acq: 1 May 2023 18:27

Tgt Ion:202 Resp: 156730
Ion Ratio Lower Upper
202 100
101 6.5 5.7 8.5
100 6.2 6.0 9.0





#83

Butylbenzylphthalate

Concen: 22.116 ng/ul

RT: 20.979 min Scan# 2969

Delta R.T. -0.003 min

Lab File: BG057255.D

Acq: 1 May 2023 18:27

Instrument :

BNA_G

ClientSampleId :

SSTD020469

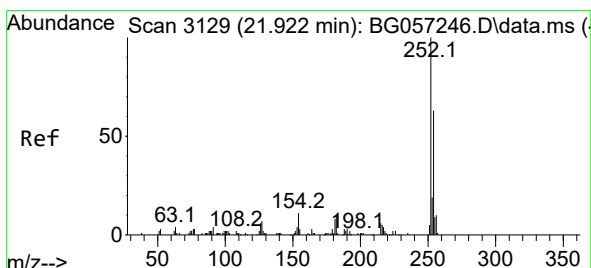
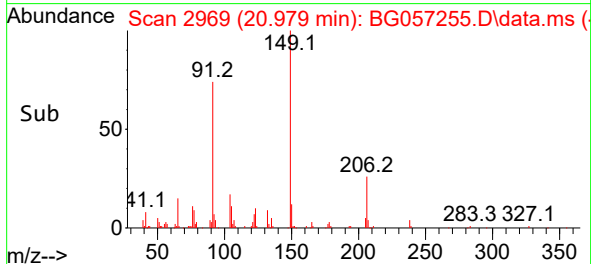
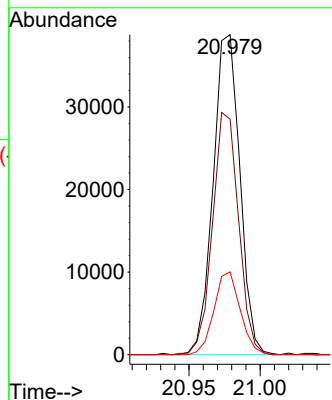
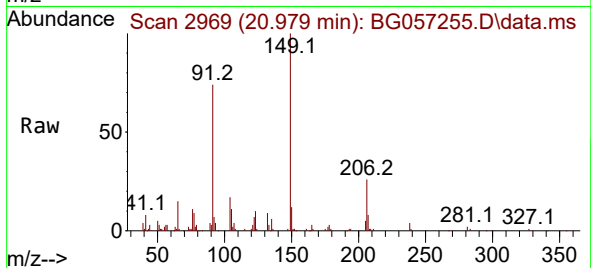
Tgt Ion:149 Resp: 50742

Ion Ratio Lower Upper

149 100

91 73.6 58.6 87.8

206 25.9 19.8 29.8



#84

3,3'-Dichlorobenzidine

Concen: 25.075 ng/ul

RT: 21.919 min Scan# 3129

Delta R.T. -0.003 min

Lab File: BG057255.D

Acq: 1 May 2023 18:27

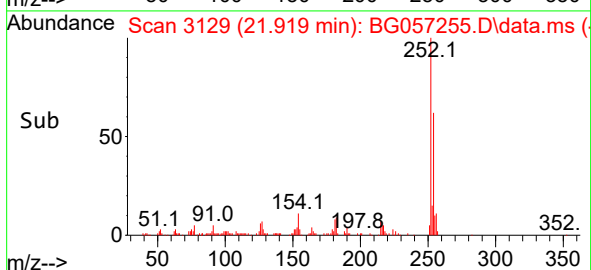
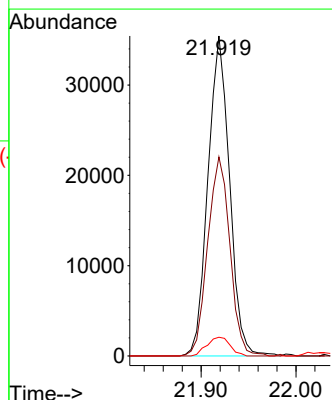
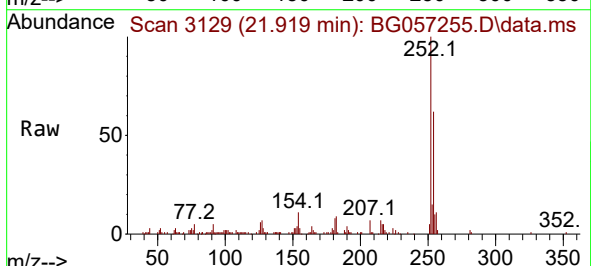
Tgt Ion:252 Resp: 55895

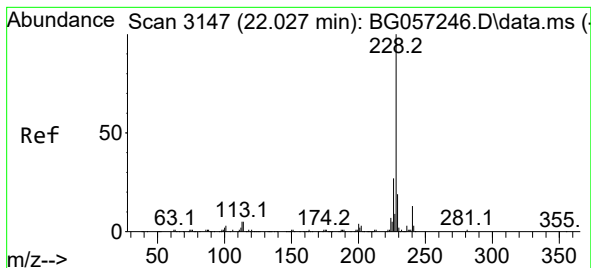
Ion Ratio Lower Upper

252 100

254 62.2 53.7 80.5

126 5.9 5.2 7.8





#85

Benzo(a)anthracene

Concen: 22.130 ng/ul

RT: 22.024 min Scan# 3147

Delta R.T. -0.003 min

Lab File: BG057255.D

Acq: 1 May 2023 18:27

Instrument :

BNA_G

ClientSampleId :

SSTD020469

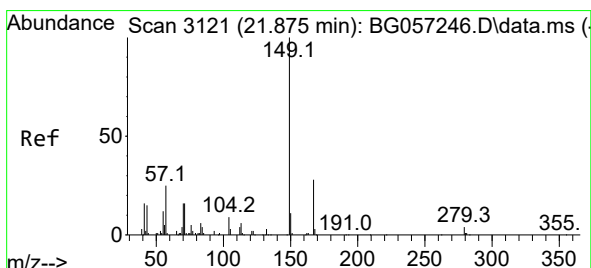
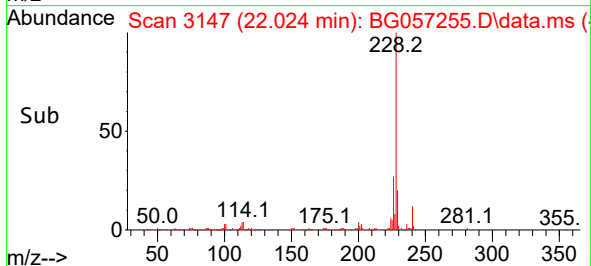
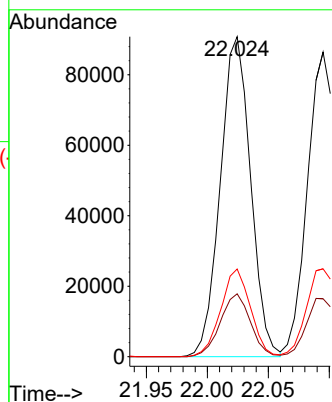
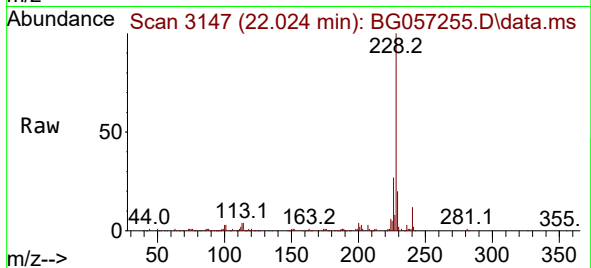
Tgt Ion:228 Resp: 157099

Ion Ratio Lower Upper

228 100

229 19.6 15.8 23.6

226 27.4 21.7 32.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 22.326 ng/ul

RT: 21.872 min Scan# 3121

Delta R.T. -0.003 min

Lab File: BG057255.D

Acq: 1 May 2023 18:27

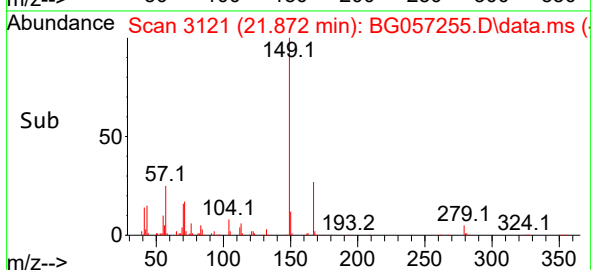
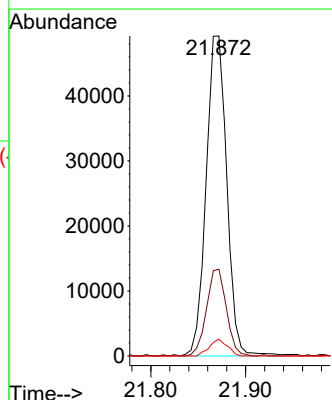
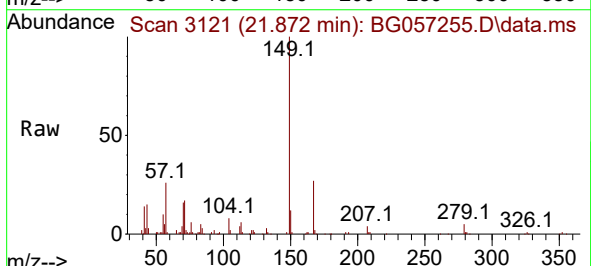
Tgt Ion:149 Resp: 74500

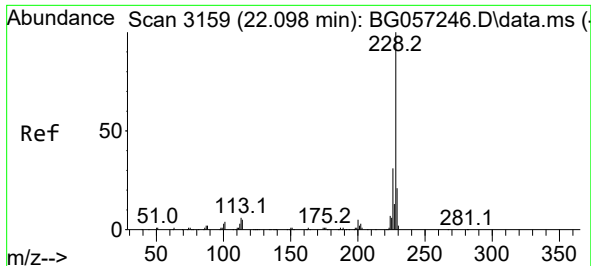
Ion Ratio Lower Upper

149 100

167 27.1 23.0 34.6

279 5.3 3.6 5.4

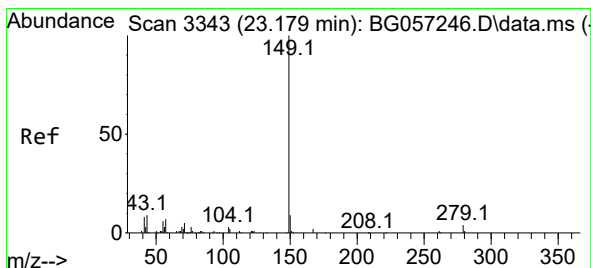
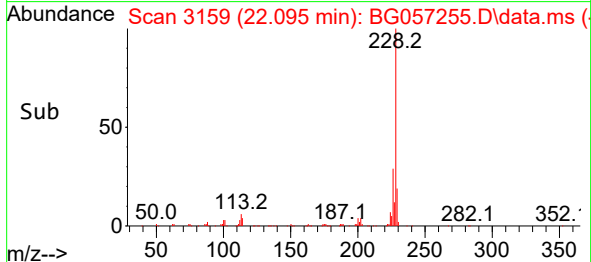
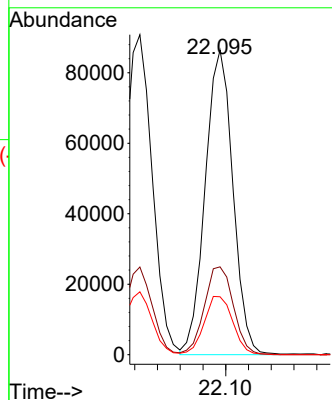
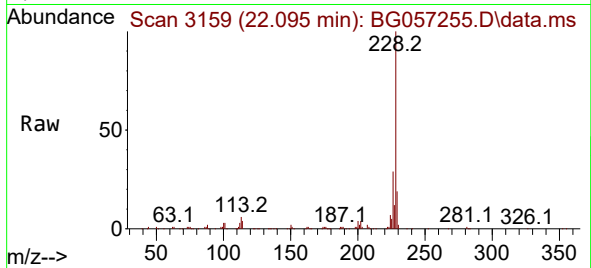




#87
Chrysene
Concen: 21.882 ng/ul
RT: 22.095 min Scan# 3159
Delta R.T. -0.003 min
Lab File: BG057255.D
Acq: 1 May 2023 18:27

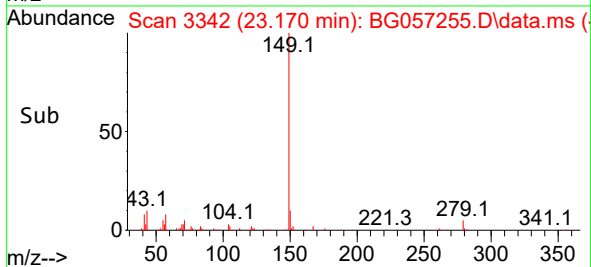
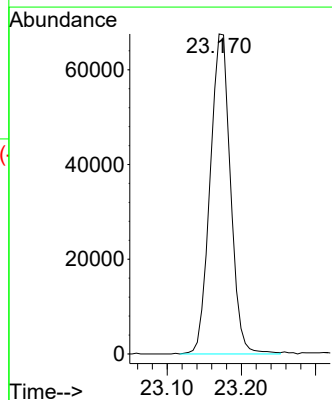
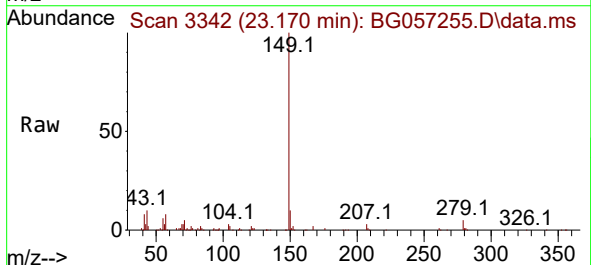
Instrument :
BNA_G
ClientSampleId :
SSTD020469

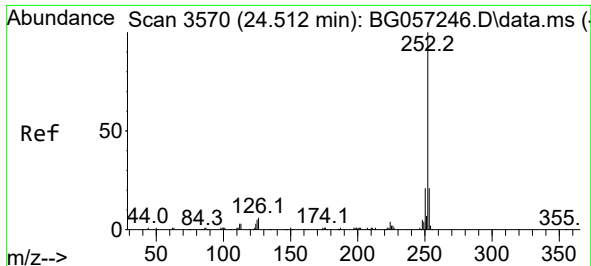
Tgt Ion:228 Resp: 146553
Ion Ratio Lower Upper
228 100
226 28.8 22.8 34.2
229 19.0 15.5 23.3



#89
Di-n-octyl phthalate
Concen: 22.061 ng/ul
RT: 23.170 min Scan# 3342
Delta R.T. -0.009 min
Lab File: BG057255.D
Acq: 1 May 2023 18:27

Tgt Ion:149 Resp: 129035

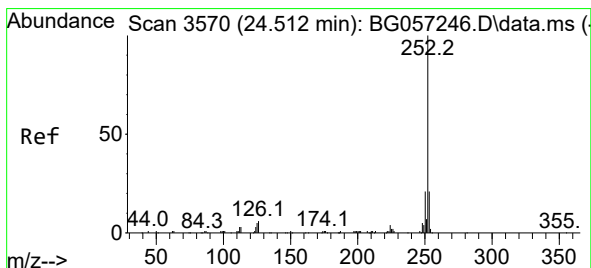
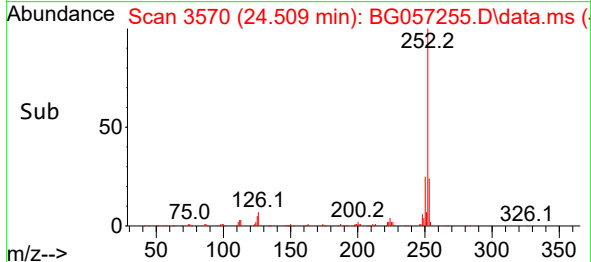
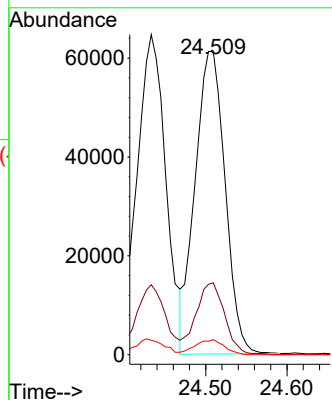
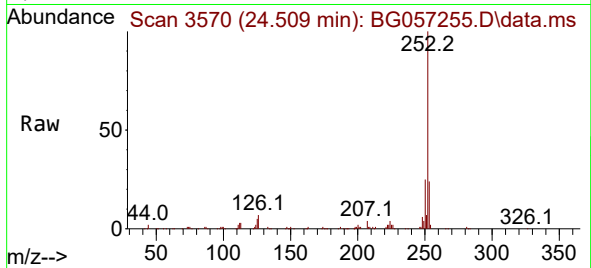




#90
Benzo(b)fluoranthene
Concen: 21.452 ng/ul
RT: 24.509 min Scan# 3570
Delta R.T. 0.073 min
Lab File: BG057255.D
Acq: 1 May 2023 18:27

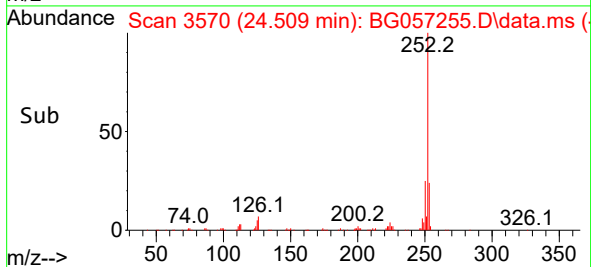
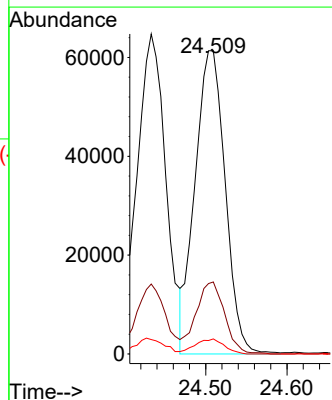
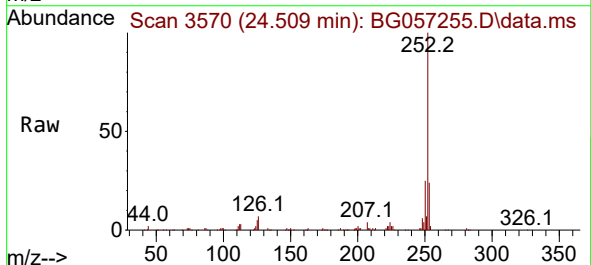
Instrument :
BNA_G
ClientSampleId :
SSTD020469

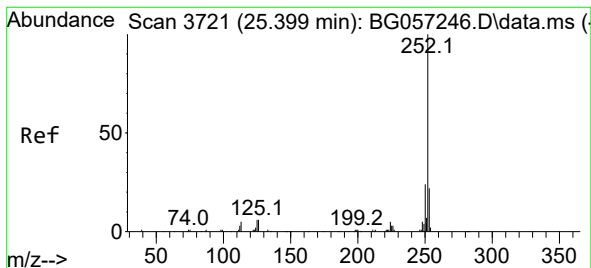
Tgt Ion:252 Resp: 157340
Ion Ratio Lower Upper
252 100
253 23.8 16.7 25.1
125 5.0 4.8 7.2



#91
Benzo(k)fluoranthene
Concen: 22.227 ng/ul
RT: 24.509 min Scan# 3570
Delta R.T. -0.003 min
Lab File: BG057255.D
Acq: 1 May 2023 18:27

Tgt Ion:252 Resp: 158605
Ion Ratio Lower Upper
252 100
253 23.8 17.7 26.5
125 5.0 4.5 6.7





#93

Benzo(a)pyrene

Concen: 21.657 ng/ul

RT: 25.396 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG057255.D

Acq: 1 May 2023 18:27

Instrument :

BNA_G

ClientSampleId :

SSTD020469

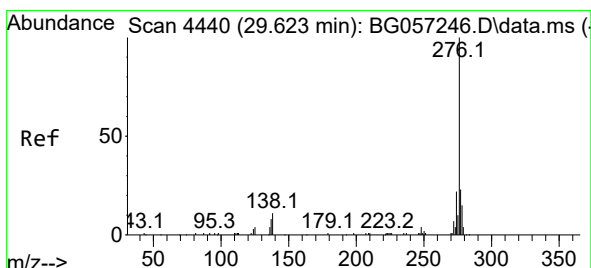
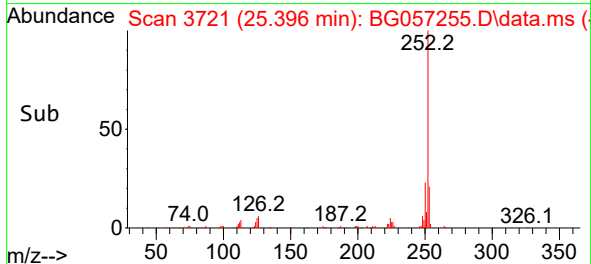
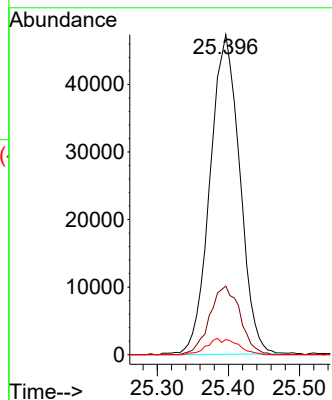
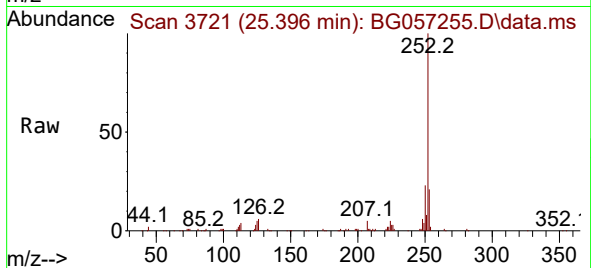
Tgt Ion:252 Resp: 137134

Ion Ratio Lower Upper

252 100

253 21.4 17.2 25.8

125 4.7 5.1 7.7#



#94

Indeno(1,2,3-cd)pyrene

Concen: 22.440 ng/ul

RT: 29.620 min Scan# 4440

Delta R.T. -0.003 min

Lab File: BG057255.D

Acq: 1 May 2023 18:27

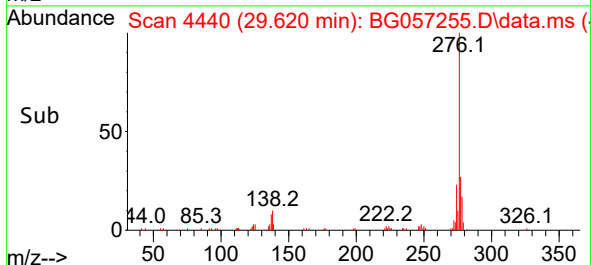
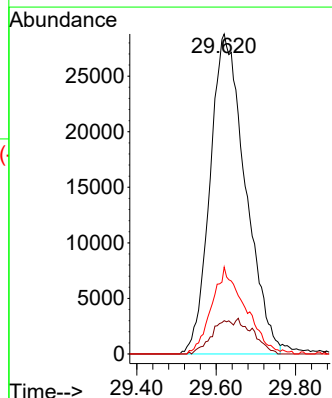
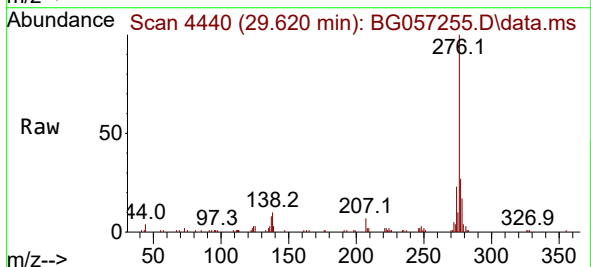
Tgt Ion:276 Resp: 177622

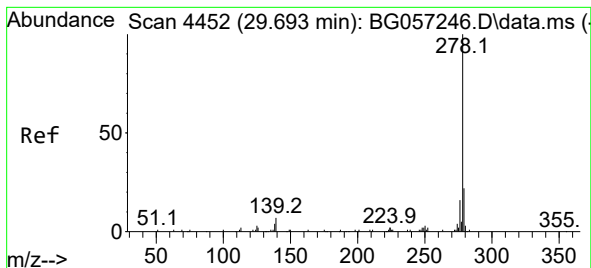
Ion Ratio Lower Upper

276 100

138 10.4 9.4 14.2

277 27.1 18.6 28.0





#95

Dibenzo(a,h)anthracene

Concen: 22.705 ng/ul

RT: 29.691 min Scan# 4452

Delta R.T. -0.003 min

Lab File: BG057255.D

Acq: 1 May 2023 18:27

Instrument :

BNA_G

ClientSampleId :

SSTD020469

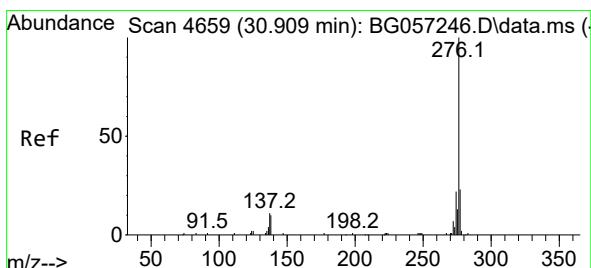
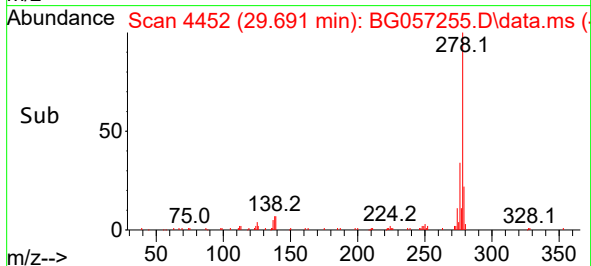
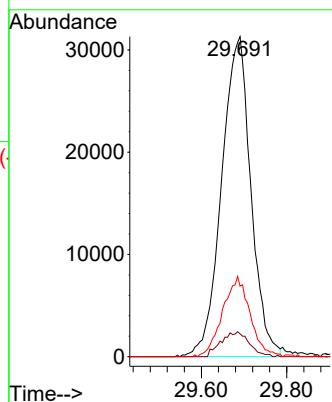
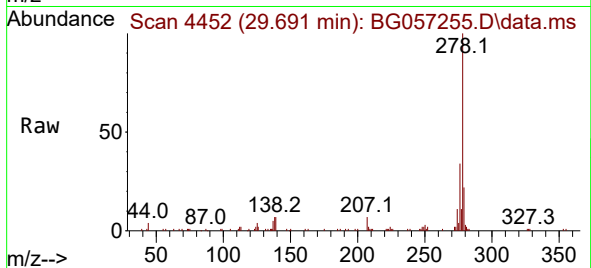
Tgt Ion:278 Resp: 149025

Ion Ratio Lower Upper

278 100

139 7.2 5.8 8.6

279 22.0 18.3 27.5



#96

Benzo(g,h,i)perylene

Concen: 21.143 ng/ul

RT: 30.901 min Scan# 4658

Delta R.T. -0.009 min

Lab File: BG057255.D

Acq: 1 May 2023 18:27

Tgt Ion:276 Resp: 135444

Ion Ratio Lower Upper

276 100

138 10.3 8.7 13.1

277 23.7 18.4 27.6

