

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120222\
 Data File : BG055878.D
 Acq On : 2 Dec 2022 17:47
 Operator : CG/JU
 Sample : N5848-05MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PE-5MS

Quant Time: Dec 03 04:30:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 02 04:07:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.199	152	32689	20.000	ng	0.00
21) Naphthalene-d8	11.031	136	143068	20.000	ng	0.00
39) Acenaphthene-d10	14.827	164	106756	20.000	ng	-0.01
64) Phenanthrene-d10	17.571	188	247561	20.000	ng	0.00
76) Chrysene-d12	21.860	240	232627	20.000	ng	0.00
86) Perylene-d12	25.238	264	251565	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.732	112	274513	151.790	ng	0.00
7) Phenol-d6	7.359	99	368027	152.873	ng	0.00
23) Nitrobenzene-d5	9.374	82	225297	83.233	ng	-0.01
42) 2,4,6-Tribromophenol	16.319	330	197157	131.153	ng	0.00
45) 2-Fluorobiphenyl	13.452	172	573432	80.471	ng	0.00
79) Terphenyl-d14	20.156	244	953761	82.004	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.546	88	30872	39.945	ng	99
3) Pyridine	3.957	79	86113	36.320	ng	99
4) n-Nitrosodimethylamine	3.875	42	55630	44.317	ng	95
6) Aniline	7.512	93	110611	36.580	ng	97
8) 2-Chlorophenol	7.765	128	108384	52.424	ng	99
9) Benzaldehyde	7.324	77	51360	31.414	ng	98
10) Phenol	7.383	94	141923	52.651	ng	99
11) bis(2-Chloroethyl)ether	7.606	93	95966	46.456	ng	99
12) 1,3-Dichlorobenzene	8.088	146	112178	46.150	ng	99
13) 1,4-Dichlorobenzene	8.235	146	112596	45.841	ng	98
14) 1,2-Dichlorobenzene	8.558	146	111323	47.296	ng	98
15) Benzyl Alcohol	8.434	79	103930	53.120	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.722	45	175005	46.798	ng	99
17) 2-Methylphenol	8.646	107	97632	51.016	ng	98
18) Hexachloroethane	9.292	117	39568	46.804	ng	97
19) n-Nitroso-di-n-propyla...	9.004	70	86104	46.550	ng	99
20) 3+4-Methylphenols	8.975	107	136267	50.972	ng	99
22) Acetophenone	9.028	105	165913	44.629	ng	98
24) Nitrobenzene	9.416	77	126532	44.753	ng	100
25) Isophorone	9.938	82	239837	46.764	ng	99
26) 2-Nitrophenol	10.132	139	64513	49.428	ng	94
27) 2,4-Dimethylphenol	10.185	122	108447	54.594	ng	98
28) bis(2-Chloroethoxy)met...	10.414	93	139060	50.506	ng	99
29) 2,4-Dichlorophenol	10.679	162	117431	49.390	ng	98
30) 1,2,4-Trichlorobenzene	10.884	180	121673	44.048	ng	98
31) Naphthalene	11.078	128	338113	43.717	ng	99
32) Benzoic acid	10.350	122	41816	25.586	ng	97
33) 4-Chloroaniline	11.184	127	61960	19.421	ng	98
34) Hexachlorobutadiene	11.354	225	80585	42.724	ng	97
35) Caprolactam	11.966	113	23280	28.294	ng	100
36) 4-Chloro-3-methylphenol	12.300	107	127764	48.891	ng	95
37) 2-Methylnaphthalene	12.671	142	257964	44.547	ng	99
38) 1-Methylnaphthalene	12.888	142	244885	43.561	ng	99
40) 1,2,4,5-Tetrachloroben...	13.035	216	152724	45.523	ng	99
41) Hexachlorocyclopentadiene	13.005	237	101461	60.005	ng	99
43) 2,4,6-Trichlorophenol	13.270	196	99892	43.650	ng	97

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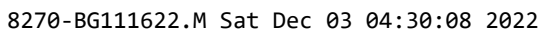
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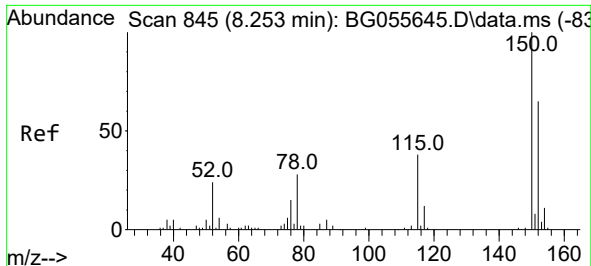
Quant Time: Dec 03 04:30:02 2022
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.352	196	109802	43.661	ng	99
46) 1,1'-Biphenyl	13.664	154	353930	45.495	ng	97
47) 2-Chloronaphthalene	13.716	162	269984	44.650	ng	100
48) 2-Nitroaniline	13.916	65	90131	45.337	ng	94
49) Acenaphthylene	14.557	152	445998	44.791	ng	99
50) Dimethylphthalate	14.275	163	368217	43.268	ng	99
51) 2,6-Dinitrotoluene	14.398	165	79380	45.619	ng	96
52) Acenaphthene	14.892	154	261932	40.250	ng	97
53) 3-Nitroaniline	14.733	138	51486	26.954	ng	97
54) 2,4-Dinitrophenol	14.950	184	78869	78.832	ng	96
55) Dibenzofuran	15.226	168	439039	43.732	ng	99
56) 4-Nitrophenol	15.050	139	114675	76.491	ng	97
57) 2,4-Dinitrotoluene	15.191	165	114168	46.536	ng	94
58) Fluorene	15.873	166	348531	43.467	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.456	232	95658	39.255	ng	99
60) Diethylphthalate	15.626	149	368728	42.855	ng	100
61) 4-Chlorophenyl-phenyle...	15.855	204	195516	44.358	ng	98
62) 4-Nitroaniline	15.896	138	79437	39.783	ng	96
63) Azobenzene	16.149	77	334275	44.501	ng	99
65) 4,6-Dinitro-2-methylph...	15.955	198	61922	44.795	ng	96
66) n-Nitrosodiphenylamine	16.072	169	314121	46.042	ng	99
67) 4-Bromophenyl-phenylether	16.748	248	131651	46.673	ng	99
68) Hexachlorobenzene	16.877	284	140748	45.001	ng	98
69) Atrazine	17.007	200	129496	47.992	ng	99
70) Pentachlorophenol	17.224	266	126824	66.286	ng	99
71) Phenanthrene	17.612	178	579462	43.375	ng	99
72) Anthracene	17.706	178	588493	45.337	ng	99
73) Carbazole	17.970	167	522480	44.774	ng	100
74) Di-n-butylphthalate	18.499	149	632749	43.669	ng	99
75) Fluoranthene	19.610	202	673760	41.455	ng	99
77) Benzidine	19.786	184	393455	73.110	ng	97
78) Pyrene	19.974	202	682661	43.354	ng	100
80) Butylbenzylphthalate	20.832	149	275708	44.727	ng	99
81) Benzo(a)anthracene	21.842	228	685925	42.810	ng	100
82) 3,3'-Dichlorobenzidine	21.742	252	138929	24.677	ng	99
83) Chrysene	21.907	228	646183	42.364	ng	99
84) Bis(2-ethylhexyl)phtha...	21.707	149	395608	44.657	ng	100
85) Di-n-octyl phthalate	22.959	149	681454	44.949	ng	100
87) Indeno(1,2,3-cd)pyrene	29.122	276	828902	40.221	ng	# 94
88) Benzo(b)fluoranthene	24.157	252	728096	44.441	ng	99
89) Benzo(k)fluoranthene	24.228	252	709232	43.429	ng	99
90) Benzo(a)pyrene	25.080	252	647852	46.081	ng	100
91) Dibenzo(a,h)anthracene	29.187	278	704483	41.831	ng	98
92) Benzo(g,h,i)perylene	30.362	276	690688	40.692	ng	98

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

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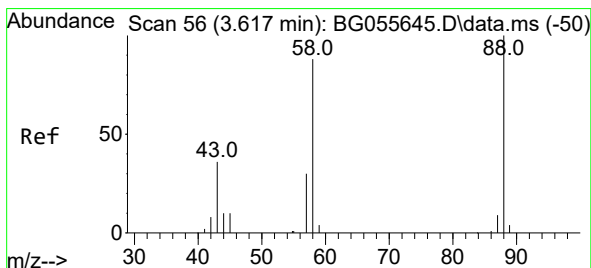
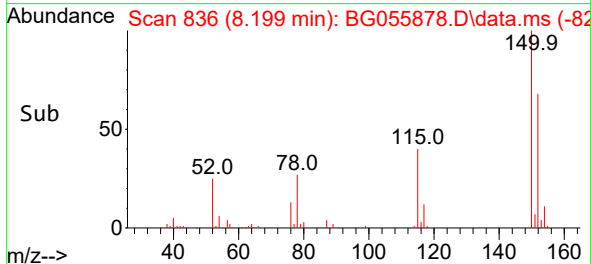
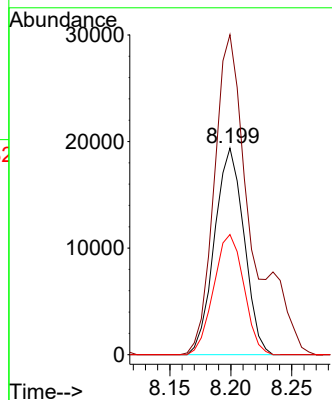
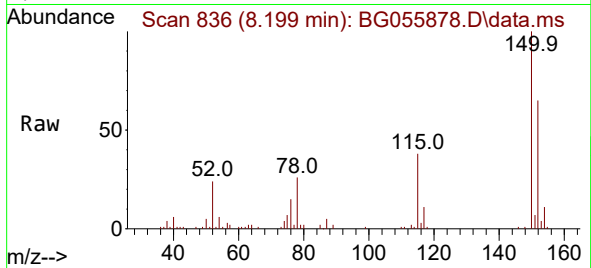




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.199 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BG055878.D
 Acq: 2 Dec 2022 17:47

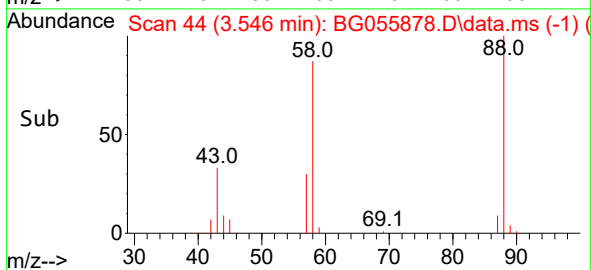
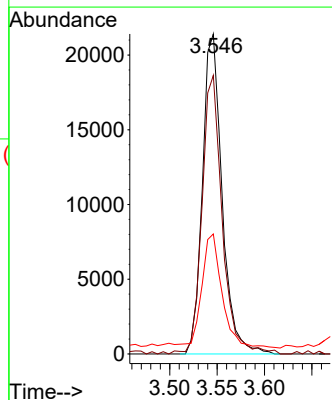
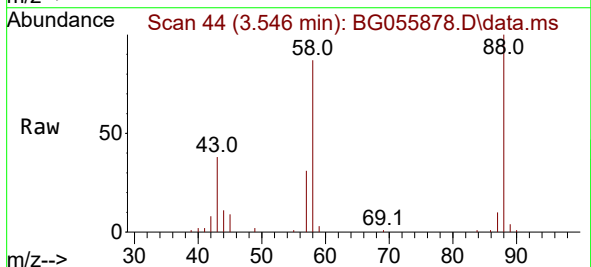
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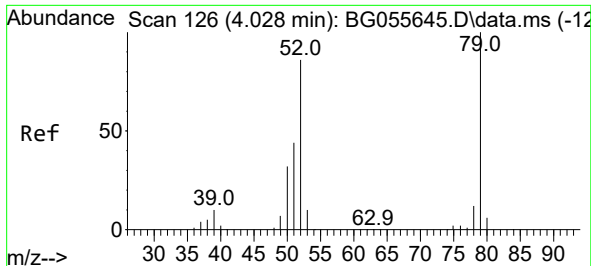
Tgt Ion:152 Resp: 32689
 Ion Ratio Lower Upper
 152 100
 150 155.0 123.0 184.6
 115 58.2 47.0 70.4



#2
 1,4-Dioxane
 Concen: 39.945 ng
 RT: 3.546 min Scan# 44
 Delta R.T. -0.012 min
 Lab File: BG055878.D
 Acq: 2 Dec 2022 17:47

Tgt Ion: 88 Resp: 30872
 Ion Ratio Lower Upper
 88 100
 58 89.7 71.3 106.9
 43 37.0 28.6 43.0

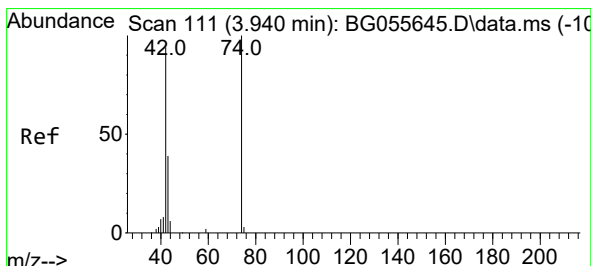
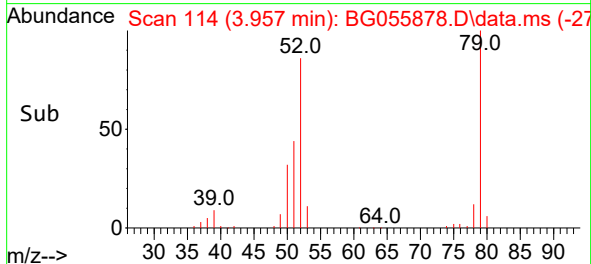
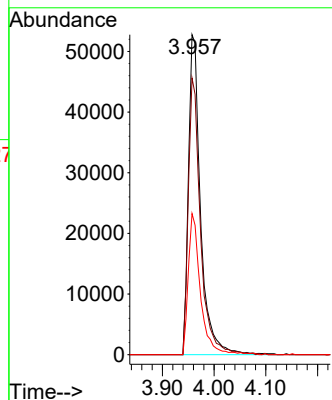
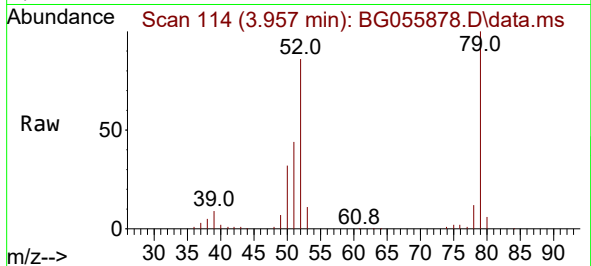




#3
 Pyridine
 Concen: 36.320 ng
 RT: 3.957 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: BG055878.D
 Acq: 2 Dec 2022 17:47

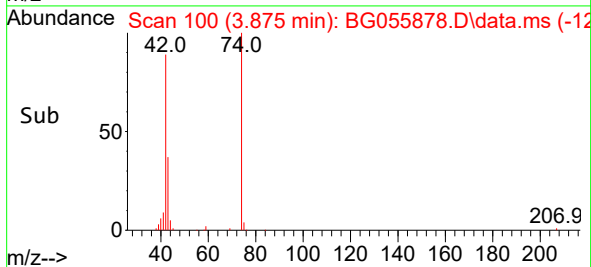
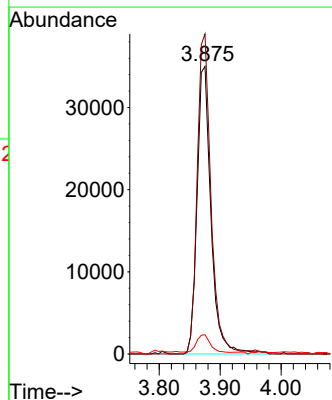
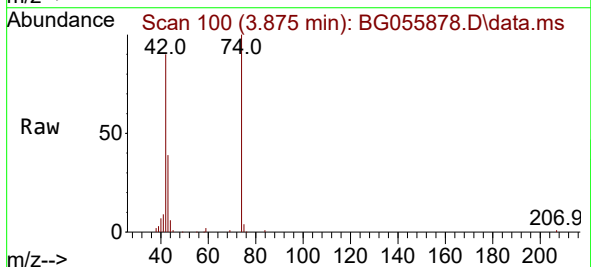
Instrument :
 BNA_G
 ClientSampleId :
 PE-5MS

Tgt Ion: 79 Resp: 86113
 Ion Ratio Lower Upper
 79 100
 52 86.5 68.9 103.3
 51 44.1 34.8 52.2



#4
 n-Nitrosodimethylamine
 Concen: 44.317 ng
 RT: 3.875 min Scan# 100
 Delta R.T. -0.012 min
 Lab File: BG055878.D
 Acq: 2 Dec 2022 17:47

Tgt Ion: 42 Resp: 55630
 Ion Ratio Lower Upper
 42 100
 74 111.3 84.7 127.1
 44 6.7 5.4 8.0

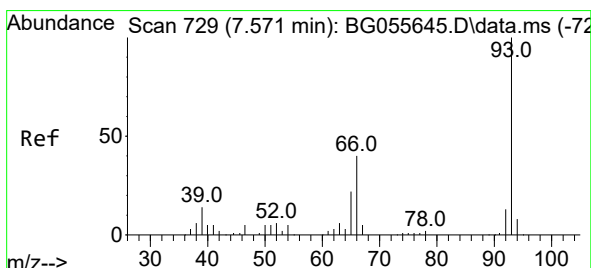
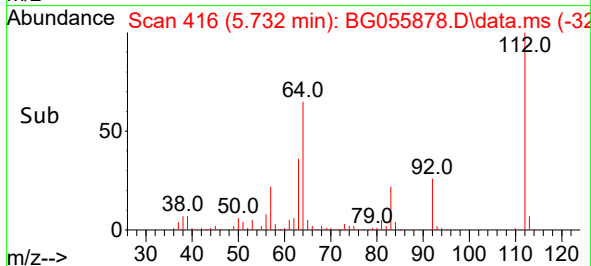
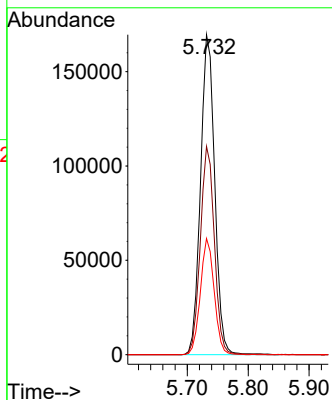
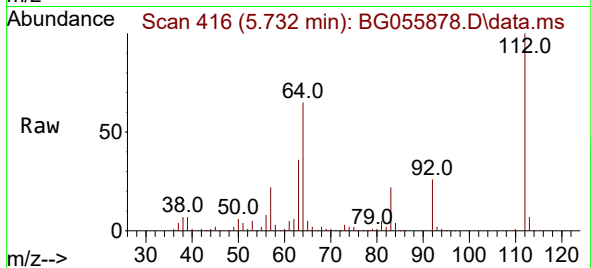




#5
2-Fluorophenol
Concen: 151.790 ng
RT: 5.732 min Scan# 41
Delta R.T. -0.006 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

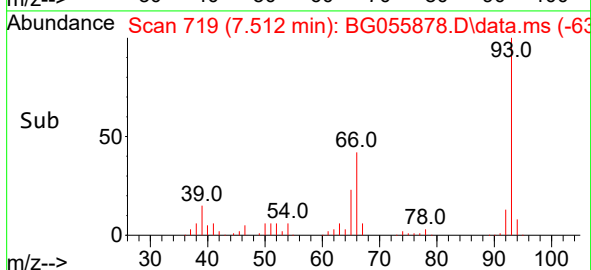
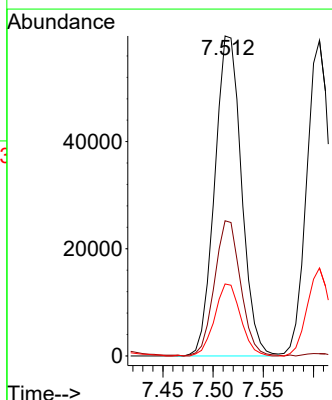
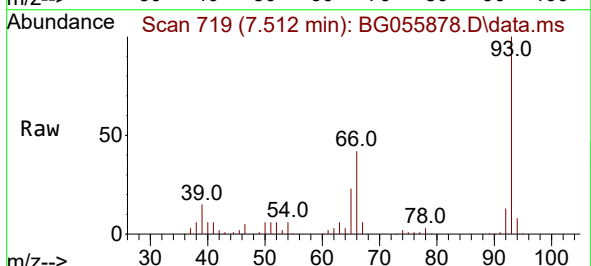
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ClientSampleId :
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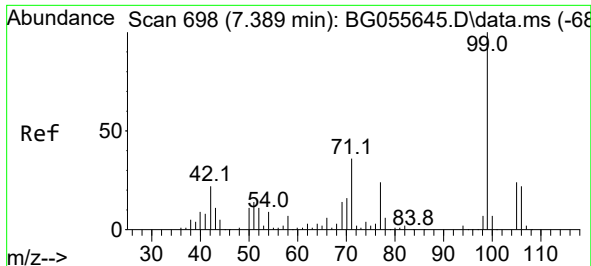
Tgt Ion:112 Resp: 274513
Ion Ratio Lower Upper
112 100
64 65.1 50.6 76.0
63 36.3 27.5 41.3



#6
Aniline
Concen: 36.580 ng
RT: 7.512 min Scan# 719
Delta R.T. -0.012 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

Tgt Ion: 93 Resp: 110611
Ion Ratio Lower Upper
93 100
66 42.2 31.7 47.5
65 22.5 17.9 26.9

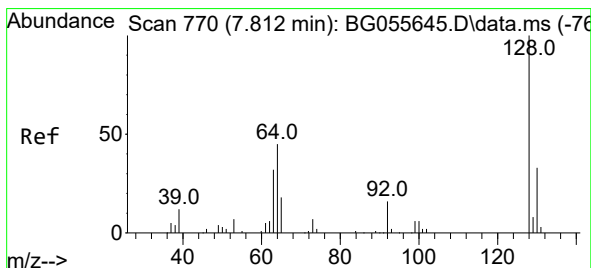
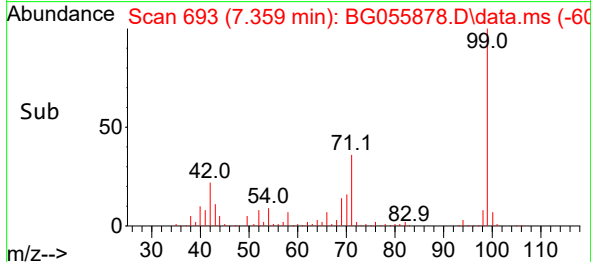
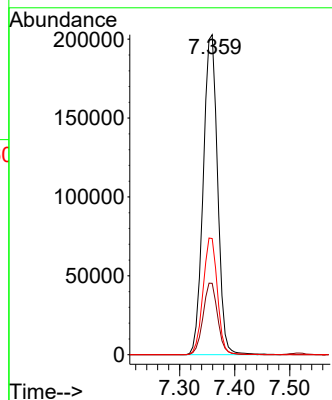
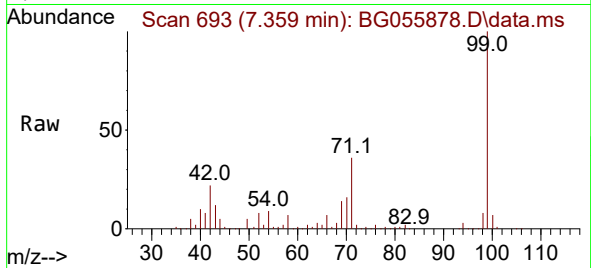




#7
Phenol-d6
Concen: 152.873 ng
RT: 7.359 min Scan# 693
Delta R.T. -0.000 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

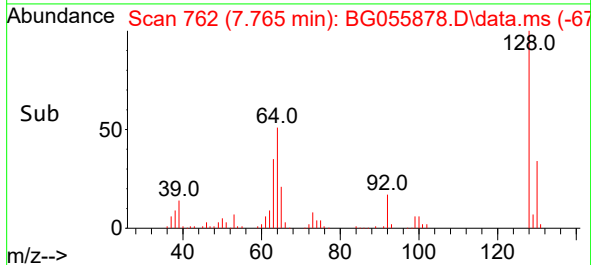
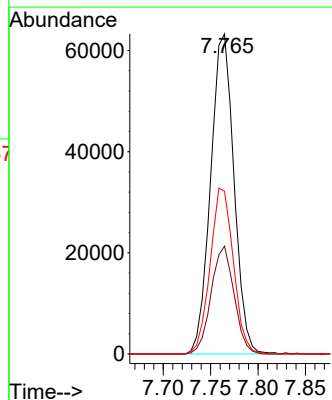
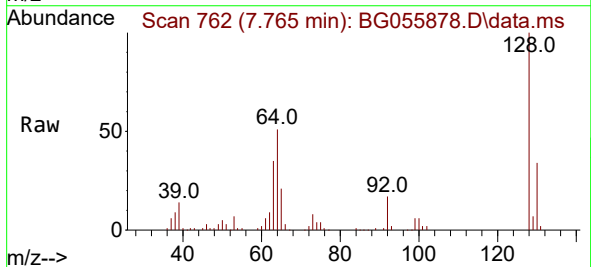
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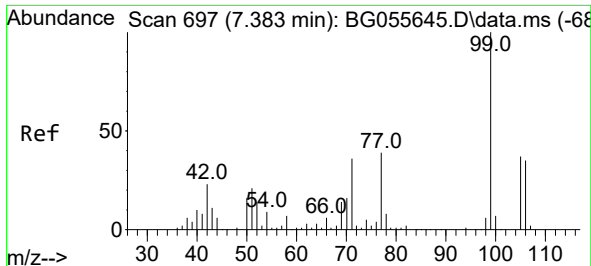
Tgt Ion: 99 Resp: 368027
Ion Ratio Lower Upper
99 100
42 22.3 18.0 27.0
71 36.3 29.0 43.6



#8
2-Chlorophenol
Concen: 52.424 ng
RT: 7.765 min Scan# 762
Delta R.T. -0.006 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

Tgt Ion:128 Resp: 108384
Ion Ratio Lower Upper
128 100
130 33.7 13.1 53.1
64 50.8 30.2 70.2

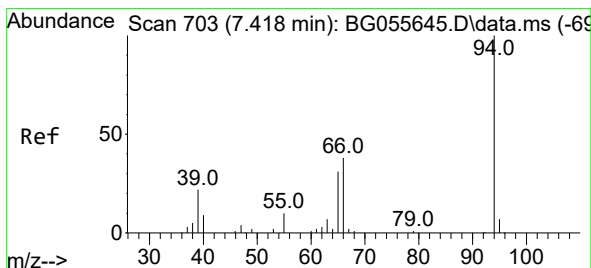
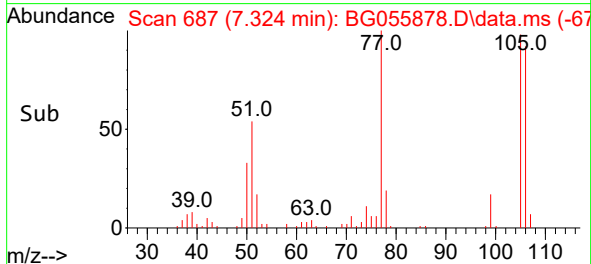
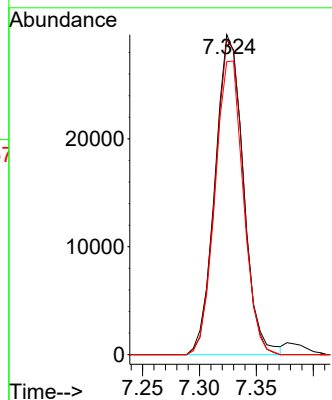
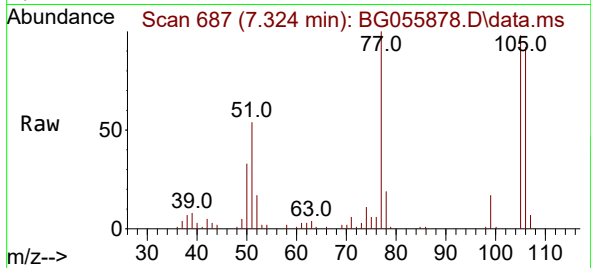




#9
Benzaldehyde
Concen: 31.414 ng
RT: 7.324 min Scan# 61
Delta R.T. -0.012 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

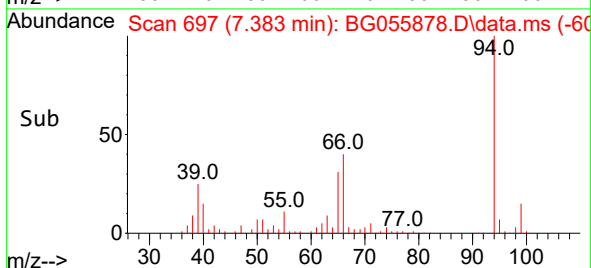
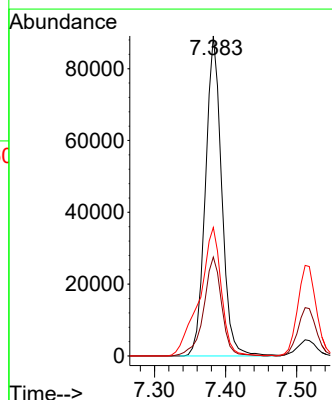
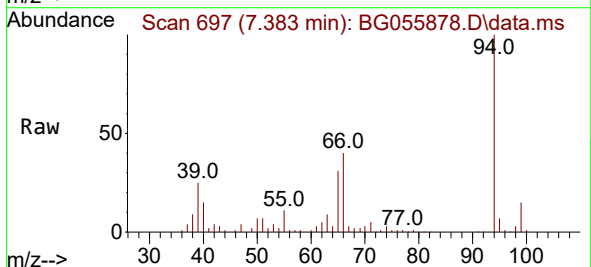
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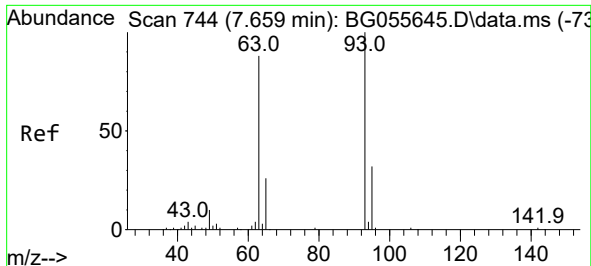
Tgt Ion: 77 Resp: 51360
Ion Ratio Lower Upper
77 100
105 98.4 76.3 116.3
106 91.6 69.8 109.8



#10
Phenol
Concen: 52.651 ng
RT: 7.383 min Scan# 697
Delta R.T. -0.006 min
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Tgt Ion: 94 Resp: 141923
Ion Ratio Lower Upper
94 100
65 30.9 11.8 51.8
66 40.1 20.5 60.5

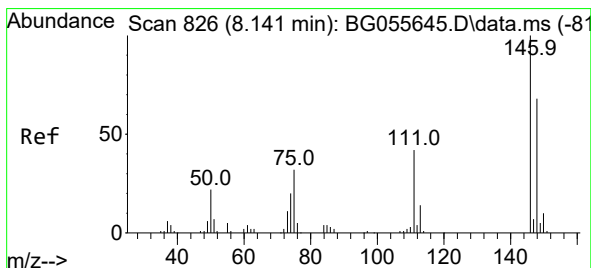
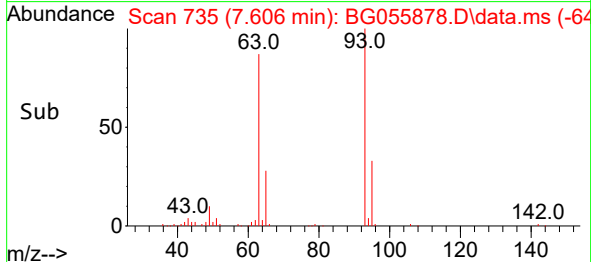
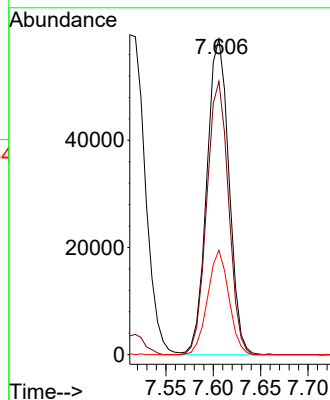
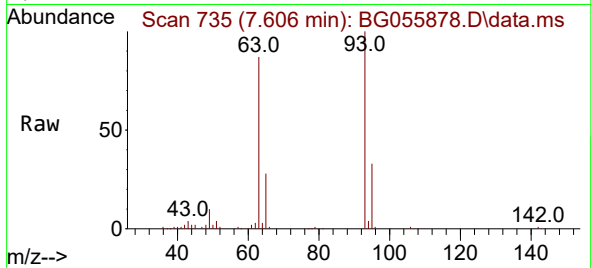




#11
bis(2-Chloroethyl)ether
Concen: 46.456 ng
RT: 7.606 min Scan# 71
Delta R.T. -0.006 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

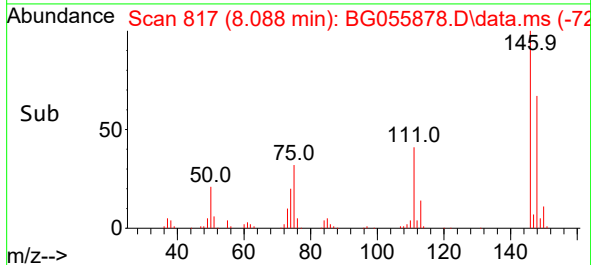
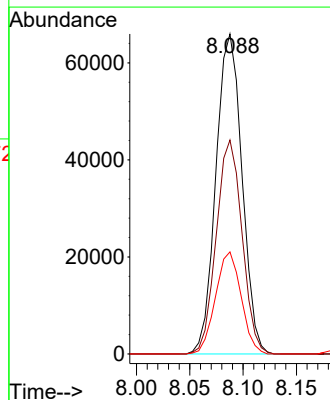
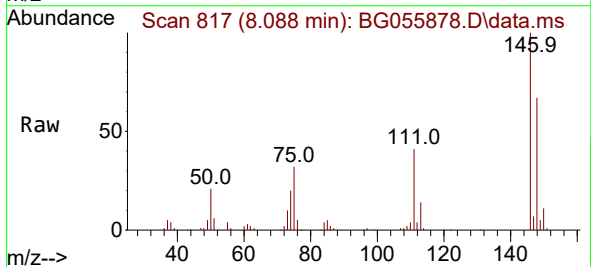
Instrument :
BNA_G
ClientSampleId :
PE-5MS

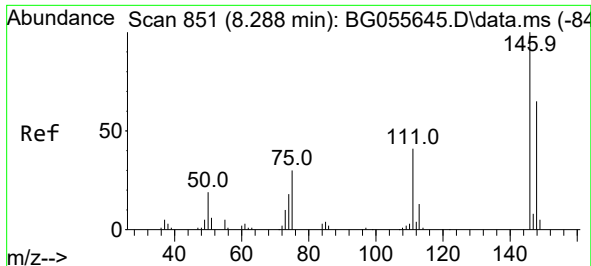
Tgt Ion: 93 Resp: 95966
Ion Ratio Lower Upper
93 100
63 86.6 67.6 107.6
95 33.1 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 46.150 ng
RT: 8.088 min Scan# 817
Delta R.T. -0.006 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

Tgt Ion: 146 Resp: 112178
Ion Ratio Lower Upper
146 100
148 66.9 54.6 81.8
75 31.9 25.8 38.6

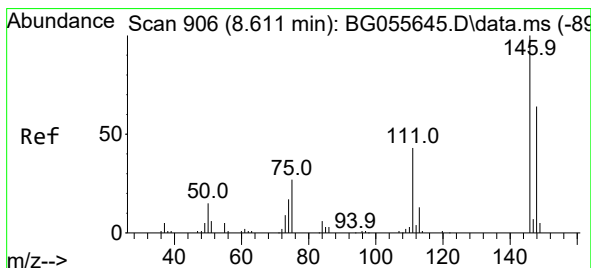
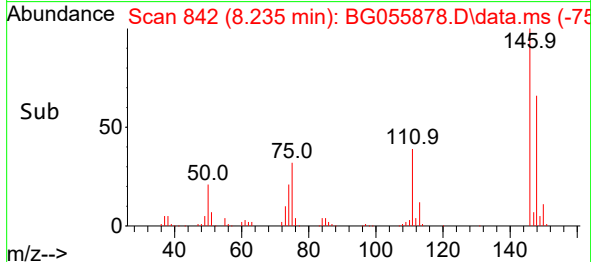
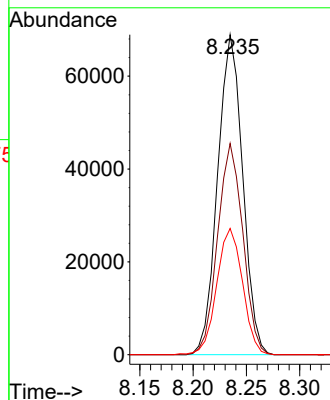
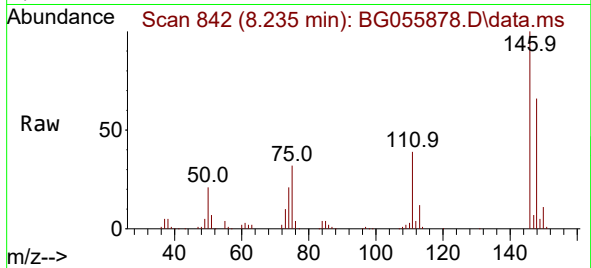




#13
1,4-Dichlorobenzene
Concen: 45.841 ng
RT: 8.235 min Scan# 84
Delta R.T. -0.012 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

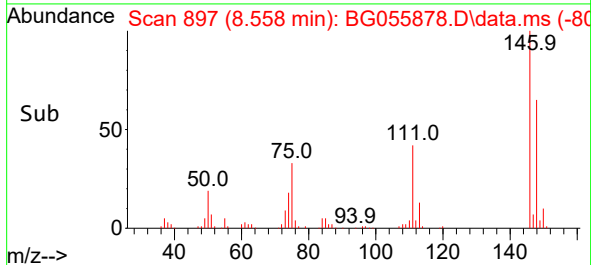
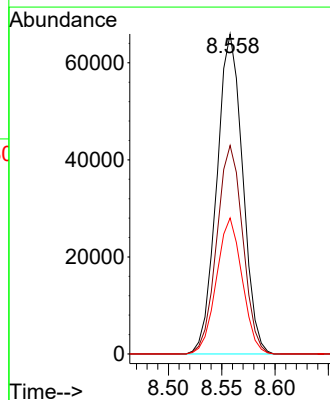
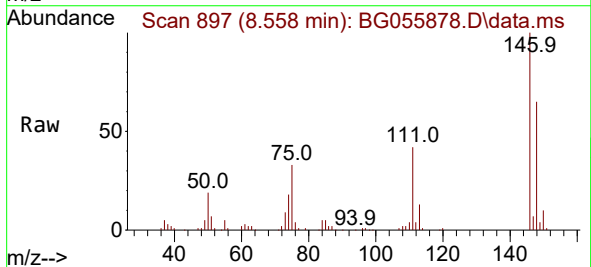
Instrument :
BNA_G
ClientSampleId :
PE-5MS

Tgt Ion:146 Resp: 112596
Ion Ratio Lower Upper
146 100
148 66.0 52.1 78.1
111 39.4 33.0 49.4



#14
1,2-Dichlorobenzene
Concen: 47.296 ng
RT: 8.558 min Scan# 897
Delta R.T. -0.006 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

Tgt Ion:146 Resp: 111323
Ion Ratio Lower Upper
146 100
148 65.2 50.9 76.3
111 42.5 34.5 51.7

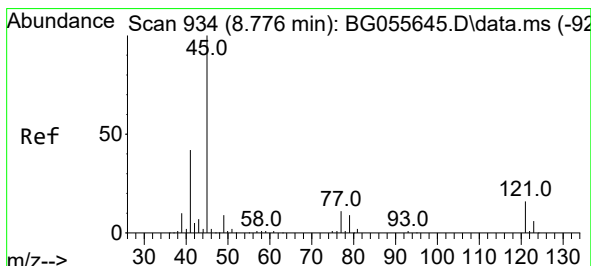
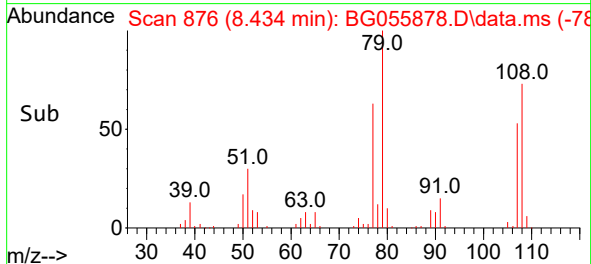
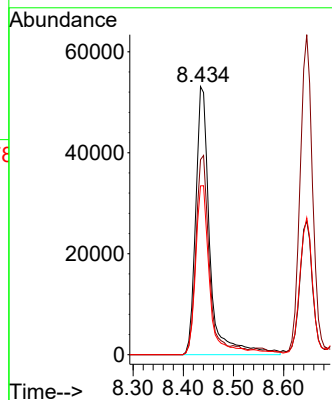
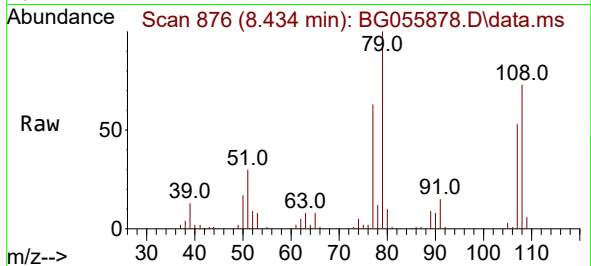




#15
Benzyl Alcohol
Concen: 53.120 ng
RT: 8.434 min Scan# 81
Delta R.T. -0.012 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

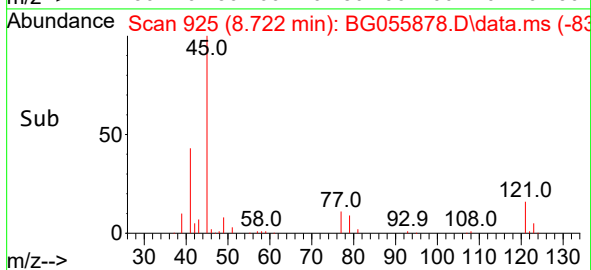
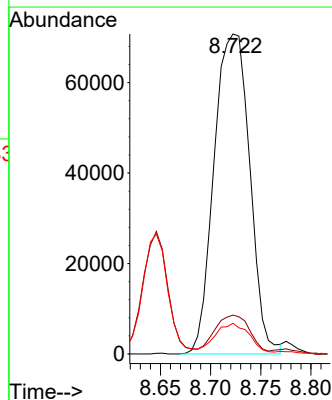
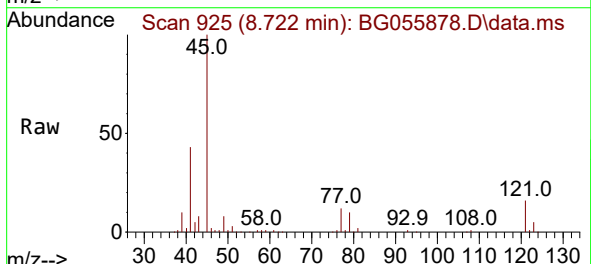
Instrument :
BNA_G
ClientSampleId :
PE-5MS

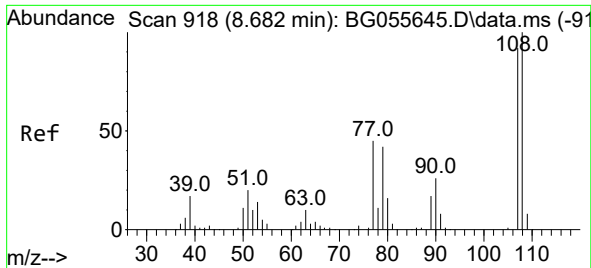
Tgt Ion: 79 Resp: 103930
Ion Ratio Lower Upper
79 100
108 72.7 62.6 93.8
77 63.0 52.4 78.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.798 ng
RT: 8.722 min Scan# 925
Delta R.T. -0.006 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

Tgt Ion: 45 Resp: 175005
Ion Ratio Lower Upper
45 100
77 12.1 0.0 31.7
79 9.6 0.0 29.5





#17

2-Methylphenol

Concen: 51.016 ng

RT: 8.646 min Scan# 91

Delta R.T. -0.006 min

Lab File: BG055878.D

Acq: 2 Dec 2022 17:47

Instrument :

BNA_G

ClientSampleId :

PE-5MS

Tgt Ion:107 Resp: 97632

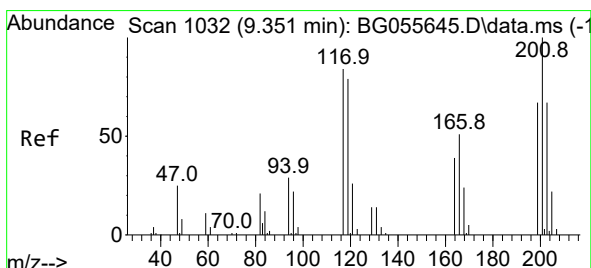
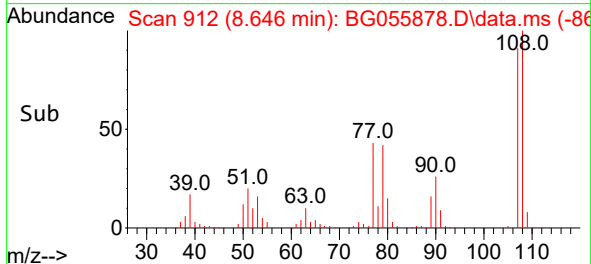
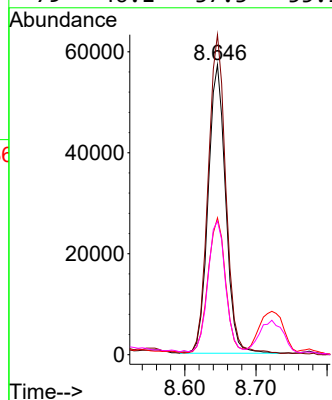
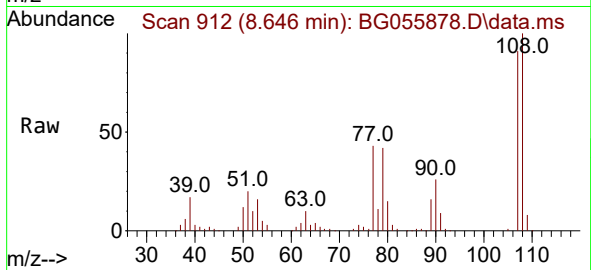
Ion Ratio Lower Upper

107 100

108 110.3 87.3 130.9

77 47.2 39.4 59.0

79 46.1 37.3 55.9



#18

Hexachloroethane

Concen: 46.804 ng

RT: 9.292 min Scan# 1022

Delta R.T. -0.006 min

Lab File: BG055878.D

Acq: 2 Dec 2022 17:47

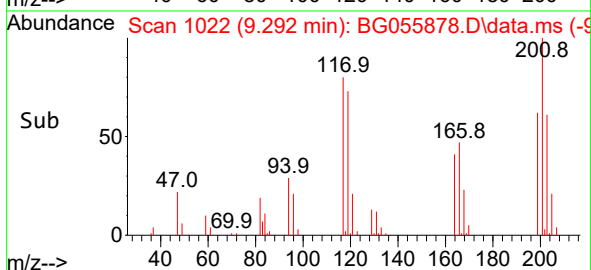
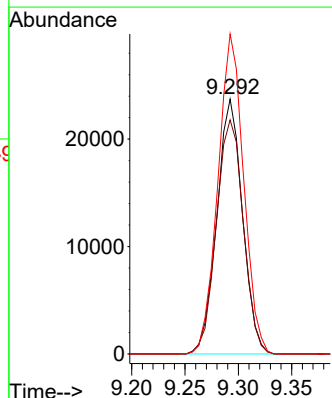
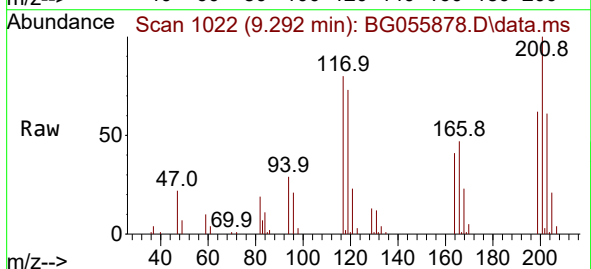
Tgt Ion:117 Resp: 39568

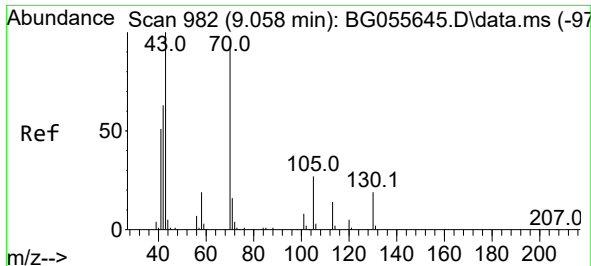
Ion Ratio Lower Upper

117 100

119 91.9 76.0 114.0

201 125.6 98.6 148.0

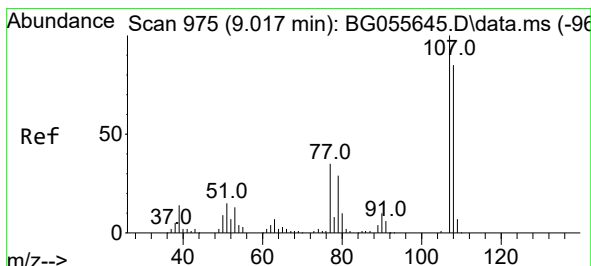
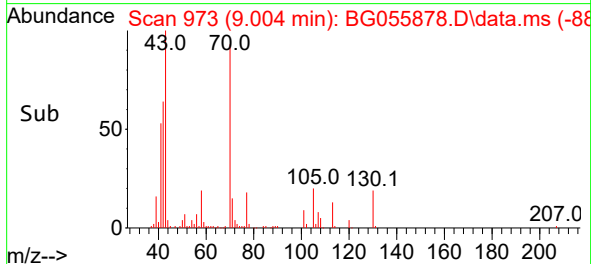
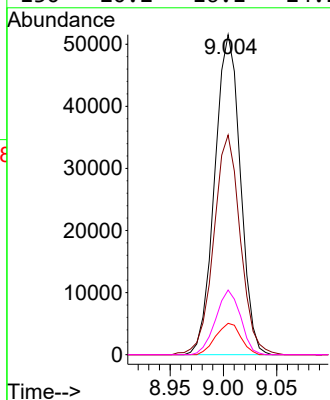
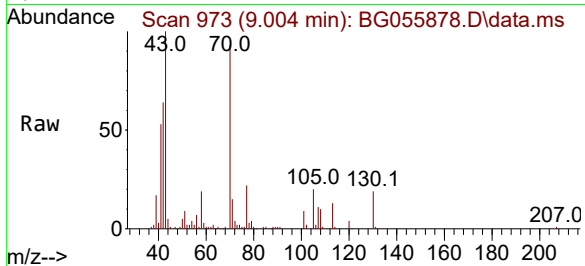




#19
n-Nitroso-di-n-propylamine
Concen: 46.550 ng
RT: 9.004 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

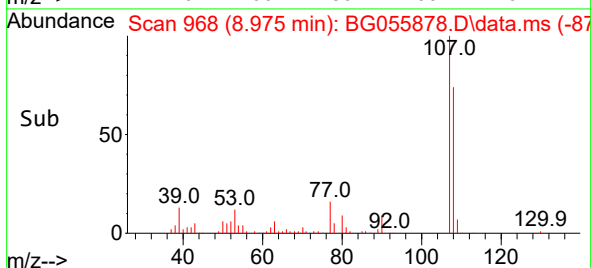
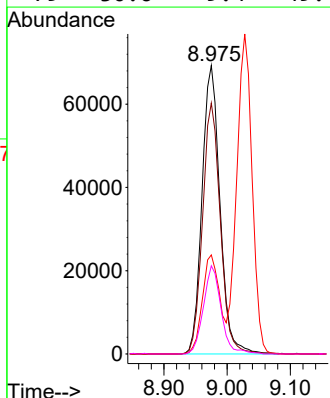
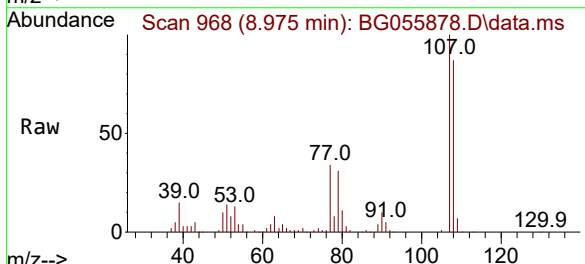
Instrument :
BNA_G
ClientSampleId :
PE-5MS

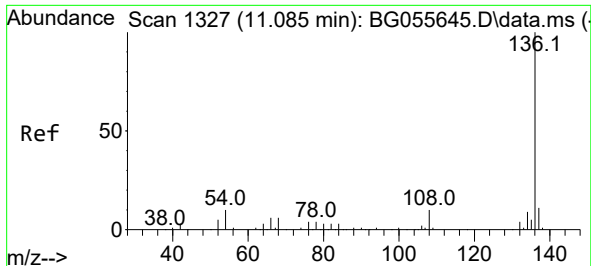
Tgt Ion:	70	Resp:	86104
Ion	Ratio	Lower	Upper
70	100		
42	68.7	55.2	82.8
101	9.8	7.1	10.7
130	20.2	16.1	24.1



#20
3+4-Methylphenols
Concen: 50.972 ng
RT: 8.975 min Scan# 968
Delta R.T. -0.006 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

Tgt Ion:	107	Resp:	136267
Ion	Ratio	Lower	Upper
107	100		
108	87.0	65.5	105.5
77	34.3	14.6	54.6
79	30.6	9.4	49.4

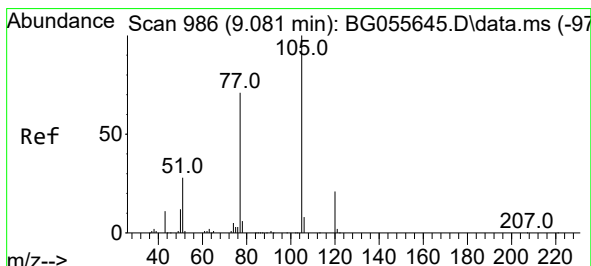
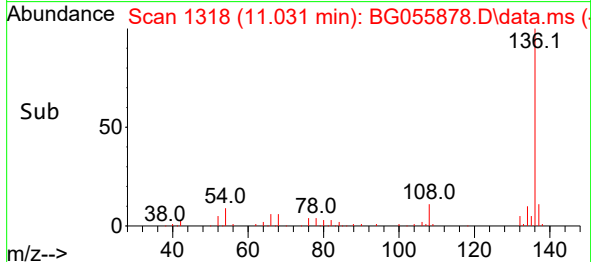
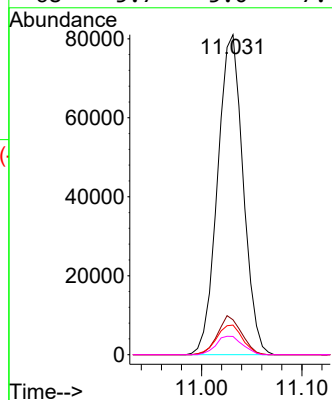
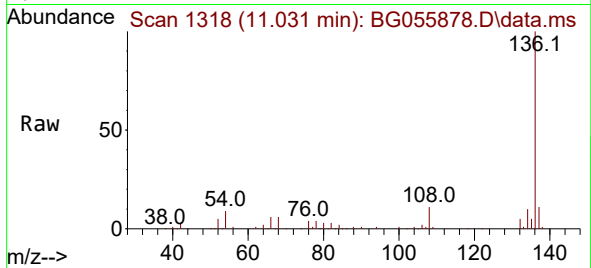




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.031 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

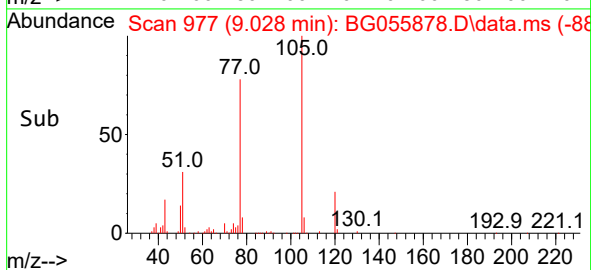
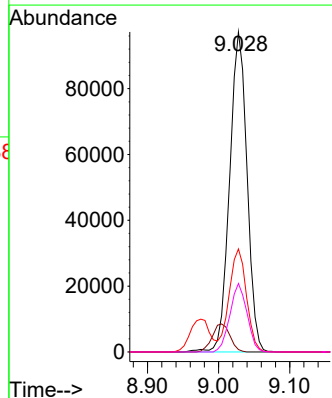
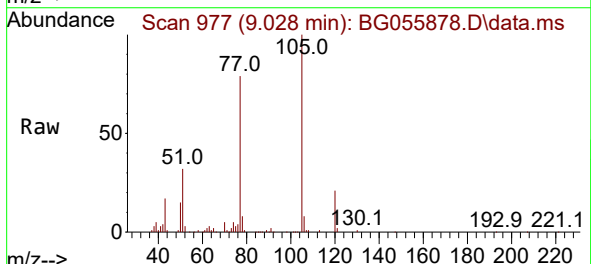
Instrument :
BNA_G
ClientSampleId :
PE-5MS

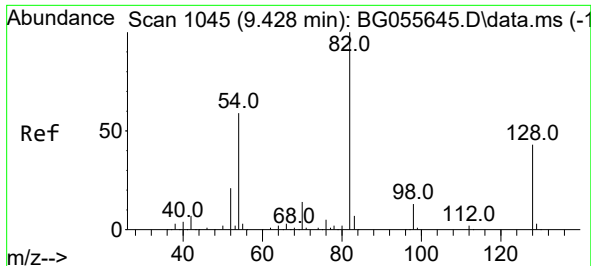
Tgt Ion:136 Resp: 143068
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 9.3 7.8 11.6
68 5.7 5.0 7.4



#22
Acetophenone
Concen: 44.629 ng
RT: 9.028 min Scan# 977
Delta R.T. -0.006 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

Tgt Ion:105 Resp: 165913
Ion Ratio Lower Upper
105 100
71 0.7 0.6 1.0
51 32.2 24.5 36.7
120 21.4 16.6 25.0





#23

Nitrobenzene-d5

Concen: 83.233 ng

RT: 9.374 min Scan# 1036

Delta R.T. -0.012 min

Lab File: BG055878.D

Acq: 2 Dec 2022 17:47

Instrument :

BNA_G

ClientSampleId :

PE-5MS

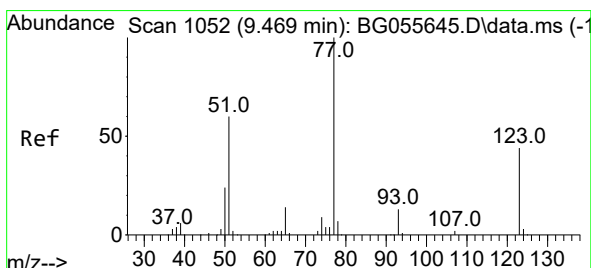
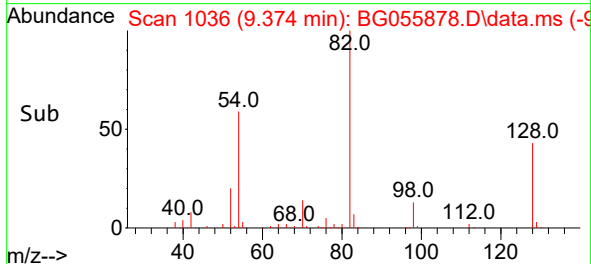
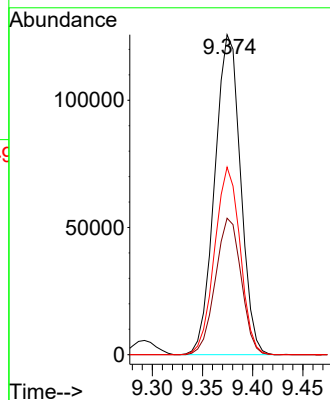
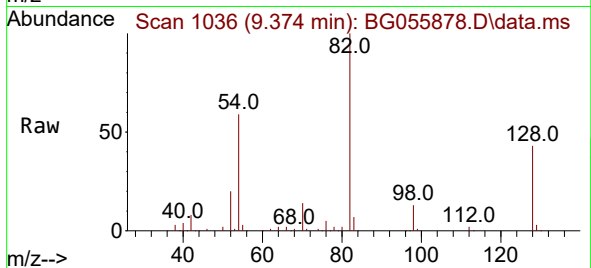
Tgt Ion: 82 Resp: 225297

Ion Ratio Lower Upper

82 100

128 42.7 34.1 51.1

54 58.6 47.3 70.9



#24

Nitrobenzene

Concen: 44.753 ng

RT: 9.416 min Scan# 1043

Delta R.T. -0.012 min

Lab File: BG055878.D

Acq: 2 Dec 2022 17:47

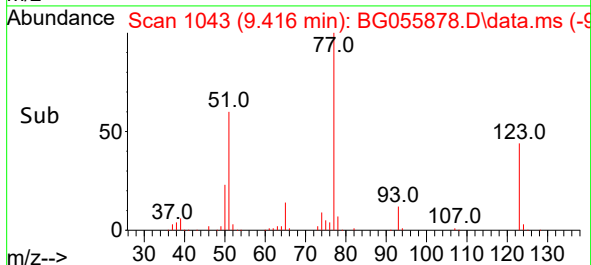
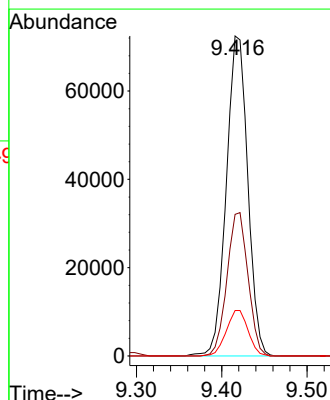
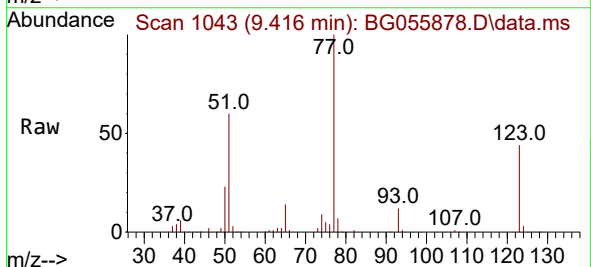
Tgt Ion: 77 Resp: 126532

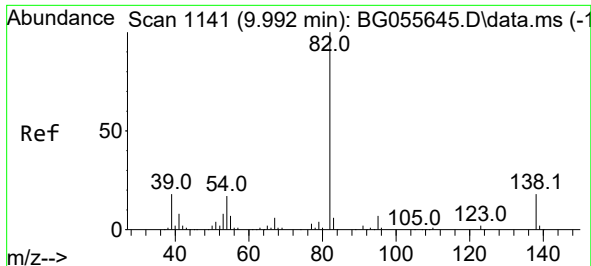
Ion Ratio Lower Upper

77 100

123 44.2 35.5 53.3

65 14.2 11.5 17.3

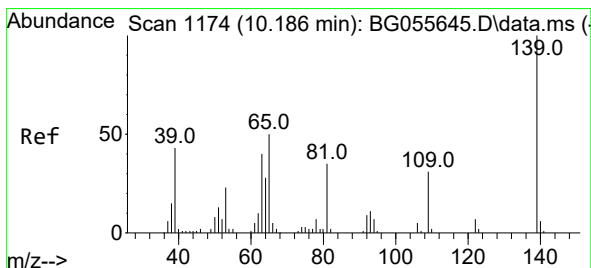
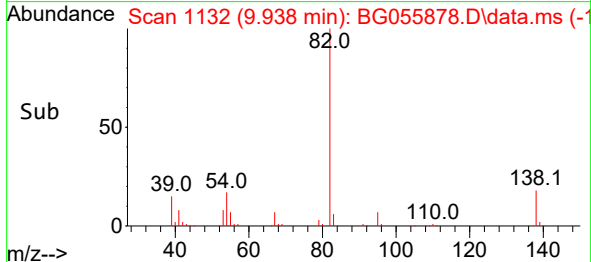
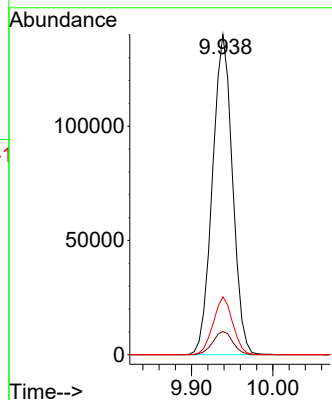
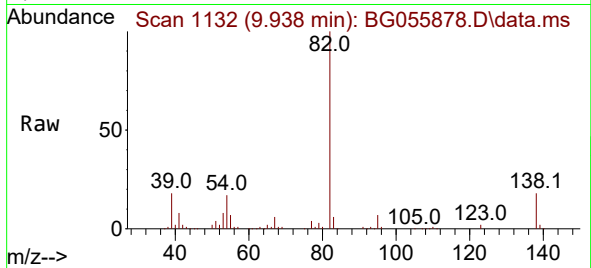




#25
Isophorone
Concen: 46.764 ng
RT: 9.938 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

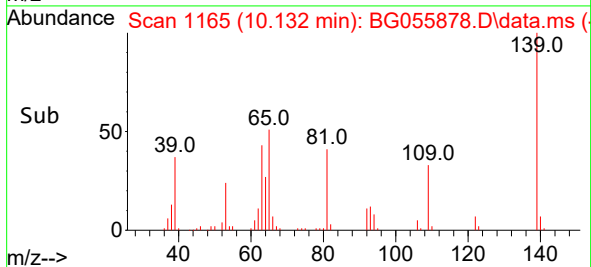
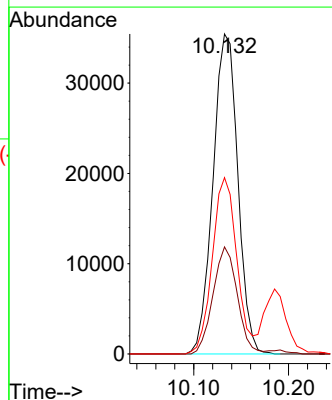
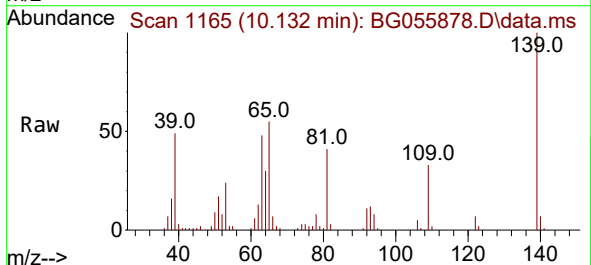
Instrument :
BNA_G
ClientSampleId :
PE-5MS

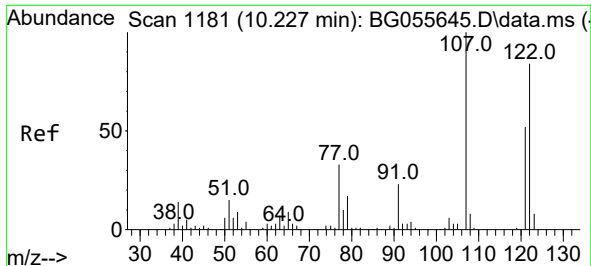
Tgt Ion: 82 Resp: 239837
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 18.1 14.2 21.4



#26
2-Nitrophenol
Concen: 49.428 ng
RT: 10.132 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

Tgt Ion:139 Resp: 64513
Ion Ratio Lower Upper
139 100
109 33.4 24.4 36.6
65 55.1 40.2 60.2





#27

2,4-Dimethylphenol

Concen: 54.594 ng

RT: 10.185 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BG055878.D

Acq: 2 Dec 2022 17:47

Instrument :

BNA_G

ClientSampleId :

PE-5MS

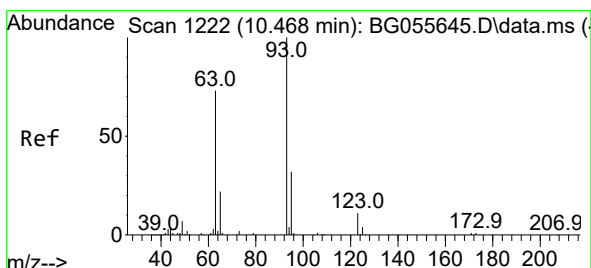
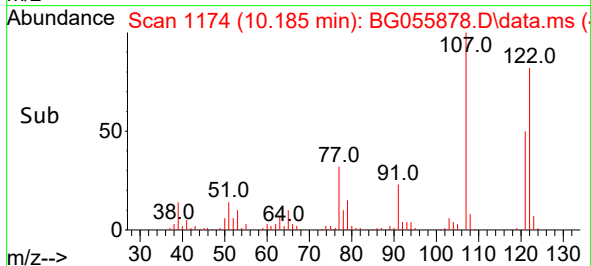
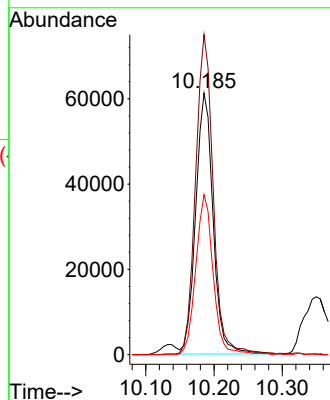
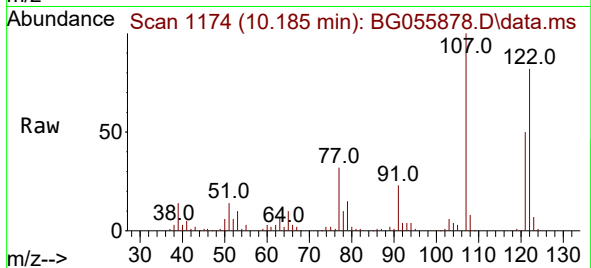
Tgt Ion:122 Resp: 108447

Ion Ratio Lower Upper

122 100

107 122.4 95.8 143.6

121 61.2 49.6 74.4



#28

bis(2-Chloroethoxy)methane

Concen: 50.506 ng

RT: 10.414 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BG055878.D

Acq: 2 Dec 2022 17:47

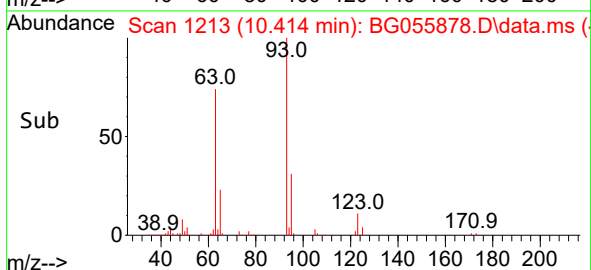
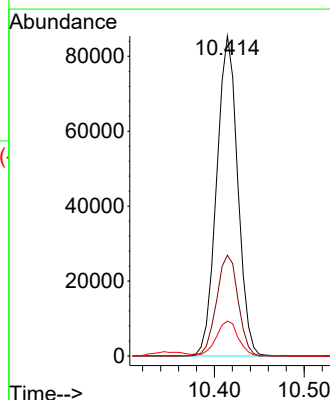
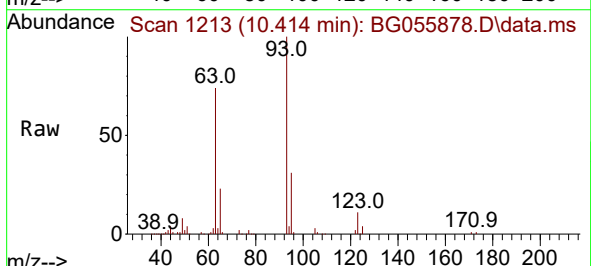
Tgt Ion: 93 Resp: 139060

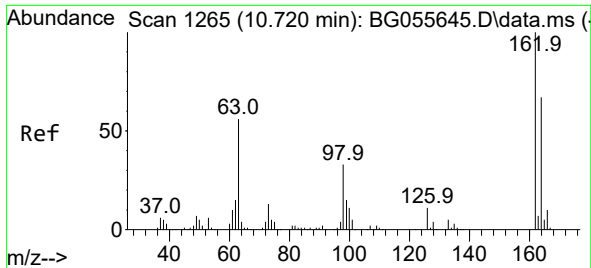
Ion Ratio Lower Upper

93 100

95 31.5 25.7 38.5

123 10.9 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 49.390 ng

RT: 10.679 min Scan# 11

Delta R.T. -0.006 min

Lab File: BG055878.D

Acq: 2 Dec 2022 17:47

Instrument :

BNA_G

ClientSampleId :

PE-5MS

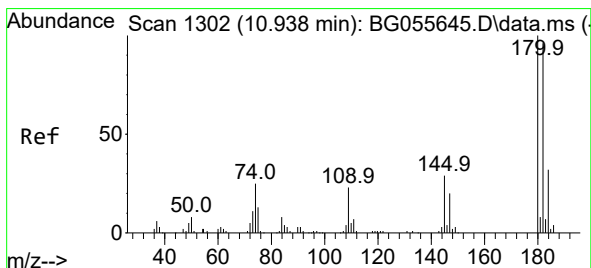
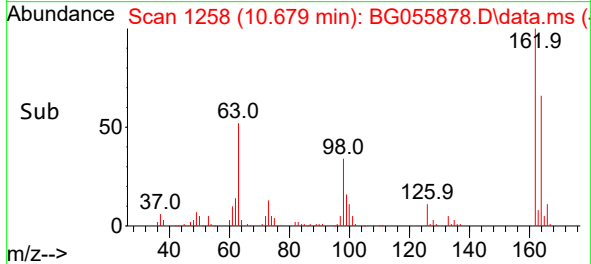
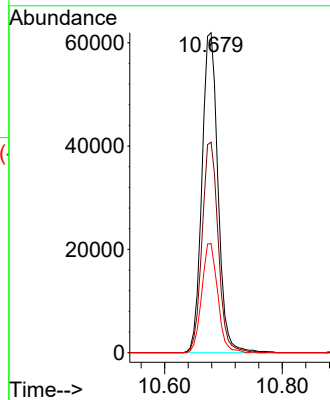
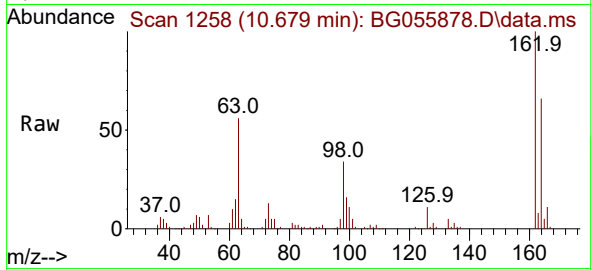
Tgt Ion:162 Resp: 117431

Ion Ratio Lower Upper

162 100

164 65.8 46.7 86.7

98 34.1 12.8 52.8



#30

1,2,4-Trichlorobenzene

Concen: 44.048 ng

RT: 10.884 min Scan# 1293

Delta R.T. -0.012 min

Lab File: BG055878.D

Acq: 2 Dec 2022 17:47

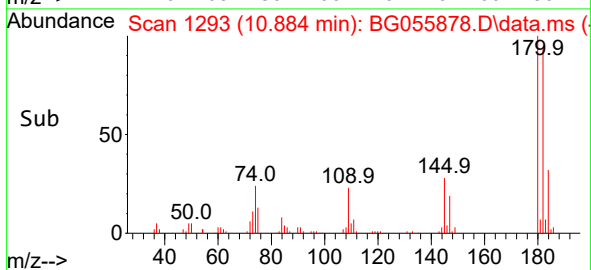
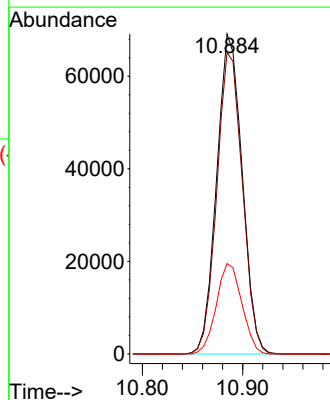
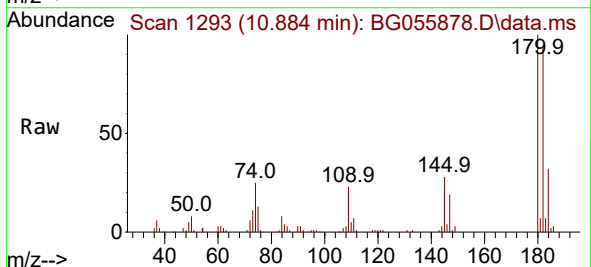
Tgt Ion:180 Resp: 121673

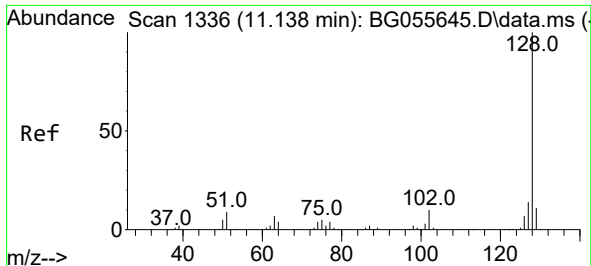
Ion Ratio Lower Upper

180 100

182 94.2 77.1 115.7

145 28.2 22.9 34.3

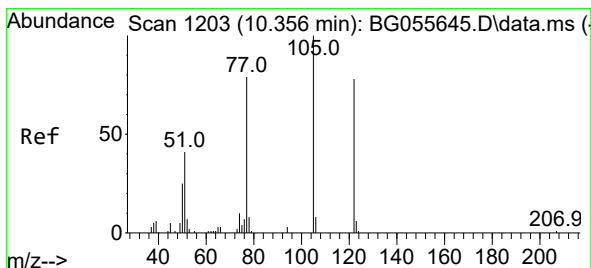
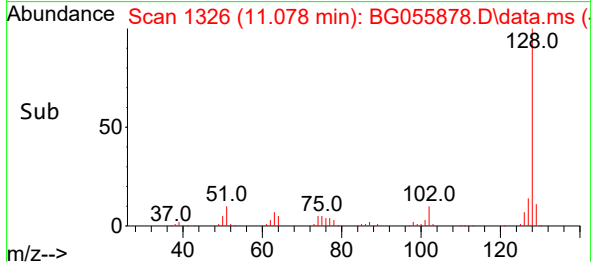
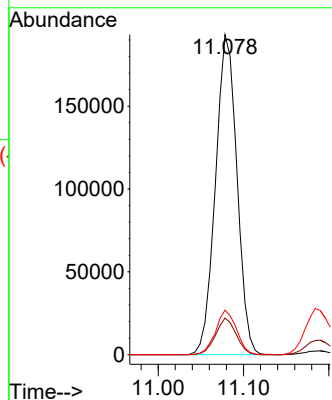
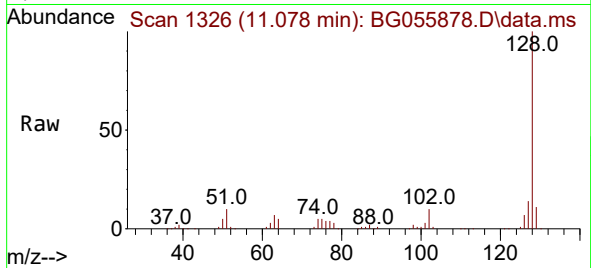




#31
Naphthalene
Concen: 43.717 ng
RT: 11.078 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

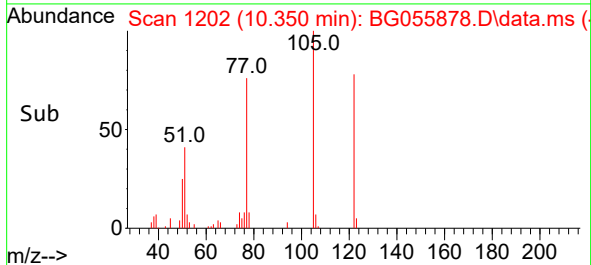
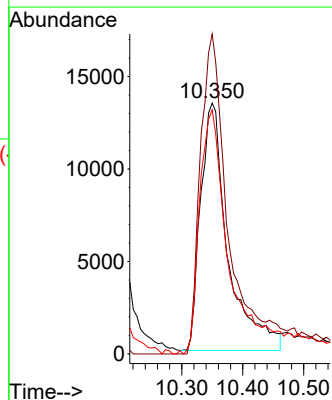
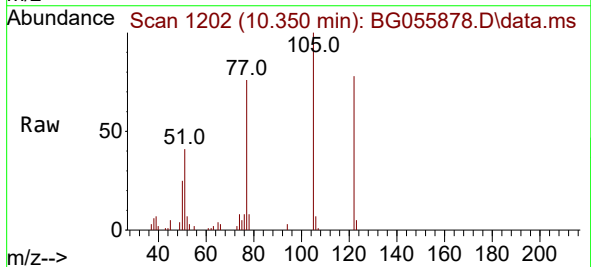
Instrument :
BNA_G
ClientSampleId :
PE-5MS

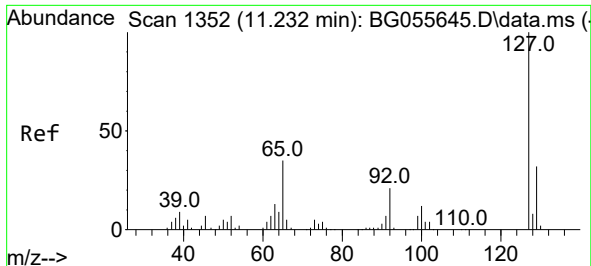
Tgt Ion:128 Resp: 338113
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 13.9 10.9 16.3



#32
Benzoic acid
Concen: 25.586 ng
RT: 10.350 min Scan# 1202
Delta R.T. 0.017 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

Tgt Ion:122 Resp: 41816
Ion Ratio Lower Upper
122 100
105 127.5 104.3 144.3
77 97.3 79.9 119.9

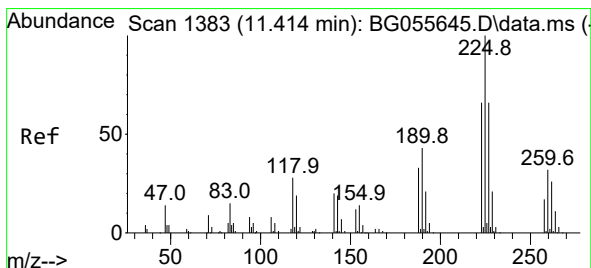
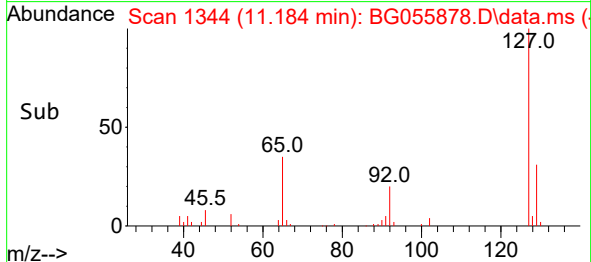
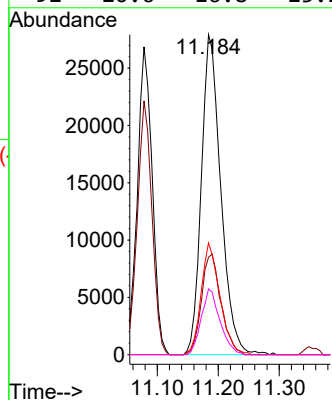
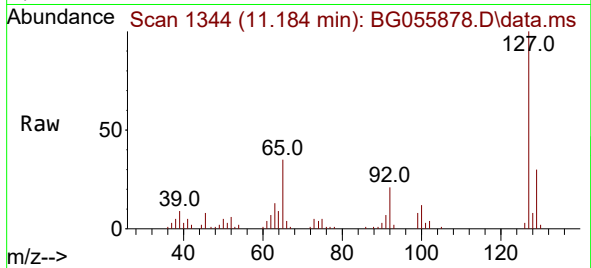




#33
4-Chloroaniline
Concen: 19.421 ng
RT: 11.184 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

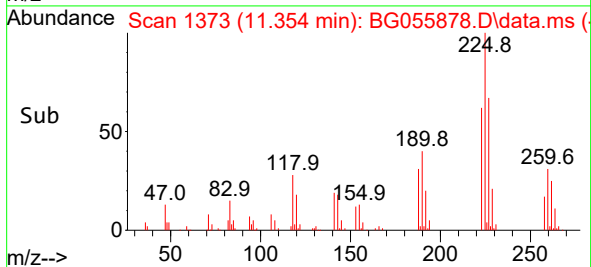
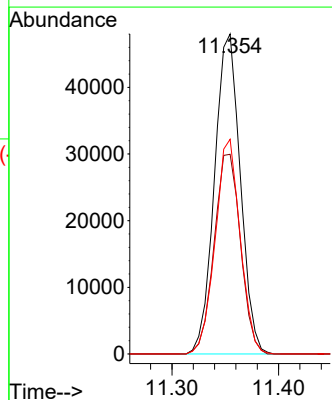
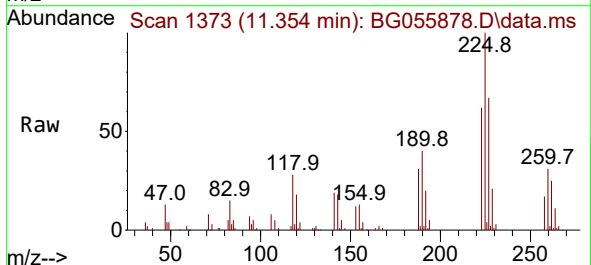
Instrument :
BNA_G
ClientSampleId :
PE-5MS

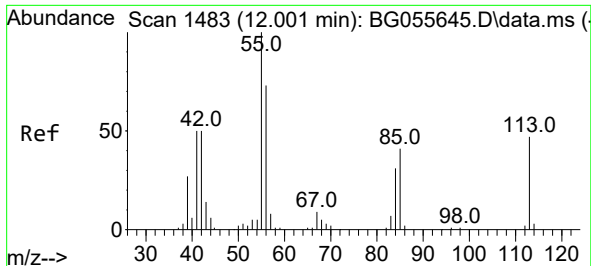
Tgt Ion:	127	Resp:	61960
Ion	Ratio	Lower	Upper
127	100		
129	30.4	25.9	38.9
65	35.0	27.9	41.9
92	20.6	16.8	25.2



#34
Hexachlorobutadiene
Concen: 42.724 ng
RT: 11.354 min Scan# 1373
Delta R.T. -0.006 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

Tgt Ion:	225	Resp:	80585
Ion	Ratio	Lower	Upper
225	100		
223	62.4	52.9	79.3
227	67.1	52.6	79.0

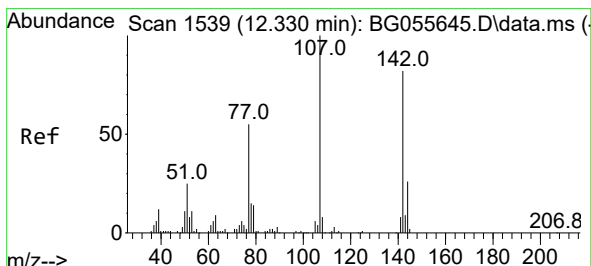
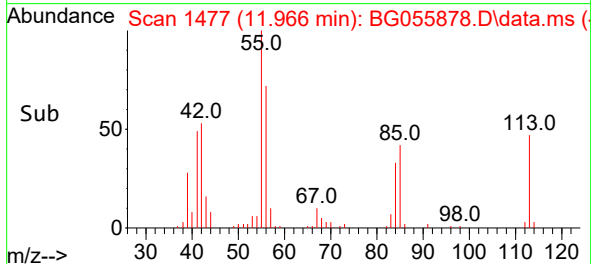
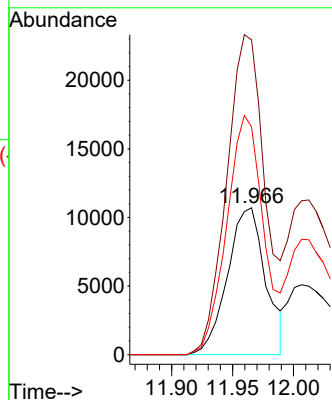
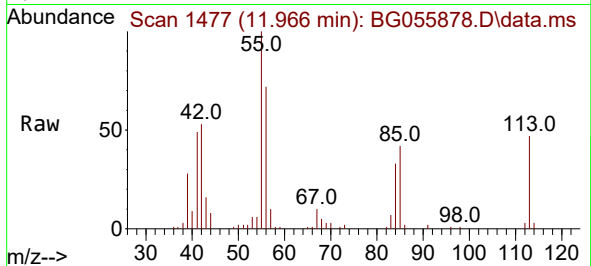




#35
 Caprolactam
 Concen: 28.294 ng
 RT: 11.966 min Scan# 1483
 Delta R.T. -0.006 min
 Lab File: BG055878.D
 Acq: 2 Dec 2022 17:47

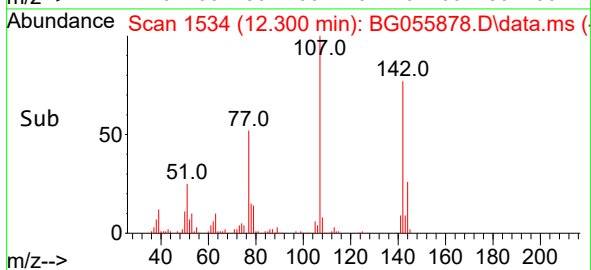
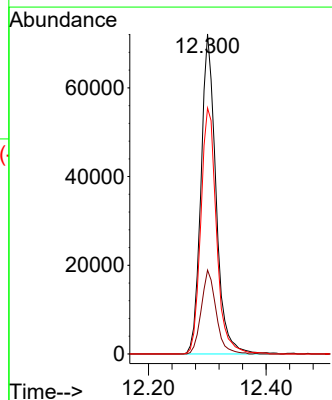
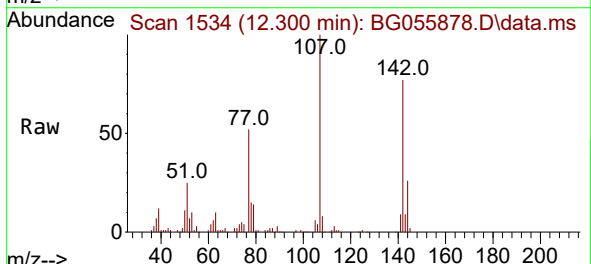
Instrument :
 BNA_G
 ClientSampleId :
 PE-5MS

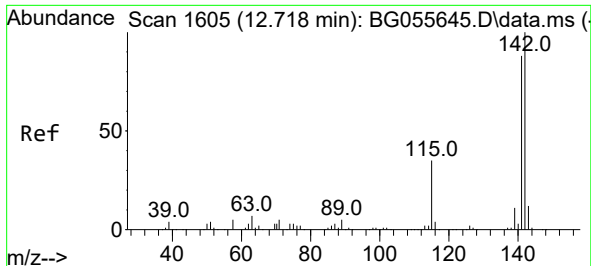
Tgt Ion:113 Resp: 23280
 Ion Ratio Lower Upper
 113 100
 55 214.5 193.5 233.5
 56 155.2 135.2 175.2



#36
 4-Chloro-3-methylphenol
 Concen: 48.891 ng
 RT: 12.300 min Scan# 1534
 Delta R.T. -0.006 min
 Lab File: BG055878.D
 Acq: 2 Dec 2022 17:47

Tgt Ion:107 Resp: 127764
 Ion Ratio Lower Upper
 107 100
 144 26.2 21.0 31.4
 142 76.8 65.9 98.9

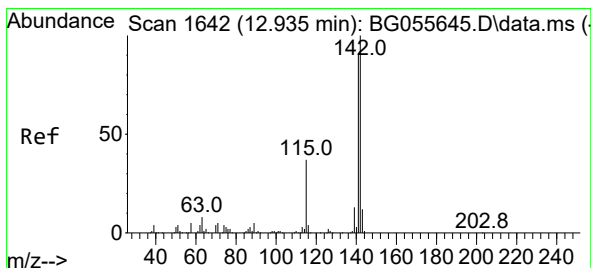
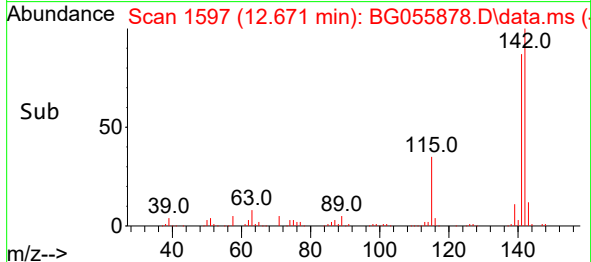
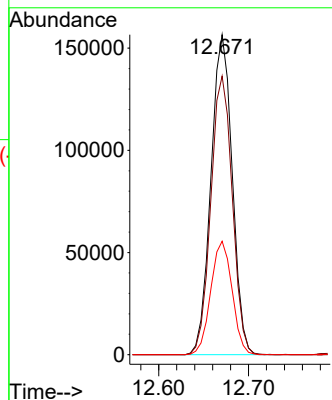
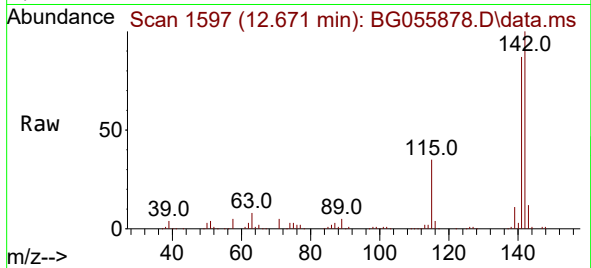




#37
2-Methylnaphthalene
Concen: 44.547 ng
RT: 12.671 min Scan# 1597
Delta R.T. -0.012 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

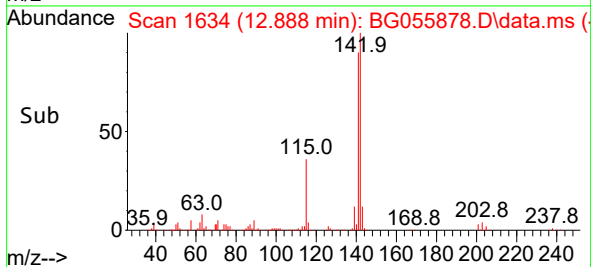
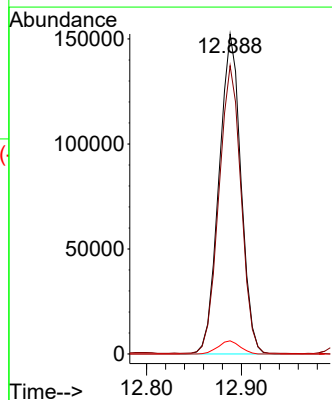
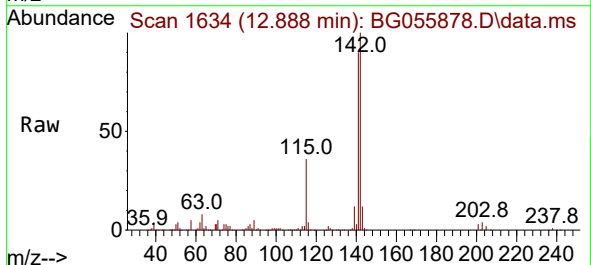
Instrument :
BNA_G
ClientSampleId :
PE-5MS

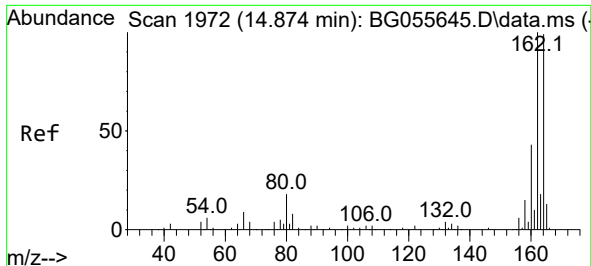
Tgt Ion:142 Resp: 257964
Ion Ratio Lower Upper
142 100
141 87.0 70.3 105.5
115 35.4 27.9 41.9



#38
1-Methylnaphthalene
Concen: 43.561 ng
RT: 12.888 min Scan# 1634
Delta R.T. -0.006 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

Tgt Ion:142 Resp: 244885
Ion Ratio Lower Upper
142 100
141 90.1 73.0 109.4
116 4.1 3.1 4.7

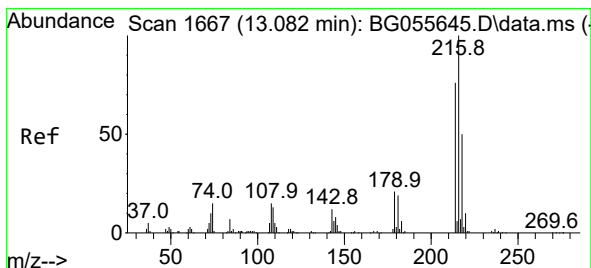
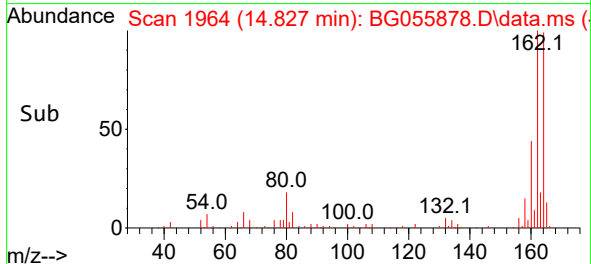
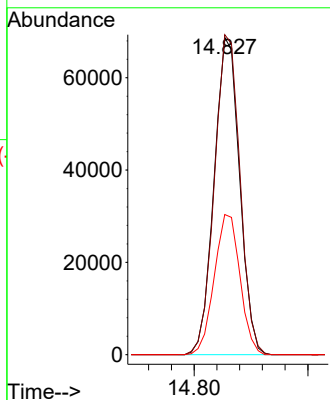
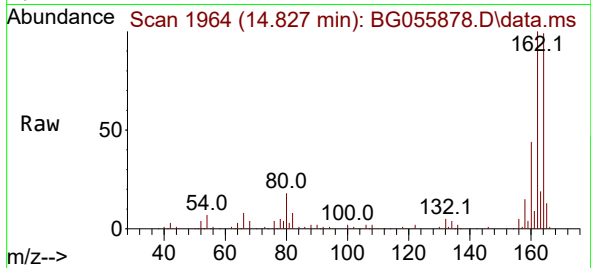




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.827 min Scan# 1659
Delta R.T. -0.012 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

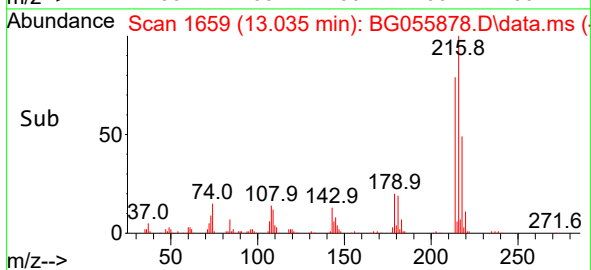
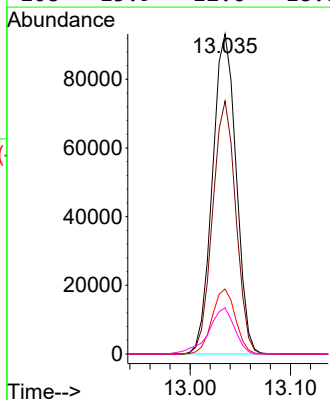
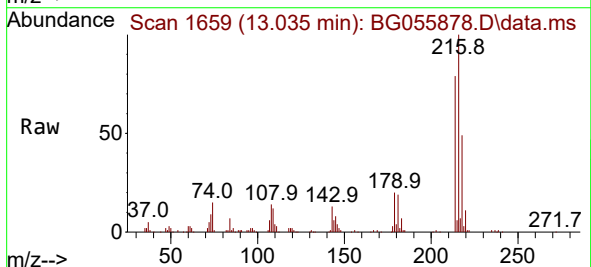
Instrument :
BNA_G
ClientSampleId :
PE-5MS

Tgt Ion:164 Resp: 106756
Ion Ratio Lower Upper
164 100
162 100.8 81.1 121.7
160 44.2 34.8 52.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.523 ng
RT: 13.035 min Scan# 1659
Delta R.T. -0.006 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

Tgt Ion:216 Resp: 152724
Ion Ratio Lower Upper
216 100
214 77.3 62.1 93.1
179 19.9 16.5 24.7
108 15.9 12.6 18.8

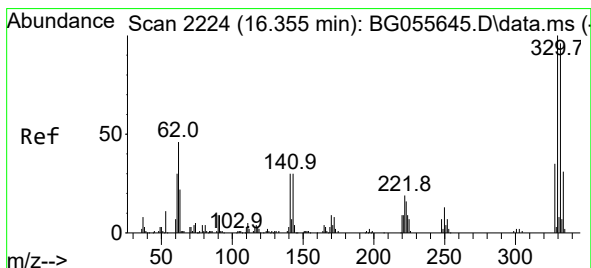
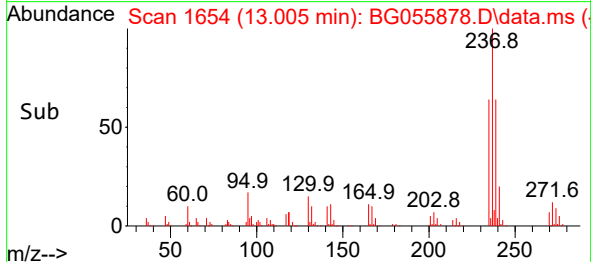
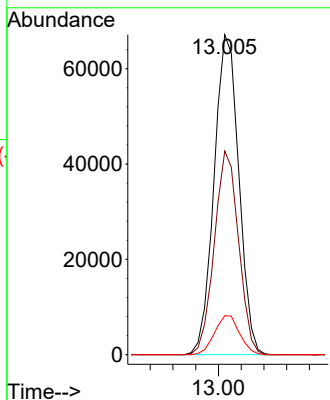
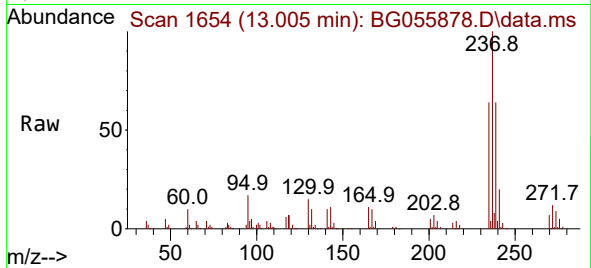




#41
Hexachlorocyclopentadiene
Concen: 60.005 ng
RT: 13.005 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

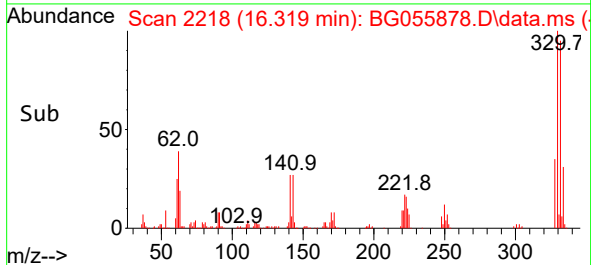
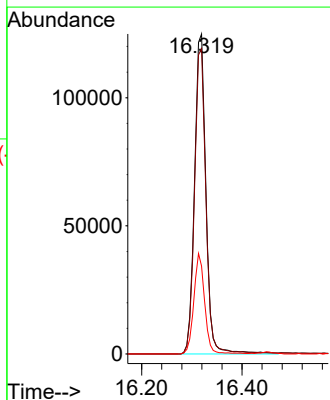
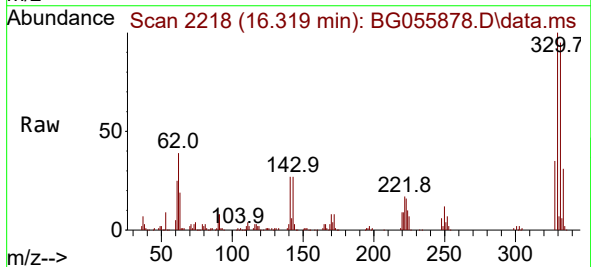
Instrument :
BNA_G
ClientSampleId :
PE-5MS

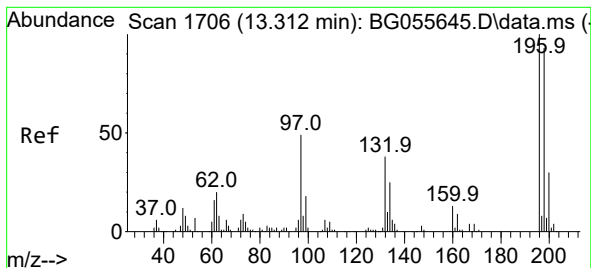
Tgt Ion:237 Resp: 101461
Ion Ratio Lower Upper
237 100
235 63.7 43.7 83.7
272 12.2 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 131.153 ng
RT: 16.319 min Scan# 2218
Delta R.T. -0.006 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

Tgt Ion:330 Resp: 197157
Ion Ratio Lower Upper
330 100
332 95.3 77.8 116.8
141 29.7 23.9 35.9





#43

2,4,6-Trichlorophenol

Concen: 43.650 ng

RT: 13.270 min Scan# 1

Delta R.T. -0.012 min

Lab File: BG055878.D

Acq: 2 Dec 2022 17:47

Instrument :

BNA_G

ClientSampleId :

PE-5MS

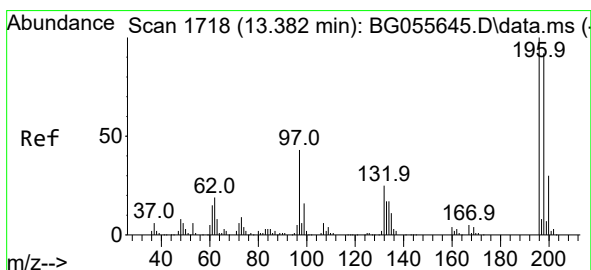
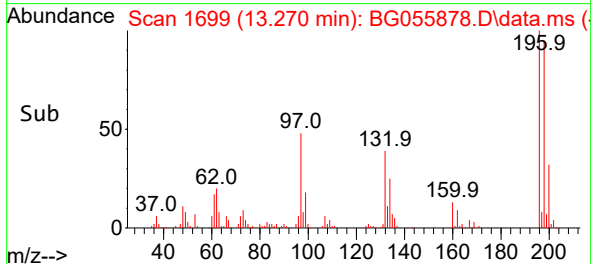
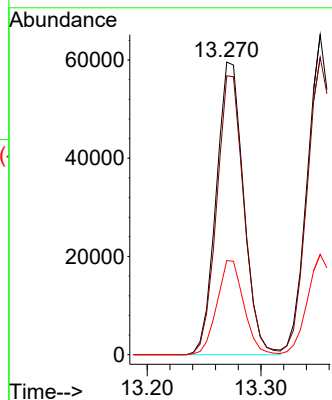
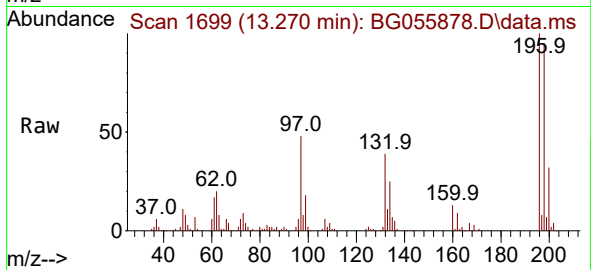
Tgt Ion:196 Resp: 99892

Ion Ratio Lower Upper

196 100

198 95.3 74.6 112.0

200 32.1 23.7 35.5



#44

2,4,5-Trichlorophenol

Concen: 43.661 ng

RT: 13.352 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BG055878.D

Acq: 2 Dec 2022 17:47

Tgt Ion:196 Resp: 109802

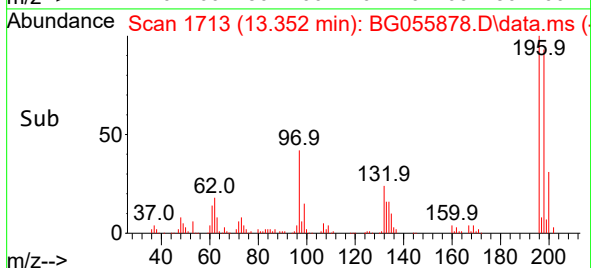
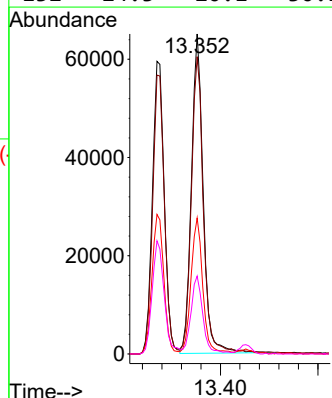
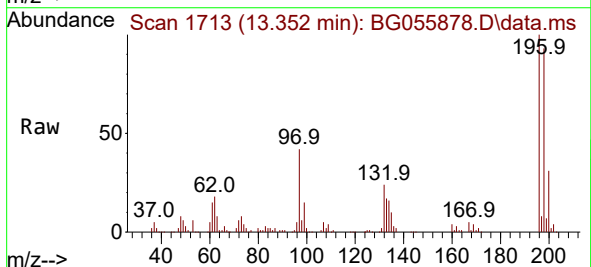
Ion Ratio Lower Upper

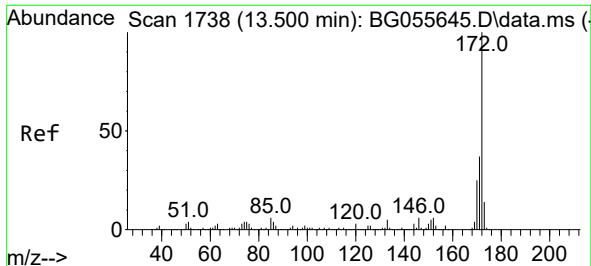
196 100

198 92.9 74.1 111.1

97 42.5 34.8 52.2

132 24.3 20.1 30.1

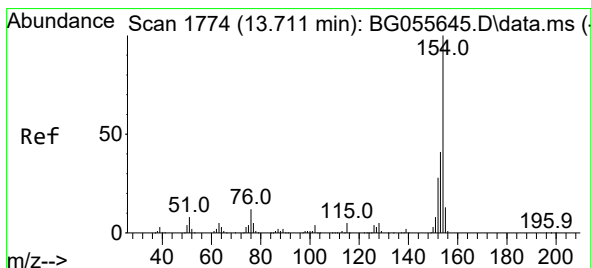
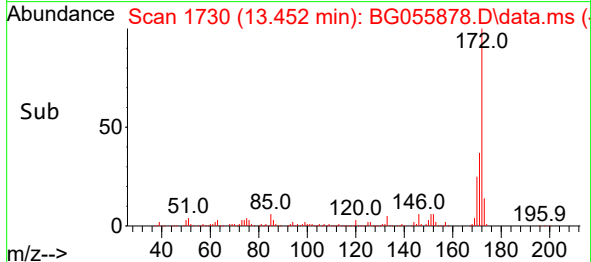
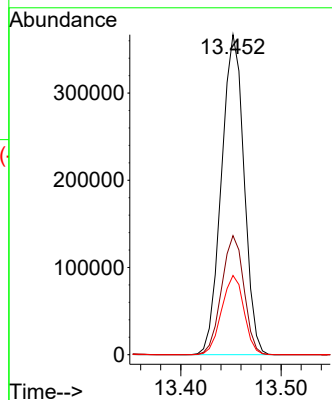
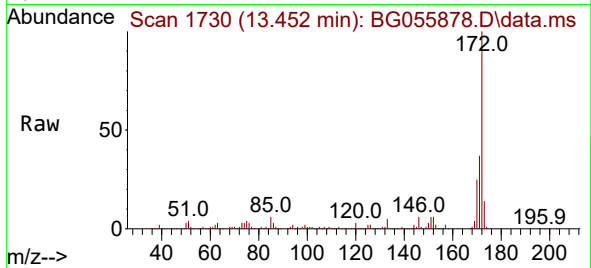




#45
2-Fluorobiphenyl
Concen: 80.471 ng
RT: 13.452 min Scan# 1730
Delta R.T. -0.006 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

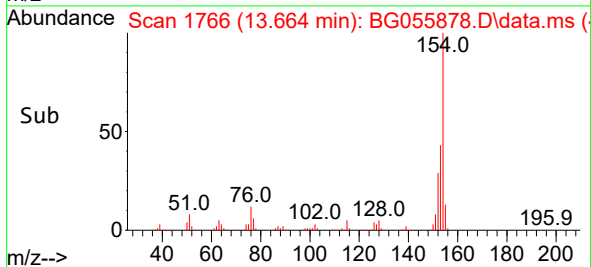
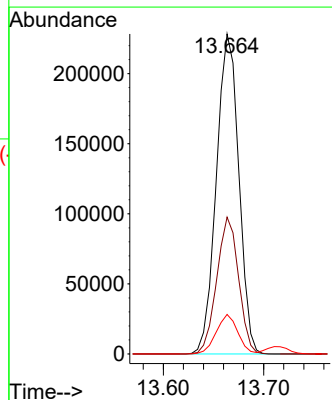
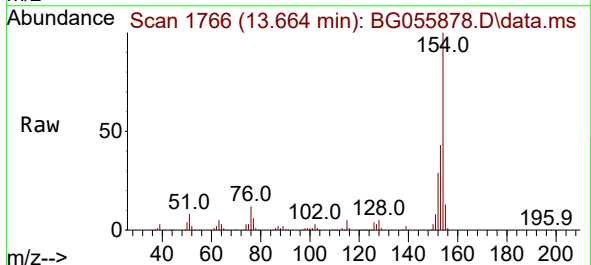
Instrument :
BNA_G
ClientSampleId :
PE-5MS

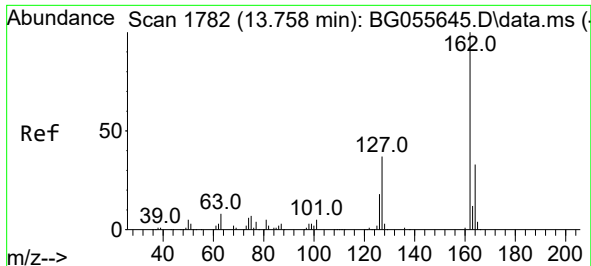
Tgt Ion:172 Resp: 573432
Ion Ratio Lower Upper
172 100
171 37.2 29.8 44.6
170 24.7 20.2 30.4



#46
1,1'-Biphenyl
Concen: 45.495 ng
RT: 13.664 min Scan# 1766
Delta R.T. -0.006 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

Tgt Ion:154 Resp: 353930
Ion Ratio Lower Upper
154 100
153 42.7 20.6 60.6
76 12.3 0.0 32.4

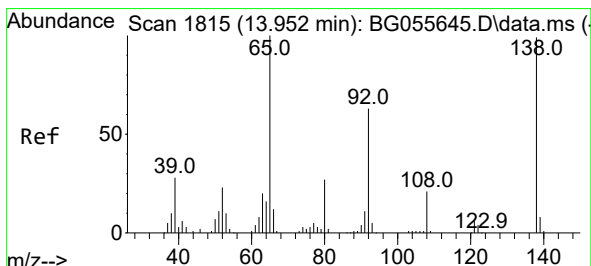
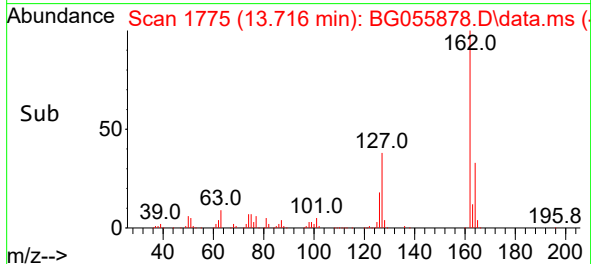
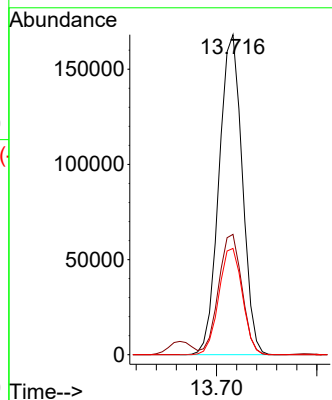
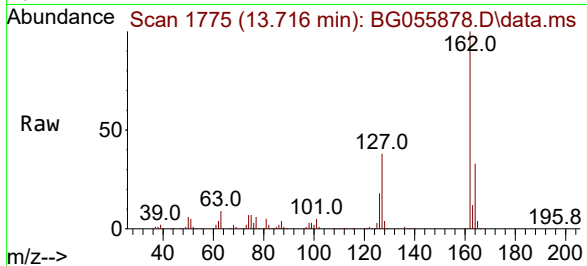




#47
2-Chloronaphthalene
Concen: 44.650 ng
RT: 13.716 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

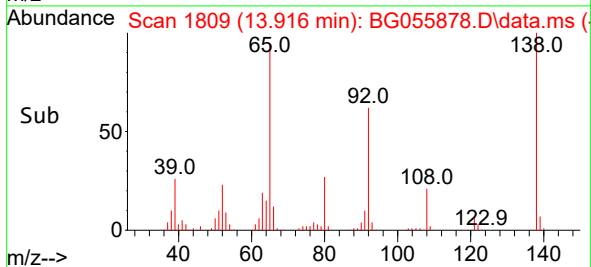
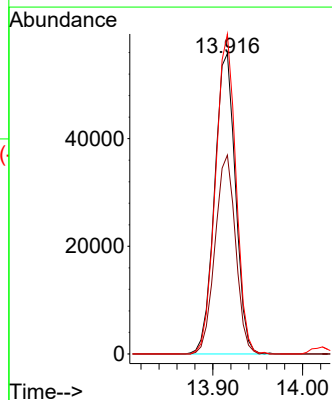
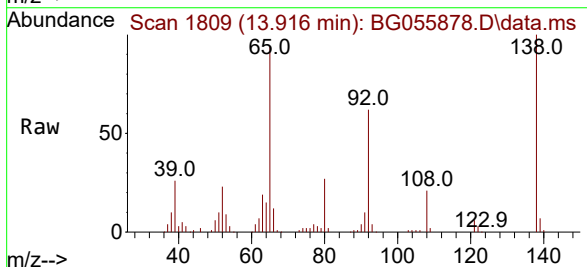
Instrument :
BNA_G
ClientSampleId :
PE-5MS

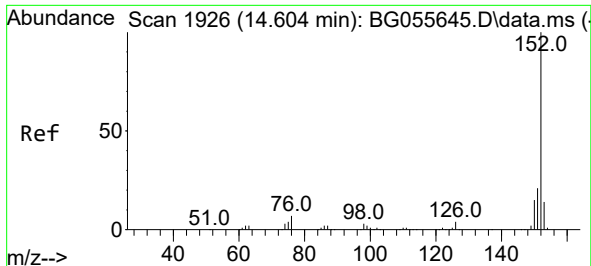
Tgt Ion:162 Resp: 269984
Ion Ratio Lower Upper
162 100
127 37.6 29.9 44.9
164 33.2 26.4 39.6



#48
2-Nitroaniline
Concen: 45.337 ng
RT: 13.916 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

Tgt Ion: 65 Resp: 90131
Ion Ratio Lower Upper
65 100
92 66.2 50.1 75.1
138 106.5 79.4 119.0





#49

Acenaphthylene

Concen: 44.791 ng

RT: 14.557 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BG055878.D

Acq: 2 Dec 2022 17:47

Instrument :

BNA_G

ClientSampleId :

PE-5MS

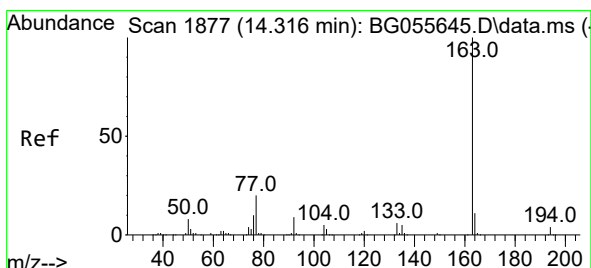
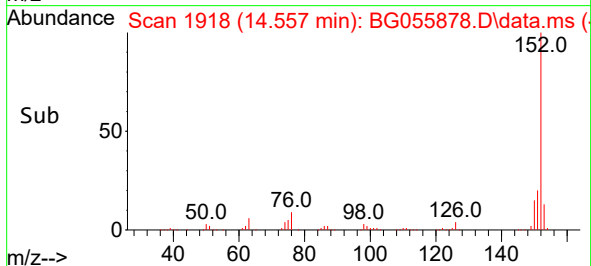
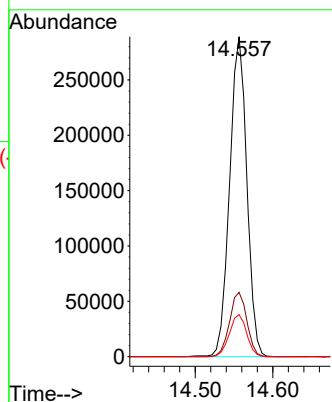
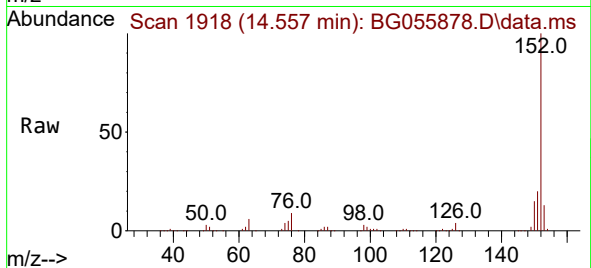
Tgt Ion:152 Resp: 445998

Ion Ratio Lower Upper

152 100

151 20.1 16.4 24.6

153 13.2 11.0 16.4



#50

Dimethylphthalate

Concen: 43.268 ng

RT: 14.275 min Scan# 1870

Delta R.T. -0.006 min

Lab File: BG055878.D

Acq: 2 Dec 2022 17:47

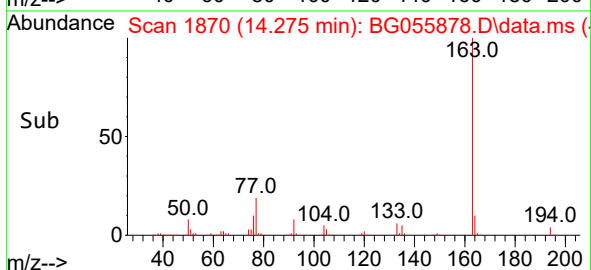
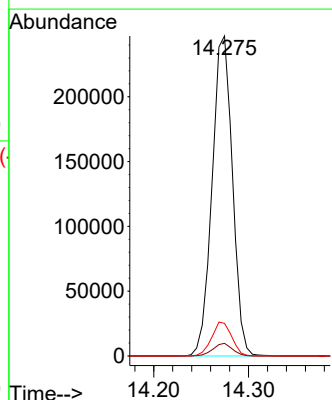
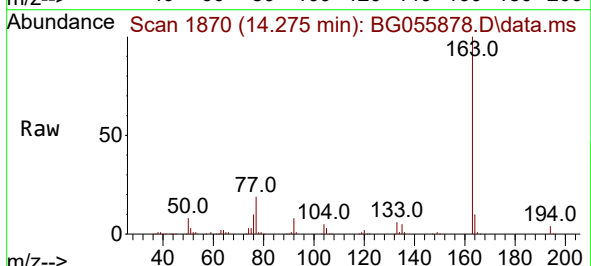
Tgt Ion:163 Resp: 368217

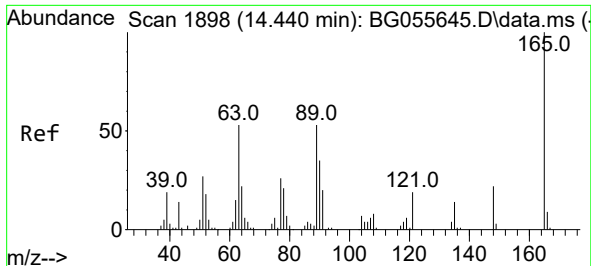
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

164 10.2 8.6 12.8

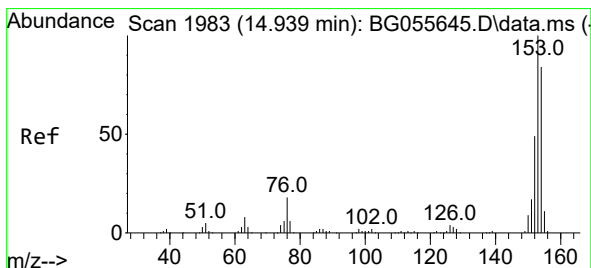
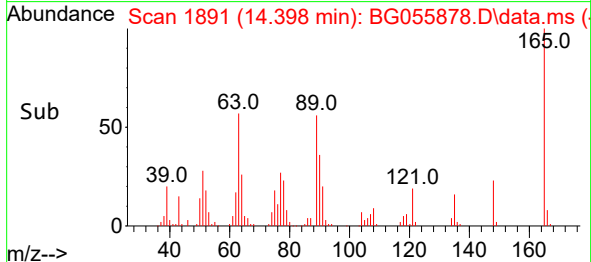
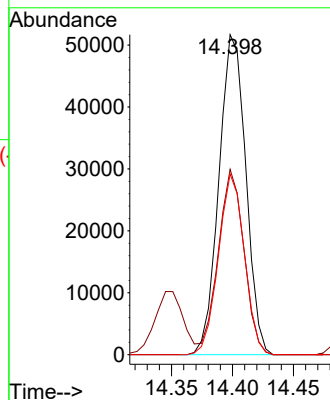
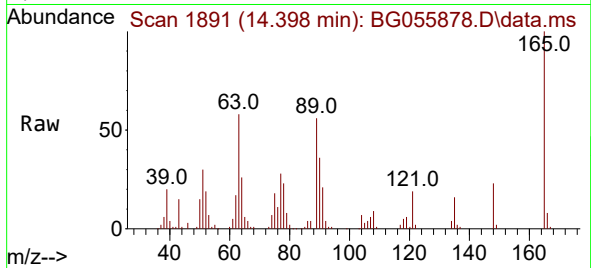




#51
2,6-Dinitrotoluene
Concen: 45.619 ng
RT: 14.398 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

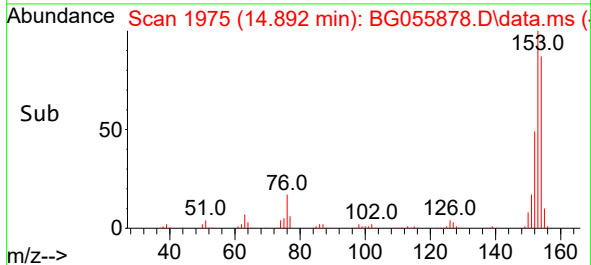
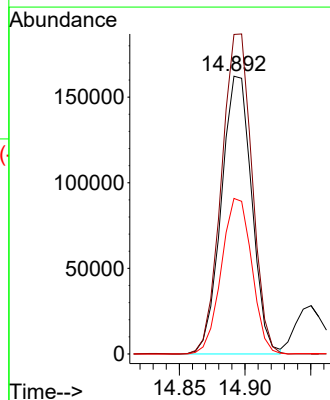
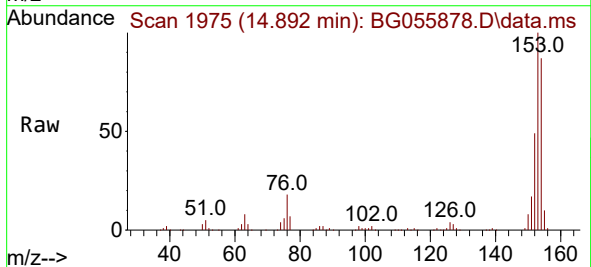
Instrument :
BNA_G
ClientSampleId :
PE-5MS

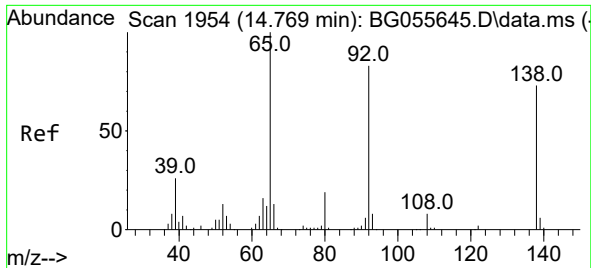
Tgt Ion:165 Resp: 79380
Ion Ratio Lower Upper
165 100
63 57.9 44.6 66.8
89 56.4 42.2 63.4



#52
Acenaphthene
Concen: 40.250 ng
RT: 14.892 min Scan# 1975
Delta R.T. -0.012 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

Tgt Ion:154 Resp: 261932
Ion Ratio Lower Upper
154 100
153 115.1 95.0 142.4
152 56.0 46.1 69.1

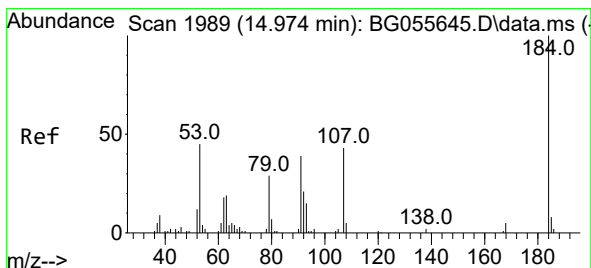
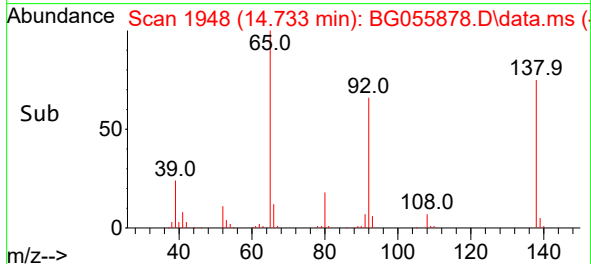
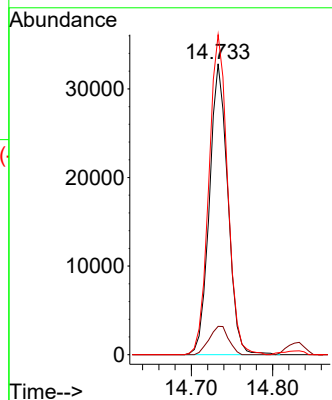
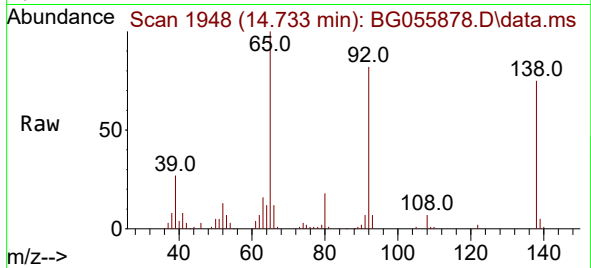




#53
3-Nitroaniline
Concen: 26.954 ng
RT: 14.733 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

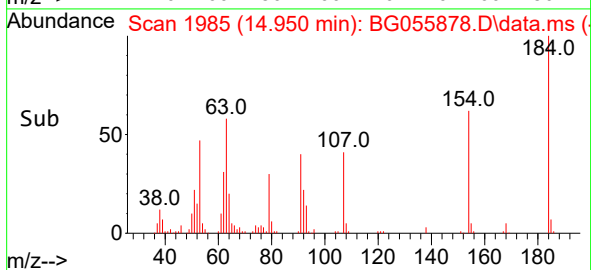
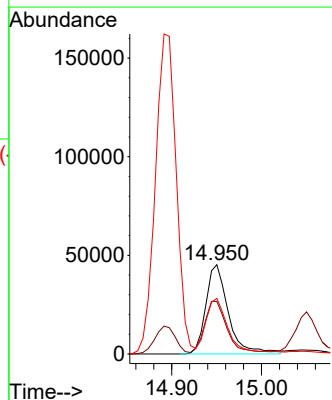
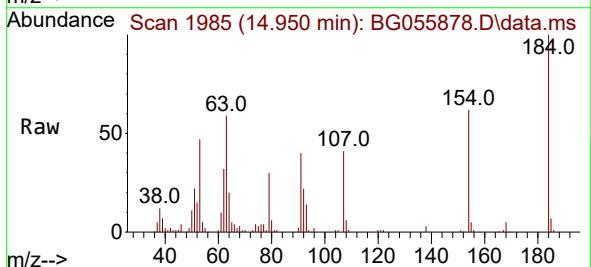
Instrument :
BNA_G
ClientSampleId :
PE-5MS

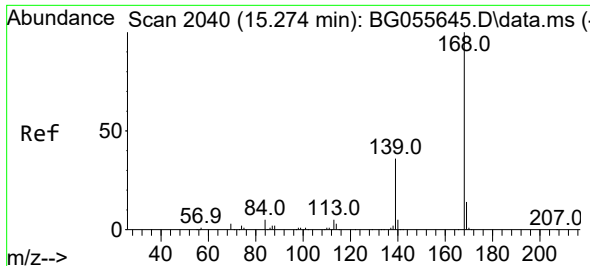
Tgt Ion:138 Resp: 51486
Ion Ratio Lower Upper
138 100
108 9.7 8.5 12.7
92 110.0 91.0 136.6



#54
2,4-Dinitrophenol
Concen: 78.832 ng
RT: 14.950 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

Tgt Ion:184 Resp: 78869
Ion Ratio Lower Upper
184 100
63 58.8 49.5 74.3
154 62.3 52.0 78.0

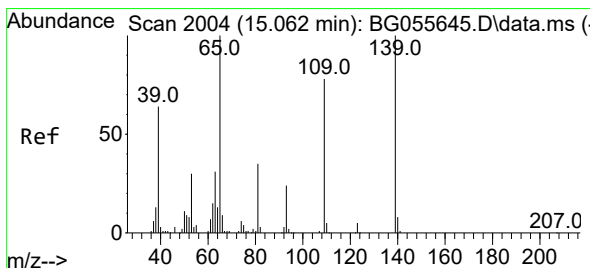
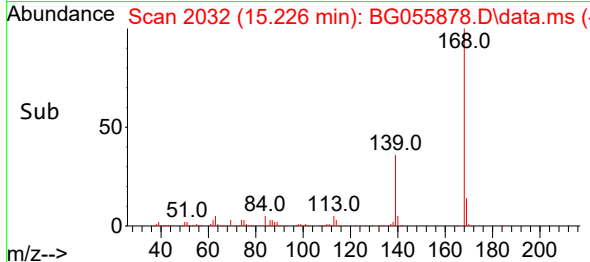
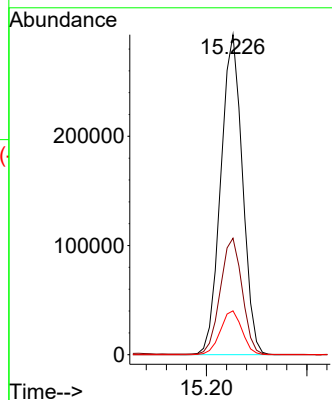
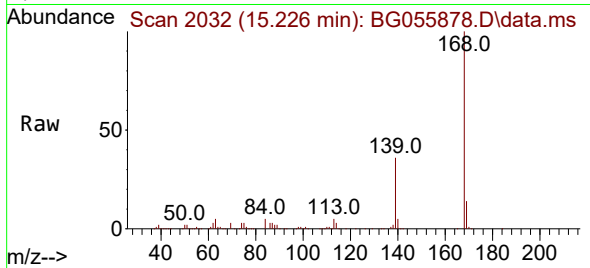




#55
Dibenzenofuran
Concen: 43.732 ng
RT: 15.226 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

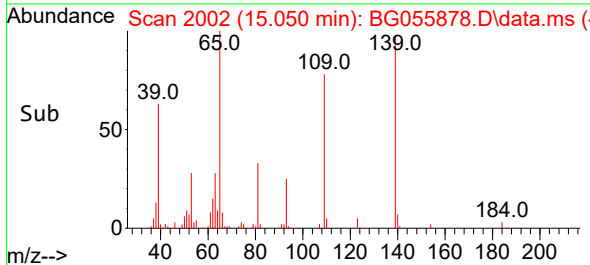
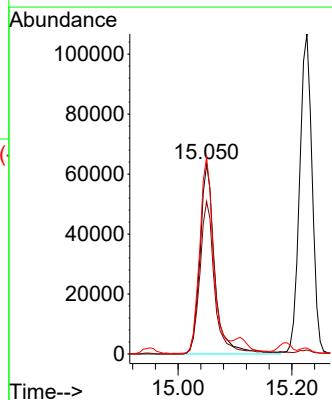
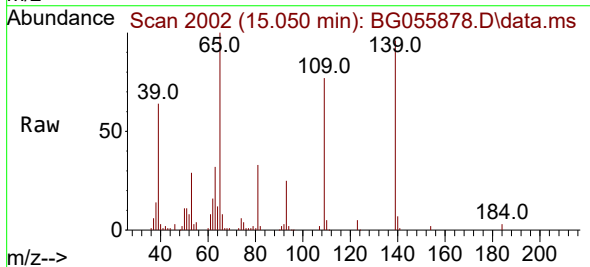
Instrument :
BNA_G
ClientSampleId :
PE-5MS

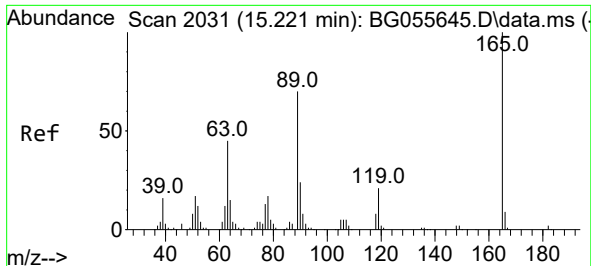
Tgt Ion:168 Resp: 439039
Ion Ratio Lower Upper
168 100
139 36.4 28.8 43.2
169 13.7 11.0 16.4



#56
4-Nitrophenol
Concen: 76.491 ng
RT: 15.050 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

Tgt Ion:139 Resp: 114675
Ion Ratio Lower Upper
139 100
109 80.4 58.6 98.6
65 103.8 80.5 120.5





#57

2,4-Dinitrotoluene

Concen: 46.536 ng

RT: 15.191 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BG055878.D

Acq: 2 Dec 2022 17:47

Instrument :

BNA_G

ClientSampleId :

PE-5MS

Tgt Ion:165 Resp: 114168

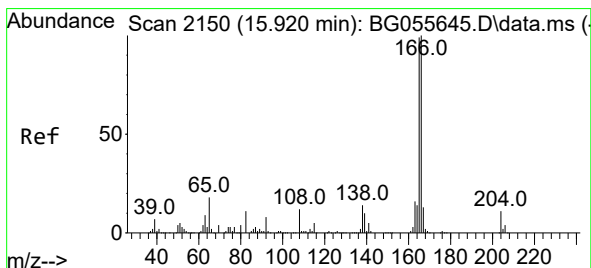
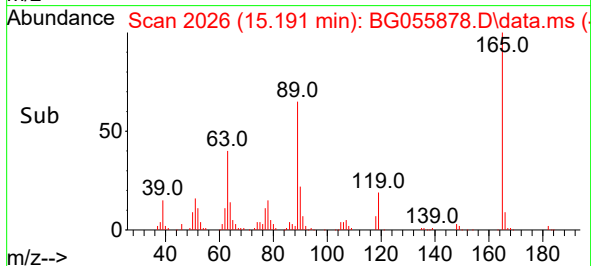
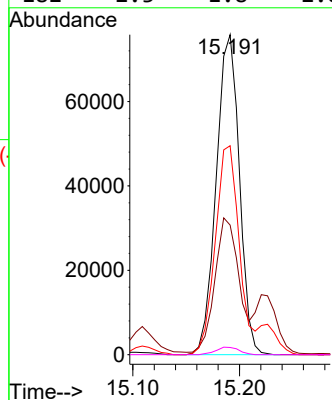
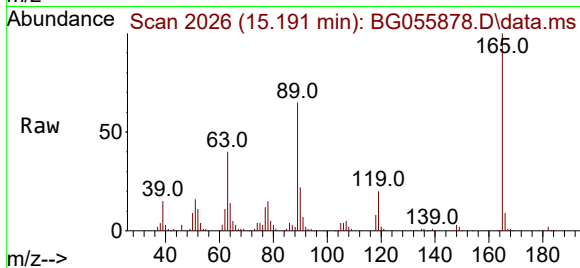
Ion Ratio Lower Upper

165 100

63 40.5 35.8 53.8

89 65.3 56.2 84.4

182 2.3 1.8 2.8



#58

Fluorene

Concen: 43.467 ng

RT: 15.873 min Scan# 2142

Delta R.T. -0.006 min

Lab File: BG055878.D

Acq: 2 Dec 2022 17:47

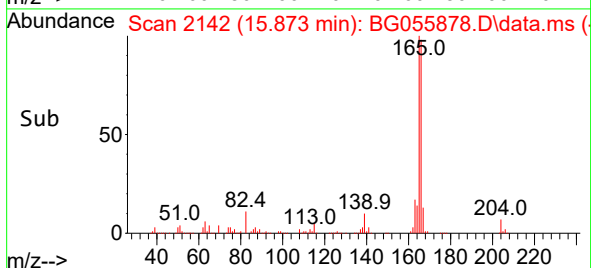
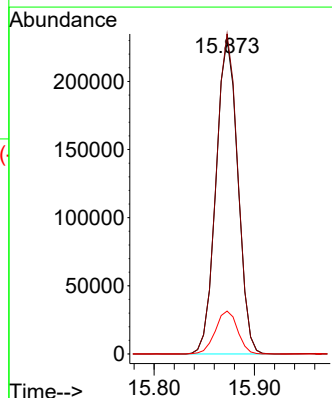
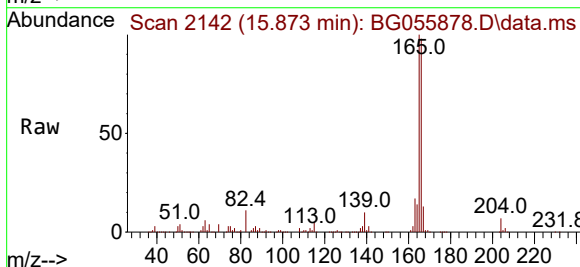
Tgt Ion:166 Resp: 348531

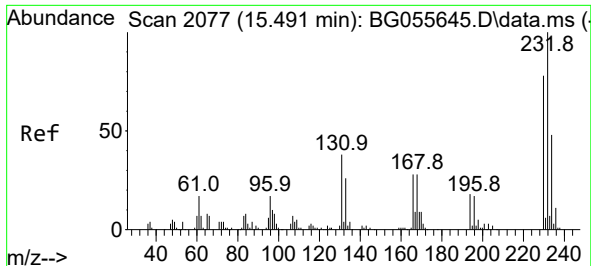
Ion Ratio Lower Upper

166 100

165 101.6 79.3 118.9

167 13.6 10.6 15.8

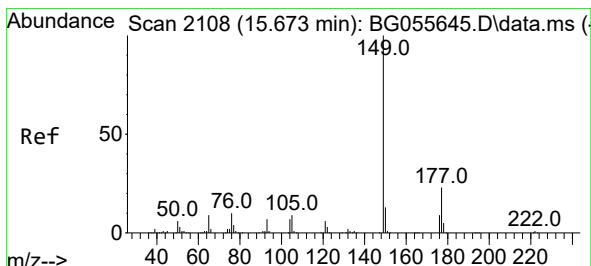
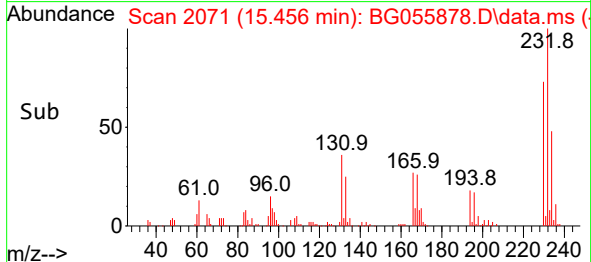
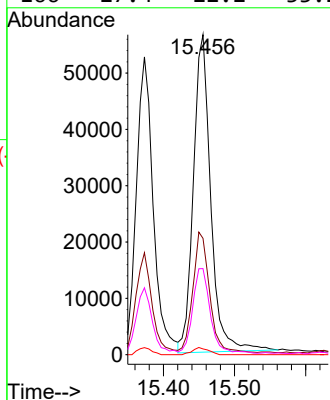
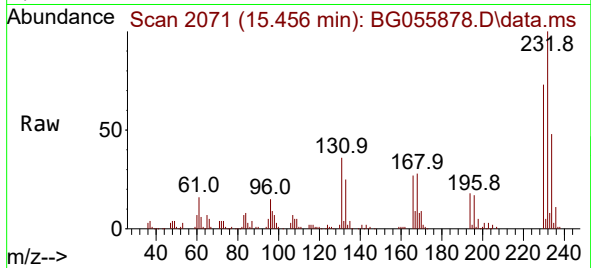




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.255 ng
RT: 15.456 min Scan# 2077
Delta R.T. -0.006 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

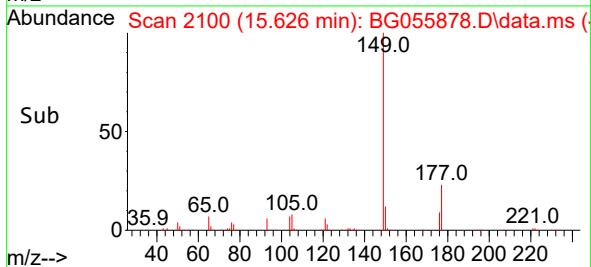
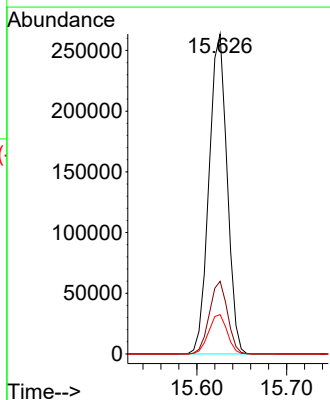
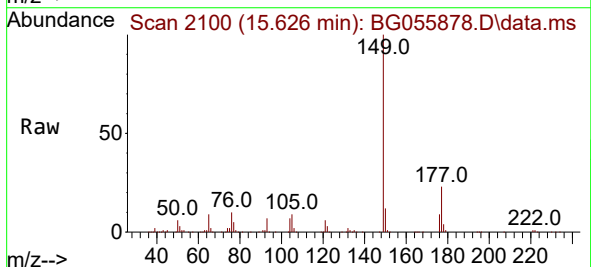
Instrument :
BNA_G
ClientSampleId :
PE-5MS

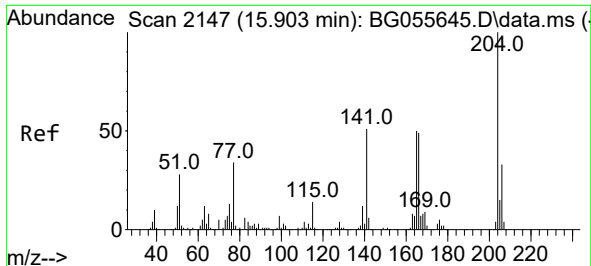
Tgt Ion:232 Resp: 95658
Ion Ratio Lower Upper
232 100
131 36.9 29.8 44.8
130 2.1 1.7 2.5
166 27.4 22.2 33.2



#60
Diethylphthalate
Concen: 42.855 ng
RT: 15.626 min Scan# 2100
Delta R.T. -0.006 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

Tgt Ion:149 Resp: 368728
Ion Ratio Lower Upper
149 100
177 22.7 18.3 27.5
150 12.3 10.0 15.0

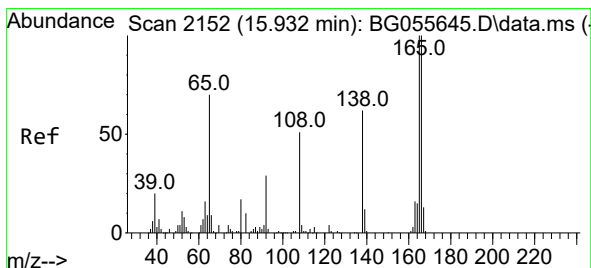
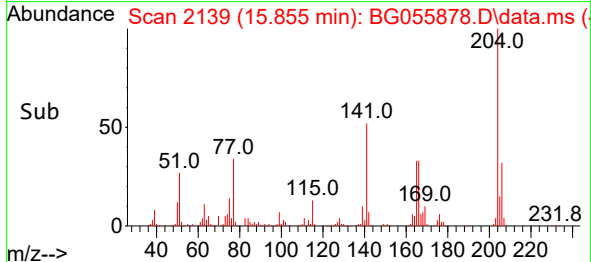
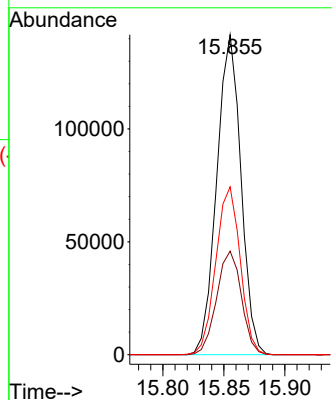
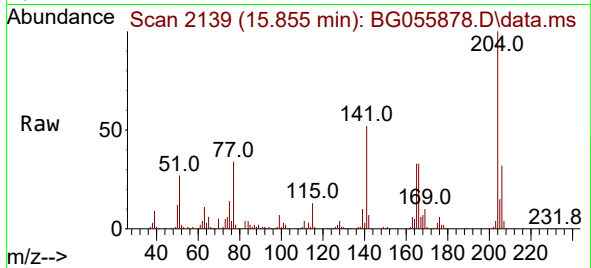




#61
4-Chlorophenyl-phenylether
Concen: 44.358 ng
RT: 15.855 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

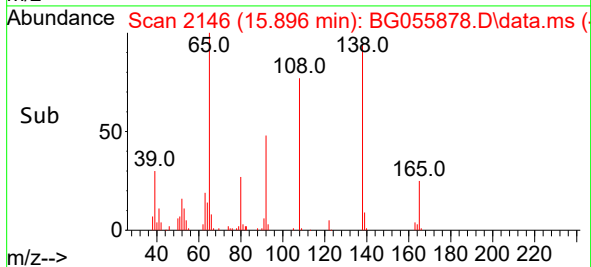
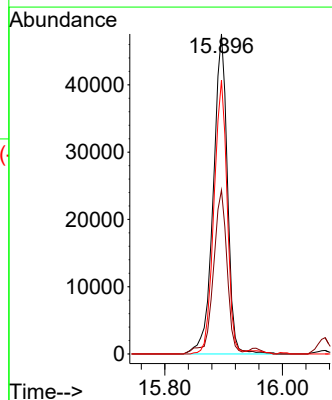
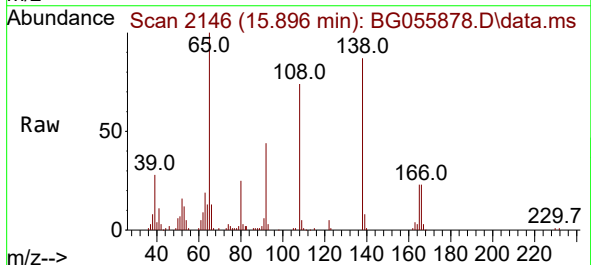
Instrument :
BNA_G
ClientSampleId :
PE-5MS

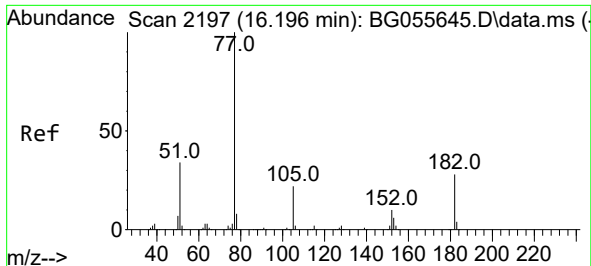
Tgt Ion:204 Resp: 195516
Ion Ratio Lower Upper
204 100
206 32.3 26.6 40.0
141 52.5 40.6 61.0



#62
4-Nitroaniline
Concen: 39.783 ng
RT: 15.896 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

Tgt Ion:138 Resp: 79437
Ion Ratio Lower Upper
138 100
92 51.2 27.3 67.3
108 85.5 62.8 102.8



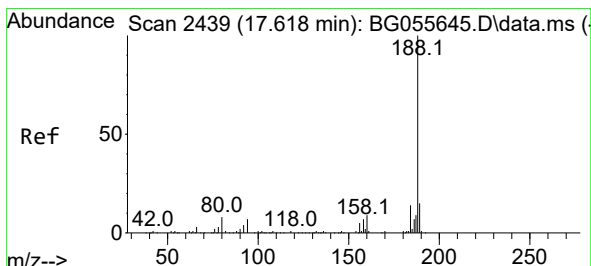
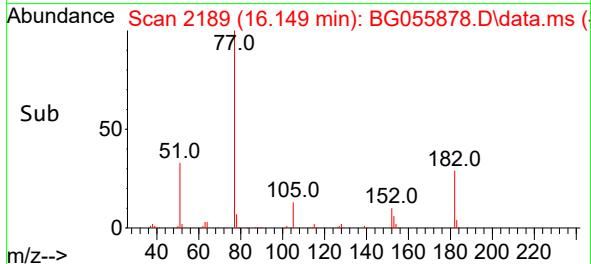
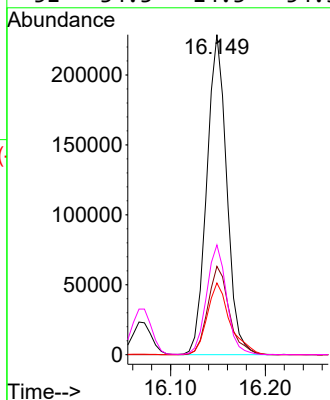
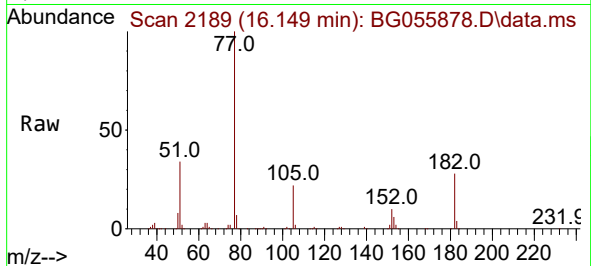


#63
Azobenzene
Concen: 44.501 ng
RT: 16.149 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

Instrument :
BNA_G
ClientSampleId :
PE-5MS

Tgt Ion: 77 Resp: 334275

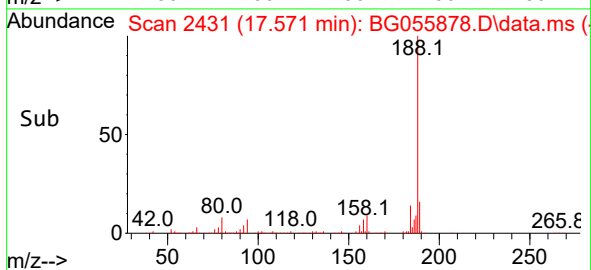
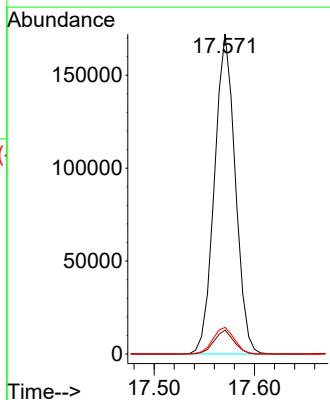
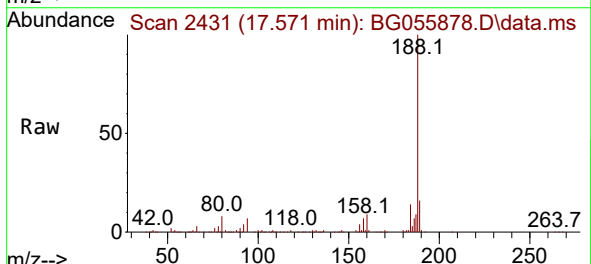
Ion	Ratio	Lower	Upper
77	100		
182	27.6	8.1	48.1
105	22.4	1.8	41.8
51	34.3	14.3	54.3

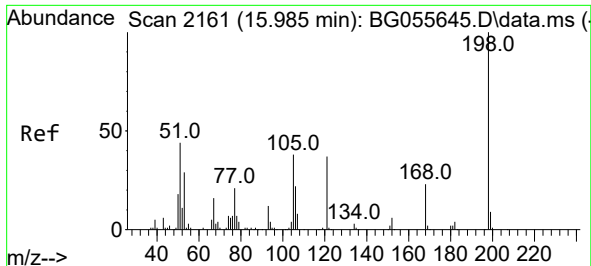


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.571 min Scan# 2431
Delta R.T. -0.006 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

Tgt Ion: 188 Resp: 247561

Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.4	8.2
80	8.3	6.6	10.0

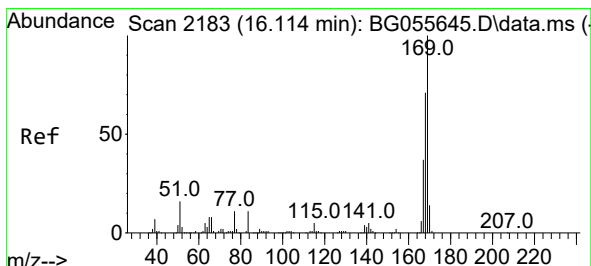
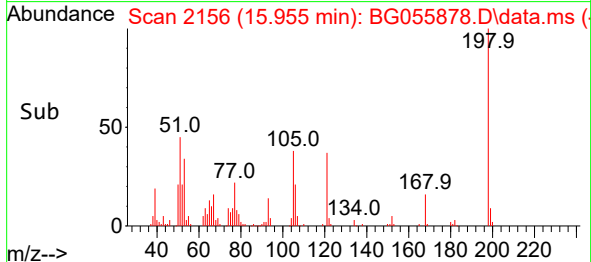
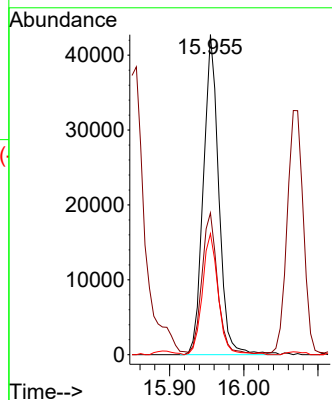
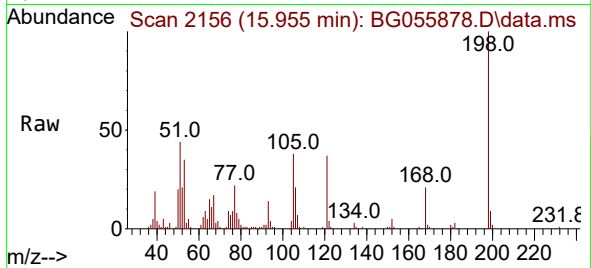




#65
4,6-Dinitro-2-methylphenol
Concen: 44.795 ng
RT: 15.955 min Scan# 2161
Delta R.T. -0.006 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

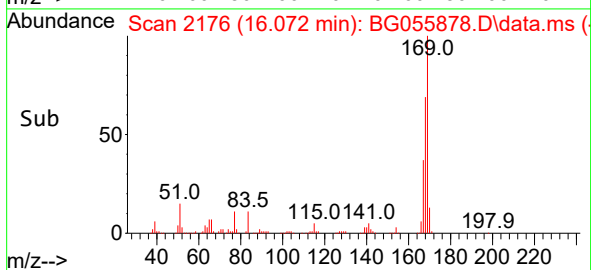
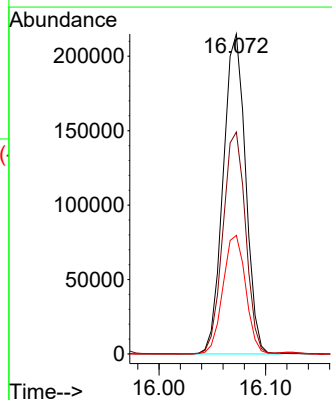
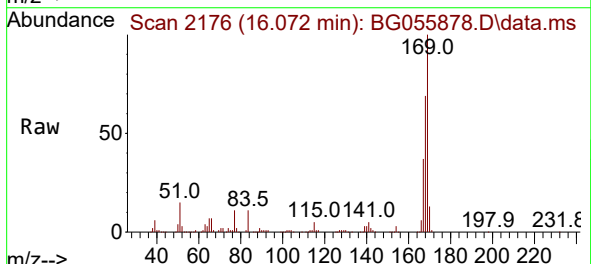
Instrument :
BNA_G
ClientSampleId :
PE-5MS

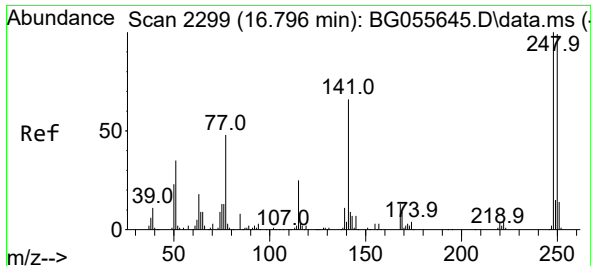
Tgt Ion:198 Resp: 61922
Ion Ratio Lower Upper
198 100
51 44.3 27.7 67.7
105 37.8 19.3 59.3



#66
n-Nitrosodiphenylamine
Concen: 46.042 ng
RT: 16.072 min Scan# 2176
Delta R.T. -0.006 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

Tgt Ion:169 Resp: 314121
Ion Ratio Lower Upper
169 100
168 69.3 56.6 85.0
167 37.1 29.9 44.9

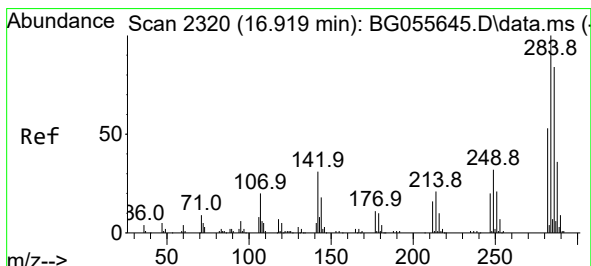
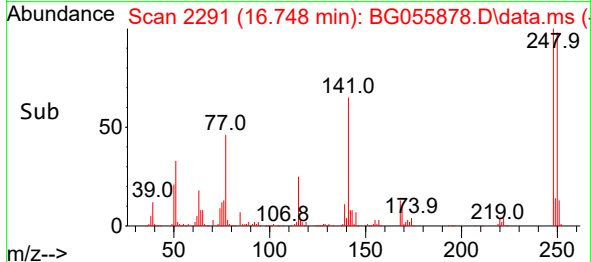
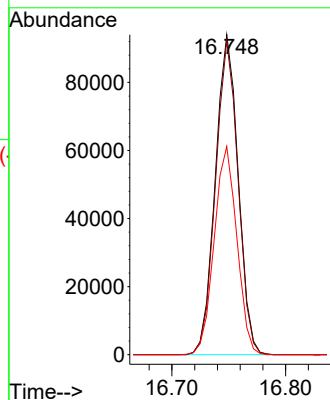
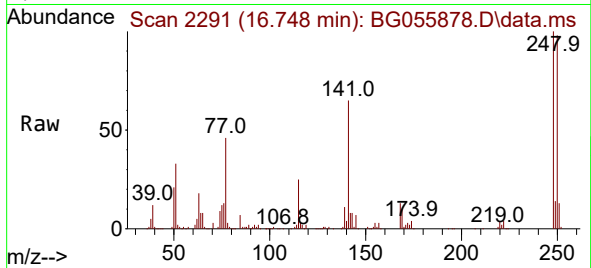




#67
4-Bromophenyl-phenylether
Concen: 46.673 ng
RT: 16.748 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

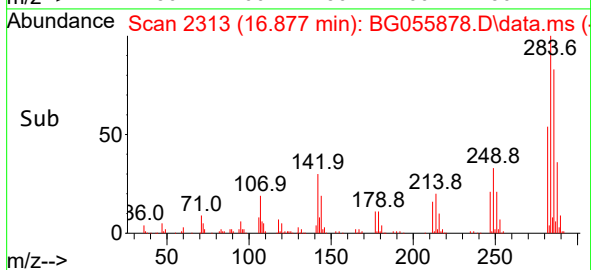
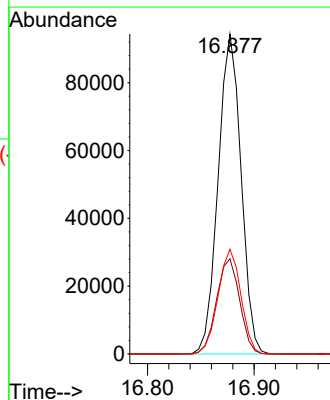
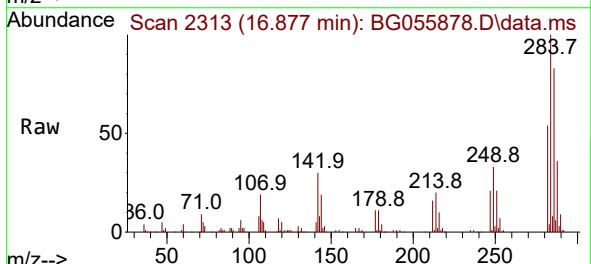
Instrument :
BNA_G
ClientSampleId :
PE-5MS

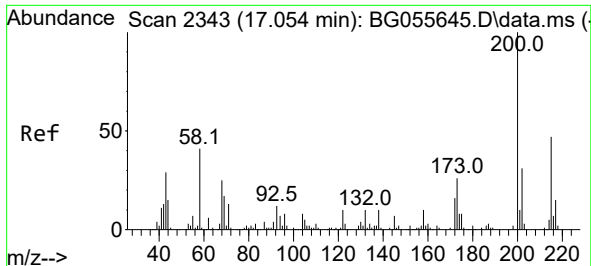
Tgt Ion:248 Resp: 131651
Ion Ratio Lower Upper
248 100
250 98.1 79.0 118.4
141 65.1 52.9 79.3



#68
Hexachlorobenzene
Concen: 45.001 ng
RT: 16.877 min Scan# 2313
Delta R.T. -0.006 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

Tgt Ion:284 Resp: 140748
Ion Ratio Lower Upper
284 100
142 29.8 24.8 37.2
249 32.7 25.7 38.5

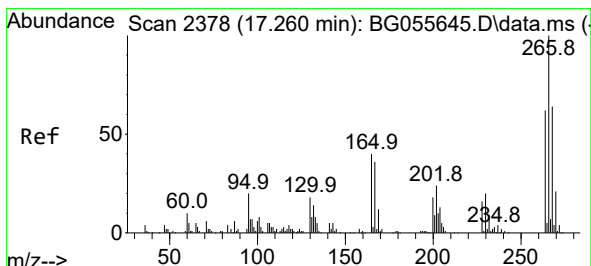
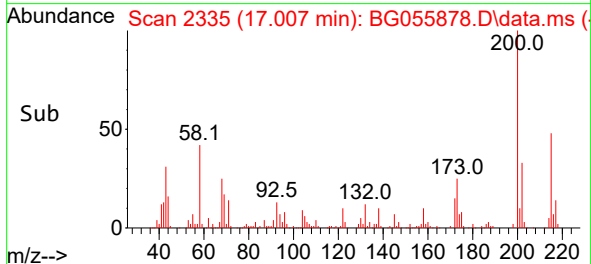
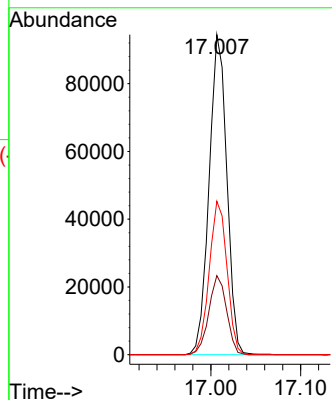
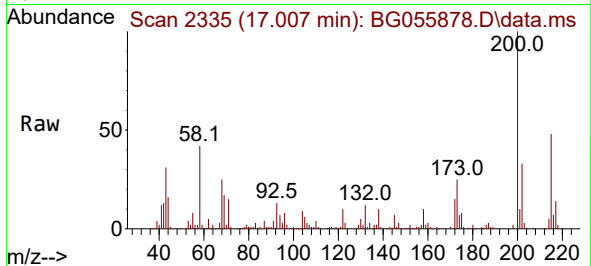




#69
Atrazine
Concen: 47.992 ng
RT: 17.007 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

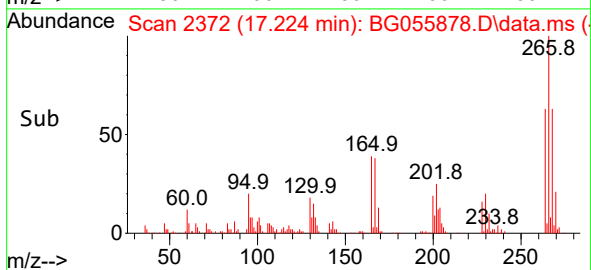
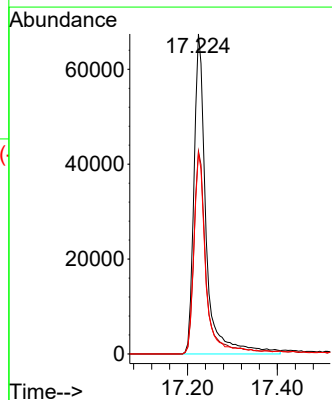
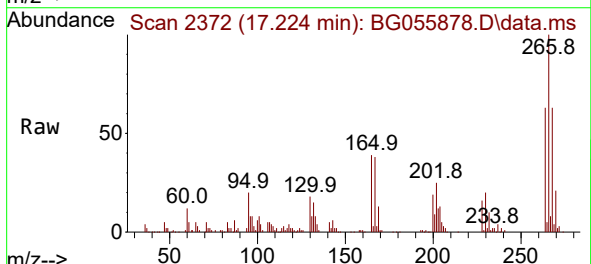
Instrument :
BNA_G
ClientSampleId :
PE-5MS

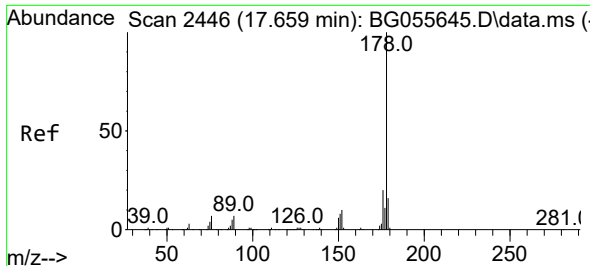
Tgt Ion:200 Resp: 129496
Ion Ratio Lower Upper
200 100
173 24.7 5.6 45.6
215 48.0 27.2 67.2



#70
Pentachlorophenol
Concen: 66.286 ng
RT: 17.224 min Scan# 2372
Delta R.T. -0.006 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

Tgt Ion:266 Resp: 126824
Ion Ratio Lower Upper
266 100
268 63.4 51.2 76.8
264 62.8 49.5 74.3

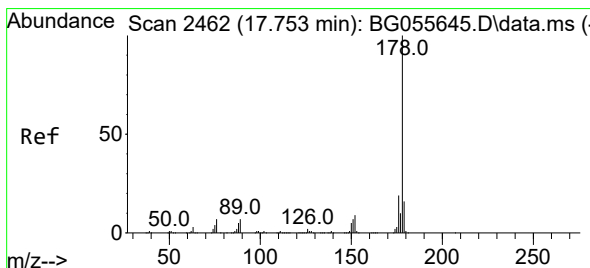
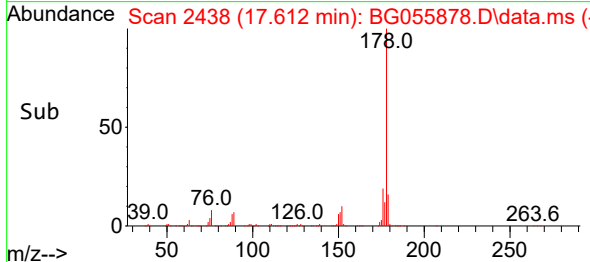
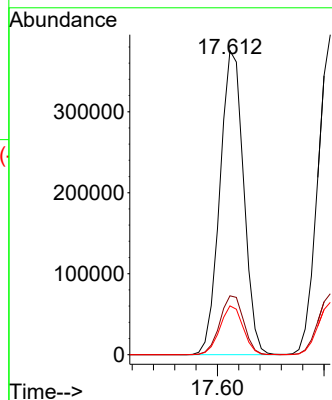
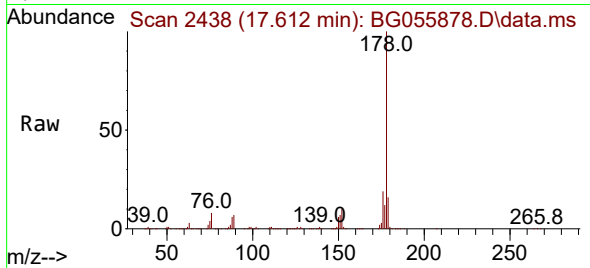




#71
Phenanthrene
Concen: 43.375 ng
RT: 17.612 min Scan# 2446
Delta R.T. -0.012 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

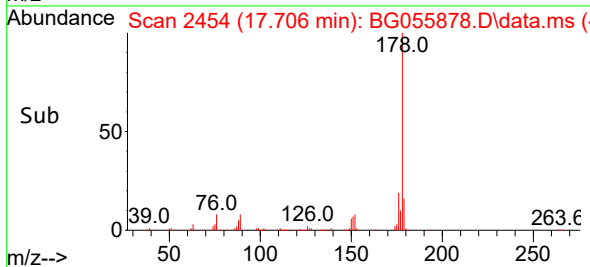
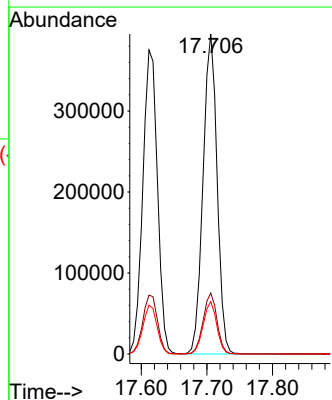
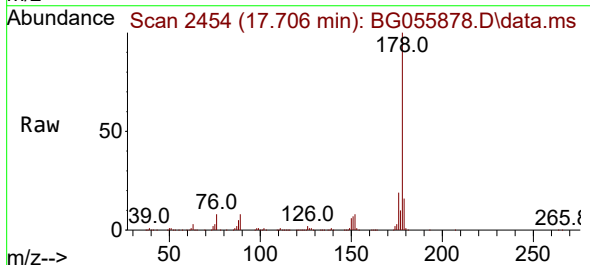
Instrument :
BNA_G
ClientSampleId :
PE-5MS

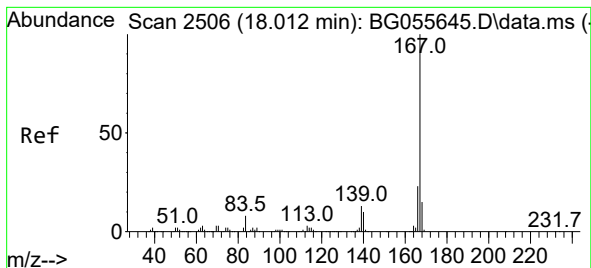
Tgt Ion:178 Resp: 579462
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 16.1 12.7 19.1



#72
Anthracene
Concen: 45.337 ng
RT: 17.706 min Scan# 2454
Delta R.T. -0.006 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

Tgt Ion:178 Resp: 588493
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 16.4 12.5 18.7





#73

Carbazole

Concen: 44.774 ng

RT: 17.970 min Scan# 24

Delta R.T. -0.006 min

Lab File: BG055878.D

Acq: 2 Dec 2022 17:47

Instrument :

BNA_G

ClientSampleId :

PE-5MS

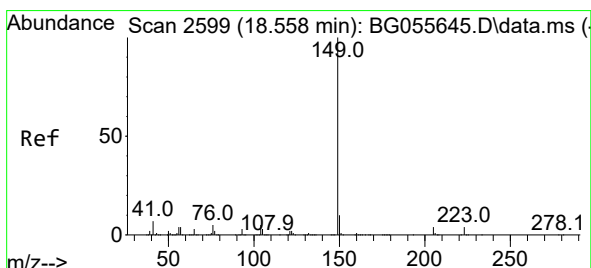
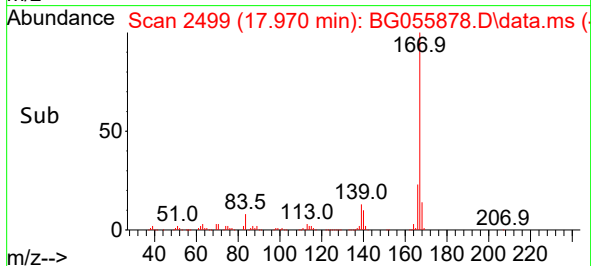
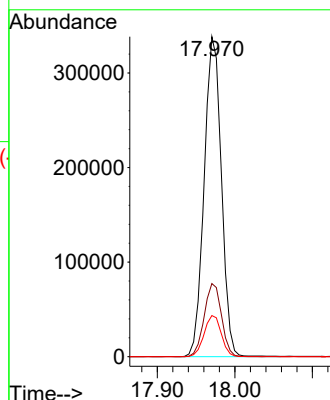
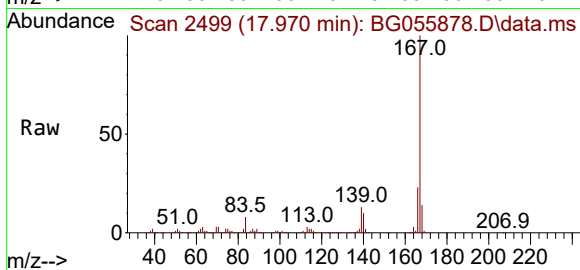
Tgt Ion:167 Resp: 522480

Ion Ratio Lower Upper

167 100

166 22.9 18.2 27.2

139 12.8 10.2 15.4



#74

Di-n-butylphthalate

Concen: 43.669 ng

RT: 18.499 min Scan# 2589

Delta R.T. -0.012 min

Lab File: BG055878.D

Acq: 2 Dec 2022 17:47

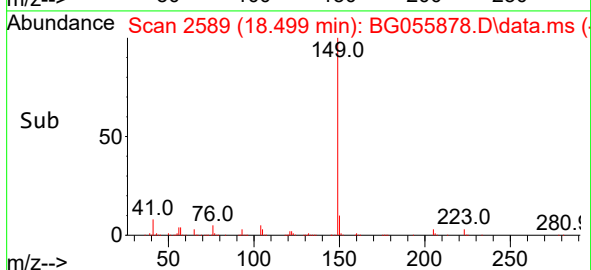
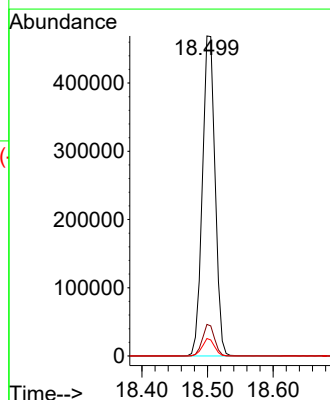
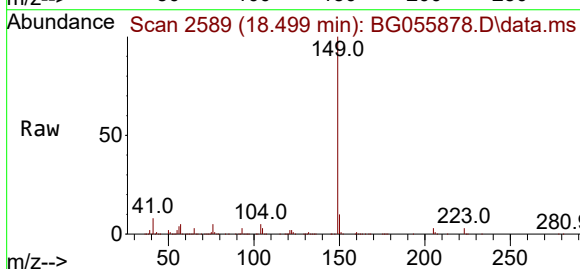
Tgt Ion:149 Resp: 632749

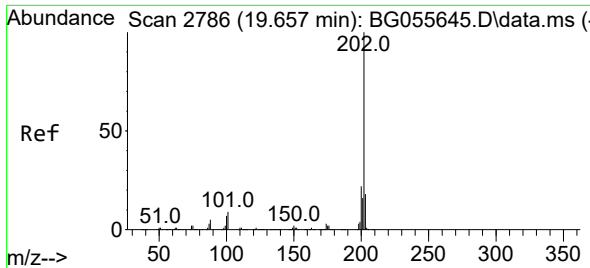
Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

104 5.4 4.0 6.0

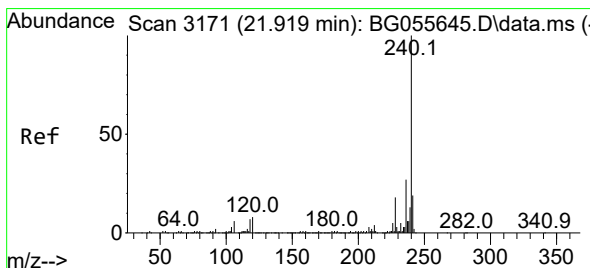
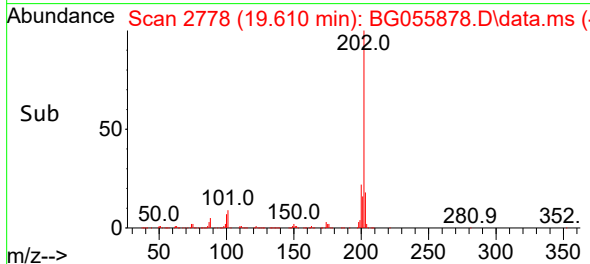
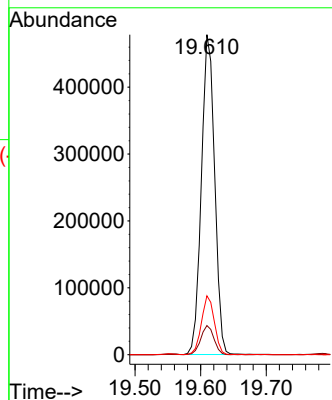
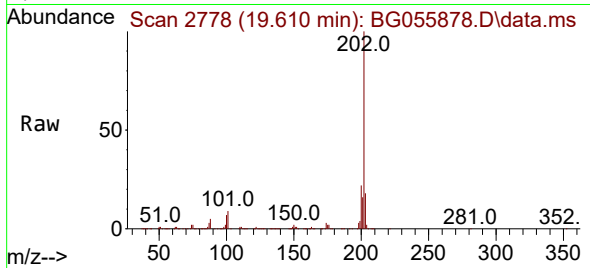




#75
Fluoranthene
Concen: 41.455 ng
RT: 19.610 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

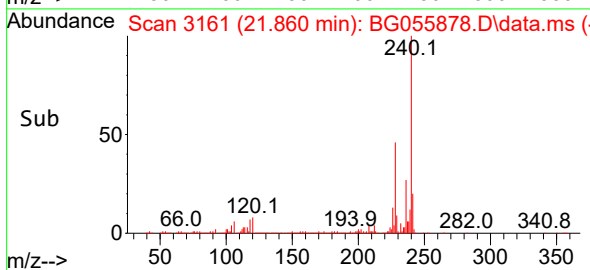
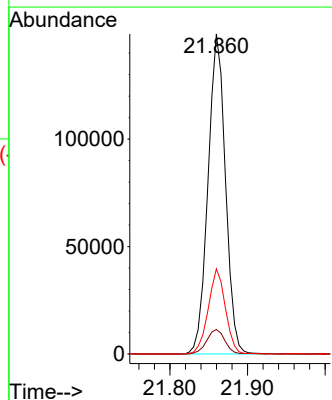
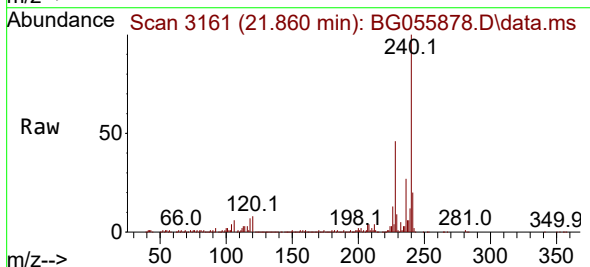
Instrument :
BNA_G
ClientSampleId :
PE-5MS

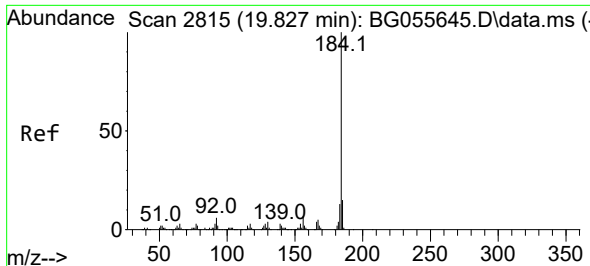
Tgt Ion:202 Resp: 673760
Ion Ratio Lower Upper
202 100
101 9.1 0.0 28.8
203 18.4 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.860 min Scan# 3161
Delta R.T. -0.006 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

Tgt Ion:240 Resp: 232627
Ion Ratio Lower Upper
240 100
120 7.7 6.3 9.5
236 26.6 21.9 32.9

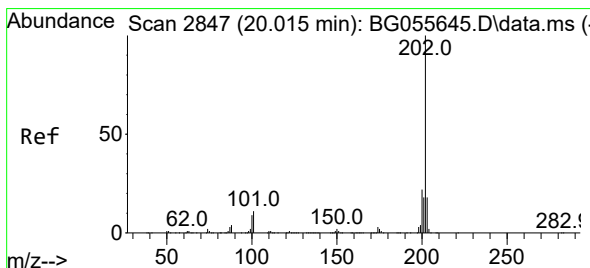
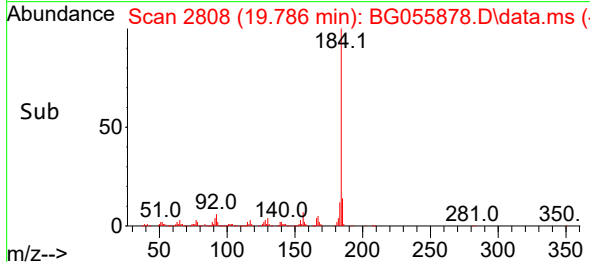
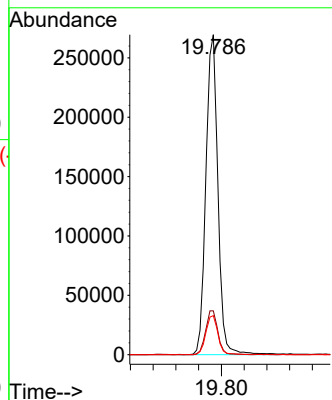
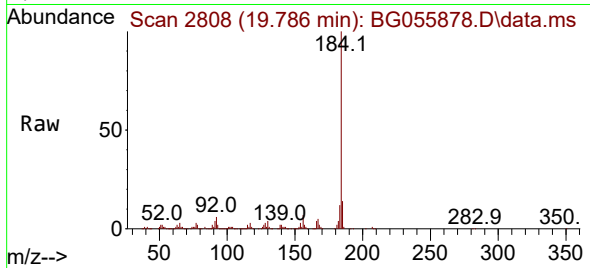




#77
Benzidine
Concen: 73.110 ng
RT: 19.786 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

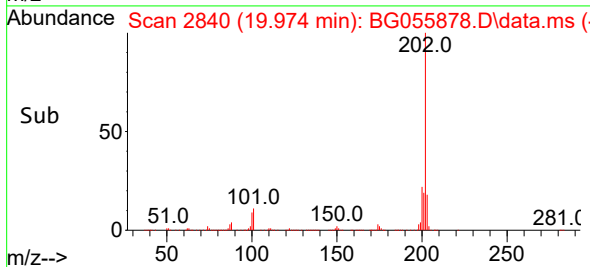
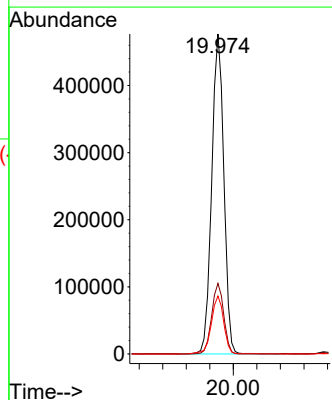
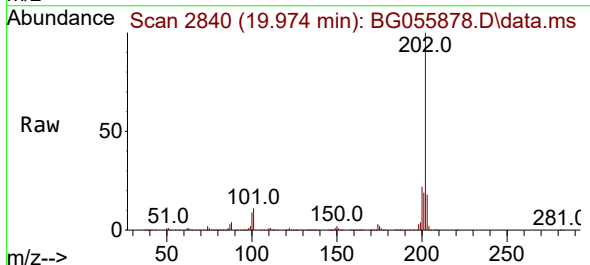
Instrument :
BNA_G
ClientSampleId :
PE-5MS

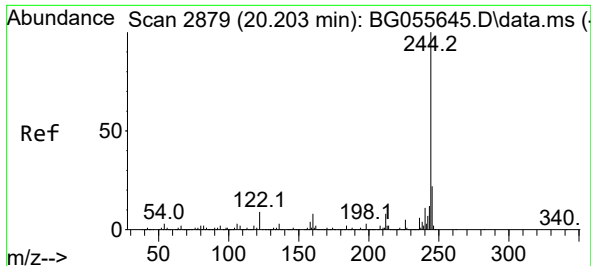
Tgt Ion:184 Resp: 393455
Ion Ratio Lower Upper
184 100
185 13.7 11.8 17.8
183 12.2 10.6 15.8



#78
Pyrene
Concen: 43.354 ng
RT: 19.974 min Scan# 2840
Delta R.T. -0.006 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

Tgt Ion:202 Resp: 682661
Ion Ratio Lower Upper
202 100
200 22.1 17.8 26.6
203 18.1 14.4 21.6

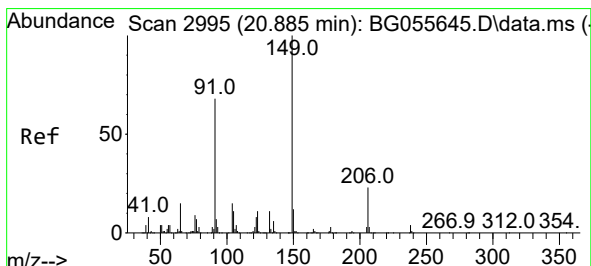
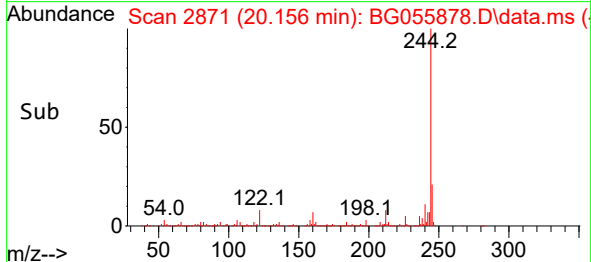
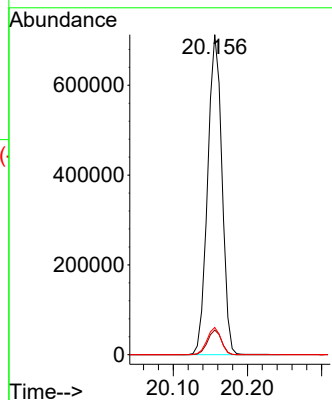
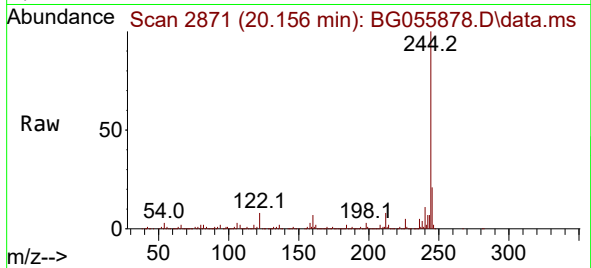




#79
 Terphenyl-d14
 Concen: 82.004 ng
 RT: 20.156 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG055878.D
 Acq: 2 Dec 2022 17:47

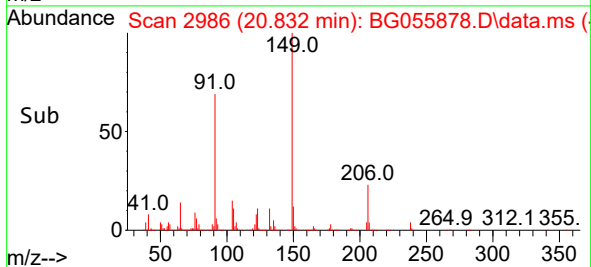
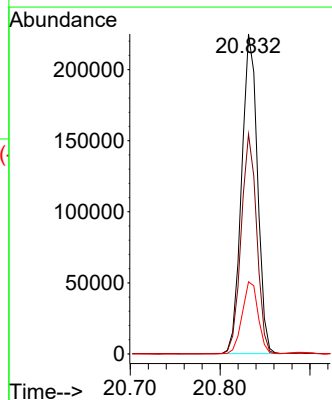
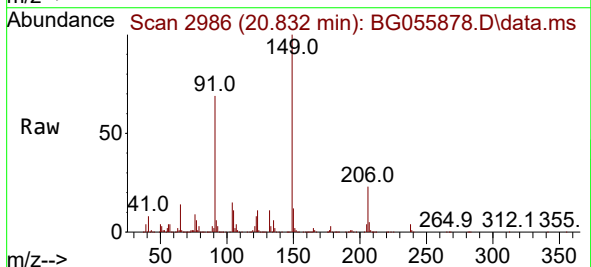
Instrument :
 BNA_G
 ClientSampleId :
 PE-5MS

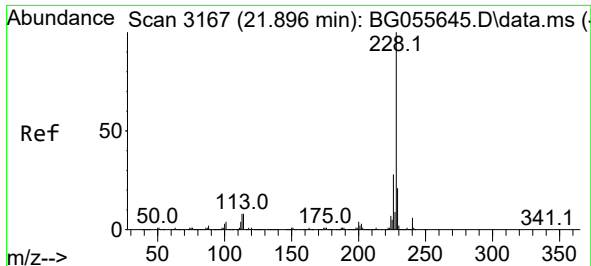
Tgt Ion:244 Resp: 953761
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.3 9.5
 122 8.5 6.9 10.3



#80
 Butylbenzylphthalate
 Concen: 44.727 ng
 RT: 20.832 min Scan# 2986
 Delta R.T. -0.006 min
 Lab File: BG055878.D
 Acq: 2 Dec 2022 17:47

Tgt Ion:149 Resp: 275708
 Ion Ratio Lower Upper
 149 100
 91 68.7 54.6 81.8
 206 22.5 18.3 27.5

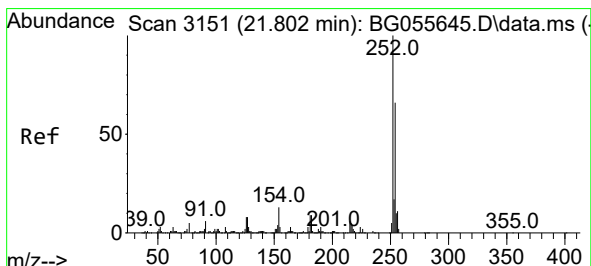
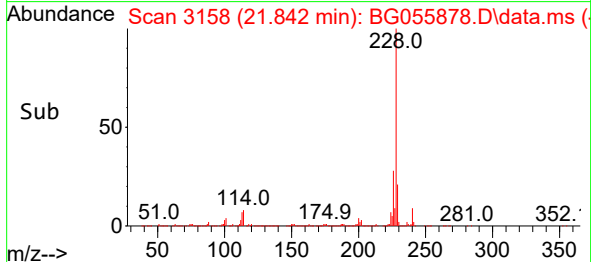
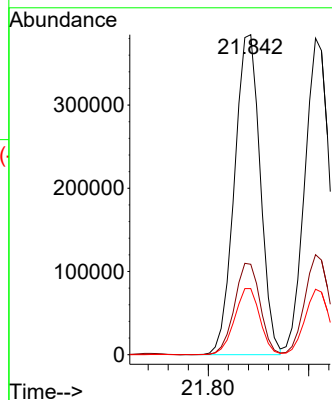
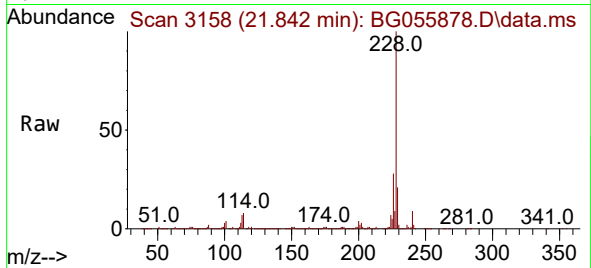




#81
Benzo(a)anthracene
Concen: 42.810 ng
RT: 21.842 min Scan# 3167
Delta R.T. -0.006 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

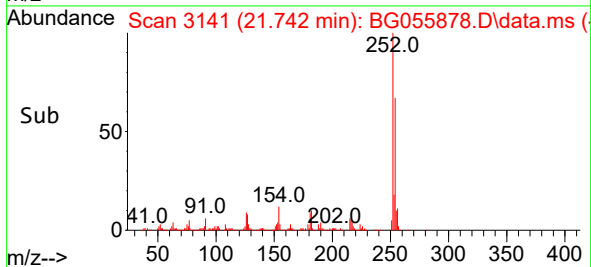
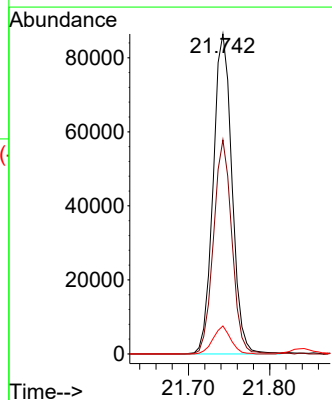
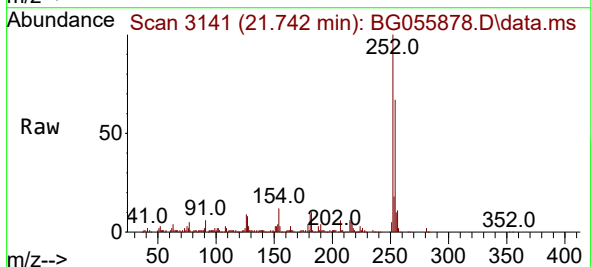
Instrument :
BNA_G
ClientSampleId :
PE-5MS

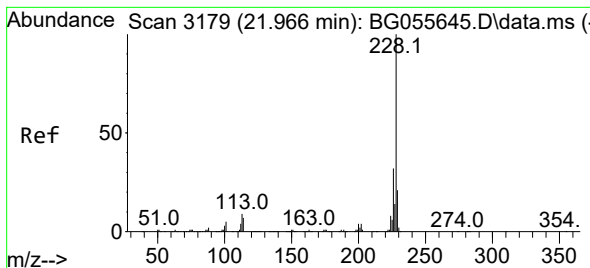
Tgt Ion:228 Resp: 685925
Ion Ratio Lower Upper
228 100
226 28.2 22.7 34.1
229 20.7 16.5 24.7



#82
3,3'-Dichlorobenzidine
Concen: 24.677 ng
RT: 21.742 min Scan# 3141
Delta R.T. -0.012 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

Tgt Ion:252 Resp: 138929
Ion Ratio Lower Upper
252 100
254 66.9 53.0 79.6
126 8.8 6.7 10.1





#83

Chrysene

Concen: 42.364 ng

RT: 21.907 min Scan# 31

Delta R.T. -0.012 min

Lab File: BG055878.D

Acq: 2 Dec 2022 17:47

Instrument :

BNA_G

ClientSampleId :

PE-5MS

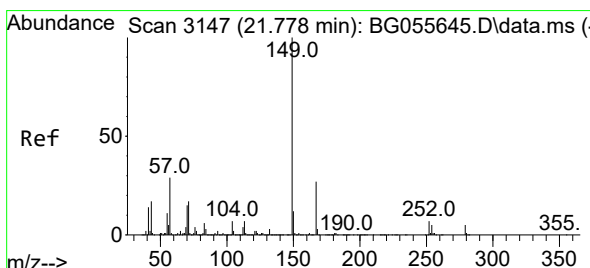
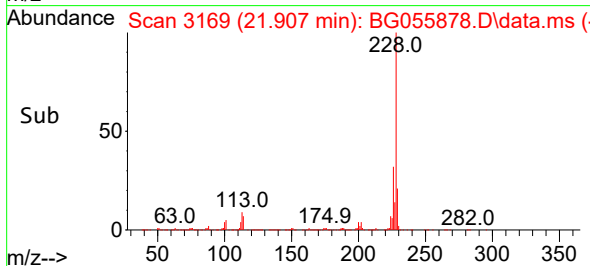
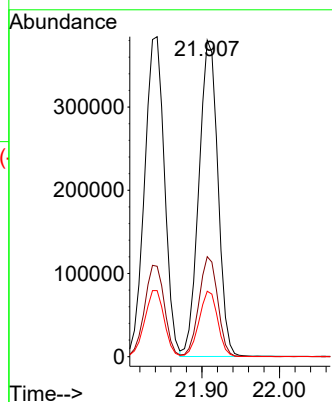
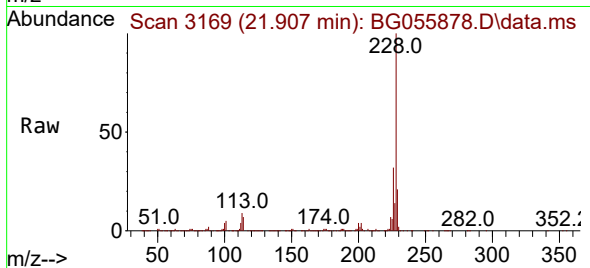
Tgt Ion:228 Resp: 646183

Ion Ratio Lower Upper

228 100

226 31.6 25.4 38.2

229 20.7 17.1 25.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.657 ng

RT: 21.707 min Scan# 3135

Delta R.T. -0.006 min

Lab File: BG055878.D

Acq: 2 Dec 2022 17:47

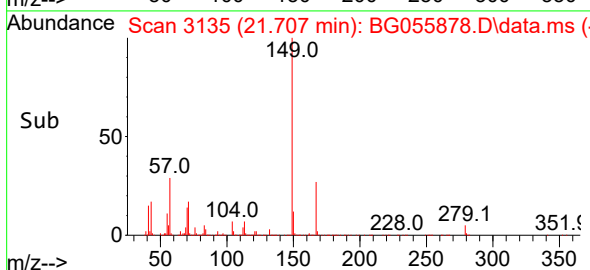
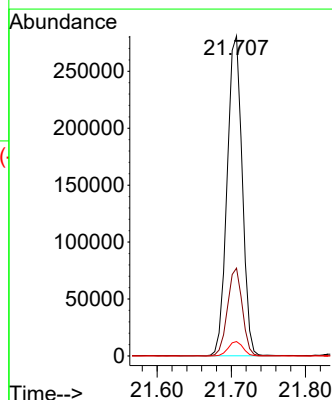
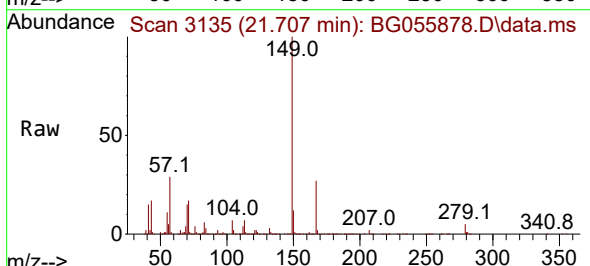
Tgt Ion:149 Resp: 395608

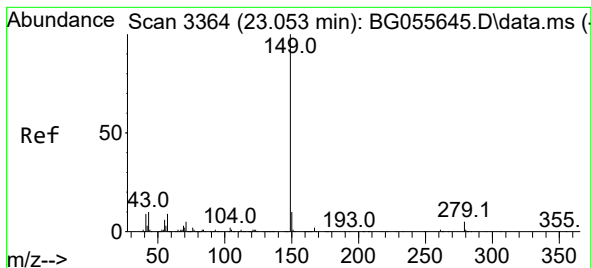
Ion Ratio Lower Upper

149 100

167 27.5 22.0 33.0

279 4.5 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 44.949 ng

RT: 22.959 min Scan# 31

Delta R.T. -0.012 min

Lab File: BG055878.D

Acq: 2 Dec 2022 17:47

Instrument :

BNA_G

ClientSampleId :

PE-5MS

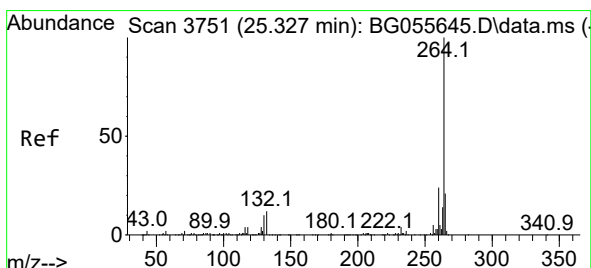
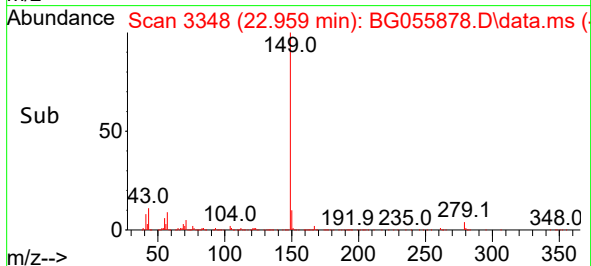
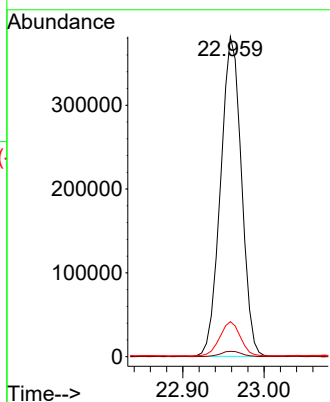
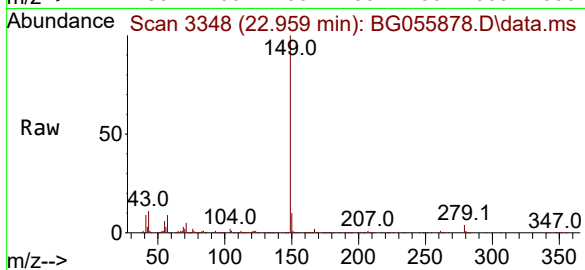
Tgt Ion:149 Resp: 681454

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

43 10.4 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.238 min Scan# 3736

Delta R.T. -0.012 min

Lab File: BG055878.D

Acq: 2 Dec 2022 17:47

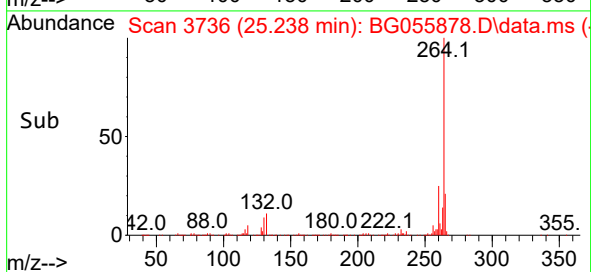
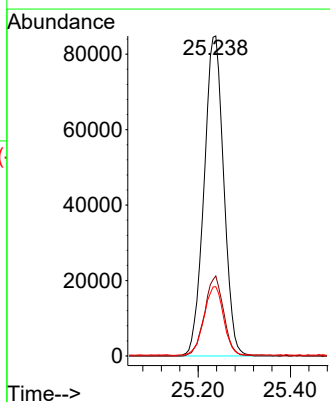
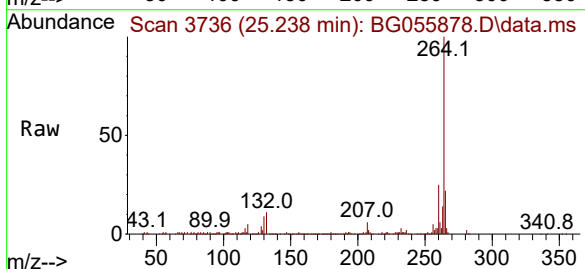
Tgt Ion:264 Resp: 251565

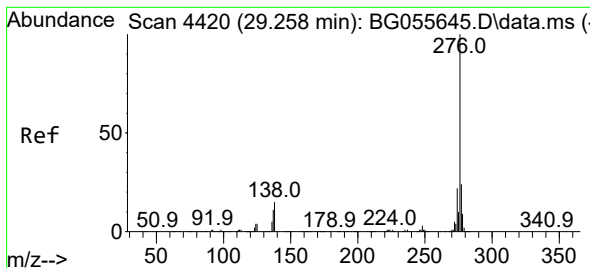
Ion Ratio Lower Upper

264 100

260 25.0 19.5 29.3

265 21.7 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.221 ng

RT: 29.122 min Scan# 41

Delta R.T. -0.030 min

Lab File: BG055878.D

Acq: 2 Dec 2022 17:47

Instrument :

BNA_G

ClientSampleId :

PE-5MS

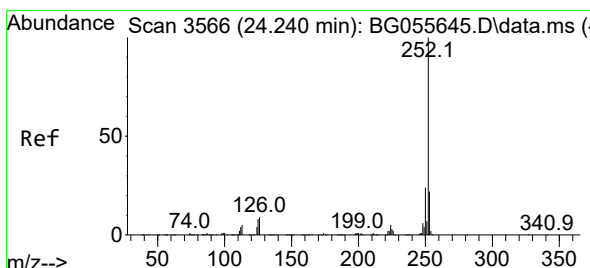
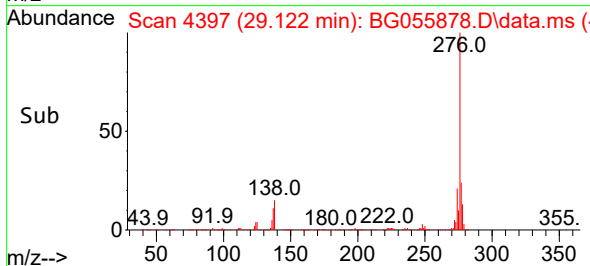
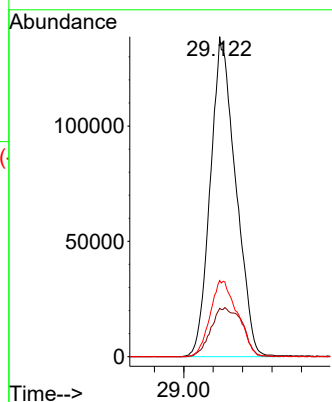
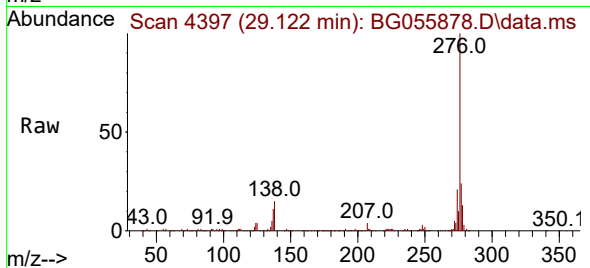
Tgt Ion:276 Resp: 828902

Ion Ratio Lower Upper

276 100

138 19.0 10.4 15.6#

277 25.6 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 44.441 ng

RT: 24.157 min Scan# 3552

Delta R.T. -0.012 min

Lab File: BG055878.D

Acq: 2 Dec 2022 17:47

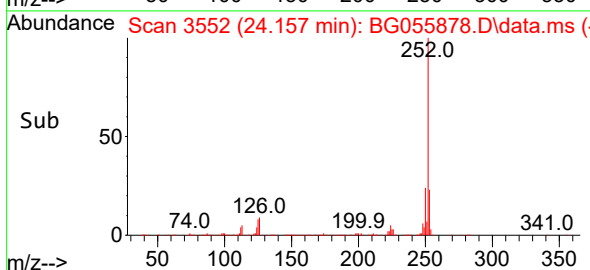
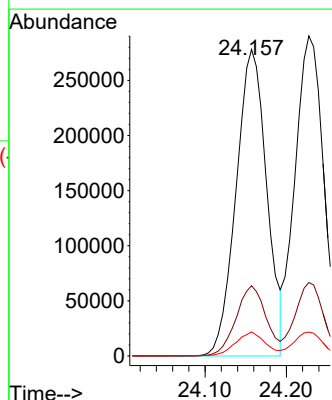
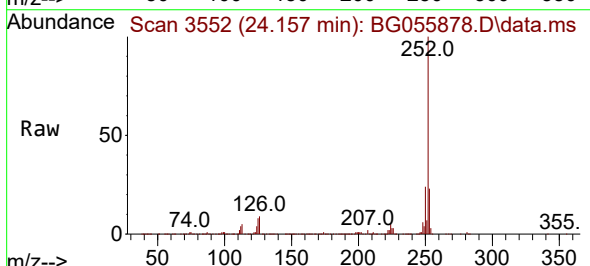
Tgt Ion:252 Resp: 728096

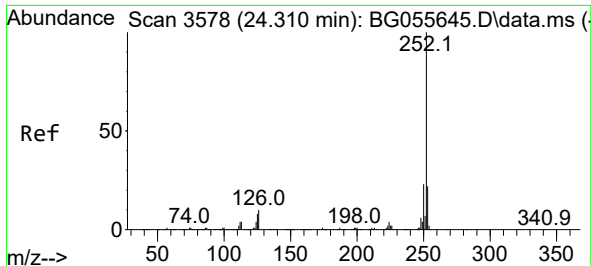
Ion Ratio Lower Upper

252 100

253 22.9 18.0 27.0

125 7.9 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 43.429 ng

RT: 24.228 min Scan# 3

Delta R.T. -0.012 min

Lab File: BG055878.D

Acq: 2 Dec 2022 17:47

Instrument :

BNA_G

ClientSampleId :

PE-5MS

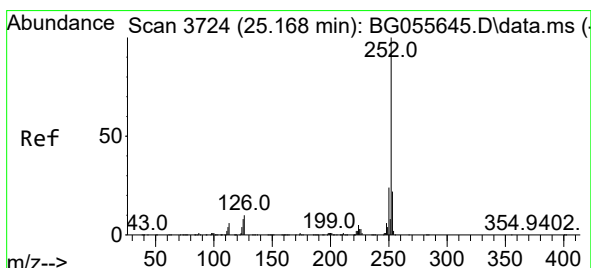
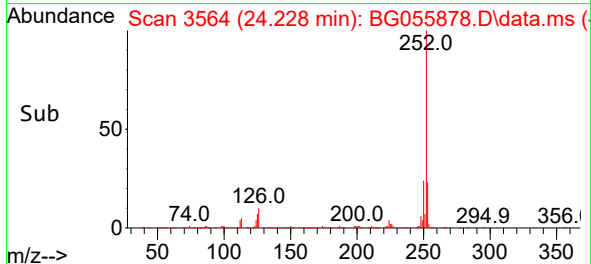
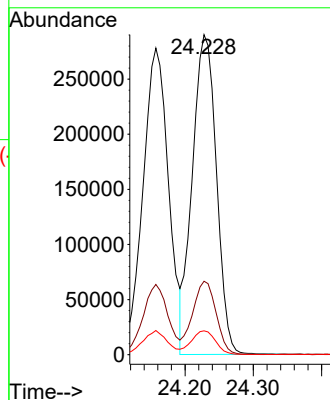
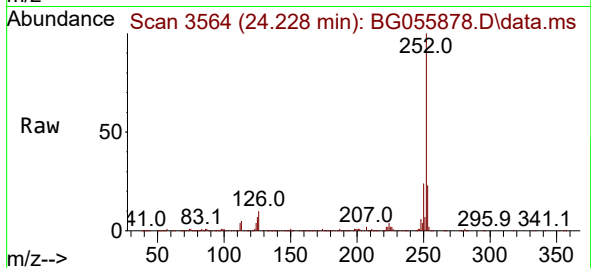
Tgt Ion:252 Resp: 709232

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.6

125 7.4 6.1 9.1



#90

Benzo(a)pyrene

Concen: 46.081 ng

RT: 25.080 min Scan# 3709

Delta R.T. -0.012 min

Lab File: BG055878.D

Acq: 2 Dec 2022 17:47

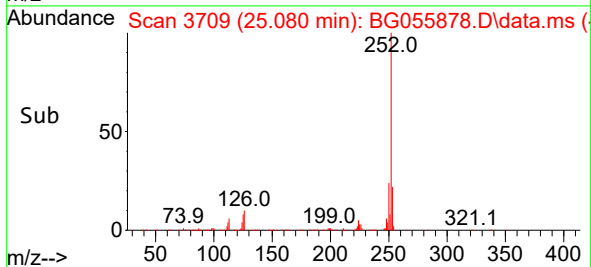
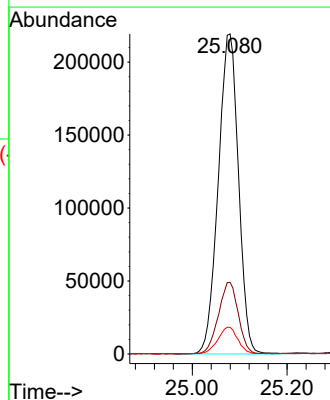
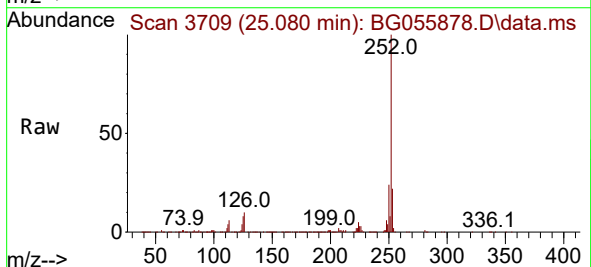
Tgt Ion:252 Resp: 647852

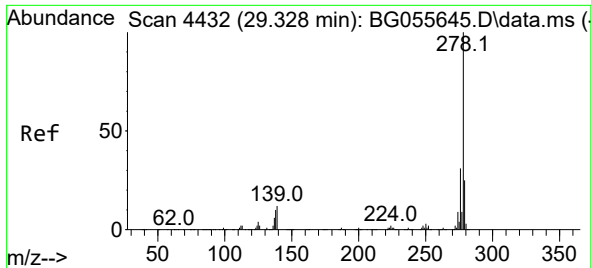
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

125 8.3 6.4 9.6

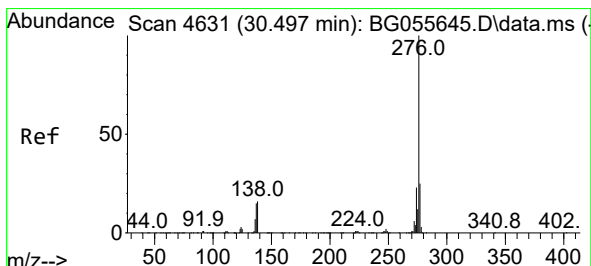
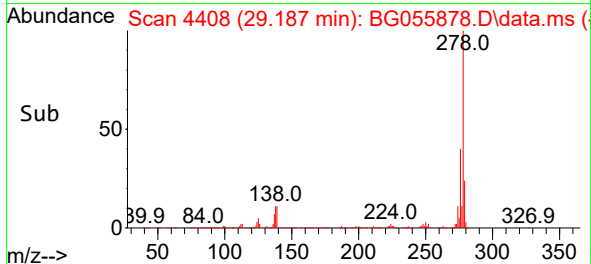
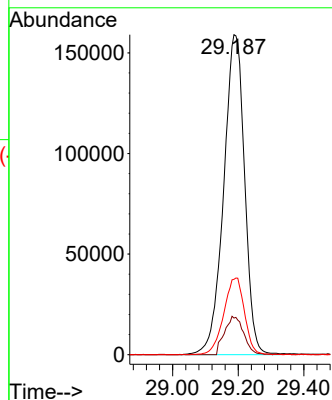
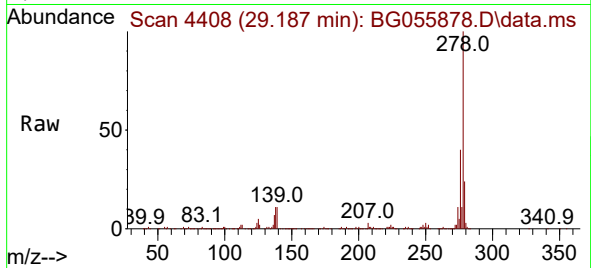




#91
Dibenzo(a,h)anthracene
Concen: 41.831 ng
RT: 29.187 min Scan# 4432
Delta R.T. -0.024 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

Instrument :
BNA_G
ClientSampleId :
PE-5MS

Tgt Ion:278 Resp: 704483
Ion Ratio Lower Upper
278 100
139 11.4 9.8 14.8
279 23.6 19.8 29.6



#92
Benzo(g,h,i)perylene
Concen: 40.692 ng
RT: 30.362 min Scan# 4608
Delta R.T. -0.012 min
Lab File: BG055878.D
Acq: 2 Dec 2022 17:47

Tgt Ion:276 Resp: 690688
Ion Ratio Lower Upper
276 100
277 23.8 19.8 29.6
138 15.9 13.1 19.7

