

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101922\
 Data File : BG055214.D
 Acq On : 19 Oct 2022 20:35
 Operator : CG/JU
 Sample : PB148413BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148413BS

Quant Time: Oct 20 09:41:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 20 09:21:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.288	152	36813	20.000	ng	0.00
21) Naphthalene-d8	11.120	136	181434	20.000	ng	0.00
39) Acenaphthene-d10	14.898	164	127059	20.000	ng	0.00
64) Phenanthrene-d10	17.630	188	286973	20.000	ng	0.00
76) Chrysene-d12	21.919	240	242072	20.000	ng	0.00
86) Perylene-d12	25.327	264	245686	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.808	112	355873	173.924	ng	0.00
7) Phenol-d6	7.430	99	506730	162.524	ng	0.00
23) Nitrobenzene-d5	9.463	82	312927	83.267	ng	0.00
42) 2,4,6-Tribromophenol	16.378	330	191221	145.240	ng	0.00
45) 2-Fluorobiphenyl	13.529	172	675425	84.910	ng	0.00
79) Terphenyl-d14	20.209	244	1106626	85.180	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.623	88	35485	35.661	ng	95
3) Pyridine	4.040	79	102707	32.778	ng	98
4) n-Nitrosodimethylamine	3.946	42	65015	44.342	ng	99
6) Aniline	7.600	93	185761	45.956	ng	98
8) 2-Chlorophenol	7.847	128	132724	53.650	ng	99
9) Benzaldehyde	7.412	77	87340	40.298	ng	97
10) Phenol	7.454	94	188366	53.476	ng	100
11) bis(2-Chloroethyl)ether	7.694	93	127428	46.985	ng	98
12) 1,3-Dichlorobenzene	8.176	146	121856	45.408	ng	100
13) 1,4-Dichlorobenzene	8.323	146	125678	45.846	ng	99
14) 1,2-Dichlorobenzene	8.646	146	122761	46.999	ng	98
15) Benzyl Alcohol	8.523	79	140819	52.589	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.811	45	225636	46.163	ng	99
17) 2-Methylphenol	8.723	107	130633	53.577	ng	97
18) Hexachloroethane	9.387	117	46304	46.666	ng	94
19) n-Nitroso-di-n-propyla...	9.093	70	126114	47.161	ng	99
20) 3+4-Methylphenols	9.052	107	180648	52.713	ng	99
22) Acetophenone	9.116	105	213609	43.525	ng	# 99
24) Nitrobenzene	9.504	77	170007	42.305	ng	99
25) Isophorone	10.027	82	348467	45.321	ng	99
26) 2-Nitrophenol	10.221	139	76627	48.474	ng	98
27) 2,4-Dimethylphenol	10.268	122	145883	57.950	ng	96
28) bis(2-Chloroethoxy)met...	10.503	93	194550	52.656	ng	100
29) 2,4-Dichlorophenol	10.756	162	133768	49.769	ng	97
30) 1,2,4-Trichlorobenzene	10.979	180	116072	42.179	ng	98
31) Naphthalene	11.173	128	425076	44.400	ng	99
32) Benzoic acid	10.403	122	89518	49.678	ng	98
33) 4-Chloroaniline	11.267	127	153497	38.936	ng	98
34) Hexachlorobutadiene	11.449	225	64580	38.863	ng	97
35) Caprolactam	12.036	113	31837	26.954	ng	92
36) 4-Chloro-3-methylphenol	12.365	107	174106	49.818	ng	96
37) 2-Methylnaphthalene	12.753	142	312600	42.927	ng	99
38) 1-Methylnaphthalene	12.971	142	298435	41.513	ng	100
40) 1,2,4,5-Tetrachloroben...	13.112	216	135586	45.399	ng	98
41) Hexachlorocyclopentadiene	13.088	237	153211	112.647	ng	97
43) 2,4,6-Trichlorophenol	13.341	196	106744	46.960	ng	99

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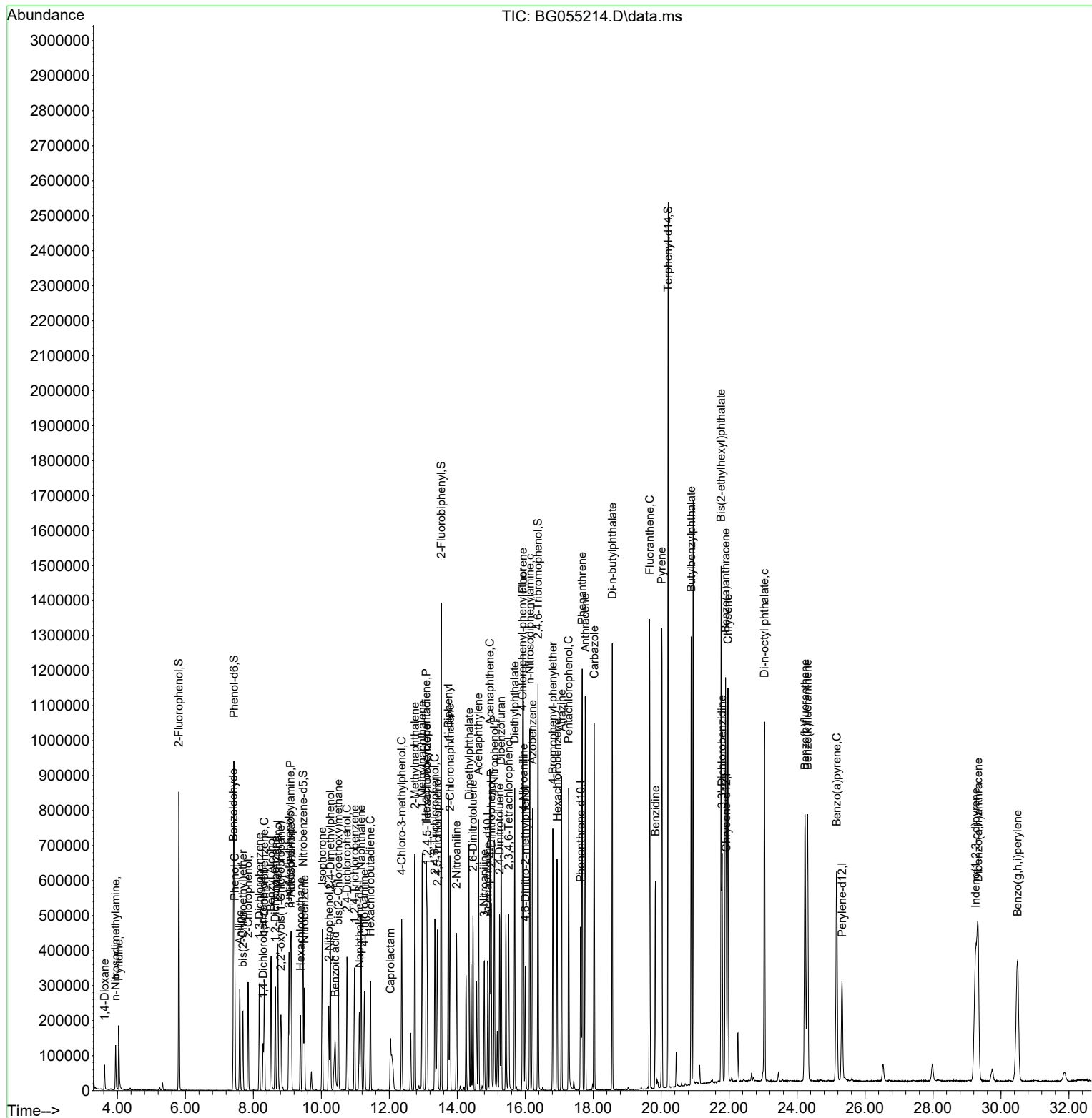
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44) 2,4,5-Trichlorophenol	13.417	196	118654	47.580	ng	98
46) 1,1'-Biphenyl	13.740	154	424280	47.158	ng	100
47) 2-Chloronaphthalene	13.787	162	309037	44.616	ng	99
48) 2-Nitroaniline	13.981	65	130699	46.497	ng	98
49) Acenaphthylene	14.627	152	540236	45.592	ng	99
50) Dimethylphthalate	14.345	163	448801	44.906	ng	100
51) 2,6-Dinitrotoluene	14.463	165	95355	47.550	ng	97
52) Acenaphthene	14.962	154	332942	44.131	ng	98
53) 3-Nitroaniline	14.792	138	92196	36.908	ng	99
54) 2,4-Dinitrophenol	15.004	184	106883	105.723	ng	98
55) Dibenzofuran	15.291	168	507398	46.692	ng	100
56) 4-Nitrophenol	15.092	139	181305	103.225	ng	96
57) 2,4-Dinitrotoluene	15.250	165	137034	48.870	ng	97
58) Fluorene	15.938	166	419434	45.832	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.515	232	98933	45.556	ng	96
60) Diethylphthalate	15.691	149	488667	46.737	ng	99
61) 4-Chlorophenyl-phenyle...	15.920	204	200001	47.085	ng	97
62) 4-Nitroaniline	15.955	138	118503	46.767	ng	96
63) Azobenzene	16.214	77	501343	47.443	ng	99
65) 4,6-Dinitro-2-methylph...	16.008	198	70042	45.692	ng	98
66) n-Nitrosodiphenylamine	16.137	169	378352	47.240	ng	99
67) 4-Bromophenyl-phenylether	16.813	248	127986	45.757	ng	99
68) Hexachlorobenzene	16.942	284	138074	45.103	ng	99
69) Atrazine	17.072	200	142208	53.872	ng	99
70) Pentachlorophenol	17.277	266	157548	95.360	ng	96
71) Phenanthrene	17.677	178	678945	44.337	ng	99
72) Anthracene	17.765	178	689549	46.080	ng	99
73) Carbazole	18.029	167	662487	48.075	ng	99
74) Di-n-butylphthalate	18.564	149	841076	46.794	ng	99
75) Fluoranthene	19.663	202	773451	45.597	ng	99
77) Benzidine	19.833	184	313483	50.925	ng	99
78) Pyrene	20.021	202	770302	42.231	ng	99
80) Butylbenzylphthalate	20.885	149	375036	43.989	ng	99
81) Benzo(a)anthracene	21.895	228	699304	44.536	ng	99
82) 3,3'-Dichlorobenzidine	21.796	252	218663	40.557	ng	99
83) Chrysene	21.966	228	649706	44.432	ng	98
84) Bis(2-ethylhexyl)phtha...	21.766	149	549171	49.230	ng	99
85) Di-n-octyl phthalate	23.041	149	911255	54.790	ng	# 95
87) Indeno(1,2,3-cd)pyrene	29.252	276	804361	47.072	ng	# 92
88) Benzo(b)fluoranthene	24.234	252	723072	49.561	ng	# 95
89) Benzo(k)fluoranthene	24.310	252	712468	48.218	ng	# 97
90) Benzo(a)pyrene	25.168	252	637718	50.926	ng	# 95
91) Dibenzo(a,h)anthracene	29.328	278	695711	49.696	ng	# 93
92) Benzo(g,h,i)perylene	30.491	276	688804	50.791	ng	# 89

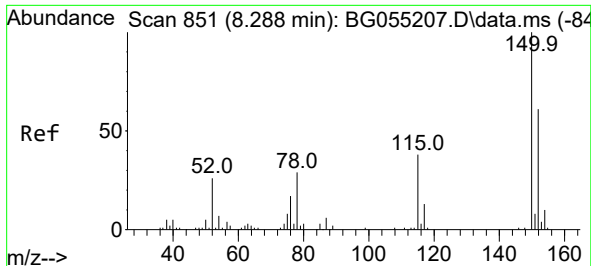
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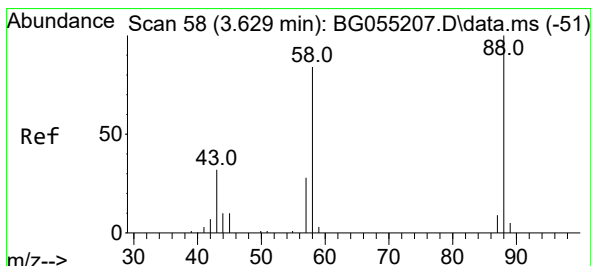
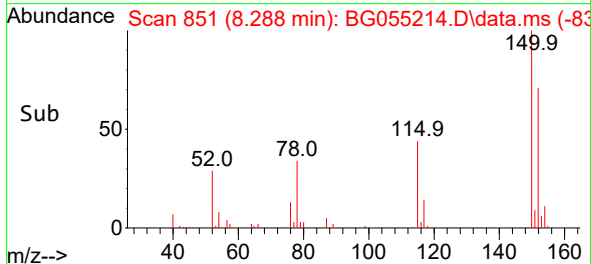
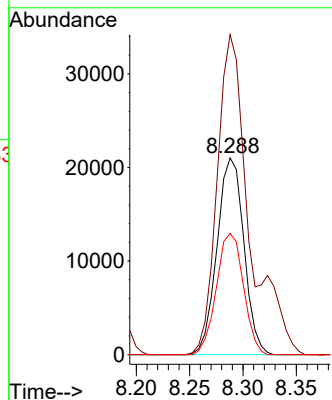
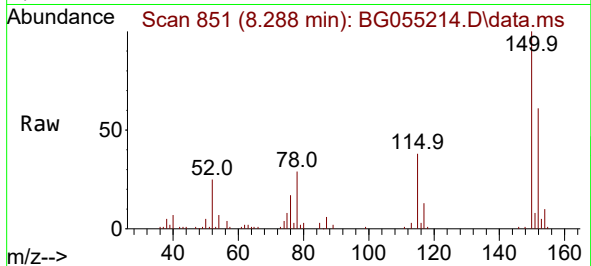




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.288 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BG055214.D
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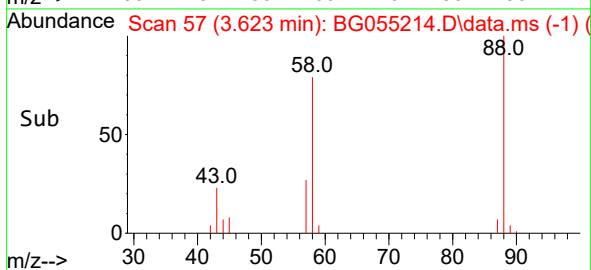
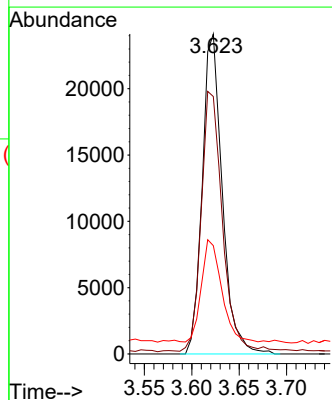
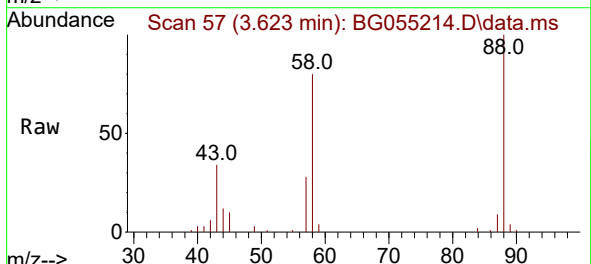
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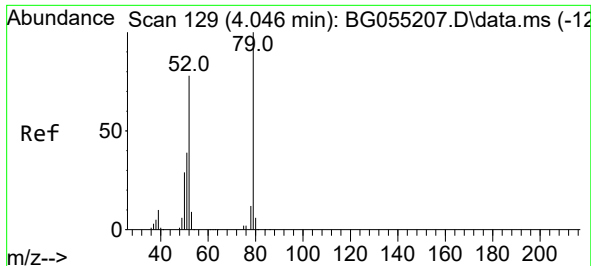
Tgt Ion:152 Resp: 36813
 Ion Ratio Lower Upper
 152 100
 150 162.7 130.2 195.2
 115 61.7 50.0 75.0



#2
 1,4-Dioxane
 Concen: 35.661 ng
 RT: 3.623 min Scan# 57
 Delta R.T. -0.006 min
 Lab File: BG055214.D
 Acq: 19 Oct 2022 20:35

Tgt Ion: 88 Resp: 35485
 Ion Ratio Lower Upper
 88 100
 58 85.5 63.9 95.9
 43 32.1 26.0 39.0

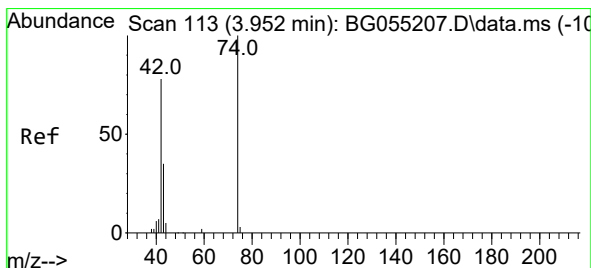
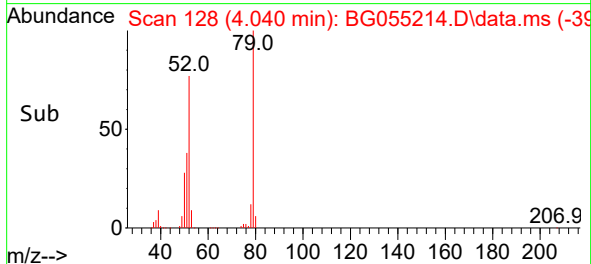
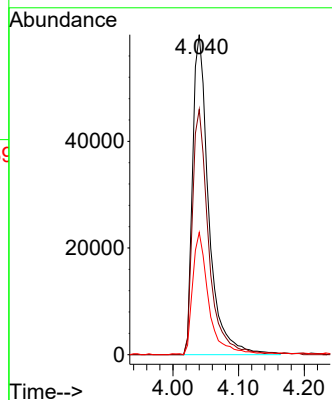
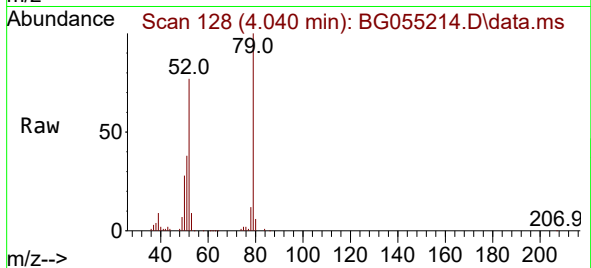




#3
Pyridine
Concen: 32.778 ng
RT: 4.040 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

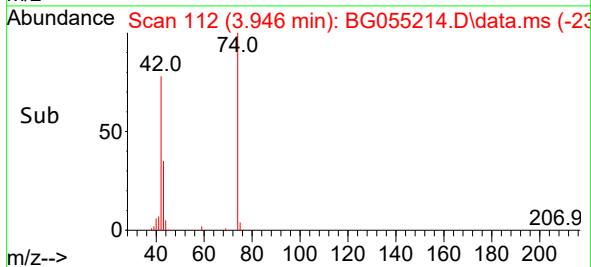
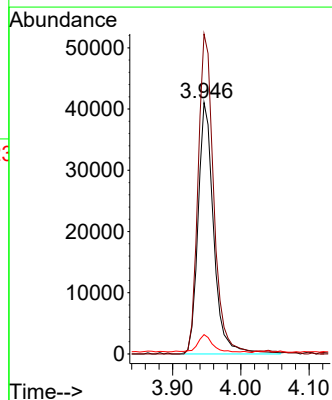
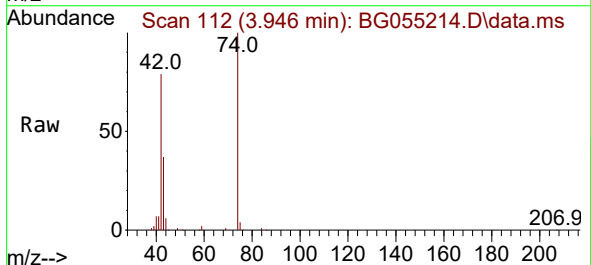
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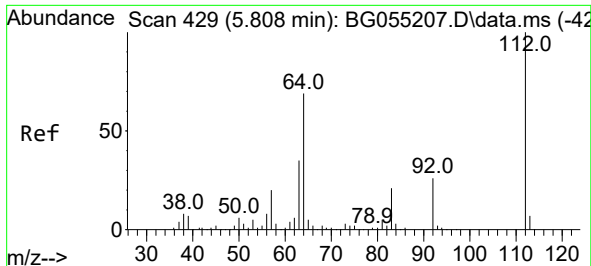
Tgt Ion: 79 Resp: 102707
Ion Ratio Lower Upper
79 100
52 76.7 62.7 94.1
51 38.2 31.4 47.0



#4
n-Nitrosodimethylamine
Concen: 44.342 ng
RT: 3.946 min Scan# 112
Delta R.T. -0.006 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

Tgt Ion: 42 Resp: 65015
Ion Ratio Lower Upper
42 100
74 127.3 102.7 154.1
44 7.7 5.4 8.2

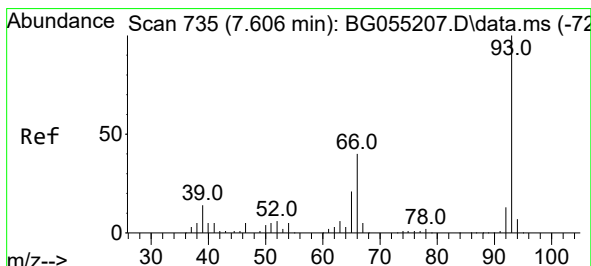
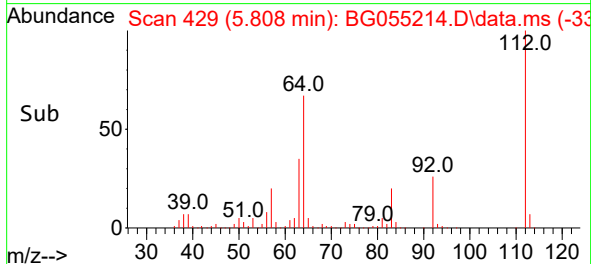
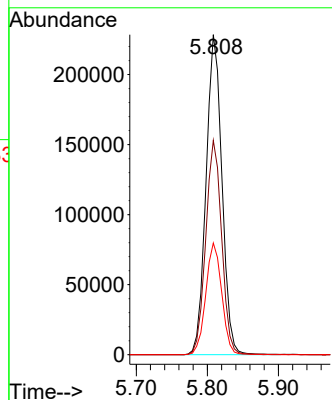
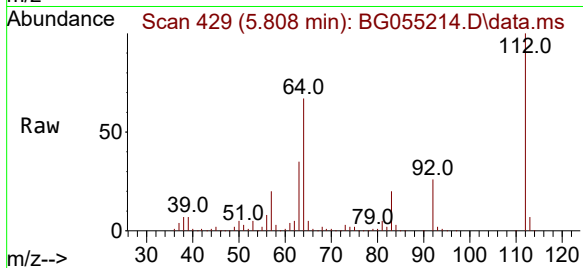




#5
2-Fluorophenol
Concen: 173.924 ng
RT: 5.808 min Scan# 41
Delta R.T. 0.000 min
Lab File: BG055214.D
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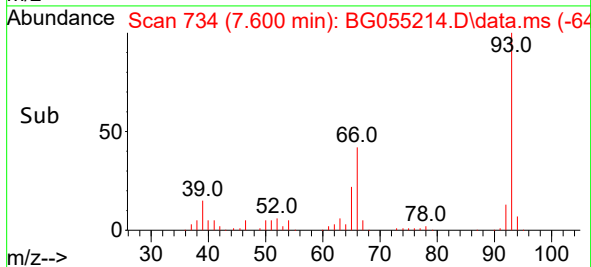
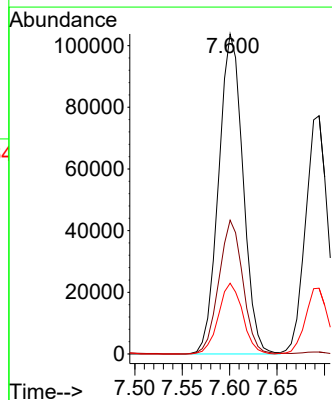
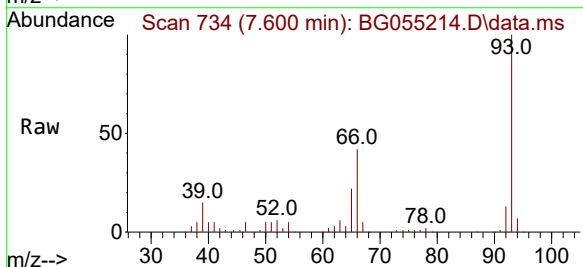
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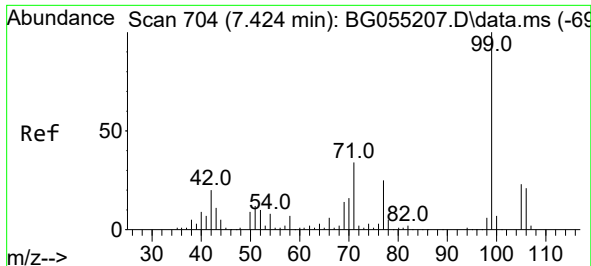
Tgt Ion:112 Resp: 355873
Ion Ratio Lower Upper
112 100
64 67.0 55.1 82.7
63 34.9 27.8 41.6



#6
Aniline
Concen: 45.956 ng
RT: 7.600 min Scan# 734
Delta R.T. -0.006 min
Lab File: BG055214.D
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Tgt Ion: 93 Resp: 185761
Ion Ratio Lower Upper
93 100
66 41.8 32.3 48.5
65 22.1 16.9 25.3

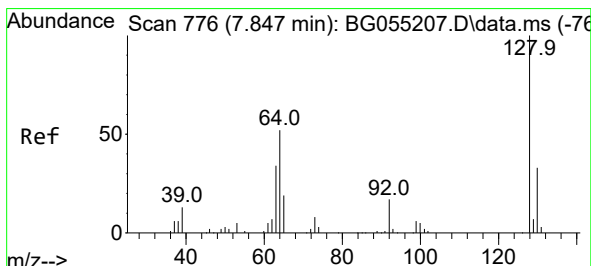
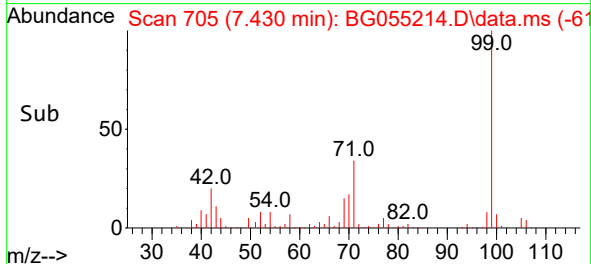
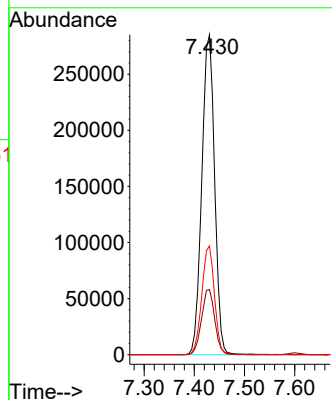
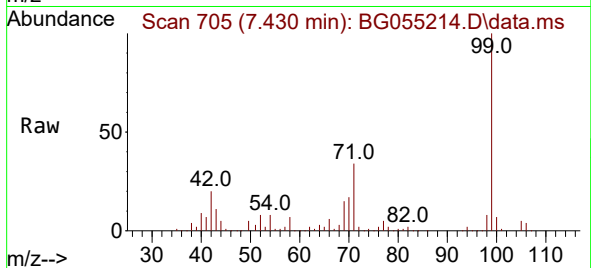




#7
Phenol-d6
Concen: 162.524 ng
RT: 7.430 min Scan# 704
Delta R.T. 0.006 min
Lab File: BG055214.D
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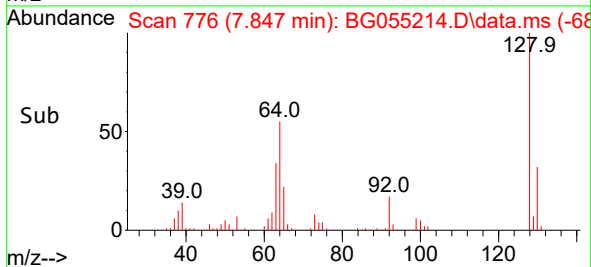
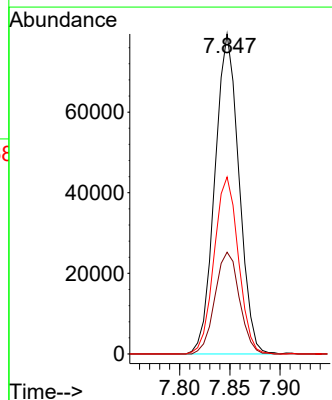
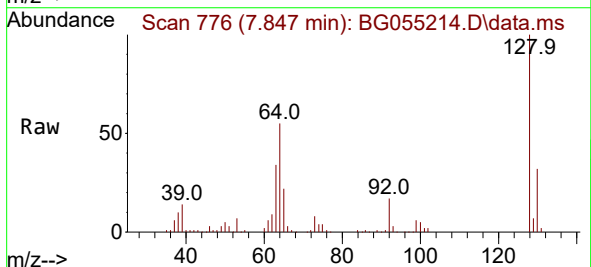
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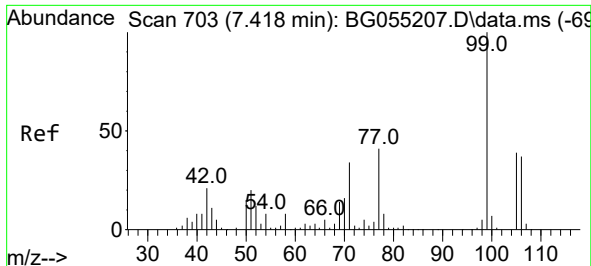
Tgt Ion: 99 Resp: 506730
Ion Ratio Lower Upper
99 100
42 20.3 16.2 24.4
71 34.0 27.3 40.9



#8
2-Chlorophenol
Concen: 53.650 ng
RT: 7.847 min Scan# 776
Delta R.T. -0.000 min
Lab File: BG055214.D
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Tgt Ion:128 Resp: 132724
Ion Ratio Lower Upper
128 100
130 31.8 12.6 52.6
64 55.3 36.2 76.2

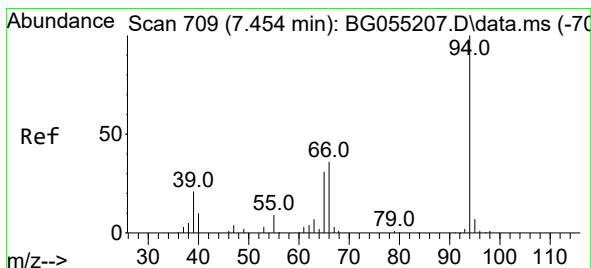
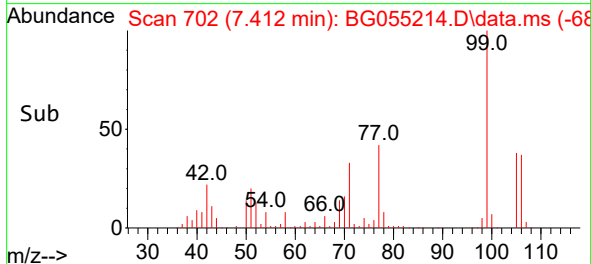
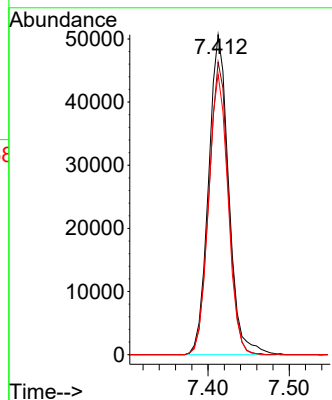
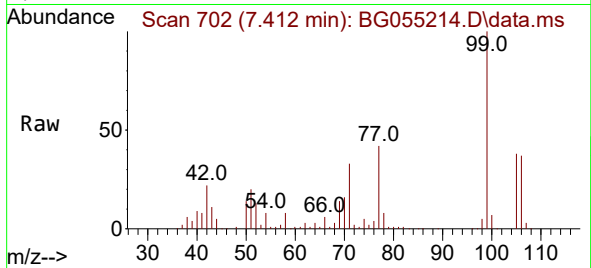




#9
Benzaldehyde
Concen: 40.298 ng
RT: 7.412 min Scan# 702
Delta R.T. -0.006 min
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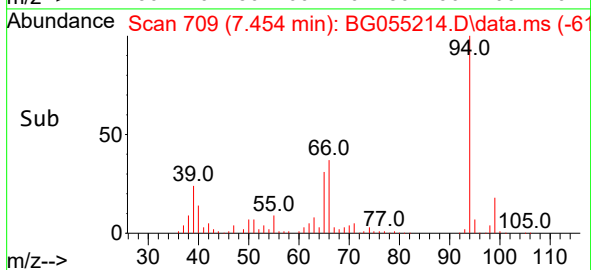
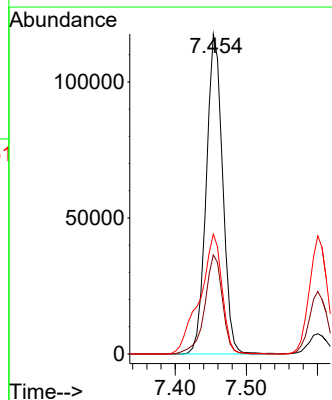
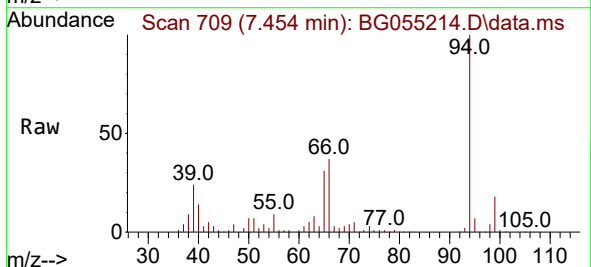
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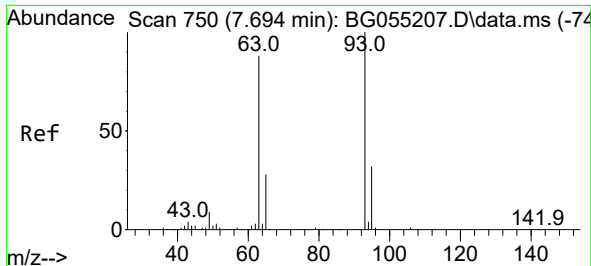
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Ion Ratio Lower Upper
77 100
105 91.5 74.9 114.9
106 87.6 69.5 109.5



#10
Phenol
Concen: 53.476 ng
RT: 7.454 min Scan# 709
Delta R.T. -0.000 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

Tgt Ion: 94 Resp: 188366
Ion Ratio Lower Upper
94 100
65 30.9 11.0 51.0
66 37.4 17.4 57.4

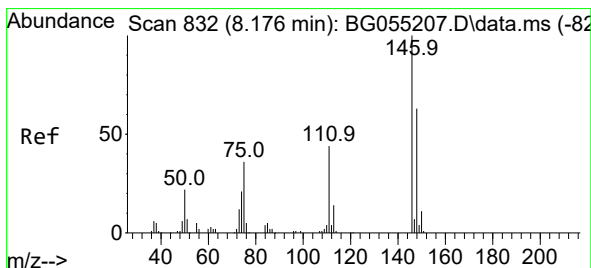
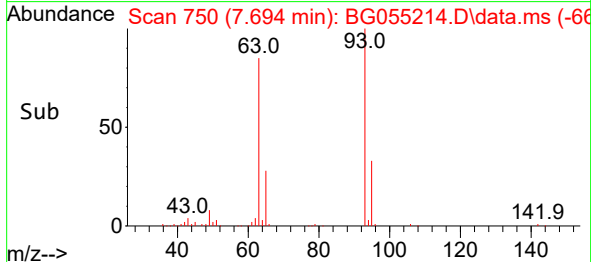
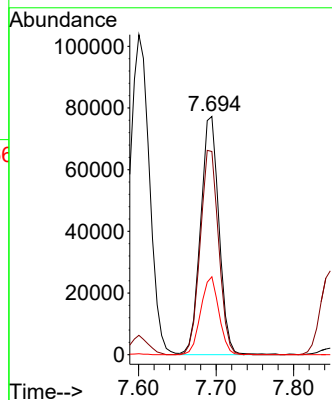
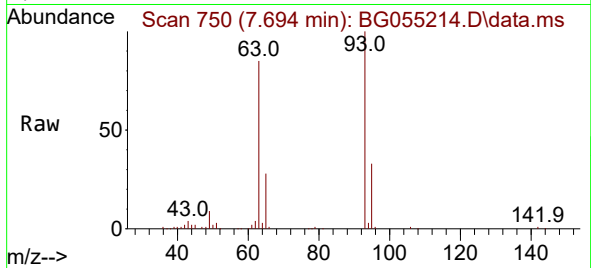




#11
bis(2-Chloroethyl)ether
Concen: 46.985 ng
RT: 7.694 min Scan# 750
Delta R.T. -0.000 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

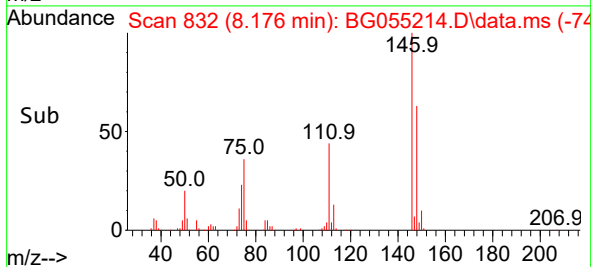
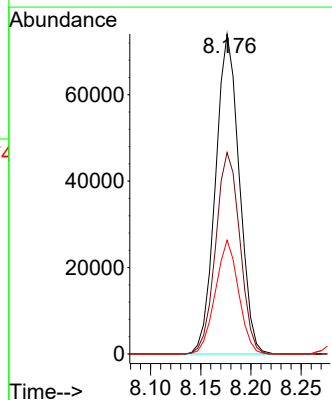
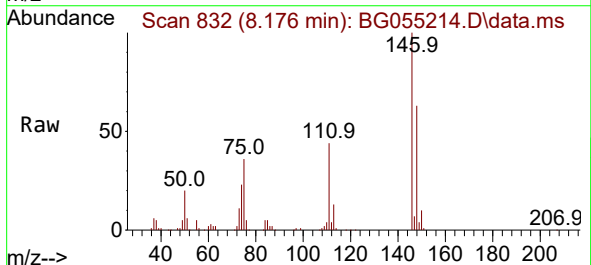
Instrument :
BNA_G
ClientSampleId :
PB148413BS

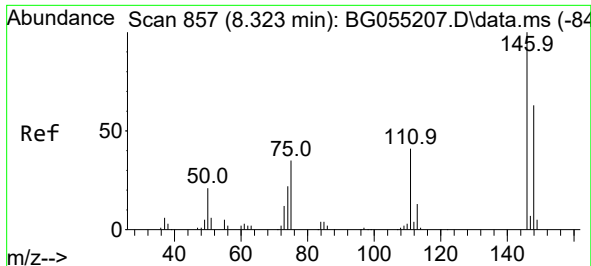
Tgt Ion: 93 Resp: 127428
Ion Ratio Lower Upper
93 100
63 85.3 67.0 107.0
95 32.7 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 45.408 ng
RT: 8.176 min Scan# 832
Delta R.T. -0.000 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

Tgt Ion: 146 Resp: 121856
Ion Ratio Lower Upper
146 100
148 63.0 50.4 75.6
75 35.6 28.4 42.6

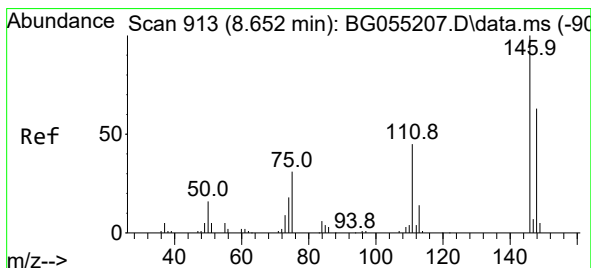
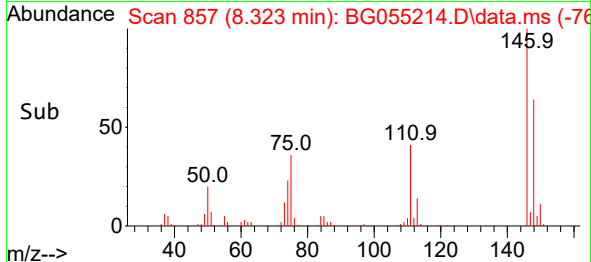
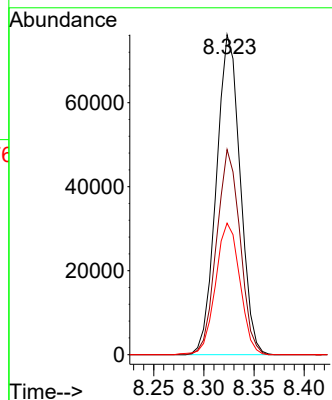
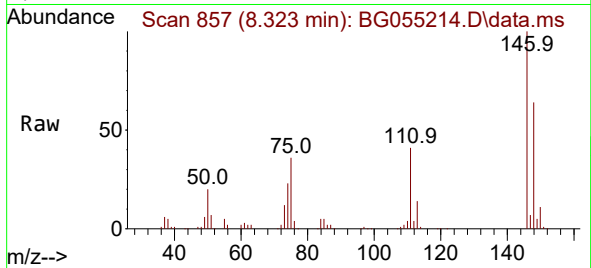




#13
1,4-Dichlorobenzene
Concen: 45.846 ng
RT: 8.323 min Scan# 857
Delta R.T. -0.000 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

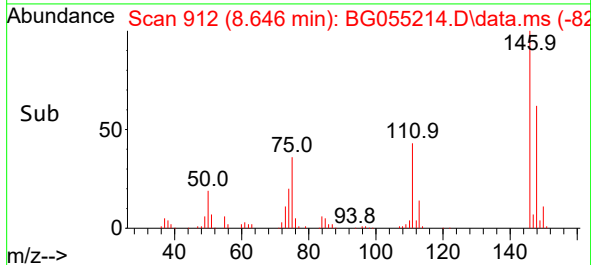
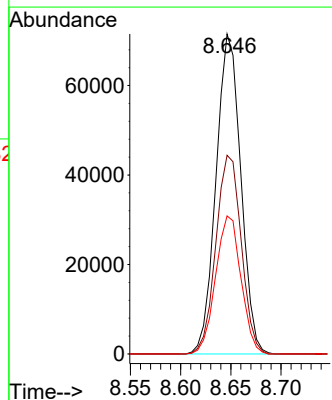
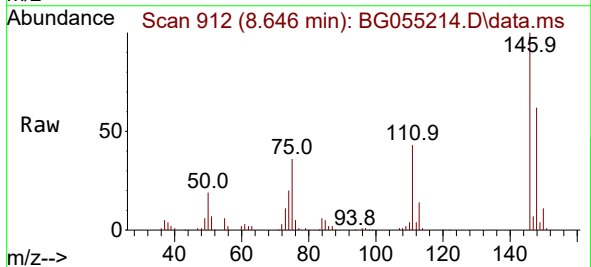
Instrument :
BNA_G
ClientSampleId :
PB148413BS

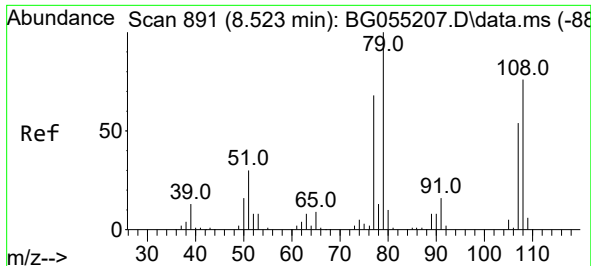
Tgt Ion:146 Resp: 125678
Ion Ratio Lower Upper
146 100
148 64.1 50.4 75.6
111 41.1 32.9 49.3



#14
1,2-Dichlorobenzene
Concen: 46.999 ng
RT: 8.646 min Scan# 912
Delta R.T. -0.006 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

Tgt Ion:146 Resp: 122761
Ion Ratio Lower Upper
146 100
148 62.1 50.0 75.0
111 43.2 36.4 54.6



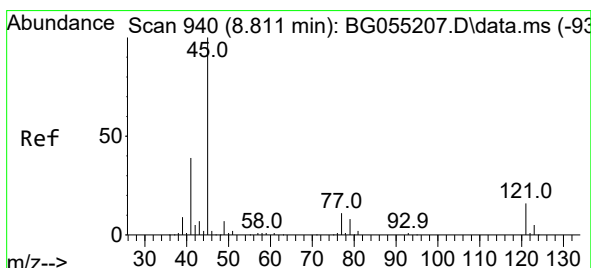
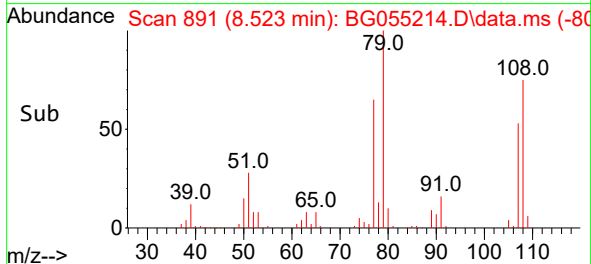
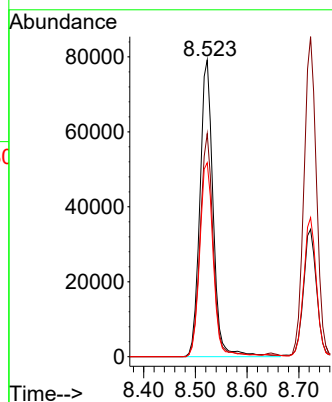
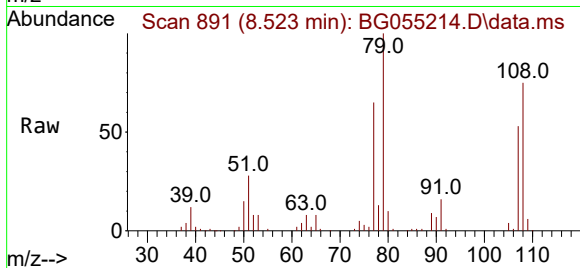


#15
Benzyl Alcohol
Concen: 52.589 ng
RT: 8.523 min Scan# 891
Delta R.T. -0.000 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

Instrument :
BNA_G
ClientSampleId :
PB148413BS

Tgt Ion: 79 Resp: 140819

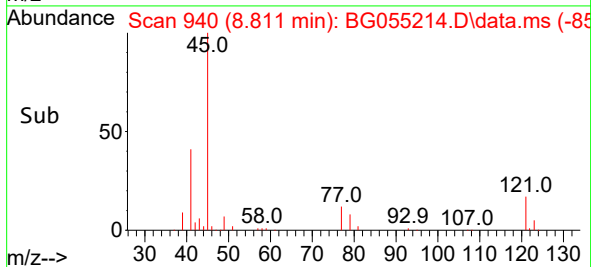
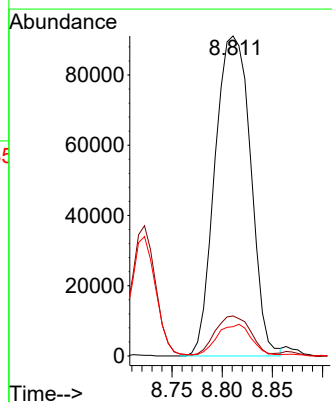
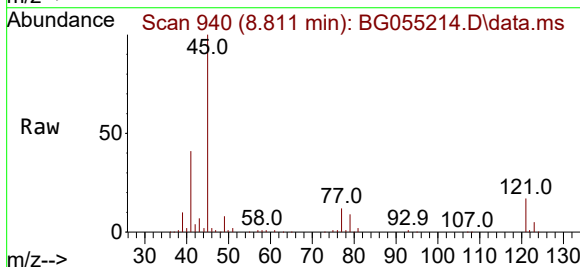
Ion	Ratio	Lower	Upper
79	100		
108	75.1	61.0	91.6
77	65.3	54.7	82.1

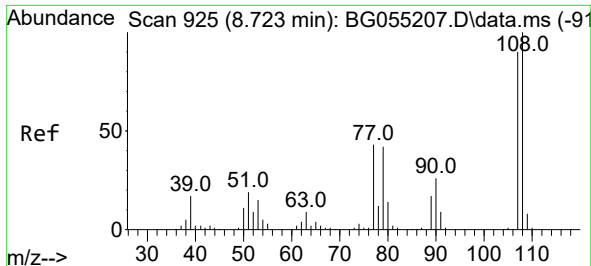


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.163 ng
RT: 8.811 min Scan# 940
Delta R.T. -0.000 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

Tgt Ion: 45 Resp: 225636

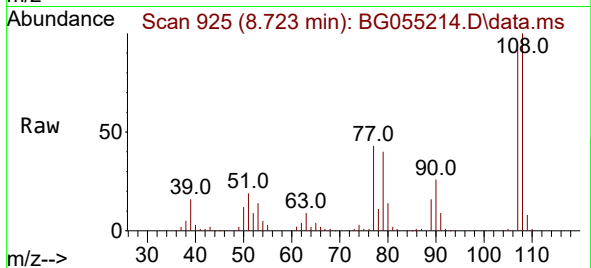
Ion	Ratio	Lower	Upper
45	100		
77	12.5	0.0	31.9
79	9.2	0.0	28.8



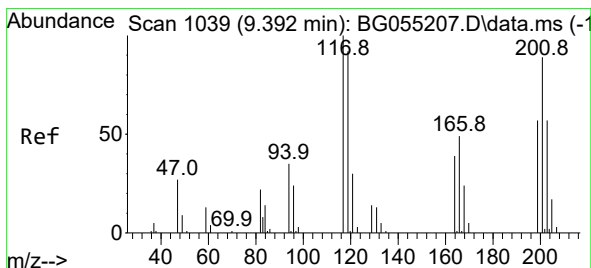
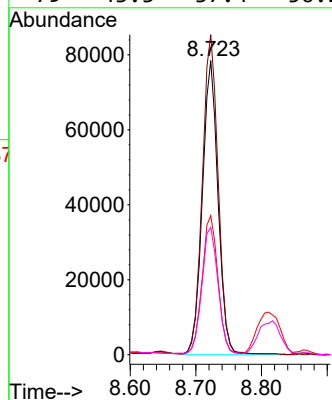
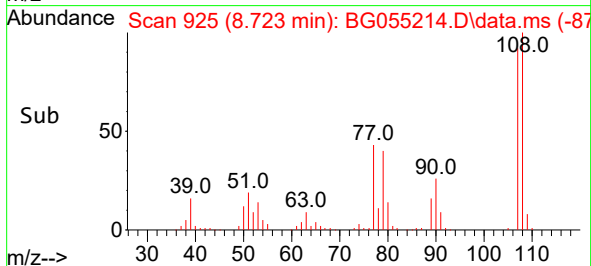


#17
2-Methylphenol
Concen: 53.577 ng
RT: 8.723 min Scan# 91
Delta R.T. -0.000 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

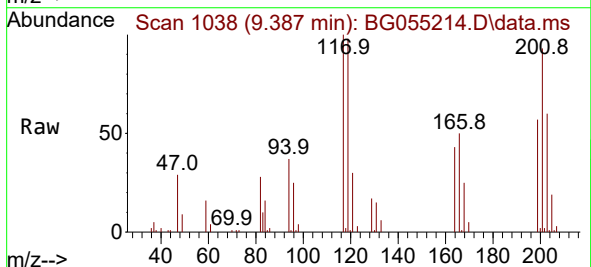
Instrument :
BNA_G
ClientSampleId :
PB148413BS



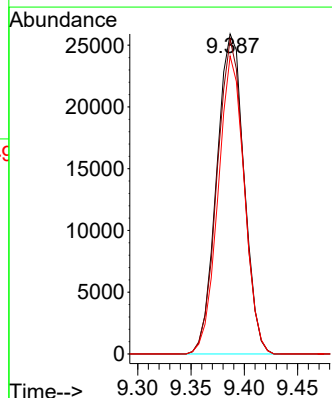
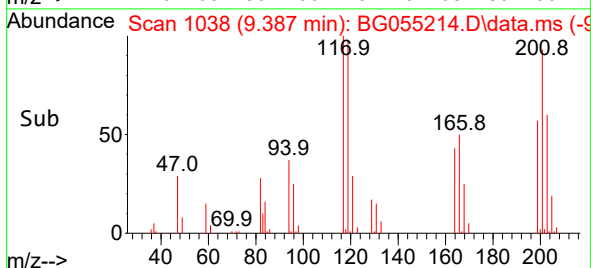
Tgt Ion:	107	Resp:	130633
Ion	Ratio	Lower	Upper
107	100		
108	108.8	88.8	133.2
77	47.3	38.6	57.8
79	43.3	37.4	56.2

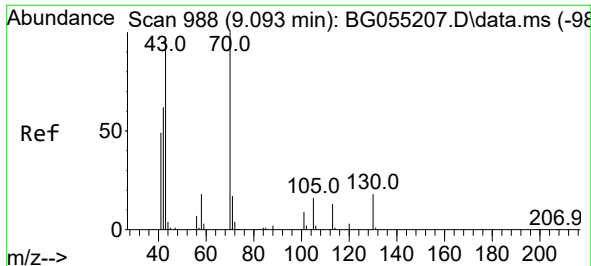


#18
Hexachloroethane
Concen: 46.666 ng
RT: 9.387 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35



Tgt Ion:	117	Resp:	46304
Ion	Ratio	Lower	Upper
117	100		
119	98.3	74.0	111.0
201	95.1	71.3	106.9



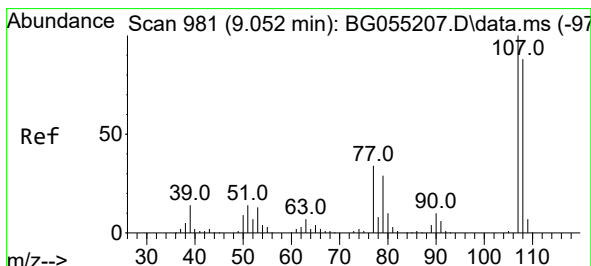
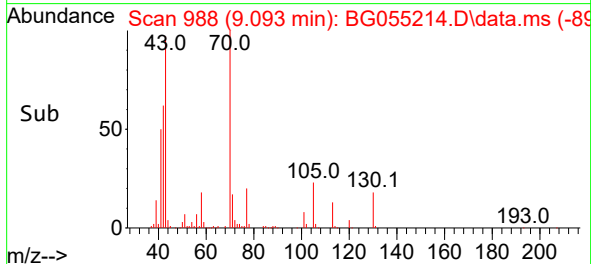
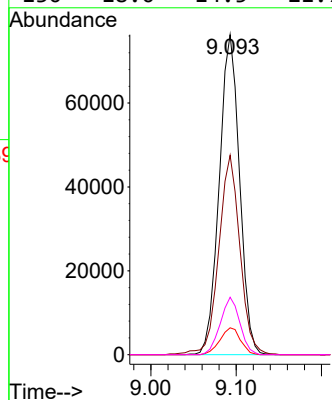
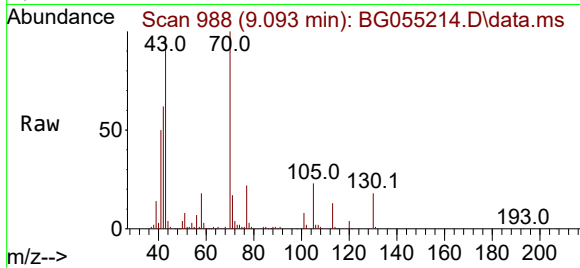


#19
n-Nitroso-di-n-propylamine
Concen: 47.161 ng
RT: 9.093 min Scan# 988
Delta R.T. -0.000 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

Instrument :
BNA_G
ClientSampleId :
PB148413BS

Tgt Ion: 70 Resp: 126114

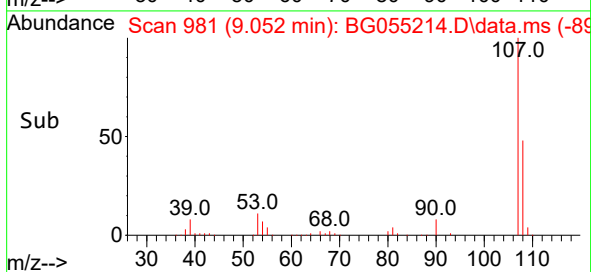
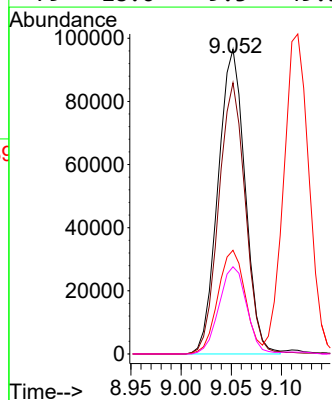
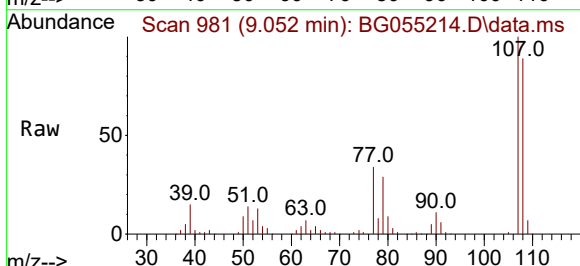
Ion	Ratio	Lower	Upper
70	100		
42	62.3	50.8	76.2
101	8.4	7.0	10.6
130	18.0	14.5	21.7

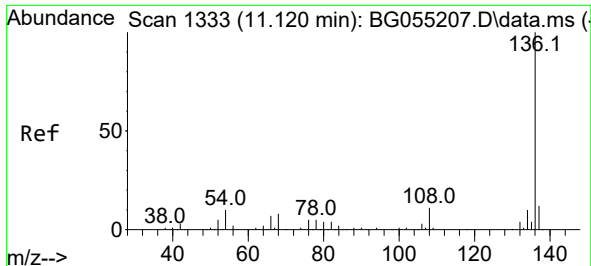


#20
3+4-Methylphenols
Concen: 52.713 ng
RT: 9.052 min Scan# 981
Delta R.T. -0.000 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

Tgt Ion: 107 Resp: 180648

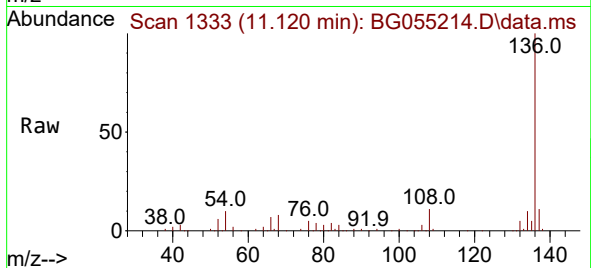
Ion	Ratio	Lower	Upper
107	100		
108	89.0	67.5	107.5
77	34.0	14.4	54.4
79	28.6	9.3	49.3



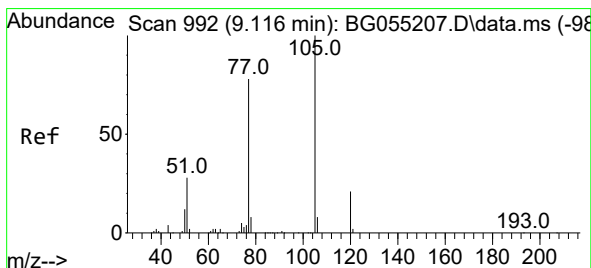
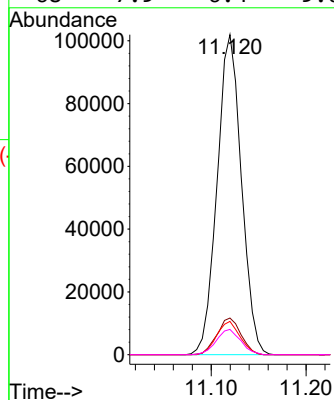
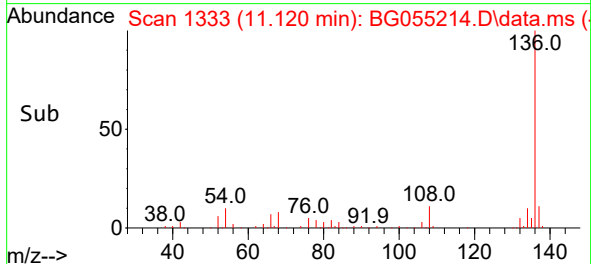


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.120 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

Instrument :
BNA_G
ClientSampleId :
PB148413BS

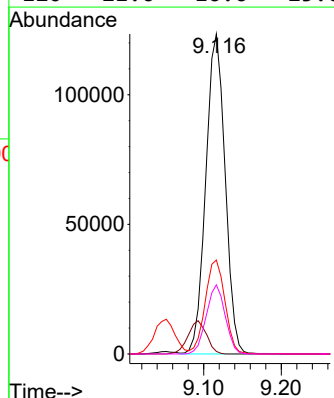
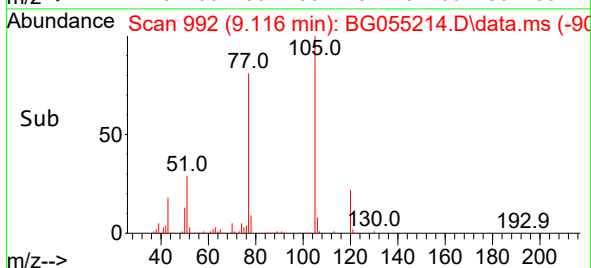
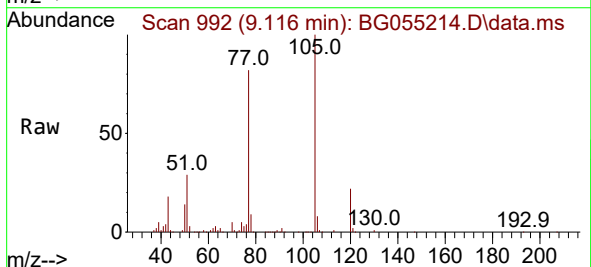


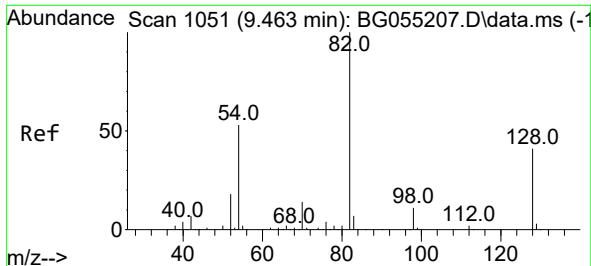
Tgt Ion:136 Resp: 181434
Ion Ratio Lower Upper
136 100
137 11.4 9.3 13.9
54 10.4 8.2 12.4
68 7.9 6.4 9.6



#22
Acetophenone
Concen: 43.525 ng
RT: 9.116 min Scan# 992
Delta R.T. -0.000 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

Tgt Ion:105 Resp: 213609
Ion Ratio Lower Upper
105 100
71 0.8 1.0 1.4#
51 29.4 24.0 36.0
120 21.6 16.6 25.0

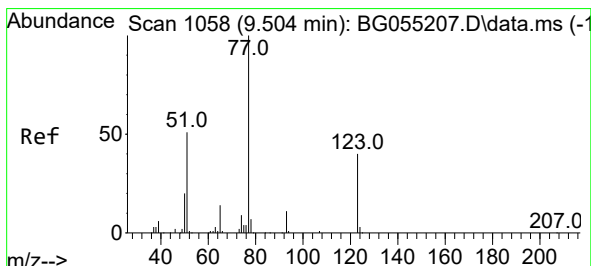
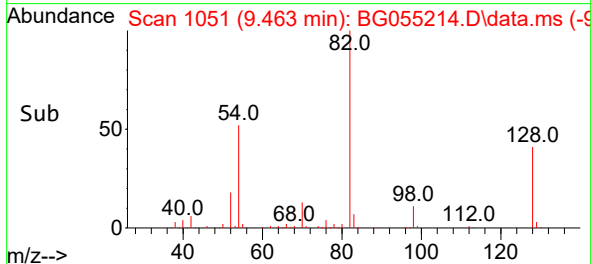
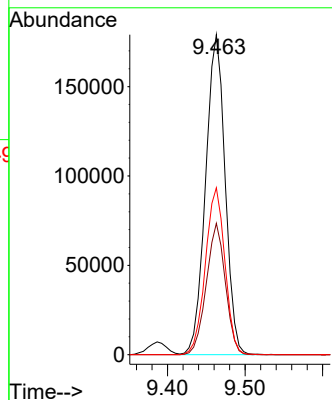
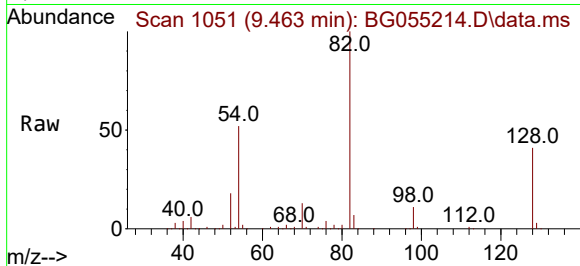




#23
Nitrobenzene-d5
Concen: 83.267 ng
RT: 9.463 min Scan# 1051
Delta R.T. -0.000 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

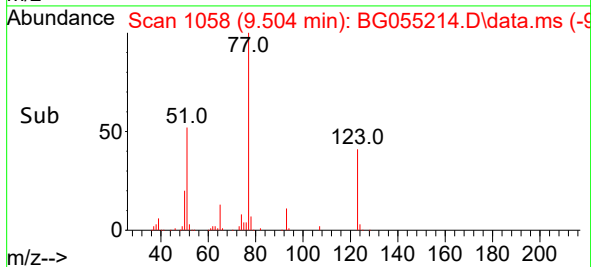
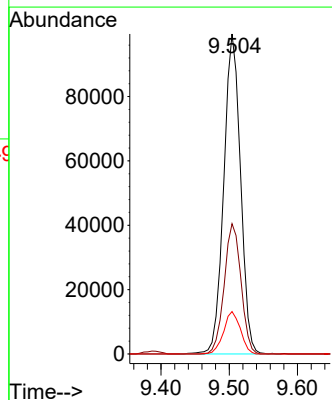
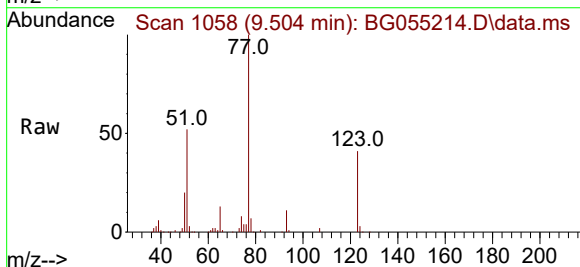
Instrument :
BNA_G
ClientSampleId :
PB148413BS

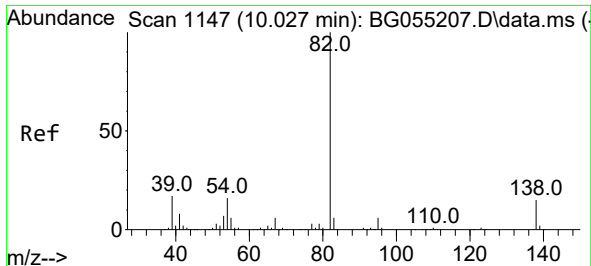
Tgt Ion: 82 Resp: 312927
Ion Ratio Lower Upper
82 100
128 41.0 32.3 48.5
54 52.2 42.6 63.8



#24
Nitrobenzene
Concen: 42.305 ng
RT: 9.504 min Scan# 1058
Delta R.T. 0.000 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

Tgt Ion: 77 Resp: 170007
Ion Ratio Lower Upper
77 100
123 40.7 31.8 47.8
65 13.3 11.1 16.7

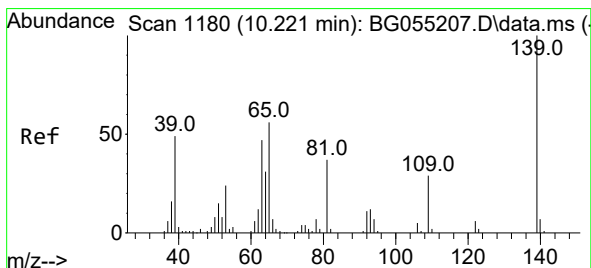
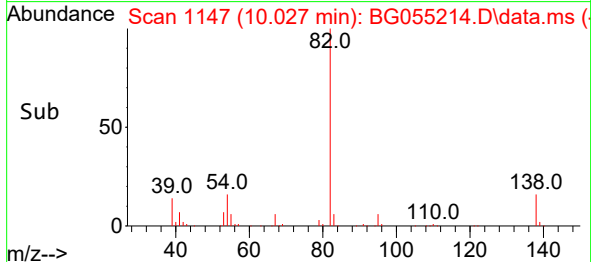
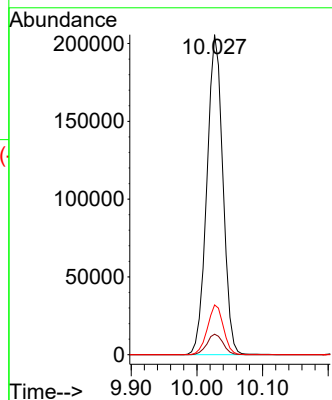
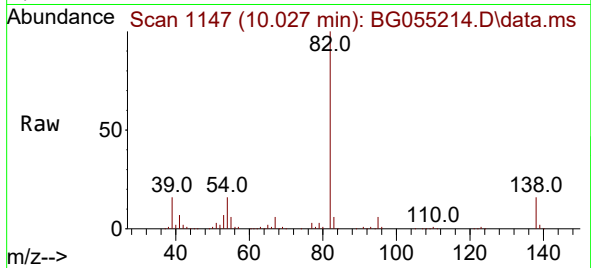




#25
Isophorone
Concen: 45.321 ng
RT: 10.027 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

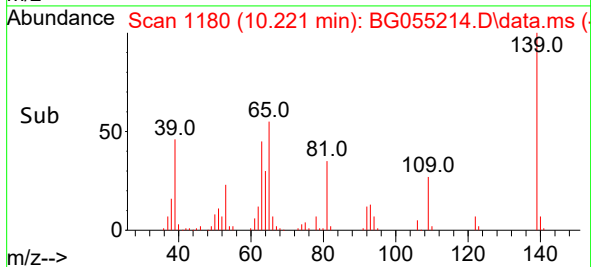
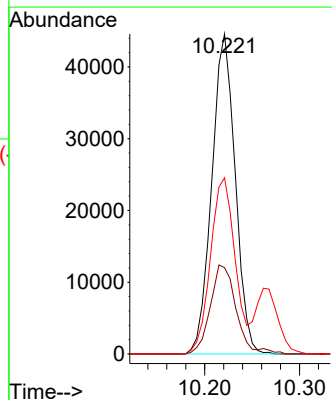
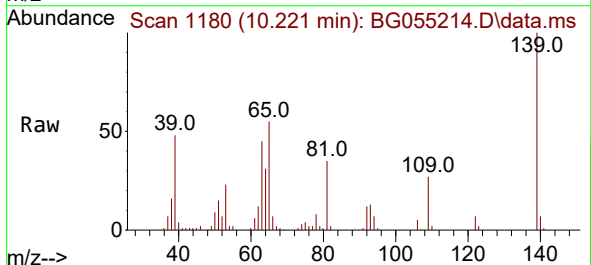
Instrument :
BNA_G
ClientSampleId :
PB148413BS

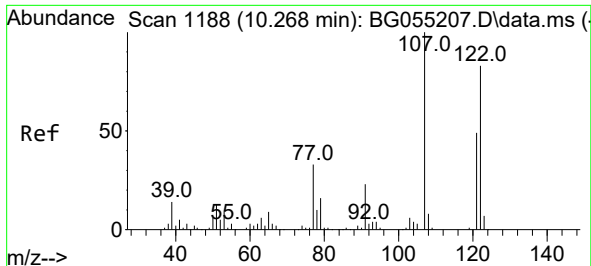
Tgt Ion: 82 Resp: 348467
Ion Ratio Lower Upper
82 100
95 6.4 5.0 7.6
138 15.6 12.2 18.4



#26
2-Nitrophenol
Concen: 48.474 ng
RT: 10.221 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

Tgt Ion:139 Resp: 76627
Ion Ratio Lower Upper
139 100
109 27.0 23.1 34.7
65 55.0 44.6 67.0

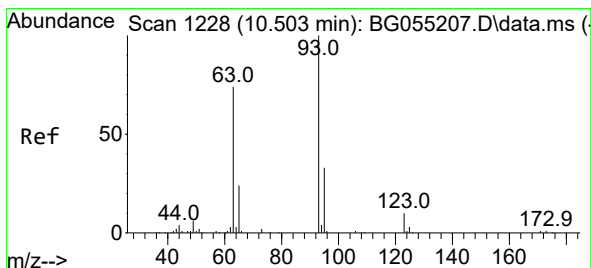
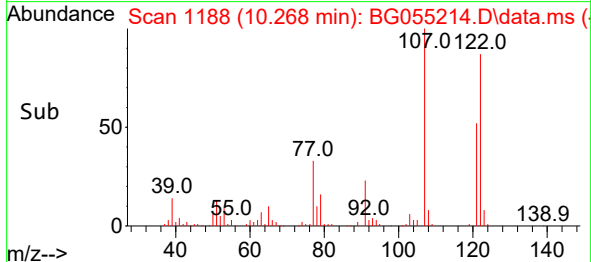
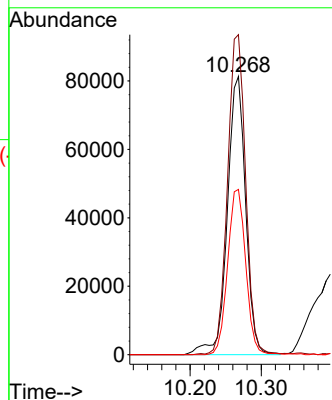
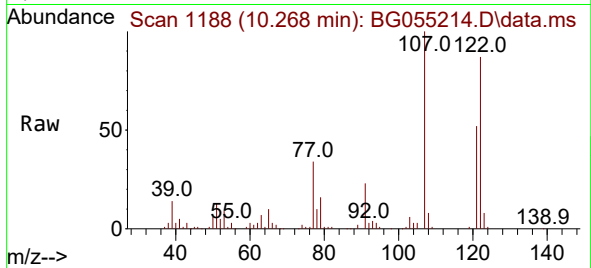




#27
2,4-Dimethylphenol
Concen: 57.950 ng
RT: 10.268 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

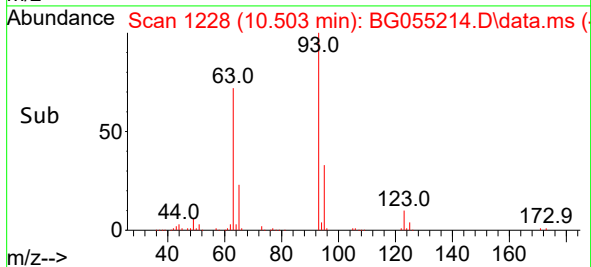
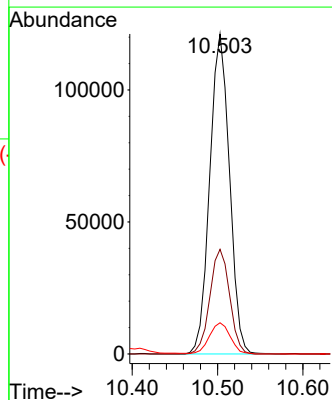
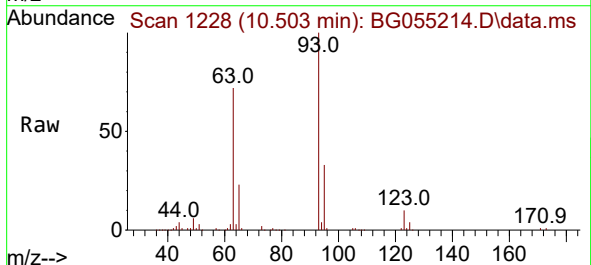
Instrument :
BNA_G
ClientSampleId :
PB148413BS

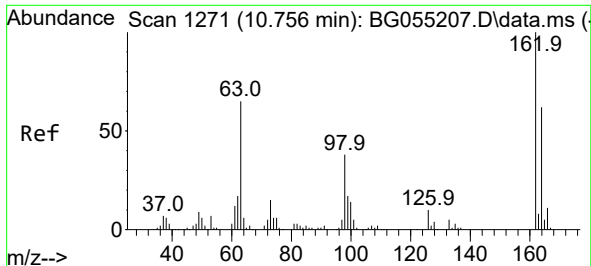
Tgt Ion:122 Resp: 145883
Ion Ratio Lower Upper
122 100
107 115.0 96.9 145.3
121 59.4 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 52.656 ng
RT: 10.503 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

Tgt Ion: 93 Resp: 194550
Ion Ratio Lower Upper
93 100
95 32.7 26.2 39.2
123 9.7 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 49.769 ng

RT: 10.756 min Scan# 1271

Delta R.T. -0.000 min

Lab File: BG055214.D

Acq: 19 Oct 2022 20:35

Instrument :

BNA_G

ClientSampleId :

PB148413BS

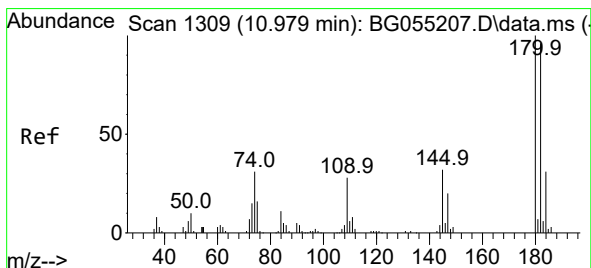
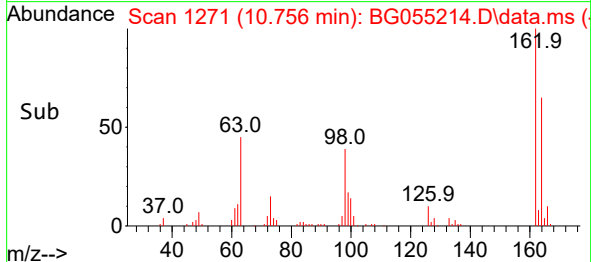
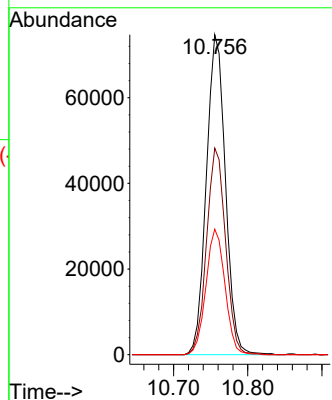
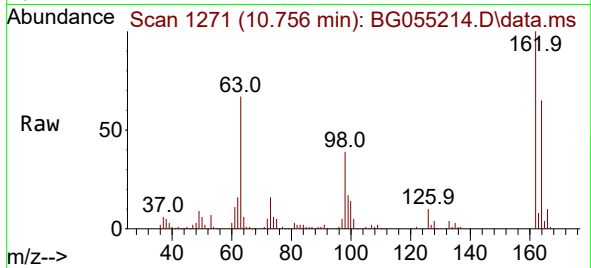
Tgt Ion:162 Resp: 133768

Ion Ratio Lower Upper

162 100

164 64.6 41.9 81.9

98 39.2 18.0 58.0



#30

1,2,4-Trichlorobenzene

Concen: 42.179 ng

RT: 10.979 min Scan# 1309

Delta R.T. -0.000 min

Lab File: BG055214.D

Acq: 19 Oct 2022 20:35

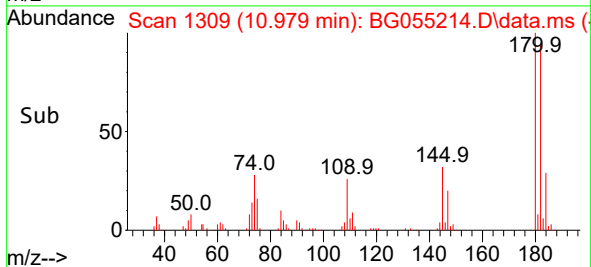
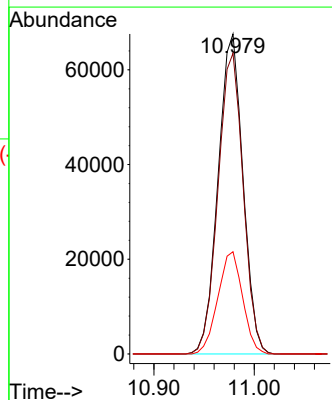
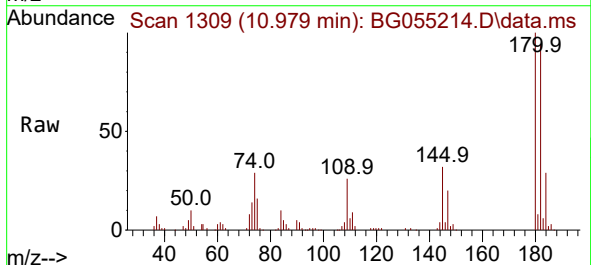
Tgt Ion:180 Resp: 116072

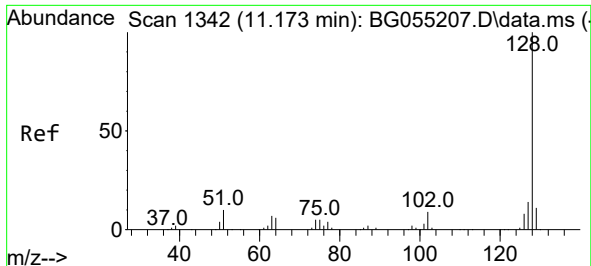
Ion Ratio Lower Upper

180 100

182 94.0 77.0 115.4

145 32.0 26.0 39.0

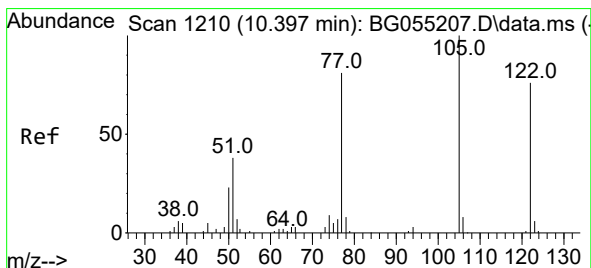
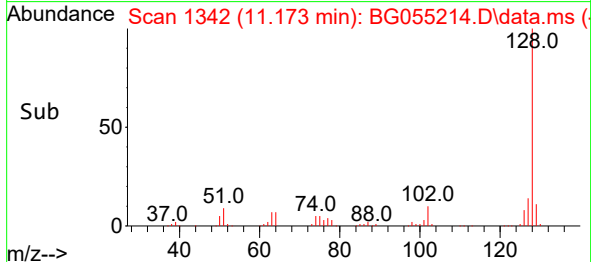
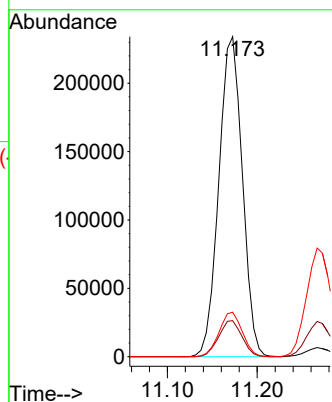
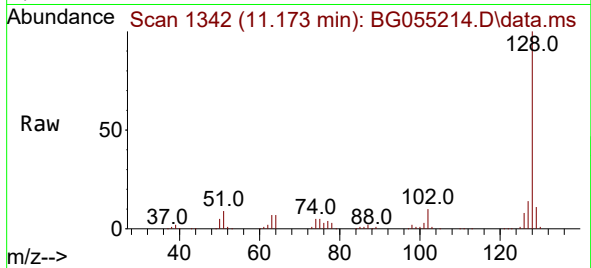




#31
Naphthalene
Concen: 44.400 ng
RT: 11.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

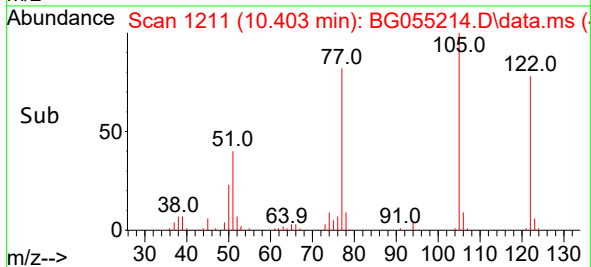
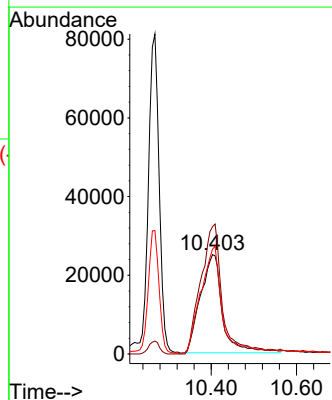
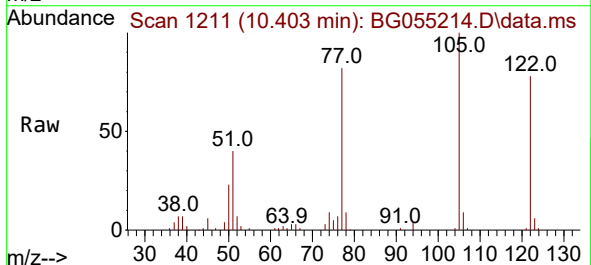
Instrument :
BNA_G
ClientSampleId :
PB148413BS

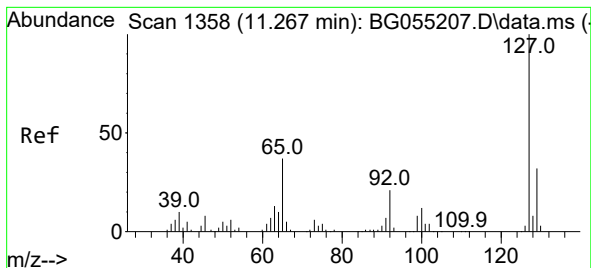
Tgt Ion:128 Resp: 425076
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.9 11.4 17.2



#32
Benzoic acid
Concen: 49.678 ng
RT: 10.403 min Scan# 1211
Delta R.T. 0.006 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

Tgt Ion:122 Resp: 89518
Ion Ratio Lower Upper
122 100
105 128.0 110.2 150.2
77 105.4 86.9 126.9

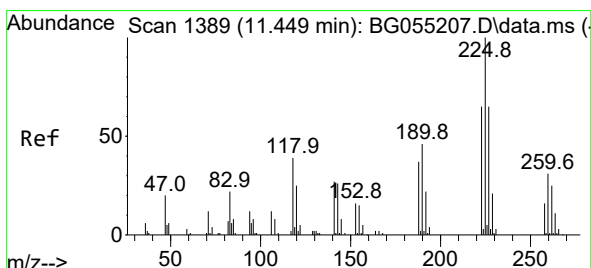
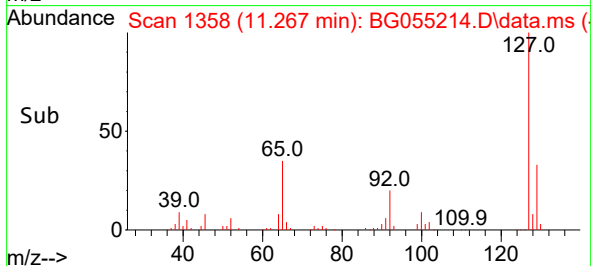
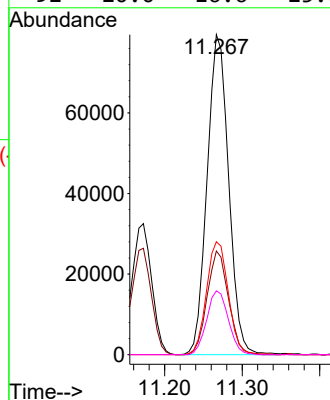
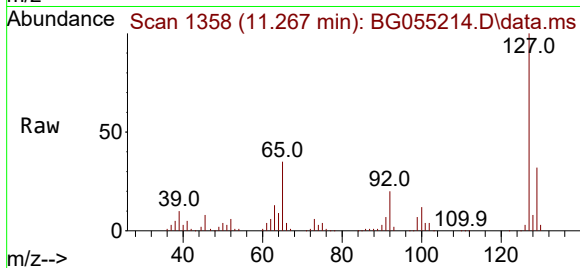




#33
4-Chloroaniline
Concen: 38.936 ng
RT: 11.267 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

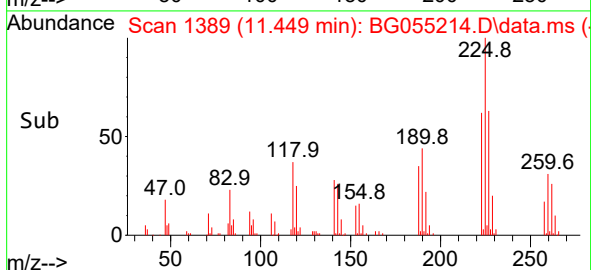
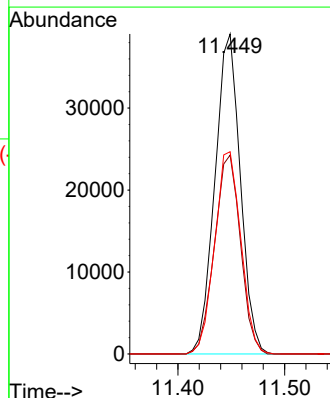
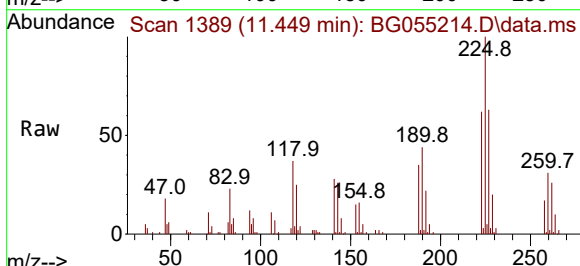
Instrument :
BNA_G
ClientSampleId :
PB148413BS

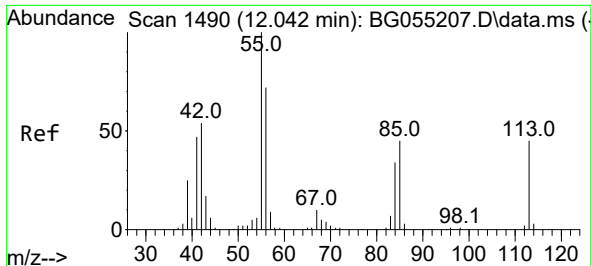
Tgt Ion:	127	Resp:	153497
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.8	38.8
65	35.3	29.4	44.2
92	20.0	16.6	25.0



#34
Hexachlorobutadiene
Concen: 38.863 ng
RT: 11.449 min Scan# 1389
Delta R.T. -0.000 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

Tgt Ion:	225	Resp:	64580
Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.7	77.5
227	63.2	52.2	78.2

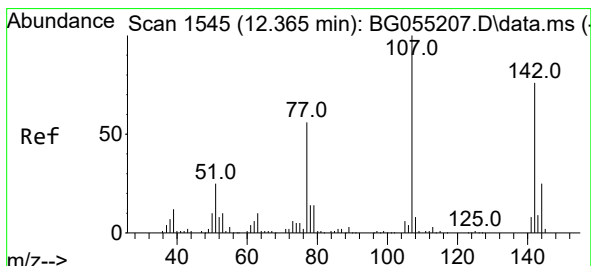
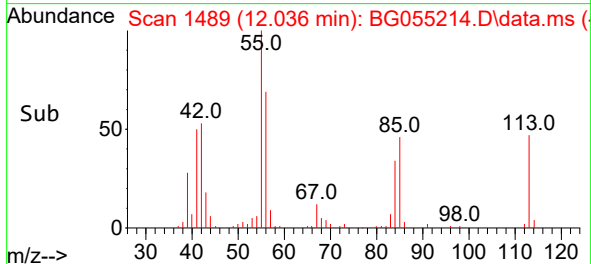
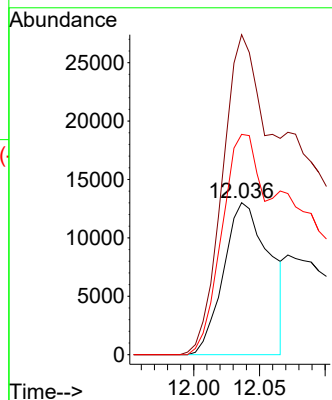
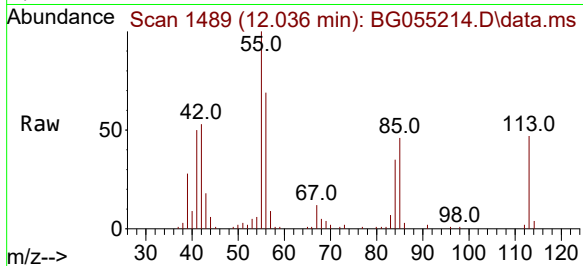




#35
Caprolactam
Concen: 26.954 ng
RT: 12.036 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

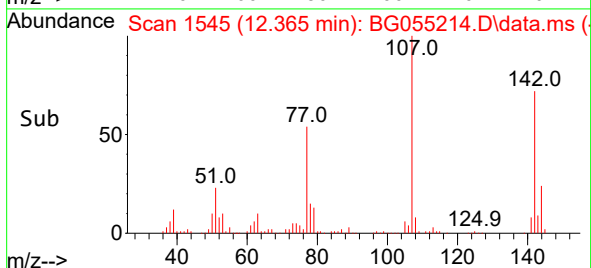
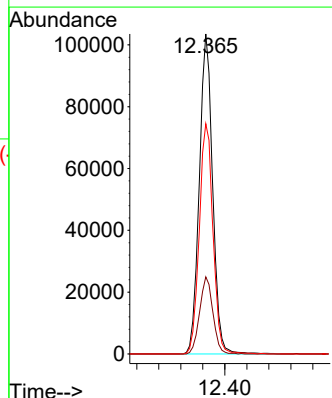
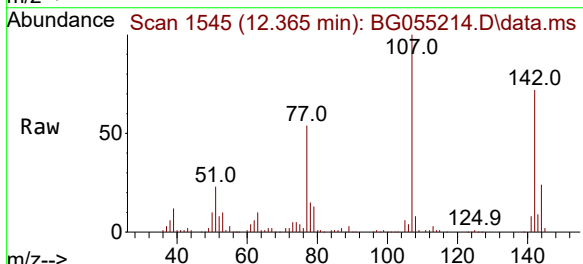
Instrument :
BNA_G
ClientSampleId :
PB148413BS

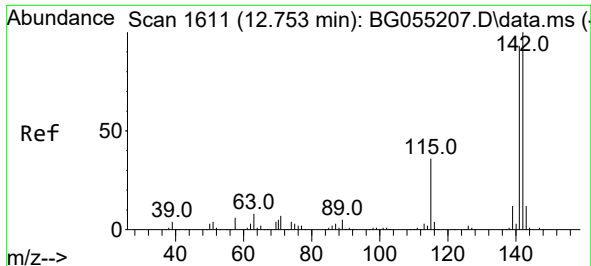
Tgt Ion:113 Resp: 31837
Ion Ratio Lower Upper
113 100
55 210.5 200.5 240.5
56 145.0 137.8 177.8



#36
4-Chloro-3-methylphenol
Concen: 49.818 ng
RT: 12.365 min Scan# 1545
Delta R.T. -0.000 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

Tgt Ion:107 Resp: 174106
Ion Ratio Lower Upper
107 100
144 24.1 19.7 29.5
142 71.9 60.7 91.1





#37

2-Methylnaphthalene

Concen: 42.927 ng

RT: 12.753 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG055214.D

Acq: 19 Oct 2022 20:35

Instrument :

BNA_G

ClientSampleId :

PB148413BS

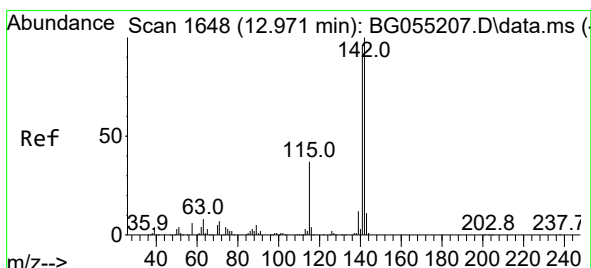
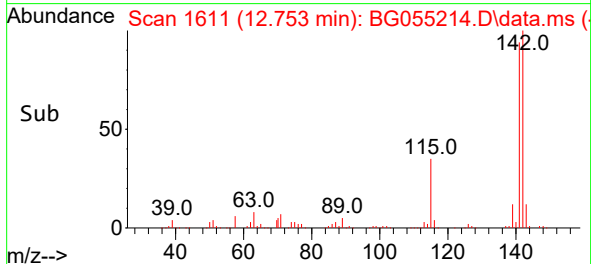
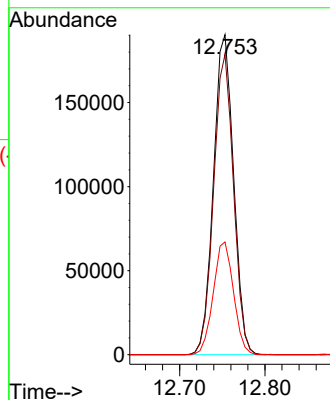
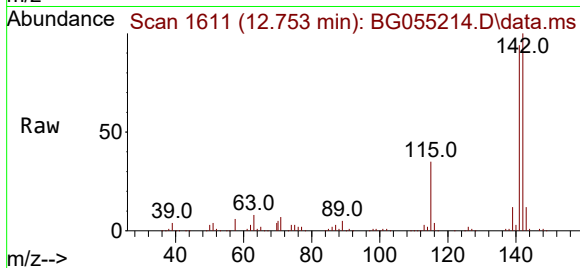
Tgt Ion:142 Resp: 312600

Ion Ratio Lower Upper

142 100

141 93.8 74.8 112.2

115 35.3 28.6 43.0



#38

1-Methylnaphthalene

Concen: 41.513 ng

RT: 12.971 min Scan# 1648

Delta R.T. -0.000 min

Lab File: BG055214.D

Acq: 19 Oct 2022 20:35

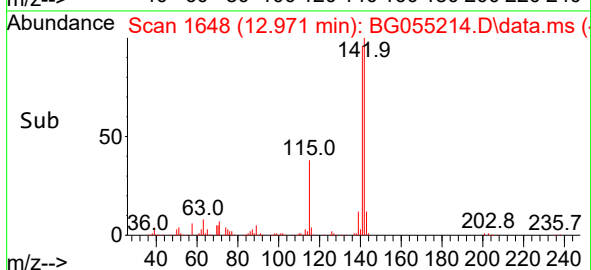
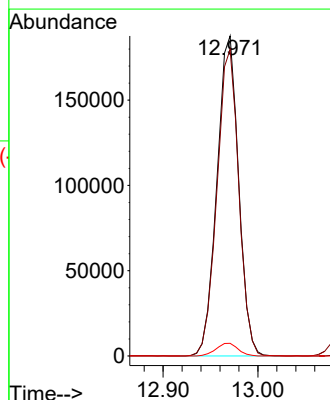
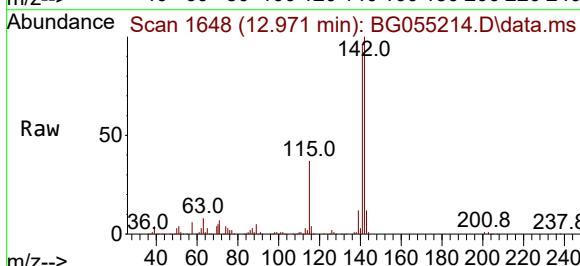
Tgt Ion:142 Resp: 298435

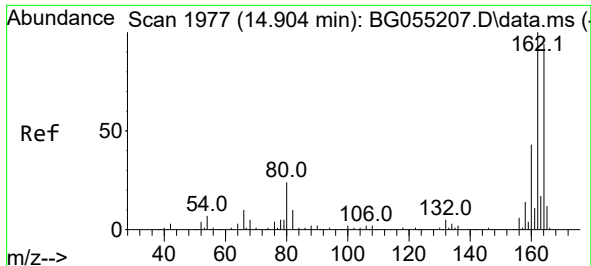
Ion Ratio Lower Upper

142 100

141 95.8 77.0 115.4

116 3.9 3.0 4.4

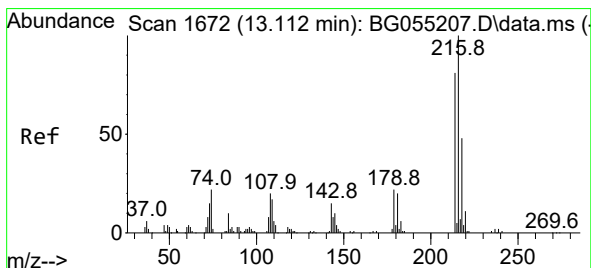
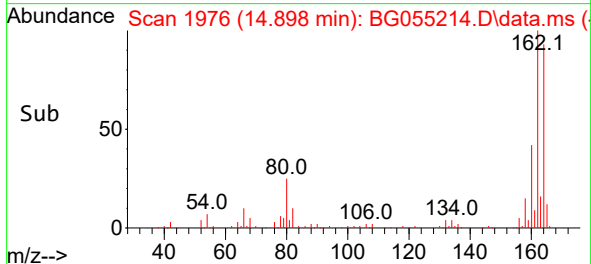
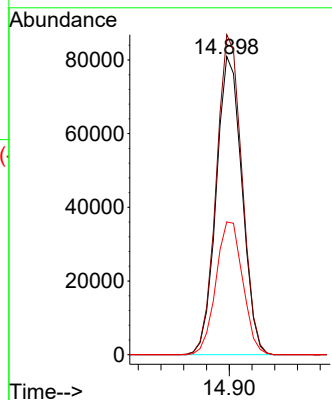
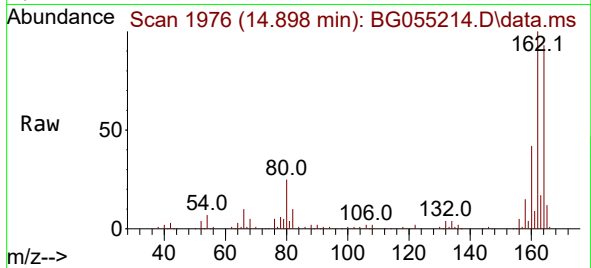




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.898 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

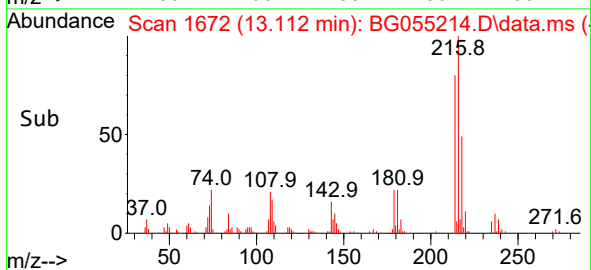
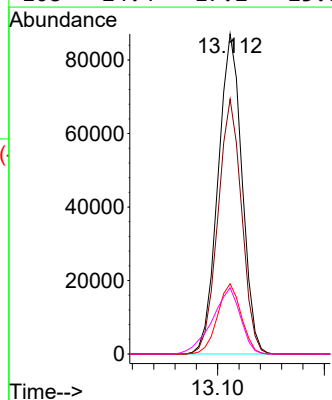
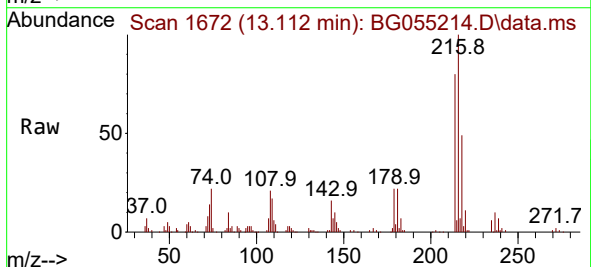
Instrument :
BNA_G
ClientSampleId :
PB148413BS

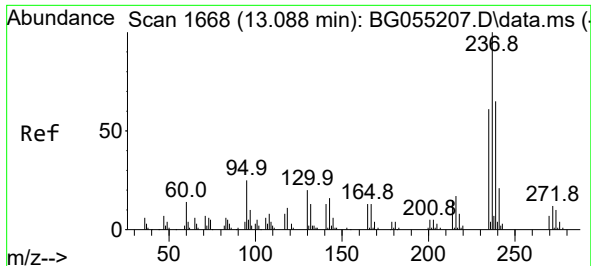
Tgt Ion:164 Resp: 127059
Ion Ratio Lower Upper
164 100
162 107.3 85.2 127.8
160 44.5 36.4 54.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.399 ng
RT: 13.112 min Scan# 1672
Delta R.T. -0.000 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

Tgt Ion:216 Resp: 135586
Ion Ratio Lower Upper
216 100
214 78.7 64.2 96.2
179 21.7 17.4 26.0
108 24.4 17.2 25.8

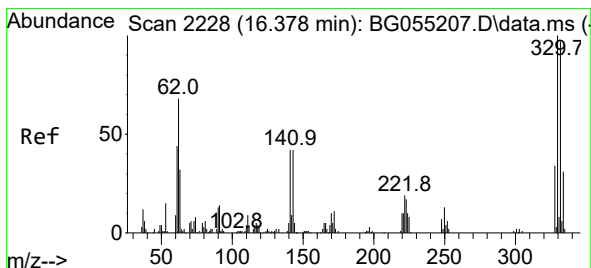
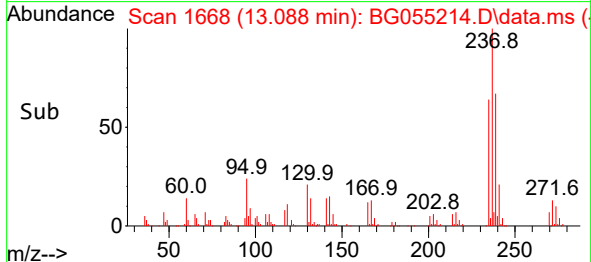
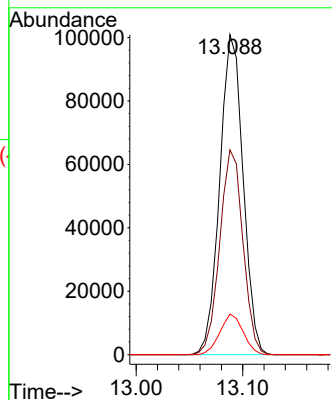
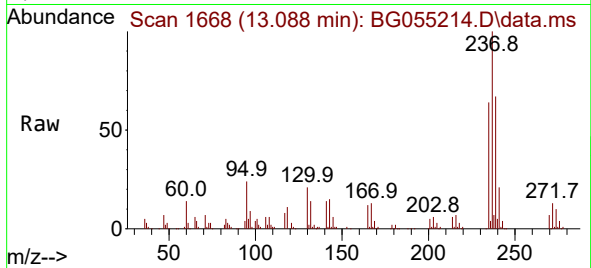




#41
Hexachlorocyclopentadiene
Concen: 112.647 ng
RT: 13.088 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

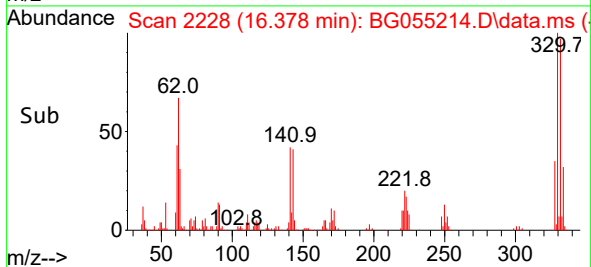
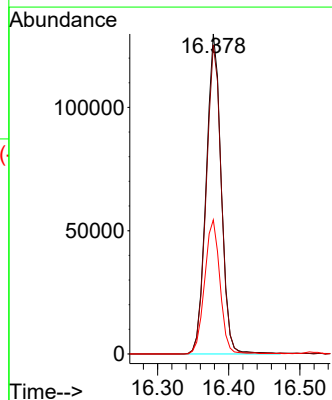
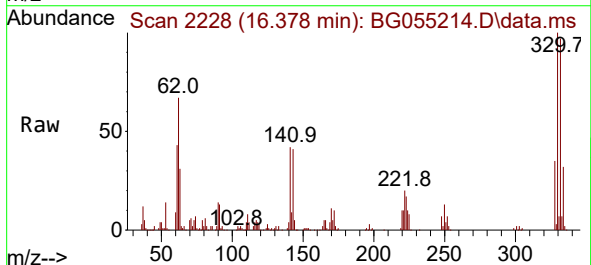
Instrument :
BNA_G
ClientSampleId :
PB148413BS

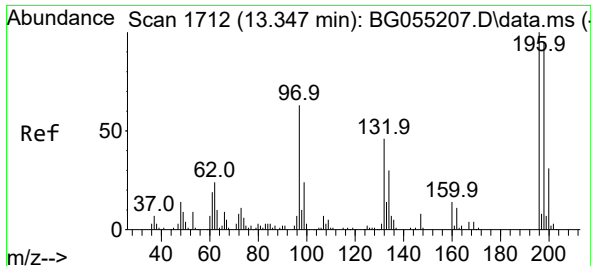
Tgt Ion:237 Resp: 153211
Ion Ratio Lower Upper
237 100
235 64.0 41.1 81.1
272 12.7 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 145.240 ng
RT: 16.378 min Scan# 2228
Delta R.T. 0.000 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

Tgt Ion:330 Resp: 191221
Ion Ratio Lower Upper
330 100
332 96.9 77.5 116.3
141 42.7 33.5 50.3

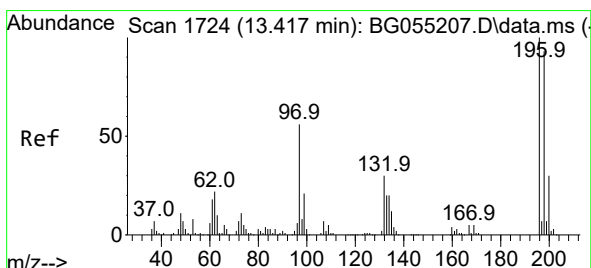
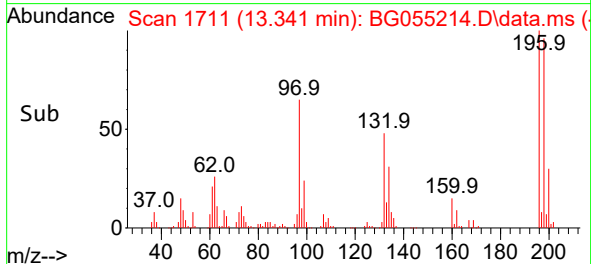
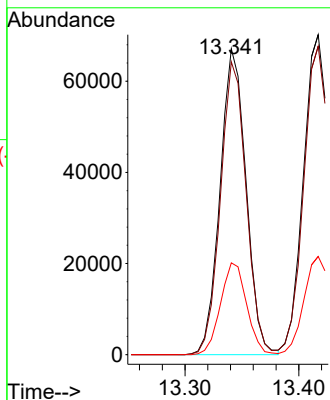
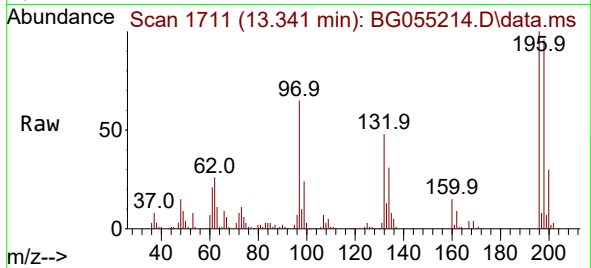




#43
2,4,6-Trichlorophenol
Concen: 46.960 ng
RT: 13.341 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

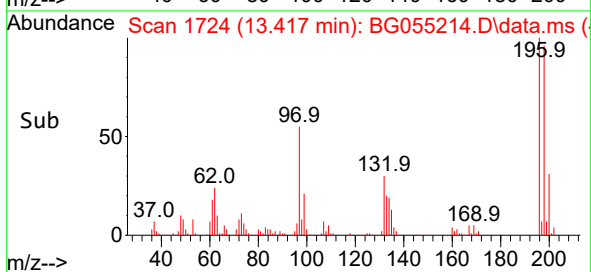
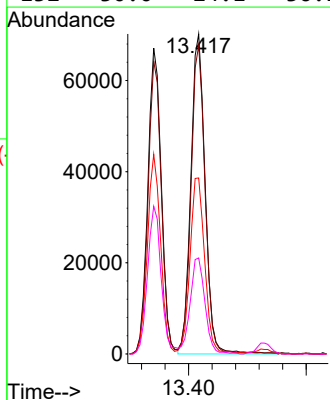
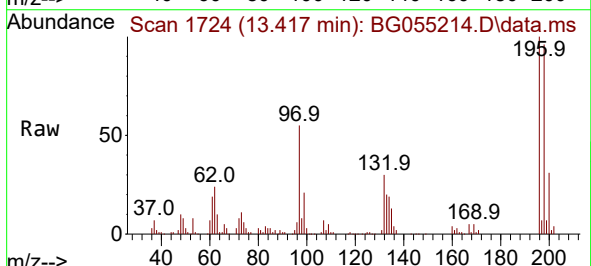
Instrument :
BNA_G
ClientSampleId :
PB148413BS

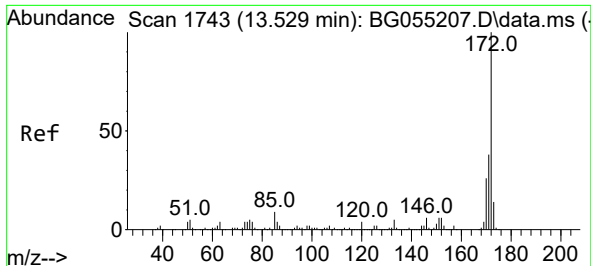
Tgt Ion:196 Resp: 106744
Ion Ratio Lower Upper
196 100
198 95.7 76.1 114.1
200 30.0 24.8 37.2



#44
2,4,5-Trichlorophenol
Concen: 47.580 ng
RT: 13.417 min Scan# 1724
Delta R.T. -0.000 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

Tgt Ion:196 Resp: 118654
Ion Ratio Lower Upper
196 100
198 96.4 74.5 111.7
97 55.0 44.6 66.8
132 30.0 24.1 36.1

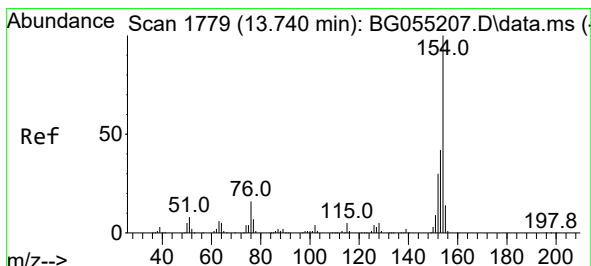
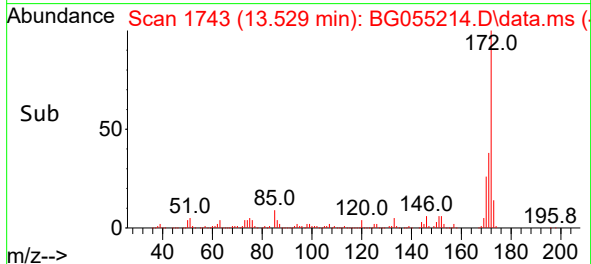
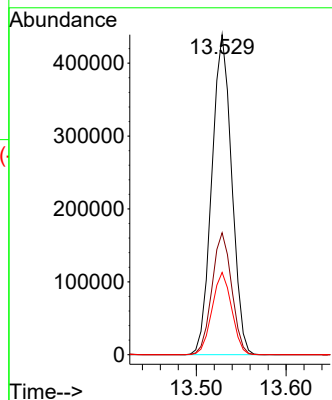
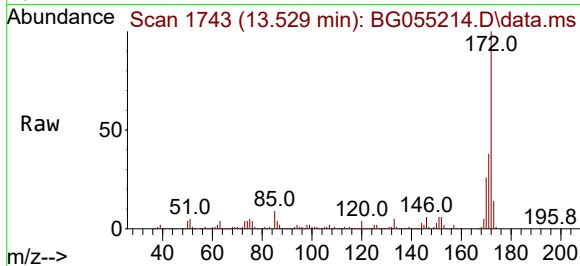




#45
2-Fluorobiphenyl
Concen: 84.910 ng
RT: 13.529 min Scan# 1743
Delta R.T. -0.000 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

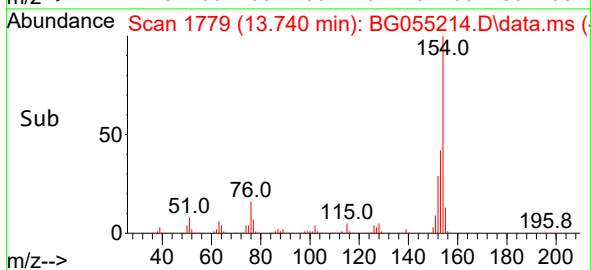
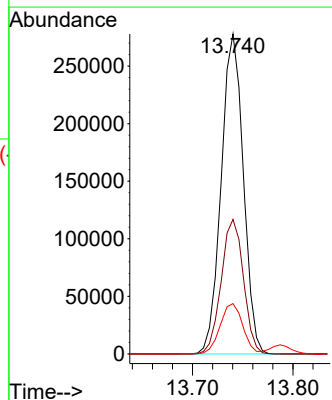
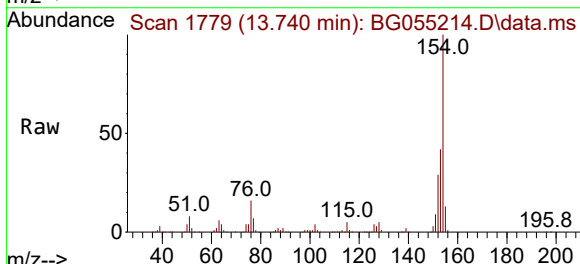
Instrument :
BNA_G
ClientSampleId :
PB148413BS

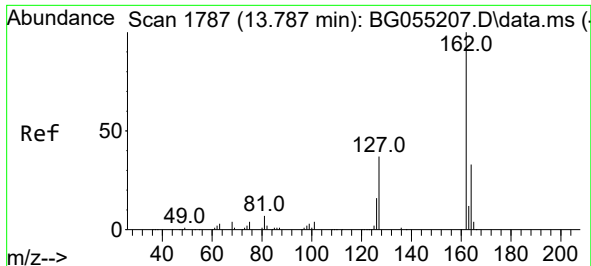
Tgt Ion:172 Resp: 675425
Ion Ratio Lower Upper
172 100
171 38.1 30.3 45.5
170 25.7 20.6 30.8



#46
1,1'-Biphenyl
Concen: 47.158 ng
RT: 13.740 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

Tgt Ion:154 Resp: 424280
Ion Ratio Lower Upper
154 100
153 42.1 22.1 62.1
76 15.8 0.0 35.8

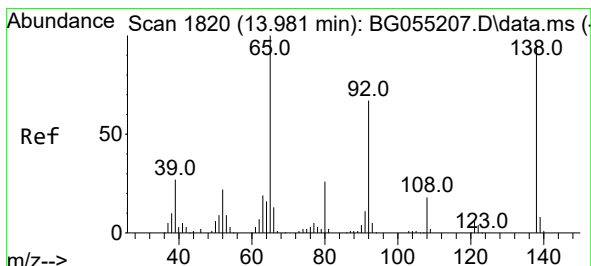
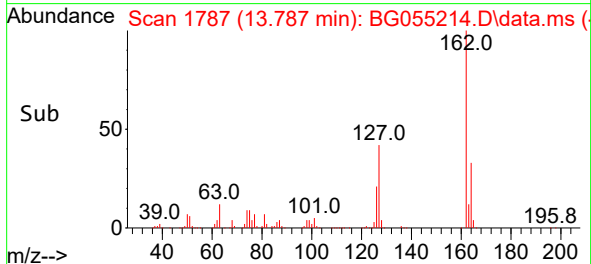
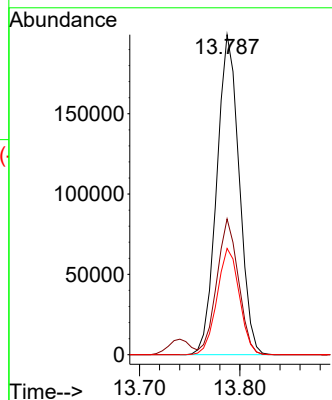
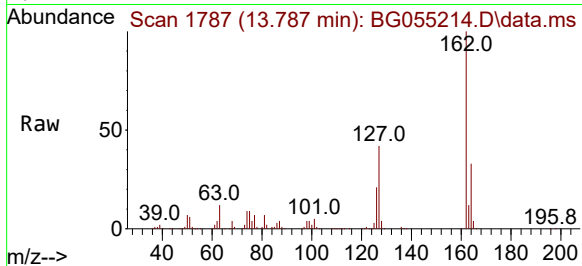




#47
2-Chloronaphthalene
Concen: 44.616 ng
RT: 13.787 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

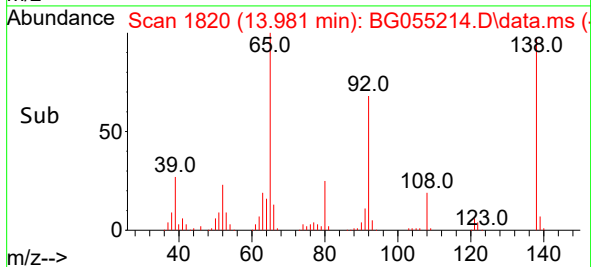
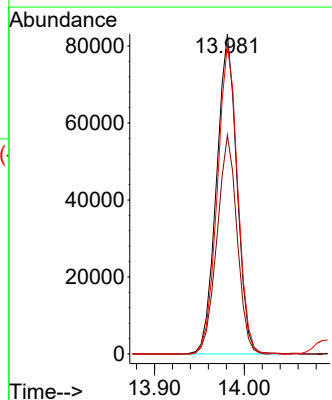
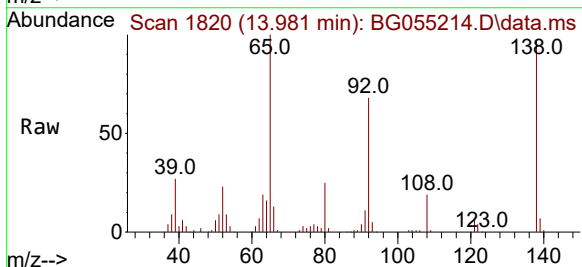
Instrument :
BNA_G
ClientSampleId :
PB148413BS

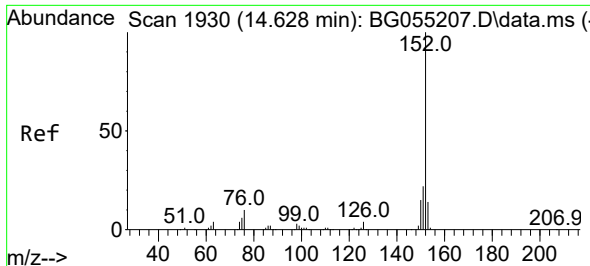
Tgt Ion:162 Resp: 309037
Ion Ratio Lower Upper
162 100
127 42.5 33.5 50.3
164 33.2 26.4 39.6



#48
2-Nitroaniline
Concen: 46.497 ng
RT: 13.981 min Scan# 1820
Delta R.T. -0.000 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

Tgt Ion: 65 Resp: 130699
Ion Ratio Lower Upper
65 100
92 68.4 53.8 80.8
138 96.7 76.0 114.0

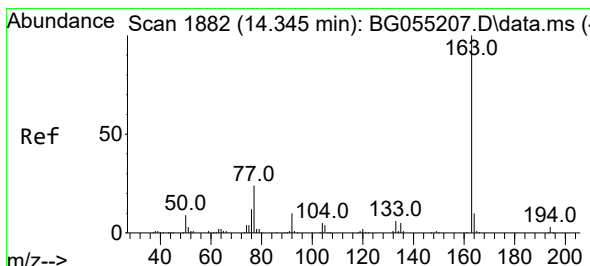
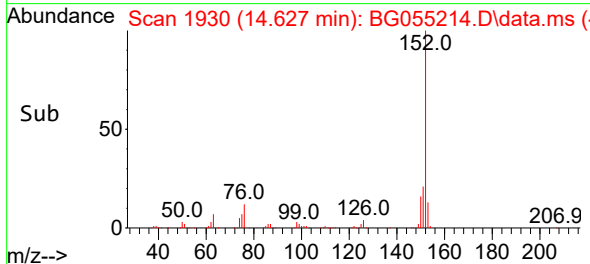
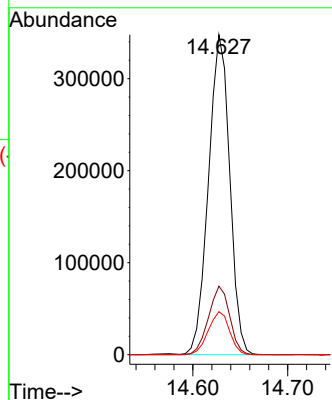
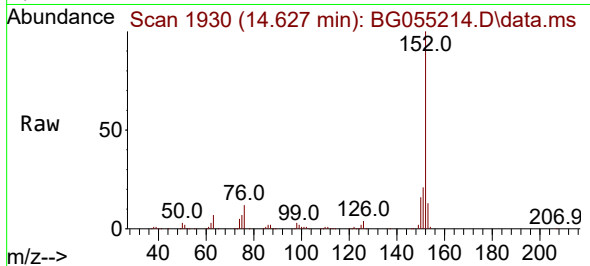




#49
Acenaphthylene
Concen: 45.592 ng
RT: 14.627 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

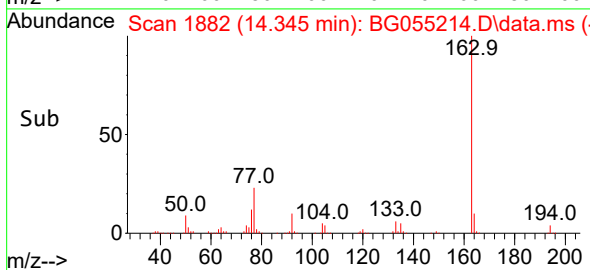
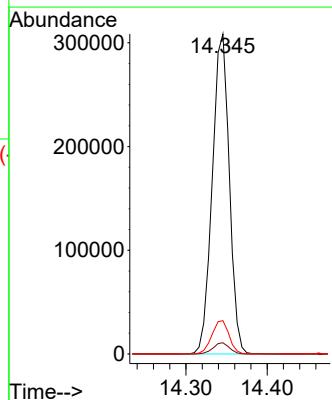
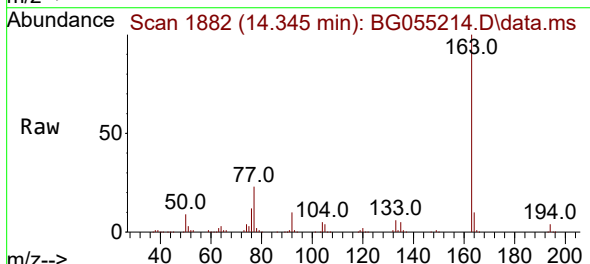
Instrument :
BNA_G
ClientSampleId :
PB148413BS

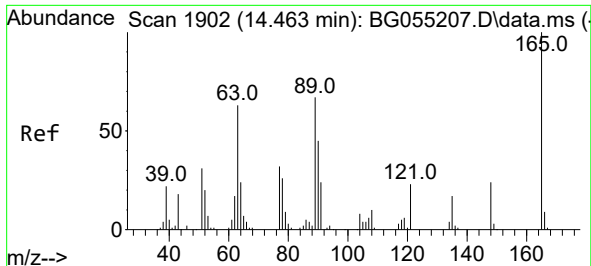
Tgt Ion:152 Resp: 540236
Ion Ratio Lower Upper
152 100
151 21.4 17.3 25.9
153 13.4 11.0 16.6



#50
Dimethylphthalate
Concen: 44.906 ng
RT: 14.345 min Scan# 1882
Delta R.T. -0.000 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

Tgt Ion:163 Resp: 448801
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.4 8.3 12.5

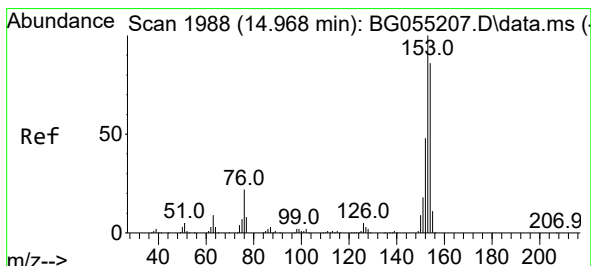
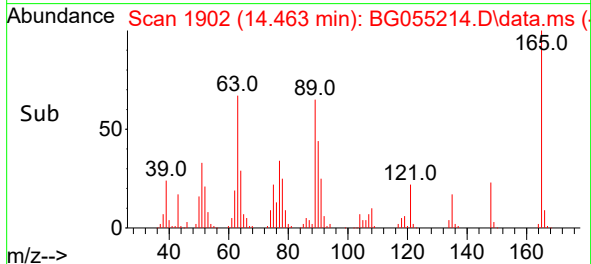
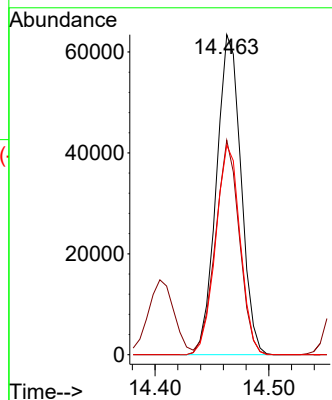
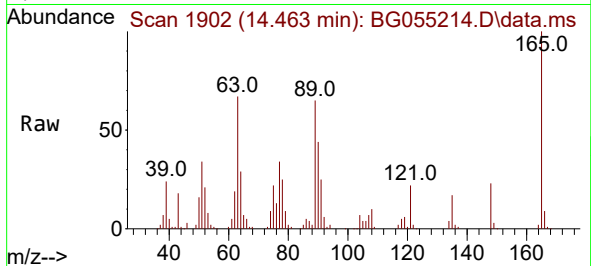




#51
2,6-Dinitrotoluene
Concen: 47.550 ng
RT: 14.463 min Scan# 1902
Delta R.T. -0.000 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

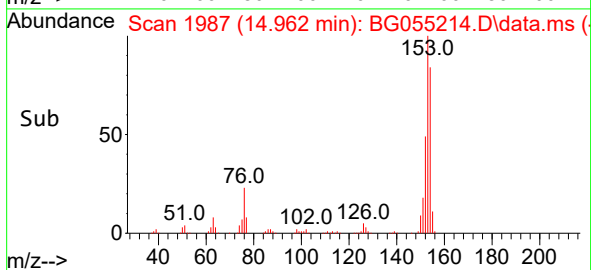
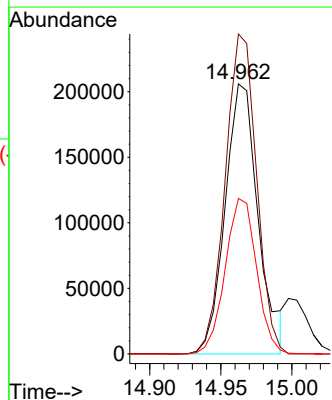
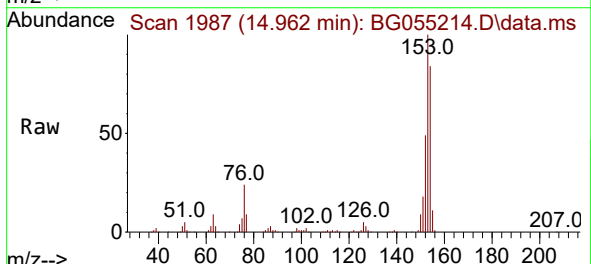
Instrument :
BNA_G
ClientSampleId :
PB148413BS

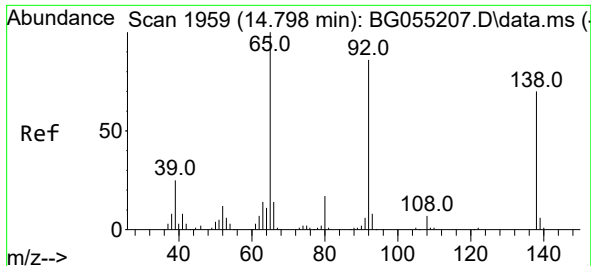
Tgt Ion:165 Resp: 95355
Ion Ratio Lower Upper
165 100
63 67.0 56.1 84.1
89 65.5 53.4 80.0



#52
Acenaphthene
Concen: 44.131 ng
RT: 14.962 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

Tgt Ion:154 Resp: 332942
Ion Ratio Lower Upper
154 100
153 118.5 93.3 139.9
152 57.6 45.1 67.7

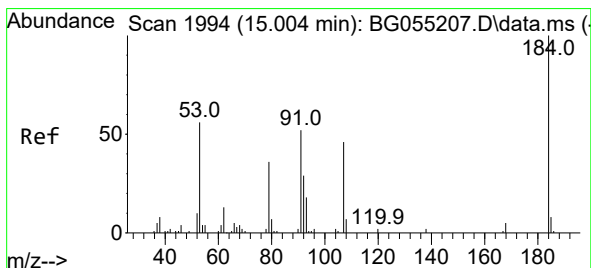
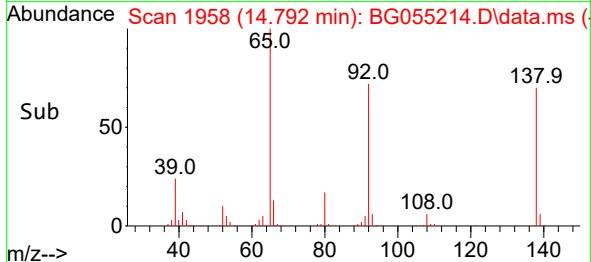
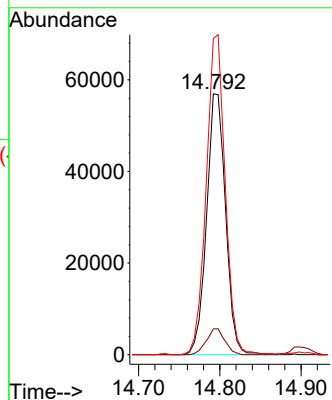
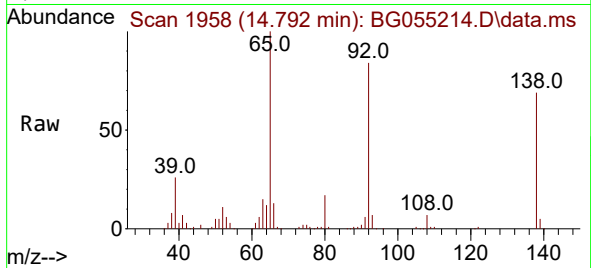




#53
3-Nitroaniline
Concen: 36.908 ng
RT: 14.792 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

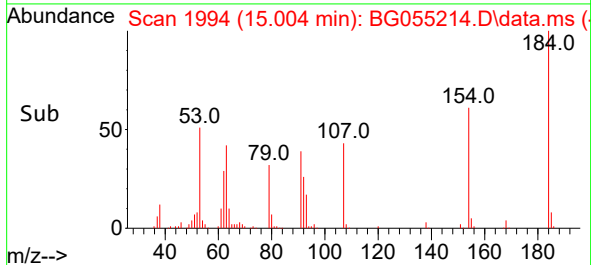
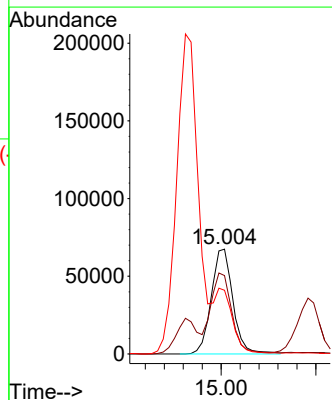
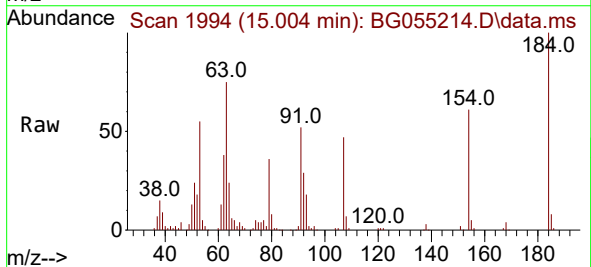
Instrument :
BNA_G
ClientSampleId :
PB148413BS

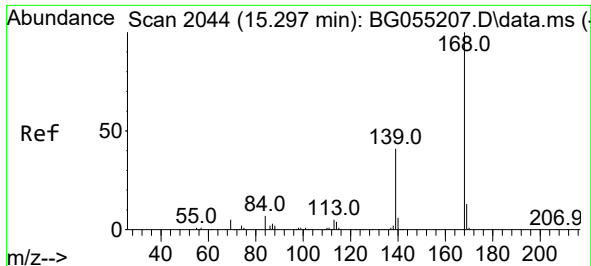
Tgt Ion:138 Resp: 92196
Ion Ratio Lower Upper
138 100
108 9.9 7.5 11.3
92 121.2 98.0 147.0



#54
2,4-Dinitrophenol
Concen: 105.723 ng
RT: 15.004 min Scan# 1994
Delta R.T. -0.000 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

Tgt Ion:184 Resp: 106883
Ion Ratio Lower Upper
184 100
63 74.8 61.2 91.8
154 60.7 50.4 75.6

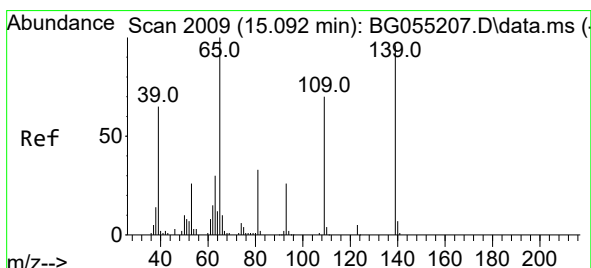
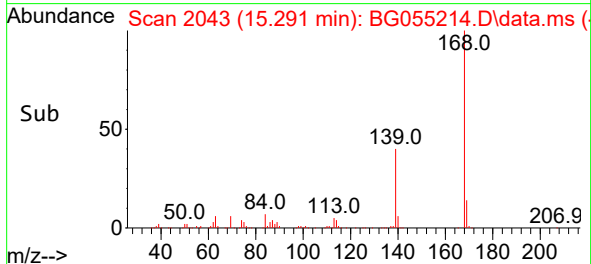
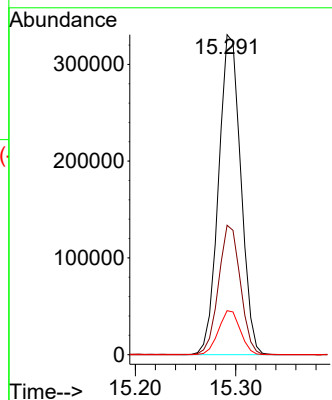
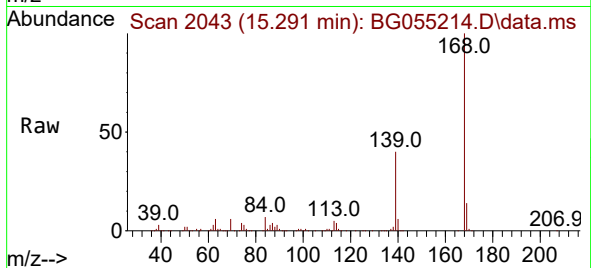




#55
Dibenzofuran
Concen: 46.692 ng
RT: 15.291 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

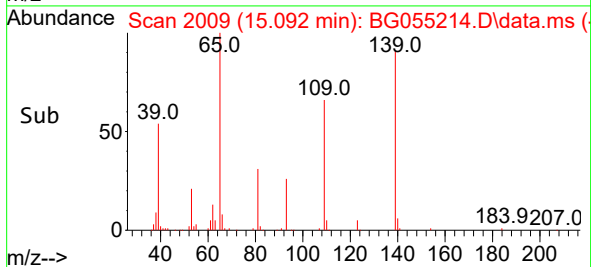
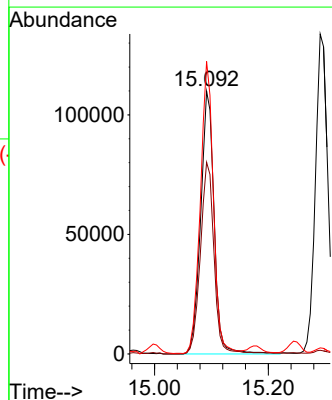
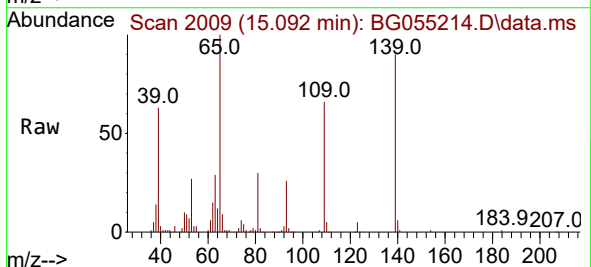
Instrument :
BNA_G
ClientSampleId :
PB148413BS

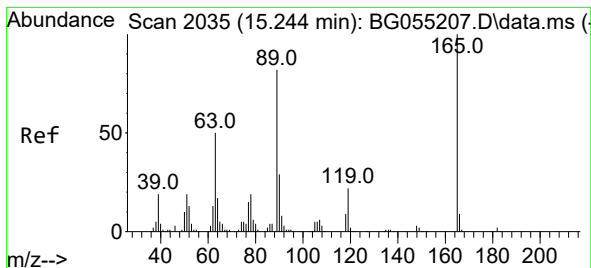
Tgt Ion:168 Resp: 507398
Ion Ratio Lower Upper
168 100
139 40.5 32.6 48.8
169 13.7 10.7 16.1



#56
4-Nitrophenol
Concen: 103.225 ng
RT: 15.092 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

Tgt Ion:139 Resp: 181305
Ion Ratio Lower Upper
139 100
109 73.0 53.0 93.0
65 111.3 84.8 124.8





#57

2,4-Dinitrotoluene

Concen: 48.870 ng

RT: 15.250 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BG055214.D

Acq: 19 Oct 2022 20:35

Instrument :

BNA_G

ClientSampleId :

PB148413BS

Tgt Ion:165 Resp: 137034

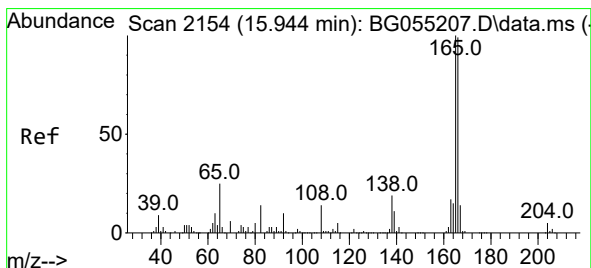
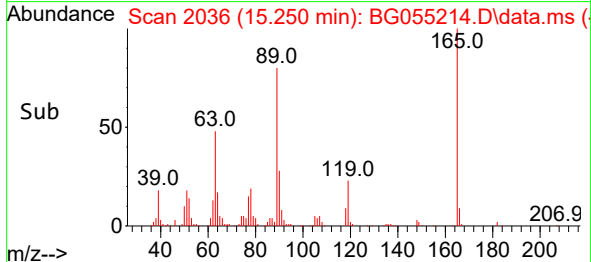
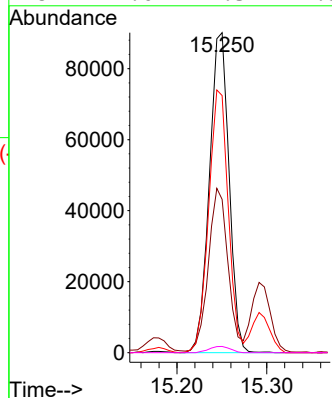
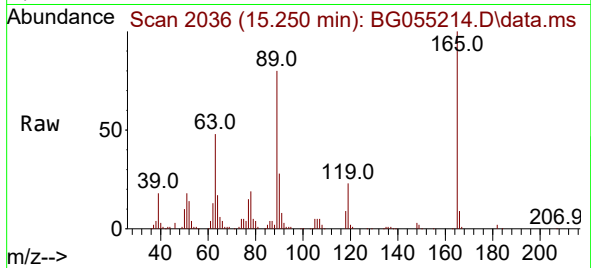
Ion Ratio Lower Upper

165 100

63 47.9 39.8 59.8

89 80.3 66.0 99.0

182 2.0 1.5 2.3



#58

Fluorene

Concen: 45.832 ng

RT: 15.938 min Scan# 2153

Delta R.T. -0.006 min

Lab File: BG055214.D

Acq: 19 Oct 2022 20:35

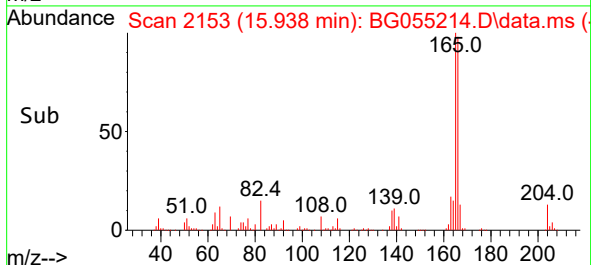
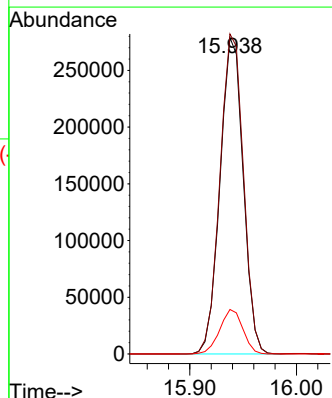
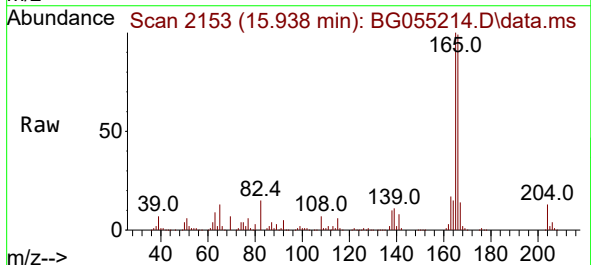
Tgt Ion:166 Resp: 419434

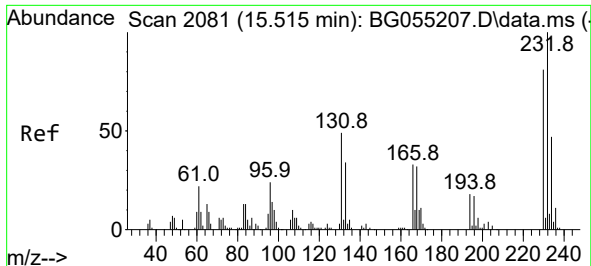
Ion Ratio Lower Upper

166 100

165 101.2 81.0 121.6

167 14.0 11.0 16.4

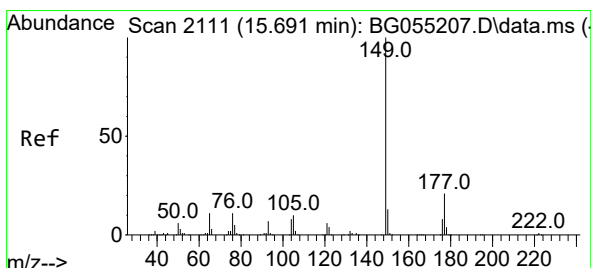
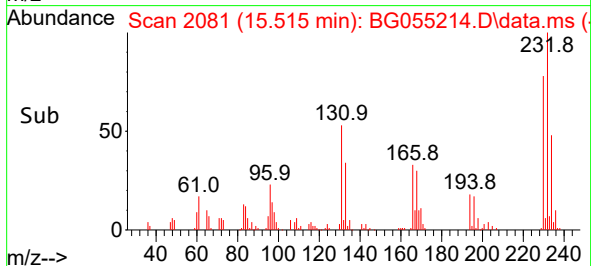
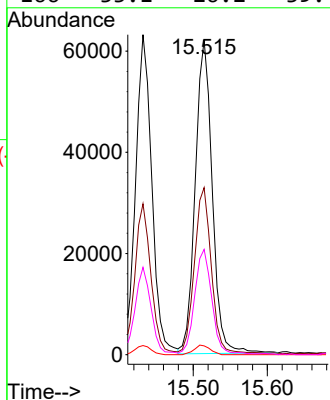
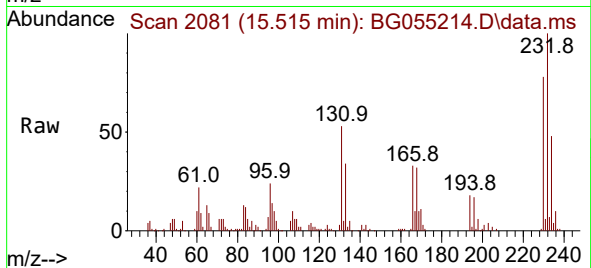




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.556 ng
RT: 15.515 min Scan# 2081
Delta R.T. -0.000 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

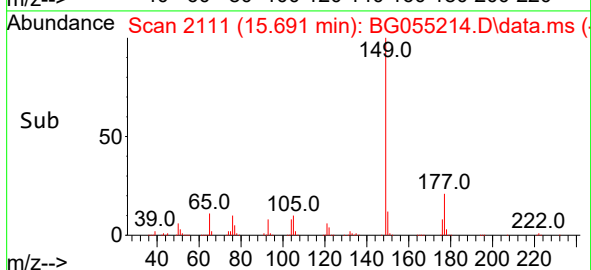
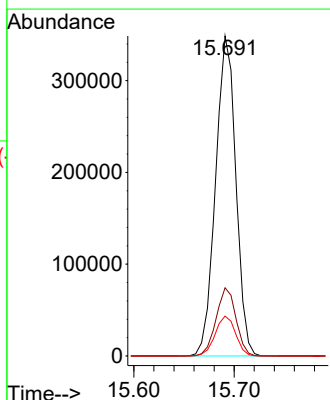
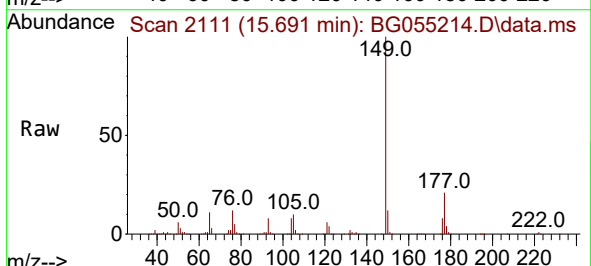
Instrument :
BNA_G
ClientSampleId :
PB148413BS

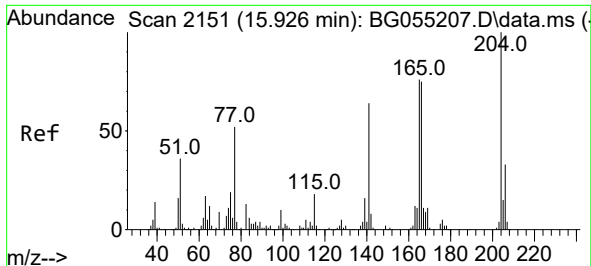
Tgt Ion:232 Resp: 98933
Ion Ratio Lower Upper
232 100
131 54.5 40.5 60.7
130 2.9 2.2 3.2
166 33.1 26.2 39.4



#60
Diethylphthalate
Concen: 46.737 ng
RT: 15.691 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

Tgt Ion:149 Resp: 488667
Ion Ratio Lower Upper
149 100
177 21.3 16.4 24.6
150 12.5 10.2 15.4

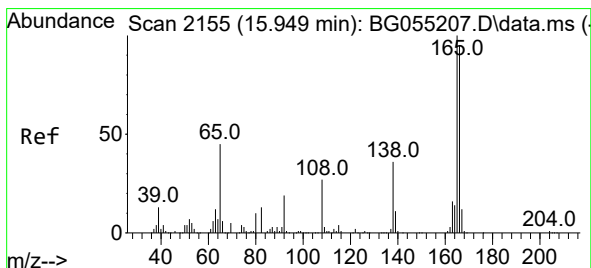
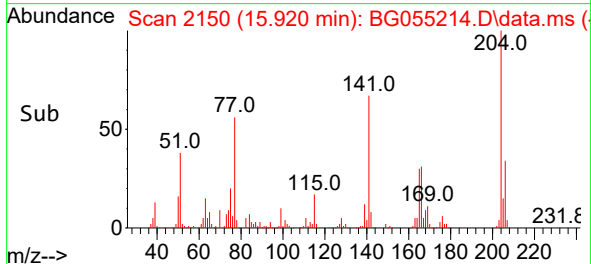
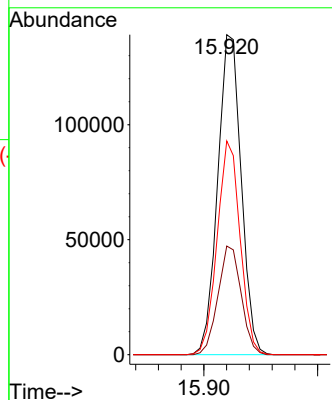
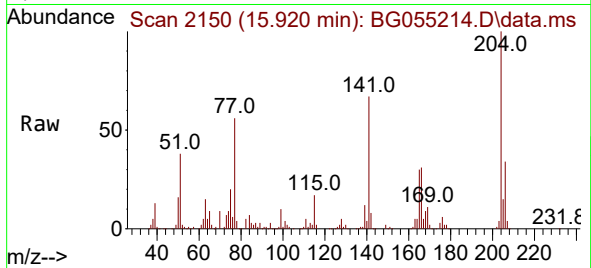




#61
4-Chlorophenyl-phenylether
Concen: 47.085 ng
RT: 15.920 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

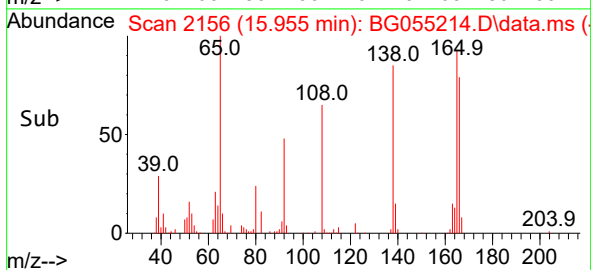
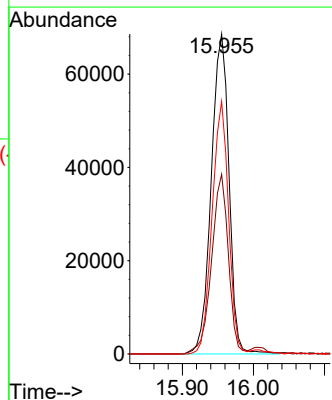
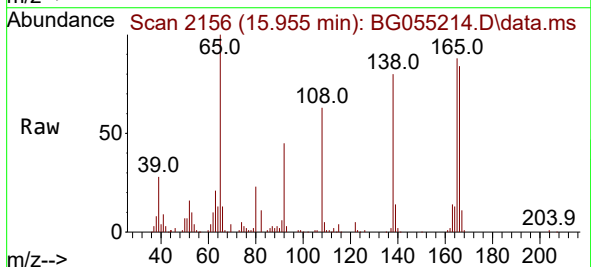
Instrument :
BNA_G
ClientSampleId :
PB148413BS

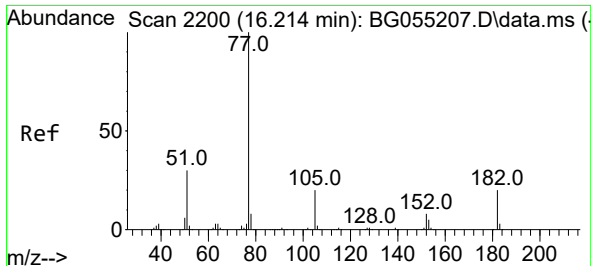
Tgt Ion:204 Resp: 200001
Ion Ratio Lower Upper
204 100
206 34.0 26.8 40.2
141 66.8 51.0 76.4



#62
4-Nitroaniline
Concen: 46.767 ng
RT: 15.955 min Scan# 2156
Delta R.T. 0.006 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

Tgt Ion:138 Resp: 118503
Ion Ratio Lower Upper
138 100
92 56.2 33.9 73.9
108 78.9 55.1 95.1

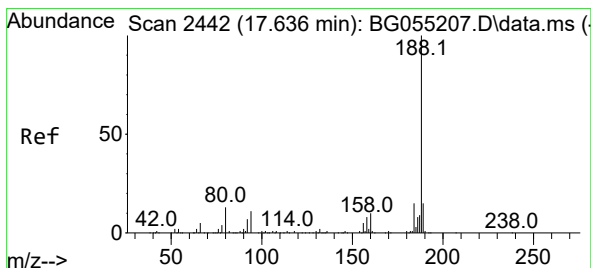
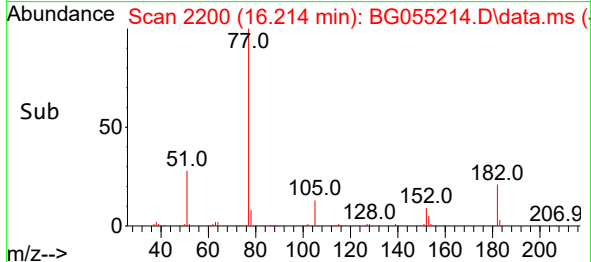
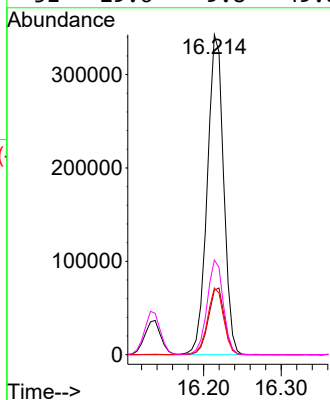
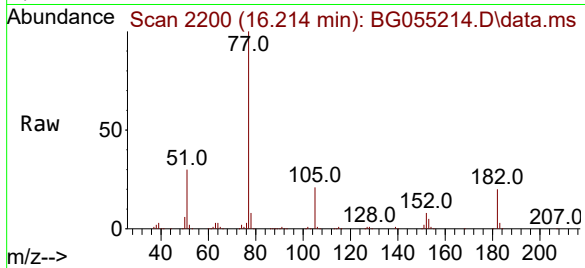




#63
Azobenzene
Concen: 47.443 ng
RT: 16.214 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

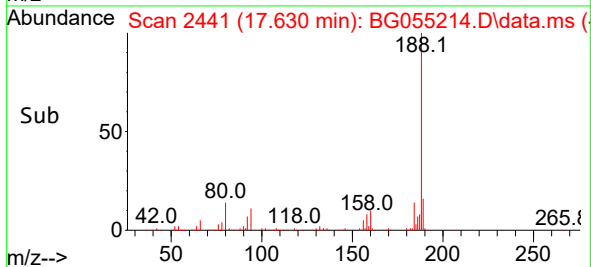
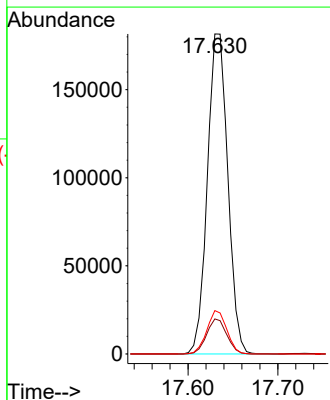
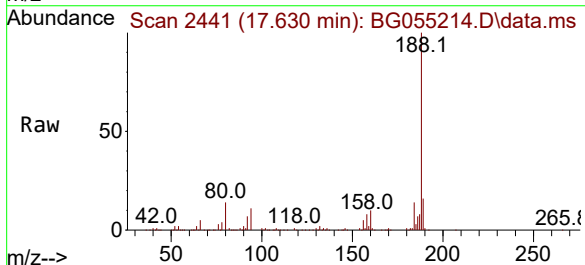
Instrument :
BNA_G
ClientSampleId :
PB148413BS

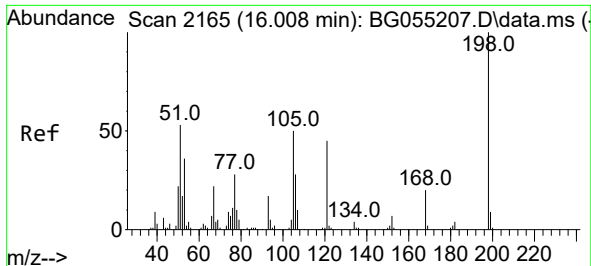
Tgt Ion: 77	Resp: 501343
Ion Ratio	Lower Upper
77 100	
182 20.2	0.0 39.9
105 20.8	0.2 40.2
51 29.6	9.8 49.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.630 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

Tgt Ion:188	Resp: 286973
Ion Ratio	Lower Upper
188 100	
94 10.9	8.6 12.8
80 13.6	10.4 15.6

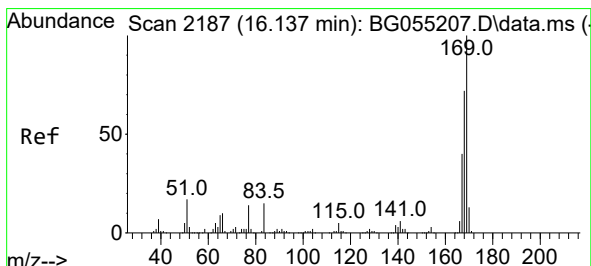
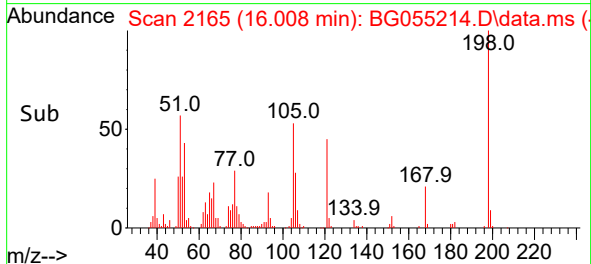
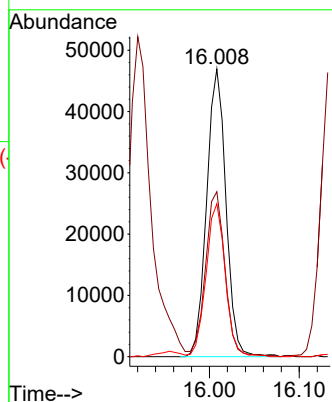
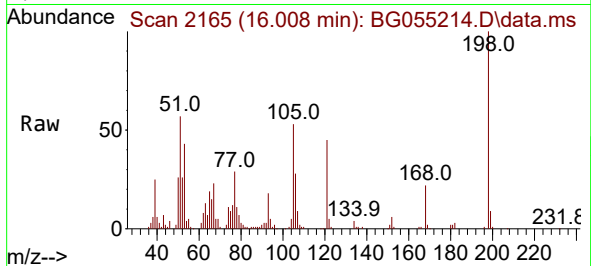




#65
4,6-Dinitro-2-methylphenol
Concen: 45.692 ng
RT: 16.008 min Scan# 2165
Delta R.T. -0.000 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

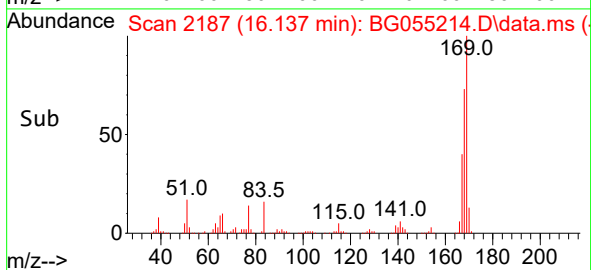
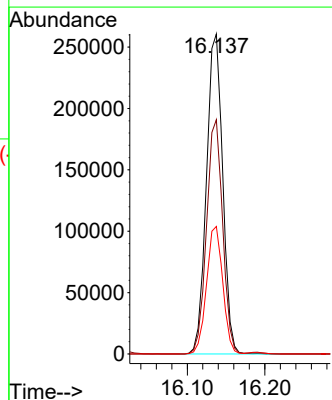
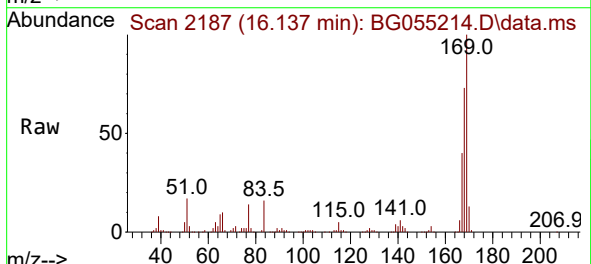
Instrument :
BNA_G
ClientSampleId :
PB148413BS

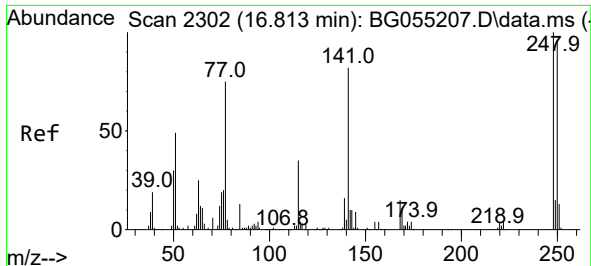
Tgt Ion:198 Resp: 70042
Ion Ratio Lower Upper
198 100
51 57.3 37.0 77.0
105 53.2 30.8 70.8



#66
n-Nitrosodiphenylamine
Concen: 47.240 ng
RT: 16.137 min Scan# 2187
Delta R.T. -0.000 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

Tgt Ion:169 Resp: 378352
Ion Ratio Lower Upper
169 100
168 73.2 57.7 86.5
167 39.9 31.8 47.6

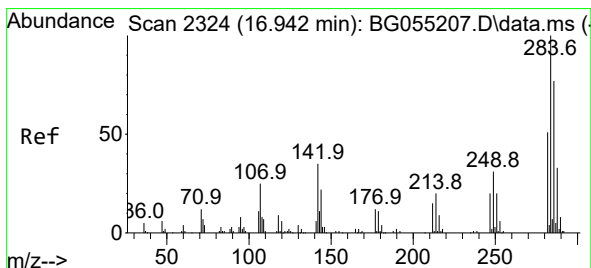
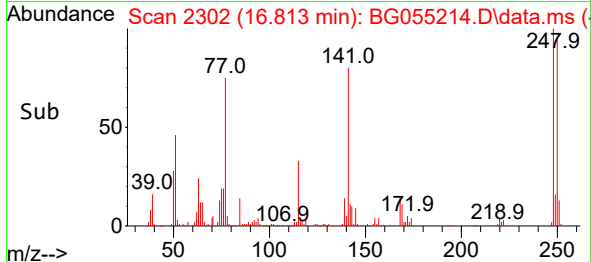
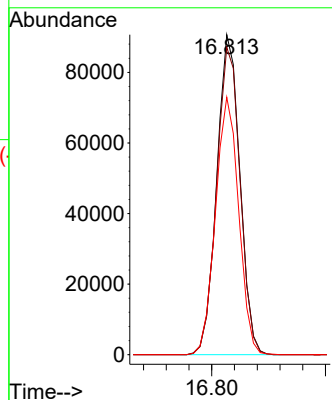
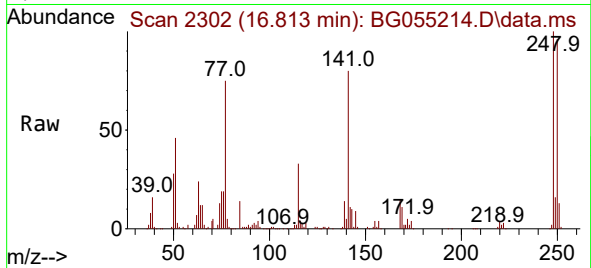




#67
4-Bromophenyl-phenylether
Concen: 45.757 ng
RT: 16.813 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

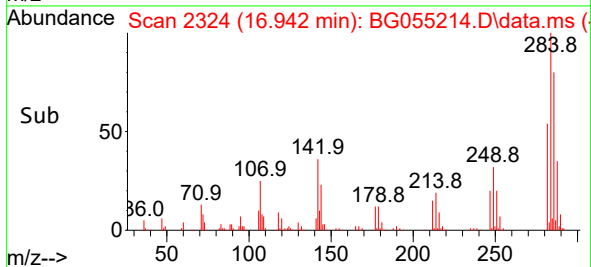
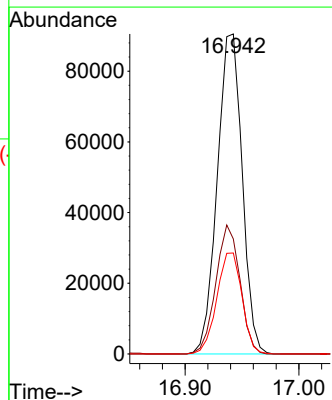
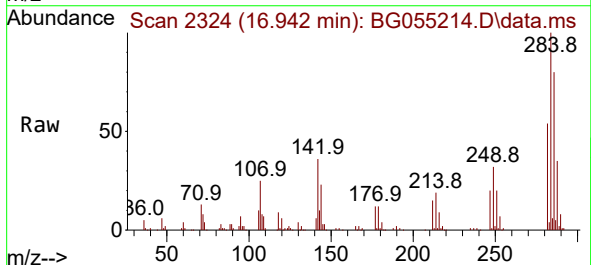
Instrument :
BNA_G
ClientSampleId :
PB148413BS

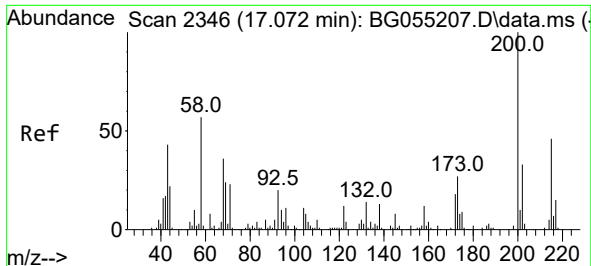
Tgt Ion:248 Resp: 127986
Ion Ratio Lower Upper
248 100
250 96.0 76.7 115.1
141 80.4 65.3 97.9



#68
Hexachlorobenzene
Concen: 45.103 ng
RT: 16.942 min Scan# 2324
Delta R.T. -0.000 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

Tgt Ion:284 Resp: 138074
Ion Ratio Lower Upper
284 100
142 36.0 28.1 42.1
249 31.5 25.0 37.6

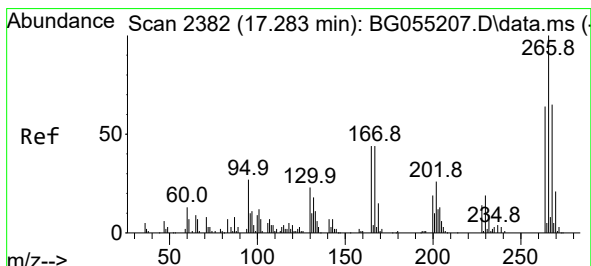
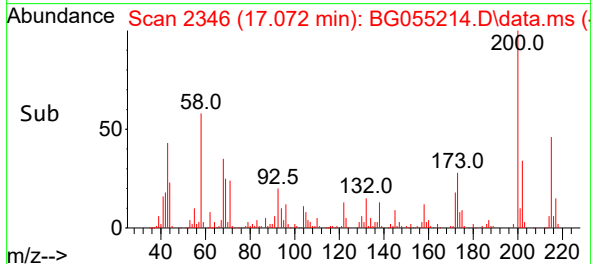
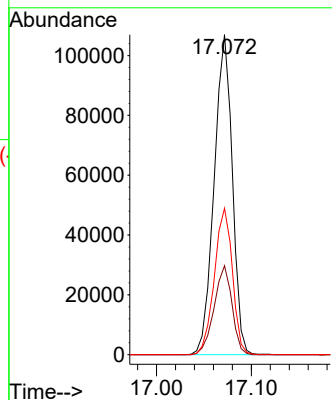
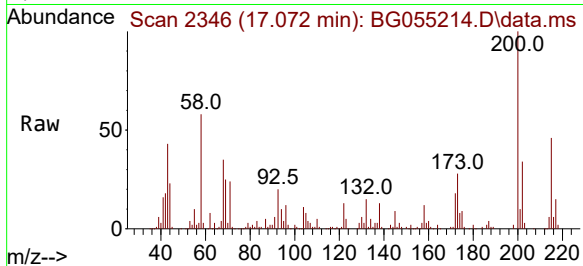




#69
 Atrazine
 Concen: 53.872 ng
 RT: 17.072 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG055214.D
 Acq: 19 Oct 2022 20:35

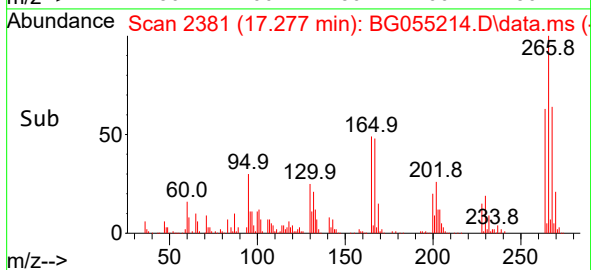
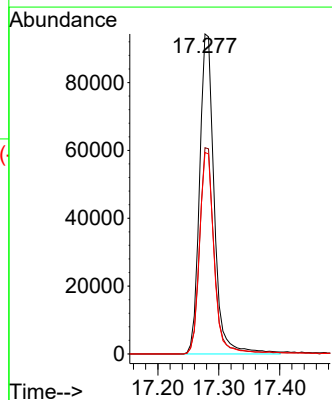
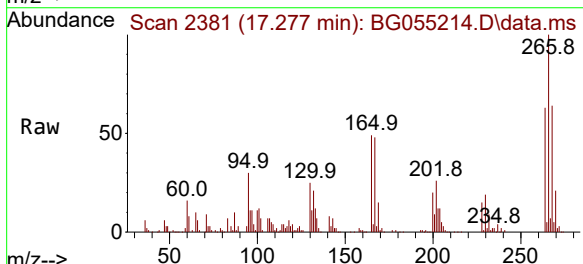
Instrument :
 BNA_G
 ClientSampleId :
 PB148413BS

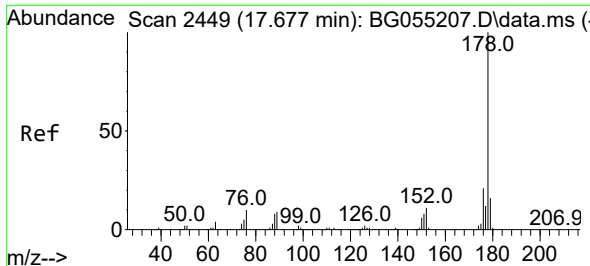
Tgt Ion:200 Resp: 142208
 Ion Ratio Lower Upper
 200 100
 173 27.8 6.8 46.8
 215 45.8 25.7 65.7



#70
 Pentachlorophenol
 Concen: 95.360 ng
 RT: 17.277 min Scan# 2381
 Delta R.T. -0.006 min
 Lab File: BG055214.D
 Acq: 19 Oct 2022 20:35

Tgt Ion:266 Resp: 157548
 Ion Ratio Lower Upper
 266 100
 268 64.5 55.8 83.6
 264 63.0 51.1 76.7

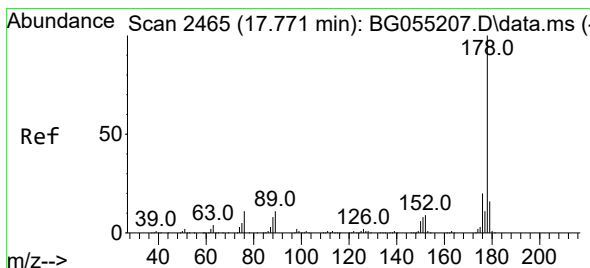
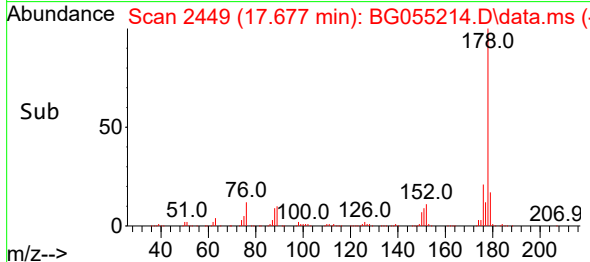
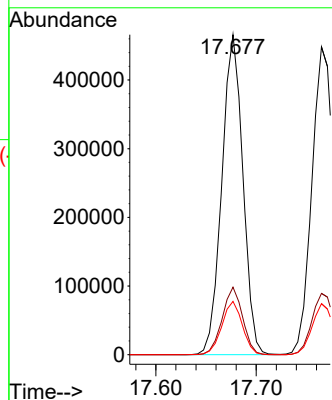
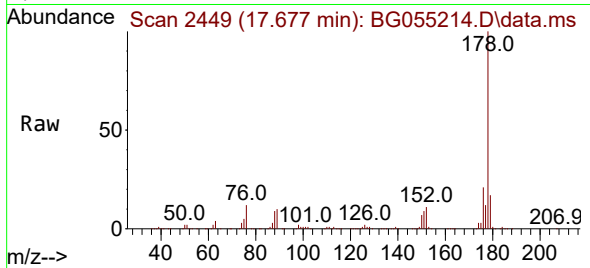




#71
Phenanthrene
Concen: 44.337 ng
RT: 17.677 min Scan# 2449
Delta R.T. -0.000 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

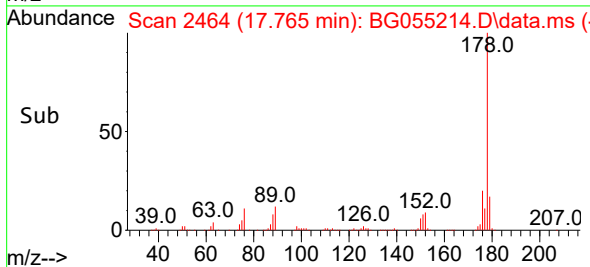
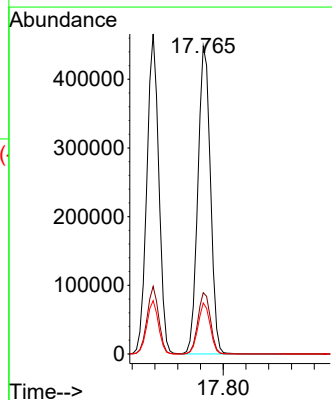
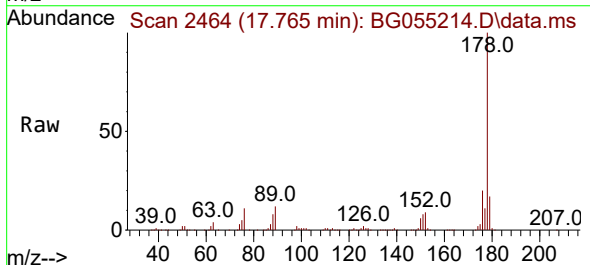
Instrument :
BNA_G
ClientSampleId :
PB148413BS

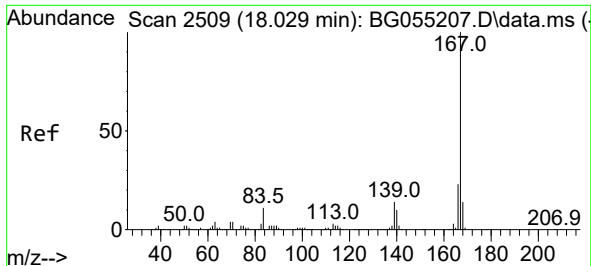
Tgt Ion:178 Resp: 678945
Ion Ratio Lower Upper
178 100
176 21.1 16.4 24.6
179 16.6 12.8 19.2



#72
Anthracene
Concen: 46.080 ng
RT: 17.765 min Scan# 2464
Delta R.T. -0.006 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

Tgt Ion:178 Resp: 689549
Ion Ratio Lower Upper
178 100
176 19.9 16.2 24.2
179 16.6 13.0 19.4

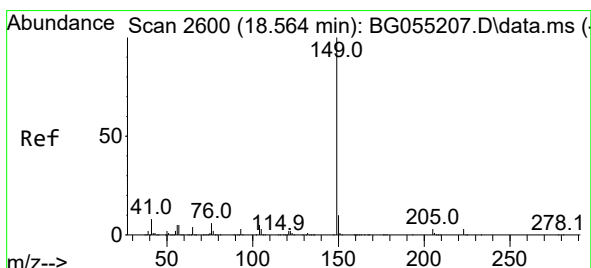
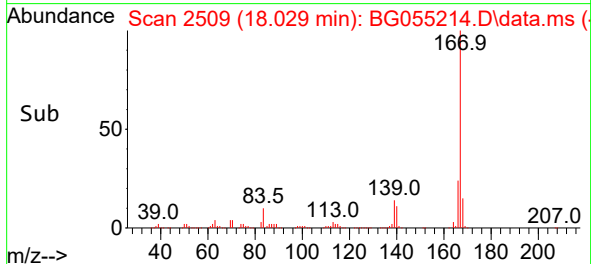
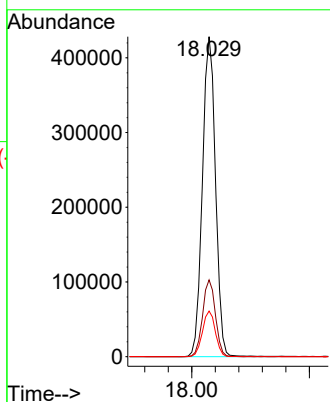
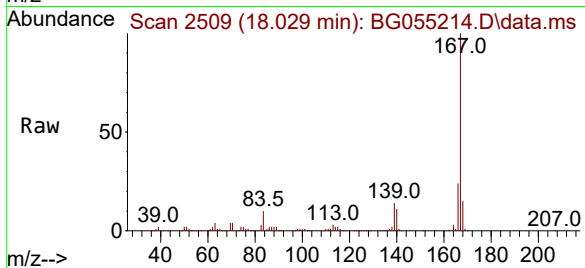




#73
 Carbazole
 Concen: 48.075 ng
 RT: 18.029 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG055214.D
 Acq: 19 Oct 2022 20:35

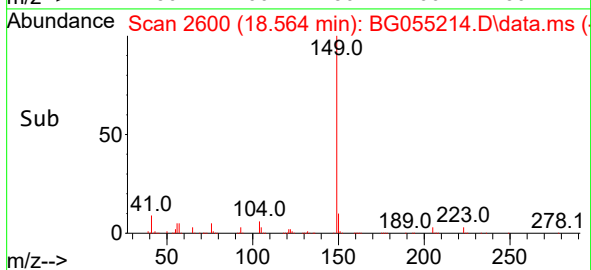
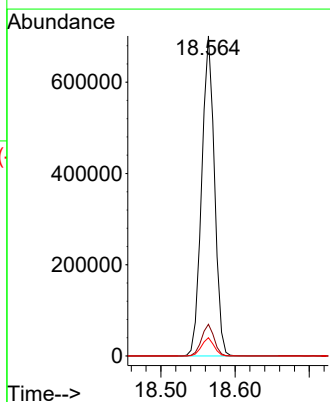
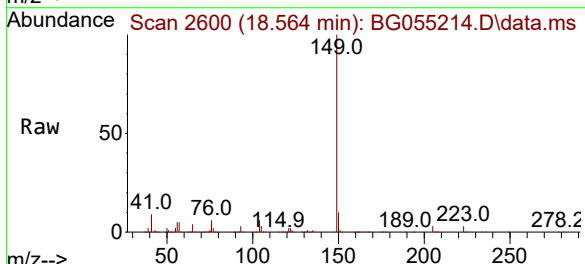
Instrument :
 BNA_G
 ClientSampleId :
 PB148413BS

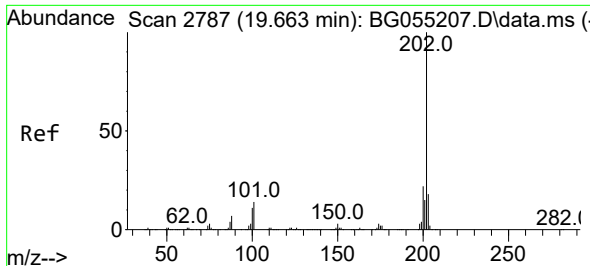
Tgt Ion:167 Resp: 662487
 Ion Ratio Lower Upper
 167 100
 166 24.0 18.5 27.7
 139 14.3 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 46.794 ng
 RT: 18.564 min Scan# 2600
 Delta R.T. -0.000 min
 Lab File: BG055214.D
 Acq: 19 Oct 2022 20:35

Tgt Ion:149 Resp: 841076
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.8 11.6
 104 5.7 4.4 6.6

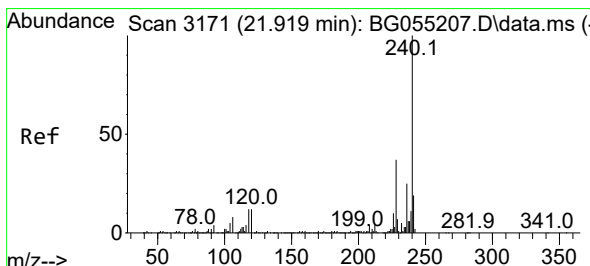
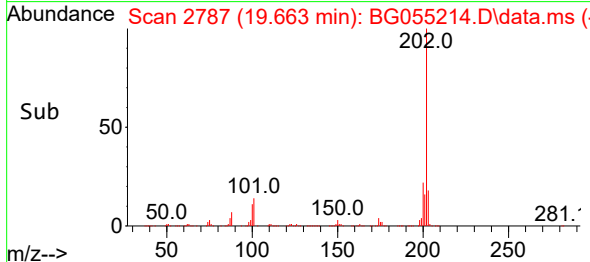
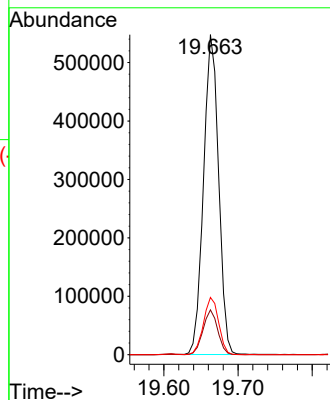
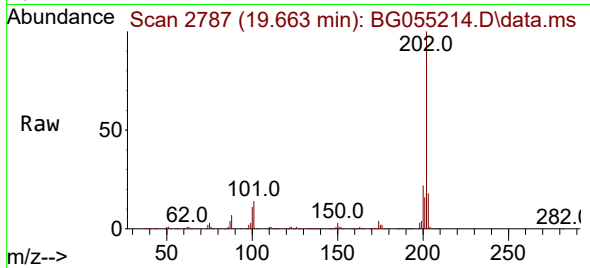




#75
Fluoranthene
Concen: 45.597 ng
RT: 19.663 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

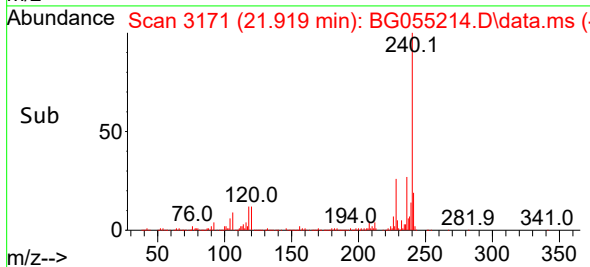
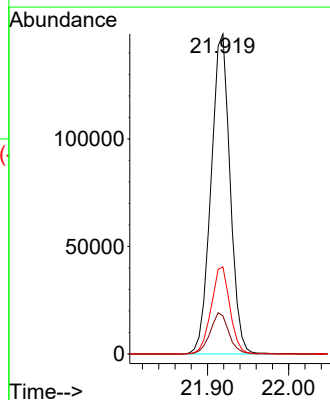
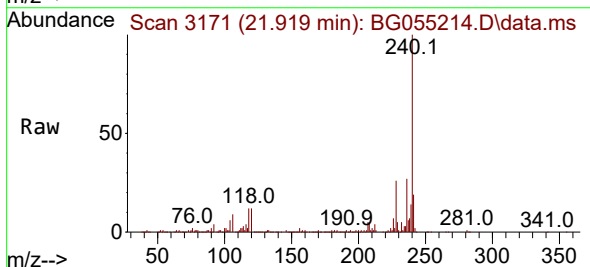
Instrument :
BNA_G
ClientSampleId :
PB148413BS

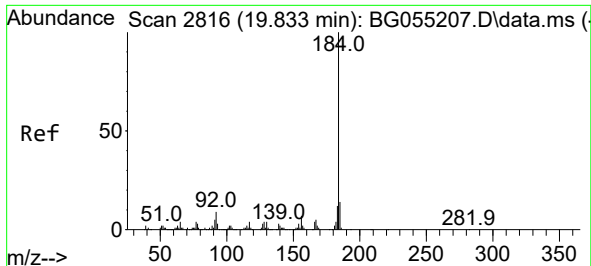
Tgt Ion:202 Resp: 773451
Ion Ratio Lower Upper
202 100
101 14.0 0.0 34.2
203 17.9 0.0 38.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.919 min Scan# 3171
Delta R.T. -0.000 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

Tgt Ion:240 Resp: 242072
Ion Ratio Lower Upper
240 100
120 11.9 9.2 13.8
236 27.2 20.4 30.6

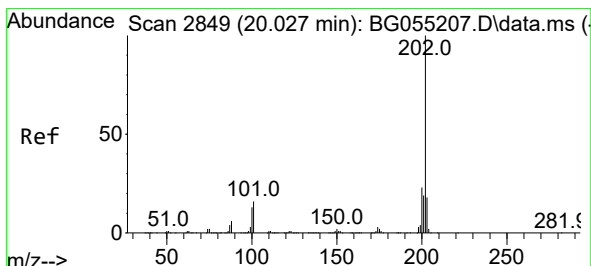
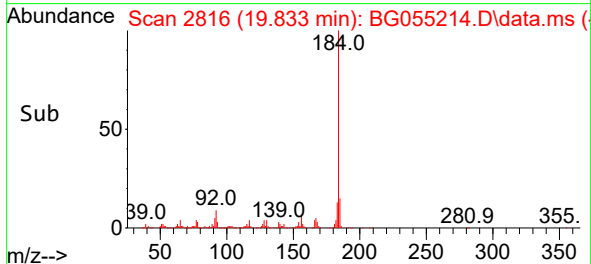
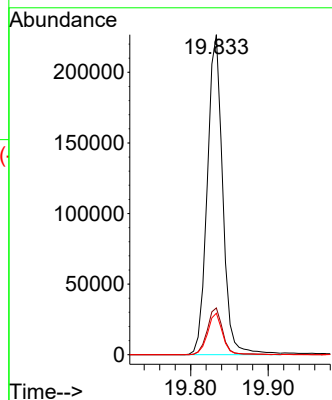
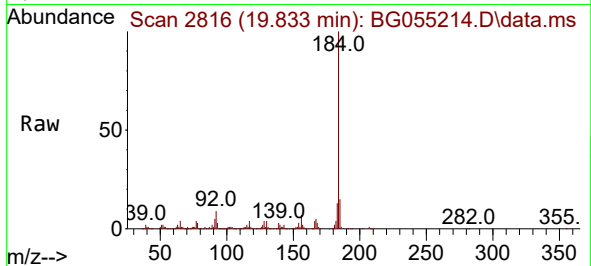




#77
Benzidine
Concen: 50.925 ng
RT: 19.833 min Scan# 2816
Delta R.T. -0.000 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

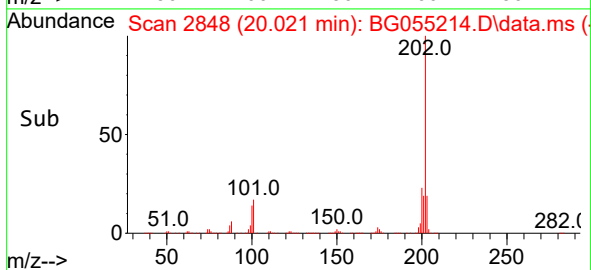
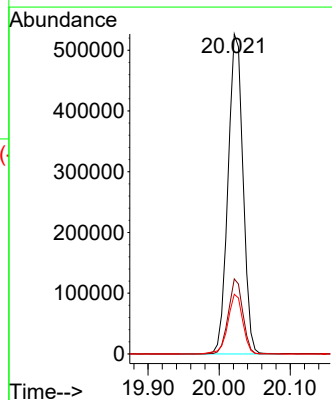
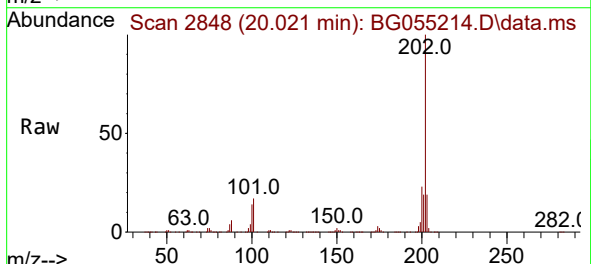
Instrument :
BNA_G
ClientSampleId :
PB148413BS

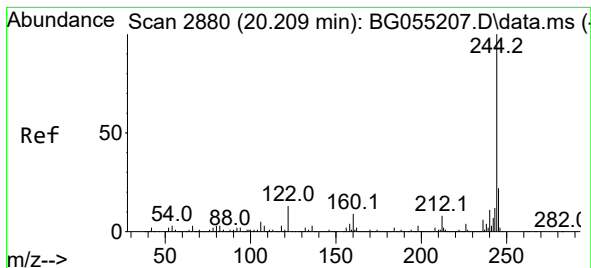
Tgt Ion:184 Resp: 313483
Ion Ratio Lower Upper
184 100
185 14.6 11.4 17.2
183 13.0 9.8 14.6



#78
Pyrene
Concen: 42.231 ng
RT: 20.021 min Scan# 2848
Delta R.T. -0.006 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

Tgt Ion:202 Resp: 770302
Ion Ratio Lower Upper
202 100
200 23.4 18.2 27.2
203 18.6 14.6 22.0





#79

Terphenyl-d14

Concen: 85.180 ng

RT: 20.209 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG055214.D

Acq: 19 Oct 2022 20:35

Instrument :

BNA_G

ClientSampleId :

PB148413BS

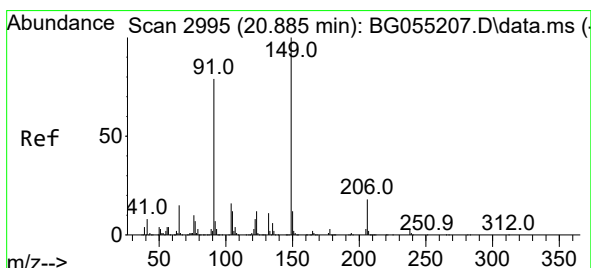
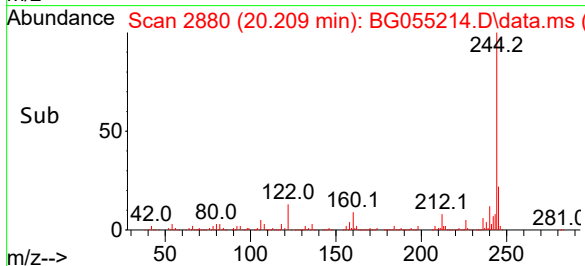
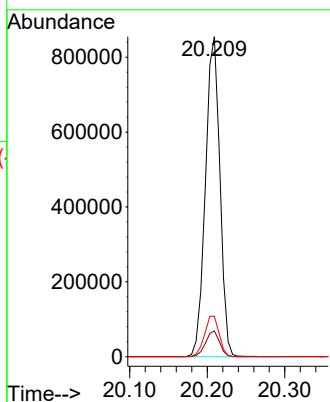
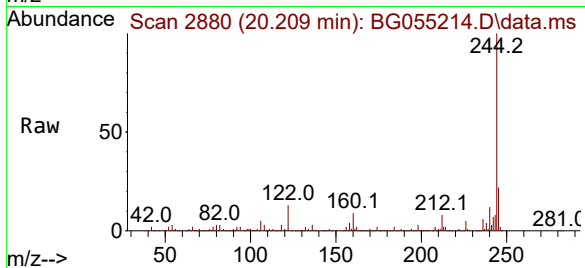
Tgt Ion:244 Resp: 1106626

Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

122 12.6 10.0 15.0



#80

Butylbenzylphthalate

Concen: 43.989 ng

RT: 20.885 min Scan# 2995

Delta R.T. -0.000 min

Lab File: BG055214.D

Acq: 19 Oct 2022 20:35

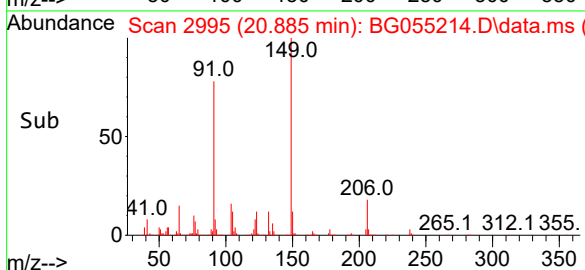
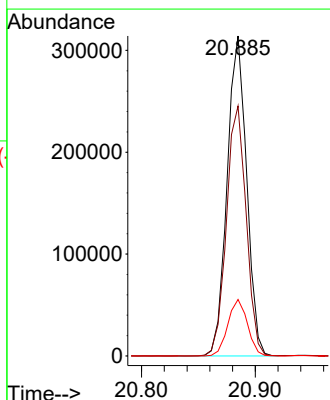
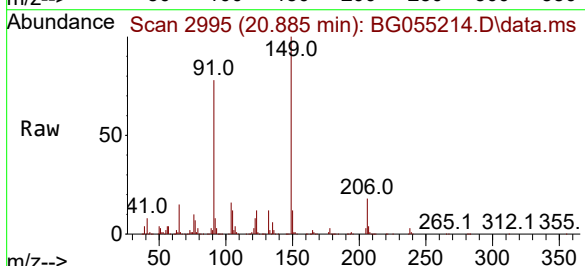
Tgt Ion:149 Resp: 375036

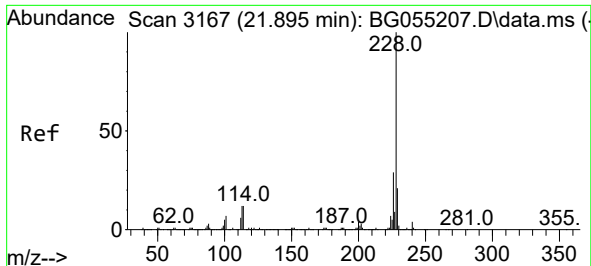
Ion Ratio Lower Upper

149 100

91 78.1 63.2 94.8

206 17.7 14.5 21.7

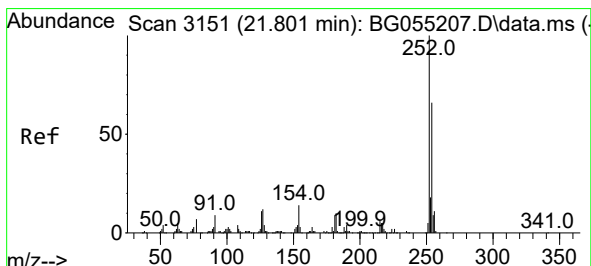
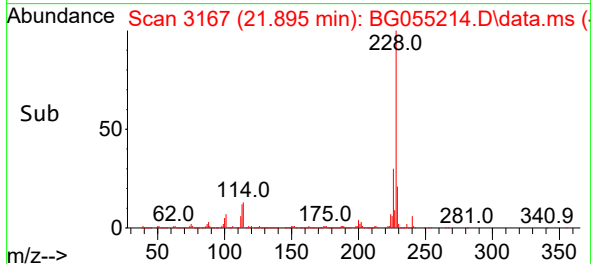
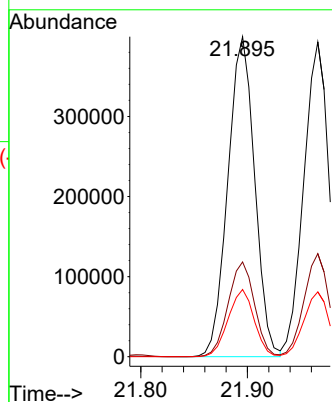
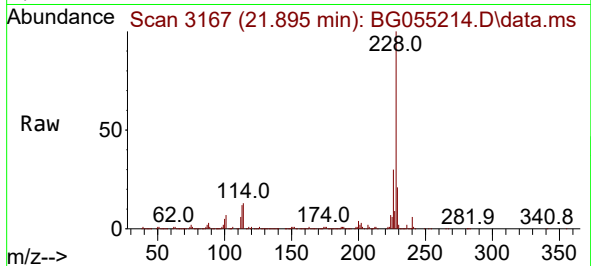




#81
Benzo(a)anthracene
Concen: 44.536 ng
RT: 21.895 min Scan# 3167
Delta R.T. -0.000 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

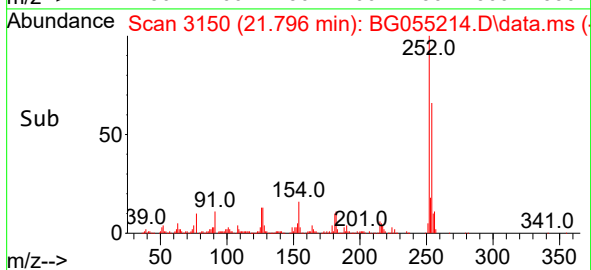
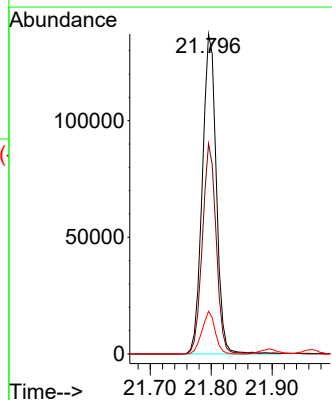
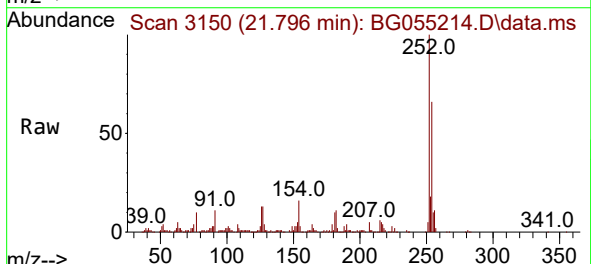
Instrument :
BNA_G
ClientSampleId :
PB148413BS

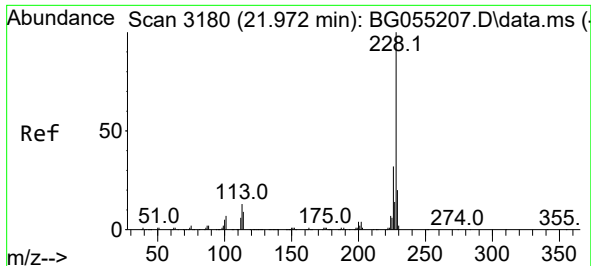
Tgt Ion:228 Resp: 699304
Ion Ratio Lower Upper
228 100
226 29.6 23.1 34.7
229 21.0 16.5 24.7



#82
3,3'-Dichlorobenzidine
Concen: 40.557 ng
RT: 21.796 min Scan# 3150
Delta R.T. -0.006 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

Tgt Ion:252 Resp: 218663
Ion Ratio Lower Upper
252 100
254 65.7 52.8 79.2
126 13.4 9.0 13.6

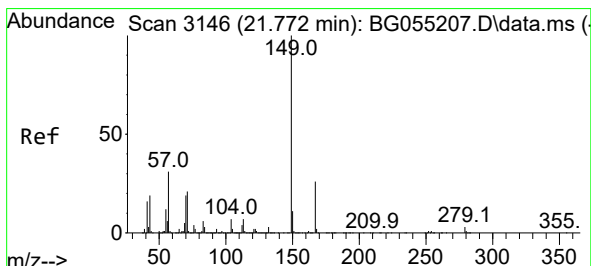
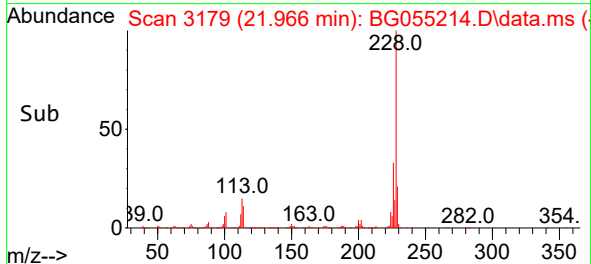
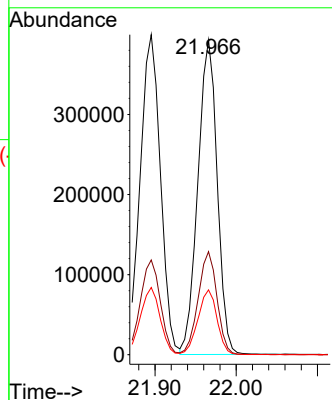
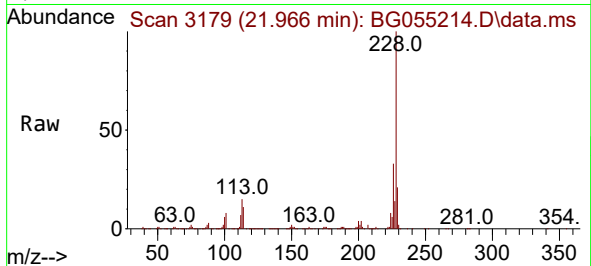




#83
Chrysene
Concen: 44.432 ng
RT: 21.966 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

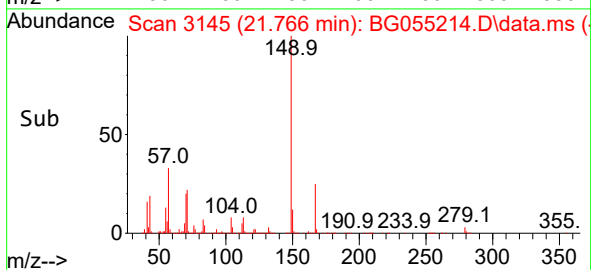
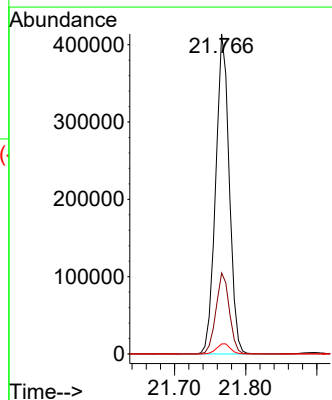
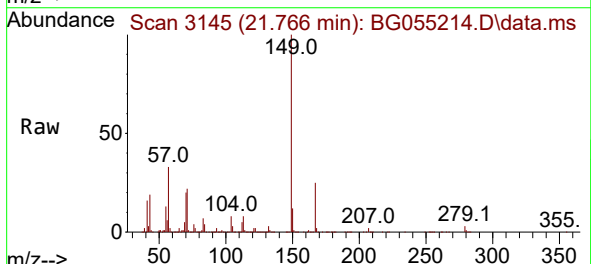
Instrument :
BNA_G
ClientSampleId :
PB148413BS

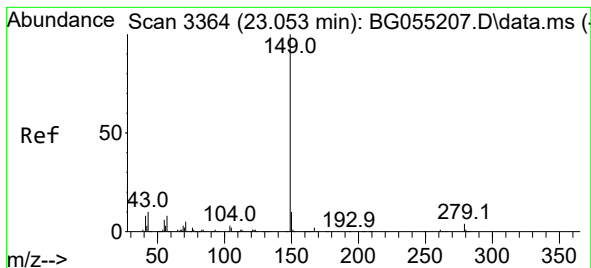
Tgt Ion:228 Resp: 649706
Ion Ratio Lower Upper
228 100
226 32.7 25.4 38.2
229 20.6 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.230 ng
RT: 21.766 min Scan# 3145
Delta R.T. -0.006 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

Tgt Ion:149 Resp: 549171
Ion Ratio Lower Upper
149 100
167 25.3 20.6 31.0
279 3.2 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 54.790 ng

RT: 23.041 min Scan# 31

Delta R.T. -0.012 min

Lab File: BG055214.D

Acq: 19 Oct 2022 20:35

Instrument :

BNA_G

ClientSampleId :

PB148413BS

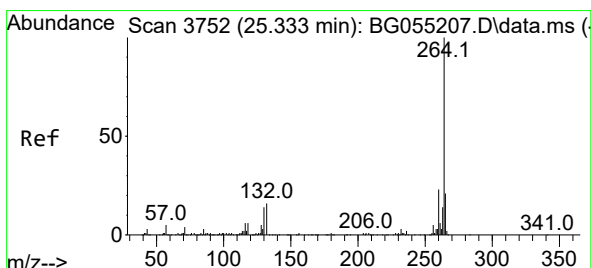
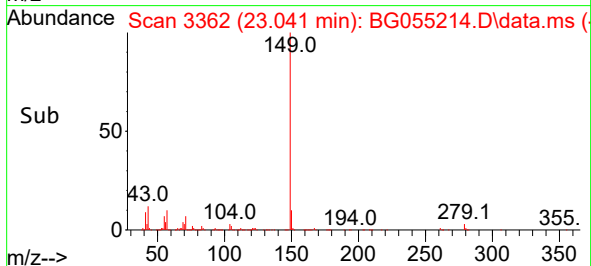
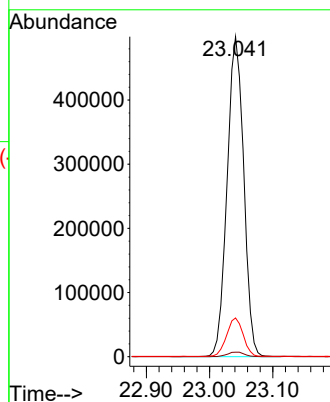
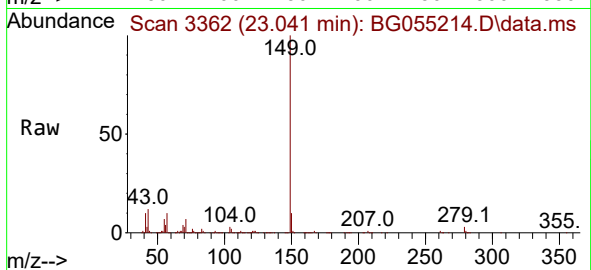
Tgt Ion:149 Resp: 911255

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.9 7.8 11.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.327 min Scan# 3751

Delta R.T. -0.006 min

Lab File: BG055214.D

Acq: 19 Oct 2022 20:35

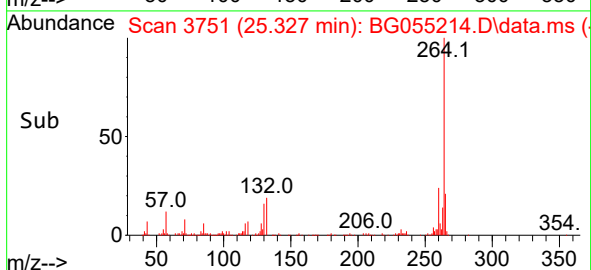
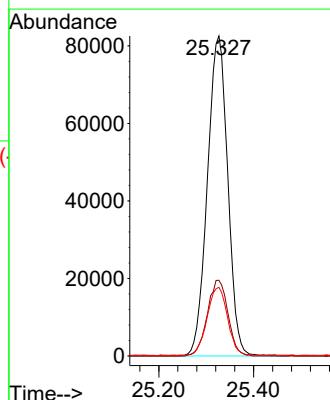
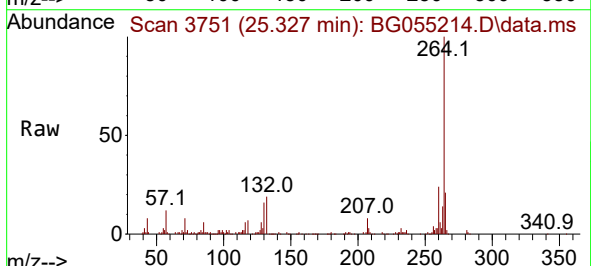
Tgt Ion:264 Resp: 245686

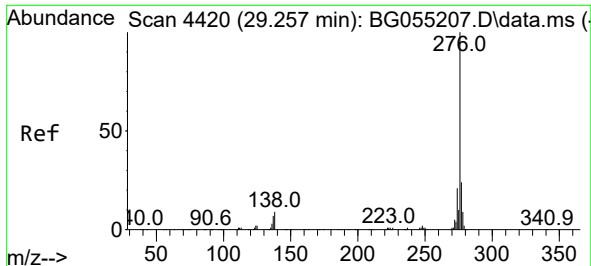
Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 21.4 17.1 25.7

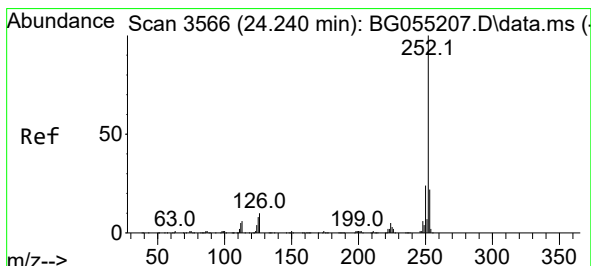
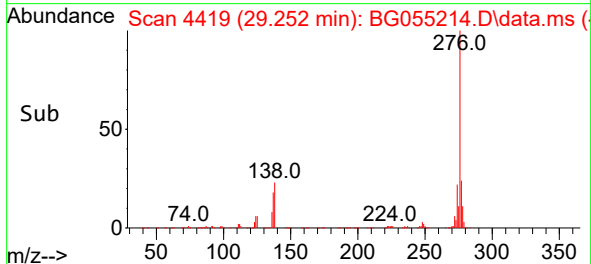
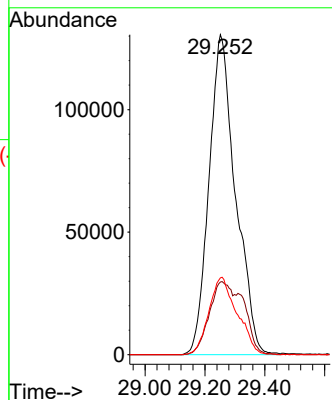
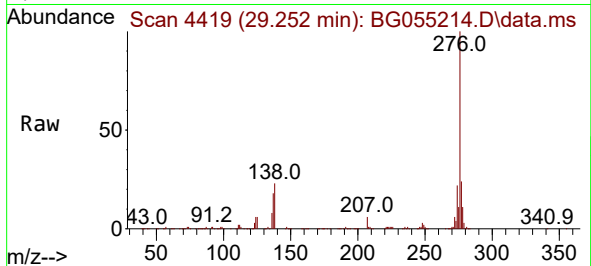




#87
Indeno(1,2,3-cd)pyrene
Concen: 47.072 ng
RT: 29.252 min Scan# 4419
Delta R.T. -0.006 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

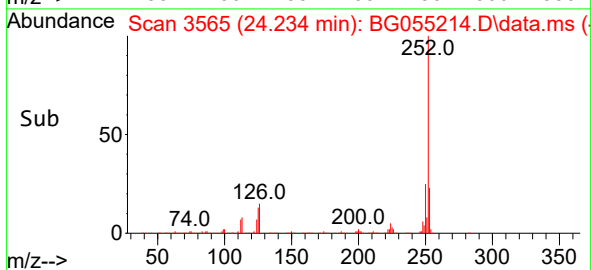
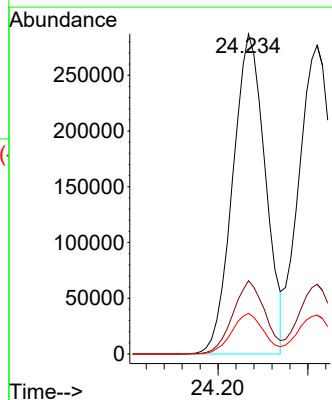
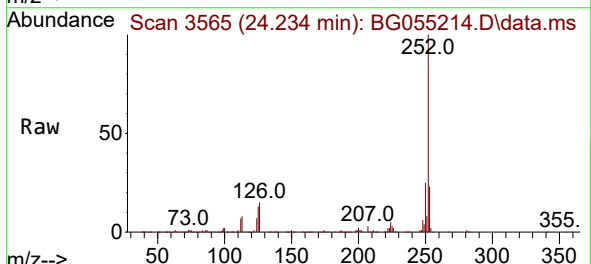
Instrument :
BNA_G
ClientSampleId :
PB148413BS

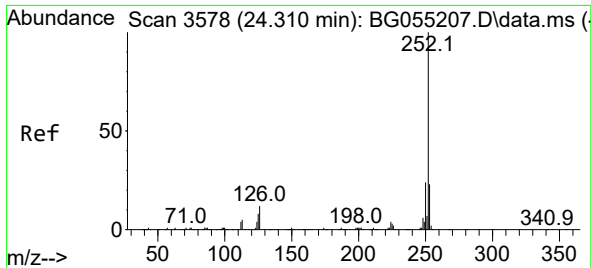
Tgt Ion:276 Resp: 804361
Ion Ratio Lower Upper
276 100
138 21.0 9.5 14.3#
277 25.7 20.5 30.7



#88
Benzo(b)fluoranthene
Concen: 49.561 ng
RT: 24.234 min Scan# 3565
Delta R.T. -0.006 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

Tgt Ion:252 Resp: 723072
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 12.7 6.2 9.2#

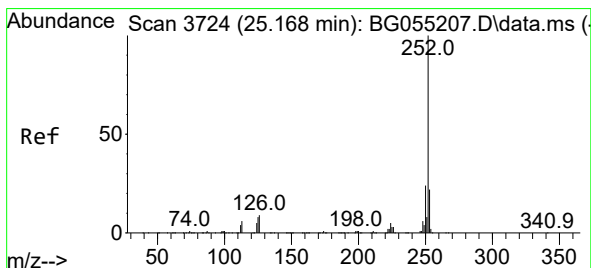
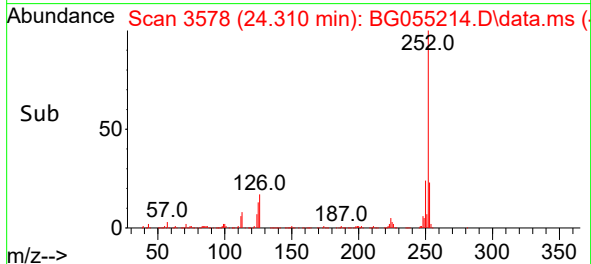
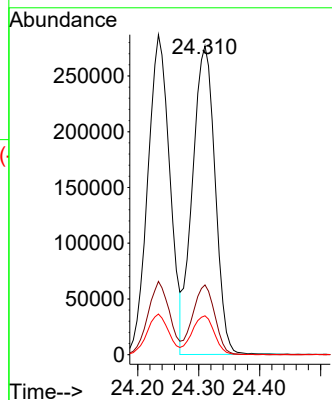
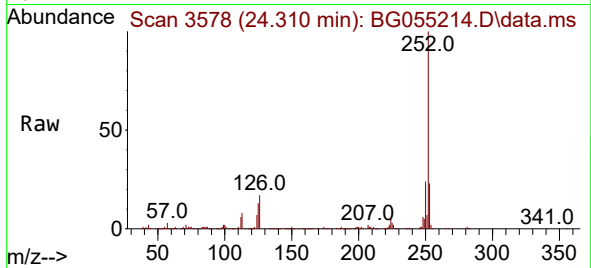




#89
Benzo(k)fluoranthene
Concen: 48.218 ng
RT: 24.310 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

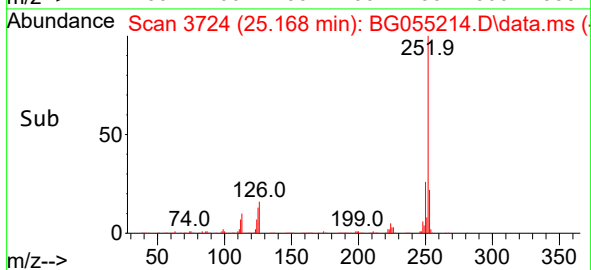
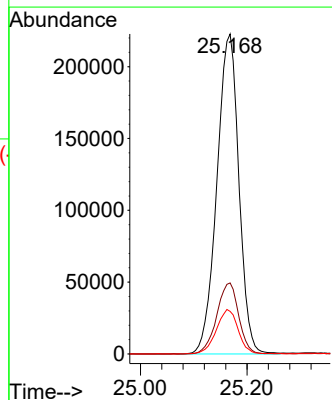
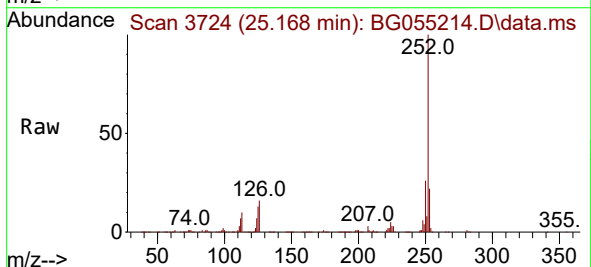
Instrument :
BNA_G
ClientSampleId :
PB148413BS

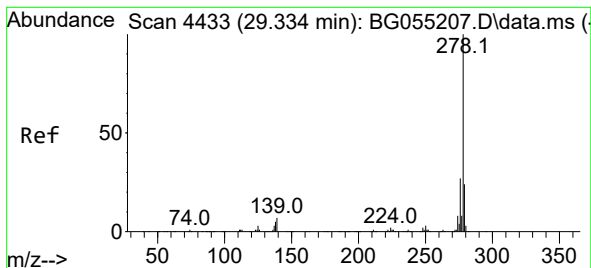
Tgt Ion:252 Resp: 712468
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 12.6 6.5 9.7#



#90
Benzo(a)pyrene
Concen: 50.926 ng
RT: 25.168 min Scan# 3724
Delta R.T. -0.000 min
Lab File: BG055214.D
Acq: 19 Oct 2022 20:35

Tgt Ion:252 Resp: 637718
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 13.3 6.2 9.2#





#91

Dibenzo(a,h)anthracene

Concen: 49.696 ng

RT: 29.328 min Scan# 4432

Delta R.T. -0.006 min

Lab File: BG055214.D

Acq: 19 Oct 2022 20:35

Instrument :

BNA_G

ClientSampleId :

PB148413BS

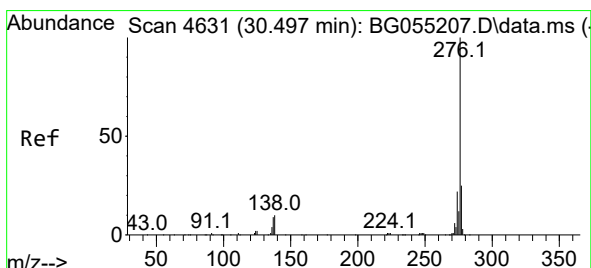
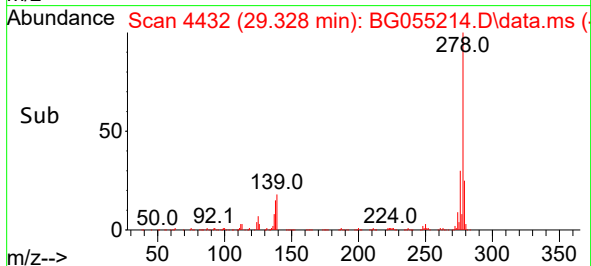
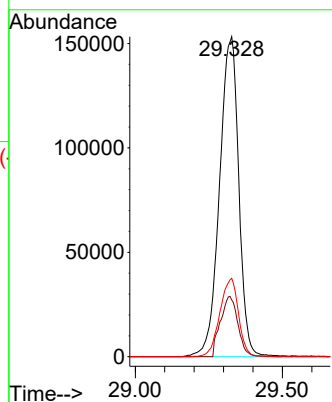
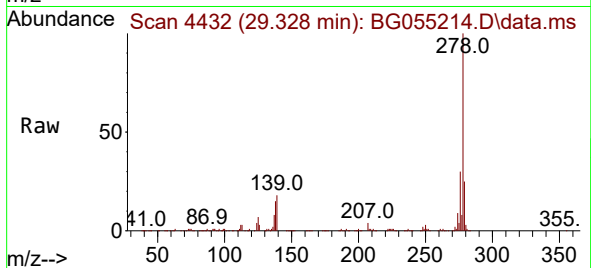
Tgt Ion:278 Resp: 695711

Ion Ratio Lower Upper

278 100

139 17.8 5.6 8.4#

279 24.5 19.5 29.3



#92

Benzo(g,h,i)perylene

Concen: 50.791 ng

RT: 30.491 min Scan# 4630

Delta R.T. -0.006 min

Lab File: BG055214.D

Acq: 19 Oct 2022 20:35

Tgt Ion:276 Resp: 688804

Ion Ratio Lower Upper

276 100

277 24.2 19.7 29.5

138 23.6 8.0 12.0#

