

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101922\
 Data File : BG055215.D
 Acq On : 19 Oct 2022 21:16
 Operator : CG/JU
 Sample : PB148413BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148413BSD

Quant Time: Oct 20 09:41:32 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	8.290	152	37195	20.000	ng	0.00
21) Naphthalene-d8	11.116	136	187980	20.000	ng	0.00
39) Acenaphthene-d10	14.900	164	132316	20.000	ng	0.00
64) Phenanthrene-d10	17.632	188	301168	20.000	ng	0.00
76) Chrysene-d12	21.915	240	258605	20.000	ng	0.00
86) Perylene-d12	25.323	264	258968	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.811	112	360929	174.583	ng	0.00
7) Phenol-d6	7.426	99	517676	164.330	ng	0.00
23) Nitrobenzene-d5	9.459	82	316663	81.327	ng	0.00
42) 2,4,6-Tribromophenol	16.381	330	204266	148.984	ng	0.00
45) 2-Fluorobiphenyl	13.531	172	691497	83.477	ng	0.00
79) Terphenyl-d14	20.206	244	1162634	83.770	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.619	88	34928	34.741	ng	96
3) Pyridine	4.036	79	101408	32.032	ng	99
4) n-Nitrosodimethylamine	3.948	42	63720	43.012	ng	97
6) Aniline	7.603	93	190702	46.694	ng	99
8) 2-Chlorophenol	7.844	128	135857	54.352	ng	100
9) Benzaldehyde	7.415	77	88040	40.204	ng	98
10) Phenol	7.456	94	193291	54.311	ng	99
11) bis(2-Chloroethyl)ether	7.691	93	128899	47.040	ng	99
12) 1,3-Dichlorobenzene	8.178	146	123987	45.728	ng	98
13) 1,4-Dichlorobenzene	8.325	146	124869	45.083	ng	99
14) 1,2-Dichlorobenzene	8.648	146	124639	47.228	ng	98
15) Benzyl Alcohol	8.519	79	146838	54.274	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.813	45	224097	45.377	ng	97
17) 2-Methylphenol	8.719	107	133591	54.227	ng	99
18) Hexachloroethane	9.389	117	46052	45.936	ng	95
19) n-Nitroso-di-n-propyla...	9.095	70	128159	47.433	ng	96
20) 3+4-Methylphenols	9.048	107	188914	54.558	ng	98
22) Acetophenone	9.113	105	217369	42.749	ng	98
24) Nitrobenzene	9.506	77	172407	41.409	ng	98
25) Isophorone	10.029	82	355734	44.655	ng	98
26) 2-Nitrophenol	10.217	139	77725	47.456	ng	98
27) 2,4-Dimethylphenol	10.264	122	143097	54.864	ng	96
28) bis(2-Chloroethoxy)met...	10.499	93	197907	51.699	ng	99
29) 2,4-Dichlorophenol	10.758	162	137842	49.499	ng	95
30) 1,2,4-Trichlorobenzene	10.975	180	118119	41.428	ng	100
31) Naphthalene	11.169	128	436627	44.019	ng	99
32) Benzoic acid	10.411	122	94937	50.851	ng	93
33) 4-Chloroaniline	11.269	127	150645	36.882	ng	96
34) Hexachlorobutadiene	11.445	225	66196	38.449	ng	96
35) Caprolactam	12.039	113	32690	26.712	ng	98
36) 4-Chloro-3-methylphenol	12.368	107	179230	49.498	ng	99
37) 2-Methylnaphthalene	12.750	142	319015	42.283	ng	99
38) 1-Methylnaphthalene	12.967	142	307094	41.230	ng	99
40) 1,2,4,5-Tetrachloroben...	13.114	216	138415	44.505	ng	99
41) Hexachlorocyclopentadiene	13.090	237	158237	111.720	ng	98
43) 2,4,6-Trichlorophenol	13.343	196	109797	46.384	ng	100

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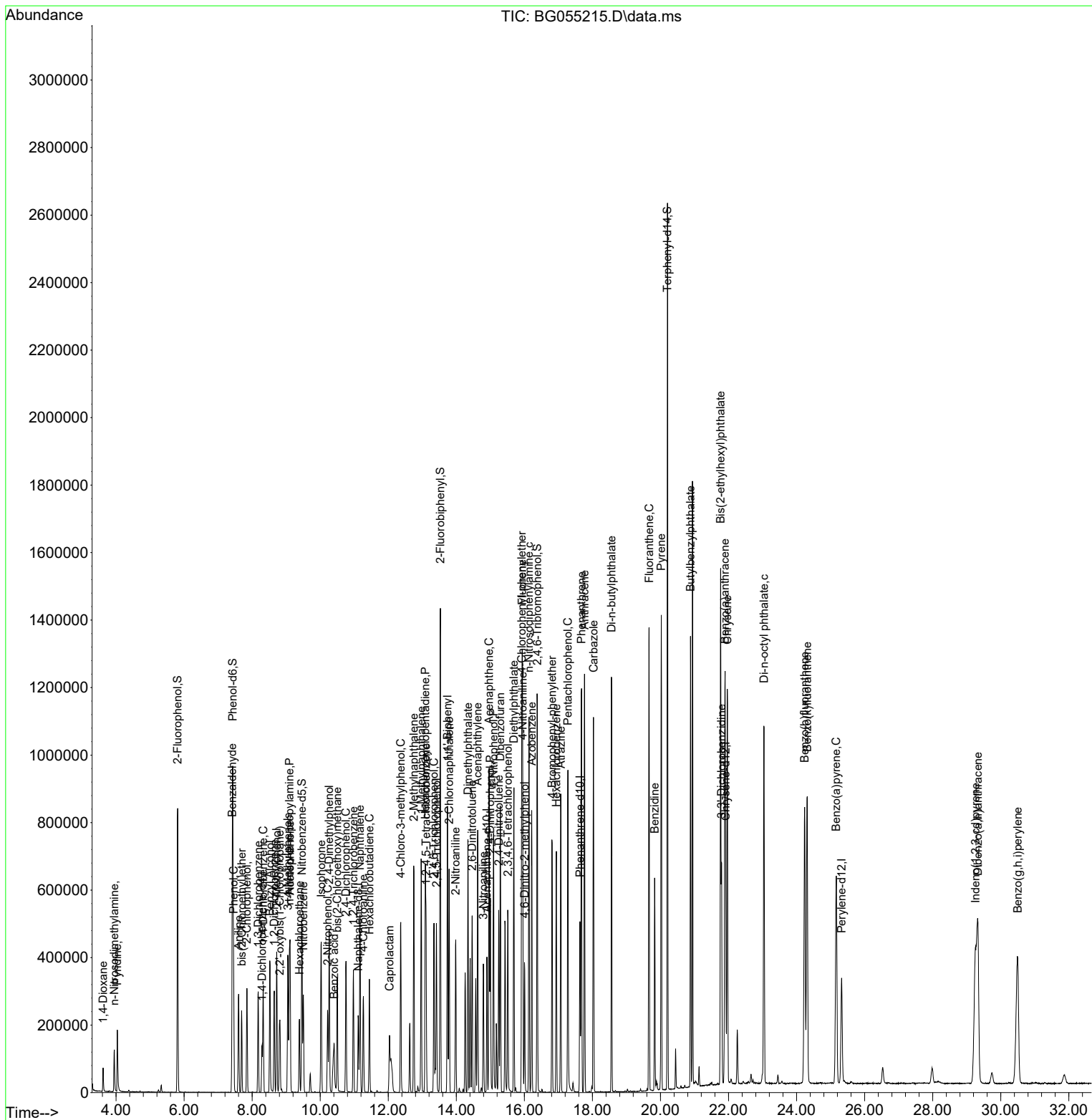
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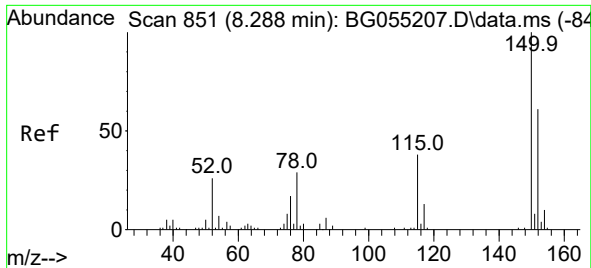
Quant Time: Oct 20 09:41:32 2022
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.419	196	124705	48.020	ng	97
46) 1,1'-Biphenyl	13.742	154	431919	46.100	ng	100
47) 2-Chloronaphthalene	13.789	162	318134	44.105	ng	99
48) 2-Nitroaniline	13.983	65	138934	47.463	ng	99
49) Acenaphthylene	14.630	152	556643	45.110	ng	99
50) Dimethylphthalate	14.342	163	468962	45.059	ng	100
51) 2,6-Dinitrotoluene	14.465	165	100602	48.173	ng	95
52) Acenaphthene	14.965	154	339628	43.229	ng	100
53) 3-Nitroaniline	14.794	138	96683	37.167	ng	99
54) 2,4-Dinitrophenol	15.000	184	114729	108.975	ng	100
55) Dibenzofuran	15.294	168	525324	46.421	ng	99
56) 4-Nitrophenol	15.094	139	194045	106.089	ng	100
57) 2,4-Dinitrotoluene	15.247	165	145642	49.877	ng	99
58) Fluorene	15.940	166	440748	46.247	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.517	232	104340	46.137	ng	97
60) Diethylphthalate	15.693	149	516406	47.428	ng	99
61) 4-Chlorophenyl-phenylether	15.922	204	208113	47.048	ng	100
62) 4-Nitroaniline	15.952	138	125198	47.446	ng	96
63) Azobenzene	16.216	77	523751	47.594	ng	99
65) 4,6-Dinitro-2-methylph...	16.005	198	76037	47.265	ng	98
66) n-Nitrosodiphenylamine	16.134	169	396536	47.177	ng	99
67) 4-Bromophenyl-phenylether	16.815	248	135310	46.095	ng	97
68) Hexachlorobenzene	16.939	284	147139	45.799	ng	96
69) Atrazine	17.074	200	150936	54.483	ng	99
70) Pentachlorophenol	17.280	266	170021	98.059	ng	95
71) Phenanthrene	17.679	178	718132	44.685	ng	100
72) Anthracene	17.767	178	723508	46.070	ng	99
73) Carbazole	18.032	167	700488	48.437	ng	99
74) Di-n-butylphthalate	18.560	149	895630	47.481	ng	100
75) Fluoranthene	19.665	202	813831	45.716	ng	99
77) Benzidine	19.829	184	342999	52.158	ng	99
78) Pyrene	20.023	202	814523	41.800	ng	99
80) Butylbenzylphthalate	20.881	149	398450	43.747	ng	98
81) Benzo(a)anthracene	21.892	228	737766	43.982	ng	99
82) 3,3'-Dichlorobenzidine	21.798	252	230348	39.993	ng	98
83) Chrysene	21.962	228	692389	44.323	ng	99
84) Bis(2-ethylhexyl)phtha...	21.768	149	579554	48.632	ng	99
85) Di-n-octyl phthalate	23.043	149	966851	54.417	ng	95
87) Indeno(1,2,3-cd)pyrene	29.254	276	857052	47.583	ng	# 93
88) Benzo(b)fluoranthene	24.236	252	775494	50.428	ng	# 94
89) Benzo(k)fluoranthene	24.312	252	748171	48.038	ng	# 96
90) Benzo(a)pyrene	25.164	252	676232	51.232	ng	# 95
91) Dibenzo(a,h)anthracene	29.324	278	742290	50.304	ng	# 93
92) Benzo(g,h,i)perylene	30.499	276	733080	51.283	ng	# 87

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

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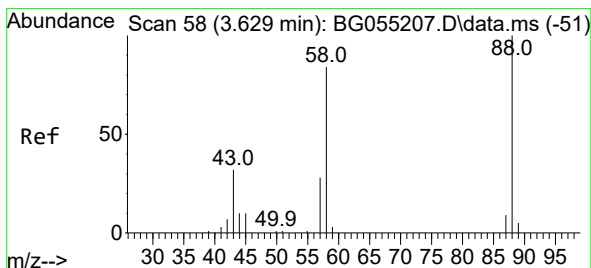
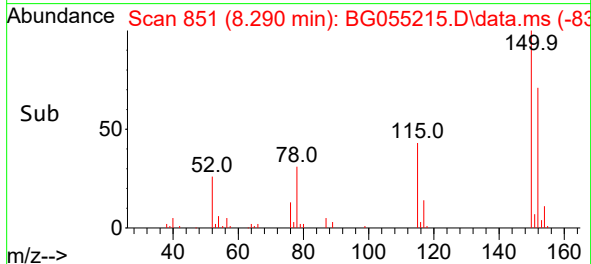
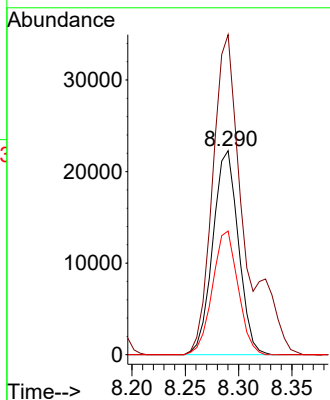
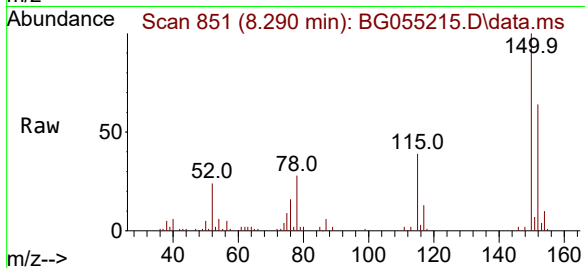




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.290 min Scan# 81
 Delta R.T. 0.002 min
 Lab File: BG055215.D
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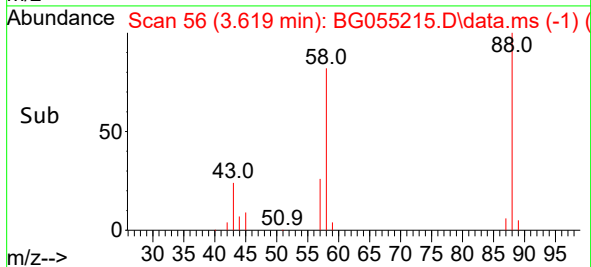
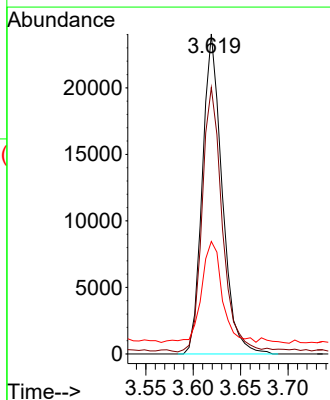
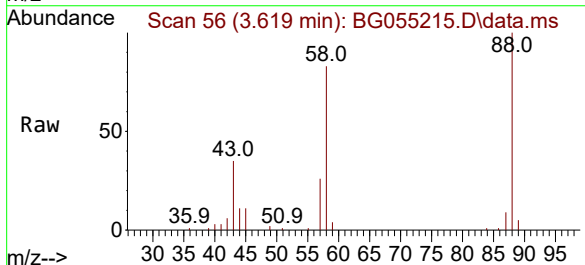
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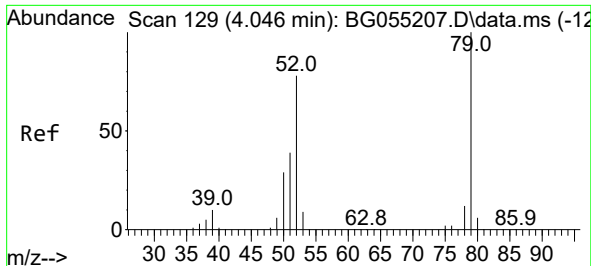
Tgt Ion:152 Resp: 37195
 Ion Ratio Lower Upper
 152 100
 150 156.9 130.2 195.2
 115 60.7 50.0 75.0



#2
 1,4-Dioxane
 Concen: 34.741 ng
 RT: 3.619 min Scan# 56
 Delta R.T. -0.010 min
 Lab File: BG055215.D
 Acq: 19 Oct 2022 21:16

Tgt Ion: 88 Resp: 34928
 Ion Ratio Lower Upper
 88 100
 58 85.3 63.9 95.9
 43 32.7 26.0 39.0

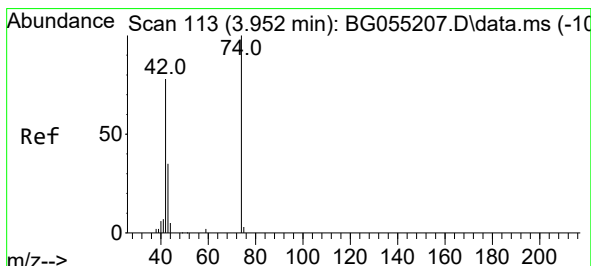
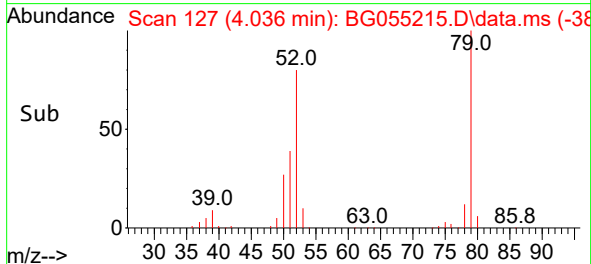
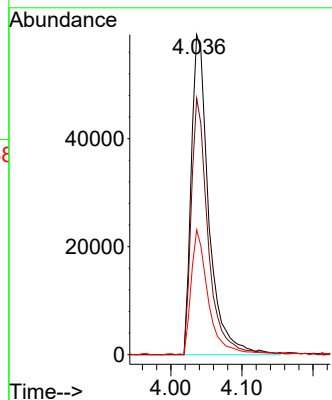
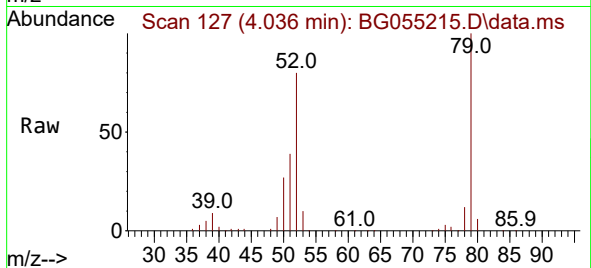




#3
Pyridine
Concen: 32.032 ng
RT: 4.036 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

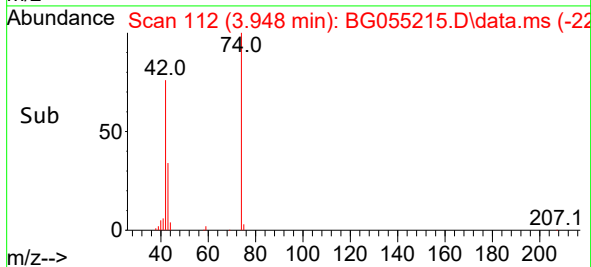
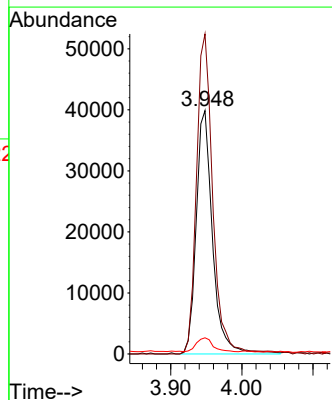
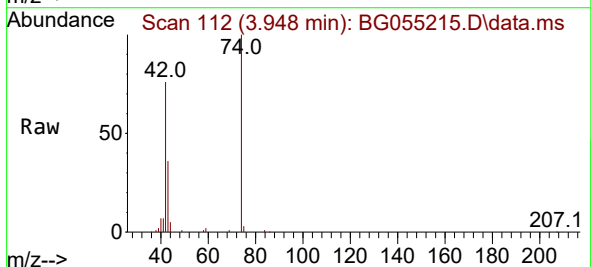
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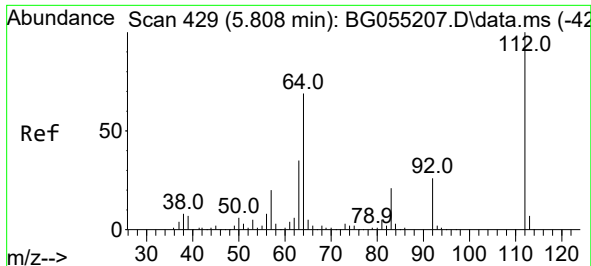
Tgt Ion: 79 Resp: 101408
Ion Ratio Lower Upper
79 100
52 80.1 62.7 94.1
51 39.0 31.4 47.0



#4
n-Nitrosodimethylamine
Concen: 43.012 ng
RT: 3.948 min Scan# 112
Delta R.T. -0.004 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

Tgt Ion: 42 Resp: 63720
Ion Ratio Lower Upper
42 100
74 131.4 102.7 154.1
44 6.6 5.4 8.2

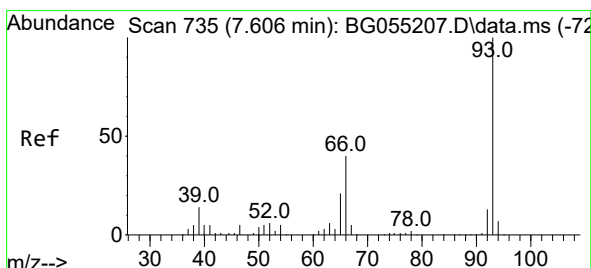
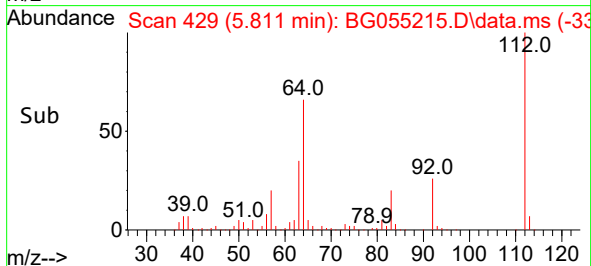
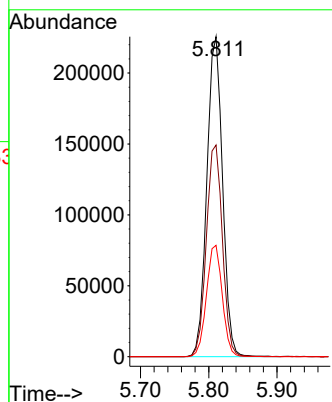
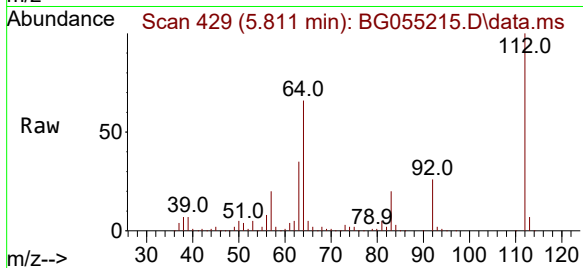




#5
2-Fluorophenol
Concen: 174.583 ng
RT: 5.811 min Scan# 41
Delta R.T. 0.003 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

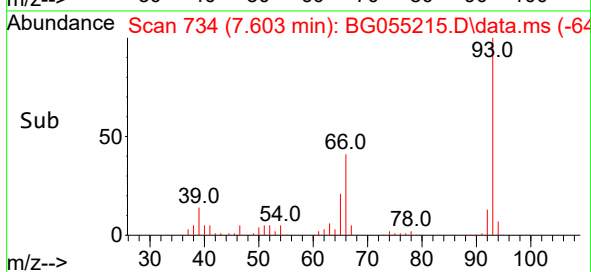
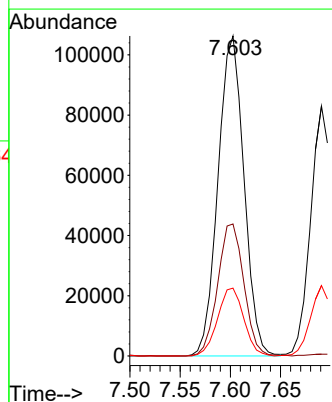
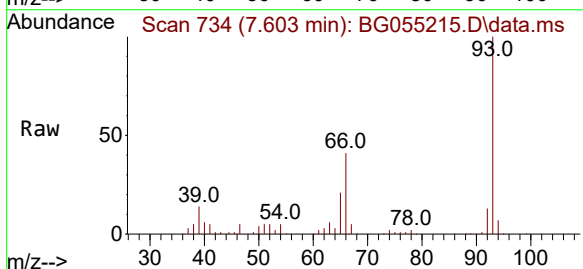
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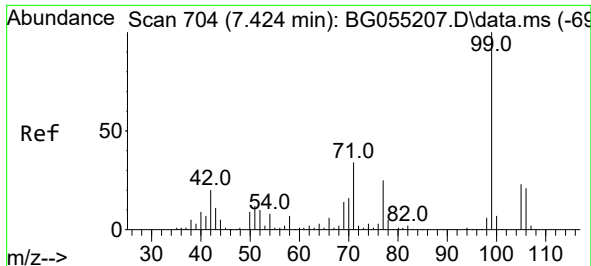
Tgt Ion:112 Resp: 360929
Ion Ratio Lower Upper
112 100
64 66.1 55.1 82.7
63 34.8 27.8 41.6



#6
Aniline
Concen: 46.694 ng
RT: 7.603 min Scan# 734
Delta R.T. -0.004 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

Tgt Ion: 93 Resp: 190702
Ion Ratio Lower Upper
93 100
66 41.2 32.3 48.5
65 21.2 16.9 25.3

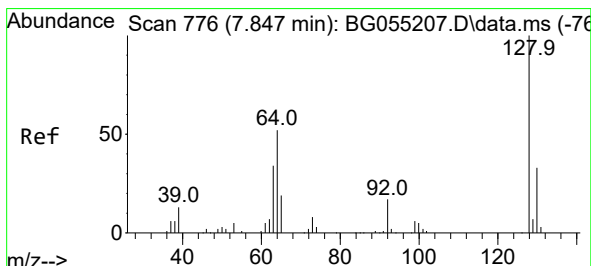
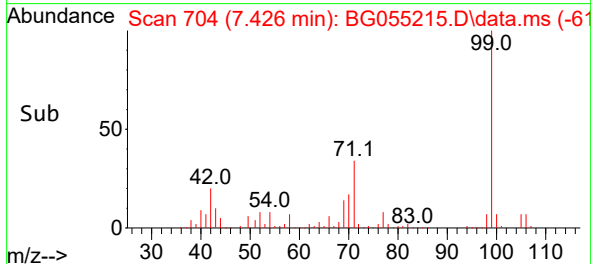
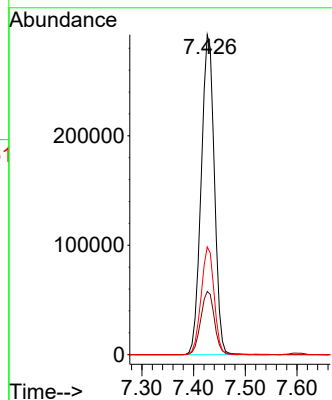
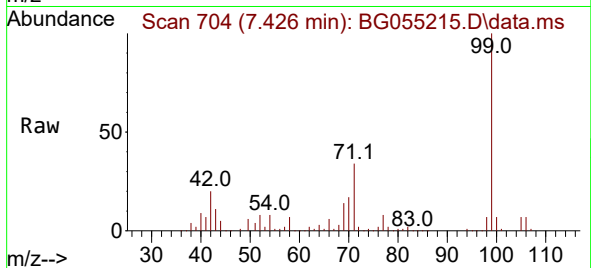




#7
Phenol-d6
Concen: 164.330 ng
RT: 7.426 min Scan# 704
Delta R.T. 0.002 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

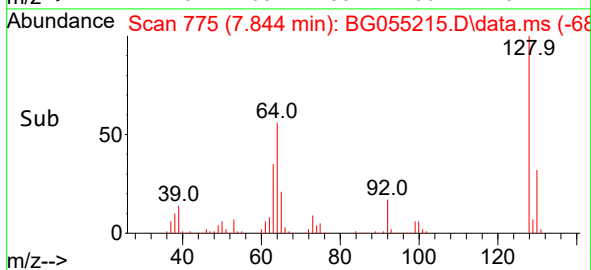
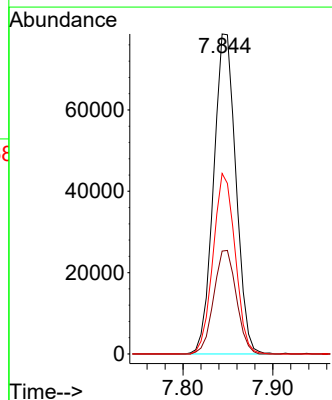
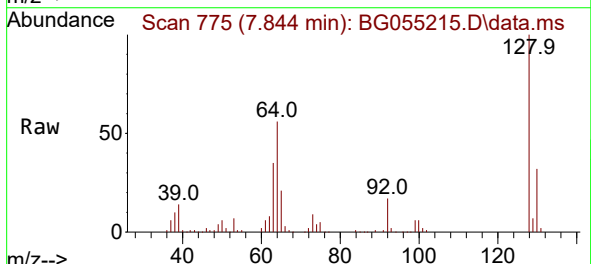
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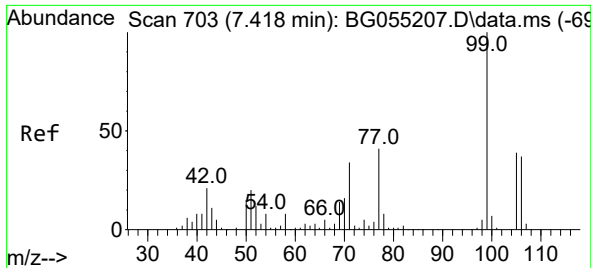
Tgt Ion: 99 Resp: 517676
Ion Ratio Lower Upper
99 100
42 19.8 16.2 24.4
71 33.7 27.3 40.9



#8
2-Chlorophenol
Concen: 54.352 ng
RT: 7.844 min Scan# 775
Delta R.T. -0.004 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

Tgt Ion:128 Resp: 135857
Ion Ratio Lower Upper
128 100
130 32.2 12.6 52.6
64 56.4 36.2 76.2

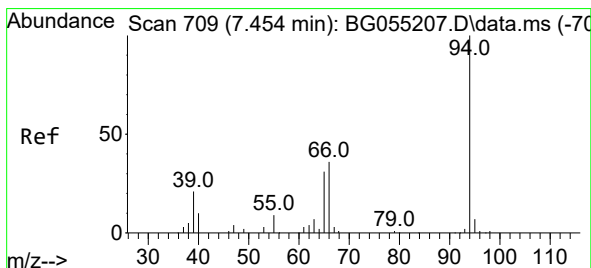
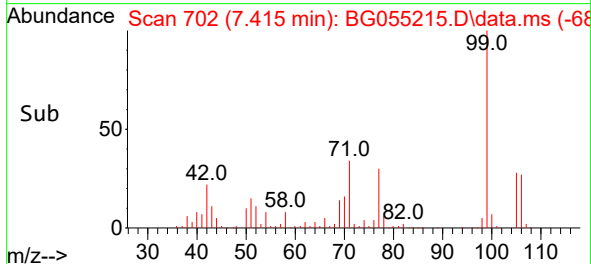
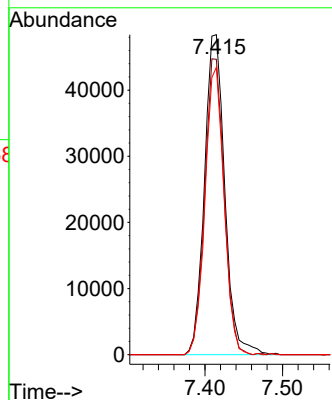
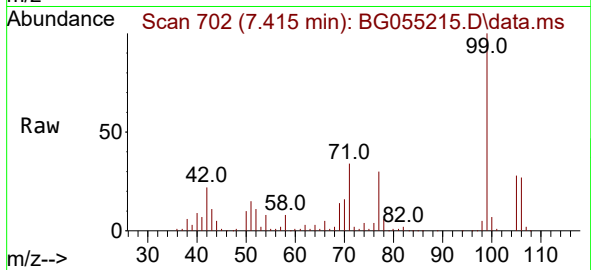




#9
Benzaldehyde
Concen: 40.204 ng
RT: 7.415 min Scan# 703
Delta R.T. -0.004 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

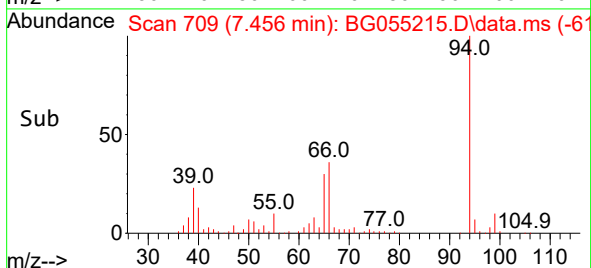
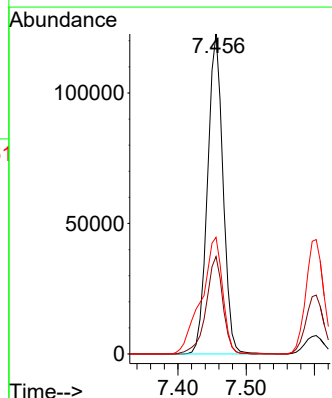
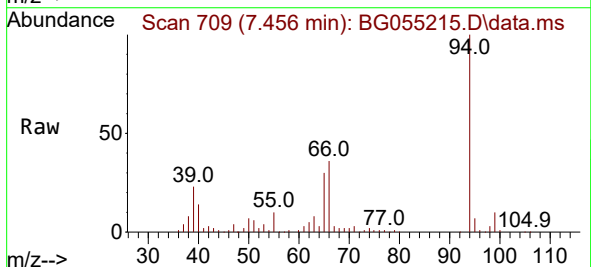
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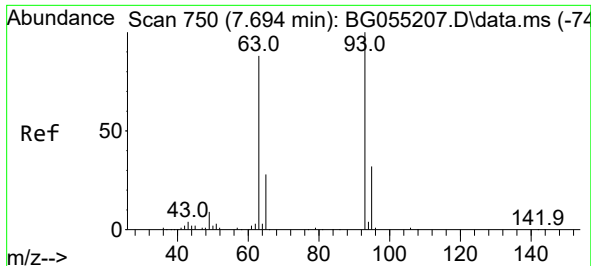
Tgt Ion: 77 Resp: 88040
Ion Ratio Lower Upper
77 100
105 92.3 74.9 114.9
106 89.8 69.5 109.5



#10
Phenol
Concen: 54.311 ng
RT: 7.456 min Scan# 709
Delta R.T. 0.002 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

Tgt Ion: 94 Resp: 193291
Ion Ratio Lower Upper
94 100
65 30.5 11.0 51.0
66 36.5 17.4 57.4

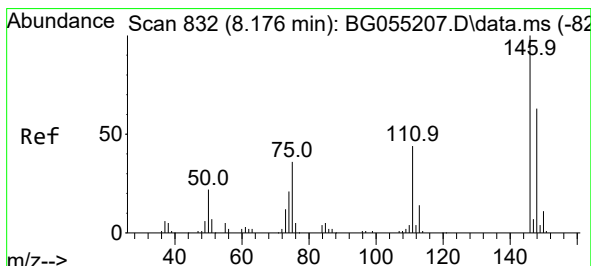
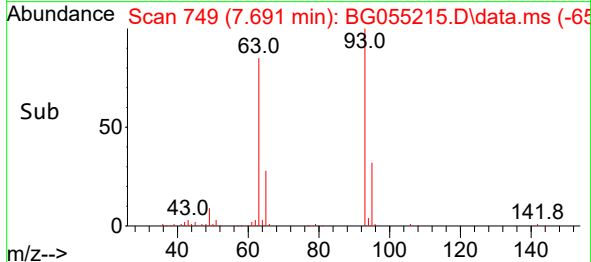
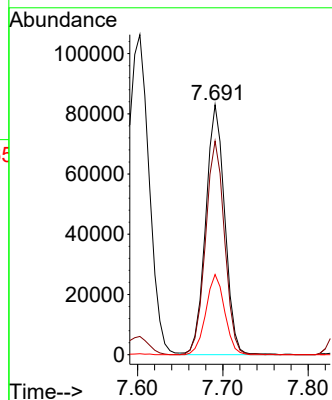
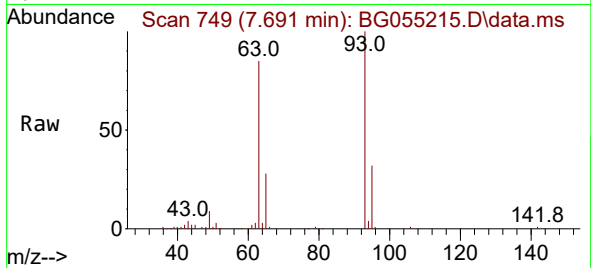




#11
bis(2-Chloroethyl)ether
Concen: 47.040 ng
RT: 7.691 min Scan# 749
Delta R.T. -0.004 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

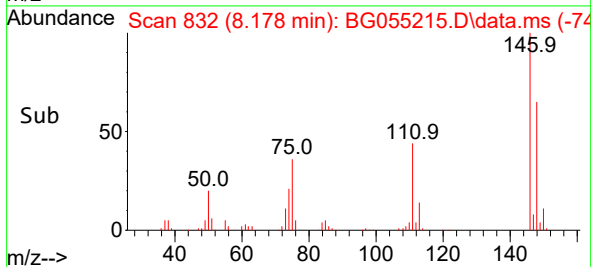
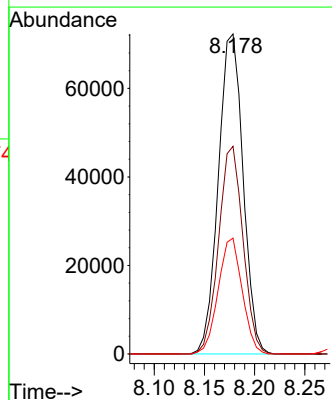
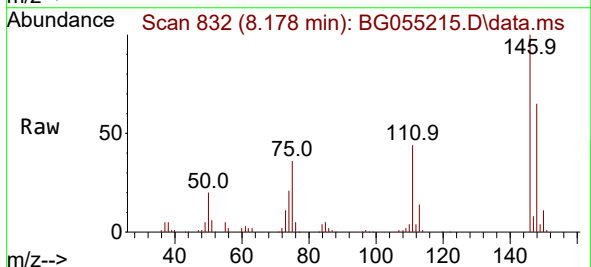
Instrument :
BNA_G
ClientSampleId :
PB148413BSD

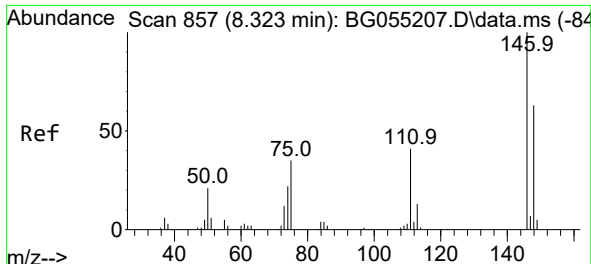
Tgt Ion: 93 Resp: 128899
Ion Ratio Lower Upper
93 100
63 85.5 67.0 107.0
95 32.1 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 45.728 ng
RT: 8.178 min Scan# 832
Delta R.T. 0.002 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

Tgt Ion: 146 Resp: 123987
Ion Ratio Lower Upper
146 100
148 64.9 50.4 75.6
75 36.2 28.4 42.6





#13

1,4-Dichlorobenzene

Concen: 45.083 ng

RT: 8.325 min Scan# 8

Delta R.T. 0.002 min

Lab File: BG055215.D

Acq: 19 Oct 2022 21:16

Instrument :

BNA_G

ClientSampleId :

PB148413BSD

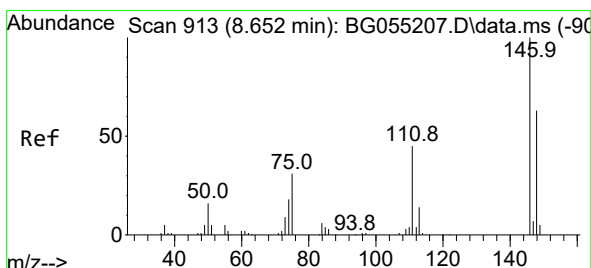
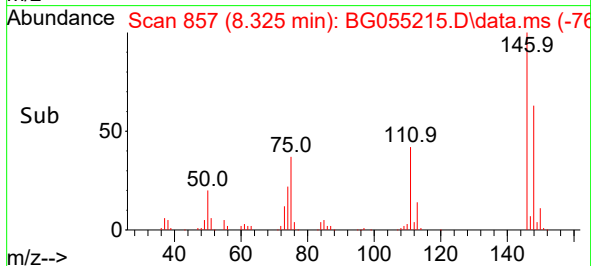
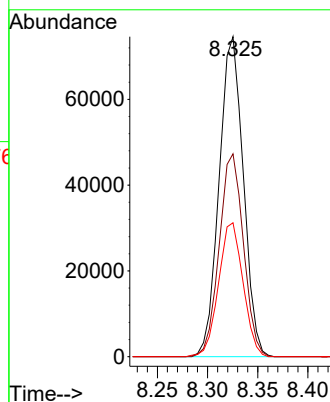
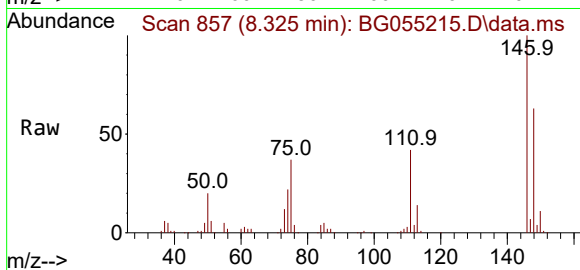
Tgt Ion:146 Resp: 124869

Ion Ratio Lower Upper

146 100

148 63.4 50.4 75.6

111 41.8 32.9 49.3



#14

1,2-Dichlorobenzene

Concen: 47.228 ng

RT: 8.648 min Scan# 912

Delta R.T. -0.004 min

Lab File: BG055215.D

Acq: 19 Oct 2022 21:16

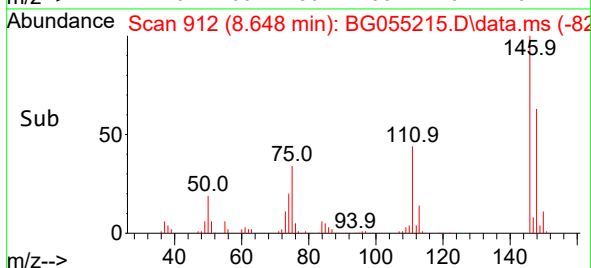
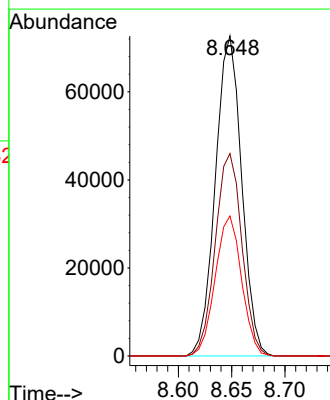
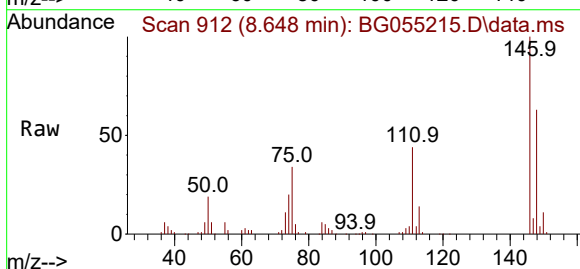
Tgt Ion:146 Resp: 124639

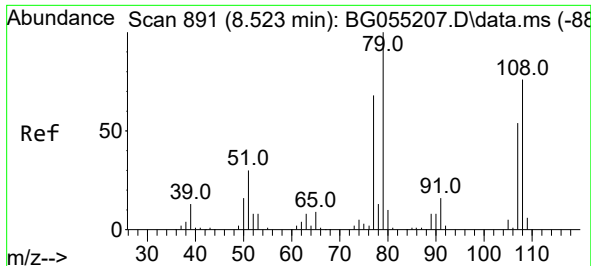
Ion Ratio Lower Upper

146 100

148 63.2 50.0 75.0

111 43.7 36.4 54.6

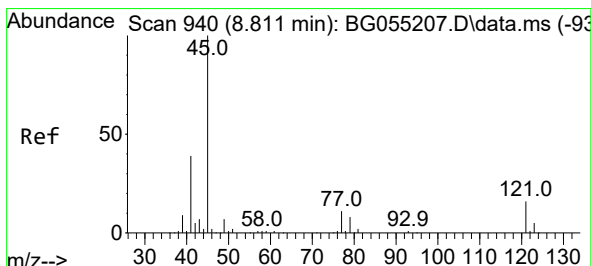
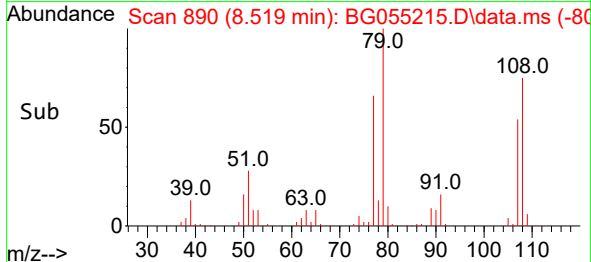
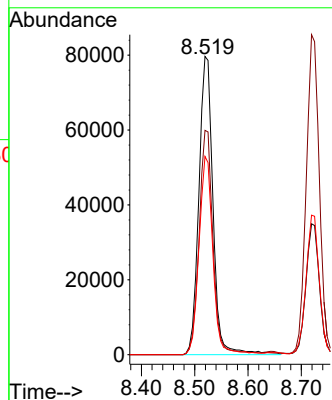
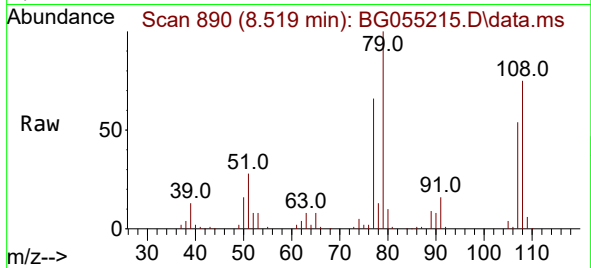




#15
Benzyl Alcohol
Concen: 54.274 ng
RT: 8.519 min Scan# 891
Delta R.T. -0.004 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

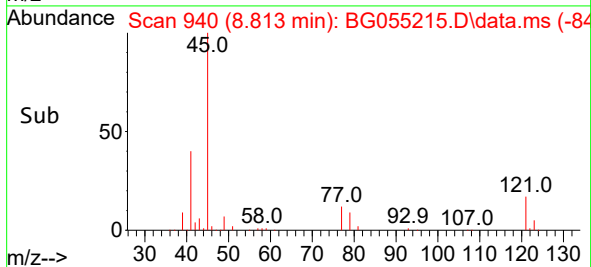
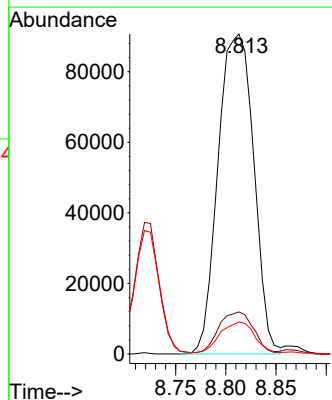
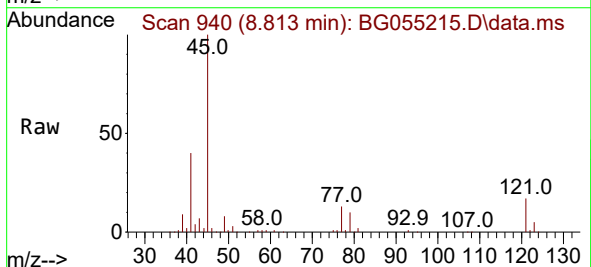
Instrument :
BNA_G
ClientSampleId :
PB148413BSD

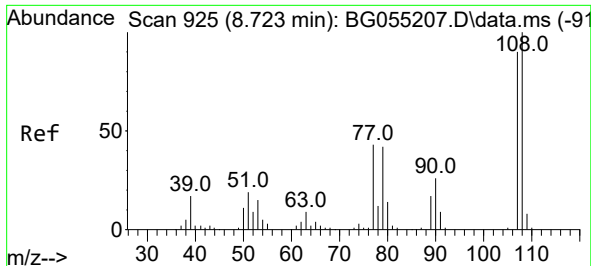
Tgt Ion: 79 Resp: 146838
Ion Ratio Lower Upper
79 100
108 75.3 61.0 91.6
77 66.5 54.7 82.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.377 ng
RT: 8.813 min Scan# 940
Delta R.T. 0.002 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

Tgt Ion: 45 Resp: 224097
Ion Ratio Lower Upper
45 100
77 13.2 0.0 31.9
79 10.0 0.0 28.8

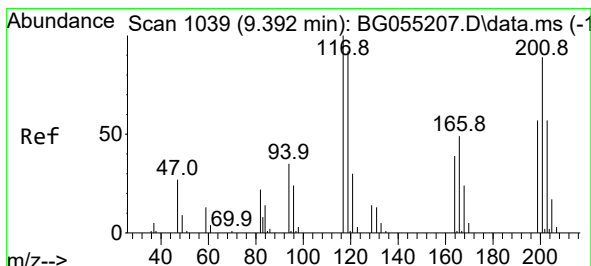
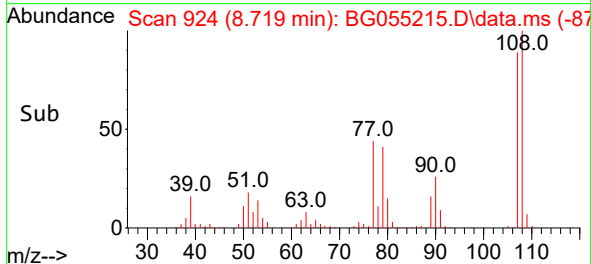
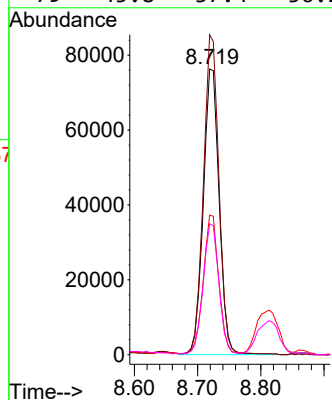
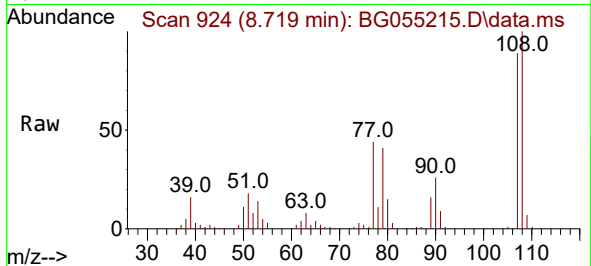




#17
2-Methylphenol
Concen: 54.227 ng
RT: 8.719 min Scan# 91
Delta R.T. -0.004 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

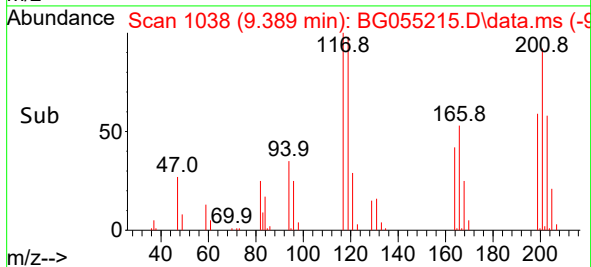
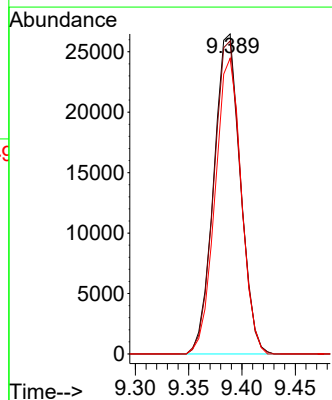
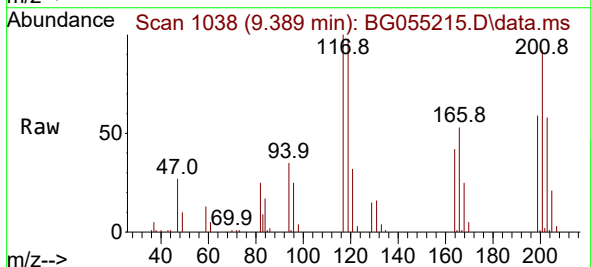
Instrument :
BNA_G
ClientSampleId :
PB148413BSD

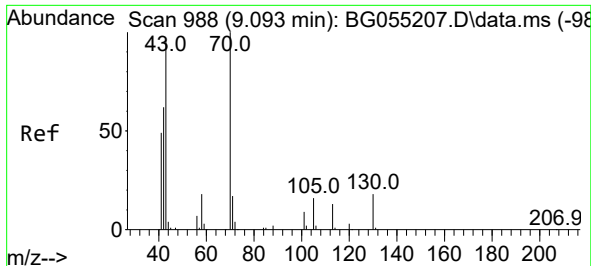
Tgt Ion:107 Resp: 133591
Ion Ratio Lower Upper
107 100
108 112.0 88.8 133.2
77 48.8 38.6 57.8
79 45.8 37.4 56.2



#18
Hexachloroethane
Concen: 45.936 ng
RT: 9.389 min Scan# 1038
Delta R.T. -0.004 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

Tgt Ion:117 Resp: 46052
Ion Ratio Lower Upper
117 100
119 97.8 74.0 111.0
201 92.4 71.3 106.9





#19

n-Nitroso-di-n-propylamine

Concen: 47.433 ng

RT: 9.095 min Scan# 988

Delta R.T. 0.002 min

Lab File: BG055215.D

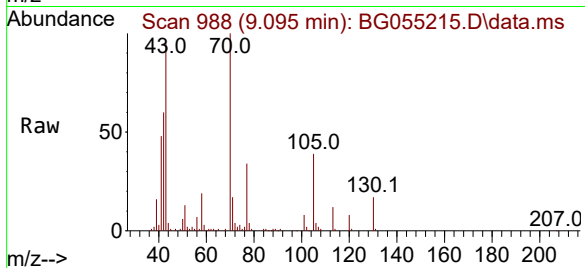
Acq: 19 Oct 2022 21:16

Instrument :

BNA_G

ClientSampleId :

PB148413BSD



Tgt Ion: 70 Resp: 128159

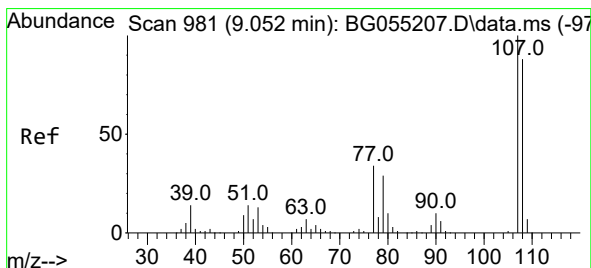
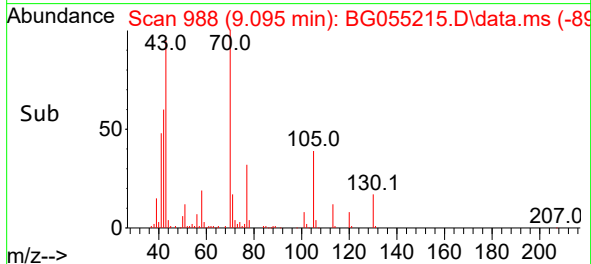
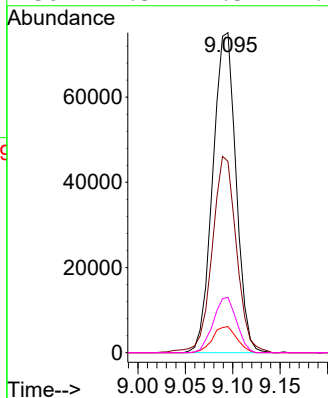
Ion Ratio Lower Upper

70 100

42 59.8 50.8 76.2

101 8.2 7.0 10.6

130 17.3 14.5 21.7



#20

3+4-Methylphenols

Concen: 54.558 ng

RT: 9.048 min Scan# 980

Delta R.T. -0.004 min

Lab File: BG055215.D

Acq: 19 Oct 2022 21:16

Tgt Ion: 107 Resp: 188914

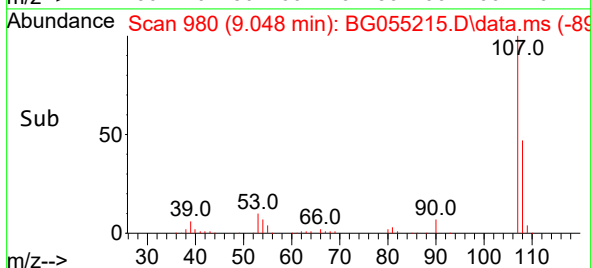
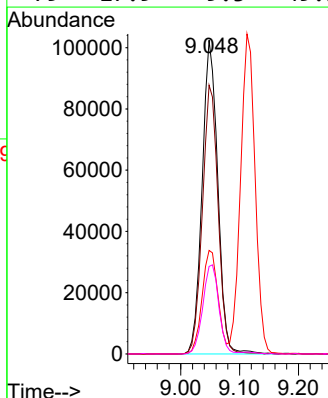
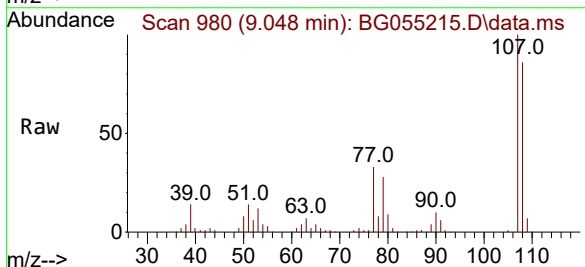
Ion Ratio Lower Upper

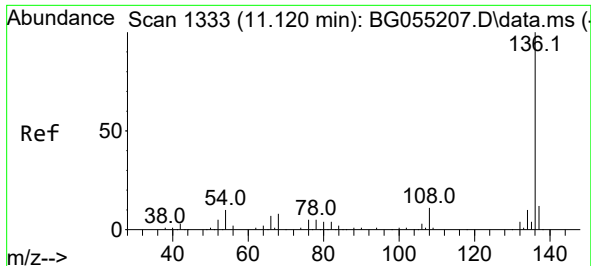
107 100

108 85.7 67.5 107.5

77 33.0 14.4 54.4

79 27.9 9.3 49.3

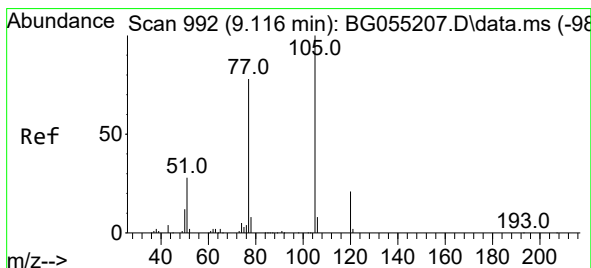
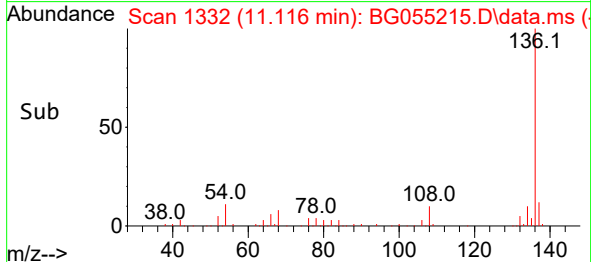
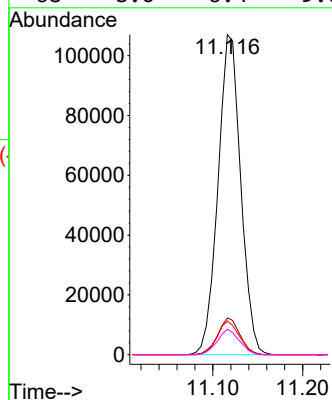
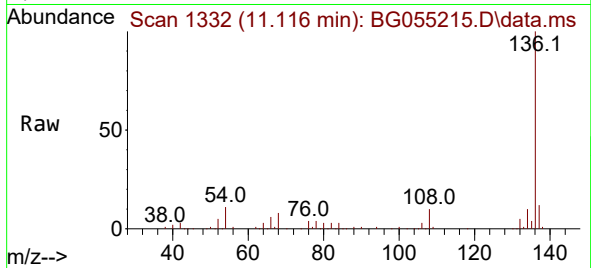




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.116 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

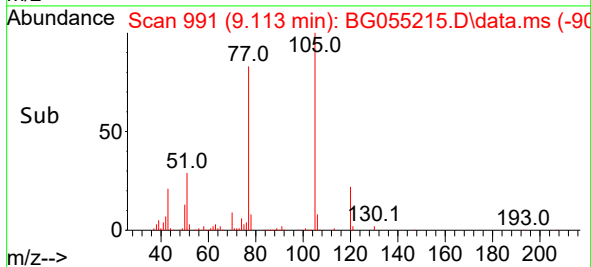
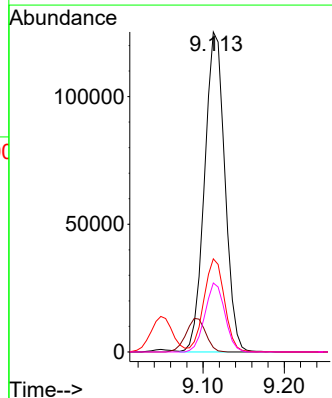
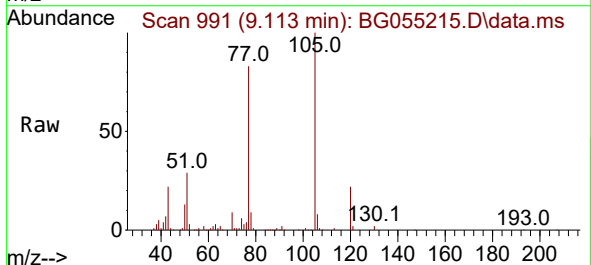
Instrument :
BNA_G
ClientSampleId :
PB148413BSD

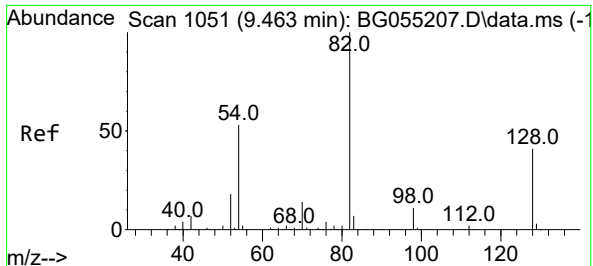
Tgt Ion:136 Resp: 187980
Ion Ratio Lower Upper
136 100
137 11.5 9.3 13.9
54 10.5 8.2 12.4
68 8.0 6.4 9.6



#22
Acetophenone
Concen: 42.749 ng
RT: 9.113 min Scan# 991
Delta R.T. -0.004 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

Tgt Ion:105 Resp: 217369
Ion Ratio Lower Upper
105 100
71 1.4 1.0 1.4
51 29.1 24.0 36.0
120 21.5 16.6 25.0





#23

Nitrobenzene-d5

Concen: 81.327 ng

RT: 9.459 min Scan# 1050

Delta R.T. -0.004 min

Lab File: BG055215.D

Acq: 19 Oct 2022 21:16

Instrument :

BNA_G

ClientSampleId :

PB148413BSD

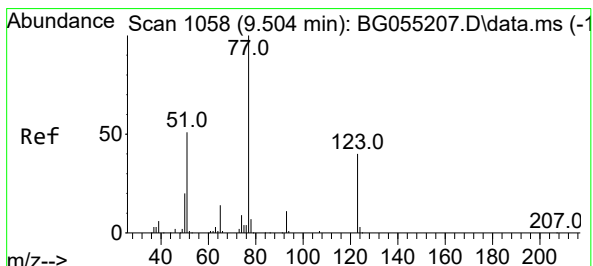
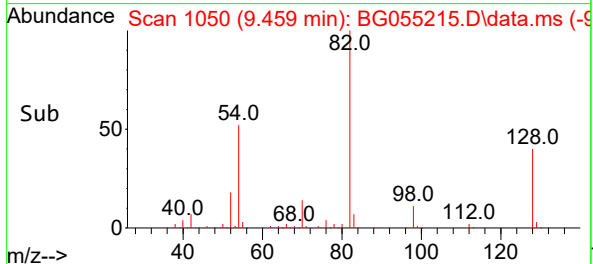
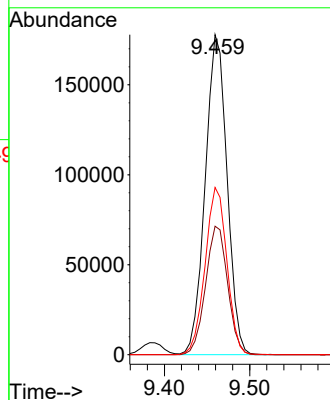
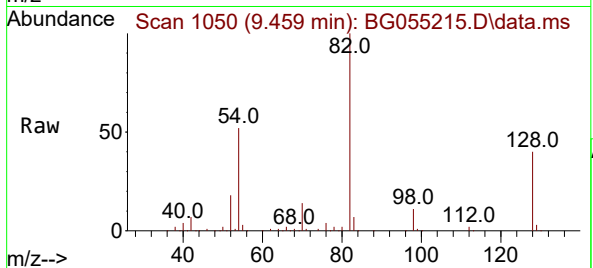
Tgt Ion: 82 Resp: 316663

Ion Ratio Lower Upper

82 100

128 40.1 32.3 48.5

54 52.2 42.6 63.8



#24

Nitrobenzene

Concen: 41.409 ng

RT: 9.506 min Scan# 1058

Delta R.T. 0.002 min

Lab File: BG055215.D

Acq: 19 Oct 2022 21:16

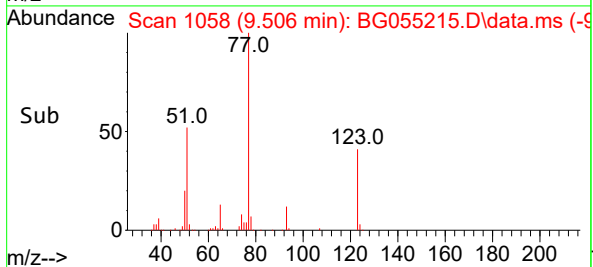
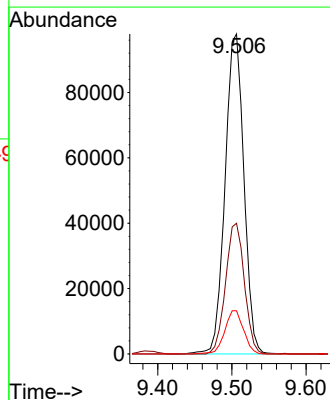
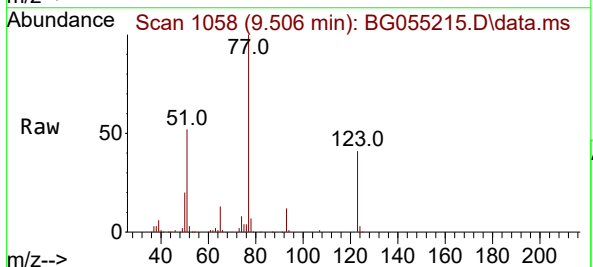
Tgt Ion: 77 Resp: 172407

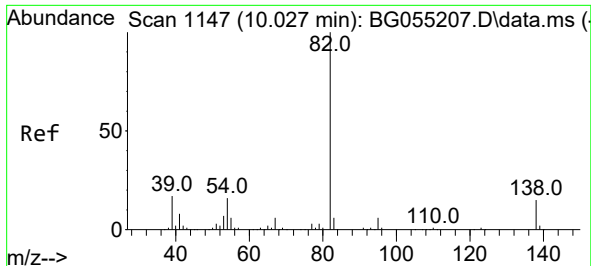
Ion Ratio Lower Upper

77 100

123 40.9 31.8 47.8

65 13.5 11.1 16.7

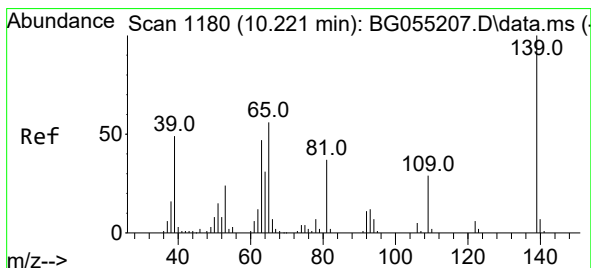
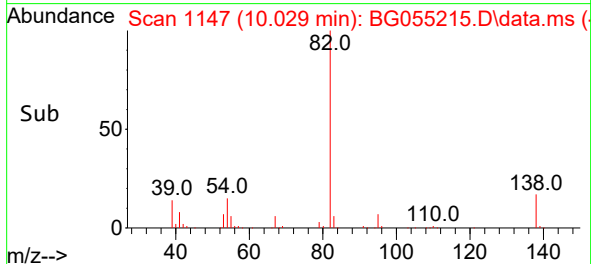
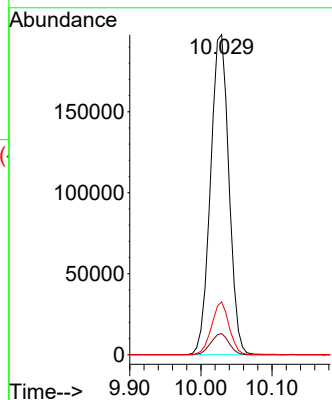
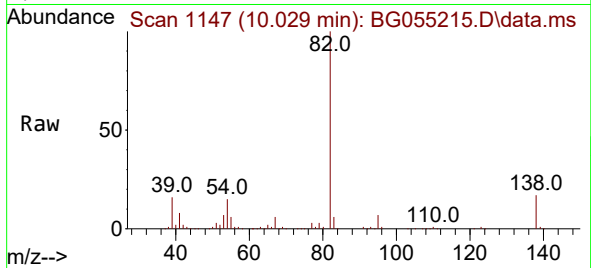




#25
Isophorone
Concen: 44.655 ng
RT: 10.029 min Scan# 1147
Delta R.T. 0.002 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

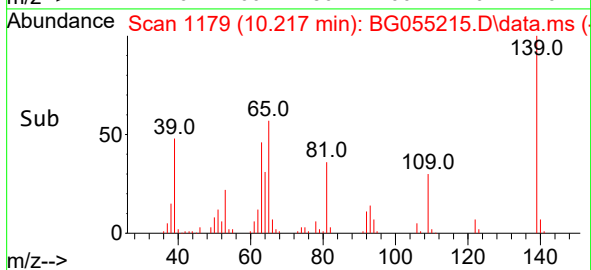
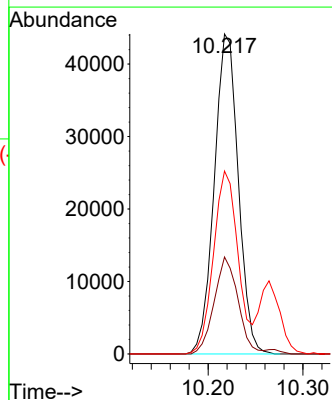
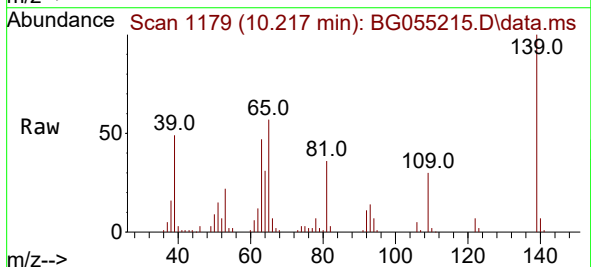
Instrument :
BNA_G
ClientSampleId :
PB148413BSD

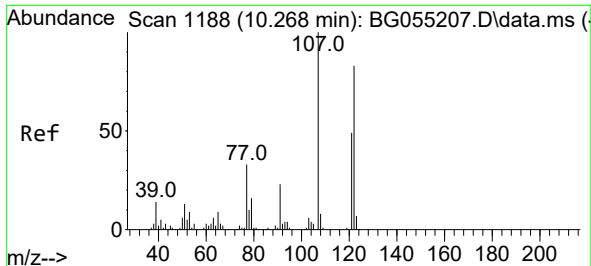
Tgt Ion: 82 Resp: 355734
Ion Ratio Lower Upper
82 100
95 6.6 5.0 7.6
138 16.5 12.2 18.4



#26
2-Nitrophenol
Concen: 47.456 ng
RT: 10.217 min Scan# 1179
Delta R.T. -0.004 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

Tgt Ion:139 Resp: 77725
Ion Ratio Lower Upper
139 100
109 30.3 23.1 34.7
65 57.2 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 54.864 ng

RT: 10.264 min Scan# 1187

Delta R.T. -0.004 min

Lab File: BG055215.D

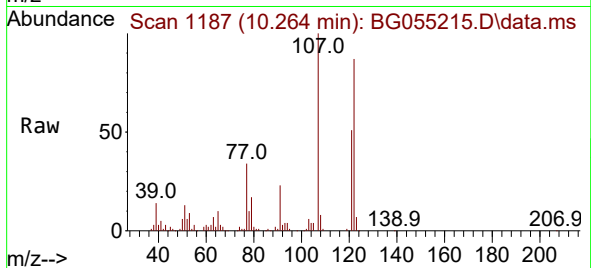
Acq: 19 Oct 2022 21:16

Instrument :

BNA_G

ClientSampleId :

PB148413BSD



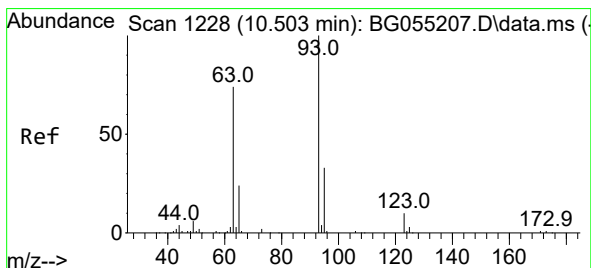
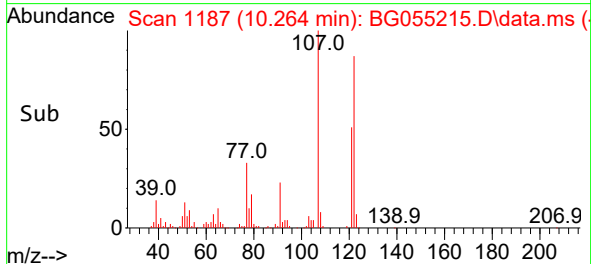
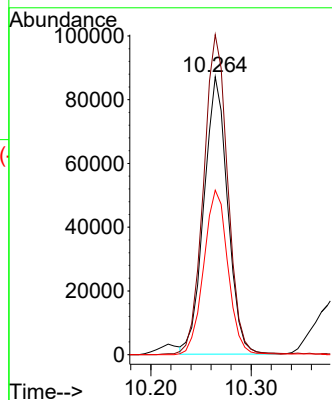
Tgt Ion:122 Resp: 143097

Ion Ratio Lower Upper

122 100

107 115.1 96.9 145.3

121 59.2 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 51.699 ng

RT: 10.499 min Scan# 1227

Delta R.T. -0.004 min

Lab File: BG055215.D

Acq: 19 Oct 2022 21:16

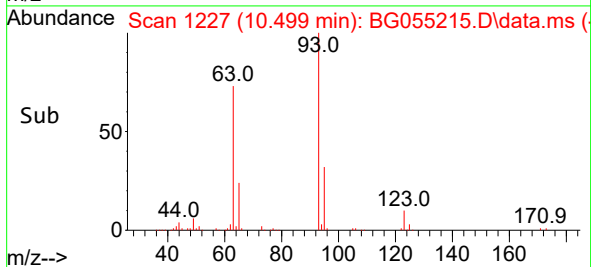
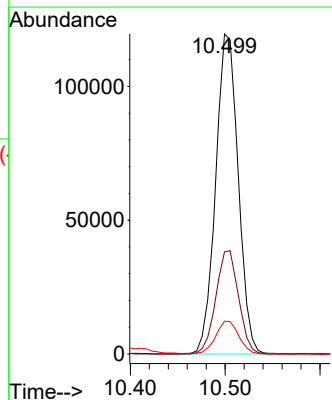
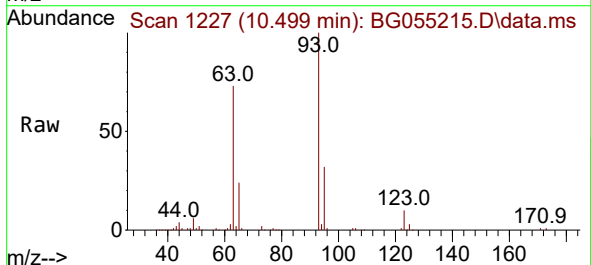
Tgt Ion: 93 Resp: 197907

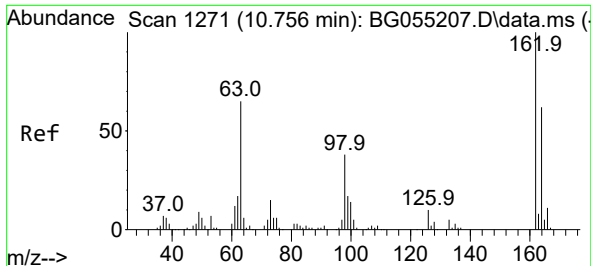
Ion Ratio Lower Upper

93 100

95 31.9 26.2 39.2

123 10.3 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 49.499 ng

RT: 10.758 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG055215.D

Acq: 19 Oct 2022 21:16

Instrument :

BNA_G

ClientSampleId :

PB148413BSD

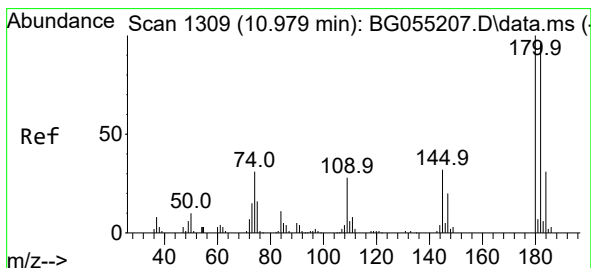
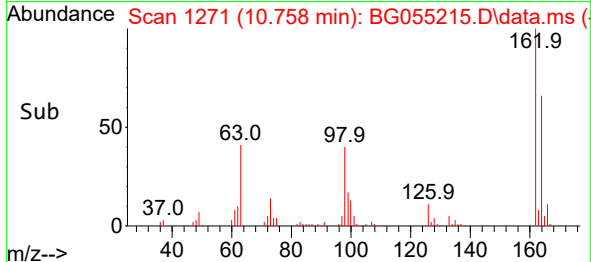
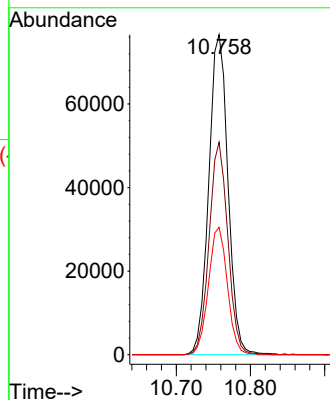
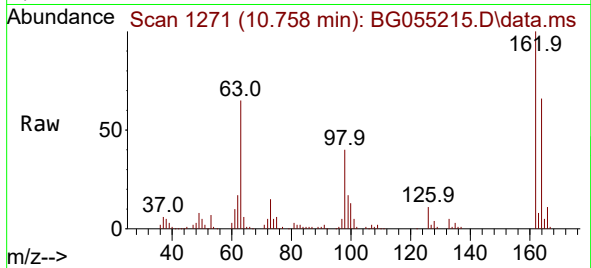
Tgt Ion:162 Resp: 137842

Ion Ratio Lower Upper

162 100

164 66.4 41.9 81.9

98 39.8 18.0 58.0



#30

1,2,4-Trichlorobenzene

Concen: 41.428 ng

RT: 10.975 min Scan# 1308

Delta R.T. -0.004 min

Lab File: BG055215.D

Acq: 19 Oct 2022 21:16

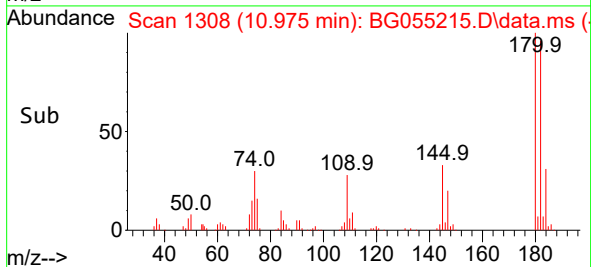
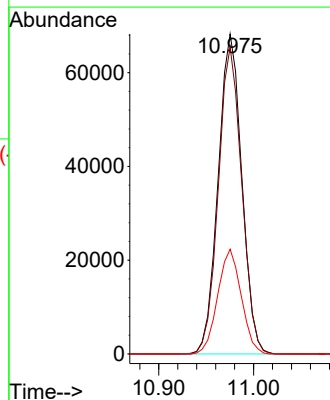
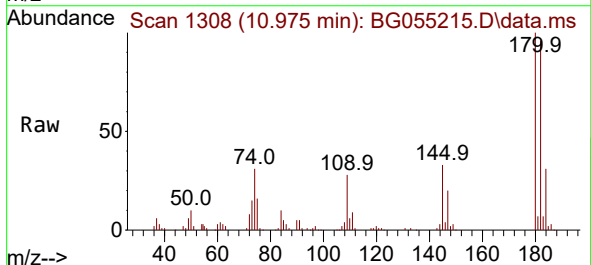
Tgt Ion:180 Resp: 118119

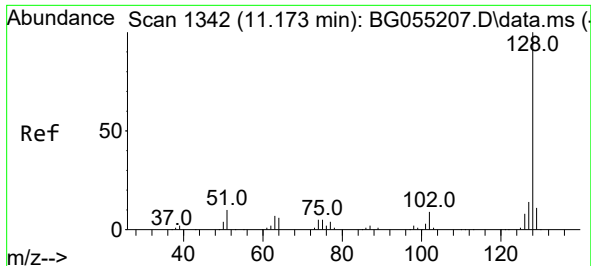
Ion Ratio Lower Upper

180 100

182 96.0 77.0 115.4

145 32.7 26.0 39.0

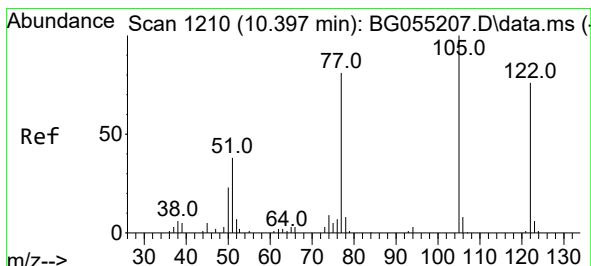
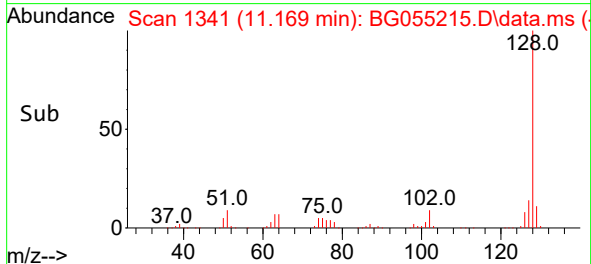
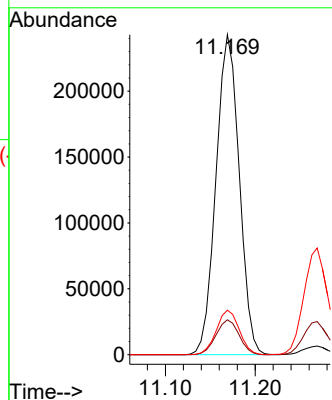
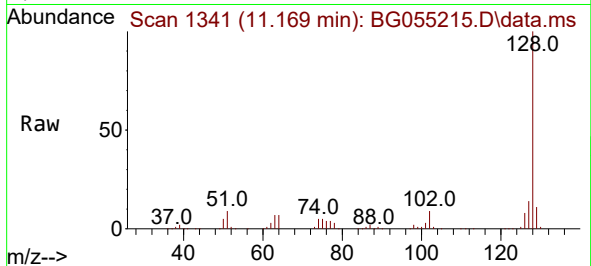




#31
Naphthalene
Concen: 44.019 ng
RT: 11.169 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

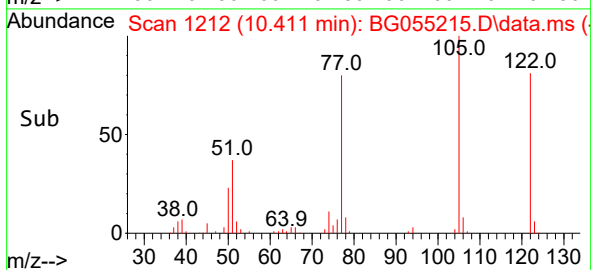
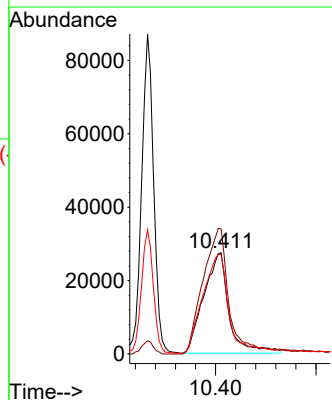
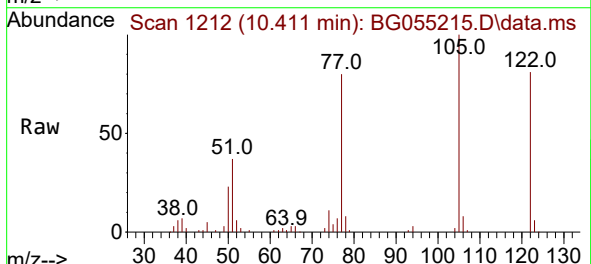
Instrument :
BNA_G
ClientSampleId :
PB148413BSD

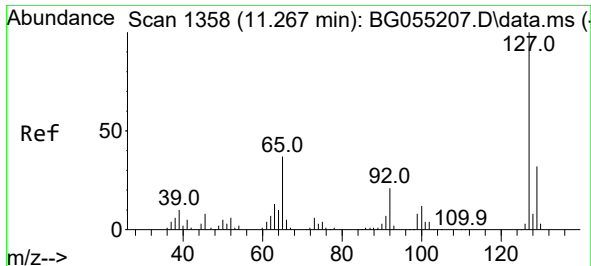
Tgt Ion:128 Resp: 436627
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.9 11.4 17.2



#32
Benzoic acid
Concen: 50.851 ng
RT: 10.411 min Scan# 1212
Delta R.T. 0.014 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

Tgt Ion:122 Resp: 94937
Ion Ratio Lower Upper
122 100
105 123.5 110.2 150.2
77 98.3 86.9 126.9

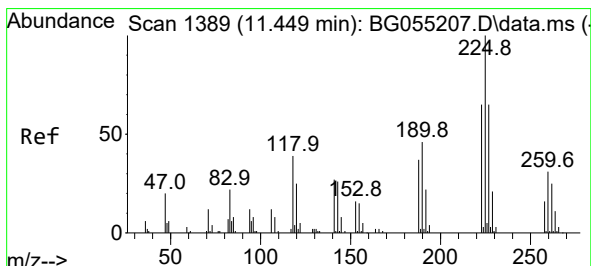
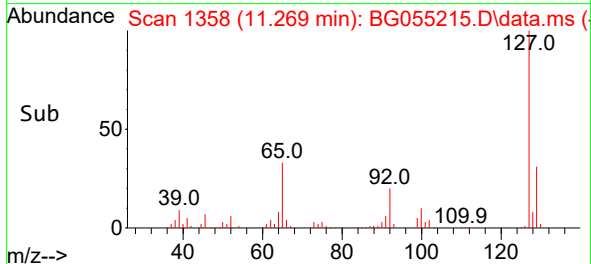
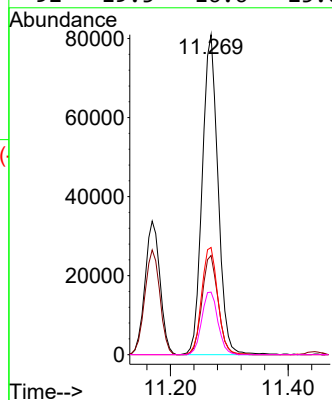
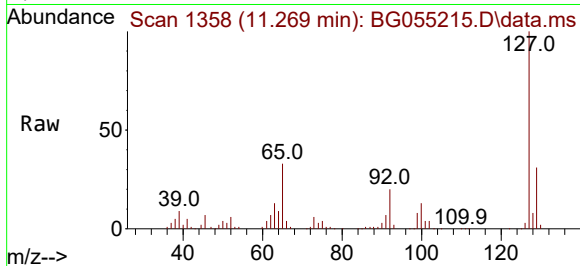




#33
4-Chloroaniline
Concen: 36.882 ng
RT: 11.269 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

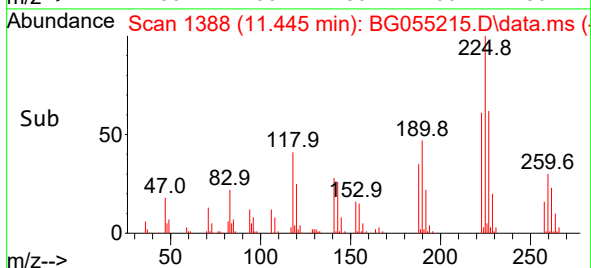
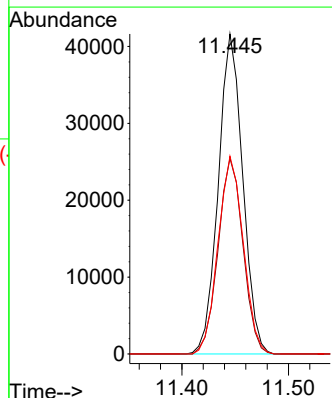
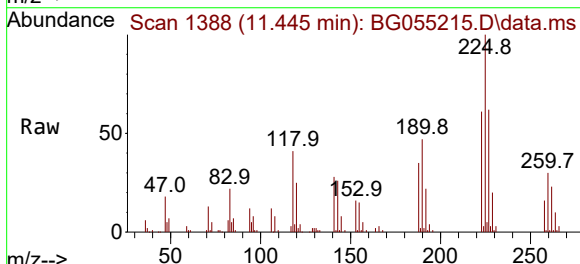
Instrument :
BNA_G
ClientSampleId :
PB148413BSD

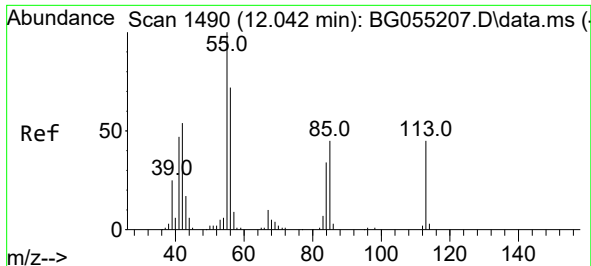
Tgt Ion:	127	Resp:	150645
Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.8	38.8
65	33.5	29.4	44.2
92	19.5	16.6	25.0



#34
Hexachlorobutadiene
Concen: 38.449 ng
RT: 11.445 min Scan# 1388
Delta R.T. -0.004 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

Tgt Ion:	225	Resp:	66196
Ion	Ratio	Lower	Upper
225	100		
223	61.1	51.7	77.5
227	61.8	52.2	78.2

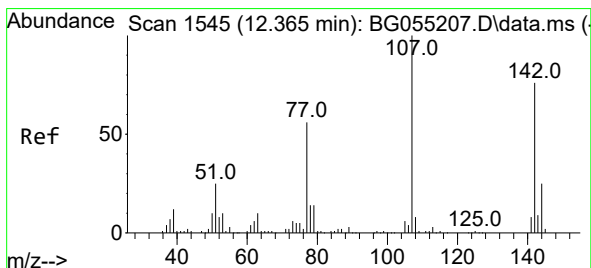
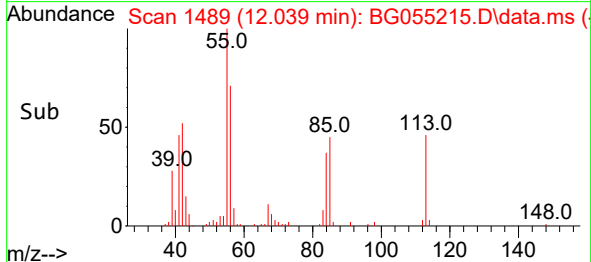
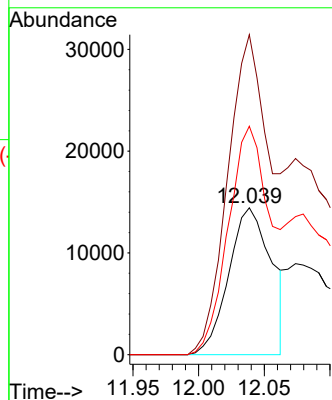
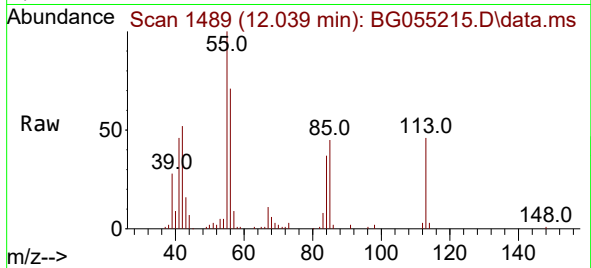




#35
 Caprolactam
 Concen: 26.712 ng
 RT: 12.039 min Scan# 1490
 Delta R.T. -0.004 min
 Lab File: BG055215.D
 Acq: 19 Oct 2022 21:16

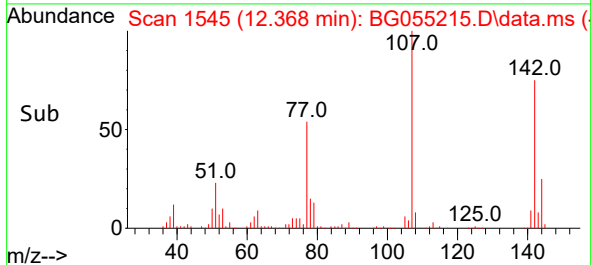
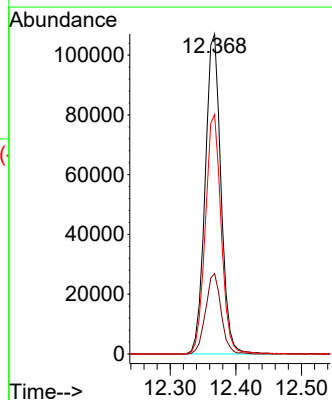
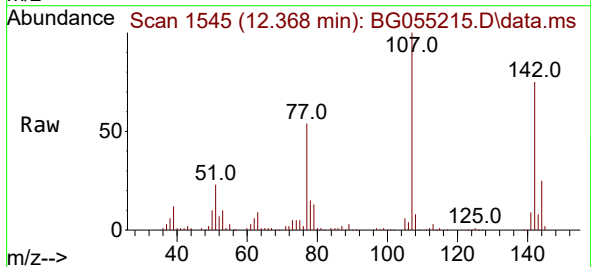
Instrument :
 BNA_G
 ClientSampleId :
 PB148413BSD

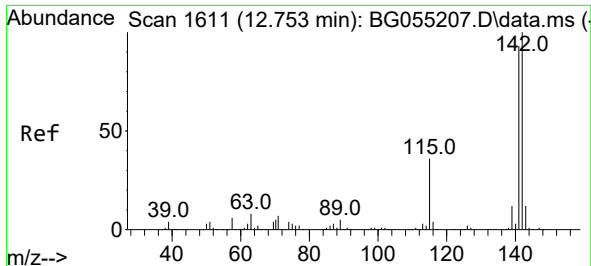
Tgt Ion:113 Resp: 32690
 Ion Ratio Lower Upper
 113 100
 55 217.9 200.5 240.5
 56 155.6 137.8 177.8



#36
 4-Chloro-3-methylphenol
 Concen: 49.498 ng
 RT: 12.368 min Scan# 1545
 Delta R.T. 0.002 min
 Lab File: BG055215.D
 Acq: 19 Oct 2022 21:16

Tgt Ion:107 Resp: 179230
 Ion Ratio Lower Upper
 107 100
 144 25.1 19.7 29.5
 142 74.8 60.7 91.1





#37

2-Methylnaphthalene

Concen: 42.283 ng

RT: 12.750 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG055215.D

Acq: 19 Oct 2022 21:16

Instrument :

BNA_G

ClientSampleId :

PB148413BSD

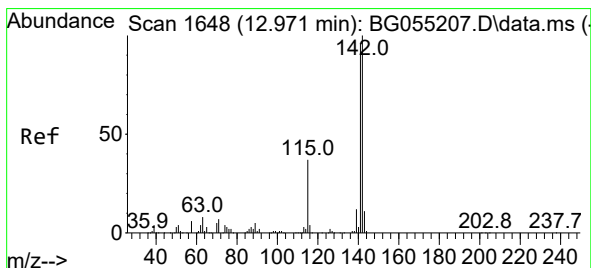
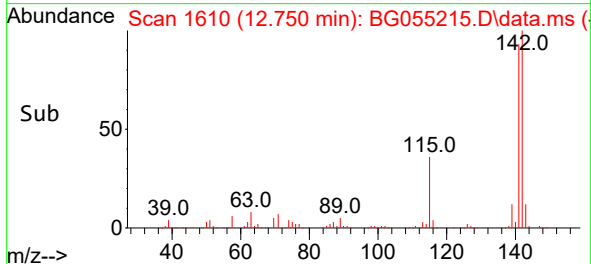
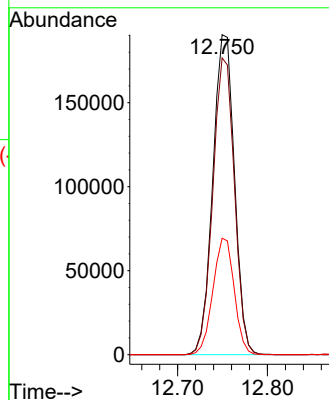
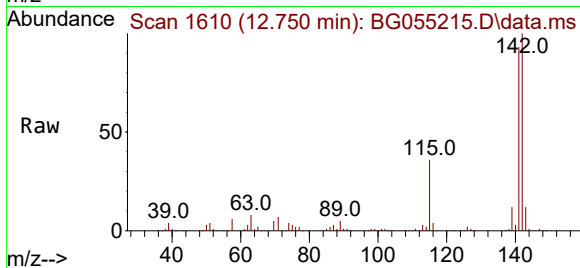
Tgt Ion:142 Resp: 319015

Ion Ratio Lower Upper

142 100

141 92.8 74.8 112.2

115 36.4 28.6 43.0



#38

1-Methylnaphthalene

Concen: 41.230 ng

RT: 12.967 min Scan# 1647

Delta R.T. -0.004 min

Lab File: BG055215.D

Acq: 19 Oct 2022 21:16

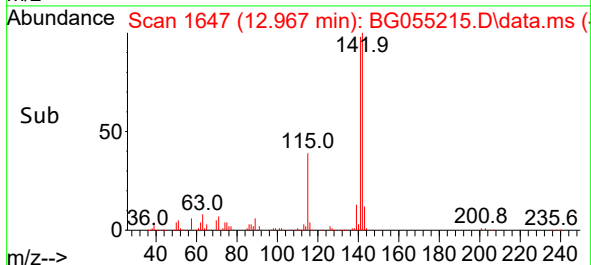
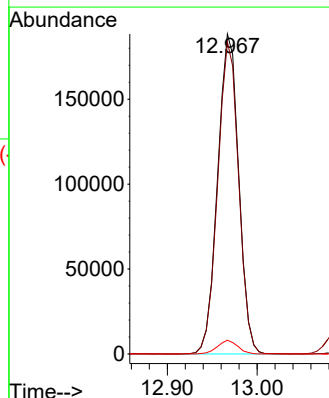
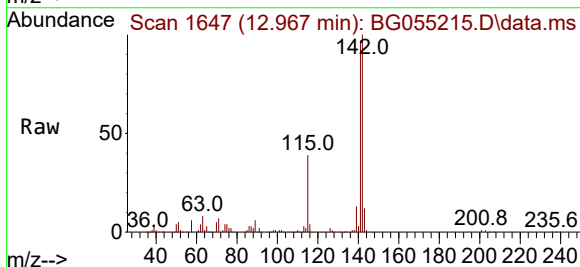
Tgt Ion:142 Resp: 307094

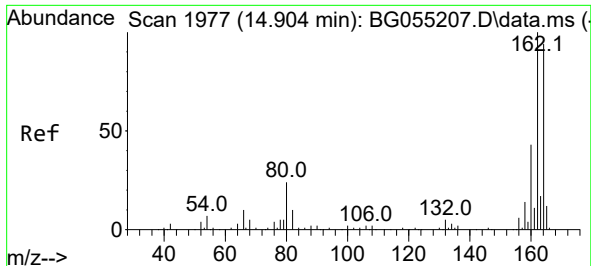
Ion Ratio Lower Upper

142 100

141 97.5 77.0 115.4

116 4.3 3.0 4.4

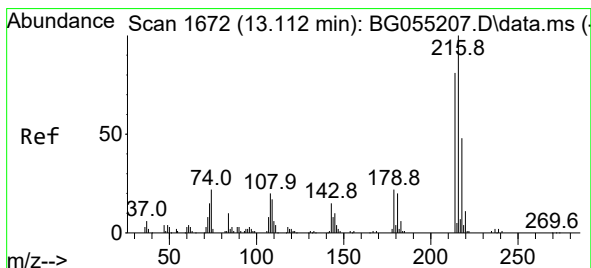
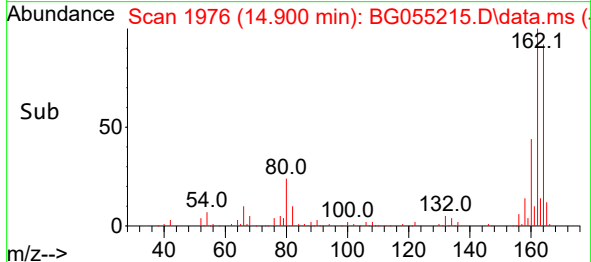
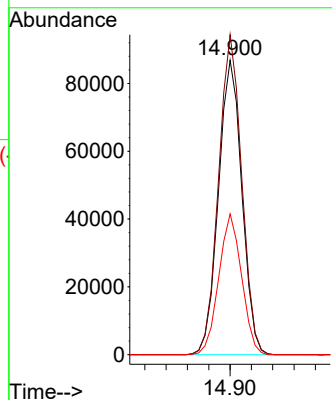
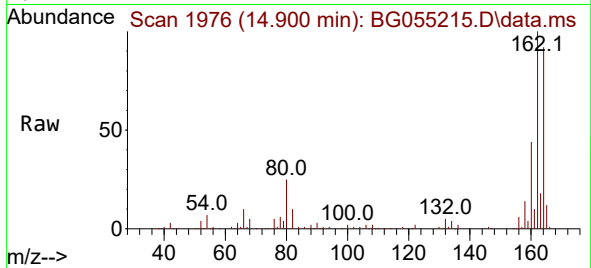




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.900 min Scan# 1977
Delta R.T. -0.004 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

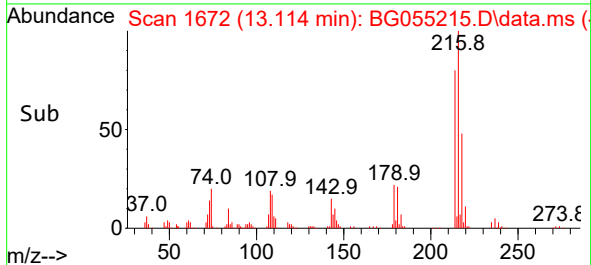
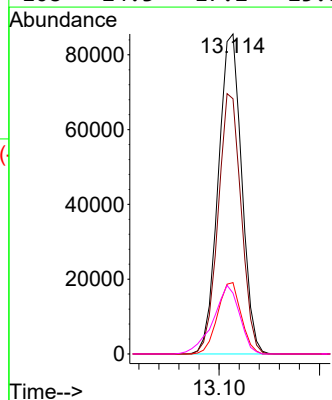
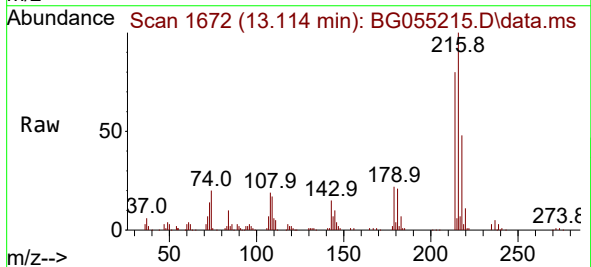
Instrument :
BNA_G
ClientSampleId :
PB148413BSD

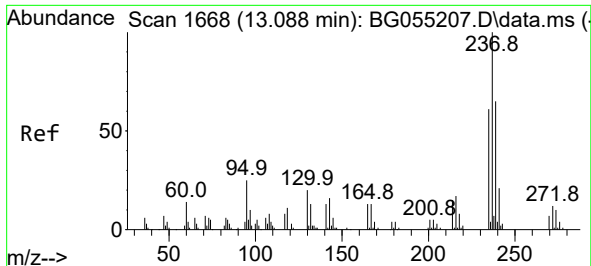
Tgt Ion:164 Resp: 132316
Ion Ratio Lower Upper
164 100
162 108.7 85.2 127.8
160 47.8 36.4 54.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.505 ng
RT: 13.114 min Scan# 1672
Delta R.T. 0.002 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

Tgt Ion:216 Resp: 138415
Ion Ratio Lower Upper
216 100
214 79.9 64.2 96.2
179 22.4 17.4 26.0
108 24.3 17.2 25.8

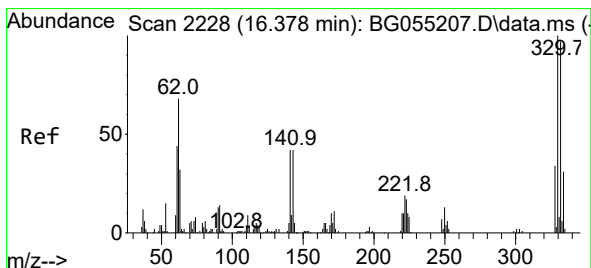
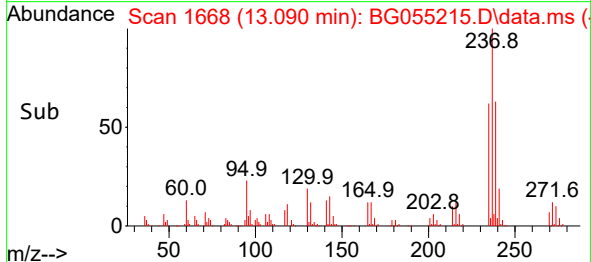
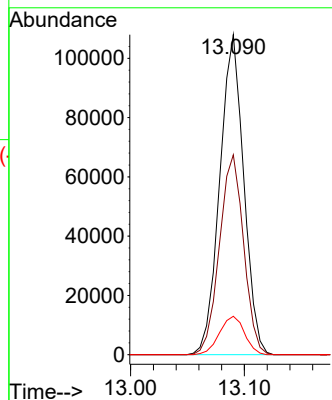
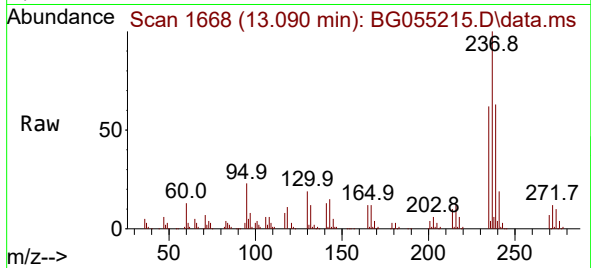




#41
Hexachlorocyclopentadiene
Concen: 111.720 ng
RT: 13.090 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

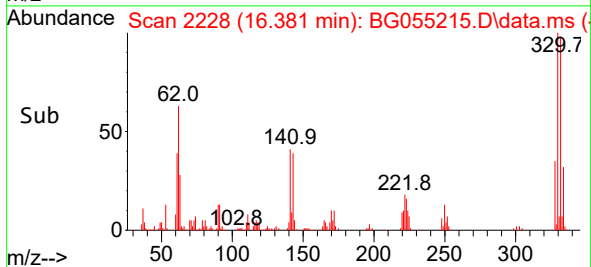
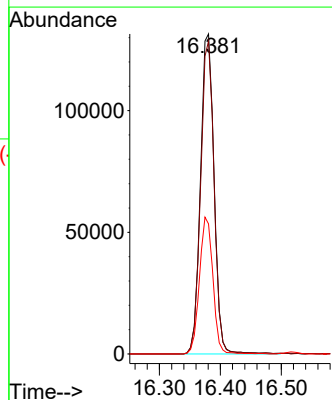
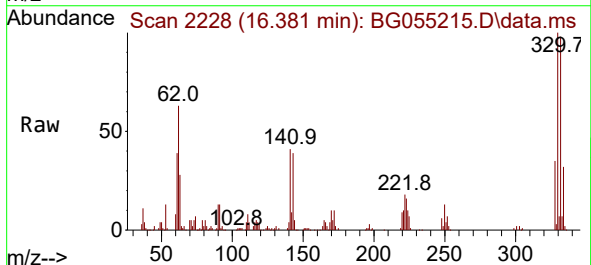
Instrument :
BNA_G
ClientSampleId :
PB148413BSD

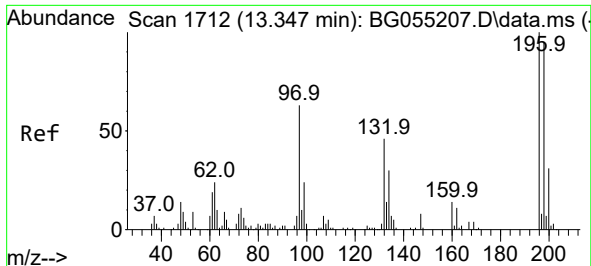
Tgt Ion:237 Resp: 158237
Ion Ratio Lower Upper
237 100
235 62.4 41.1 81.1
272 12.0 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 148.984 ng
RT: 16.381 min Scan# 2228
Delta R.T. 0.003 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

Tgt Ion:330 Resp: 204266
Ion Ratio Lower Upper
330 100
332 96.4 77.5 116.3
141 42.3 33.5 50.3

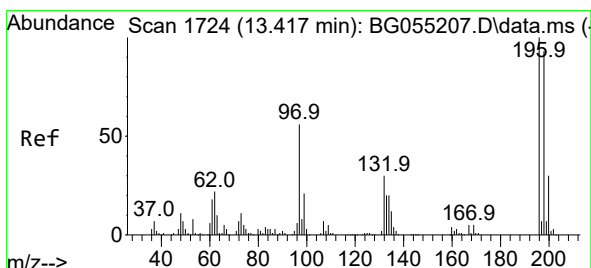
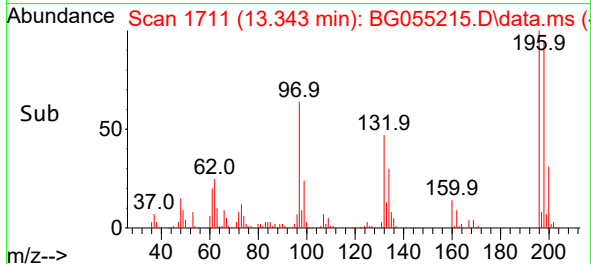
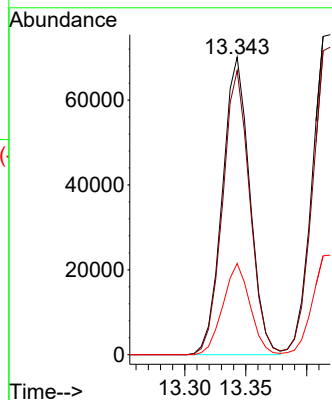
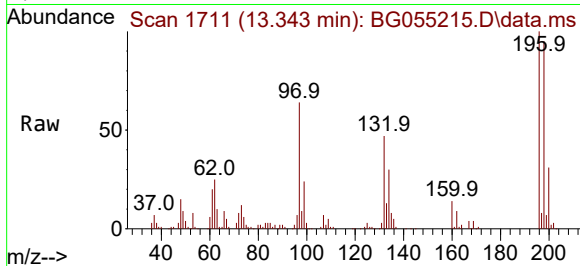




#43
2,4,6-Trichlorophenol
Concen: 46.384 ng
RT: 13.343 min Scan# 1711
Delta R.T. -0.004 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

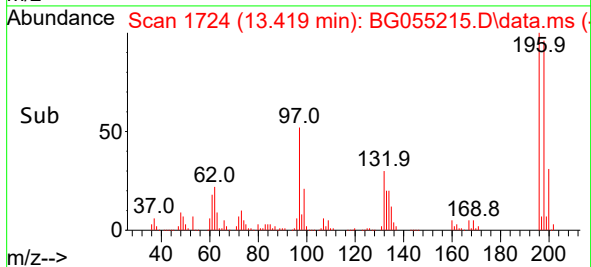
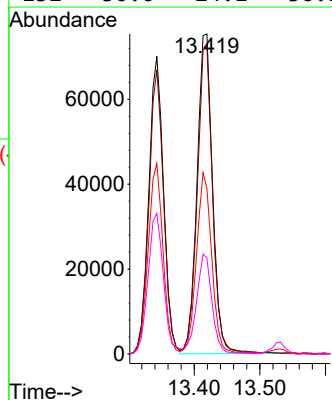
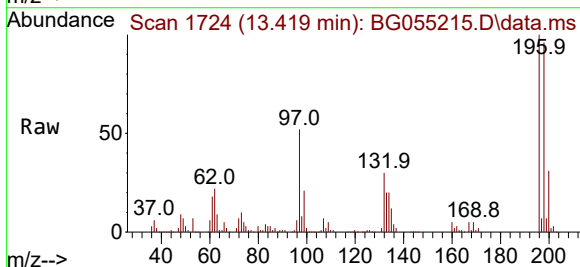
Instrument :
BNA_G
ClientSampleId :
PB148413BSD

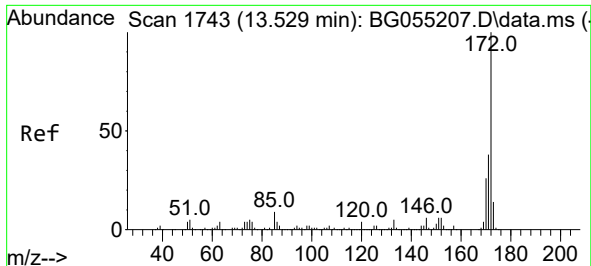
Tgt Ion:196 Resp: 109797
Ion Ratio Lower Upper
196 100
198 95.5 76.1 114.1
200 30.6 24.8 37.2



#44
2,4,5-Trichlorophenol
Concen: 48.020 ng
RT: 13.419 min Scan# 1724
Delta R.T. 0.002 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

Tgt Ion:196 Resp: 124705
Ion Ratio Lower Upper
196 100
198 96.1 74.5 111.7
97 51.7 44.6 66.8
132 30.0 24.1 36.1

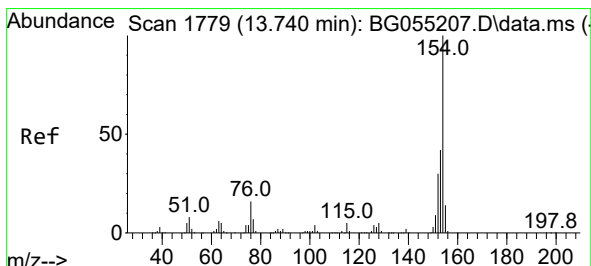
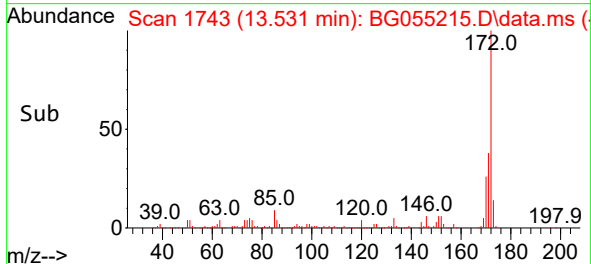
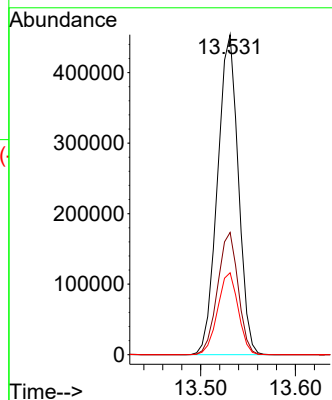
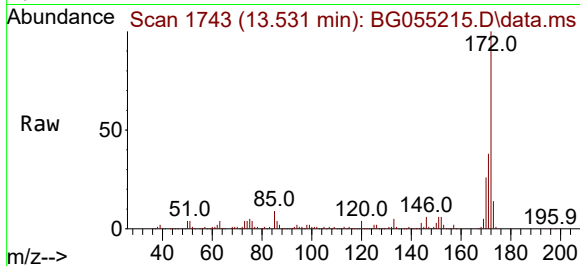




#45
2-Fluorobiphenyl
Concen: 83.477 ng
RT: 13.531 min Scan# 1743
Delta R.T. 0.002 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

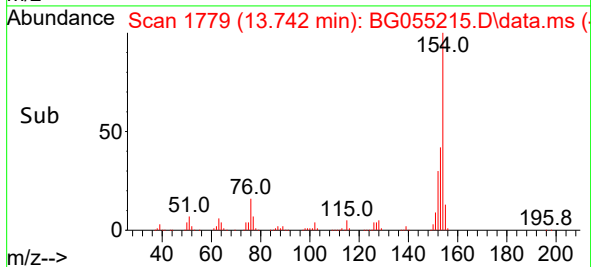
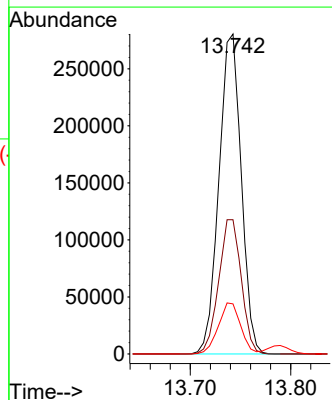
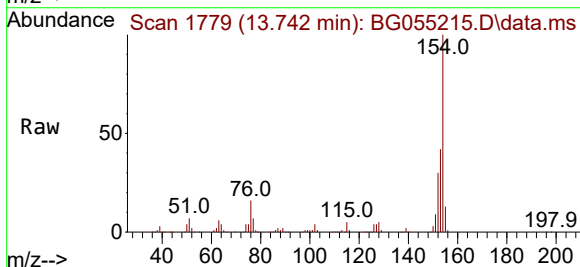
Instrument :
BNA_G
ClientSampleId :
PB148413BSD

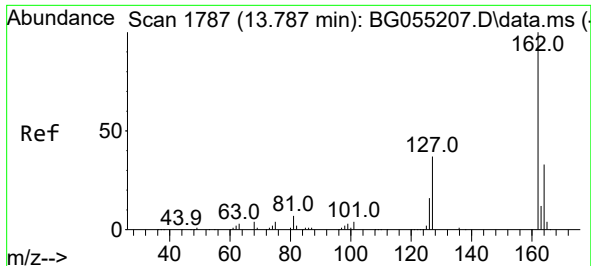
Tgt Ion:172 Resp: 691497
Ion Ratio Lower Upper
172 100
171 38.2 30.3 45.5
170 25.6 20.6 30.8



#46
1,1'-Biphenyl
Concen: 46.100 ng
RT: 13.742 min Scan# 1779
Delta R.T. 0.002 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

Tgt Ion:154 Resp: 431919
Ion Ratio Lower Upper
154 100
153 42.0 22.1 62.1
76 15.6 0.0 35.8

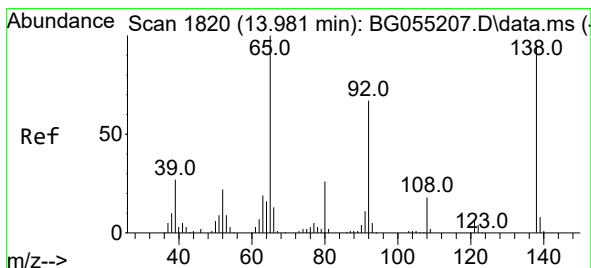
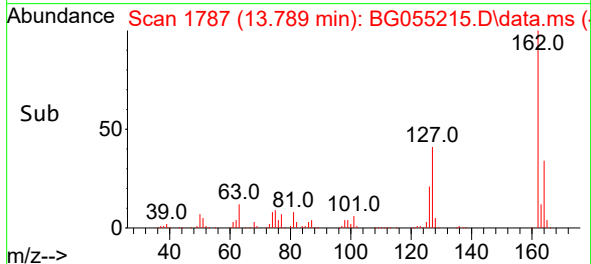
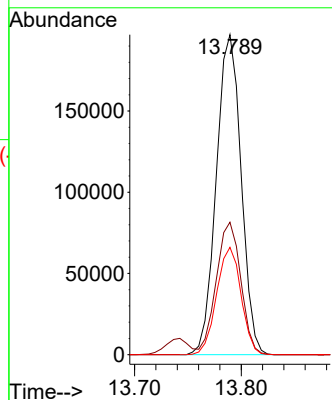
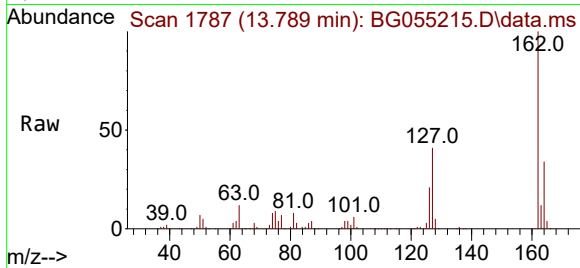




#47
2-Chloronaphthalene
Concen: 44.105 ng
RT: 13.789 min Scan# 1787
Delta R.T. 0.002 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

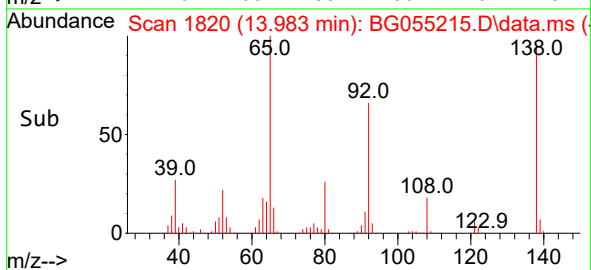
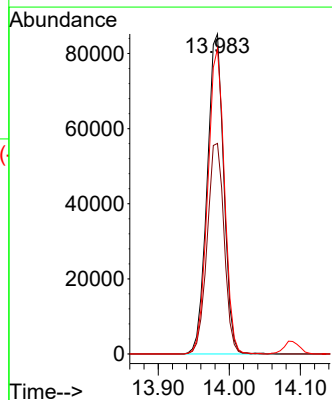
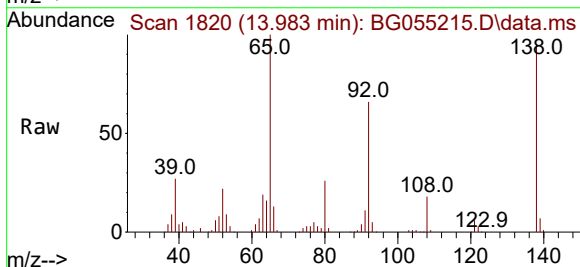
Instrument :
BNA_G
ClientSampleId :
PB148413BSD

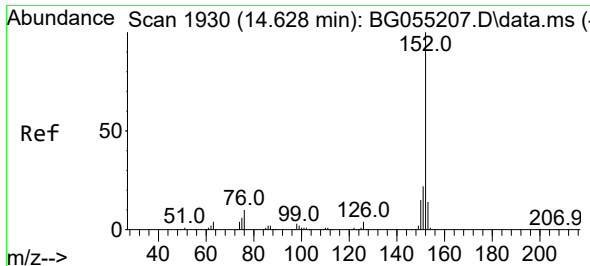
Tgt Ion:162 Resp: 318134
Ion Ratio Lower Upper
162 100
127 41.4 33.5 50.3
164 33.5 26.4 39.6



#48
2-Nitroaniline
Concen: 47.463 ng
RT: 13.983 min Scan# 1820
Delta R.T. 0.002 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

Tgt Ion: 65 Resp: 138934
Ion Ratio Lower Upper
65 100
92 65.8 53.8 80.8
138 95.5 76.0 114.0

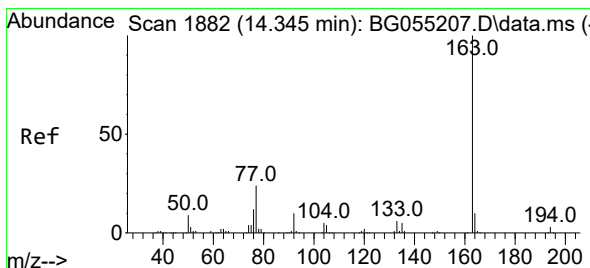
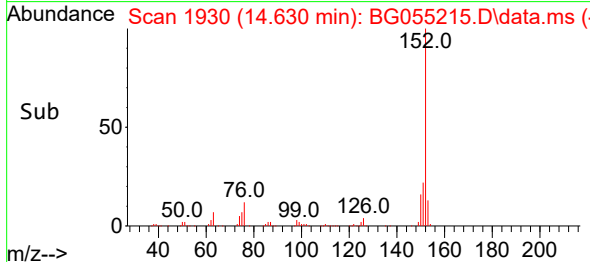
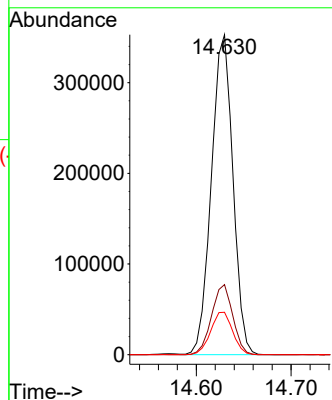
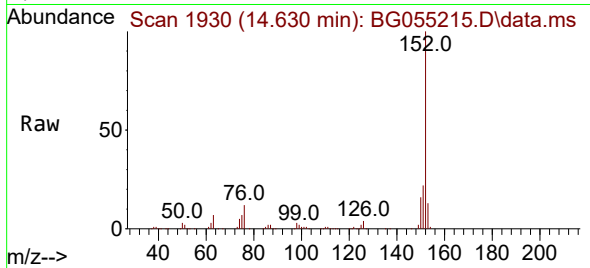




#49
Acenaphthylene
Concen: 45.110 ng
RT: 14.630 min Scan# 1930
Delta R.T. 0.002 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

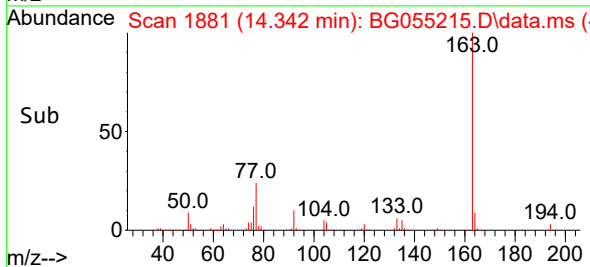
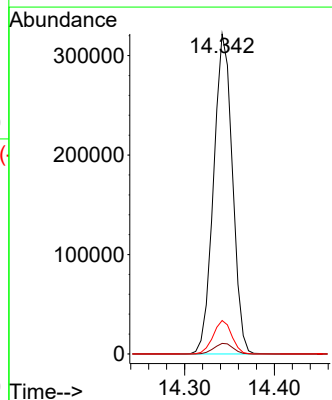
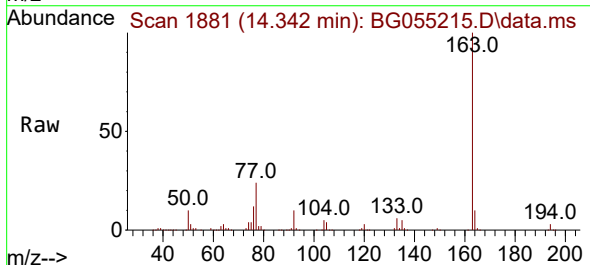
Instrument :
BNA_G
ClientSampleId :
PB148413BSD

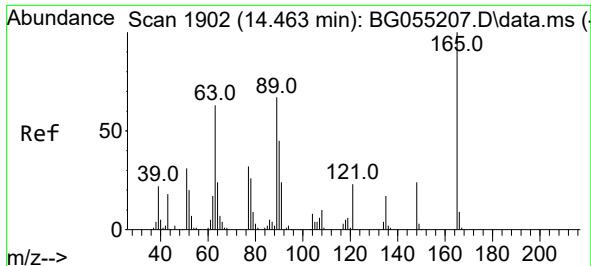
Tgt Ion:152 Resp: 556643
Ion Ratio Lower Upper
152 100
151 21.9 17.3 25.9
153 13.2 11.0 16.6



#50
Dimethylphthalate
Concen: 45.059 ng
RT: 14.342 min Scan# 1881
Delta R.T. -0.004 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

Tgt Ion:163 Resp: 468962
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.4 8.3 12.5

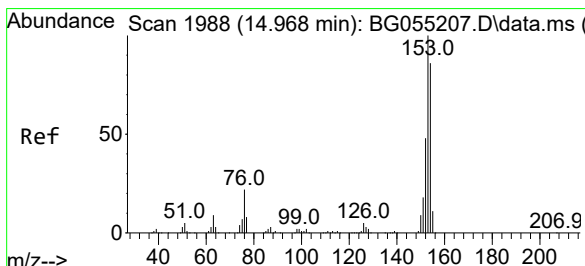
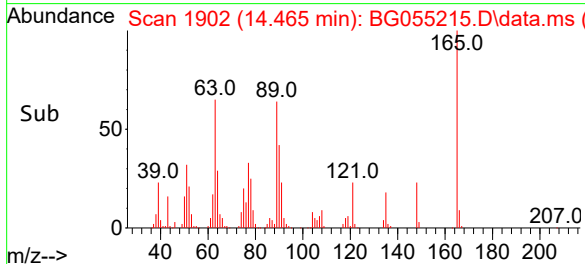
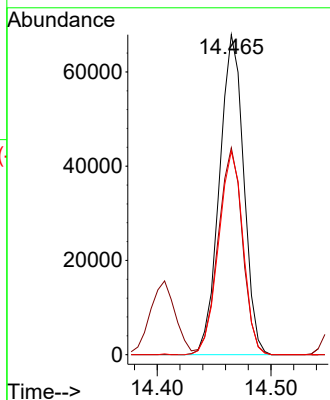
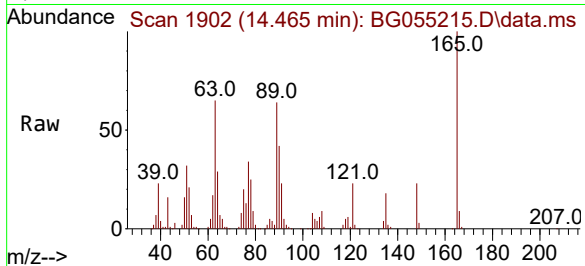




#51
2,6-Dinitrotoluene
Concen: 48.173 ng
RT: 14.465 min Scan# 1902
Delta R.T. 0.002 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

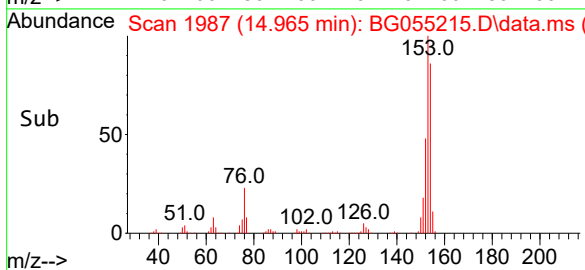
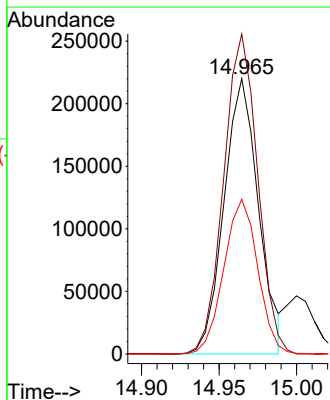
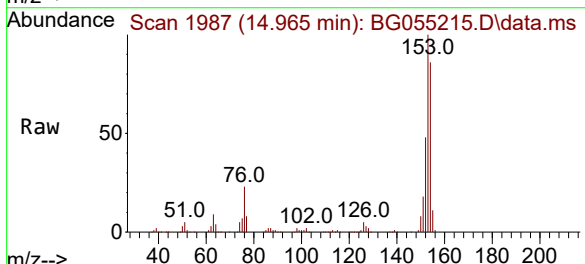
Instrument :
BNA_G
ClientSampleId :
PB148413BSD

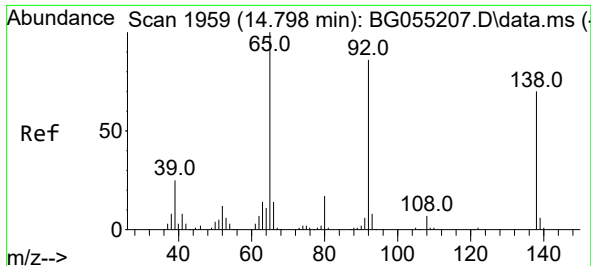
Tgt Ion:165 Resp: 100602
Ion Ratio Lower Upper
165 100
63 64.6 56.1 84.1
89 63.6 53.4 80.0



#52
Acenaphthene
Concen: 43.229 ng
RT: 14.965 min Scan# 1987
Delta R.T. -0.004 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

Tgt Ion:154 Resp: 339628
Ion Ratio Lower Upper
154 100
153 116.2 93.3 139.9
152 56.1 45.1 67.7

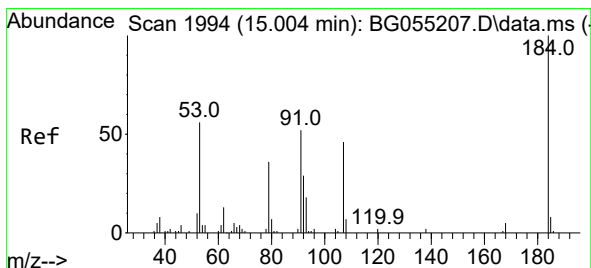
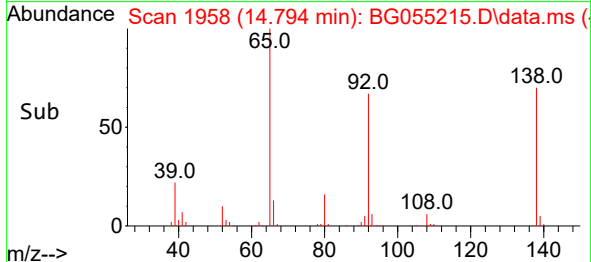
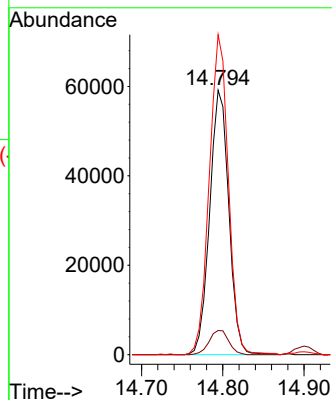
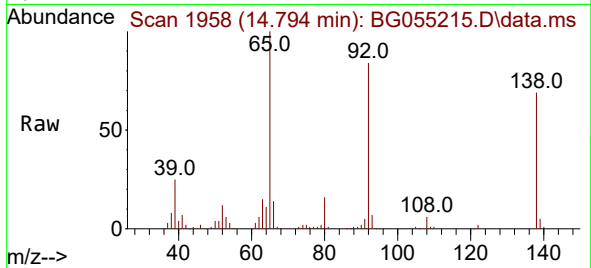




#53
3-Nitroaniline
Concen: 37.167 ng
RT: 14.794 min Scan# 1958
Delta R.T. -0.004 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

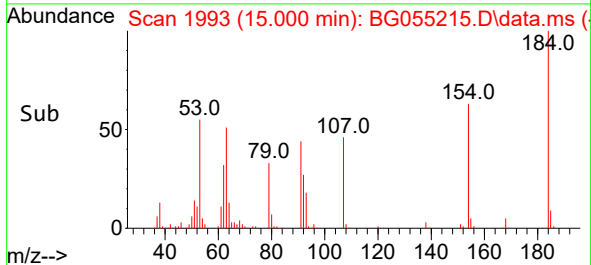
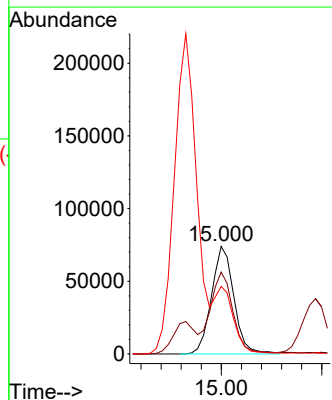
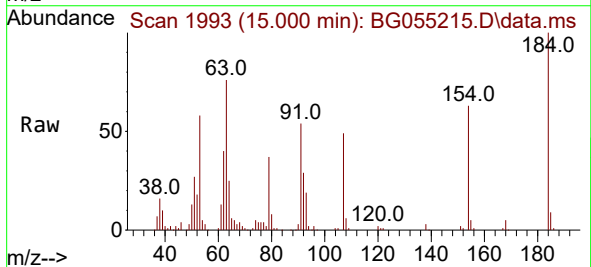
Instrument :
BNA_G
ClientSampleId :
PB148413BSD

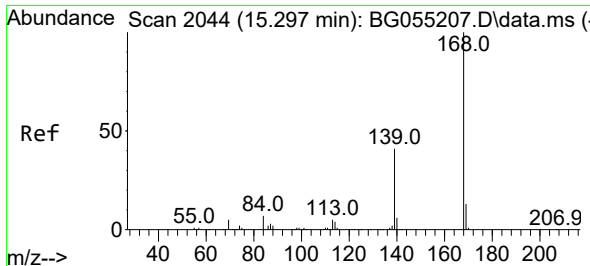
Tgt Ion:138 Resp: 96683
Ion Ratio Lower Upper
138 100
108 9.2 7.5 11.3
92 121.0 98.0 147.0



#54
2,4-Dinitrophenol
Concen: 108.975 ng
RT: 15.000 min Scan# 1993
Delta R.T. -0.004 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

Tgt Ion:184 Resp: 114729
Ion Ratio Lower Upper
184 100
63 76.1 61.2 91.8
154 62.8 50.4 75.6

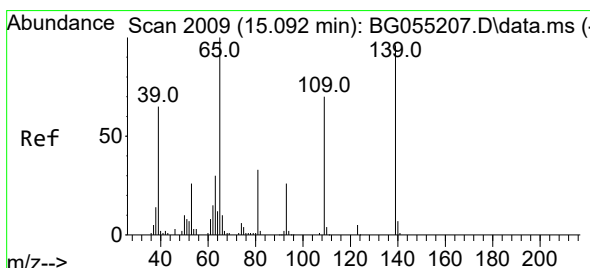
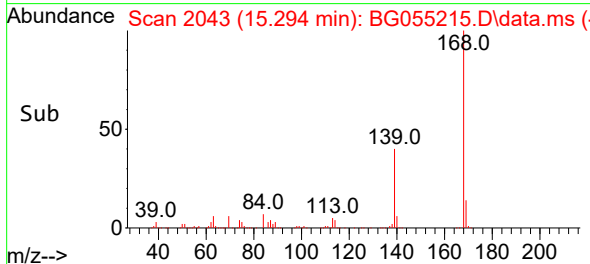
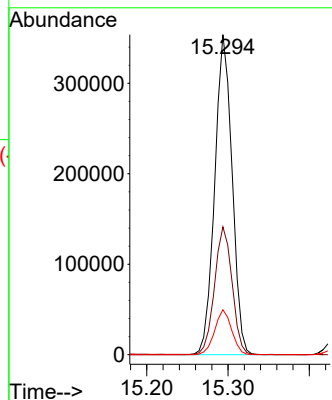
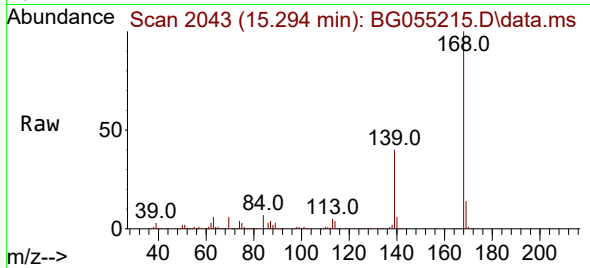




#55
Dibenzofuran
Concen: 46.421 ng
RT: 15.294 min Scan# 2044
Delta R.T. -0.004 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

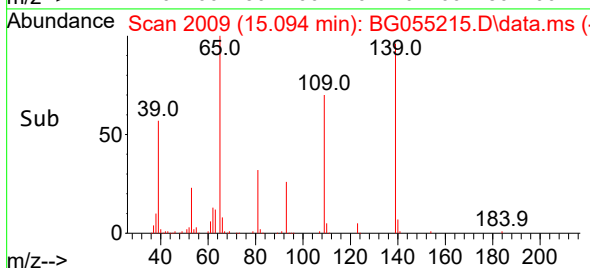
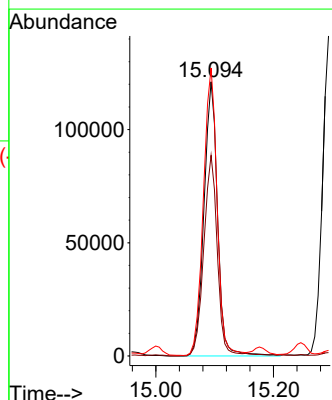
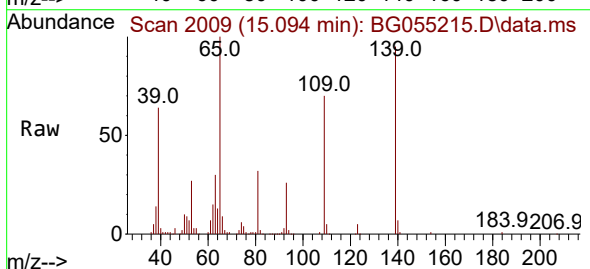
Instrument :
BNA_G
ClientSampleId :
PB148413BSD

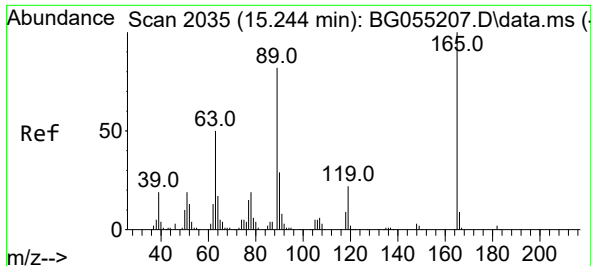
Tgt Ion:168 Resp: 525324
Ion Ratio Lower Upper
168 100
139 40.0 32.6 48.8
169 14.1 10.7 16.1



#56
4-Nitrophenol
Concen: 106.089 ng
RT: 15.094 min Scan# 2009
Delta R.T. 0.002 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

Tgt Ion:139 Resp: 194045
Ion Ratio Lower Upper
139 100
109 73.2 53.0 93.0
65 105.0 84.8 124.8





#57

2,4-Dinitrotoluene

Concen: 49.877 ng

RT: 15.247 min Scan# 2035

Delta R.T. 0.002 min

Lab File: BG055215.D

Acq: 19 Oct 2022 21:16

Instrument :

BNA_G

ClientSampleId :

PB148413BSD

Tgt Ion:165 Resp: 145642

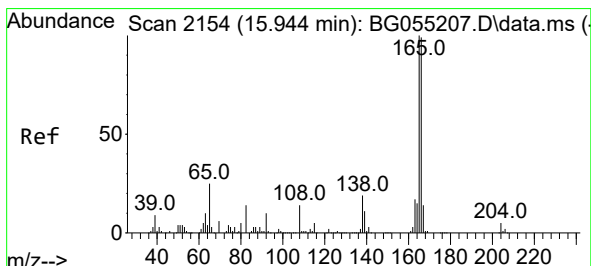
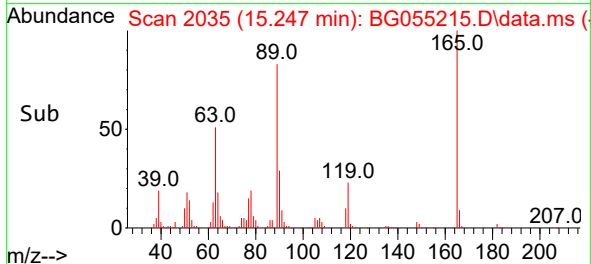
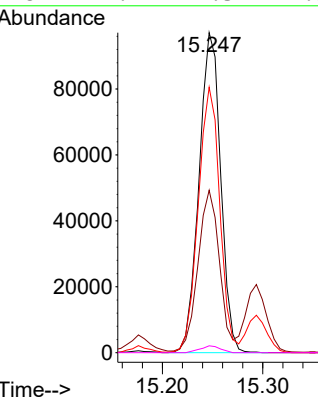
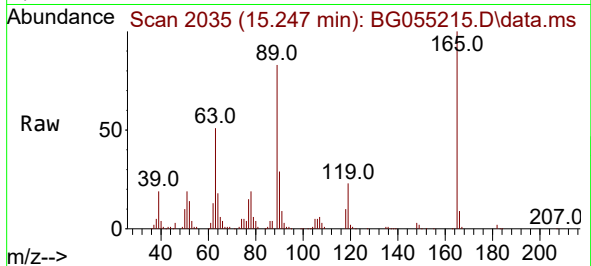
Ion Ratio Lower Upper

165 100

63 50.7 39.8 59.8

89 82.9 66.0 99.0

182 2.2 1.5 2.3



#58

Fluorene

Concen: 46.247 ng

RT: 15.940 min Scan# 2153

Delta R.T. -0.004 min

Lab File: BG055215.D

Acq: 19 Oct 2022 21:16

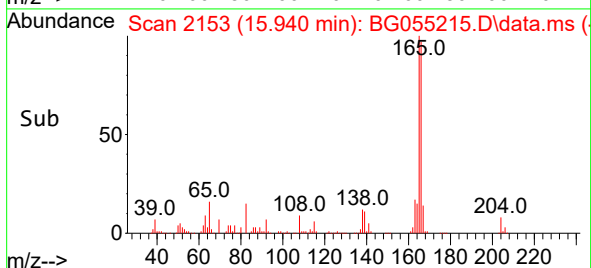
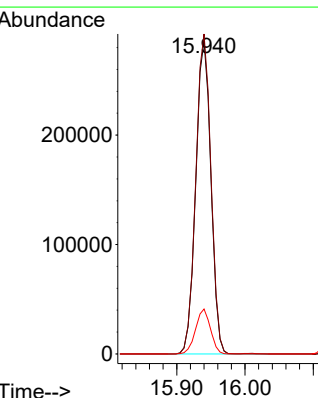
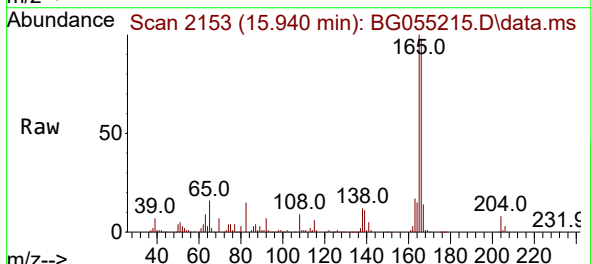
Tgt Ion:166 Resp: 440748

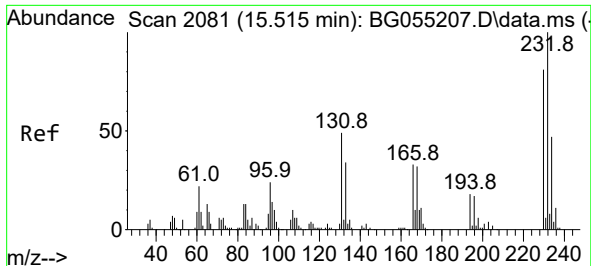
Ion Ratio Lower Upper

166 100

165 102.2 81.0 121.6

167 14.4 11.0 16.4

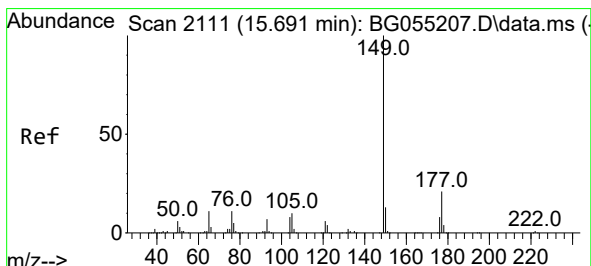
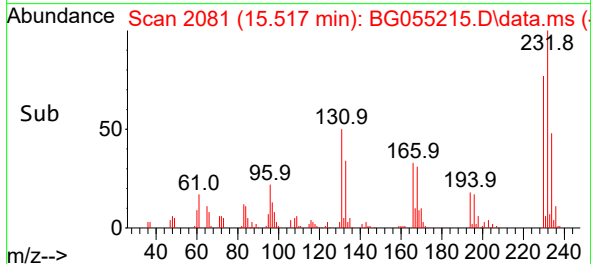
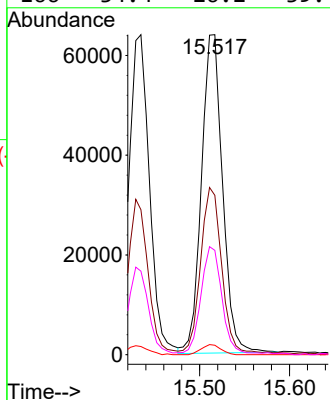
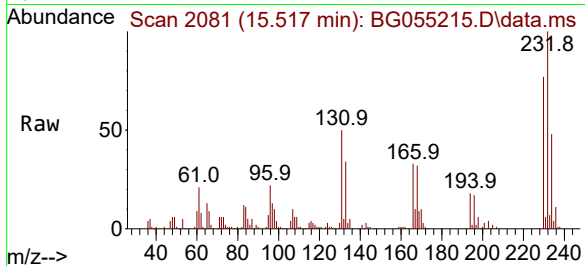




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.137 ng
RT: 15.517 min Scan# 2081
Delta R.T. 0.002 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

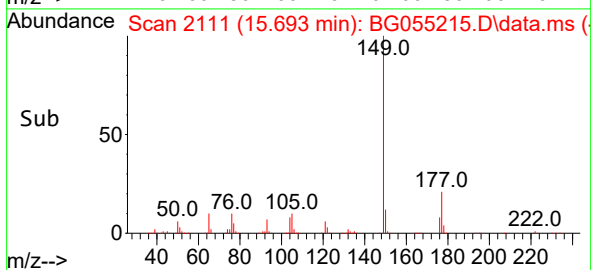
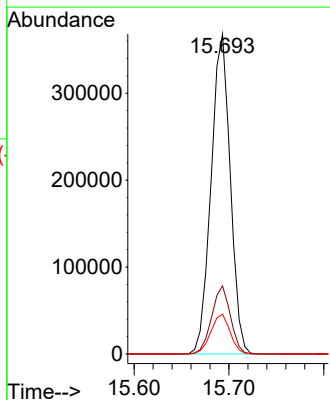
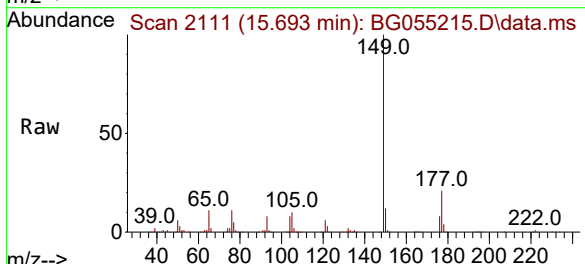
Instrument :
BNA_G
ClientSampleId :
PB148413BSD

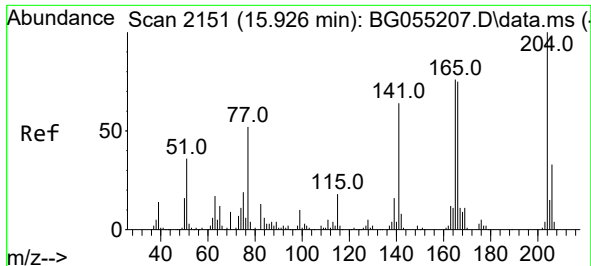
Tgt Ion:232 Resp: 104340
Ion Ratio Lower Upper
232 100
131 52.7 40.5 60.7
130 2.9 2.2 3.2
166 34.4 26.2 39.4



#60
Diethylphthalate
Concen: 47.428 ng
RT: 15.693 min Scan# 2111
Delta R.T. 0.002 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

Tgt Ion:149 Resp: 516406
Ion Ratio Lower Upper
149 100
177 21.3 16.4 24.6
150 12.4 10.2 15.4

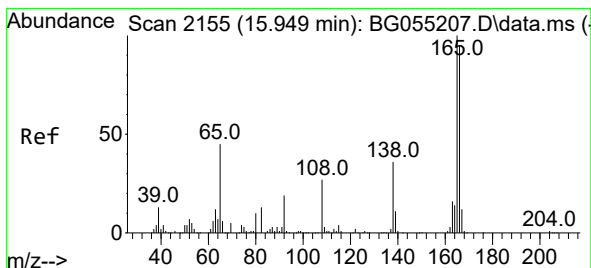
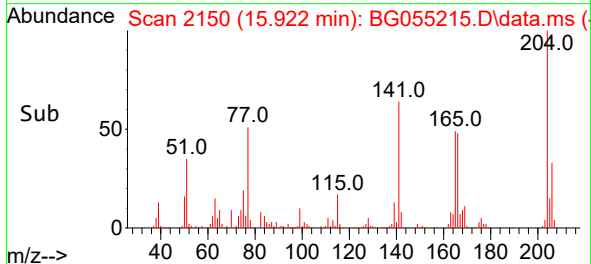
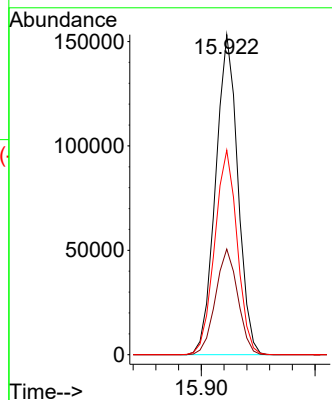
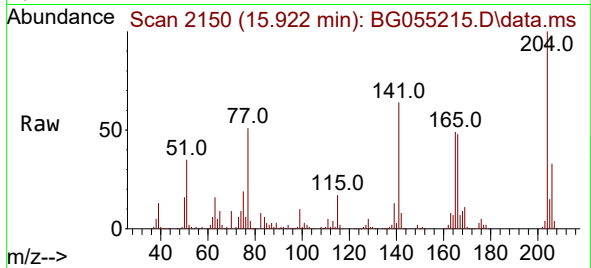




#61
4-Chlorophenyl-phenylether
Concen: 47.048 ng
RT: 15.922 min Scan# 2150
Delta R.T. -0.004 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

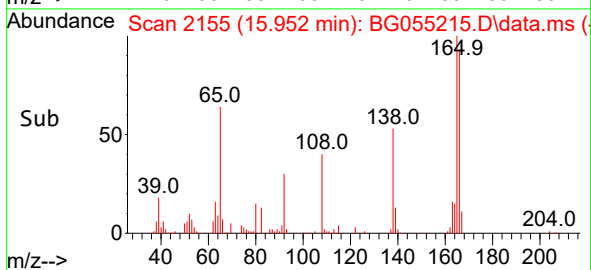
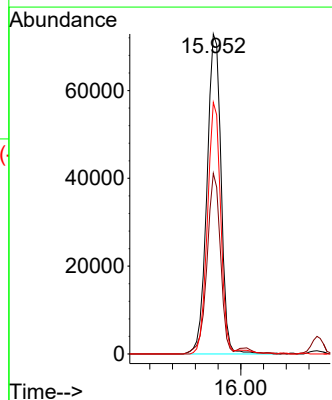
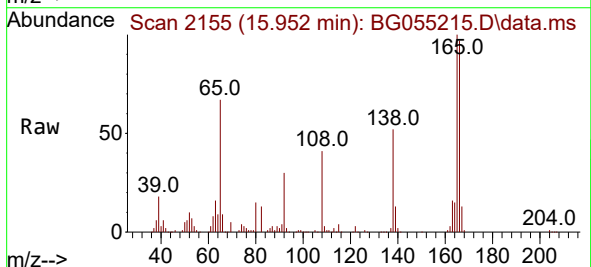
Instrument :
BNA_G
ClientSampleId :
PB148413BSD

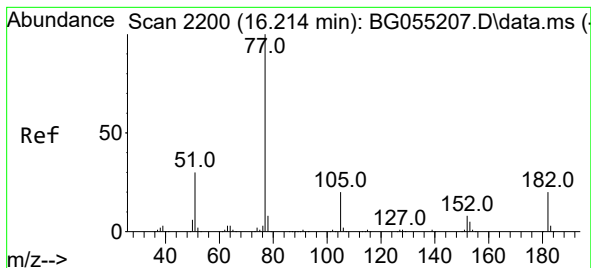
Tgt Ion:204 Resp: 208113
Ion Ratio Lower Upper
204 100
206 33.0 26.8 40.2
141 63.9 51.0 76.4



#62
4-Nitroaniline
Concen: 47.446 ng
RT: 15.952 min Scan# 2155
Delta R.T. 0.002 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

Tgt Ion:138 Resp: 125198
Ion Ratio Lower Upper
138 100
92 56.4 33.9 73.9
108 78.6 55.1 95.1





#63

Azobenzene

Concen: 47.594 ng

RT: 16.216 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG055215.D

Acq: 19 Oct 2022 21:16

Instrument :

BNA_G

ClientSampleId :

PB148413BSD

Tgt Ion: 77 Resp: 523751

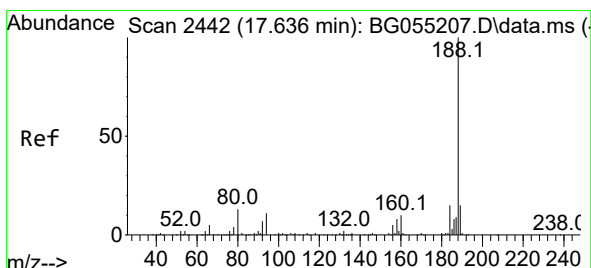
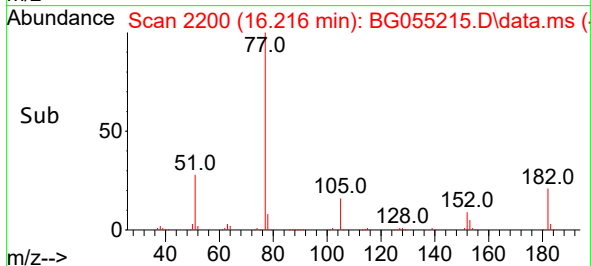
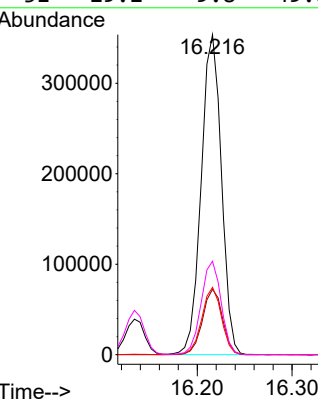
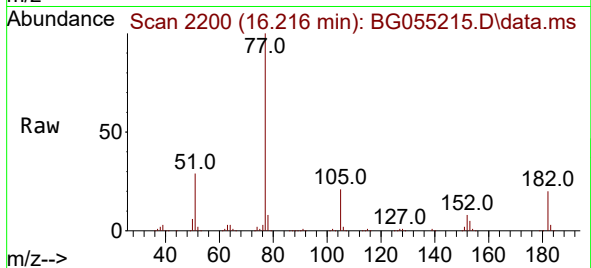
Ion Ratio Lower Upper

77 100

182 20.5 0.0 39.9

105 21.0 0.2 40.2

51 29.2 9.8 49.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.632 min Scan# 2441

Delta R.T. -0.004 min

Lab File: BG055215.D

Acq: 19 Oct 2022 21:16

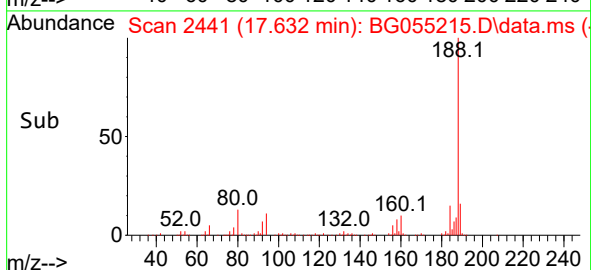
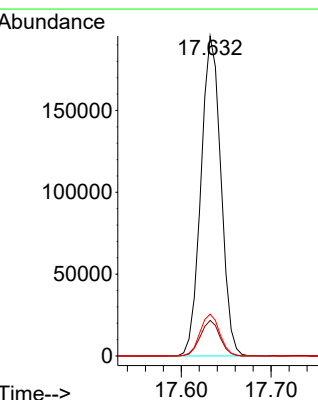
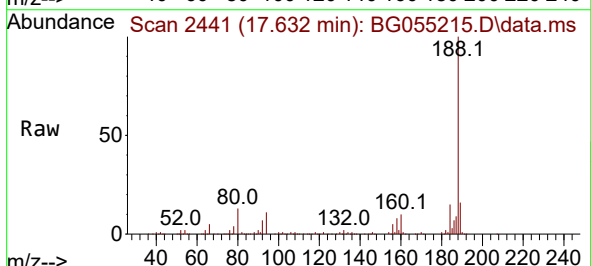
Tgt Ion:188 Resp: 301168

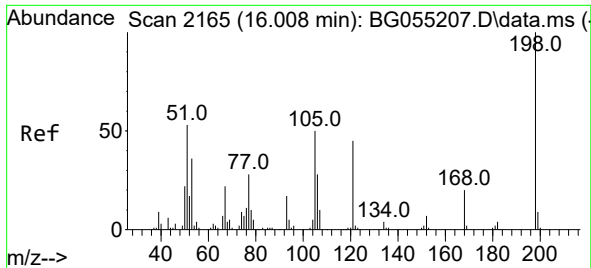
Ion Ratio Lower Upper

188 100

94 11.1 8.6 12.8

80 13.0 10.4 15.6

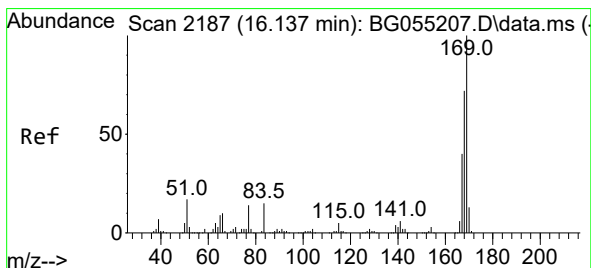
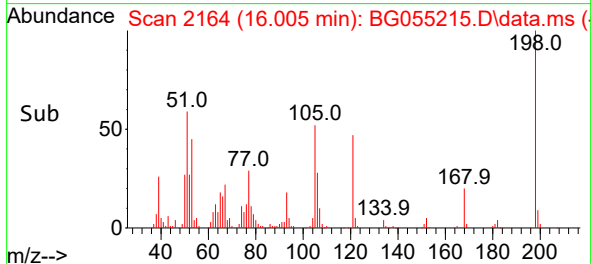
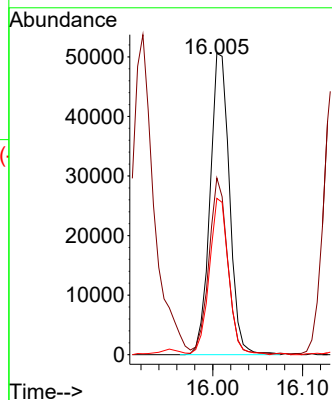
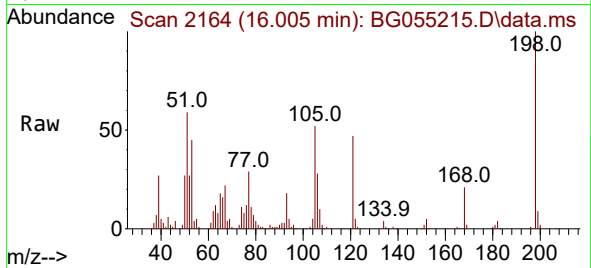




#65
4,6-Dinitro-2-methylphenol
Concen: 47.265 ng
RT: 16.005 min Scan# 2164
Delta R.T. -0.004 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

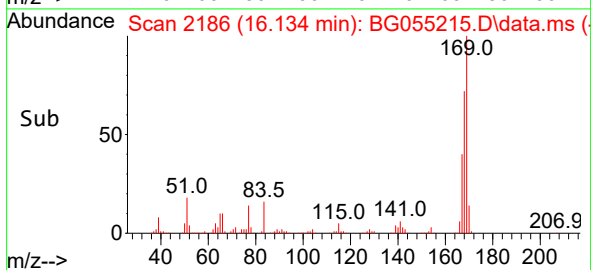
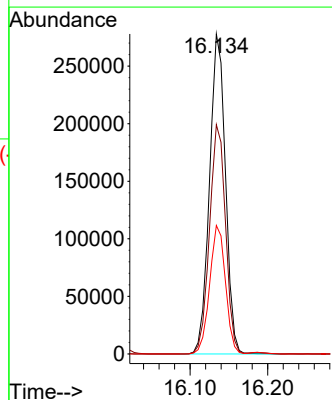
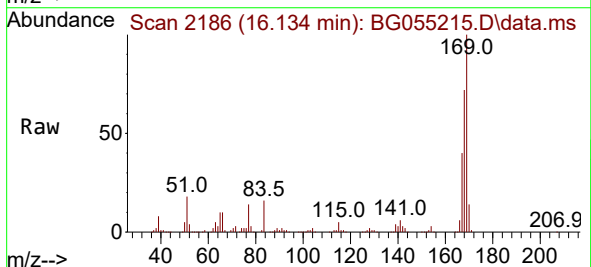
Instrument :
BNA_G
ClientSampleId :
PB148413BSD

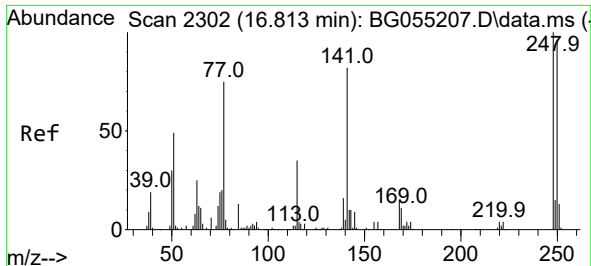
Tgt Ion:198 Resp: 76037
Ion Ratio Lower Upper
198 100
51 58.7 37.0 77.0
105 51.9 30.8 70.8



#66
n-Nitrosodiphenylamine
Concen: 47.177 ng
RT: 16.134 min Scan# 2186
Delta R.T. -0.004 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

Tgt Ion:169 Resp: 396536
Ion Ratio Lower Upper
169 100
168 71.7 57.7 86.5
167 40.1 31.8 47.6

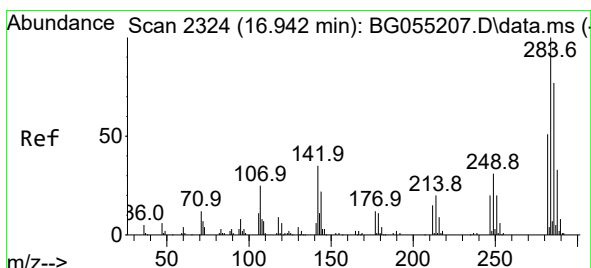
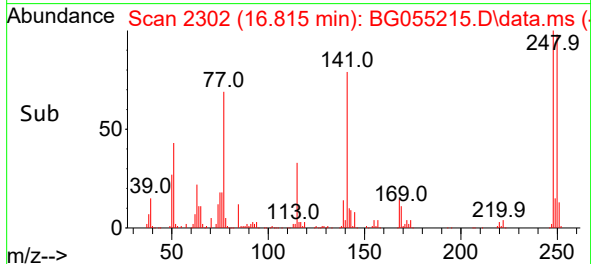
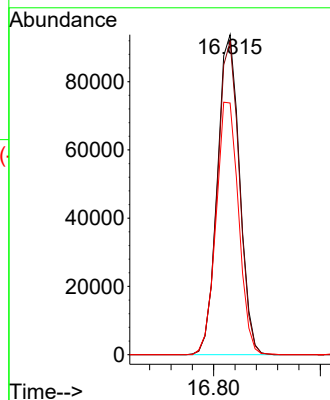
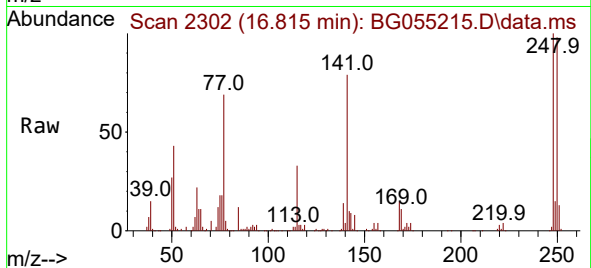




#67
4-Bromophenyl-phenylether
Concen: 46.095 ng
RT: 16.815 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

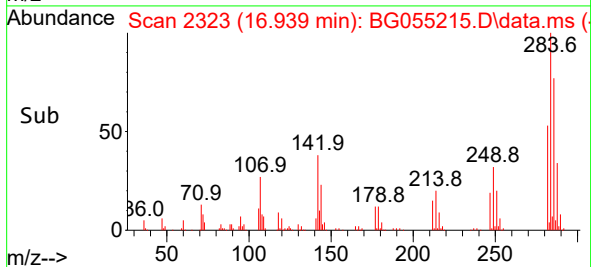
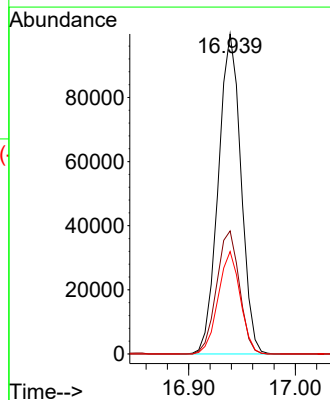
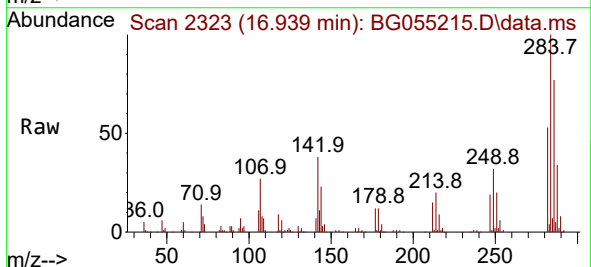
Instrument :
BNA_G
ClientSampleId :
PB148413BSD

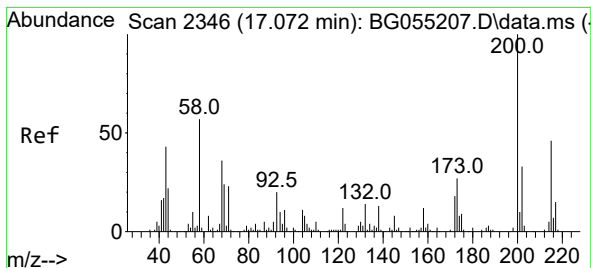
Tgt Ion:248 Resp: 135310
Ion Ratio Lower Upper
248 100
250 97.7 76.7 115.1
141 78.7 65.3 97.9



#68
Hexachlorobenzene
Concen: 45.799 ng
RT: 16.939 min Scan# 2323
Delta R.T. -0.004 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

Tgt Ion:284 Resp: 147139
Ion Ratio Lower Upper
284 100
142 38.5 28.1 42.1
249 32.0 25.0 37.6





#69

Atrazine

Concen: 54.483 ng

RT: 17.074 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG055215.D

Acq: 19 Oct 2022 21:16

Instrument :

BNA_G

ClientSampleId :

PB148413BSD

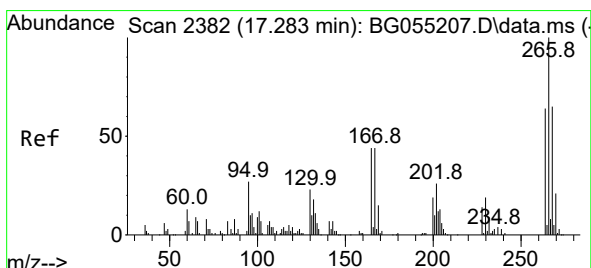
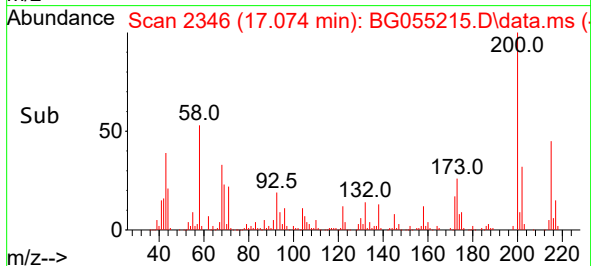
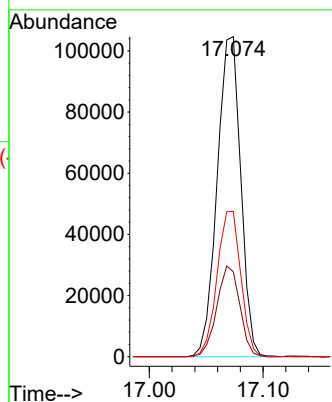
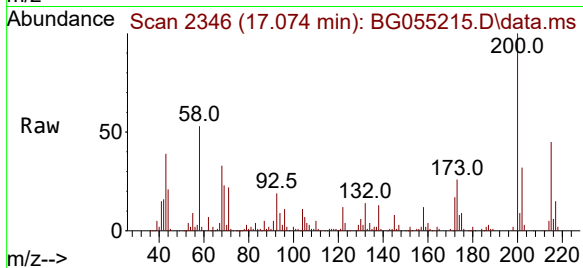
Tgt Ion:200 Resp: 150936

Ion Ratio Lower Upper

200 100

173 26.5 6.8 46.8

215 45.4 25.7 65.7



#70

Pentachlorophenol

Concen: 98.059 ng

RT: 17.280 min Scan# 2381

Delta R.T. -0.003 min

Lab File: BG055215.D

Acq: 19 Oct 2022 21:16

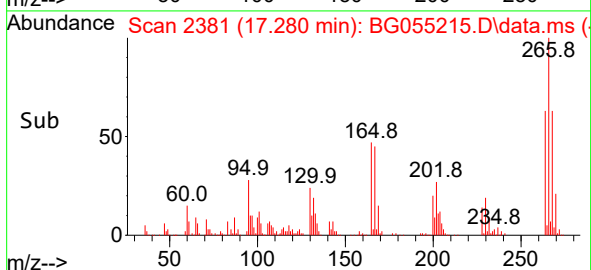
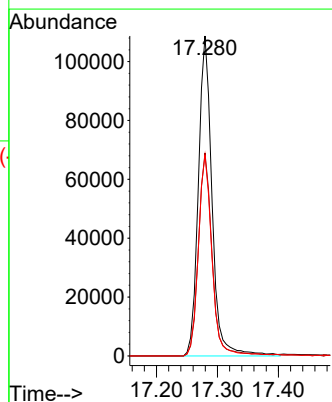
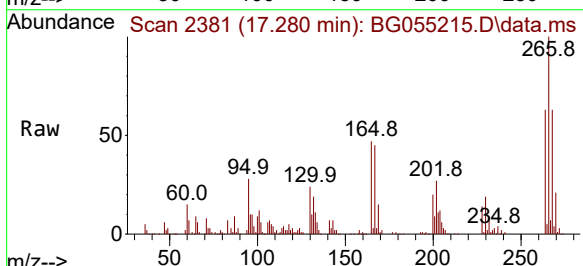
Tgt Ion:266 Resp: 170021

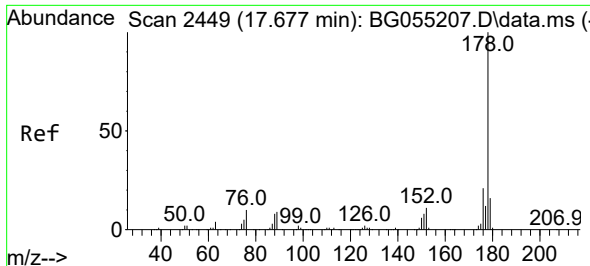
Ion Ratio Lower Upper

266 100

268 63.5 55.8 83.6

264 62.7 51.1 76.7

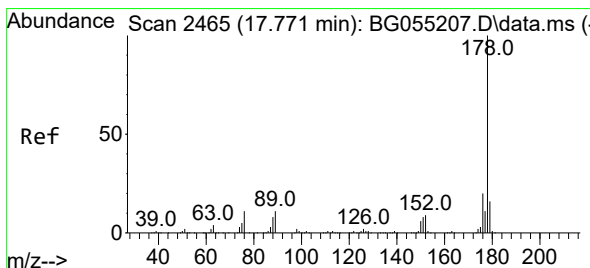
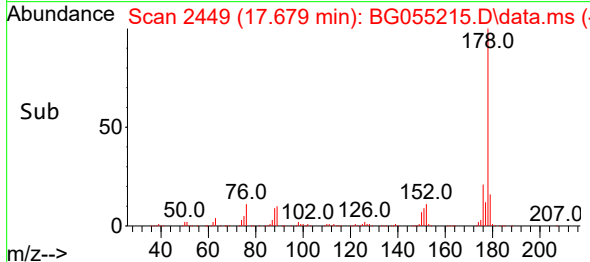
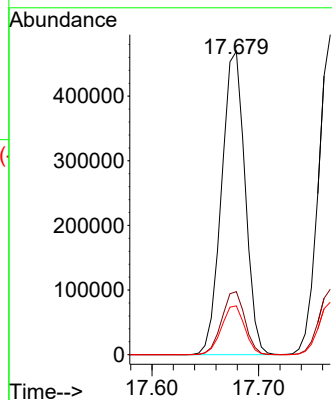
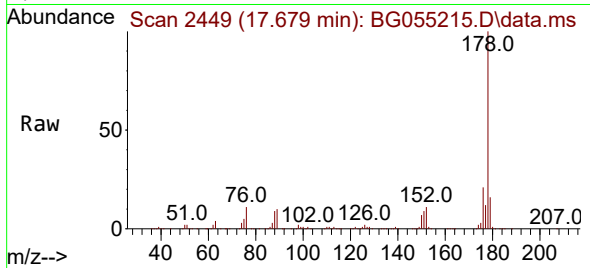




#71
Phenanthrene
Concen: 44.685 ng
RT: 17.679 min Scan# 2449
Delta R.T. 0.002 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

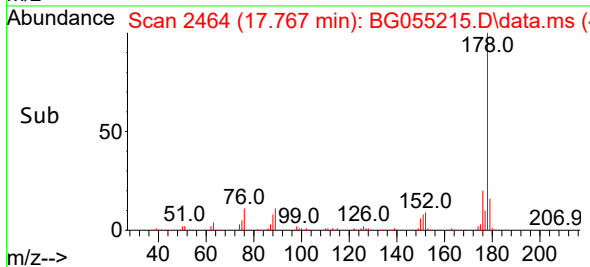
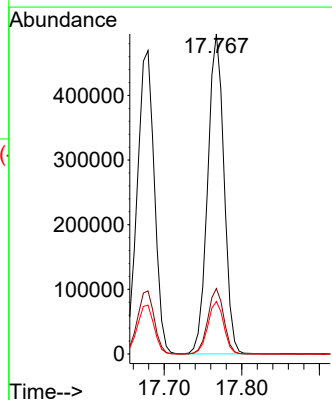
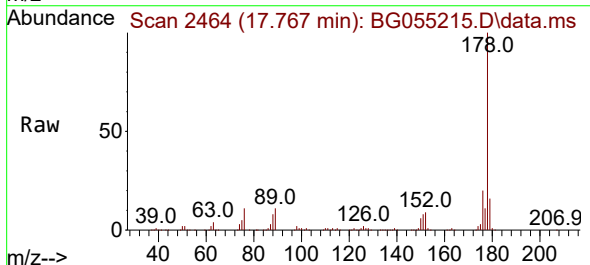
Instrument :
BNA_G
ClientSampleId :
PB148413BSD

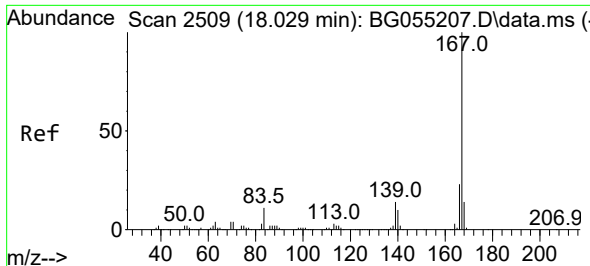
Tgt Ion:178 Resp: 718132
Ion Ratio Lower Upper
178 100
176 20.8 16.4 24.6
179 16.1 12.8 19.2



#72
Anthracene
Concen: 46.070 ng
RT: 17.767 min Scan# 2464
Delta R.T. -0.004 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

Tgt Ion:178 Resp: 723508
Ion Ratio Lower Upper
178 100
176 20.5 16.2 24.2
179 16.4 13.0 19.4

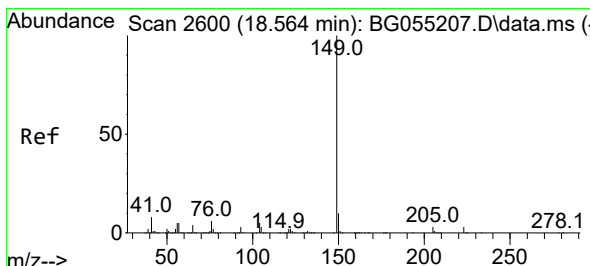
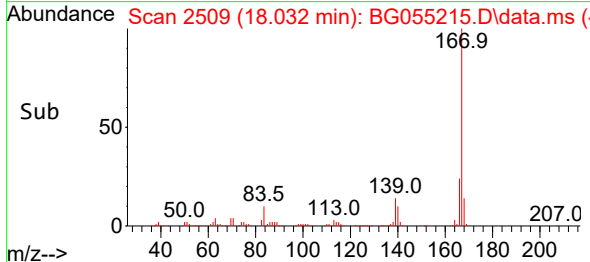
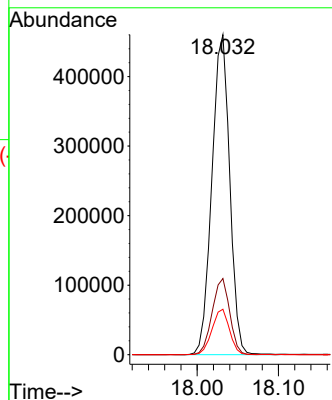
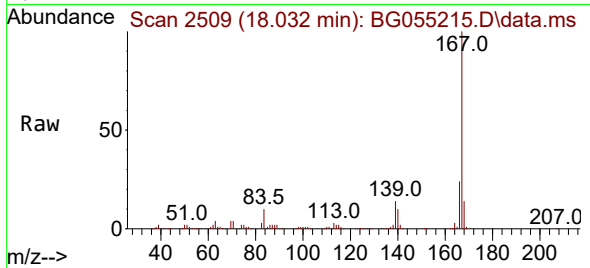




#73
 Carbazole
 Concen: 48.437 ng
 RT: 18.032 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG055215.D
 Acq: 19 Oct 2022 21:16

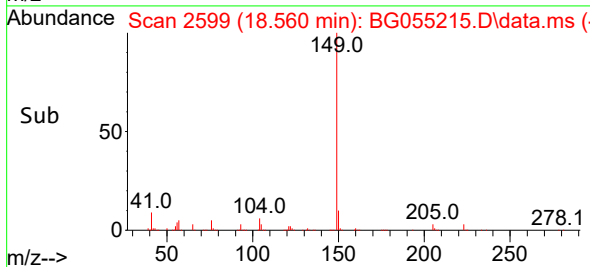
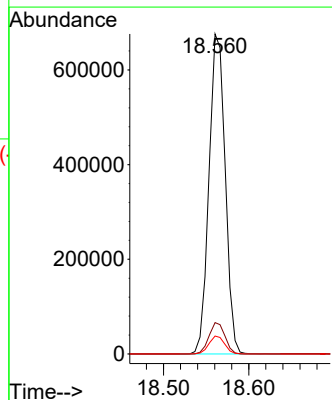
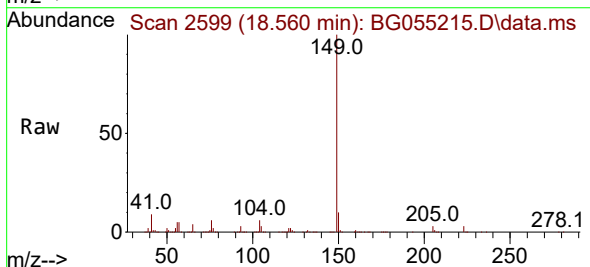
Instrument :
 BNA_G
 ClientSampleId :
 PB148413BSD

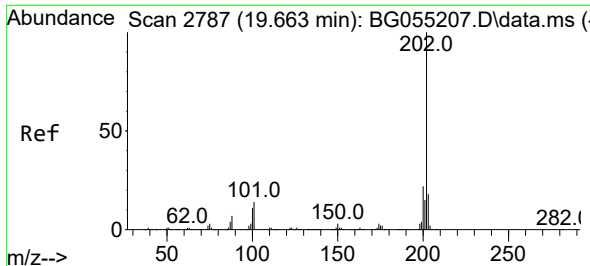
Tgt Ion:167 Resp: 700488
 Ion Ratio Lower Upper
 167 100
 166 23.8 18.5 27.7
 139 14.2 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 47.481 ng
 RT: 18.560 min Scan# 2599
 Delta R.T. -0.004 min
 Lab File: BG055215.D
 Acq: 19 Oct 2022 21:16

Tgt Ion:149 Resp: 895630
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.6
 104 5.6 4.4 6.6

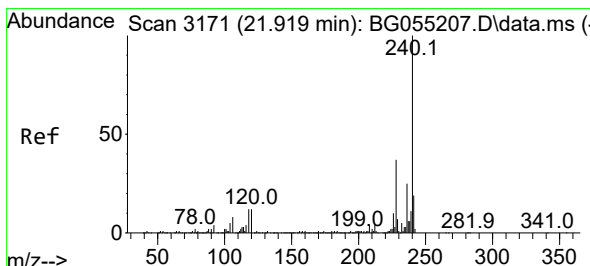
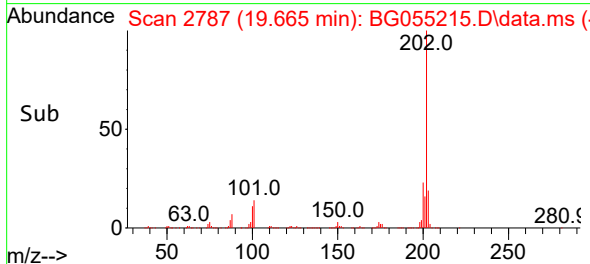
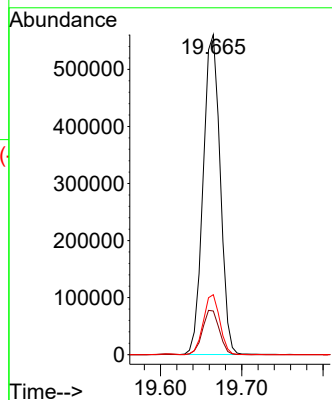
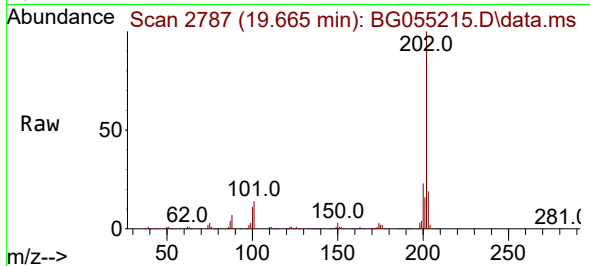




#75
Fluoranthene
Concen: 45.716 ng
RT: 19.665 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

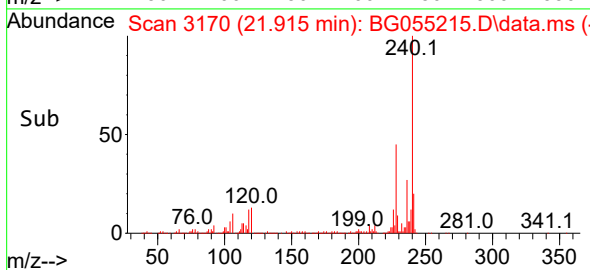
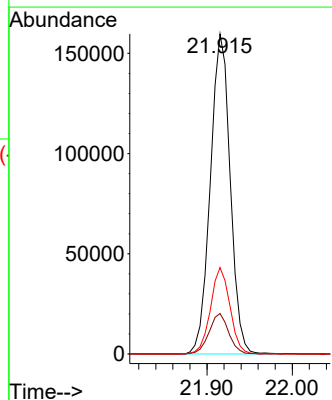
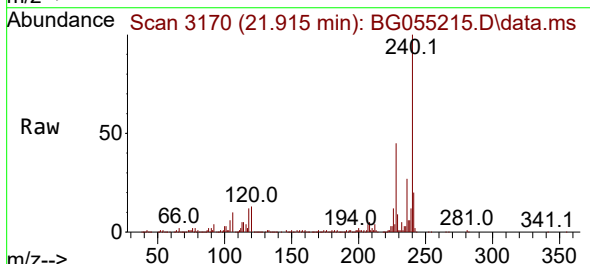
Instrument :
BNA_G
ClientSampleId :
PB148413BSD

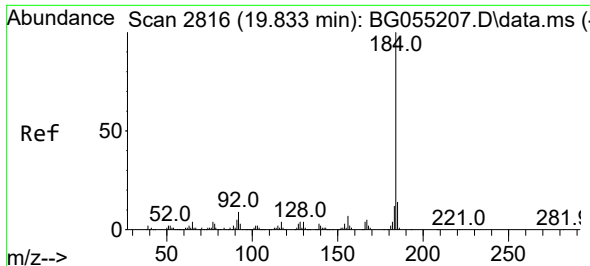
Tgt Ion:202 Resp: 813831
Ion Ratio Lower Upper
202 100
101 13.6 0.0 34.2
203 18.7 0.0 38.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.915 min Scan# 3170
Delta R.T. -0.004 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

Tgt Ion:240 Resp: 258605
Ion Ratio Lower Upper
240 100
120 12.7 9.2 13.8
236 27.0 20.4 30.6

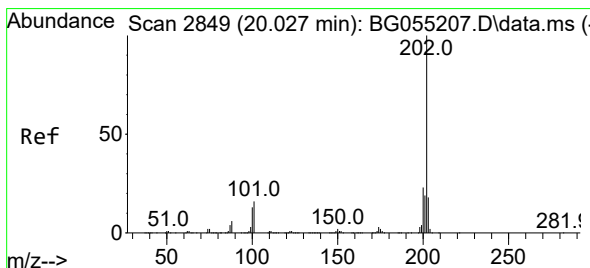
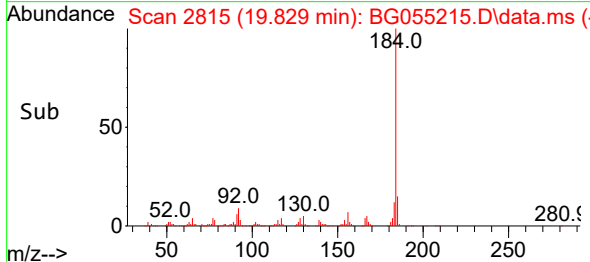
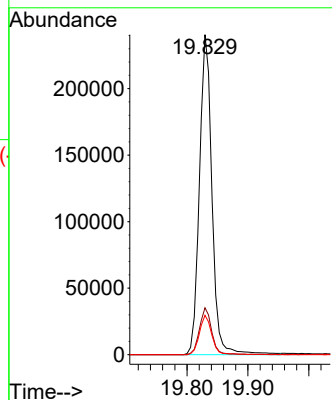
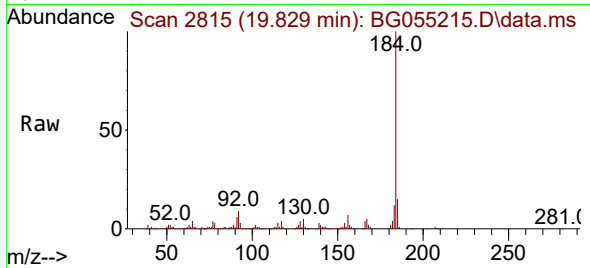




#77
Benzidine
Concen: 52.158 ng
RT: 19.829 min Scan# 2815
Delta R.T. -0.004 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

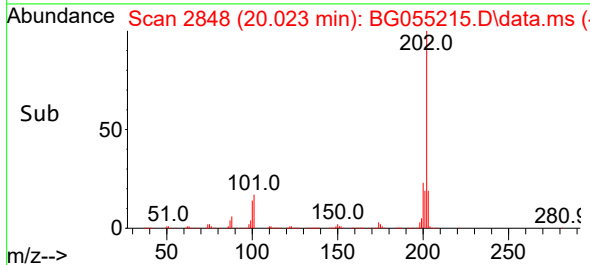
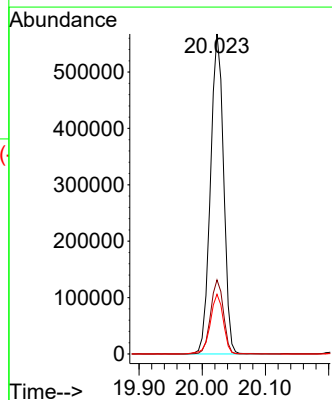
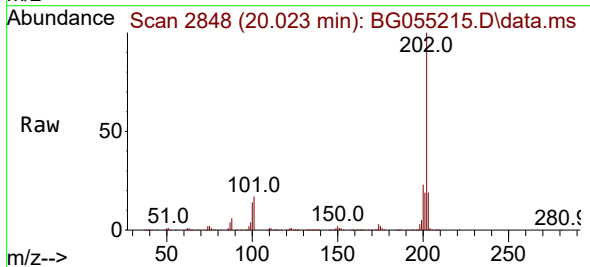
Instrument :
BNA_G
ClientSampleId :
PB148413BSD

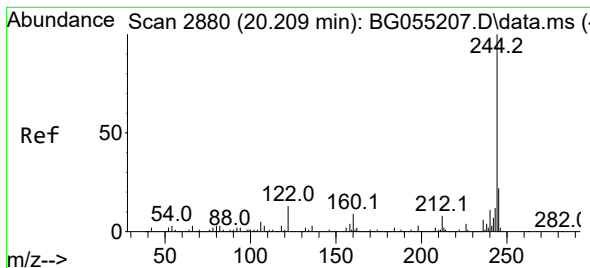
Tgt Ion:184 Resp: 342999
Ion Ratio Lower Upper
184 100
185 14.7 11.4 17.2
183 12.3 9.8 14.6



#78
Pyrene
Concen: 41.800 ng
RT: 20.023 min Scan# 2848
Delta R.T. -0.004 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

Tgt Ion:202 Resp: 814523
Ion Ratio Lower Upper
202 100
200 23.2 18.2 27.2
203 18.6 14.6 22.0





#79

Terphenyl-d14

Concen: 83.770 ng

RT: 20.206 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG055215.D

Acq: 19 Oct 2022 21:16

Instrument :

BNA_G

ClientSampleId :

PB148413BSD

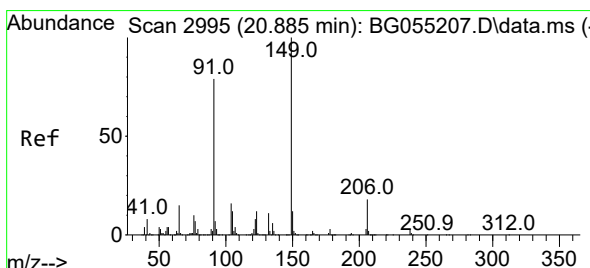
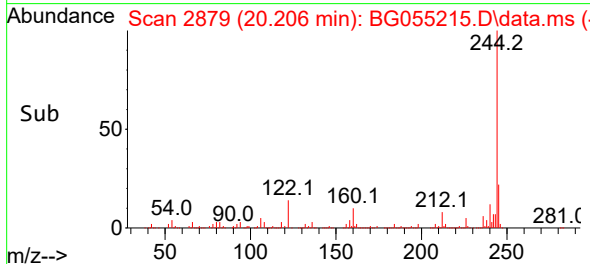
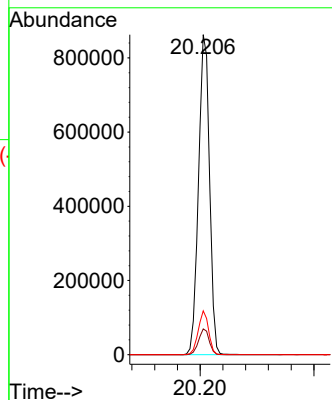
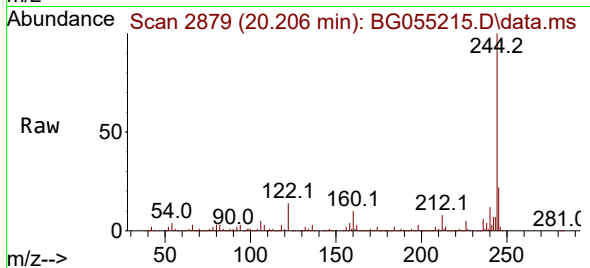
Tgt Ion:244 Resp: 1162634

Ion Ratio Lower Upper

244 100

212 8.1 6.3 9.5

122 13.7 10.0 15.0



#80

Butylbenzylphthalate

Concen: 43.747 ng

RT: 20.881 min Scan# 2994

Delta R.T. -0.004 min

Lab File: BG055215.D

Acq: 19 Oct 2022 21:16

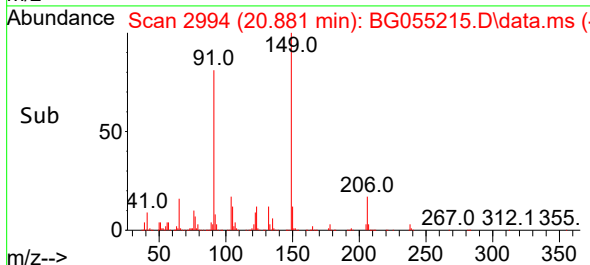
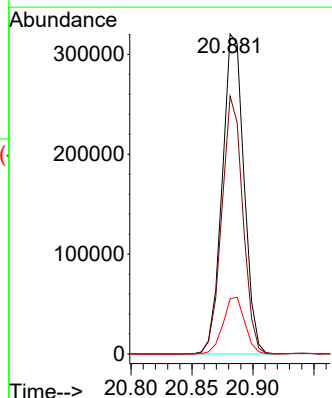
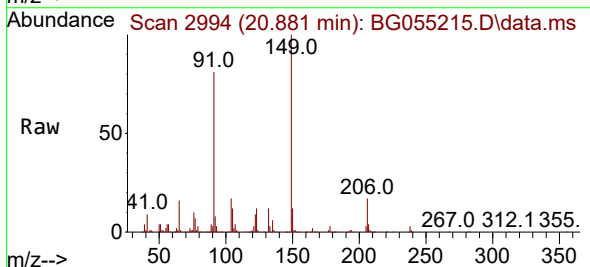
Tgt Ion:149 Resp: 398450

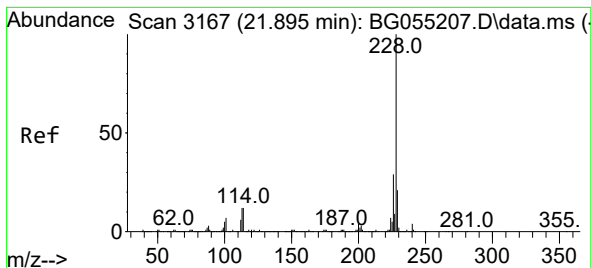
Ion Ratio Lower Upper

149 100

91 80.6 63.2 94.8

206 17.2 14.5 21.7





#81

Benzo(a)anthracene

Concen: 43.982 ng

RT: 21.892 min Scan# 3167

Delta R.T. -0.004 min

Lab File: BG055215.D

Acq: 19 Oct 2022 21:16

Instrument :

BNA_G

ClientSampleId :

PB148413BSD

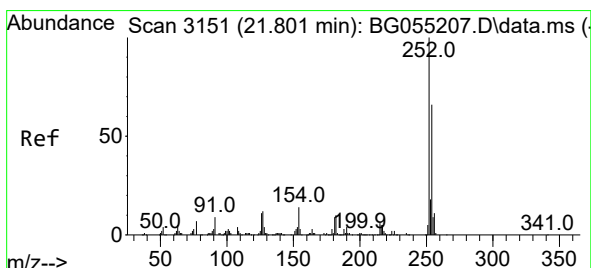
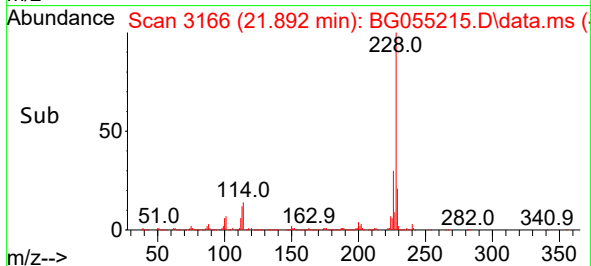
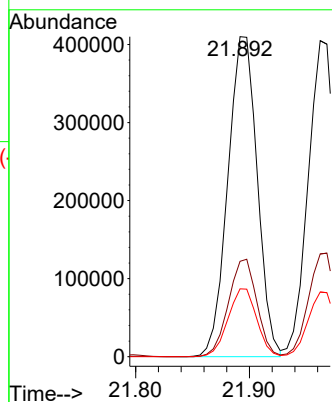
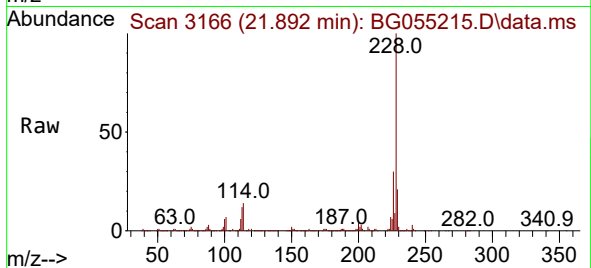
Tgt Ion:228 Resp: 737766

Ion Ratio Lower Upper

228 100

226 29.8 23.1 34.7

229 21.2 16.5 24.7



#82

3,3'-Dichlorobenzidine

Concen: 39.993 ng

RT: 21.798 min Scan# 3150

Delta R.T. -0.004 min

Lab File: BG055215.D

Acq: 19 Oct 2022 21:16

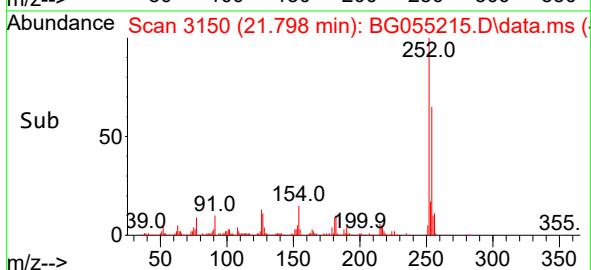
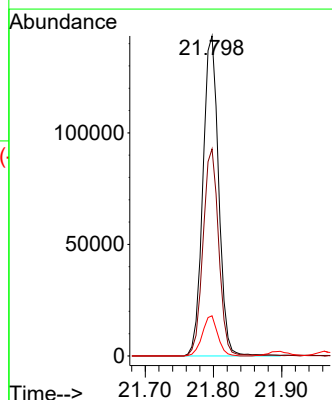
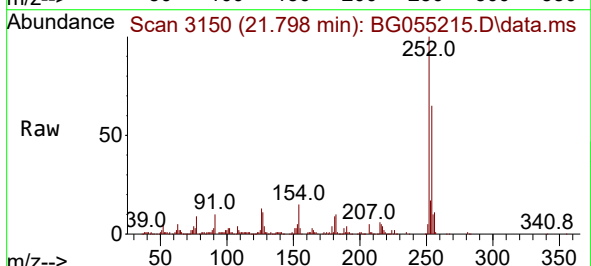
Tgt Ion:252 Resp: 230348

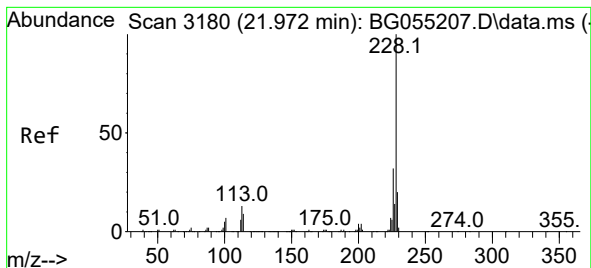
Ion Ratio Lower Upper

252 100

254 64.7 52.8 79.2

126 12.5 9.0 13.6





#83

Chrysene

Concen: 44.323 ng

RT: 21.962 min Scan# 31

Delta R.T. -0.010 min

Lab File: BG055215.D

Acq: 19 Oct 2022 21:16

Instrument :

BNA_G

ClientSampleId :

PB148413BSD

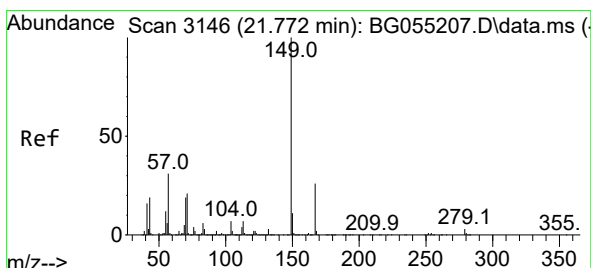
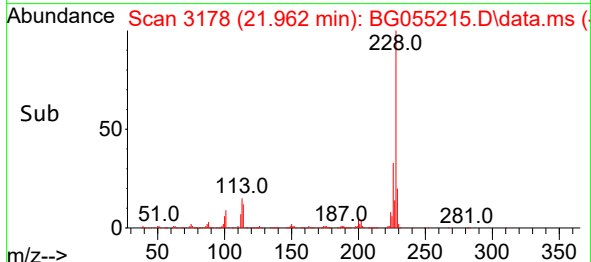
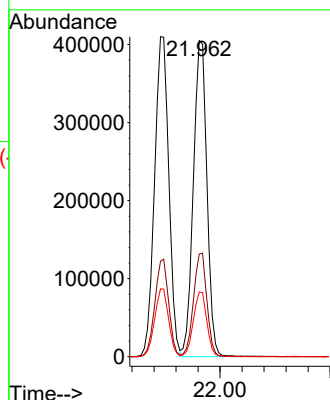
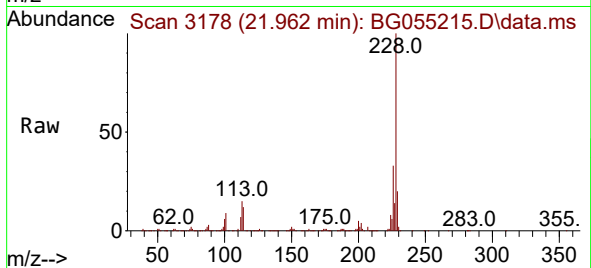
Tgt Ion:228 Resp: 692389

Ion Ratio Lower Upper

228 100

226 32.5 25.4 38.2

229 20.4 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.632 ng

RT: 21.768 min Scan# 3145

Delta R.T. -0.004 min

Lab File: BG055215.D

Acq: 19 Oct 2022 21:16

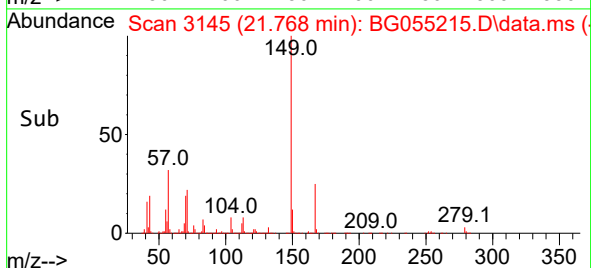
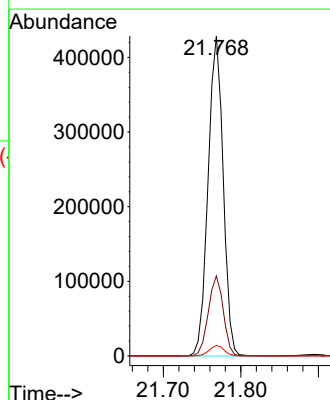
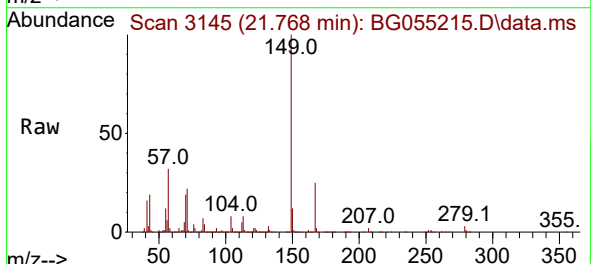
Tgt Ion:149 Resp: 579554

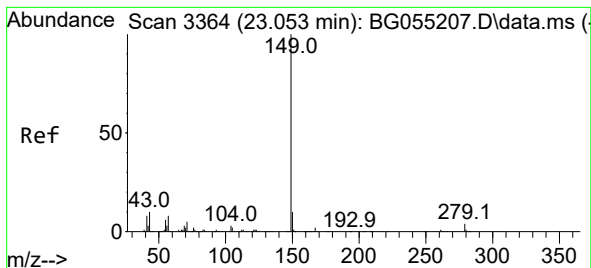
Ion Ratio Lower Upper

149 100

167 25.0 20.6 31.0

279 3.3 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 54.417 ng

RT: 23.043 min Scan# 31

Delta R.T. -0.010 min

Lab File: BG055215.D

Acq: 19 Oct 2022 21:16

Instrument :

BNA_G

ClientSampleId :

PB148413BSD

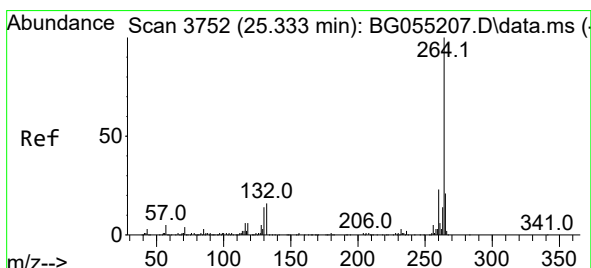
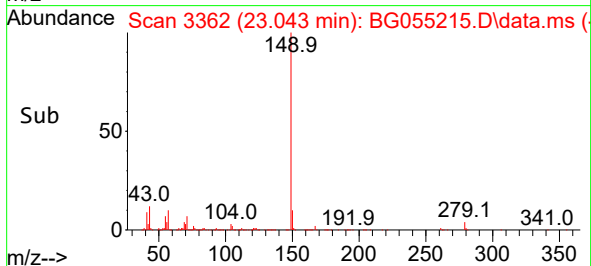
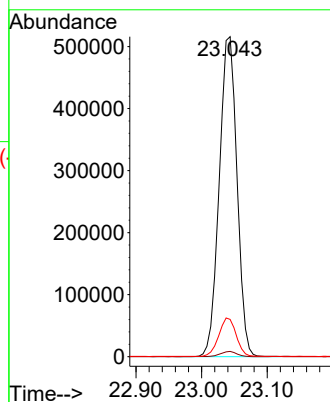
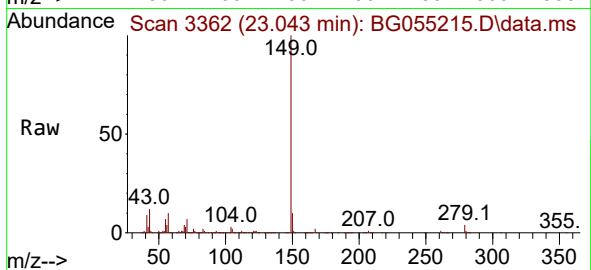
Tgt Ion:149 Resp: 966851

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.8 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.323 min Scan# 3750

Delta R.T. -0.010 min

Lab File: BG055215.D

Acq: 19 Oct 2022 21:16

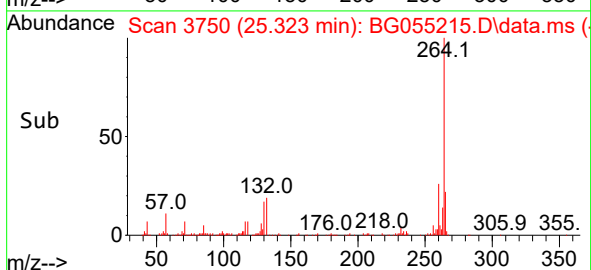
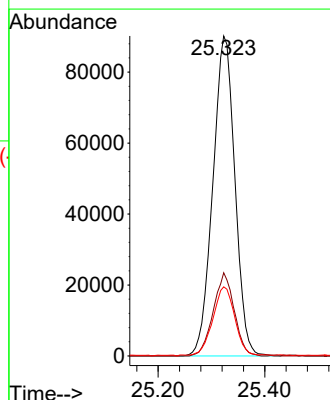
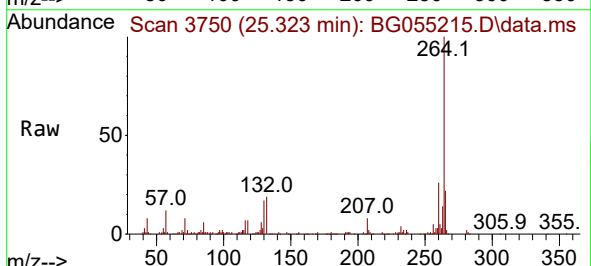
Tgt Ion:264 Resp: 258968

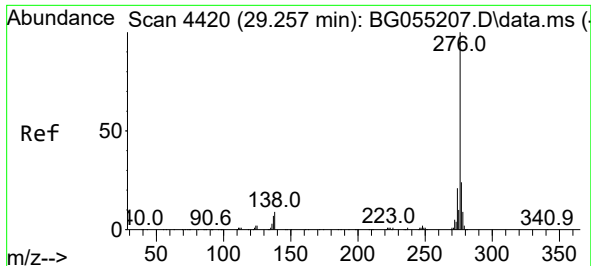
Ion Ratio Lower Upper

264 100

260 26.0 18.6 27.8

265 21.6 17.1 25.7

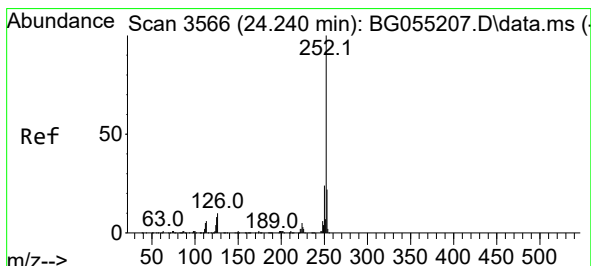
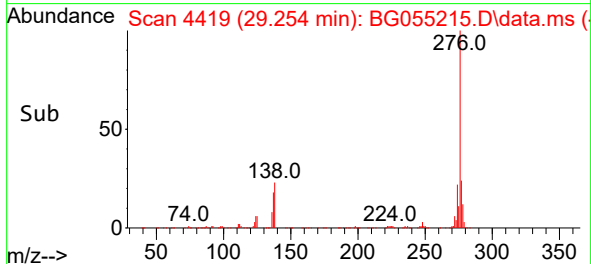
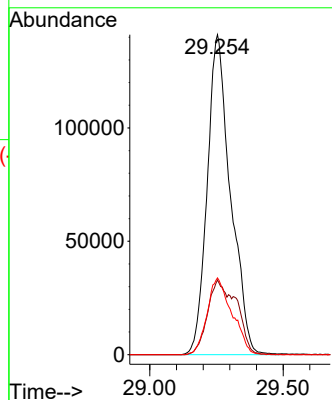
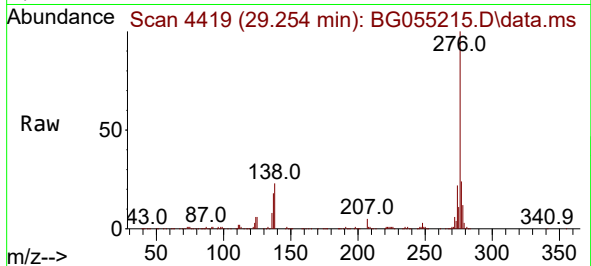




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.583 ng
 RT: 29.254 min Scan# 4419
 Delta R.T. -0.004 min
 Lab File: BG055215.D
 Acq: 19 Oct 2022 21:16

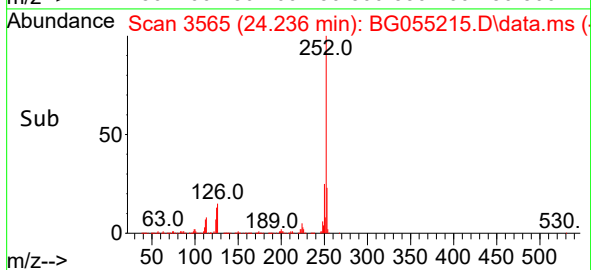
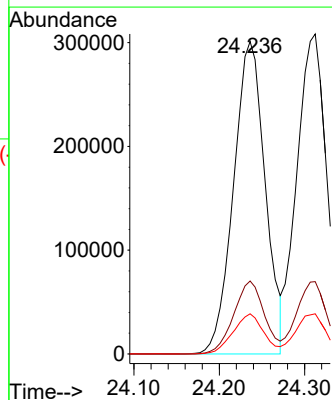
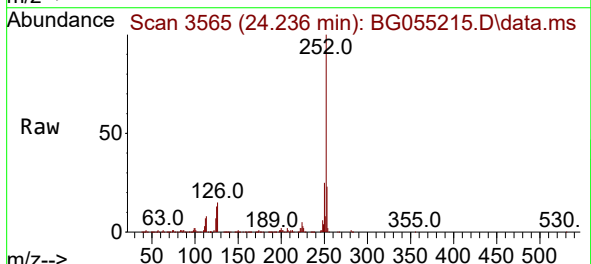
Instrument :
 BNA_G
 ClientSampleId :
 PB148413BSD

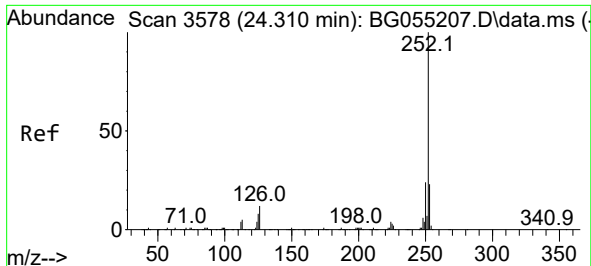
Tgt Ion:276 Resp: 857052
 Ion Ratio Lower Upper
 276 100
 138 21.0 9.5 14.3#
 277 25.6 20.5 30.7



#88
 Benzo(b)fluoranthene
 Concen: 50.428 ng
 RT: 24.236 min Scan# 3565
 Delta R.T. -0.004 min
 Lab File: BG055215.D
 Acq: 19 Oct 2022 21:16

Tgt Ion:252 Resp: 775494
 Ion Ratio Lower Upper
 252 100
 253 23.4 17.8 26.6
 125 12.8 6.2 9.2#

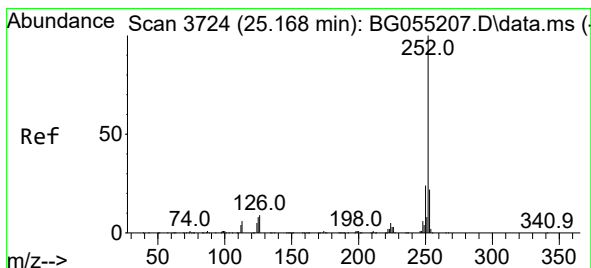
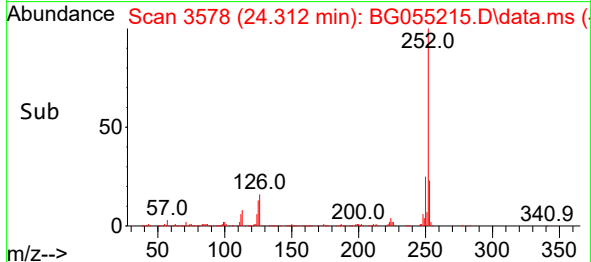
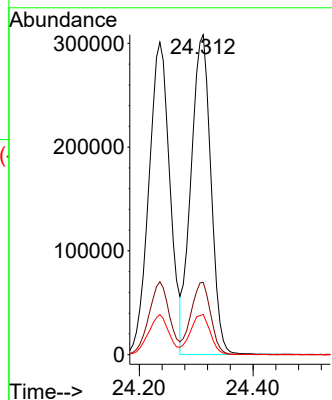
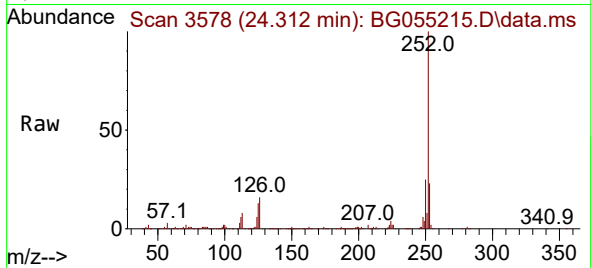




#89
Benzo(k)fluoranthene
Concen: 48.038 ng
RT: 24.312 min Scan# 31
Delta R.T. 0.002 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

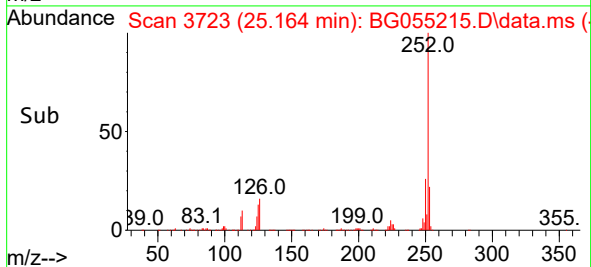
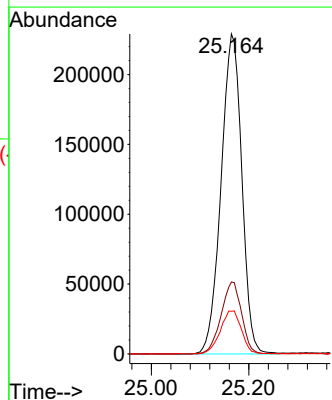
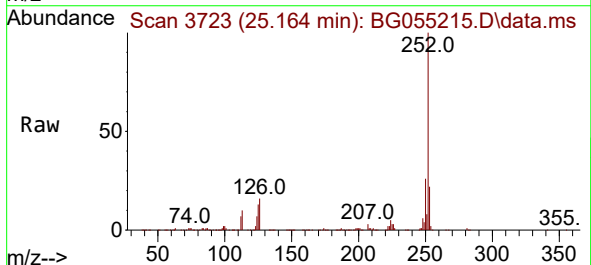
Instrument :
BNA_G
ClientSampleId :
PB148413BSD

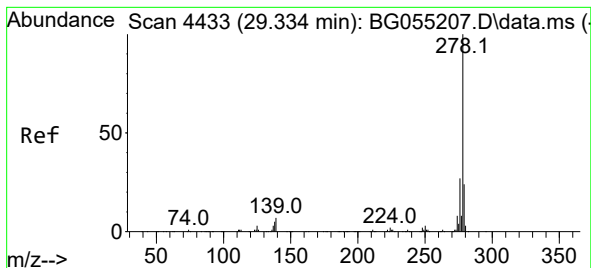
Tgt Ion:252 Resp: 748171
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 12.6 6.5 9.7#



#90
Benzo(a)pyrene
Concen: 51.232 ng
RT: 25.164 min Scan# 3723
Delta R.T. -0.004 min
Lab File: BG055215.D
Acq: 19 Oct 2022 21:16

Tgt Ion:252 Resp: 676232
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 13.4 6.2 9.2#





#91

Dibenzo(a,h)anthracene

Concen: 50.304 ng

RT: 29.324 min Scan# 4431

Delta R.T. -0.010 min

Lab File: BG055215.D

Acq: 19 Oct 2022 21:16

Instrument :

BNA_G

ClientSampleId :

PB148413BSD

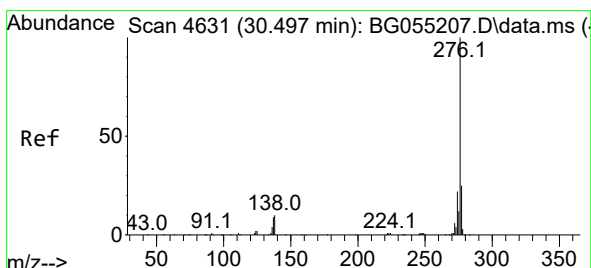
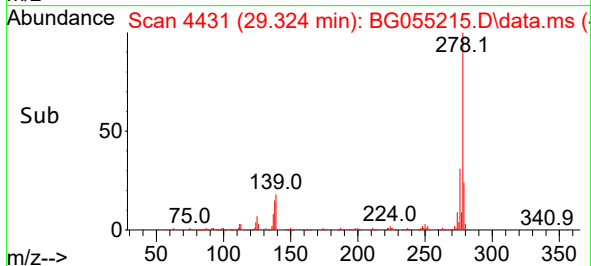
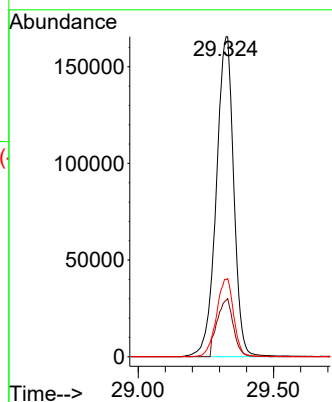
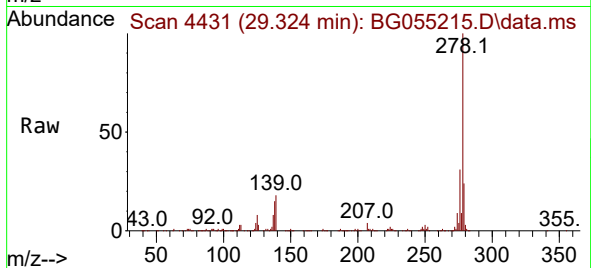
Tgt Ion:278 Resp: 742290

Ion Ratio Lower Upper

278 100

139 17.6 5.6 8.4#

279 24.0 19.5 29.3



#92

Benzo(g,h,i)perylene

Concen: 51.283 ng

RT: 30.499 min Scan# 4631

Delta R.T. 0.002 min

Lab File: BG055215.D

Acq: 19 Oct 2022 21:16

Tgt Ion:276 Resp: 733080

Ion Ratio Lower Upper

276 100

277 23.2 19.7 29.5

138 24.0 8.0 12.0#

