

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102022\
 Data File : BG055225.D
 Acq On : 20 Oct 2022 18:32
 Operator : CG/JU
 Sample : PB148458BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148458BS

Quant Time: Oct 21 03:06:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 20 09:21:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.288	152	50214	20.000	ng	0.00
21) Naphthalene-d8	11.114	136	221734	20.000	ng	0.00
39) Acenaphthene-d10	14.898	164	136048	20.000	ng	0.00
64) Phenanthrene-d10	17.630	188	278806	20.000	ng	0.00
76) Chrysene-d12	21.913	240	238533	20.000	ng	0.00
86) Perylene-d12	25.321	264	253882	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.808	112	461767	165.449	ng	0.00
7) Phenol-d6	7.424	99	606269	142.555	ng	0.00
23) Nitrobenzene-d5	9.457	82	379390	82.604	ng	0.00
42) 2,4,6-Tribromophenol	16.378	330	192812	136.772	ng	0.00
45) 2-Fluorobiphenyl	13.529	172	739773	86.855	ng	0.00
79) Terphenyl-d14	20.203	244	1083312	84.623	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.617	88	50403	37.135	ng	98
3) Pyridine	4.034	79	142861	33.426	ng	99
4) n-Nitrosodimethylamine	3.946	42	84348	42.174	ng	95
6) Aniline	7.600	93	182636	33.125	ng	100
8) 2-Chlorophenol	7.847	128	163154	48.350	ng	99
9) Benzaldehyde	7.412	77	91667	31.007	ng	97
10) Phenol	7.453	94	214494	44.643	ng	99
11) bis(2-Chloroethyl)ether	7.688	93	162382	43.895	ng	97
12) 1,3-Dichlorobenzene	8.176	146	170505	46.580	ng	98
13) 1,4-Dichlorobenzene	8.323	146	170159	45.507	ng	99
14) 1,2-Dichlorobenzene	8.646	146	166768	46.808	ng	97
15) Benzyl Alcohol	8.517	79	154159	42.206	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.811	45	273578	41.034	ng	98
17) 2-Methylphenol	8.722	107	146895	44.168	ng	98
18) Hexachloroethane	9.386	117	64021	47.302	ng	94
19) n-Nitroso-di-n-propyla...	9.093	70	140406	38.493	ng	97
20) 3+4-Methylphenols	9.046	107	195507	41.823	ng	99
22) Acetophenone	9.116	105	247384	41.246	ng	# 99
24) Nitrobenzene	9.504	77	196531	40.017	ng	95
25) Isophorone	10.027	82	366809	39.036	ng	98
26) 2-Nitrophenol	10.215	139	88991	46.063	ng	99
27) 2,4-Dimethylphenol	10.262	122	159880	51.968	ng	99
28) bis(2-Chloroethoxy)met...	10.503	93	217662	48.204	ng	99
29) 2,4-Dichlorophenol	10.755	162	146498	44.599	ng	97
30) 1,2,4-Trichlorobenzene	10.973	180	146232	43.481	ng	99
31) Naphthalene	11.167	128	499434	42.686	ng	99
32) Benzoic acid	10.403	122	91733	41.655	ng	94
33) 4-Chloroaniline	11.267	127	103129	21.405	ng	97
34) Hexachlorobutadiene	11.443	225	84254	41.488	ng	99
35) Caprolactam	12.030	113	32407	22.450	ng	96
36) 4-Chloro-3-methylphenol	12.365	107	171451	40.142	ng	99
37) 2-Methylnaphthalene	12.747	142	341548	38.378	ng	99
38) 1-Methylnaphthalene	12.965	142	323773	36.852	ng	100
40) 1,2,4,5-Tetrachloroben...	13.111	216	154076	48.181	ng	98
41) Hexachlorocyclopentadiene	13.088	237	159484	109.512	ng	97
43) 2,4,6-Trichlorophenol	13.341	196	107591	44.206	ng	99

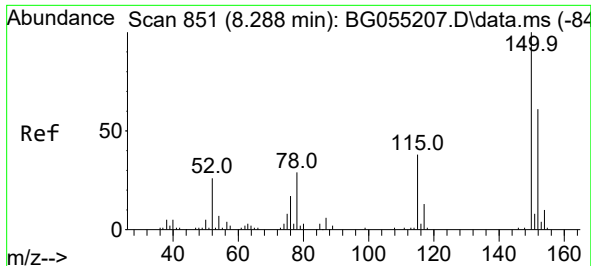
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.417	196	117436	43.980	ng	97
46) 1,1'-Biphenyl	13.740	154	440327	45.708	ng	99
47) 2-Chloronaphthalene	13.787	162	327847	44.204	ng	99
48) 2-Nitroaniline	13.981	65	123620	41.073	ng	97
49) Acenaphthylene	14.627	152	543962	42.873	ng	99
50) Dimethylphthalate	14.339	163	422995	39.527	ng	100
51) 2,6-Dinitrotoluene	14.463	165	90734	42.256	ng	93
52) Acenaphthene	14.962	154	335880	41.579	ng	98
53) 3-Nitroaniline	14.792	138	73827	27.602	ng	98
54) 2,4-Dinitrophenol	14.997	184	81322	75.125	ng	98
55) Dibenzofuran	15.291	168	500179	42.986	ng	98
56) 4-Nitrophenol	15.091	139	172429	91.685	ng	99
57) 2,4-Dinitrotoluene	15.244	165	128690	42.862	ng	99
58) Fluorene	15.938	166	408349	41.672	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.514	232	96766	41.614	ng	99
60) Diethylphthalate	15.691	149	441162	39.406	ng	99
61) 4-Chlorophenyl-phenyle...	15.920	204	193489	42.542	ng	98
62) 4-Nitroaniline	15.949	138	102926	37.936	ng	98
63) Azobenzene	16.214	77	470653	41.596	ng	98
65) 4,6-Dinitro-2-methylph...	16.002	198	59209	39.757	ng	97
66) n-Nitrosodiphenylamine	16.131	169	357107	45.893	ng	99
67) 4-Bromophenyl-phenylether	16.813	248	122752	45.171	ng	97
68) Hexachlorobenzene	16.936	284	132528	44.560	ng	97
69) Atrazine	17.066	200	130555	50.906	ng	98
70) Pentachlorophenol	17.277	266	150905	94.015	ng	96
71) Phenanthrene	17.677	178	637461	42.847	ng	99
72) Anthracene	17.765	178	646111	44.442	ng	100
73) Carbazole	18.029	167	614462	45.896	ng	99
74) Di-n-butylphthalate	18.564	149	789387	45.205	ng	100
75) Fluoranthene	19.663	202	718071	43.572	ng	98
77) Benzidine	19.833	184	392325	64.679	ng	100
78) Pyrene	20.021	202	721476	40.141	ng	99
80) Butylbenzylphthalate	20.885	149	349845	41.643	ng	97
81) Benzo(a)anthracene	21.895	228	668196	43.187	ng	99
82) 3,3'-Dichlorobenzidine	21.795	252	148831	28.014	ng	96
83) Chrysene	21.966	228	619309	42.981	ng	99
84) Bis(2-ethylhexyl)phtha...	21.766	149	512144	46.592	ng	99
85) Di-n-octyl phthalate	23.041	149	852340	52.008	ng	96
87) Indeno(1,2,3-cd)pyrene	29.251	276	776380	43.968	ng	# 86
88) Benzo(b)fluoranthene	24.234	252	691307	45.854	ng	# 95
89) Benzo(k)fluoranthene	24.304	252	672476	44.043	ng	# 96
90) Benzo(a)pyrene	25.162	252	610950	47.213	ng	# 95
91) Dibenzo(a,h)anthracene	29.316	278	664960	45.966	ng	# 91
92) Benzo(g,h,i)perylene	30.479	276	658536	46.991	ng	# 88

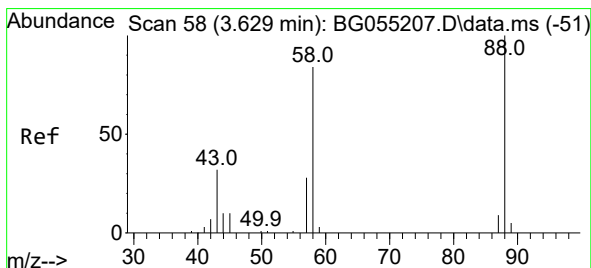
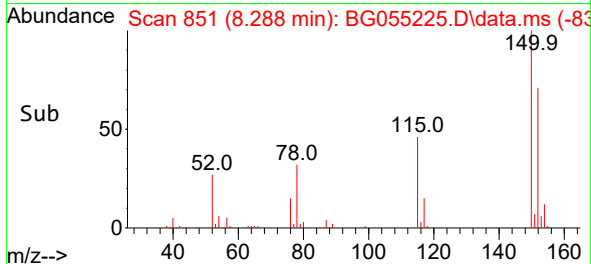
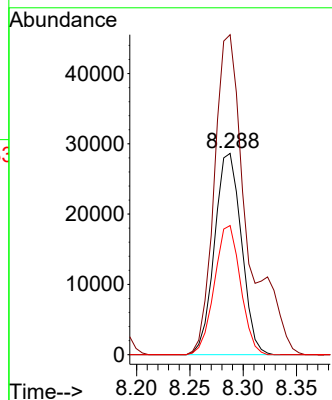
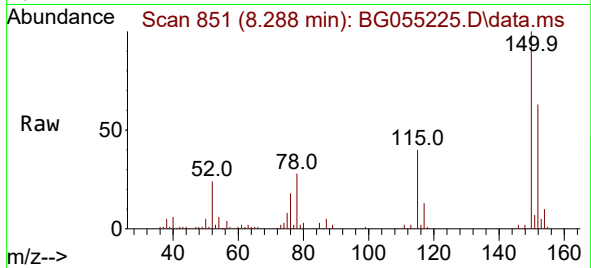
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.288 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BG055225.D
 Acq: 20 Oct 2022 18:32

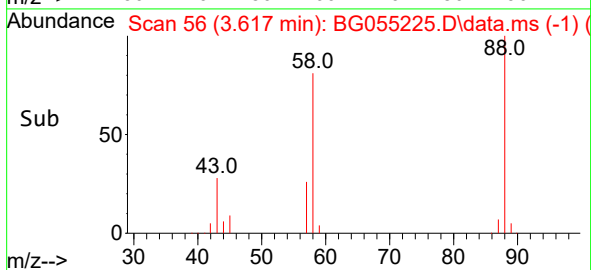
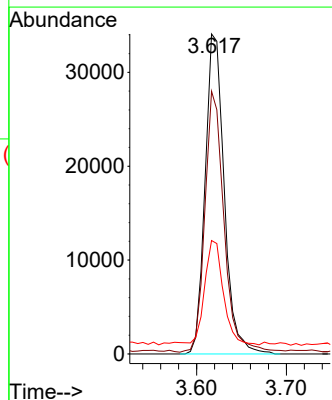
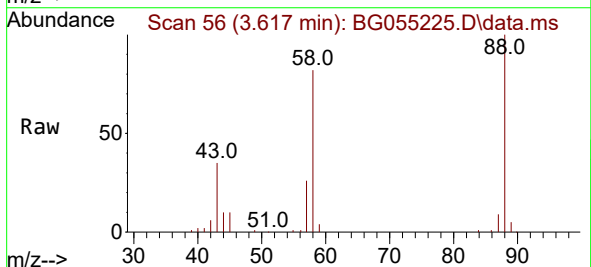
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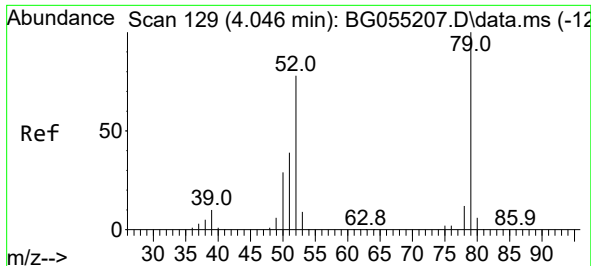
Tgt Ion:152 Resp: 50214
 Ion Ratio Lower Upper
 152 100
 150 159.0 130.2 195.2
 115 64.1 50.0 75.0



#2
 1,4-Dioxane
 Concen: 37.135 ng
 RT: 3.617 min Scan# 56
 Delta R.T. -0.012 min
 Lab File: BG055225.D
 Acq: 20 Oct 2022 18:32

Tgt Ion: 88 Resp: 50403
 Ion Ratio Lower Upper
 88 100
 58 81.5 63.9 95.9
 43 31.8 26.0 39.0

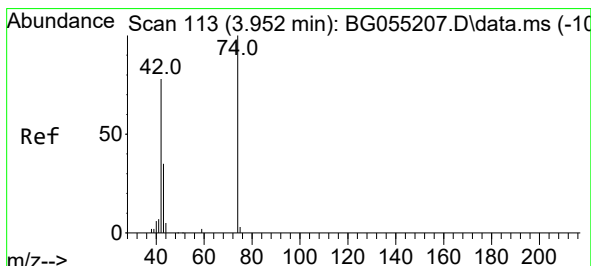
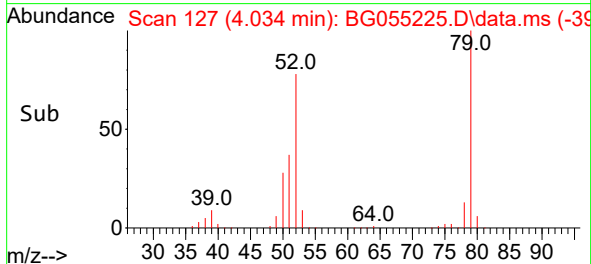
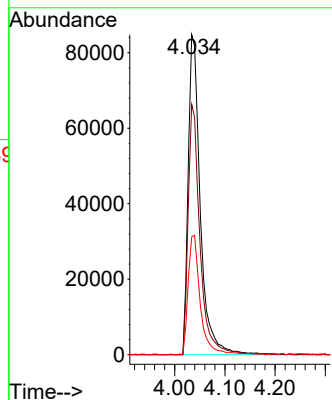
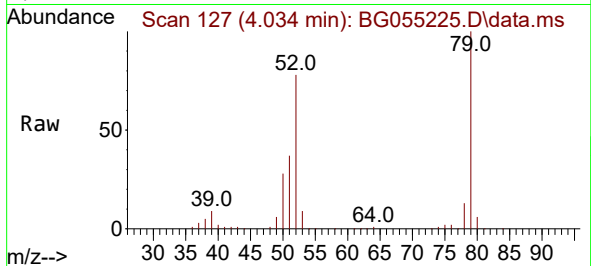




#3
Pyridine
Concen: 33.426 ng
RT: 4.034 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

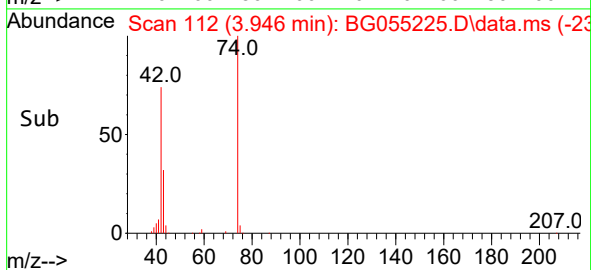
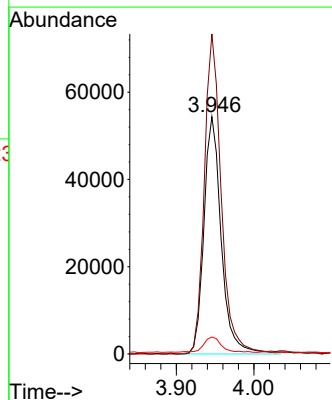
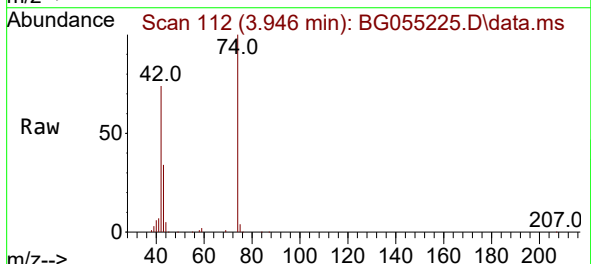
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ClientSampleId :
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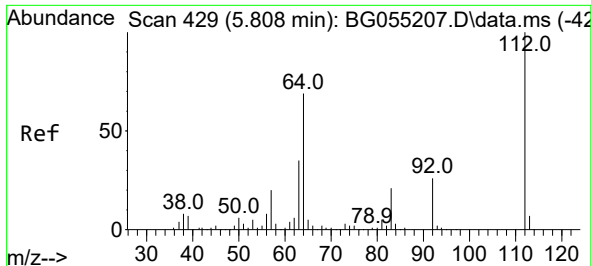
Tgt Ion: 79 Resp: 142861
Ion Ratio Lower Upper
79 100
52 78.2 62.7 94.1
51 36.8 31.4 47.0



#4
n-Nitrosodimethylamine
Concen: 42.174 ng
RT: 3.946 min Scan# 112
Delta R.T. -0.006 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

Tgt Ion: 42 Resp: 84348
Ion Ratio Lower Upper
42 100
74 134.8 102.7 154.1
44 7.2 5.4 8.2

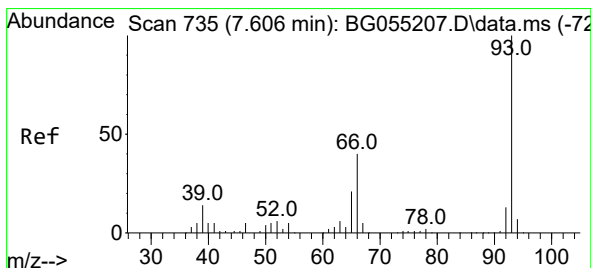
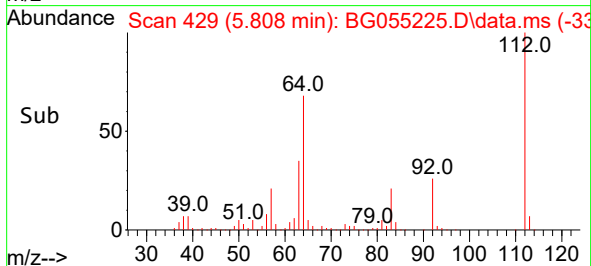
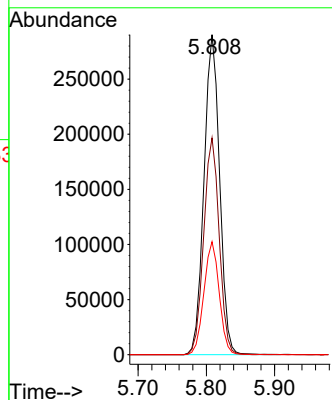
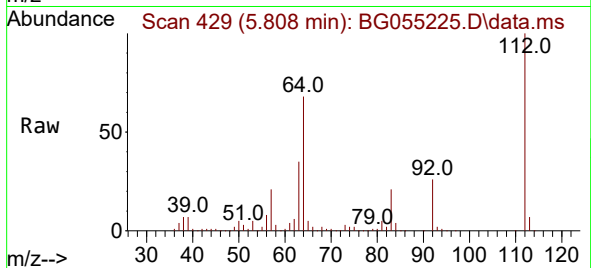




#5
2-Fluorophenol
Concen: 165.449 ng
RT: 5.808 min Scan# 41
Delta R.T. 0.000 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

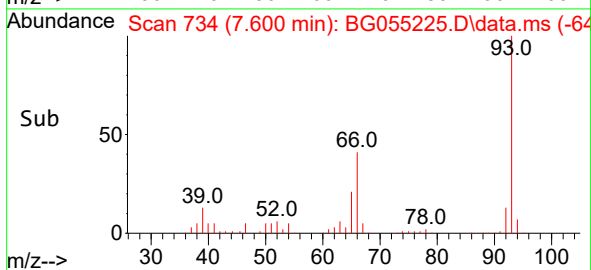
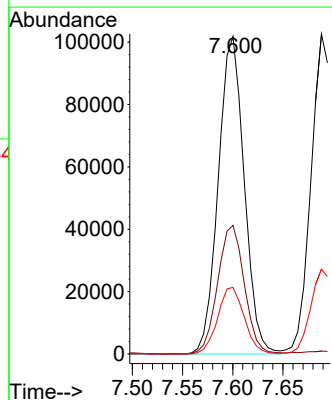
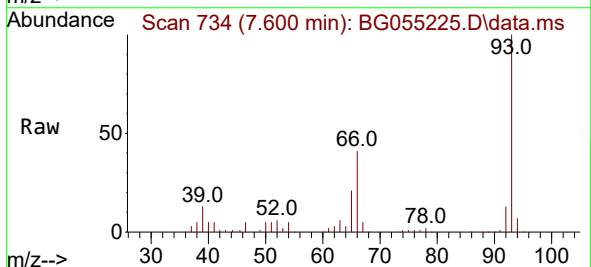
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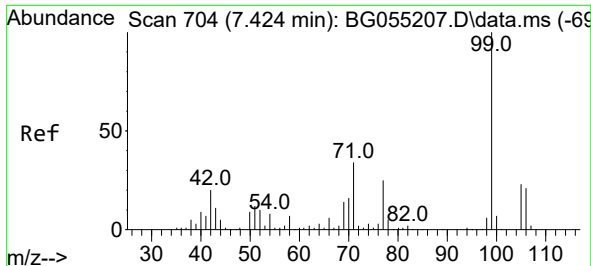
Tgt Ion:112 Resp: 461767
Ion Ratio Lower Upper
112 100
64 67.8 55.1 82.7
63 35.3 27.8 41.6



#6
Aniline
Concen: 33.125 ng
RT: 7.600 min Scan# 734
Delta R.T. -0.006 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

Tgt Ion: 93 Resp: 182636
Ion Ratio Lower Upper
93 100
66 40.5 32.3 48.5
65 21.0 16.9 25.3

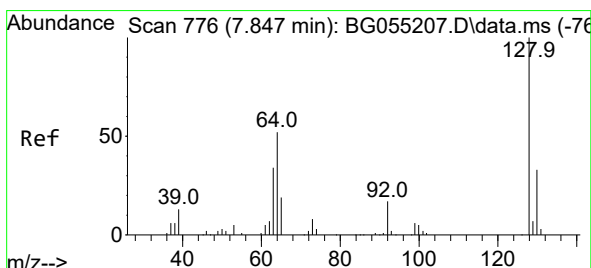
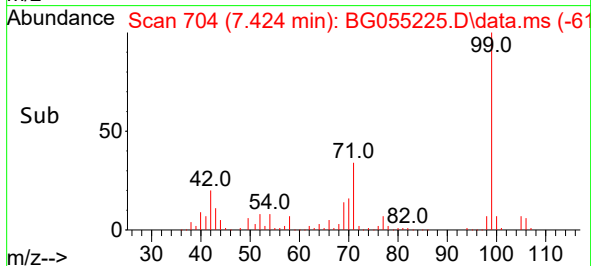
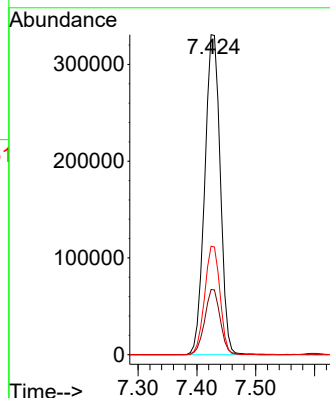
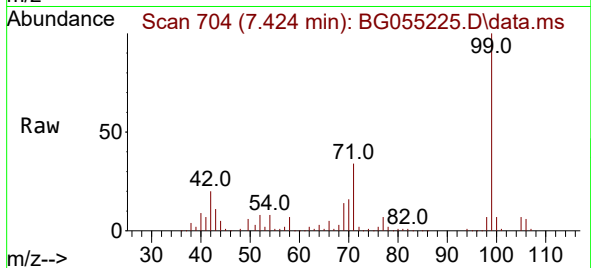




#7
Phenol-d6
Concen: 142.555 ng
RT: 7.424 min Scan# 704
Delta R.T. -0.000 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

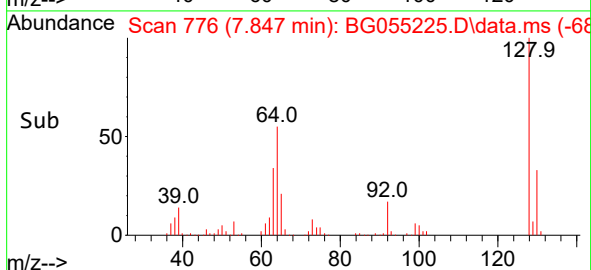
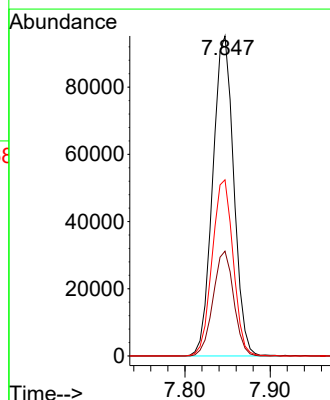
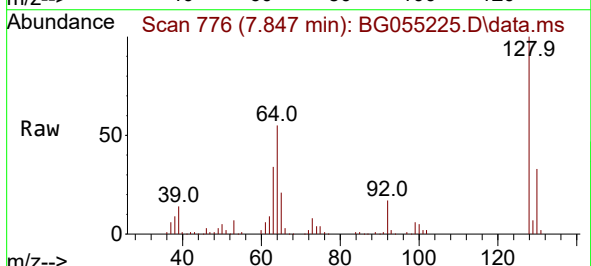
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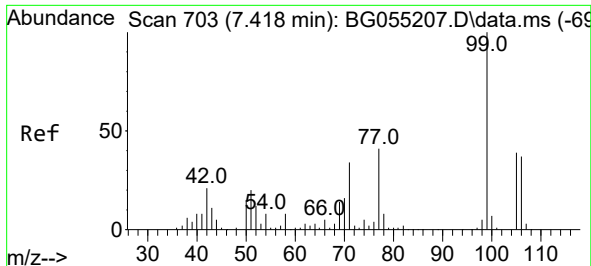
Tgt Ion: 99 Resp: 606269
Ion Ratio Lower Upper
99 100
42 20.3 16.2 24.4
71 33.9 27.3 40.9



#8
2-Chlorophenol
Concen: 48.350 ng
RT: 7.847 min Scan# 776
Delta R.T. -0.000 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

Tgt Ion: 128 Resp: 163154
Ion Ratio Lower Upper
128 100
130 32.8 12.6 52.6
64 55.0 36.2 76.2

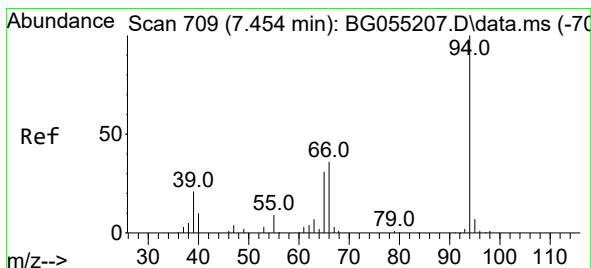
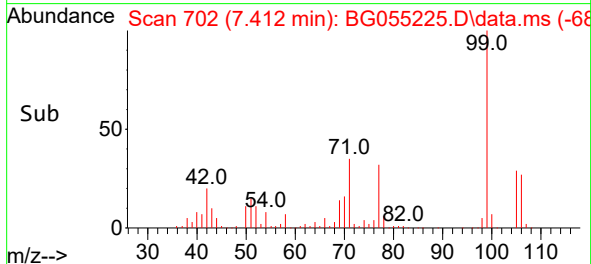
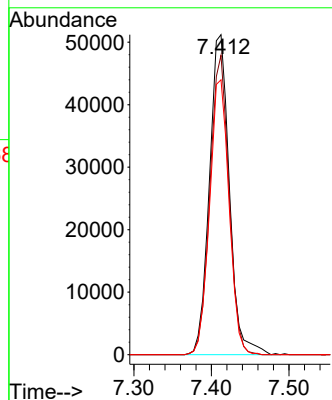
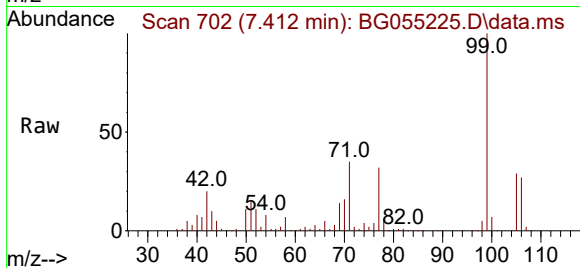




#9
Benzaldehyde
Concen: 31.007 ng
RT: 7.412 min Scan# 702
Delta R.T. -0.006 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

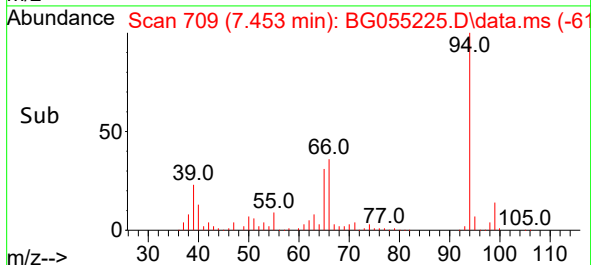
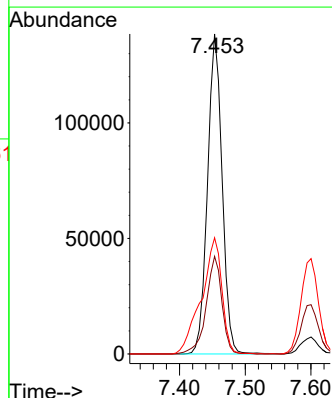
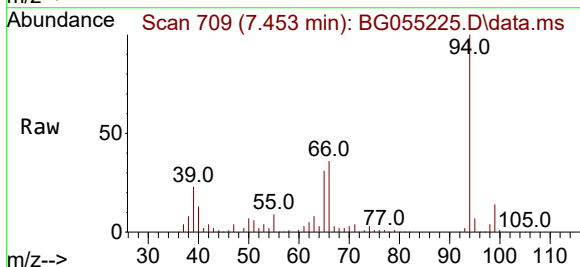
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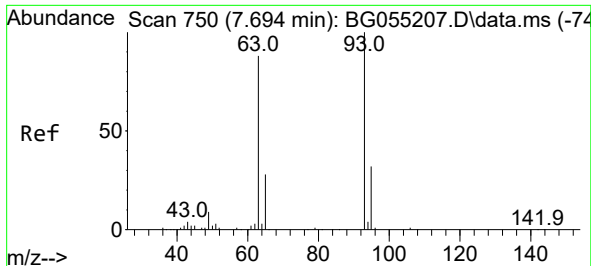
Tgt Ion: 77 Resp: 91667
Ion Ratio Lower Upper
77 100
105 93.5 74.9 114.9
106 85.9 69.5 109.5



#10
Phenol
Concen: 44.643 ng
RT: 7.453 min Scan# 709
Delta R.T. -0.000 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

Tgt Ion: 94 Resp: 214494
Ion Ratio Lower Upper
94 100
65 30.5 11.0 51.0
66 36.3 17.4 57.4

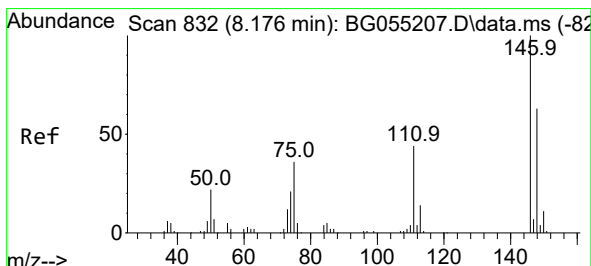
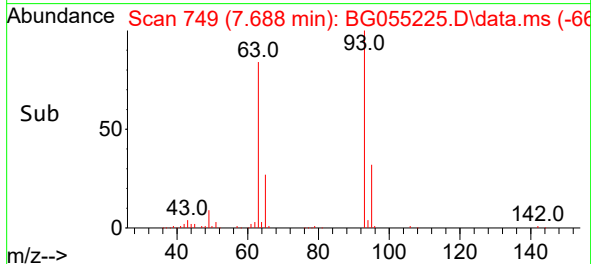
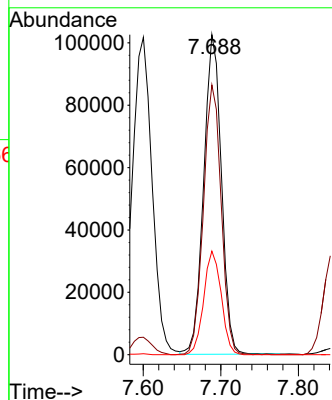
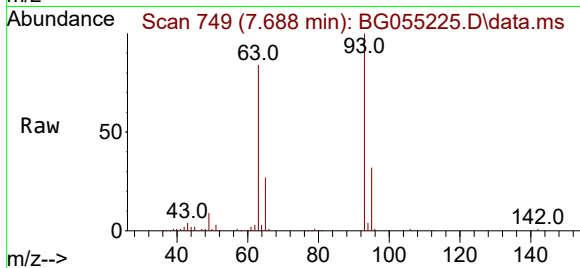




#11
bis(2-Chloroethyl)ether
Concen: 43.895 ng
RT: 7.688 min Scan# 749
Delta R.T. -0.006 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

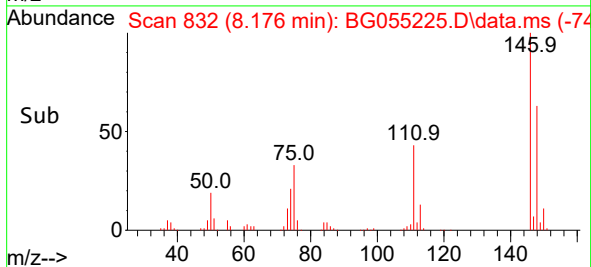
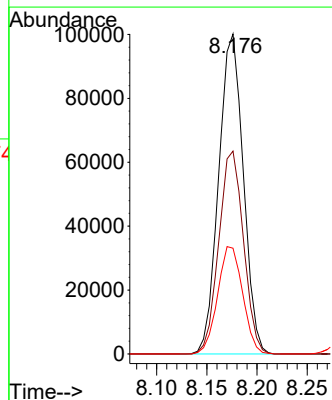
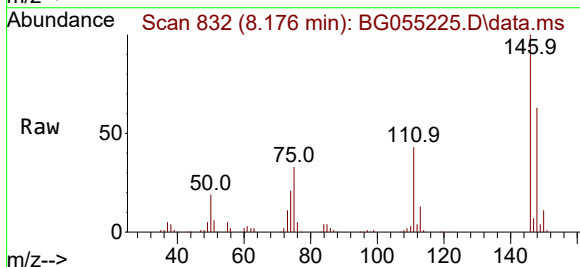
Instrument :
BNA_G
ClientSampleId :
PB148458BS

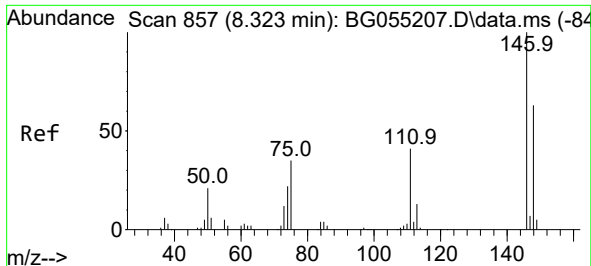
Tgt Ion: 93 Resp: 162382
Ion Ratio Lower Upper
93 100
63 84.3 67.0 107.0
95 32.4 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 46.580 ng
RT: 8.176 min Scan# 832
Delta R.T. -0.000 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

Tgt Ion: 146 Resp: 170505
Ion Ratio Lower Upper
146 100
148 63.4 50.4 75.6
75 33.1 28.4 42.6





#13

1,4-Dichlorobenzene

Concen: 45.507 ng

RT: 8.323 min Scan# 8

Delta R.T. -0.000 min

Lab File: BG055225.D

Acq: 20 Oct 2022 18:32

Instrument :

BNA_G

ClientSampleId :

PB148458BS

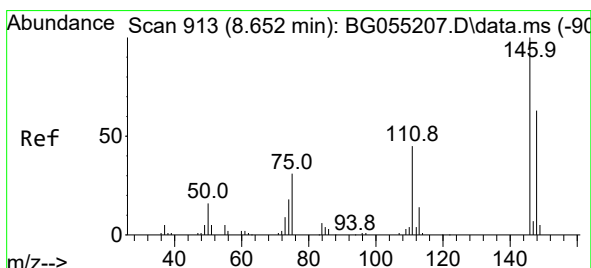
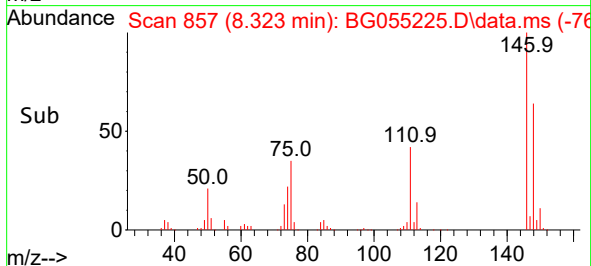
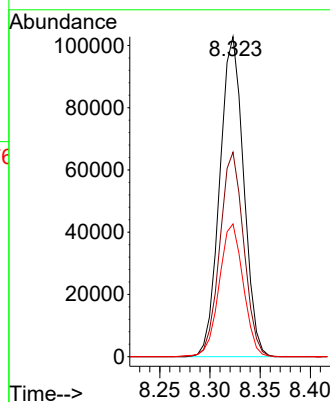
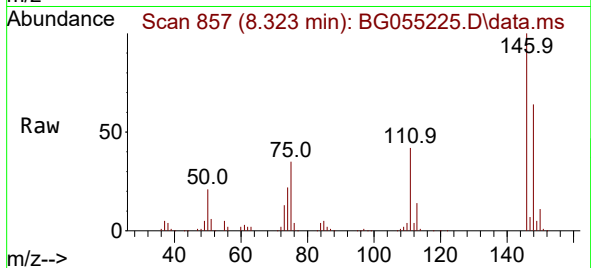
Tgt Ion:146 Resp: 170159

Ion Ratio Lower Upper

146 100

148 63.9 50.4 75.6

111 41.5 32.9 49.3



#14

1,2-Dichlorobenzene

Concen: 46.808 ng

RT: 8.646 min Scan# 912

Delta R.T. -0.006 min

Lab File: BG055225.D

Acq: 20 Oct 2022 18:32

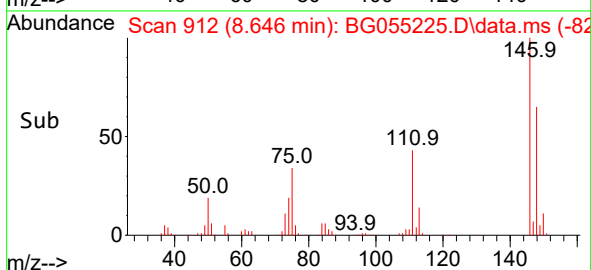
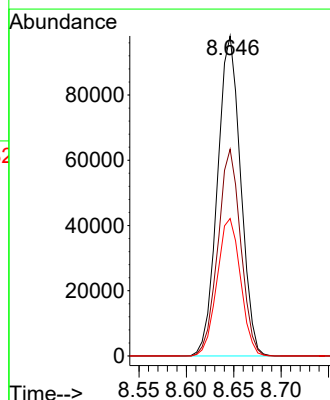
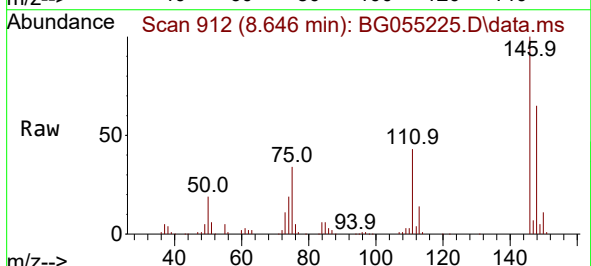
Tgt Ion:146 Resp: 166768

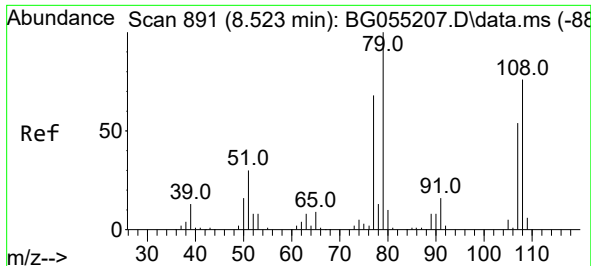
Ion Ratio Lower Upper

146 100

148 64.6 50.0 75.0

111 43.0 36.4 54.6

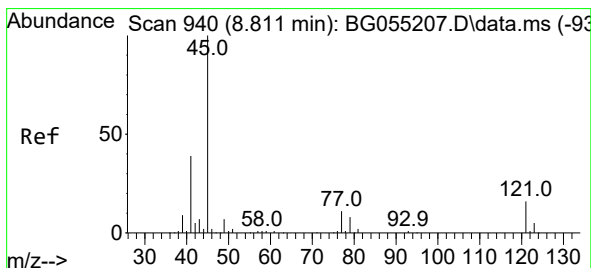
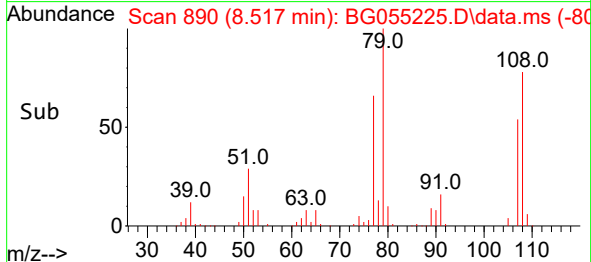
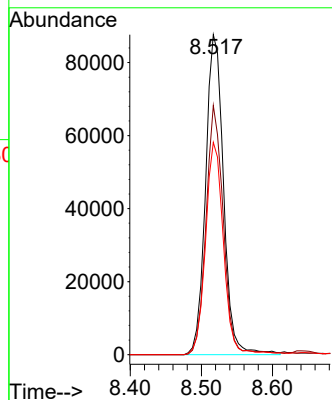
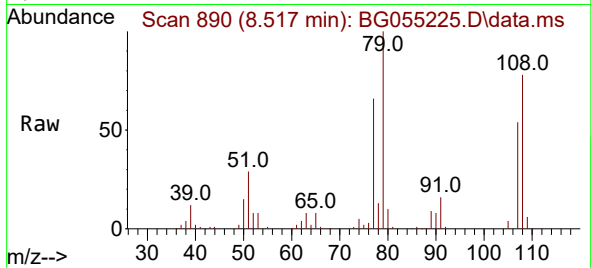




#15
Benzyl Alcohol
Concen: 42.206 ng
RT: 8.517 min Scan# 891
Delta R.T. -0.006 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

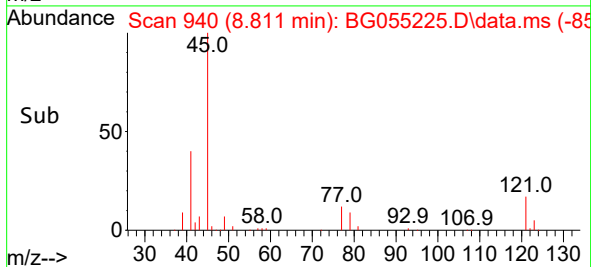
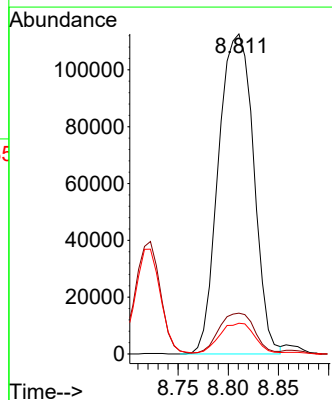
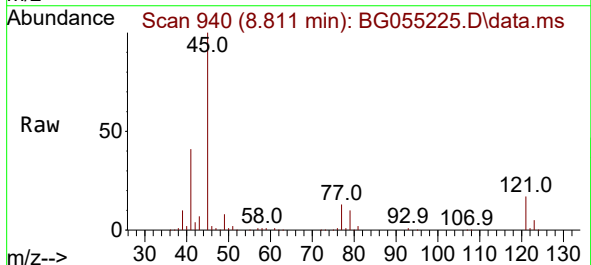
Instrument :
BNA_G
ClientSampleId :
PB148458BS

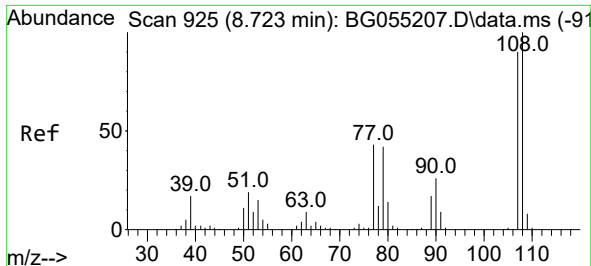
Tgt Ion: 79 Resp: 154159
Ion Ratio Lower Upper
79 100
108 77.9 61.0 91.6
77 66.4 54.7 82.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.034 ng
RT: 8.811 min Scan# 940
Delta R.T. -0.000 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

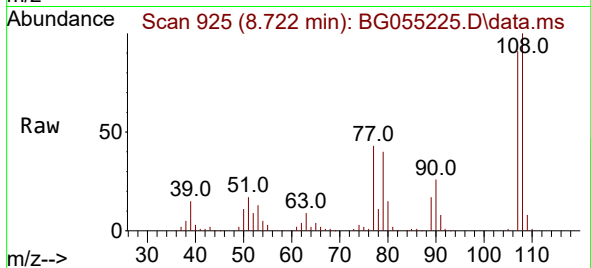
Tgt Ion: 45 Resp: 273578
Ion Ratio Lower Upper
45 100
77 12.8 0.0 31.9
79 9.6 0.0 28.8



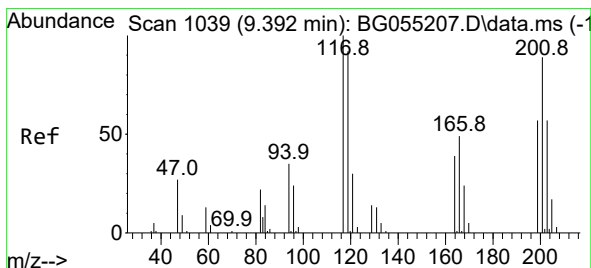
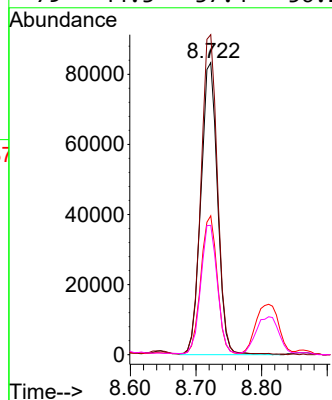
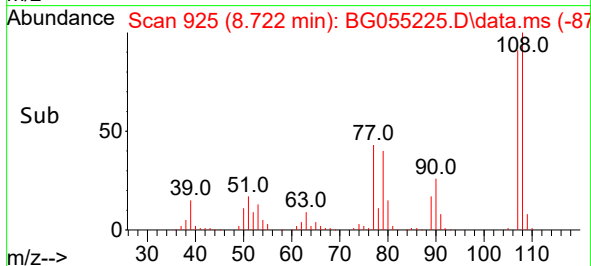


#17
2-Methylphenol
Concen: 44.168 ng
RT: 8.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

Instrument :
BNA_G
ClientSampleId :
PB148458BS

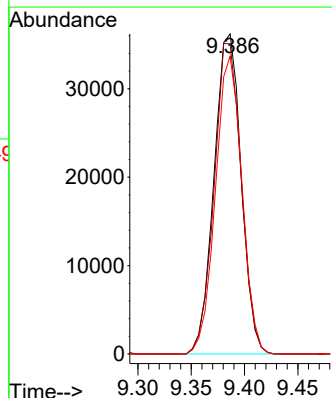
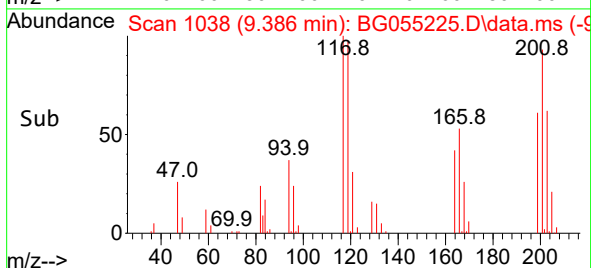
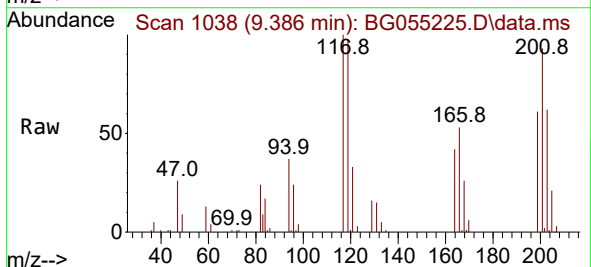


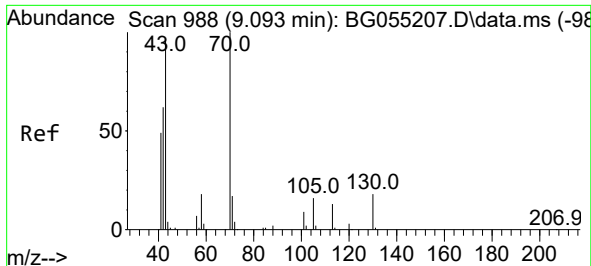
Tgt Ion:	107	Resp:	146895
Ion	Ratio	Lower	Upper
107	100		
108	109.6	88.8	133.2
77	47.6	38.6	57.8
79	44.3	37.4	56.2



#18
Hexachloroethane
Concen: 47.302 ng
RT: 9.386 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

Tgt Ion:	117	Resp:	64021
Ion	Ratio	Lower	Upper
117	100		
119	96.9	74.0	111.0
201	95.5	71.3	106.9





#19
n-Nitroso-di-n-propylamine
Concen: 38.493 ng
RT: 9.093 min Scan# 988
Delta R.T. -0.000 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

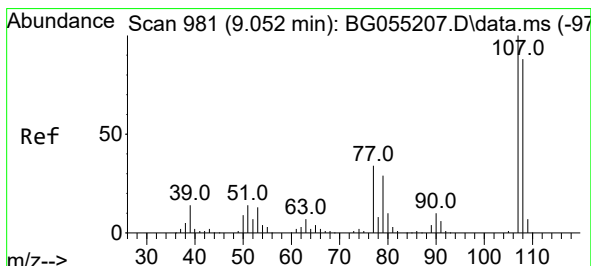
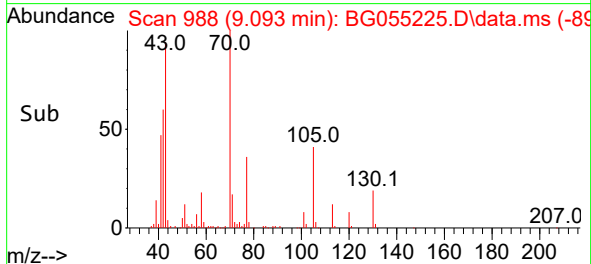
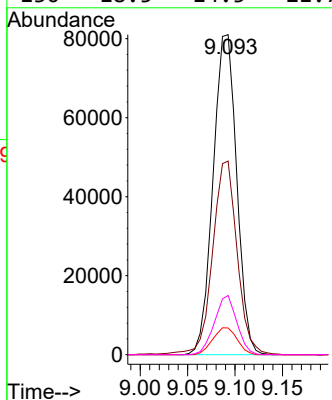
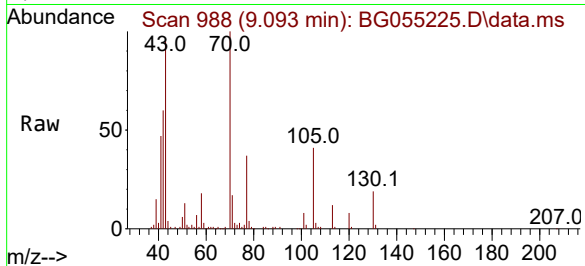
Instrument :

BNA_G

ClientSampleId :

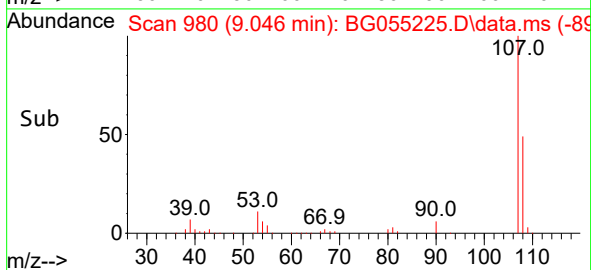
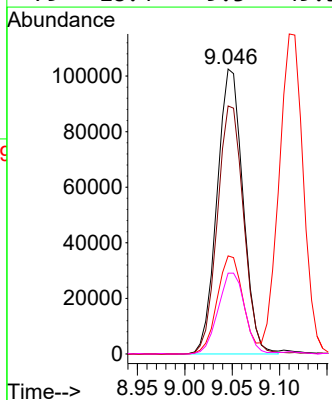
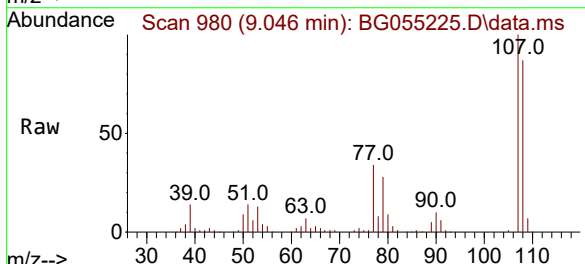
PB148458BS

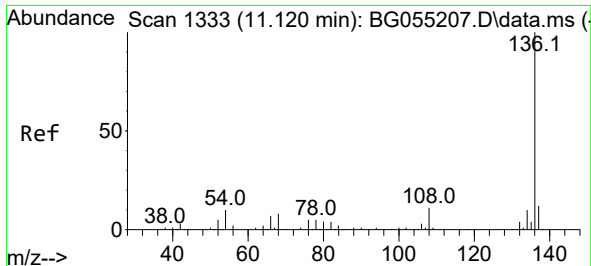
Tgt Ion:	70	Resp:	140406
Ion	Ratio	Lower	Upper
70	100		
42	60.5	50.8	76.2
101	8.4	7.0	10.6
130	18.5	14.5	21.7



#20
3+4-Methylphenols
Concen: 41.823 ng
RT: 9.046 min Scan# 980
Delta R.T. -0.006 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

Tgt Ion:	107	Resp:	195507
Ion	Ratio	Lower	Upper
107	100		
108	87.0	67.5	107.5
77	34.4	14.4	54.4
79	28.4	9.3	49.3

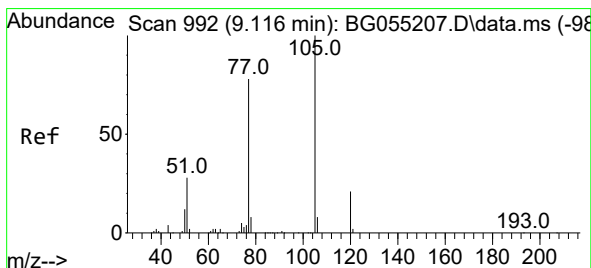
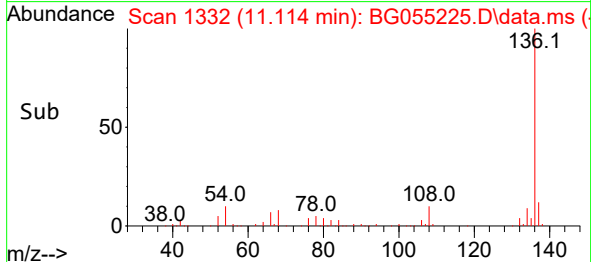
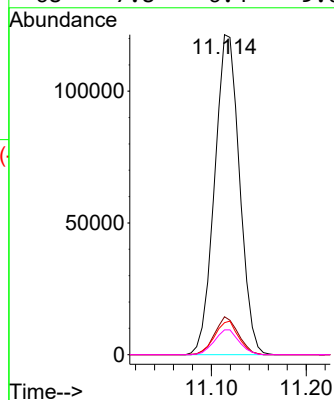
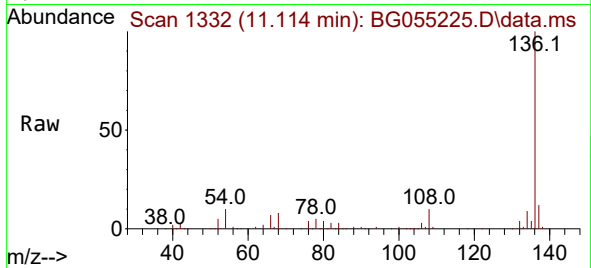




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.114 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

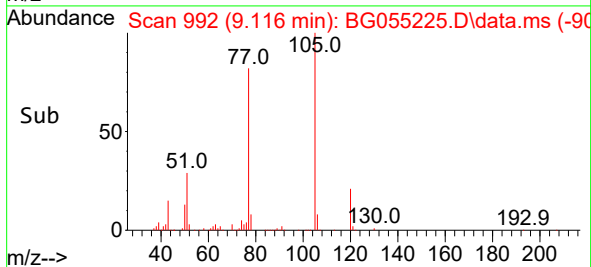
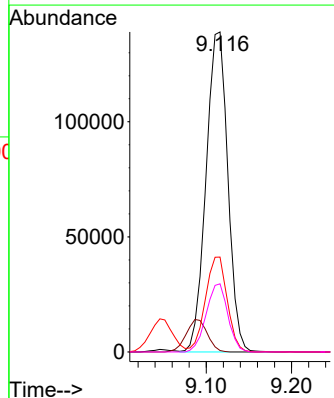
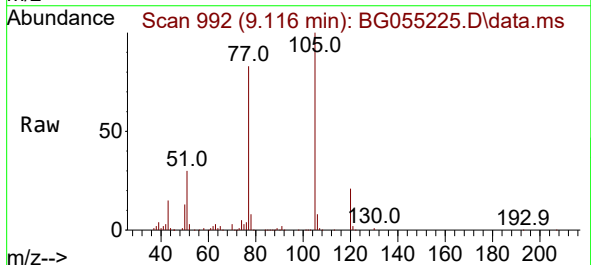
Instrument :
BNA_G
ClientSampleId :
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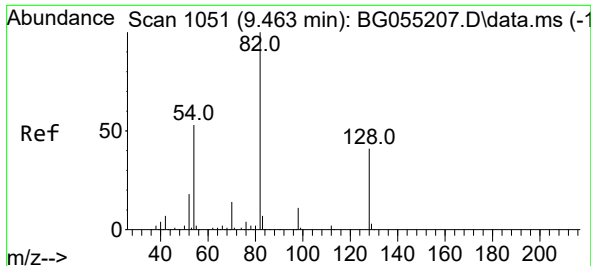
Tgt Ion:136 Resp: 221734
Ion Ratio Lower Upper
136 100
137 11.9 9.3 13.9
54 10.0 8.2 12.4
68 7.8 6.4 9.6



#22
Acetophenone
Concen: 41.246 ng
RT: 9.116 min Scan# 992
Delta R.T. -0.000 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

Tgt Ion:105 Resp: 247384
Ion Ratio Lower Upper
105 100
71 0.5 1.0 1.4#
51 29.7 24.0 36.0
120 21.3 16.6 25.0

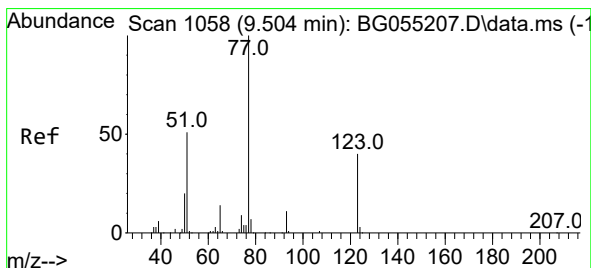
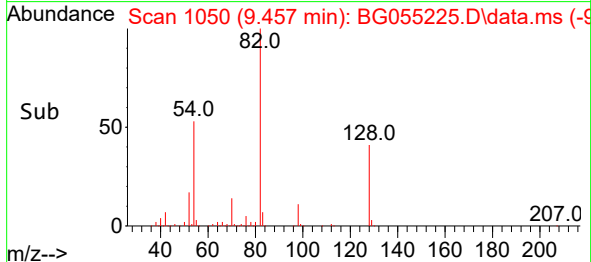
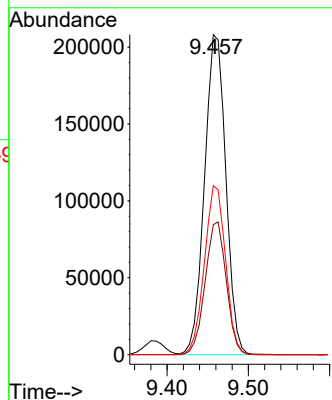
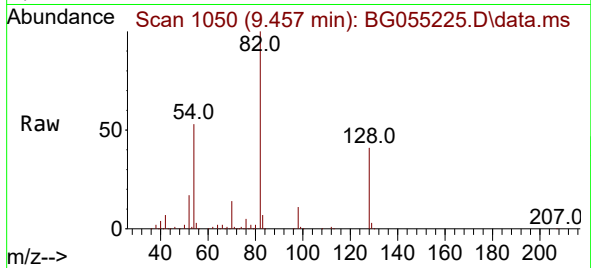




#23
Nitrobenzene-d5
Concen: 82.604 ng
RT: 9.457 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

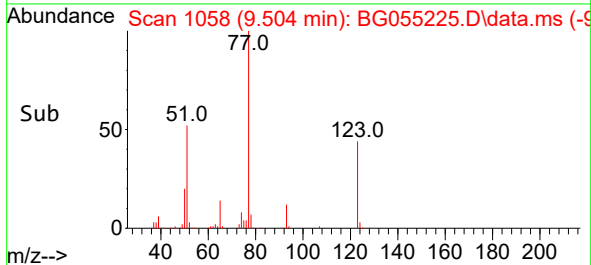
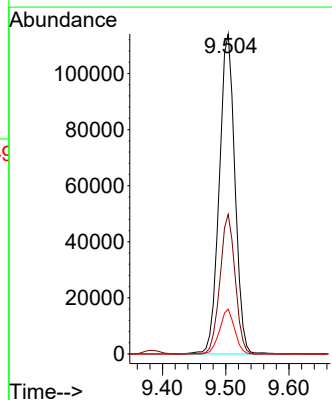
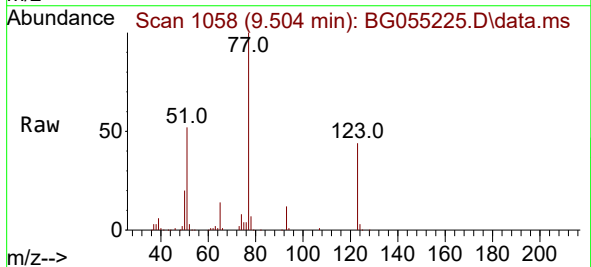
Instrument :
BNA_G
ClientSampleId :
PB148458BS

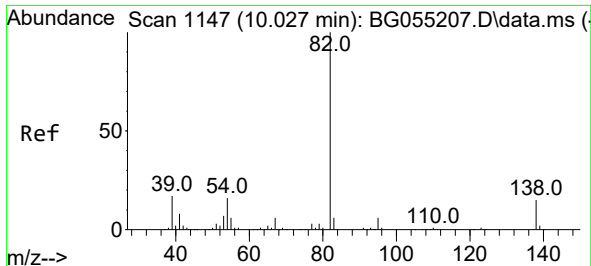
Tgt Ion: 82 Resp: 379390
Ion Ratio Lower Upper
82 100
128 40.6 32.3 48.5
54 52.8 42.6 63.8



#24
Nitrobenzene
Concen: 40.017 ng
RT: 9.504 min Scan# 1058
Delta R.T. -0.000 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

Tgt Ion: 77 Resp: 196531
Ion Ratio Lower Upper
77 100
123 43.7 31.8 47.8
65 14.0 11.1 16.7

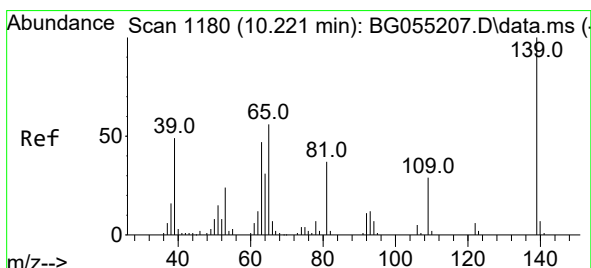
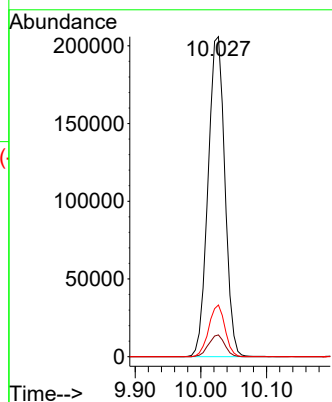
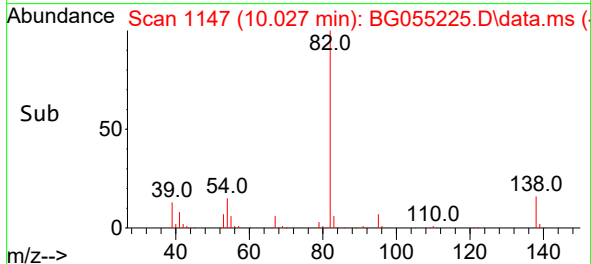
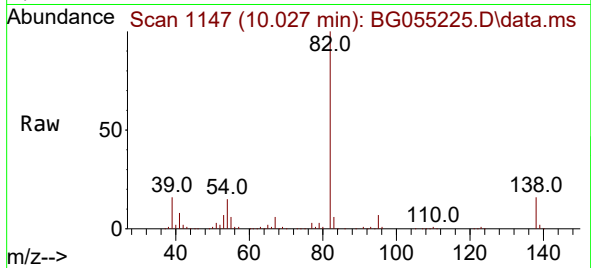




#25
Isophorone
Concen: 39.036 ng
RT: 10.027 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

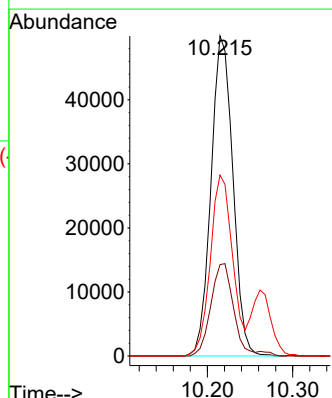
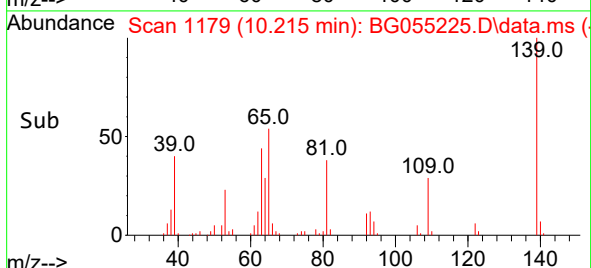
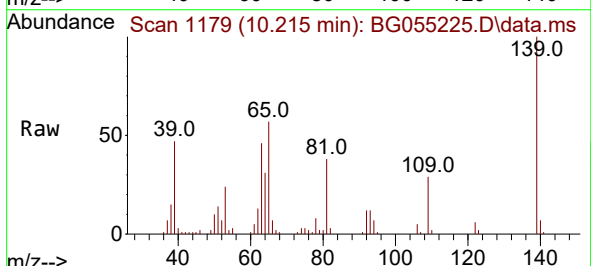
Instrument :
BNA_G
ClientSampleId :
PB148458BS

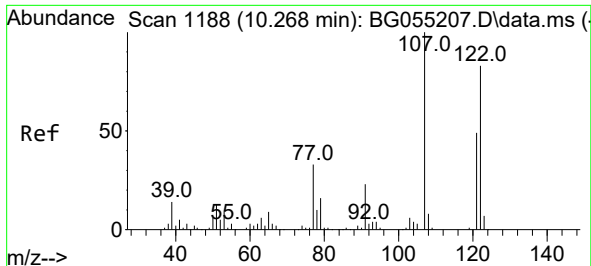
Tgt Ion: 82 Resp: 366809
Ion Ratio Lower Upper
82 100
95 6.8 5.0 7.6
138 16.2 12.2 18.4



#26
2-Nitrophenol
Concen: 46.063 ng
RT: 10.215 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

Tgt Ion:139 Resp: 88991
Ion Ratio Lower Upper
139 100
109 28.5 23.1 34.7
65 56.6 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 51.968 ng

RT: 10.262 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BG055225.D

Acq: 20 Oct 2022 18:32

Instrument :

BNA_G

ClientSampleId :

PB148458BS

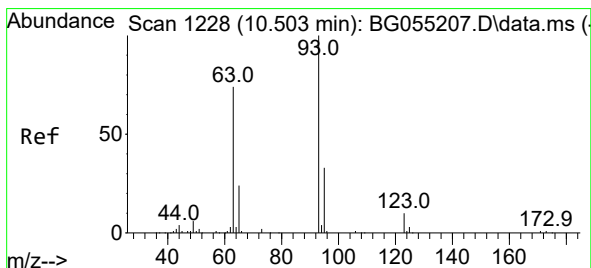
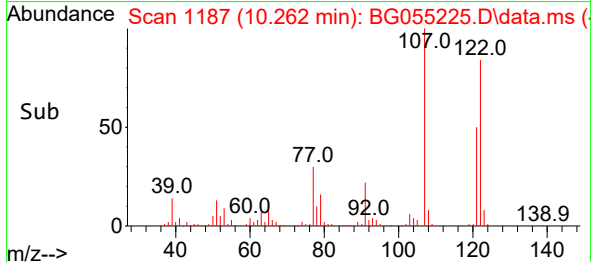
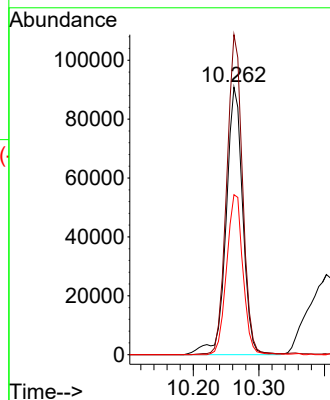
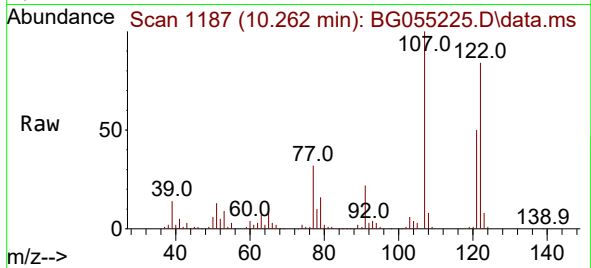
Tgt Ion:122 Resp: 159880

Ion Ratio Lower Upper

122 100

107 119.6 96.9 145.3

121 59.8 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 48.204 ng

RT: 10.503 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BG055225.D

Acq: 20 Oct 2022 18:32

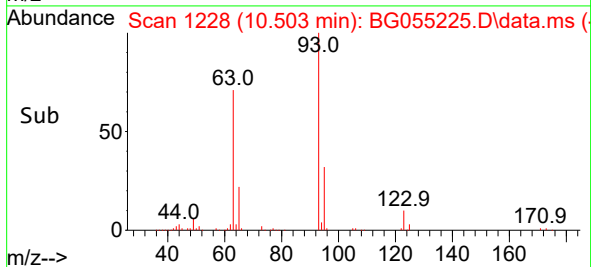
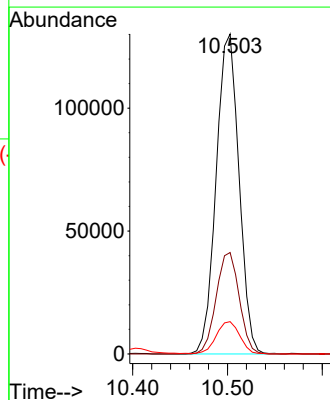
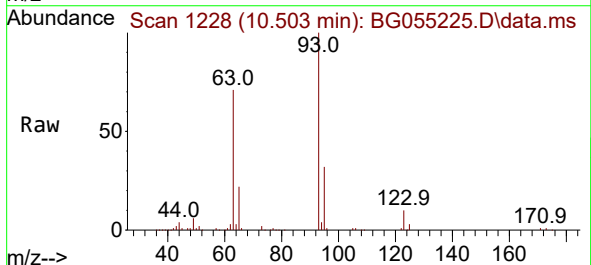
Tgt Ion: 93 Resp: 217662

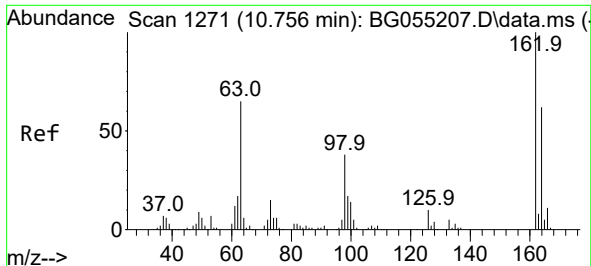
Ion Ratio Lower Upper

93 100

95 31.7 26.2 39.2

123 10.1 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 44.599 ng

RT: 10.755 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG055225.D

Acq: 20 Oct 2022 18:32

Instrument :

BNA_G

ClientSampleId :

PB148458BS

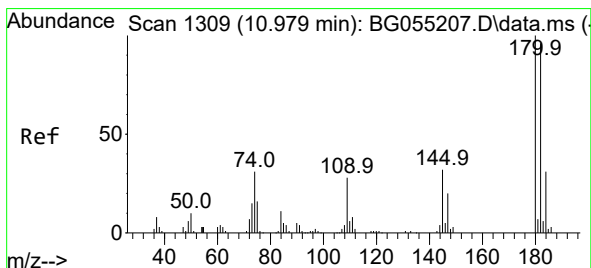
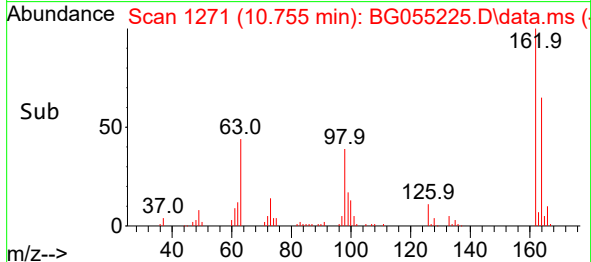
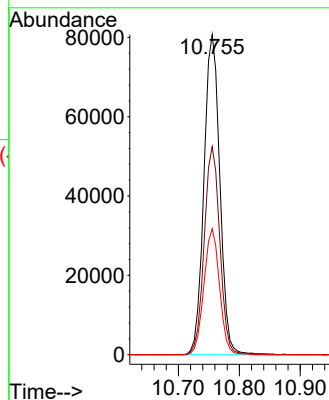
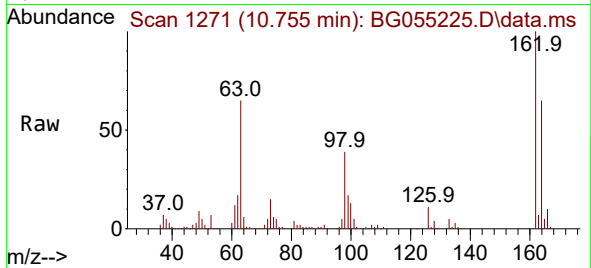
Tgt Ion:162 Resp: 146498

Ion Ratio Lower Upper

162 100

164 65.0 41.9 81.9

98 39.3 18.0 58.0



#30

1,2,4-Trichlorobenzene

Concen: 43.481 ng

RT: 10.973 min Scan# 1308

Delta R.T. -0.006 min

Lab File: BG055225.D

Acq: 20 Oct 2022 18:32

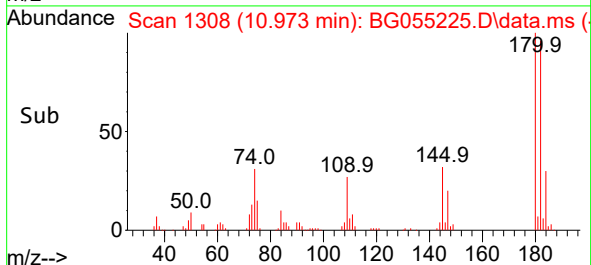
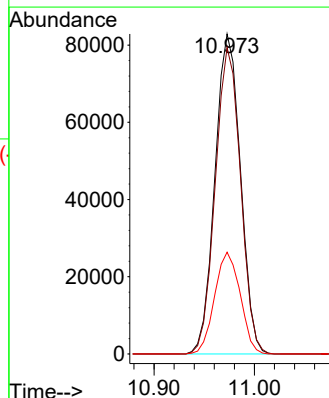
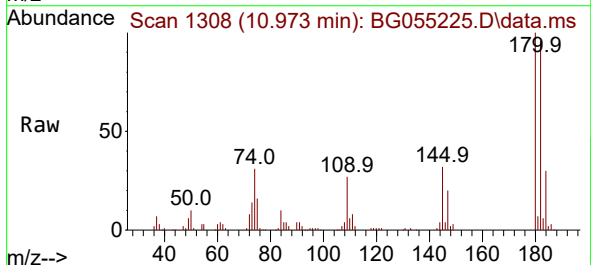
Tgt Ion:180 Resp: 146232

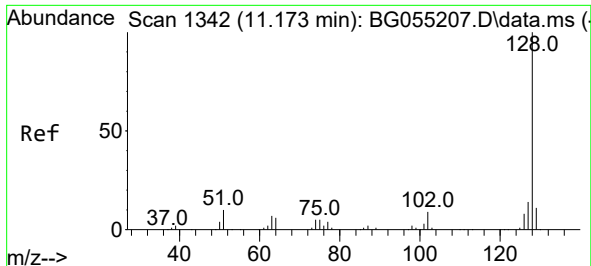
Ion Ratio Lower Upper

180 100

182 95.8 77.0 115.4

145 31.8 26.0 39.0

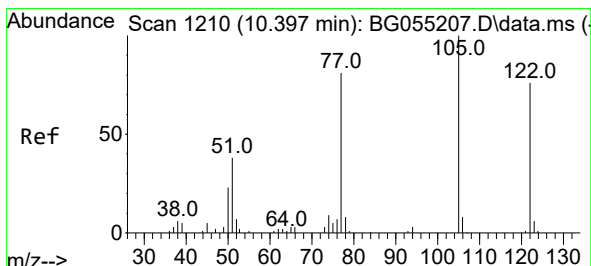
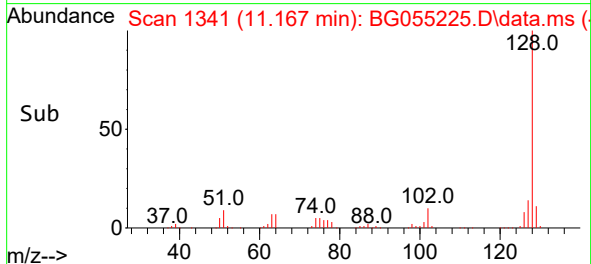
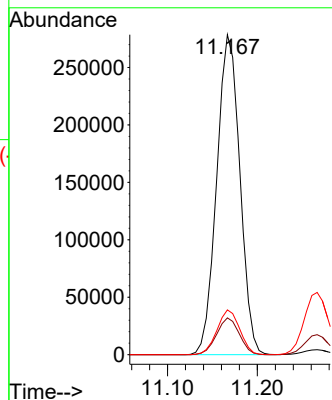
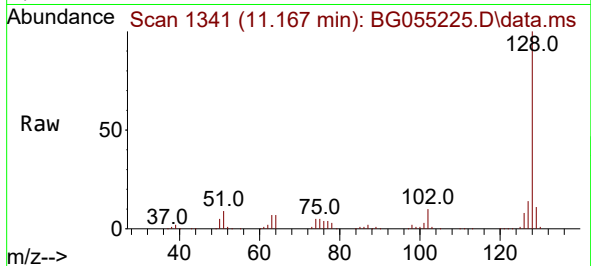




#31
Naphthalene
Concen: 42.686 ng
RT: 11.167 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

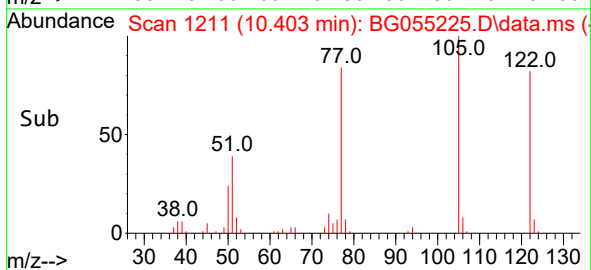
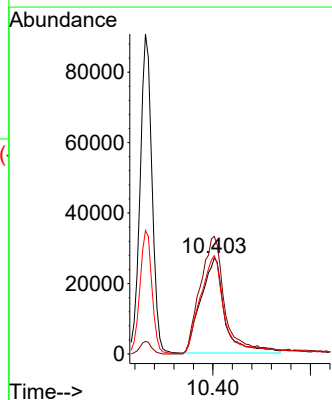
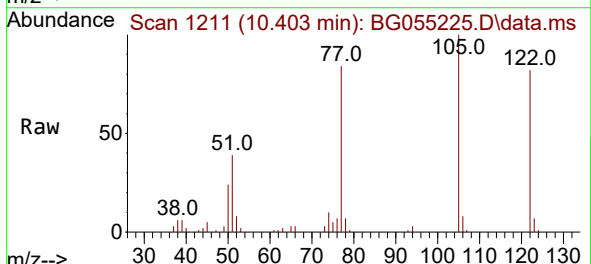
Instrument :
BNA_G
ClientSampleId :
PB148458BS

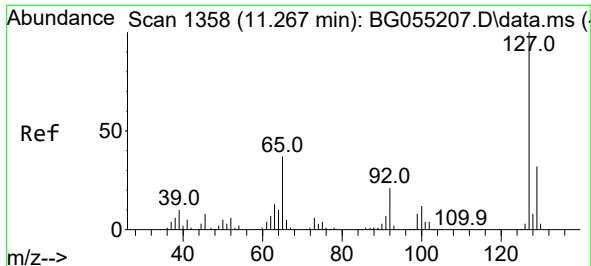
Tgt Ion:128 Resp: 499434
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 14.0 11.4 17.2



#32
Benzoic acid
Concen: 41.655 ng
RT: 10.403 min Scan# 1211
Delta R.T. 0.006 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

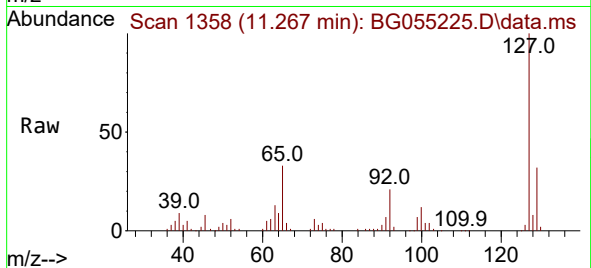
Tgt Ion:122 Resp: 91733
Ion Ratio Lower Upper
122 100
105 122.6 110.2 150.2
77 102.4 86.9 126.9



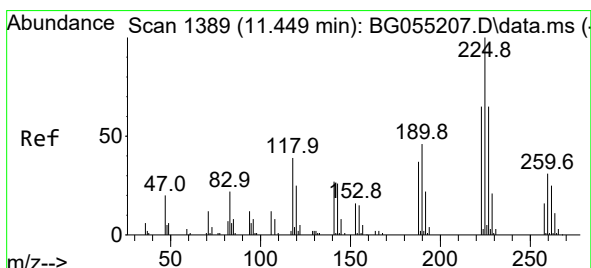
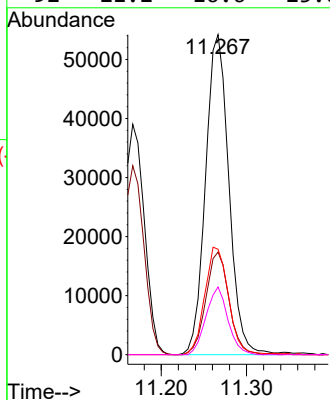
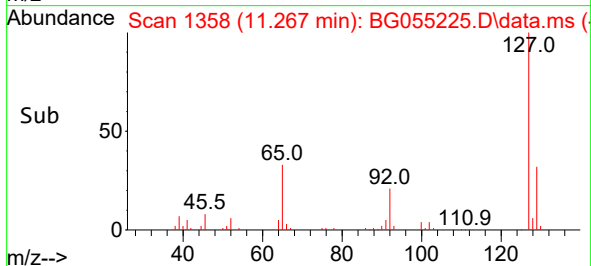


#33
4-Chloroaniline
Concen: 21.405 ng
RT: 11.267 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

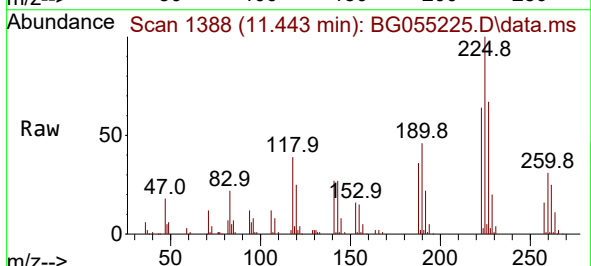
Instrument :
BNA_G
ClientSampleId :
PB148458BS



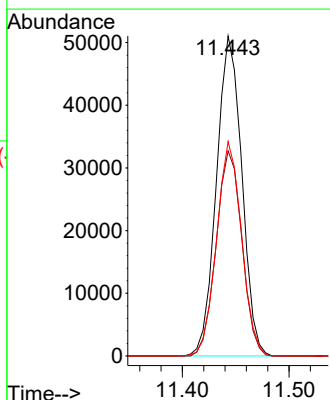
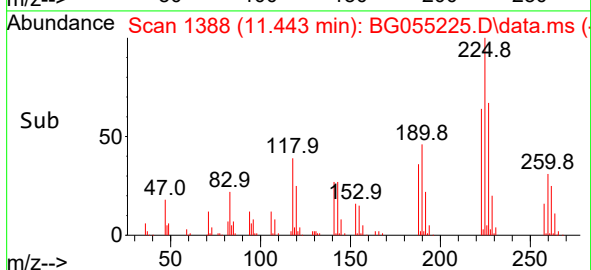
Tgt Ion:	127	Resp:	103129
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.8
65	33.0	29.4	44.2
92	21.2	16.6	25.0

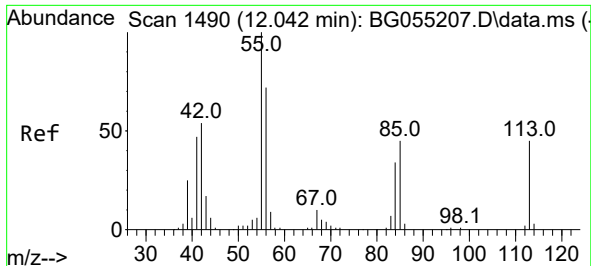


#34
Hexachlorobutadiene
Concen: 41.488 ng
RT: 11.443 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32



Tgt Ion:	225	Resp:	84254
Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.7	77.5
227	67.0	52.2	78.2

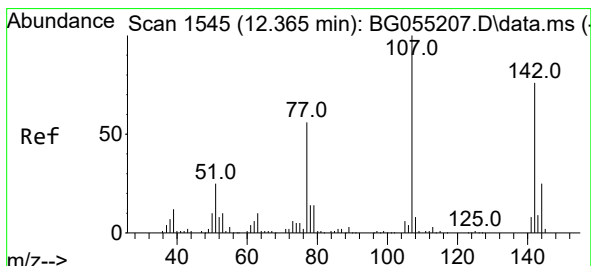
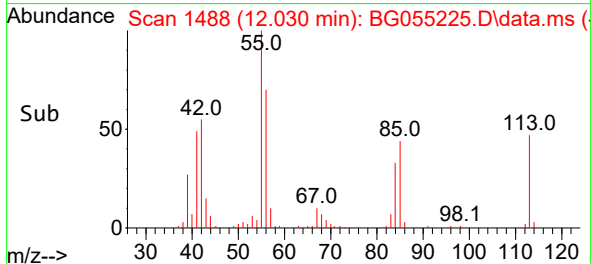
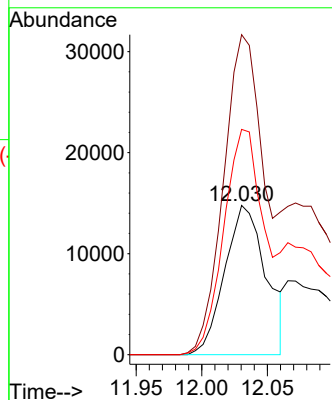
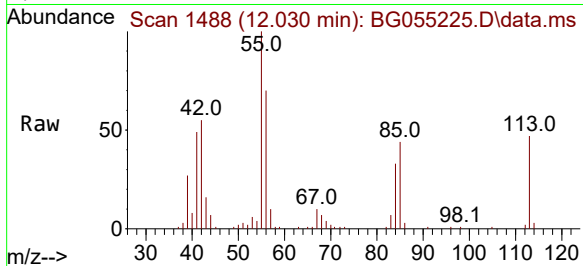




#35
 Caprolactam
 Concen: 22.450 ng
 RT: 12.030 min Scan# 1488
 Delta R.T. -0.012 min
 Lab File: BG055225.D
 Acq: 20 Oct 2022 18:32

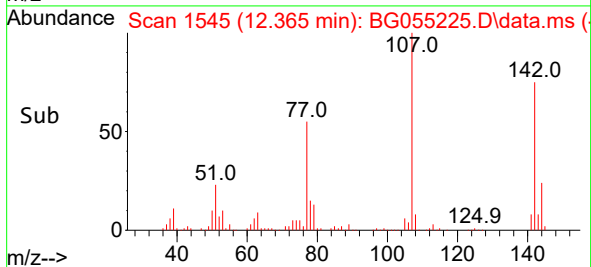
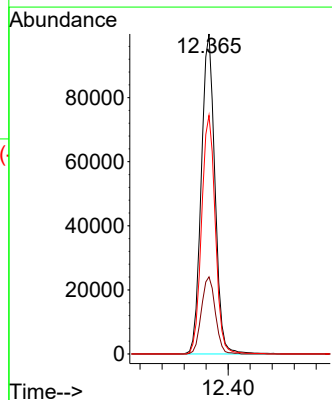
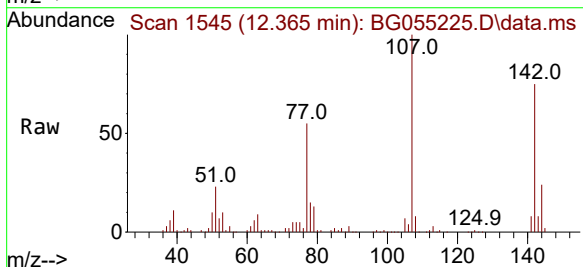
Instrument :
 BNA_G
 ClientSampleId :
 PB148458BS

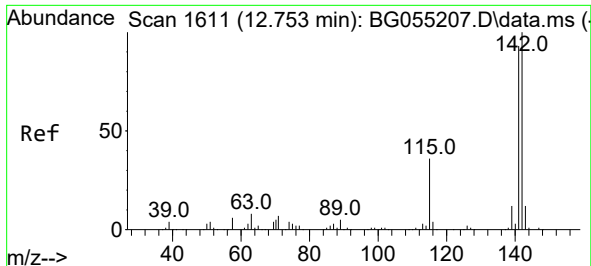
Tgt Ion:113 Resp: 32407
 Ion Ratio Lower Upper
 113 100
 55 214.4 200.5 240.5
 56 150.9 137.8 177.8



#36
 4-Chloro-3-methylphenol
 Concen: 40.142 ng
 RT: 12.365 min Scan# 1545
 Delta R.T. -0.000 min
 Lab File: BG055225.D
 Acq: 20 Oct 2022 18:32

Tgt Ion:107 Resp: 171451
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.7 29.5
 142 74.6 60.7 91.1





#37

2-Methylnaphthalene

Concen: 38.378 ng

RT: 12.747 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG055225.D

Acq: 20 Oct 2022 18:32

Instrument :

BNA_G

ClientSampleId :

PB148458BS

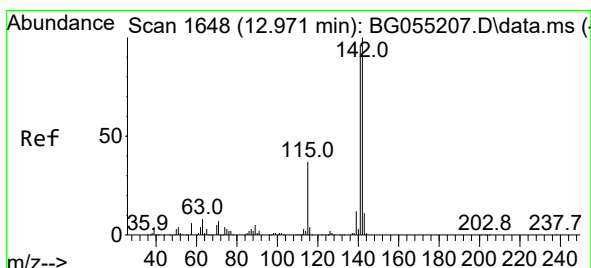
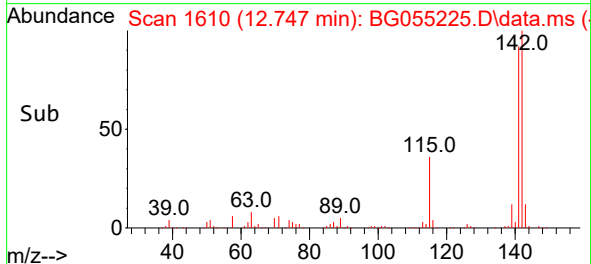
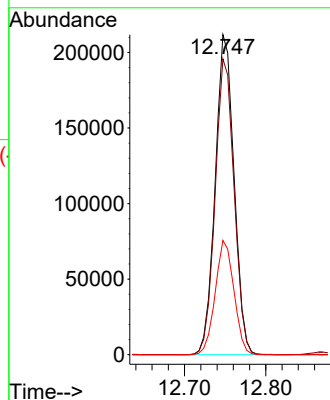
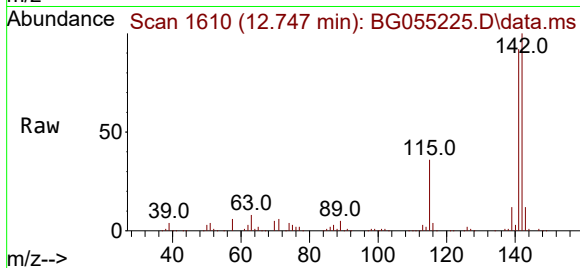
Tgt Ion:142 Resp: 341548

Ion Ratio Lower Upper

142 100

141 92.4 74.8 112.2

115 35.7 28.6 43.0



#38

1-Methylnaphthalene

Concen: 36.852 ng

RT: 12.965 min Scan# 1647

Delta R.T. -0.006 min

Lab File: BG055225.D

Acq: 20 Oct 2022 18:32

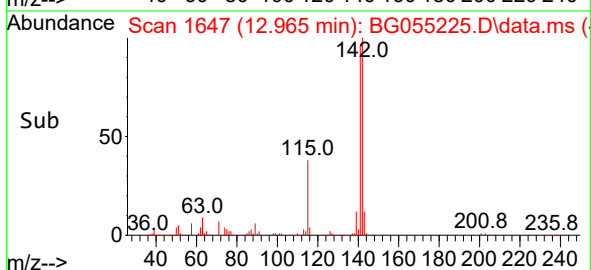
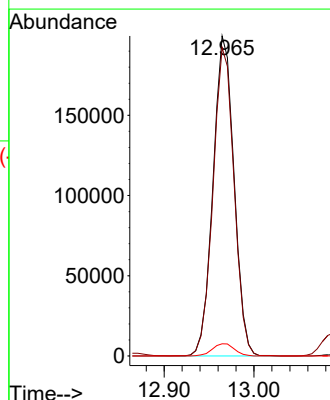
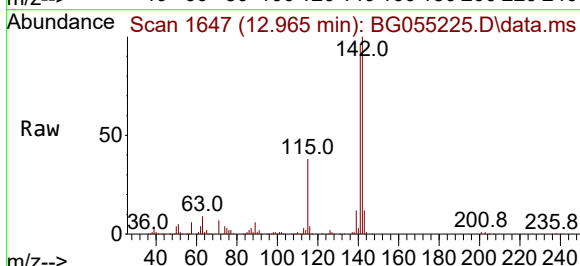
Tgt Ion:142 Resp: 323773

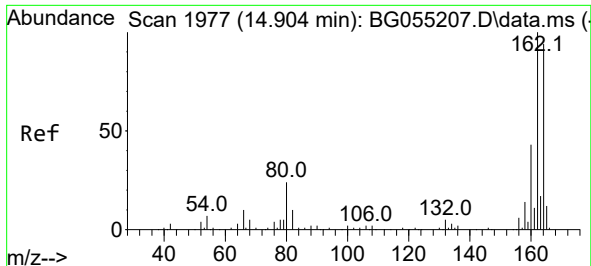
Ion Ratio Lower Upper

142 100

141 96.4 77.0 115.4

116 3.8 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.898 min Scan# 1976

Delta R.T. -0.006 min

Lab File: BG055225.D

Acq: 20 Oct 2022 18:32

Instrument :

BNA_G

ClientSampleId :

PB148458BS

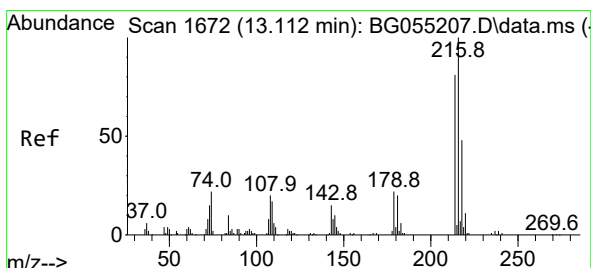
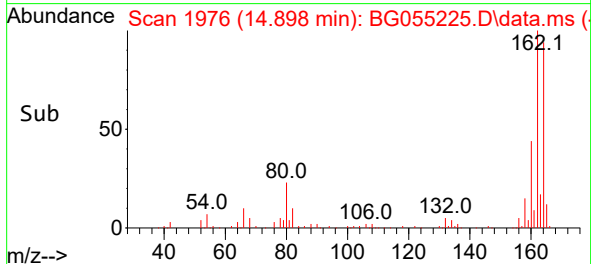
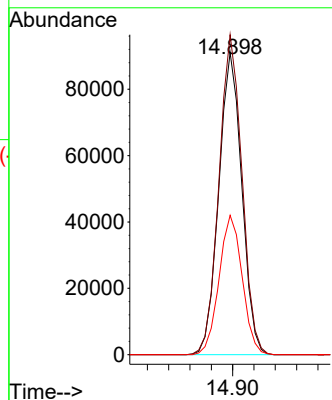
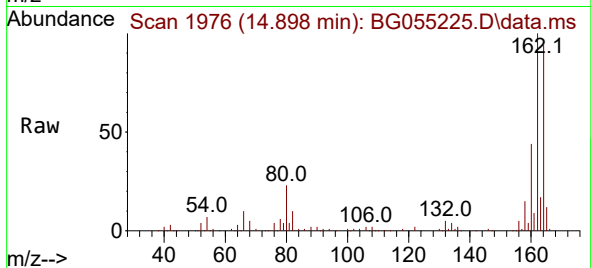
Tgt Ion:164 Resp: 136048

Ion Ratio Lower Upper

164 100

162 105.9 85.2 127.8

160 46.1 36.4 54.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.181 ng

RT: 13.111 min Scan# 1672

Delta R.T. -0.001 min

Lab File: BG055225.D

Acq: 20 Oct 2022 18:32

Tgt Ion:216 Resp: 154076

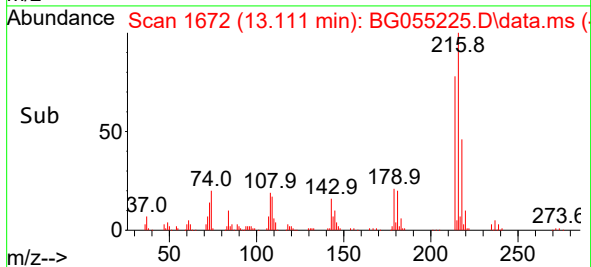
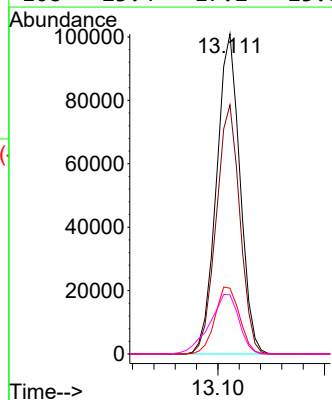
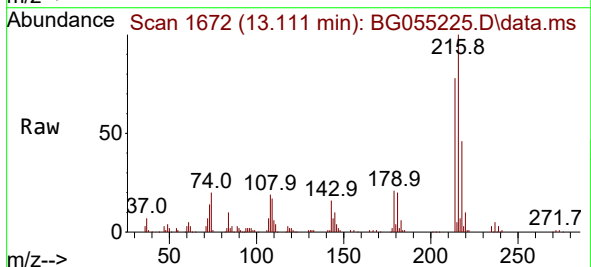
Ion Ratio Lower Upper

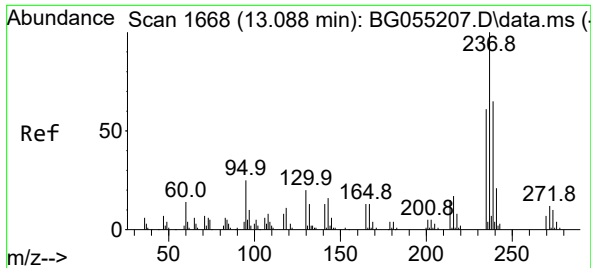
216 100

214 78.4 64.2 96.2

179 22.0 17.4 26.0

108 23.4 17.2 25.8

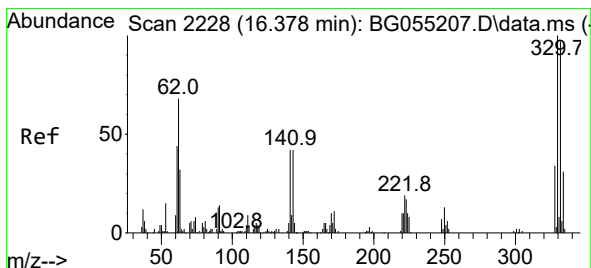
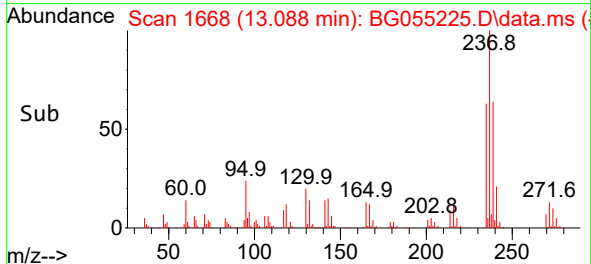
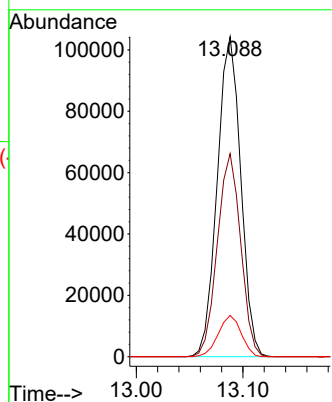
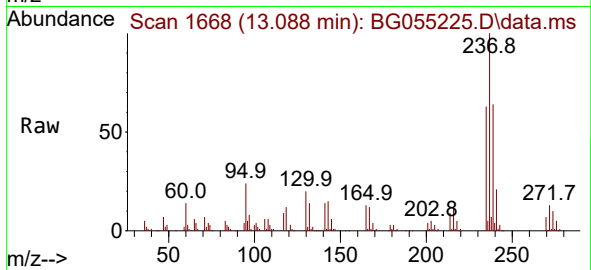




#41
Hexachlorocyclopentadiene
Concen: 109.512 ng
RT: 13.088 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

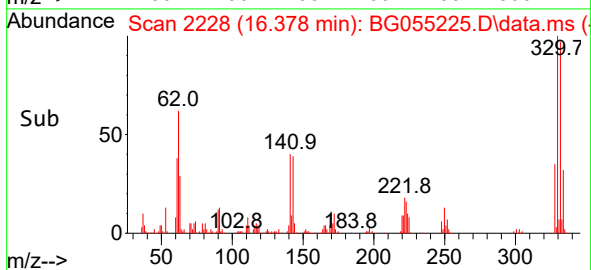
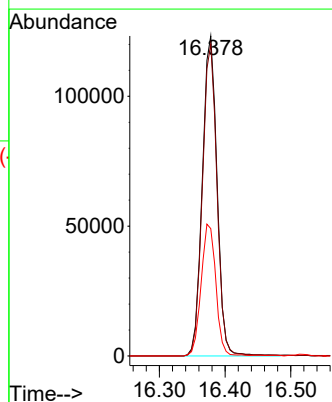
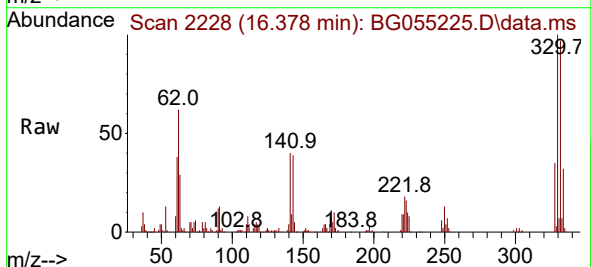
Instrument :
BNA_G
ClientSampleId :
PB148458BS

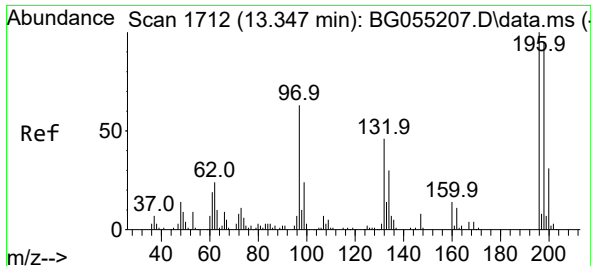
Tgt Ion:237 Resp: 159484
Ion Ratio Lower Upper
237 100
235 63.4 41.1 81.1
272 12.9 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 136.772 ng
RT: 16.378 min Scan# 2228
Delta R.T. 0.000 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

Tgt Ion:330 Resp: 192812
Ion Ratio Lower Upper
330 100
332 96.6 77.5 116.3
141 41.1 33.5 50.3





#43

2,4,6-Trichlorophenol

Concen: 44.206 ng

RT: 13.341 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG055225.D

Acq: 20 Oct 2022 18:32

Instrument :

BNA_G

ClientSampleId :

PB148458BS

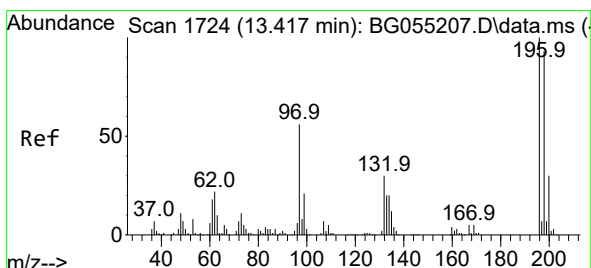
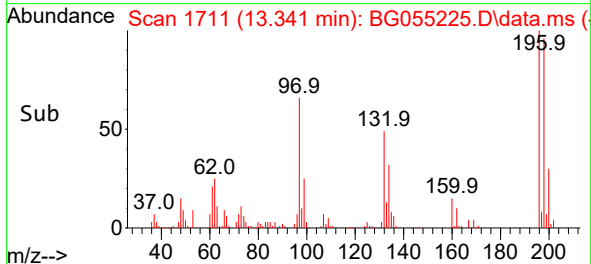
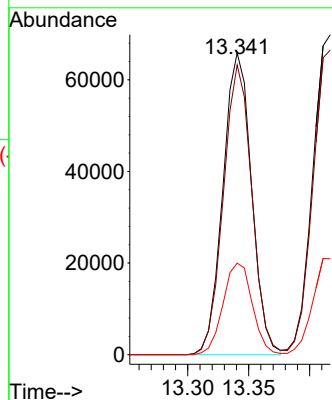
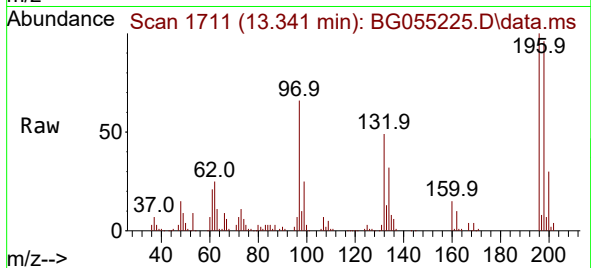
Tgt Ion:196 Resp: 107591

Ion Ratio Lower Upper

196 100

198 96.0 76.1 114.1

200 30.3 24.8 37.2



#44

2,4,5-Trichlorophenol

Concen: 43.980 ng

RT: 13.417 min Scan# 1724

Delta R.T. -0.000 min

Lab File: BG055225.D

Acq: 20 Oct 2022 18:32

Tgt Ion:196 Resp: 117436

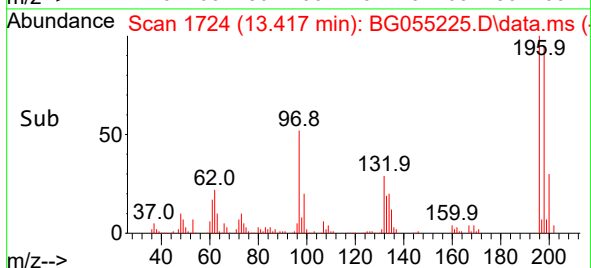
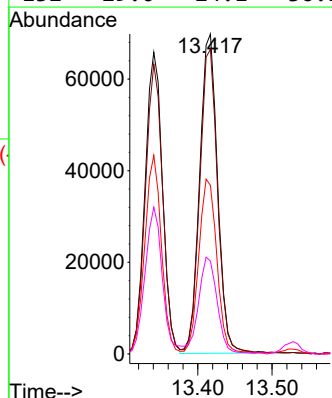
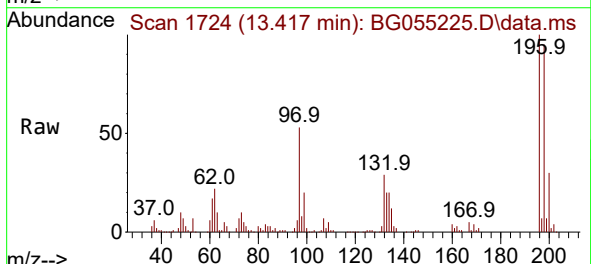
Ion Ratio Lower Upper

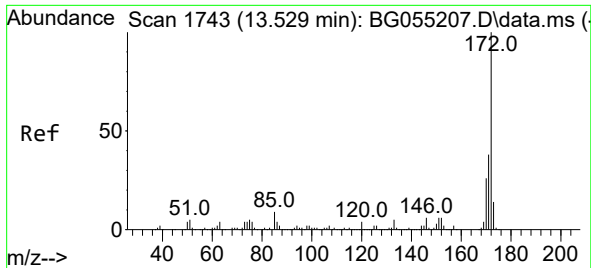
196 100

198 95.2 74.5 111.7

97 52.6 44.6 66.8

132 29.0 24.1 36.1

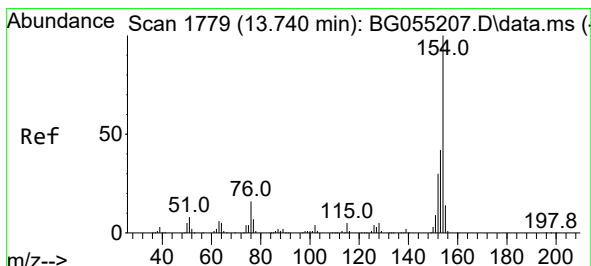
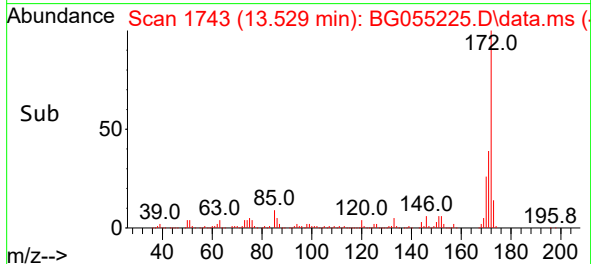
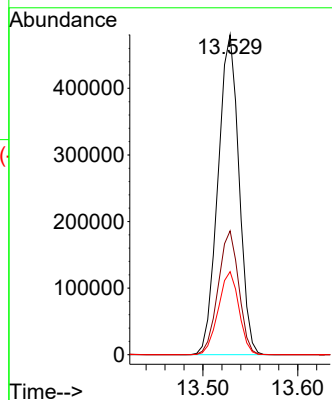
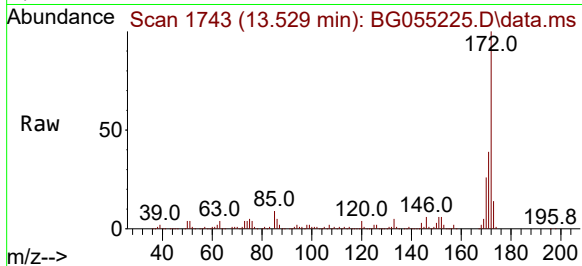




#45
2-Fluorobiphenyl
Concen: 86.855 ng
RT: 13.529 min Scan# 1743
Delta R.T. -0.000 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

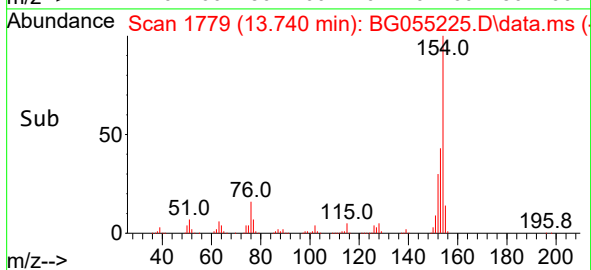
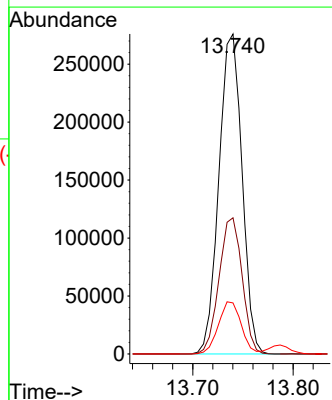
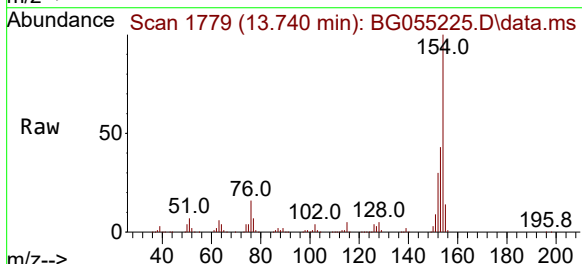
Instrument :
BNA_G
ClientSampleId :
PB148458BS

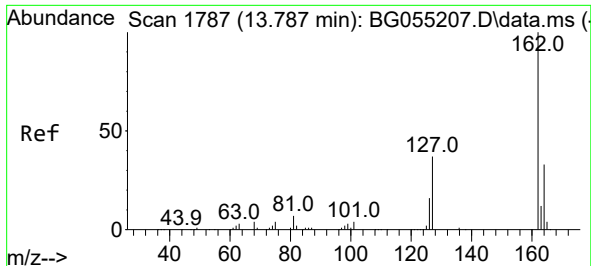
Tgt Ion:172 Resp: 739773
Ion Ratio Lower Upper
172 100
171 38.7 30.3 45.5
170 25.9 20.6 30.8



#46
1,1'-Biphenyl
Concen: 45.708 ng
RT: 13.740 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

Tgt Ion:154 Resp: 440327
Ion Ratio Lower Upper
154 100
153 42.5 22.1 62.1
76 16.0 0.0 35.8

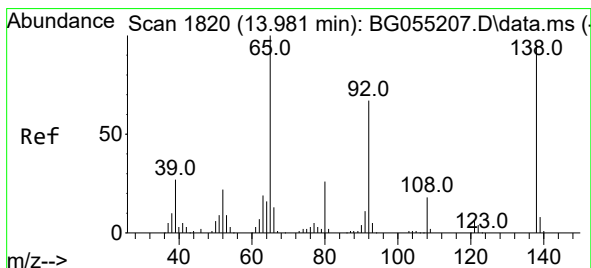
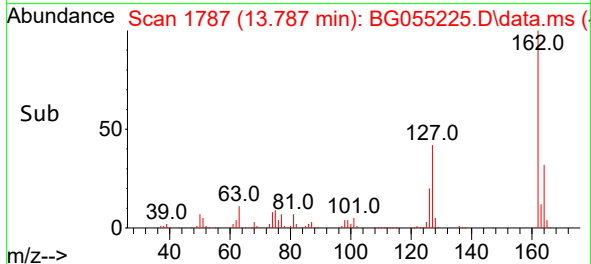
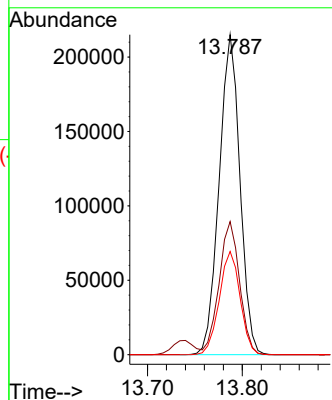
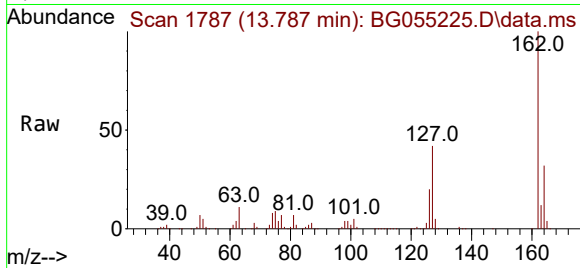




#47
2-Chloronaphthalene
Concen: 44.204 ng
RT: 13.787 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

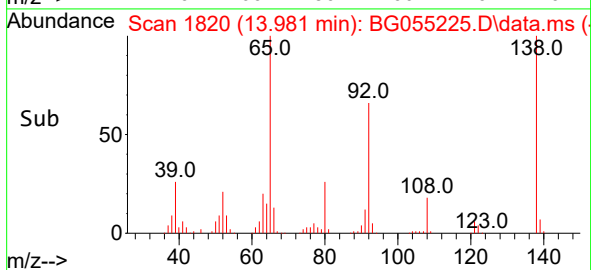
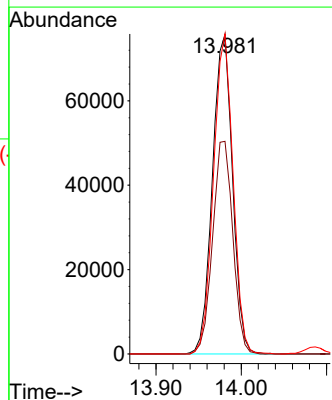
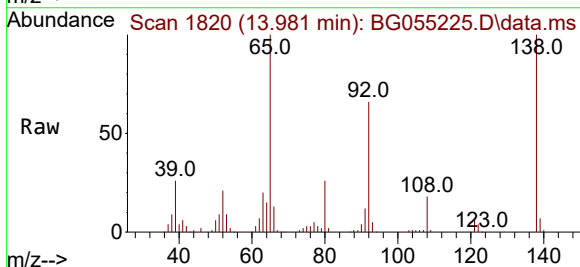
Instrument :
BNA_G
ClientSampleId :
PB148458BS

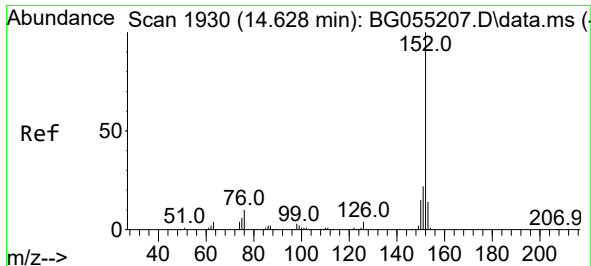
Tgt Ion:162 Resp: 327847
Ion Ratio Lower Upper
162 100
127 41.6 33.5 50.3
164 32.2 26.4 39.6



#48
2-Nitroaniline
Concen: 41.073 ng
RT: 13.981 min Scan# 1820
Delta R.T. -0.000 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

Tgt Ion: 65 Resp: 123620
Ion Ratio Lower Upper
65 100
92 66.5 53.8 80.8
138 100.1 76.0 114.0

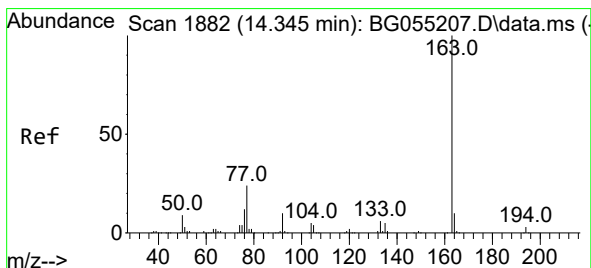
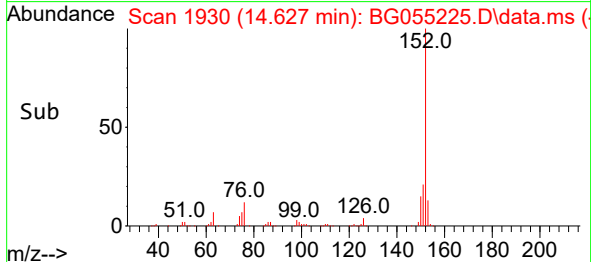
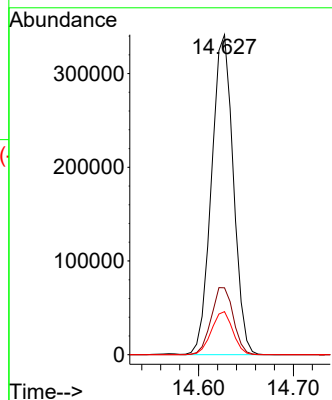
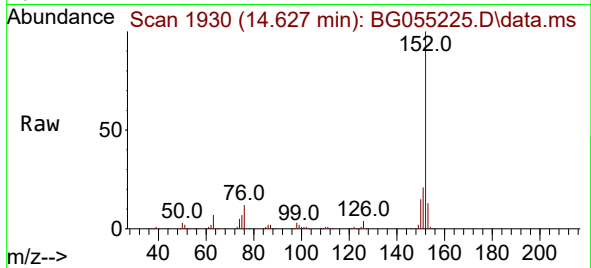




#49
Acenaphthylene
Concen: 42.873 ng
RT: 14.627 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

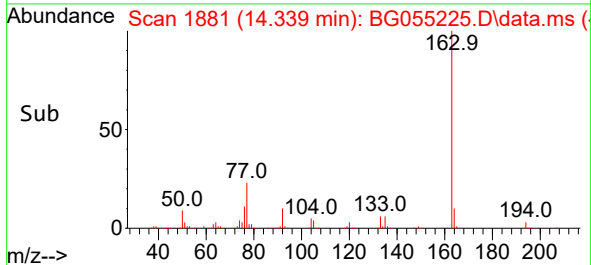
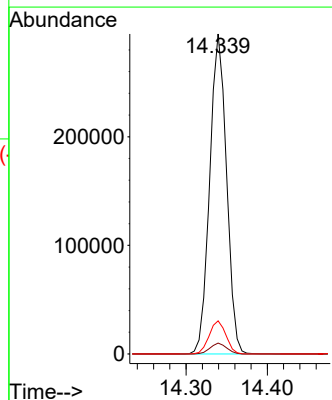
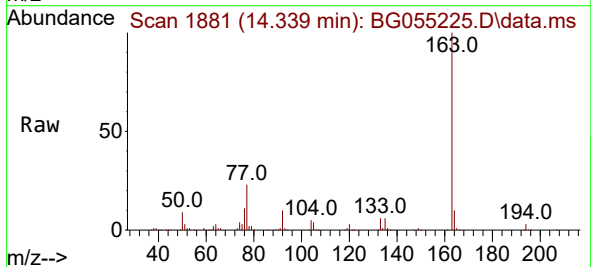
Instrument :
BNA_G
ClientSampleId :
PB148458BS

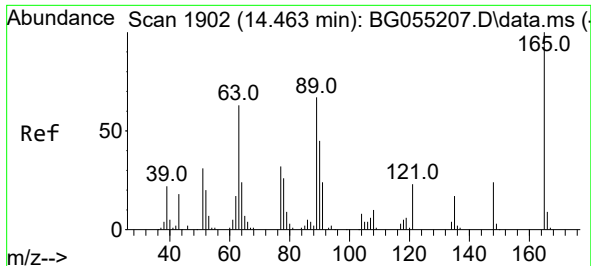
Tgt Ion:152 Resp: 543962
Ion Ratio Lower Upper
152 100
151 20.9 17.3 25.9
153 13.5 11.0 16.6



#50
Dimethylphthalate
Concen: 39.527 ng
RT: 14.339 min Scan# 1881
Delta R.T. -0.006 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

Tgt Ion:163 Resp: 422995
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.3 8.3 12.5

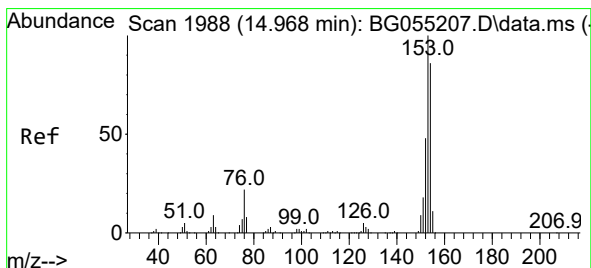
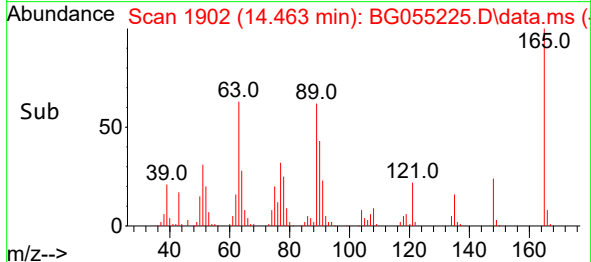
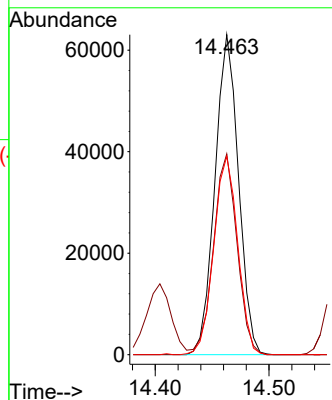
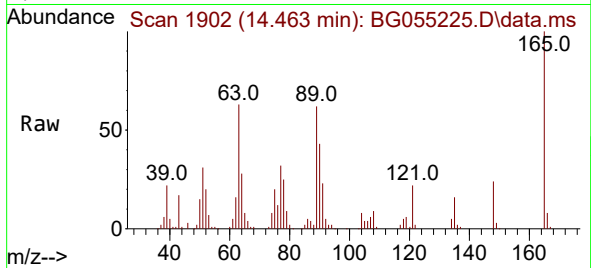




#51
2,6-Dinitrotoluene
Concen: 42.256 ng
RT: 14.463 min Scan# 1902
Delta R.T. -0.000 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

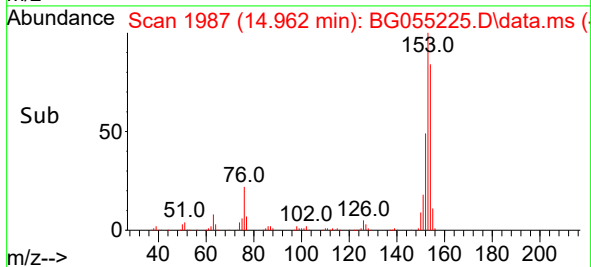
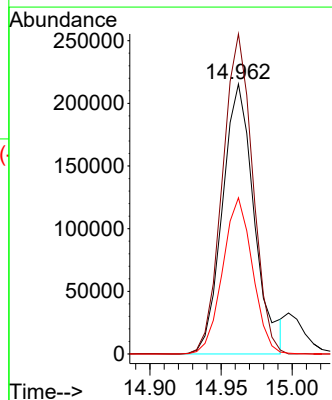
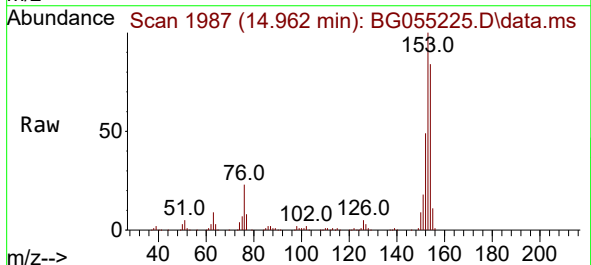
Instrument :
BNA_G
ClientSampleId :
PB148458BS

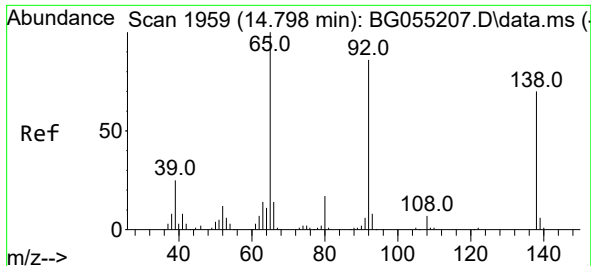
Tgt Ion:165 Resp: 90734
Ion Ratio Lower Upper
165 100
63 62.7 56.1 84.1
89 62.0 53.4 80.0



#52
Acenaphthene
Concen: 41.579 ng
RT: 14.962 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

Tgt Ion:154 Resp: 335880
Ion Ratio Lower Upper
154 100
153 118.5 93.3 139.9
152 57.8 45.1 67.7

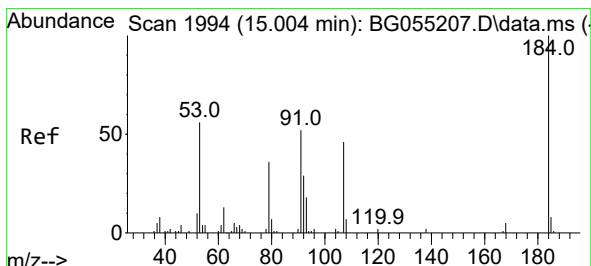
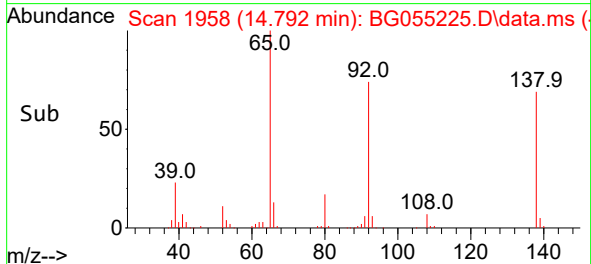
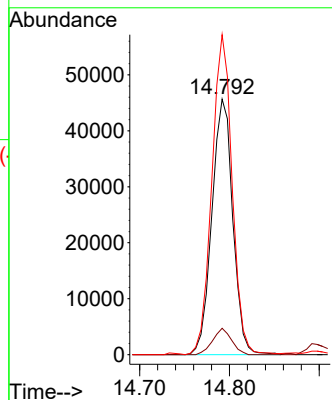
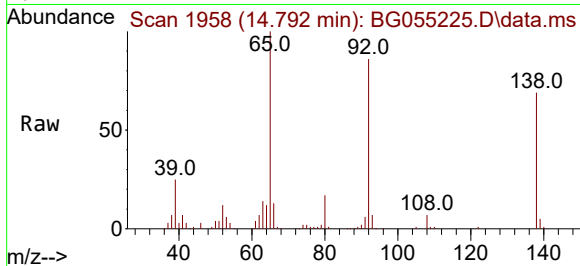




#53
3-Nitroaniline
Concen: 27.602 ng
RT: 14.792 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

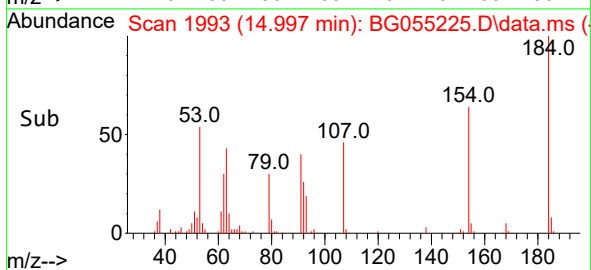
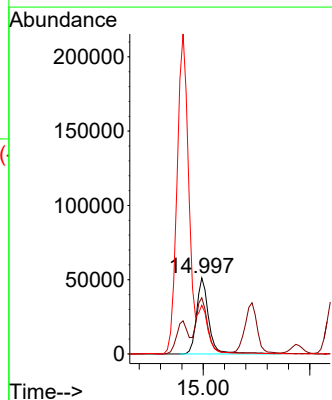
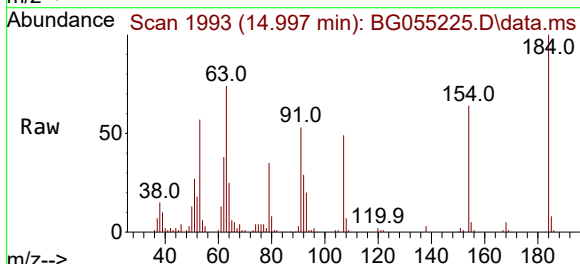
Instrument :
BNA_G
ClientSampleId :
PB148458BS

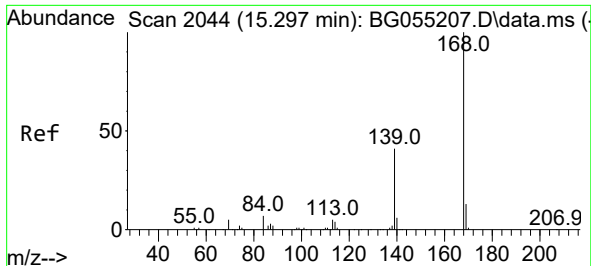
Tgt Ion:138 Resp: 73827
Ion Ratio Lower Upper
138 100
108 10.3 7.5 11.3
92 125.3 98.0 147.0



#54
2,4-Dinitrophenol
Concen: 75.125 ng
RT: 14.997 min Scan# 1993
Delta R.T. -0.007 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

Tgt Ion:184 Resp: 81322
Ion Ratio Lower Upper
184 100
63 73.9 61.2 91.8
154 63.9 50.4 75.6

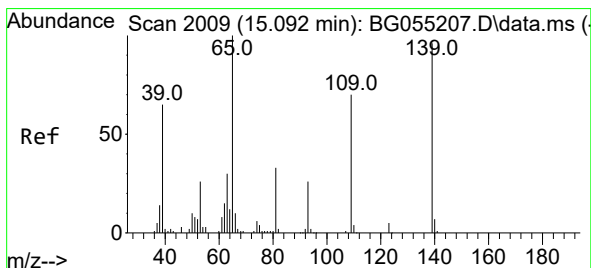
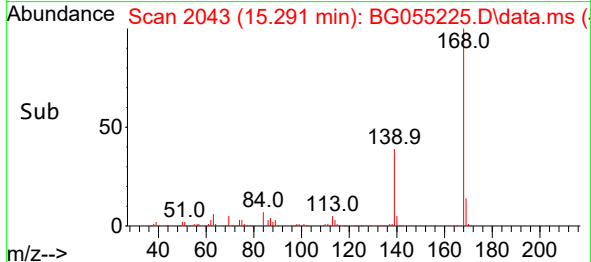
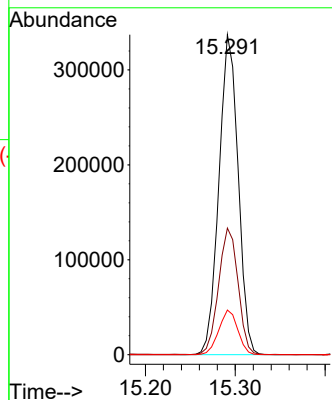
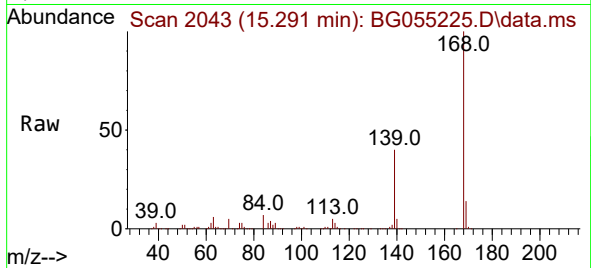




#55
Dibenzenofuran
Concen: 42.986 ng
RT: 15.291 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

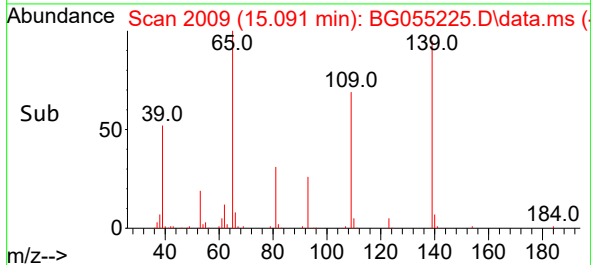
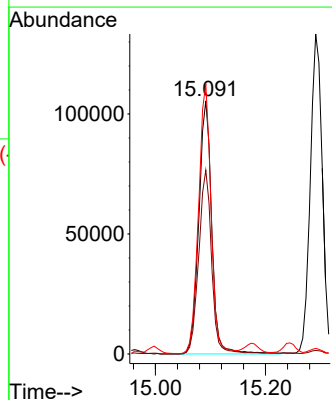
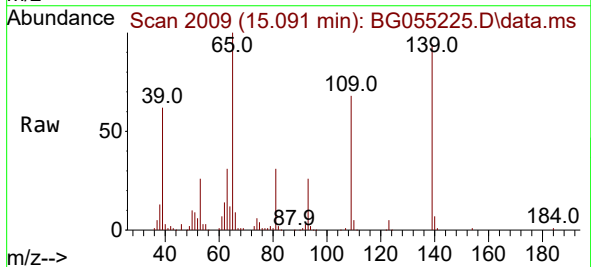
Instrument :
BNA_G
ClientSampleId :
PB148458BS

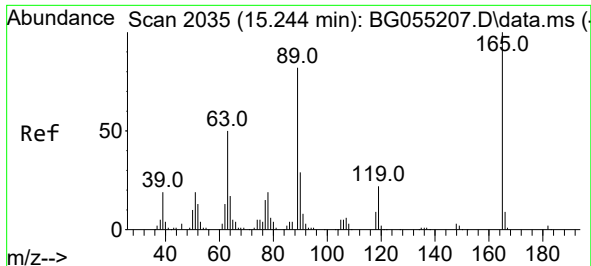
Tgt Ion:168 Resp: 500179
Ion Ratio Lower Upper
168 100
139 39.5 32.6 48.8
169 14.0 10.7 16.1



#56
4-Nitrophenol
Concen: 91.685 ng
RT: 15.091 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

Tgt Ion:139 Resp: 172429
Ion Ratio Lower Upper
139 100
109 72.6 53.0 93.0
65 106.8 84.8 124.8





#57

2,4-Dinitrotoluene

Concen: 42.862 ng

RT: 15.244 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BG055225.D

Acq: 20 Oct 2022 18:32

Instrument :

BNA_G

ClientSampleId :

PB148458BS

Tgt Ion:165 Resp: 128690

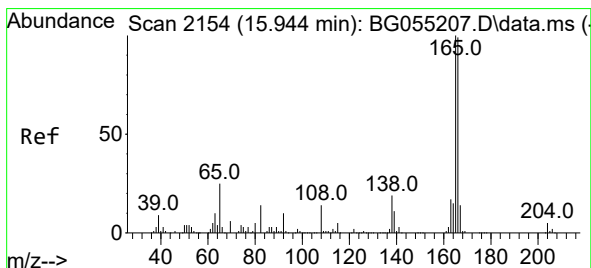
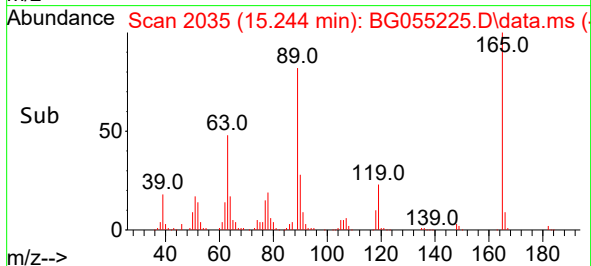
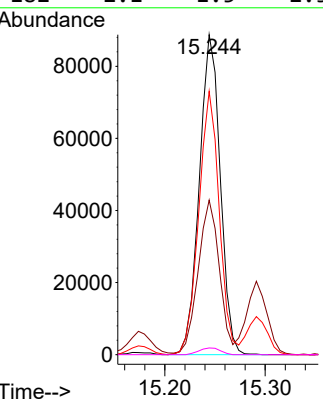
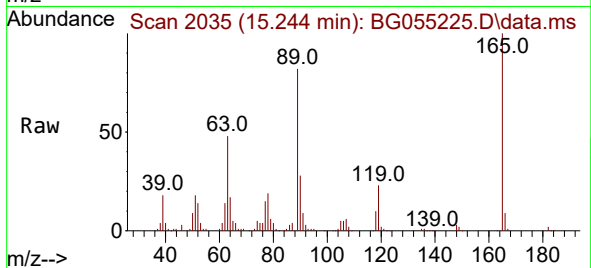
Ion Ratio Lower Upper

165 100

63 48.3 39.8 59.8

89 82.3 66.0 99.0

182 2.1 1.5 2.3



#58

Fluorene

Concen: 41.672 ng

RT: 15.938 min Scan# 2153

Delta R.T. -0.006 min

Lab File: BG055225.D

Acq: 20 Oct 2022 18:32

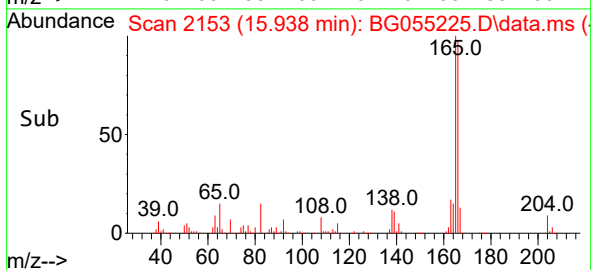
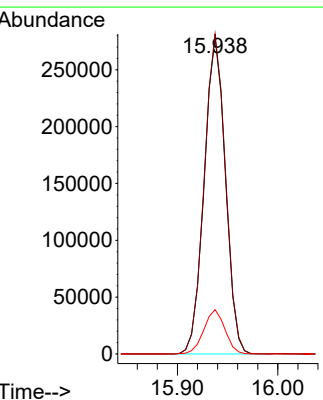
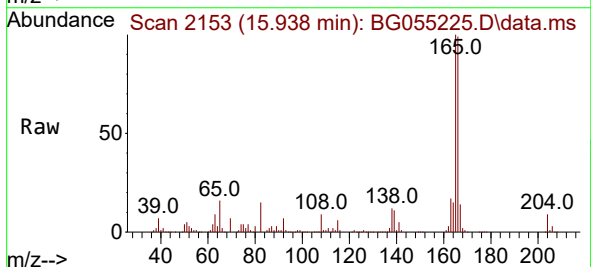
Tgt Ion:166 Resp: 408349

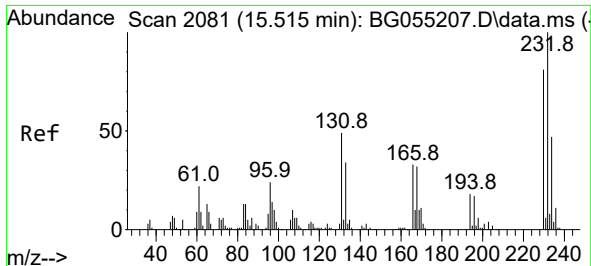
Ion Ratio Lower Upper

166 100

165 101.2 81.0 121.6

167 14.0 11.0 16.4

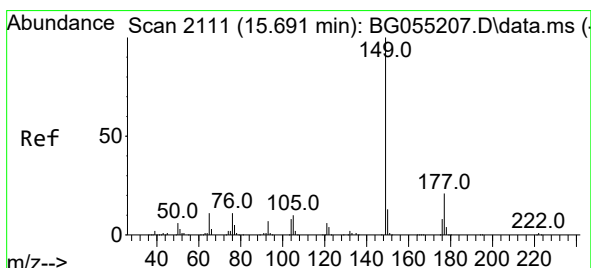
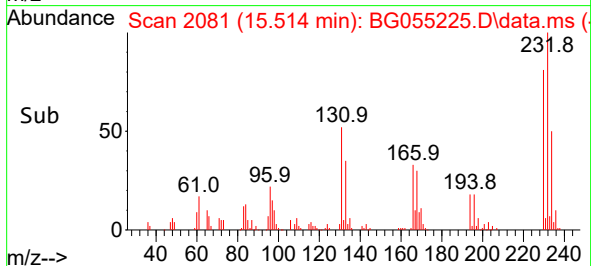
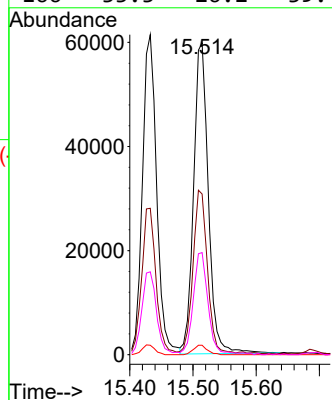
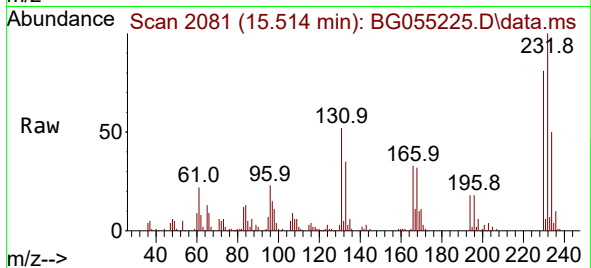




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.614 ng
RT: 15.514 min Scan# 2081
Delta R.T. -0.000 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

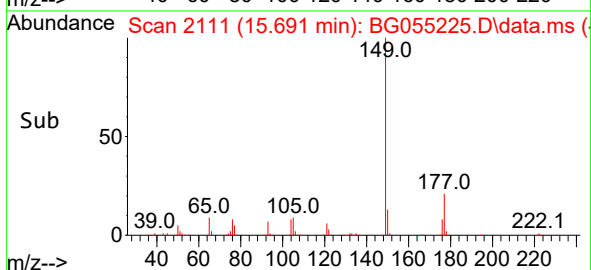
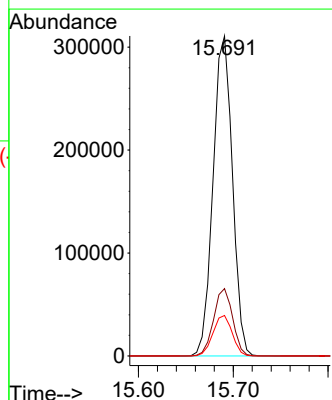
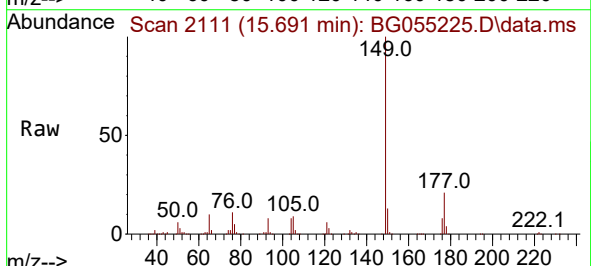
Instrument :
BNA_G
ClientSampleId :
PB148458BS

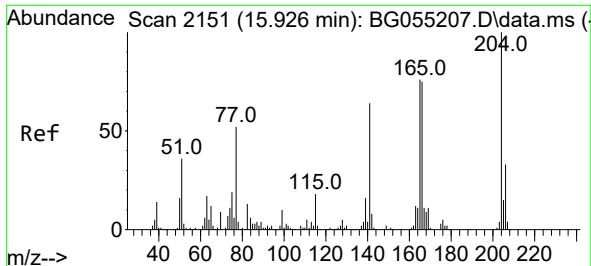
Tgt Ion:232 Resp: 96766
Ion Ratio Lower Upper
232 100
131 50.9 40.5 60.7
130 2.9 2.2 3.2
166 33.3 26.2 39.4



#60
Diethylphthalate
Concen: 39.406 ng
RT: 15.691 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

Tgt Ion:149 Resp: 441162
Ion Ratio Lower Upper
149 100
177 21.0 16.4 24.6
150 12.7 10.2 15.4

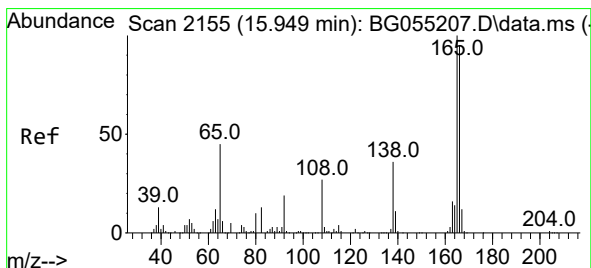
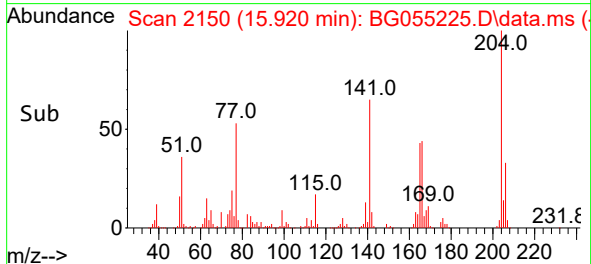
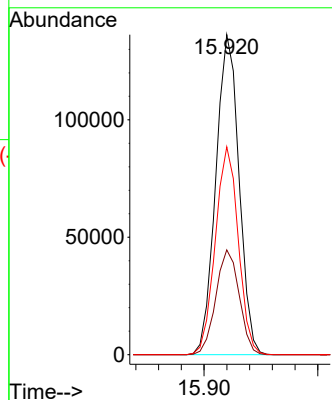
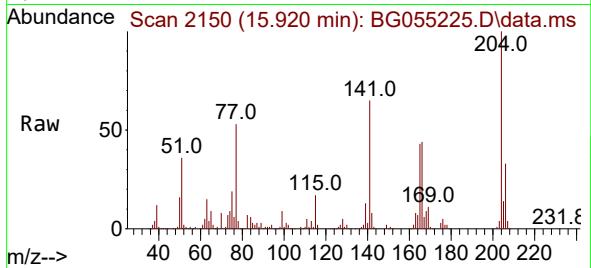




#61
4-Chlorophenyl-phenylether
Concen: 42.542 ng
RT: 15.920 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

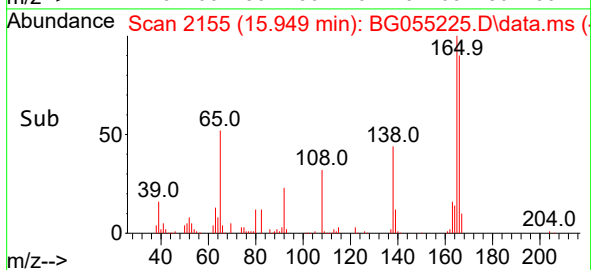
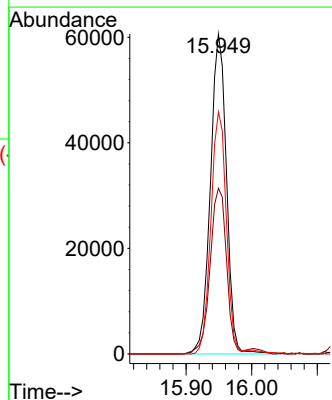
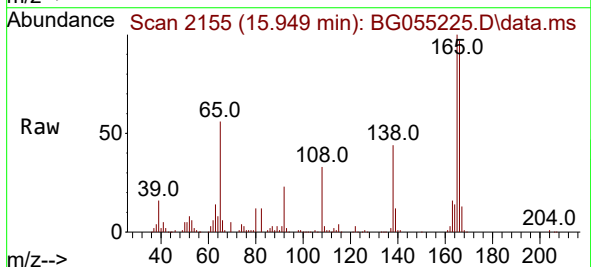
Instrument :
BNA_G
ClientSampleId :
PB148458BS

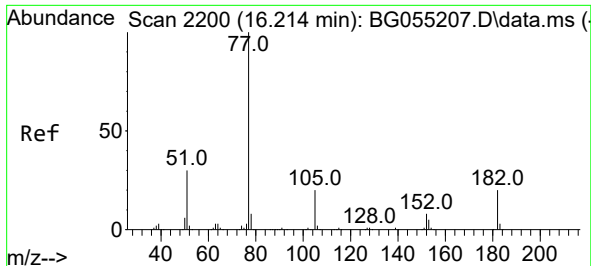
Tgt Ion:204 Resp: 193489
Ion Ratio Lower Upper
204 100
206 32.7 26.8 40.2
141 65.0 51.0 76.4



#62
4-Nitroaniline
Concen: 37.936 ng
RT: 15.949 min Scan# 2155
Delta R.T. -0.000 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

Tgt Ion:138 Resp: 102926
Ion Ratio Lower Upper
138 100
92 51.8 33.9 73.9
108 75.7 55.1 95.1

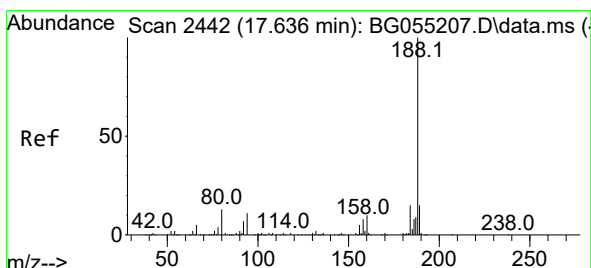
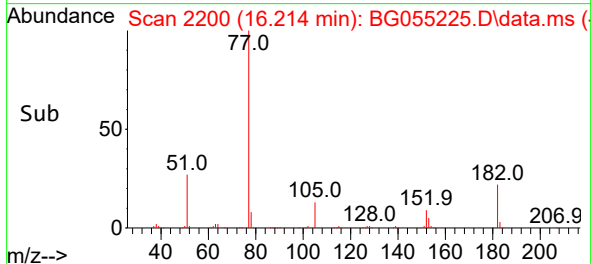
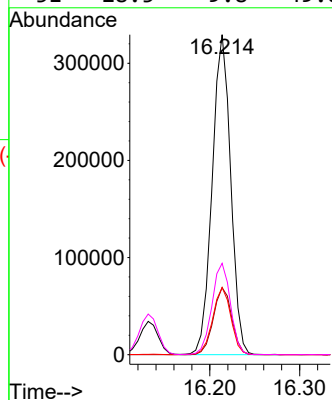
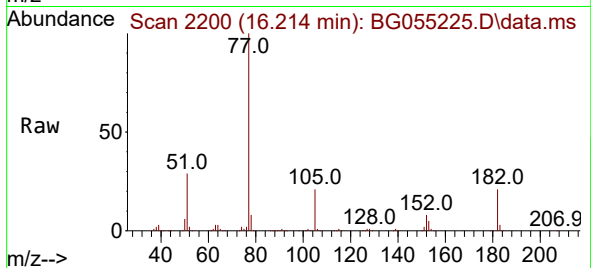




#63
Azobenzene
Concen: 41.596 ng
RT: 16.214 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

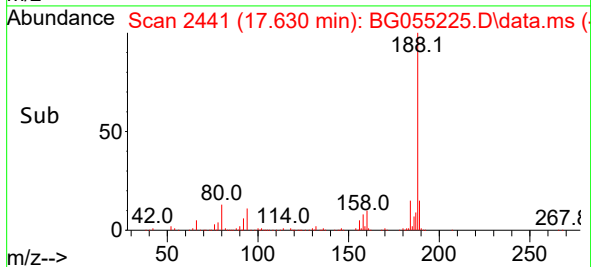
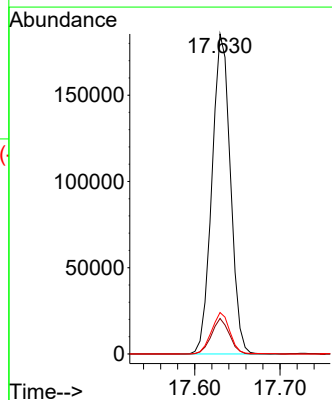
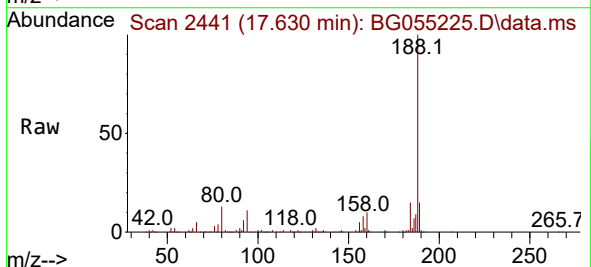
Instrument :
BNA_G
ClientSampleId :
PB148458BS

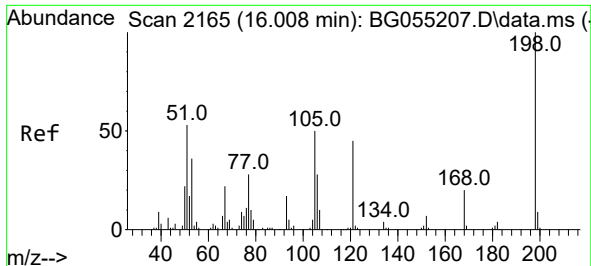
Tgt Ion: 77	Resp: 470653
Ion Ratio	Lower Upper
77 100	
182 20.9	0.0 39.9
105 21.0	0.2 40.2
51 28.5	9.8 49.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.630 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

Tgt Ion:188	Resp: 278806
Ion Ratio	Lower Upper
188 100	
94 11.1	8.6 12.8
80 12.9	10.4 15.6

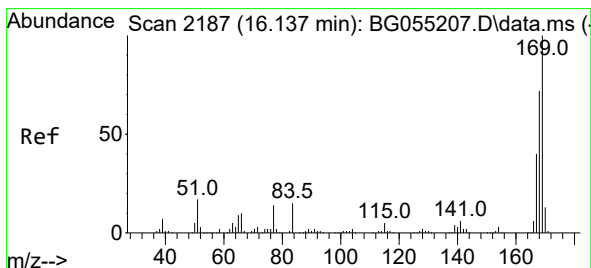
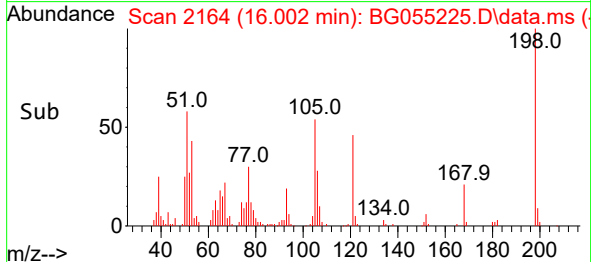
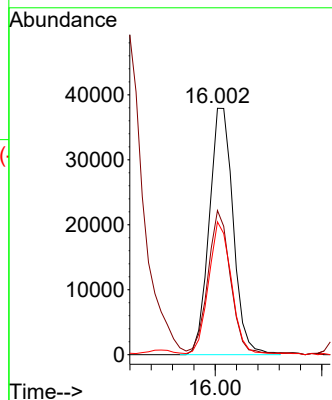
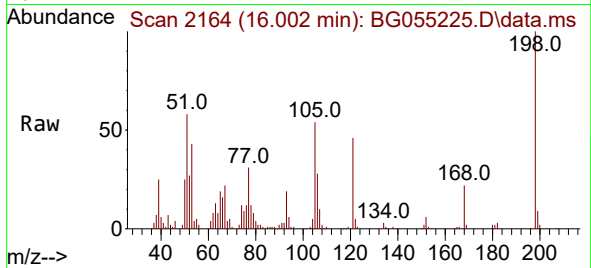




#65
4,6-Dinitro-2-methylphenol
Concen: 39.757 ng
RT: 16.002 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

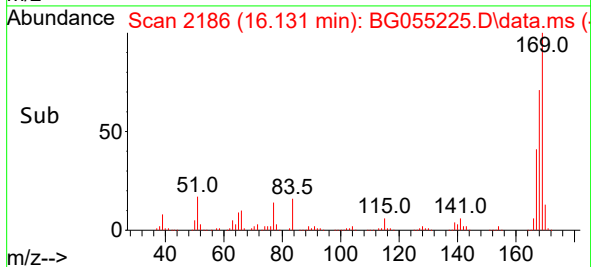
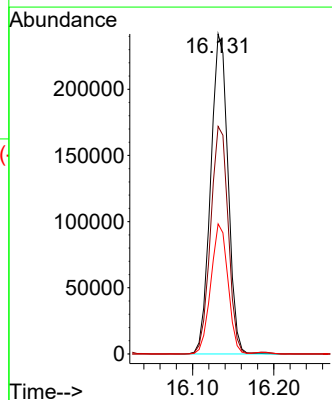
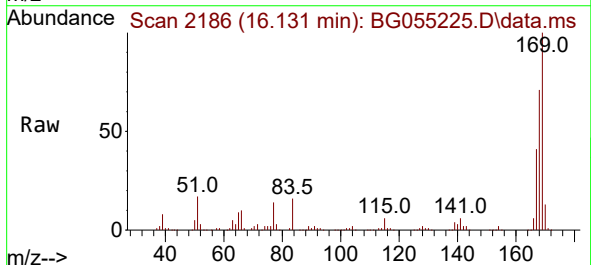
Instrument :
BNA_G
ClientSampleId :
PB148458BS

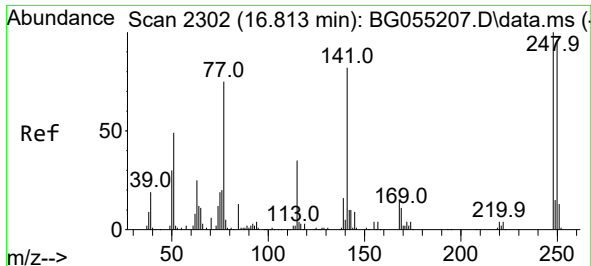
Tgt Ion:198 Resp: 59209
Ion Ratio Lower Upper
198 100
51 58.5 37.0 77.0
105 53.9 30.8 70.8



#66
n-Nitrosodiphenylamine
Concen: 45.893 ng
RT: 16.131 min Scan# 2186
Delta R.T. -0.006 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

Tgt Ion:169 Resp: 357107
Ion Ratio Lower Upper
169 100
168 71.1 57.7 86.5
167 40.6 31.8 47.6

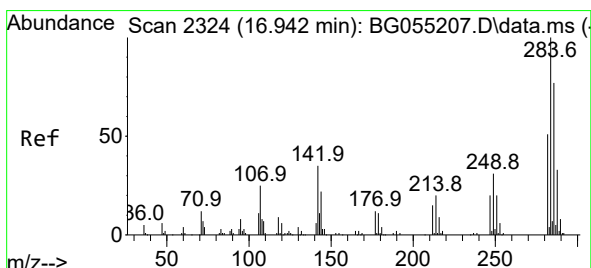
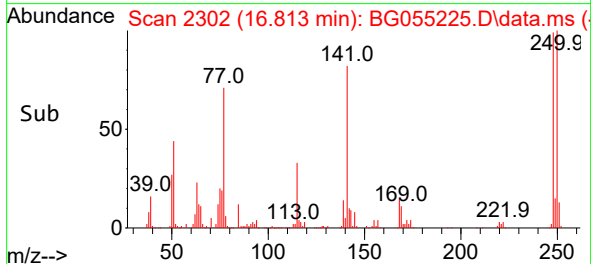
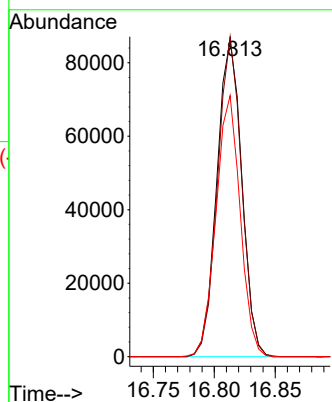
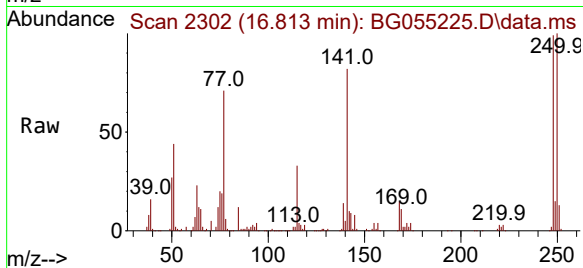




#67
4-Bromophenyl-phenylether
Concen: 45.171 ng
RT: 16.813 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

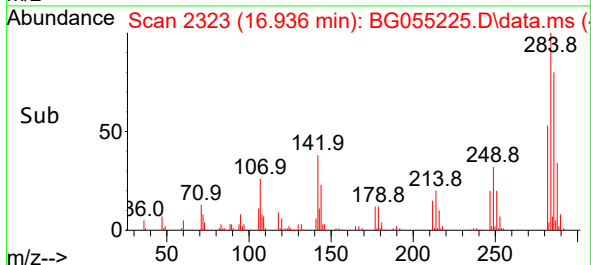
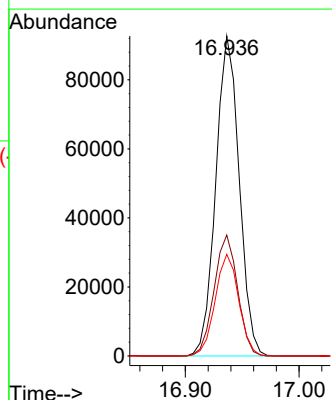
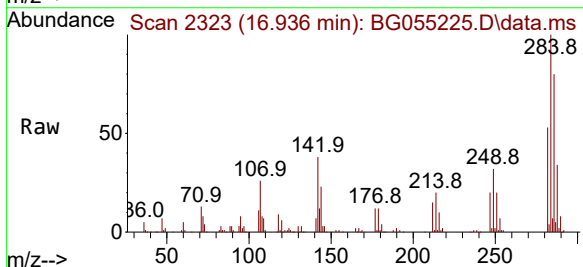
Instrument :
BNA_G
ClientSampleId :
PB148458BS

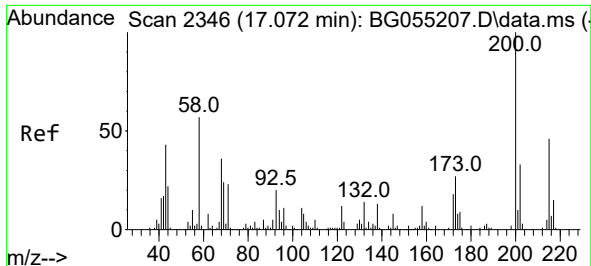
Tgt Ion:248 Resp: 122752
Ion Ratio Lower Upper
248 100
250 101.0 76.7 115.1
141 82.4 65.3 97.9



#68
Hexachlorobenzene
Concen: 44.560 ng
RT: 16.936 min Scan# 2323
Delta R.T. -0.006 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

Tgt Ion:284 Resp: 132528
Ion Ratio Lower Upper
284 100
142 37.8 28.1 42.1
249 31.7 25.0 37.6

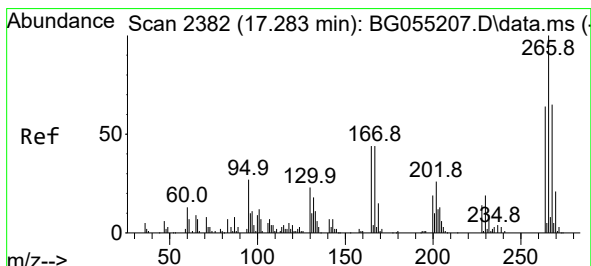
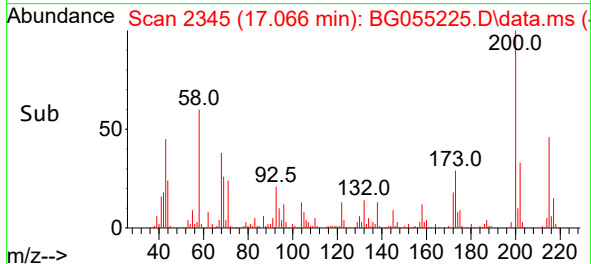
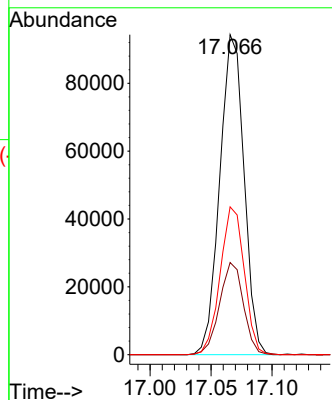
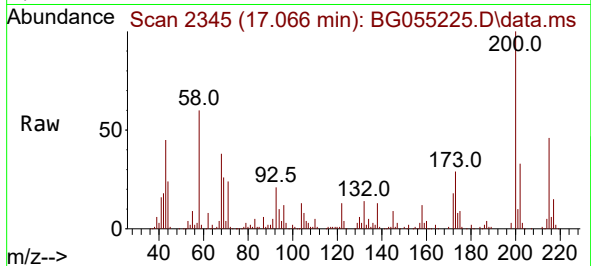




#69
 Atrazine
 Concen: 50.906 ng
 RT: 17.066 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG055225.D
 Acq: 20 Oct 2022 18:32

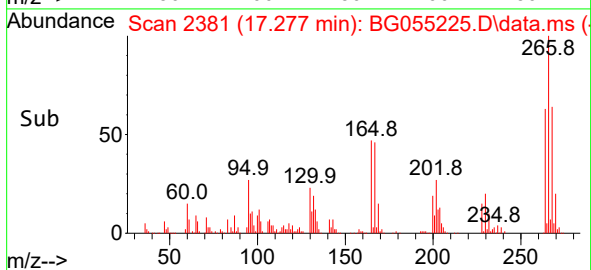
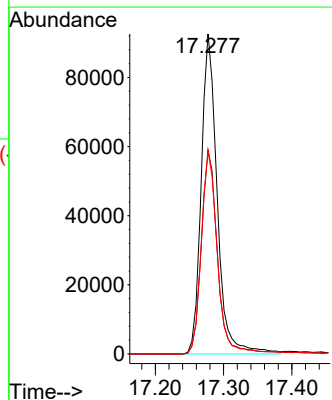
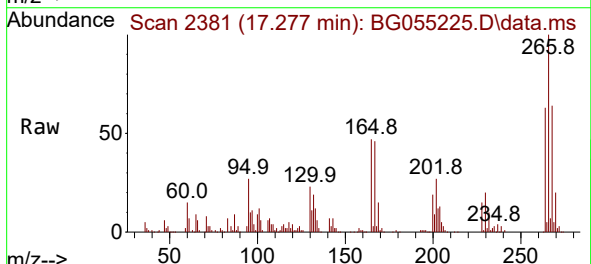
Instrument :
 BNA_G
 ClientSampleId :
 PB148458BS

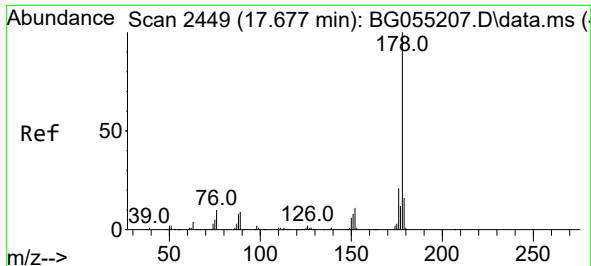
Tgt Ion:200 Resp: 130555
 Ion Ratio Lower Upper
 200 100
 173 28.8 6.8 46.8
 215 46.2 25.7 65.7



#70
 Pentachlorophenol
 Concen: 94.015 ng
 RT: 17.277 min Scan# 2381
 Delta R.T. -0.006 min
 Lab File: BG055225.D
 Acq: 20 Oct 2022 18:32

Tgt Ion:266 Resp: 150905
 Ion Ratio Lower Upper
 266 100
 268 63.7 55.8 83.6
 264 63.4 51.1 76.7

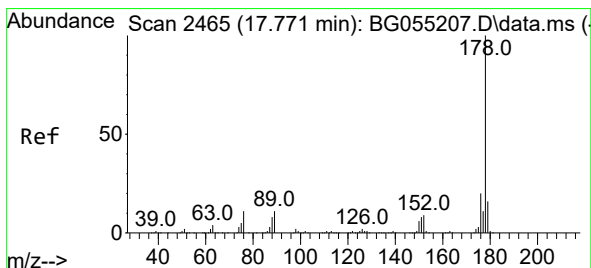
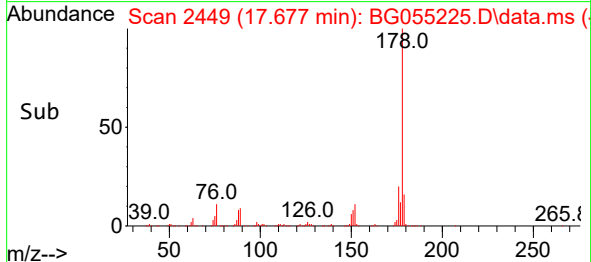
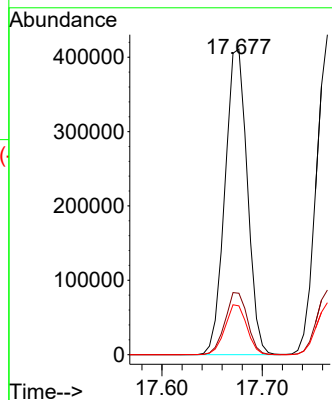
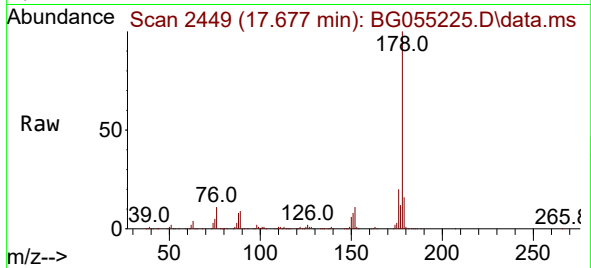




#71
Phenanthrene
Concen: 42.847 ng
RT: 17.677 min Scan# 2449
Delta R.T. -0.000 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

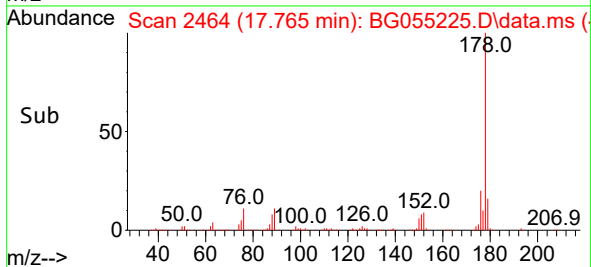
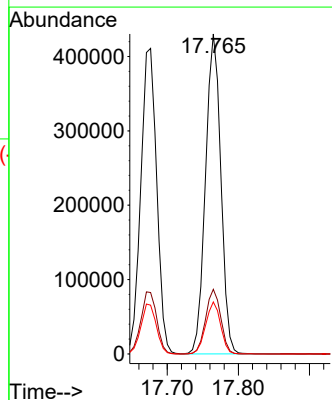
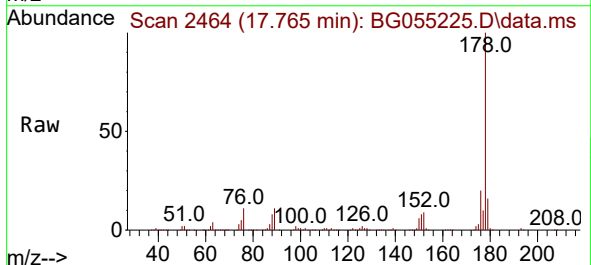
Instrument :
BNA_G
ClientSampleId :
PB148458BS

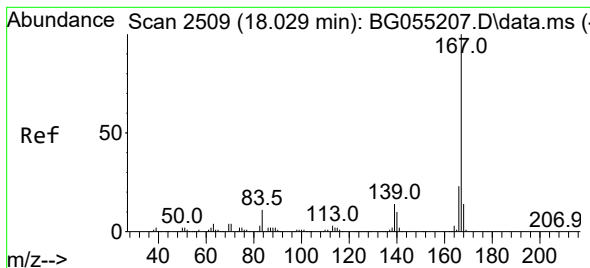
Tgt Ion:178 Resp: 637461
Ion Ratio Lower Upper
178 100
176 20.1 16.4 24.6
179 16.0 12.8 19.2



#72
Anthracene
Concen: 44.442 ng
RT: 17.765 min Scan# 2464
Delta R.T. -0.006 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

Tgt Ion:178 Resp: 646111
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.2
179 16.2 13.0 19.4





#73

Carbazole

Concen: 45.896 ng

RT: 18.029 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG055225.D

Acq: 20 Oct 2022 18:32

Instrument :

BNA_G

ClientSampleId :

PB148458BS

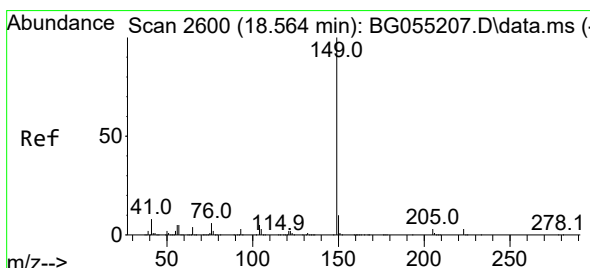
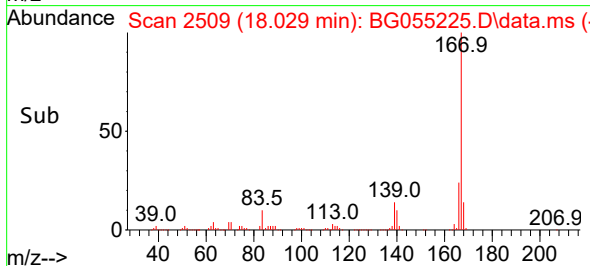
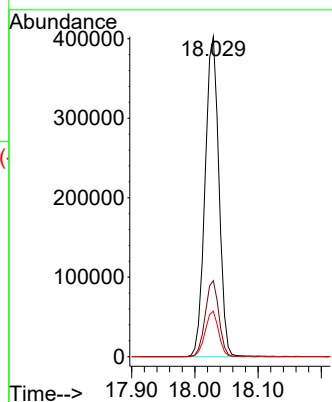
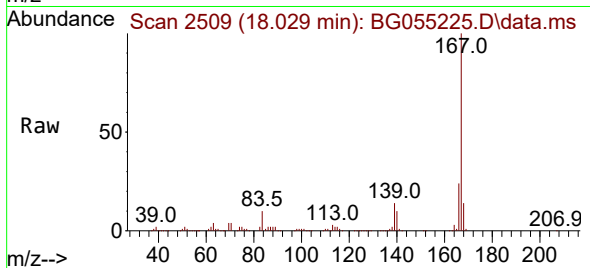
Tgt Ion:167 Resp: 614462

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: 45.205 ng

RT: 18.564 min Scan# 2600

Delta R.T. -0.000 min

Lab File: BG055225.D

Acq: 20 Oct 2022 18:32

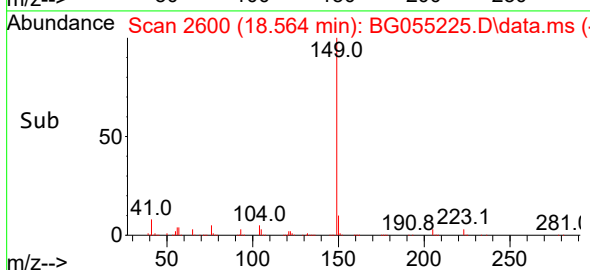
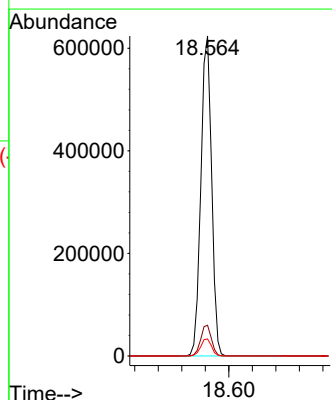
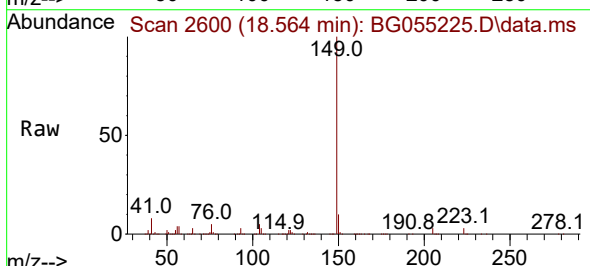
Tgt Ion:149 Resp: 789387

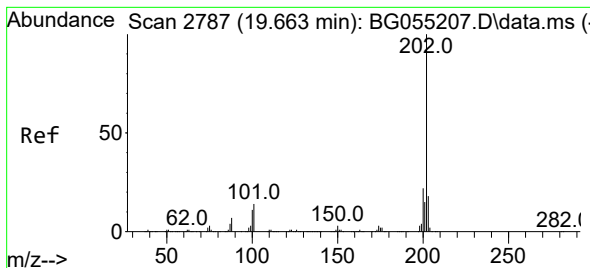
Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

104 5.3 4.4 6.6

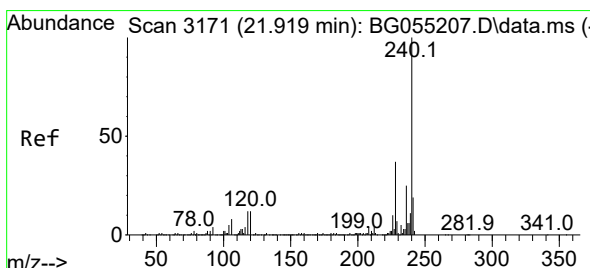
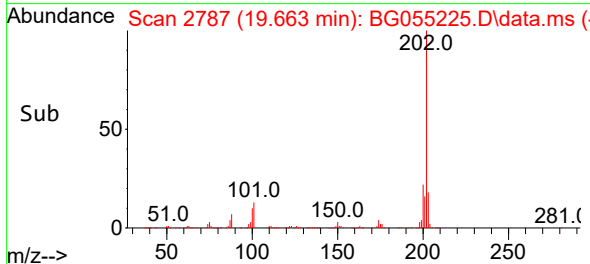
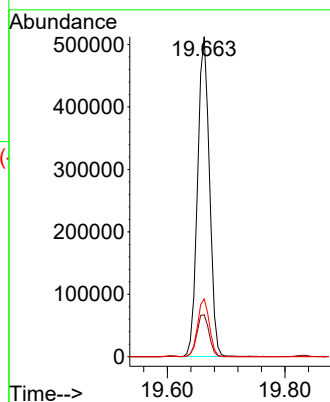
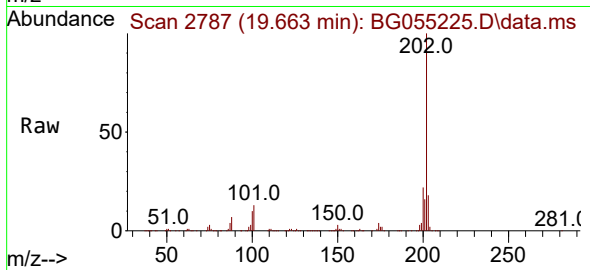




#75
Fluoranthene
Concen: 43.572 ng
RT: 19.663 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

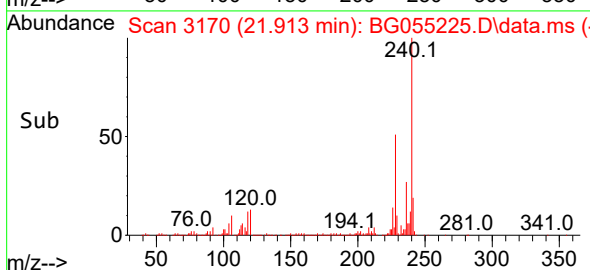
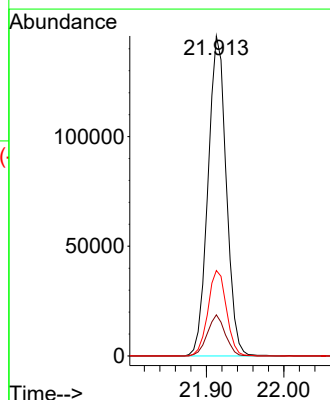
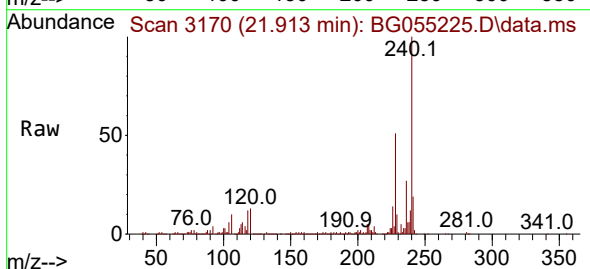
Instrument :
BNA_G
ClientSampleId :
PB148458BS

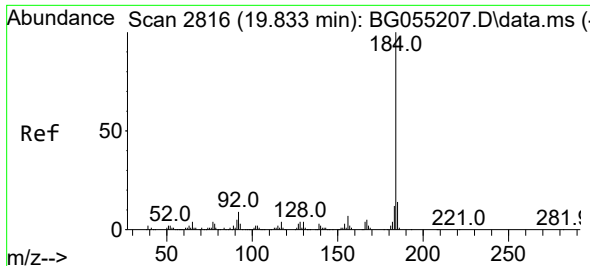
Tgt Ion:202 Resp: 718071
Ion Ratio Lower Upper
202 100
101 13.1 0.0 34.2
203 18.1 0.0 38.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.913 min Scan# 3170
Delta R.T. -0.006 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

Tgt Ion:240 Resp: 238533
Ion Ratio Lower Upper
240 100
120 12.8 9.2 13.8
236 26.7 20.4 30.6

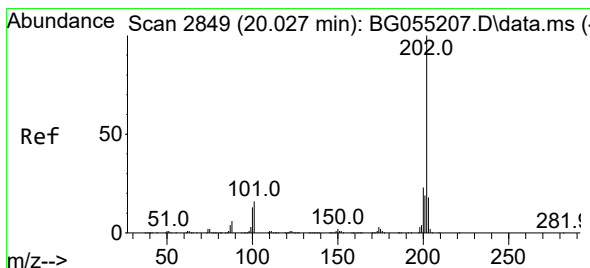
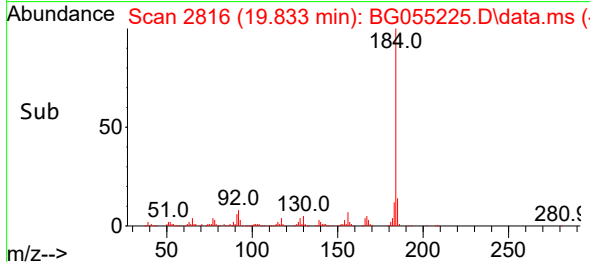
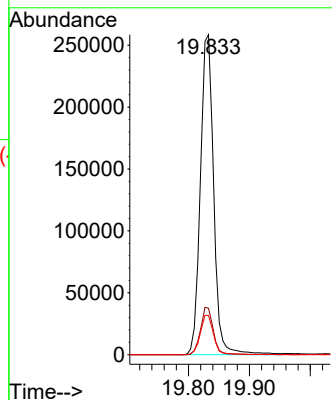
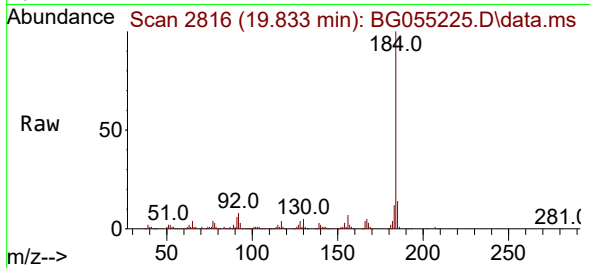




#77
Benzidine
Concen: 64.679 ng
RT: 19.833 min Scan# 2816
Delta R.T. -0.000 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

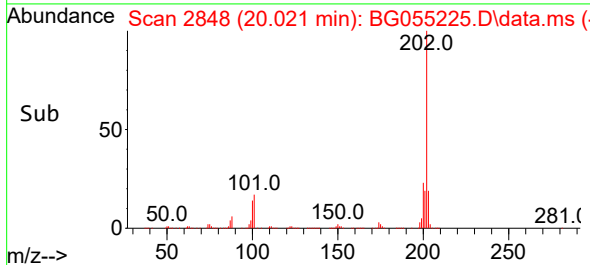
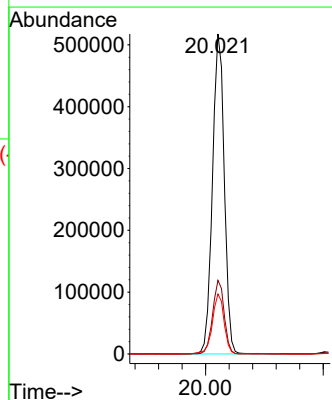
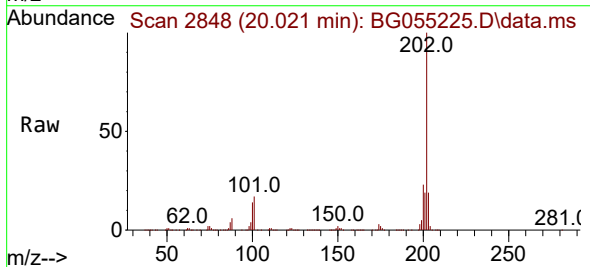
Instrument :
BNA_G
ClientSampleId :
PB148458BS

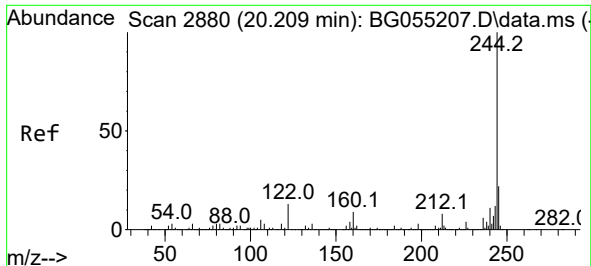
Tgt Ion:184 Resp: 392325
Ion Ratio Lower Upper
184 100
185 14.5 11.4 17.2
183 12.2 9.8 14.6



#78
Pyrene
Concen: 40.141 ng
RT: 20.021 min Scan# 2848
Delta R.T. -0.006 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

Tgt Ion:202 Resp: 721476
Ion Ratio Lower Upper
202 100
200 23.0 18.2 27.2
203 18.7 14.6 22.0

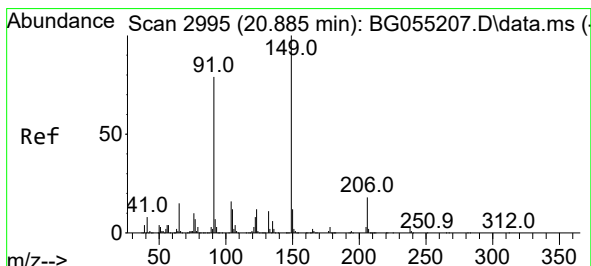
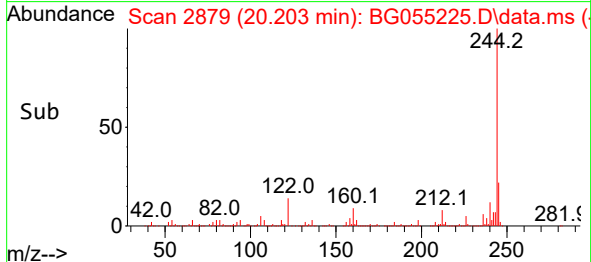
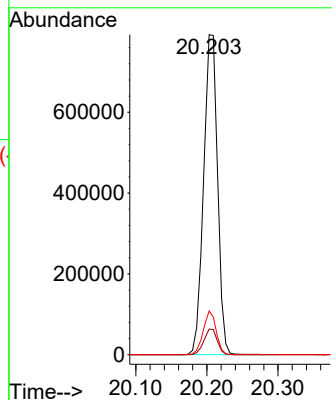
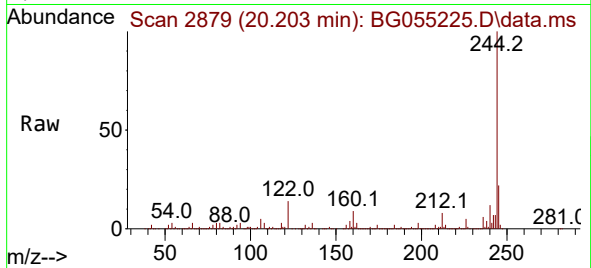




#79
 Terphenyl-d14
 Concen: 84.623 ng
 RT: 20.203 min Scan# 2879
 Delta R.T. -0.006 min
 Lab File: BG055225.D
 Acq: 20 Oct 2022 18:32

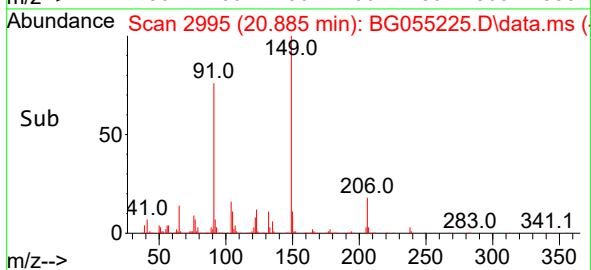
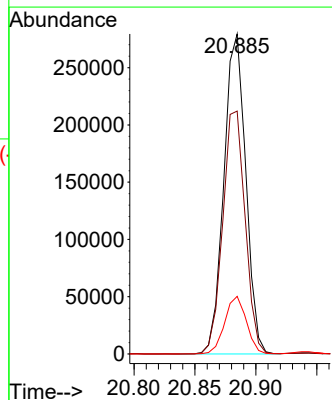
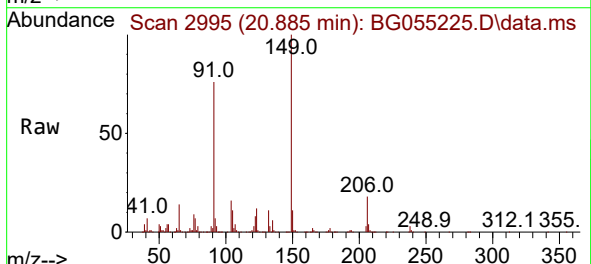
Instrument :
 BNA_G
 ClientSampleId :
 PB148458BS

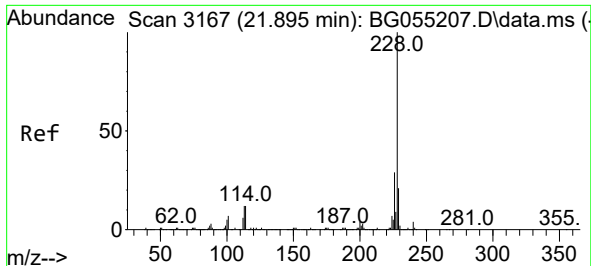
Tgt Ion:244 Resp: 1083312
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.3 9.5
 122 13.6 10.0 15.0



#80
 Butylbenzylphthalate
 Concen: 41.643 ng
 RT: 20.885 min Scan# 2995
 Delta R.T. -0.000 min
 Lab File: BG055225.D
 Acq: 20 Oct 2022 18:32

Tgt Ion:149 Resp: 349845
 Ion Ratio Lower Upper
 149 100
 91 75.9 63.2 94.8
 206 18.0 14.5 21.7

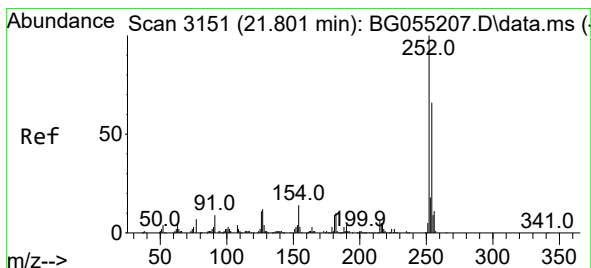
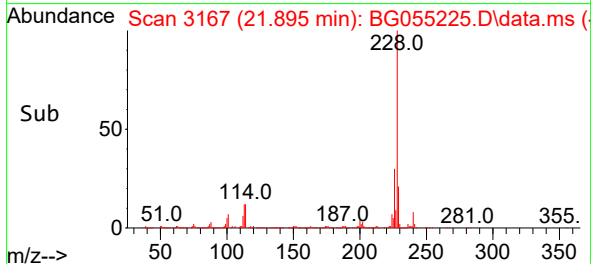
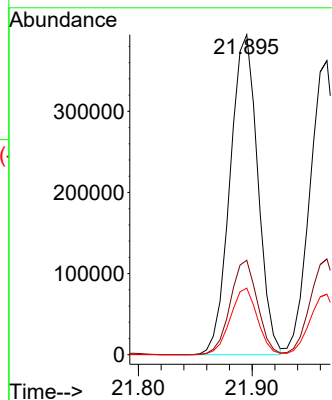
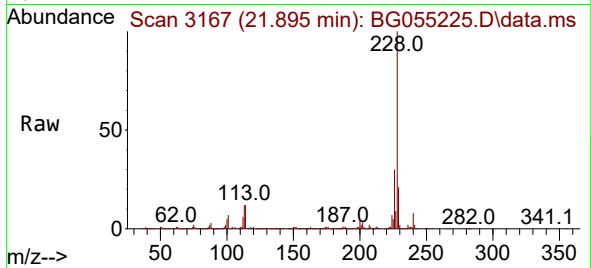




#81
Benzo(a)anthracene
Concen: 43.187 ng
RT: 21.895 min Scan# 3167
Delta R.T. -0.000 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

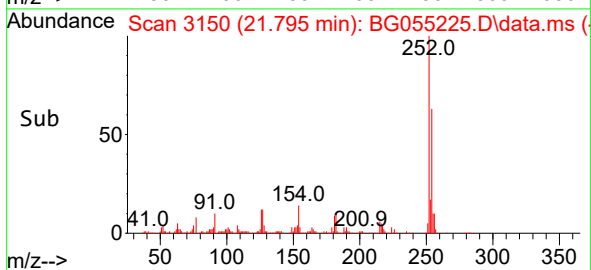
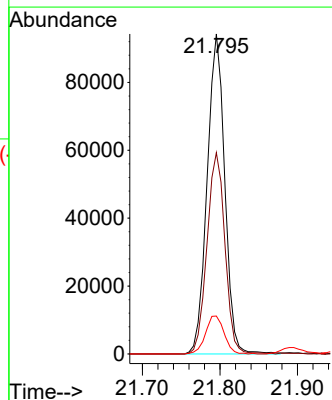
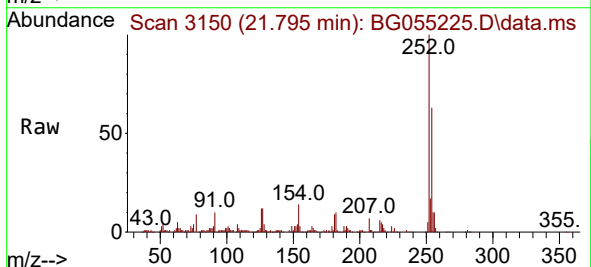
Instrument :
BNA_G
ClientSampleId :
PB148458BS

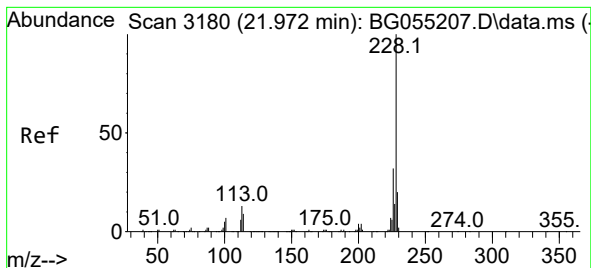
Tgt Ion:228 Resp: 668196
Ion Ratio Lower Upper
228 100
226 29.5 23.1 34.7
229 20.8 16.5 24.7



#82
3,3'-Dichlorobenzidine
Concen: 28.014 ng
RT: 21.795 min Scan# 3150
Delta R.T. -0.006 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

Tgt Ion:252 Resp: 148831
Ion Ratio Lower Upper
252 100
254 62.9 52.8 79.2
126 11.8 9.0 13.6





#83

Chrysene

Concen: 42.981 ng

RT: 21.966 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG055225.D

Acq: 20 Oct 2022 18:32

Instrument :

BNA_G

ClientSampleId :

PB148458BS

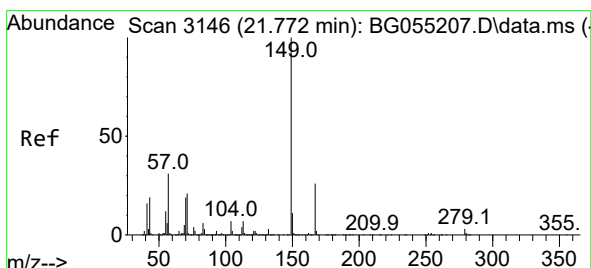
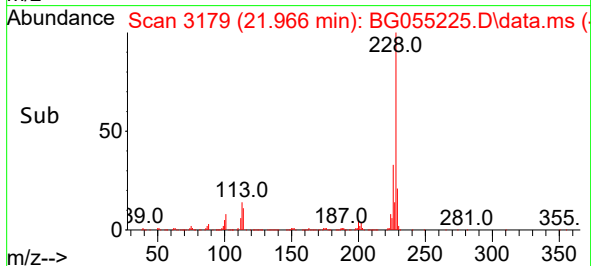
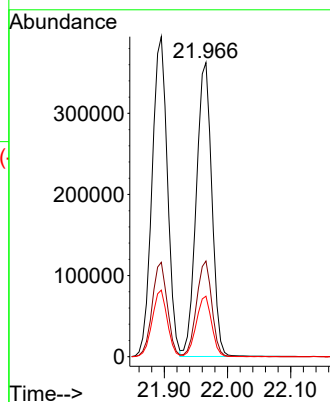
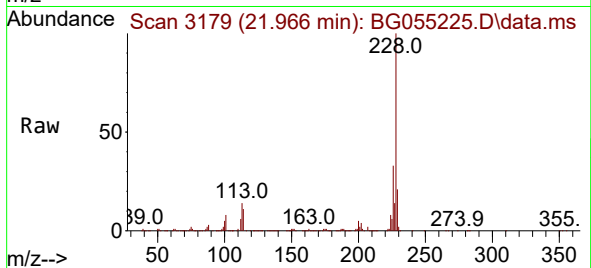
Tgt Ion:228 Resp: 619309

Ion Ratio Lower Upper

228 100

226 32.5 25.4 38.2

229 20.5 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.592 ng

RT: 21.766 min Scan# 3145

Delta R.T. -0.006 min

Lab File: BG055225.D

Acq: 20 Oct 2022 18:32

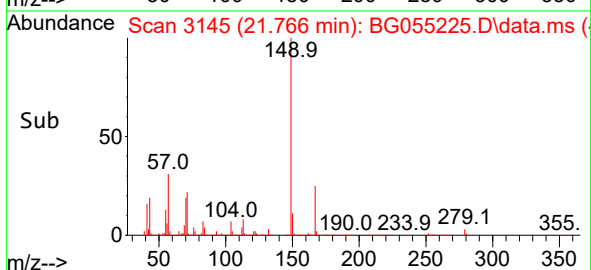
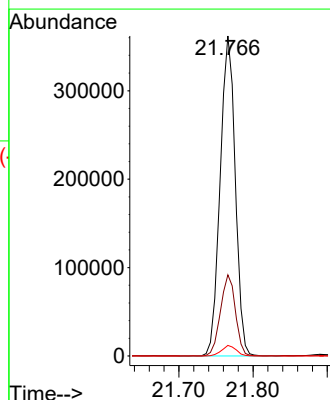
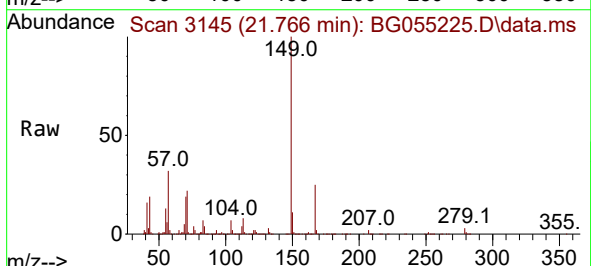
Tgt Ion:149 Resp: 512144

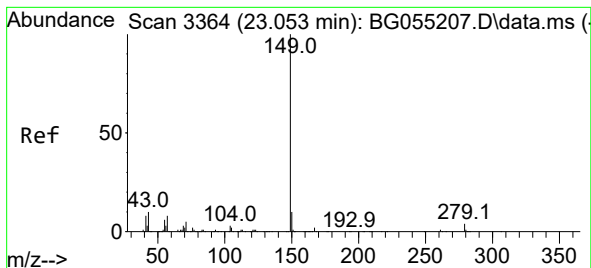
Ion Ratio Lower Upper

149 100

167 25.4 20.6 31.0

279 3.3 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 52.008 ng

RT: 23.041 min Scan# 31

Delta R.T. -0.012 min

Lab File: BG055225.D

Acq: 20 Oct 2022 18:32

Instrument :

BNA_G

ClientSampleId :

PB148458BS

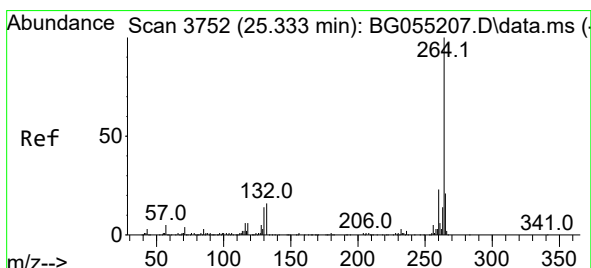
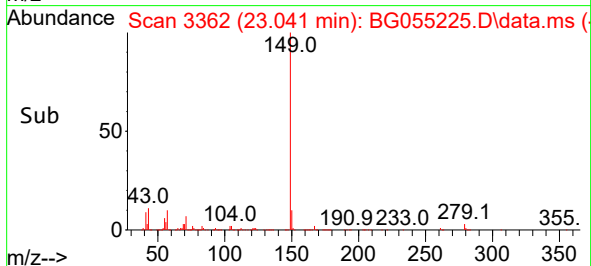
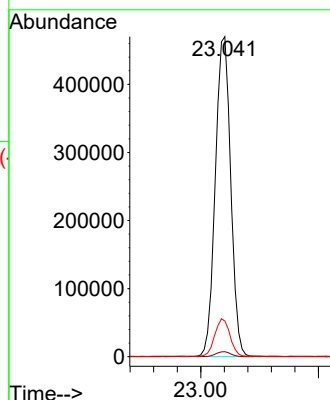
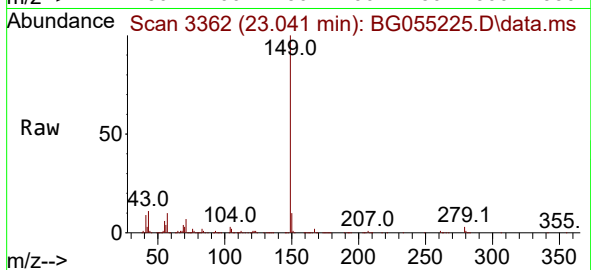
Tgt Ion:149 Resp: 852340

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.5 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.321 min Scan# 3750

Delta R.T. -0.012 min

Lab File: BG055225.D

Acq: 20 Oct 2022 18:32

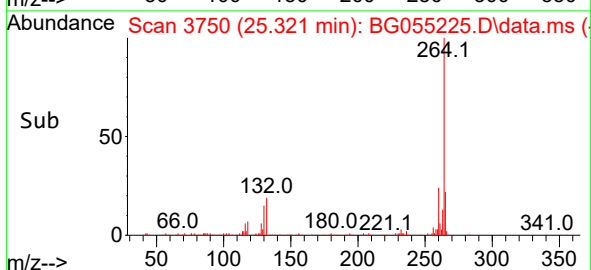
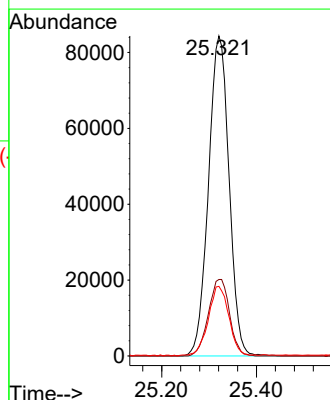
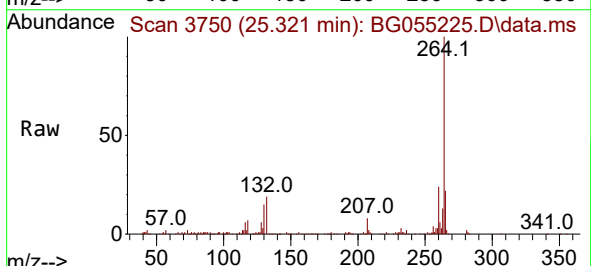
Tgt Ion:264 Resp: 253882

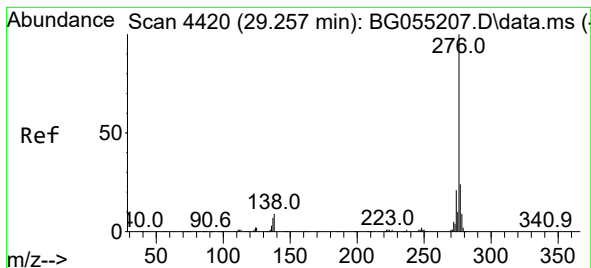
Ion Ratio Lower Upper

264 100

260 23.9 18.6 27.8

265 21.8 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.968 ng

RT: 29.251 min Scan# 44

Delta R.T. -0.006 min

Lab File: BG055225.D

Acq: 20 Oct 2022 18:32

Instrument :

BNA_G

ClientSampleId :

PB148458BS

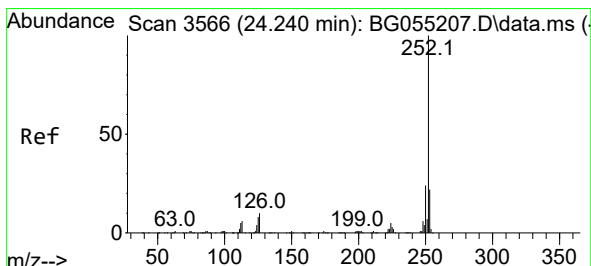
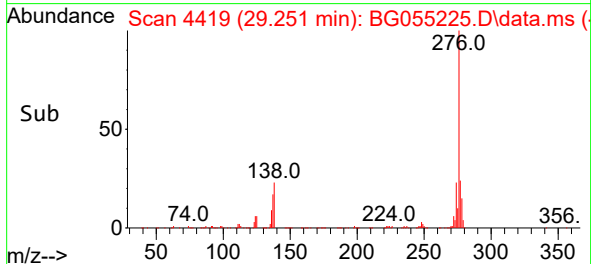
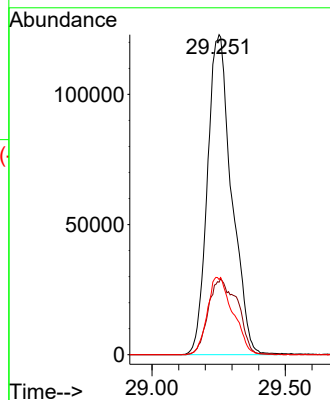
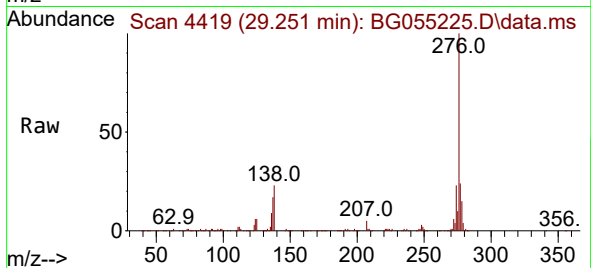
Tgt Ion:276 Resp: 776380

Ion Ratio Lower Upper

276 100

138 28.7 9.5 14.3#

277 25.7 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 45.854 ng

RT: 24.234 min Scan# 3565

Delta R.T. -0.006 min

Lab File: BG055225.D

Acq: 20 Oct 2022 18:32

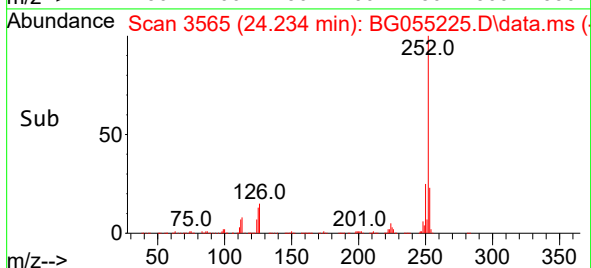
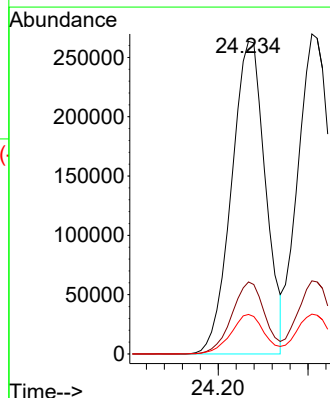
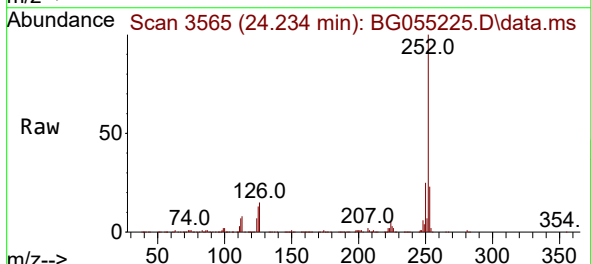
Tgt Ion:252 Resp: 691307

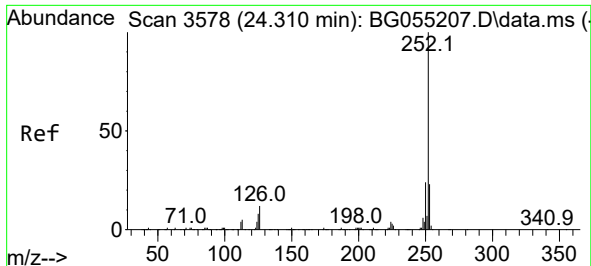
Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.6

125 12.6 6.2 9.2#

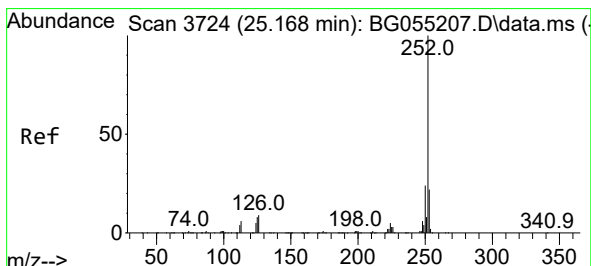
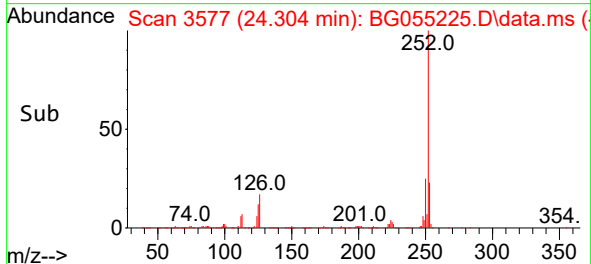
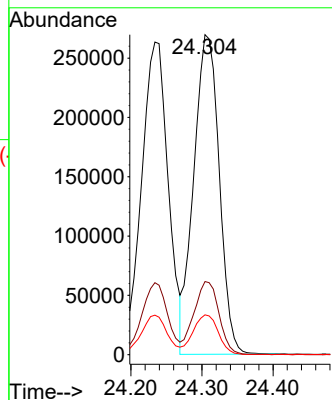
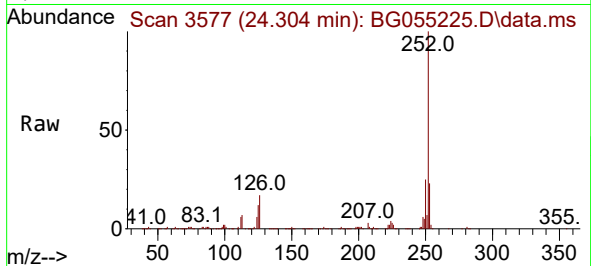




#89
Benzo(k)fluoranthene
Concen: 44.043 ng
RT: 24.304 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

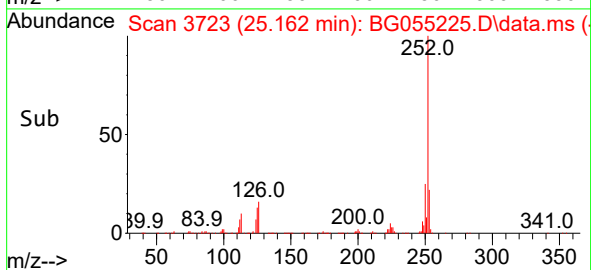
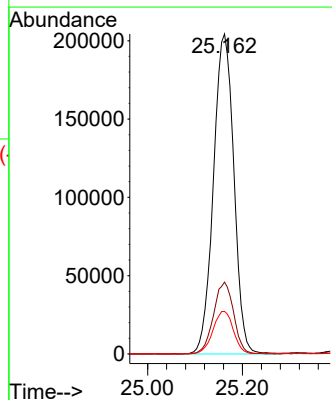
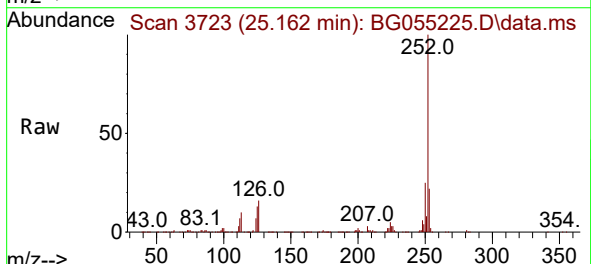
Instrument :
BNA_G
ClientSampleId :
PB148458BS

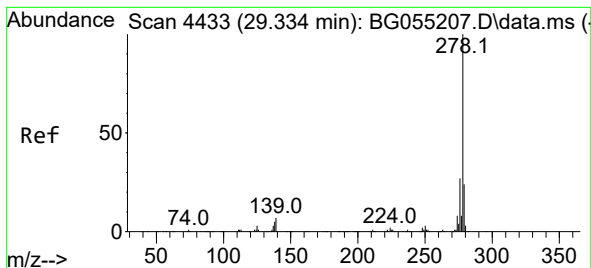
Tgt Ion:252 Resp: 672476
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 12.5 6.5 9.7#



#90
Benzo(a)pyrene
Concen: 47.213 ng
RT: 25.162 min Scan# 3723
Delta R.T. -0.006 min
Lab File: BG055225.D
Acq: 20 Oct 2022 18:32

Tgt Ion:252 Resp: 610950
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 13.3 6.2 9.2#





#91

Dibenzo(a,h)anthracene

Concen: 45.966 ng

RT: 29.316 min Scan# 4430

Delta R.T. -0.018 min

Lab File: BG055225.D

Acq: 20 Oct 2022 18:32

Instrument :

BNA_G

ClientSampleId :

PB148458BS

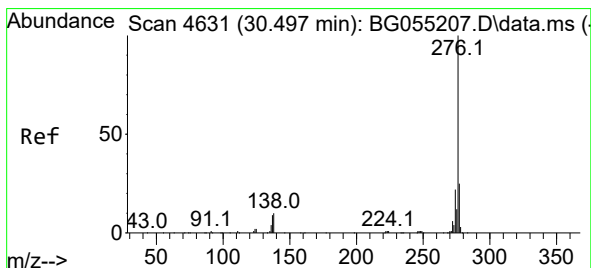
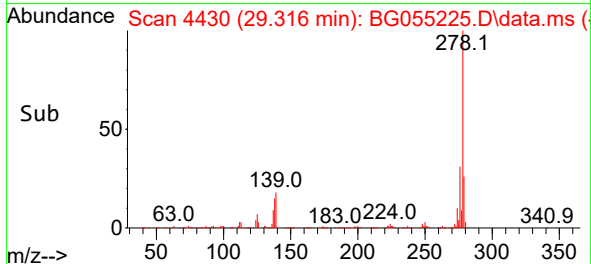
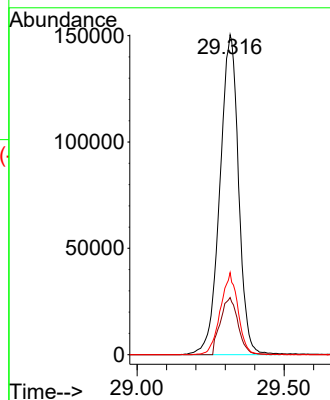
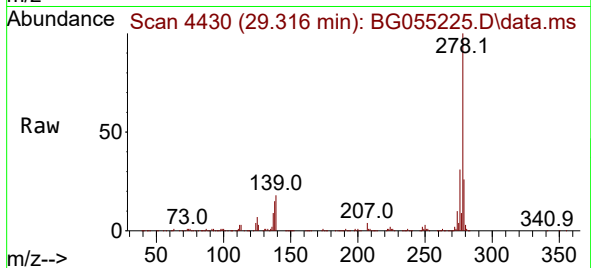
Tgt Ion:278 Resp: 664960

Ion Ratio Lower Upper

278 100

139 17.8 5.6 8.4#

279 25.7 19.5 29.3



#92

Benzo(g,h,i)perylene

Concen: 46.991 ng

RT: 30.479 min Scan# 4628

Delta R.T. -0.018 min

Lab File: BG055225.D

Acq: 20 Oct 2022 18:32

Tgt Ion:276 Resp: 658536

Ion Ratio Lower Upper

276 100

277 23.9 19.7 29.5

138 23.8 8.0 12.0#

