

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111022\
 Data File : BG055536.D
 Acq On : 10 Nov 2022 12:23
 Operator : CG/JU
 Sample : PB148779BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148779BS

Quant Time: Nov 11 01:58:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 03:39:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.271	152	50660	20.000	ng	0.00
21) Naphthalene-d8	11.103	136	225645	20.000	ng	0.00
39) Acenaphthene-d10	14.892	164	165047	20.000	ng	0.00
64) Phenanthrene-d10	17.630	188	389941	20.000	ng	0.00
76) Chrysene-d12	21.931	240	365862	20.000	ng	0.00
86) Perylene-d12	25.351	264	377530	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	451394	169.716	ng	0.00
7) Phenol-d6	7.407	99	592269	161.209	ng	0.00
23) Nitrobenzene-d5	9.446	82	327361	98.351	ng	0.00
42) 2,4,6-Tribromophenol	16.373	330	282675	175.534	ng	0.00
45) 2-Fluorobiphenyl	13.517	172	895013	81.797	ng	0.00
79) Terphenyl-d14	20.215	244	1611909	88.493	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.635	88	48523	35.918	ng	96
3) Pyridine	4.046	79	128906	34.318	ng	99
4) n-Nitrosodimethylamine	3.958	42	92544	45.264	ng	96
6) Aniline	7.583	93	221578	45.406	ng	99
8) 2-Chlorophenol	7.830	128	158981	53.392	ng	98
9) Benzaldehyde	7.395	77	80324	27.711	ng	98
10) Phenol	7.430	94	219815	51.973	ng	99
11) bis(2-Chloroethyl)ether	7.677	93	156888	46.073	ng	99
12) 1,3-Dichlorobenzene	8.159	146	168602	45.329	ng	99
13) 1,4-Dichlorobenzene	8.306	146	169291	44.972	ng	98
14) 1,2-Dichlorobenzene	8.629	146	167713	46.915	ng	98
15) Benzyl Alcohol	8.500	79	164336	51.294	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.799	45	305363	46.670	ng	100
17) 2-Methylphenol	8.700	107	154503	51.911	ng	99
18) Hexachloroethane	9.369	117	57964	46.382	ng	95
19) n-Nitroso-di-n-propyla...	9.076	70	139637	45.990	ng	97
20) 3+4-Methylphenols	9.029	107	209390	50.500	ng	97
22) Acetophenone	9.099	105	264173	44.010	ng	98
24) Nitrobenzene	9.487	77	184488	48.178	ng	100
25) Isophorone	10.010	82	398107	46.816	ng	99
26) 2-Nitrophenol	10.204	139	57517	45.878	ng	# 91
27) 2,4-Dimethylphenol	10.245	122	171709	56.476	ng	99
28) bis(2-Chloroethoxy)met...	10.492	93	227416	49.601	ng	100
29) 2,4-Dichlorophenol	10.738	162	171443	51.311	ng	95
30) 1,2,4-Trichlorobenzene	10.962	180	174253	41.634	ng	99
31) Naphthalene	11.155	128	514185	42.148	ng	98
32) Benzoic acid	10.368	122	87053	47.429	ng	98
33) 4-Chloroaniline	11.249	127	176906	34.692	ng	98
34) Hexachlorobutadiene	11.437	225	115568	41.402	ng	99
35) Caprolactam	12.060	113	32607	28.627	ng	94
36) 4-Chloro-3-methylphenol	12.342	107	201494	51.160	ng	99
37) 2-Methylnaphthalene	12.736	142	390949	42.652	ng	99
38) 1-Methylnaphthalene	12.953	142	376214	41.961	ng	99
40) 1,2,4,5-Tetrachloroben...	13.100	216	210597	42.716	ng	98
41) Hexachlorocyclopentadiene	13.083	237	239836	113.633	ng	96
43) 2,4,6-Trichlorophenol	13.329	196	147098	50.743	ng	96

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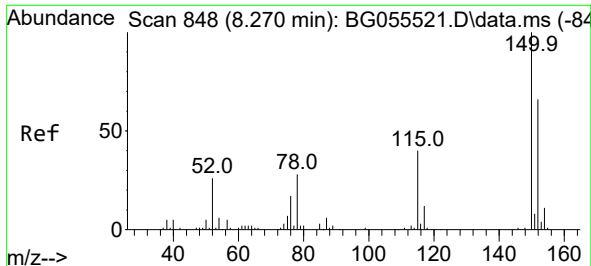
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.394	196	163086	49.143	ng	98
46) 1,1'-Biphenyl	13.729	154	535859	44.379	ng	98
47) 2-Chloronaphthalene	13.776	162	397576	42.630	ng	100
48) 2-Nitroaniline	13.964	65	116409	48.421	ng	98
49) Acenaphthylene	14.616	152	678782	43.987	ng	99
50) Dimethylphthalate	14.334	163	572816	45.674	ng	99
51) 2,6-Dinitrotoluene	14.452	165	107842	48.857	ng	98
52) Acenaphthene	14.957	154	446533	46.351	ng	99
53) 3-Nitroaniline	14.781	138	94339	36.521	ng	98
54) 2,4-Dinitrophenol	14.986	184	87135	111.743	ng	# 77
55) Dibenzofuran	15.286	168	662080	42.987	ng	99
56) 4-Nitrophenol	15.069	139	202597	109.095	ng	97
57) 2,4-Dinitrotoluene	15.239	165	148211	50.677	ng	98
58) Fluorene	15.932	166	524373	42.795	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.503	232	150330	48.873	ng	99
60) Diethylphthalate	15.691	149	584743	45.832	ng	99
61) 4-Chlorophenyl-phenyle...	15.920	204	288094	44.203	ng	99
62) 4-Nitroaniline	15.944	138	124697	50.150	ng	97
63) Azobenzene	16.214	77	540899	43.738	ng	99
65) 4,6-Dinitro-2-methylph...	15.997	198	56838	45.941	ng	94
66) n-Nitrosodiphenylamine	16.132	169	488108	44.683	ng	100
67) 4-Bromophenyl-phenylether	16.814	248	190197	47.812	ng	99
68) Hexachlorobenzene	16.937	284	205471	43.446	ng	95
69) Atrazine	17.072	200	201949	51.083	ng	98
70) Pentachlorophenol	17.272	266	251666	97.131	ng	99
71) Phenanthrene	17.671	178	900572	42.972	ng	99
72) Anthracene	17.765	178	908647	44.243	ng	99
73) Carbazole	18.024	167	837757	45.135	ng	100
74) Di-n-butylphthalate	18.570	149	1000673	47.021	ng	98
75) Fluoranthene	19.669	202	1068869	42.770	ng	99
77) Benzidine	19.839	184	497769	50.290	ng	99
78) Pyrene	20.027	202	1076847	43.489	ng	99
80) Butylbenzylphthalate	20.903	149	431612	45.923	ng	98
81) Benzo(a)anthracene	21.908	228	1092072	43.578	ng	98
82) 3,3'-Dichlorobenzidine	21.814	252	345095	42.194	ng	99
83) Chrysene	21.978	228	1026103	43.060	ng	100
84) Bis(2-ethylhexyl)phtha...	21.802	149	645450	51.650	ng	100
85) Di-n-octyl phthalate	23.089	149	1074854	49.772	ng	100
87) Indeno(1,2,3-cd)pyrene	29.293	276	1287259	44.768	ng	98
88) Benzo(b)fluoranthene	24.264	252	1186315	49.594	ng	100
89) Benzo(k)fluoranthene	24.334	252	1124330	45.976	ng	99
90) Benzo(a)pyrene	25.192	252	1036513	50.303	ng	99
91) Dibenzo(a,h)anthracene	29.369	278	1115037	46.846	ng	99
92) Benzo(g,h,i)perylene	30.533	276	1101632	47.346	ng	99

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

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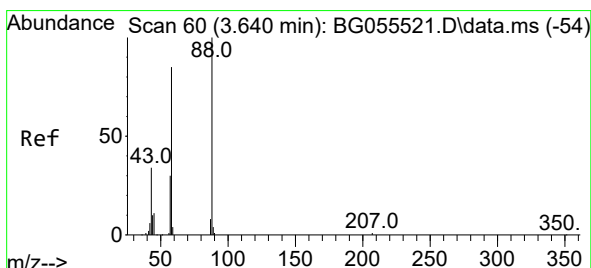
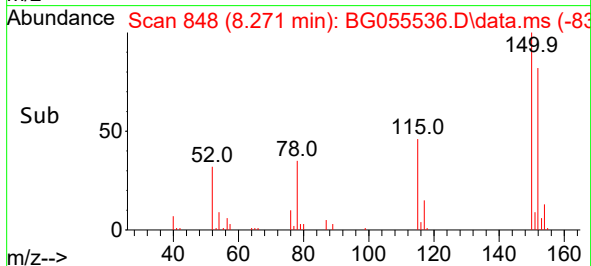
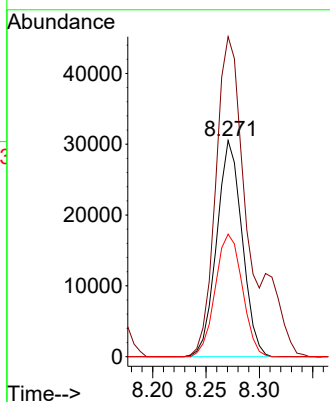
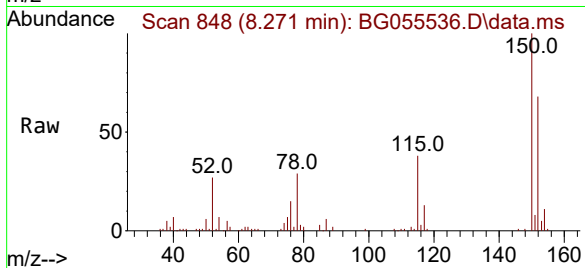




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.271 min Scan# 84
 Delta R.T. 0.001 min
 Lab File: BG055536.D
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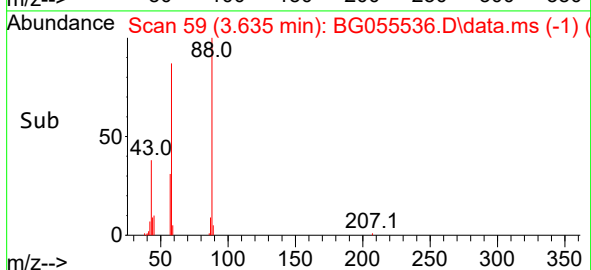
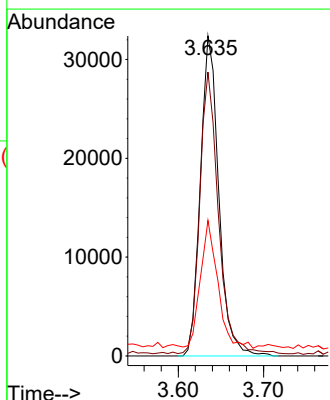
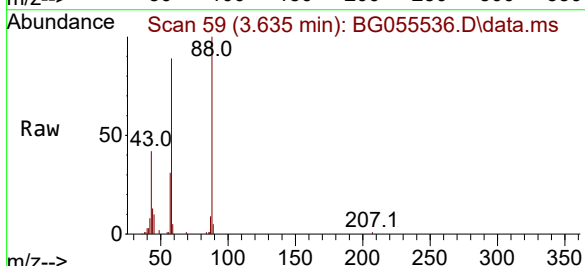
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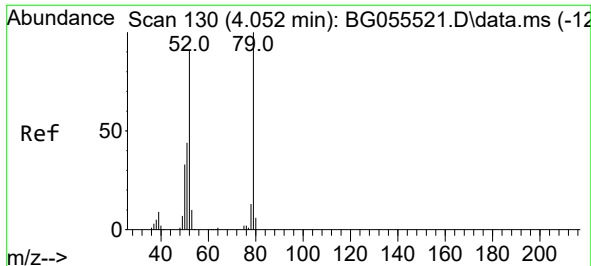
Tgt Ion:152 Resp: 50660
 Ion Ratio Lower Upper
 152 100
 150 148.0 121.0 181.4
 115 56.7 47.8 71.8



#2
 1,4-Dioxane
 Concen: 35.918 ng
 RT: 3.635 min Scan# 59
 Delta R.T. -0.005 min
 Lab File: BG055536.D
 Acq: 10 Nov 2022 12:23

Tgt Ion: 88 Resp: 48523
 Ion Ratio Lower Upper
 88 100
 58 88.9 68.9 103.3
 43 37.8 27.1 40.7

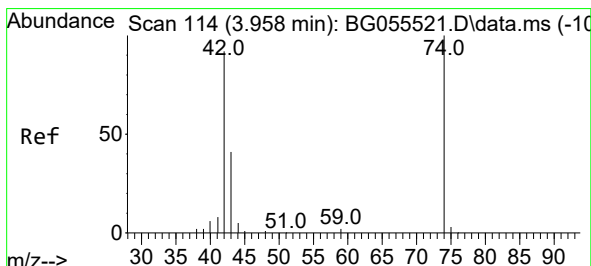
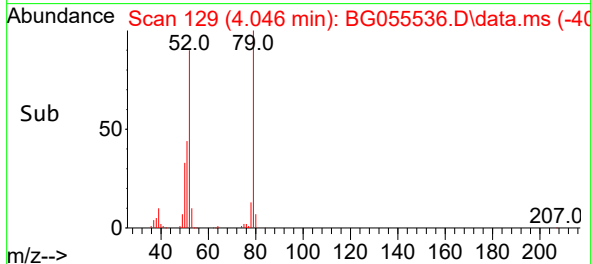
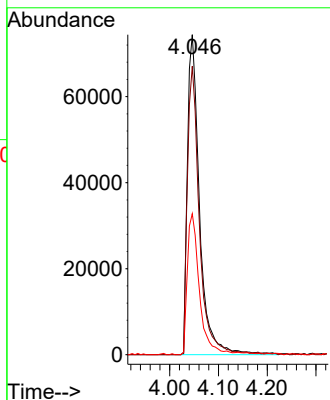
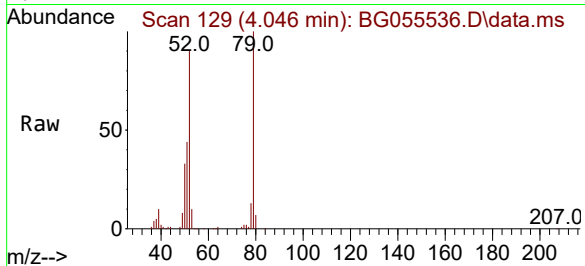




#3
Pyridine
Concen: 34.318 ng
RT: 4.046 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

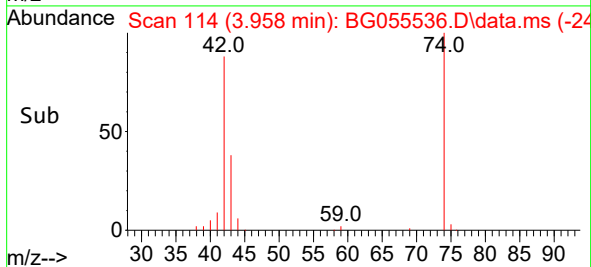
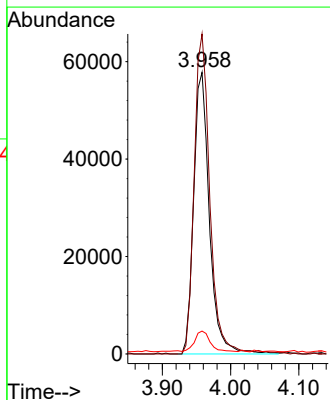
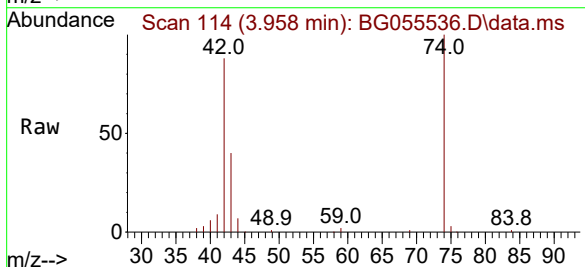
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ClientSampleId :
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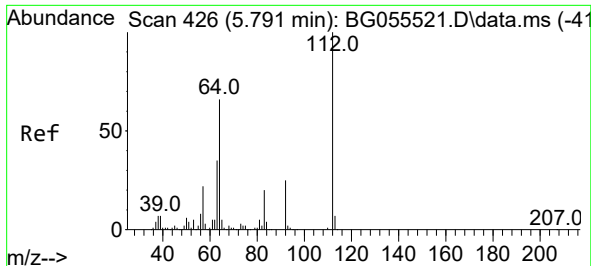
Tgt Ion: 79 Resp: 128906
Ion Ratio Lower Upper
79 100
52 90.1 72.7 109.1
51 44.1 36.0 54.0



#4
n-Nitrosodimethylamine
Concen: 45.264 ng
RT: 3.958 min Scan# 114
Delta R.T. -0.000 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

Tgt Ion: 42 Resp: 92544
Ion Ratio Lower Upper
42 100
74 113.6 87.1 130.7
44 8.1 5.6 8.4

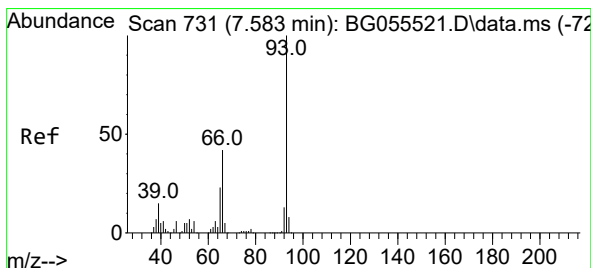
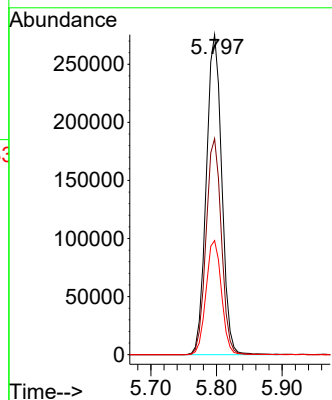
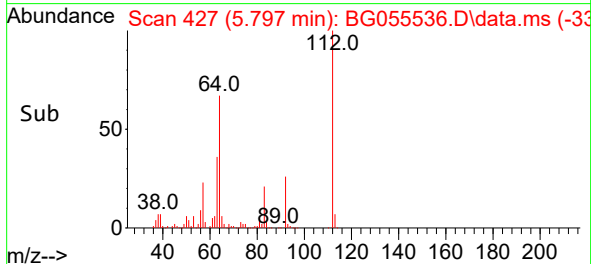
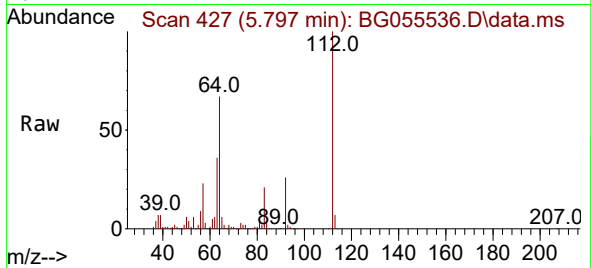




#5
2-Fluorophenol
Concen: 169.716 ng
RT: 5.797 min Scan# 41
Delta R.T. 0.006 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

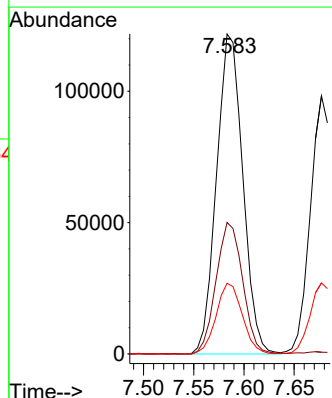
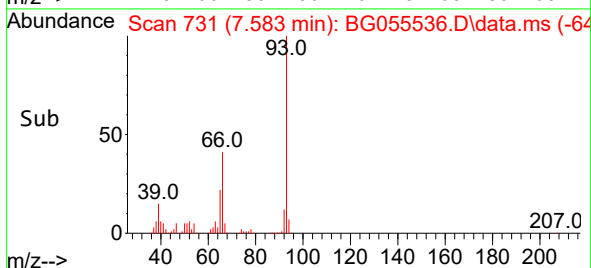
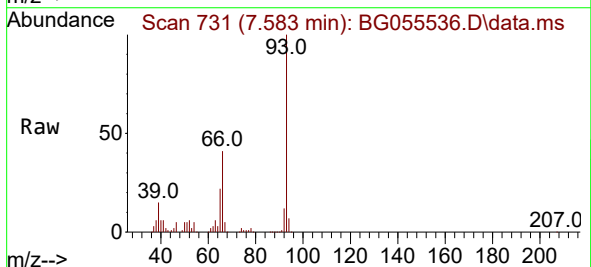
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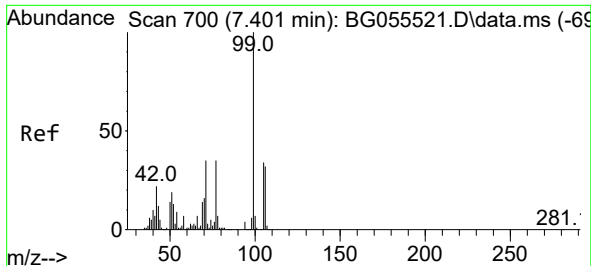
Tgt Ion:112 Resp: 451394
Ion Ratio Lower Upper
112 100
64 67.5 52.6 78.8
63 35.7 28.3 42.5



#6
Aniline
Concen: 45.406 ng
RT: 7.583 min Scan# 731
Delta R.T. 0.000 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

Tgt Ion: 93 Resp: 221578
Ion Ratio Lower Upper
93 100
66 41.1 33.2 49.8
65 22.1 18.1 27.1

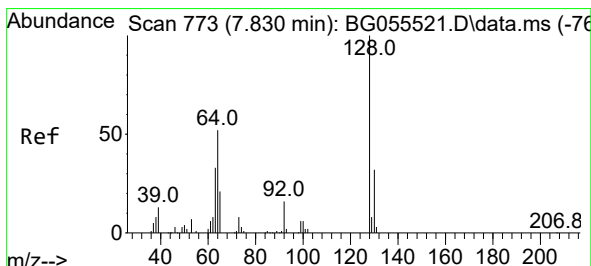
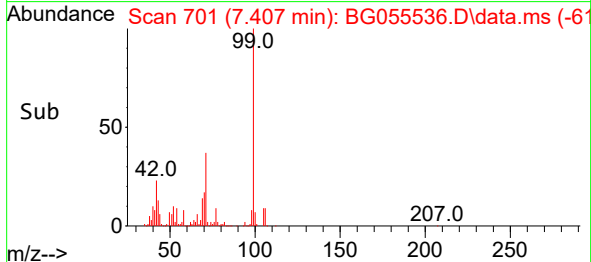
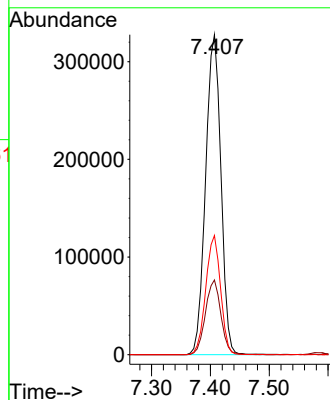
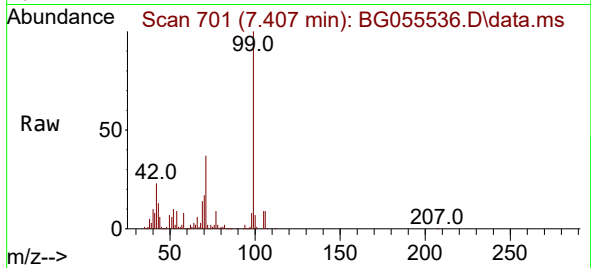




#7
Phenol-d6
Concen: 161.209 ng
RT: 7.407 min Scan# 700
Delta R.T. 0.006 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

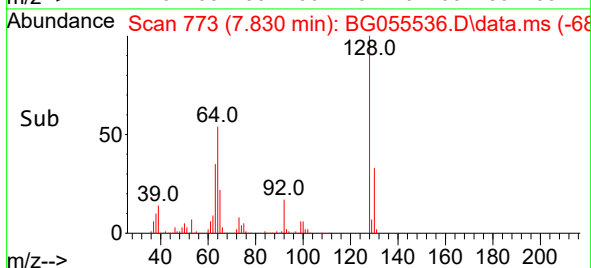
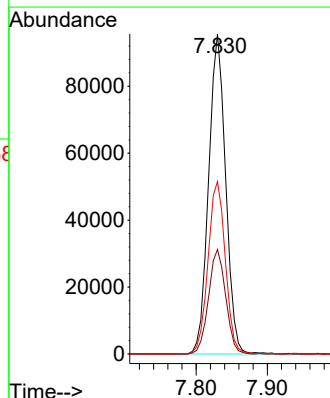
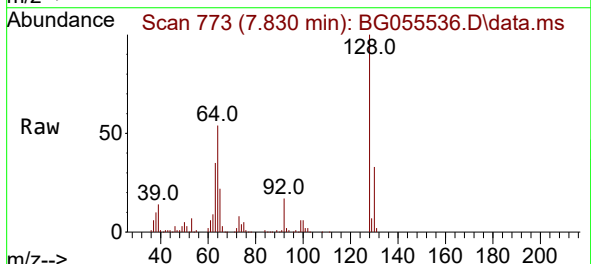
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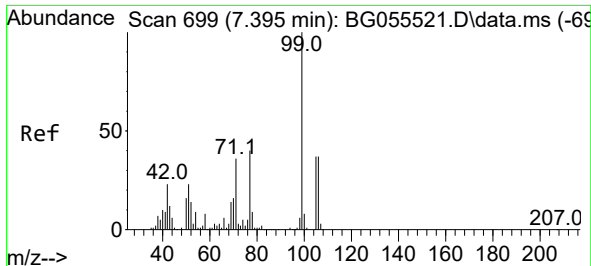
Tgt Ion: 99 Resp: 592269
Ion Ratio Lower Upper
99 100
42 23.4 17.5 26.3
71 37.3 28.3 42.5



#8
2-Chlorophenol
Concen: 53.392 ng
RT: 7.830 min Scan# 773
Delta R.T. -0.000 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

Tgt Ion: 128 Resp: 158981
Ion Ratio Lower Upper
128 100
130 32.7 12.2 52.2
64 53.9 35.5 75.5

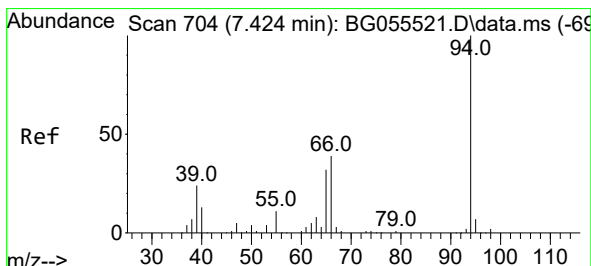
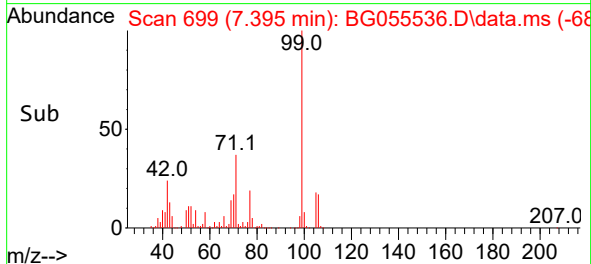
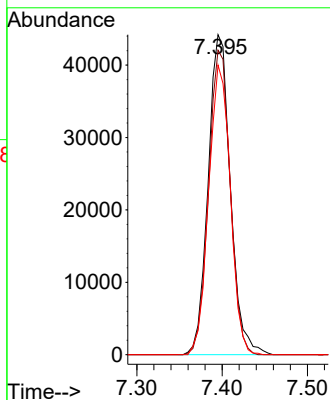
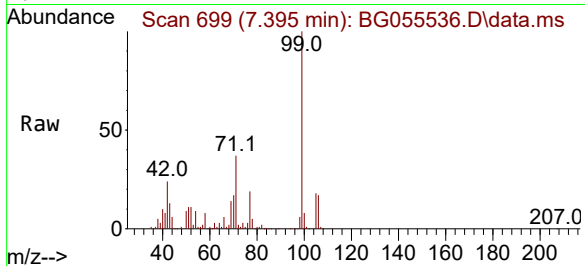




#9
Benzaldehyde
Concen: 27.711 ng
RT: 7.395 min Scan# 699
Delta R.T. 0.000 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

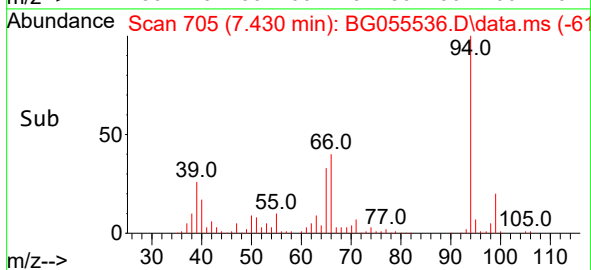
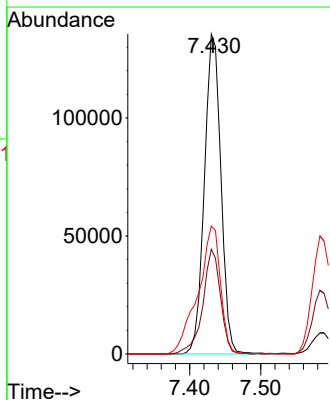
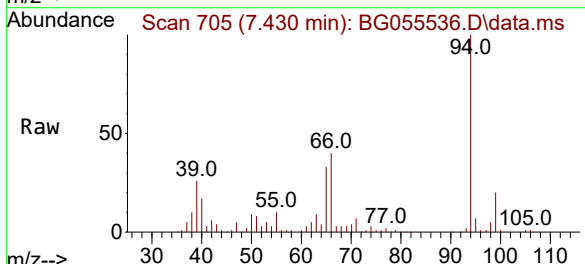
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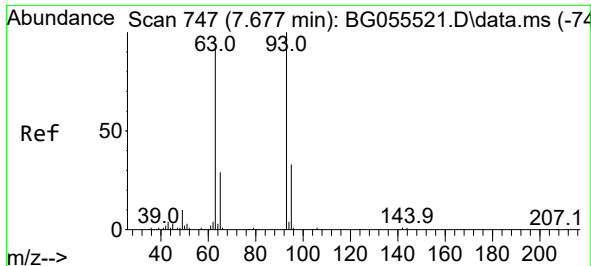
Tgt Ion: 77 Resp: 80324
Ion Ratio Lower Upper
77 100
105 95.2 73.9 113.9
106 90.5 73.1 113.1



#10
Phenol
Concen: 51.973 ng
RT: 7.430 min Scan# 705
Delta R.T. 0.006 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

Tgt Ion: 94 Resp: 219815
Ion Ratio Lower Upper
94 100
65 32.7 11.9 51.9
66 40.0 20.3 60.3

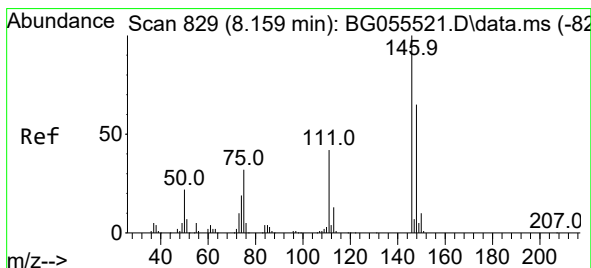
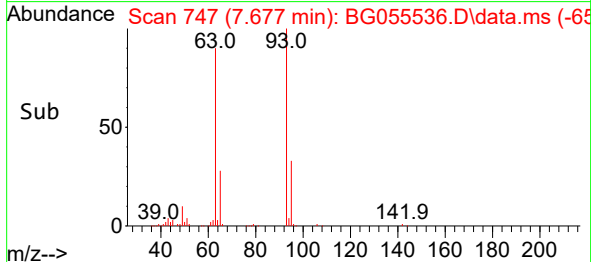
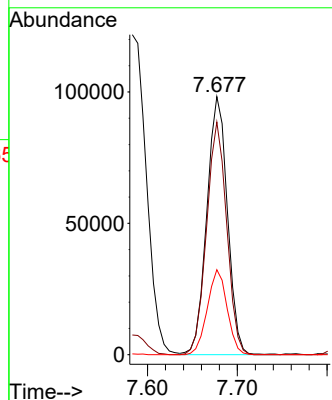
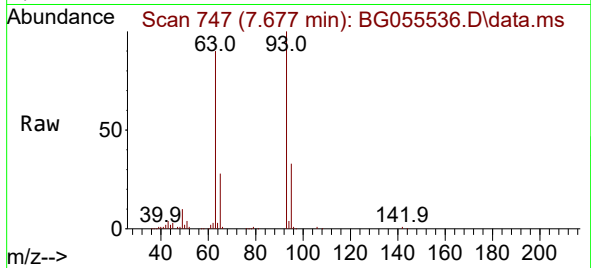




#11
bis(2-Chloroethyl)ether
Concen: 46.073 ng
RT: 7.677 min Scan# 747
Delta R.T. 0.000 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

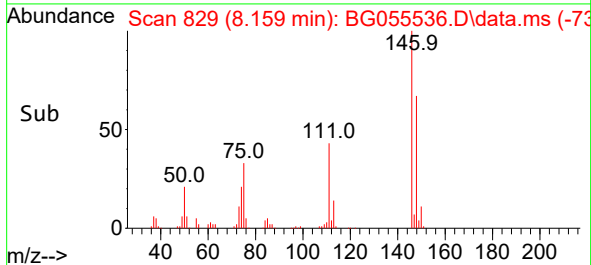
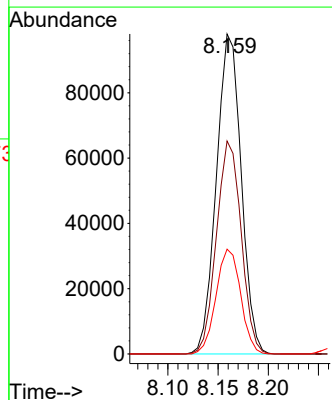
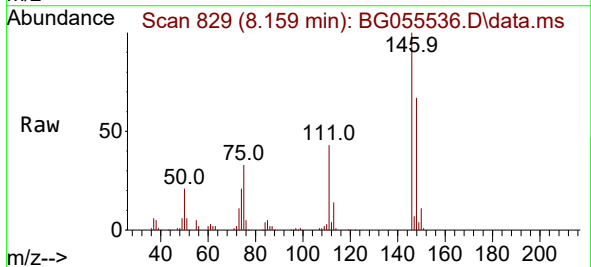
Instrument :
BNA_G
ClientSampleId :
PB148779BS

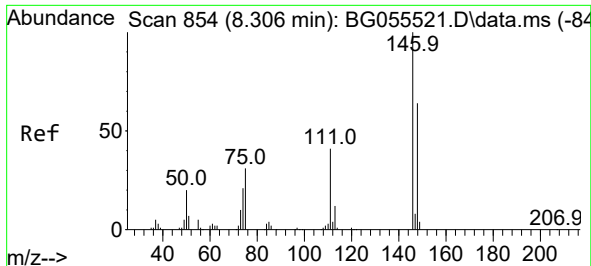
Tgt Ion: 93 Resp: 156888
Ion Ratio Lower Upper
93 100
63 90.1 71.2 111.2
95 32.9 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 45.329 ng
RT: 8.159 min Scan# 829
Delta R.T. -0.000 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

Tgt Ion: 146 Resp: 168602
Ion Ratio Lower Upper
146 100
148 66.6 52.2 78.4
75 32.8 25.8 38.8

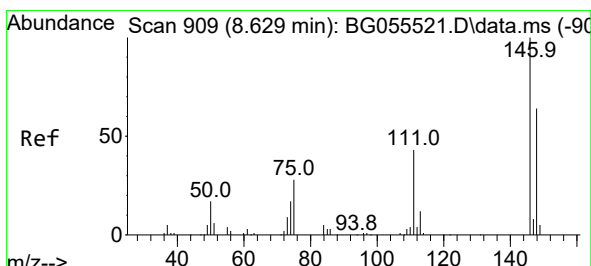
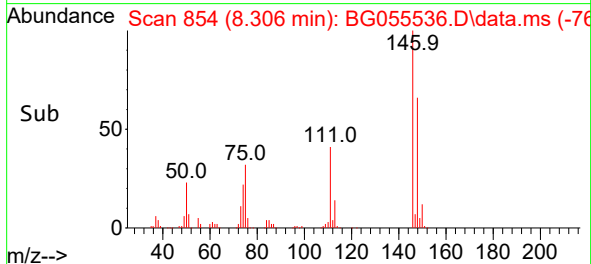
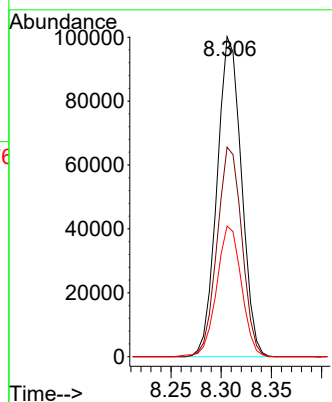
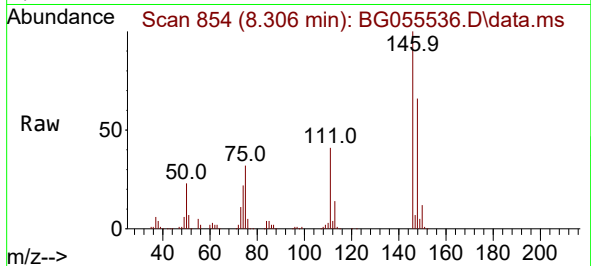




#13
1,4-Dichlorobenzene
Concen: 44.972 ng
RT: 8.306 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

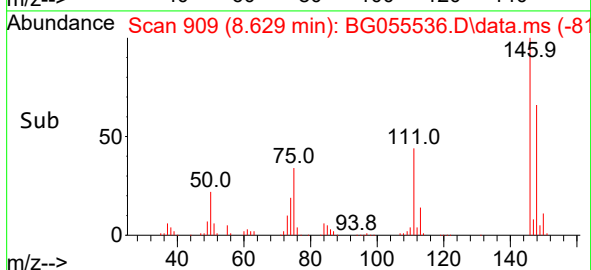
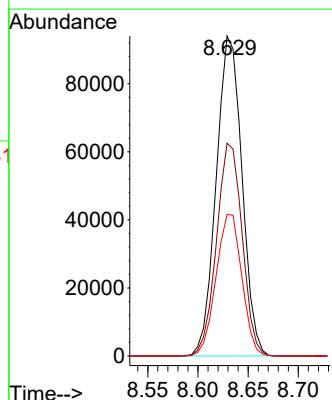
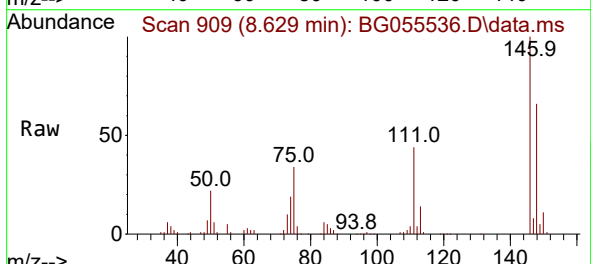
Instrument :
BNA_G
ClientSampleId :
PB148779BS

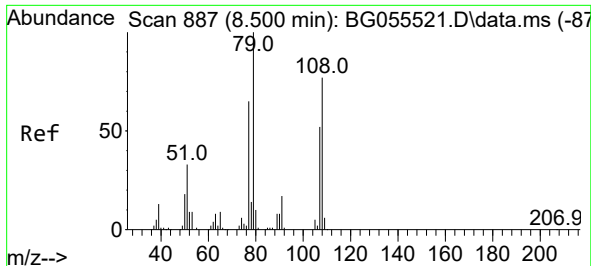
Tgt Ion:146 Resp: 169291
Ion Ratio Lower Upper
146 100
148 65.5 51.0 76.6
111 40.8 33.0 49.6



#14
1,2-Dichlorobenzene
Concen: 46.915 ng
RT: 8.629 min Scan# 909
Delta R.T. -0.000 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

Tgt Ion:146 Resp: 167713
Ion Ratio Lower Upper
146 100
148 66.5 51.8 77.6
111 44.3 34.6 52.0

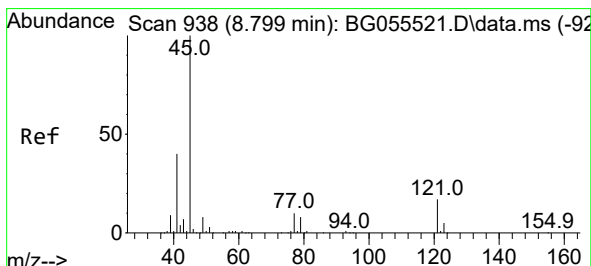
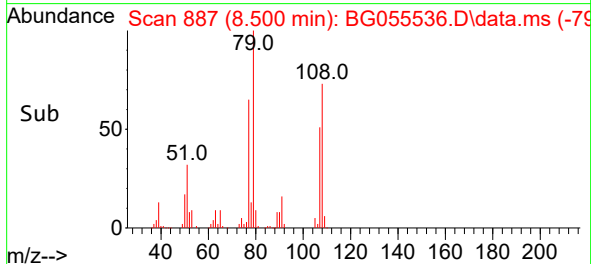
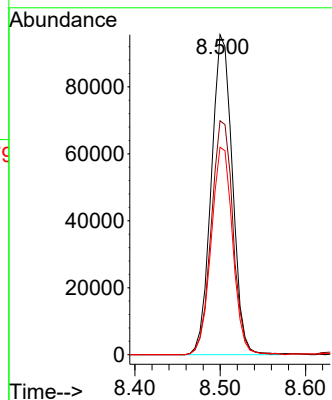
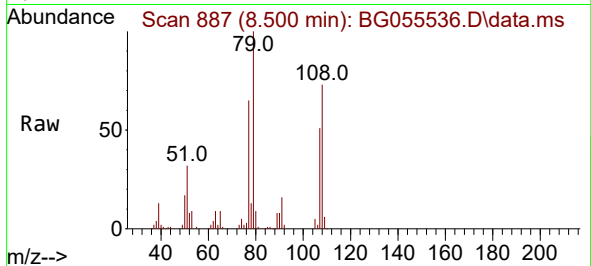




#15
Benzyl Alcohol
Concen: 51.294 ng
RT: 8.500 min Scan# 887
Delta R.T. -0.000 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

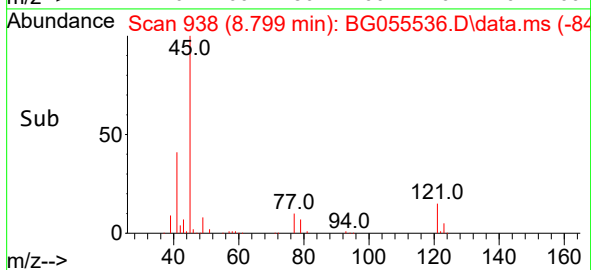
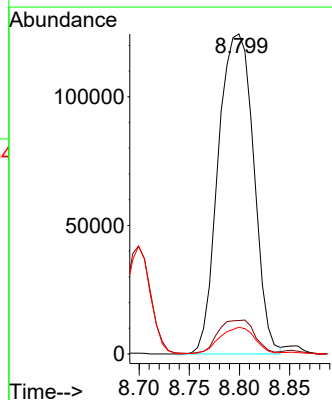
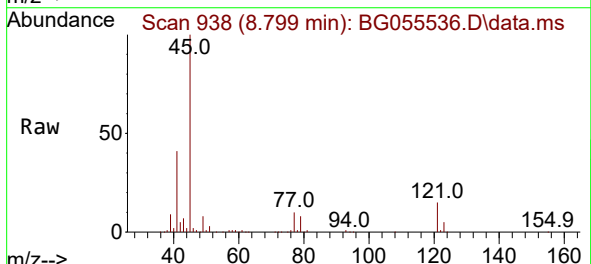
Instrument :
BNA_G
ClientSampleId :
PB148779BS

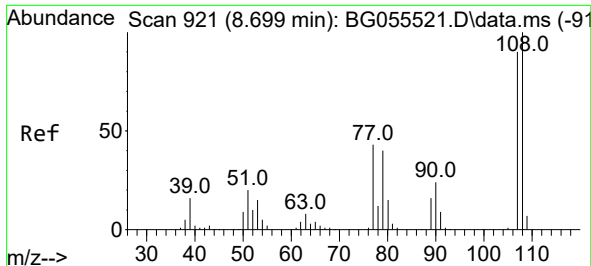
Tgt Ion: 79 Resp: 164336
Ion Ratio Lower Upper
79 100
108 73.1 61.8 92.6
77 64.9 52.4 78.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.670 ng
RT: 8.799 min Scan# 938
Delta R.T. 0.000 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

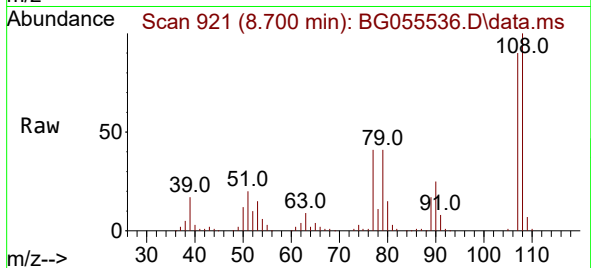
Tgt Ion: 45 Resp: 305363
Ion Ratio Lower Upper
45 100
77 10.5 0.0 30.4
79 8.4 0.0 28.3



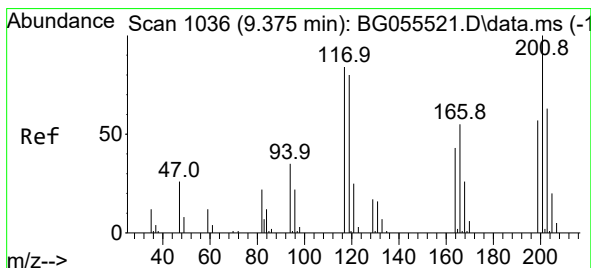
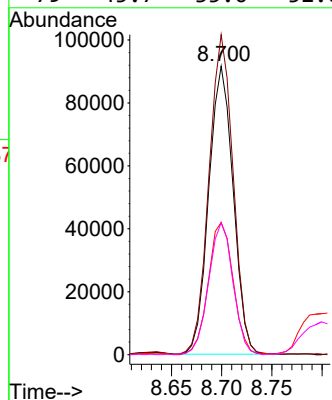
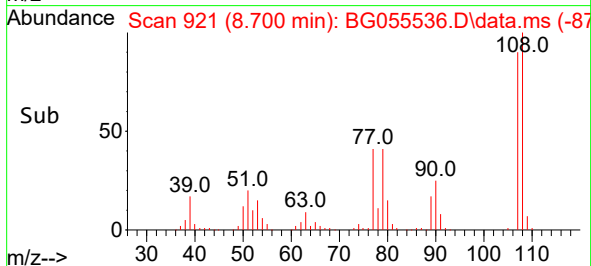


#17
2-Methylphenol
Concen: 51.911 ng
RT: 8.700 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

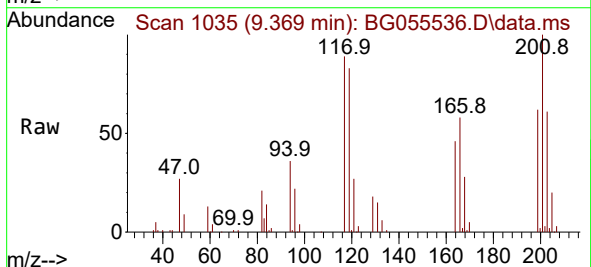
Instrument :
BNA_G
ClientSampleId :
PB148779BS



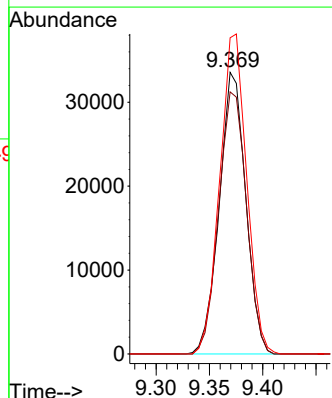
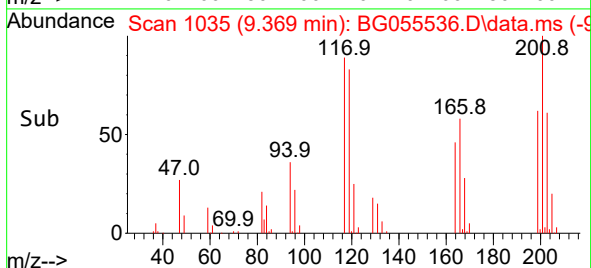
Tgt Ion:	107	Resp:	154503
Ion	Ratio	Lower	Upper
107	100		
108	110.9	88.6	132.8
77	45.9	38.2	57.2
79	45.7	35.0	52.6

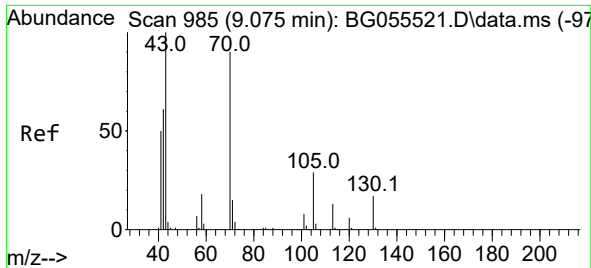


#18
Hexachloroethane
Concen: 46.382 ng
RT: 9.369 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23



Tgt Ion:	117	Resp:	57964
Ion	Ratio	Lower	Upper
117	100		
119	93.1	77.3	115.9
201	112.3	94.8	142.2



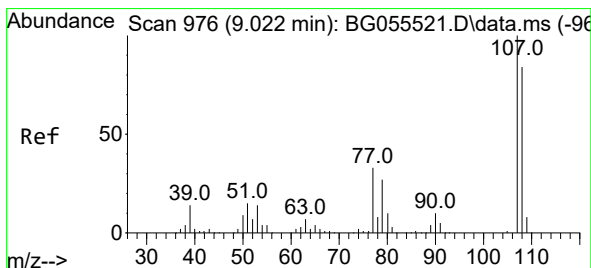
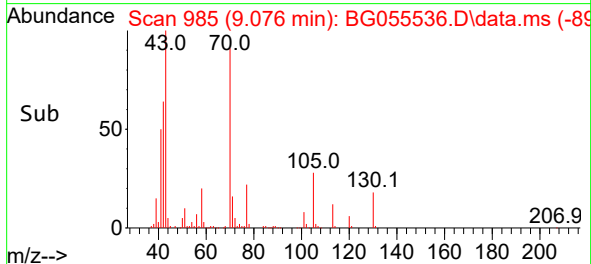
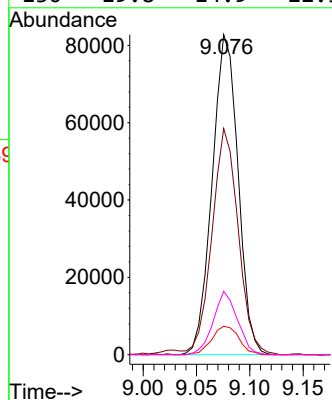
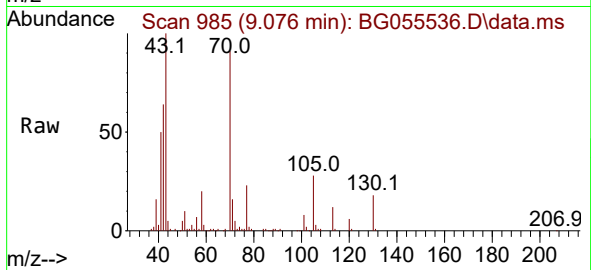


#19
n-Nitroso-di-n-propylamine
Concen: 45.990 ng
RT: 9.076 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

Instrument :
BNA_G
ClientSampleId :
PB148779BS

Tgt Ion: 70 Resp: 139637

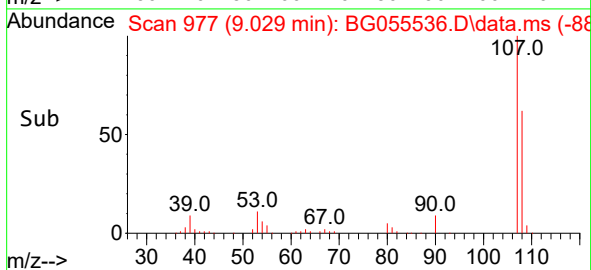
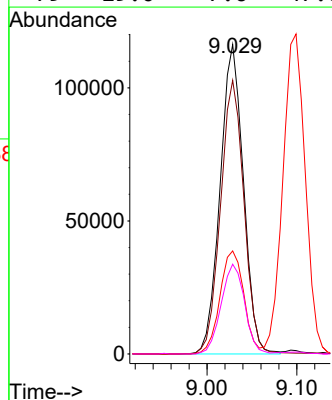
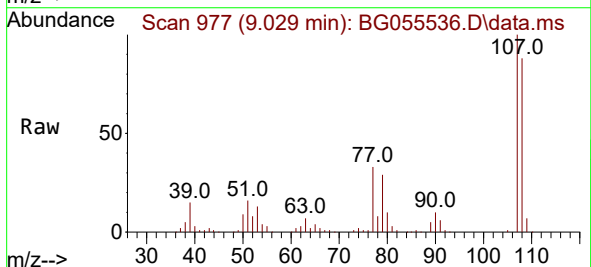
Ion	Ratio	Lower	Upper
70	100		
42	70.7	54.8	82.2
101	8.9	6.8	10.2
130	19.8	14.9	22.3

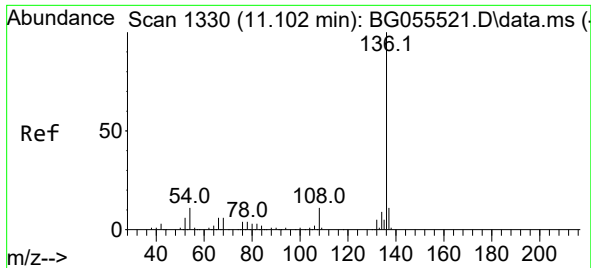


#20
3+4-Methylphenols
Concen: 50.500 ng
RT: 9.029 min Scan# 977
Delta R.T. 0.007 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

Tgt Ion: 107 Resp: 209390

Ion	Ratio	Lower	Upper
107	100		
108	88.4	63.9	103.9
77	33.3	13.2	53.2
79	29.0	7.6	47.6

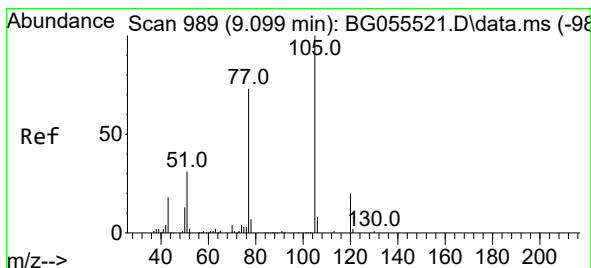
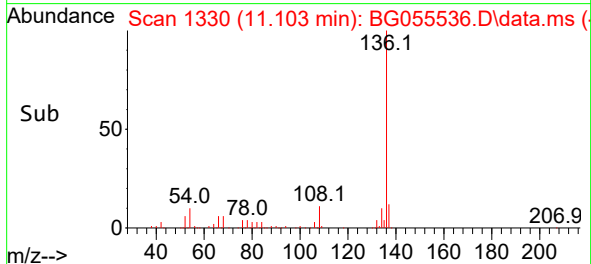
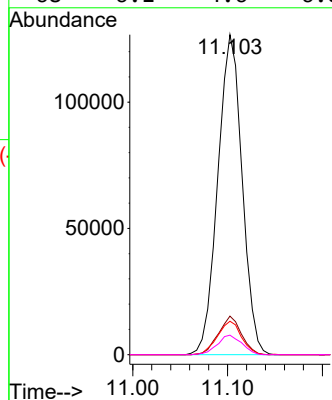
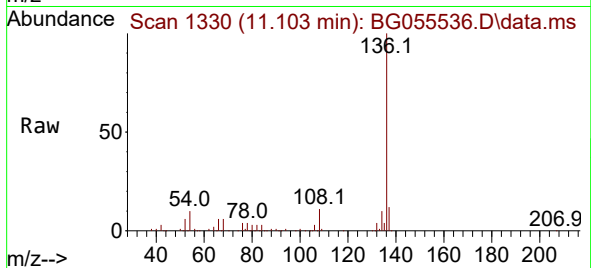




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.103 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

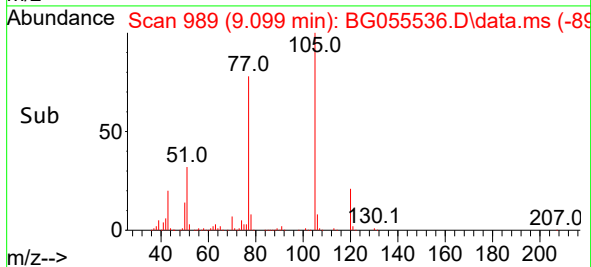
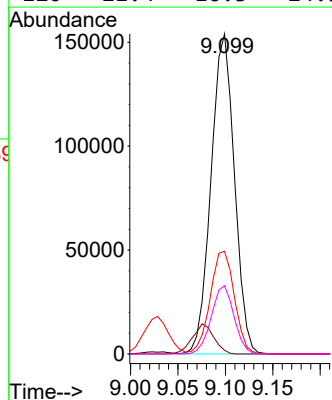
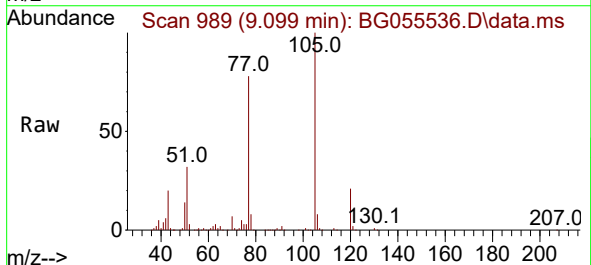
Instrument :
BNA_G
ClientSampleId :
PB148779BS

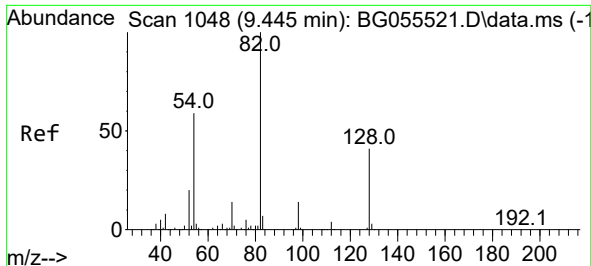
Tgt Ion:136 Resp: 225645
Ion Ratio Lower Upper
136 100
137 12.0 8.6 12.8
54 10.5 8.6 12.8
68 6.1 4.6 6.8



#22
Acetophenone
Concen: 44.010 ng
RT: 9.099 min Scan# 989
Delta R.T. 0.000 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

Tgt Ion:105 Resp: 264173
Ion Ratio Lower Upper
105 100
71 1.2 0.8 1.2
51 32.1 26.5 39.7
120 21.4 16.3 24.5

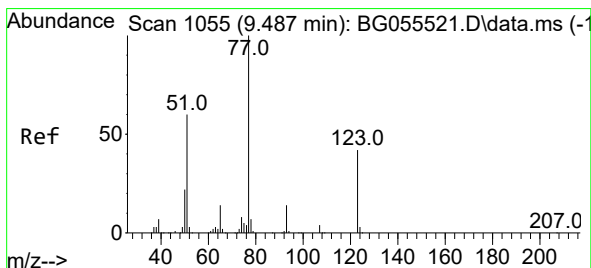
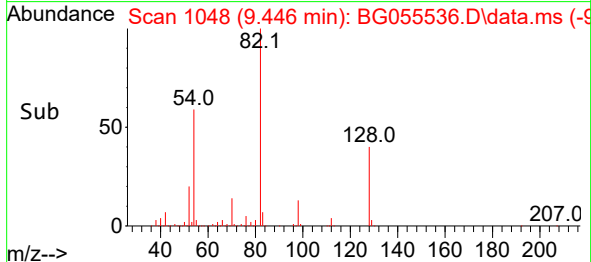
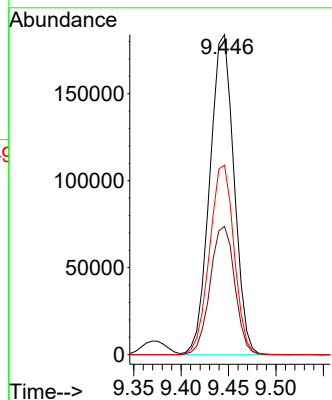
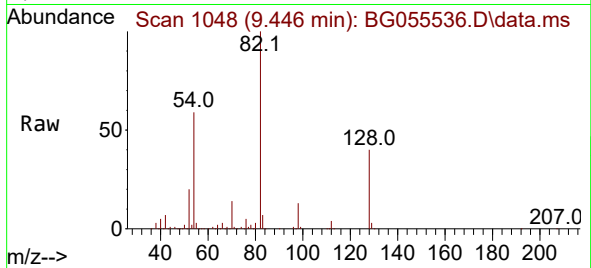




#23
Nitrobenzene-d5
Concen: 98.351 ng
RT: 9.446 min Scan# 1048
Delta R.T. 0.001 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

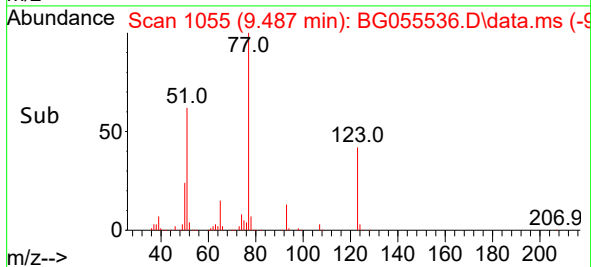
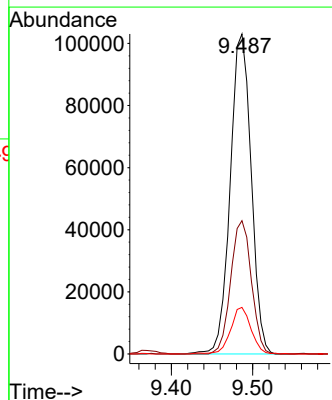
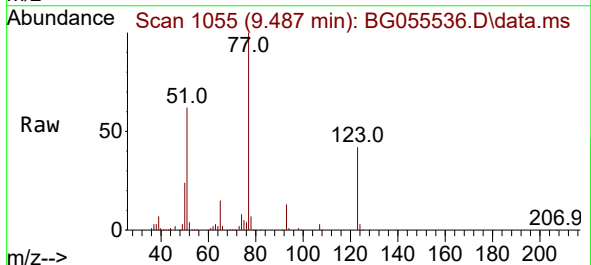
Instrument :
BNA_G
ClientSampleId :
PB148779BS

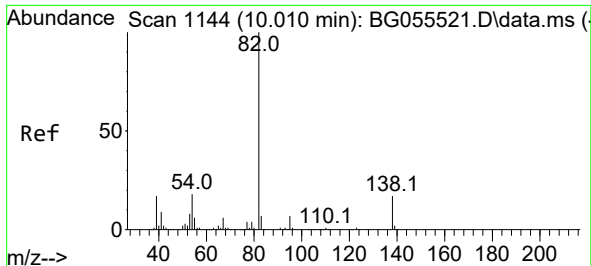
Tgt Ion: 82 Resp: 327361
Ion Ratio Lower Upper
82 100
128 40.1 32.6 49.0
54 59.3 47.3 70.9



#24
Nitrobenzene
Concen: 48.178 ng
RT: 9.487 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

Tgt Ion: 77 Resp: 184488
Ion Ratio Lower Upper
77 100
123 41.6 33.4 50.2
65 14.6 11.5 17.3

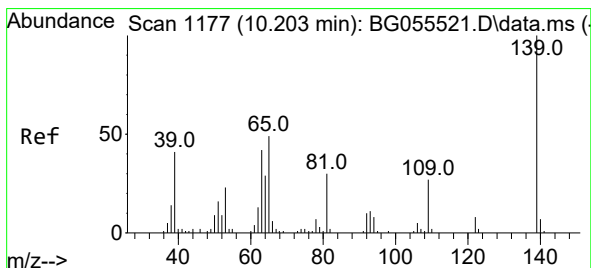
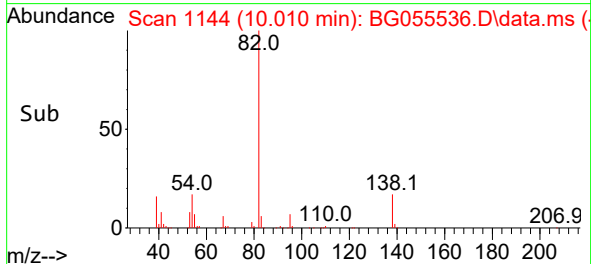
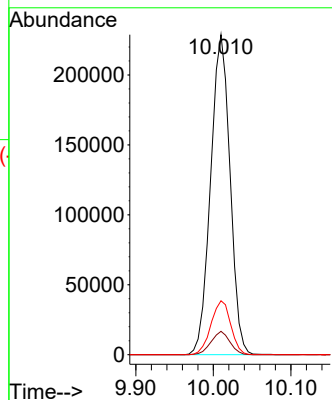
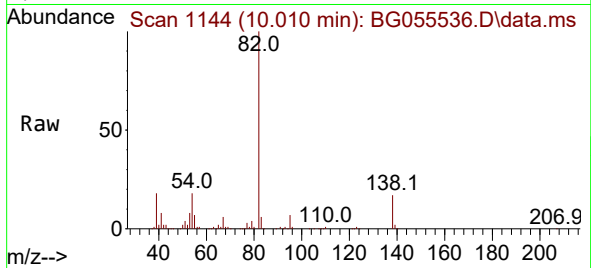




#25
Isophorone
Concen: 46.816 ng
RT: 10.010 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

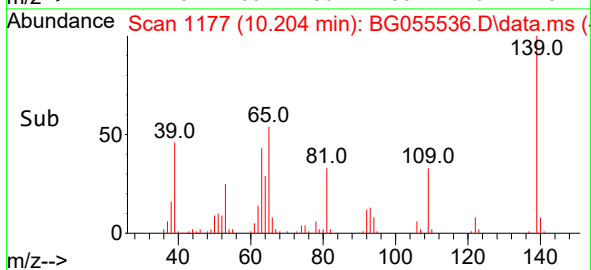
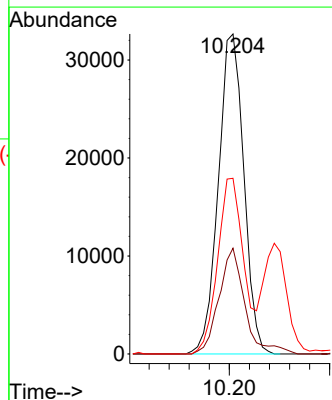
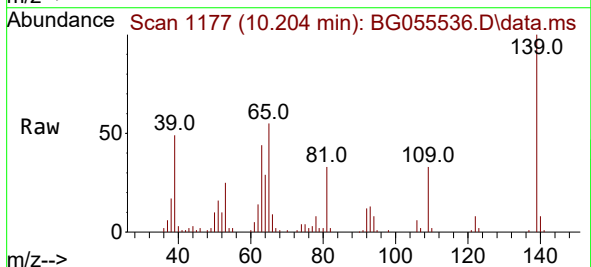
Instrument :
BNA_G
ClientSampleId :
PB148779BS

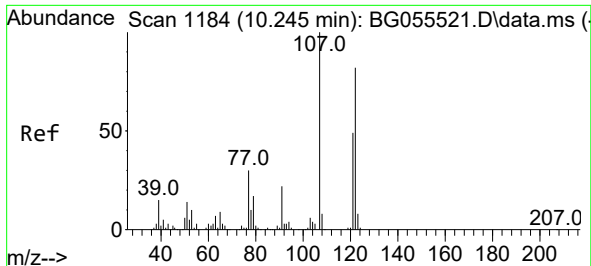
Tgt Ion: 82 Resp: 398107
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 16.9 13.8 20.6



#26
2-Nitrophenol
Concen: 45.878 ng
RT: 10.204 min Scan# 1177
Delta R.T. 0.001 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

Tgt Ion:139 Resp: 57517
Ion Ratio Lower Upper
139 100
109 33.1 21.5 32.3#
65 54.9 39.6 59.4





#27

2,4-Dimethylphenol

Concen: 56.476 ng

RT: 10.245 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BG055536.D

Acq: 10 Nov 2022 12:23

Instrument :

BNA_G

ClientSampleId :

PB148779BS

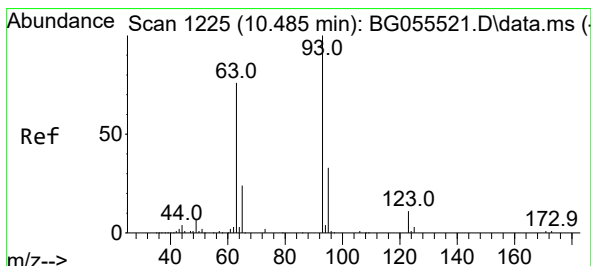
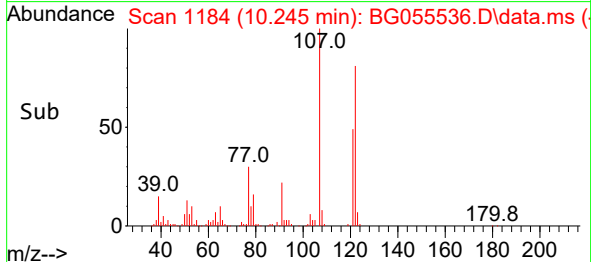
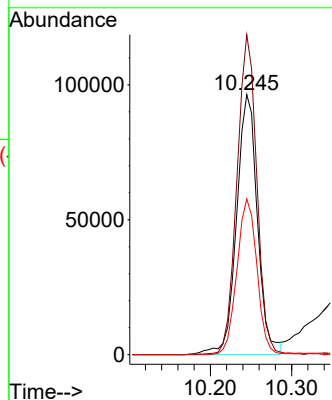
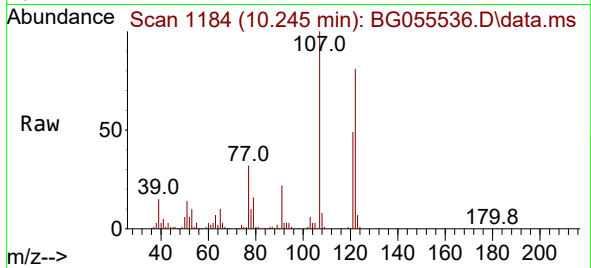
Tgt Ion:122 Resp: 171709

Ion Ratio Lower Upper

122 100

107 123.0 97.8 146.6

121 59.8 47.9 71.9



#28

bis(2-Chloroethoxy)methane

Concen: 49.601 ng

RT: 10.492 min Scan# 1226

Delta R.T. 0.007 min

Lab File: BG055536.D

Acq: 10 Nov 2022 12:23

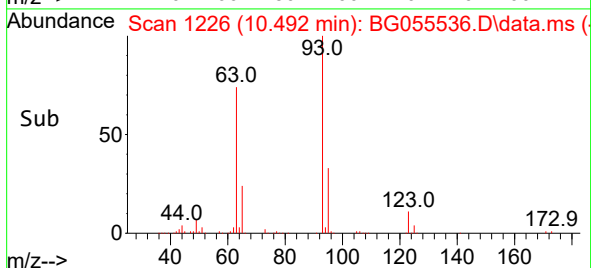
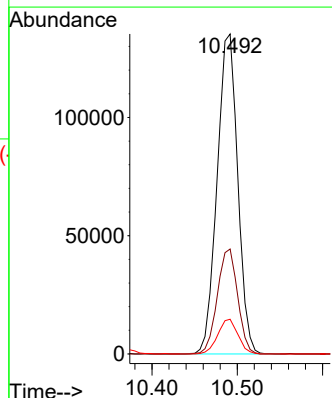
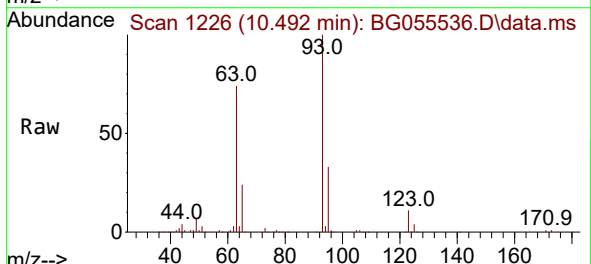
Tgt Ion: 93 Resp: 227416

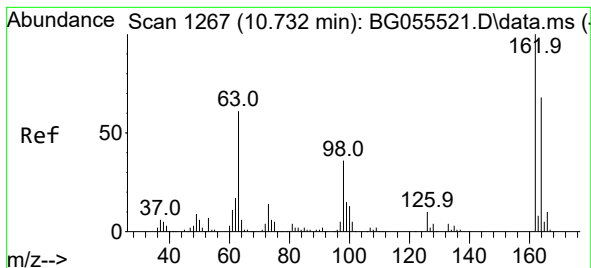
Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.4

123 10.8 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 51.311 ng

RT: 10.738 min Scan# 11

Delta R.T. 0.006 min

Lab File: BG055536.D

Acq: 10 Nov 2022 12:23

Instrument :

BNA_G

ClientSampleId :

PB148779BS

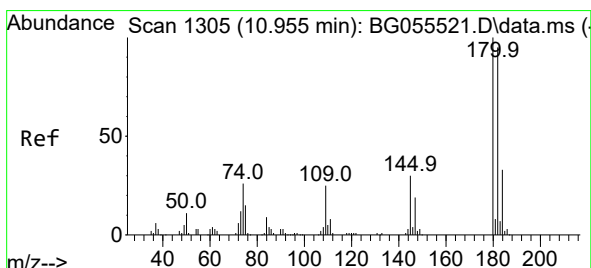
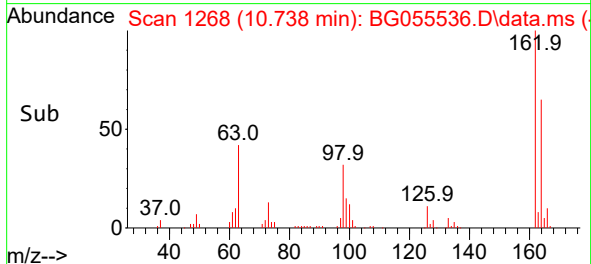
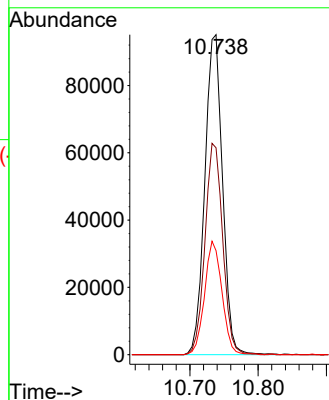
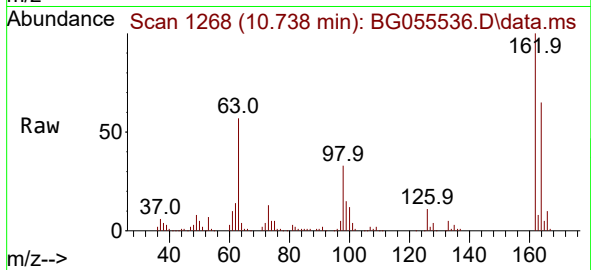
Tgt Ion:162 Resp: 171443

Ion Ratio Lower Upper

162 100

164 64.7 48.3 88.3

98 32.5 15.6 55.6



#30

1,2,4-Trichlorobenzene

Concen: 41.634 ng

RT: 10.962 min Scan# 1306

Delta R.T. 0.007 min

Lab File: BG055536.D

Acq: 10 Nov 2022 12:23

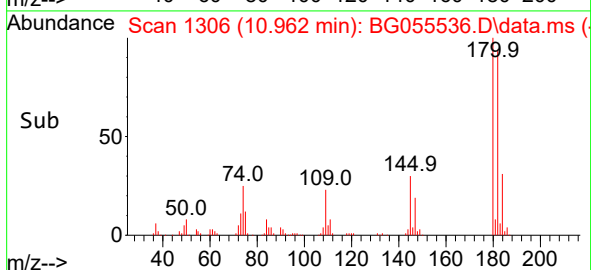
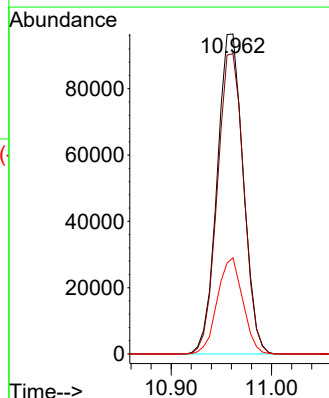
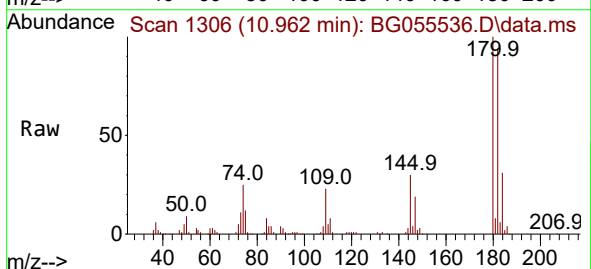
Tgt Ion:180 Resp: 174253

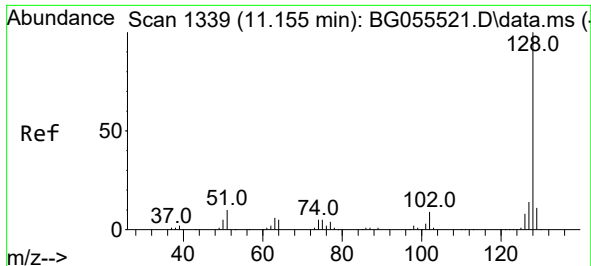
Ion Ratio Lower Upper

180 100

182 93.8 75.9 113.9

145 30.0 23.8 35.6

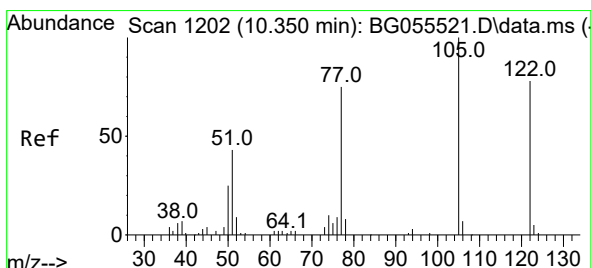
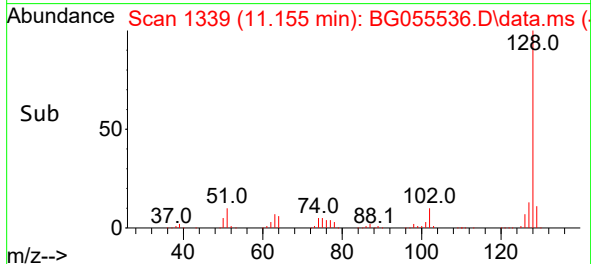
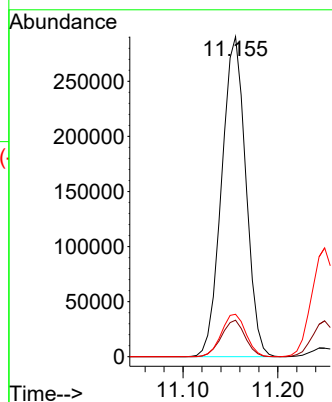
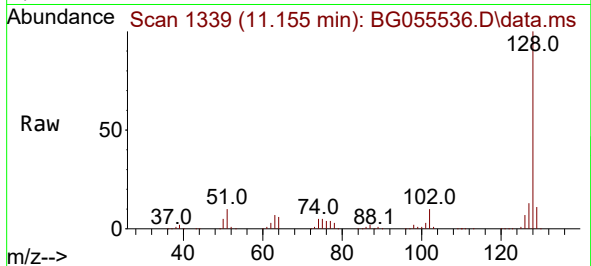




#31
Naphthalene
Concen: 42.148 ng
RT: 11.155 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

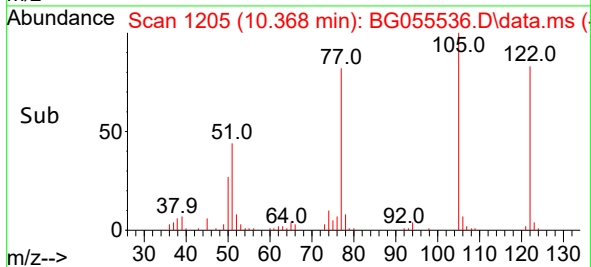
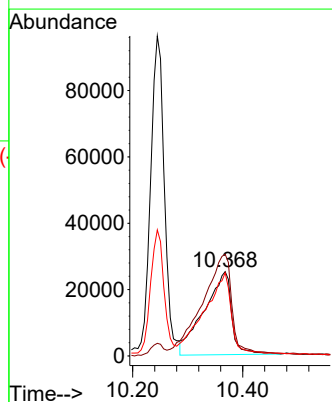
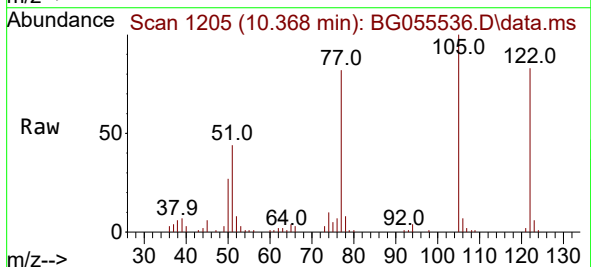
Instrument :
BNA_G
ClientSampleId :
PB148779BS

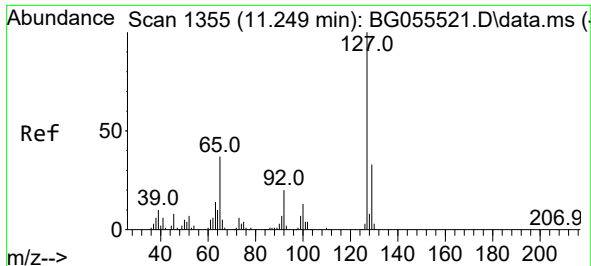
Tgt Ion:128 Resp: 514185
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.2 11.1 16.7



#32
Benzoic acid
Concen: 47.429 ng
RT: 10.368 min Scan# 1205
Delta R.T. 0.018 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

Tgt Ion:122 Resp: 87053
Ion Ratio Lower Upper
122 100
105 120.8 101.2 141.2
77 98.6 74.4 114.4

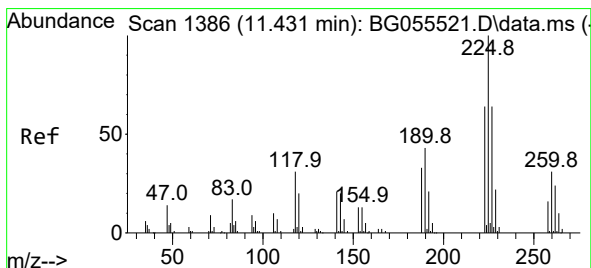
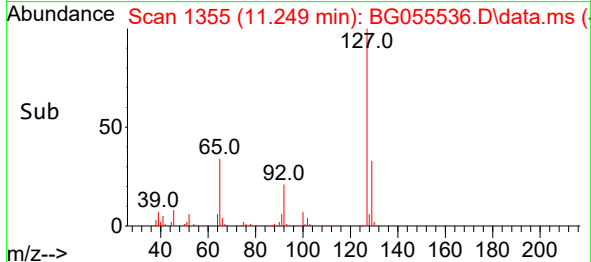
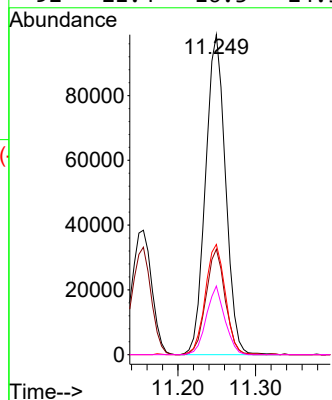
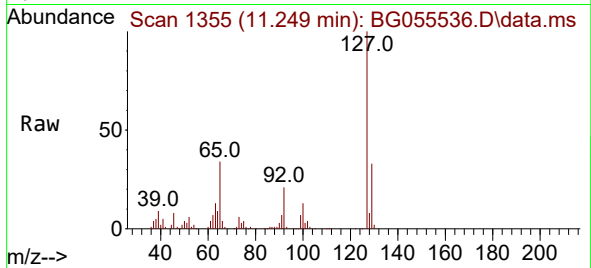




#33
4-Chloroaniline
Concen: 34.692 ng
RT: 11.249 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

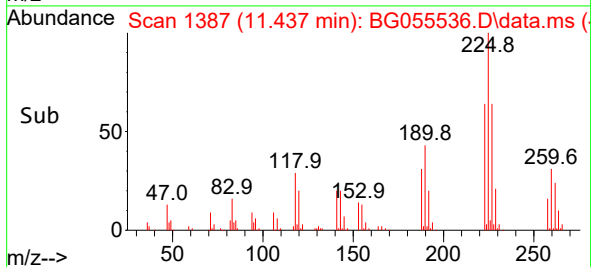
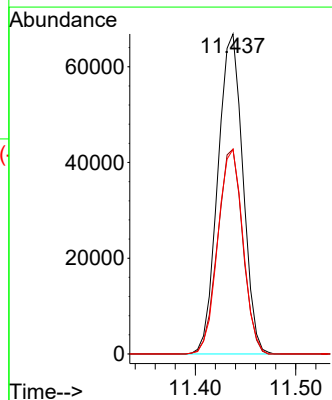
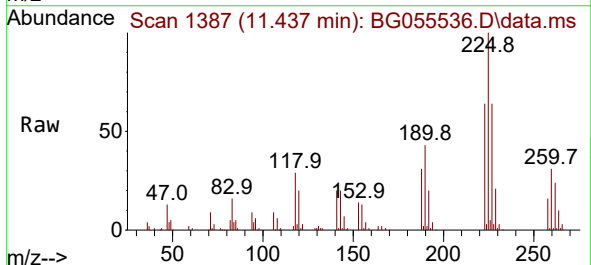
Instrument :
BNA_G
ClientSampleId :
PB148779BS

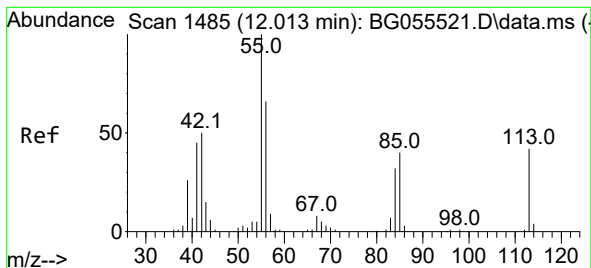
Tgt Ion:	127	Resp:	176906
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.5	39.7
65	34.5	29.3	43.9
92	21.4	16.3	24.5



#34
Hexachlorobutadiene
Concen: 41.402 ng
RT: 11.437 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

Tgt Ion:	225	Resp:	115568
Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.5	77.3
227	64.0	51.6	77.4





#35

Caprolactam

Concen: 28.627 ng

RT: 12.060 min Scan# 1493

Delta R.T. 0.047 min

Lab File: BG055536.D

Acq: 10 Nov 2022 12:23

Instrument :

BNA_G

ClientSampleId :

PB148779BS

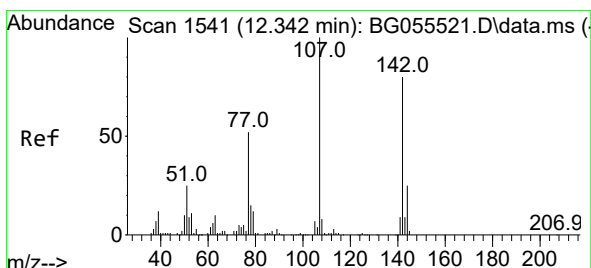
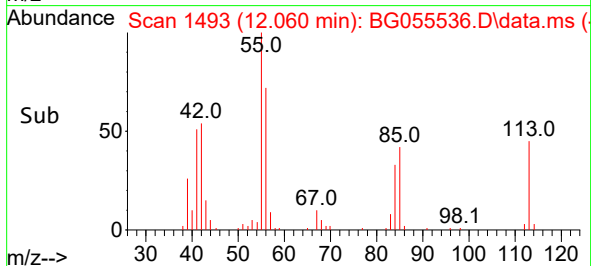
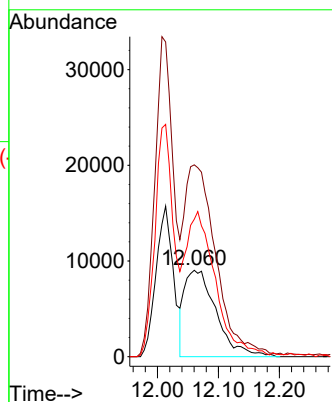
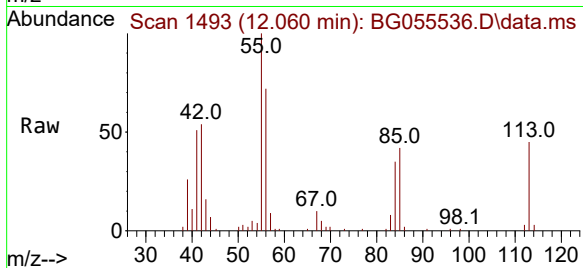
Tgt Ion:113 Resp: 32607

Ion Ratio Lower Upper

113 100

55 222.1 215.6 255.6

56 159.2 136.5 176.5



#36

4-Chloro-3-methylphenol

Concen: 51.160 ng

RT: 12.342 min Scan# 1541

Delta R.T. 0.000 min

Lab File: BG055536.D

Acq: 10 Nov 2022 12:23

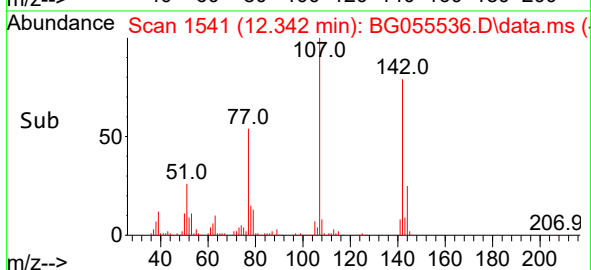
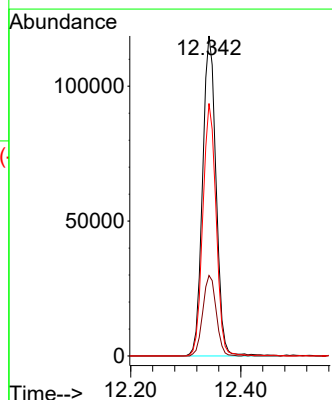
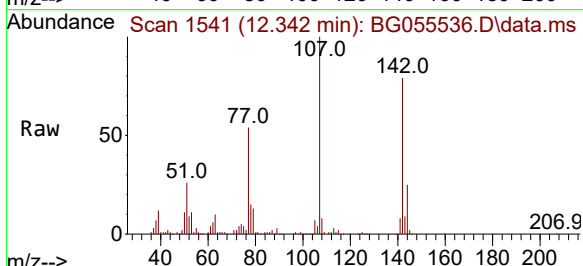
Tgt Ion:107 Resp: 201494

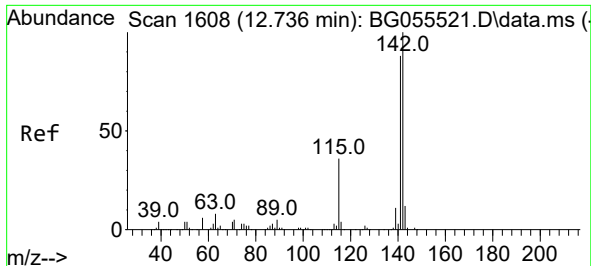
Ion Ratio Lower Upper

107 100

144 25.2 20.3 30.5

142 78.9 64.1 96.1





#37

2-Methylnaphthalene

Concen: 42.652 ng

RT: 12.736 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG055536.D

Acq: 10 Nov 2022 12:23

Instrument :

BNA_G

ClientSampleId :

PB148779BS

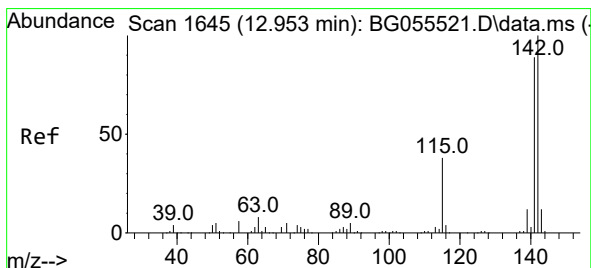
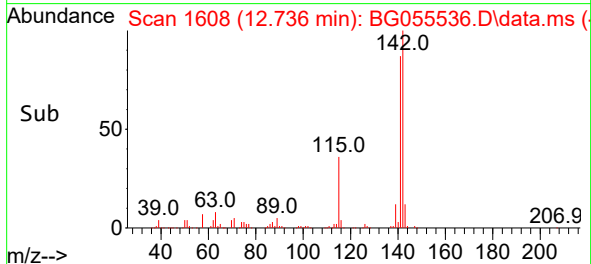
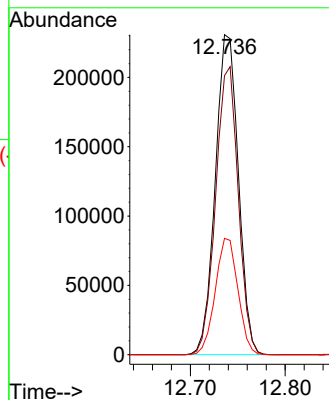
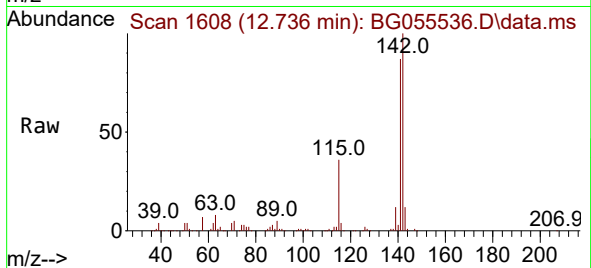
Tgt Ion:142 Resp: 390949

Ion Ratio Lower Upper

142 100

141 87.2 70.3 105.5

115 36.4 28.9 43.3



#38

1-Methylnaphthalene

Concen: 41.961 ng

RT: 12.953 min Scan# 1645

Delta R.T. 0.000 min

Lab File: BG055536.D

Acq: 10 Nov 2022 12:23

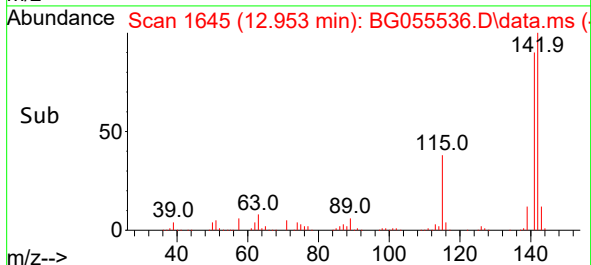
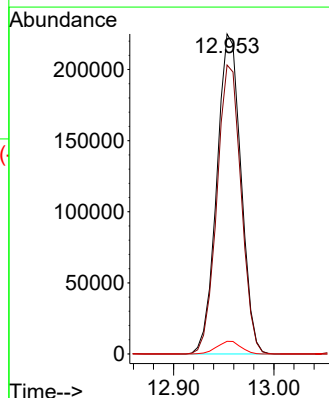
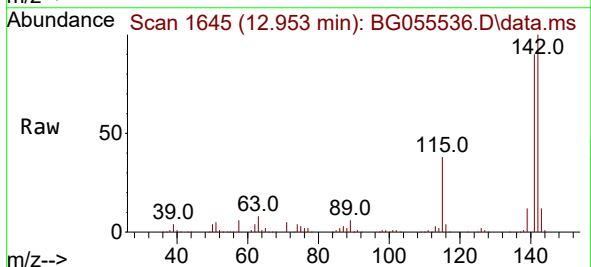
Tgt Ion:142 Resp: 376214

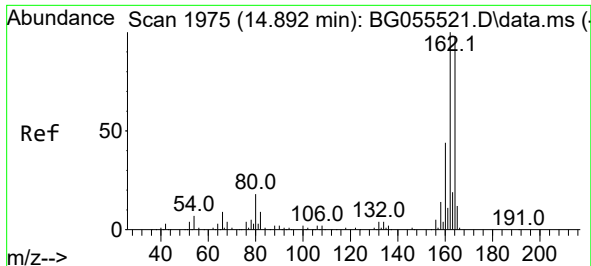
Ion Ratio Lower Upper

142 100

141 90.3 71.6 107.4

116 3.9 3.0 4.6

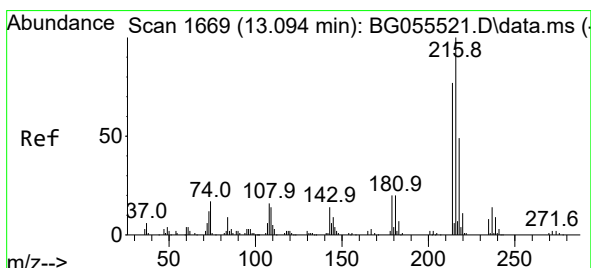
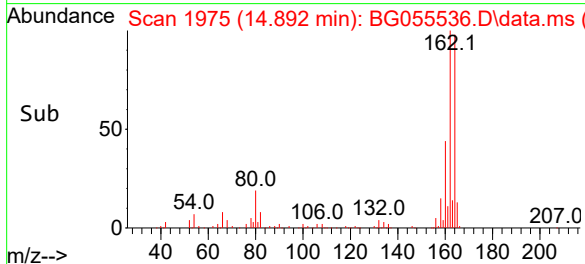
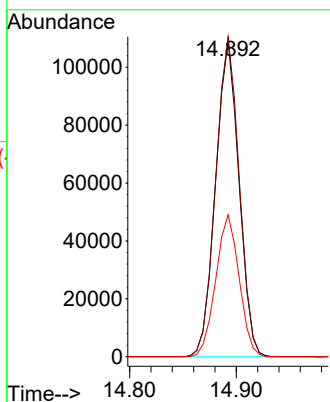
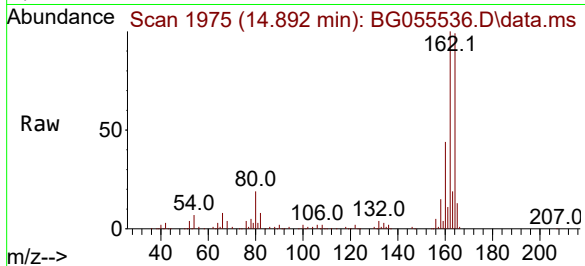




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.892 min Scan# 165047
Delta R.T. 0.000 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

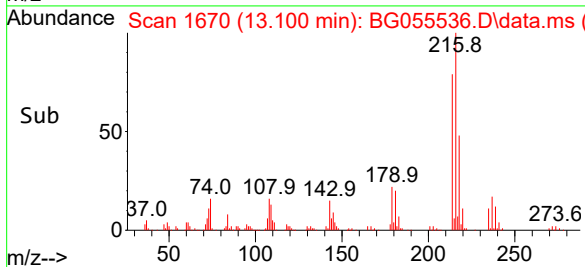
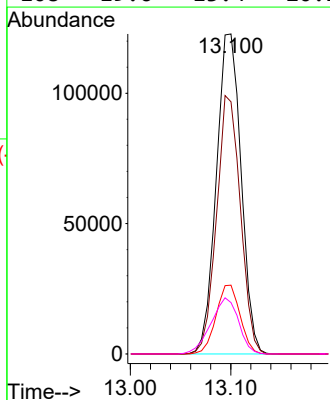
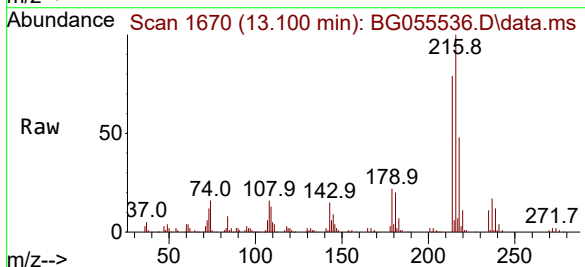
Instrument :
BNA_G
ClientSampleId :
PB148779BS

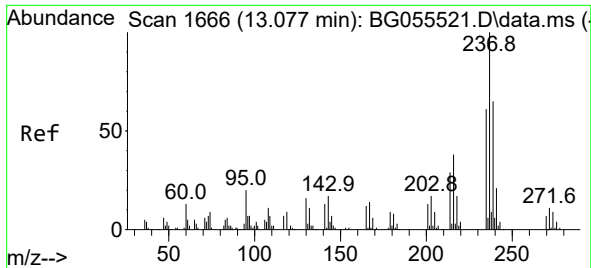
Tgt Ion:164 Resp: 165047
Ion Ratio Lower Upper
164 100
162 101.5 81.3 121.9
160 45.0 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.716 ng
RT: 13.100 min Scan# 1670
Delta R.T. 0.006 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

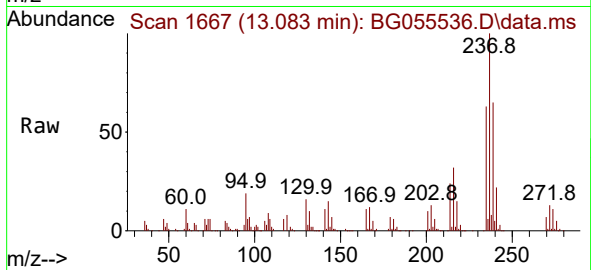
Tgt Ion:216 Resp: 210597
Ion Ratio Lower Upper
216 100
214 77.5 61.3 91.9
179 20.9 16.3 24.5
108 19.6 13.4 20.2



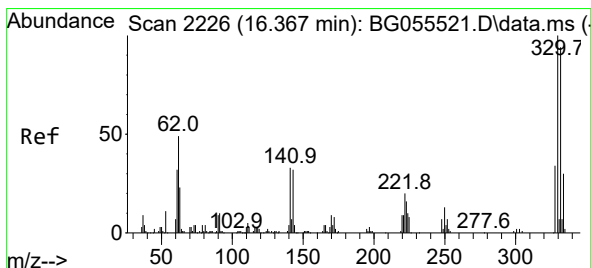
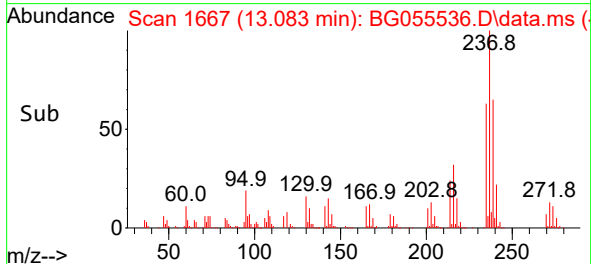
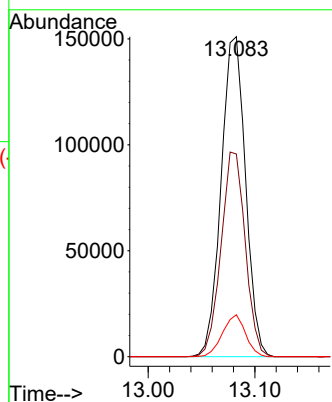


#41
Hexachlorocyclopentadiene
Concen: 113.633 ng
RT: 13.083 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

Instrument :
BNA_G
ClientSampleId :
PB148779BS

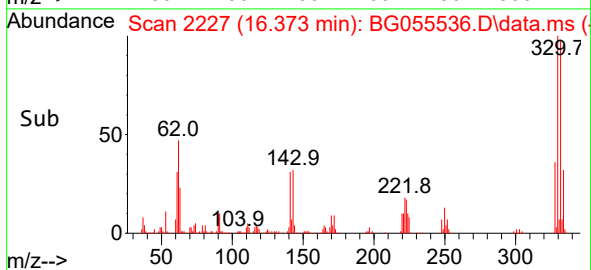
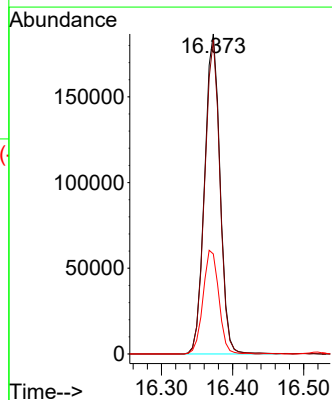
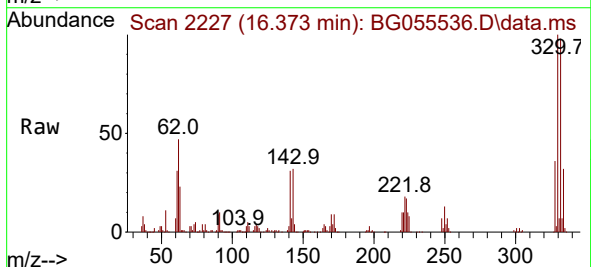


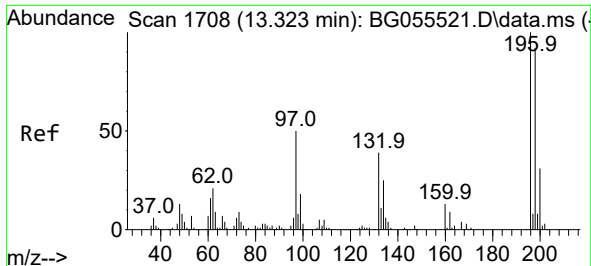
Tgt Ion:237 Resp: 239836
Ion Ratio Lower Upper
237 100
235 63.3 40.6 80.6
272 13.1 0.0 31.4



#42
2,4,6-Tribromophenol
Concen: 175.534 ng
RT: 16.373 min Scan# 2227
Delta R.T. 0.006 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

Tgt Ion:330 Resp: 282675
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.2
141 33.1 25.4 38.2





#43

2,4,6-Trichlorophenol

Concen: 50.743 ng

RT: 13.329 min Scan# 1

Delta R.T. 0.006 min

Lab File: BG055536.D

Acq: 10 Nov 2022 12:23

Instrument :

BNA_G

ClientSampleId :

PB148779BS

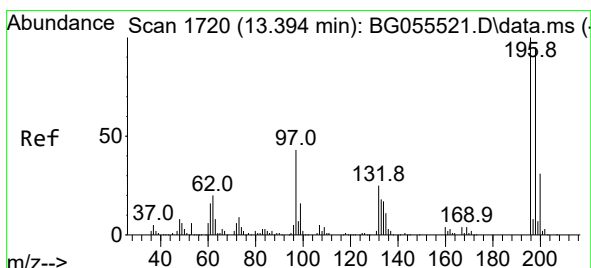
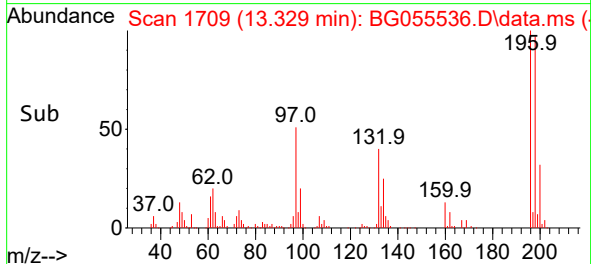
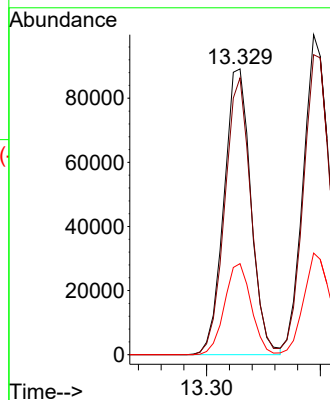
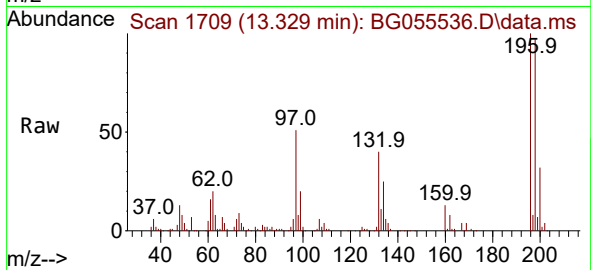
Tgt Ion:196 Resp: 147098

Ion Ratio Lower Upper

196 100

198 96.9 73.9 110.9

200 31.9 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 49.143 ng

RT: 13.394 min Scan# 1720

Delta R.T. -0.000 min

Lab File: BG055536.D

Acq: 10 Nov 2022 12:23

Tgt Ion:196 Resp: 163086

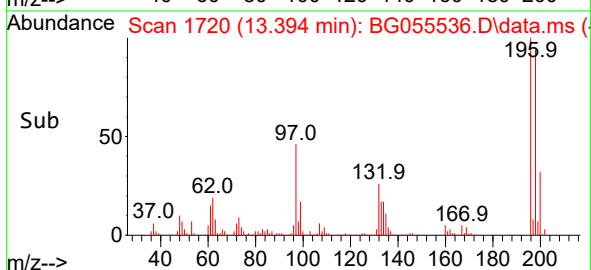
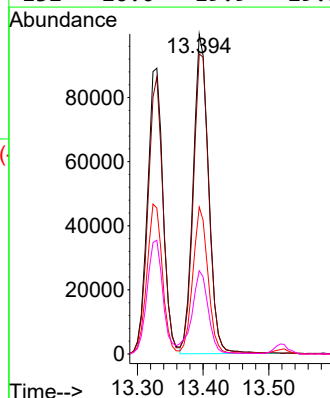
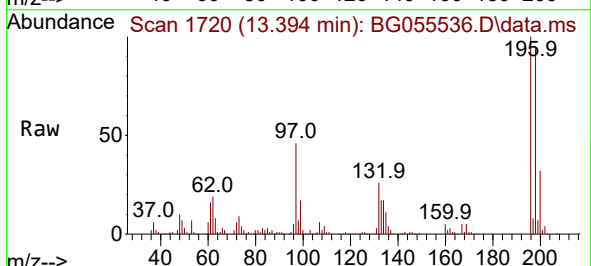
Ion Ratio Lower Upper

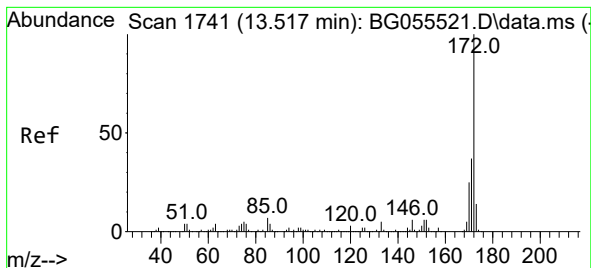
196 100

198 93.8 76.1 114.1

97 45.9 34.2 51.4

132 26.0 19.9 29.9





#45

2-Fluorobiphenyl

Concen: 81.797 ng

RT: 13.517 min Scan# 1741

Delta R.T. 0.000 min

Lab File: BG055536.D

Acq: 10 Nov 2022 12:23

Instrument :

BNA_G

ClientSampleId :

PB148779BS

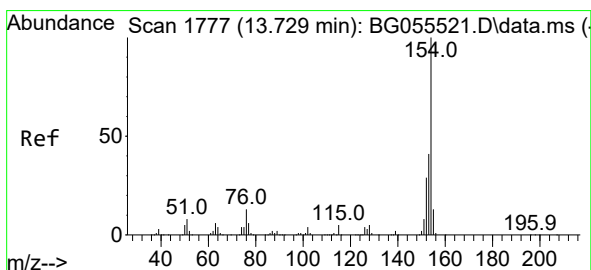
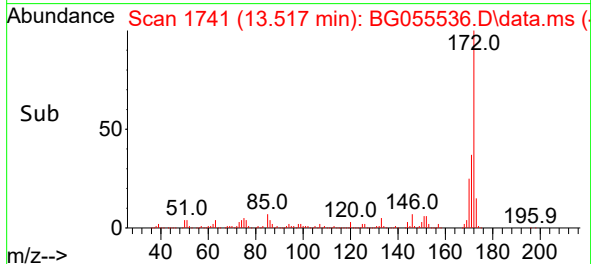
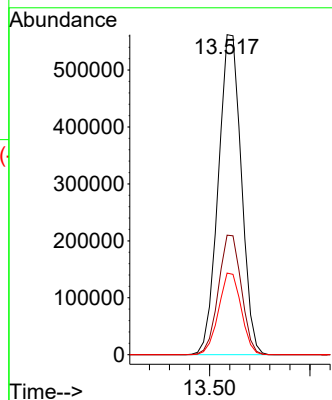
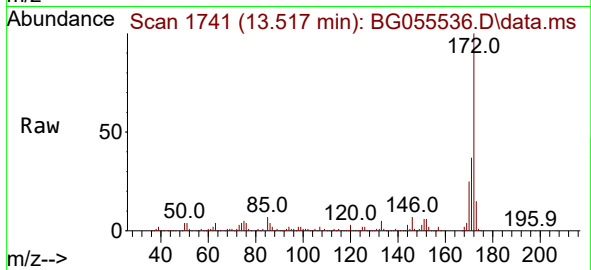
Tgt Ion:172 Resp: 895013

Ion Ratio Lower Upper

172 100

171 37.4 29.7 44.5

170 25.5 19.8 29.6



#46

1,1'-Biphenyl

Concen: 44.379 ng

RT: 13.729 min Scan# 1777

Delta R.T. -0.000 min

Lab File: BG055536.D

Acq: 10 Nov 2022 12:23

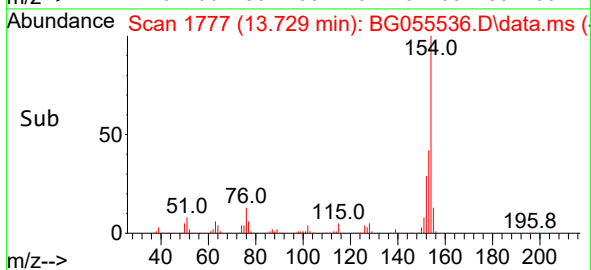
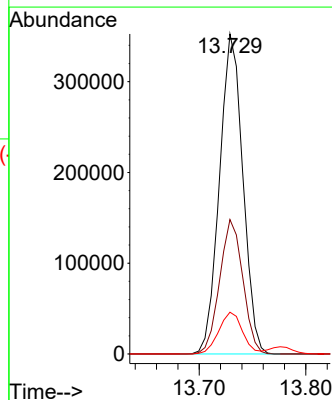
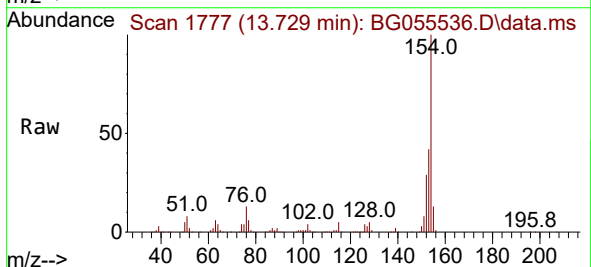
Tgt Ion:154 Resp: 535859

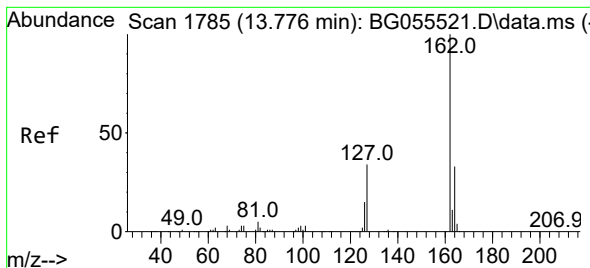
Ion Ratio Lower Upper

154 100

153 42.0 20.9 60.9

76 13.0 0.0 32.7

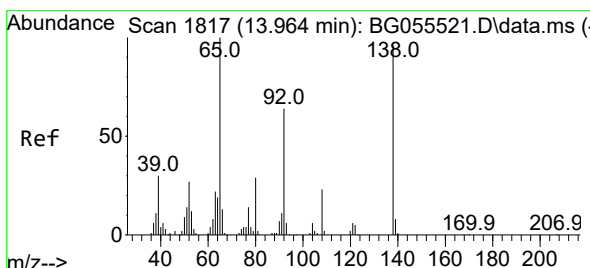
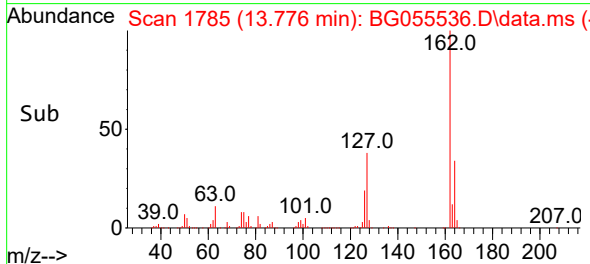
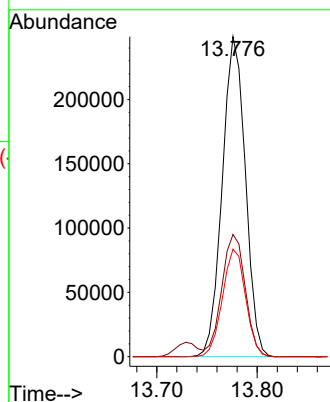
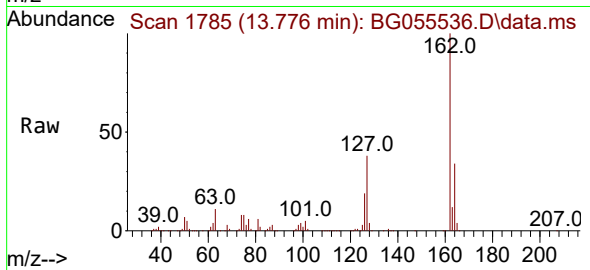




#47
2-Chloronaphthalene
Concen: 42.630 ng
RT: 13.776 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

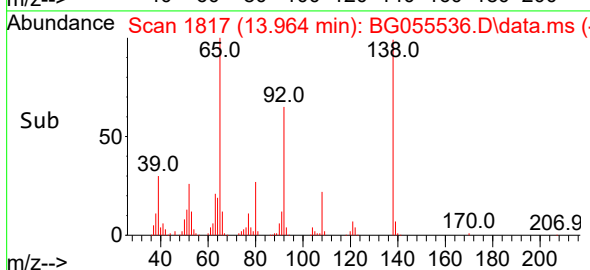
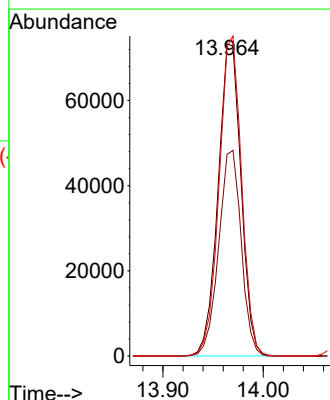
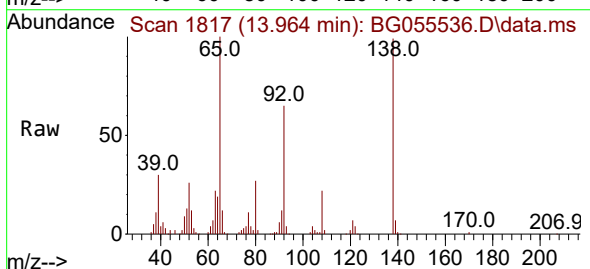
Instrument :
BNA_G
ClientSampleId :
PB148779BS

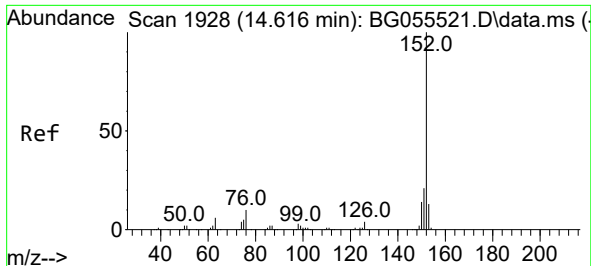
Tgt Ion:162 Resp: 397576
Ion Ratio Lower Upper
162 100
127 38.2 30.9 46.3
164 33.6 26.8 40.2



#48
2-Nitroaniline
Concen: 48.421 ng
RT: 13.964 min Scan# 1817
Delta R.T. -0.000 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

Tgt Ion: 65 Resp: 116409
Ion Ratio Lower Upper
65 100
92 64.6 51.6 77.4
138 99.1 77.0 115.4

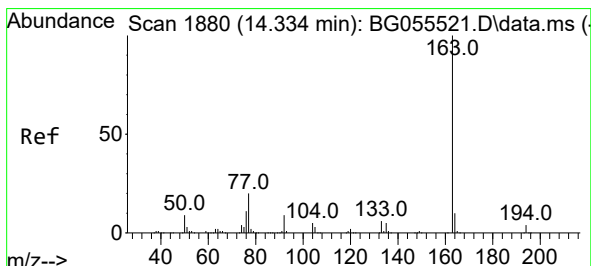
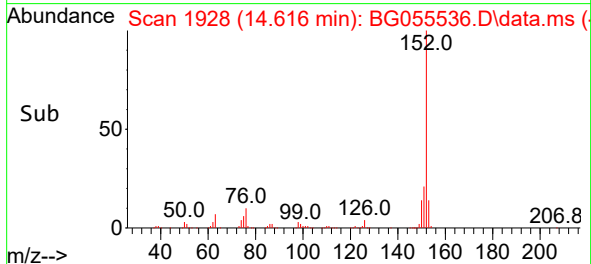
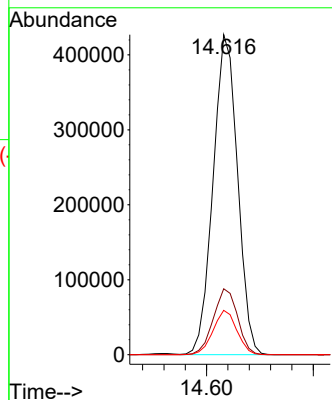
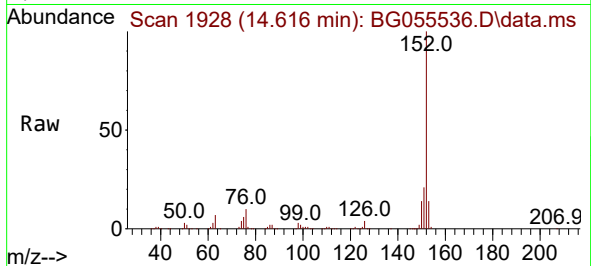




#49
Acenaphthylene
Concen: 43.987 ng
RT: 14.616 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

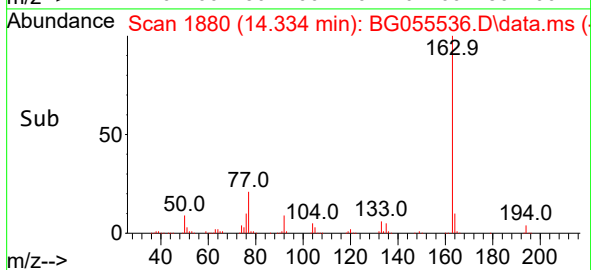
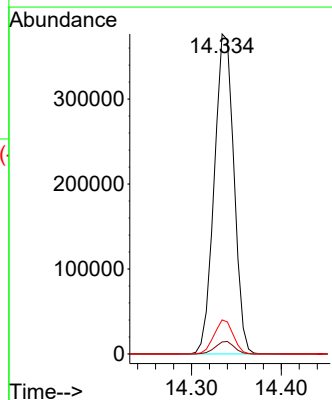
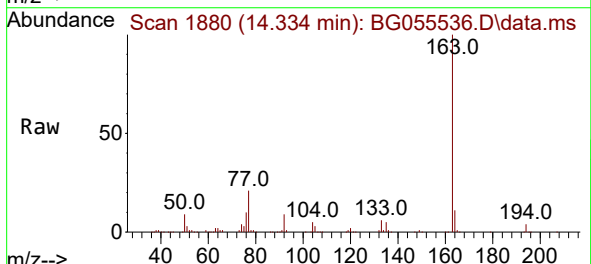
Instrument :
BNA_G
ClientSampleId :
PB148779BS

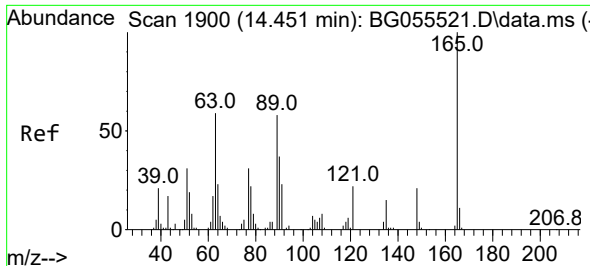
Tgt Ion:152 Resp: 678782
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 13.8 10.6 16.0



#50
Dimethylphthalate
Concen: 45.674 ng
RT: 14.334 min Scan# 1880
Delta R.T. 0.000 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

Tgt Ion:163 Resp: 572816
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.7 8.2 12.4

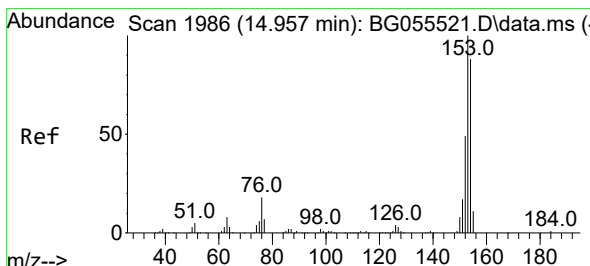
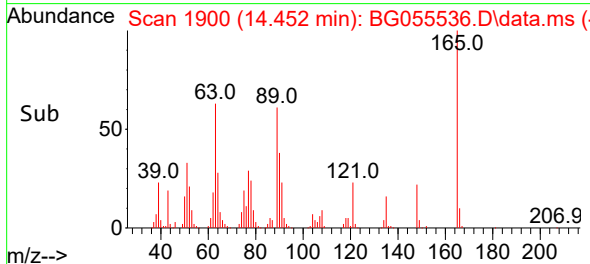
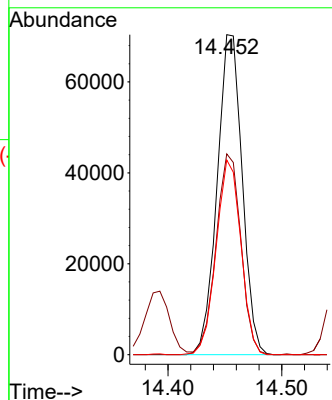
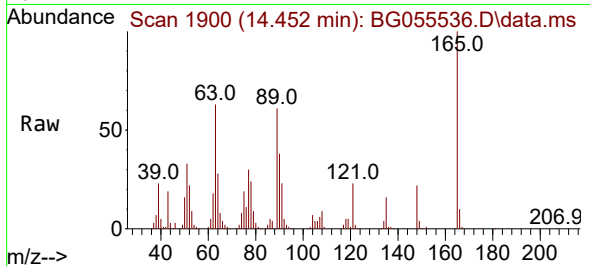




#51
2,6-Dinitrotoluene
Concen: 48.857 ng
RT: 14.452 min Scan# 1900
Delta R.T. 0.001 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

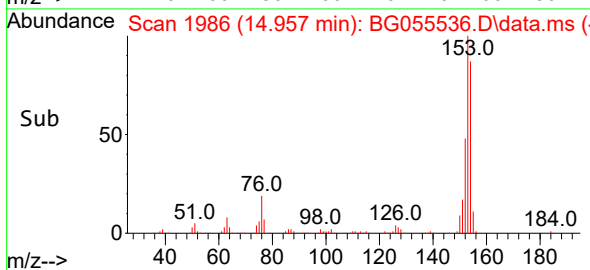
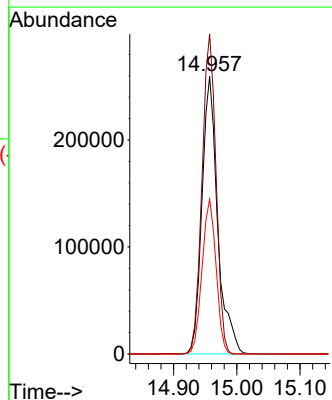
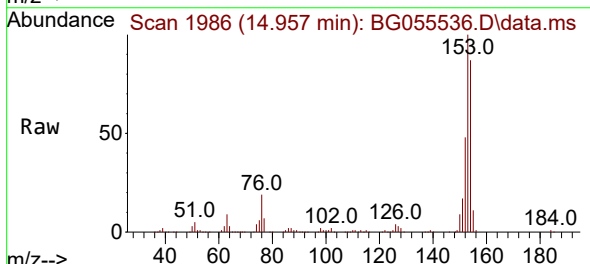
Instrument :
BNA_G
ClientSampleId :
PB148779BS

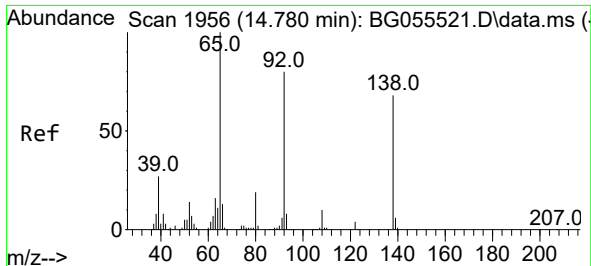
Tgt Ion:165 Resp: 107842
Ion Ratio Lower Upper
165 100
63 62.7 50.1 75.1
89 60.9 46.5 69.7



#52
Acenaphthene
Concen: 46.351 ng
RT: 14.957 min Scan# 1986
Delta R.T. -0.000 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

Tgt Ion:154 Resp: 446533
Ion Ratio Lower Upper
154 100
153 115.2 91.4 137.0
152 55.7 44.5 66.7

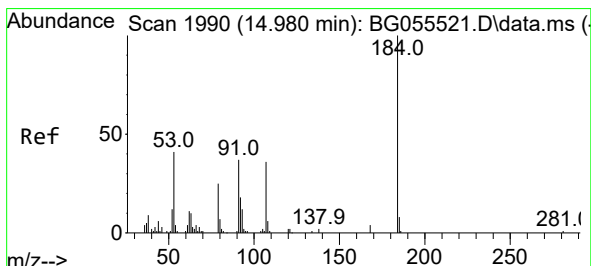
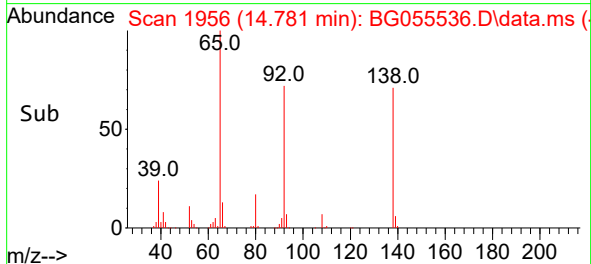
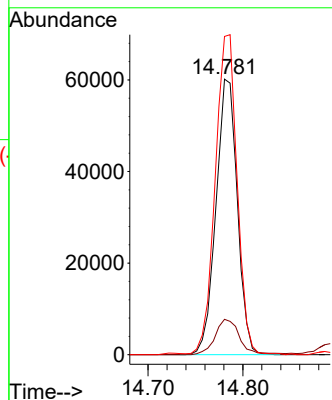
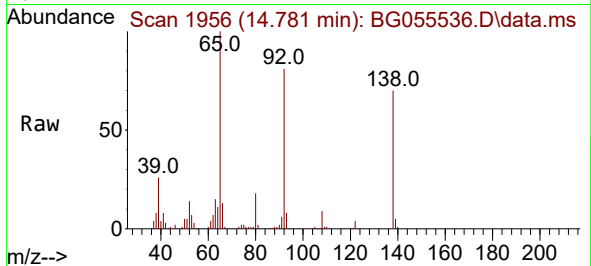




#53
3-Nitroaniline
Concen: 36.521 ng
RT: 14.781 min Scan# 1956
Delta R.T. 0.001 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

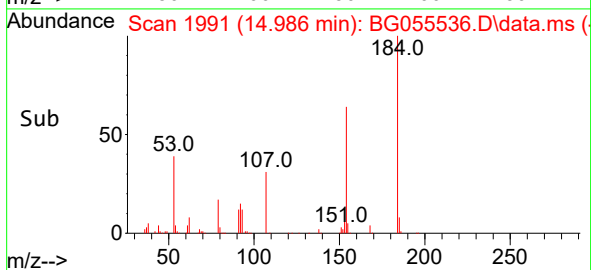
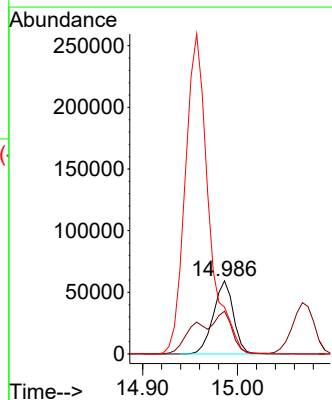
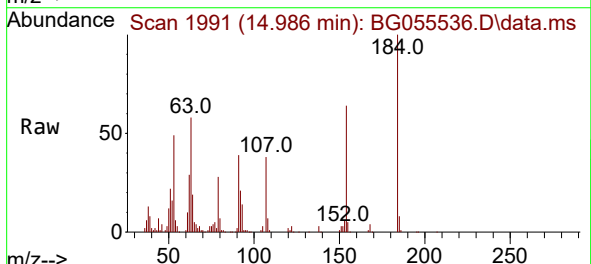
Instrument :
BNA_G
ClientSampleId :
PB148779BS

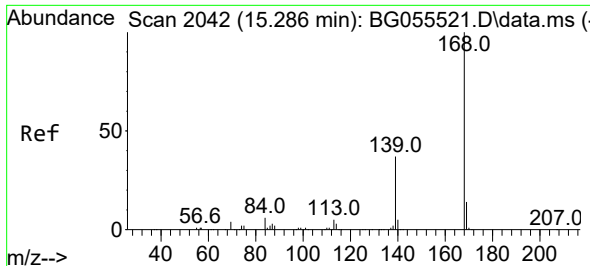
Tgt Ion:138 Resp: 94339
Ion Ratio Lower Upper
138 100
108 12.8 11.7 17.5
92 115.5 94.3 141.5



#54
2,4-Dinitrophenol
Concen: 111.743 ng
RT: 14.986 min Scan# 1991
Delta R.T. 0.006 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

Tgt Ion:184 Resp: 87135
Ion Ratio Lower Upper
184 100
63 58.5 43.8 65.8
154 64.2 77.2 115.8#

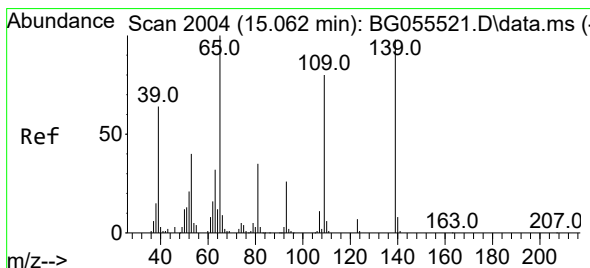
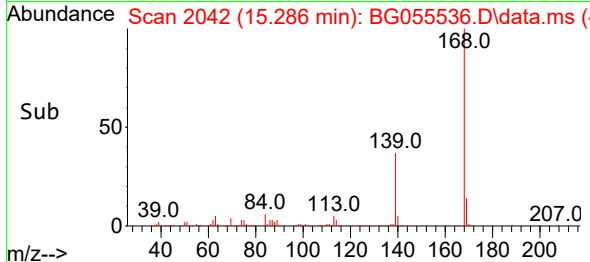
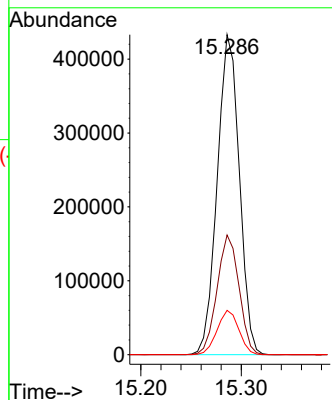
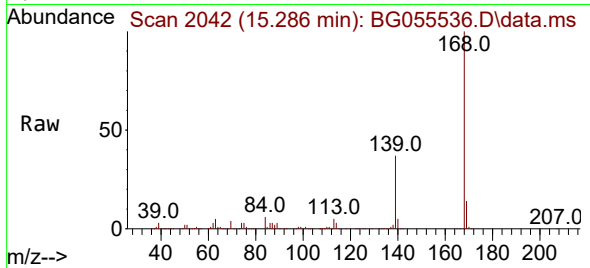




#55
Dibenzofuran
Concen: 42.987 ng
RT: 15.286 min Scan# 2042
Delta R.T. -0.000 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

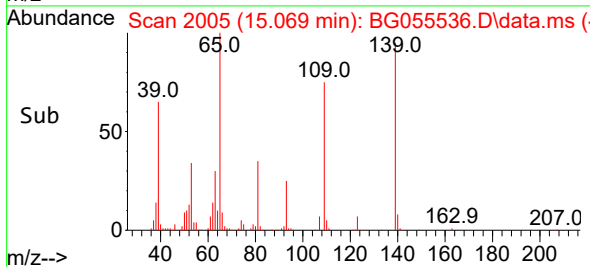
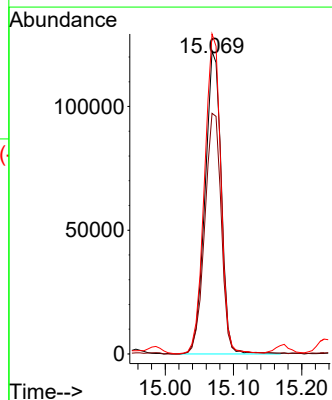
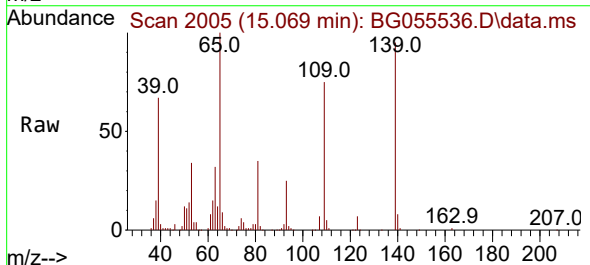
Instrument :
BNA_G
ClientSampleId :
PB148779BS

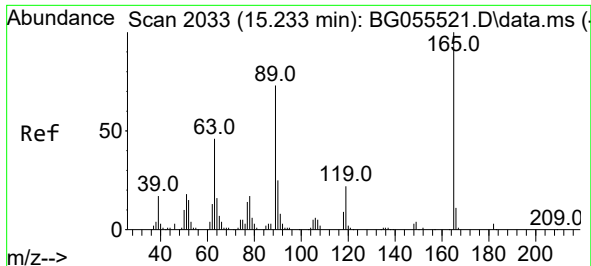
Tgt Ion:168 Resp: 662080
Ion Ratio Lower Upper
168 100
139 37.4 29.4 44.2
169 13.8 11.1 16.7



#56
4-Nitrophenol
Concen: 109.095 ng
RT: 15.069 min Scan# 2005
Delta R.T. 0.007 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

Tgt Ion:139 Resp: 202597
Ion Ratio Lower Upper
139 100
109 79.5 61.8 101.8
65 105.7 82.9 122.9

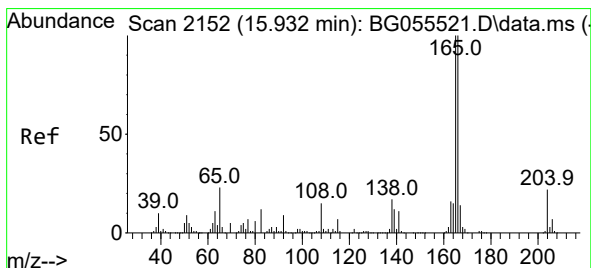
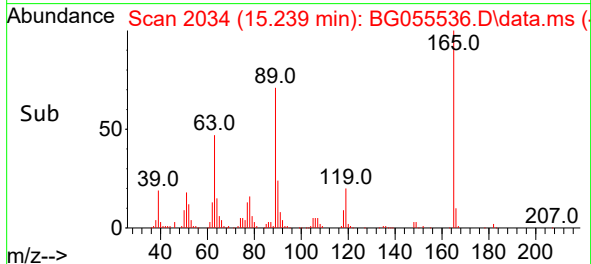
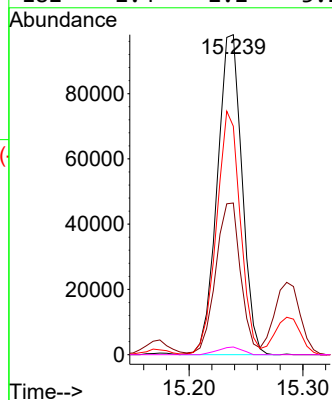
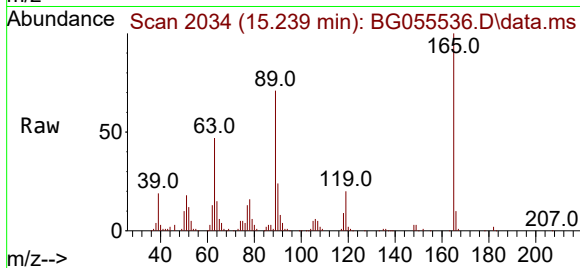




#57
2,4-Dinitrotoluene
Concen: 50.677 ng
RT: 15.239 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

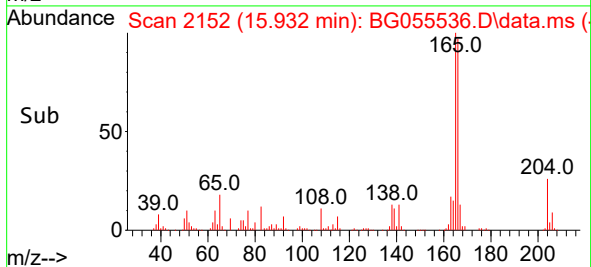
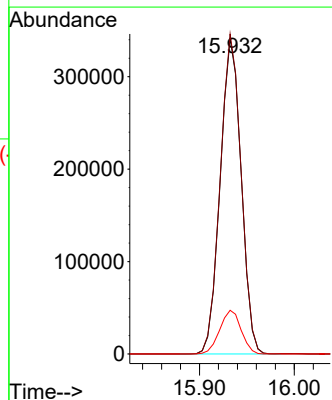
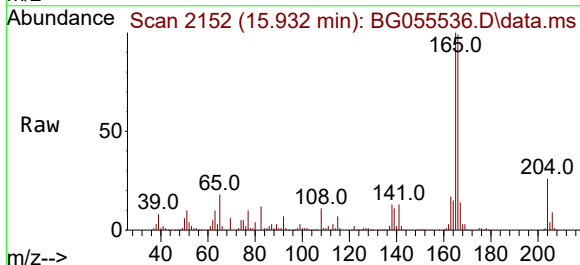
Instrument :
BNA_G
ClientSampleId :
PB148779BS

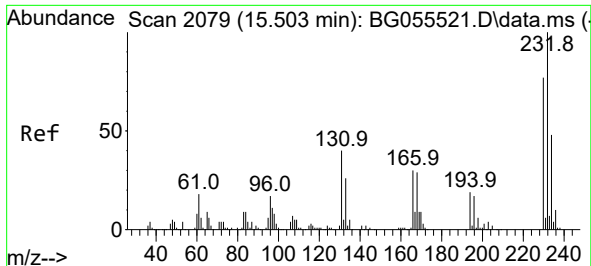
Tgt Ion:165 Resp: 148211
Ion Ratio Lower Upper
165 100
63 47.4 37.0 55.4
89 71.4 58.6 87.8
182 2.4 2.2 3.2



#58
Fluorene
Concen: 42.795 ng
RT: 15.932 min Scan# 2152
Delta R.T. 0.000 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

Tgt Ion:166 Resp: 524373
Ion Ratio Lower Upper
166 100
165 101.4 80.2 120.2
167 13.9 11.2 16.8

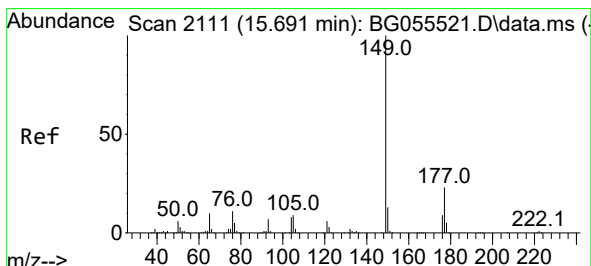
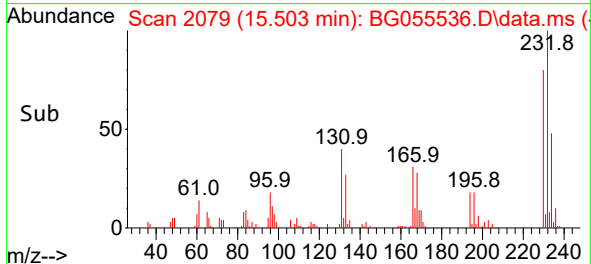
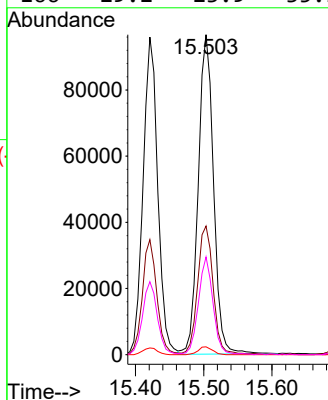
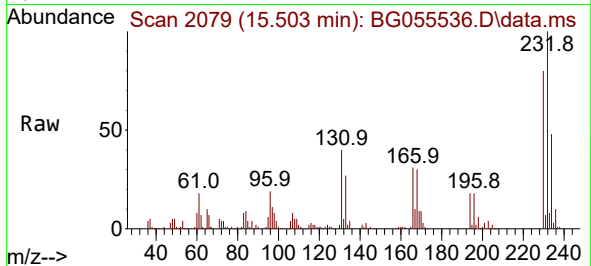




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.873 ng
RT: 15.503 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

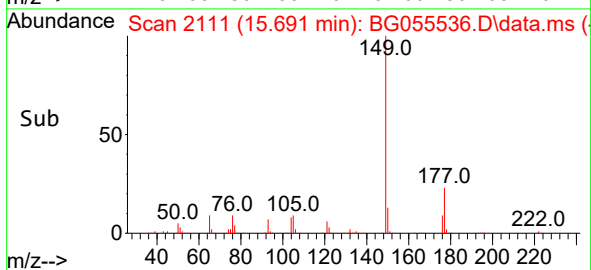
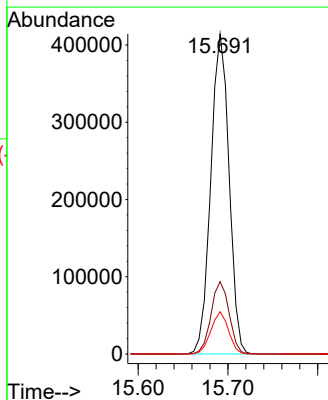
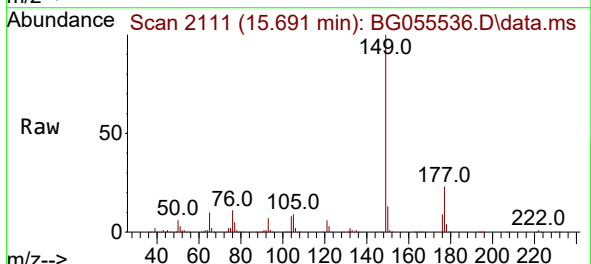
Instrument :
BNA_G
ClientSampleId :
PB148779BS

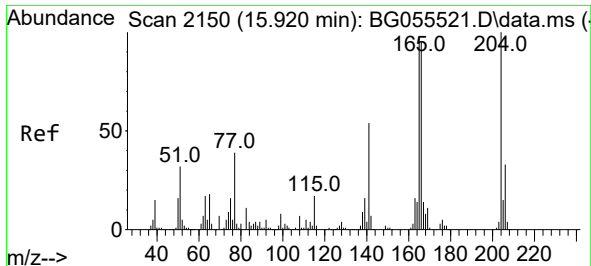
Tgt Ion:232 Resp: 150330
Ion Ratio Lower Upper
232 100
131 40.2 31.8 47.8
130 2.3 1.7 2.5
166 29.2 23.9 35.9



#60
Diethylphthalate
Concen: 45.832 ng
RT: 15.691 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

Tgt Ion:149 Resp: 584743
Ion Ratio Lower Upper
149 100
177 22.6 18.6 27.8
150 13.2 10.2 15.2

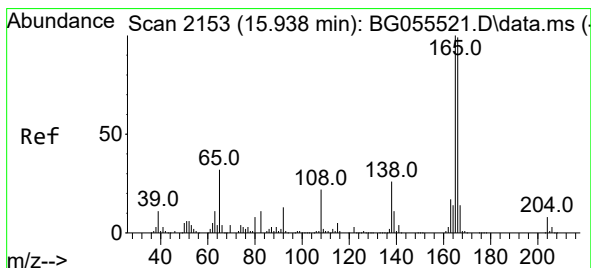
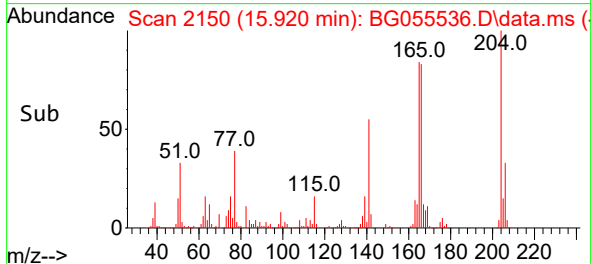
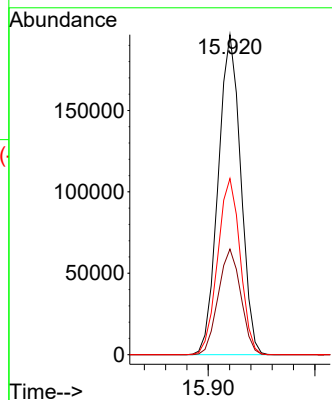
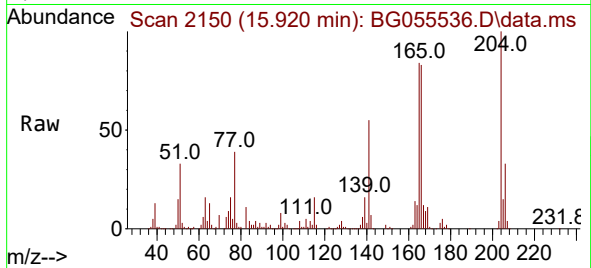




#61
4-Chlorophenyl-phenylether
Concen: 44.203 ng
RT: 15.920 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

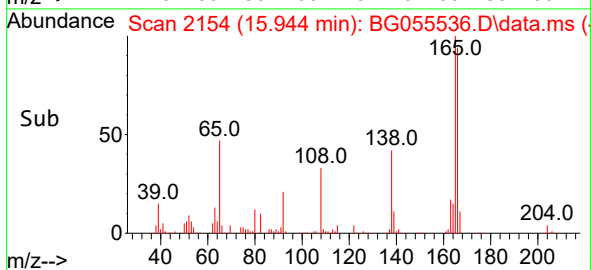
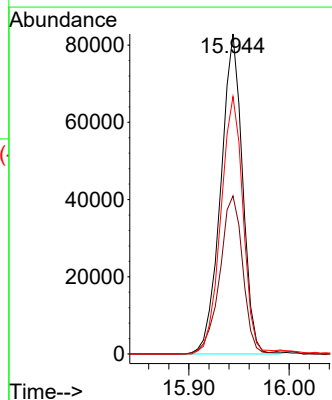
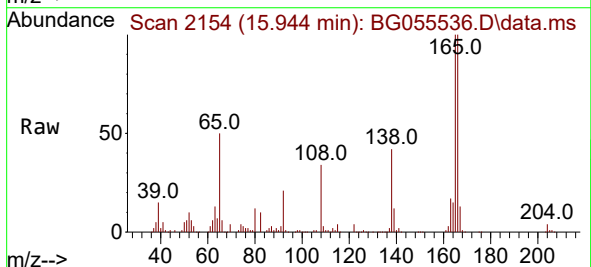
Instrument :
BNA_G
ClientSampleId :
PB148779BS

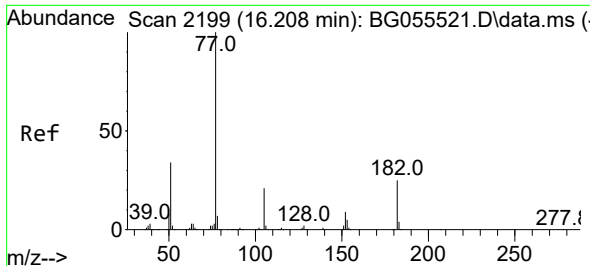
Tgt Ion:204 Resp: 288094
Ion Ratio Lower Upper
204 100
206 33.0 26.8 40.2
141 55.1 43.1 64.7



#62
4-Nitroaniline
Concen: 50.150 ng
RT: 15.944 min Scan# 2154
Delta R.T. 0.006 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

Tgt Ion:138 Resp: 124697
Ion Ratio Lower Upper
138 100
92 49.4 30.6 70.6
108 80.5 64.0 104.0

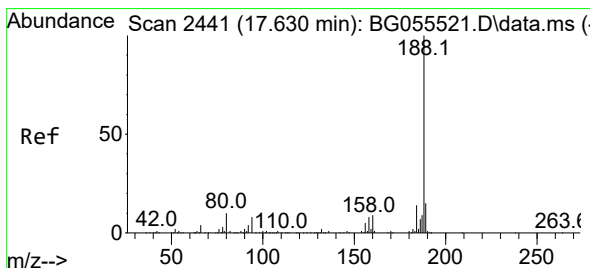
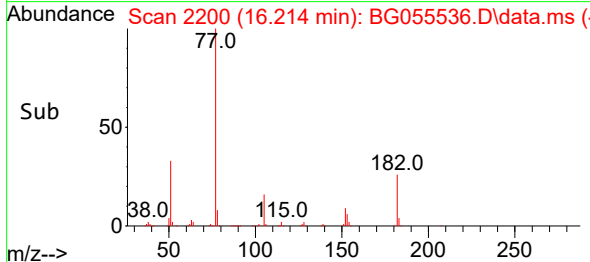
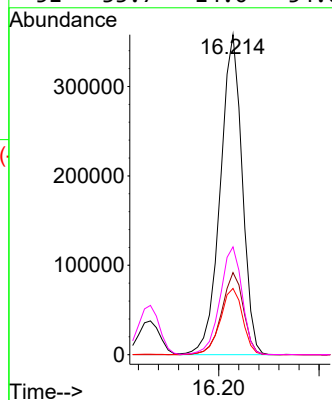
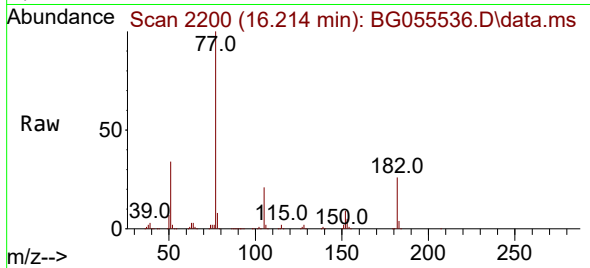




#63
Azobenzene
Concen: 43.738 ng
RT: 16.214 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

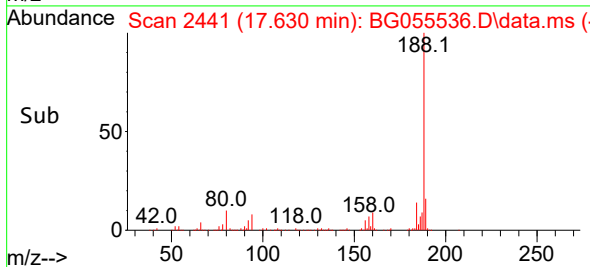
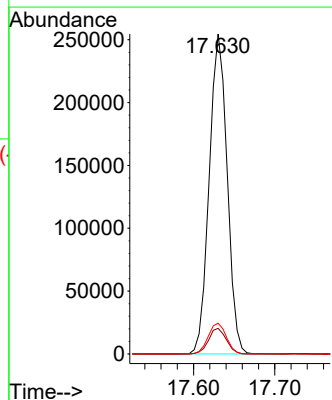
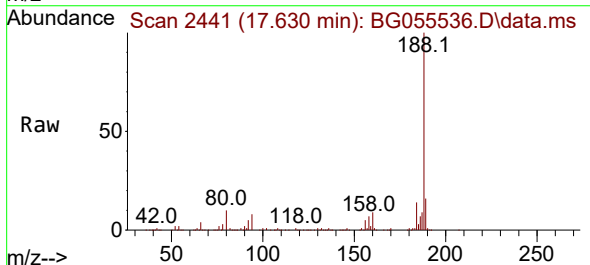
Instrument :
BNA_G
ClientSampleId :
PB148779BS

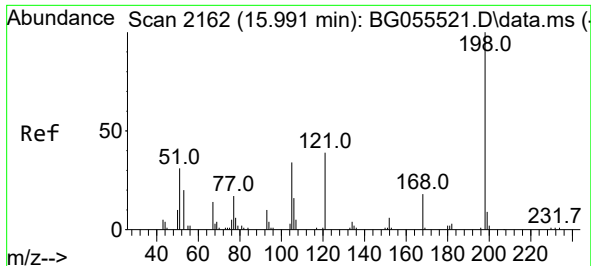
Tgt Ion: 77	Resp: 540899
Ion Ratio	Lower Upper
77 100	
182 25.7	4.6 44.6
105 20.7	1.2 41.2
51 33.7	14.0 54.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.630 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

Tgt Ion:188	Resp: 389941
Ion Ratio	Lower Upper
188 100	
94 8.0	6.4 9.6
80 9.6	7.6 11.4

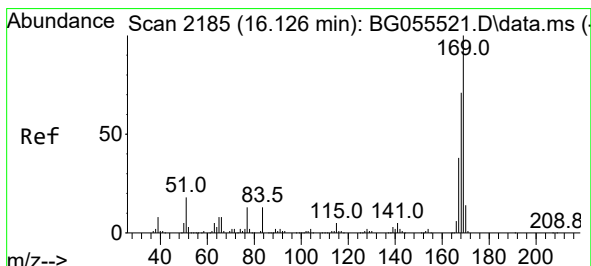
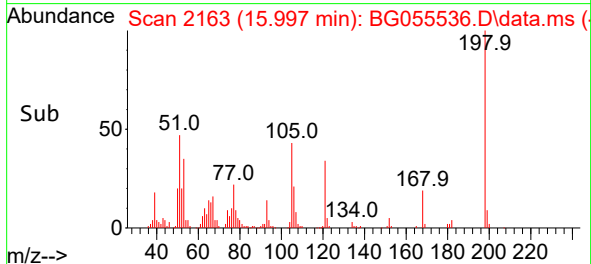
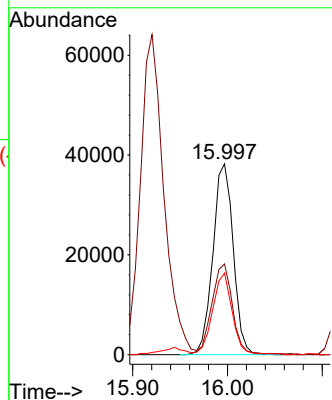
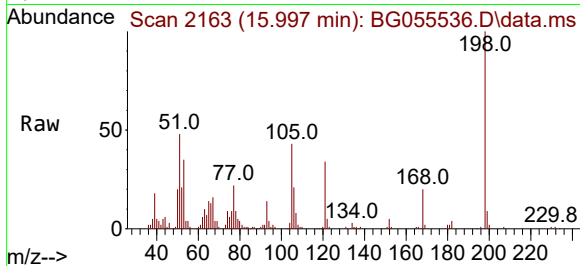




#65
4,6-Dinitro-2-methylphenol
Concen: 45.941 ng
RT: 15.997 min Scan# 2163
Delta R.T. 0.006 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

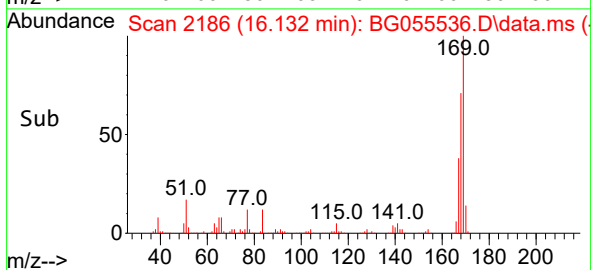
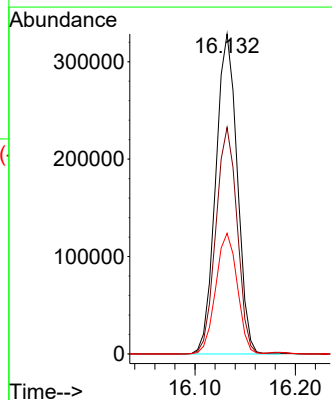
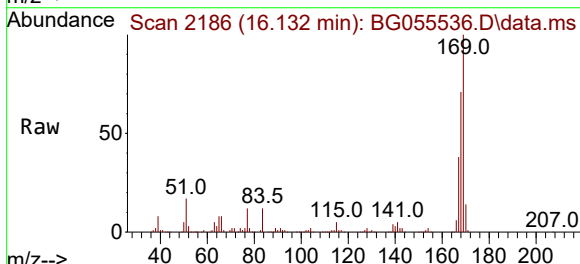
Instrument :
BNA_G
ClientSampleId :
PB148779BS

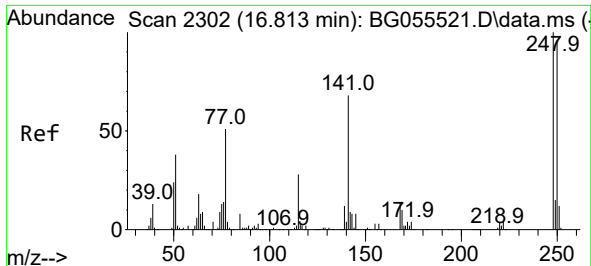
Tgt Ion:198 Resp: 56838
Ion Ratio Lower Upper
198 100
51 47.5 24.7 64.7
105 42.8 17.6 57.6



#66
n-Nitrosodiphenylamine
Concen: 44.683 ng
RT: 16.132 min Scan# 2186
Delta R.T. 0.006 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

Tgt Ion:169 Resp: 488108
Ion Ratio Lower Upper
169 100
168 70.8 57.0 85.4
167 37.7 30.2 45.2

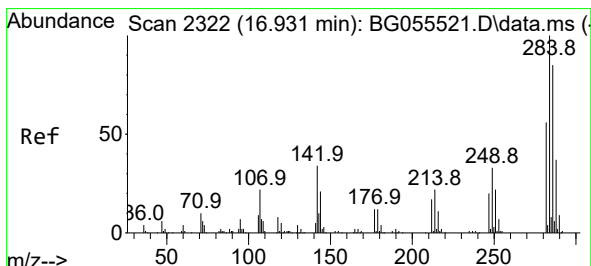
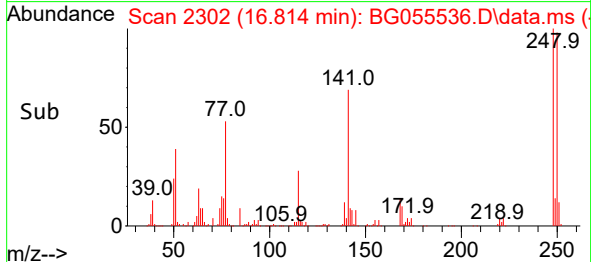
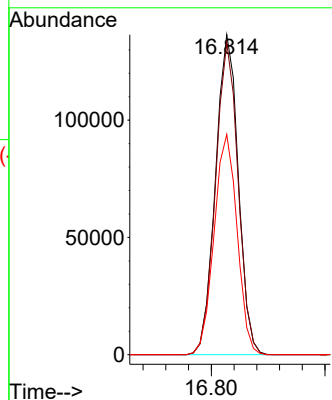
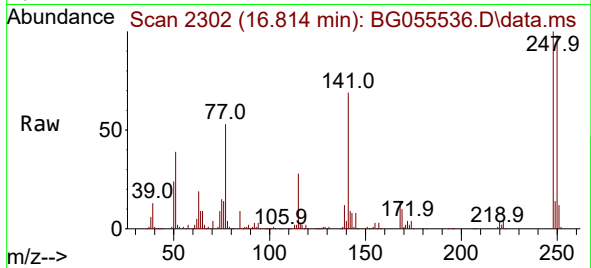




#67
4-Bromophenyl-phenylether
Concen: 47.812 ng
RT: 16.814 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

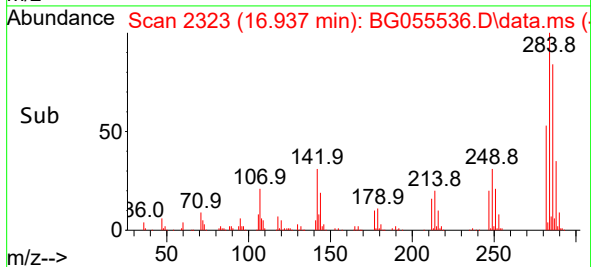
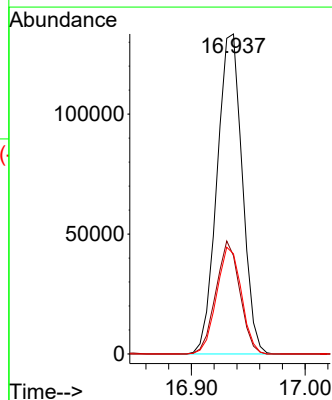
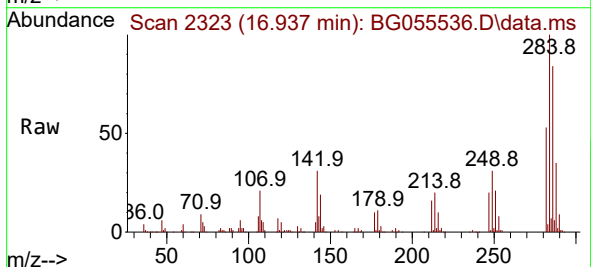
Instrument :
BNA_G
ClientSampleId :
PB148779BS

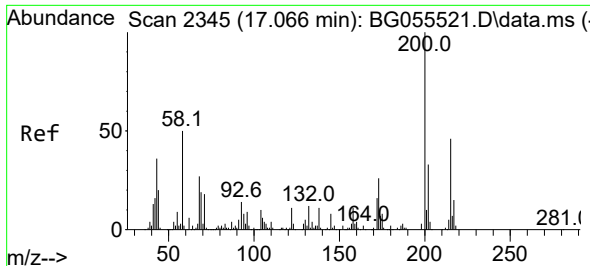
Tgt Ion:248 Resp: 190197
Ion Ratio Lower Upper
248 100
250 97.6 76.9 115.3
141 68.8 54.3 81.5



#68
Hexachlorobenzene
Concen: 43.446 ng
RT: 16.937 min Scan# 2323
Delta R.T. 0.006 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

Tgt Ion:284 Resp: 205471
Ion Ratio Lower Upper
284 100
142 30.7 27.2 40.8
249 31.3 26.6 39.8

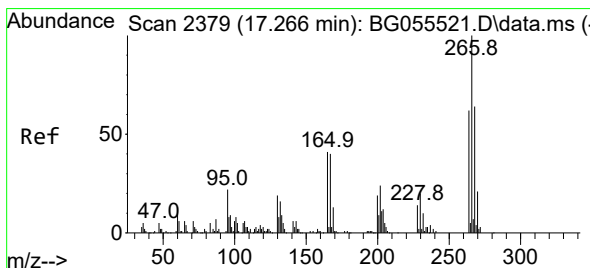
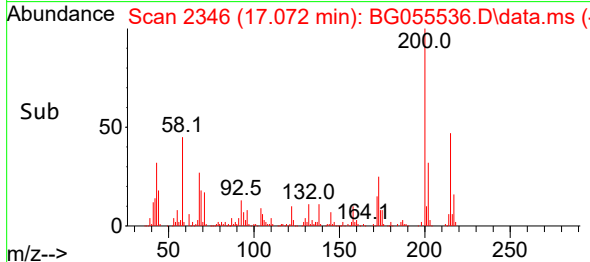
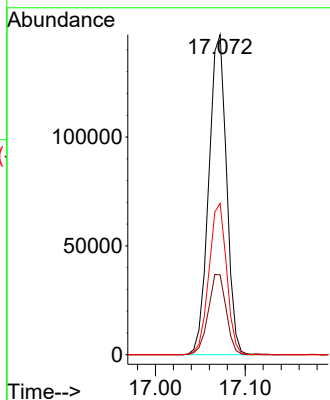
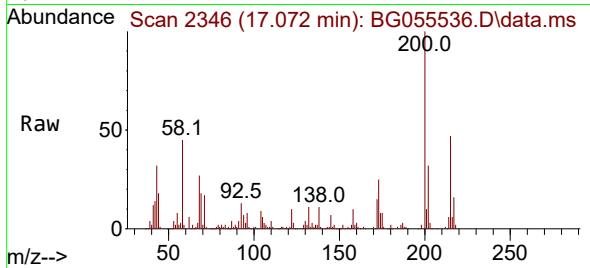




#69
 Atrazine
 Concen: 51.083 ng
 RT: 17.072 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG055536.D
 Acq: 10 Nov 2022 12:23

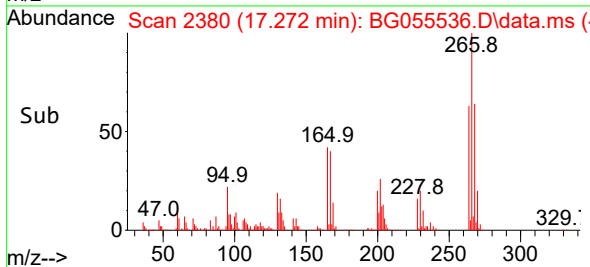
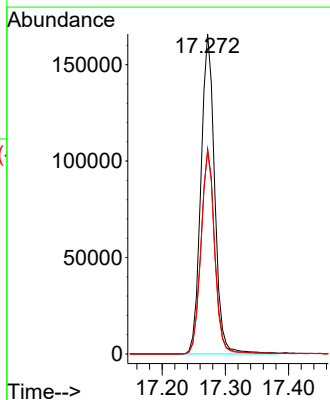
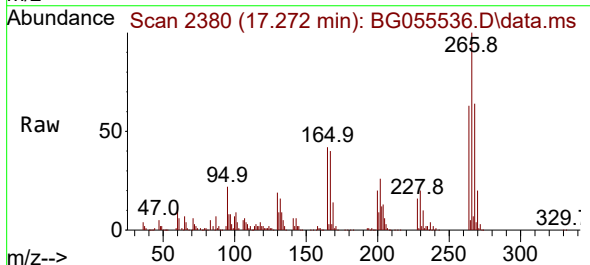
Instrument :
 BNA_G
 ClientSampleId :
 PB148779BS

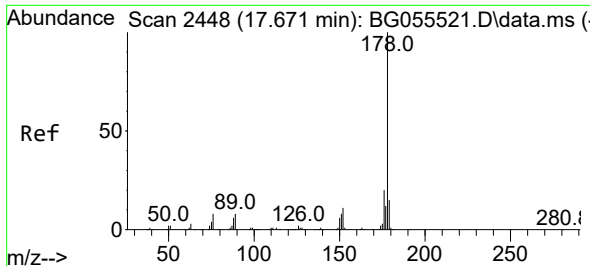
Tgt Ion:200 Resp: 201949
 Ion Ratio Lower Upper
 200 100
 173 24.9 6.3 46.3
 215 47.2 26.4 66.4



#70
 Pentachlorophenol
 Concen: 97.131 ng
 RT: 17.272 min Scan# 2380
 Delta R.T. 0.006 min
 Lab File: BG055536.D
 Acq: 10 Nov 2022 12:23

Tgt Ion:266 Resp: 251666
 Ion Ratio Lower Upper
 266 100
 268 64.1 51.4 77.0
 264 63.4 49.5 74.3

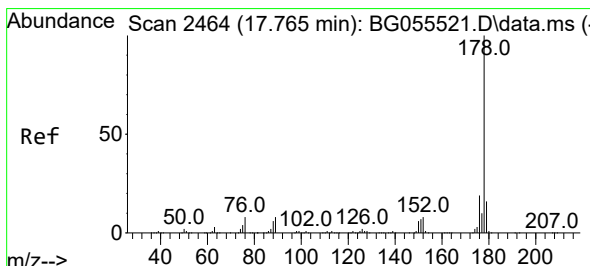
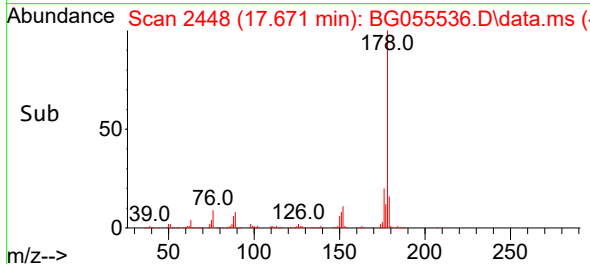
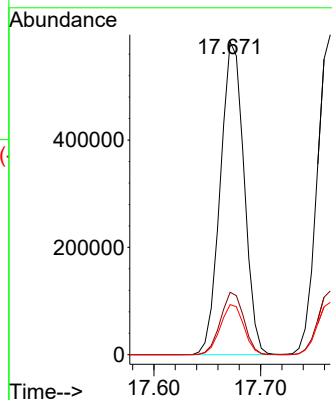
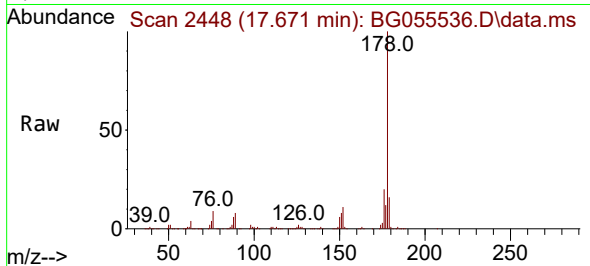




#71
Phenanthrene
Concen: 42.972 ng
RT: 17.671 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

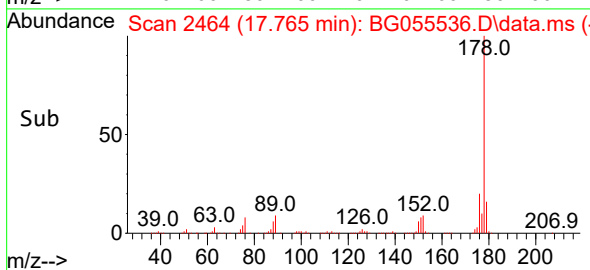
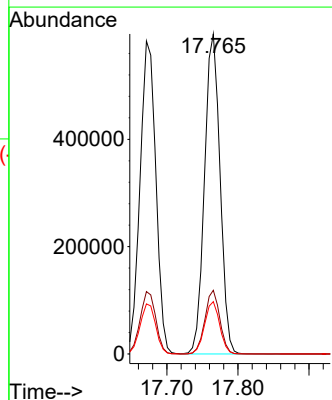
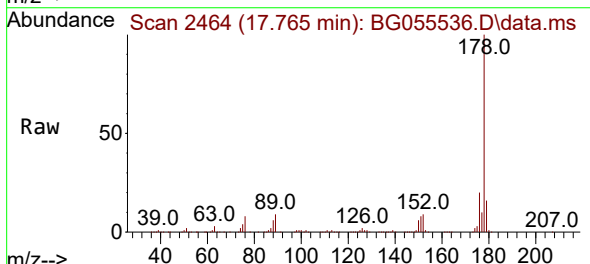
Instrument :
BNA_G
ClientSampleId :
PB148779BS

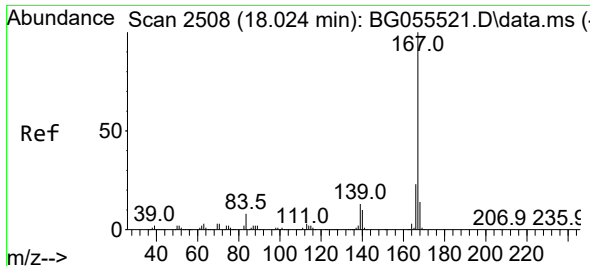
Tgt Ion:178 Resp: 900572
Ion Ratio Lower Upper
178 100
176 19.9 16.1 24.1
179 16.0 12.2 18.4



#72
Anthracene
Concen: 44.243 ng
RT: 17.765 min Scan# 2464
Delta R.T. 0.000 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

Tgt Ion:178 Resp: 908647
Ion Ratio Lower Upper
178 100
176 19.9 15.4 23.0
179 16.3 13.0 19.4



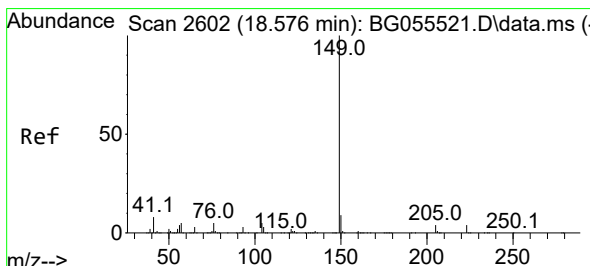
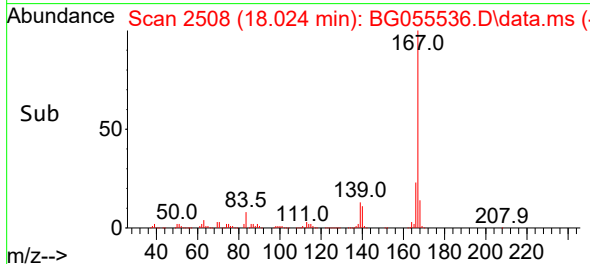
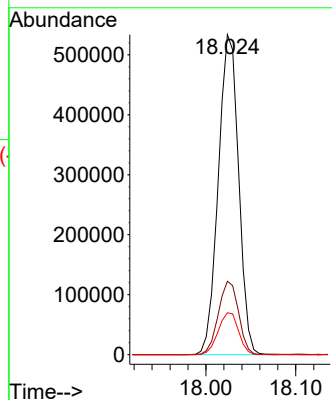
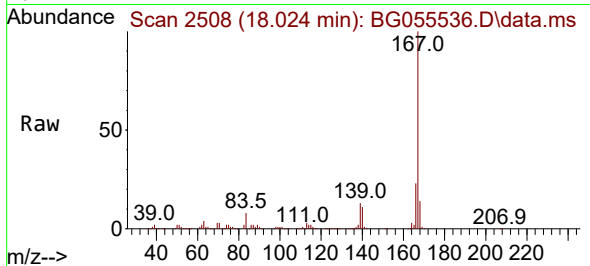


#73
 Carbazole
 Concen: 45.135 ng
 RT: 18.024 min Scan# 2508
 Delta R.T. -0.000 min
 Lab File: BG055536.D
 Acq: 10 Nov 2022 12:23

Instrument :
 BNA_G
 ClientSampleId :
 PB148779BS

Tgt Ion:167 Resp: 837757

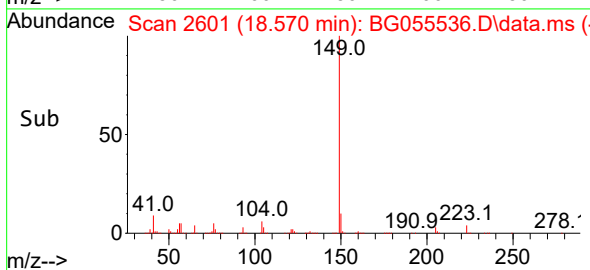
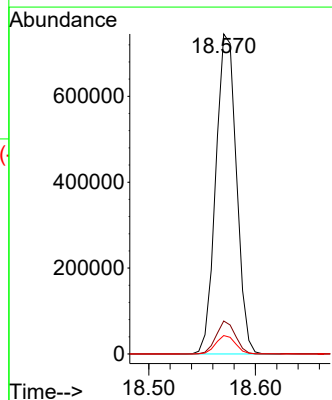
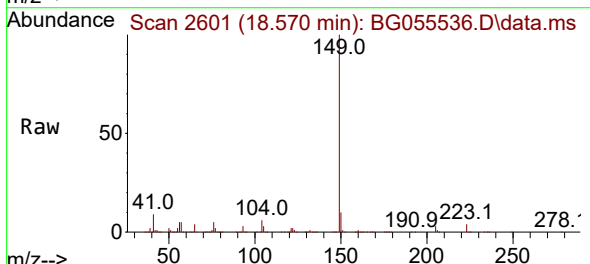
Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.2	27.4
139	13.1	10.4	15.6

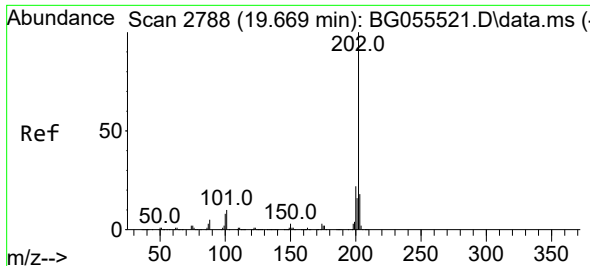


#74
 Di-n-butylphthalate
 Concen: 47.021 ng
 RT: 18.570 min Scan# 2601
 Delta R.T. -0.006 min
 Lab File: BG055536.D
 Acq: 10 Nov 2022 12:23

Tgt Ion:149 Resp: 1000673

Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.5	11.3
104	5.8	4.2	6.4

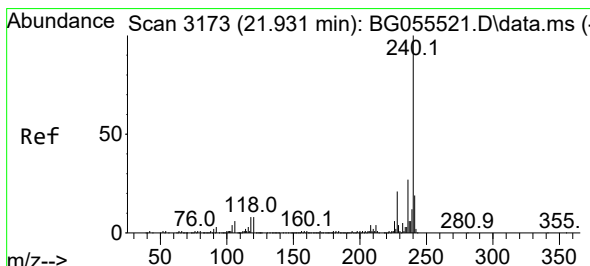
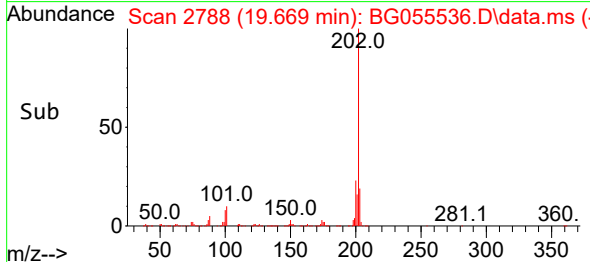
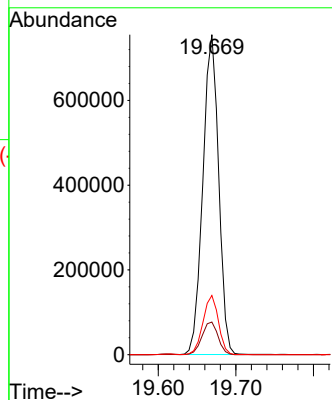
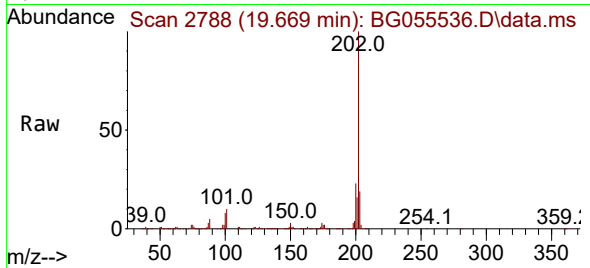




#75
Fluoranthene
Concen: 42.770 ng
RT: 19.669 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

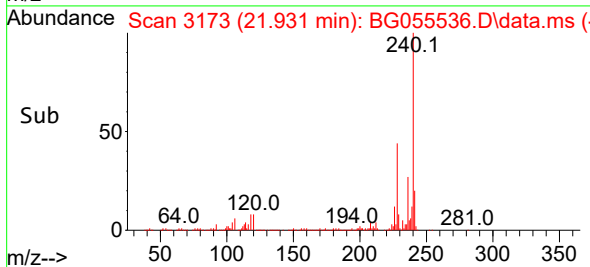
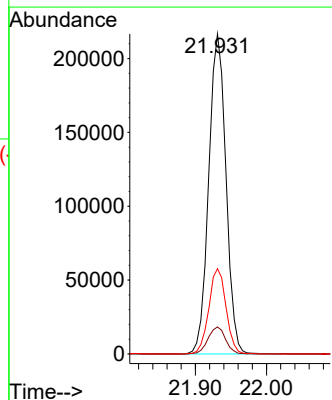
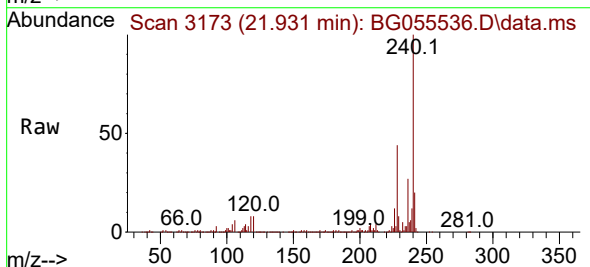
Instrument :
BNA_G
ClientSampleId :
PB148779BS

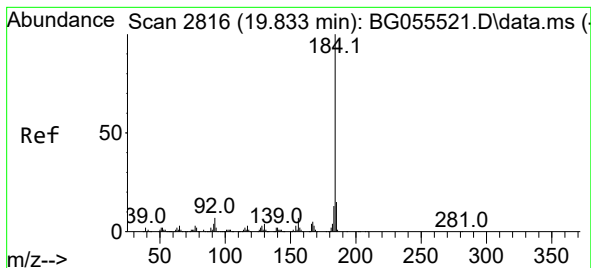
Tgt Ion:202 Resp: 1068869
Ion Ratio Lower Upper
202 100
101 10.2 0.0 29.8
203 18.5 0.0 38.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.931 min Scan# 3173
Delta R.T. 0.000 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

Tgt Ion:240 Resp: 365862
Ion Ratio Lower Upper
240 100
120 8.5 6.1 9.1
236 26.6 21.4 32.0





#77

Benzidine

Concen: 50.290 ng

RT: 19.839 min Scan# 2816

Delta R.T. 0.006 min

Lab File: BG055536.D

Acq: 10 Nov 2022 12:23

Instrument :

BNA_G

ClientSampleId :

PB148779BS

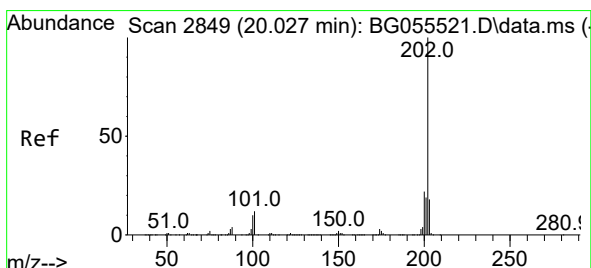
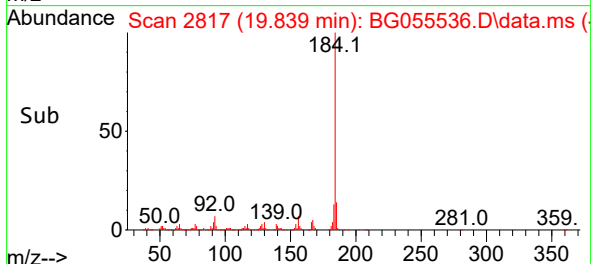
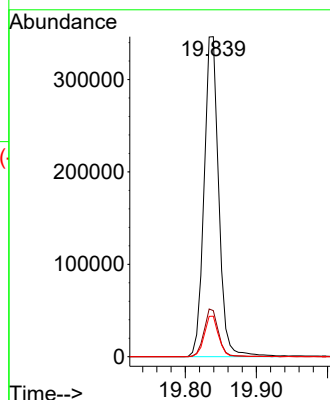
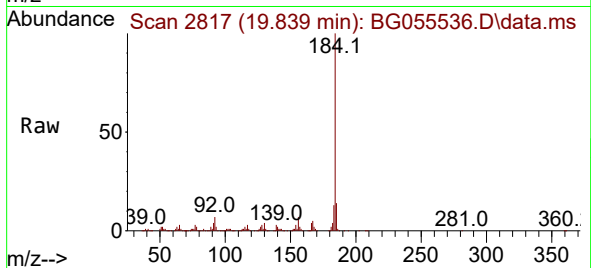
Tgt Ion:184 Resp: 497769

Ion Ratio Lower Upper

184 100

185 14.4 12.0 18.0

183 12.7 10.2 15.2



#78

Pyrene

Concen: 43.489 ng

RT: 20.027 min Scan# 2849

Delta R.T. 0.000 min

Lab File: BG055536.D

Acq: 10 Nov 2022 12:23

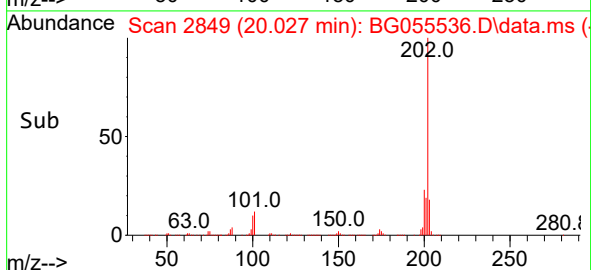
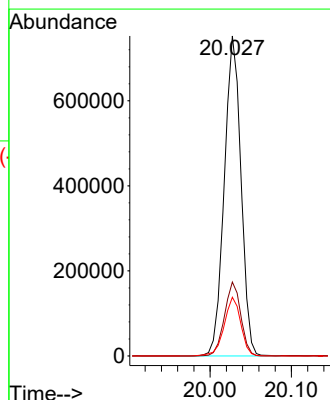
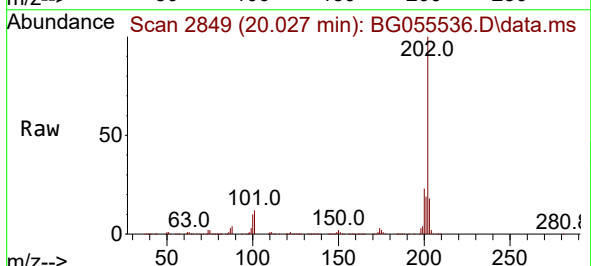
Tgt Ion:202 Resp: 1076847

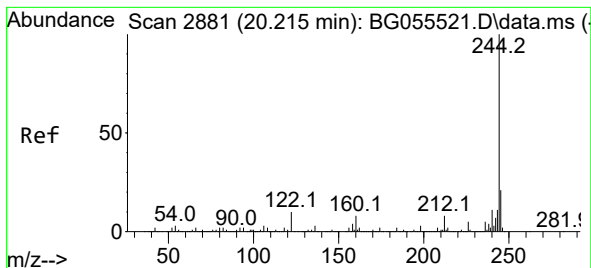
Ion Ratio Lower Upper

202 100

200 23.1 18.0 27.0

203 18.3 14.2 21.2





#79

Terphenyl-d14

Concen: 88.493 ng

RT: 20.215 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG055536.D

Acq: 10 Nov 2022 12:23

Instrument :

BNA_G

ClientSampleId :

PB148779BS

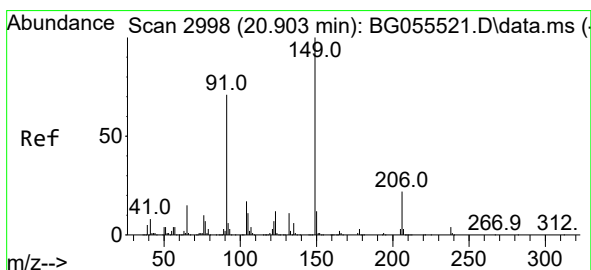
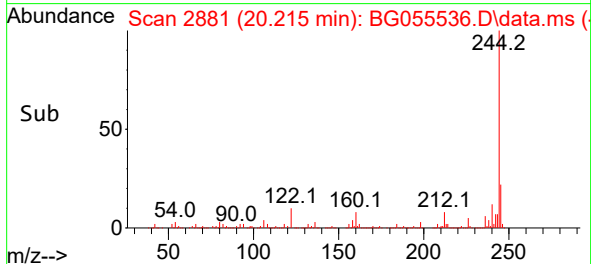
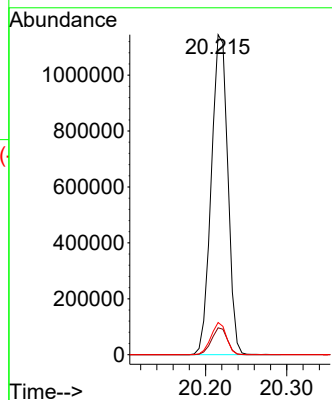
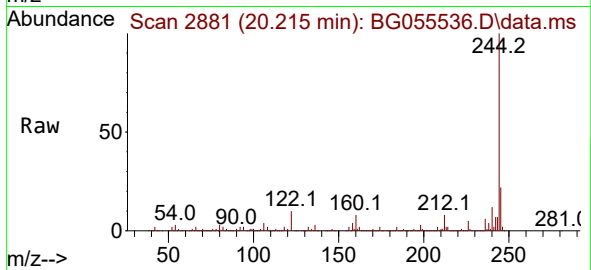
Tgt Ion:244 Resp: 1611909

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

122 10.1 7.7 11.5



#80

Butylbenzylphthalate

Concen: 45.923 ng

RT: 20.903 min Scan# 2998

Delta R.T. -0.000 min

Lab File: BG055536.D

Acq: 10 Nov 2022 12:23

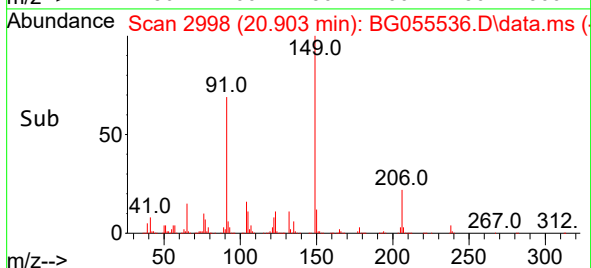
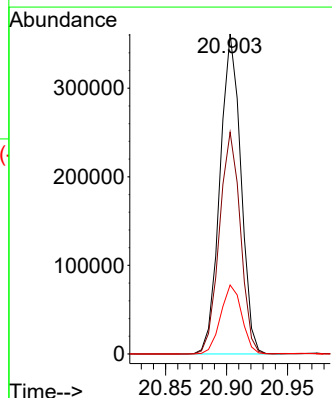
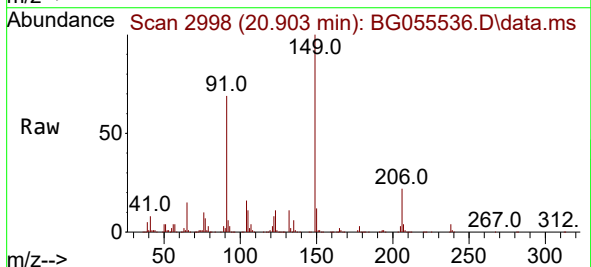
Tgt Ion:149 Resp: 431612

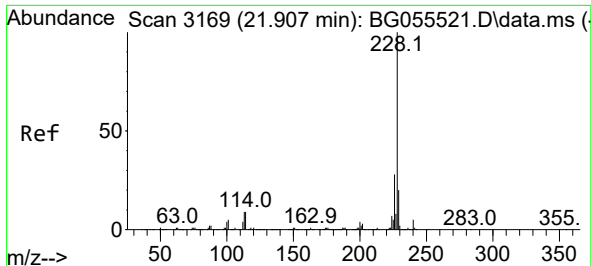
Ion Ratio Lower Upper

149 100

91 69.3 56.8 85.2

206 21.5 17.3 25.9

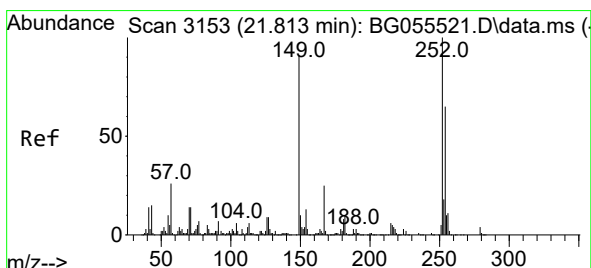
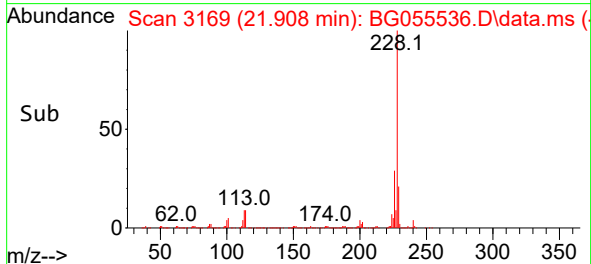
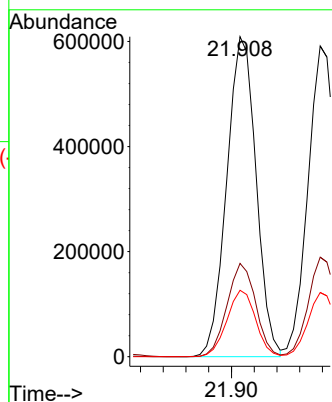
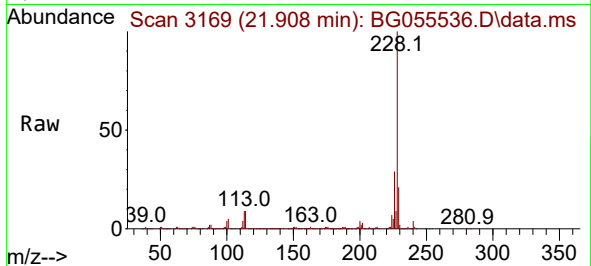




#81
Benzo(a)anthracene
Concen: 43.578 ng
RT: 21.908 min Scan# 3169
Delta R.T. 0.001 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

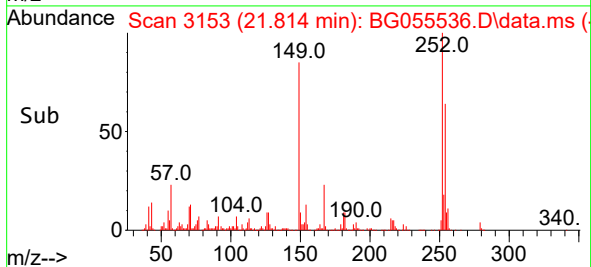
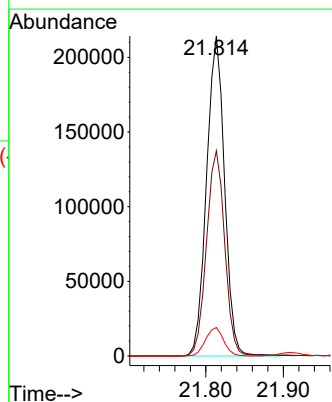
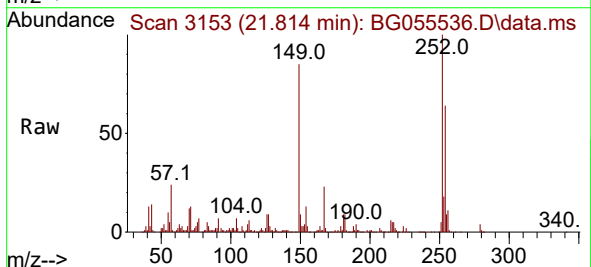
Instrument :
BNA_G
ClientSampleId :
PB148779BS

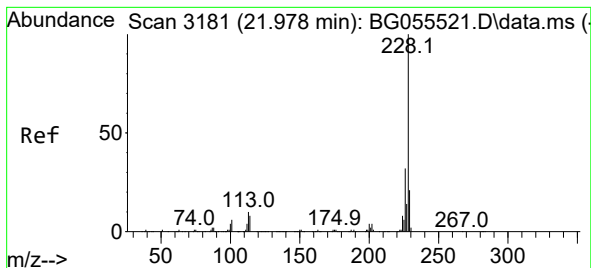
Tgt Ion:228 Resp: 1092072
Ion Ratio Lower Upper
228 100
226 29.1 22.6 34.0
229 20.8 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 42.194 ng
RT: 21.814 min Scan# 3153
Delta R.T. 0.001 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

Tgt Ion:252 Resp: 345095
Ion Ratio Lower Upper
252 100
254 64.1 52.2 78.2
126 8.9 6.9 10.3





#83

Chrysene

Concen: 43.060 ng

RT: 21.978 min Scan# 3181

Delta R.T. 0.000 min

Lab File: BG055536.D

Acq: 10 Nov 2022 12:23

Instrument :

BNA_G

ClientSampleId :

PB148779BS

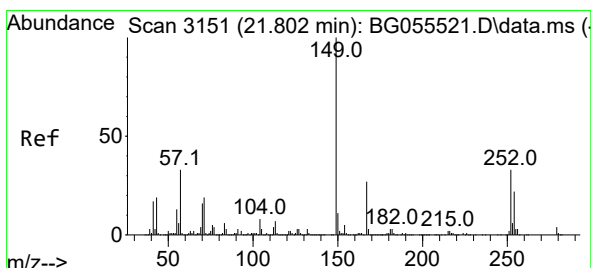
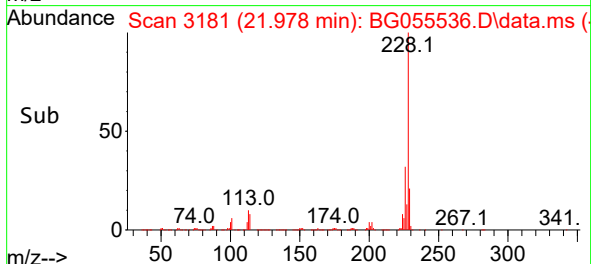
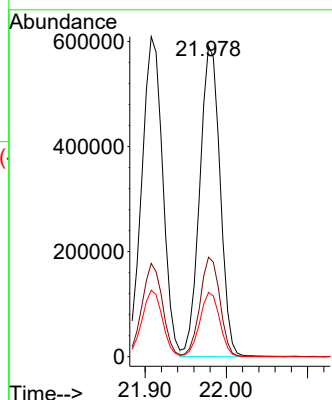
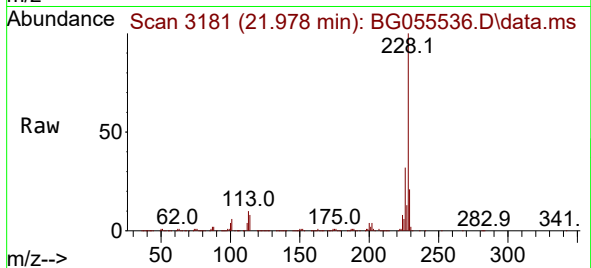
Tgt Ion:228 Resp: 1026103

Ion Ratio Lower Upper

228 100

226 32.0 25.7 38.5

229 20.7 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.650 ng

RT: 21.802 min Scan# 3151

Delta R.T. -0.000 min

Lab File: BG055536.D

Acq: 10 Nov 2022 12:23

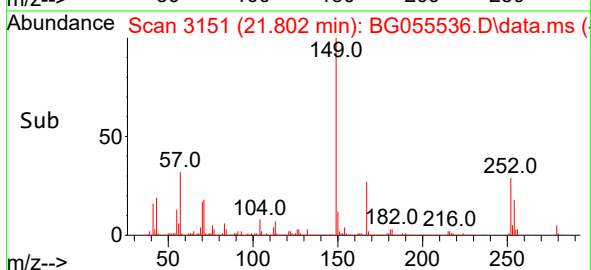
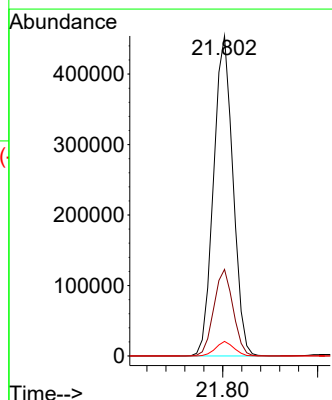
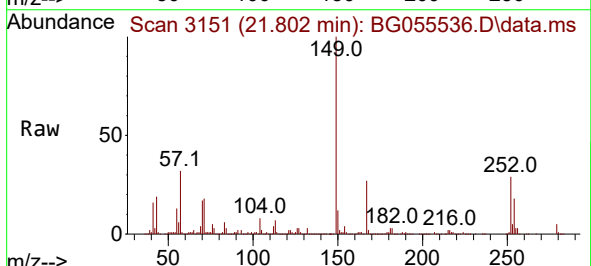
Tgt Ion:149 Resp: 645450

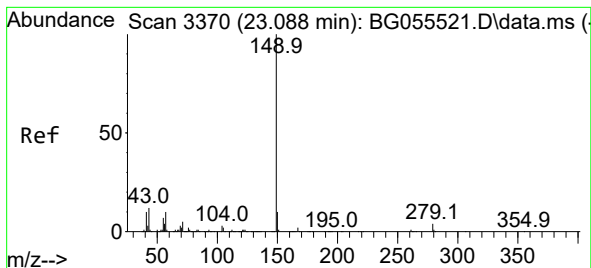
Ion Ratio Lower Upper

149 100

167 27.0 21.4 32.2

279 4.5 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 49.772 ng

RT: 23.089 min Scan# 31

Delta R.T. 0.001 min

Lab File: BG055536.D

Acq: 10 Nov 2022 12:23

Instrument :

BNA_G

ClientSampleId :

PB148779BS

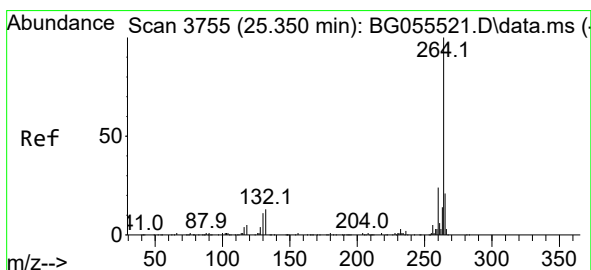
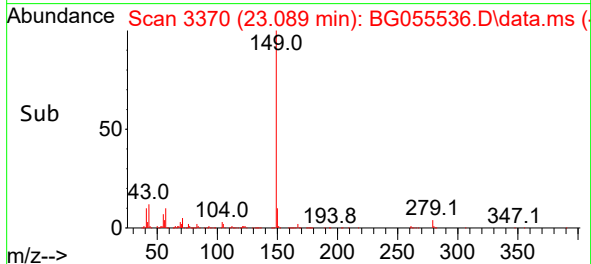
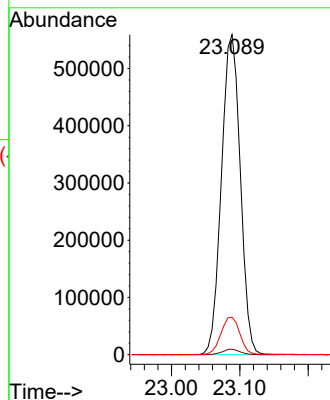
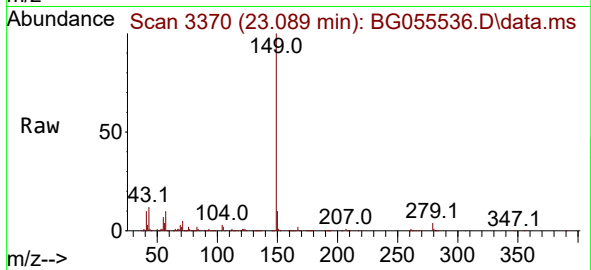
Tgt Ion:149 Resp: 1074854

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.8 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.351 min Scan# 3755

Delta R.T. 0.001 min

Lab File: BG055536.D

Acq: 10 Nov 2022 12:23

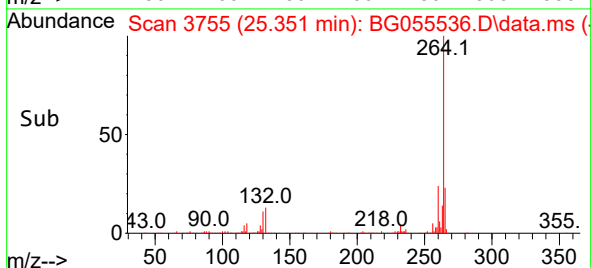
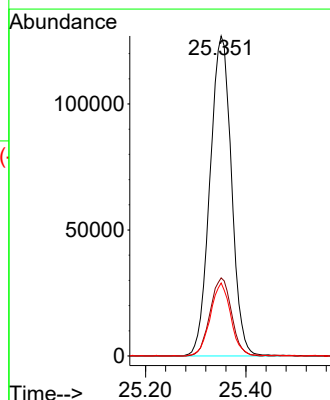
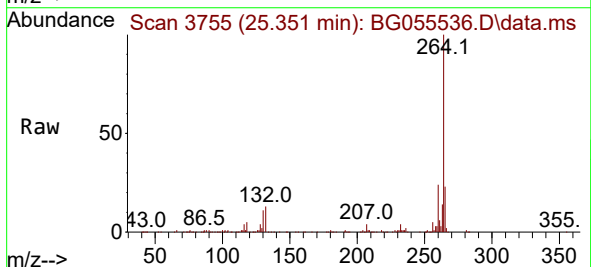
Tgt Ion:264 Resp: 377530

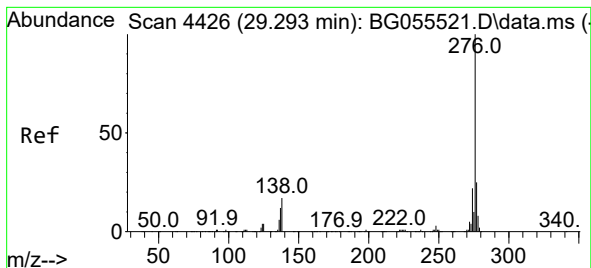
Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

265 22.8 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.768 ng

RT: 29.293 min Scan# 44

Delta R.T. 0.000 min

Lab File: BG055536.D

Acq: 10 Nov 2022 12:23

Instrument :

BNA_G

ClientSampleId :

PB148779BS

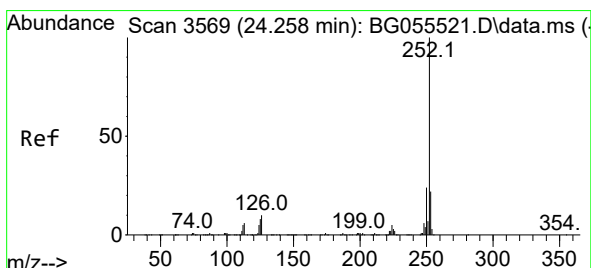
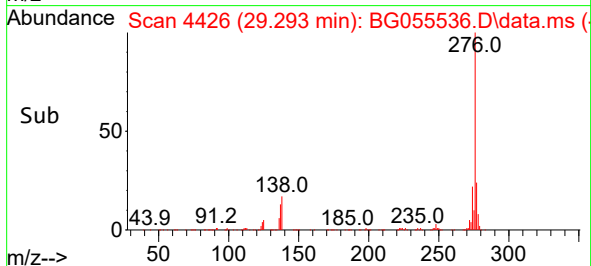
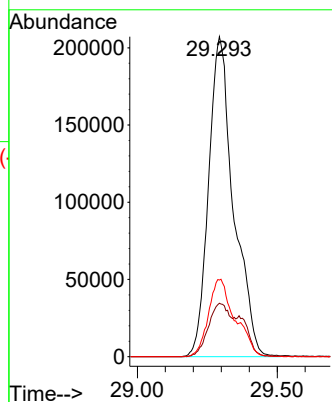
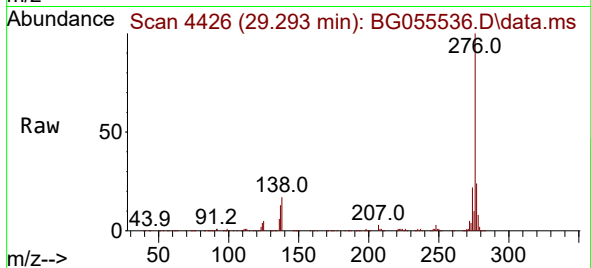
Tgt Ion:276 Resp: 1287259

Ion Ratio Lower Upper

276 100

138 15.7 11.5 17.3

277 25.8 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 49.594 ng

RT: 24.264 min Scan# 3570

Delta R.T. 0.006 min

Lab File: BG055536.D

Acq: 10 Nov 2022 12:23

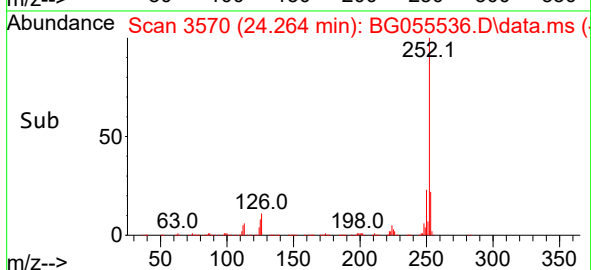
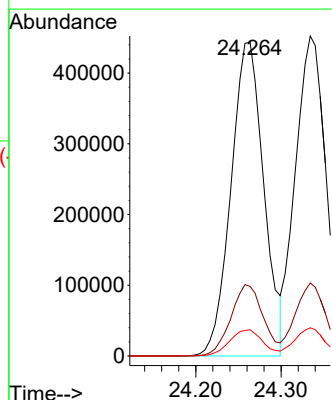
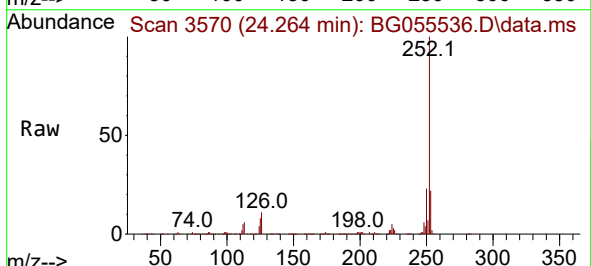
Tgt Ion:252 Resp: 1186315

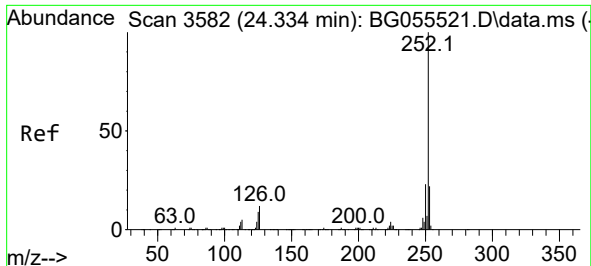
Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

125 8.4 6.7 10.1

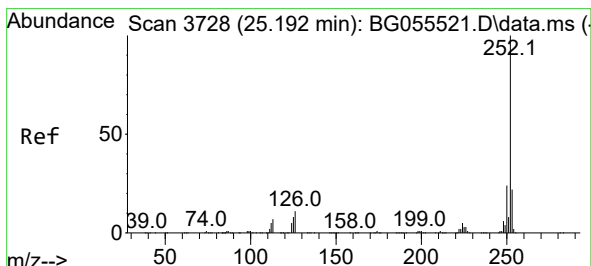
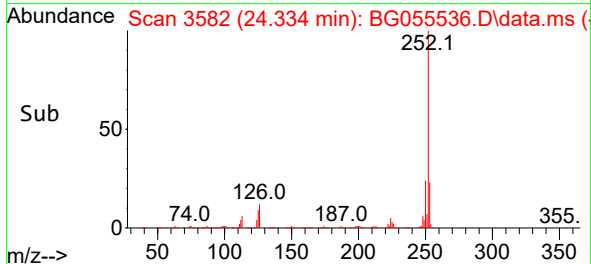
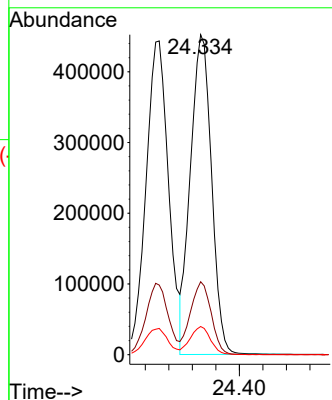
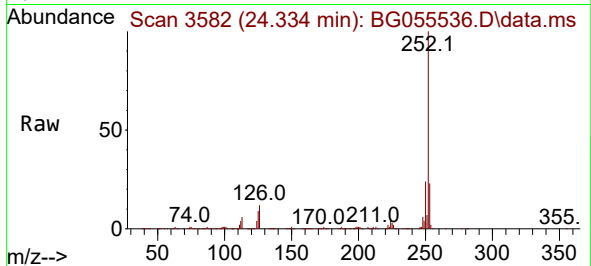




#89
Benzo(k)fluoranthene
Concen: 45.976 ng
RT: 24.334 min Scan# 3582
Delta R.T. 0.000 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

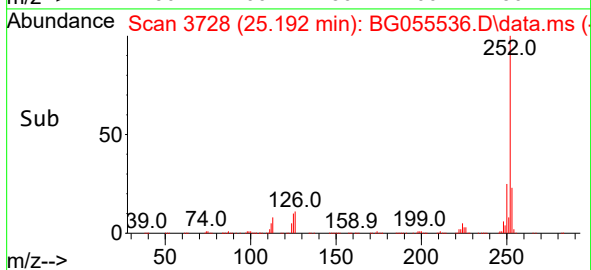
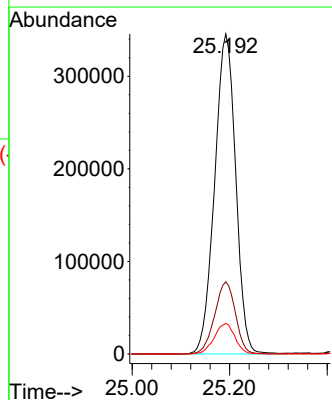
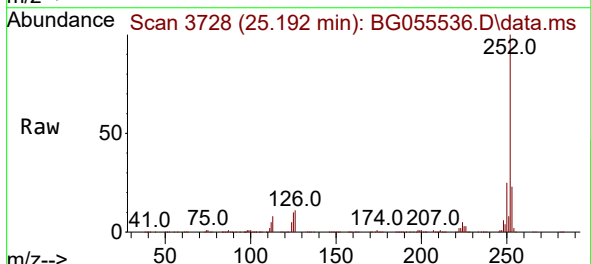
Instrument :
BNA_G
ClientSampleId :
PB148779BS

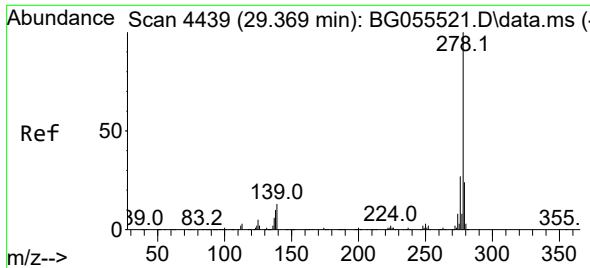
Tgt Ion:252 Resp: 1124330
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 8.8 6.9 10.3



#90
Benzo(a)pyrene
Concen: 50.303 ng
RT: 25.192 min Scan# 3728
Delta R.T. -0.000 min
Lab File: BG055536.D
Acq: 10 Nov 2022 12:23

Tgt Ion:252 Resp: 1036513
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 9.6 6.7 10.1

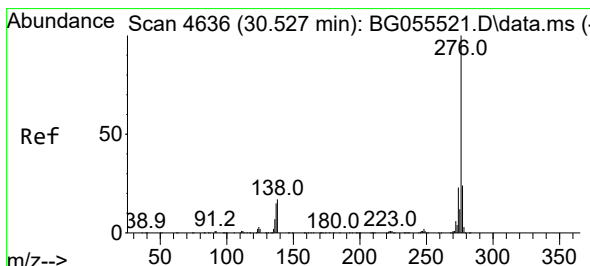
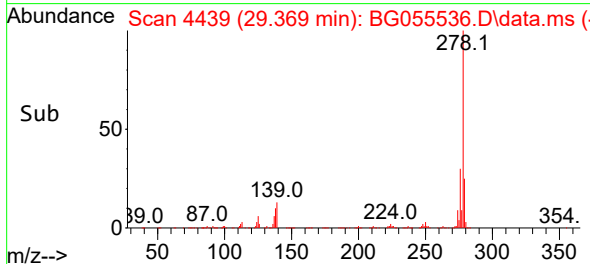
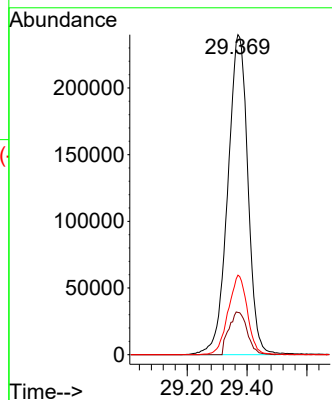
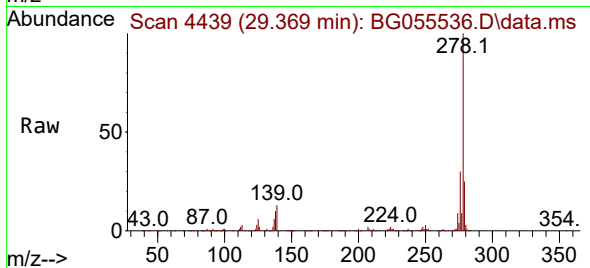




#91
 Dibenzo(a,h)anthracene
 Concen: 46.846 ng
 RT: 29.369 min Scan# 4439
 Delta R.T. 0.000 min
 Lab File: BG055536.D
 Acq: 10 Nov 2022 12:23

Instrument :
 BNA_G
 ClientSampleId :
 PB148779BS

Tgt Ion:278 Resp: 1115037
 Ion Ratio Lower Upper
 278 100
 139 13.2 10.6 15.8
 279 24.9 19.4 29.2



#92
 Benzo(g,h,i)perylene
 Concen: 47.346 ng
 RT: 30.533 min Scan# 4637
 Delta R.T. 0.006 min
 Lab File: BG055536.D
 Acq: 10 Nov 2022 12:23

Tgt Ion:276 Resp: 1101632
 Ion Ratio Lower Upper
 276 100
 277 24.1 19.3 28.9
 138 18.0 13.9 20.9

