

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052523\
 Data File : BG057556.D
 Acq On : 25 May 2023 13:31
 Operator : CG/JU
 Sample : PB152903BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152903BSD

Quant Time: May 25 16:22:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 10:58:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.354	152	17221	20.000	ng	-0.01
21) Naphthalene-d8	11.198	136	72826	20.000	ng	0.00
39) Acenaphthene-d10	14.975	164	61138	20.000	ng	0.00
64) Phenanthrene-d10	17.718	188	156665	20.000	ng	0.00
76) Chrysene-d12	22.024	240	133719	20.000	ng	-0.01
86) Perylene-d12	25.531	264	147323	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.875	112	148363	147.373	ng	0.00
7) Phenol-d6	7.503	99	224310	146.729	ng	0.00
23) Nitrobenzene-d5	9.535	82	137494	79.240	ng	-0.01
42) 2,4,6-Tribromophenol	16.461	330	121765	140.366	ng	0.00
45) 2-Fluorobiphenyl	13.600	172	366184	80.666	ng	0.00
79) Terphenyl-d14	20.285	244	726925	88.715	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.661	88	13794	33.139	ng	93
3) Pyridine	4.084	79	41625	31.117	ng	97
4) n-Nitrosodimethylamine	3.996	42	23186	36.883	ng	96
6) Aniline	7.667	93	62087	32.014	ng	96
8) 2-Chlorophenol	7.920	128	57764	54.301	ng	97
9) Benzaldehyde	7.485	77	23738	27.013	ng	99
10) Phenol	7.532	94	80087	53.741	ng	94
11) bis(2-Chloroethyl)ether	7.755	93	50296	44.758	ng	99
12) 1,3-Dichlorobenzene	8.243	146	56752	48.338	ng	96
13) 1,4-Dichlorobenzene	8.390	146	57829	49.036	ng	95
14) 1,2-Dichlorobenzene	8.719	146	56598	49.713	ng	92
15) Benzyl Alcohol	8.595	79	61782	48.512	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.877	45	62109	43.851	ng	99
17) 2-Methylphenol	8.801	107	54323	50.569	ng	98
18) Hexachloroethane	9.453	117	20626	48.464	ng	91
19) n-Nitroso-di-n-propyla...	9.159	70	47945	41.130	ng	# 99
20) 3+4-Methylphenols	9.130	107	75025	51.005	ng	96
22) Acetophenone	9.189	105	90500	43.418	ng	# 95
24) Nitrobenzene	9.582	77	72828	41.584	ng	94
25) Isophorone	10.099	82	135787	40.357	ng	98
26) 2-Nitrophenol	10.299	139	33104	49.382	ng	92
27) 2,4-Dimethylphenol	10.346	122	61679	52.545	ng	100
28) bis(2-Chloroethoxy)met...	10.569	93	73915	43.851	ng	98
29) 2,4-Dichlorophenol	10.845	162	66509	53.421	ng	94
30) 1,2,4-Trichlorobenzene	11.057	180	64284	44.767	ng	98
31) Naphthalene	11.245	128	175929	45.187	ng	98
32) Benzoic acid	10.504	122	29568	44.107	ng	99
33) 4-Chloroaniline	11.356	127	49254	28.170	ng	97
34) Hexachlorobutadiene	11.515	225	44019	41.312	ng	94
35) Caprolactam	12.126	113	14601	34.333	ng	91
36) 4-Chloro-3-methylphenol	12.455	107	74926	52.958	ng	98
37) 2-Methylnaphthalene	12.825	142	133836	43.721	ng	97
38) 1-Methylnaphthalene	13.042	142	127720	44.266	ng	99
40) 1,2,4,5-Tetrachloroben...	13.189	216	92916	42.809	ng	98
41) Hexachlorocyclopentadiene	13.160	237	62314	61.325	ng	100
43) 2,4,6-Trichlorophenol	13.424	196	60904	46.059	ng	99

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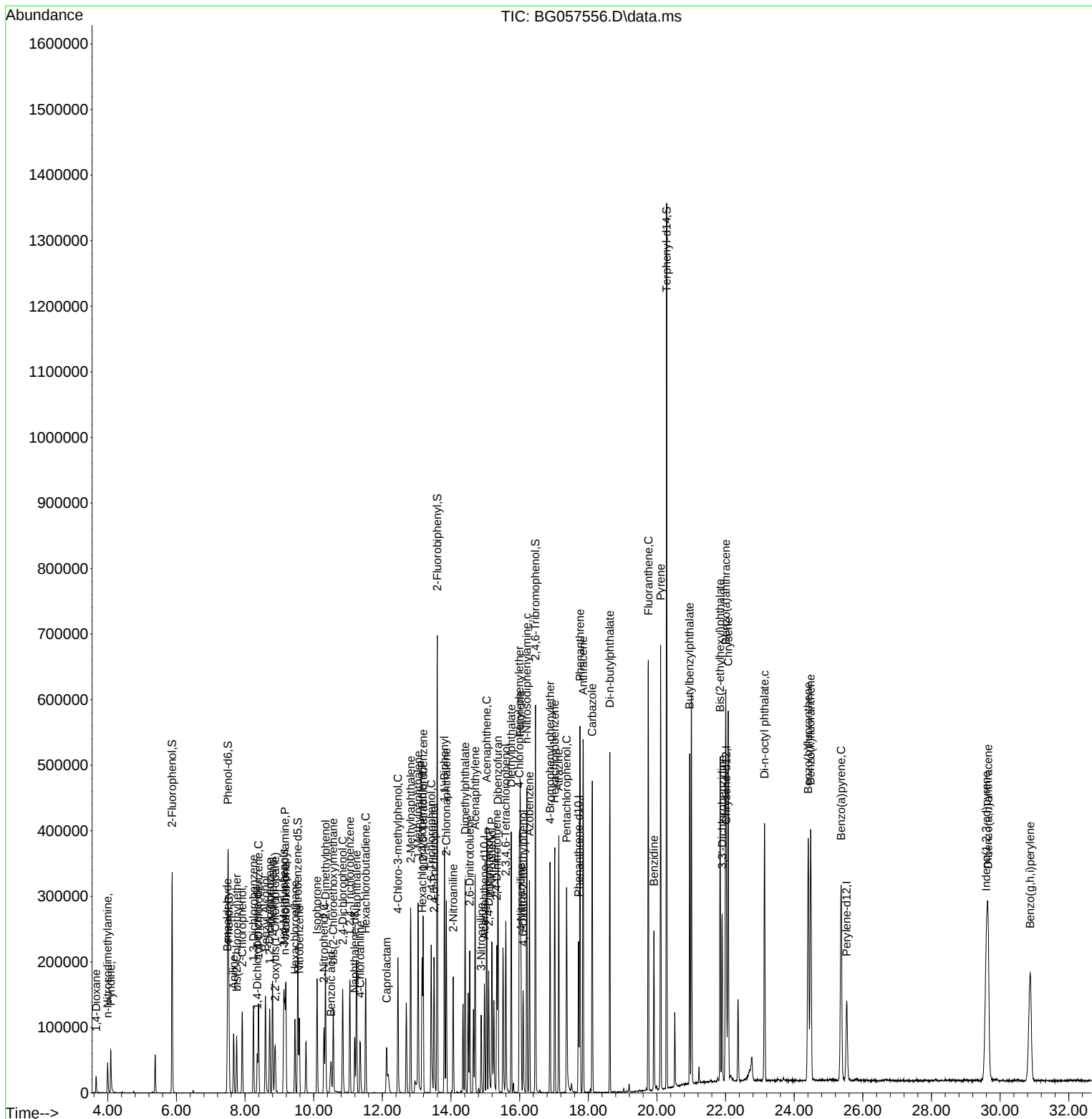
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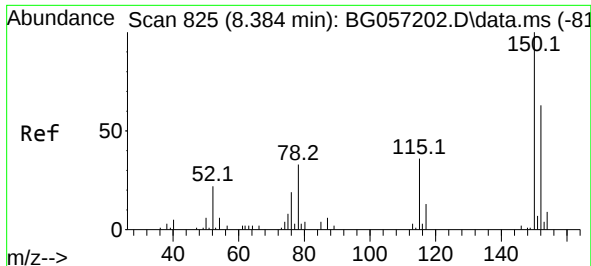
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.506	196	67335	43.290	ng	95
46) 1,1'-Biphenyl	13.812	154	198662	43.790	ng	98
47) 2-Chloronaphthalene	13.865	162	150917	44.735	ng	99
48) 2-Nitroaniline	14.064	65	51621	45.002	ng	94
49) Acenaphthylene	14.705	152	246145	44.911	ng	100
50) Dimethylphthalate	14.411	163	215223	42.839	ng	99
51) 2,6-Dinitrotoluene	14.546	165	47656	46.458	ng	86
52) Acenaphthene	15.039	154	152593	44.555	ng	99
53) 3-Nitroaniline	14.881	138	31354	30.510	ng #	88
54) 2,4-Dinitrophenol	15.098	184	54267	85.092	ng	94
55) Dibenzofuran	15.368	168	255932	44.476	ng	100
56) 4-Nitrophenol	15.192	139	65905	96.425	ng	86
57) 2,4-Dinitrotoluene	15.333	165	70183	47.873	ng	95
58) Fluorene	16.015	166	213224	44.985	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.598	232	63746	45.204	ng	97
60) Diethylphthalate	15.756	149	220646	43.246	ng	99
61) 4-Chlorophenyl-phenyle...	15.991	204	121582	42.580	ng	95
62) 4-Nitroaniline	16.044	138	46584	44.934	ng	91
63) Azobenzene	16.285	77	203577	41.354	ng	96
65) 4,6-Dinitro-2-methylph...	16.103	198	44221	47.278	ng	97
66) n-Nitrosodiphenylamine	16.208	169	190946	44.875	ng	98
67) 4-Bromophenyl-phenylether	16.890	248	83009	43.404	ng	99
68) Hexachlorobenzene	17.025	284	88468	47.602	ng	97
69) Atrazine	17.142	200	84449	52.028	ng	98
70) Pentachlorophenol	17.372	266	78474	73.266	ng	97
71) Phenanthrene	17.759	178	361487	45.029	ng	99
72) Anthracene	17.847	178	366718	44.520	ng	99
73) Carbazole	18.118	167	323248	46.614	ng	99
74) Di-n-butylphthalate	18.629	149	368538	46.190	ng	98
75) Fluoranthene	19.751	202	435447	43.612	ng	99
77) Benzidine	19.915	184	161977	54.182	ng	99
78) Pyrene	20.109	202	439745	45.256	ng	99
80) Butylbenzylphthalate	20.955	149	155985	50.594	ng	97
81) Benzo(a)anthracene	22.006	228	425085	44.619	ng	100
82) 3,3'-Dichlorobenzidine	21.901	252	106479	34.893	ng	99
83) Chrysene	22.077	228	389487	43.451	ng	100
84) Bis(2-ethylhexyl)phtha...	21.842	149	215664	47.278	ng	98
85) Di-n-octyl phthalate	23.134	149	368881	48.506	ng	97
87) Indeno(1,2,3-cd)pyrene	29.596	276	471914	43.952	ng #	95
88) Benzo(b)fluoranthene	24.409	252	424736	44.104	ng	99
89) Benzo(k)fluoranthene	24.480	252	418732	42.788	ng	98
90) Benzo(a)pyrene	25.367	252	371196	39.453	ng	98
91) Dibenzo(a,h)anthracene	29.649	278	394605	44.130	ng #	98
92) Benzo(g,h,i)perylene	30.877	276	384219	44.006	ng	95

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

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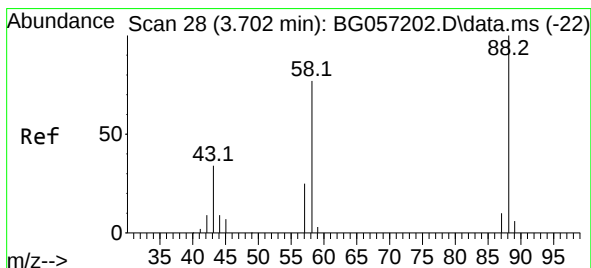
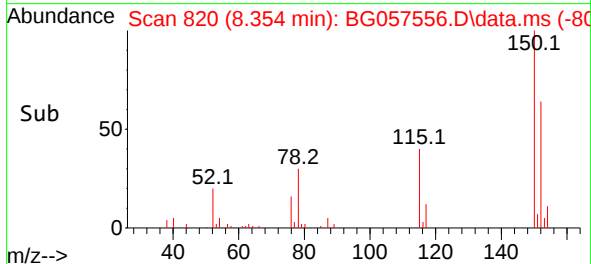
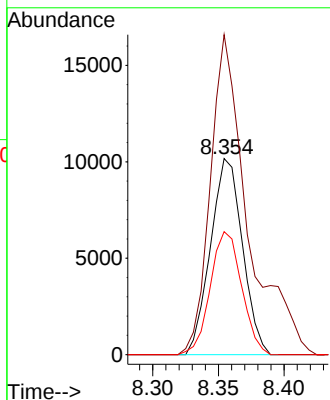
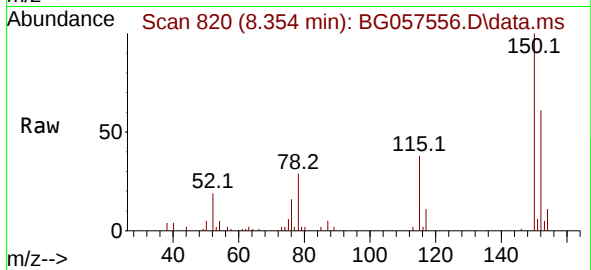




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.354 min Scan# 81
Delta R.T. -0.012 min
Lab File: BG057556.D
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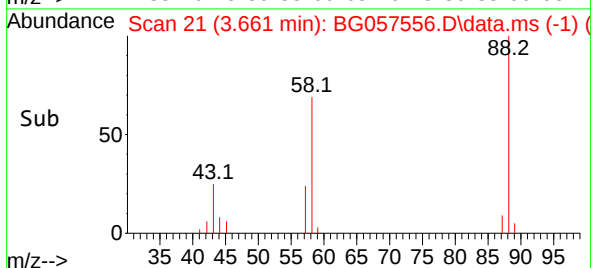
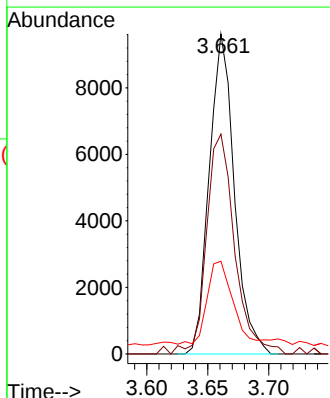
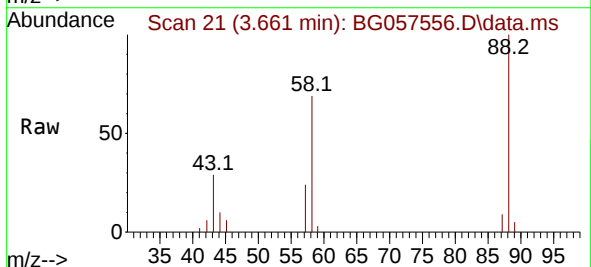
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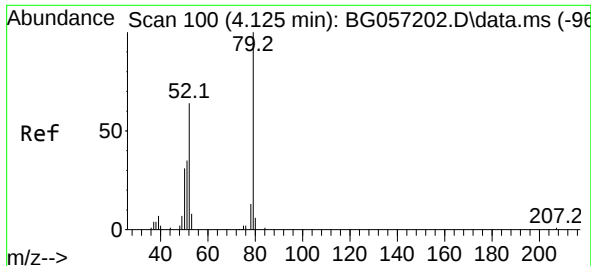
Tgt Ion:152 Resp: 17221
Ion Ratio Lower Upper
152 100
150 163.2 126.2 189.4
115 62.7 45.0 67.4



#2
1,4-Dioxane
Concen: 33.139 ng
RT: 3.661 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

Tgt Ion: 88 Resp: 13794
Ion Ratio Lower Upper
88 100
58 76.6 57.1 85.7
43 26.5 24.4 36.6

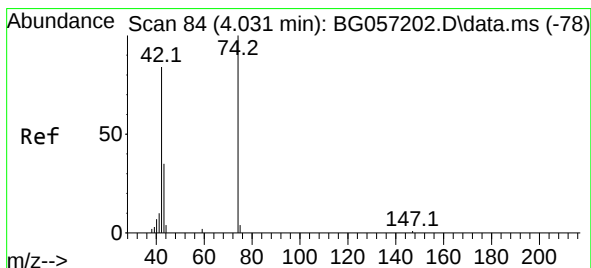
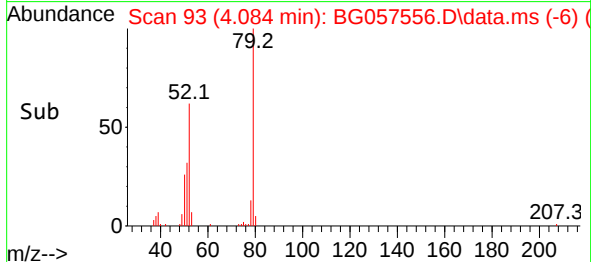
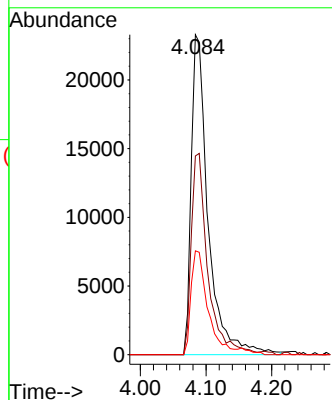
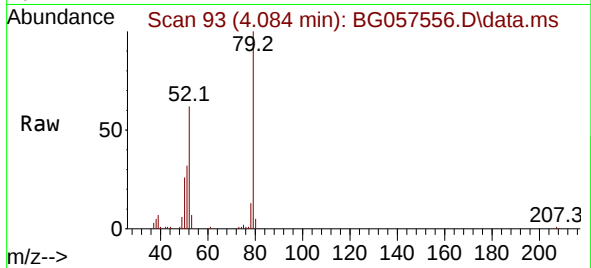




#3
Pyridine
Concen: 31.117 ng
RT: 4.084 min Scan# 91
Delta R.T. -0.017 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

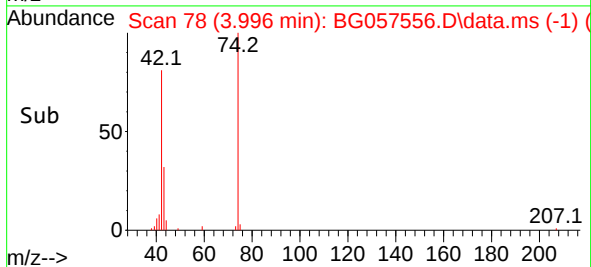
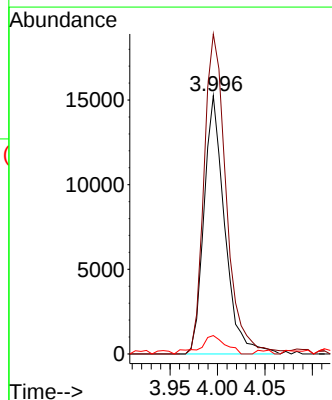
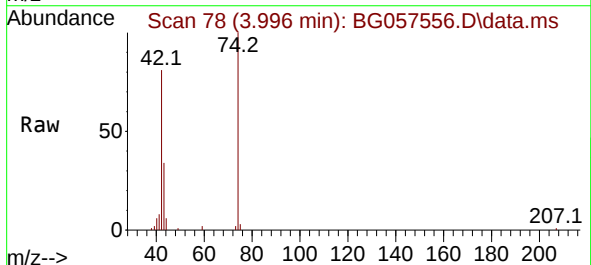
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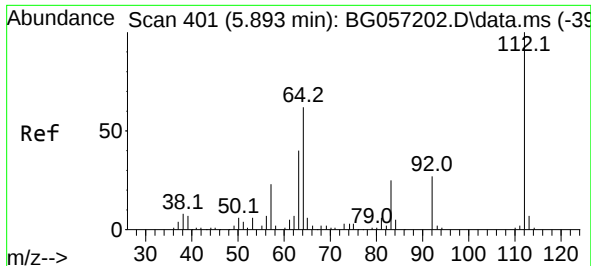
Tgt Ion: 79 Resp: 41625
Ion Ratio Lower Upper
79 100
52 62.1 51.4 77.0
51 32.5 28.0 42.0



#4
n-Nitrosodimethylamine
Concen: 36.883 ng
RT: 3.996 min Scan# 78
Delta R.T. -0.011 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

Tgt Ion: 42 Resp: 23186
Ion Ratio Lower Upper
42 100
74 123.9 95.1 142.7
44 7.1 5.8 8.8

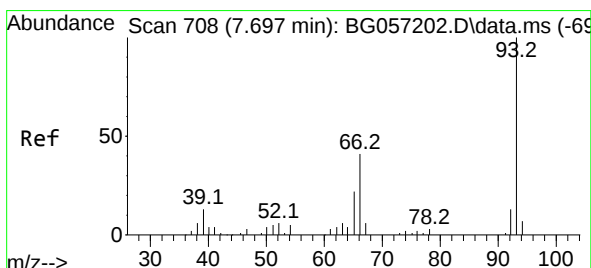
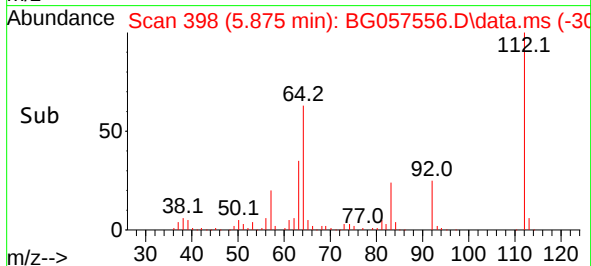
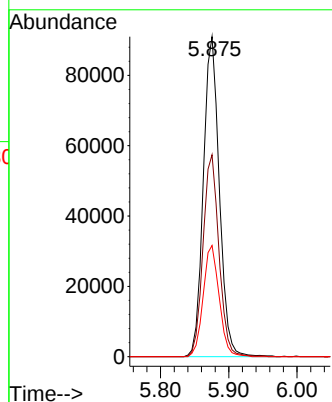
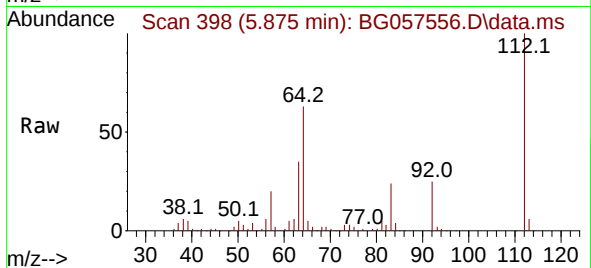




#5
2-Fluorophenol
Concen: 147.373 ng
RT: 5.875 min Scan# 398
Delta R.T. 0.000 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

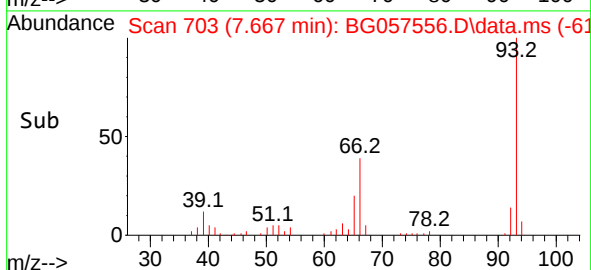
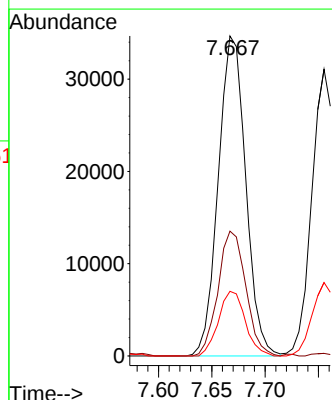
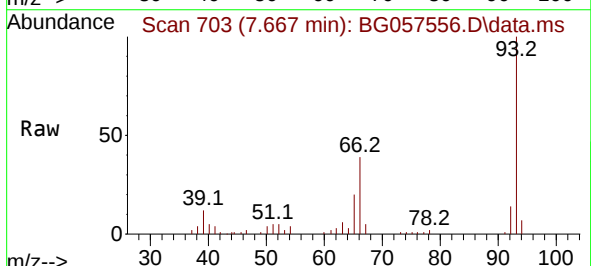
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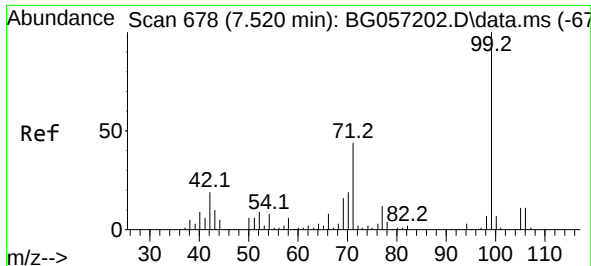
Tgt Ion:112 Resp: 148363
Ion Ratio Lower Upper
112 100
64 63.1 49.4 74.2
63 34.8 31.6 47.4



#6
Aniline
Concen: 32.014 ng
RT: 7.667 min Scan# 703
Delta R.T. -0.011 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

Tgt Ion: 93 Resp: 62087
Ion Ratio Lower Upper
93 100
66 39.0 33.0 49.6
65 20.2 18.0 27.0

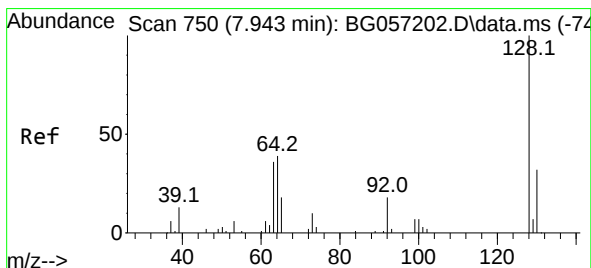
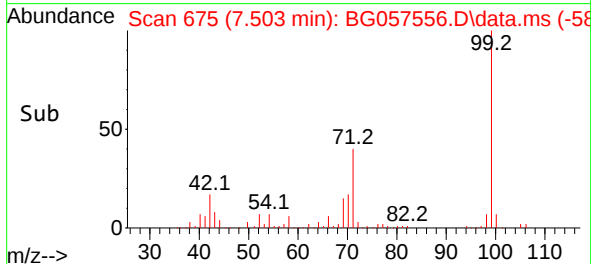
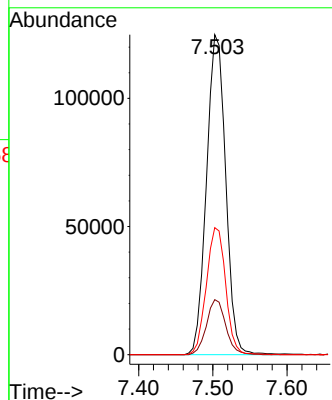
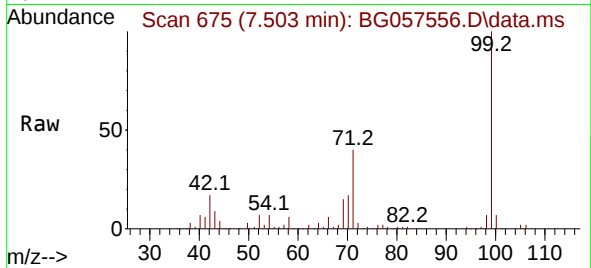




#7
Phenol-d6
Concen: 146.729 ng
RT: 7.503 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

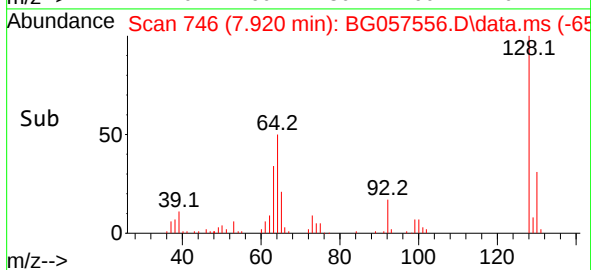
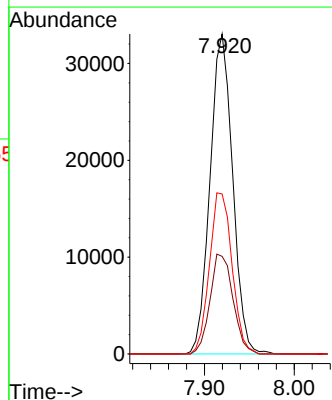
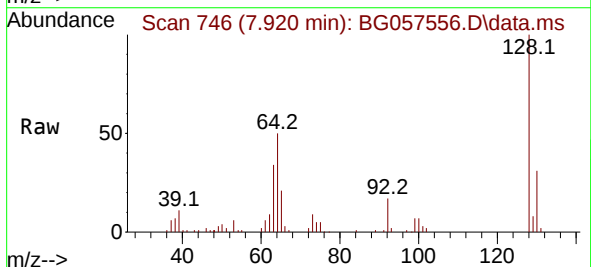
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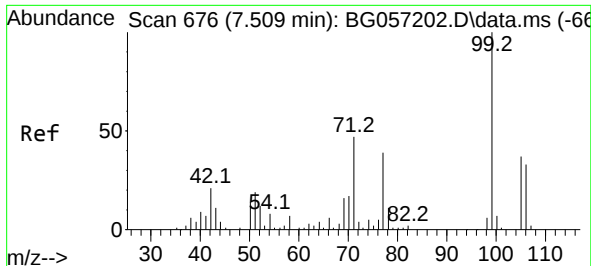
Tgt Ion: 99 Resp: 224310
Ion Ratio Lower Upper
99 100
42 17.2 15.1 22.7
71 39.7 35.2 52.8



#8
2-Chlorophenol
Concen: 54.301 ng
RT: 7.920 min Scan# 746
Delta R.T. -0.005 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

Tgt Ion: 128 Resp: 57764
Ion Ratio Lower Upper
128 100
130 30.5 12.2 52.2
64 50.0 28.4 68.4

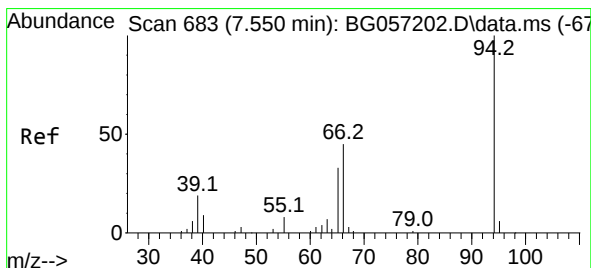
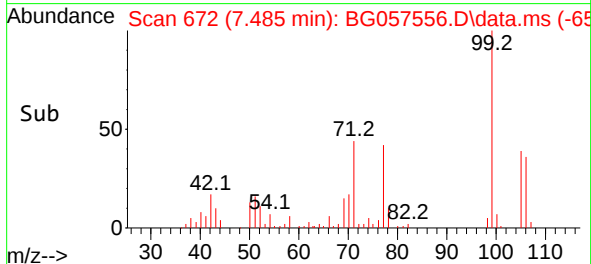
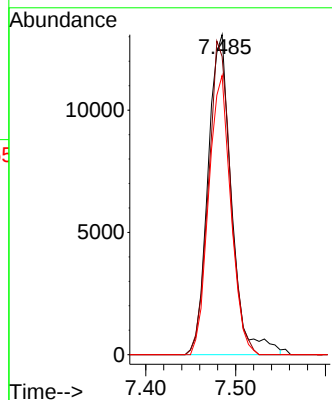
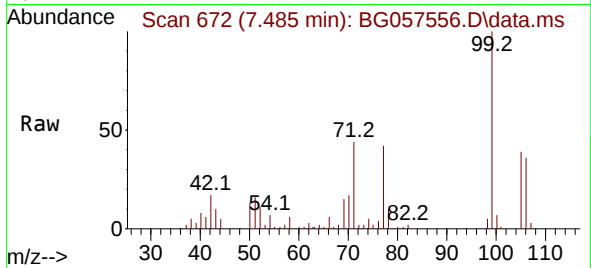




#9
Benzaldehyde
Concen: 27.013 ng
RT: 7.485 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

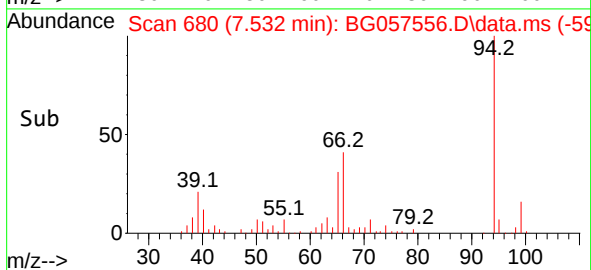
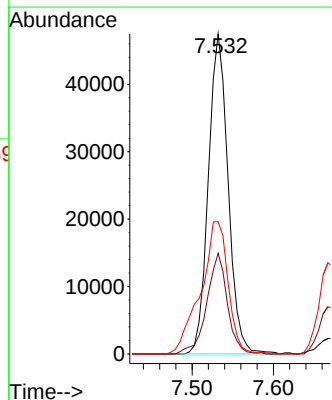
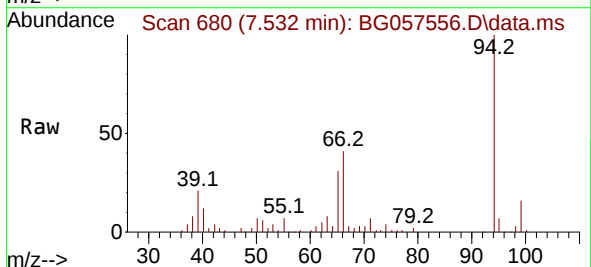
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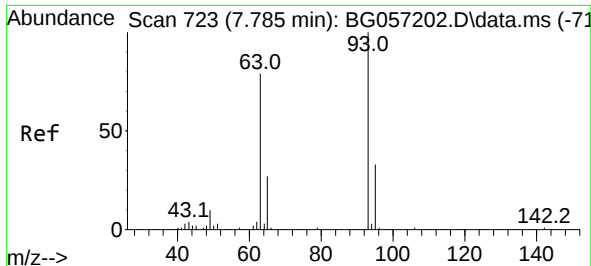
Tgt Ion: 77 Resp: 23738
Ion Ratio Lower Upper
77 100
105 93.2 74.6 114.6
106 87.3 66.3 106.3



#10
Phenol
Concen: 53.741 ng
RT: 7.532 min Scan# 680
Delta R.T. -0.005 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

Tgt Ion: 94 Resp: 80087
Ion Ratio Lower Upper
94 100
65 31.4 13.5 53.5
66 41.3 26.7 66.7

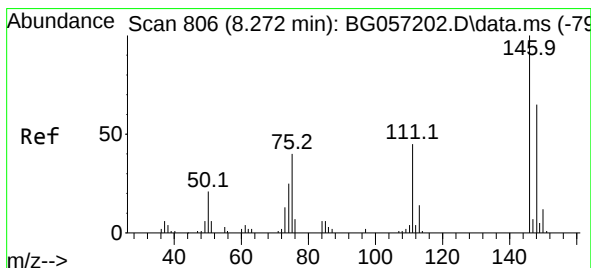
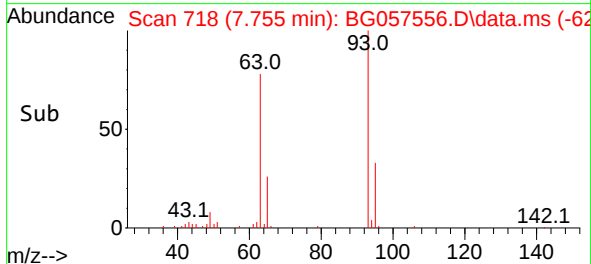
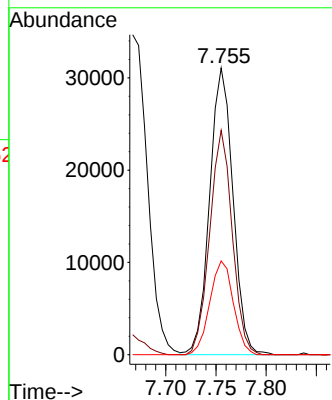
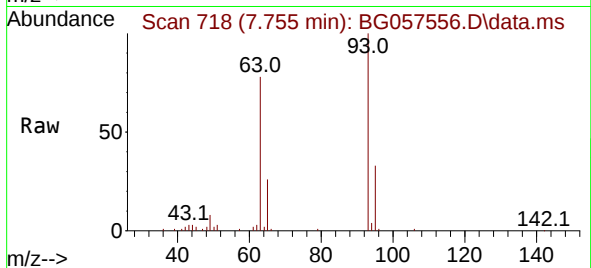




#11
bis(2-Chloroethyl)ether
Concen: 44.758 ng
RT: 7.755 min Scan# 718
Delta R.T. -0.005 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

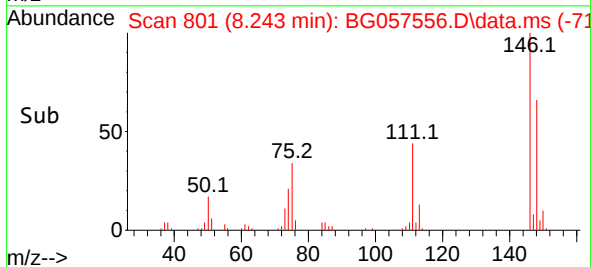
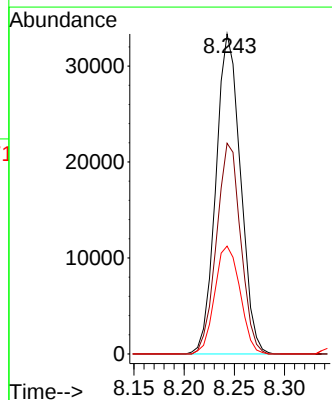
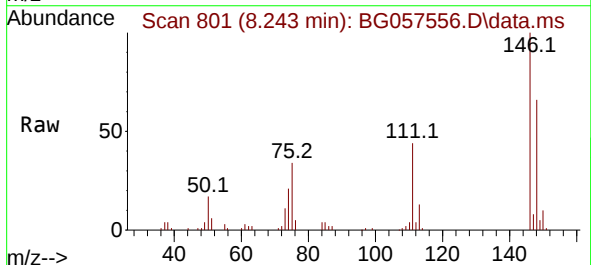
Instrument :
BNA_G
ClientSampleId :
PB152903BSD

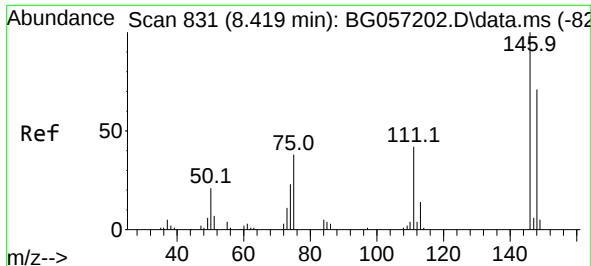
Tgt Ion: 93 Resp: 50296
Ion Ratio Lower Upper
93 100
63 78.2 58.6 98.6
95 32.7 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 48.338 ng
RT: 8.243 min Scan# 801
Delta R.T. -0.011 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

Tgt Ion: 146 Resp: 56752
Ion Ratio Lower Upper
146 100
148 65.9 52.2 78.2
75 33.7 31.7 47.5





#13

1,4-Dichlorobenzene

Concen: 49.036 ng

RT: 8.390 min Scan# 81

Delta R.T. -0.011 min

Lab File: BG057556.D

Acq: 25 May 2023 13:31

Instrument :

BNA_G

ClientSampleId :

PB152903BSD

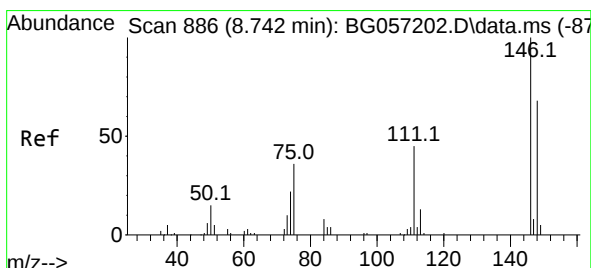
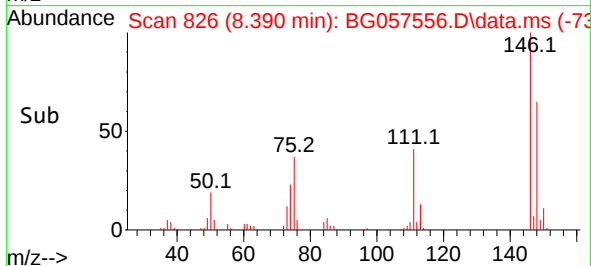
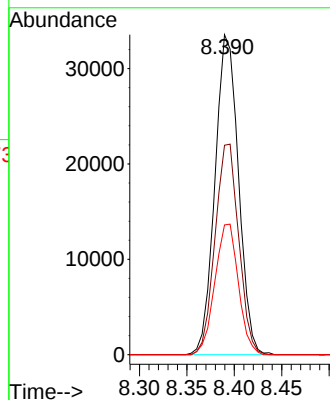
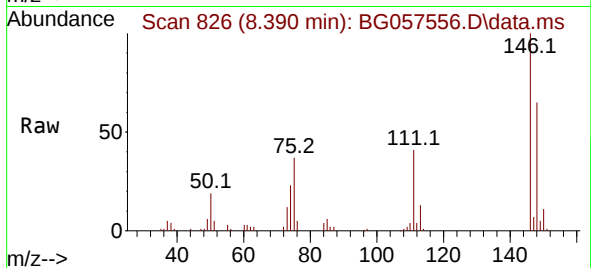
Tgt Ion:146 Resp: 57829

Ion Ratio Lower Upper

146 100

148 65.5 56.4 84.6

111 40.5 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 49.713 ng

RT: 8.719 min Scan# 882

Delta R.T. -0.005 min

Lab File: BG057556.D

Acq: 25 May 2023 13:31

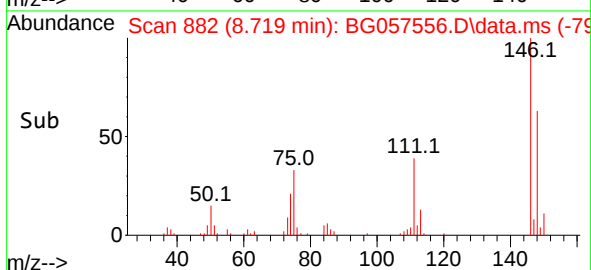
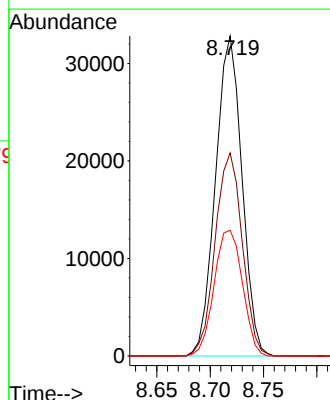
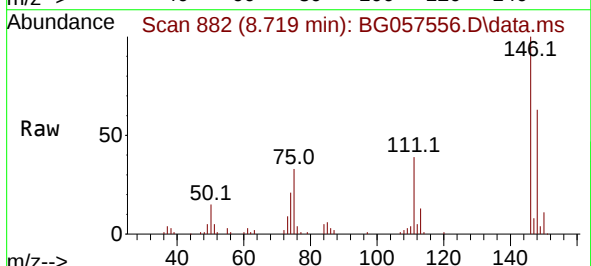
Tgt Ion:146 Resp: 56598

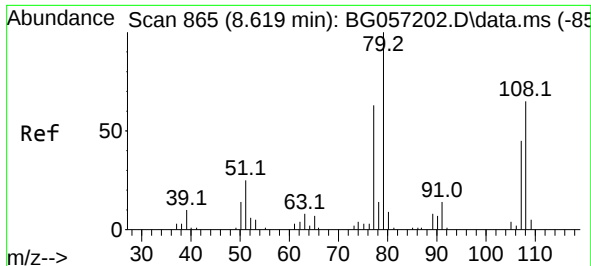
Ion Ratio Lower Upper

146 100

148 63.5 54.6 82.0

111 39.3 37.2 55.8

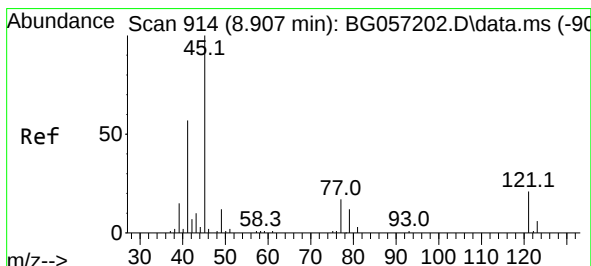
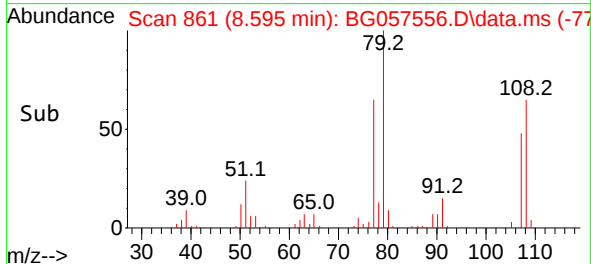
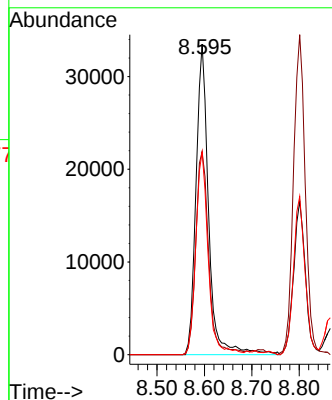
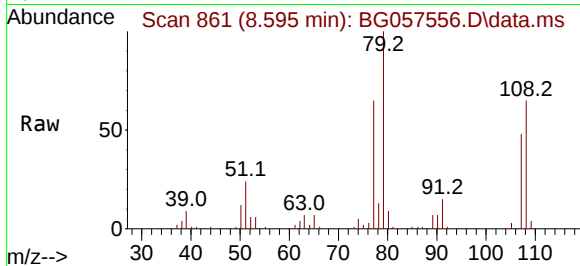




#15
Benzyl Alcohol
Concen: 48.512 ng
RT: 8.595 min Scan# 80
Delta R.T. -0.005 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

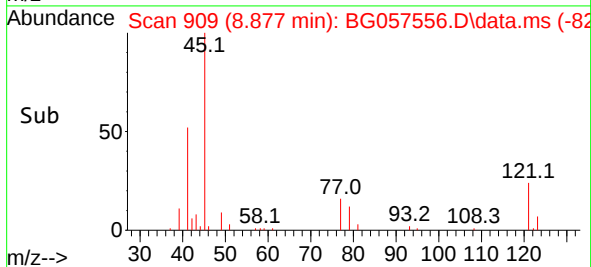
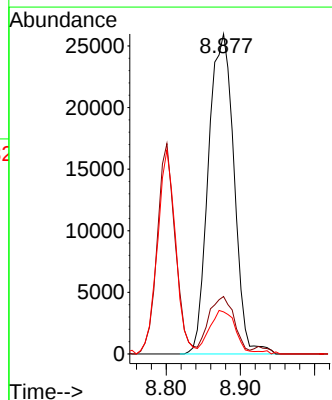
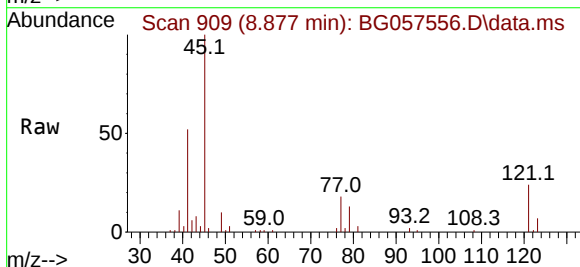
Instrument :
BNA_G
ClientSampleId :
PB152903BSD

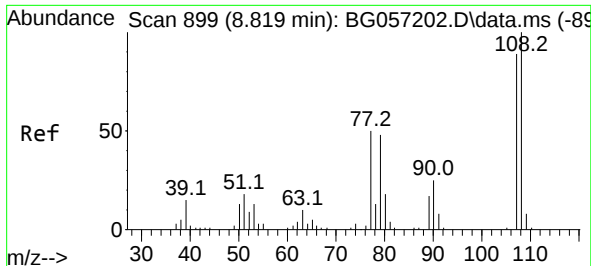
Tgt Ion: 79 Resp: 61782
Ion Ratio Lower Upper
79 100
108 65.4 52.2 78.2
77 65.2 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.851 ng
RT: 8.877 min Scan# 909
Delta R.T. -0.005 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

Tgt Ion: 45 Resp: 62109
Ion Ratio Lower Upper
45 100
77 18.0 0.0 38.5
79 13.1 0.0 33.8

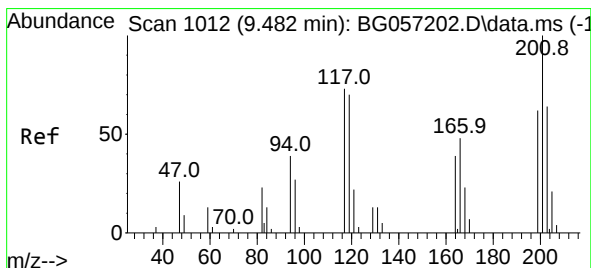
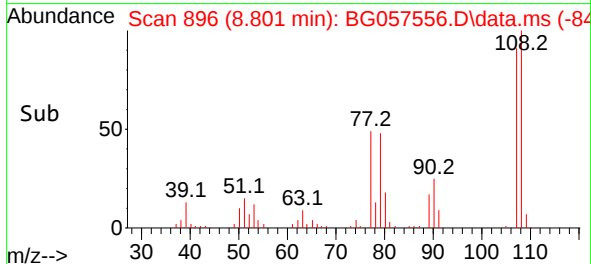
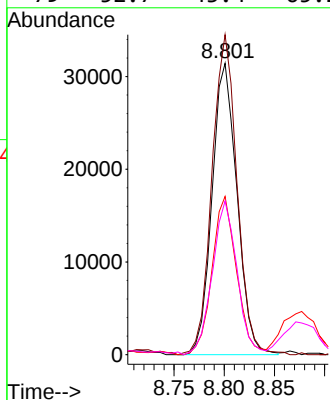
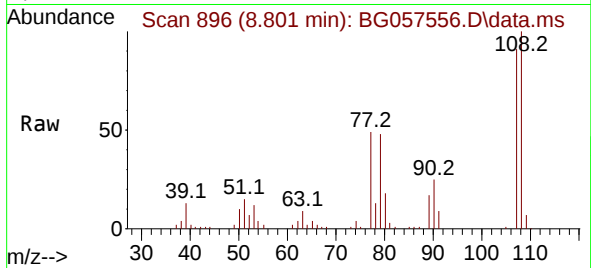




#17
2-Methylphenol
Concen: 50.569 ng
RT: 8.801 min Scan# 899
Delta R.T. -0.005 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

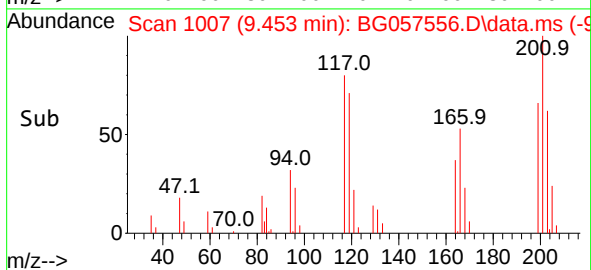
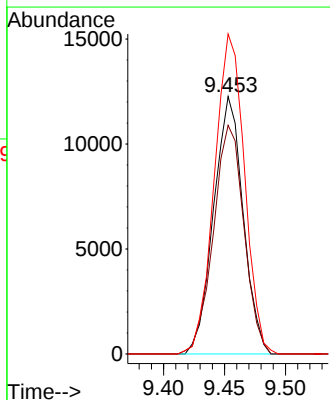
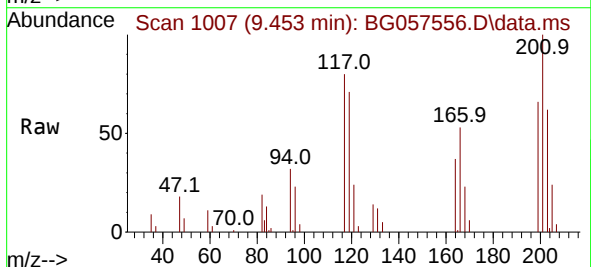
Instrument :
BNA_G
ClientSampleId :
PB152903BSD

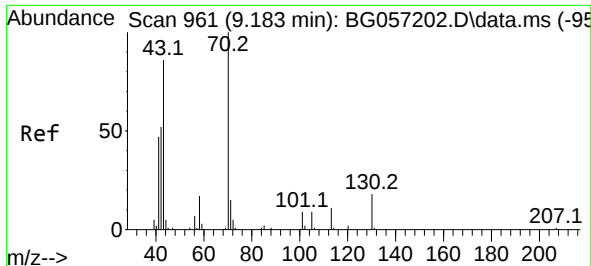
Tgt Ion:	107	Resp:	54323
Ion	Ratio	Lower	Upper
107	100		
108	109.8	89.5	134.3
77	54.3	45.1	67.7
79	52.7	43.4	65.2



#18
Hexachloroethane
Concen: 48.464 ng
RT: 9.453 min Scan# 1007
Delta R.T. -0.005 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

Tgt Ion:	117	Resp:	20626
Ion	Ratio	Lower	Upper
117	100		
119	88.8	76.7	115.1
201	124.3	109.0	163.4

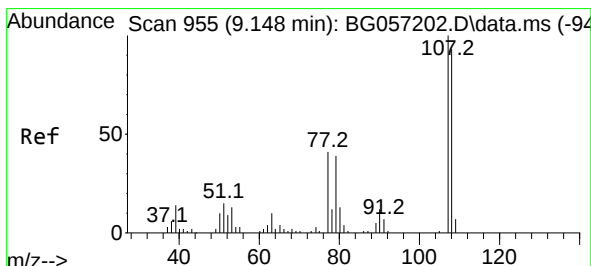
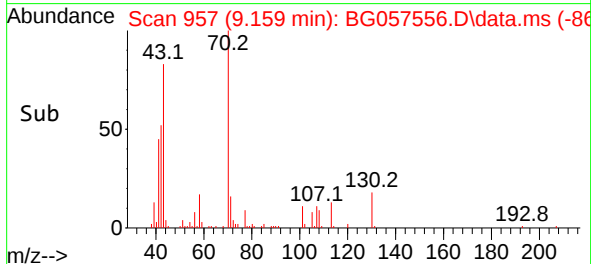
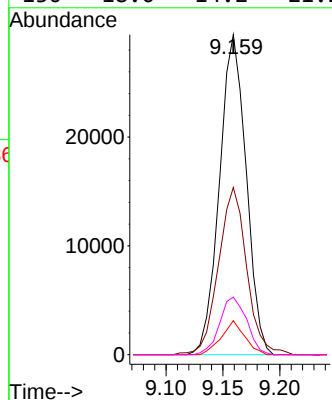
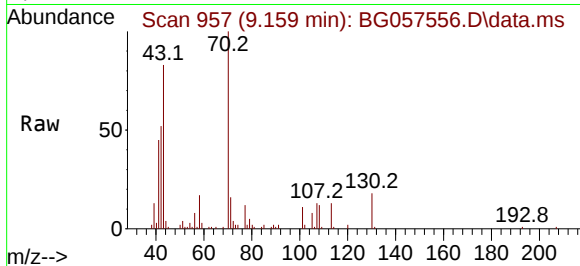




#19
n-Nitroso-di-n-propylamine
Concen: 41.130 ng
RT: 9.159 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

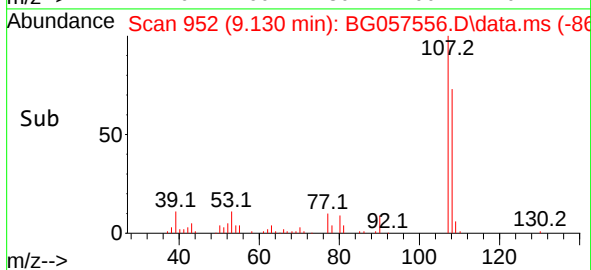
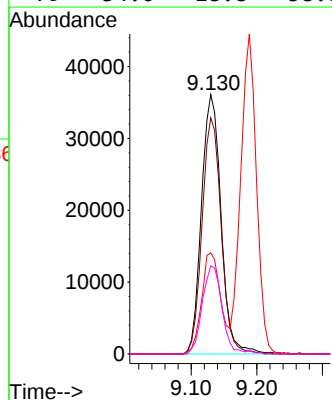
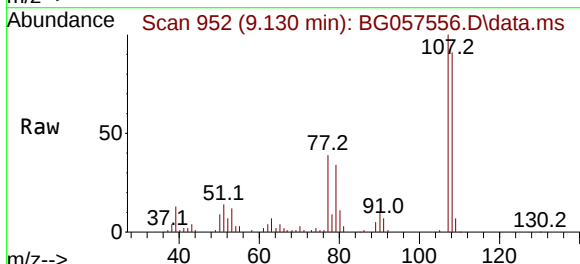
Instrument :
BNA_G
ClientSampleId :
PB152903BSD

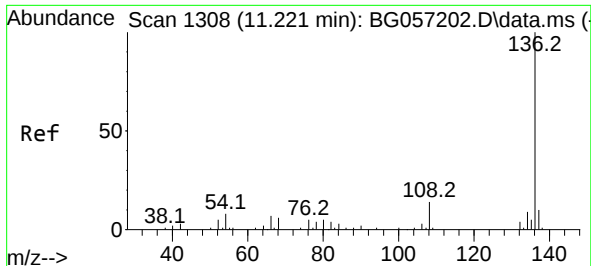
Tgt Ion:	70	Resp:	47945
Ion	Ratio	Lower	Upper
70	100		
42	52.2	41.8	62.8
101	10.6	6.8	10.2#
130	18.0	14.2	21.2



#20
3+4-Methylphenols
Concen: 51.005 ng
RT: 9.130 min Scan# 952
Delta R.T. -0.005 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

Tgt Ion:	107	Resp:	75025
Ion	Ratio	Lower	Upper
107	100		
108	91.0	73.5	113.5
77	39.0	21.1	61.1
79	34.0	18.8	58.8

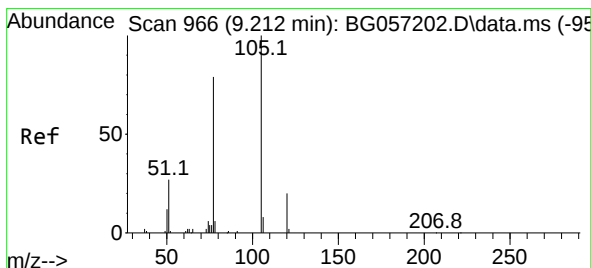
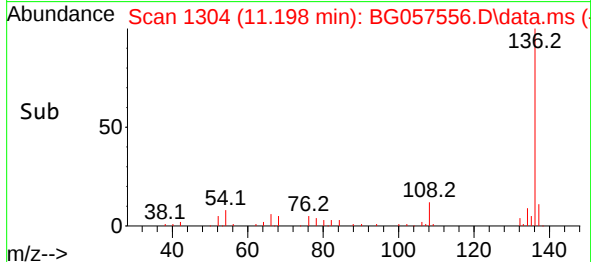
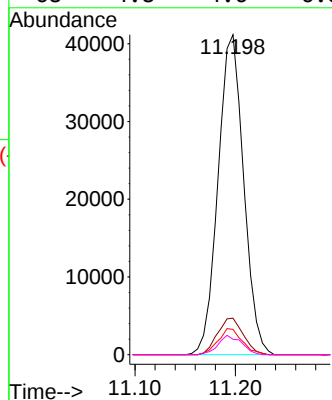
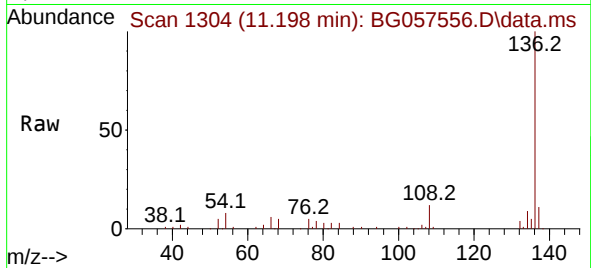




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.198 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

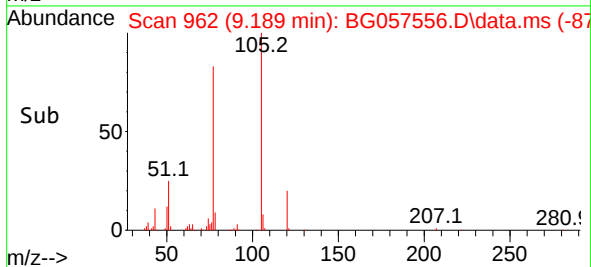
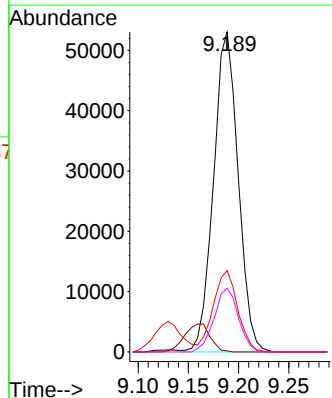
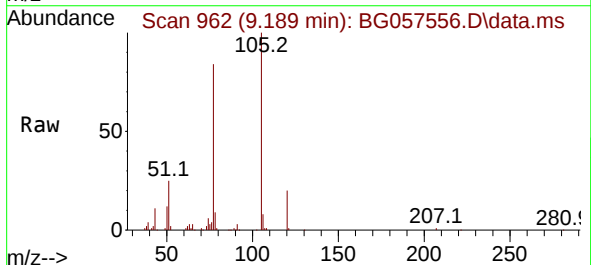
Instrument :
BNA_G
ClientSampleId :
PB152903BSD

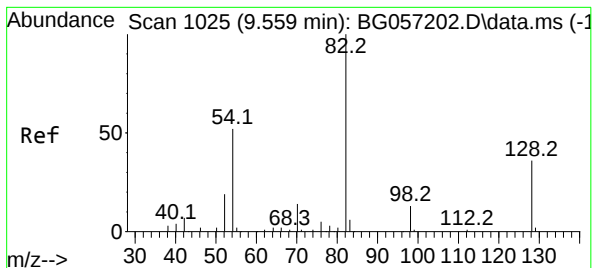
Tgt Ion:	136	Resp:	72826
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.3	12.5
54	7.9	6.7	10.1
68	4.8	4.6	6.8



#22
Acetophenone
Concen: 43.418 ng
RT: 9.189 min Scan# 962
Delta R.T. -0.005 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

Tgt Ion:	105	Resp:	90500
Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.4	0.6
51	25.5	24.0	36.0
120	19.9	15.8	23.8





#23

Nitrobenzene-d5

Concen: 79.240 ng

RT: 9.535 min Scan# 1021

Delta R.T. -0.011 min

Lab File: BG057556.D

Acq: 25 May 2023 13:31

Instrument :

BNA_G

ClientSampleId :

PB152903BSD

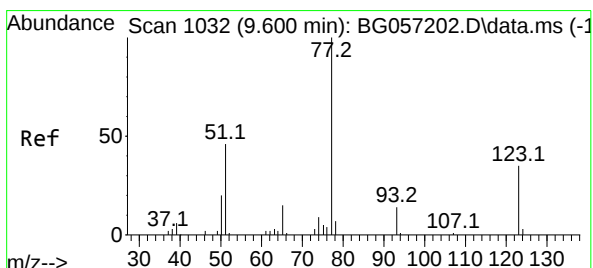
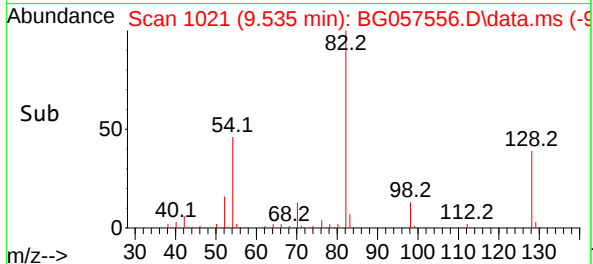
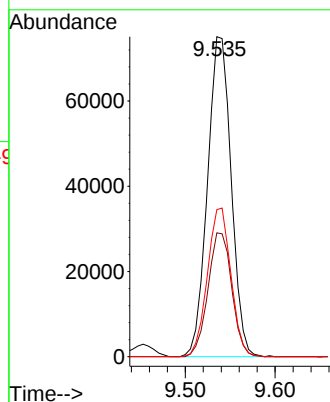
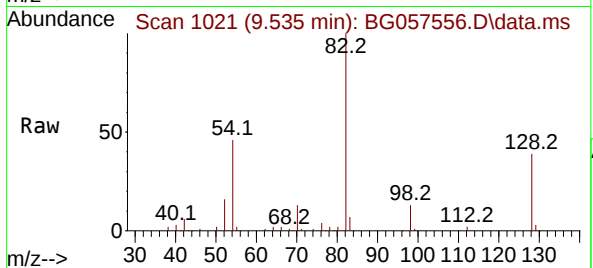
Tgt Ion: 82 Resp: 137494

Ion Ratio Lower Upper

82 100

128 38.7 29.0 43.4

54 45.9 41.4 62.0



#24

Nitrobenzene

Concen: 41.584 ng

RT: 9.582 min Scan# 1029

Delta R.T. -0.005 min

Lab File: BG057556.D

Acq: 25 May 2023 13:31

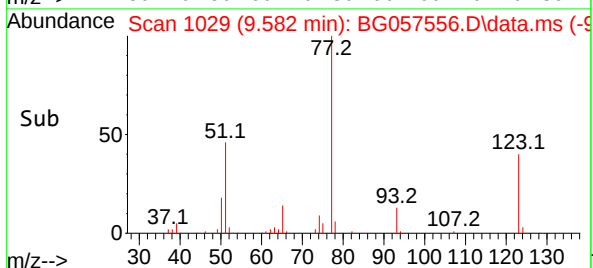
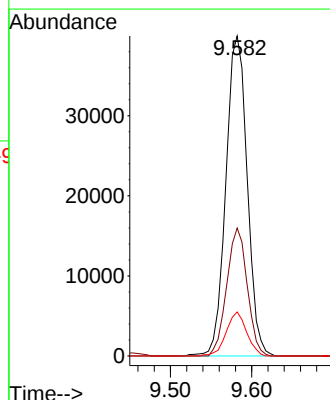
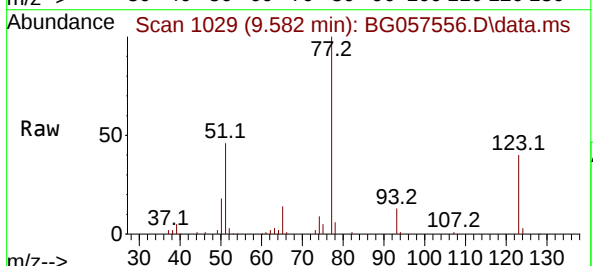
Tgt Ion: 77 Resp: 72828

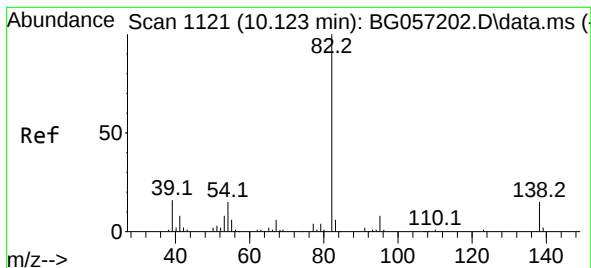
Ion Ratio Lower Upper

77 100

123 39.9 28.2 42.2

65 13.8 11.7 17.5





#25

Isophorone

Concen: 40.357 ng

RT: 10.099 min Scan# 1117

Delta R.T. -0.005 min

Lab File: BG057556.D

Acq: 25 May 2023 13:31

Instrument :

BNA_G

ClientSampleId :

PB152903BSD

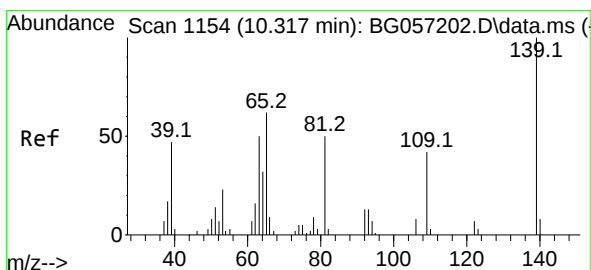
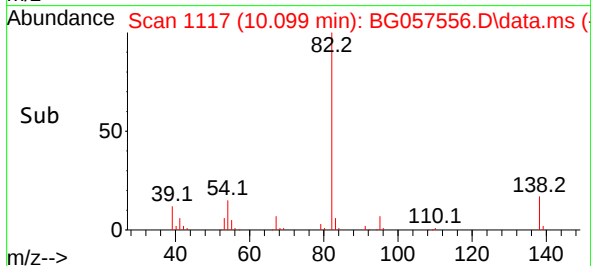
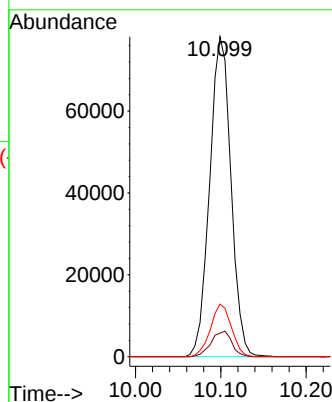
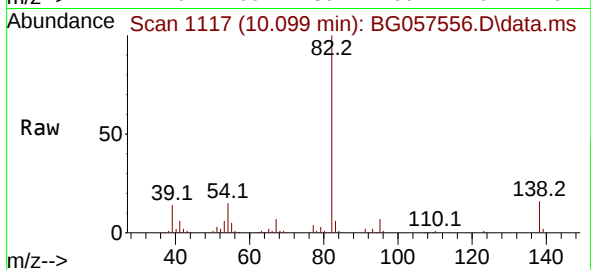
Tgt Ion: 82 Resp: 135787

Ion Ratio Lower Upper

82 100

95 7.4 6.4 9.6

138 16.4 12.3 18.5



#26

2-Nitrophenol

Concen: 49.382 ng

RT: 10.299 min Scan# 1151

Delta R.T. -0.005 min

Lab File: BG057556.D

Acq: 25 May 2023 13:31

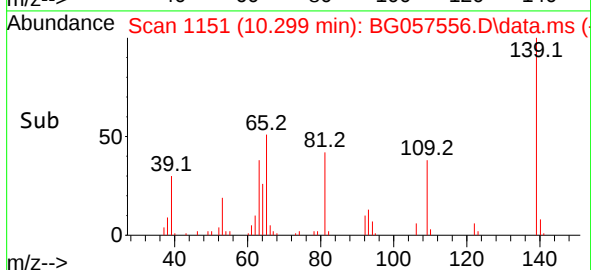
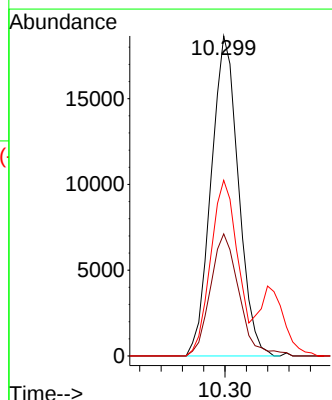
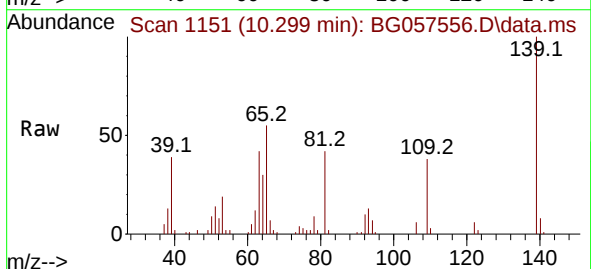
Tgt Ion:139 Resp: 33104

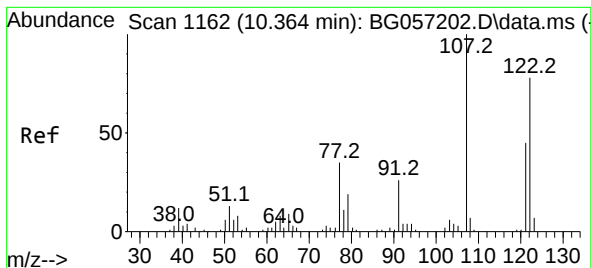
Ion Ratio Lower Upper

139 100

109 38.1 33.4 50.2

65 54.9 49.8 74.6





#27

2,4-Dimethylphenol

Concen: 52.545 ng

RT: 10.346 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BG057556.D

Acq: 25 May 2023 13:31

Instrument :

BNA_G

ClientSampleId :

PB152903BSD

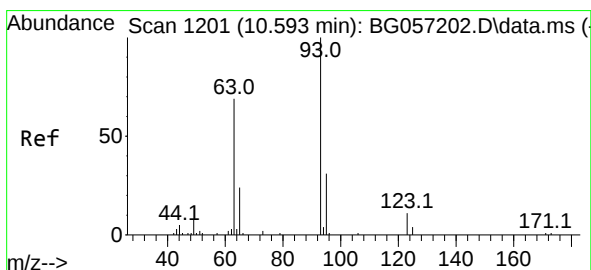
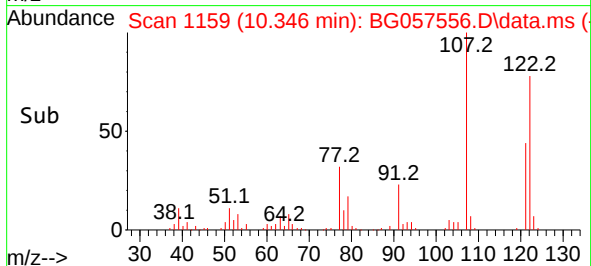
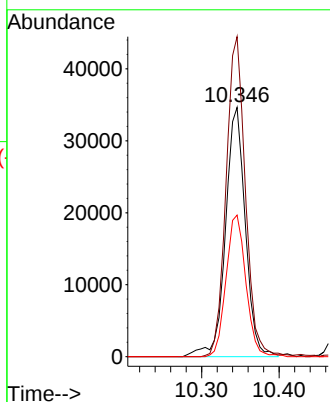
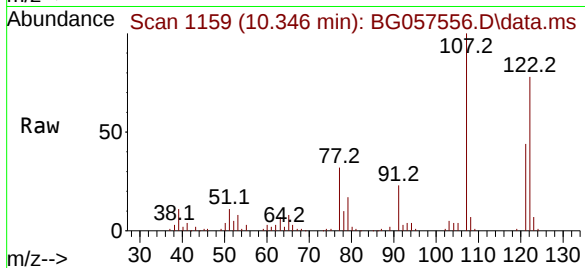
Tgt Ion:122 Resp: 61679

Ion Ratio Lower Upper

122 100

107 128.4 103.0 154.4

121 56.8 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 43.851 ng

RT: 10.569 min Scan# 1197

Delta R.T. -0.011 min

Lab File: BG057556.D

Acq: 25 May 2023 13:31

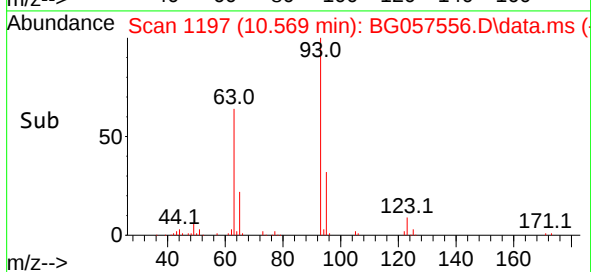
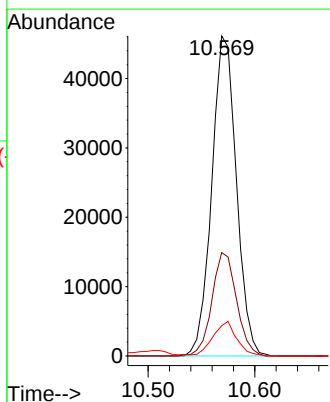
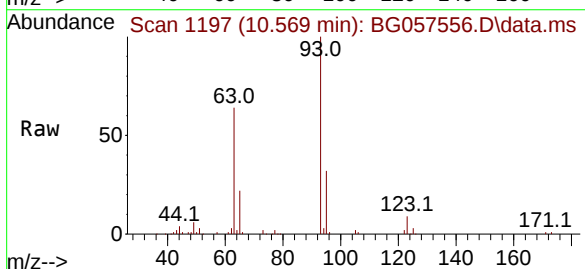
Tgt Ion: 93 Resp: 73915

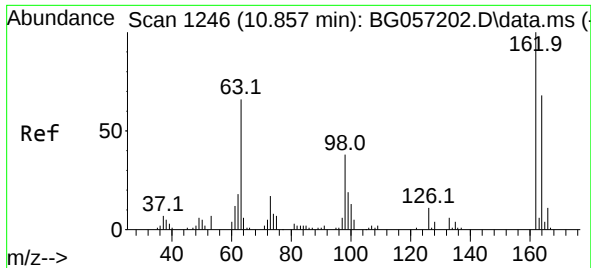
Ion Ratio Lower Upper

93 100

95 32.3 25.0 37.6

123 9.4 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 53.421 ng

RT: 10.845 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG057556.D

Acq: 25 May 2023 13:31

Instrument :

BNA_G

ClientSampleId :

PB152903BSD

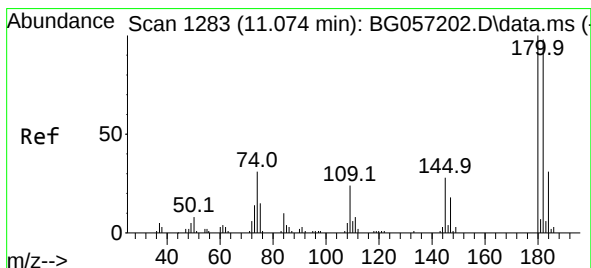
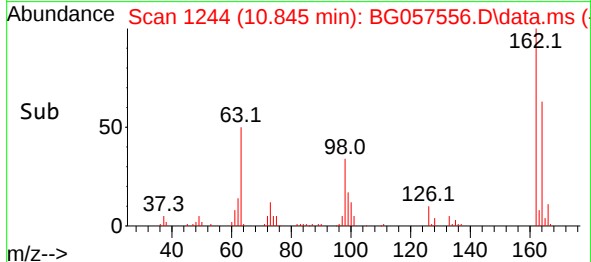
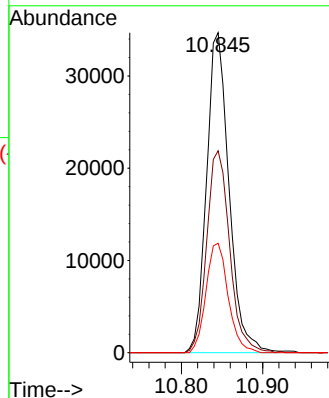
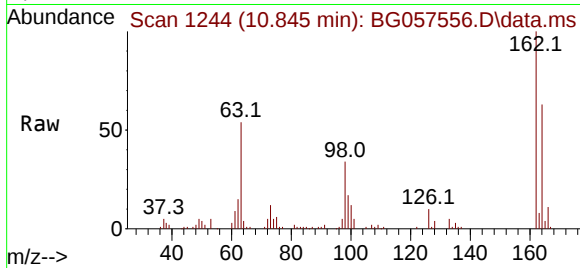
Tgt Ion:162 Resp: 66509

Ion Ratio Lower Upper

162 100

164 63.1 48.4 88.4

98 34.2 17.6 57.6



#30

1,2,4-Trichlorobenzene

Concen: 44.767 ng

RT: 11.057 min Scan# 1280

Delta R.T. -0.005 min

Lab File: BG057556.D

Acq: 25 May 2023 13:31

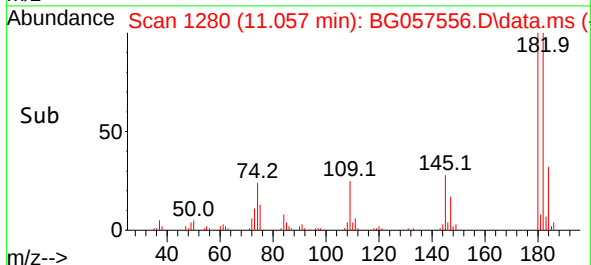
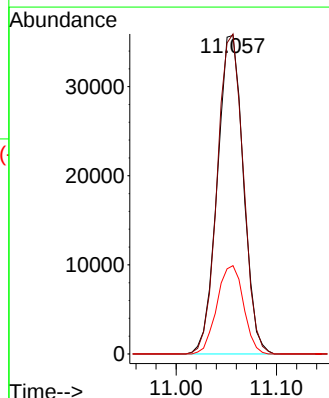
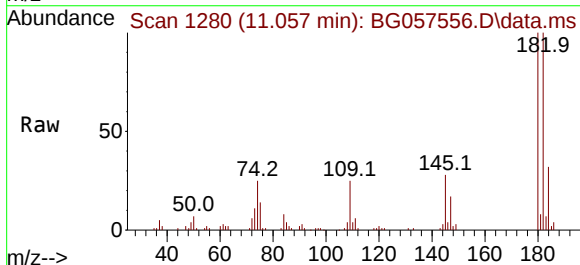
Tgt Ion:180 Resp: 64284

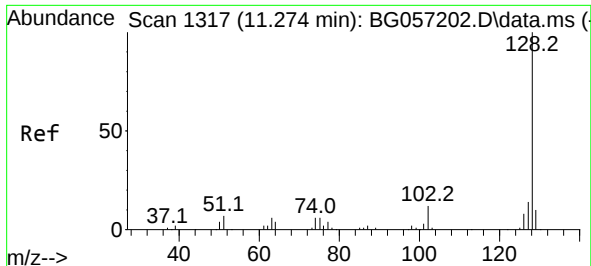
Ion Ratio Lower Upper

180 100

182 100.4 78.0 117.0

145 27.8 22.4 33.6

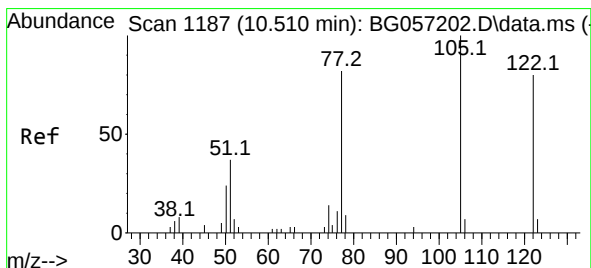
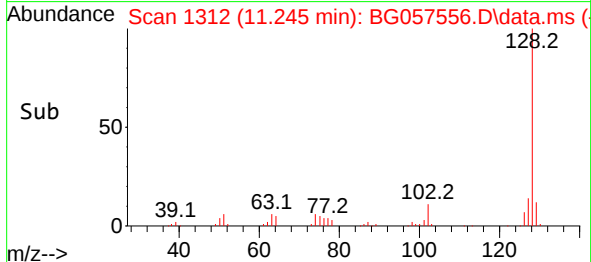
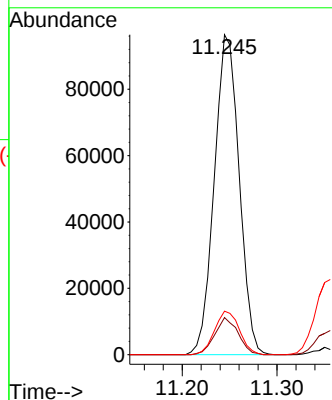
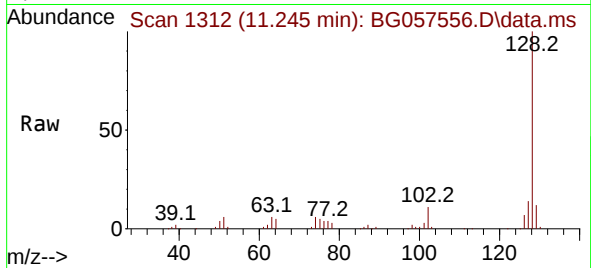




#31
Naphthalene
Concen: 45.187 ng
RT: 11.245 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

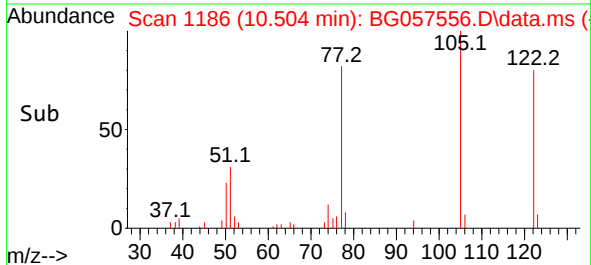
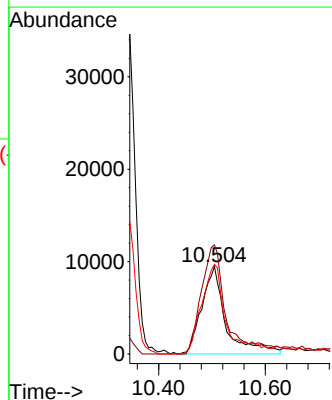
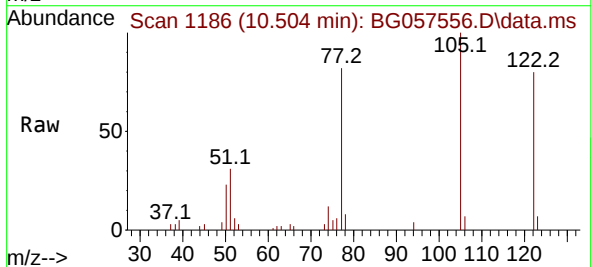
Instrument :
BNA_G
ClientSampleId :
PB152903BSD

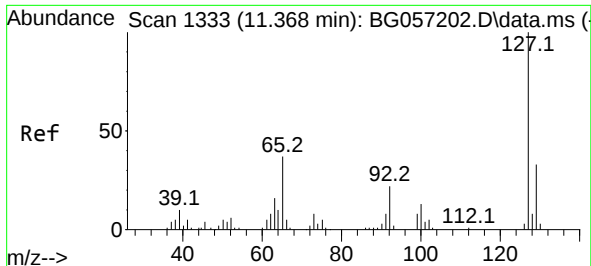
Tgt Ion:128 Resp: 175929
Ion Ratio Lower Upper
128 100
129 11.6 8.3 12.5
127 13.6 11.1 16.7



#32
Benzoic acid
Concen: 44.107 ng
RT: 10.504 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

Tgt Ion:122 Resp: 29568
Ion Ratio Lower Upper
122 100
105 124.7 105.2 145.2
77 102.4 83.1 123.1

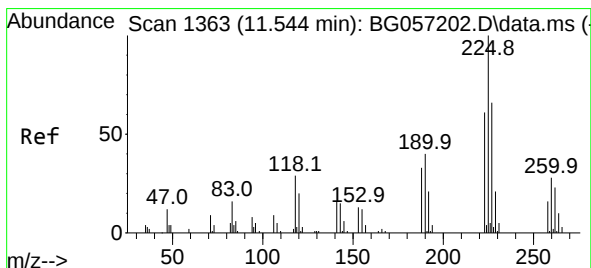
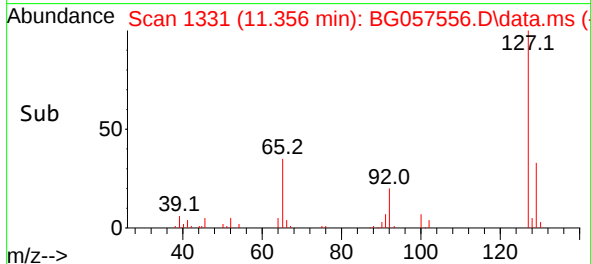
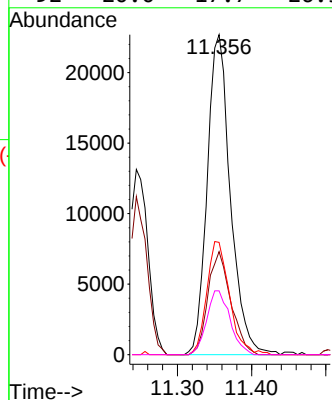
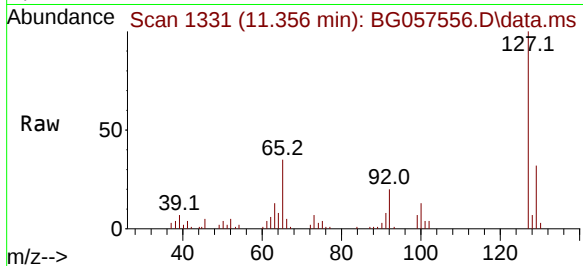




#33
4-Chloroaniline
Concen: 28.170 ng
RT: 11.356 min Scan# 11356
Delta R.T. 0.000 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

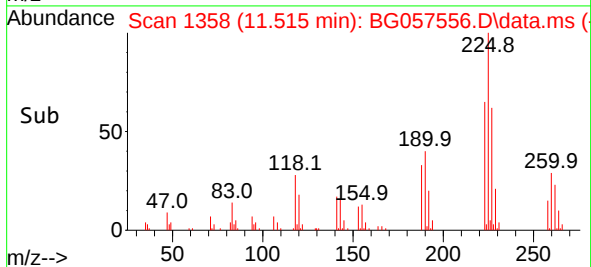
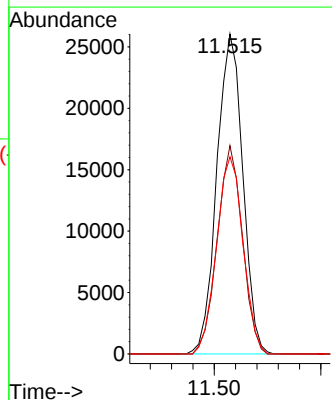
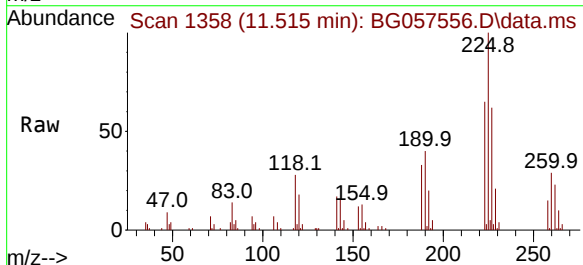
Instrument :
BNA_G
ClientSampleId :
PB152903BSD

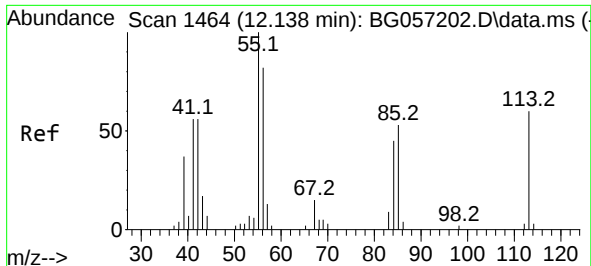
Tgt Ion:127	Resp:	49254
Ion	Ratio	Lower Upper
127	100	
129	32.2	26.7 40.1
65	35.1	29.7 44.5
92	20.0	17.7 26.5



#34
Hexachlorobutadiene
Concen: 41.312 ng
RT: 11.515 min Scan# 1358
Delta R.T. -0.005 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

Tgt Ion:225	Resp:	44019
Ion	Ratio	Lower Upper
225	100	
223	65.1	48.6 72.8
227	61.6	52.7 79.1

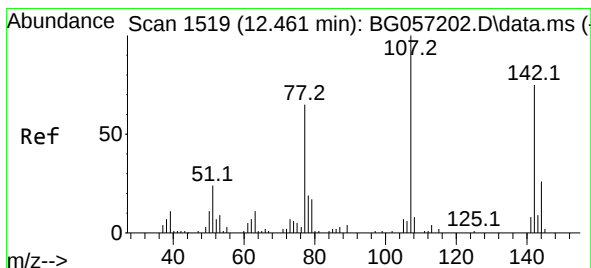
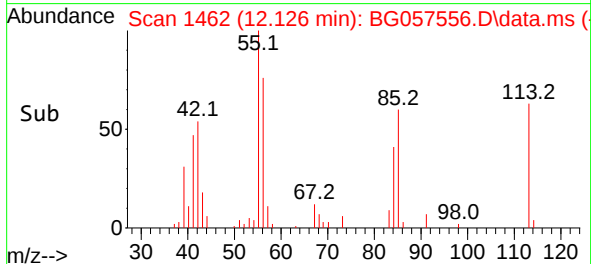
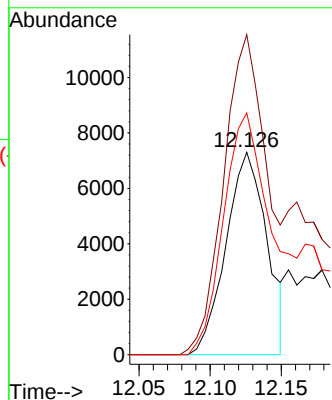
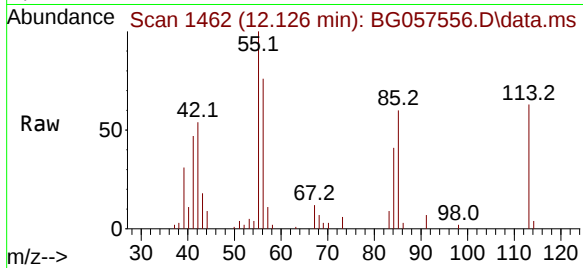




#35
Caprolactam
Concen: 34.333 ng
RT: 12.126 min Scan# 1462
Delta R.T. -0.011 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

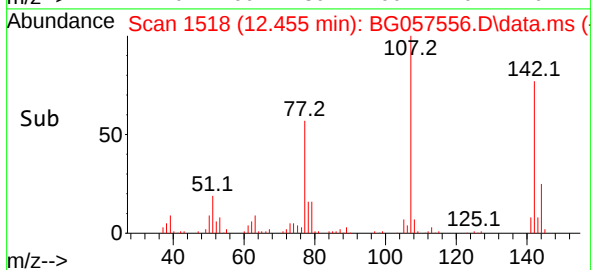
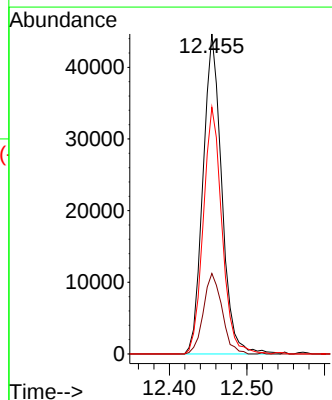
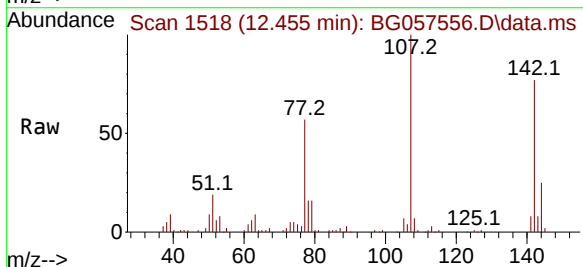
Instrument :
BNA_G
ClientSampleId :
PB152903BSD

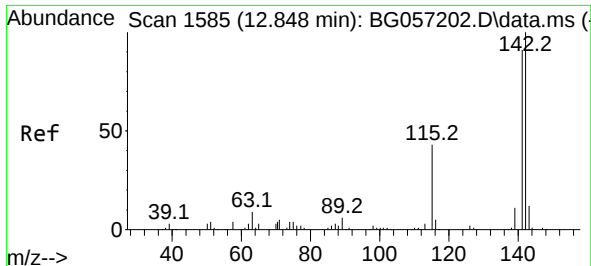
Tgt Ion:113 Resp: 14601
Ion Ratio Lower Upper
113 100
55 158.1 145.5 185.5
56 119.5 115.9 155.9



#36
4-Chloro-3-methylphenol
Concen: 52.958 ng
RT: 12.455 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

Tgt Ion:107 Resp: 74926
Ion Ratio Lower Upper
107 100
144 25.1 21.0 31.6
142 77.1 60.0 90.0





#37

2-Methylnaphthalene

Concen: 43.721 ng

RT: 12.825 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG057556.D

Acq: 25 May 2023 13:31

Instrument :

BNA_G

ClientSampleId :

PB152903BSD

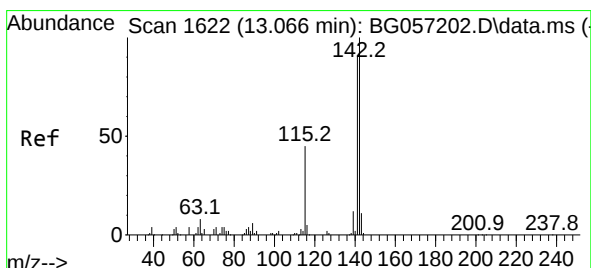
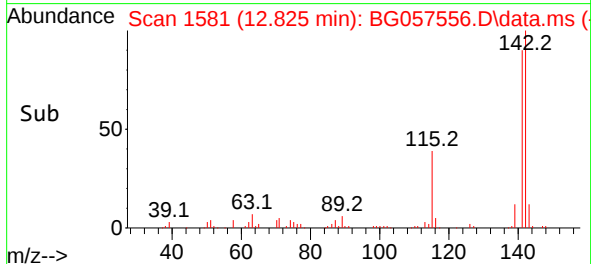
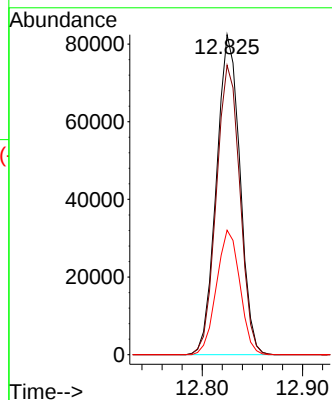
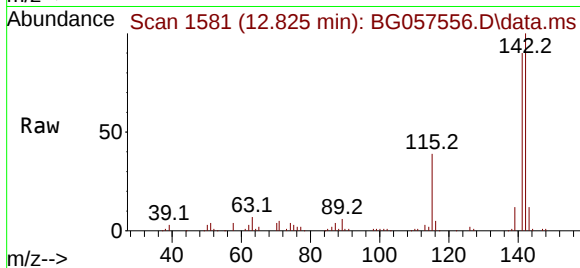
Tgt Ion:142 Resp: 133836

Ion Ratio Lower Upper

142 100

141 90.4 73.1 109.7

115 38.9 34.6 52.0



#38

1-Methylnaphthalene

Concen: 44.266 ng

RT: 13.042 min Scan# 1618

Delta R.T. -0.005 min

Lab File: BG057556.D

Acq: 25 May 2023 13:31

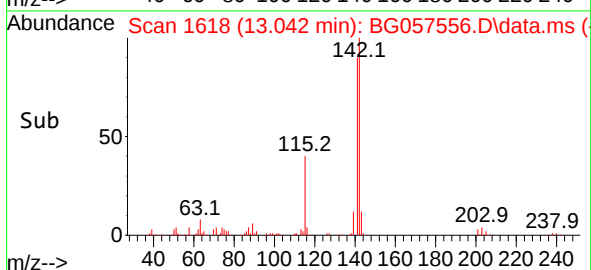
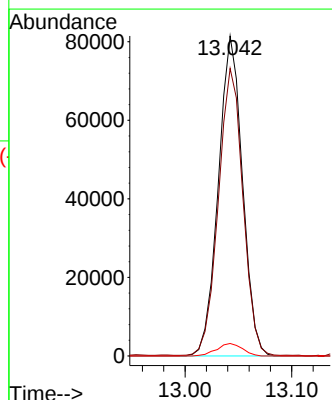
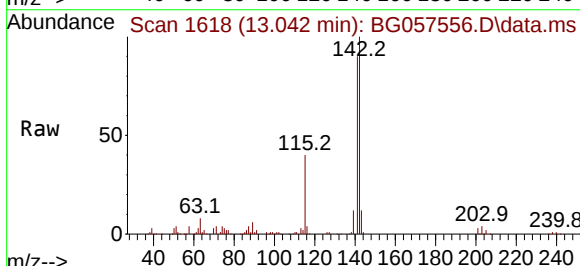
Tgt Ion:142 Resp: 127720

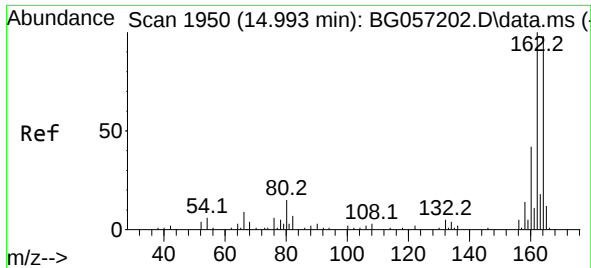
Ion Ratio Lower Upper

142 100

141 89.9 72.5 108.7

116 3.9 3.7 5.5

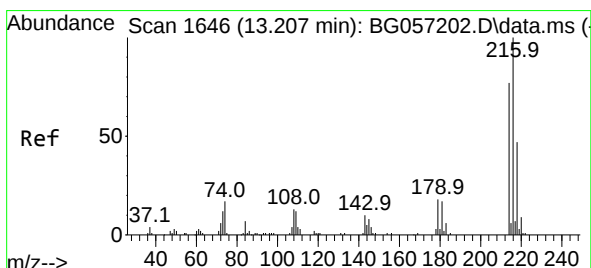
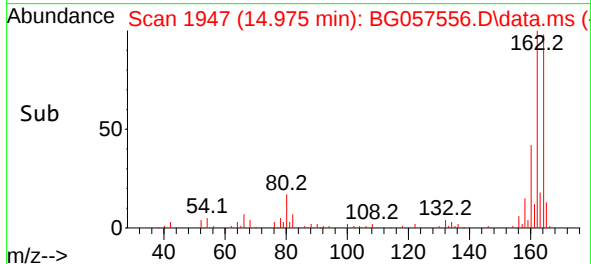
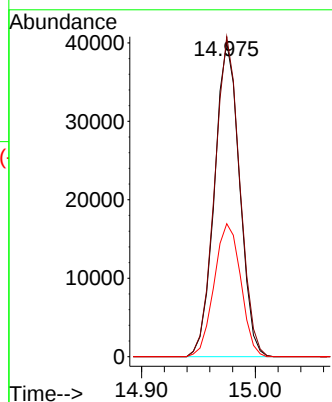
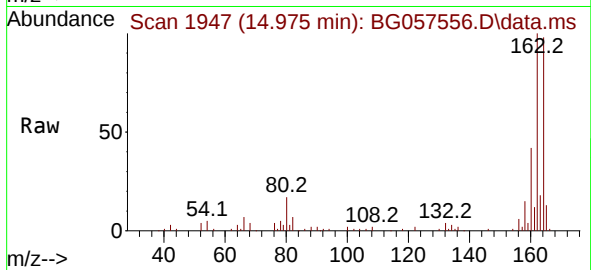




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.975 min Scan# 1947
Delta R.T. -0.005 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

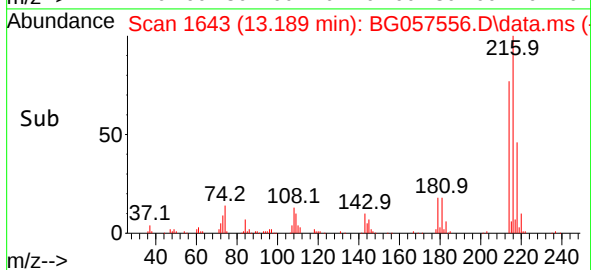
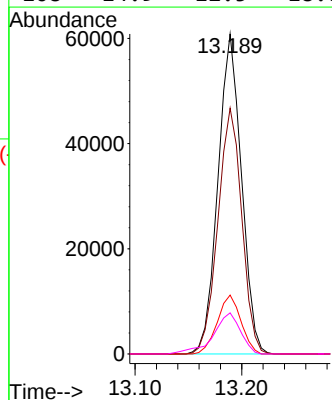
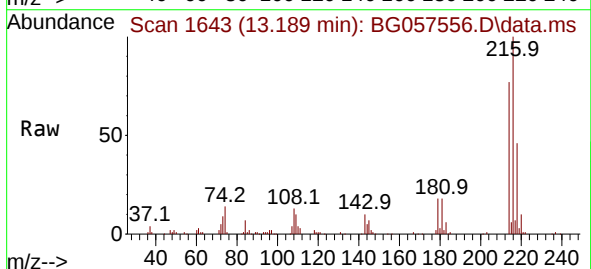
Instrument :
BNA_G
ClientSampleId :
PB152903BSD

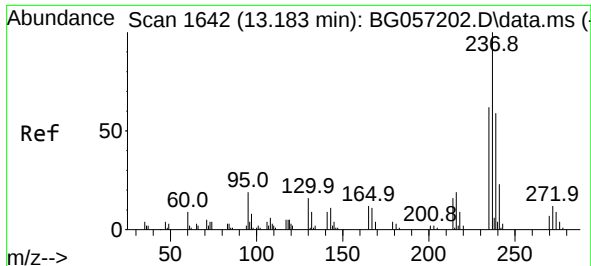
Tgt Ion:164 Resp: 61138
Ion Ratio Lower Upper
164 100
162 101.8 81.8 122.6
160 42.3 34.6 52.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.809 ng
RT: 13.189 min Scan# 1643
Delta R.T. -0.005 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

Tgt Ion:216 Resp: 92916
Ion Ratio Lower Upper
216 100
214 78.0 63.7 95.5
179 18.6 14.6 22.0
108 14.9 12.5 18.7

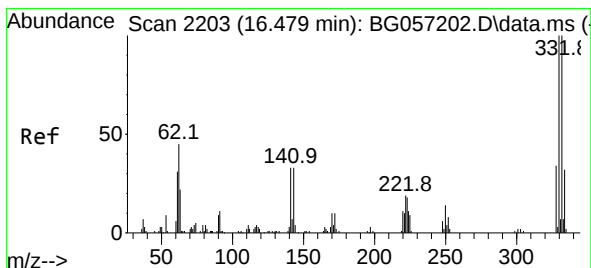
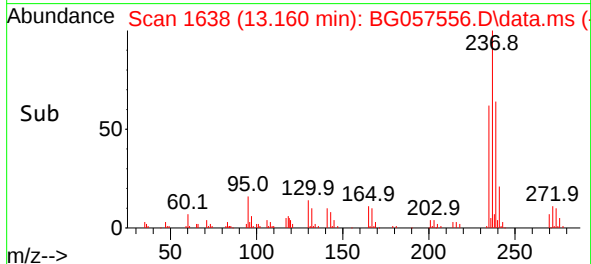
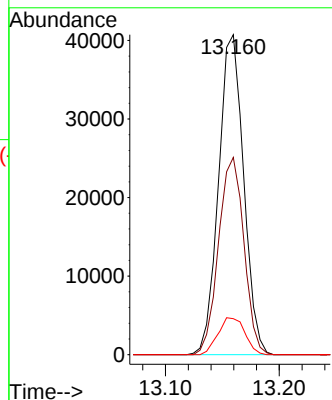
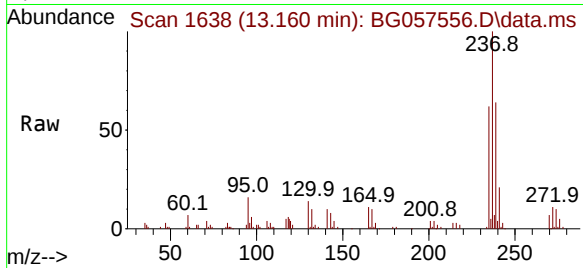




#41
Hexachlorocyclopentadiene
Concen: 61.325 ng
RT: 13.160 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

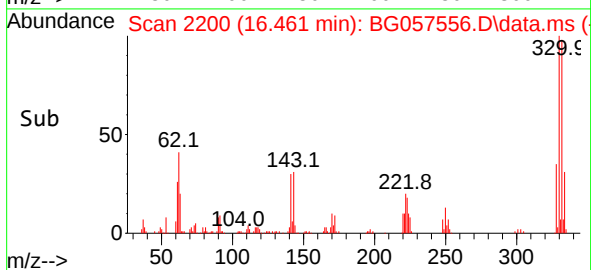
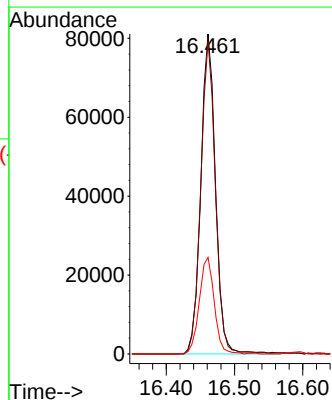
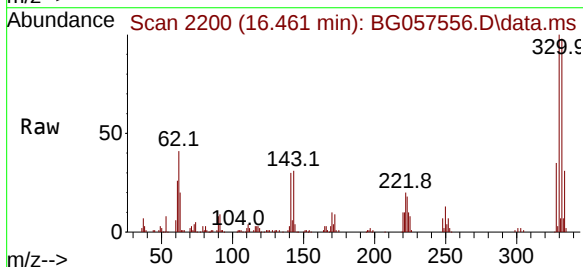
Instrument :
BNA_G
ClientSampleId :
PB152903BSD

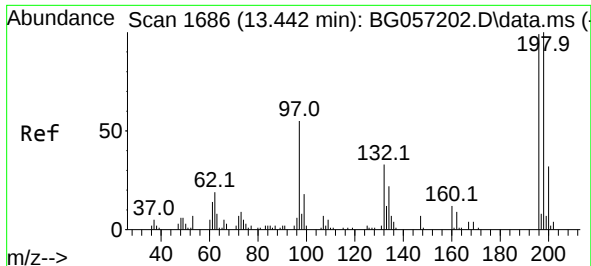
Tgt Ion:237 Resp: 62314
Ion Ratio Lower Upper
237 100
235 61.6 42.0 82.0
272 11.3 0.0 31.5



#42
2,4,6-Tribromophenol
Concen: 140.366 ng
RT: 16.461 min Scan# 2200
Delta R.T. -0.005 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

Tgt Ion:330 Resp: 121765
Ion Ratio Lower Upper
330 100
332 96.7 78.2 117.2
141 30.7 27.8 41.8

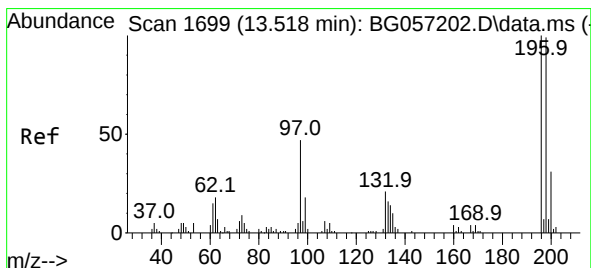
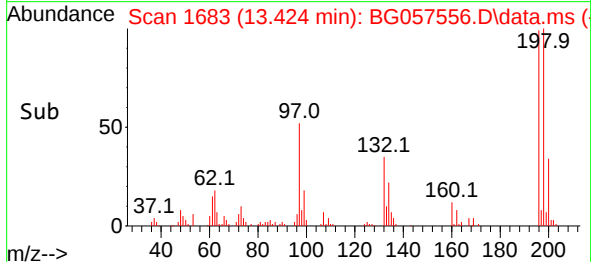
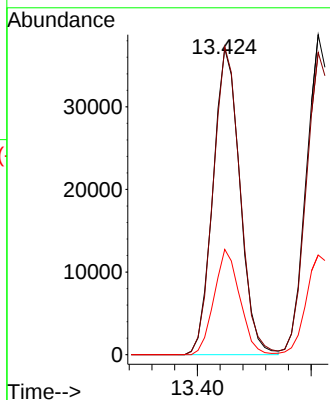
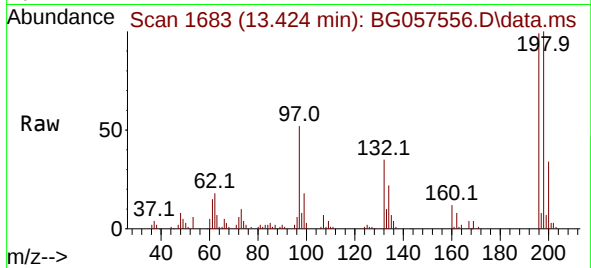




#43
2,4,6-Trichlorophenol
Concen: 46.059 ng
RT: 13.424 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

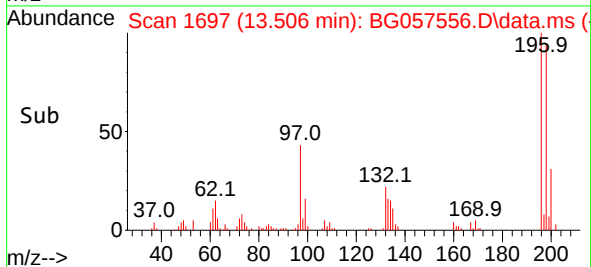
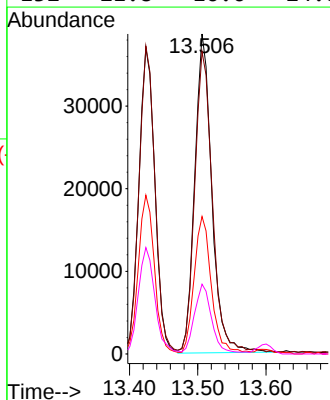
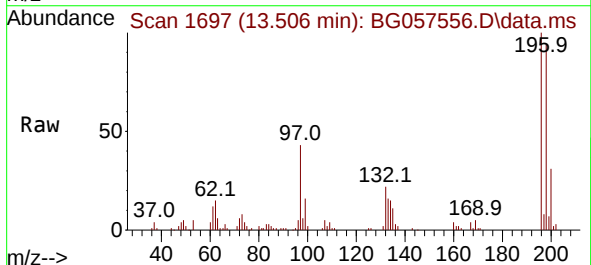
Instrument :
BNA_G
ClientSampleId :
PB152903BSD

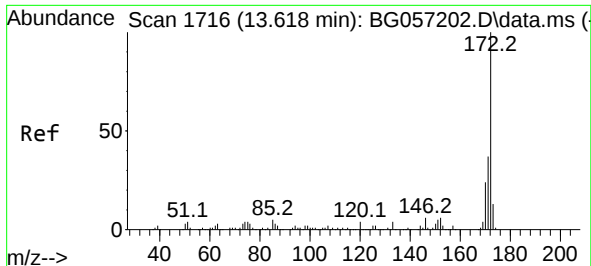
Tgt Ion:196 Resp: 60904
Ion Ratio Lower Upper
196 100
198 100.7 81.2 121.8
200 34.4 26.3 39.5



#44
2,4,5-Trichlorophenol
Concen: 43.290 ng
RT: 13.506 min Scan# 1697
Delta R.T. -0.005 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

Tgt Ion:196 Resp: 67335
Ion Ratio Lower Upper
196 100
198 94.4 79.4 119.2
97 42.9 37.0 55.4
132 21.8 16.6 24.8

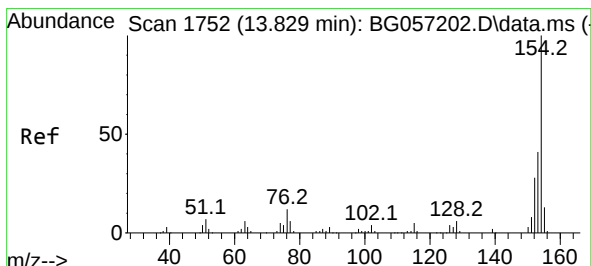
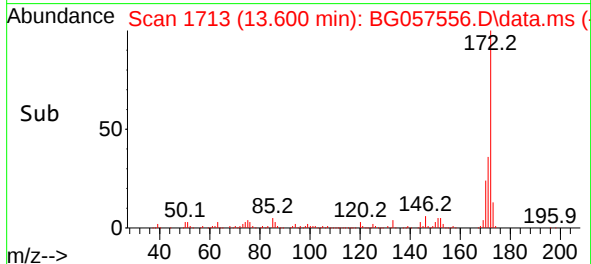
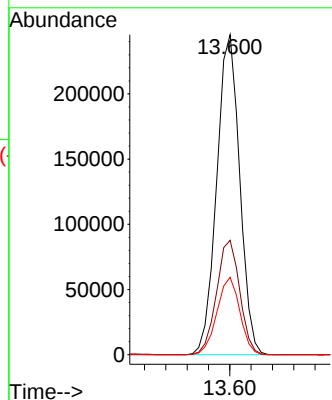
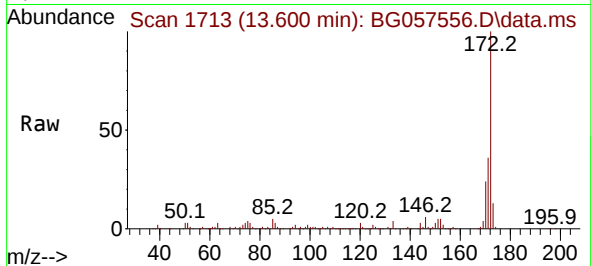




#45
2-Fluorobiphenyl
Concen: 80.666 ng
RT: 13.600 min Scan# 1716
Delta R.T. -0.005 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

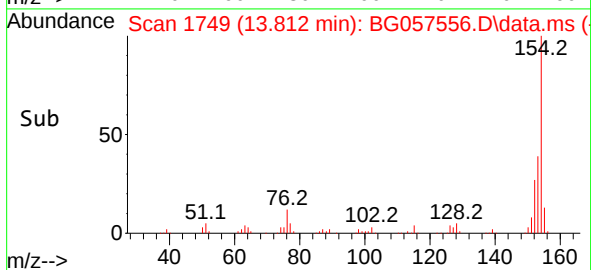
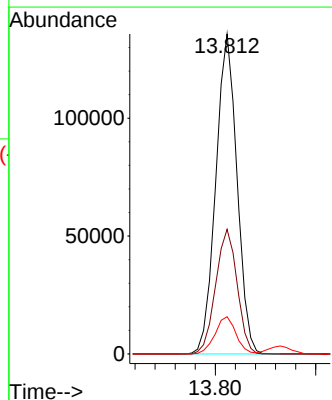
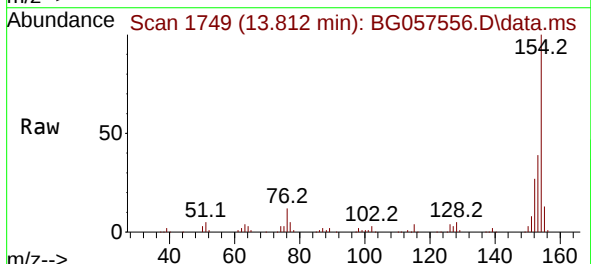
Instrument :
BNA_G
ClientSampleId :
PB152903BSD

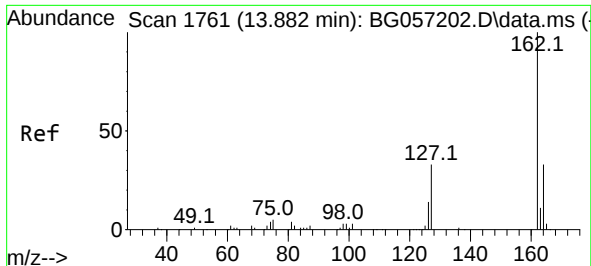
Tgt Ion:172 Resp: 366184
Ion Ratio Lower Upper
172 100
171 35.7 29.4 44.0
170 24.2 19.0 28.6



#46
1,1'-Biphenyl
Concen: 43.790 ng
RT: 13.812 min Scan# 1749
Delta R.T. -0.005 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

Tgt Ion:154 Resp: 198662
Ion Ratio Lower Upper
154 100
153 39.0 20.9 60.9
76 11.6 0.0 31.7





#47

2-Chloronaphthalene

Concen: 44.735 ng

RT: 13.865 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG057556.D

Acq: 25 May 2023 13:31

Instrument :

BNA_G

ClientSampleId :

PB152903BSD

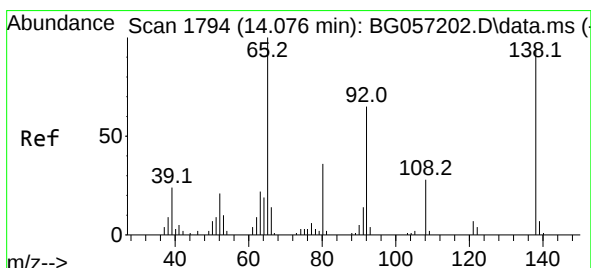
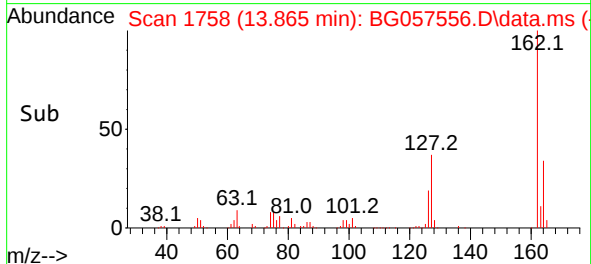
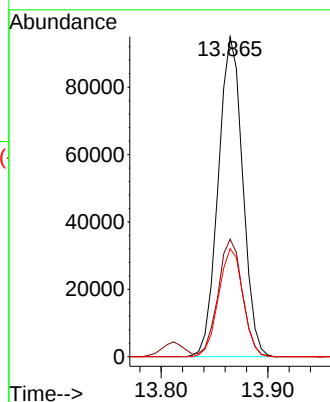
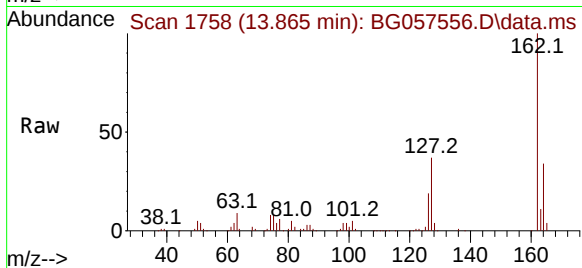
Tgt Ion:162 Resp: 150917

Ion Ratio Lower Upper

162 100

127 36.7 29.8 44.6

164 33.7 26.6 40.0



#48

2-Nitroaniline

Concen: 45.002 ng

RT: 14.064 min Scan# 1792

Delta R.T. -0.005 min

Lab File: BG057556.D

Acq: 25 May 2023 13:31

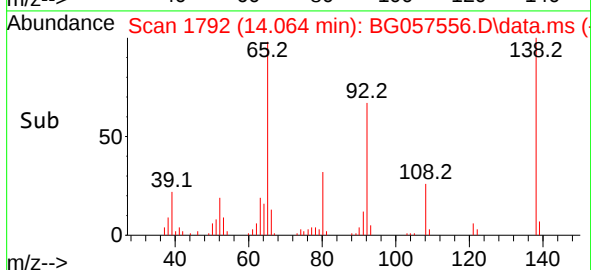
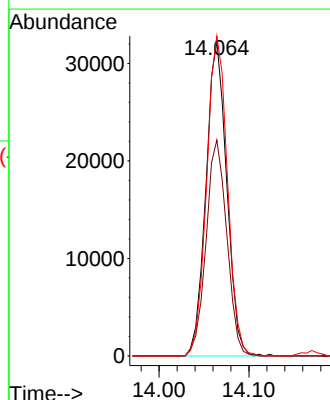
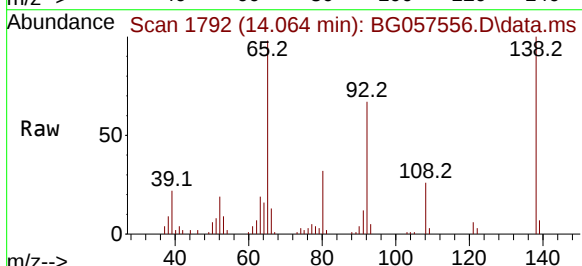
Tgt Ion: 65 Resp: 51621

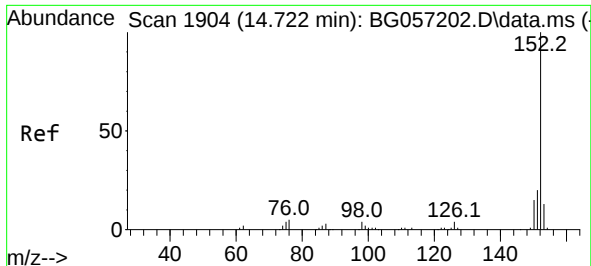
Ion Ratio Lower Upper

65 100

92 68.5 52.1 78.1

138 101.5 75.3 112.9

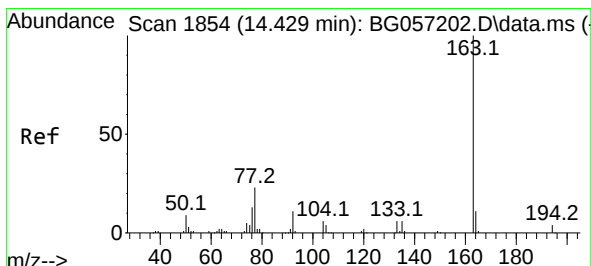
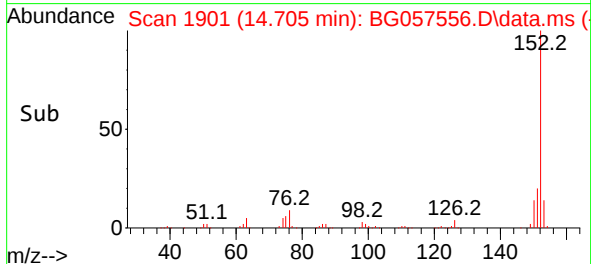
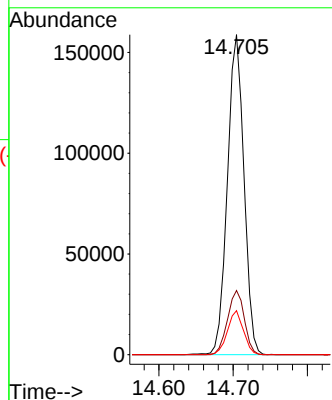
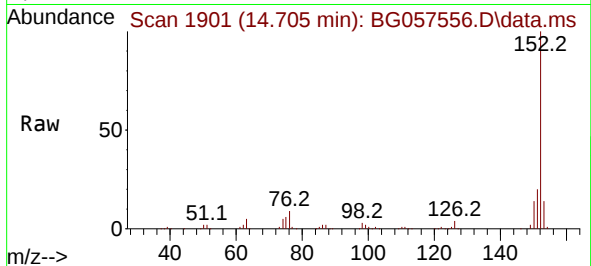




#49
Acenaphthylene
Concen: 44.911 ng
RT: 14.705 min Scan# 1901
Delta R.T. -0.005 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

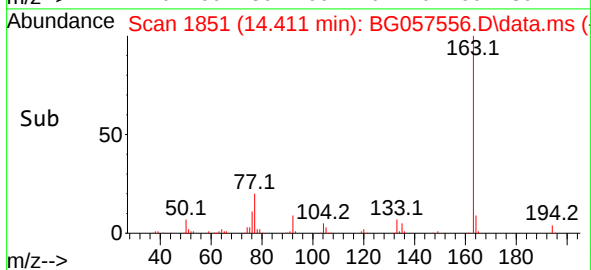
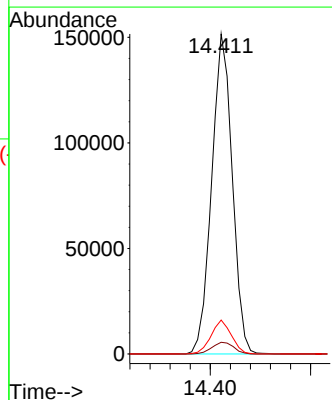
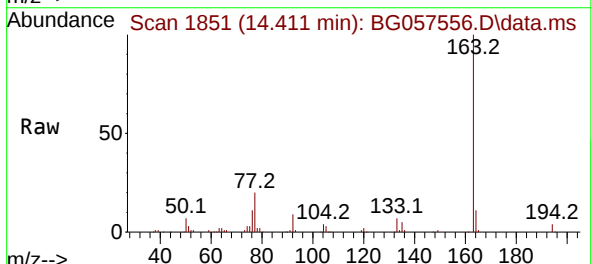
Instrument :
BNA_G
ClientSampleId :
PB152903BSD

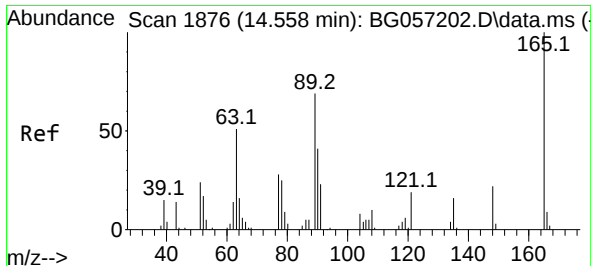
Tgt Ion:152 Resp: 246145
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.7 10.7 16.1



#50
Dimethylphthalate
Concen: 42.839 ng
RT: 14.411 min Scan# 1851
Delta R.T. -0.005 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

Tgt Ion:163 Resp: 215223
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.2
164 10.6 8.8 13.2

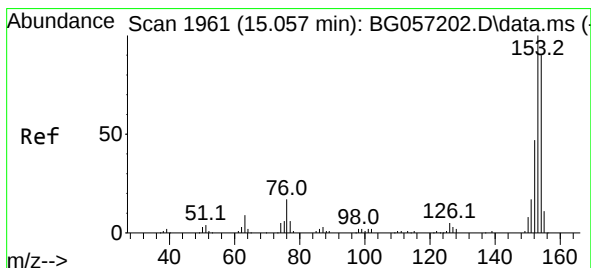
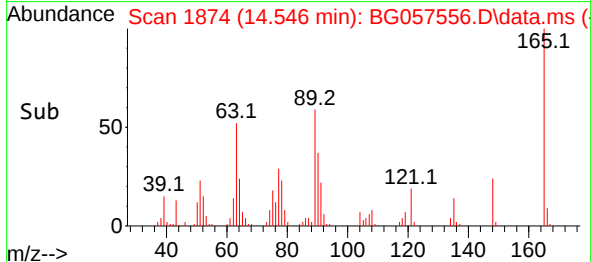
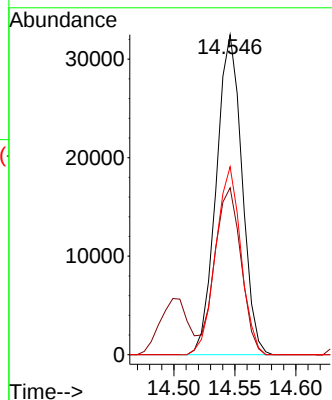
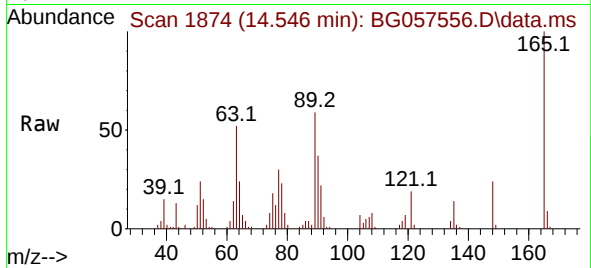




#51
2,6-Dinitrotoluene
Concen: 46.458 ng
RT: 14.546 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

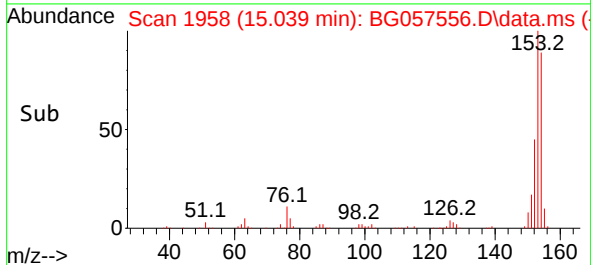
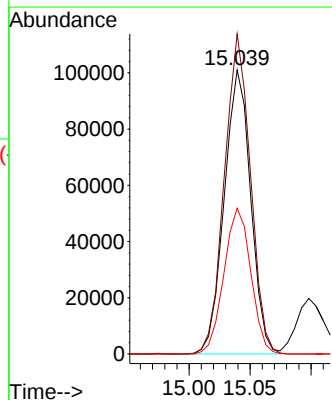
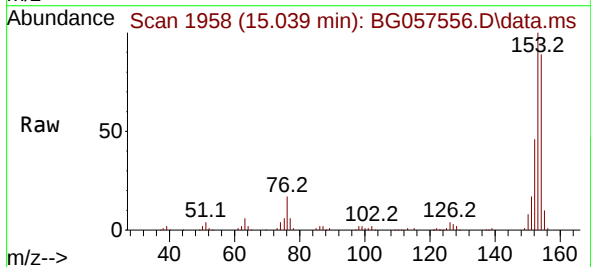
Instrument :
BNA_G
ClientSampleId :
PB152903BSD

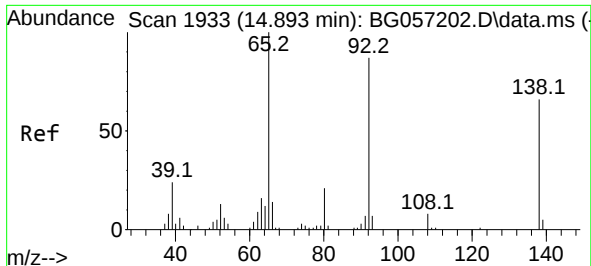
Tgt Ion:165 Resp: 47656
Ion Ratio Lower Upper
165 100
63 52.1 50.9 76.3
89 58.7 55.2 82.8



#52
Acenaphthene
Concen: 44.555 ng
RT: 15.039 min Scan# 1958
Delta R.T. -0.005 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

Tgt Ion:154 Resp: 152593
Ion Ratio Lower Upper
154 100
153 112.7 89.3 133.9
152 51.3 41.7 62.5

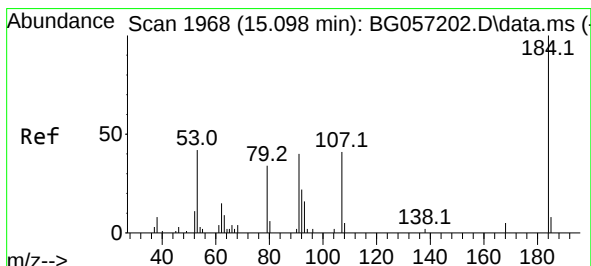
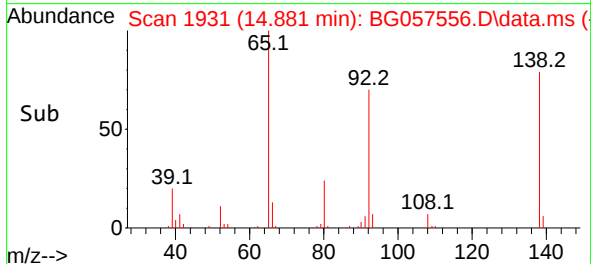
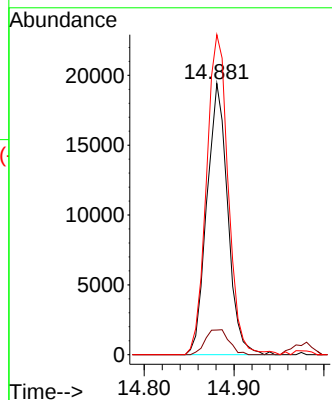
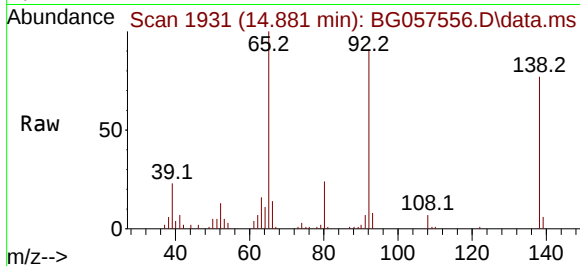




#53
3-Nitroaniline
Concen: 30.510 ng
RT: 14.881 min Scan# 1931
Delta R.T. -0.005 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

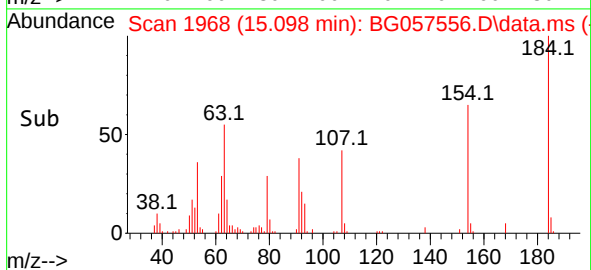
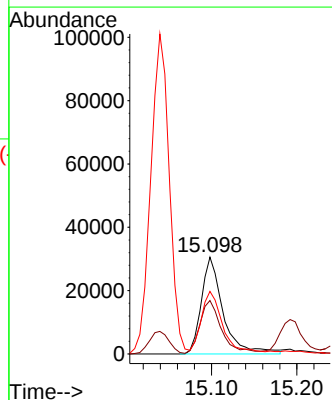
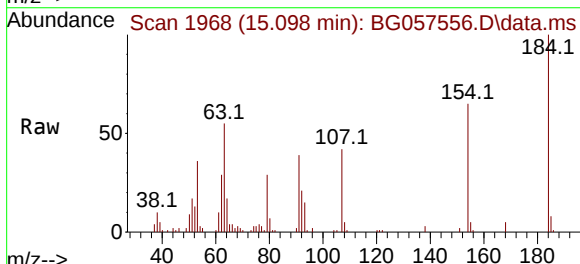
Instrument :
BNA_G
ClientSampleId :
PB152903BSD

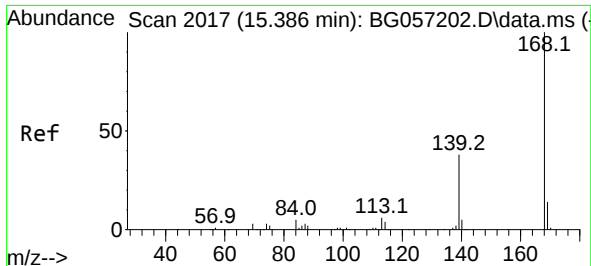
Tgt Ion:138 Resp: 31354
Ion Ratio Lower Upper
138 100
108 9.1 9.5 14.3#
92 118.0 106.2 159.4



#54
2,4-Dinitrophenol
Concen: 85.092 ng
RT: 15.098 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

Tgt Ion:184 Resp: 54267
Ion Ratio Lower Upper
184 100
63 55.2 48.2 72.4
154 64.6 55.4 83.2

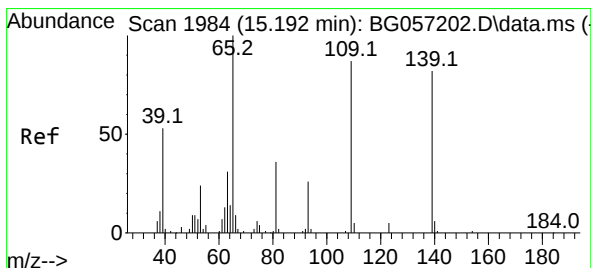
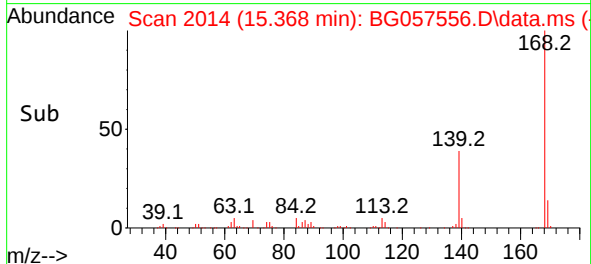
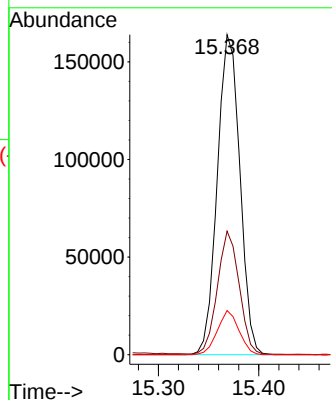
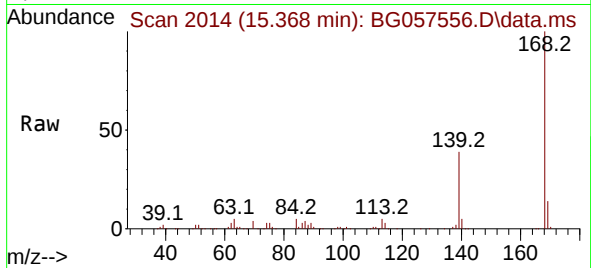




#55
Dibenzofuran
Concen: 44.476 ng
RT: 15.368 min Scan# 2017
Delta R.T. -0.005 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

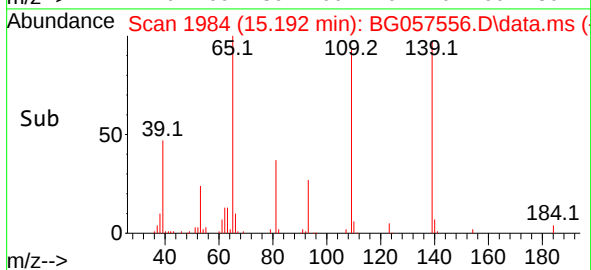
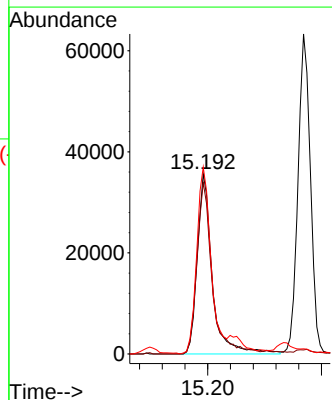
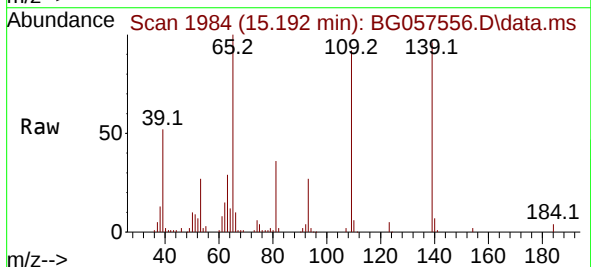
Instrument :
BNA_G
ClientSampleId :
PB152903BSD

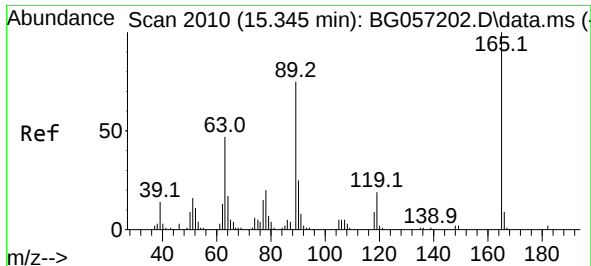
Tgt Ion:168 Resp: 255932
Ion Ratio Lower Upper
168 100
139 38.6 30.7 46.1
169 13.8 10.9 16.3



#56
4-Nitrophenol
Concen: 96.425 ng
RT: 15.192 min Scan# 1984
Delta R.T. -0.005 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

Tgt Ion:139 Resp: 65905
Ion Ratio Lower Upper
139 100
109 95.1 86.6 126.6
65 103.7 102.6 142.6

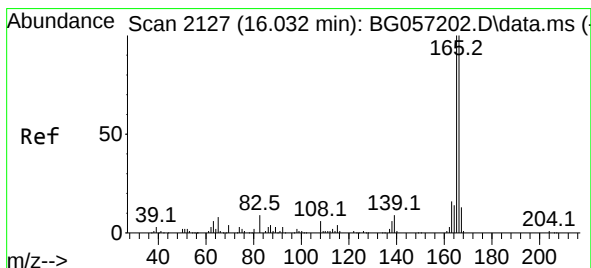
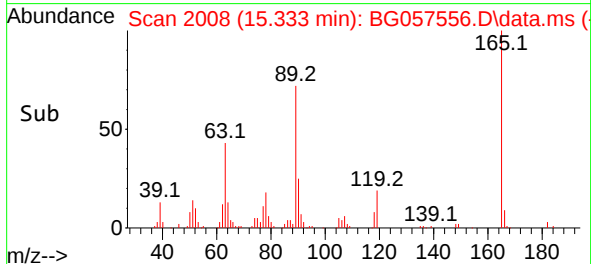
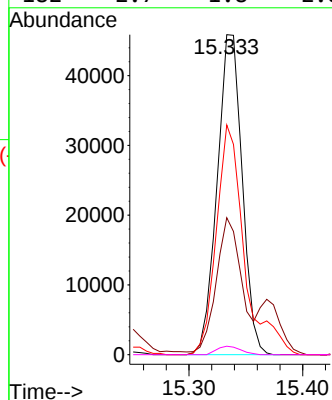
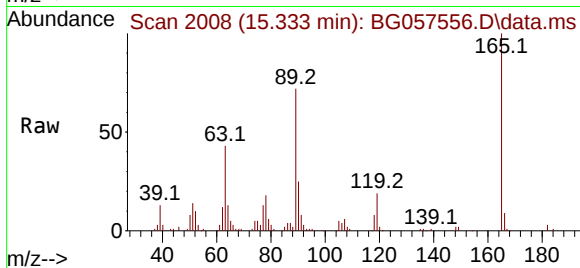




#57
2,4-Dinitrotoluene
Concen: 47.873 ng
RT: 15.333 min Scan# 2010
Delta R.T. -0.005 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

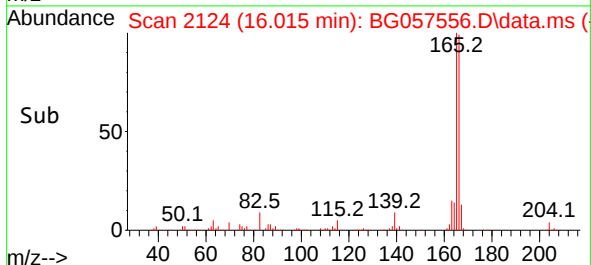
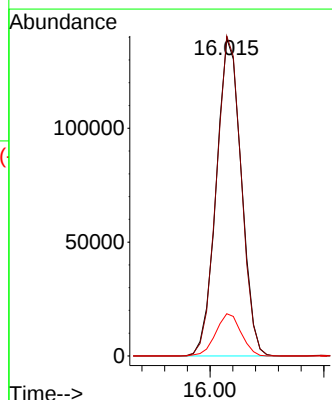
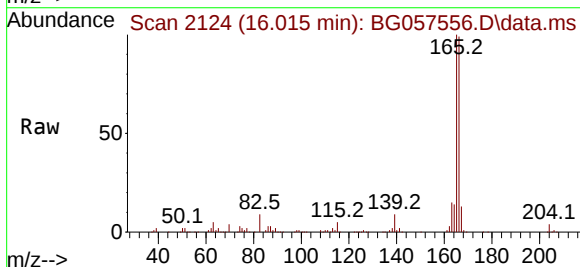
Instrument :
BNA_G
ClientSampleId :
PB152903BSD

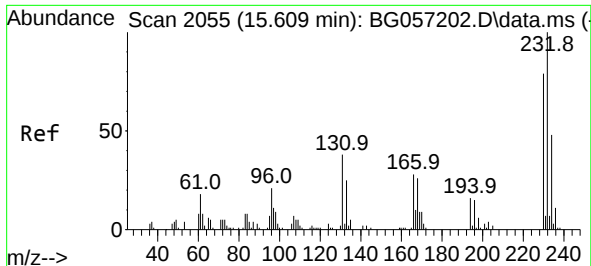
Tgt Ion:165 Resp: 70183
Ion Ratio Lower Upper
165 100
63 42.8 37.5 56.3
89 71.8 60.2 90.4
182 2.7 1.8 2.8



#58
Fluorene
Concen: 44.985 ng
RT: 16.015 min Scan# 2124
Delta R.T. -0.005 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

Tgt Ion:166 Resp: 213224
Ion Ratio Lower Upper
166 100
165 100.7 80.1 120.1
167 13.3 10.2 15.2

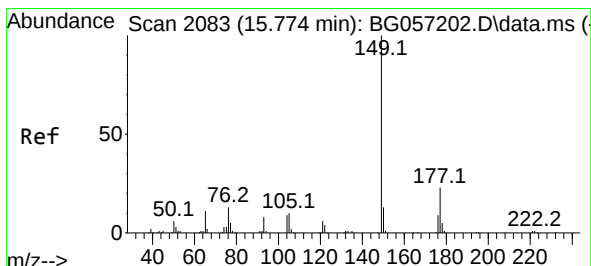
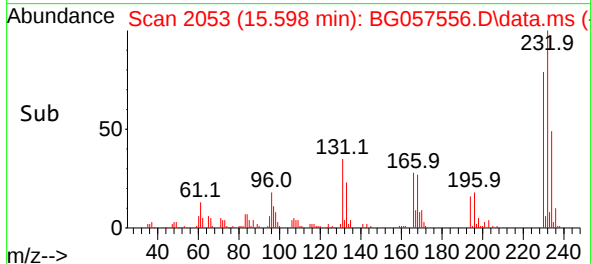
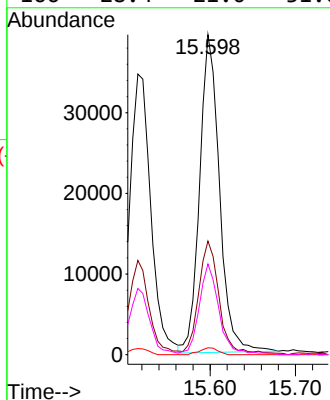
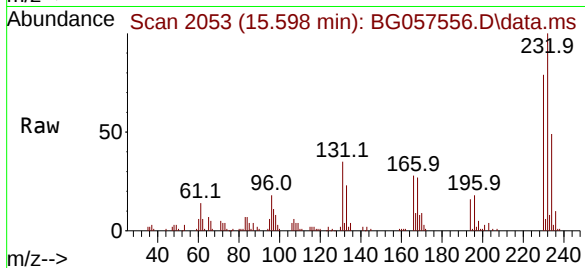




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.204 ng
RT: 15.598 min Scan# 2053
Delta R.T. -0.005 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

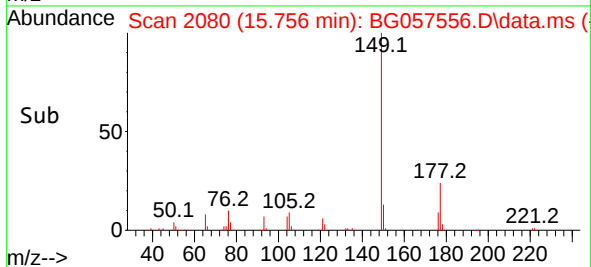
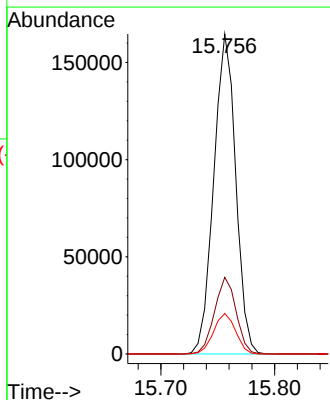
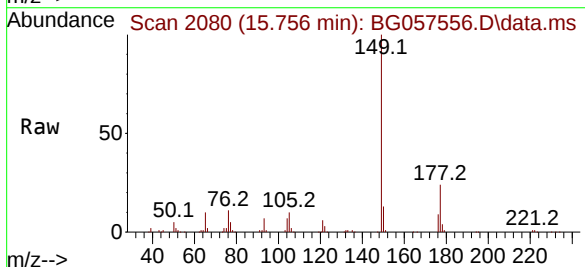
Instrument :
BNA_G
ClientSampleId :
PB152903BSD

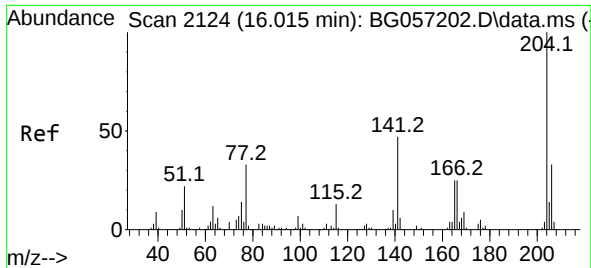
Tgt Ion:232 Resp: 63746
Ion Ratio Lower Upper
232 100
131 37.1 28.6 42.8
130 2.0 1.6 2.4
166 28.4 21.0 31.6



#60
Diethylphthalate
Concen: 43.246 ng
RT: 15.756 min Scan# 2080
Delta R.T. -0.005 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

Tgt Ion:149 Resp: 220646
Ion Ratio Lower Upper
149 100
177 24.0 18.3 27.5
150 12.7 10.1 15.1

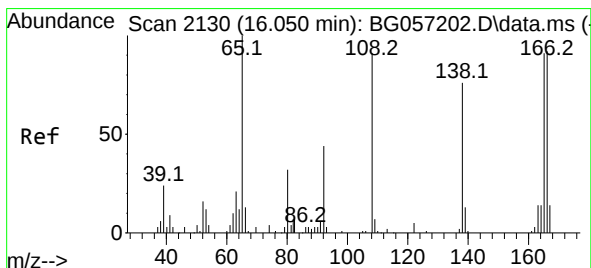
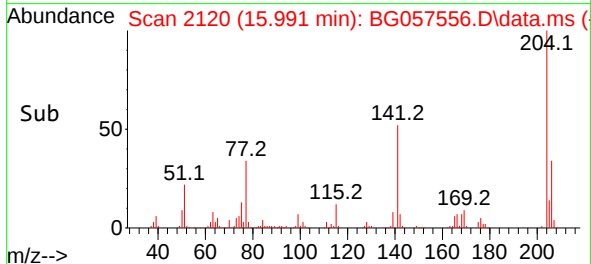
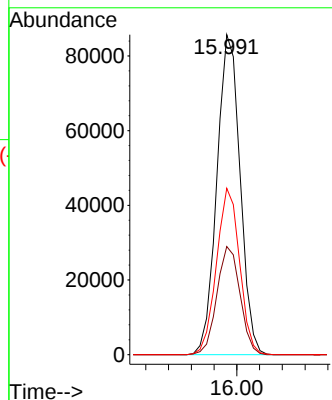
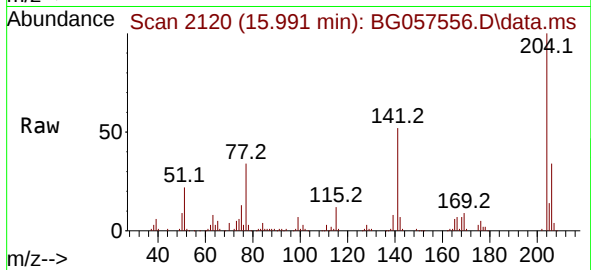




#61
4-Chlorophenyl-phenylether
Concen: 42.580 ng
RT: 15.991 min Scan# 2120
Delta R.T. -0.005 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

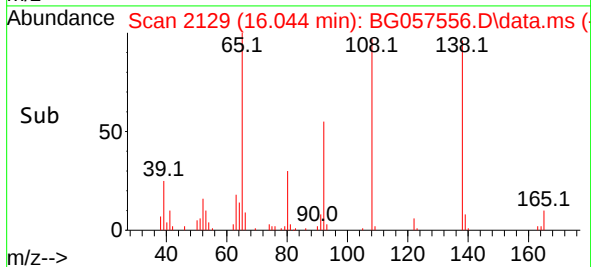
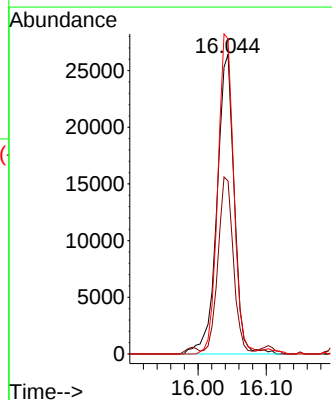
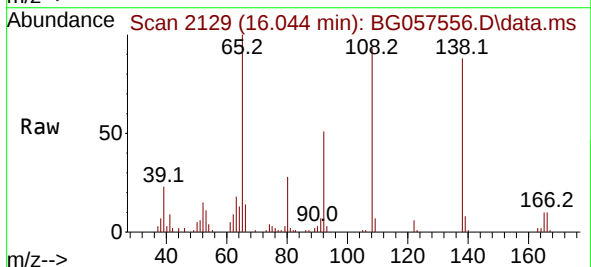
Instrument :
BNA_G
ClientSampleId :
PB152903BSD

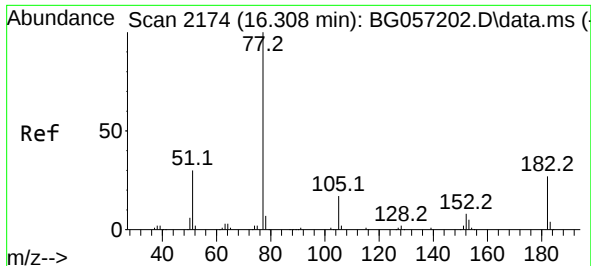
Tgt Ion:204 Resp: 121582
Ion Ratio Lower Upper
204 100
206 33.8 26.5 39.7
141 52.0 37.4 56.0



#62
4-Nitroaniline
Concen: 44.934 ng
RT: 16.044 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

Tgt Ion:138 Resp: 46584
Ion Ratio Lower Upper
138 100
92 57.7 38.2 78.2
108 105.2 99.6 139.6

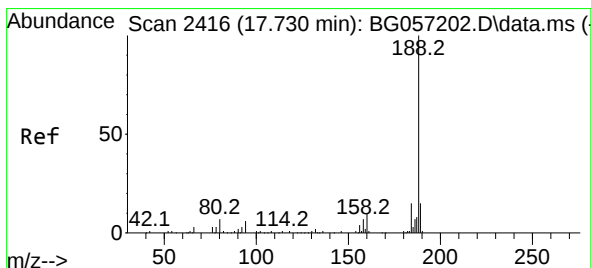
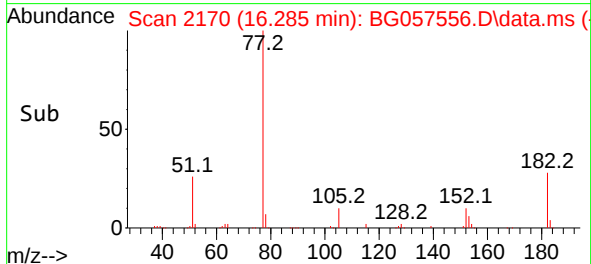
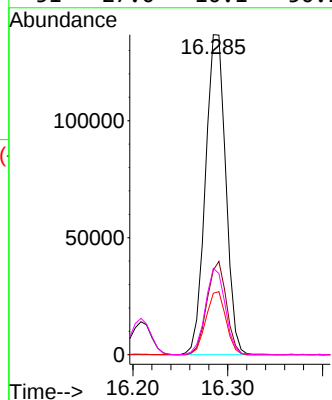
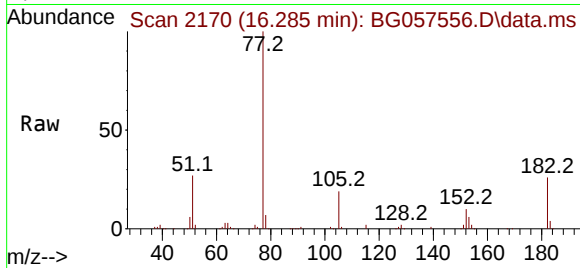




#63
Azobenzene
Concen: 41.354 ng
RT: 16.285 min Scan# 2170
Delta R.T. -0.005 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

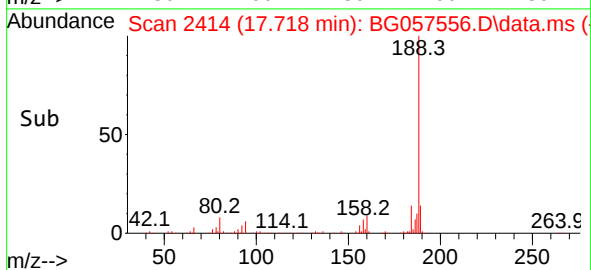
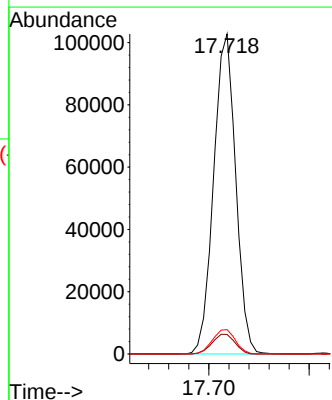
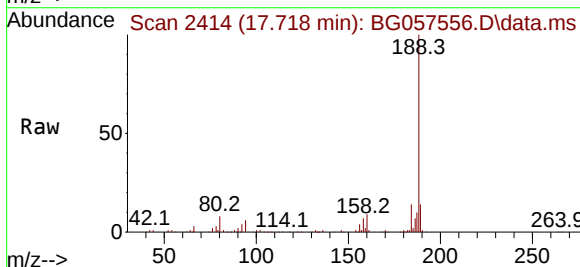
Instrument :
BNA_G
ClientSampleId :
PB152903BSD

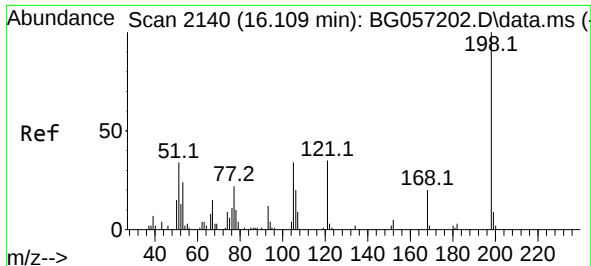
Tgt Ion: 77 Resp: 203577
Ion Ratio Lower Upper
77 100
182 26.5 7.4 47.4
105 19.2 0.0 37.2
51 27.0 10.1 50.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.718 min Scan# 2414
Delta R.T. -0.005 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

Tgt Ion:188 Resp: 156665
Ion Ratio Lower Upper
188 100
94 6.1 5.1 7.7
80 7.6 5.7 8.5

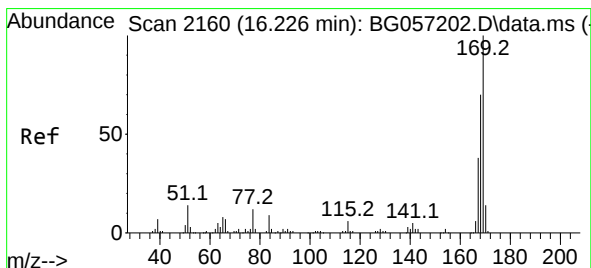
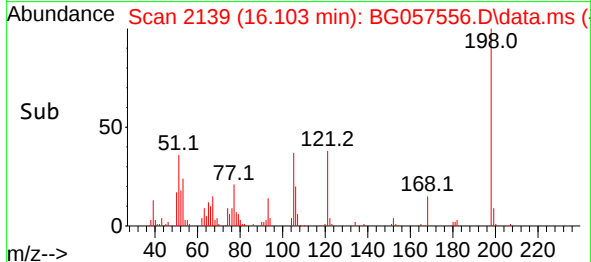
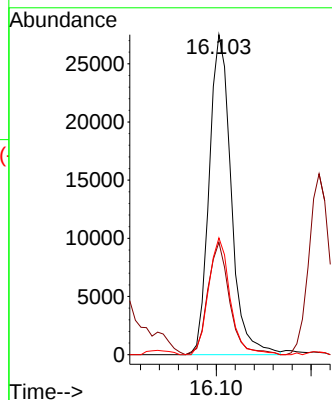
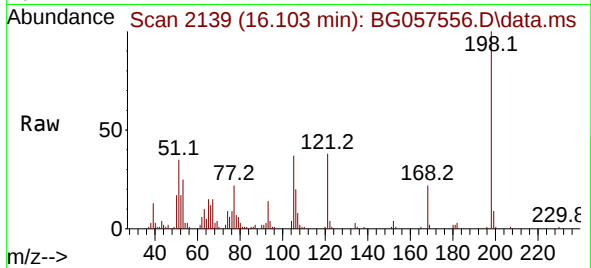




#65
4,6-Dinitro-2-methylphenol
Concen: 47.278 ng
RT: 16.103 min Scan# 2140
Delta R.T. -0.005 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

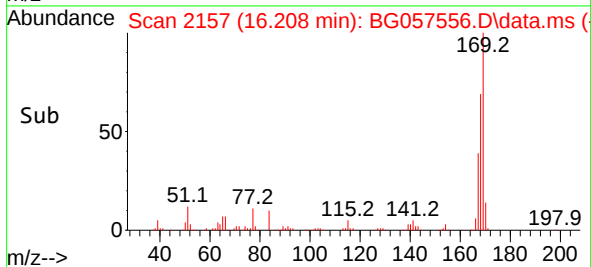
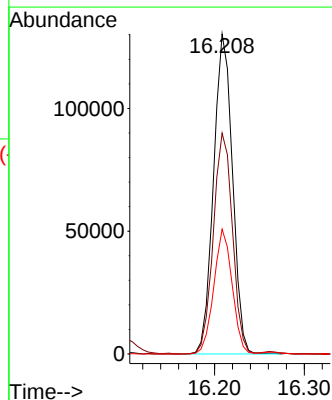
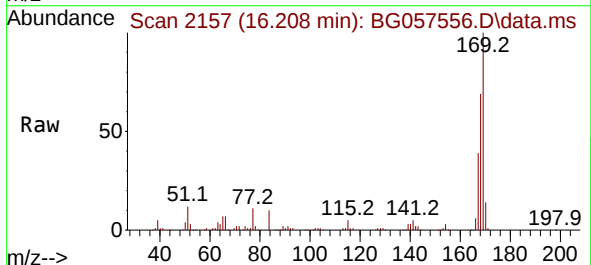
Instrument :
BNA_G
ClientSampleId :
PB152903BSD

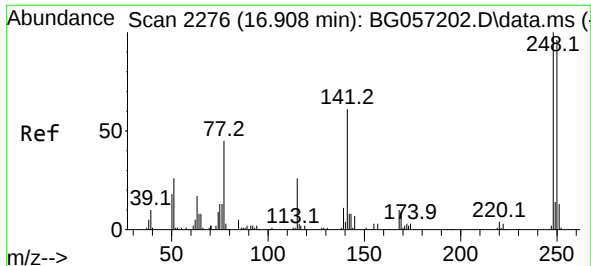
Tgt Ion:198 Resp: 44221
Ion Ratio Lower Upper
198 100
51 35.1 16.1 56.1
105 36.5 14.0 54.0



#66
n-Nitrosodiphenylamine
Concen: 44.875 ng
RT: 16.208 min Scan# 2157
Delta R.T. -0.005 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

Tgt Ion:169 Resp: 190946
Ion Ratio Lower Upper
169 100
168 69.0 56.2 84.4
167 39.0 30.2 45.4

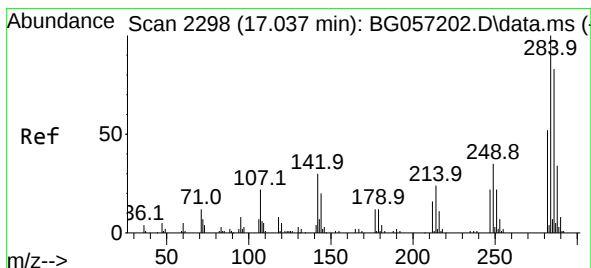
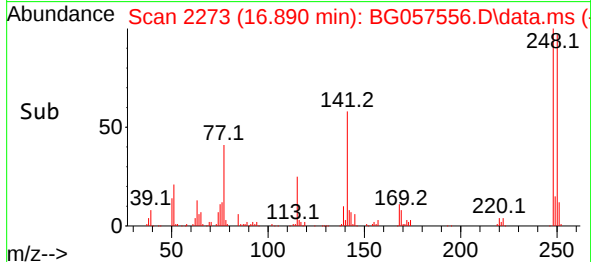
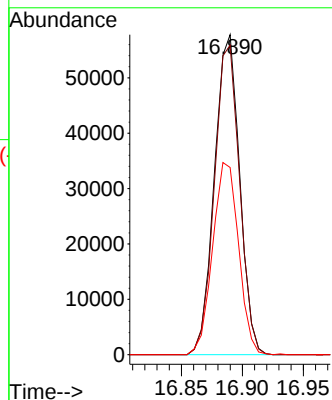
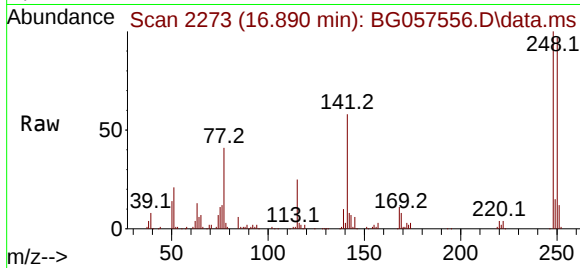




#67
4-Bromophenyl-phenylether
Concen: 43.404 ng
RT: 16.890 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

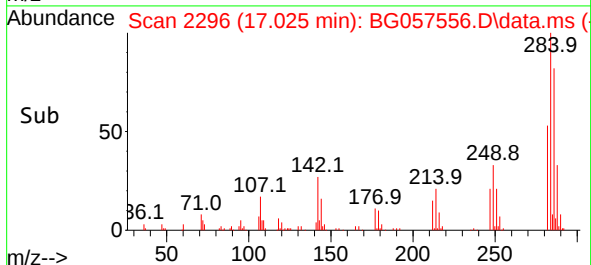
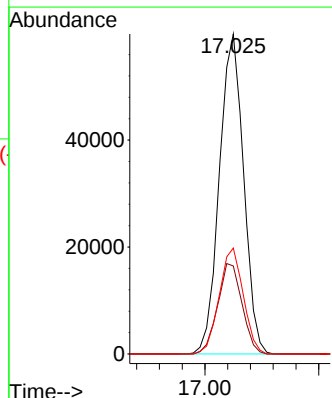
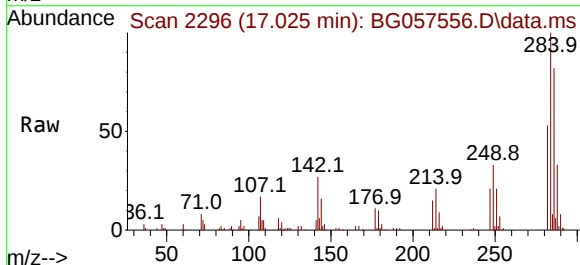
Instrument :
BNA_G
ClientSampleId :
PB152903BSD

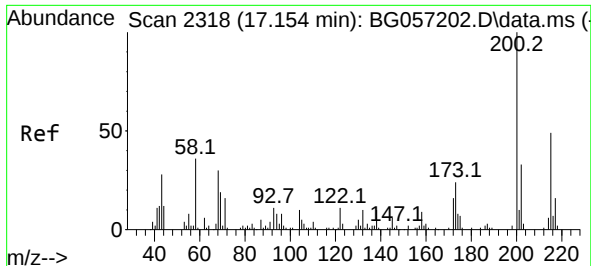
Tgt Ion:248 Resp: 83009
Ion Ratio Lower Upper
248 100
250 96.8 77.0 115.6
141 58.5 48.6 72.8



#68
Hexachlorobenzene
Concen: 47.602 ng
RT: 17.025 min Scan# 2296
Delta R.T. -0.005 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

Tgt Ion:284 Resp: 88468
Ion Ratio Lower Upper
284 100
142 27.5 23.9 35.9
249 33.1 27.7 41.5

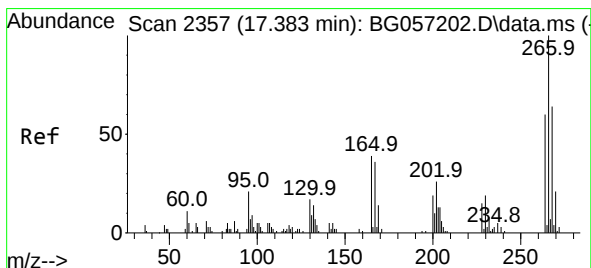
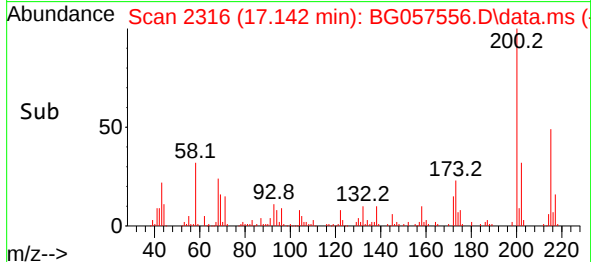
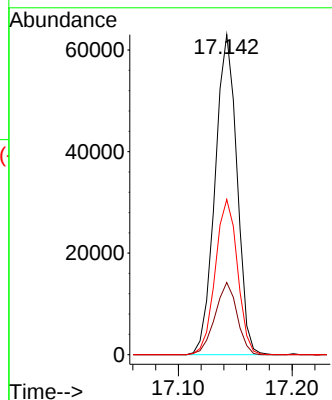
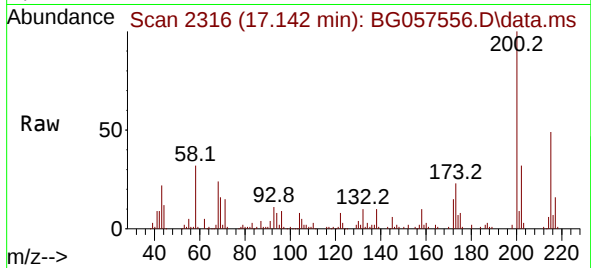




#69
 Atrazine
 Concen: 52.028 ng
 RT: 17.142 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG057556.D
 Acq: 25 May 2023 13:31

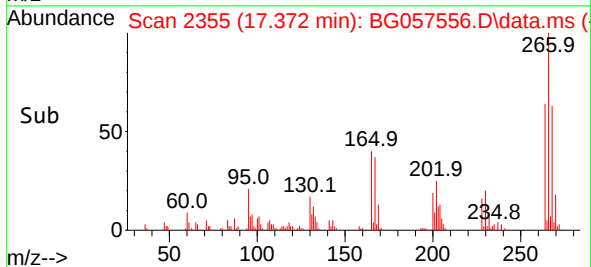
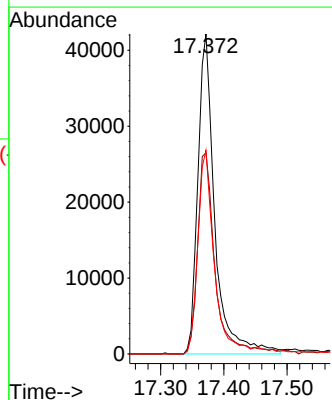
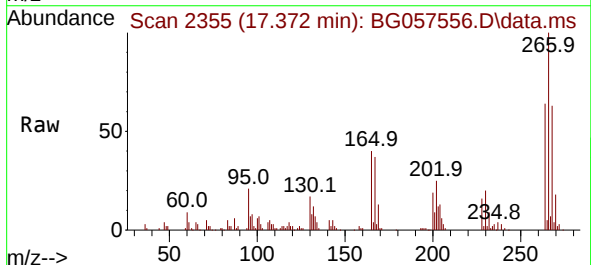
Instrument :
 BNA_G
 ClientSampleId :
 PB152903BSD

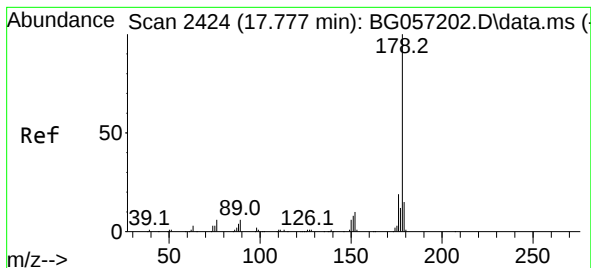
Tgt Ion:200 Resp: 84449
 Ion Ratio Lower Upper
 200 100
 173 22.5 4.3 44.3
 215 48.5 29.3 69.3



#70
 Pentachlorophenol
 Concen: 73.266 ng
 RT: 17.372 min Scan# 2355
 Delta R.T. -0.005 min
 Lab File: BG057556.D
 Acq: 25 May 2023 13:31

Tgt Ion:266 Resp: 78474
 Ion Ratio Lower Upper
 266 100
 268 62.9 51.0 76.6
 264 63.6 47.8 71.6





#71

Phenanthrene

Concen: 45.029 ng

RT: 17.759 min Scan# 24

Delta R.T. -0.005 min

Lab File: BG057556.D

Acq: 25 May 2023 13:31

Instrument :

BNA_G

ClientSampleId :

PB152903BSD

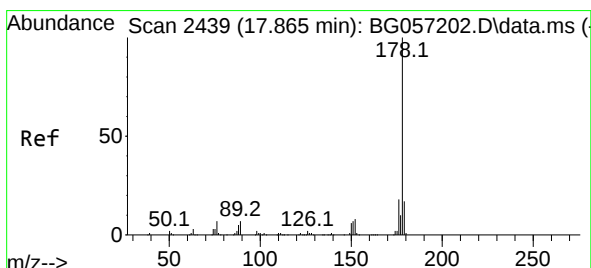
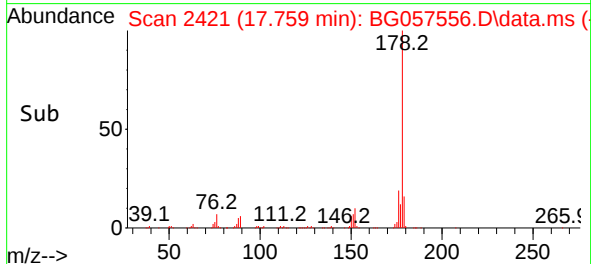
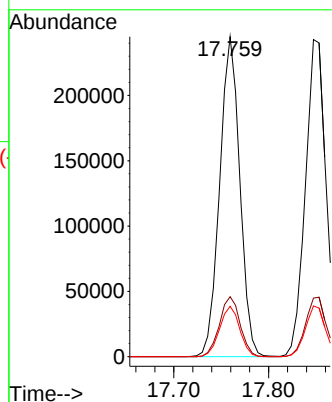
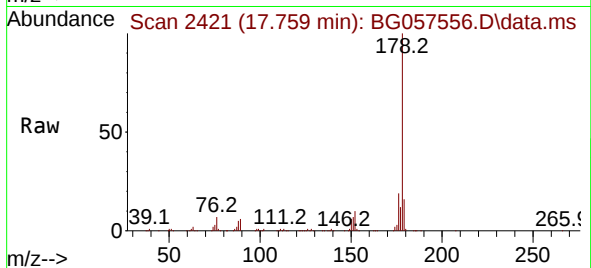
Tgt Ion:178 Resp: 361487

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

179 15.7 12.3 18.5



#72

Anthracene

Concen: 44.520 ng

RT: 17.847 min Scan# 2436

Delta R.T. -0.006 min

Lab File: BG057556.D

Acq: 25 May 2023 13:31

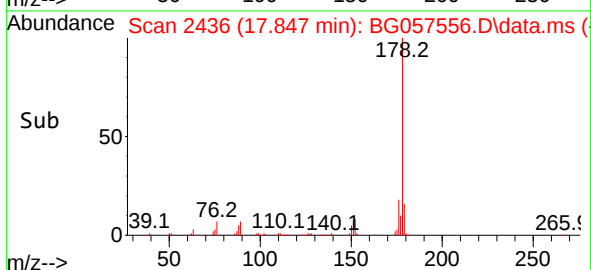
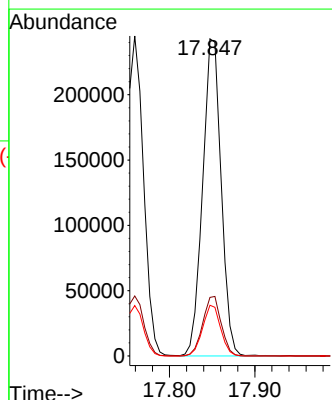
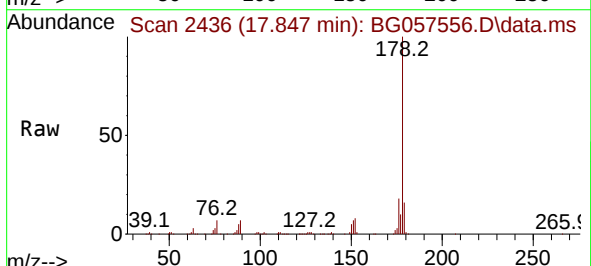
Tgt Ion:178 Resp: 366718

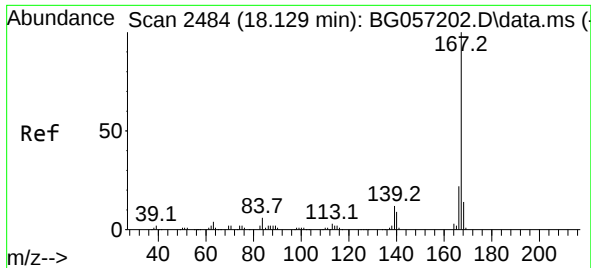
Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

179 16.0 13.2 19.8

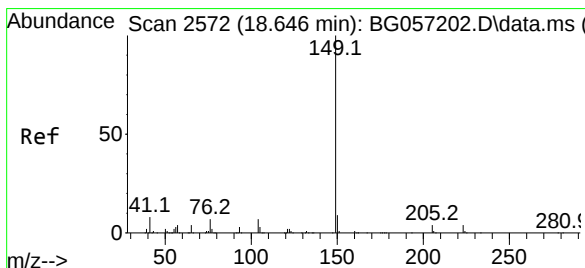
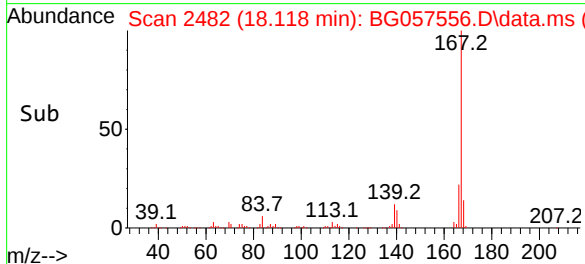
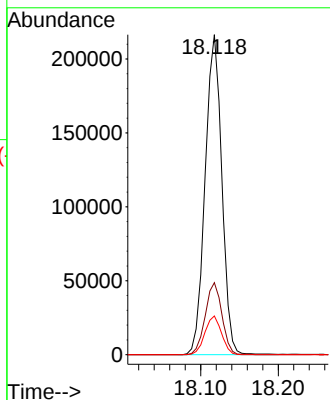
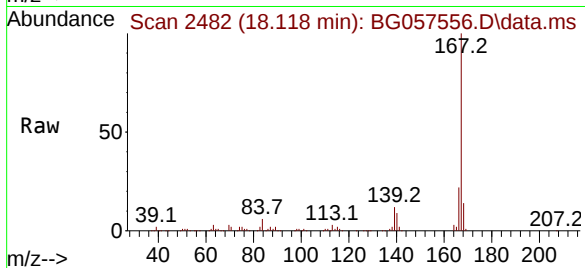




#73
 Carbazole
 Concen: 46.614 ng
 RT: 18.118 min Scan# 2482
 Delta R.T. -0.005 min
 Lab File: BG057556.D
 Acq: 25 May 2023 13:31

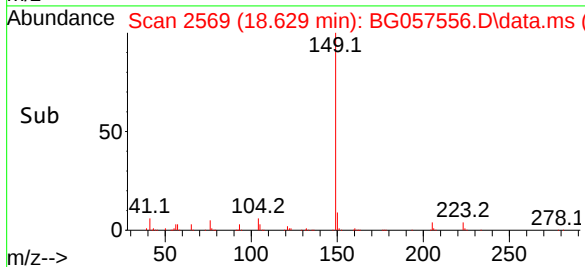
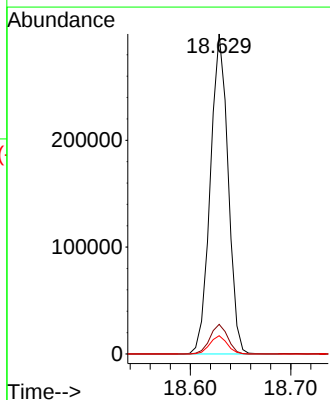
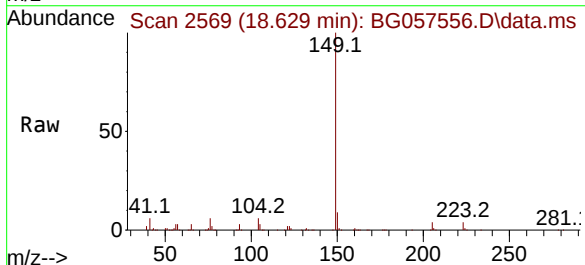
Instrument :
 BNA_G
 ClientSampleId :
 PB152903BSD

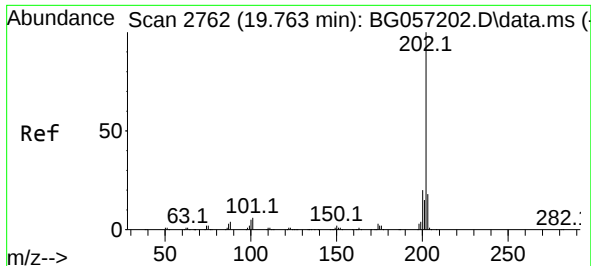
Tgt Ion:167 Resp: 323248
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.4 26.0
 139 12.1 9.6 14.4



#74
 Di-n-butylphthalate
 Concen: 46.190 ng
 RT: 18.629 min Scan# 2569
 Delta R.T. -0.005 min
 Lab File: BG057556.D
 Acq: 25 May 2023 13:31

Tgt Ion:149 Resp: 368538
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 5.7 5.4 8.2

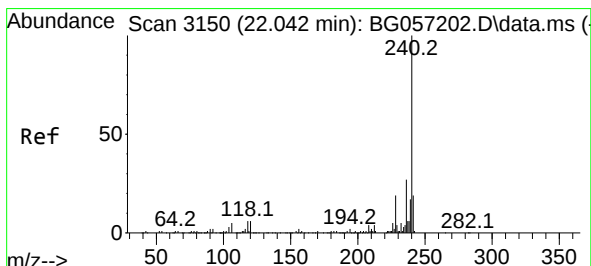
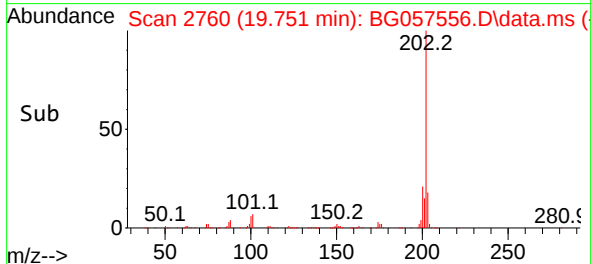
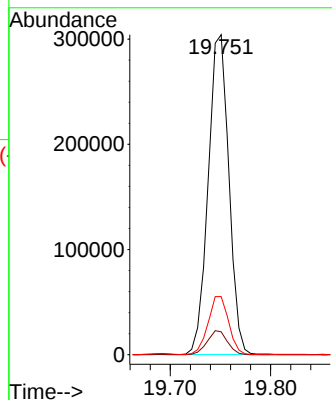
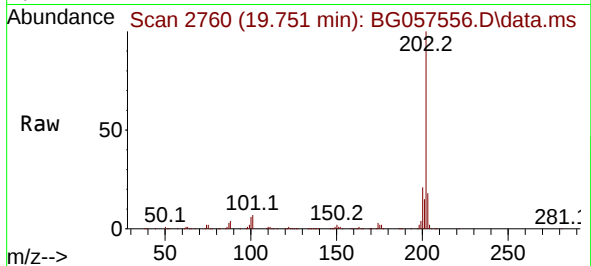




#75
Fluoranthene
Concen: 43.612 ng
RT: 19.751 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

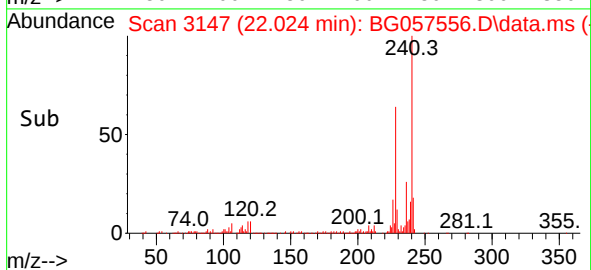
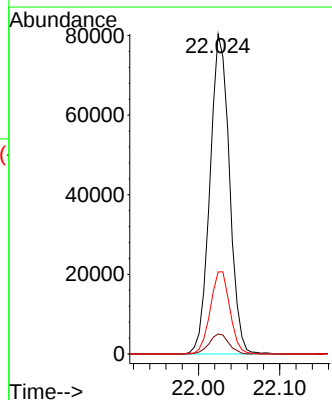
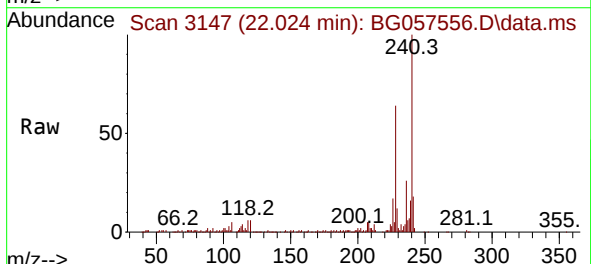
Instrument :
BNA_G
ClientSampleId :
PB152903BSD

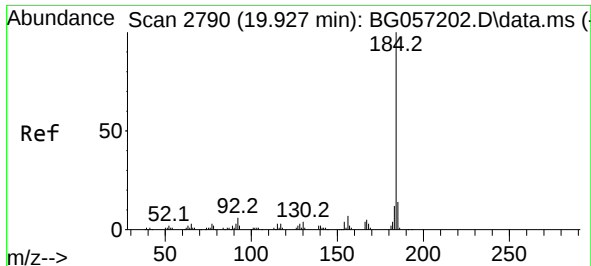
Tgt Ion:202 Resp: 435447
Ion Ratio Lower Upper
202 100
101 7.2 0.0 26.2
203 18.2 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.024 min Scan# 3147
Delta R.T. -0.011 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

Tgt Ion:240 Resp: 133719
Ion Ratio Lower Upper
240 100
120 6.3 4.9 7.3
236 25.7 21.4 32.2

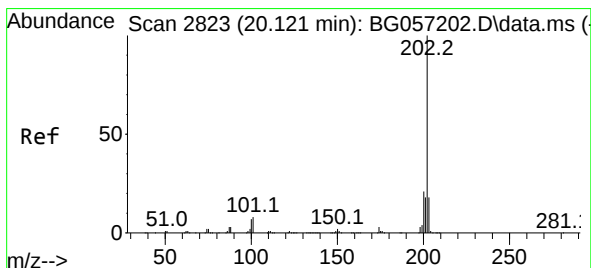
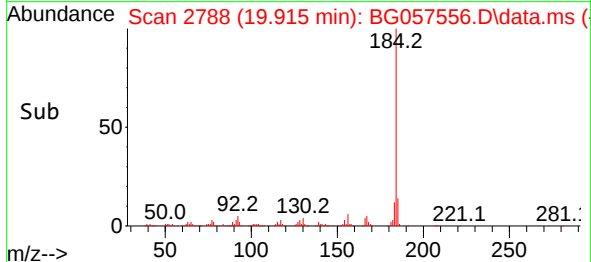
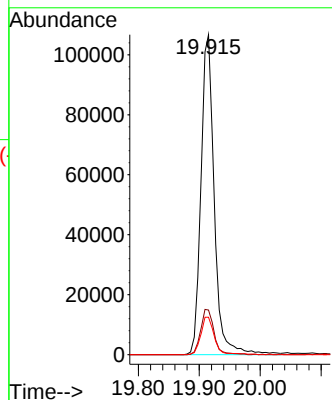
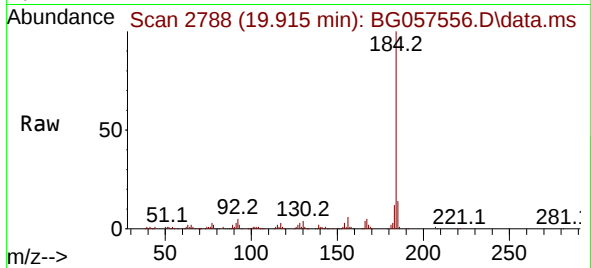




#77
Benzidine
Concen: 54.182 ng
RT: 19.915 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

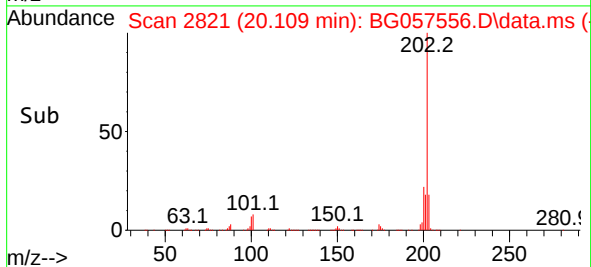
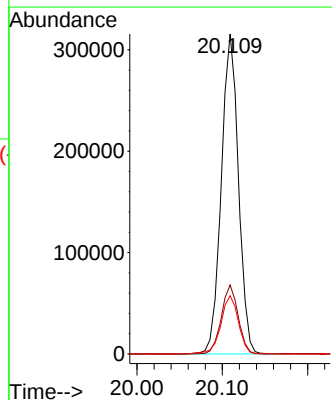
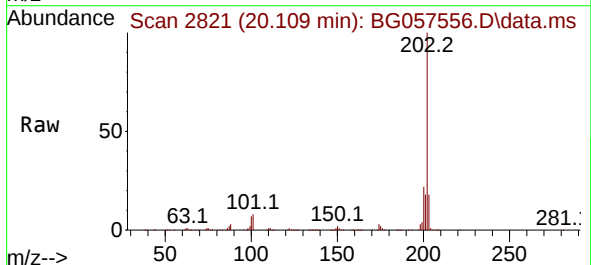
Instrument :
BNA_G
ClientSampleId :
PB152903BSD

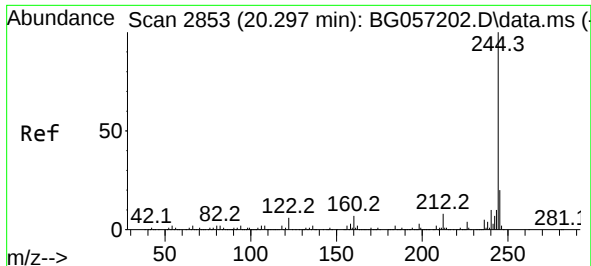
Tgt Ion:184 Resp: 161977
Ion Ratio Lower Upper
184 100
185 13.9 11.1 16.7
183 11.7 9.9 14.9



#78
Pyrene
Concen: 45.256 ng
RT: 20.109 min Scan# 2821
Delta R.T. -0.005 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

Tgt Ion:202 Resp: 439745
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.4
203 18.2 14.2 21.4

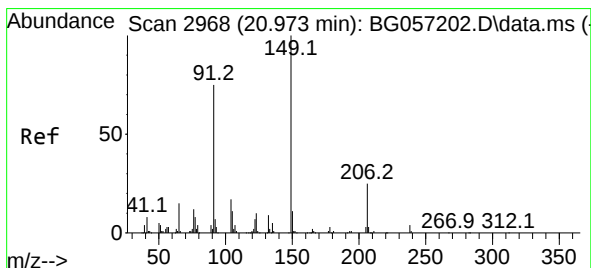
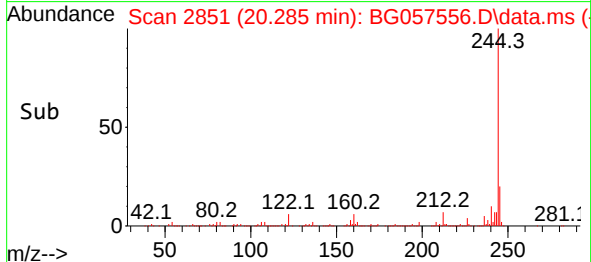
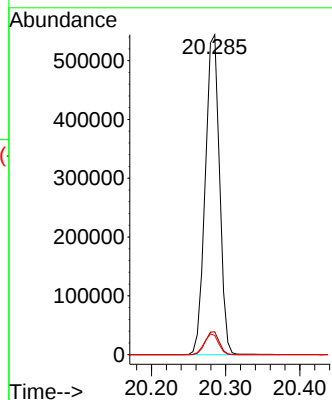
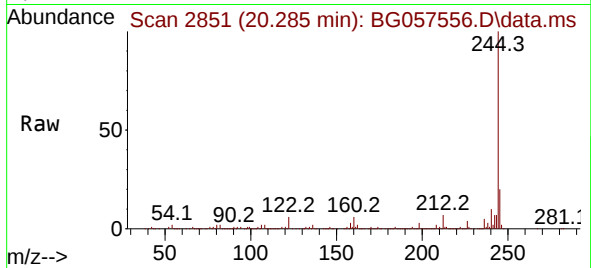




#79
 Terphenyl-d14
 Concen: 88.715 ng
 RT: 20.285 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG057556.D
 Acq: 25 May 2023 13:31

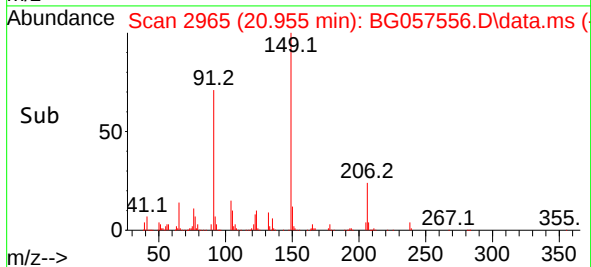
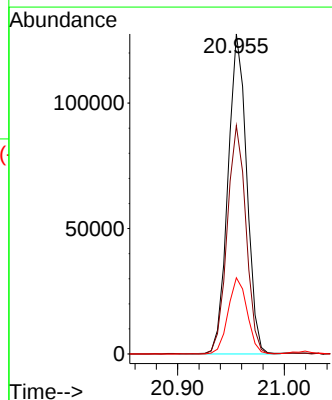
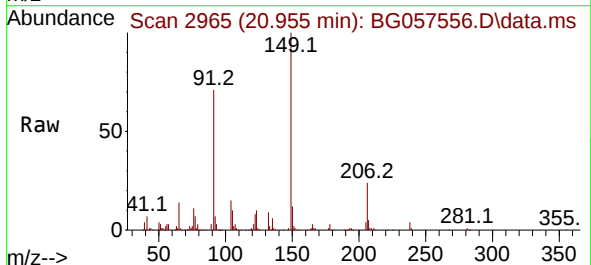
Instrument :
 BNA_G
 ClientSampleId :
 PB152903BSD

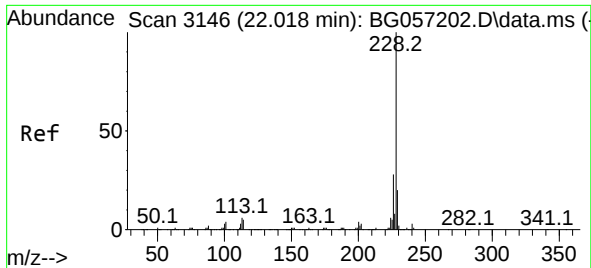
Tgt Ion:244 Resp: 726925
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 6.0 5.1 7.7



#80
 Butylbenzylphthalate
 Concen: 50.594 ng
 RT: 20.955 min Scan# 2965
 Delta R.T. -0.005 min
 Lab File: BG057556.D
 Acq: 25 May 2023 13:31

Tgt Ion:149 Resp: 155985
 Ion Ratio Lower Upper
 149 100
 91 71.3 59.7 89.5
 206 23.8 19.7 29.5

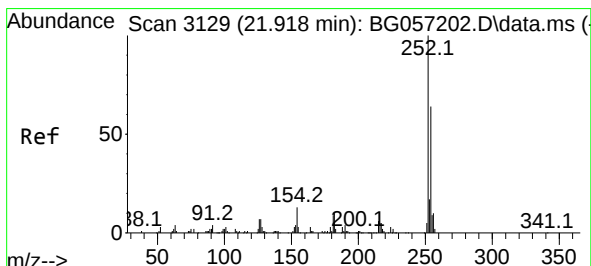
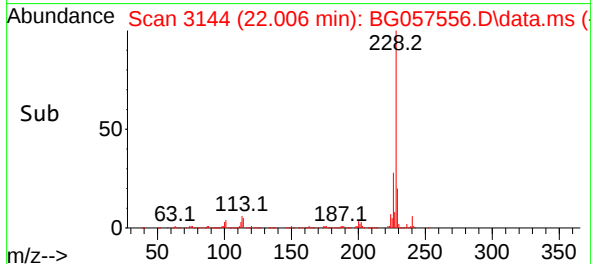
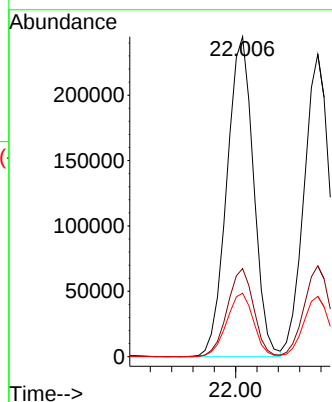
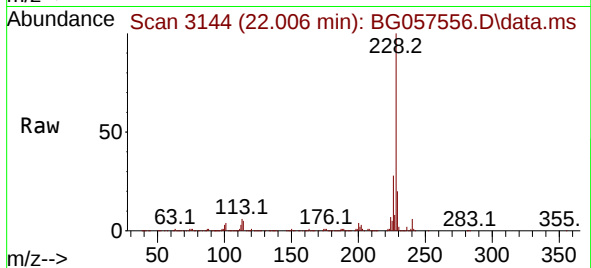




#81
Benzo(a)anthracene
Concen: 44.619 ng
RT: 22.006 min Scan# 3146
Delta R.T. -0.005 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

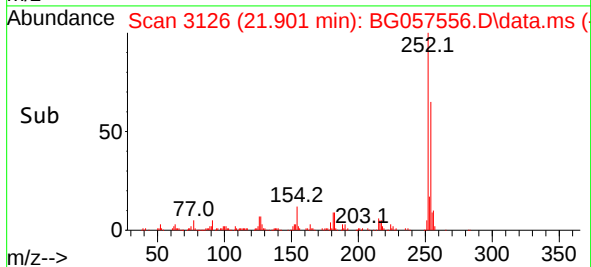
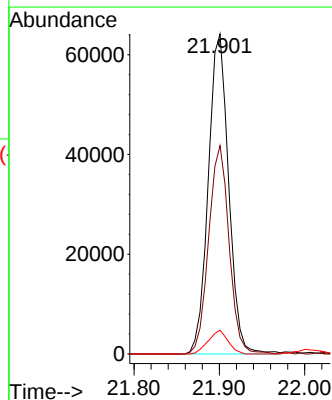
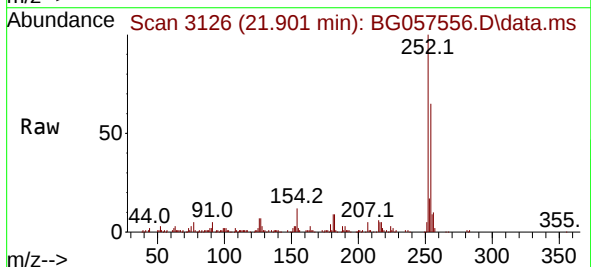
Instrument :
BNA_G
ClientSampleId :
PB152903BSD

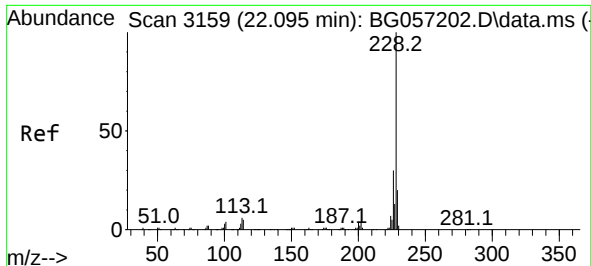
Tgt Ion:228 Resp: 425085
Ion Ratio Lower Upper
228 100
226 27.5 22.0 33.0
229 19.8 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 34.893 ng
RT: 21.901 min Scan# 3126
Delta R.T. -0.005 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

Tgt Ion:252 Resp: 106479
Ion Ratio Lower Upper
252 100
254 65.1 51.4 77.0
126 7.5 5.9 8.9

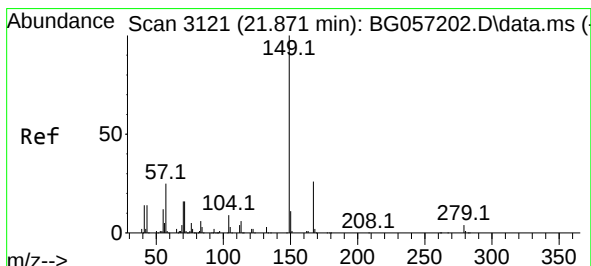
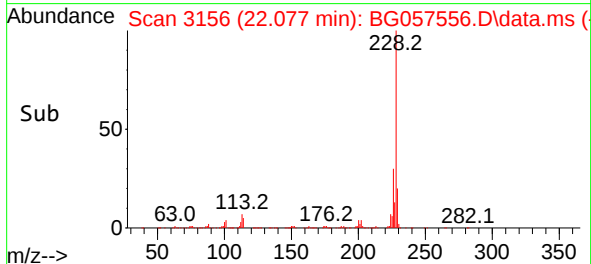
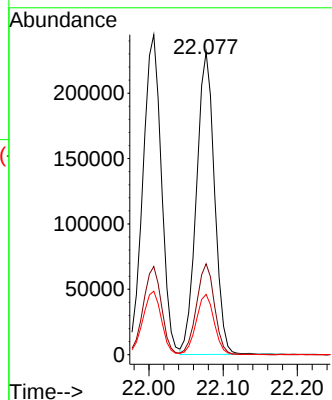
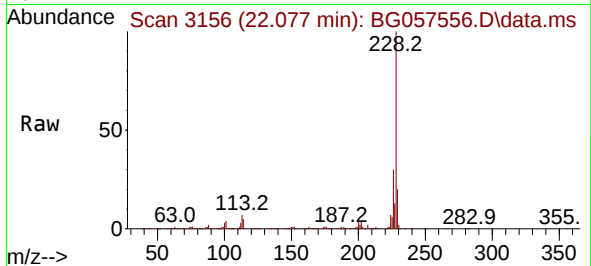




#83
Chrysene
Concen: 43.451 ng
RT: 22.077 min Scan# 3115
Delta R.T. -0.005 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

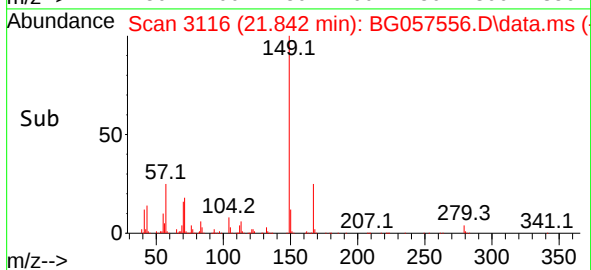
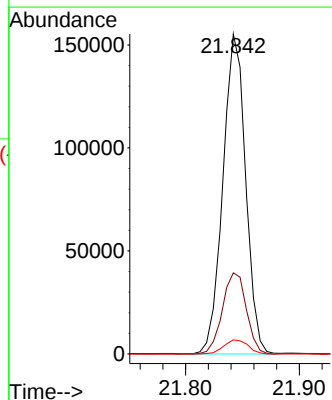
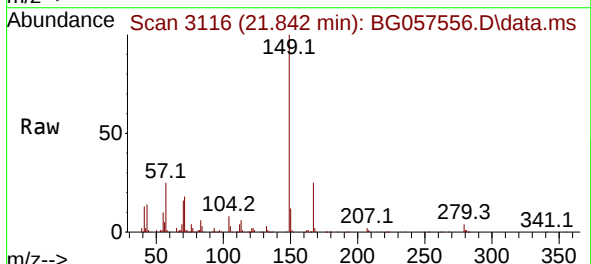
Instrument :
BNA_G
ClientSampleId :
PB152903BSD

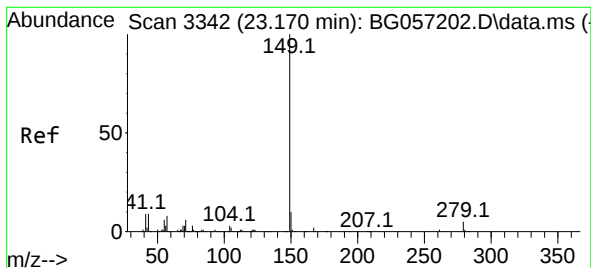
Tgt Ion:228 Resp: 389487
Ion Ratio Lower Upper
228 100
226 30.1 24.3 36.5
229 19.9 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.278 ng
RT: 21.842 min Scan# 3116
Delta R.T. -0.005 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

Tgt Ion:149 Resp: 215664
Ion Ratio Lower Upper
149 100
167 25.4 21.2 31.8
279 4.4 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 48.506 ng

RT: 23.134 min Scan# 31

Delta R.T. -0.011 min

Lab File: BG057556.D

Acq: 25 May 2023 13:31

Instrument :

BNA_G

ClientSampleId :

PB152903BSD

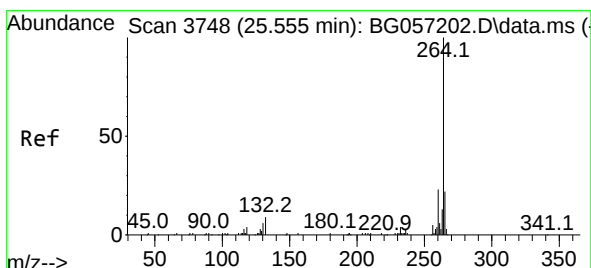
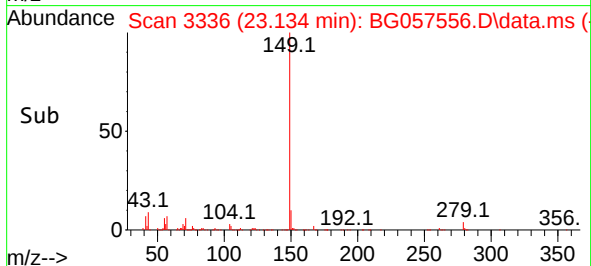
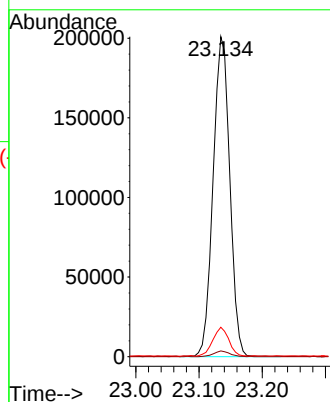
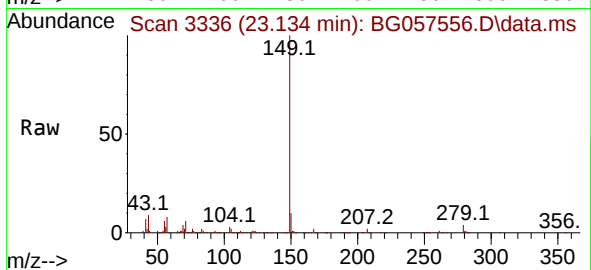
Tgt Ion:149 Resp: 368881

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.7 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.531 min Scan# 3744

Delta R.T. -0.011 min

Lab File: BG057556.D

Acq: 25 May 2023 13:31

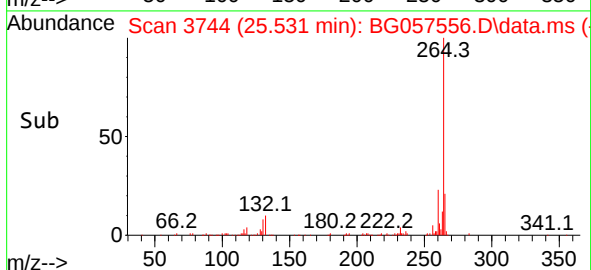
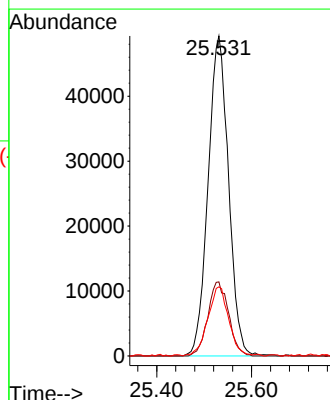
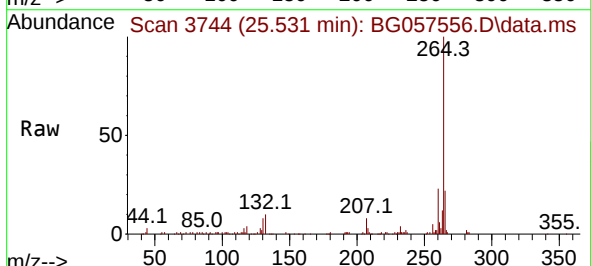
Tgt Ion:264 Resp: 147323

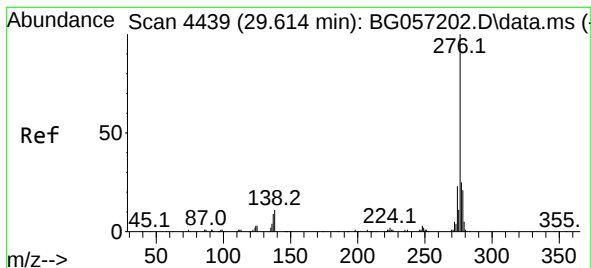
Ion Ratio Lower Upper

264 100

260 23.2 18.8 28.2

265 21.6 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.952 ng

RT: 29.596 min Scan# 4436

Delta R.T. -0.023 min

Lab File: BG057556.D

Acq: 25 May 2023 13:31

Instrument :

BNA_G

ClientSampleId :

PB152903BSD

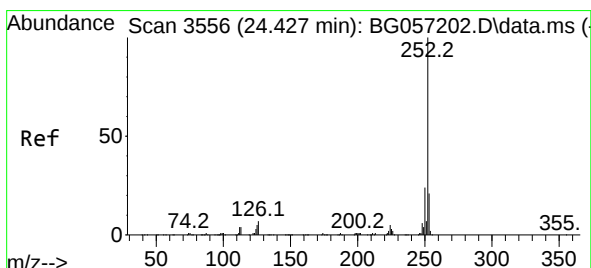
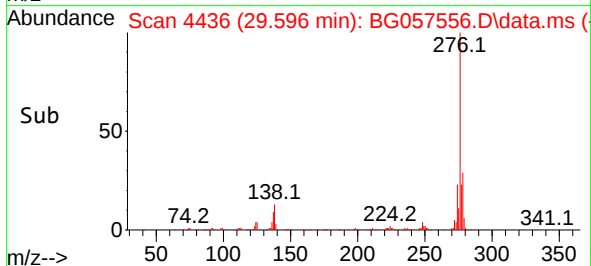
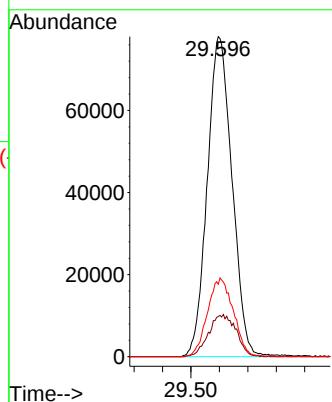
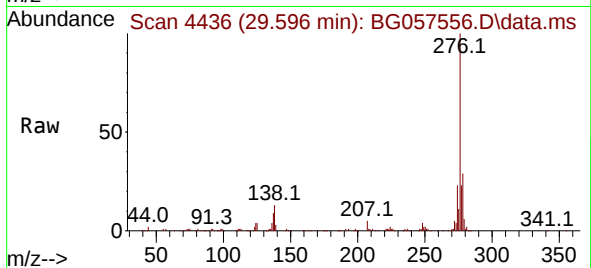
Tgt Ion:276 Resp: 471914

Ion Ratio Lower Upper

276 100

138 14.6 5.4 8.0#

277 25.6 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 44.104 ng

RT: 24.409 min Scan# 3553

Delta R.T. -0.011 min

Lab File: BG057556.D

Acq: 25 May 2023 13:31

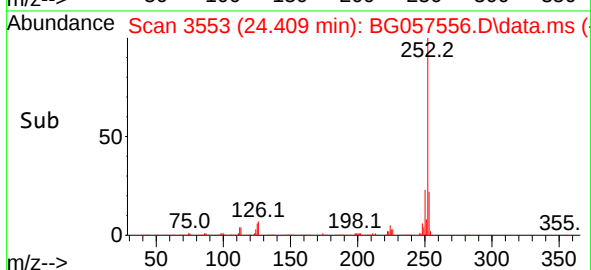
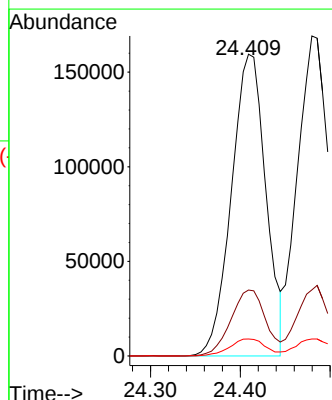
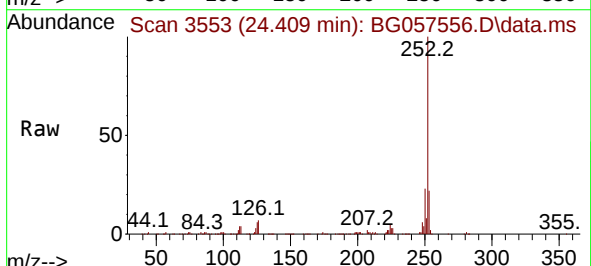
Tgt Ion:252 Resp: 424736

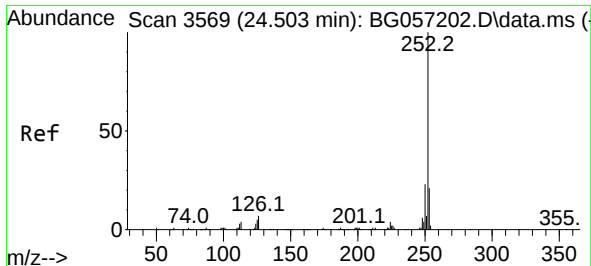
Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

125 5.6 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 42.788 ng

RT: 24.480 min Scan# 3

Delta R.T. -0.017 min

Lab File: BG057556.D

Acq: 25 May 2023 13:31

Instrument :

BNA_G

ClientSampleId :

PB152903BSD

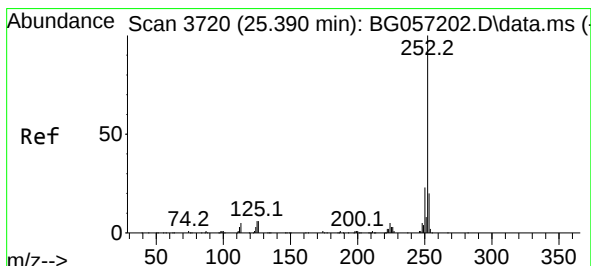
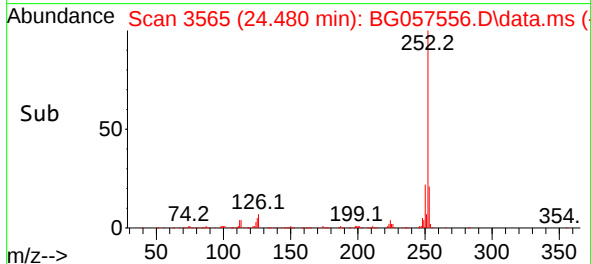
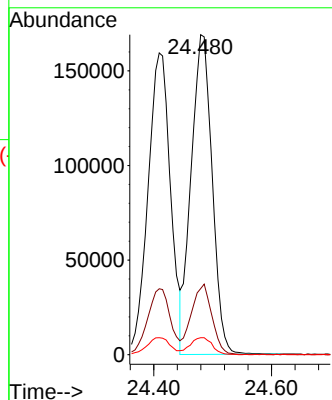
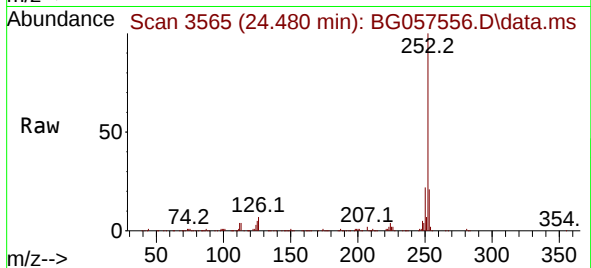
Tgt Ion:252 Resp: 418732

Ion Ratio Lower Upper

252 100

253 20.7 17.4 26.0

125 5.3 4.1 6.1



#90

Benzo(a)pyrene

Concen: 39.453 ng

RT: 25.367 min Scan# 3716

Delta R.T. -0.017 min

Lab File: BG057556.D

Acq: 25 May 2023 13:31

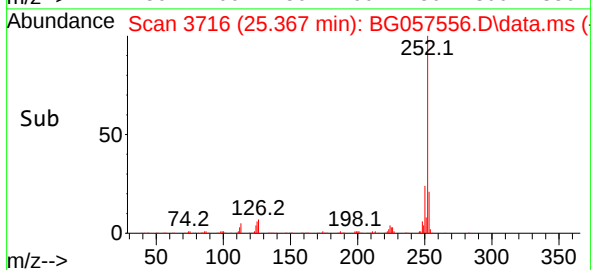
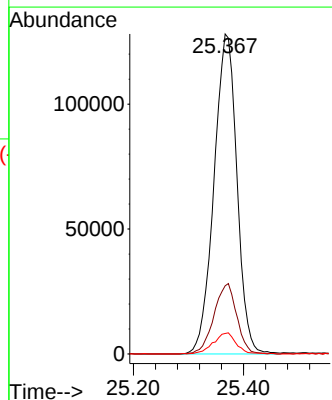
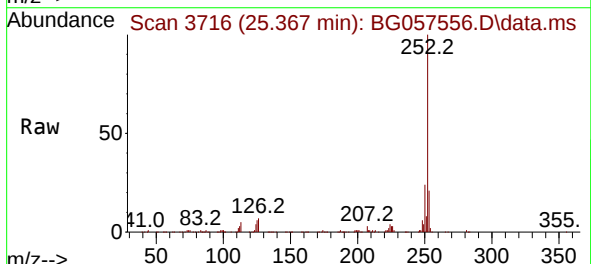
Tgt Ion:252 Resp: 371196

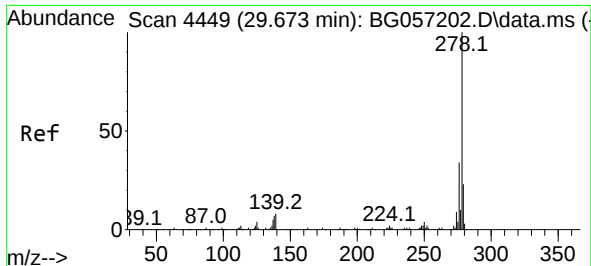
Ion Ratio Lower Upper

252 100

253 21.3 16.3 24.5

125 6.4 5.0 7.4

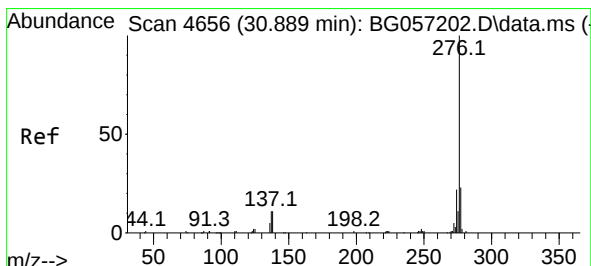
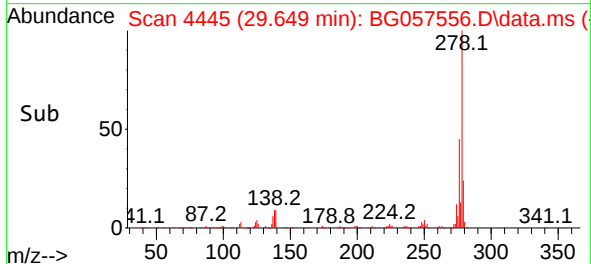
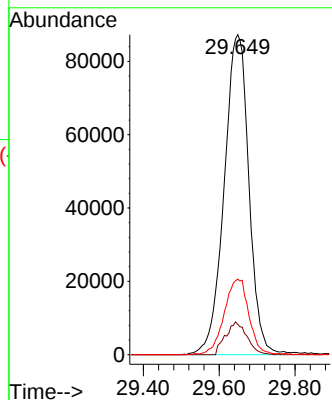
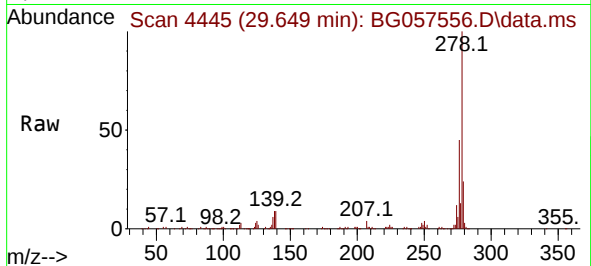




#91
Dibenzo(a,h)anthracene
Concen: 44.130 ng
RT: 29.649 min Scan# 4445
Delta R.T. -0.011 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

Instrument :
BNA_G
ClientSampleId :
PB152903BSD

Tgt Ion:278 Resp: 394605
Ion Ratio Lower Upper
278 100
139 9.4 6.2 9.2#
279 23.6 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 44.006 ng
RT: 30.877 min Scan# 4654
Delta R.T. -0.017 min
Lab File: BG057556.D
Acq: 25 May 2023 13:31

Tgt Ion:276 Resp: 384219
Ion Ratio Lower Upper
276 100
277 25.2 18.4 27.6
138 13.1 9.0 13.4

