

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011323\
 Data File : BG056277.D
 Acq On : 13 Jan 2023 14:26
 Operator : CG/JU
 Sample : PB150241BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150241BS

Quant Time: Jan 16 00:21:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.317	152	52313	20.000	ng	0.00
21) Naphthalene-d8	11.149	136	217755	20.000	ng	0.00
39) Acenaphthene-d10	14.932	164	188279	20.000	ng	0.00
64) Phenanthrene-d10	17.670	188	457086	20.000	ng	0.00
76) Chrysene-d12	21.965	240	465122	20.000	ng	# 0.00
86) Perylene-d12	25.402	264	451000	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.837	112	438199	149.562	ng	0.01
7) Phenol-d6	7.459	99	618073	137.366	ng	0.01
23) Nitrobenzene-d5	9.492	82	327316	76.888	ng	0.00
42) 2,4,6-Tribromophenol	16.413	330	271220	113.742	ng	0.00
45) 2-Fluorobiphenyl	13.557	172	1032442	75.723	ng	0.00
79) Terphenyl-d14	20.244	244	1953100	75.208	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.646	88	46989	35.112	ng	# 91
3) Pyridine	4.069	79	113260	27.787	ng	96
4) n-Nitrosodimethylamine	3.975	42	34403	41.493	ng	93
6) Aniline	7.629	93	147975	25.078	ng	96
8) 2-Chlorophenol	7.876	128	149122	51.147	ng	95
10) Phenol	7.482	94	221687	48.583	ng	96
11) bis(2-Chloroethyl)ether	7.723	93	133281	43.101	ng	96
12) 1,3-Dichlorobenzene	8.211	146	167465	47.195	ng	94
13) 1,4-Dichlorobenzene	8.352	146	168172	47.196	ng	97
14) 1,2-Dichlorobenzene	8.681	146	163403	47.526	ng	98
15) Benzyl Alcohol	8.552	79	150934	46.091	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.845	45	26839	49.115	ng	83
17) 2-Methylphenol	8.751	107	149876	44.762	ng	97
18) Hexachloroethane	9.415	117	51554	47.626	ng	94
19) n-Nitroso-di-n-propyla...	9.122	70	109329	39.958	ng	100
20) 3+4-Methylphenols	9.080	107	206394	43.844	ng	98
22) Acetophenone	9.145	105	239112	38.835	ng	# 97
24) Nitrobenzene	9.539	77	165234	39.166	ng	99
25) Isophorone	10.056	82	331951	37.061	ng	98
26) 2-Nitrophenol	10.250	139	91412	42.349	ng	96
27) 2,4-Dimethylphenol	10.297	122	167375	42.514	ng	95
28) bis(2-Chloroethoxy)met...	10.532	93	188460	40.483	ng	98
29) 2,4-Dichlorophenol	10.790	162	193398	44.433	ng	96
30) 1,2,4-Trichlorobenzene	11.008	180	206867	41.882	ng	97
31) Naphthalene	11.201	128	458257	39.987	ng	99
32) Benzoic acid	10.432	122	111462	38.157	ng	98
33) 4-Chloroaniline	11.301	127	88714	16.214	ng	95
34) Hexachlorobutadiene	11.478	225	149569	42.103	ng	99
35) Caprolactam	12.071	113	36088	24.489	ng	98
36) 4-Chloro-3-methylphenol	12.394	107	184504	41.775	ng	99
37) 2-Methylnaphthalene	12.782	142	370869	38.327	ng	97
38) 1-Methylnaphthalene	12.999	142	347938	38.721	ng	100
40) 1,2,4,5-Tetrachloroben...	13.146	216	283251	40.140	ng	99
41) Hexachlorocyclopentadiene	13.117	237	347461	86.365	ng	96
43) 2,4,6-Trichlorophenol	13.375	196	191832	41.111	ng	99
44) 2,4,5-Trichlorophenol	13.446	196	204843	37.111	ng	96

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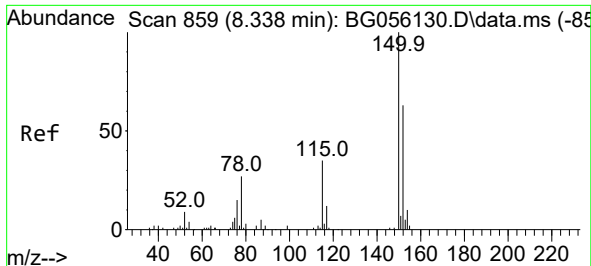
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.769	154	543736	40.325	ng	98
47) 2-Chloronaphthalene	13.822	162	432944	40.678	ng	98
48) 2-Nitroaniline	14.010	65	91909	40.531	ng	96
49) Acenaphthylene	14.662	152	661627	38.201	ng	99
50) Dimethylphthalate	14.374	163	564713	37.155	ng	98
51) 2,6-Dinitrotoluene	14.498	165	124394	38.409	ng	99
52) Acenaphthene	14.997	154	414960	36.838	ng	98
53) 3-Nitroaniline	14.827	138	73267	23.771	ng	99
54) 2,4-Dinitrophenol	15.032	184	186156	80.460	ng	# 94
55) Dibenzofuran	15.326	168	714239	38.316	ng	98
56) 4-Nitrophenol	15.120	139	185081	78.076	ng	97
57) 2,4-Dinitrotoluene	15.279	165	176220	38.907	ng	94
58) Fluorene	15.972	166	568023	37.886	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.543	232	199453	38.484	ng	96
60) Diethylphthalate	15.720	149	523901	36.755	ng	98
61) 4-Chlorophenyl-phenyle...	15.955	204	356827	38.136	ng	99
62) 4-Nitroaniline	15.984	138	111854	35.428	ng	98
63) Azobenzene	16.248	77	413390	37.583	ng	98
65) 4,6-Dinitro-2-methylph...	16.043	198	126367	41.034	ng	93
66) n-Nitrosodiphenylamine	16.166	169	520241	41.022	ng	97
67) 4-Bromophenyl-phenylether	16.848	248	242151	41.603	ng	97
68) Hexachlorobenzene	16.971	284	240191	44.231	ng	98
69) Atrazine	17.100	200	112843	21.470	ng	94
70) Pentachlorophenol	17.312	266	303784	72.824	ng	98
71) Phenanthrene	17.711	178	972588	41.059	ng	98
72) Anthracene	17.800	178	977562	40.006	ng	100
73) Carbazole	18.064	167	835493	40.677	ng	98
74) Di-n-butylphthalate	18.593	149	846010	41.319	ng	100
75) Fluoranthene	19.697	202	1231983	39.872	ng	99
77) Benzidine	19.868	184	226249	13.880	ng	98
78) Pyrene	20.062	202	1241020	37.855	ng	99
80) Butylbenzylphthalate	20.919	149	368603	39.191	ng	97
81) Benzo(a)anthracene	21.942	228	1257726	38.499	ng	99
82) 3,3'-Dichlorobenzidine	21.842	252	382768	32.548	ng	98
83) Chrysene	22.012	228	1171199	38.273	ng	99
84) Bis(2-ethylhexyl)phtha...	21.807	149	538178	39.717	ng	99
85) Di-n-octyl phthalate	23.087	149	912578	39.893	ng	100
87) Indeno(1,2,3-cd)pyrene	29.374	276	1461970	44.573	ng	# 99
88) Benzo(b)fluoranthene	24.380	252	1281855	44.734	ng	99
89) Benzo(k)fluoranthene	24.380	252	1281855	44.923	ng	99
90) Benzo(a)pyrene	25.250	252	1172558	41.954	ng	100
91) Dibenzo(a,h)anthracene	29.445	278	1252472	45.546	ng	# 99
92) Benzo(g,h,i)perylene	30.632	276	1200683	45.025	ng	97

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

PB150241BS

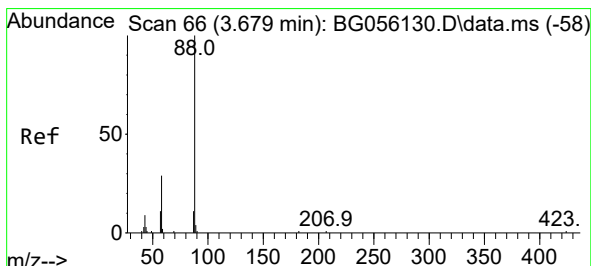
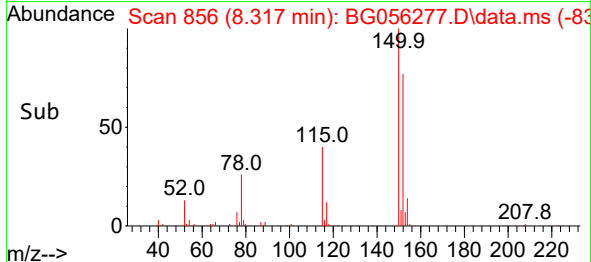
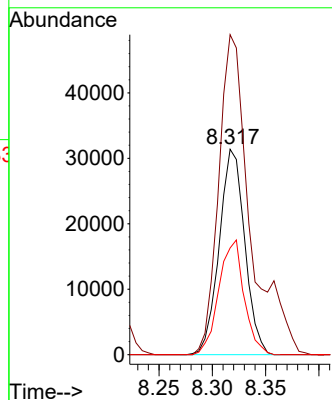
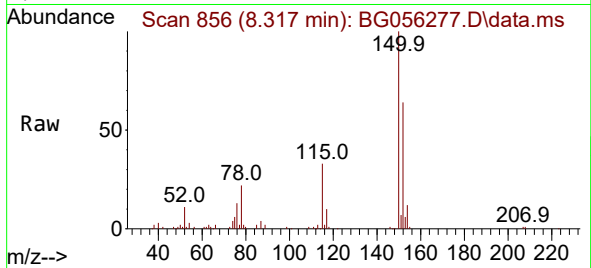
Response via : Initial Calibration



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.317 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

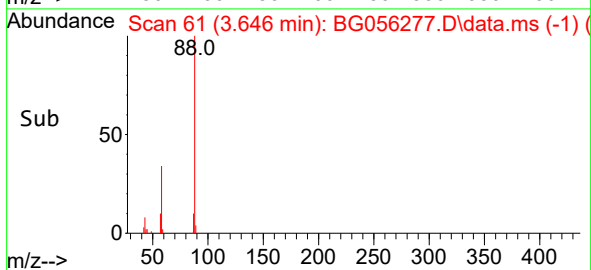
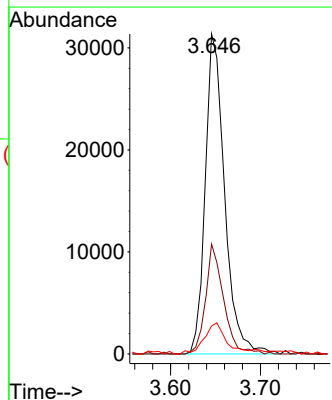
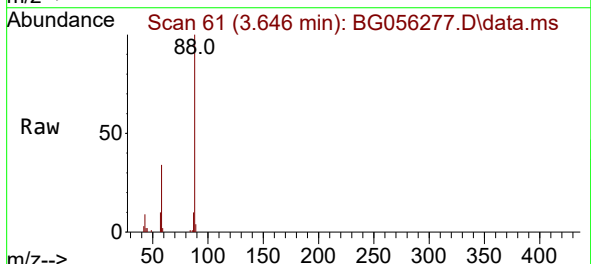
Instrument :
BNA_G
ClientSampleId :
PB150241BS

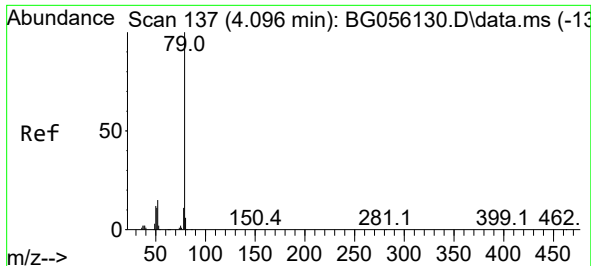
Tgt Ion:152 Resp: 52313
Ion Ratio Lower Upper
152 100
150 155.8 127.9 191.9
115 52.0 44.2 66.2



#2
1,4-Dioxane
Concen: 35.112 ng
RT: 3.646 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

Tgt Ion: 88 Resp: 46989
Ion Ratio Lower Upper
88 100
58 31.8 21.4 32.0
43 10.9 7.1 10.7#

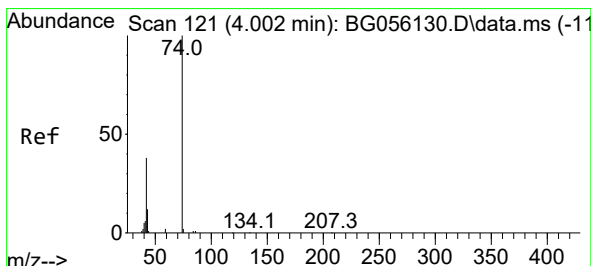
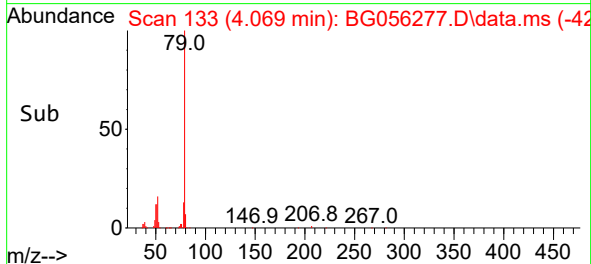
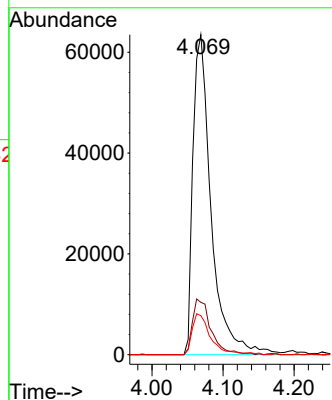
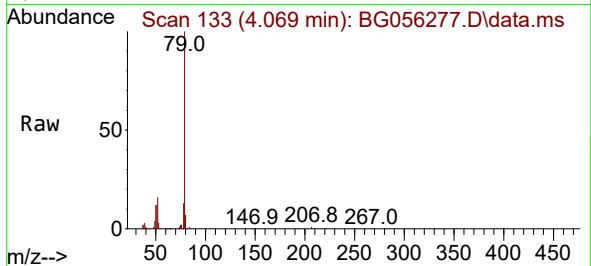




#3
 Pyridine
 Concen: 27.787 ng
 RT: 4.069 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BG056277.D
 Acq: 13 Jan 2023 14:26

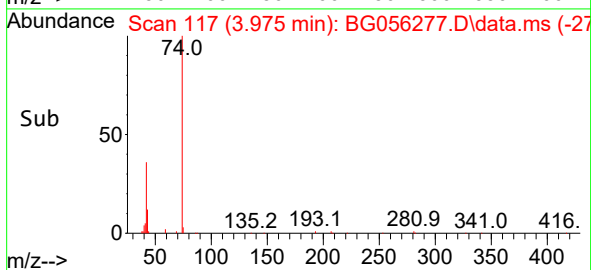
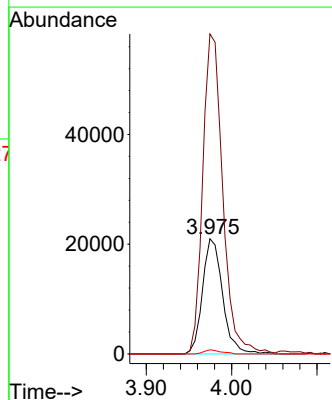
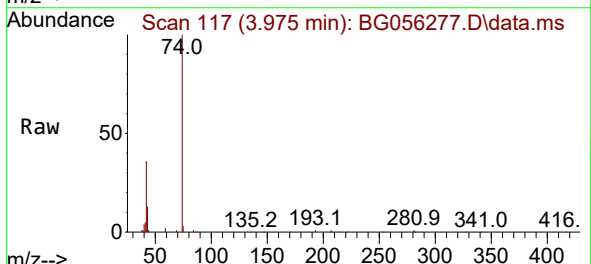
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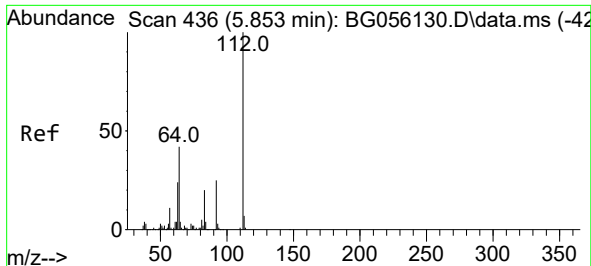
Tgt Ion: 79 Resp: 113260
 Ion Ratio Lower Upper
 79 100
 52 16.3 11.8 17.6
 51 12.2 8.8 13.2



#4
 n-Nitrosodimethylamine
 Concen: 41.493 ng
 RT: 3.975 min Scan# 117
 Delta R.T. -0.000 min
 Lab File: BG056277.D
 Acq: 13 Jan 2023 14:26

Tgt Ion: 42 Resp: 34403
 Ion Ratio Lower Upper
 42 100
 74 277.8 212.6 319.0
 44 3.7 2.6 3.8

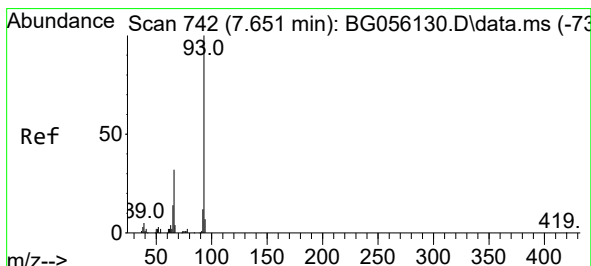
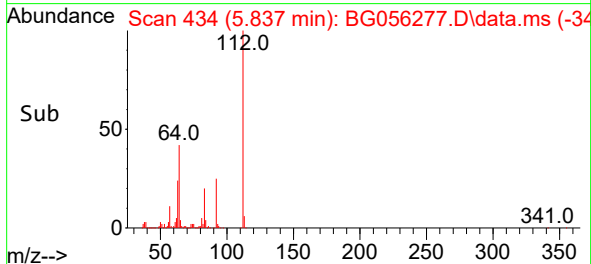
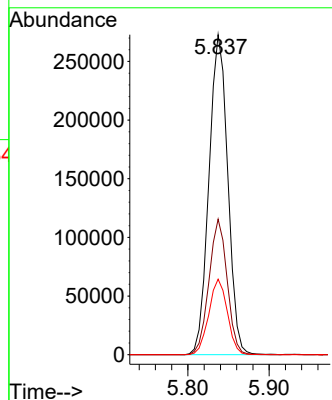
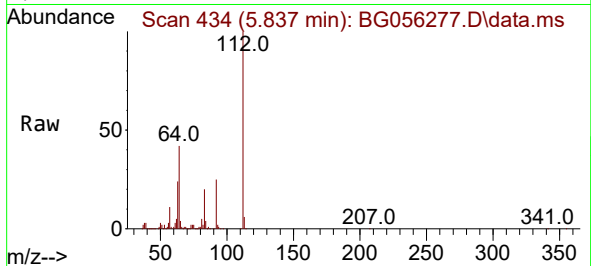




#5
2-Fluorophenol
Concen: 149.562 ng
RT: 5.837 min Scan# 41
Delta R.T. 0.012 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

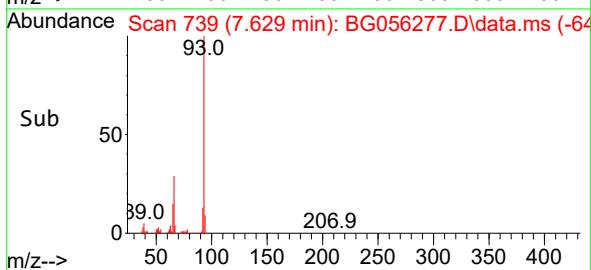
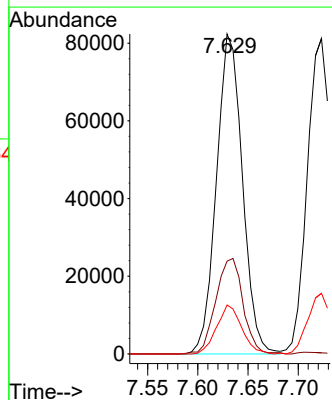
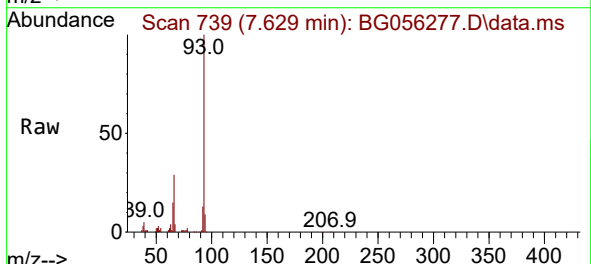
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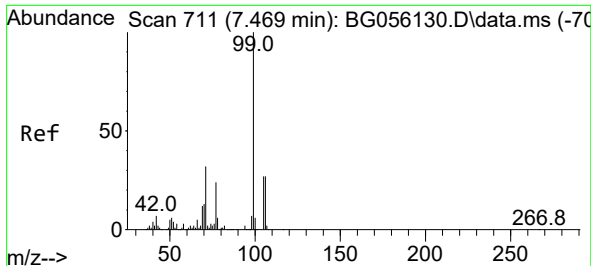
Tgt Ion:112 Resp: 438199
Ion Ratio Lower Upper
112 100
64 42.4 33.3 49.9
63 23.6 19.0 28.4



#6
Aniline
Concen: 25.078 ng
RT: 7.629 min Scan# 739
Delta R.T. -0.000 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

Tgt Ion: 93 Resp: 147975
Ion Ratio Lower Upper
93 100
66 29.0 25.4 38.2
65 15.3 11.4 17.2

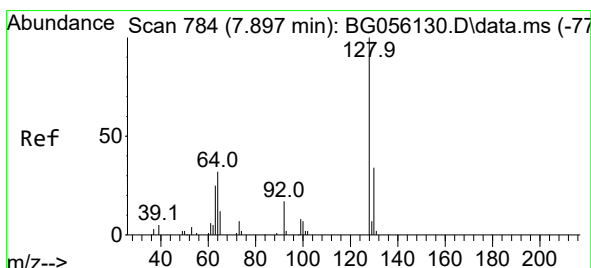
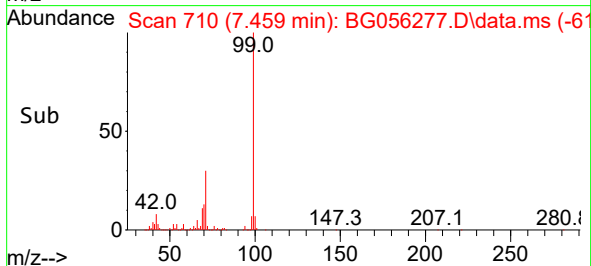
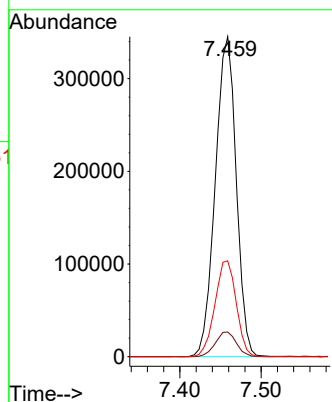
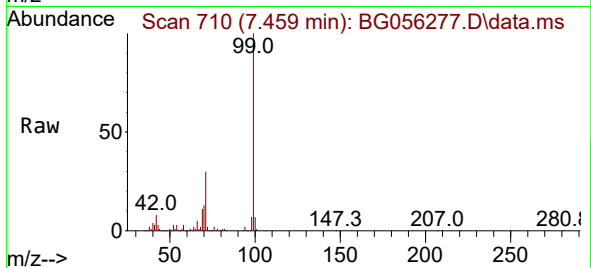




#7
Phenol-d6
Concen: 137.366 ng
RT: 7.459 min Scan# 711
Delta R.T. 0.012 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

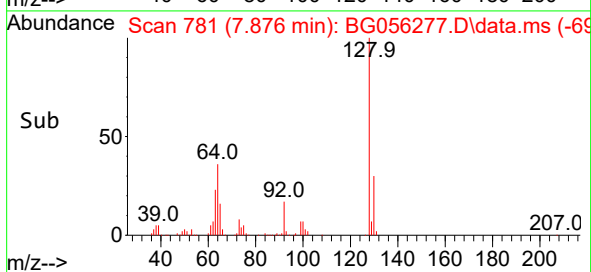
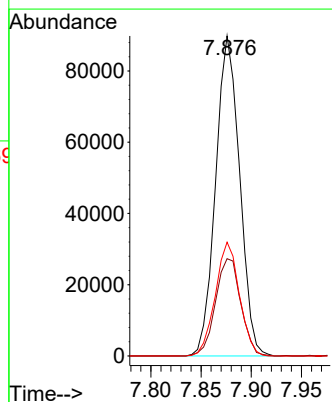
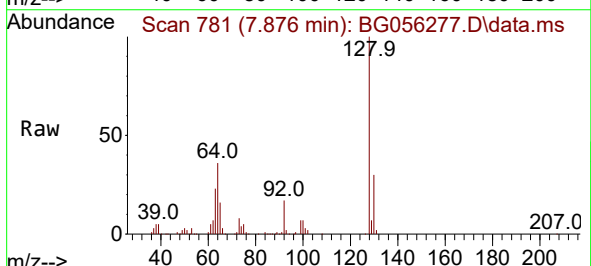
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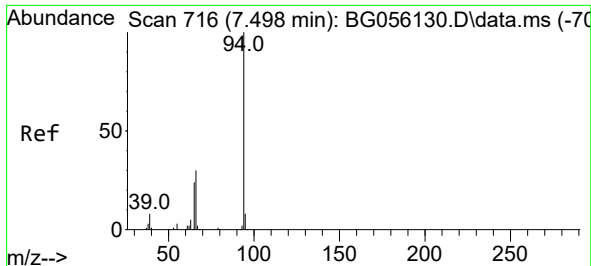
Tgt Ion: 99 Resp: 618073
Ion Ratio Lower Upper
99 100
42 7.7 5.9 8.9
71 30.0 25.4 38.2



#8
2-Chlorophenol
Concen: 51.147 ng
RT: 7.876 min Scan# 781
Delta R.T. 0.006 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

Tgt Ion:128 Resp: 149122
Ion Ratio Lower Upper
128 100
130 30.4 13.5 53.5
64 35.6 18.0 58.0

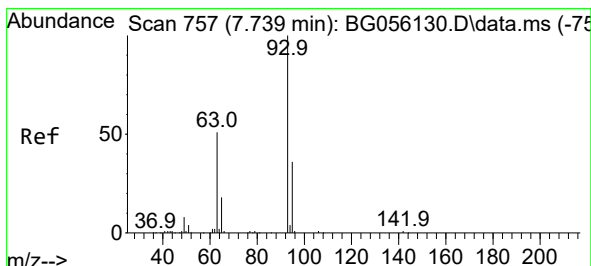
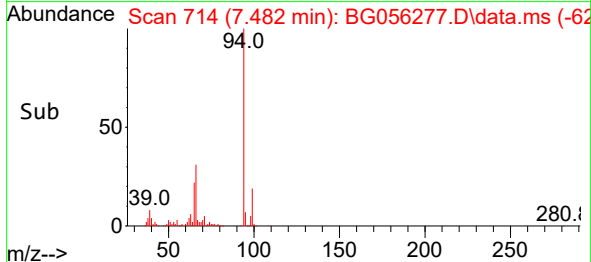
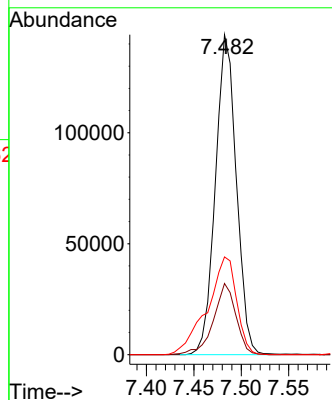
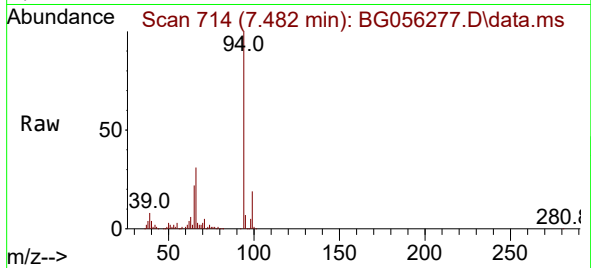




#10
Phenol
Concen: 48.583 ng
RT: 7.482 min Scan# 714
Delta R.T. 0.006 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

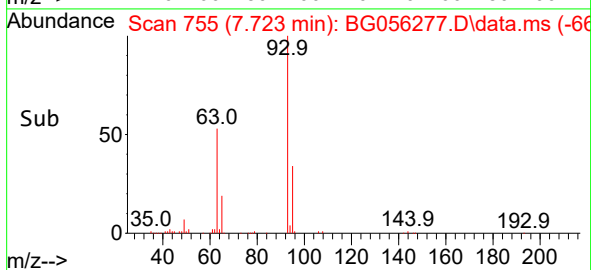
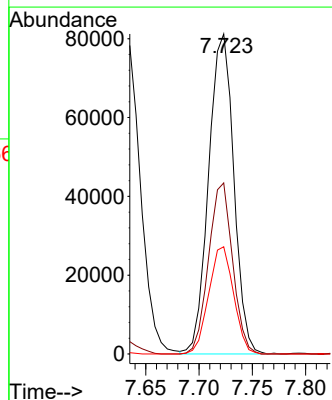
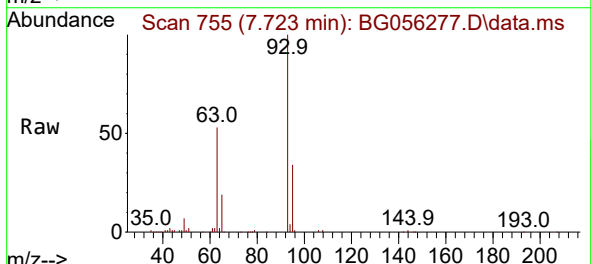
Instrument :
BNA_G
ClientSampleId :
PB150241BS

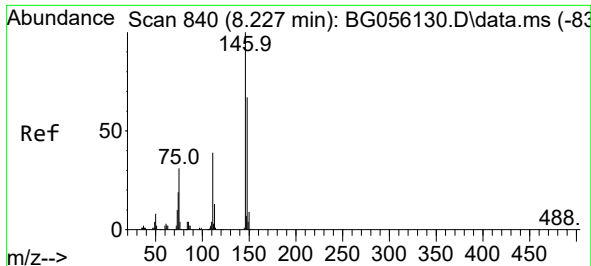
Tgt Ion: 94 Resp: 221687
Ion Ratio Lower Upper
94 100
65 22.3 4.3 44.3
66 30.6 13.2 53.2



#11
bis(2-Chloroethyl)ether
Concen: 43.101 ng
RT: 7.723 min Scan# 755
Delta R.T. 0.006 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

Tgt Ion: 93 Resp: 133281
Ion Ratio Lower Upper
93 100
63 53.4 30.5 70.5
95 33.5 15.9 55.9





#12

1,3-Dichlorobenzene

Concen: 47.195 ng

RT: 8.211 min Scan# 81

Delta R.T. 0.006 min

Lab File: BG056277.D

Acq: 13 Jan 2023 14:26

Instrument :

BNA_G

ClientSampleId :

PB150241BS

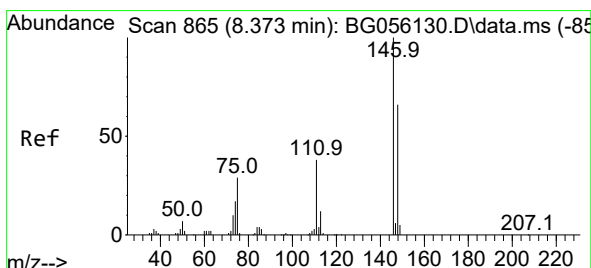
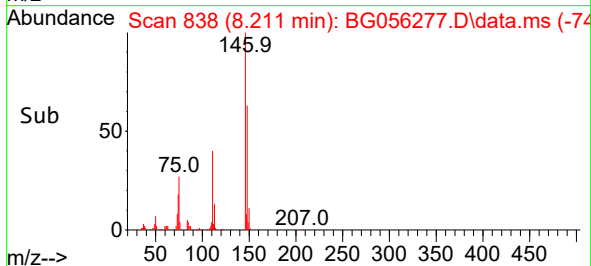
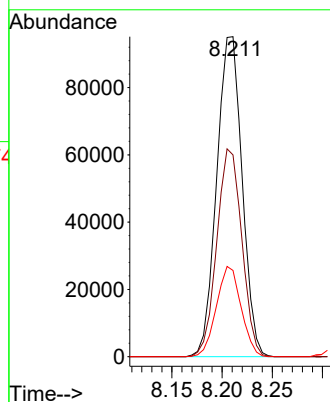
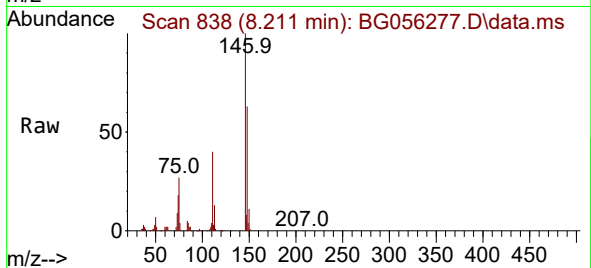
Tgt Ion:146 Resp: 167465

Ion Ratio Lower Upper

146 100

148 63.1 53.5 80.3

75 27.0 24.8 37.2



#13

1,4-Dichlorobenzene

Concen: 47.196 ng

RT: 8.352 min Scan# 862

Delta R.T. -0.000 min

Lab File: BG056277.D

Acq: 13 Jan 2023 14:26

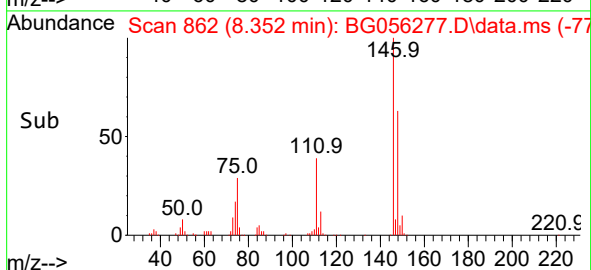
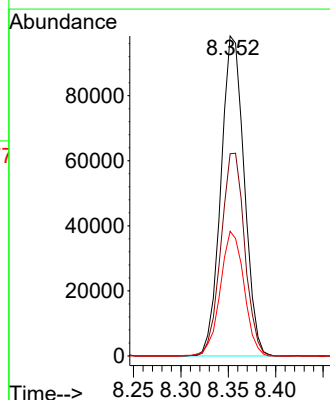
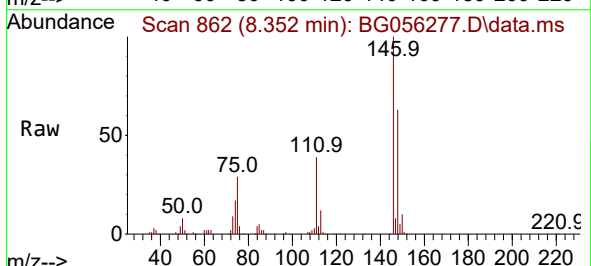
Tgt Ion:146 Resp: 168172

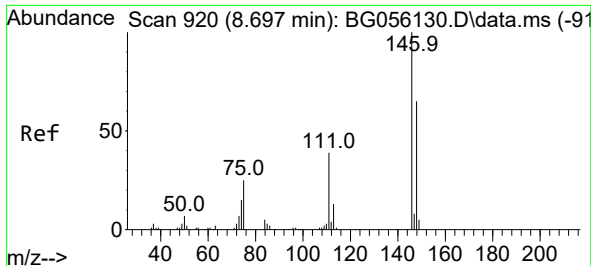
Ion Ratio Lower Upper

146 100

148 63.2 52.8 79.2

111 38.9 30.5 45.7

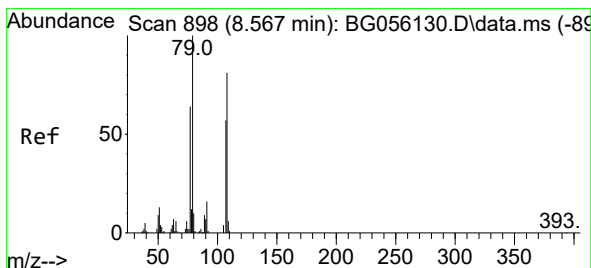
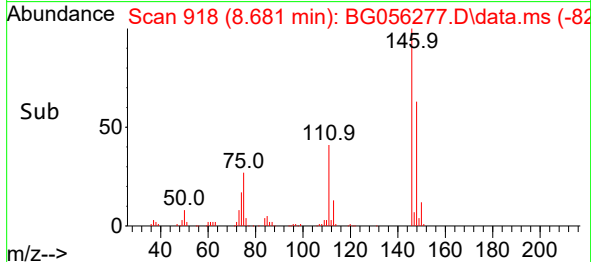
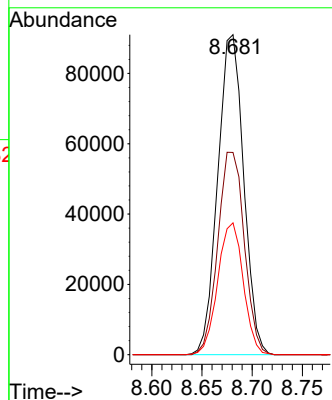
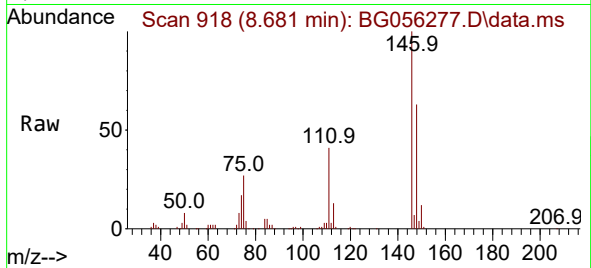




#14
1,2-Dichlorobenzene
Concen: 47.526 ng
RT: 8.681 min Scan# 918
Delta R.T. 0.006 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

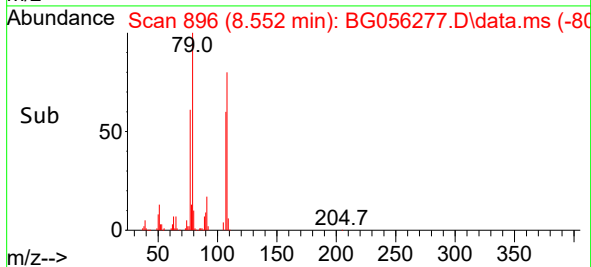
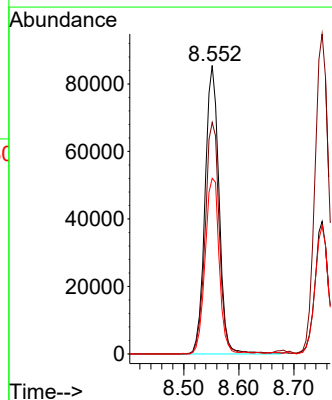
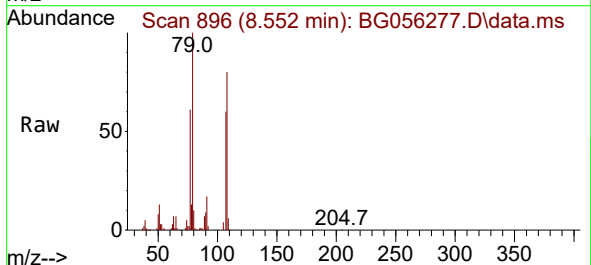
Instrument :
BNA_G
ClientSampleId :
PB150241BS

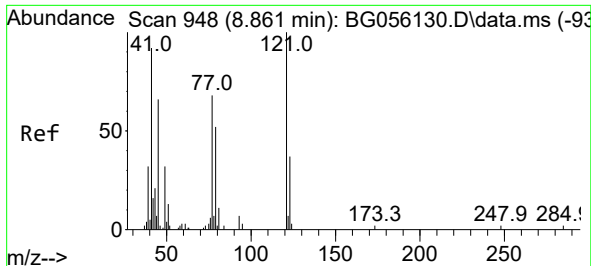
Tgt Ion:146 Resp: 163403
Ion Ratio Lower Upper
146 100
148 63.2 51.7 77.5
111 41.2 31.5 47.3



#15
Benzyl Alcohol
Concen: 46.091 ng
RT: 8.552 min Scan# 896
Delta R.T. 0.006 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

Tgt Ion: 79 Resp: 150934
Ion Ratio Lower Upper
79 100
108 80.2 64.7 97.1
77 60.9 51.5 77.3

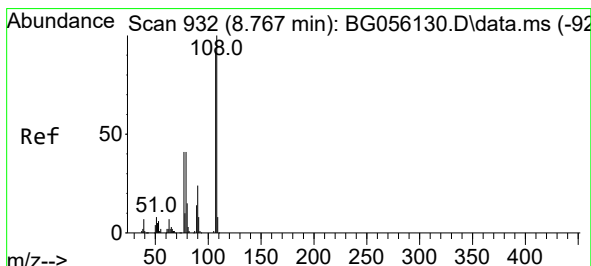
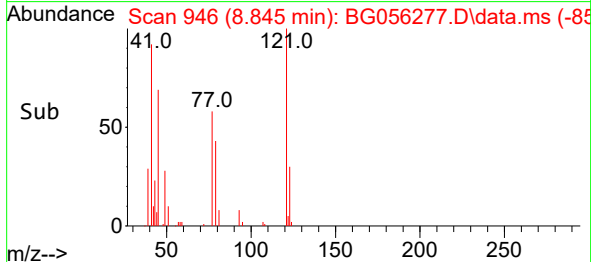
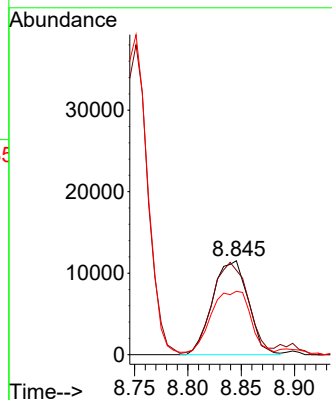
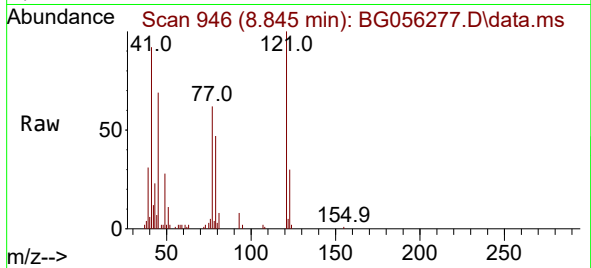




#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.115 ng
RT: 8.845 min Scan# 948
Delta R.T. 0.006 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

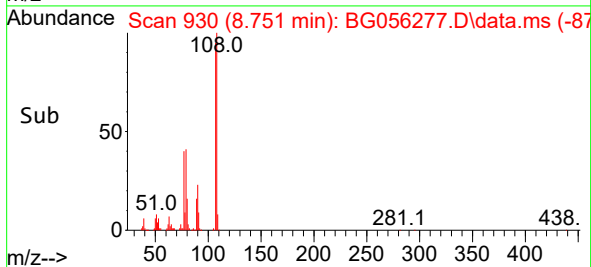
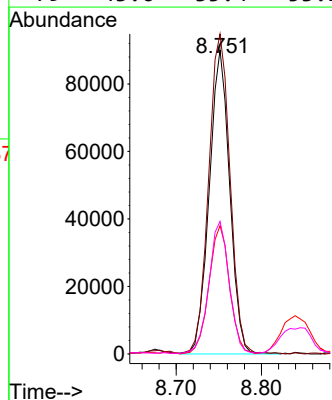
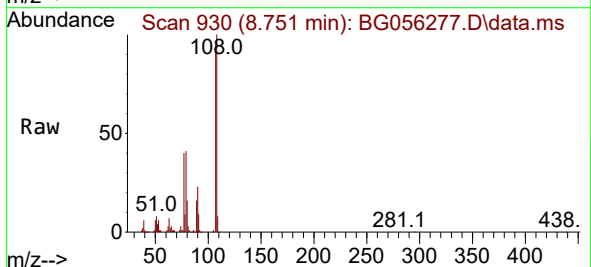
Instrument :
BNA_G
ClientSampleId :
PB150241BS

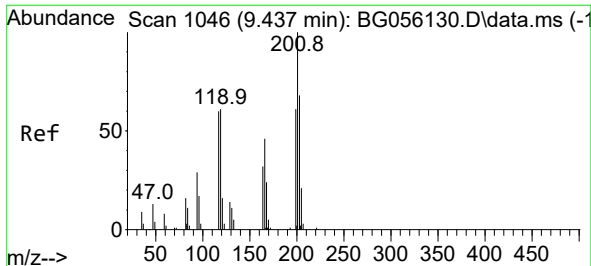
Tgt Ion: 45 Resp: 26839
Ion Ratio Lower Upper
45 100
77 90.0 88.2 128.2
79 67.5 61.2 101.2



#17
2-Methylphenol
Concen: 44.762 ng
RT: 8.751 min Scan# 930
Delta R.T. 0.006 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

Tgt Ion: 107 Resp: 149876
Ion Ratio Lower Upper
107 100
108 105.3 86.6 129.8
77 42.2 35.4 53.2
79 43.6 35.4 53.2

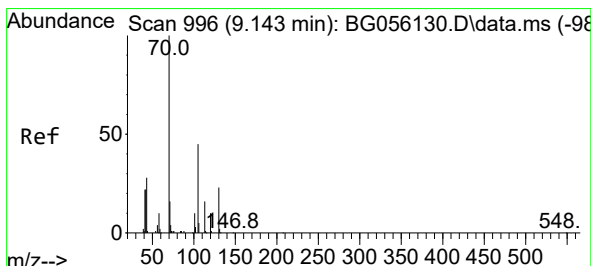
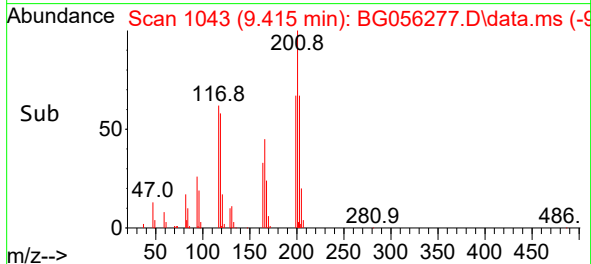
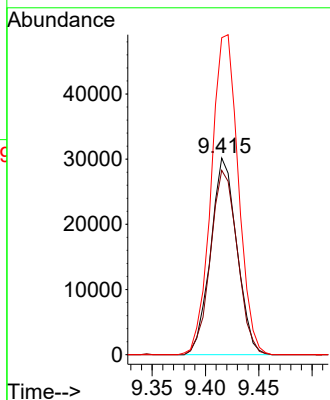
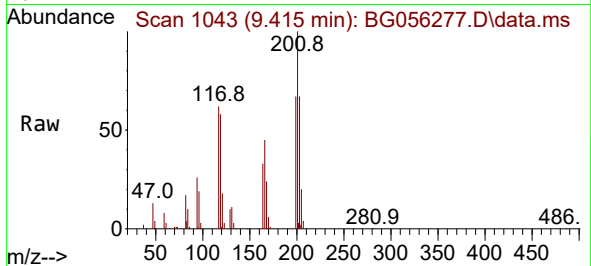




#18
Hexachloroethane
Concen: 47.626 ng
RT: 9.415 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

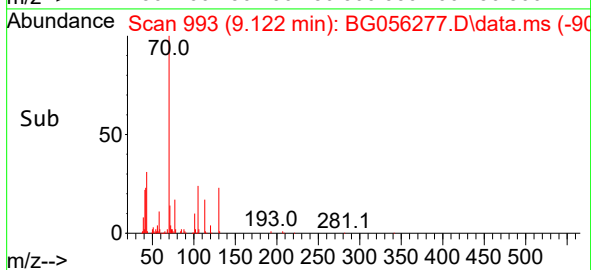
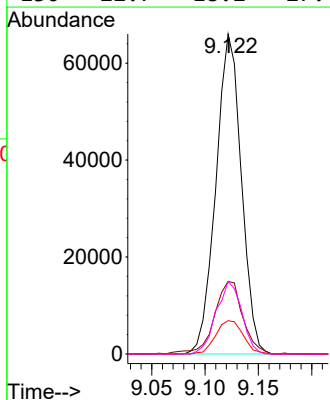
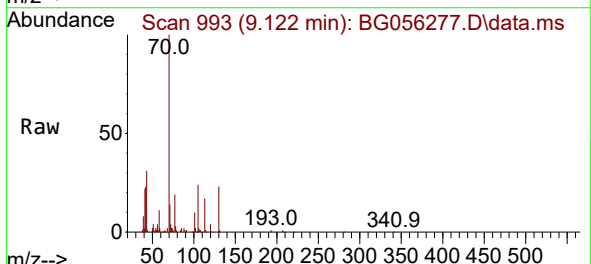
Instrument :
BNA_G
ClientSampleId :
PB150241BS

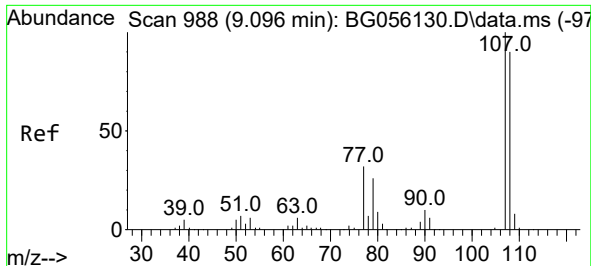
Tgt Ion:117 Resp: 51554
Ion Ratio Lower Upper
117 100
119 94.7 81.8 122.6
201 161.2 134.2 201.2



#19
n-Nitroso-di-n-propylamine
Concen: 39.958 ng
RT: 9.122 min Scan# 993
Delta R.T. 0.006 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

Tgt Ion: 70 Resp: 109329
Ion Ratio Lower Upper
70 100
42 22.6 18.2 27.2
101 10.4 8.3 12.5
130 22.7 18.2 27.4

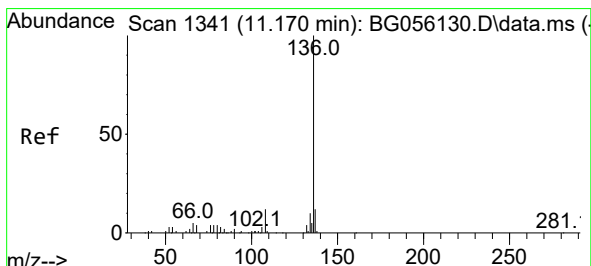
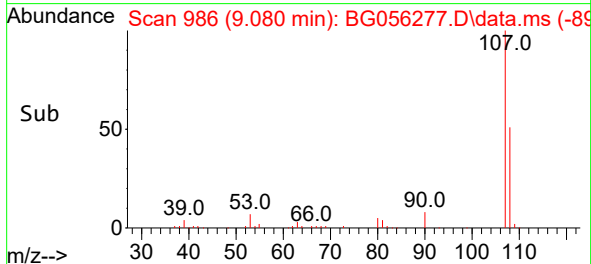
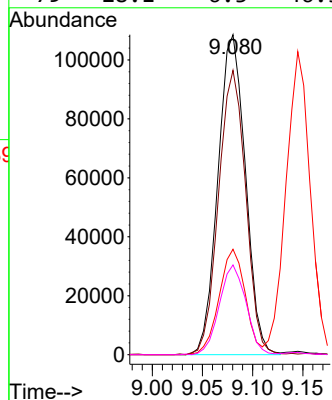
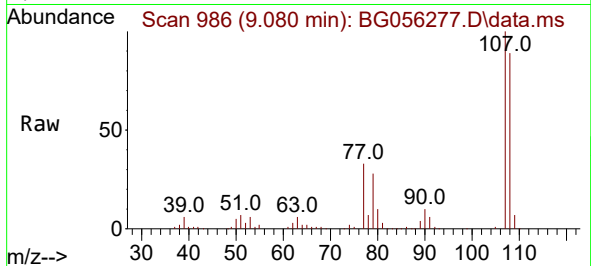




#20
3+4-Methylphenols
Concen: 43.844 ng
RT: 9.080 min Scan# 91
Delta R.T. 0.006 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

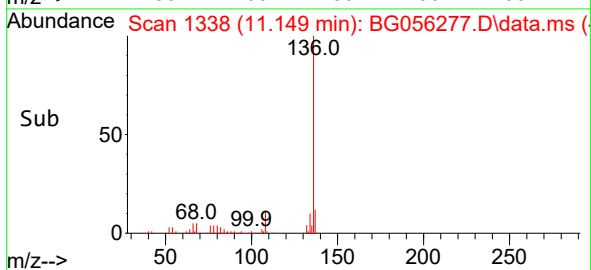
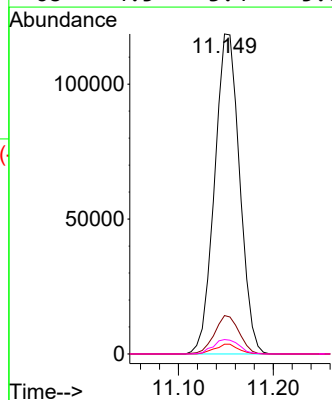
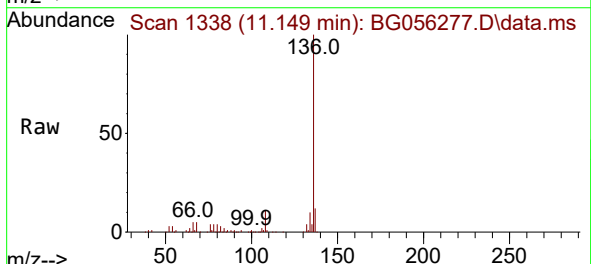
Instrument :
BNA_G
ClientSampleId :
PB150241BS

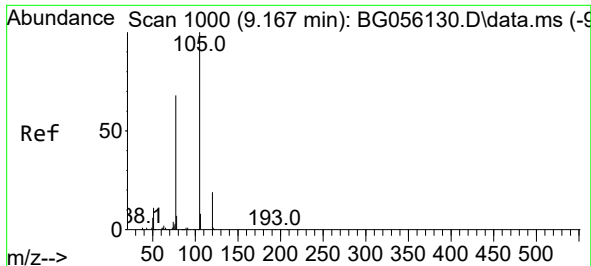
Tgt Ion:107 Resp: 206394
Ion Ratio Lower Upper
107 100
108 88.9 69.6 109.6
77 33.0 11.7 51.7
79 28.1 6.3 46.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.149 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

Tgt Ion:136 Resp: 217755
Ion Ratio Lower Upper
136 100
137 12.0 9.4 14.0
54 3.1 2.2 3.2
68 4.5 3.4 5.0

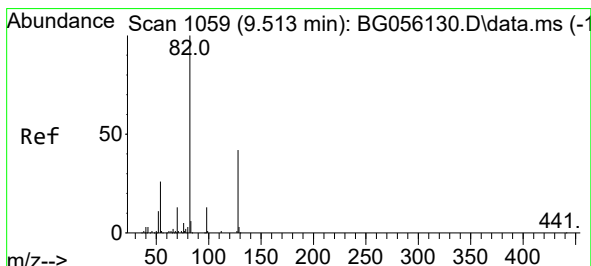
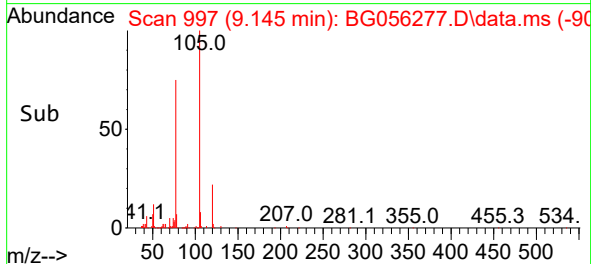
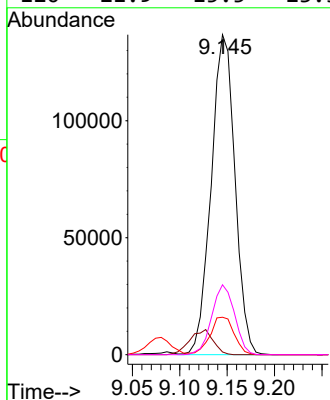
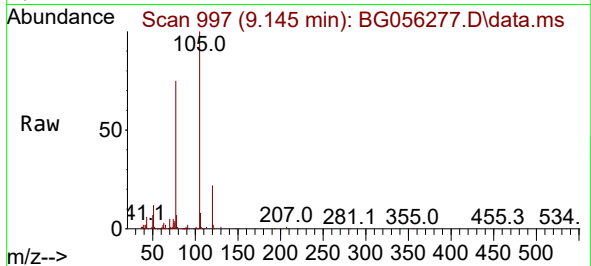




#22
Acetophenone
Concen: 38.835 ng
RT: 9.145 min Scan# 91
Delta R.T. 0.006 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

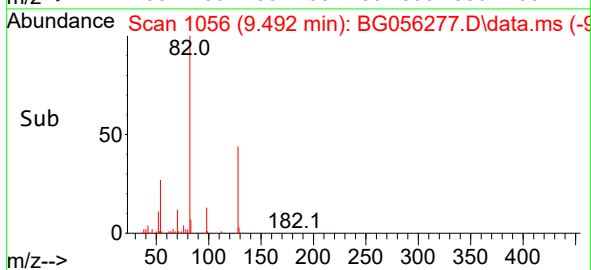
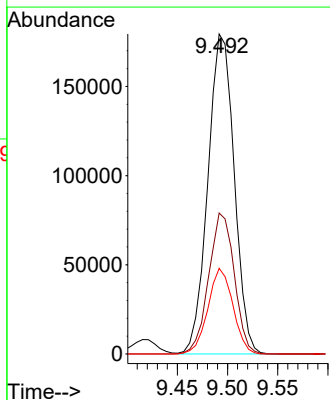
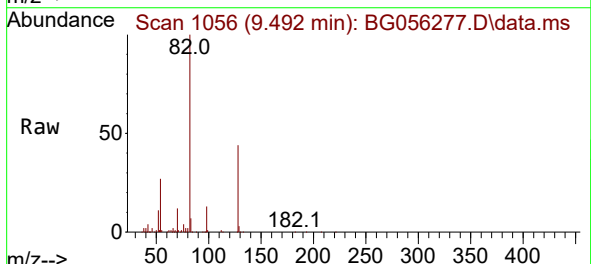
Instrument :
BNA_G
ClientSampleId :
PB150241BS

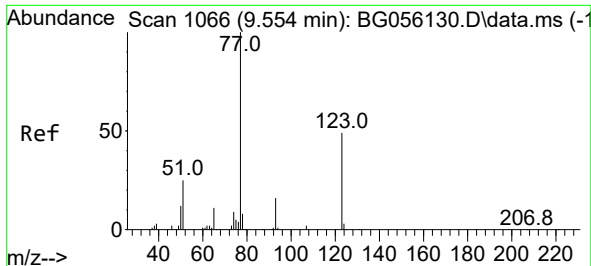
Tgt Ion:105 Resp: 239112
Ion Ratio Lower Upper
105 100
71 0.8 0.5 0.7#
51 11.7 9.3 13.9
120 21.9 15.5 23.3



#23
Nitrobenzene-d5
Concen: 76.888 ng
RT: 9.492 min Scan# 1056
Delta R.T. -0.000 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

Tgt Ion: 82 Resp: 327316
Ion Ratio Lower Upper
82 100
128 44.1 33.4 50.2
54 26.8 20.3 30.5

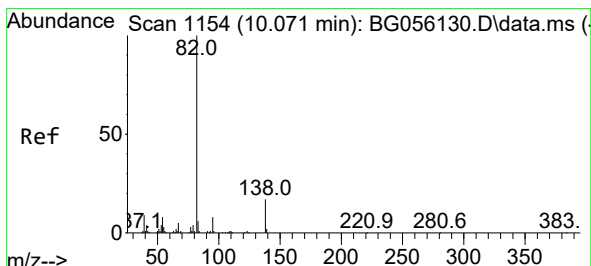
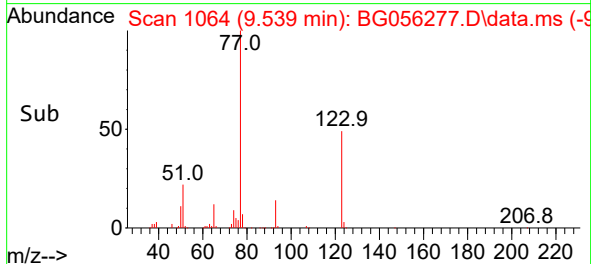
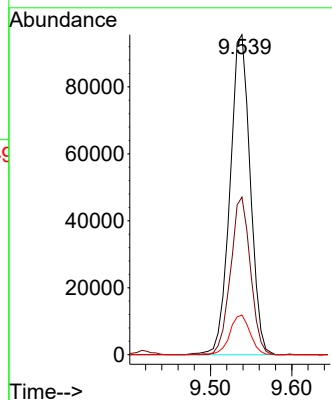
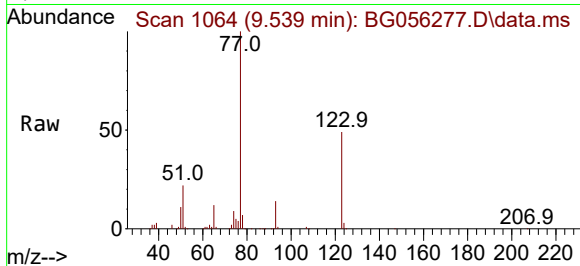




#24
Nitrobenzene
Concen: 39.166 ng
RT: 9.539 min Scan# 1064
Delta R.T. 0.006 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

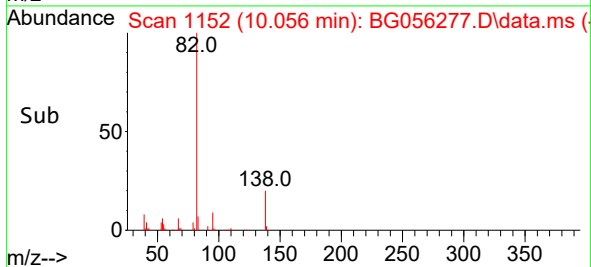
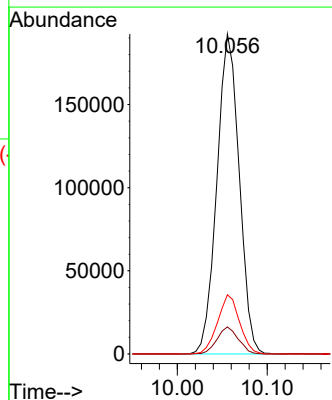
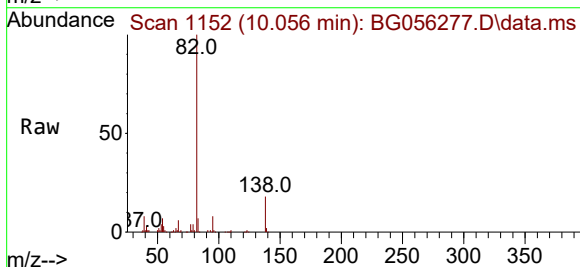
Instrument :
BNA_G
ClientSampleId :
PB150241BS

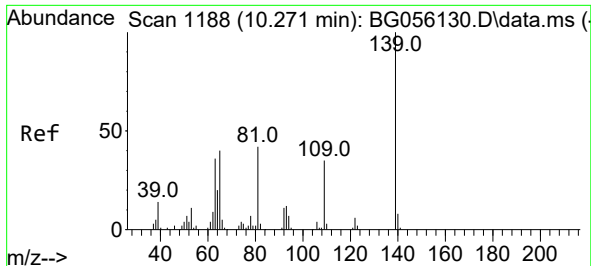
Tgt Ion: 77 Resp: 165234
Ion Ratio Lower Upper
77 100
123 49.2 38.8 58.2
65 12.4 9.1 13.7



#25
Isophorone
Concen: 37.061 ng
RT: 10.056 min Scan# 1152
Delta R.T. 0.006 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

Tgt Ion: 82 Resp: 331951
Ion Ratio Lower Upper
82 100
95 8.4 6.7 10.1
138 18.5 13.7 20.5

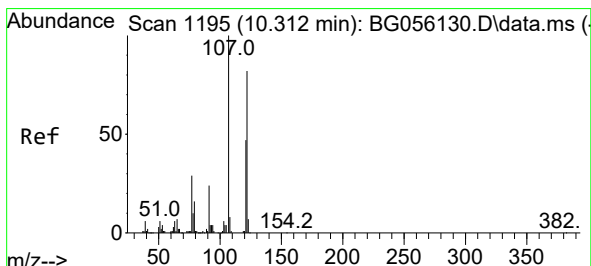
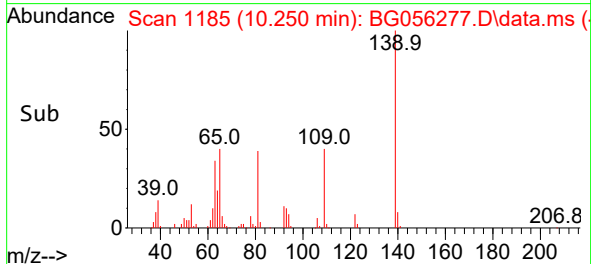
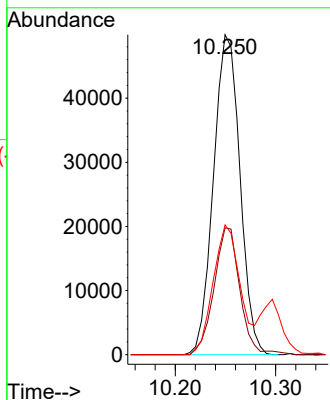
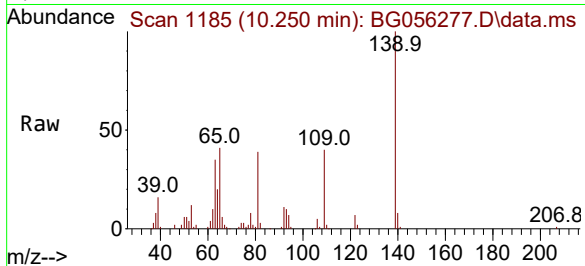




#26
2-Nitrophenol
Concen: 42.349 ng
RT: 10.250 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

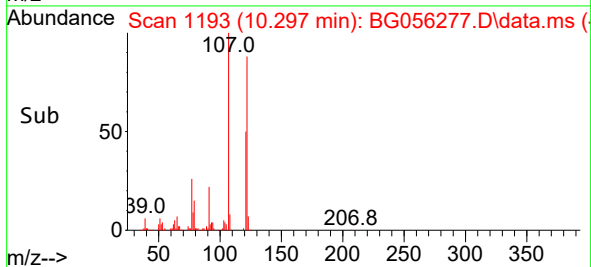
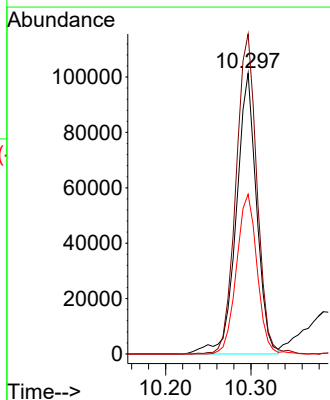
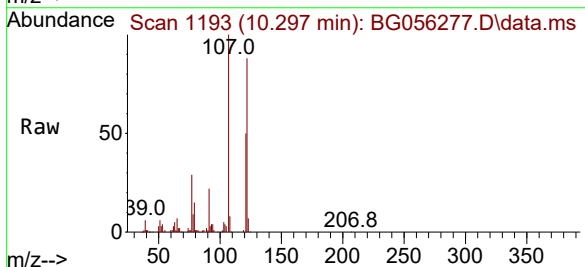
Instrument :
BNA_G
ClientSampleId :
PB150241BS

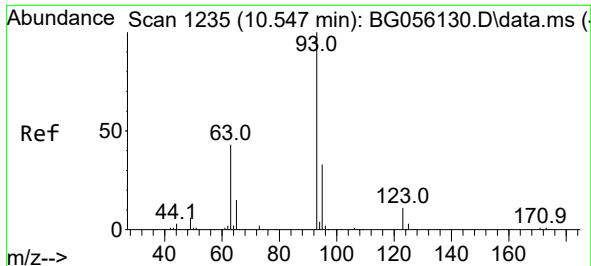
Tgt Ion:139 Resp: 91412
Ion Ratio Lower Upper
139 100
109 39.6 28.4 42.6
65 40.6 32.1 48.1



#27
2,4-Dimethylphenol
Concen: 42.514 ng
RT: 10.297 min Scan# 1193
Delta R.T. 0.006 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

Tgt Ion:122 Resp: 167375
Ion Ratio Lower Upper
122 100
107 114.0 97.5 146.3
121 56.9 45.9 68.9

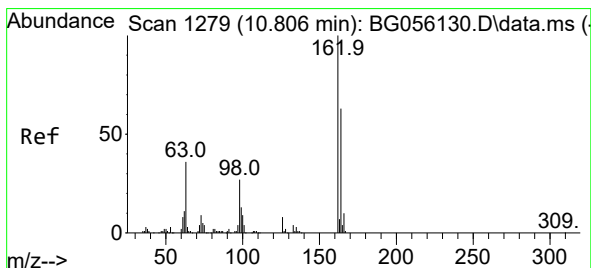
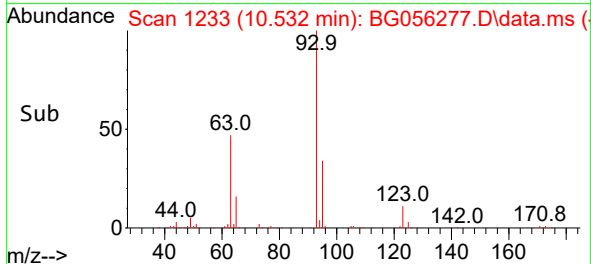
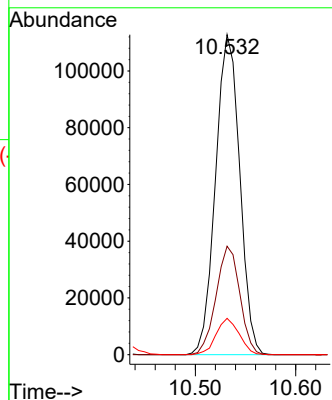
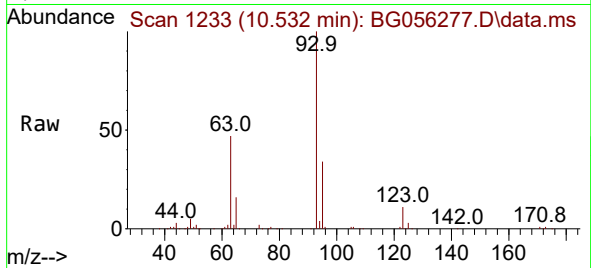




#28
bis(2-Chloroethoxy)methane
Concen: 40.483 ng
RT: 10.532 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

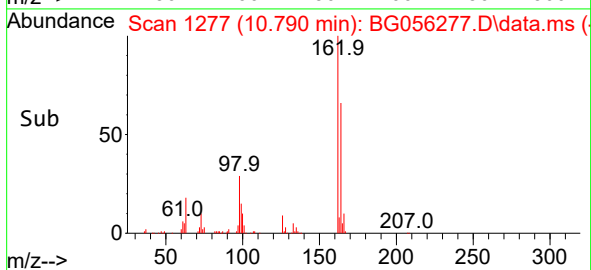
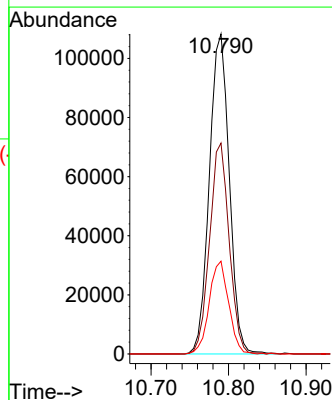
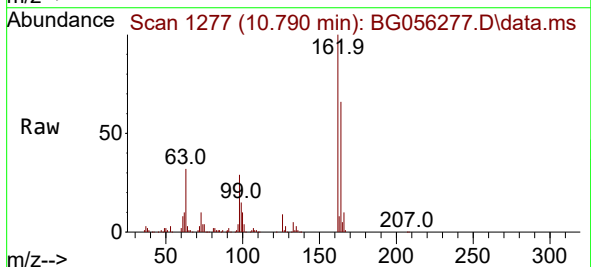
Instrument :
BNA_G
ClientSampleId :
PB150241BS

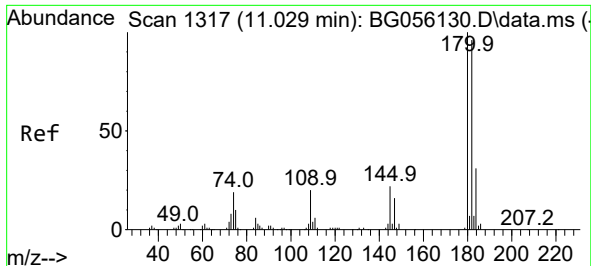
Tgt Ion: 93 Resp: 188460
Ion Ratio Lower Upper
93 100
95 33.9 26.2 39.2
123 11.3 9.0 13.6



#29
2,4-Dichlorophenol
Concen: 44.433 ng
RT: 10.790 min Scan# 1277
Delta R.T. 0.006 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

Tgt Ion:162 Resp: 193398
Ion Ratio Lower Upper
162 100
164 65.9 43.3 83.3
98 29.0 6.8 46.8

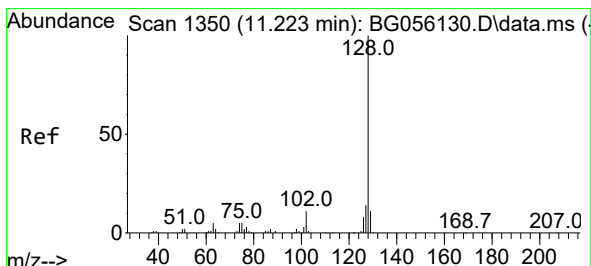
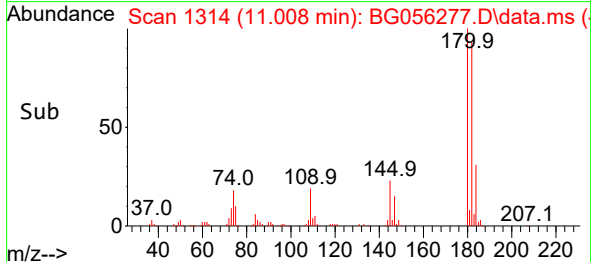
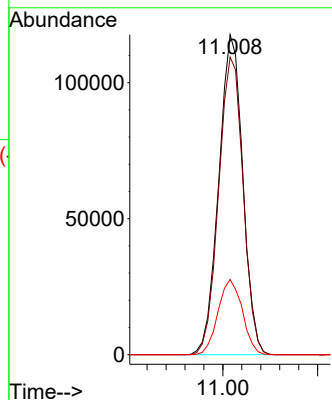
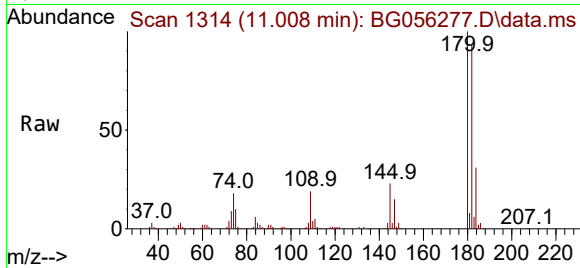




#30
1,2,4-Trichlorobenzene
Concen: 41.882 ng
RT: 11.008 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

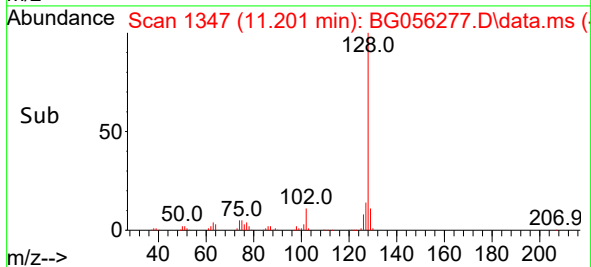
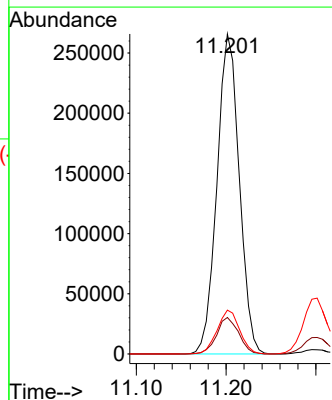
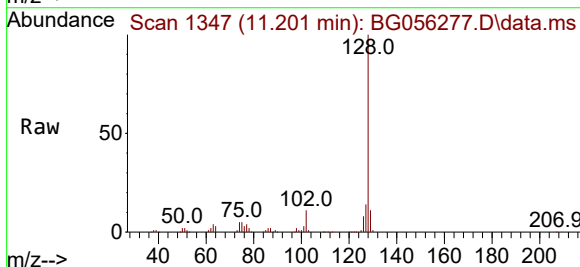
Instrument :
BNA_G
ClientSampleId :
PB150241BS

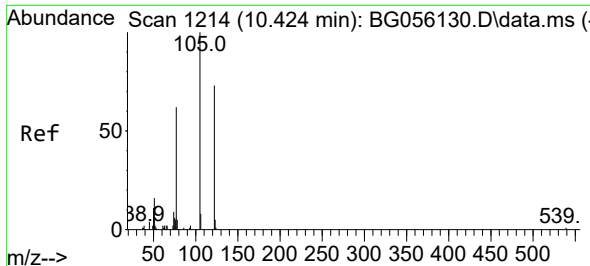
Tgt Ion:180 Resp: 206867
Ion Ratio Lower Upper
180 100
182 93.0 77.0 115.4
145 23.5 17.4 26.2



#31
Naphthalene
Concen: 39.987 ng
RT: 11.201 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

Tgt Ion:128 Resp: 458257
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.7 11.2 16.8

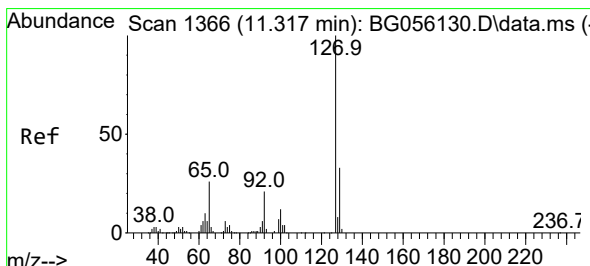
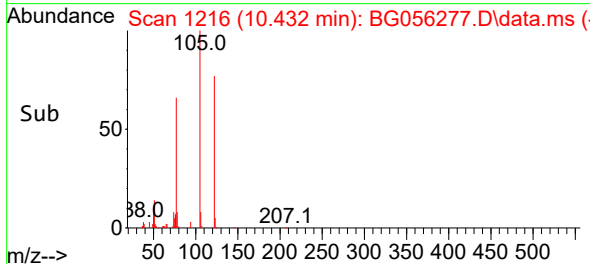
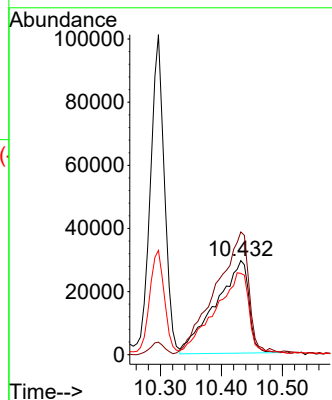
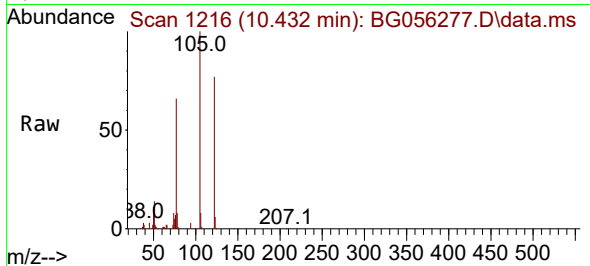




#32
Benzoic acid
Concen: 38.157 ng
RT: 10.432 min Scan# 11
Delta R.T. 0.017 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

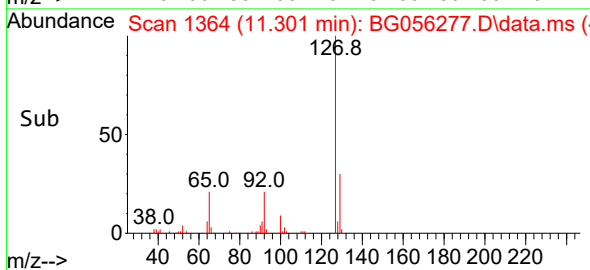
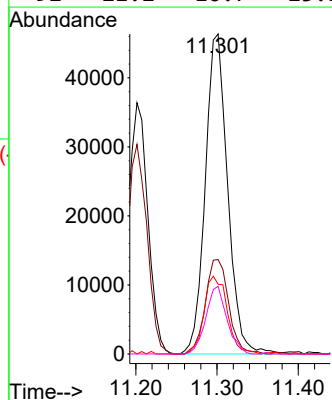
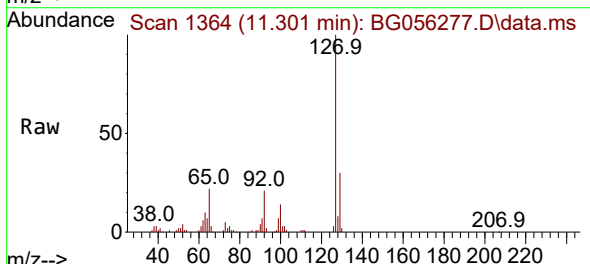
Instrument :
BNA_G
ClientSampleId :
PB150241BS

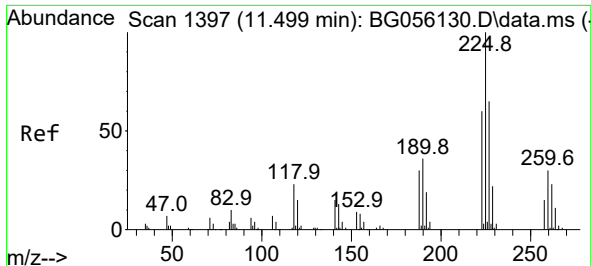
Tgt Ion:122 Resp: 111462
Ion Ratio Lower Upper
122 100
105 130.6 109.0 149.0
77 86.5 63.1 103.1



#33
4-Chloroaniline
Concen: 16.214 ng
RT: 11.301 min Scan# 1364
Delta R.T. 0.006 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

Tgt Ion:127 Resp: 88714
Ion Ratio Lower Upper
127 100
129 29.5 26.1 39.1
65 21.8 20.9 31.3
92 21.2 16.7 25.1

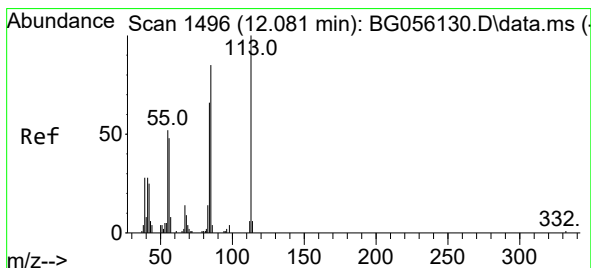
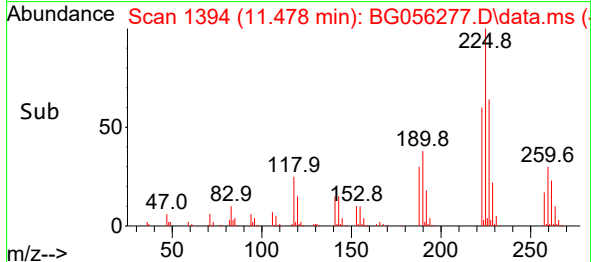
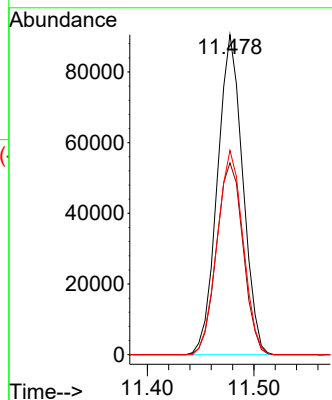
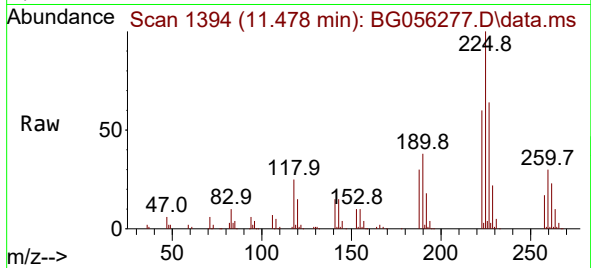




#34
Hexachlorobutadiene
Concen: 42.103 ng
RT: 11.478 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

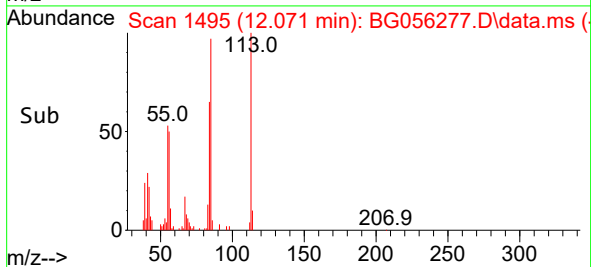
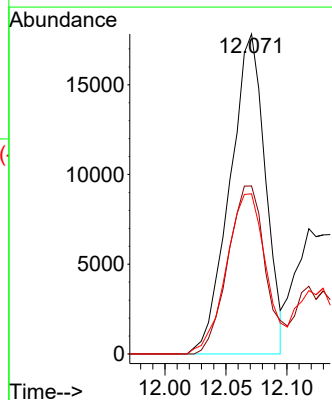
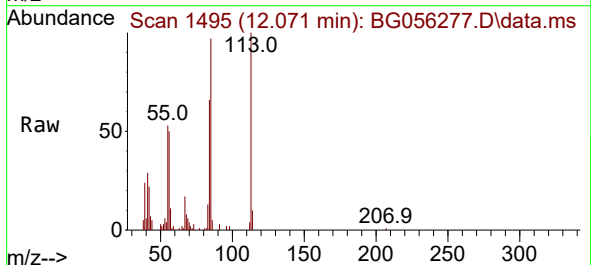
Instrument :
BNA_G
ClientSampleId :
PB150241BS

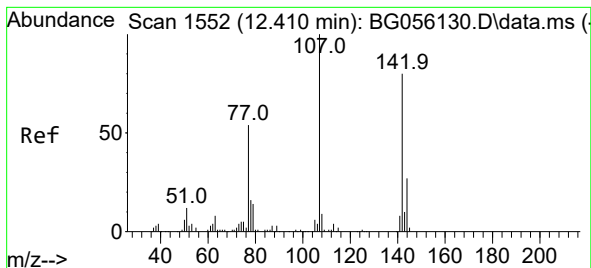
Tgt Ion:225 Resp: 149569
Ion Ratio Lower Upper
225 100
223 60.0 47.7 71.5
227 66.6 52.3 78.5



#35
Caprolactam
Concen: 24.489 ng
RT: 12.071 min Scan# 1495
Delta R.T. 0.012 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

Tgt Ion:113 Resp: 36088
Ion Ratio Lower Upper
113 100
55 52.5 31.9 71.9
56 50.0 27.6 67.6

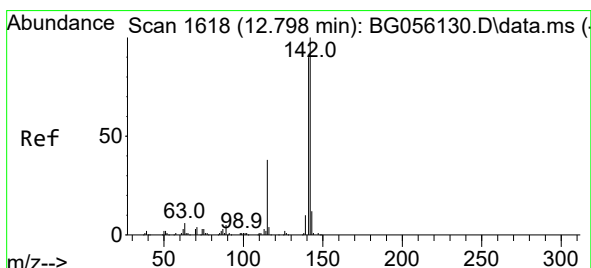
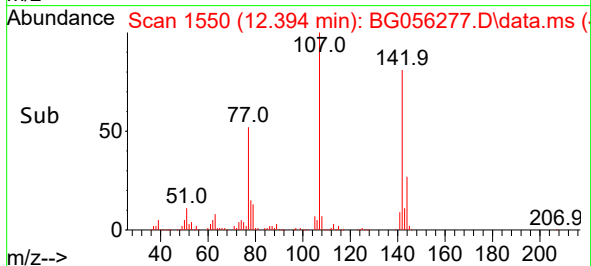
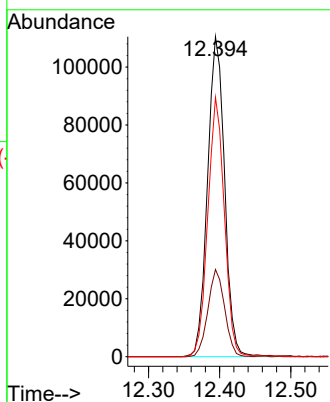
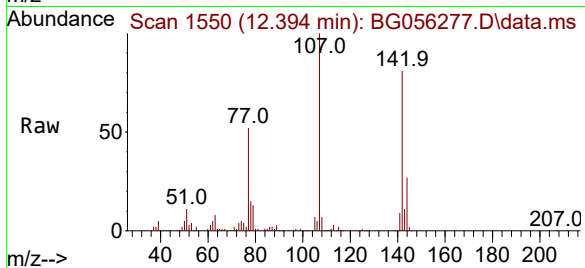




#36
4-Chloro-3-methylphenol
Concen: 41.775 ng
RT: 12.394 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

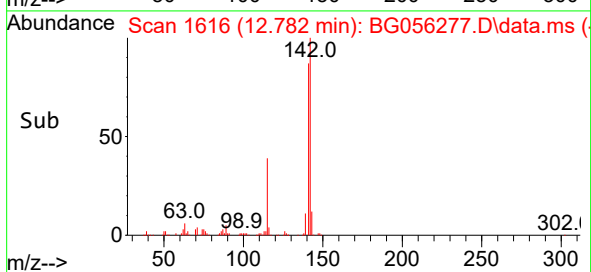
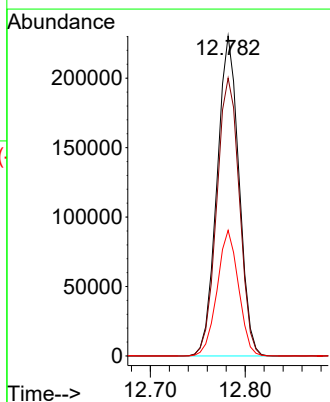
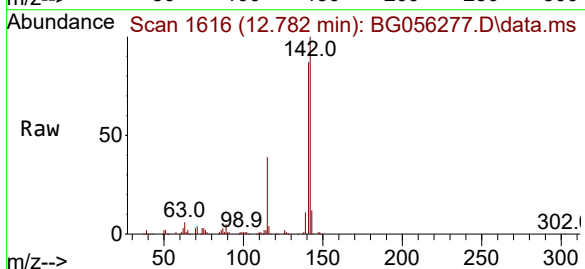
Instrument :
BNA_G
ClientSampleId :
PB150241BS

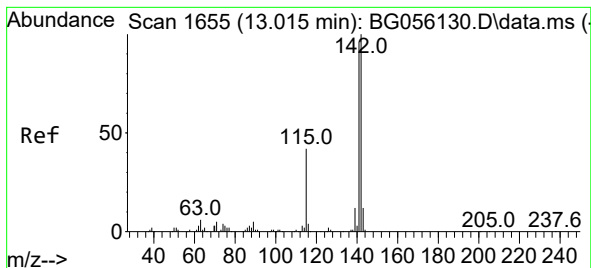
Tgt Ion:107 Resp: 184504
Ion Ratio Lower Upper
107 100
144 27.2 21.5 32.3
142 81.0 63.8 95.6



#37
2-Methylnaphthalene
Concen: 38.327 ng
RT: 12.782 min Scan# 1616
Delta R.T. 0.006 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

Tgt Ion:142 Resp: 370869
Ion Ratio Lower Upper
142 100
141 86.9 72.2 108.4
115 39.2 30.7 46.1

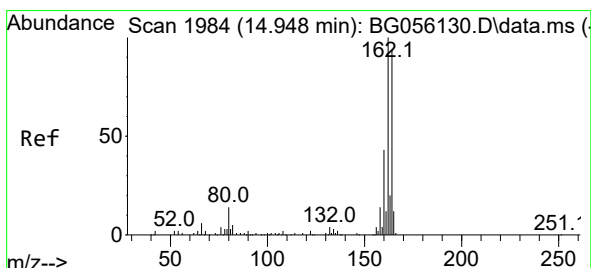
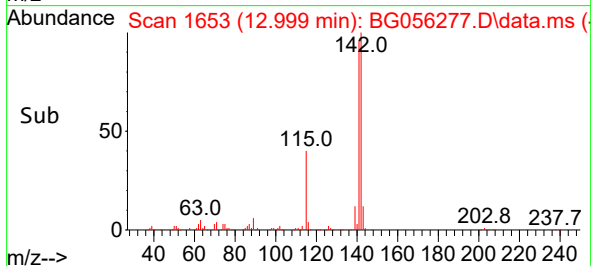
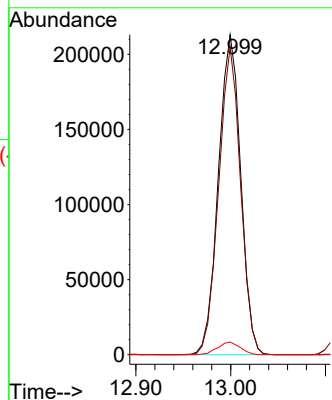
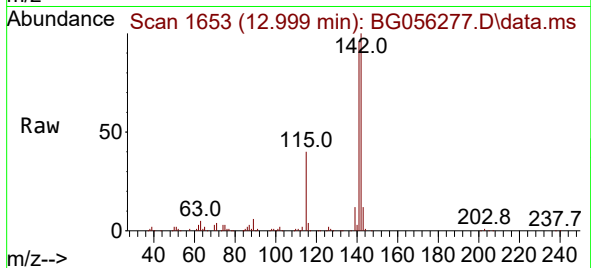




#38
1-Methylnaphthalene
Concen: 38.721 ng
RT: 12.999 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

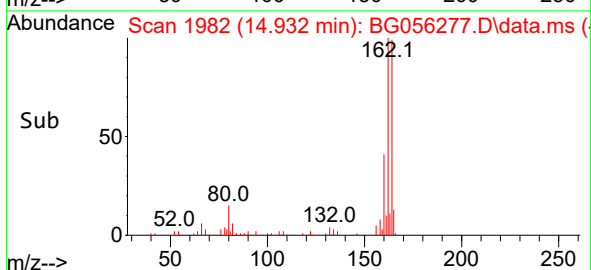
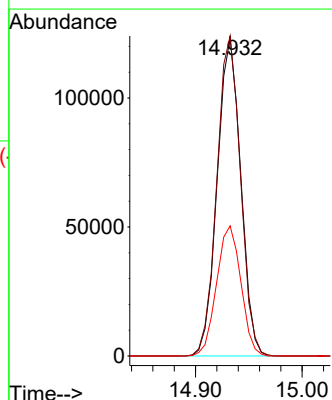
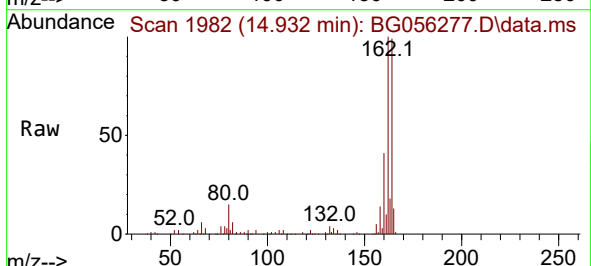
Instrument :
BNA_G
ClientSampleId :
PB150241BS

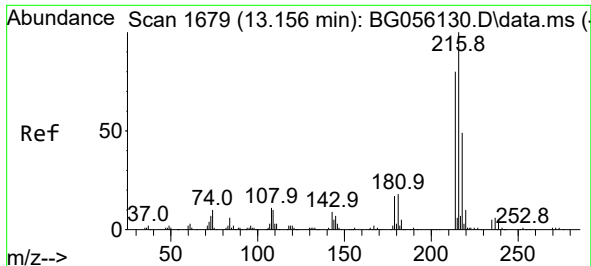
Tgt Ion:142 Resp: 347938
Ion Ratio Lower Upper
142 100
141 96.2 77.0 115.6
116 4.0 3.6 5.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.932 min Scan# 1982
Delta R.T. 0.006 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

Tgt Ion:164 Resp: 188279
Ion Ratio Lower Upper
164 100
162 100.6 84.7 127.1
160 40.9 36.3 54.5

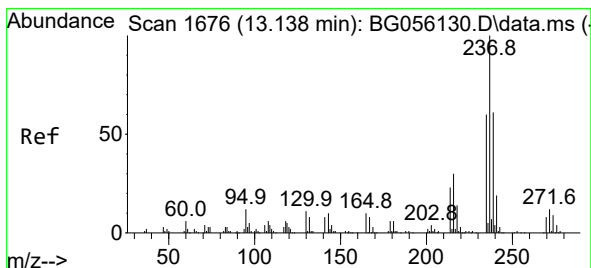
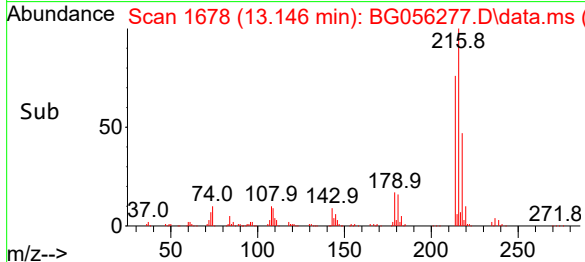
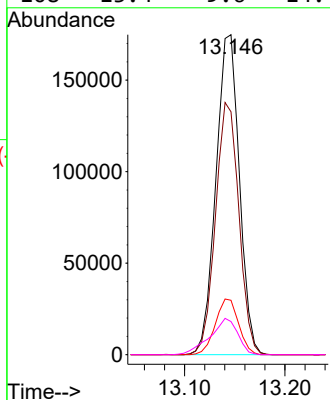
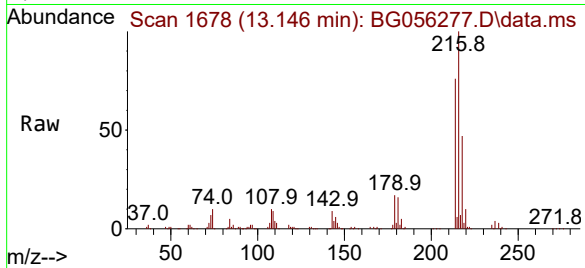




#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.140 ng
RT: 13.146 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

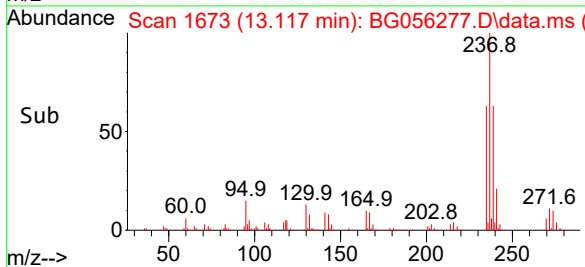
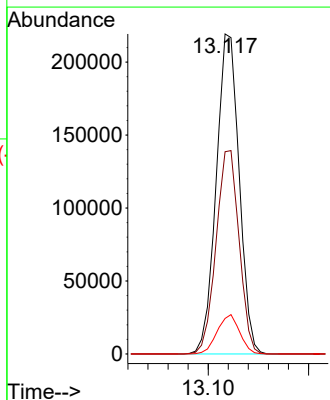
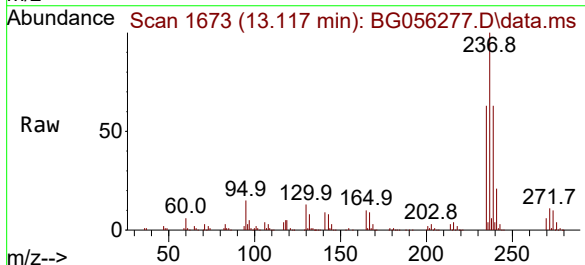
Instrument :
BNA_G
ClientSampleId :
PB150241BS

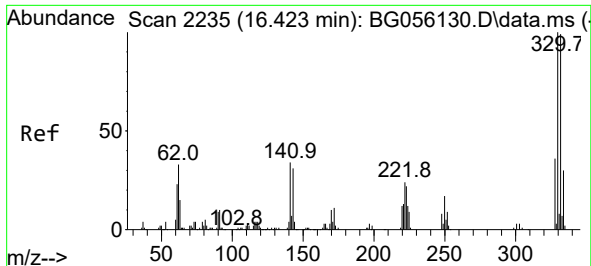
Tgt Ion:216 Resp: 283251
Ion Ratio Lower Upper
216 100
214 78.6 63.4 95.0
179 17.3 13.6 20.4
108 13.4 9.6 14.4



#41
Hexachlorocyclopentadiene
Concen: 86.365 ng
RT: 13.117 min Scan# 1673
Delta R.T. -0.000 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

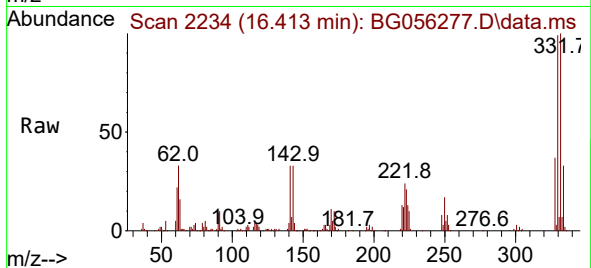
Tgt Ion:237 Resp: 347461
Ion Ratio Lower Upper
237 100
235 63.2 40.3 80.3
272 11.1 0.0 32.5



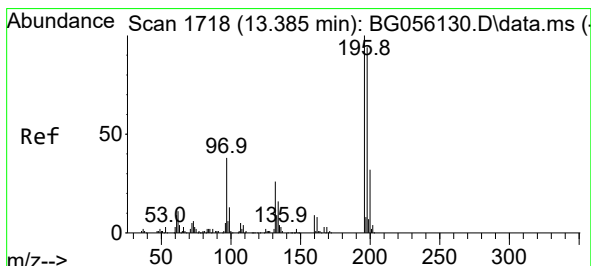
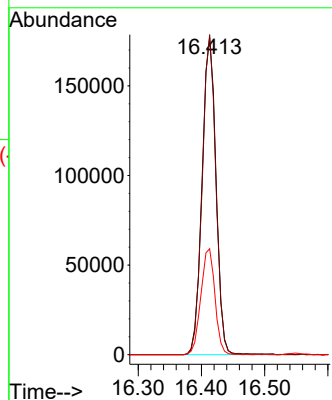
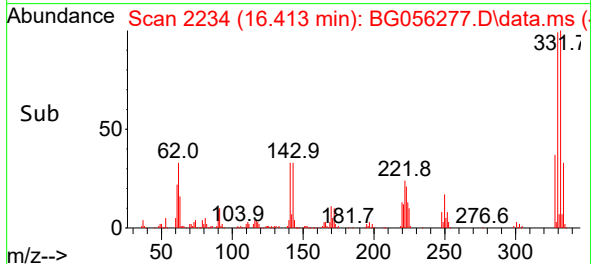


#42
2,4,6-Tribromophenol
Concen: 113.742 ng
RT: 16.413 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

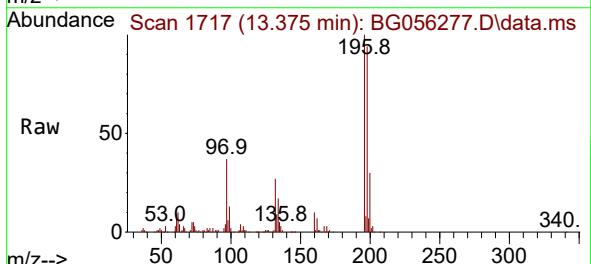
Instrument :
BNA_G
ClientSampleId :
PB150241BS



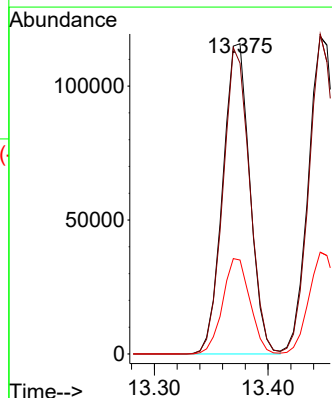
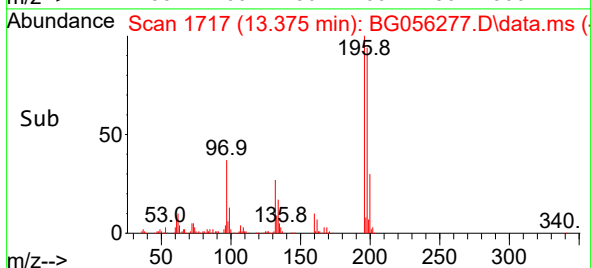
Tgt Ion:330 Resp: 271220
Ion Ratio Lower Upper
330 100
332 98.3 77.3 115.9
141 33.7 27.9 41.9

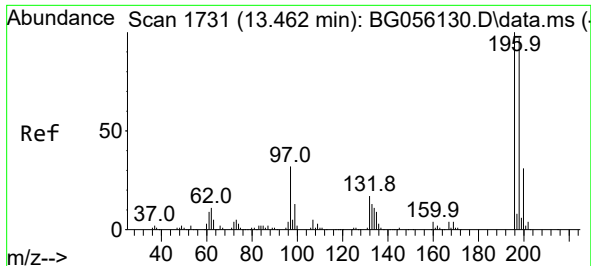


#43
2,4,6-Trichlorophenol
Concen: 41.111 ng
RT: 13.375 min Scan# 1717
Delta R.T. 0.006 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26



Tgt Ion:196 Resp: 191832
Ion Ratio Lower Upper
196 100
198 93.7 75.5 113.3
200 30.3 25.7 38.5

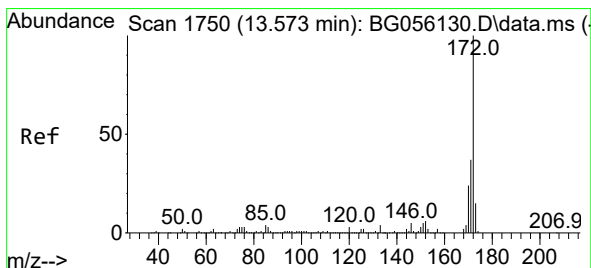
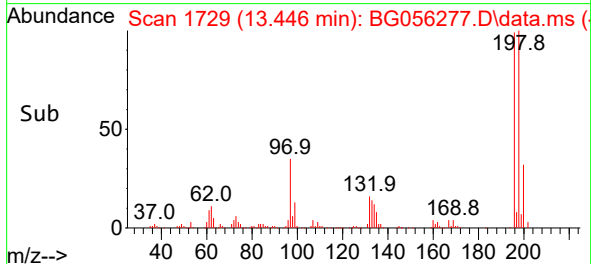
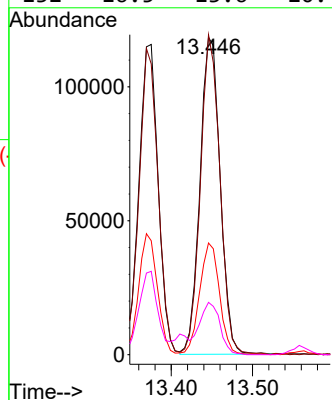
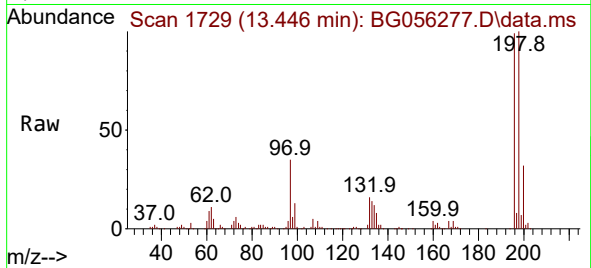




#44
2,4,5-Trichlorophenol
Concen: 37.111 ng
RT: 13.446 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

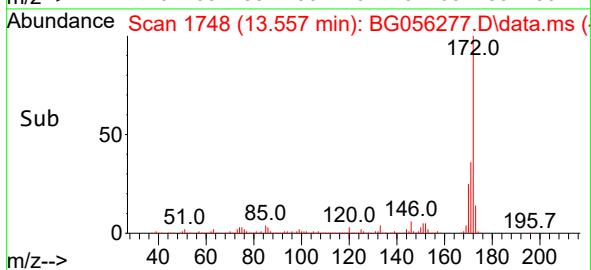
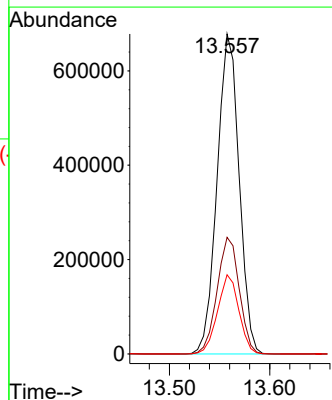
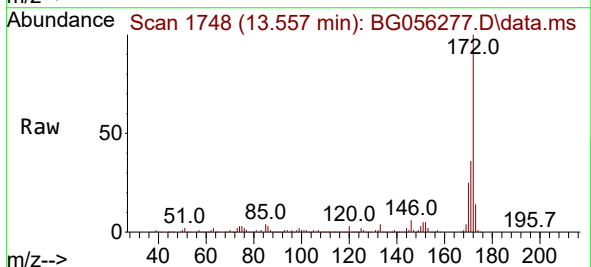
Instrument :
BNA_G
ClientSampleId :
PB150241BS

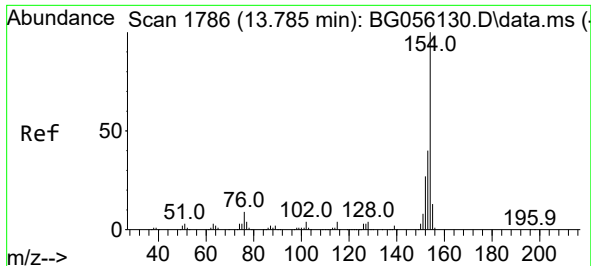
Tgt Ion:196 Resp: 204843
Ion Ratio Lower Upper
196 100
198 100.8 78.0 117.0
97 35.2 25.7 38.5
132 16.5 13.6 20.4



#45
2-Fluorobiphenyl
Concen: 75.723 ng
RT: 13.557 min Scan# 1748
Delta R.T. -0.000 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

Tgt Ion:172 Resp: 1032442
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.8 19.4 29.2

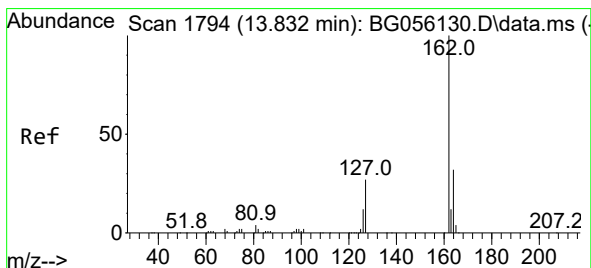
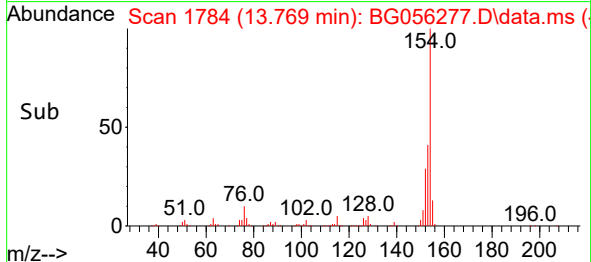
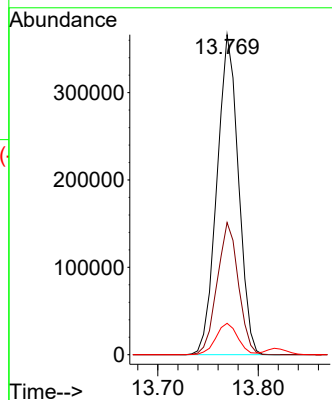
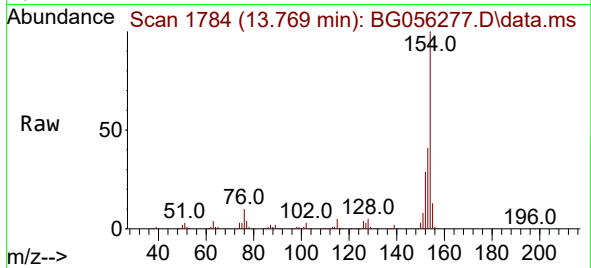




#46
1,1'-Biphenyl
Concen: 40.325 ng
RT: 13.769 min Scan# 1784
Delta R.T. -0.000 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

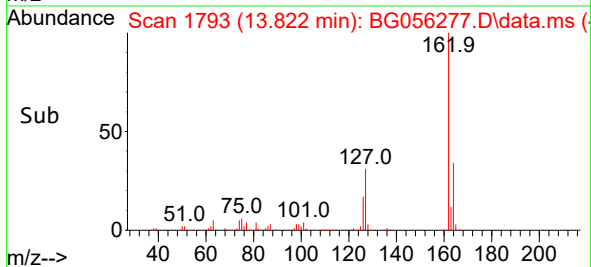
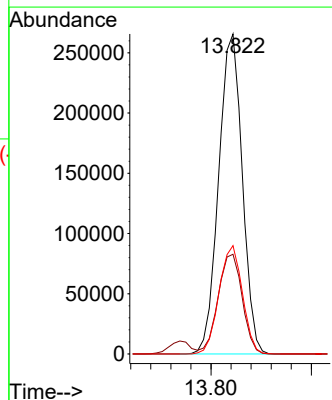
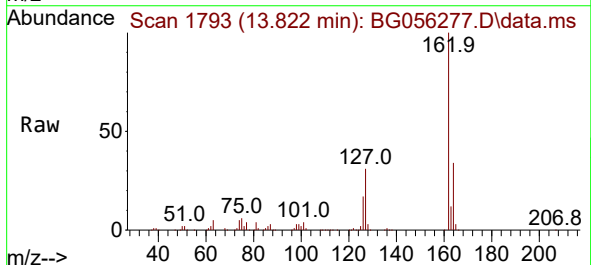
Instrument :
BNA_G
ClientSampleId :
PB150241BS

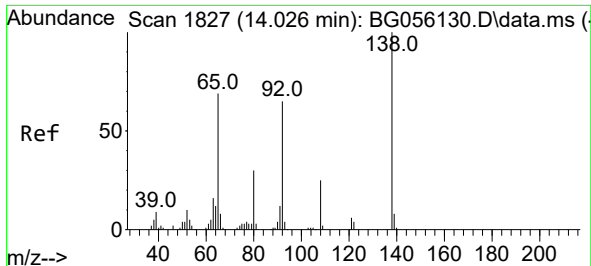
Tgt Ion:154 Resp: 543736
Ion Ratio Lower Upper
154 100
153 41.3 20.0 60.0
76 9.8 0.0 29.3



#47
2-Chloronaphthalene
Concen: 40.678 ng
RT: 13.822 min Scan# 1793
Delta R.T. 0.006 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

Tgt Ion:162 Resp: 432944
Ion Ratio Lower Upper
162 100
127 31.1 24.6 36.8
164 33.8 25.8 38.8

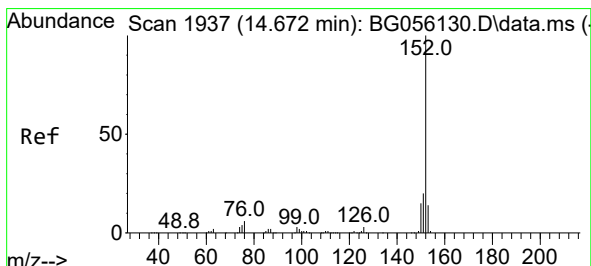
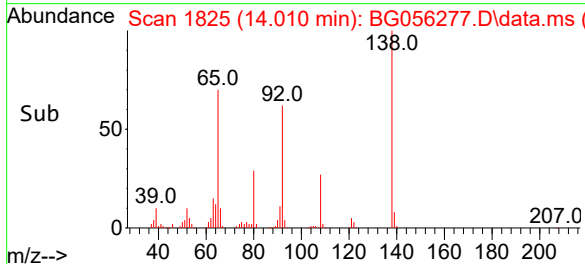
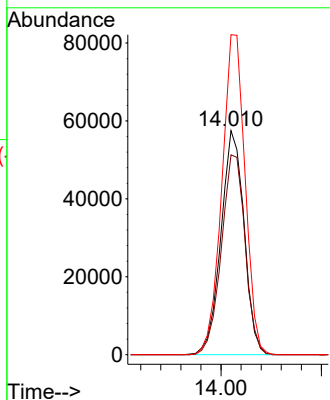
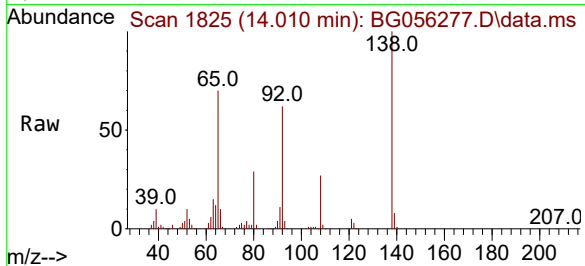




#48
2-Nitroaniline
Concen: 40.531 ng
RT: 14.010 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

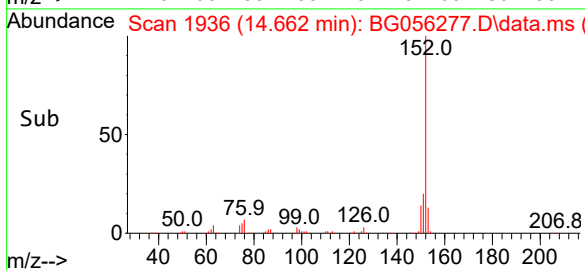
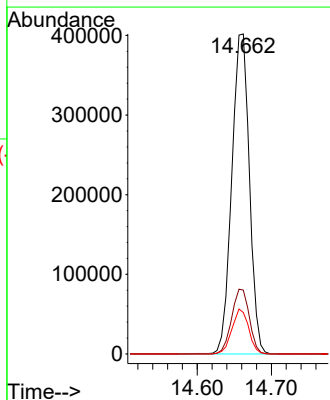
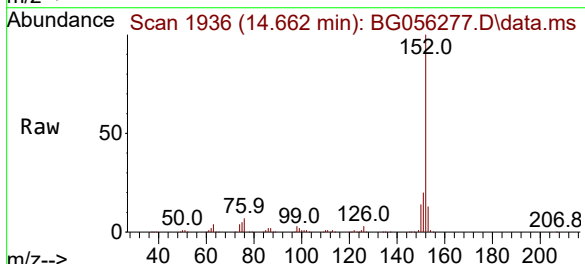
Instrument :
BNA_G
ClientSampleId :
PB150241BS

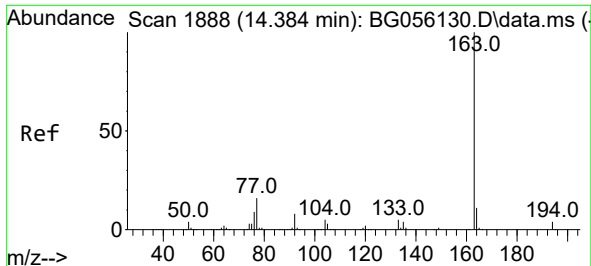
Tgt Ion: 65 Resp: 91909
Ion Ratio Lower Upper
65 100
92 89.2 76.0 114.0
138 142.8 116.6 174.8



#49
Acenaphthylene
Concen: 38.201 ng
RT: 14.662 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

Tgt Ion:152 Resp: 661627
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.0 11.0 16.6

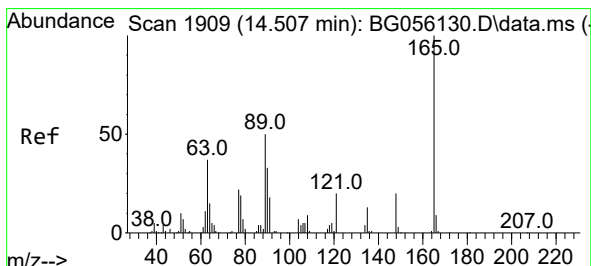
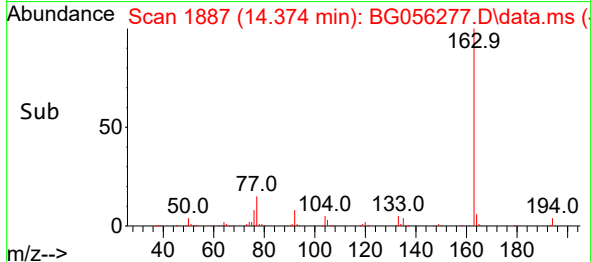
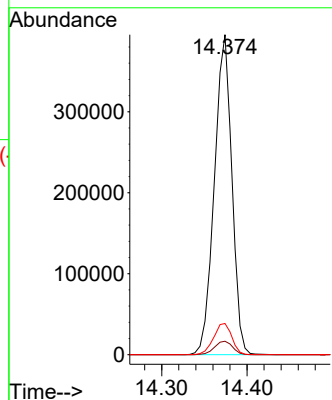
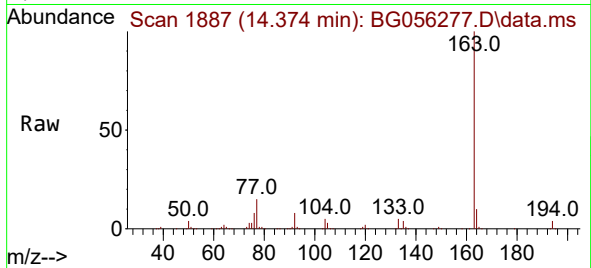




#50
Dimethylphthalate
Concen: 37.155 ng
RT: 14.374 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

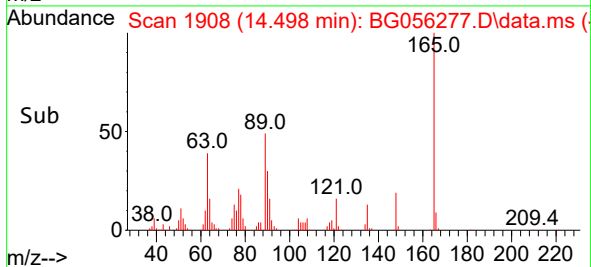
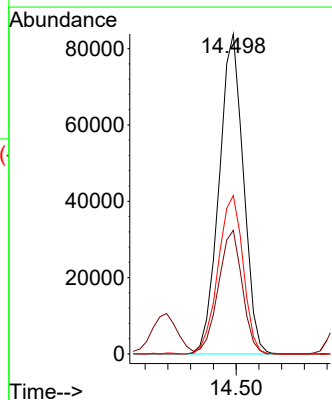
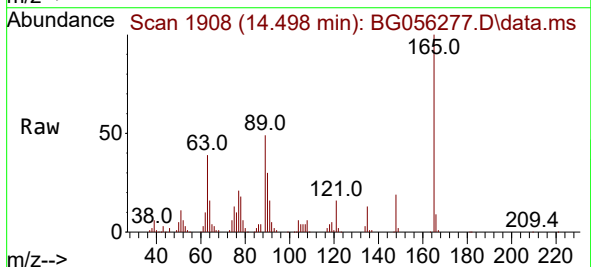
Instrument :
BNA_G
ClientSampleId :
PB150241BS

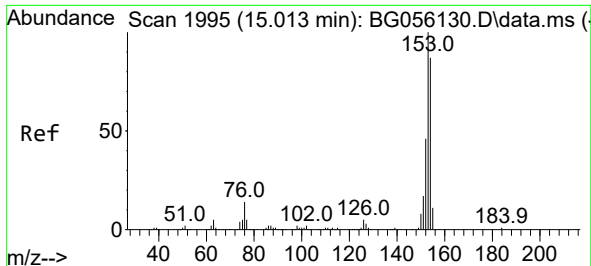
Tgt Ion:163 Resp: 564713
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 9.8 8.7 13.1



#51
2,6-Dinitrotoluene
Concen: 38.409 ng
RT: 14.498 min Scan# 1908
Delta R.T. 0.006 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

Tgt Ion:165 Resp: 124394
Ion Ratio Lower Upper
165 100
63 38.7 32.2 48.2
89 49.5 39.8 59.8

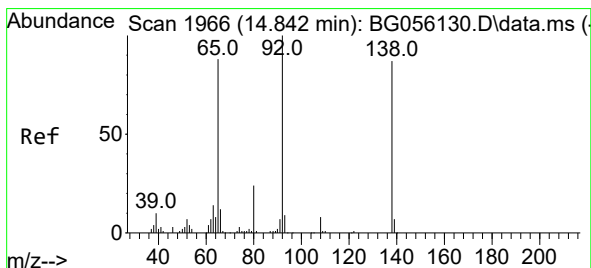
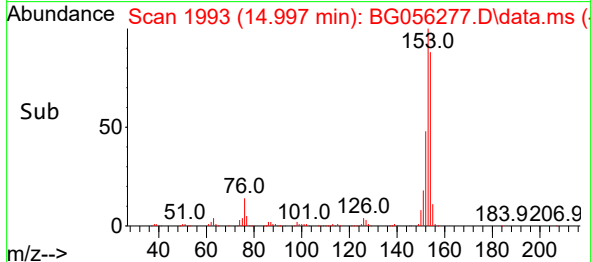
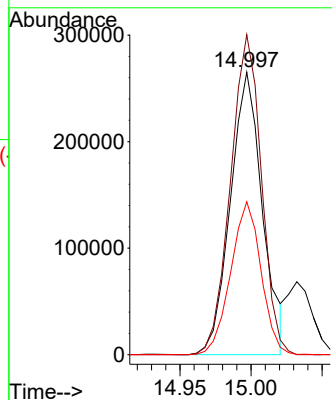
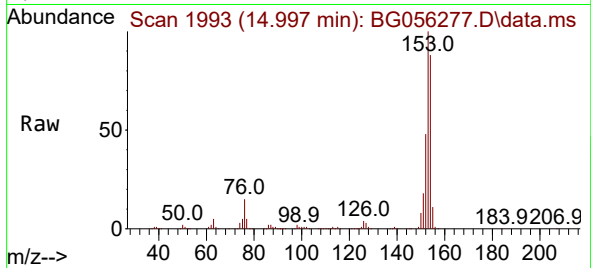




#52
Acenaphthene
Concen: 36.838 ng
RT: 14.997 min Scan# 1995
Delta R.T. 0.006 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

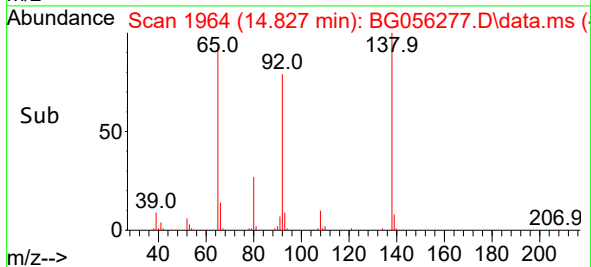
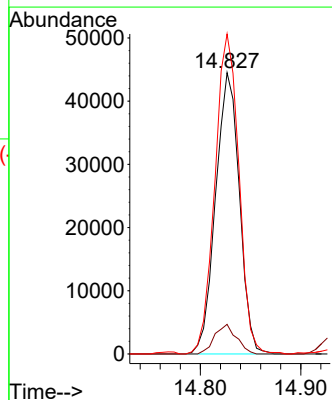
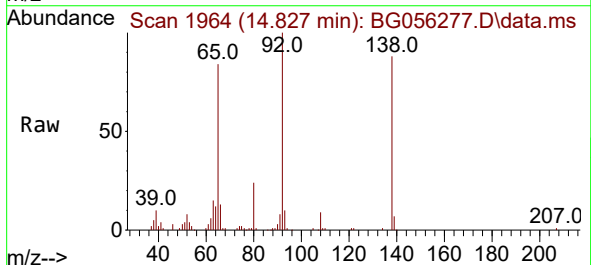
Instrument :
BNA_G
ClientSampleId :
PB150241BS

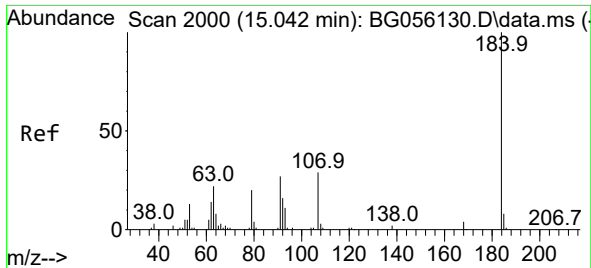
Tgt Ion:154 Resp: 414960
Ion Ratio Lower Upper
154 100
153 113.2 92.0 138.0
152 54.2 42.5 63.7



#53
3-Nitroaniline
Concen: 23.771 ng
RT: 14.827 min Scan# 1964
Delta R.T. 0.006 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

Tgt Ion:138 Resp: 73267
Ion Ratio Lower Upper
138 100
108 10.5 7.6 11.4
92 113.8 91.7 137.5

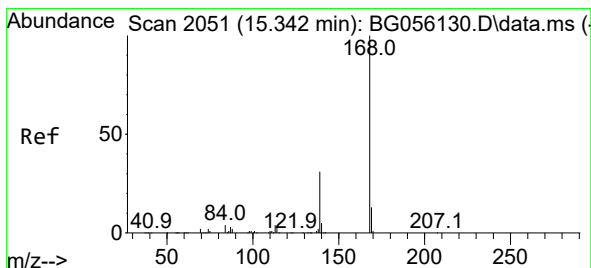
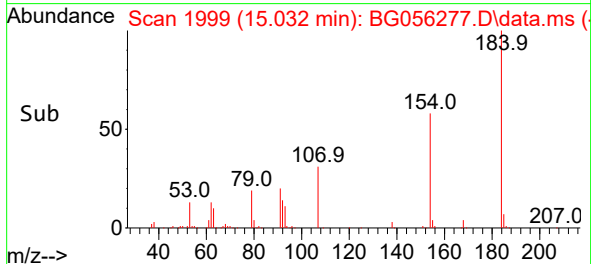
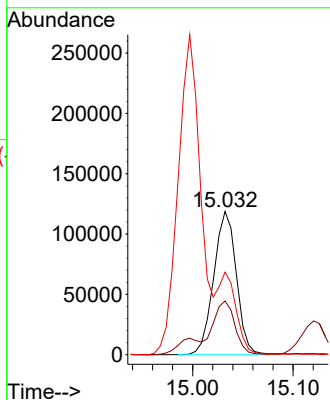
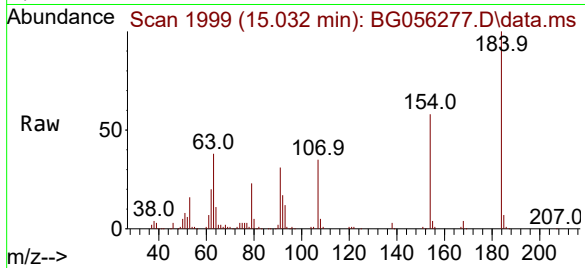




#54
2,4-Dinitrophenol
Concen: 80.460 ng
RT: 15.032 min Scan# 1999
Delta R.T. 0.006 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

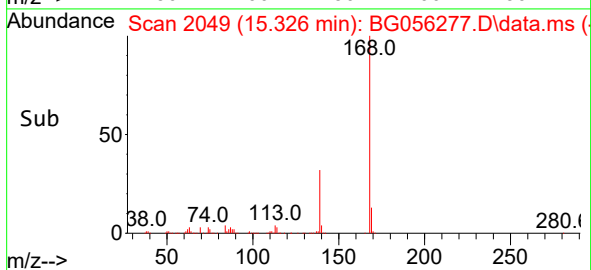
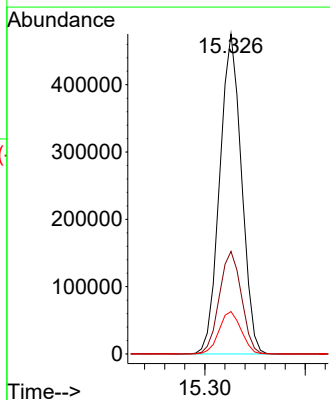
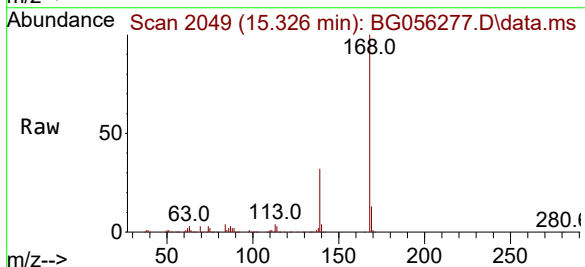
Instrument :
BNA_G
ClientSampleId :
PB150241BS

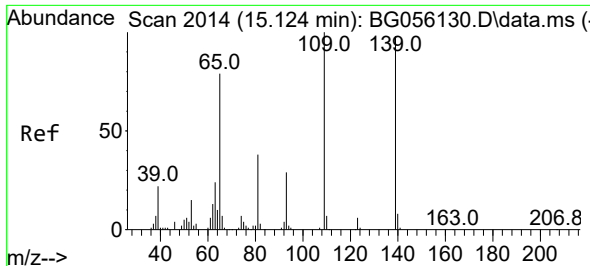
Tgt Ion:184 Resp: 186156
Ion Ratio Lower Upper
184 100
63 37.5 24.0 36.0#
154 57.7 45.4 68.0



#55
Dibenzofuran
Concen: 38.316 ng
RT: 15.326 min Scan# 2049
Delta R.T. -0.000 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

Tgt Ion:168 Resp: 714239
Ion Ratio Lower Upper
168 100
139 32.1 24.7 37.1
169 13.3 10.3 15.5

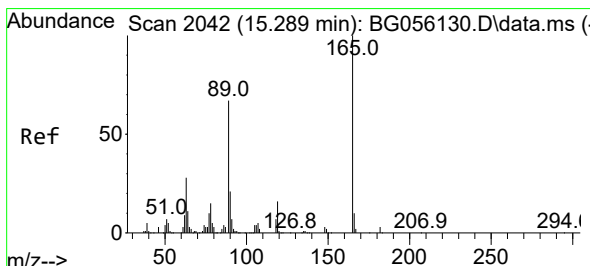
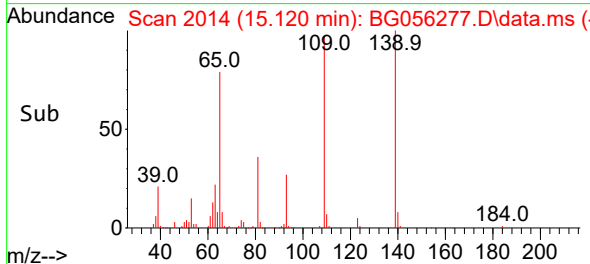
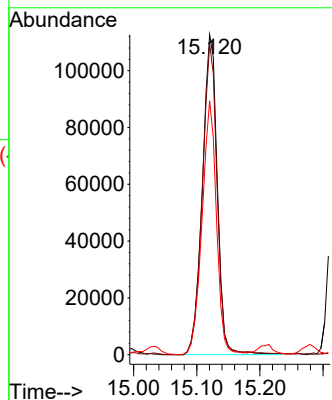
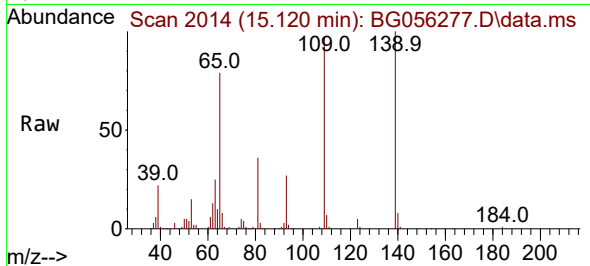




#56
4-Nitrophenol
Concen: 78.076 ng
RT: 15.120 min Scan# 2014
Delta R.T. 0.012 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

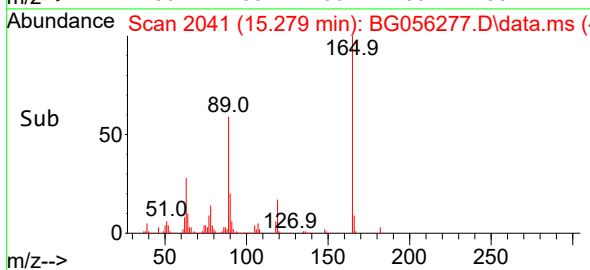
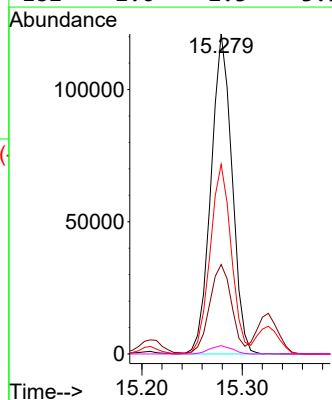
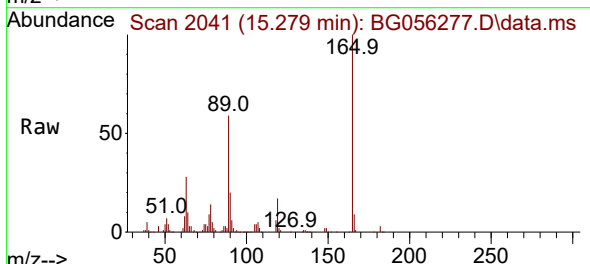
Instrument :
BNA_G
ClientSampleId :
PB150241BS

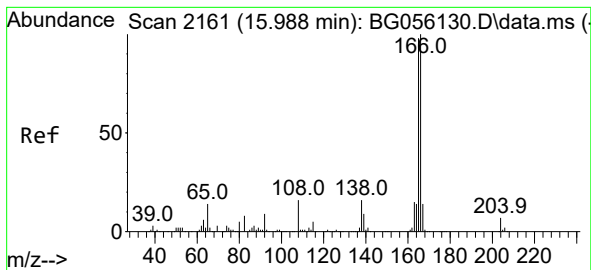
Tgt Ion:139 Resp: 185081
Ion Ratio Lower Upper
139 100
109 97.2 82.2 122.2
65 79.3 60.6 100.6



#57
2,4-Dinitrotoluene
Concen: 38.907 ng
RT: 15.279 min Scan# 2041
Delta R.T. 0.006 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

Tgt Ion:165 Resp: 176220
Ion Ratio Lower Upper
165 100
63 27.9 22.6 34.0
89 59.3 53.2 79.8
182 2.6 2.3 3.5





#58

Fluorene

Concen: 37.886 ng

RT: 15.972 min Scan# 2161

Delta R.T. 0.006 min

Lab File: BG056277.D

Acq: 13 Jan 2023 14:26

Instrument :

BNA_G

ClientSampleId :

PB150241BS

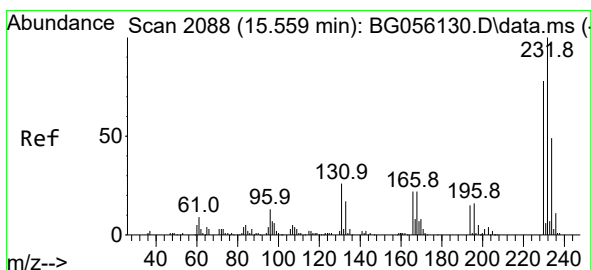
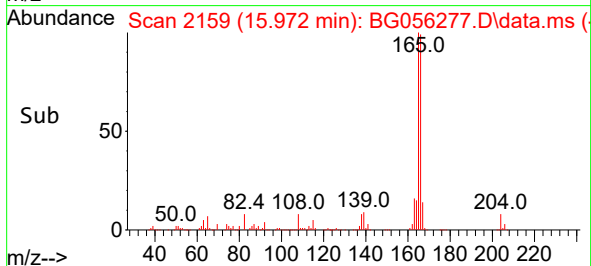
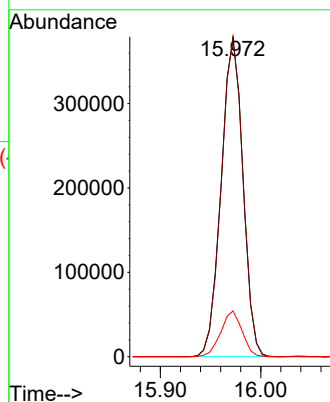
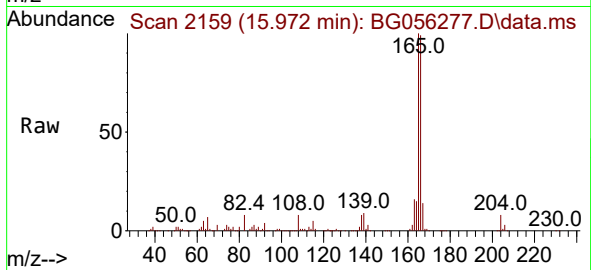
Tgt Ion:166 Resp: 568023

Ion Ratio Lower Upper

166 100

165 100.7 78.6 118.0

167 14.4 11.1 16.7



#59

2,3,4,6-Tetrachlorophenol

Concen: 38.484 ng

RT: 15.543 min Scan# 2086

Delta R.T. -0.000 min

Lab File: BG056277.D

Acq: 13 Jan 2023 14:26

Tgt Ion:232 Resp: 199453

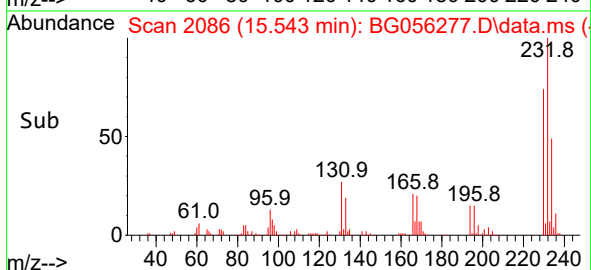
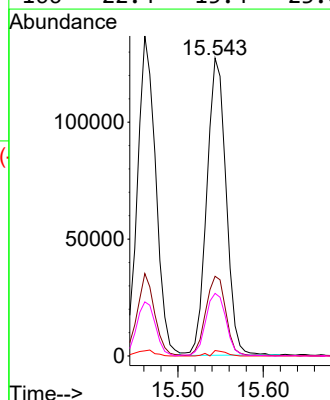
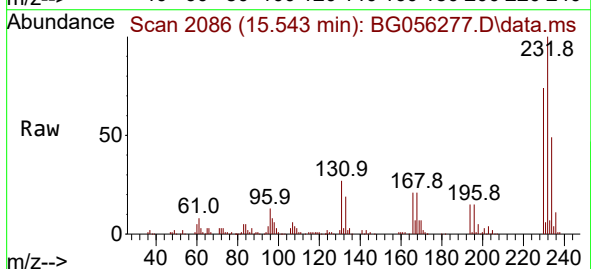
Ion Ratio Lower Upper

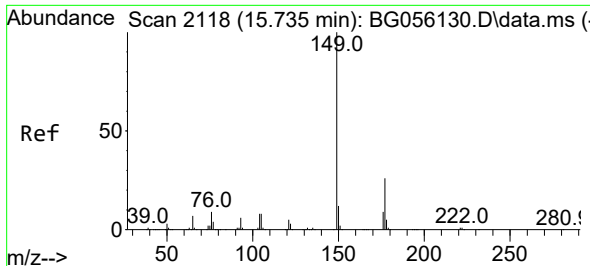
232 100

131 28.1 21.4 32.2

130 1.4 1.4 2.0

166 22.4 15.4 23.0

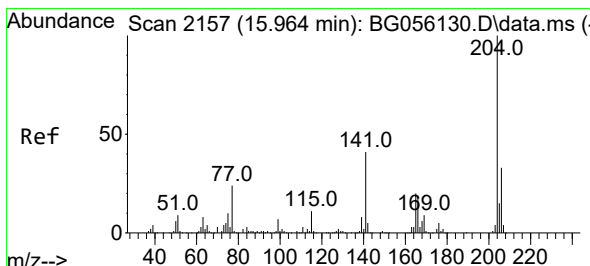
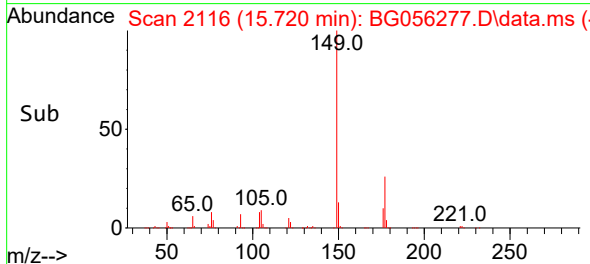
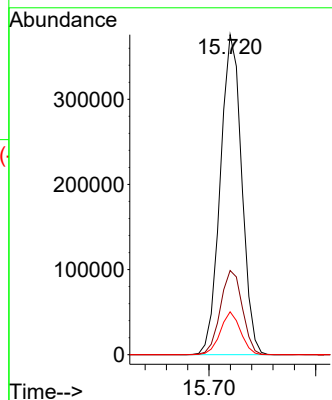
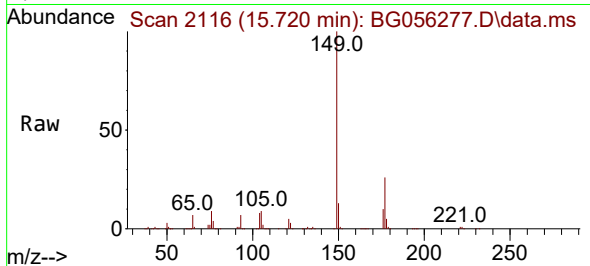




#60
Diethylphthalate
Concen: 36.755 ng
RT: 15.720 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

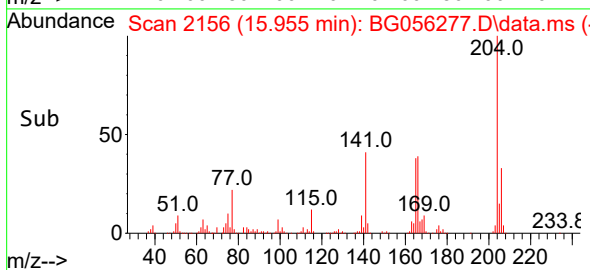
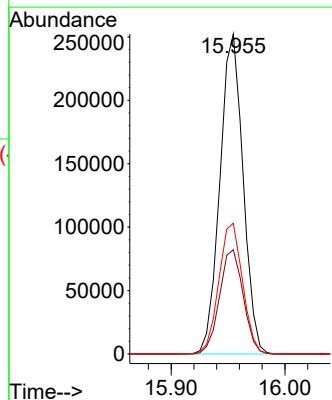
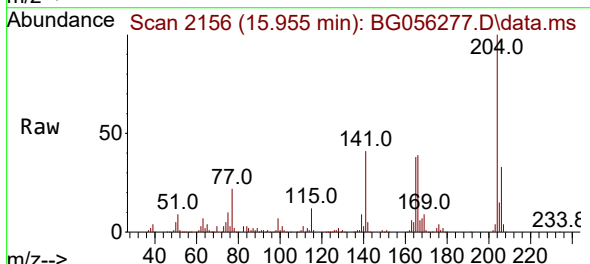
Instrument :
BNA_G
ClientSampleId :
PB150241BS

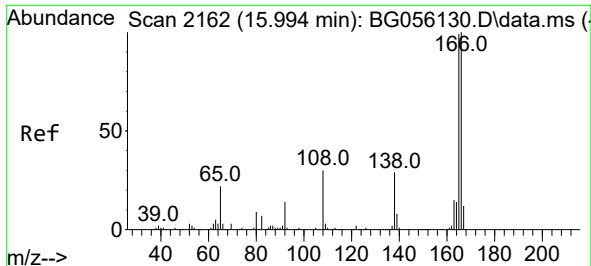
Tgt Ion:149 Resp: 523901
Ion Ratio Lower Upper
149 100
177 26.3 20.6 31.0
150 13.4 9.9 14.9



#61
4-Chlorophenyl-phenylether
Concen: 38.136 ng
RT: 15.955 min Scan# 2156
Delta R.T. 0.006 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

Tgt Ion:204 Resp: 356827
Ion Ratio Lower Upper
204 100
206 32.6 26.4 39.6
141 40.9 33.0 49.4

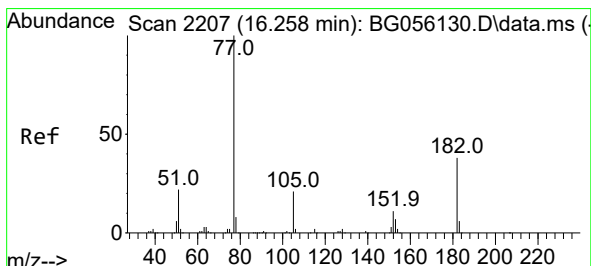
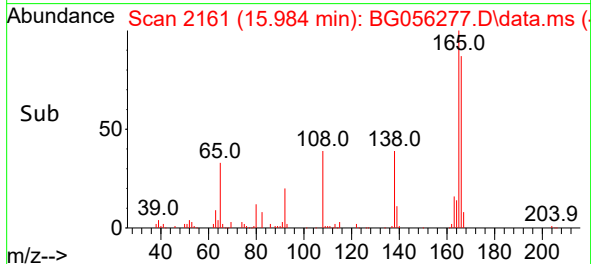
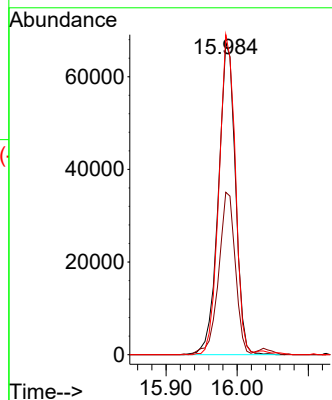
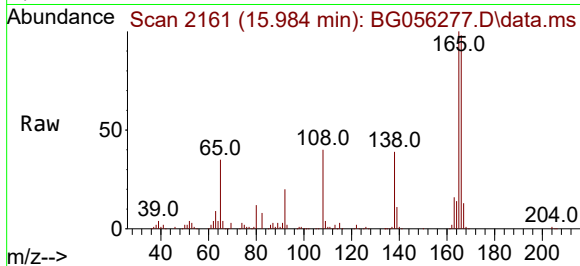




#62
4-Nitroaniline
Concen: 35.428 ng
RT: 15.984 min Scan# 2161
Delta R.T. -0.000 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

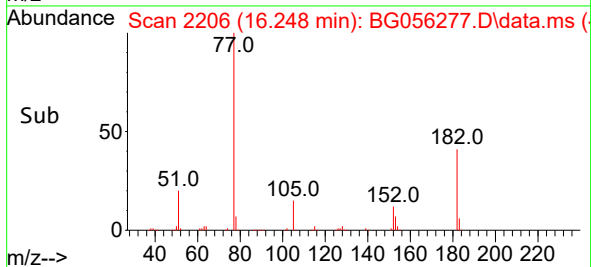
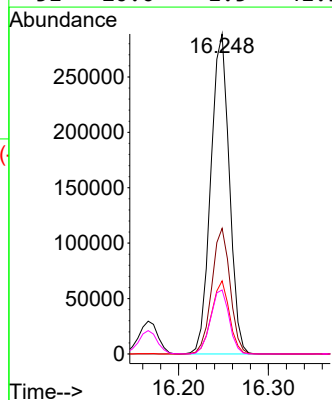
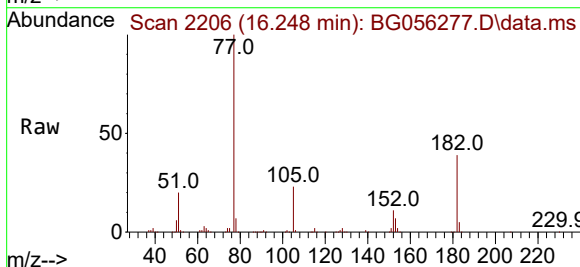
Instrument :
BNA_G
ClientSampleId :
PB150241BS

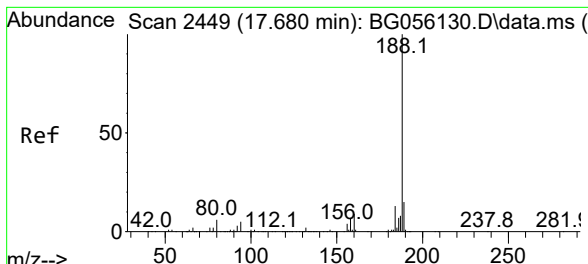
Tgt Ion:138 Resp: 111854
Ion Ratio Lower Upper
138 100
92 52.0 28.6 68.6
108 102.5 83.4 123.4



#63
Azobenzene
Concen: 37.583 ng
RT: 16.248 min Scan# 2206
Delta R.T. 0.006 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

Tgt Ion: 77 Resp: 413390
Ion Ratio Lower Upper
77 100
182 39.3 18.5 58.5
105 22.8 1.4 41.4
51 20.0 1.5 41.5

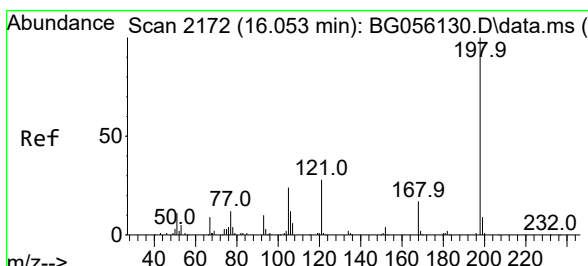
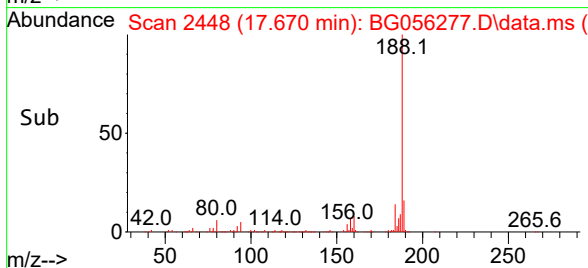
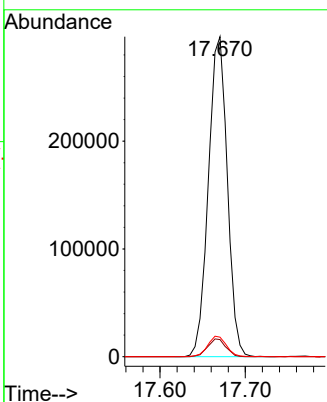
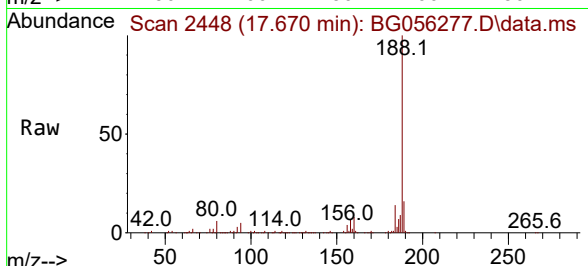




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.670 min Scan# 2448
 Delta R.T. 0.006 min
 Lab File: BG056277.D
 Acq: 13 Jan 2023 14:26

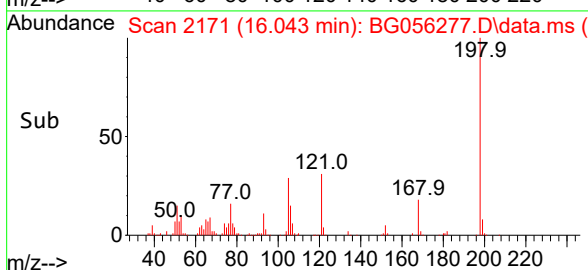
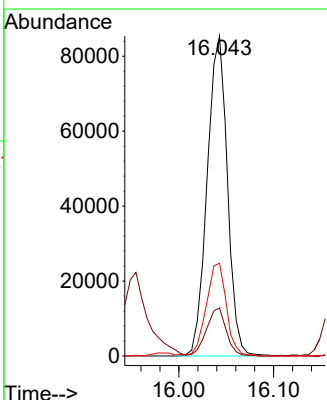
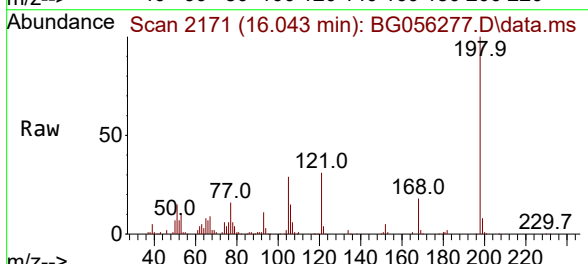
Instrument :
 BNA_G
 ClientSampleId :
 PB150241BS

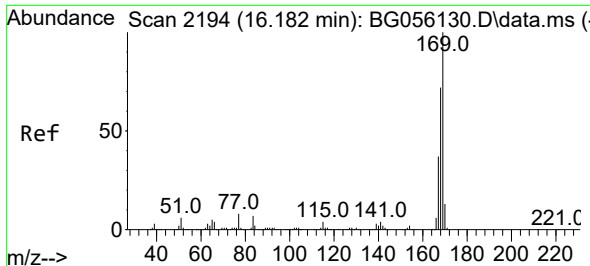
Tgt Ion:	188	Resp:	457086
Ion Ratio	Lower	Upper	
188	100		
94	5.4	4.2	6.2
80	6.1	5.0	7.4



#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.034 ng
 RT: 16.043 min Scan# 2171
 Delta R.T. 0.006 min
 Lab File: BG056277.D
 Acq: 13 Jan 2023 14:26

Tgt Ion:	198	Resp:	126367
Ion Ratio	Lower	Upper	
198	100		
51	15.0	0.0	33.2
105	29.0	4.9	44.9

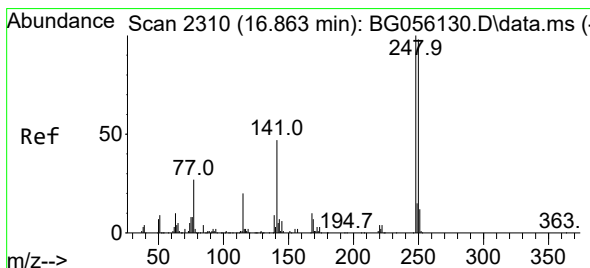
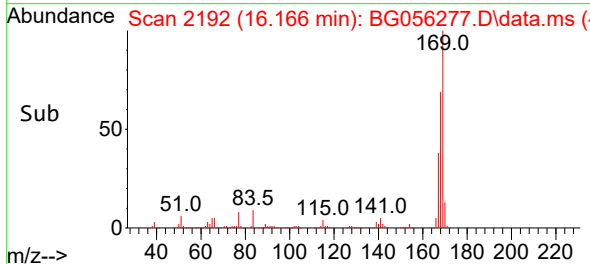
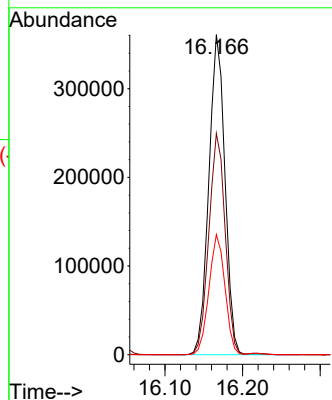
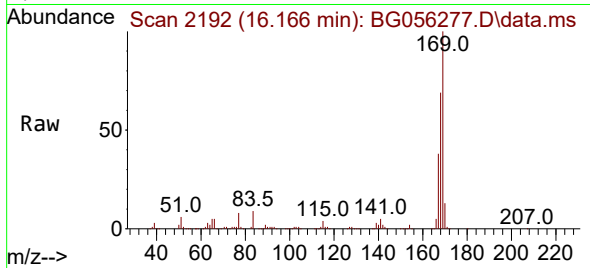




#66
 n-Nitrosodiphenylamine
 Concen: 41.022 ng
 RT: 16.166 min Scan# 2194
 Delta R.T. -0.000 min
 Lab File: BG056277.D
 Acq: 13 Jan 2023 14:26

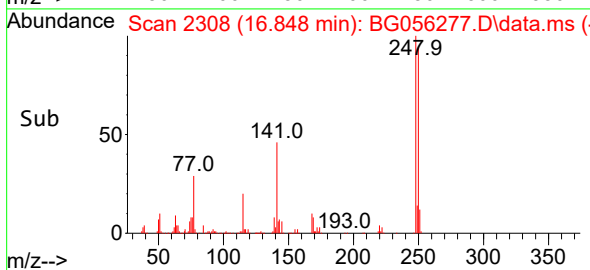
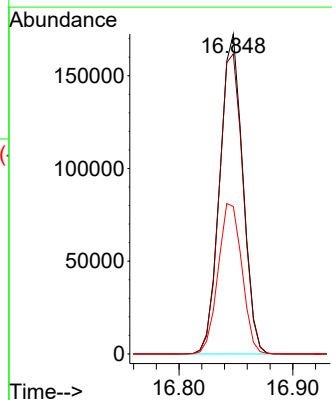
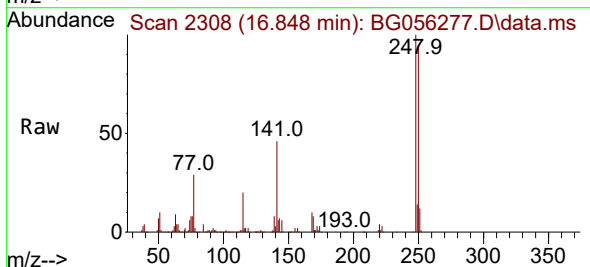
Instrument :
 BNA_G
 ClientSampleId :
 PB150241BS

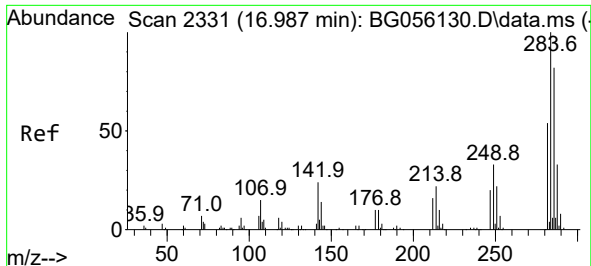
Tgt Ion:169 Resp: 520241
 Ion Ratio Lower Upper
 169 100
 168 69.2 58.0 87.0
 167 37.6 30.0 45.0



#67
 4-Bromophenyl-phenylether
 Concen: 41.603 ng
 RT: 16.848 min Scan# 2308
 Delta R.T. -0.000 min
 Lab File: BG056277.D
 Acq: 13 Jan 2023 14:26

Tgt Ion:248 Resp: 242151
 Ion Ratio Lower Upper
 248 100
 250 93.8 78.2 117.4
 141 46.1 37.6 56.4

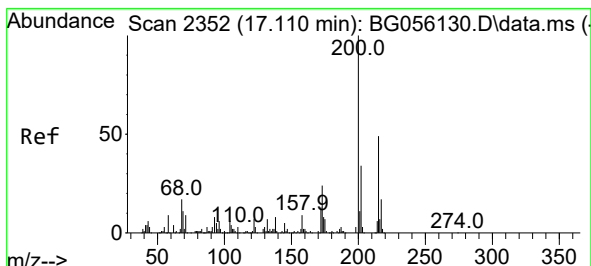
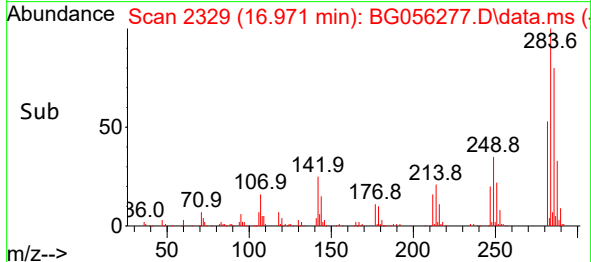
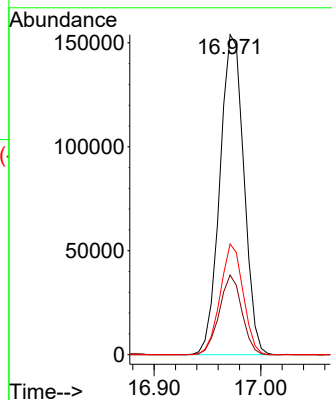
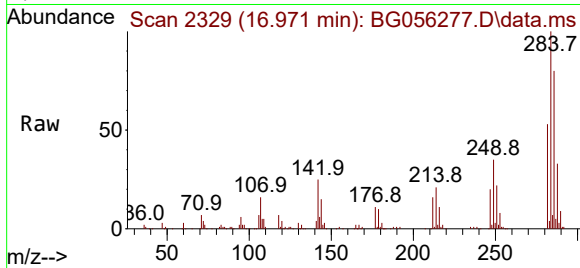




#68
Hexachlorobenzene
Concen: 44.231 ng
RT: 16.971 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

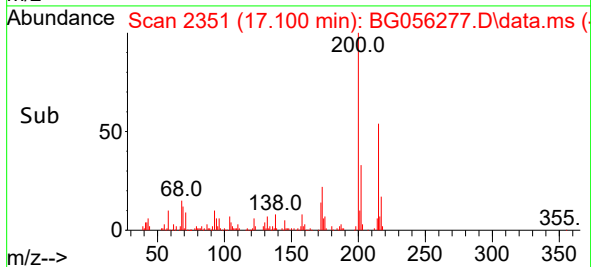
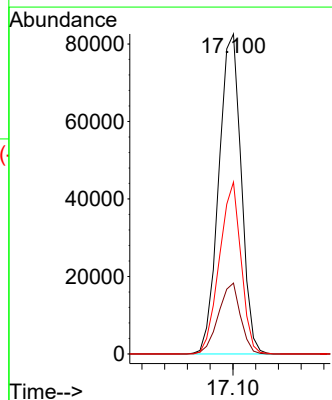
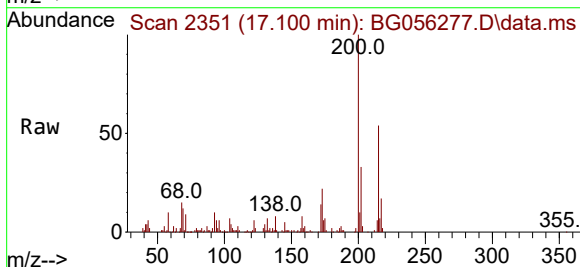
Instrument :
BNA_G
ClientSampleId :
PB150241BS

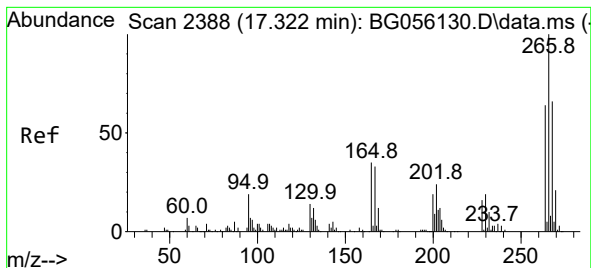
Tgt Ion:284 Resp: 240191
Ion Ratio Lower Upper
284 100
142 24.9 19.0 28.6
249 34.6 26.6 39.8



#69
Atrazine
Concen: 21.470 ng
RT: 17.100 min Scan# 2351
Delta R.T. 0.006 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

Tgt Ion:200 Resp: 112843
Ion Ratio Lower Upper
200 100
173 22.1 4.0 44.0
215 53.7 29.1 69.1





#70

Pentachlorophenol

Concen: 72.824 ng

RT: 17.312 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG056277.D

Acq: 13 Jan 2023 14:26

Instrument :

BNA_G

ClientSampleId :

PB150241BS

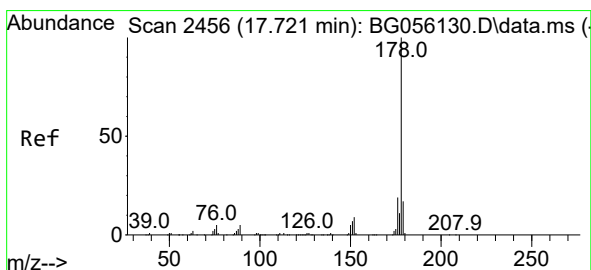
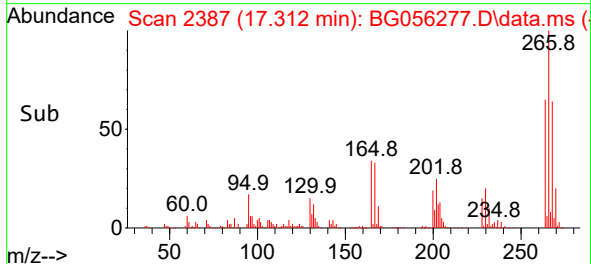
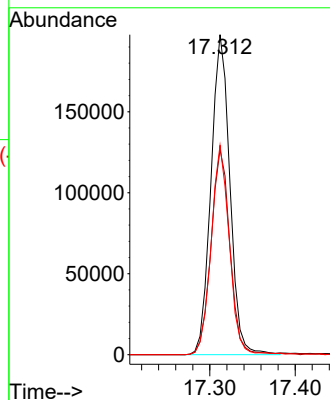
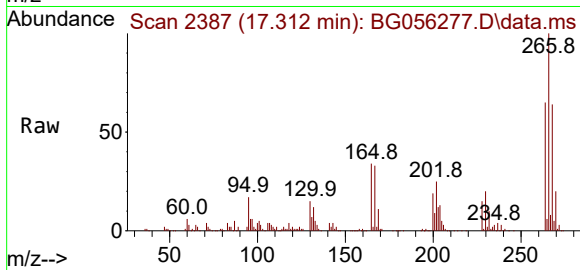
Tgt Ion:266 Resp: 303784

Ion Ratio Lower Upper

266 100

268 64.1 53.0 79.4

264 65.5 51.4 77.2



#71

Phenanthrene

Concen: 41.059 ng

RT: 17.711 min Scan# 2455

Delta R.T. -0.000 min

Lab File: BG056277.D

Acq: 13 Jan 2023 14:26

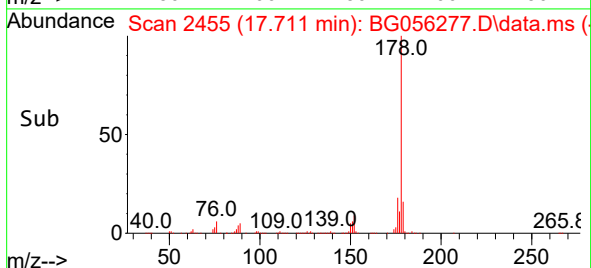
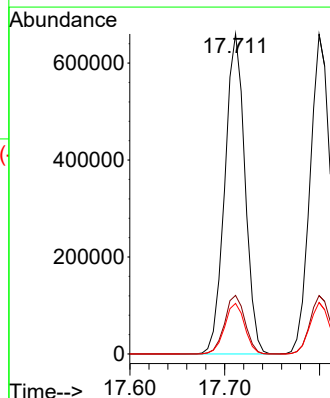
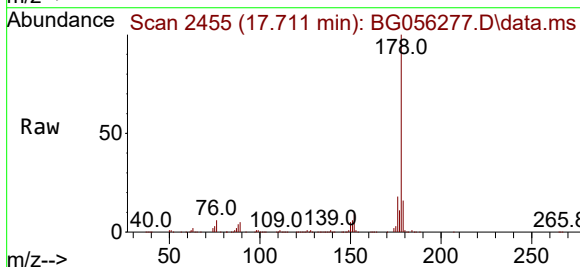
Tgt Ion:178 Resp: 972588

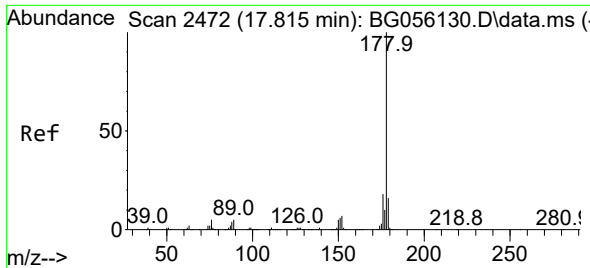
Ion Ratio Lower Upper

178 100

176 18.3 15.4 23.0

179 15.8 13.6 20.4

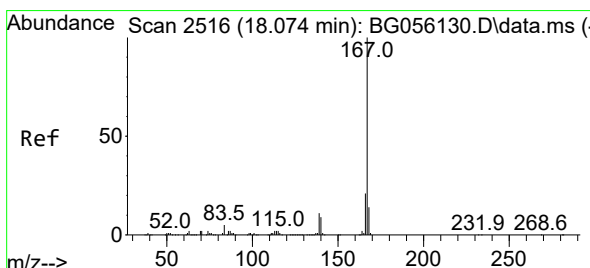
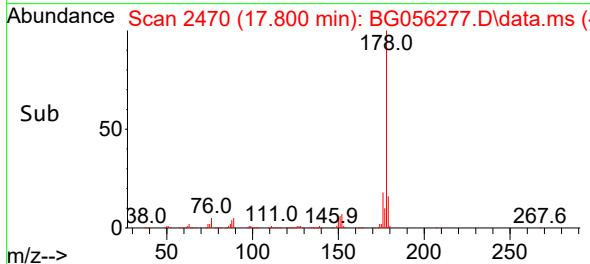
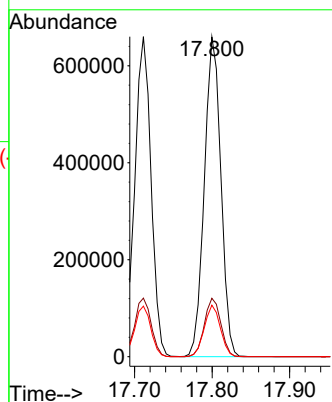
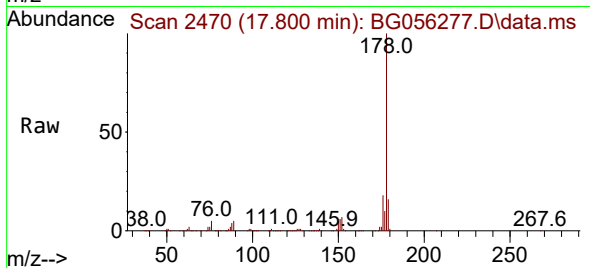




#72
 Anthracene
 Concen: 40.006 ng
 RT: 17.800 min Scan# 2472
 Delta R.T. -0.000 min
 Lab File: BG056277.D
 Acq: 13 Jan 2023 14:26

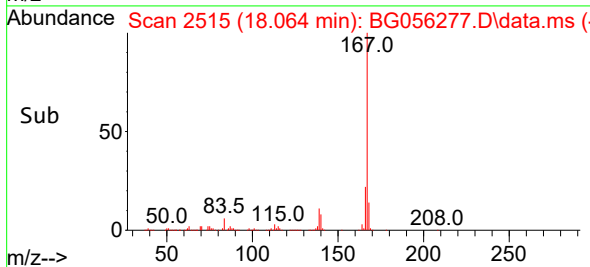
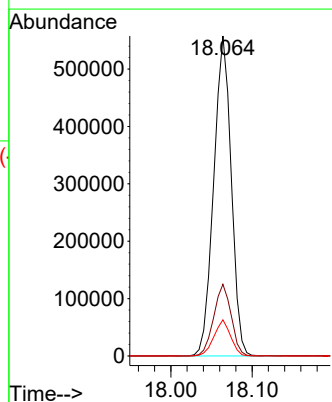
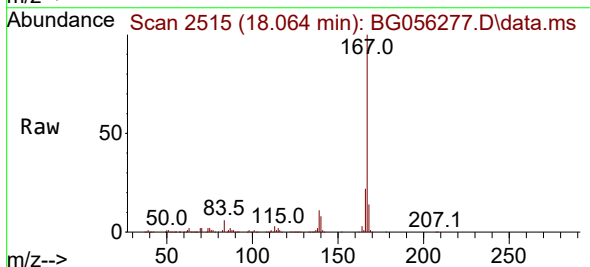
Instrument :
 BNA_G
 ClientSampleId :
 PB150241BS

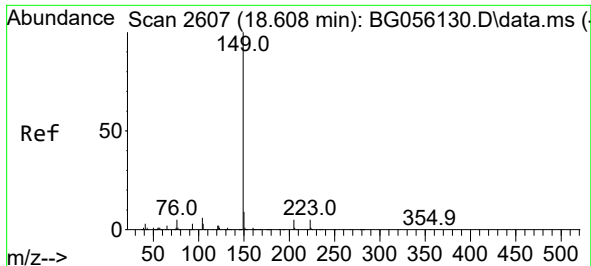
Tgt Ion:178 Resp: 977562
 Ion Ratio Lower Upper
 178 100
 176 18.3 14.6 22.0
 179 16.1 12.7 19.1



#73
 Carbazole
 Concen: 40.677 ng
 RT: 18.064 min Scan# 2515
 Delta R.T. -0.000 min
 Lab File: BG056277.D
 Acq: 13 Jan 2023 14:26

Tgt Ion:167 Resp: 835493
 Ion Ratio Lower Upper
 167 100
 166 22.4 16.8 25.2
 139 11.3 8.9 13.3

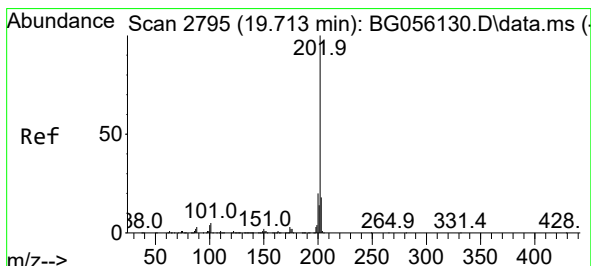
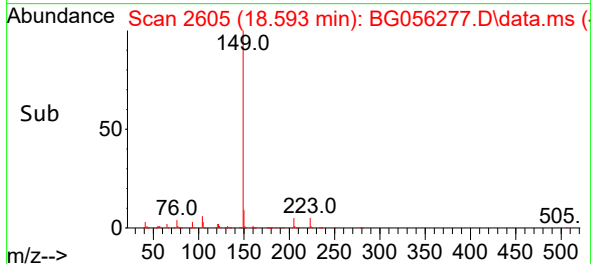
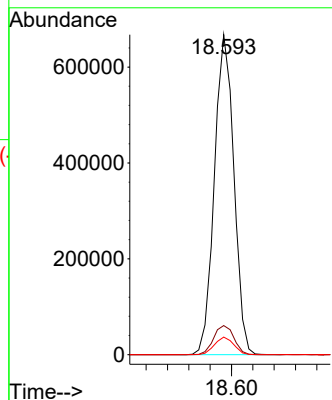
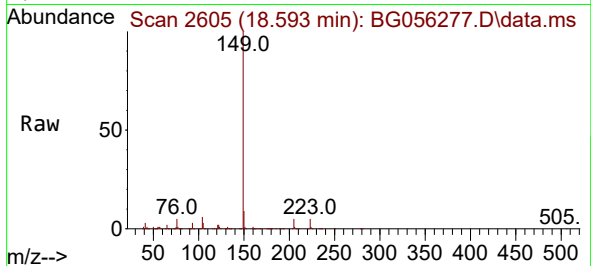




#74
Di-n-butylphthalate
Concen: 41.319 ng
RT: 18.593 min Scan# 20
Delta R.T. -0.000 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

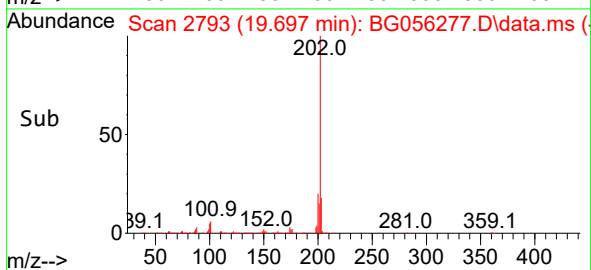
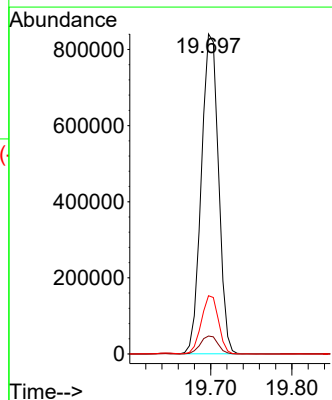
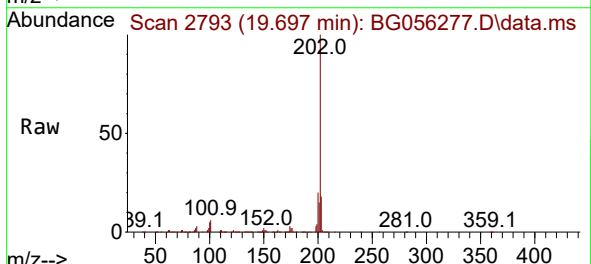
Instrument :
BNA_G
ClientSampleId :
PB150241BS

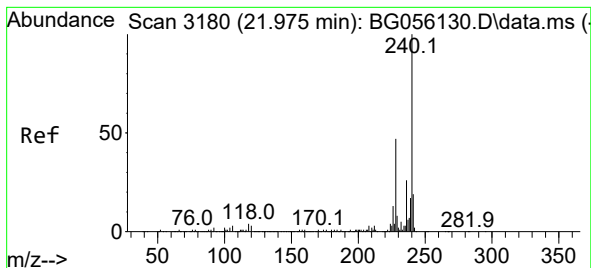
Tgt Ion:149 Resp: 846010
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.2
104 5.5 4.4 6.6



#75
Fluoranthene
Concen: 39.872 ng
RT: 19.697 min Scan# 2793
Delta R.T. -0.000 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

Tgt Ion:202 Resp: 1231983
Ion Ratio Lower Upper
202 100
101 5.6 0.0 25.0
203 18.2 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.965 min Scan# 31

Delta R.T. 0.006 min

Lab File: BG056277.D

Acq: 13 Jan 2023 14:26

Instrument :

BNA_G

ClientSampleId :

PB150241BS

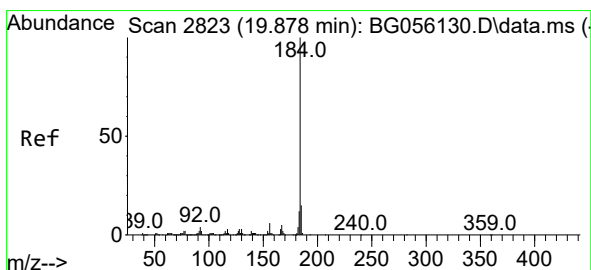
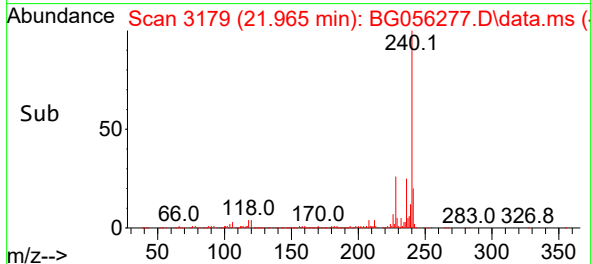
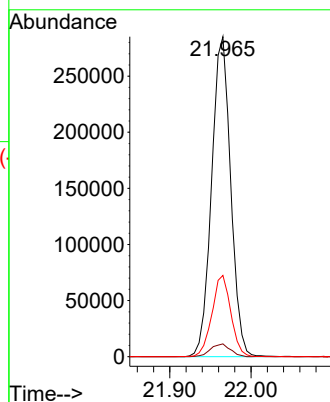
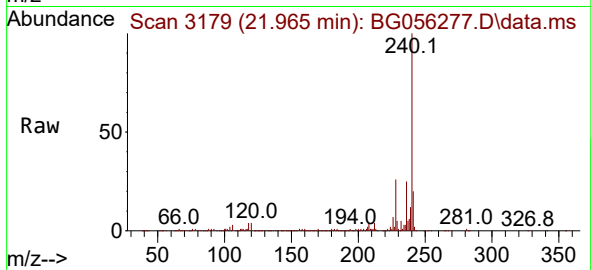
Tgt Ion:240 Resp: 465122

Ion Ratio Lower Upper

240 100

120 4.0 2.6 4.0#

236 25.4 20.8 31.2



#77

Benzidine

Concen: 13.880 ng

RT: 19.868 min Scan# 2822

Delta R.T. 0.006 min

Lab File: BG056277.D

Acq: 13 Jan 2023 14:26

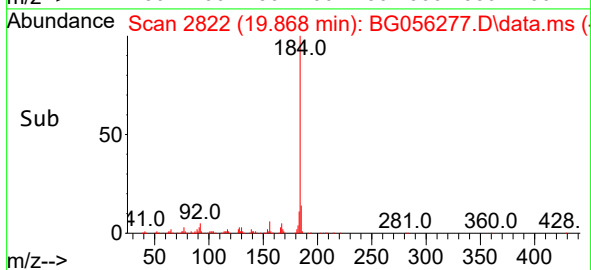
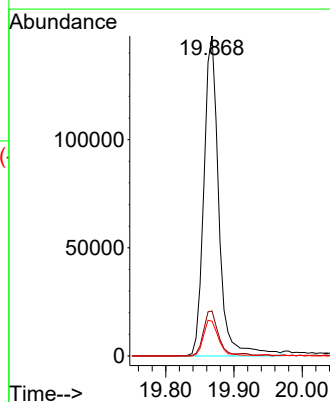
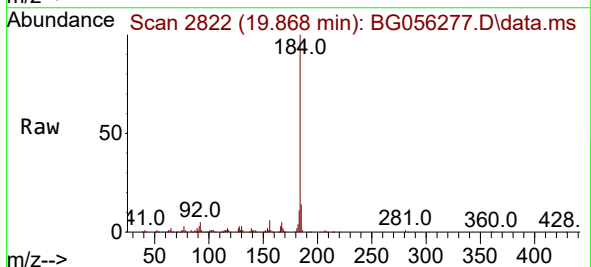
Tgt Ion:184 Resp: 226249

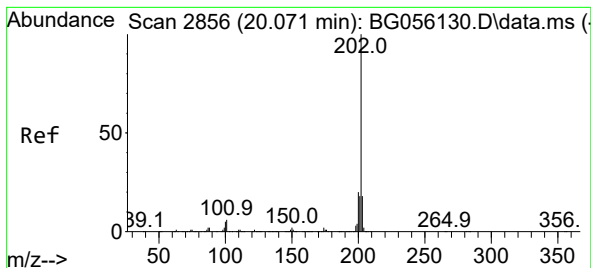
Ion Ratio Lower Upper

184 100

185 14.1 12.2 18.2

183 10.8 9.4 14.0





#78

Pyrene

Concen: 37.855 ng

RT: 20.062 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG056277.D

Acq: 13 Jan 2023 14:26

Instrument :

BNA_G

ClientSampleId :

PB150241BS

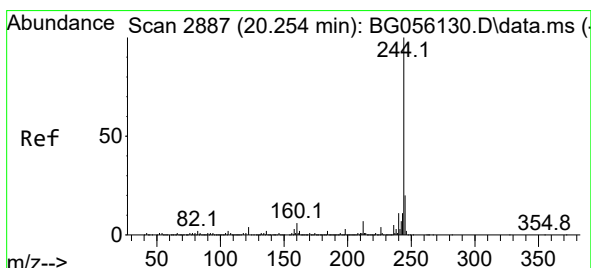
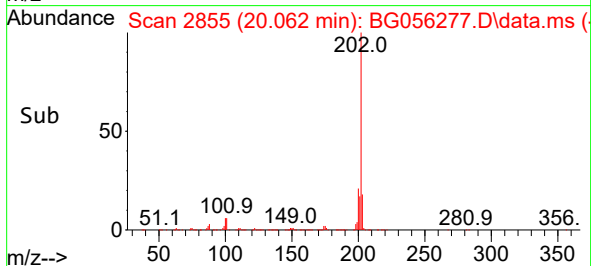
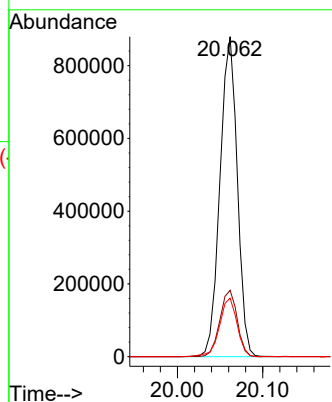
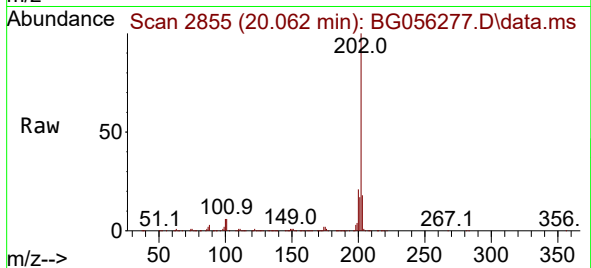
Tgt Ion:202 Resp: 1241020

Ion Ratio Lower Upper

202 100

200 20.7 16.4 24.6

203 18.3 14.3 21.5



#79

Terphenyl-d14

Concen: 75.208 ng

RT: 20.244 min Scan# 2886

Delta R.T. 0.006 min

Lab File: BG056277.D

Acq: 13 Jan 2023 14:26

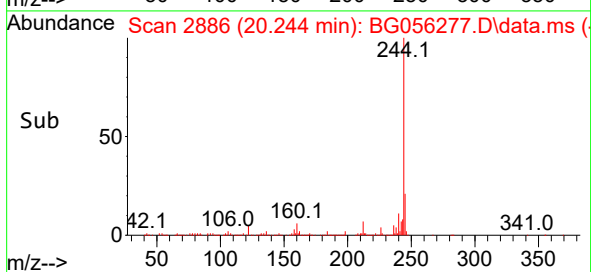
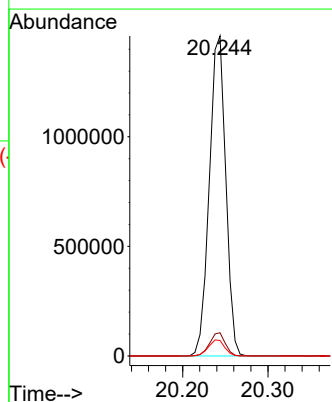
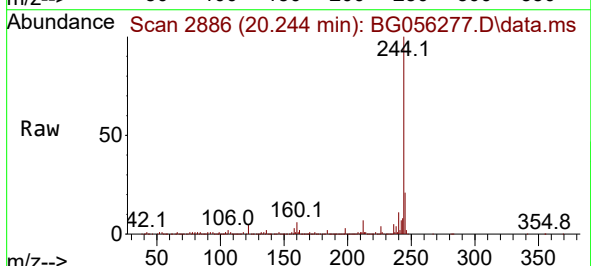
Tgt Ion:244 Resp: 1953100

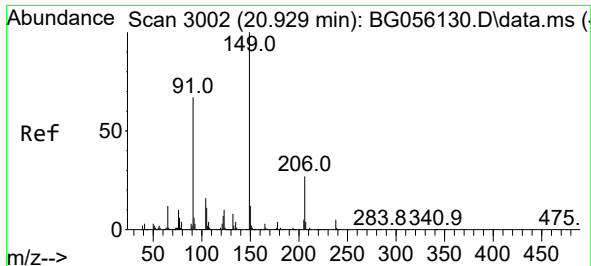
Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

122 4.9 3.5 5.3

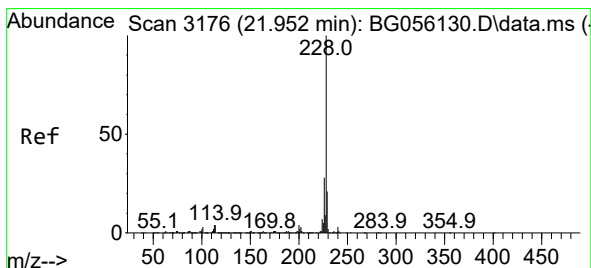
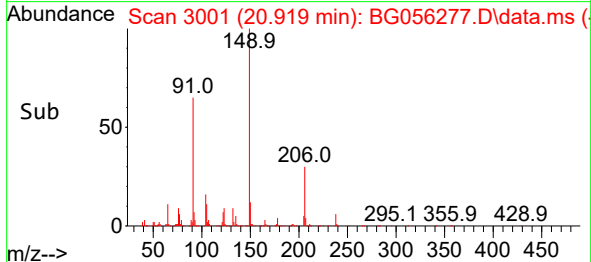
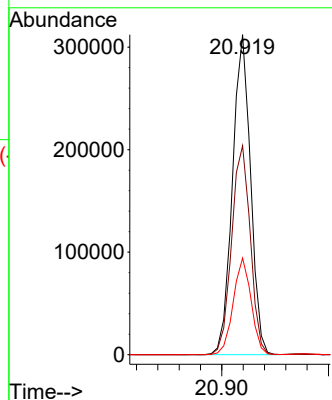
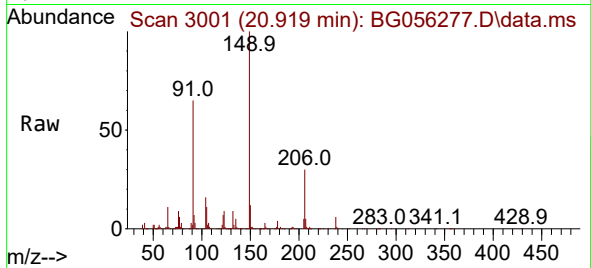




#80
Butylbenzylphthalate
Concen: 39.191 ng
RT: 20.919 min Scan# 3001
Delta R.T. -0.000 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

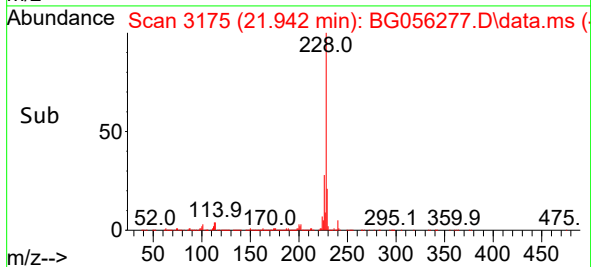
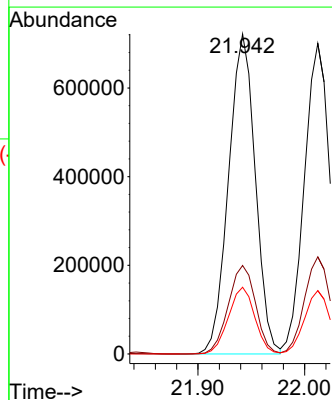
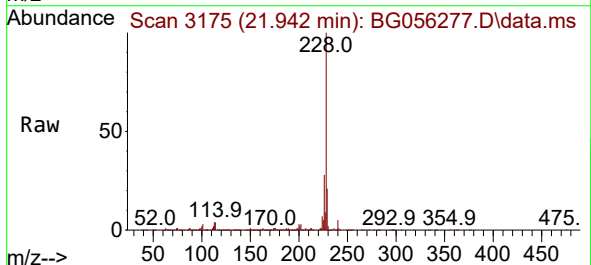
Instrument :
BNA_G
ClientSampleId :
PB150241BS

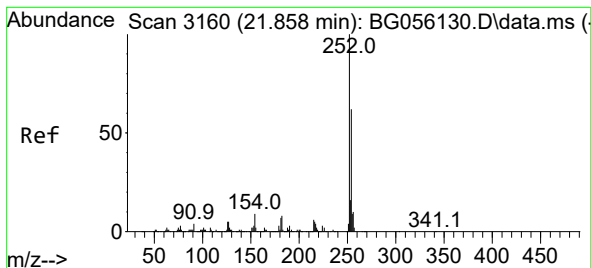
Tgt Ion:149 Resp: 368603
Ion Ratio Lower Upper
149 100
91 65.3 53.5 80.3
206 30.2 21.9 32.9



#81
Benzo(a)anthracene
Concen: 38.499 ng
RT: 21.942 min Scan# 3175
Delta R.T. -0.000 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

Tgt Ion:228 Resp: 1257726
Ion Ratio Lower Upper
228 100
226 27.7 22.6 34.0
229 20.9 16.9 25.3





#82

3,3'-Dichlorobenzidine

Concen: 32.548 ng

RT: 21.842 min Scan# 31

Delta R.T. -0.000 min

Lab File: BG056277.D

Acq: 13 Jan 2023 14:26

Instrument :

BNA_G

ClientSampleId :

PB150241BS

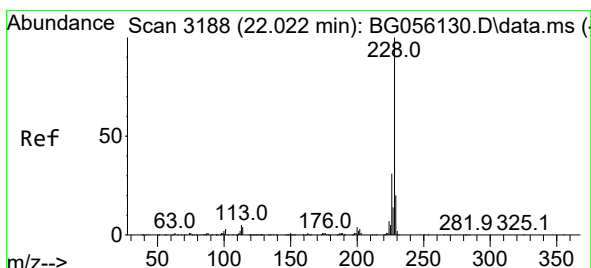
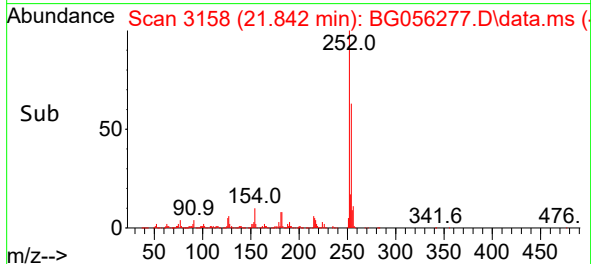
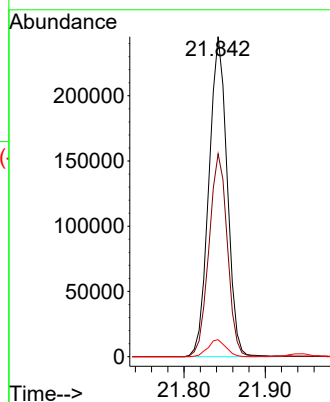
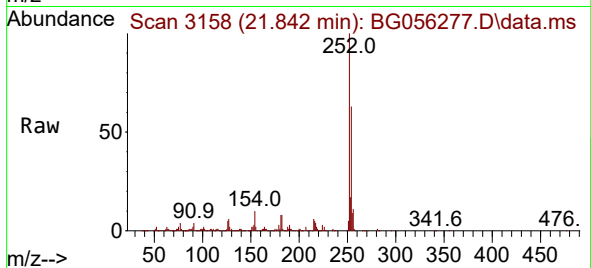
Tgt Ion:252 Resp: 382768

Ion Ratio Lower Upper

252 100

254 63.4 49.5 74.3

126 5.3 4.0 6.0



#83

Chrysene

Concen: 38.273 ng

RT: 22.012 min Scan# 3187

Delta R.T. -0.000 min

Lab File: BG056277.D

Acq: 13 Jan 2023 14:26

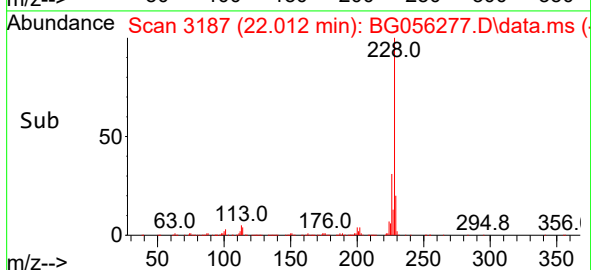
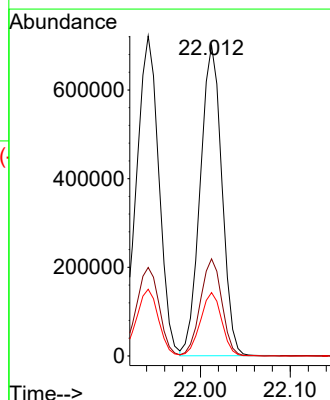
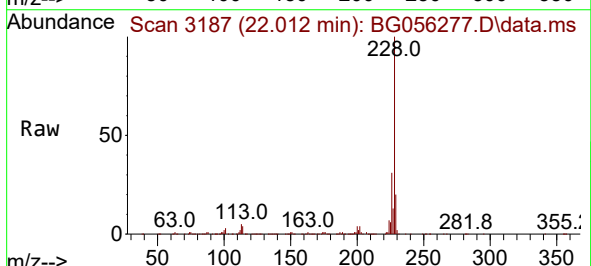
Tgt Ion:228 Resp: 1171199

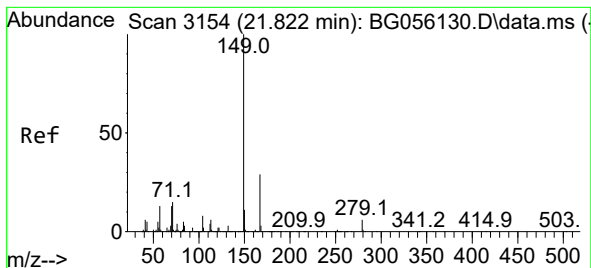
Ion Ratio Lower Upper

228 100

226 31.3 24.6 36.8

229 20.4 15.8 23.6

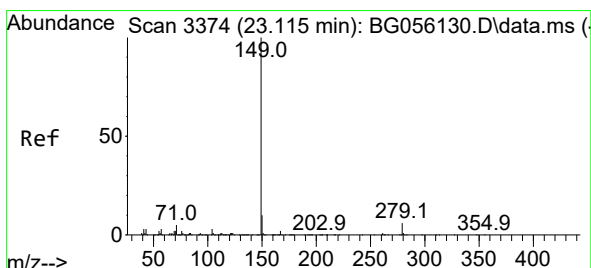
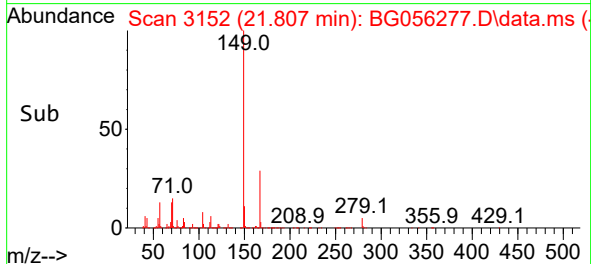
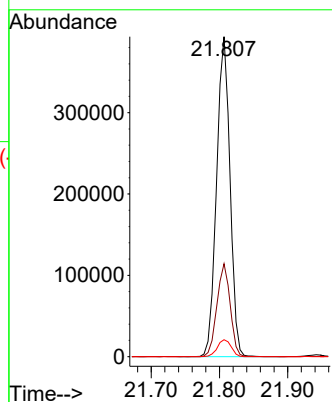
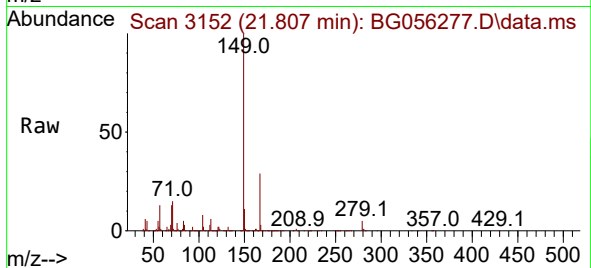




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.717 ng
 RT: 21.807 min Scan# 3152
 Delta R.T. -0.000 min
 Lab File: BG056277.D
 Acq: 13 Jan 2023 14:26

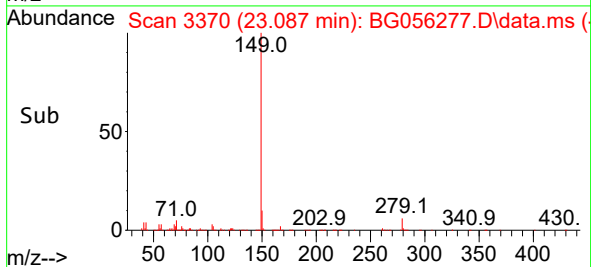
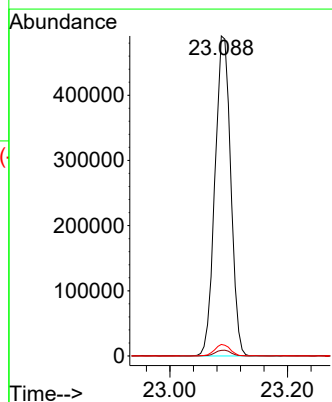
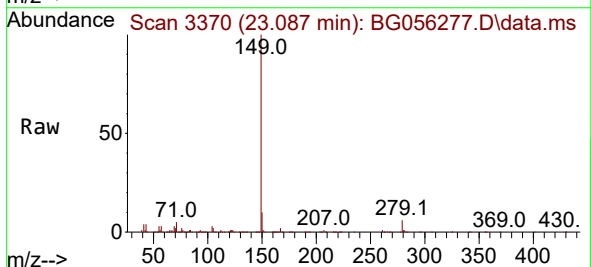
Instrument :
 BNA_G
 ClientSampleId :
 PB150241BS

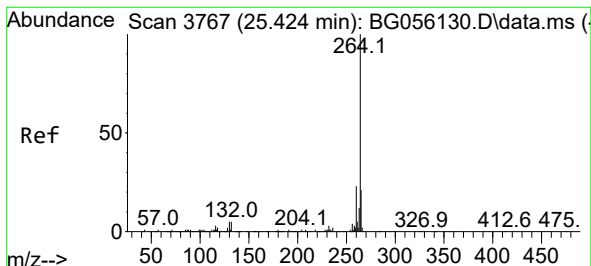
Tgt Ion:149 Resp: 538178
 Ion Ratio Lower Upper
 149 100
 167 29.1 23.4 35.2
 279 5.3 4.7 7.1



#85
 Di-n-octyl phthalate
 Concen: 39.893 ng
 RT: 23.087 min Scan# 3370
 Delta R.T. -0.000 min
 Lab File: BG056277.D
 Acq: 13 Jan 2023 14:26

Tgt Ion:149 Resp: 912578
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.2
 43 3.6 2.9 4.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.402 min Scan# 31

Delta R.T. -0.000 min

Lab File: BG056277.D

Acq: 13 Jan 2023 14:26

Instrument :

BNA_G

ClientSampleId :

PB150241BS

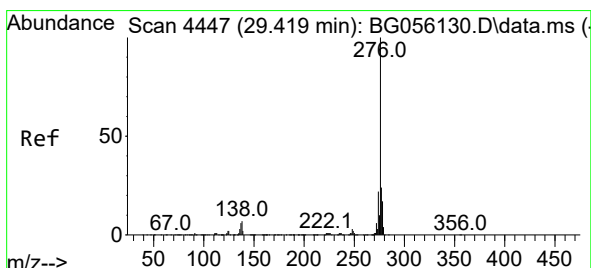
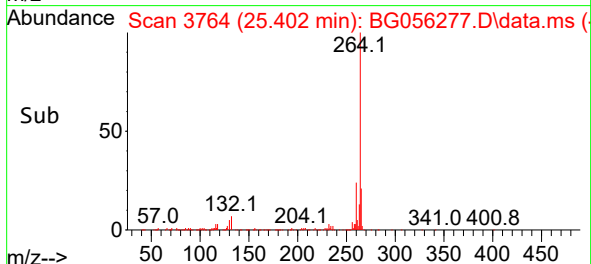
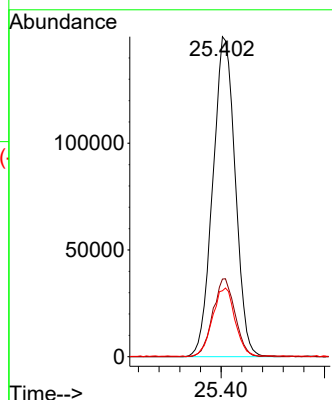
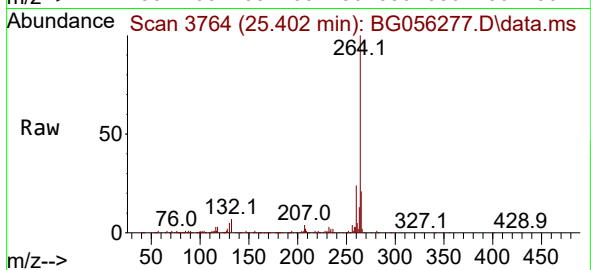
Tgt Ion:264 Resp: 451000

Ion Ratio Lower Upper

264 100

260 24.2 18.6 28.0

265 20.6 16.7 25.1



#87

Indeno(1,2,3-cd)pyrene

Concen: 44.573 ng

RT: 29.374 min Scan# 4440

Delta R.T. 0.012 min

Lab File: BG056277.D

Acq: 13 Jan 2023 14:26

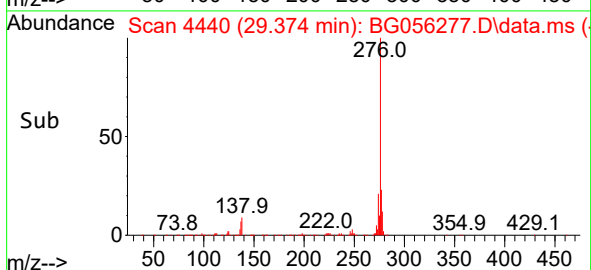
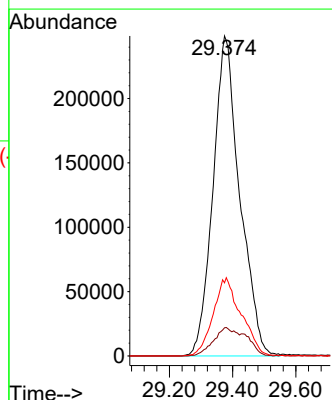
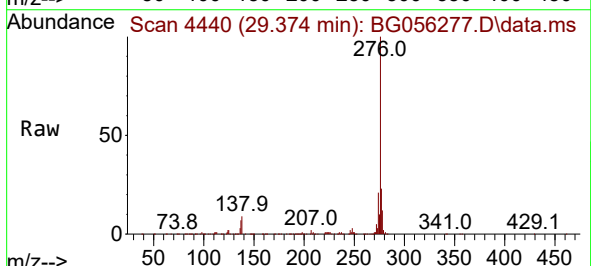
Tgt Ion:276 Resp: 1461970

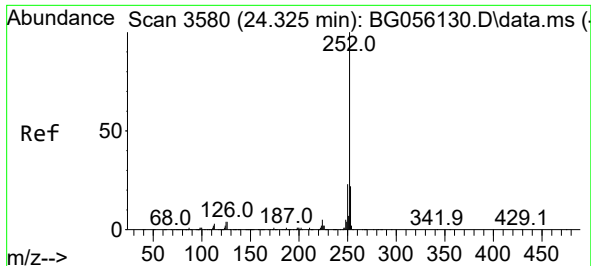
Ion Ratio Lower Upper

276 100

138 7.7 5.0 7.4#

277 25.6 20.5 30.7

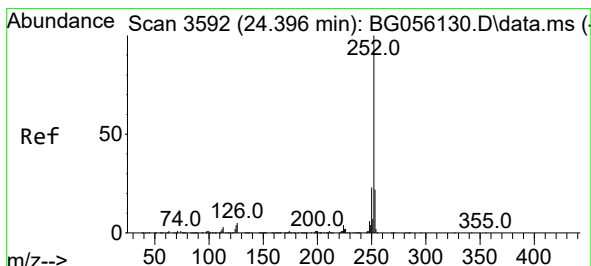
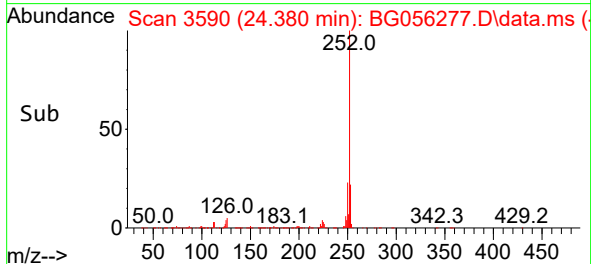
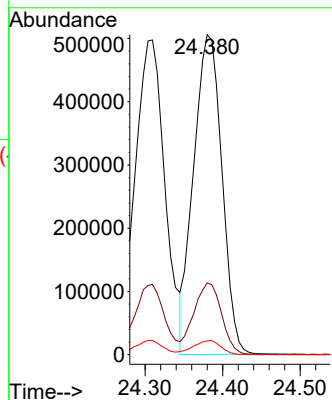
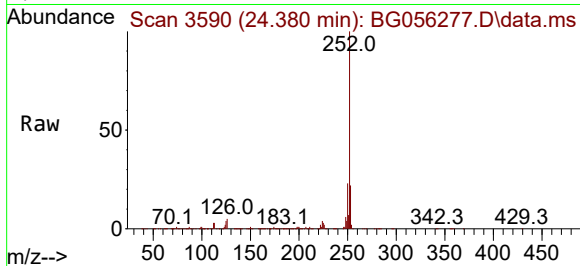




#88
Benzo(b)fluoranthene
Concen: 44.734 ng
RT: 24.380 min Scan# 3590
Delta R.T. 0.082 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

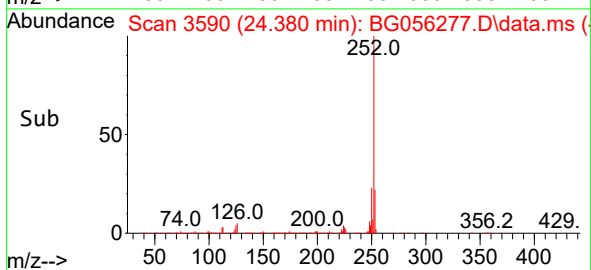
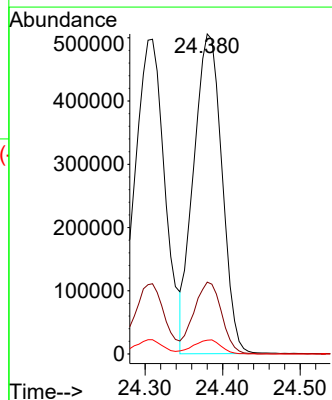
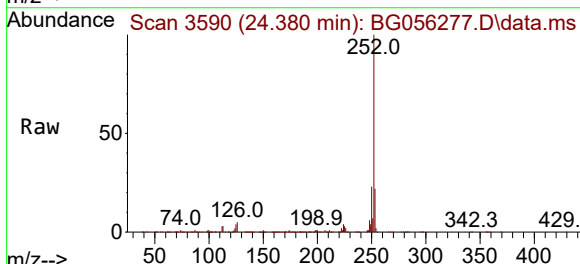
Instrument :
BNA_G
ClientSampleId :
PB150241BS

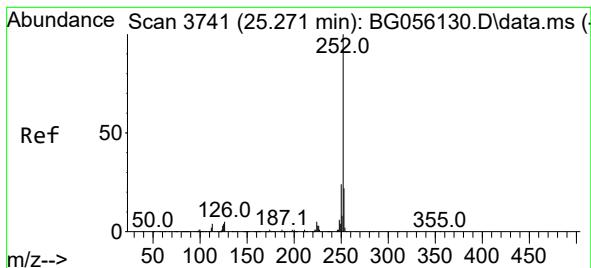
Tgt Ion:252 Resp: 1281855
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 4.3 3.0 4.4



#89
Benzo(k)fluoranthene
Concen: 44.923 ng
RT: 24.380 min Scan# 3590
Delta R.T. 0.006 min
Lab File: BG056277.D
Acq: 13 Jan 2023 14:26

Tgt Ion:252 Resp: 1281855
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 4.3 3.4 5.0





#90

Benzo(a)pyrene

Concen: 41.954 ng

RT: 25.250 min Scan# 31

Delta R.T. 0.006 min

Lab File: BG056277.D

Acq: 13 Jan 2023 14:26

Instrument :

BNA_G

ClientSampleId :

PB150241BS

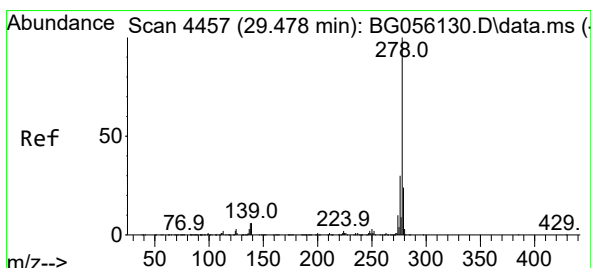
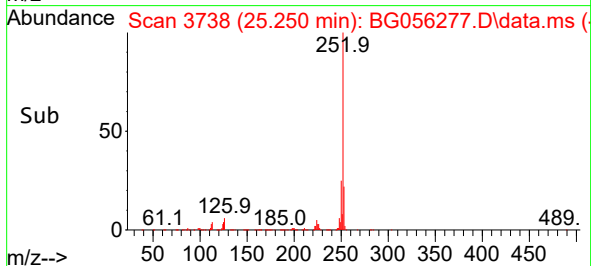
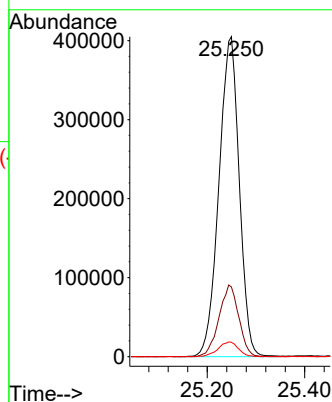
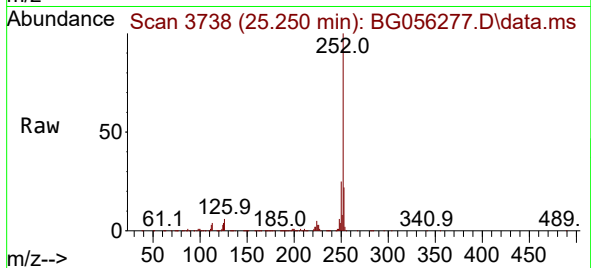
Tgt Ion:252 Resp: 1172558

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 4.5 3.2 4.8



#91

Dibenzo(a,h)anthracene

Concen: 45.546 ng

RT: 29.445 min Scan# 4452

Delta R.T. 0.012 min

Lab File: BG056277.D

Acq: 13 Jan 2023 14:26

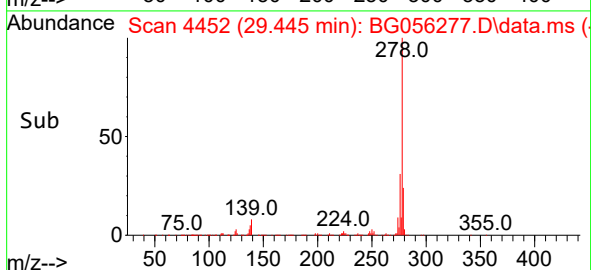
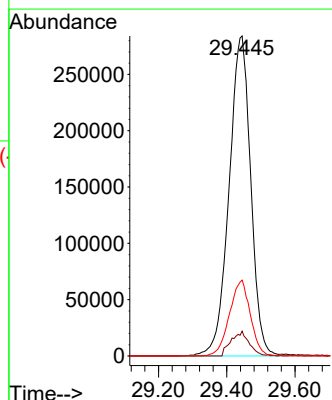
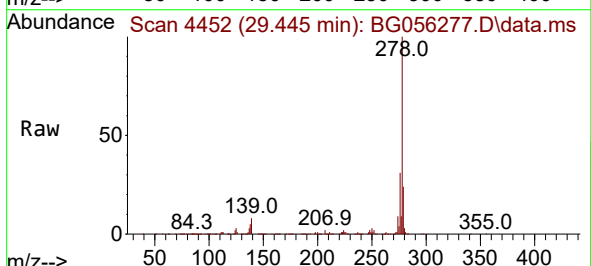
Tgt Ion:278 Resp: 1252472

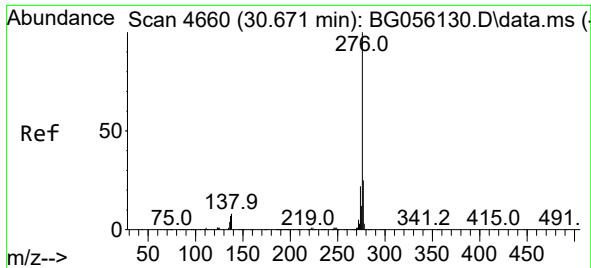
Ion Ratio Lower Upper

278 100

139 7.7 4.8 7.2#

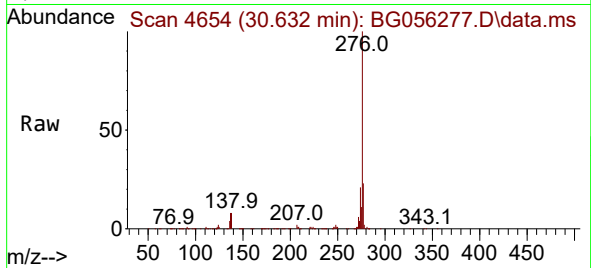
279 23.7 19.0 28.4





#92
 Benzo(g,h,i)perylene
 Concen: 45.025 ng
 RT: 30.632 min Scan# 4
 Delta R.T. 0.017 min
 Lab File: BG056277.D
 Acq: 13 Jan 2023 14:26

Instrument :
 BNA_G
 ClientSampleId :
 PB150241BS



Tgt Ion:276 Resp: 1200683

Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.7	29.5
138	7.9	6.7	10.1

