

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050922\
 Data File : BG053489.D
 Acq On : 9 May 2022 12:28
 Operator : CG/JU
 Sample : PB144630BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144630BSD

Quant Time: May 09 16:21:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 02:13:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.091	152	25953	20.000	ng	0.00
21) Naphthalene-d8	10.905	136	114646	20.000	ng	0.00
39) Acenaphthene-d10	14.717	164	91406	20.000	ng	0.00
64) Phenanthrene-d10	17.461	188	214176	20.000	ng	0.00
76) Chrysene-d12	21.743	240	213590	20.000	ng	0.00
86) Perylene-d12	25.027	264	215893	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.659	112	210580	137.704	ng	0.00
7) Phenol-d6	7.251	99	309096	133.183	ng	0.00
23) Nitrobenzene-d5	9.254	82	214656	79.702	ng	0.00
42) 2,4,6-Tribromophenol	16.203	330	159893	118.603	ng	0.00
45) 2-Fluorobiphenyl	13.343	172	489150	78.199	ng	0.00
79) Terphenyl-d14	20.063	244	939447	81.918	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.532	88	24703	30.788	ng	93
3) Pyridine	3.938	79	49137	25.076	ng	95
4) n-Nitrosodimethylamine	3.844	42	41585	43.566	ng	# 100
6) Aniline	7.409	93	108613	42.254	ng	98
8) 2-Chlorophenol	7.656	128	80134	50.126	ng	96
9) Benzaldehyde	7.221	77	47270	32.061	ng	96
10) Phenol	7.280	94	115501	50.885	ng	95
11) bis(2-Chloroethyl)ether	7.503	93	75955	44.868	ng	98
12) 1,3-Dichlorobenzene	7.979	146	78981	41.879	ng	94
13) 1,4-Dichlorobenzene	8.126	146	80272	42.179	ng	98
14) 1,2-Dichlorobenzene	8.443	146	78185	43.749	ng	97
15) Benzyl Alcohol	8.326	79	96278	49.620	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.608	45	126731	45.996	ng	99
17) 2-Methylphenol	8.531	107	77547	50.547	ng	97
18) Hexachloroethane	9.178	117	29996	41.505	ng	96
19) n-Nitroso-di-n-propyla...	8.890	70	75006	45.044	ng	97
20) 3+4-Methylphenols	8.860	107	107720	49.715	ng	98
22) Acetophenone	8.913	105	132392	42.194	ng	97
24) Nitrobenzene	9.295	77	115881	44.455	ng	97
25) Isophorone	9.818	82	201675	44.495	ng	97
26) 2-Nitrophenol	10.012	139	48441	45.883	ng	95
27) 2,4-Dimethylphenol	10.071	122	81218	51.118	ng	99
28) bis(2-Chloroethoxy)met...	10.294	93	111050	42.600	ng	98
29) 2,4-Dichlorophenol	10.552	162	91846	47.897	ng	95
30) 1,2,4-Trichlorobenzene	10.764	180	90874	41.710	ng	98
31) Naphthalene	10.952	128	248544	42.619	ng	99
32) Benzoic acid	10.241	122	32626	35.529	ng	90
33) 4-Chloroaniline	11.057	127	74003	30.301	ng	99
34) Hexachlorobutadiene	11.240	225	65559	40.579	ng	98
35) Caprolactam	11.868	113	5774	8.286	ng	93
36) 4-Chloro-3-methylphenol	12.179	107	107427	46.834	ng	98
37) 2-Methylnaphthalene	12.550	142	193116	44.373	ng	98
38) 1-Methylnaphthalene	12.550	142	193116	45.480	ng	94
40) 1,2,4,5-Tetrachloroben...	12.920	216	123536	42.876	ng	98
41) Hexachlorocyclopentadiene	12.896	237	114545	95.658	ng	96
43) 2,4,6-Trichlorophenol	13.155	196	80996	43.066	ng	96

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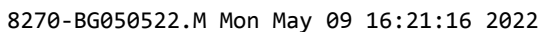
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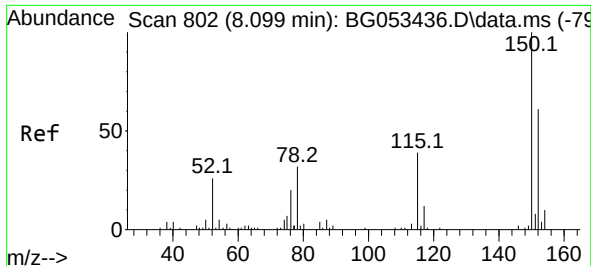
Quant Time: May 09 16:21:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.237	196	89893	44.909	ng	98
46) 1,1'-Biphenyl	13.548	154	264518	42.455	ng	99
47) 2-Chloronaphthalene	13.595	162	202864	41.558	ng	97
48) 2-Nitroaniline	13.795	65	79877	43.914	ng	99
49) Acenaphthylene	14.441	152	334456	42.936	ng	100
50) Dimethylphthalate	14.165	163	292355	42.090	ng	98
51) 2,6-Dinitrotoluene	14.288	165	62673	44.288	ng	99
52) Acenaphthene	14.782	154	196590	42.348	ng	97
53) 3-Nitroaniline	14.617	138	48887	31.973	ng	98
54) 2,4-Dinitrophenol	14.835	184	73591	81.774	ng	96
55) Dibenzofuran	15.117	168	338369	40.580	ng	99
56) 4-Nitrophenol	14.935	139	93876	85.959	ng	# 88
57) 2,4-Dinitrotoluene	15.076	165	92486	45.088	ng	# 92
58) Fluorene	15.763	166	282131	42.163	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.346	232	85773	42.234	ng	99
60) Diethylphthalate	15.522	149	301525	42.024	ng	98
61) 4-Chlorophenyl-phenyle...	15.751	204	155128	41.546	ng	96
62) 4-Nitroaniline	15.780	138	65360	41.213	ng	97
63) Azobenzene	16.045	77	304975	41.509	ng	98
65) 4,6-Dinitro-2-methylph...	15.845	198	55715	43.656	ng	97
66) n-Nitrosodiphenylamine	15.963	169	249286	44.331	ng	99
67) 4-Bromophenyl-phenylether	16.644	248	109798	43.896	ng	95
68) Hexachlorobenzene	16.773	284	122220	44.615	ng	97
69) Atrazine	16.908	200	108289	45.744	ng	96
70) Pentachlorophenol	17.120	266	121806	82.416	ng	95
71) Phenanthrene	17.508	178	484344	44.474	ng	99
72) Anthracene	17.596	178	486996	45.495	ng	99
73) Carbazole	17.860	167	437023	41.657	ng	99
74) Di-n-butylphthalate	18.412	149	513436	43.516	ng	99
75) Fluoranthene	19.511	202	620339	43.992	ng	99
77) Benzidine	19.681	184	221757	48.170	ng	98
78) Pyrene	19.875	202	613028	44.336	ng	100
80) Butylbenzylphthalate	20.744	149	224954	44.368	ng	96
81) Benzo(a)anthracene	21.725	228	588264	43.181	ng	99
82) 3,3'-Dichlorobenzidine	21.631	252	164683	47.669	ng	98
83) Chrysene	21.790	228	561748	44.150	ng	98
84) Bis(2-ethylhexyl)phtha...	21.614	149	321582	45.953	ng	96
85) Di-n-octyl phthalate	22.836	149	548971	46.391	ng	99
87) Indeno(1,2,3-cd)pyrene	28.786	276	698107	46.428	ng	99
88) Benzo(b)fluoranthene	23.981	252	632542	49.498	ng	99
89) Benzo(k)fluoranthene	24.052	252	593059	47.227	ng	99
90) Benzo(a)pyrene	24.874	252	604682	55.593	ng	99
91) Dibenzo(a,h)anthracene	28.845	278	584830	47.202	ng	99
92) Benzo(g,h,i)perylene	29.967	276	587615	47.845	ng	96

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

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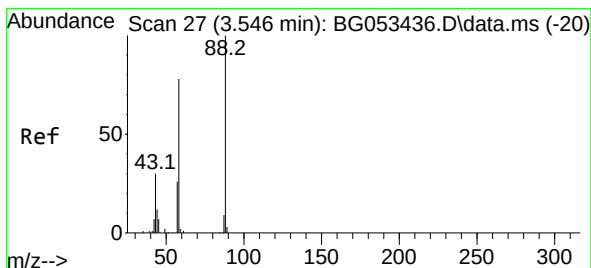
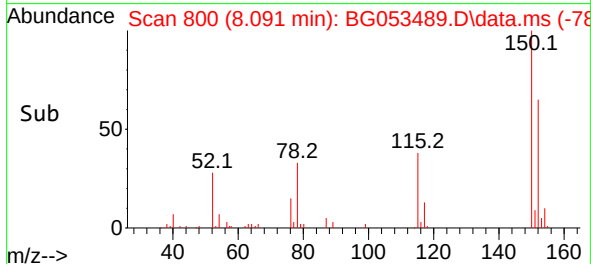
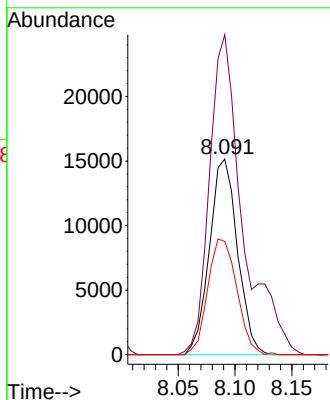
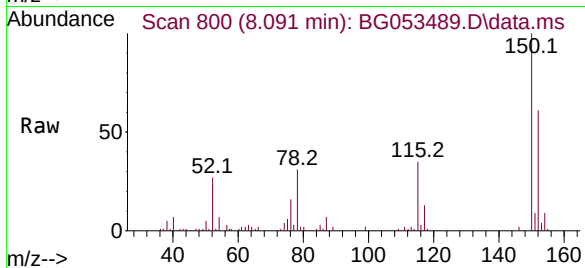




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.091 min Scan# 80
Delta R.T. -0.008 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

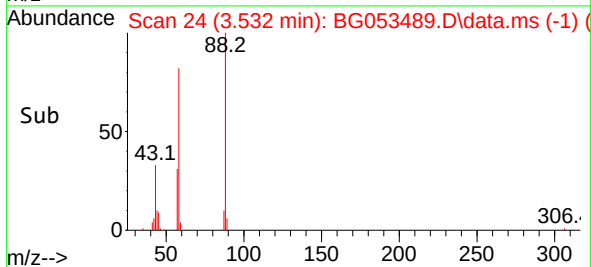
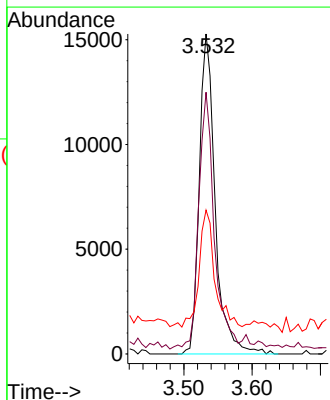
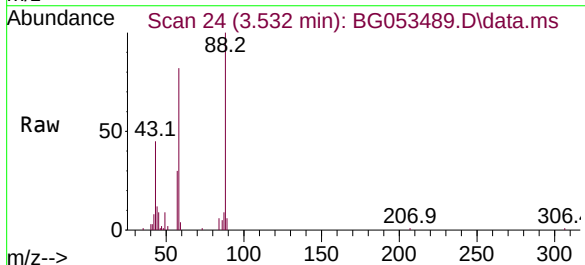
Instrument :
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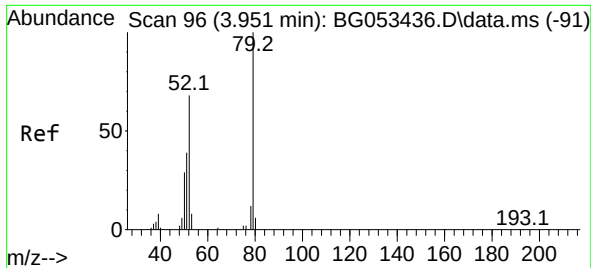
Tgt Ion:152 Resp: 25953
Ion Ratio Lower Upper
152 100
150 163.5 131.6 197.4
115 57.9 50.9 76.3



#2
1,4-Dioxane
Concen: 30.788 ng
RT: 3.532 min Scan# 24
Delta R.T. -0.014 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

Tgt Ion: 88 Resp: 24703
Ion Ratio Lower Upper
88 100
58 78.7 59.2 88.8
43 35.6 24.3 36.5





#3

Pyridine

Concen: 25.076 ng

RT: 3.938 min Scan# 91

Delta R.T. -0.014 min

Lab File: BG053489.D

Acq: 9 May 2022 12:28

Instrument :

BNA_G

ClientSampleId :

PB144630BSD

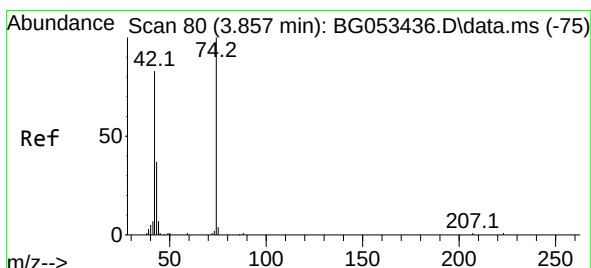
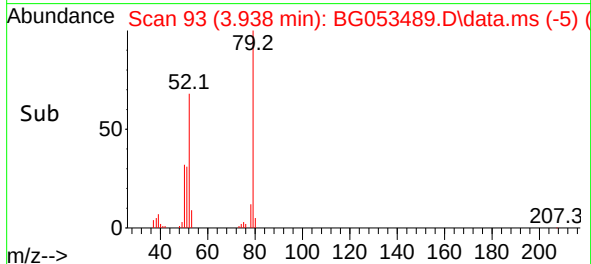
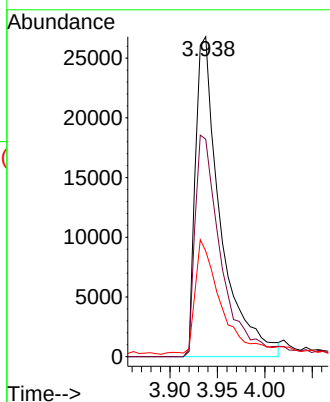
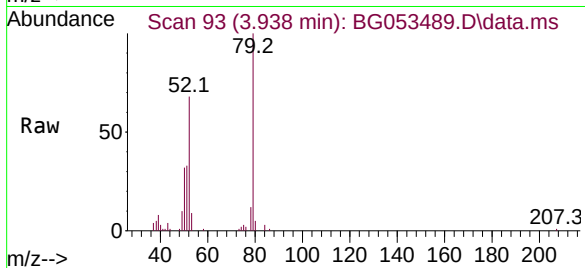
Tgt Ion: 79 Resp: 49137

Ion Ratio Lower Upper

79 100

52 68.0 54.6 81.8

51 33.0 32.5 48.7



#4

n-Nitrosodimethylamine

Concen: 43.566 ng

RT: 3.844 min Scan# 77

Delta R.T. -0.014 min

Lab File: BG053489.D

Acq: 9 May 2022 12:28

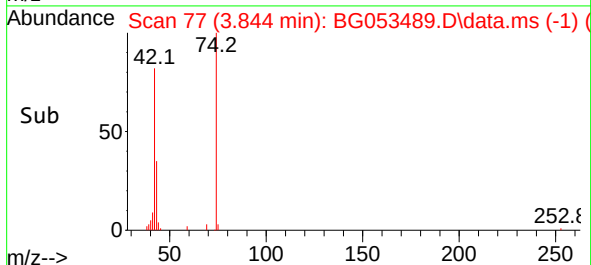
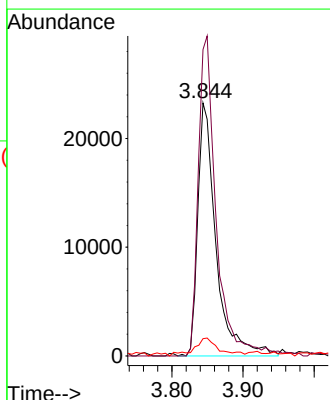
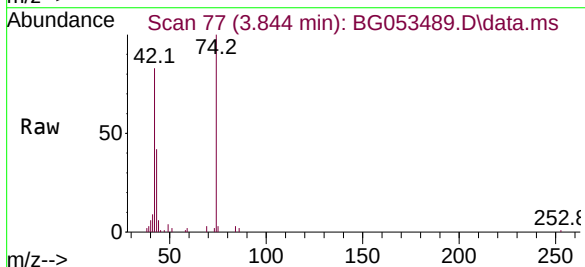
Tgt Ion: 42 Resp: 41585

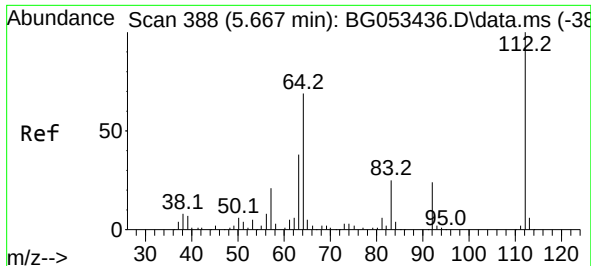
Ion Ratio Lower Upper

42 100

74 121.1 97.0 145.4

44 6.8 7.0 10.4

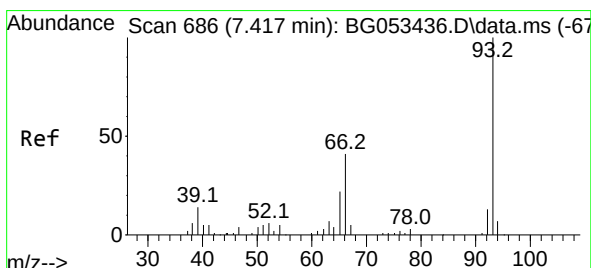
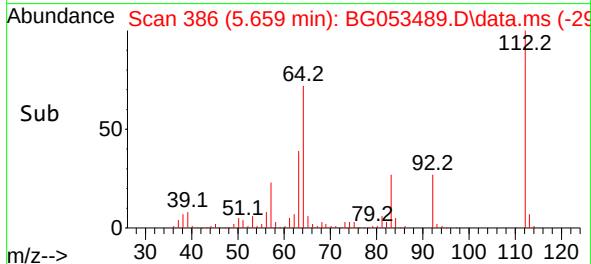
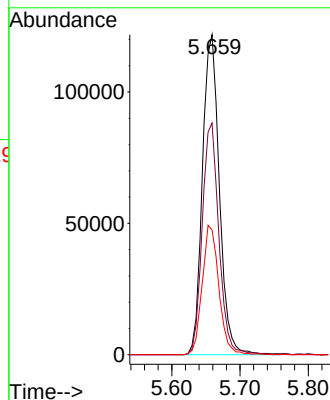
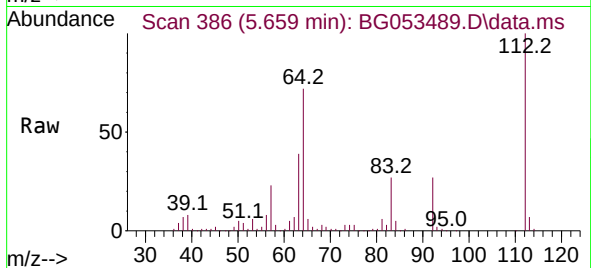




#5
2-Fluorophenol
Concen: 137.704 ng
RT: 5.659 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

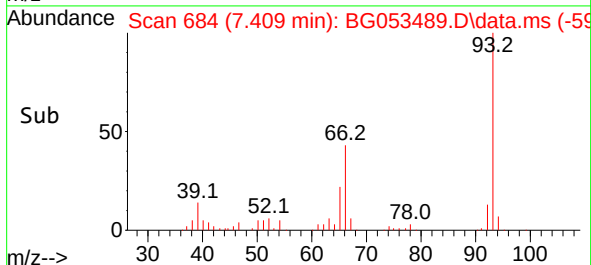
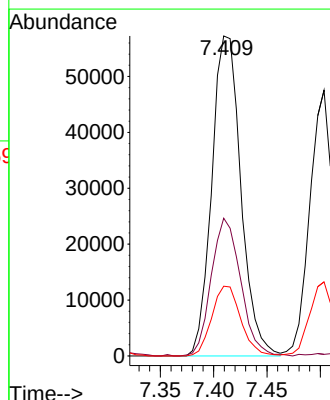
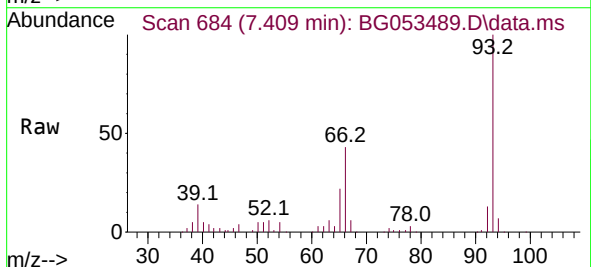
Instrument :
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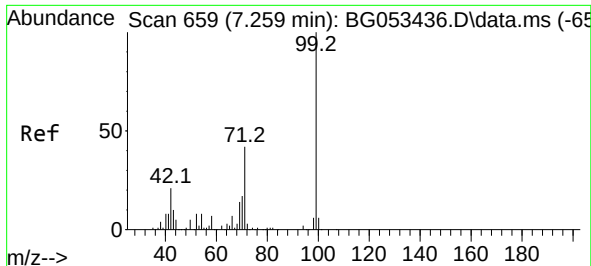
Tgt Ion:112 Resp: 210580
Ion Ratio Lower Upper
112 100
64 72.4 55.1 82.7
63 39.0 30.4 45.6



#6
Aniline
Concen: 42.254 ng
RT: 7.409 min Scan# 684
Delta R.T. -0.008 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

Tgt Ion: 93 Resp: 108613
Ion Ratio Lower Upper
93 100
66 43.1 32.9 49.3
65 21.8 17.8 26.8

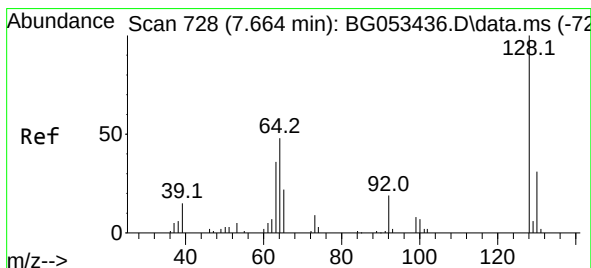
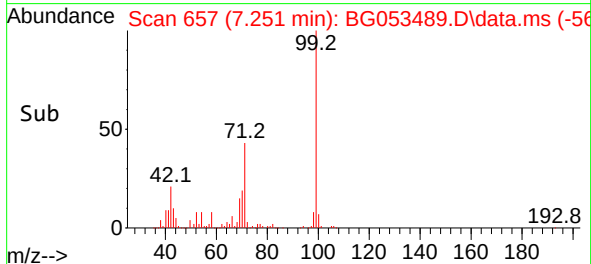
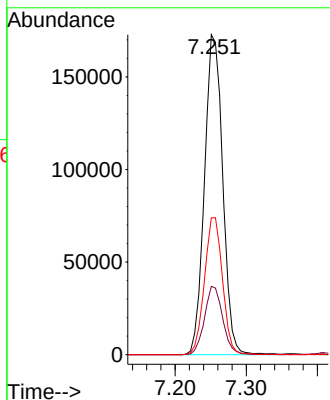
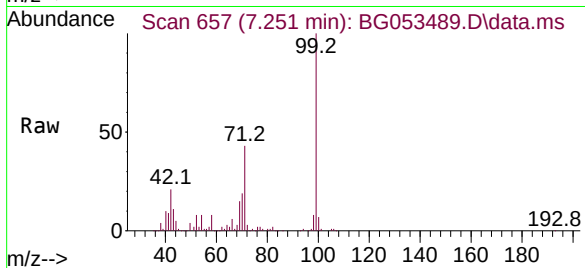




#7
Phenol-d6
Concen: 133.183 ng
RT: 7.251 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

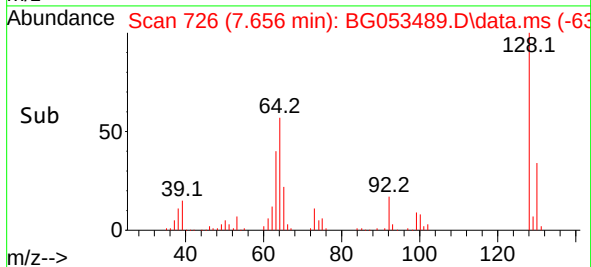
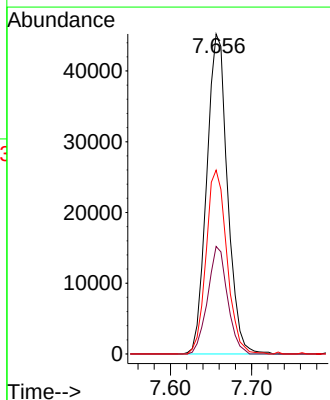
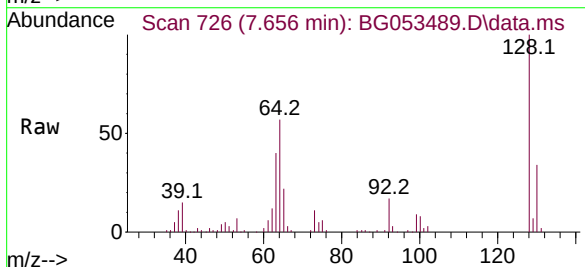
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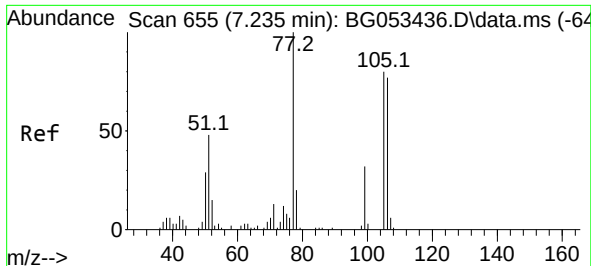
Tgt Ion: 99 Resp: 309096
Ion Ratio Lower Upper
99 100
42 21.4 17.0 25.6
71 42.7 33.8 50.8



#8
2-Chlorophenol
Concen: 50.126 ng
RT: 7.656 min Scan# 726
Delta R.T. -0.008 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

Tgt Ion: 128 Resp: 80134
Ion Ratio Lower Upper
128 100
130 33.6 10.5 50.5
64 57.4 35.1 75.1

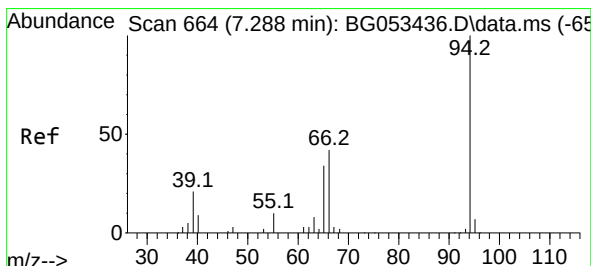
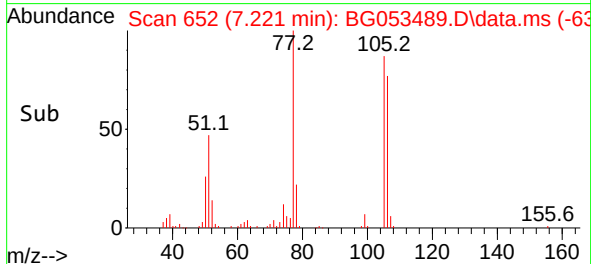
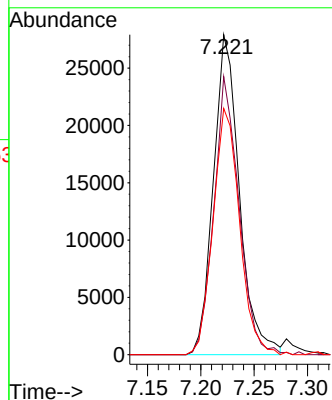
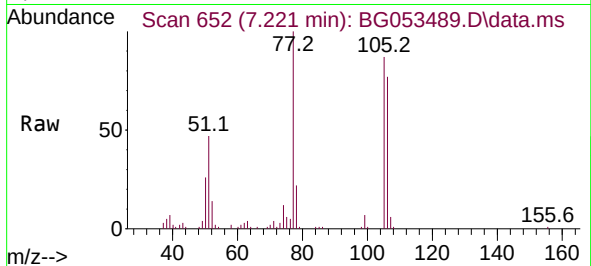




#9
Benzaldehyde
Concen: 32.061 ng
RT: 7.221 min Scan# 61
Delta R.T. -0.014 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

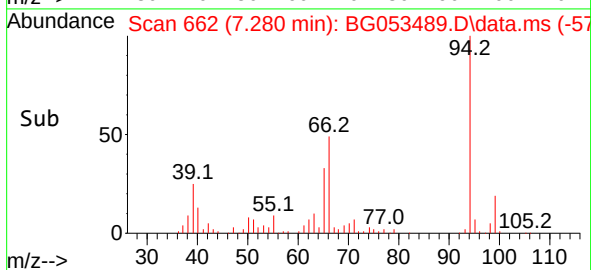
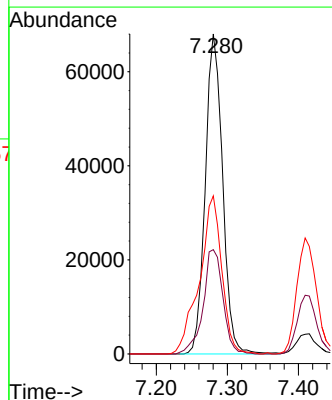
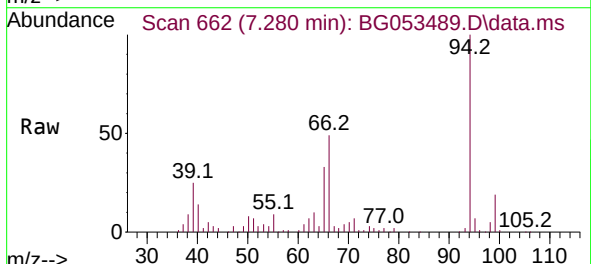
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ClientSampleId :
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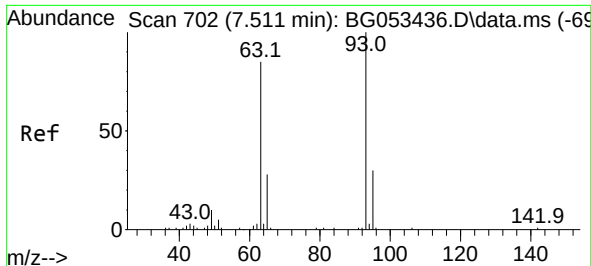
Tgt Ion: 77 Resp: 47270
Ion Ratio Lower Upper
77 100
105 86.9 59.6 99.6
106 76.9 56.8 96.8



#10
Phenol
Concen: 50.885 ng
RT: 7.280 min Scan# 662
Delta R.T. -0.008 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

Tgt Ion: 94 Resp: 115501
Ion Ratio Lower Upper
94 100
65 32.6 14.8 54.8
66 49.4 25.2 65.2

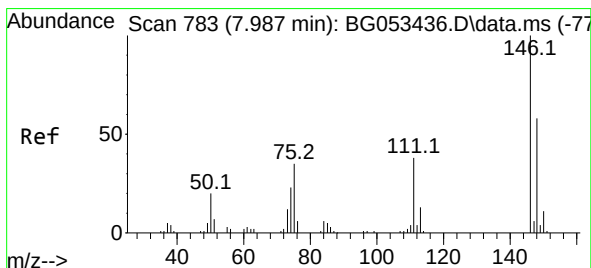
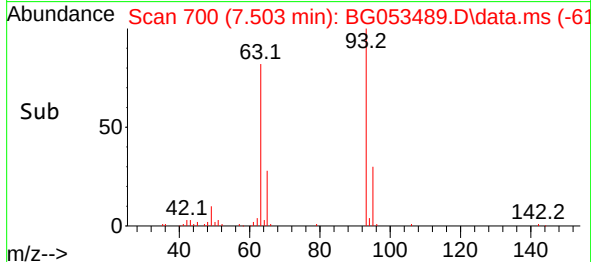
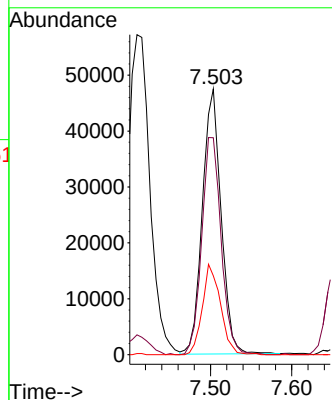
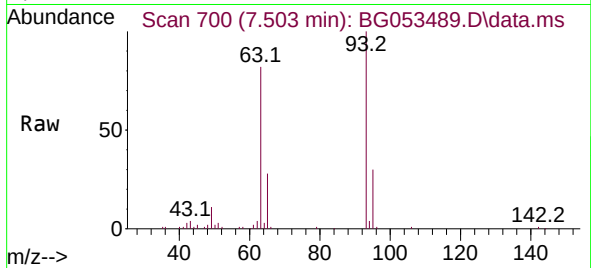




#11
bis(2-Chloroethyl)ether
Concen: 44.868 ng
RT: 7.503 min Scan# 702
Delta R.T. -0.008 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

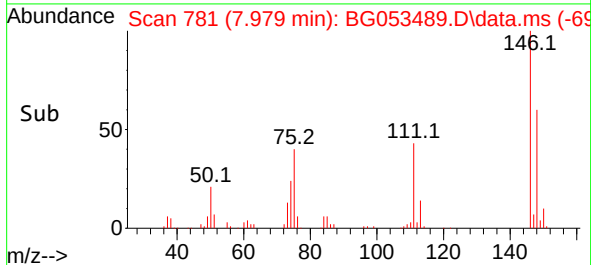
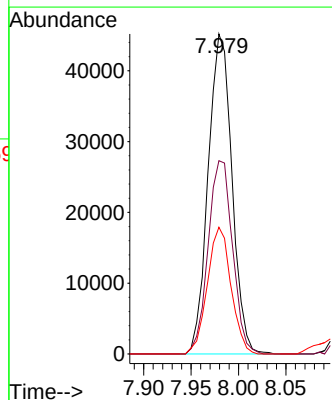
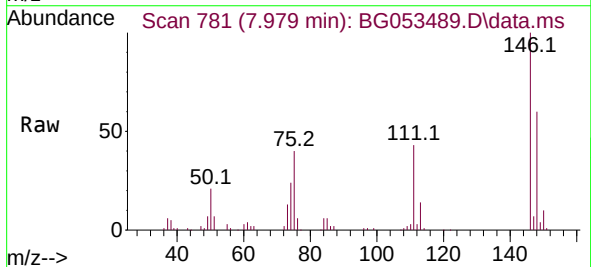
Instrument :
BNA_G
ClientSampleId :
PB144630BSD

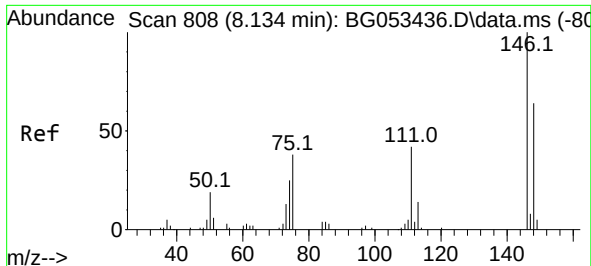
Tgt Ion: 93 Resp: 75955
Ion Ratio Lower Upper
93 100
63 81.6 63.6 103.6
95 29.7 10.1 50.1



#12
1,3-Dichlorobenzene
Concen: 41.879 ng
RT: 7.979 min Scan# 781
Delta R.T. -0.008 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

Tgt Ion: 146 Resp: 78981
Ion Ratio Lower Upper
146 100
148 60.4 46.1 69.1
75 39.6 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 42.179 ng

RT: 8.126 min Scan# 80

Delta R.T. -0.008 min

Lab File: BG053489.D

Acq: 9 May 2022 12:28

Instrument :

BNA_G

ClientSampleId :

PB144630BSD

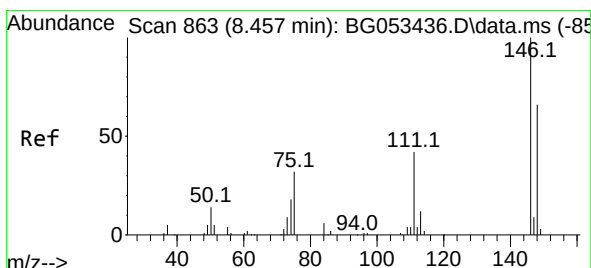
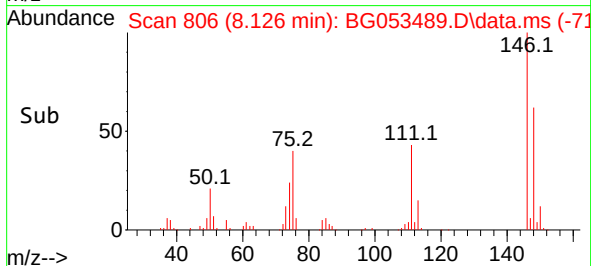
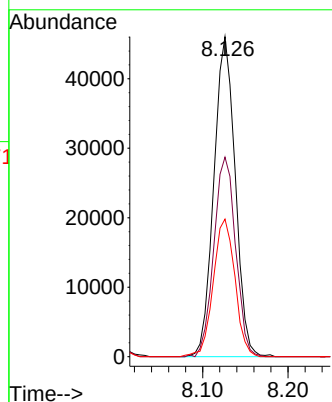
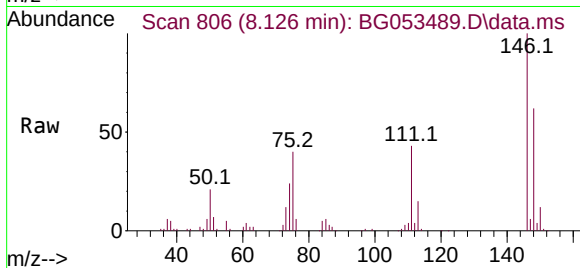
Tgt Ion:146 Resp: 80272

Ion Ratio Lower Upper

146 100

148 62.3 51.5 77.3

111 43.0 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 43.749 ng

RT: 8.443 min Scan# 860

Delta R.T. -0.014 min

Lab File: BG053489.D

Acq: 9 May 2022 12:28

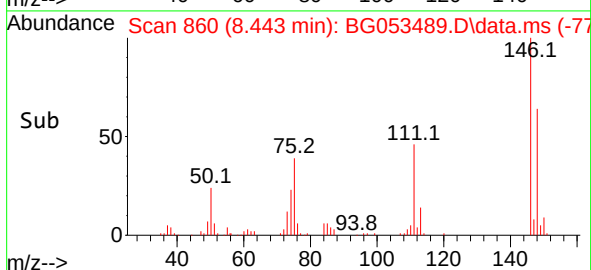
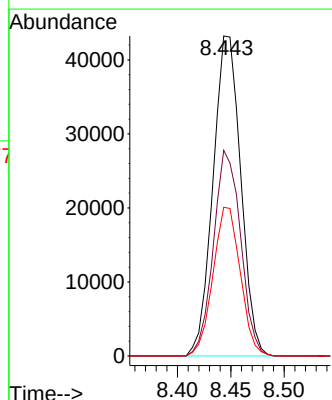
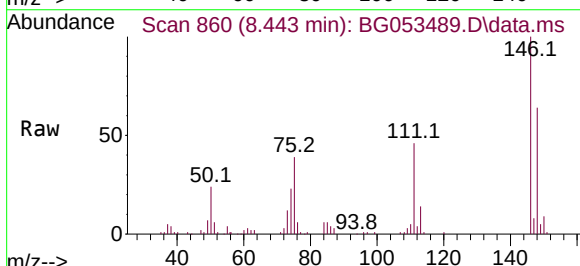
Tgt Ion:146 Resp: 78185

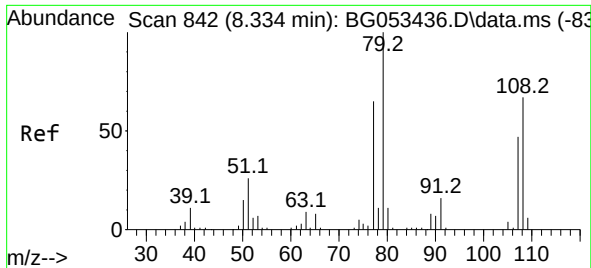
Ion Ratio Lower Upper

146 100

148 64.3 52.6 78.8

111 46.5 34.5 51.7

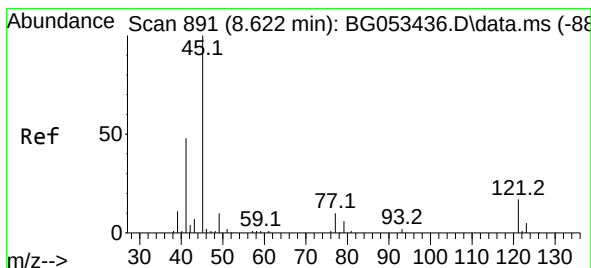
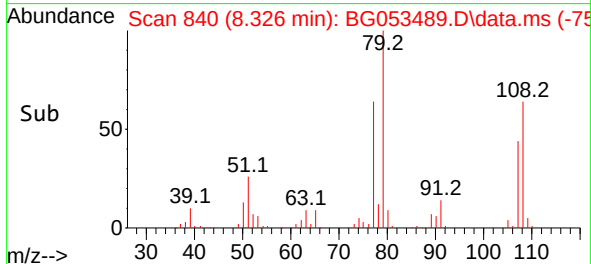
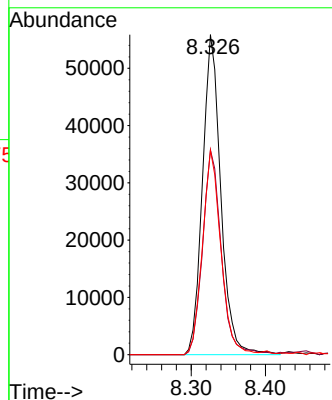
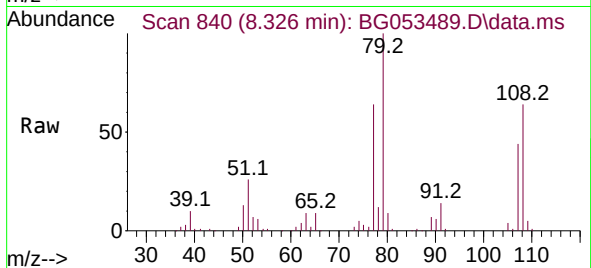




#15
Benzyl Alcohol
Concen: 49.620 ng
RT: 8.326 min Scan# 84
Delta R.T. -0.008 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

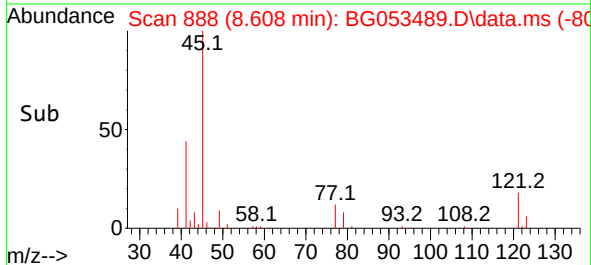
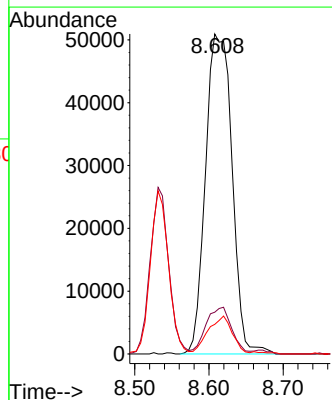
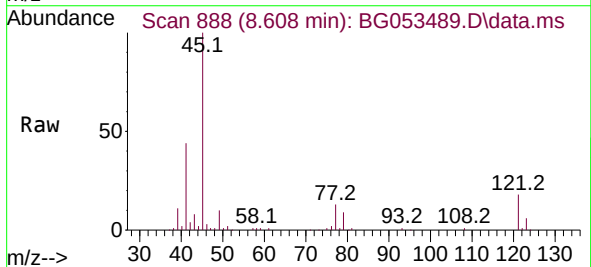
Instrument :
BNA_G
ClientSampleId :
PB144630BSD

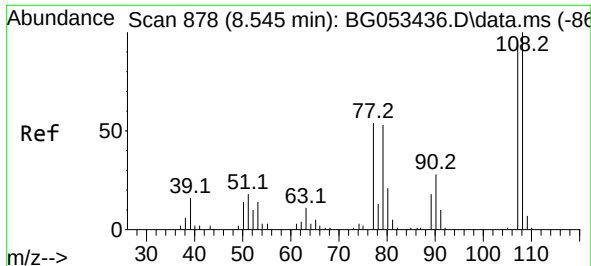
Tgt Ion: 79 Resp: 96278
Ion Ratio Lower Upper
79 100
108 64.0 53.7 80.5
77 63.9 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.996 ng
RT: 8.608 min Scan# 888
Delta R.T. -0.014 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

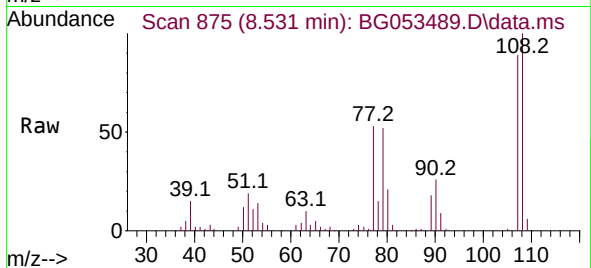
Tgt Ion: 45 Resp: 126731
Ion Ratio Lower Upper
45 100
77 13.0 0.0 32.7
79 9.3 0.0 29.7



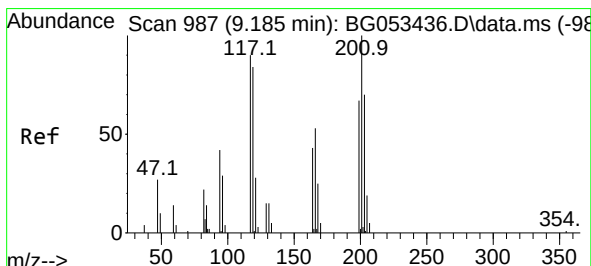
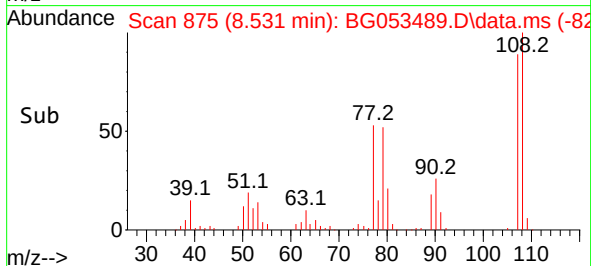
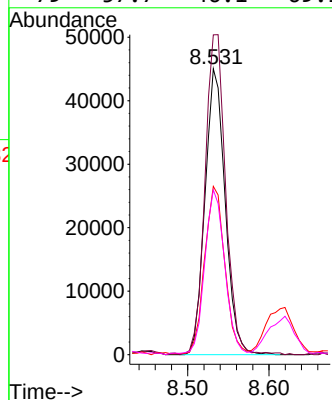


#17
2-Methylphenol
Concen: 50.547 ng
RT: 8.531 min Scan# 81
Delta R.T. -0.014 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

Instrument :
BNA_G
ClientSampleId :
PB144630BSD

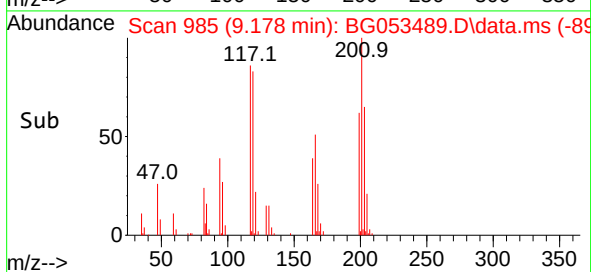
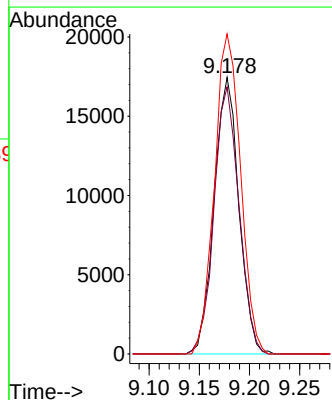
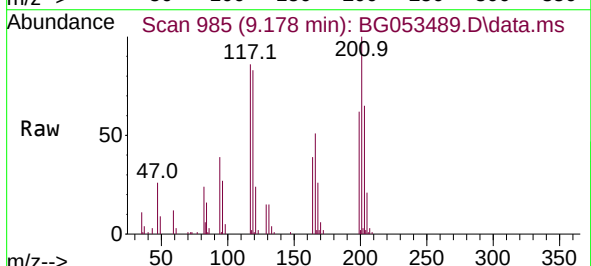


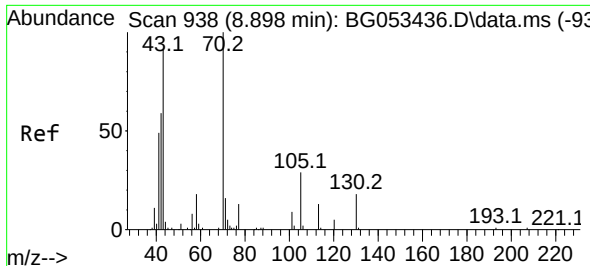
Tgt Ion:	107	Resp:	77547
Ion	Ratio	Lower	Upper
107	100		
108	111.9	85.4	128.0
77	58.9	46.2	69.2
79	57.7	46.1	69.1



#18
Hexachloroethane
Concen: 41.505 ng
RT: 9.178 min Scan# 985
Delta R.T. -0.008 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

Tgt Ion:	117	Resp:	29996
Ion	Ratio	Lower	Upper
117	100		
119	96.6	75.0	112.6
201	115.7	89.0	133.6

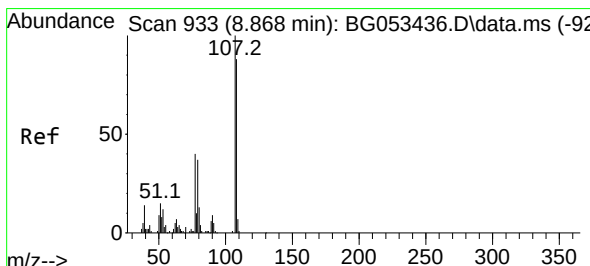
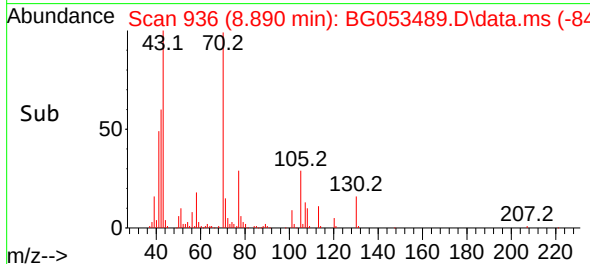
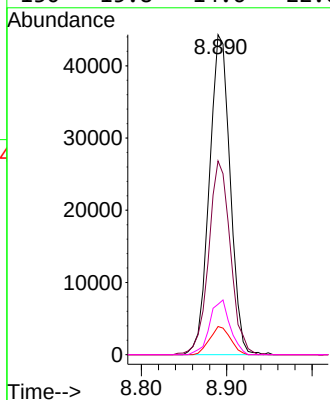
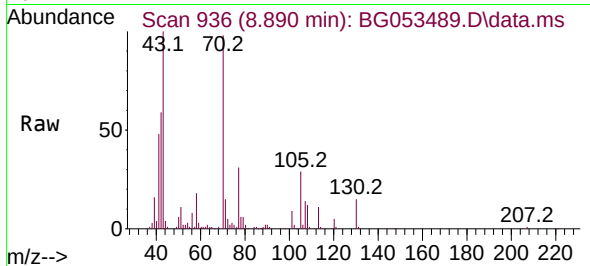




#19
n-Nitroso-di-n-propylamine
Concen: 45.044 ng
RT: 8.890 min Scan# 91
Delta R.T. -0.008 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

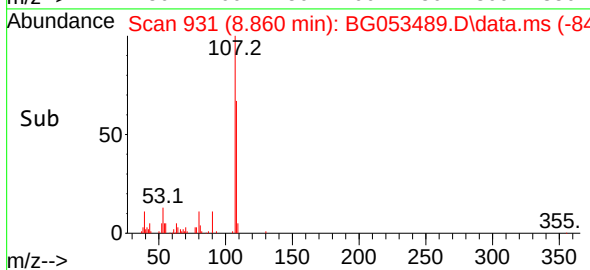
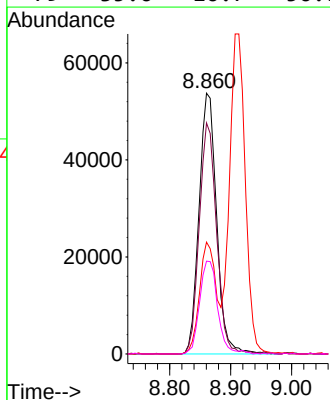
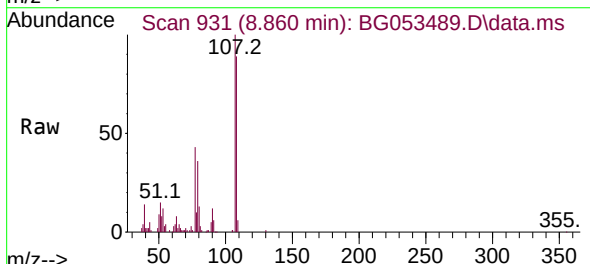
Instrument :
BNA_G
ClientSampleId :
PB144630BSD

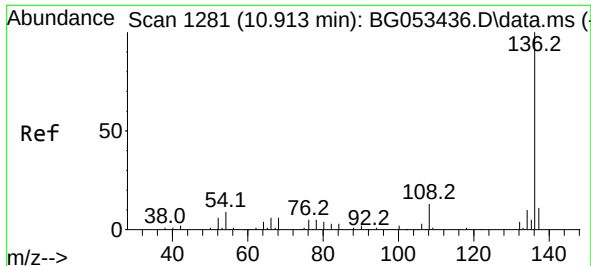
Tgt Ion:	70	Resp:	75006
Ion	Ratio	Lower	Upper
70	100		
42	60.6	47.3	70.9
101	8.8	7.0	10.4
130	15.8	14.6	22.0



#20
3+4-Methylphenols
Concen: 49.715 ng
RT: 8.860 min Scan# 931
Delta R.T. -0.008 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

Tgt Ion:	107	Resp:	107720
Ion	Ratio	Lower	Upper
107	100		
108	88.6	67.5	107.5
77	42.9	20.3	60.3
79	35.6	16.7	56.7

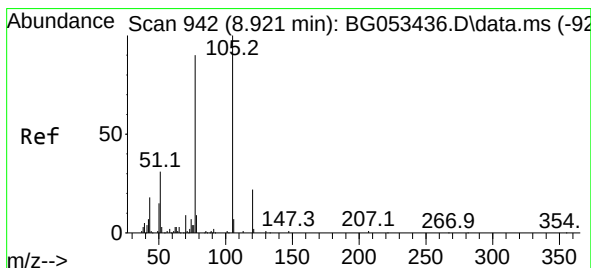
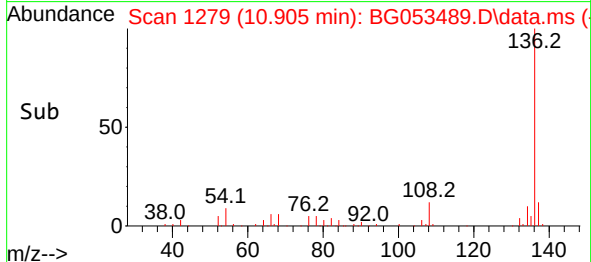
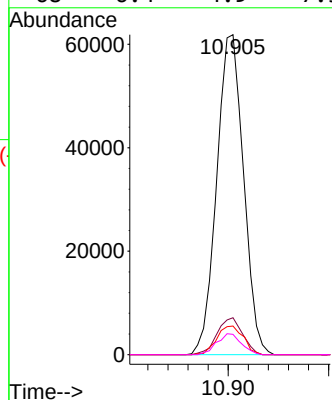
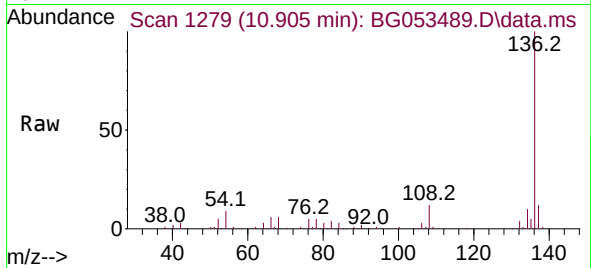




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.905 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

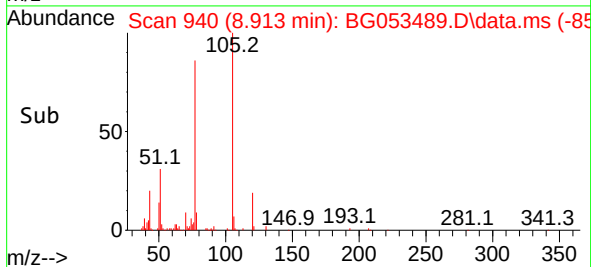
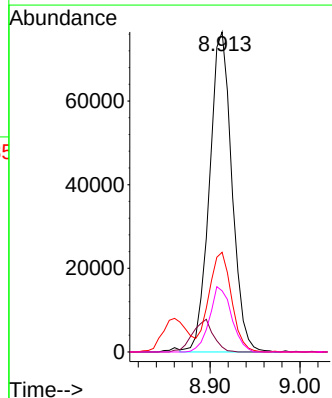
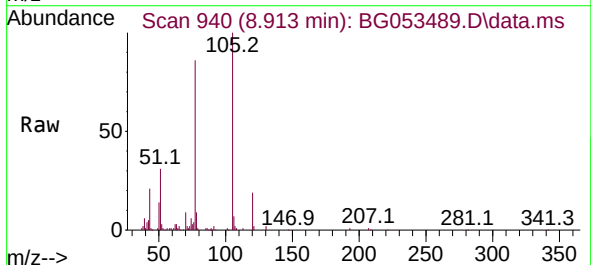
Instrument :
BNA_G
ClientSampleId :
PB144630BSD

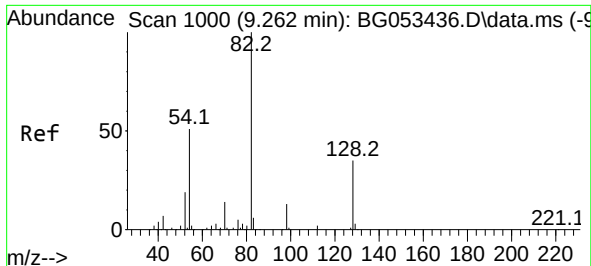
Tgt Ion:	136	Resp:	114646
Ion Ratio	Lower	Upper	
136	100		
137	11.6	8.5	12.7
54	9.0	7.4	11.2
68	6.4	4.9	7.3



#22
Acetophenone
Concen: 42.194 ng
RT: 8.913 min Scan# 940
Delta R.T. -0.008 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

Tgt Ion:	105	Resp:	132392
Ion Ratio	Lower	Upper	
105	100		
71	1.6	1.1	1.7
51	31.2	25.4	38.0
120	19.1	17.3	25.9





#23

Nitrobenzene-d5

Concen: 79.702 ng

RT: 9.254 min Scan# 91

Delta R.T. -0.008 min

Lab File: BG053489.D

Acq: 9 May 2022 12:28

Instrument :

BNA_G

ClientSampleId :

PB144630BSD

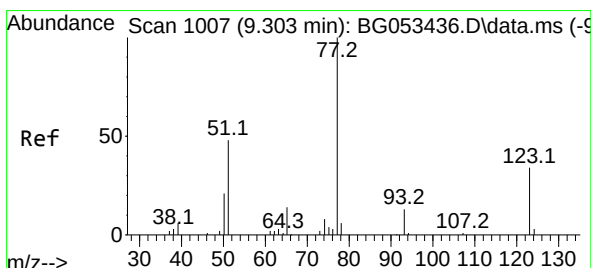
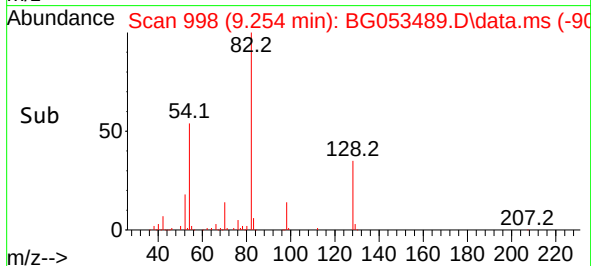
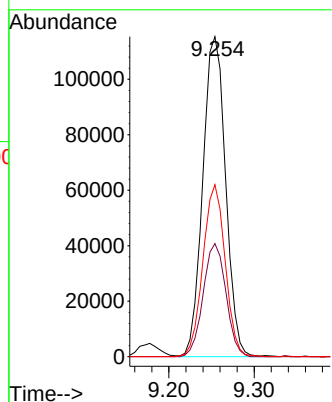
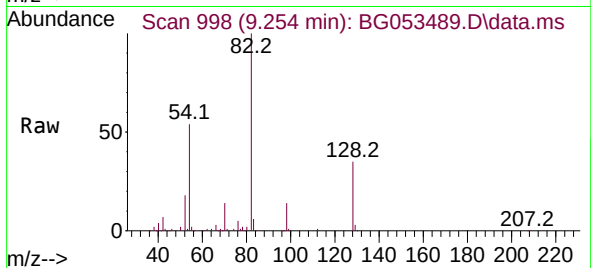
Tgt Ion: 82 Resp: 214656

Ion Ratio Lower Upper

82 100

128 35.3 27.9 41.9

54 53.7 41.2 61.8



#24

Nitrobenzene

Concen: 44.455 ng

RT: 9.295 min Scan# 1005

Delta R.T. -0.008 min

Lab File: BG053489.D

Acq: 9 May 2022 12:28

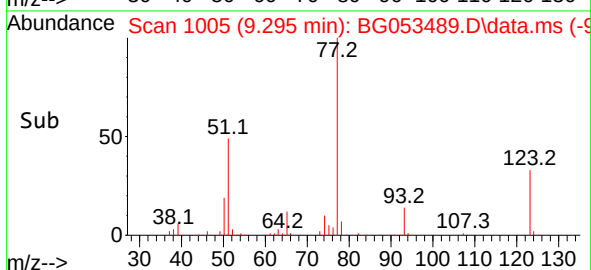
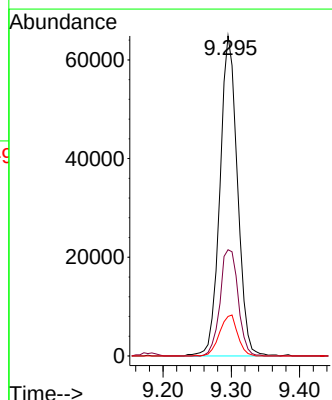
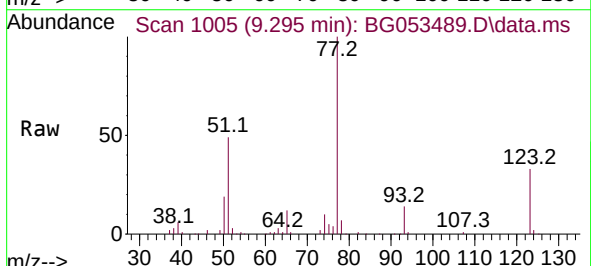
Tgt Ion: 77 Resp: 115881

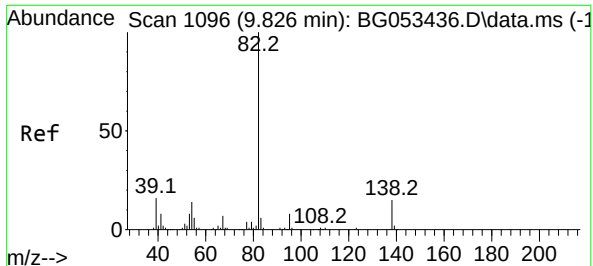
Ion Ratio Lower Upper

77 100

123 33.2 27.4 41.0

65 12.3 11.4 17.0

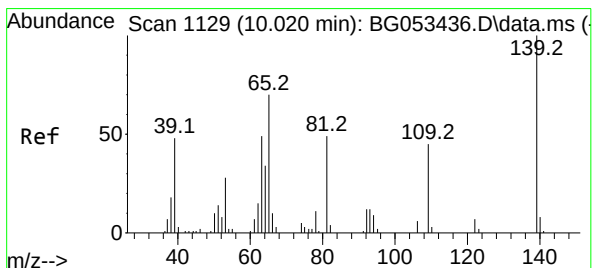
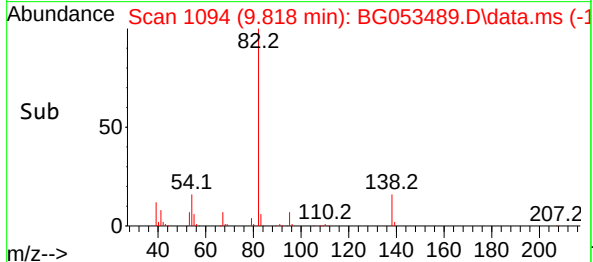
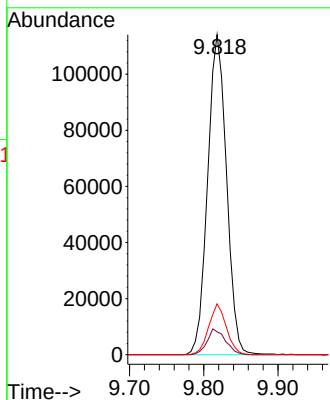
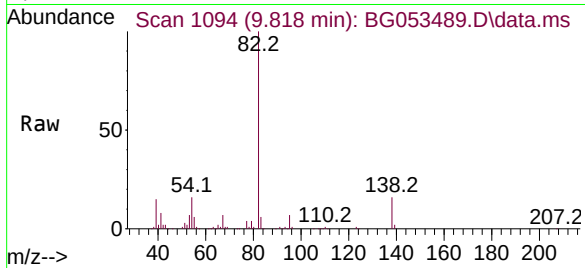




#25
Isophorone
Concen: 44.495 ng
RT: 9.818 min Scan# 1094
Delta R.T. -0.008 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

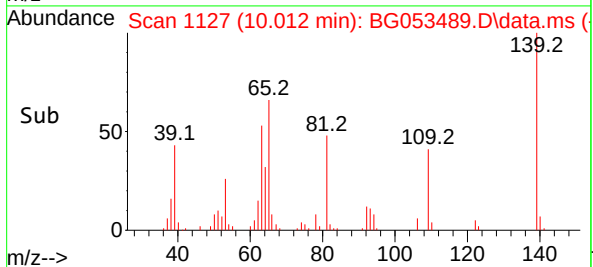
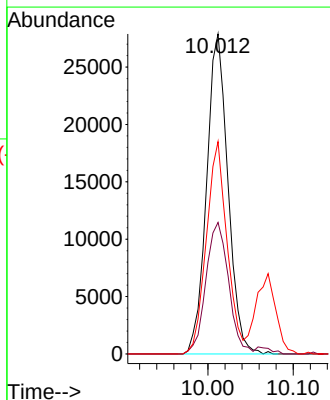
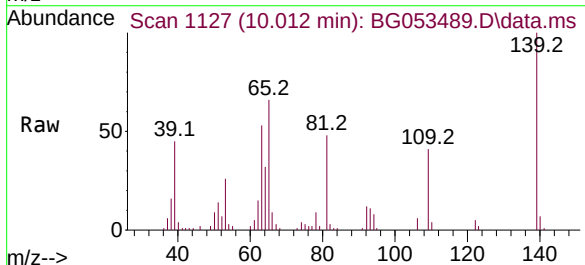
Instrument :
BNA_G
ClientSampleId :
PB144630BSD

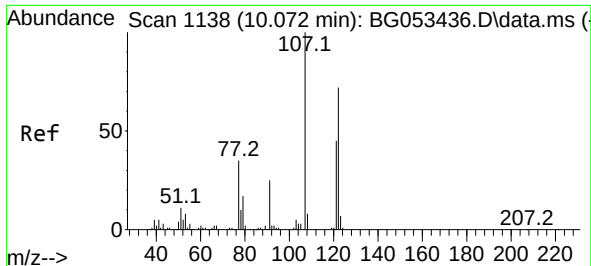
Tgt Ion: 82 Resp: 201675
Ion Ratio Lower Upper
82 100
95 7.2 6.2 9.4
138 15.9 11.6 17.4



#26
2-Nitrophenol
Concen: 45.883 ng
RT: 10.012 min Scan# 1127
Delta R.T. -0.008 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

Tgt Ion:139 Resp: 48441
Ion Ratio Lower Upper
139 100
109 41.1 36.1 54.1
65 66.4 55.8 83.6





#27

2,4-Dimethylphenol

Concen: 51.118 ng

RT: 10.071 min Scan# 1137

Delta R.T. -0.002 min

Lab File: BG053489.D

Acq: 9 May 2022 12:28

Instrument :

BNA_G

ClientSampleId :

PB144630BSD

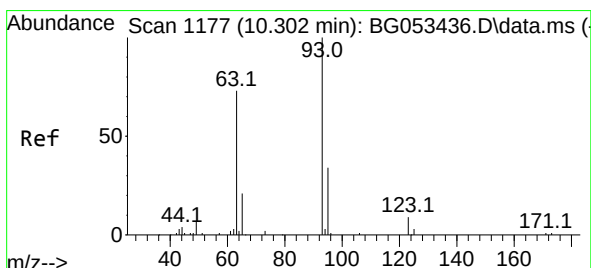
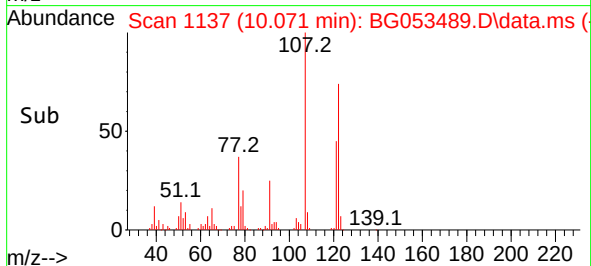
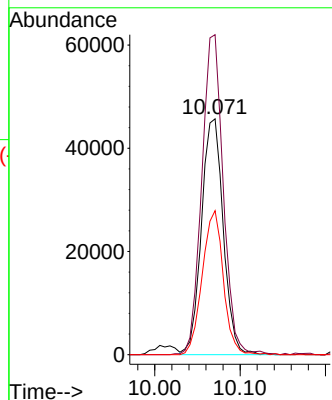
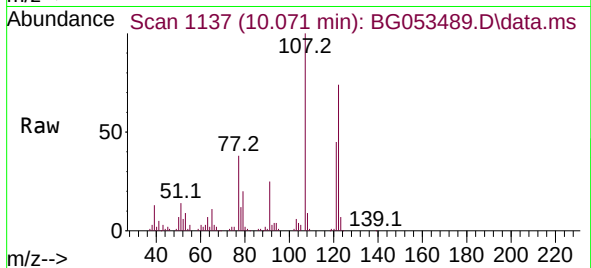
Tgt Ion:122 Resp: 81218

Ion Ratio Lower Upper

122 100

107 135.7 109.4 164.0

121 61.1 48.7 73.1



#28

bis(2-Chloroethoxy)methane

Concen: 42.600 ng

RT: 10.294 min Scan# 1175

Delta R.T. -0.008 min

Lab File: BG053489.D

Acq: 9 May 2022 12:28

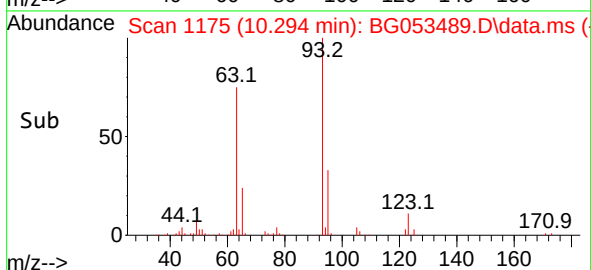
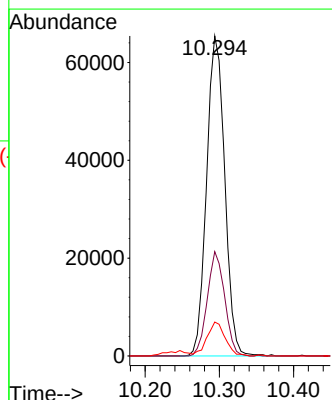
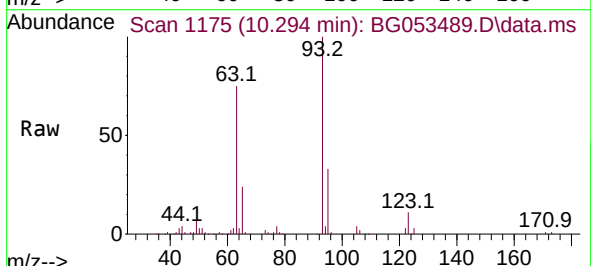
Tgt Ion: 93 Resp: 111050

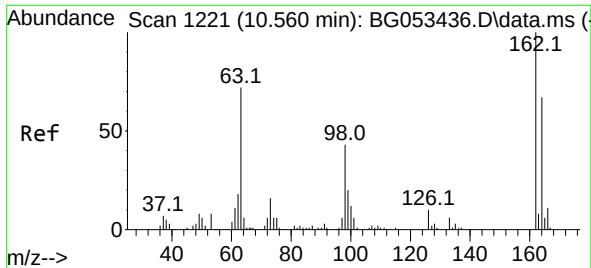
Ion Ratio Lower Upper

93 100

95 32.6 26.9 40.3

123 10.6 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 47.897 ng

RT: 10.552 min Scan# 1219

Delta R.T. -0.008 min

Lab File: BG053489.D

Acq: 9 May 2022 12:28

Instrument :

BNA_G

ClientSampleId :

PB144630BSD

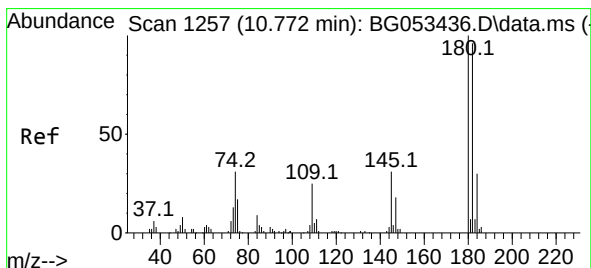
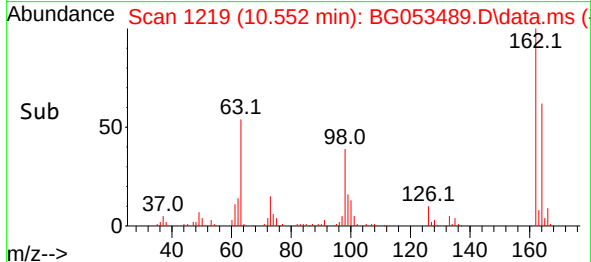
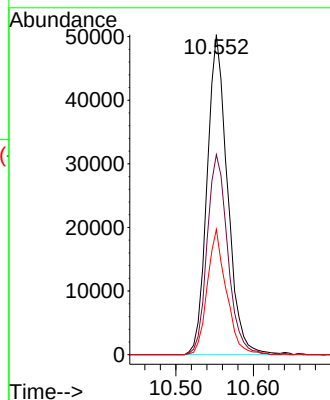
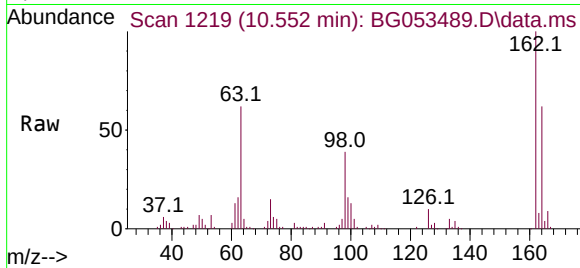
Tgt Ion:162 Resp: 91846

Ion Ratio Lower Upper

162 100

164 62.5 46.6 86.6

98 39.1 22.8 62.8



#30

1,2,4-Trichlorobenzene

Concen: 41.710 ng

RT: 10.764 min Scan# 1255

Delta R.T. -0.008 min

Lab File: BG053489.D

Acq: 9 May 2022 12:28

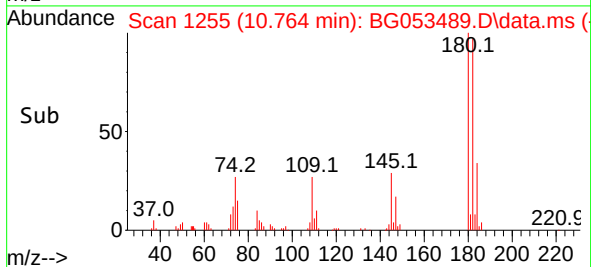
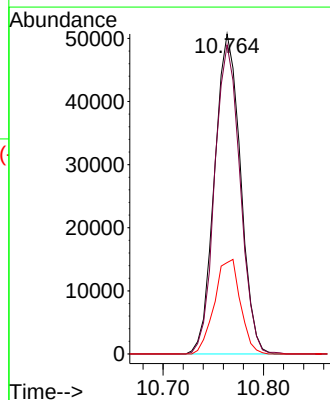
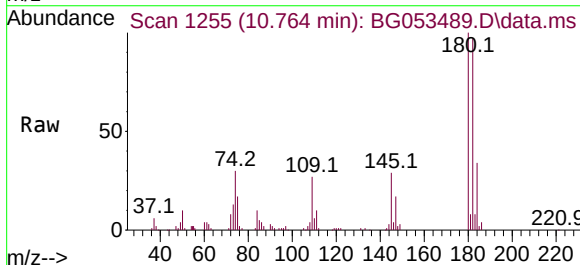
Tgt Ion:180 Resp: 90874

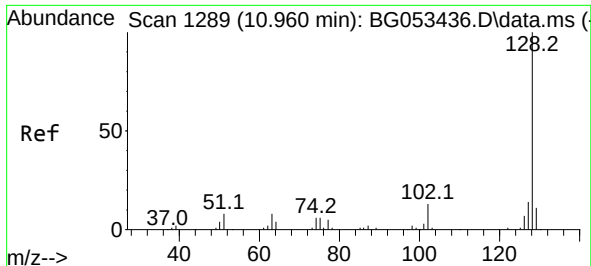
Ion Ratio Lower Upper

180 100

182 96.6 76.6 115.0

145 28.6 25.0 37.4

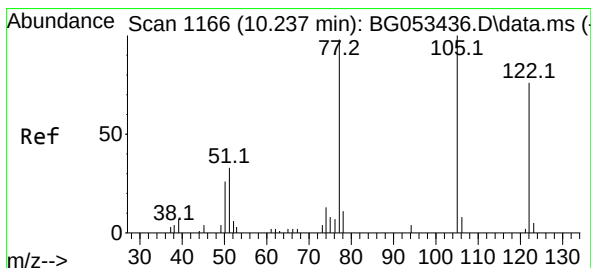
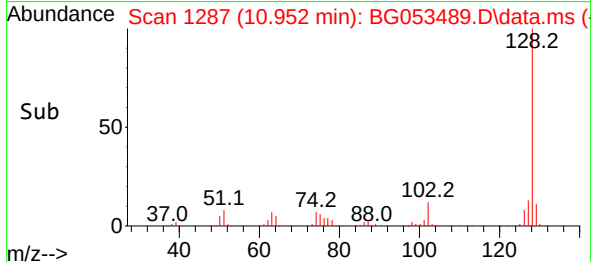
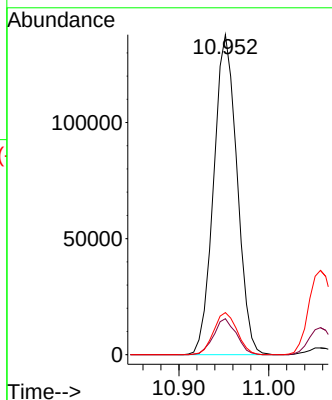
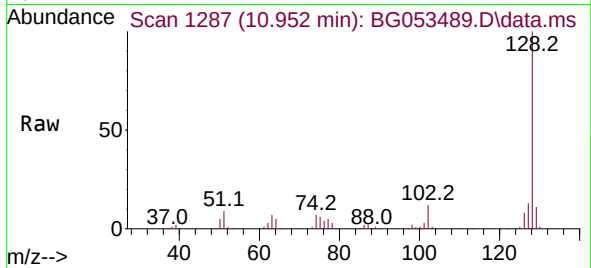




#31
Naphthalene
Concen: 42.619 ng
RT: 10.952 min Scan# 1166
Delta R.T. -0.008 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

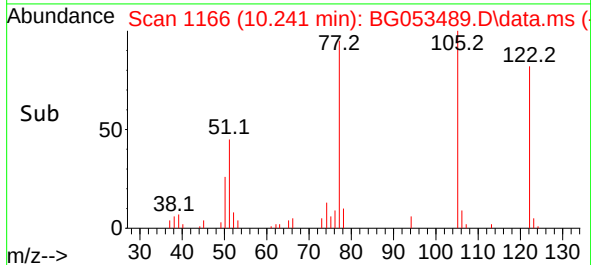
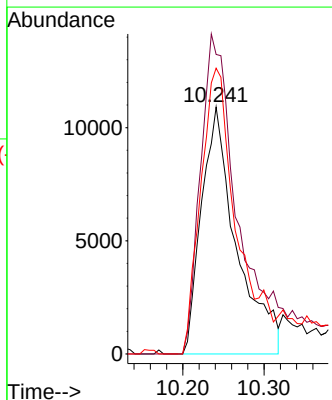
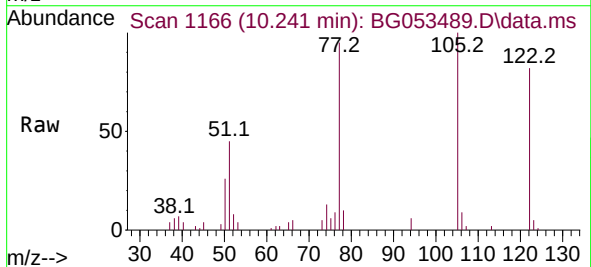
Instrument :
BNA_G
ClientSampleId :
PB144630BSD

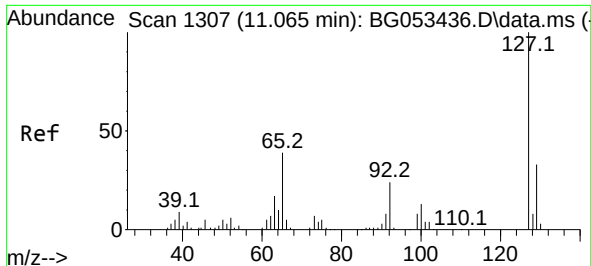
Tgt Ion:128 Resp: 248544
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.1 11.1 16.7



#32
Benzoic acid
Concen: 35.529 ng
RT: 10.241 min Scan# 1166
Delta R.T. 0.004 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

Tgt Ion:122 Resp: 32626
Ion Ratio Lower Upper
122 100
105 121.3 111.8 151.8
77 115.8 109.4 149.4

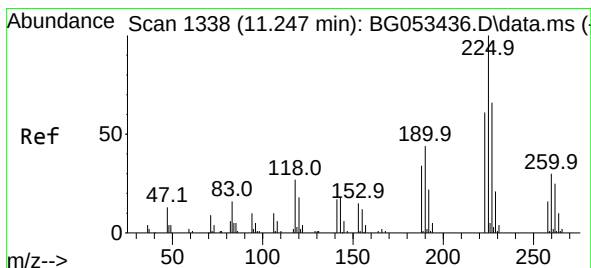
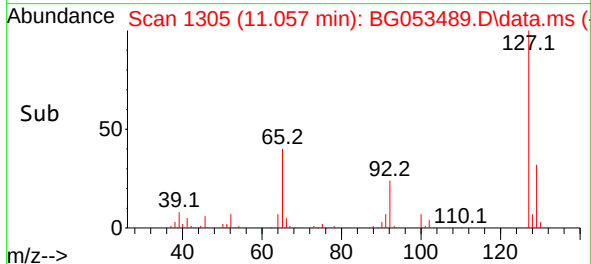
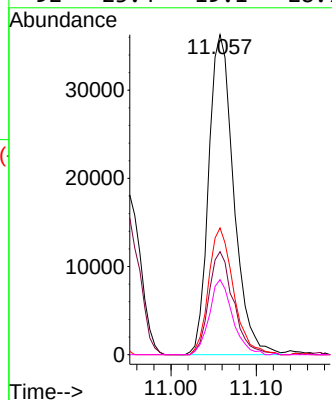
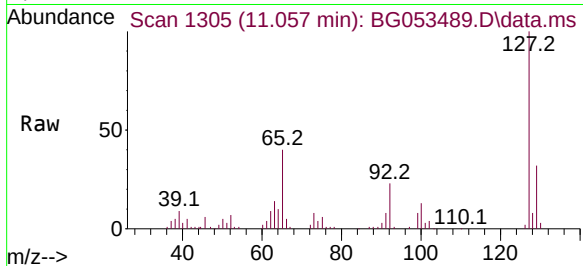




#33
4-Chloroaniline
Concen: 30.301 ng
RT: 11.057 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

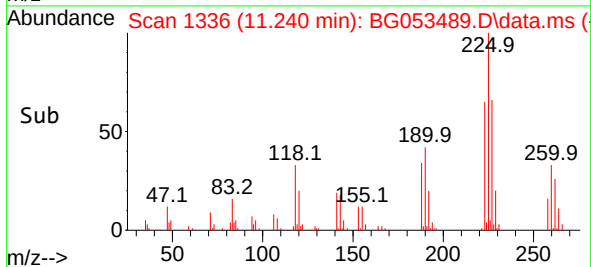
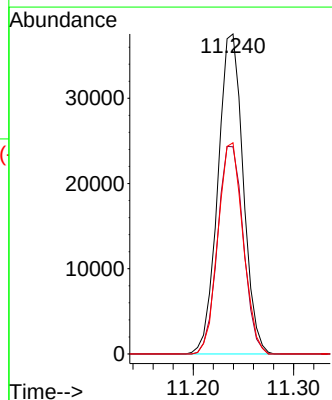
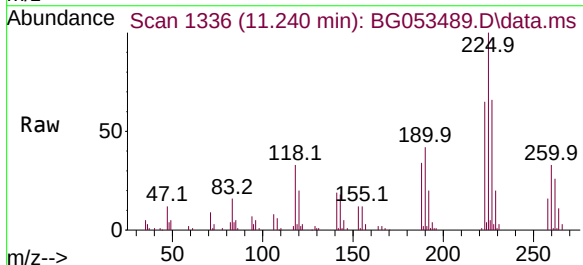
Instrument :
BNA_G
ClientSampleId :
PB144630BSD

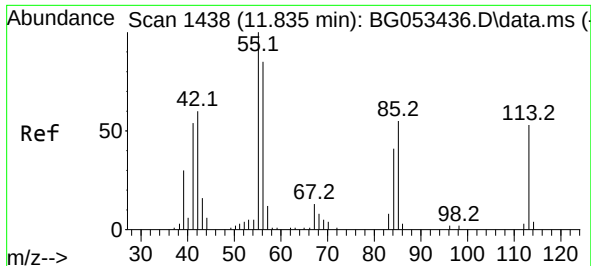
Tgt Ion:127	Resp: 74003
Ion Ratio	Lower Upper
127 100	
129 32.2	26.3 39.5
65 39.6	31.1 46.7
92 23.4	19.1 28.7



#34
Hexachlorobutadiene
Concen: 40.579 ng
RT: 11.240 min Scan# 1336
Delta R.T. -0.008 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

Tgt Ion:225	Resp: 65559
Ion Ratio	Lower Upper
225 100	
223 64.7	48.9 73.3
227 66.0	52.8 79.2

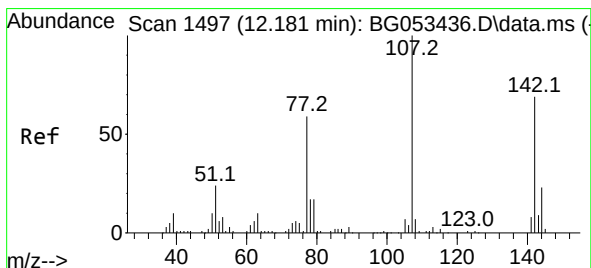
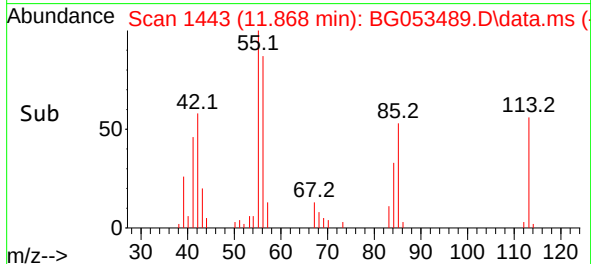
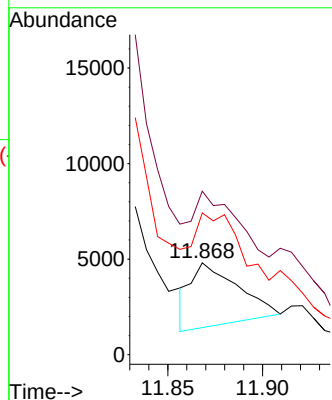
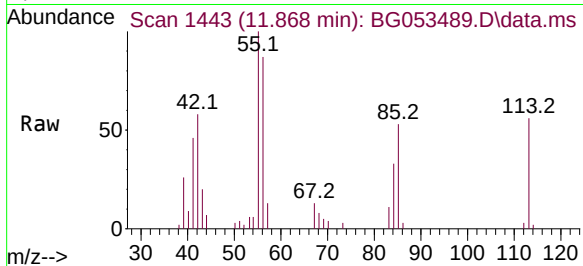




#35
 Caprolactam
 Concen: 8.286 ng
 RT: 11.868 min Scan# 1438
 Delta R.T. 0.033 min
 Lab File: BG053489.D
 Acq: 9 May 2022 12:28

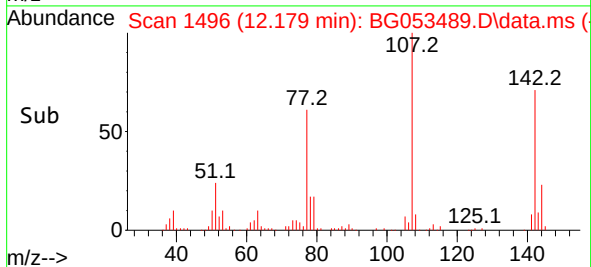
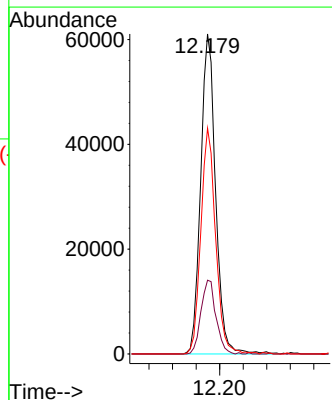
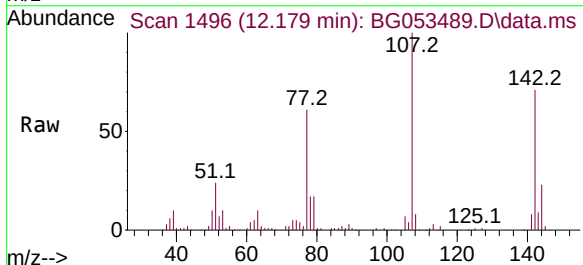
Instrument :
 BNA_G
 ClientSampleId :
 PB144630BSD

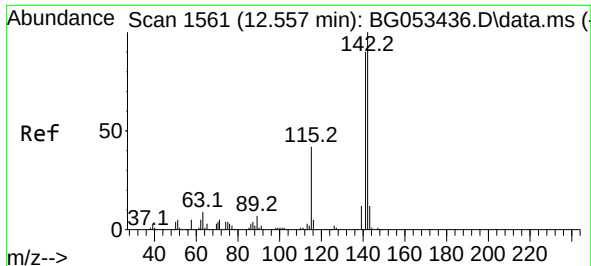
Tgt Ion:113 Resp: 5774
 Ion Ratio Lower Upper
 113 100
 55 177.9 169.8 209.8
 56 154.2 141.2 181.2



#36
 4-Chloro-3-methylphenol
 Concen: 46.834 ng
 RT: 12.179 min Scan# 1496
 Delta R.T. -0.002 min
 Lab File: BG053489.D
 Acq: 9 May 2022 12:28

Tgt Ion:107 Resp: 107427
 Ion Ratio Lower Upper
 107 100
 144 23.1 18.5 27.7
 142 70.5 55.0 82.4





#37

2-Methylnaphthalene

Concen: 44.373 ng

RT: 12.550 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG053489.D

Acq: 9 May 2022 12:28

Instrument :

BNA_G

ClientSampleId :

PB144630BSD

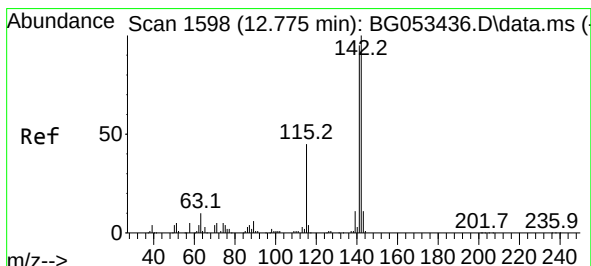
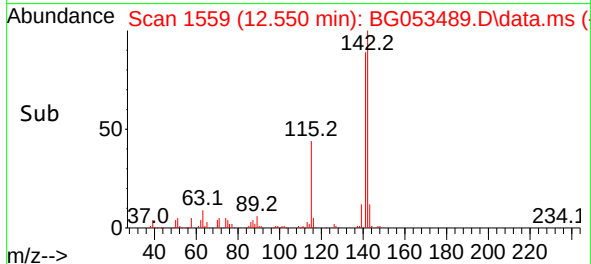
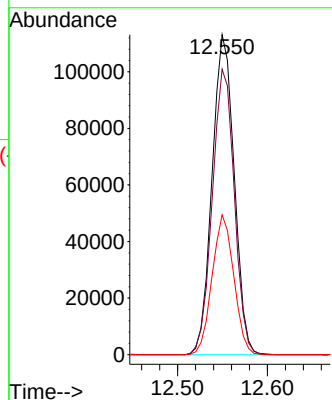
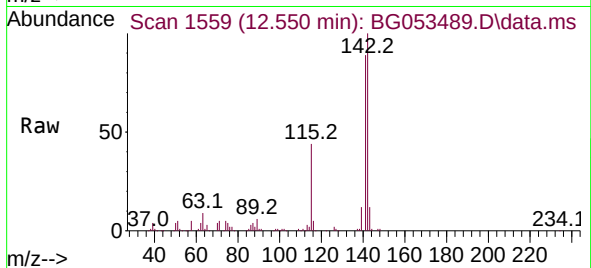
Tgt Ion:142 Resp: 193116

Ion Ratio Lower Upper

142 100

141 89.2 72.3 108.5

115 43.7 33.7 50.5



#38

1-Methylnaphthalene

Concen: 45.480 ng

RT: 12.550 min Scan# 1559

Delta R.T. -0.225 min

Lab File: BG053489.D

Acq: 9 May 2022 12:28

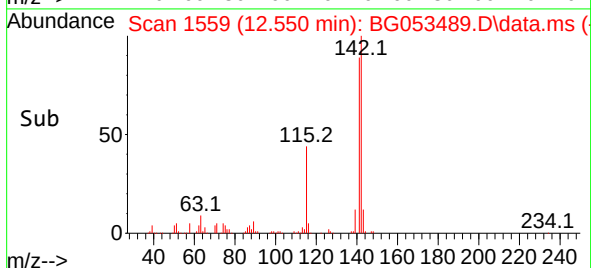
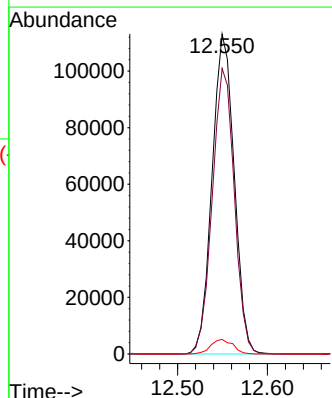
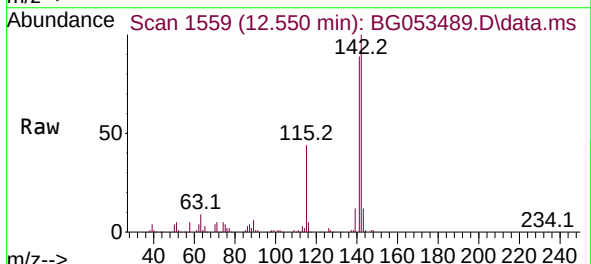
Tgt Ion:142 Resp: 193116

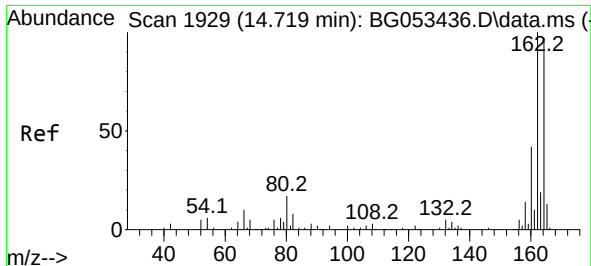
Ion Ratio Lower Upper

142 100

141 89.2 76.4 114.6

116 4.6 3.3 4.9

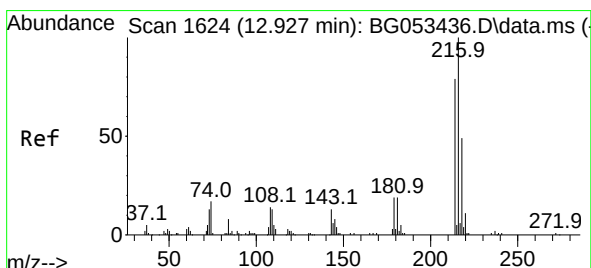
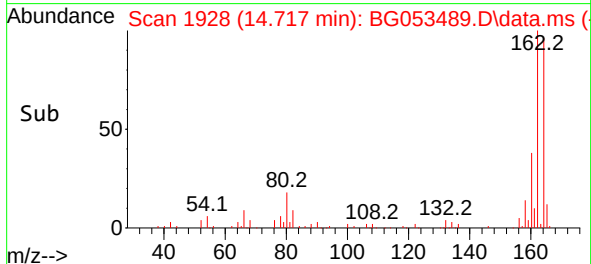
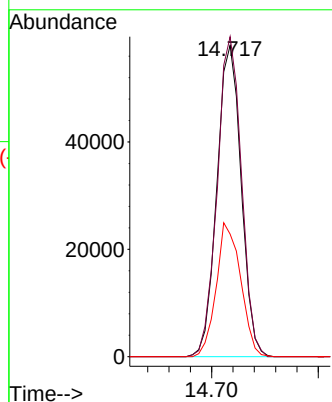
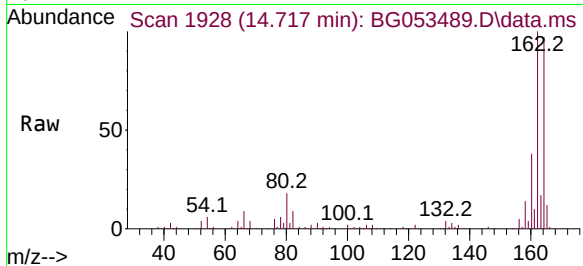




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.717 min Scan# 1928
 Delta R.T. -0.002 min
 Lab File: BG053489.D
 Acq: 9 May 2022 12:28

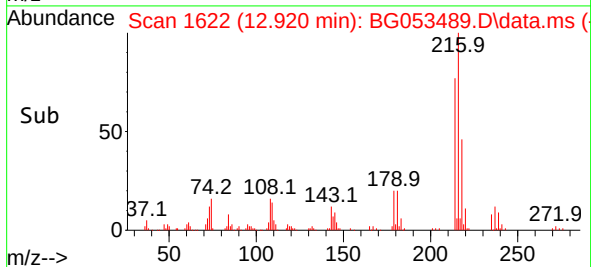
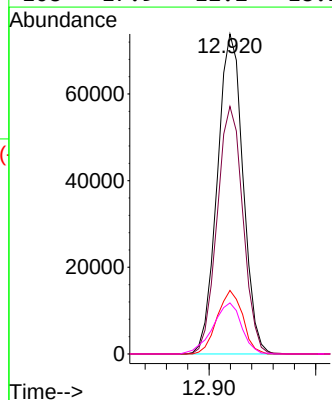
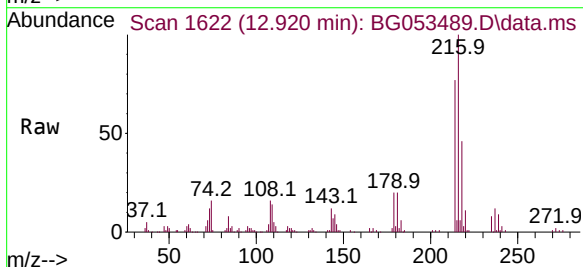
Instrument :
 BNA_G
 ClientSampleId :
 PB144630BSD

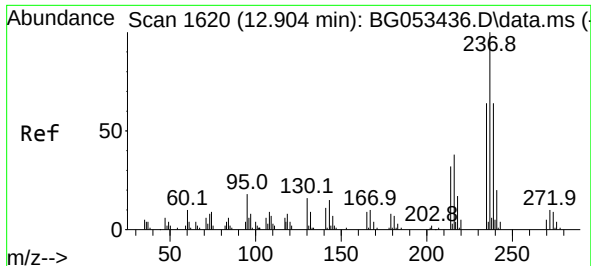
Tgt Ion:164 Resp: 91406
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.3 123.5
 160 39.4 34.2 51.2



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.876 ng
 RT: 12.920 min Scan# 1622
 Delta R.T. -0.008 min
 Lab File: BG053489.D
 Acq: 9 May 2022 12:28

Tgt Ion:216 Resp: 123536
 Ion Ratio Lower Upper
 216 100
 214 77.6 62.9 94.3
 179 19.7 16.1 24.1
 108 17.9 12.2 18.2

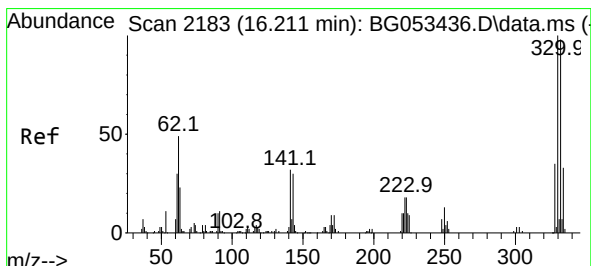
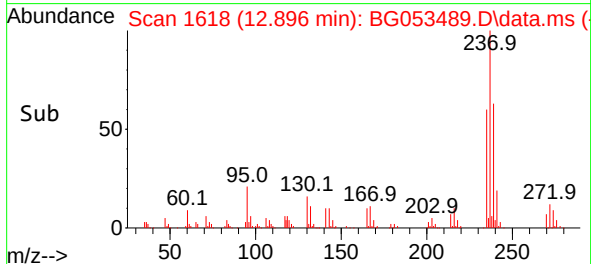
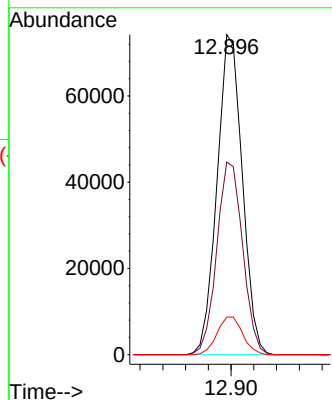
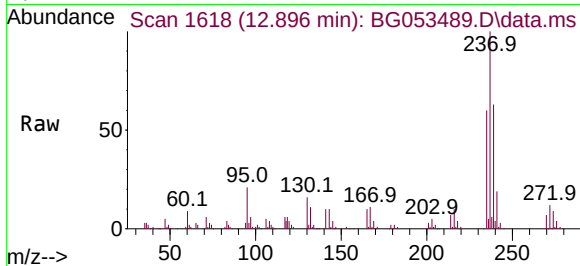




#41
Hexachlorocyclopentadiene
Concen: 95.658 ng
RT: 12.896 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

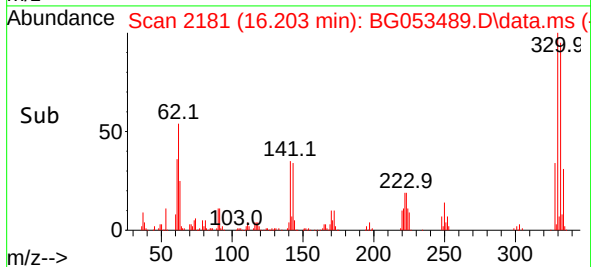
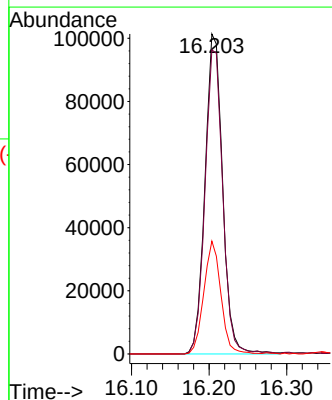
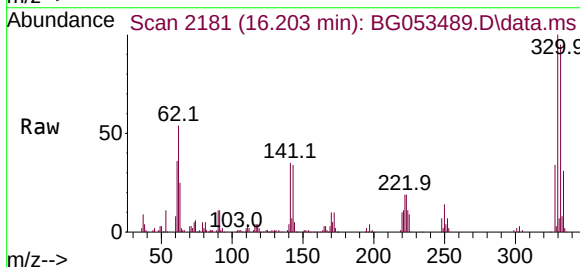
Instrument :
BNA_G
ClientSampleId :
PB144630BSD

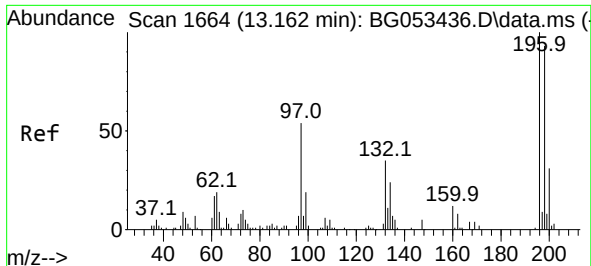
Tgt Ion:237 Resp: 114545
Ion Ratio Lower Upper
237 100
235 60.2 43.5 83.5
272 11.8 0.0 30.1



#42
2,4,6-Tribromophenol
Concen: 118.603 ng
RT: 16.203 min Scan# 2181
Delta R.T. -0.008 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

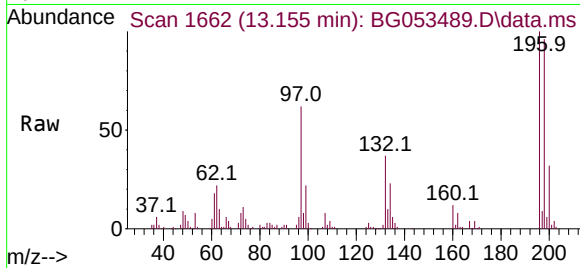
Tgt Ion:330 Resp: 159893
Ion Ratio Lower Upper
330 100
332 95.9 76.0 114.0
141 34.1 27.1 40.7



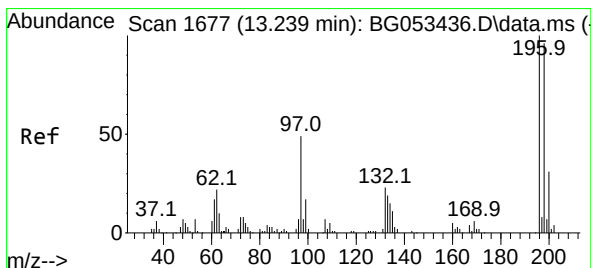
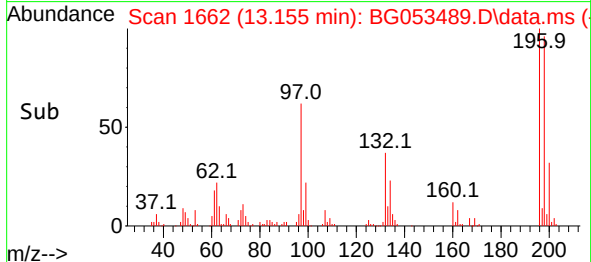
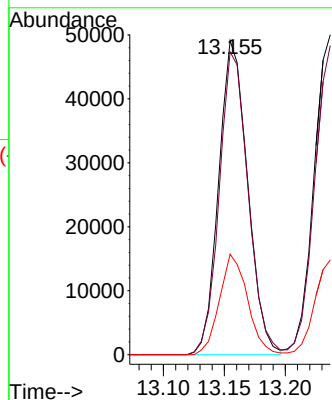


#43
2,4,6-Trichlorophenol
Concen: 43.066 ng
RT: 13.155 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

Instrument :
BNA_G
ClientSampleId :
PB144630BSD

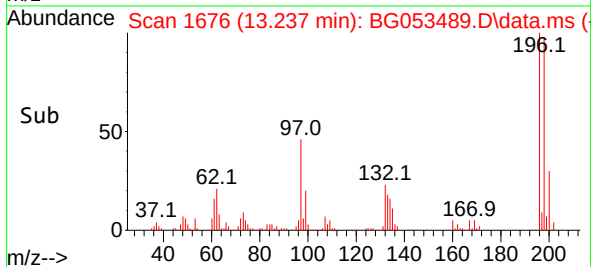
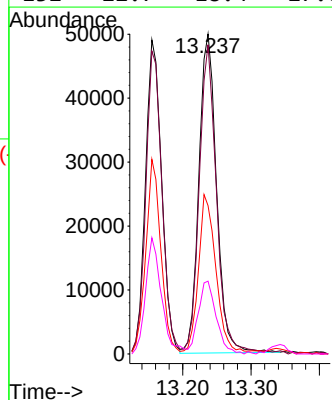
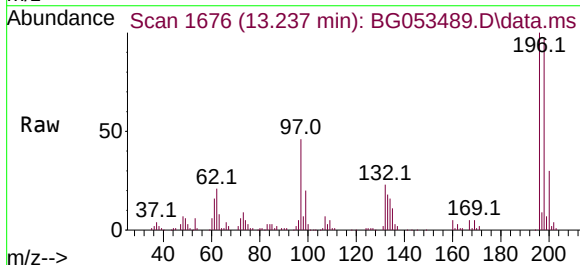


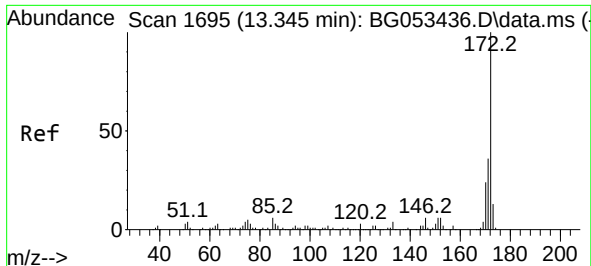
Tgt Ion:196 Resp: 80996
Ion Ratio Lower Upper
196 100
198 96.5 74.1 111.1
200 32.0 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 44.909 ng
RT: 13.237 min Scan# 1676
Delta R.T. -0.002 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

Tgt Ion:196 Resp: 89893
Ion Ratio Lower Upper
196 100
198 96.6 76.8 115.2
97 46.4 39.8 59.6
132 22.7 18.4 27.6

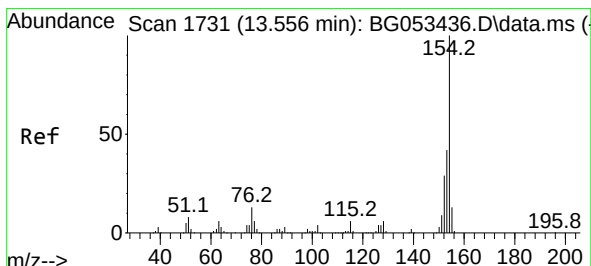
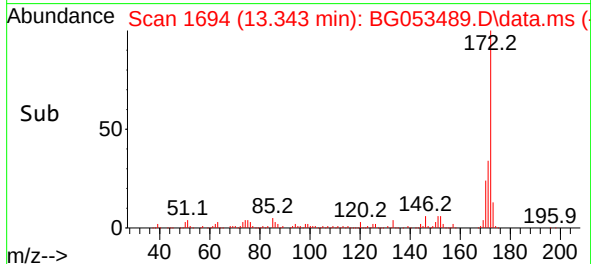
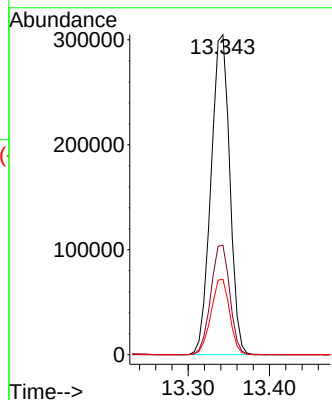
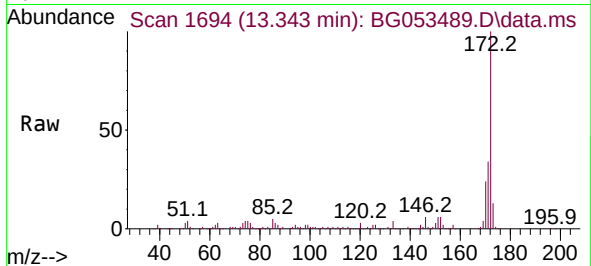




#45
2-Fluorobiphenyl
Concen: 78.199 ng
RT: 13.343 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

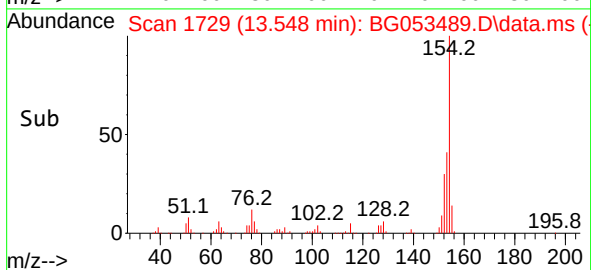
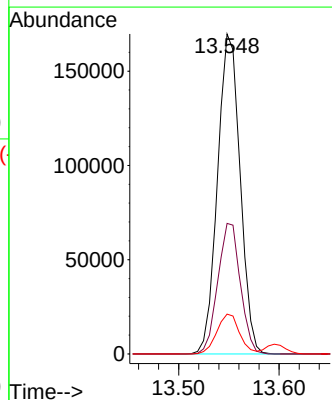
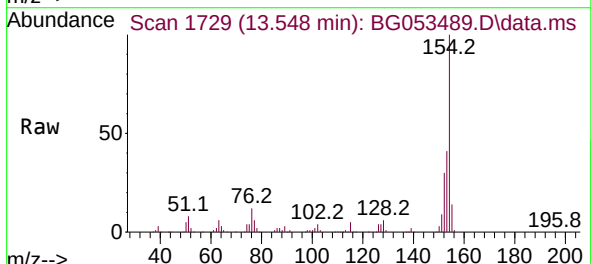
Instrument :
BNA_G
ClientSampleId :
PB144630BSD

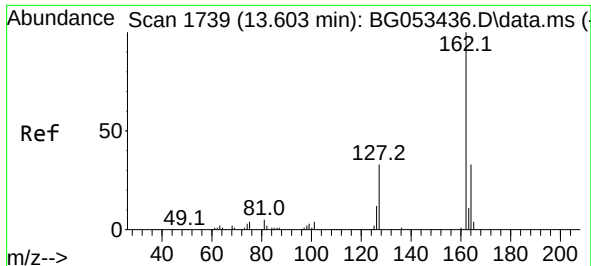
Tgt Ion:172 Resp: 489150
Ion Ratio Lower Upper
172 100
171 34.2 28.5 42.7
170 23.6 18.9 28.3



#46
1,1'-Biphenyl
Concen: 42.455 ng
RT: 13.548 min Scan# 1729
Delta R.T. -0.008 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

Tgt Ion:154 Resp: 264518
Ion Ratio Lower Upper
154 100
153 40.8 21.6 61.6
76 12.4 0.0 32.6





#47

2-Chloronaphthalene

Concen: 41.558 ng

RT: 13.595 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG053489.D

Acq: 9 May 2022 12:28

Instrument :

BNA_G

ClientSampleId :

PB144630BSD

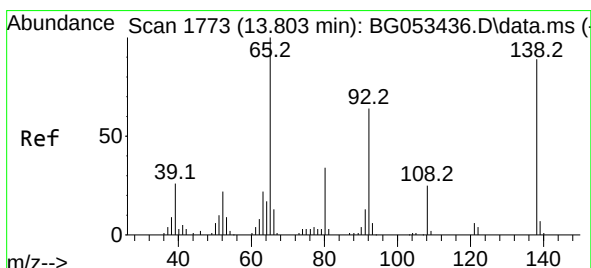
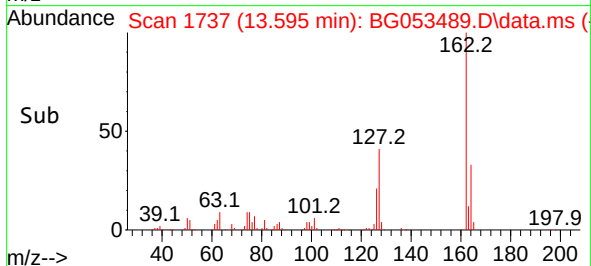
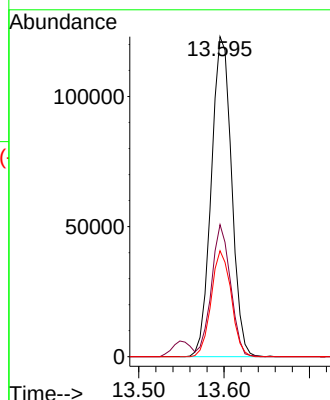
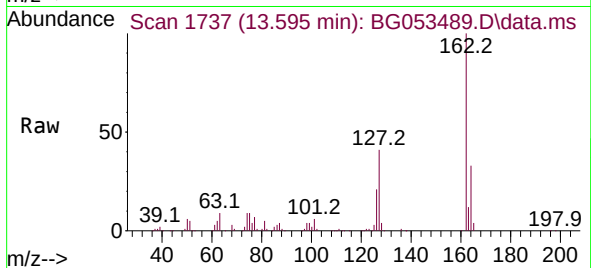
Tgt Ion:162 Resp: 202864

Ion Ratio Lower Upper

162 100

127 41.3 30.6 45.8

164 33.1 26.5 39.7



#48

2-Nitroaniline

Concen: 43.914 ng

RT: 13.795 min Scan# 1771

Delta R.T. -0.008 min

Lab File: BG053489.D

Acq: 9 May 2022 12:28

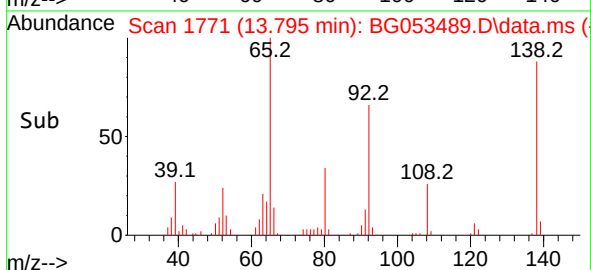
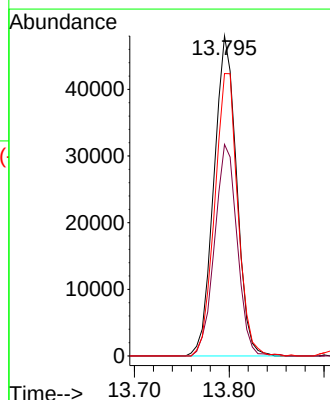
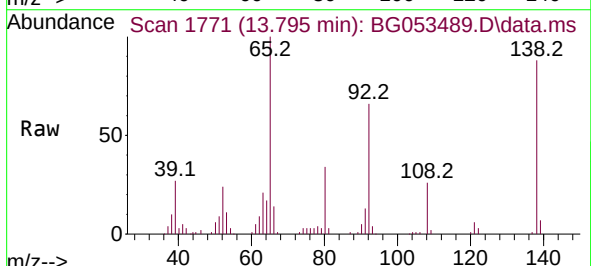
Tgt Ion: 65 Resp: 79877

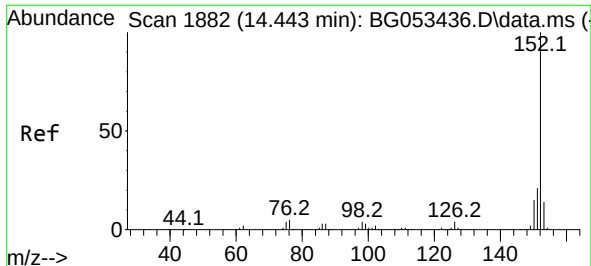
Ion Ratio Lower Upper

65 100

92 66.1 51.5 77.3

138 88.3 71.3 106.9

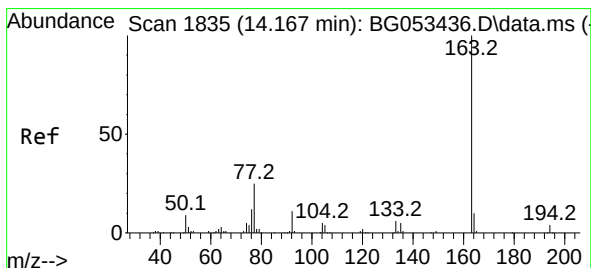
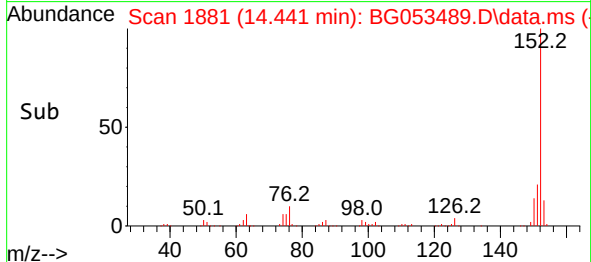
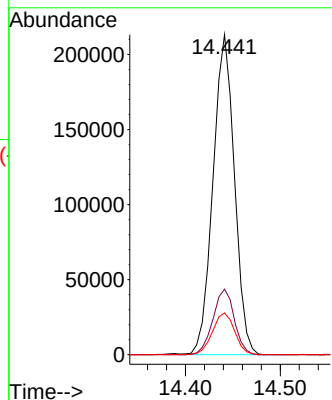
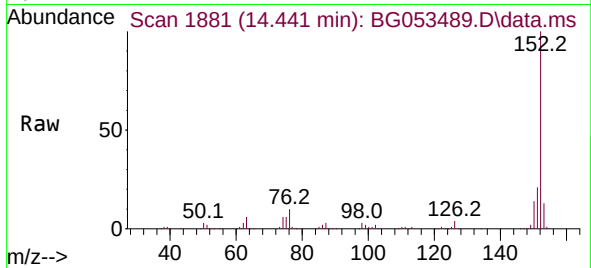




#49
Acenaphthylene
Concen: 42.936 ng
RT: 14.441 min Scan# 1882
Delta R.T. -0.002 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

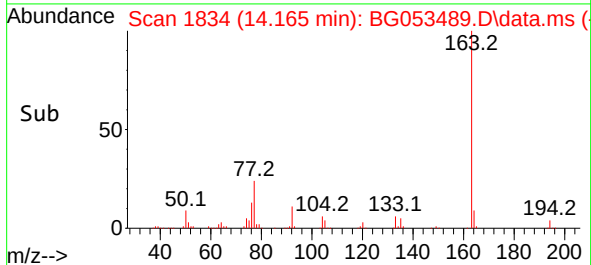
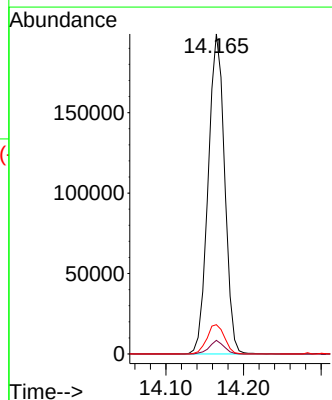
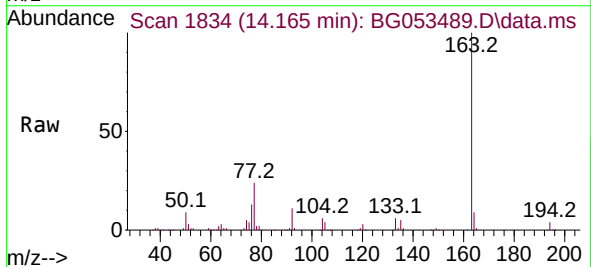
Instrument :
BNA_G
ClientSampleId :
PB144630BSD

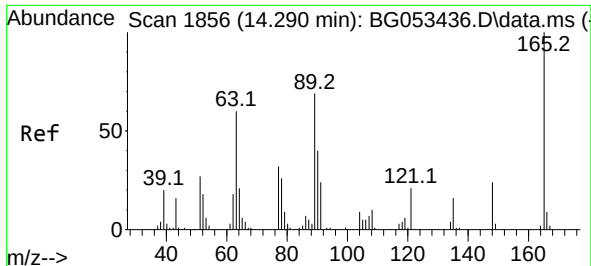
Tgt Ion:152 Resp: 334456
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6
153 13.1 10.8 16.2



#50
Dimethylphthalate
Concen: 42.090 ng
RT: 14.165 min Scan# 1834
Delta R.T. -0.002 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

Tgt Ion:163 Resp: 292355
Ion Ratio Lower Upper
163 100
194 4.3 3.0 4.6
164 9.2 8.0 12.0

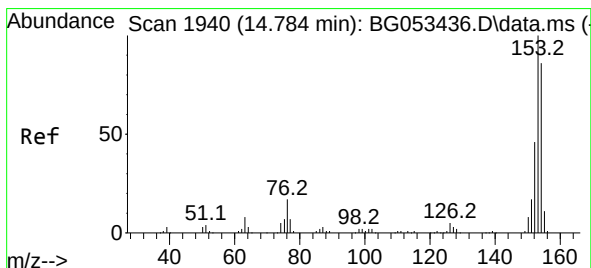
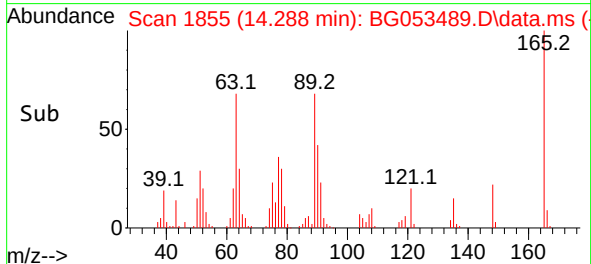
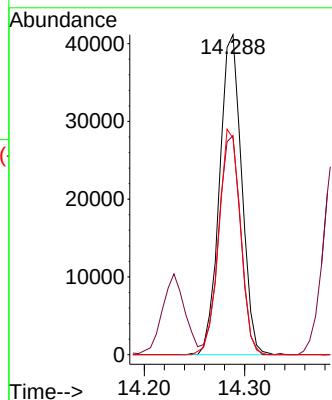
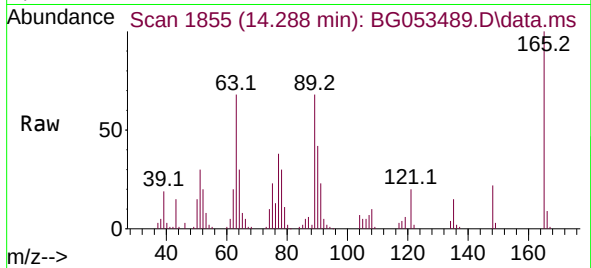




#51
2,6-Dinitrotoluene
Concen: 44.288 ng
RT: 14.288 min Scan# 1855
Delta R.T. -0.002 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

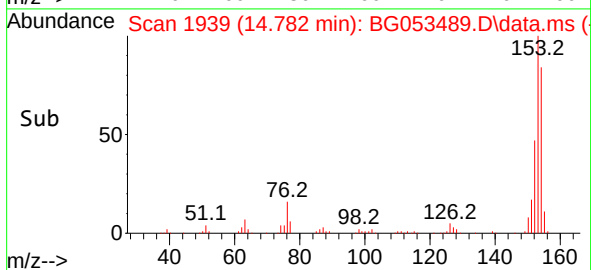
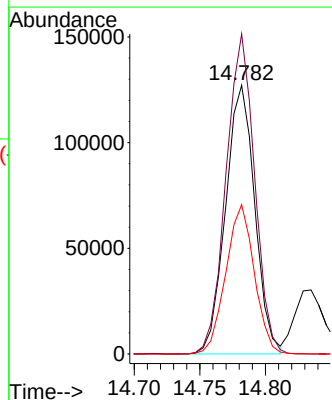
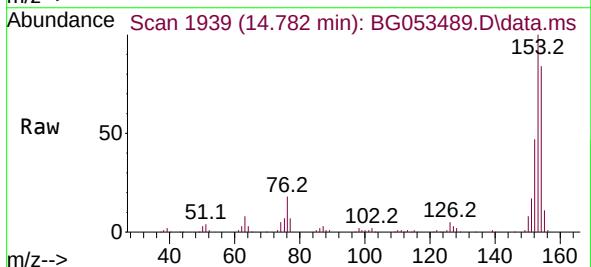
Instrument :
BNA_G
ClientSampleId :
PB144630BSD

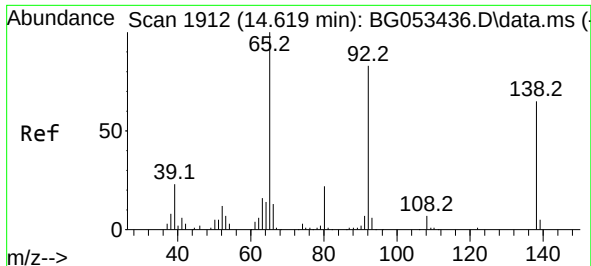
Tgt Ion:165 Resp: 62673
Ion Ratio Lower Upper
165 100
63 68.4 54.1 81.1
89 67.6 54.8 82.2



#52
Acenaphthene
Concen: 42.348 ng
RT: 14.782 min Scan# 1939
Delta R.T. -0.002 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

Tgt Ion:154 Resp: 196590
Ion Ratio Lower Upper
154 100
153 119.1 92.7 139.1
152 55.5 42.6 64.0

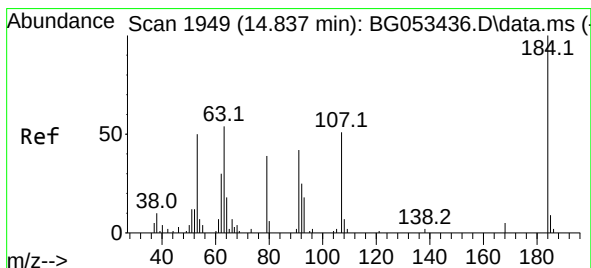
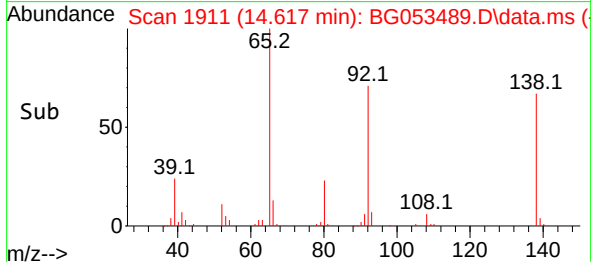
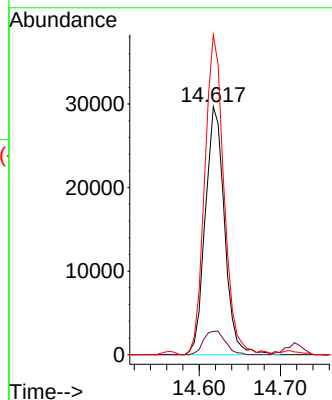
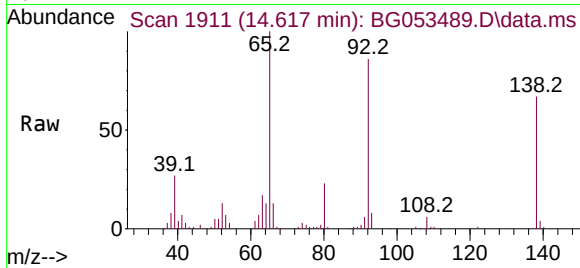




#53
3-Nitroaniline
Concen: 31.973 ng
RT: 14.617 min Scan# 1912
Delta R.T. -0.002 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

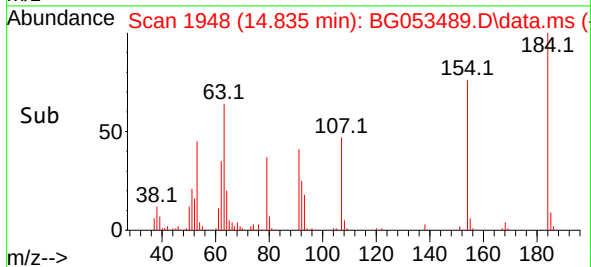
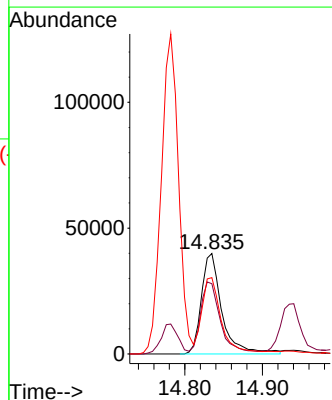
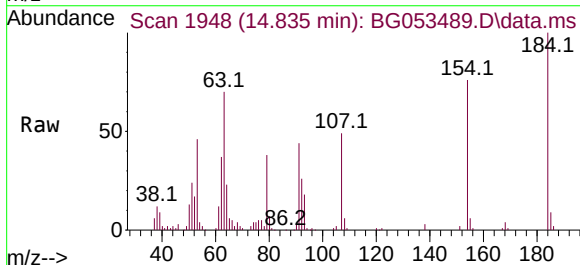
Instrument :
BNA_G
ClientSampleId :
PB144630BSD

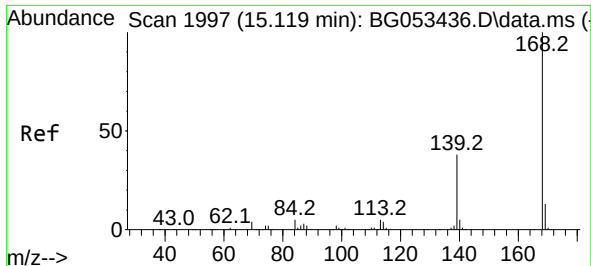
Tgt Ion:138 Resp: 48887
Ion Ratio Lower Upper
138 100
108 9.5 9.2 13.8
92 129.1 101.9 152.9



#54
2,4-Dinitrophenol
Concen: 81.774 ng
RT: 14.835 min Scan# 1948
Delta R.T. -0.002 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

Tgt Ion:184 Resp: 73591
Ion Ratio Lower Upper
184 100
63 69.9 61.1 91.7
154 76.0 60.6 91.0

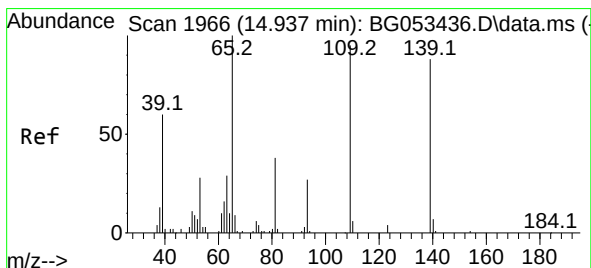
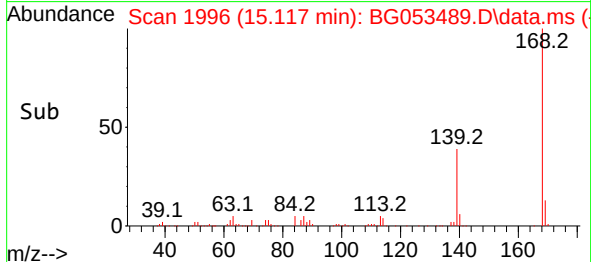
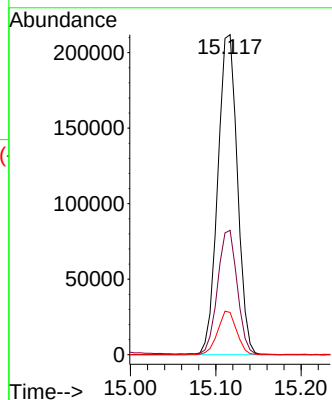
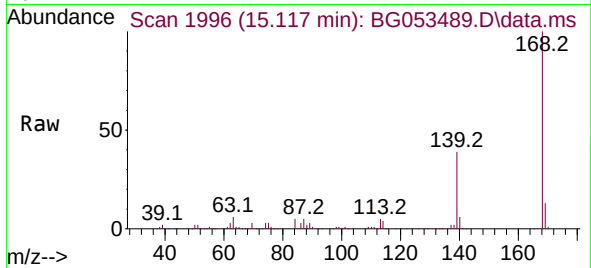




#55
Dibenzenofuran
Concen: 40.580 ng
RT: 15.117 min Scan# 1996
Delta R.T. -0.002 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

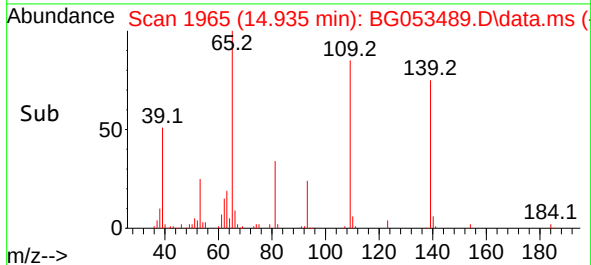
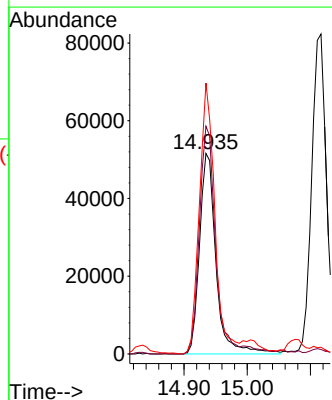
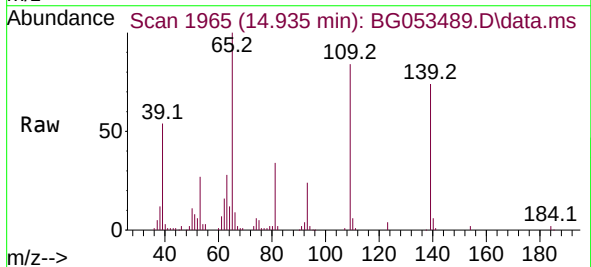
Instrument :
BNA_G
ClientSampleId :
PB144630BSD

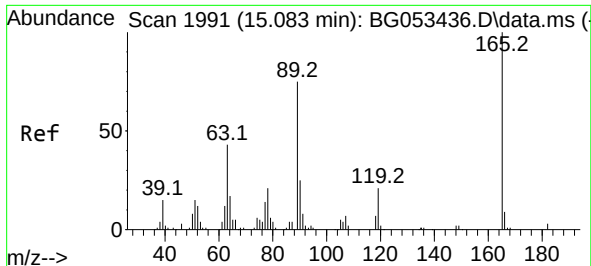
Tgt Ion:168 Resp: 338369
Ion Ratio Lower Upper
168 100
139 38.9 30.5 45.7
169 13.2 10.3 15.5



#56
4-Nitrophenol
Concen: 85.959 ng
RT: 14.935 min Scan# 1965
Delta R.T. -0.002 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

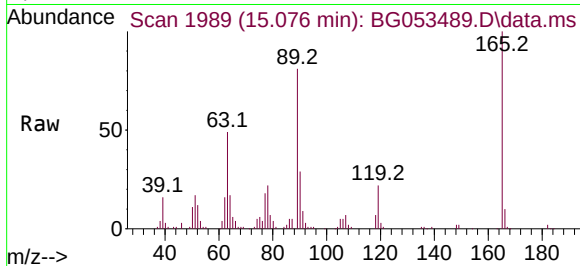
Tgt Ion:139 Resp: 93876
Ion Ratio Lower Upper
139 100
109 113.6 88.5 128.5
65 135.1 93.9 133.9#



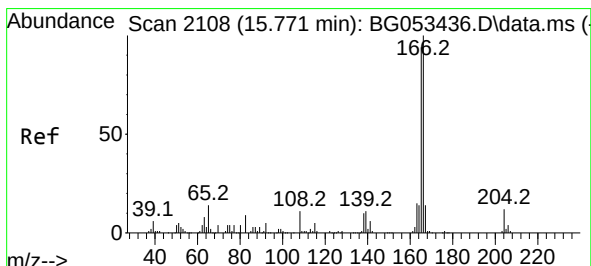
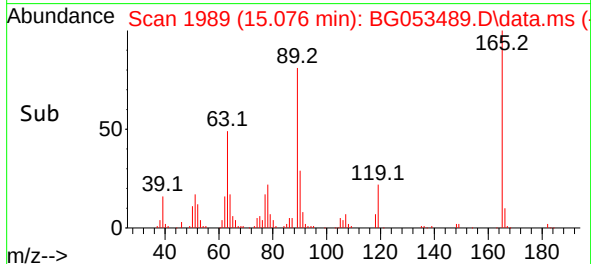
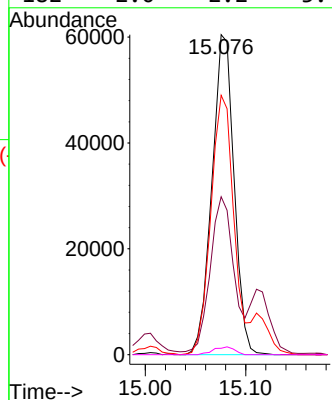


#57
2,4-Dinitrotoluene
Concen: 45.088 ng
RT: 15.076 min Scan# 1991
Delta R.T. -0.008 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

Instrument :
BNA_G
ClientSampleId :
PB144630BSD

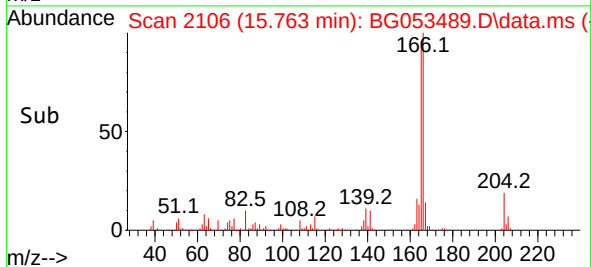
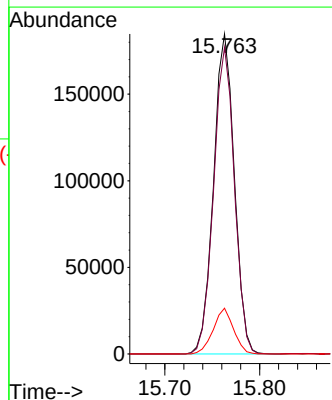
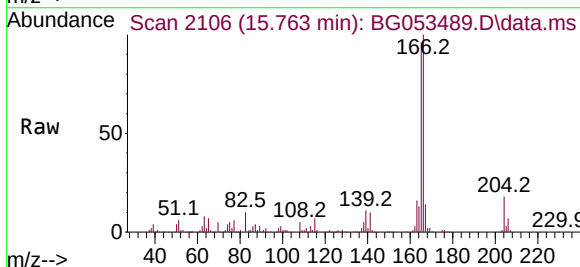


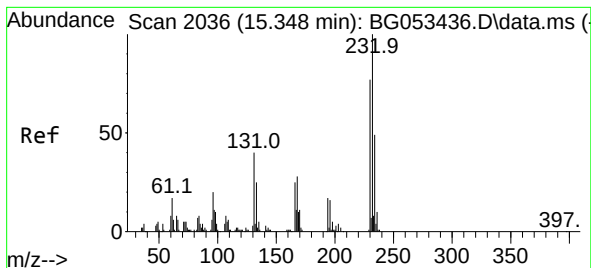
Tgt Ion:165 Resp: 92486
Ion Ratio Lower Upper
165 100
63 49.3 34.6 52.0
89 81.0 60.3 90.5
182 2.0 2.2 3.4#



#58
Fluorene
Concen: 42.163 ng
RT: 15.763 min Scan# 2106
Delta R.T. -0.008 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

Tgt Ion:166 Resp: 282131
Ion Ratio Lower Upper
166 100
165 95.8 75.0 112.6
167 14.3 10.8 16.2

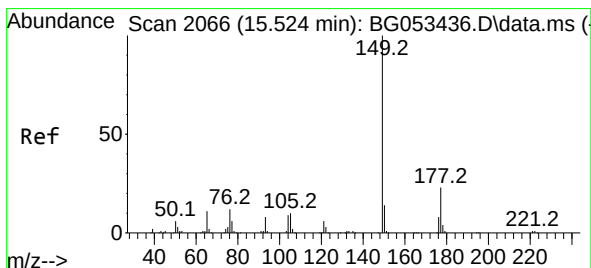
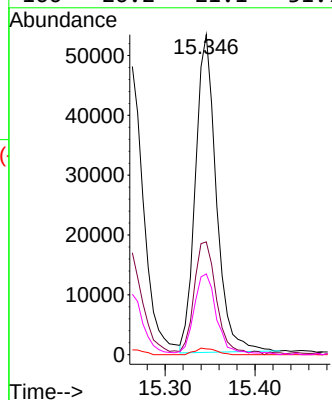
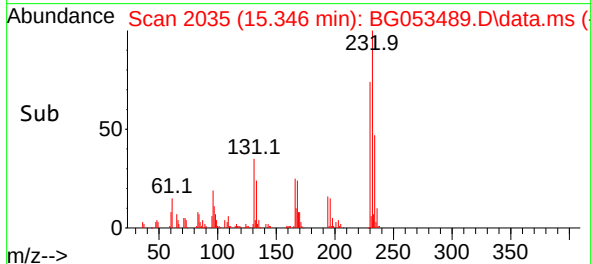
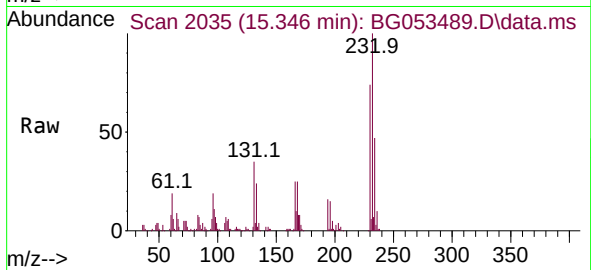




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.234 ng
RT: 15.346 min Scan# 2035
Delta R.T. -0.002 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

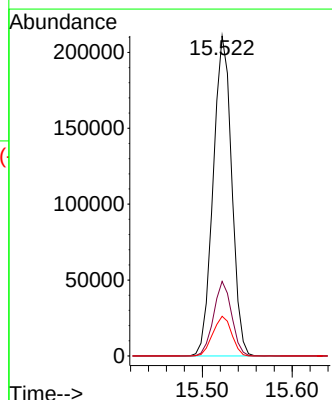
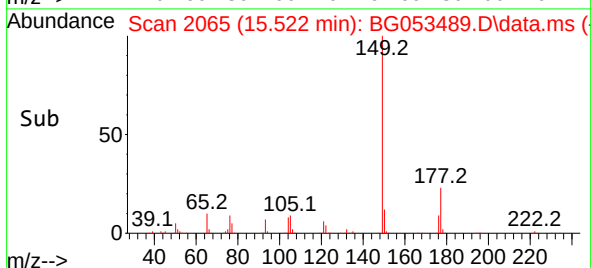
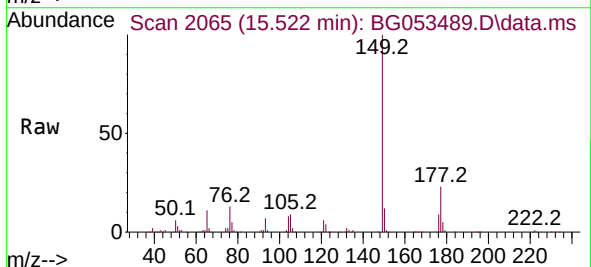
Instrument :
BNA_G
ClientSampleId :
PB144630BSD

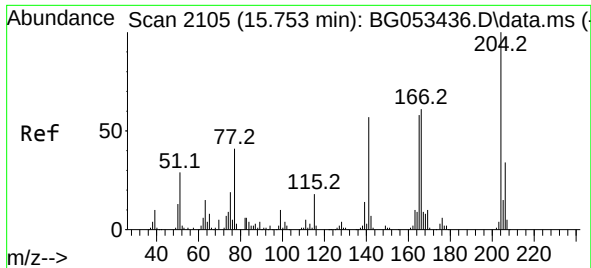
Tgt Ion:232 Resp: 85773
Ion Ratio Lower Upper
232 100
131 38.7 30.6 46.0
130 2.1 1.8 2.8
166 26.2 21.1 31.7



#60
Diethylphthalate
Concen: 42.024 ng
RT: 15.522 min Scan# 2065
Delta R.T. -0.002 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

Tgt Ion:149 Resp: 301525
Ion Ratio Lower Upper
149 100
177 23.3 18.4 27.6
150 12.4 11.2 16.8

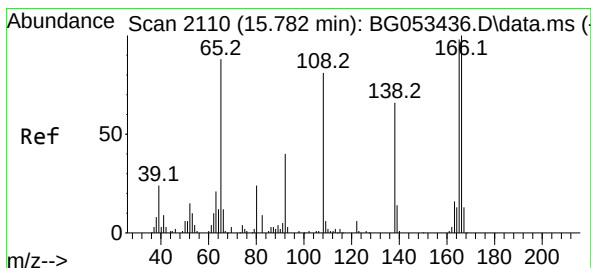
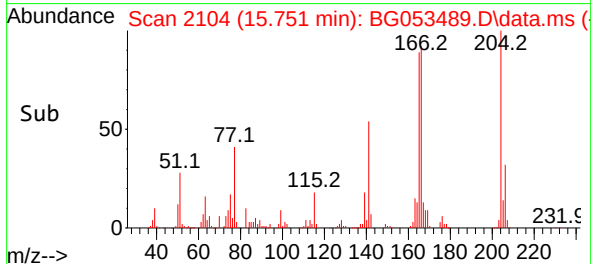
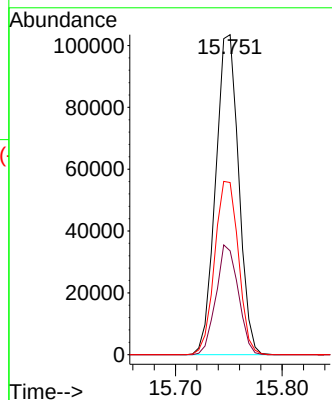
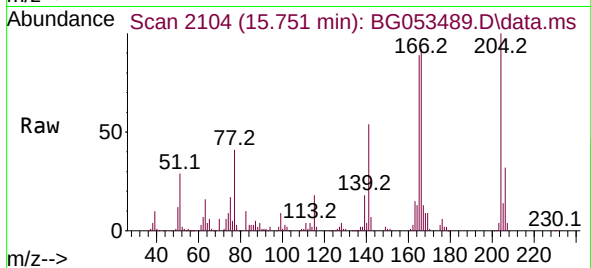




#61
4-Chlorophenyl-phenylether
Concen: 41.546 ng
RT: 15.751 min Scan# 2105
Delta R.T. -0.002 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

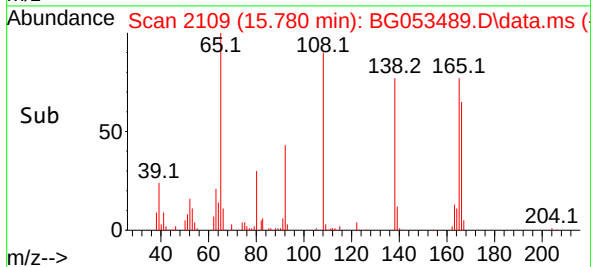
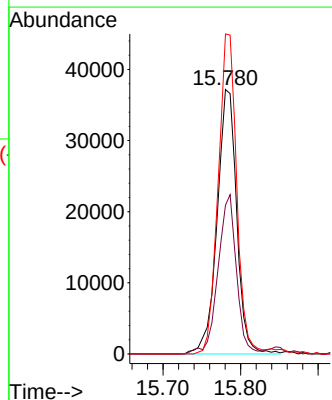
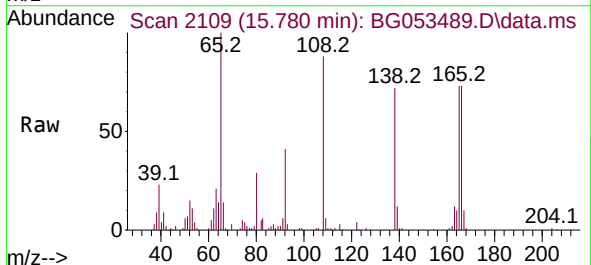
Instrument :
BNA_G
ClientSampleId :
PB144630BSD

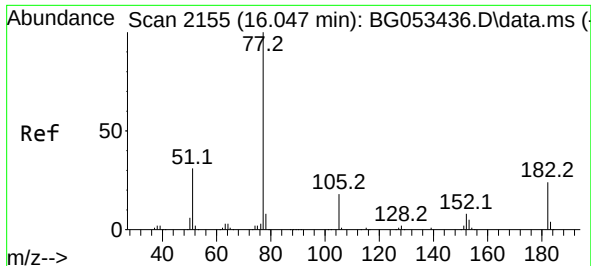
Tgt Ion:204 Resp: 155128
Ion Ratio Lower Upper
204 100
206 32.5 27.5 41.3
141 53.8 45.3 67.9



#62
4-Nitroaniline
Concen: 41.213 ng
RT: 15.780 min Scan# 2109
Delta R.T. -0.002 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

Tgt Ion:138 Resp: 65360
Ion Ratio Lower Upper
138 100
92 56.3 40.5 80.5
108 121.0 103.7 143.7

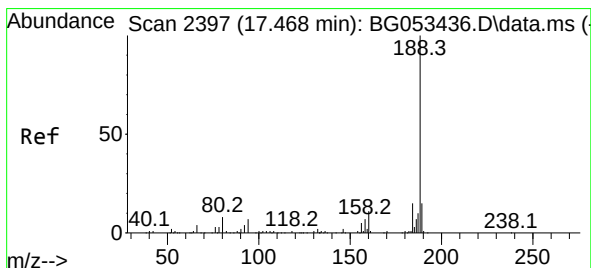
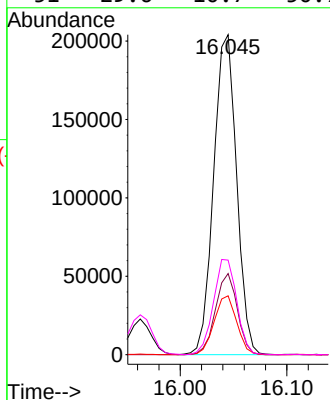
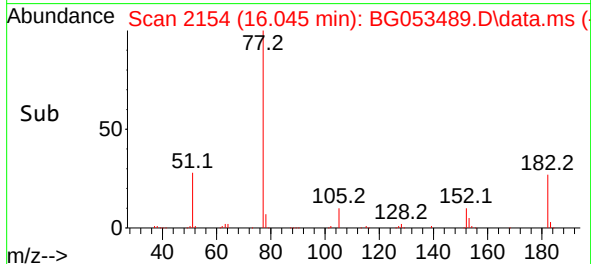
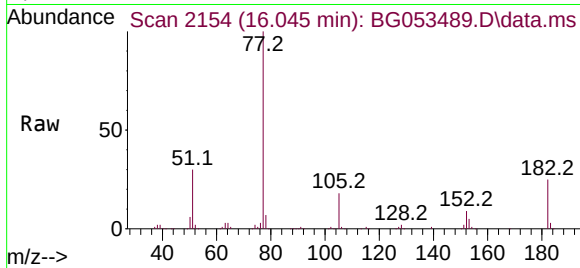




#63
Azobenzene
Concen: 41.509 ng
RT: 16.045 min Scan# 2155
Delta R.T. -0.002 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

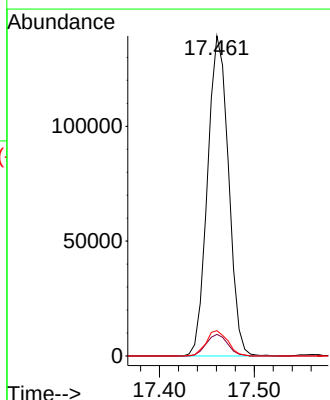
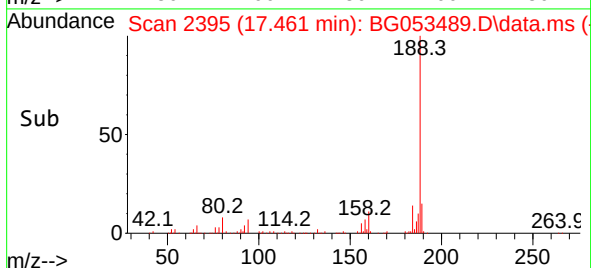
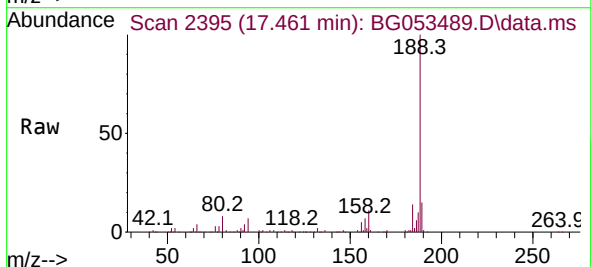
Instrument :
BNA_G
ClientSampleId :
PB144630BSD

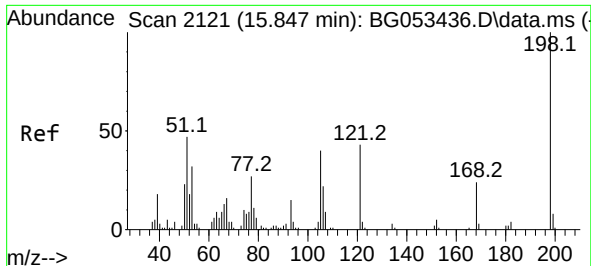
Tgt Ion: 77 Resp: 304975
Ion Ratio Lower Upper
77 100
182 25.3 3.8 43.8
105 18.4 0.0 37.8
51 29.6 10.7 50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.461 min Scan# 2395
Delta R.T. -0.008 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

Tgt Ion:188 Resp: 214176
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.0
80 7.9 6.8 10.2

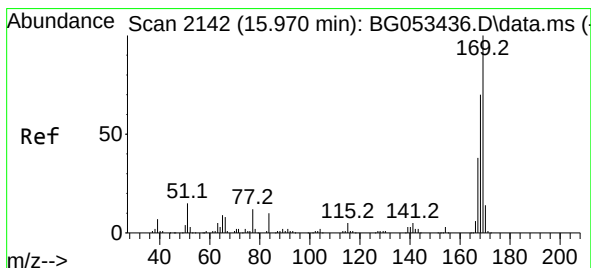
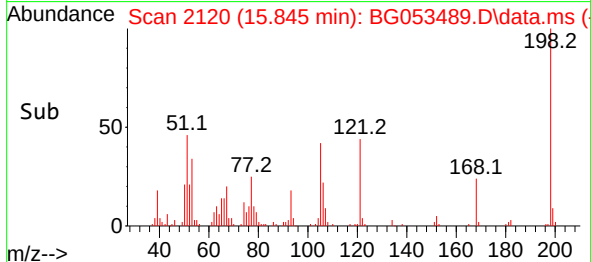
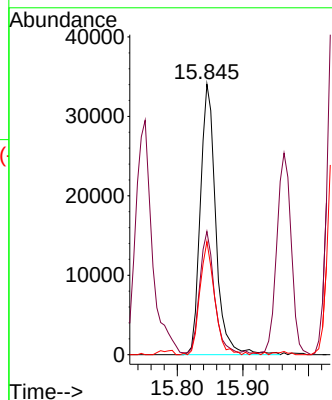
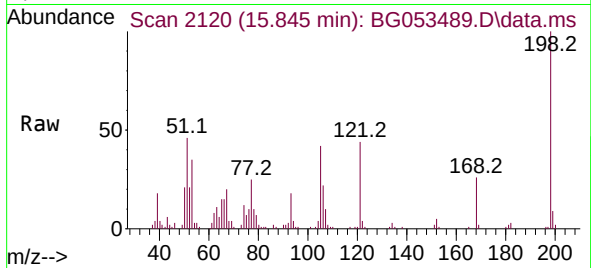




#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.656 ng
 RT: 15.845 min Scan# 2121
 Delta R.T. -0.002 min
 Lab File: BG053489.D
 Acq: 9 May 2022 12:28

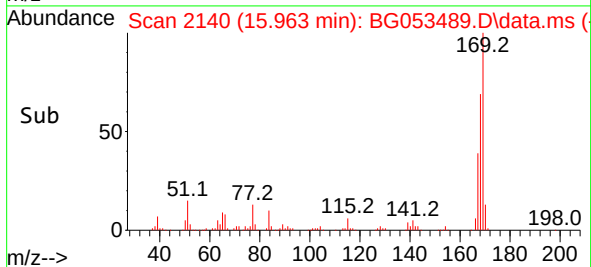
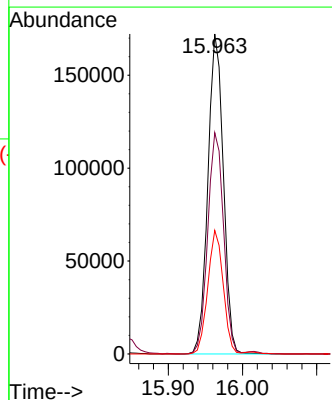
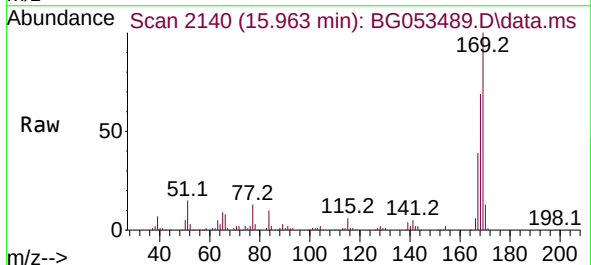
Instrument :
 BNA_G
 ClientSampleId :
 PB144630BSD

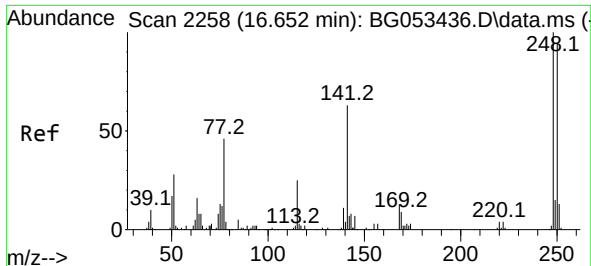
Tgt Ion:198 Resp: 55715
 Ion Ratio Lower Upper
 198 100
 51 45.6 28.1 68.1
 105 41.8 20.3 60.3



#66
 n-Nitrosodiphenylamine
 Concen: 44.331 ng
 RT: 15.963 min Scan# 2140
 Delta R.T. -0.008 min
 Lab File: BG053489.D
 Acq: 9 May 2022 12:28

Tgt Ion:169 Resp: 249286
 Ion Ratio Lower Upper
 169 100
 168 69.2 55.9 83.9
 167 38.6 30.6 46.0

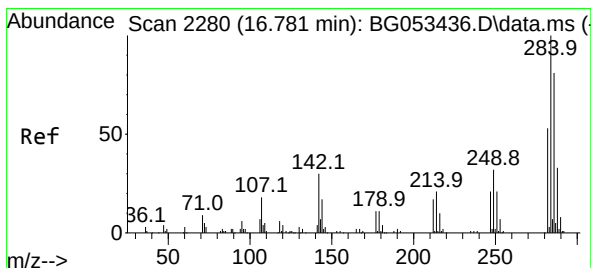
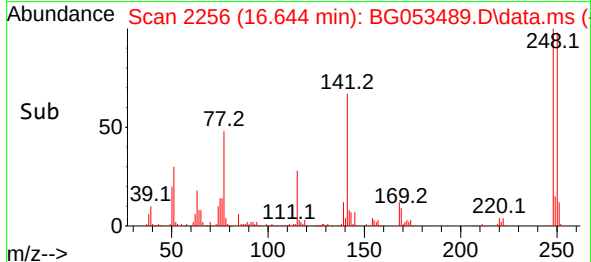
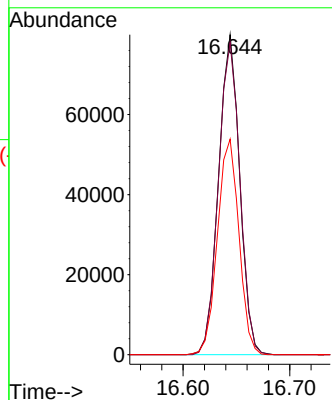
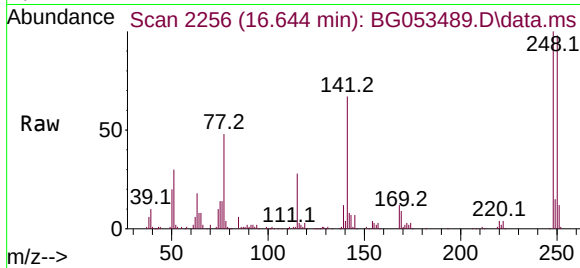




#67
4-Bromophenyl-phenylether
Concen: 43.896 ng
RT: 16.644 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

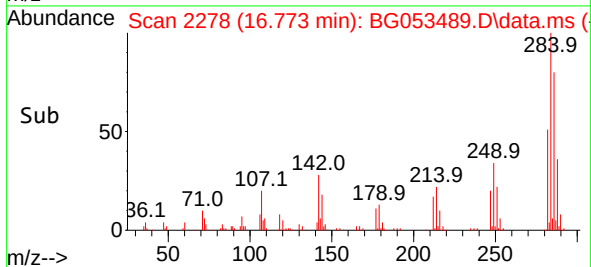
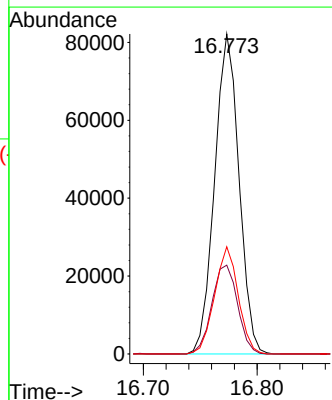
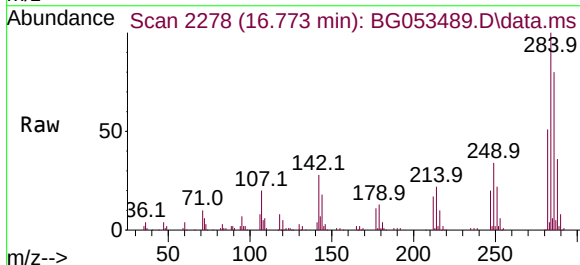
Instrument :
BNA_G
ClientSampleId :
PB144630BSD

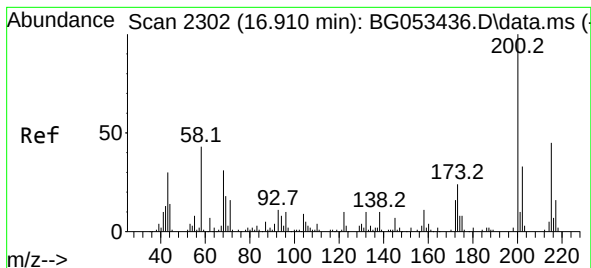
Tgt Ion:248 Resp: 109798
Ion Ratio Lower Upper
248 100
250 97.6 75.2 112.8
141 67.4 50.0 75.0



#68
Hexachlorobenzene
Concen: 44.615 ng
RT: 16.773 min Scan# 2278
Delta R.T. -0.008 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

Tgt Ion:284 Resp: 122220
Ion Ratio Lower Upper
284 100
142 27.8 23.6 35.4
249 33.5 25.8 38.6





#69

Atrazine

Concen: 45.744 ng

RT: 16.908 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG053489.D

Acq: 9 May 2022 12:28

Instrument :

BNA_G

ClientSampleId :

PB144630BSD

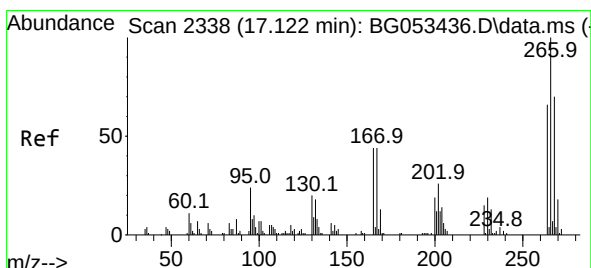
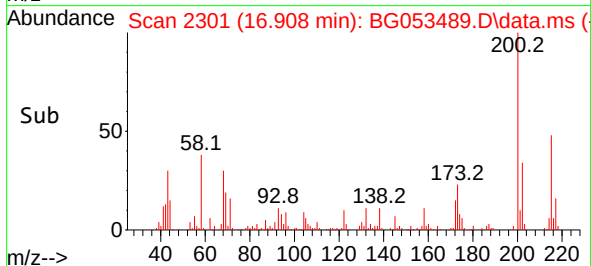
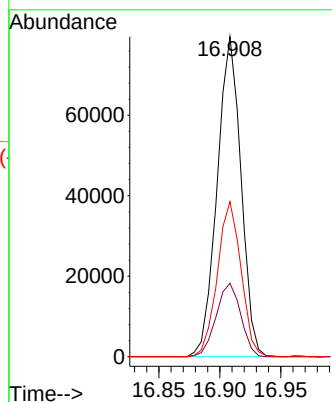
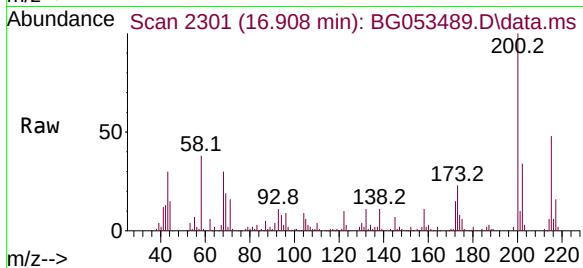
Tgt Ion:200 Resp: 108289

Ion Ratio Lower Upper

200 100

173 22.9 3.7 43.7

215 48.5 25.2 65.2



#70

Pentachlorophenol

Concen: 82.416 ng

RT: 17.120 min Scan# 2337

Delta R.T. -0.002 min

Lab File: BG053489.D

Acq: 9 May 2022 12:28

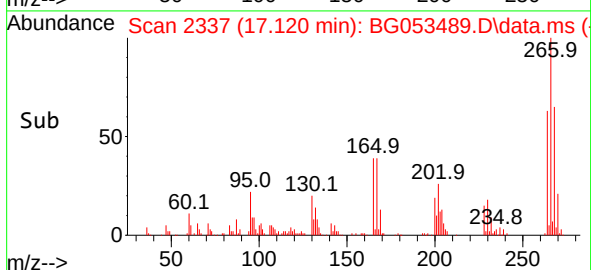
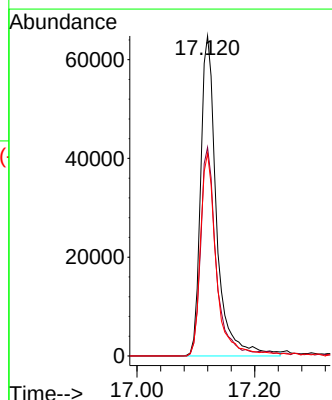
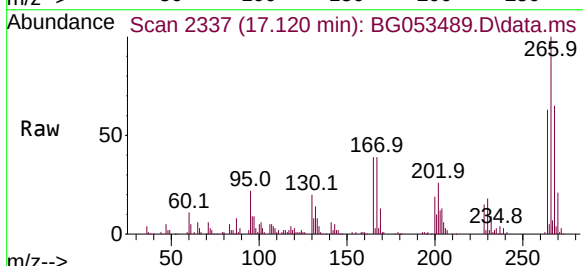
Tgt Ion:266 Resp: 121806

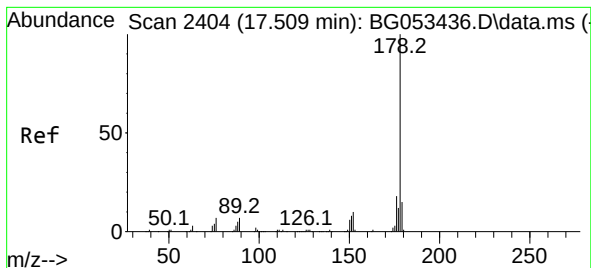
Ion Ratio Lower Upper

266 100

268 65.2 56.2 84.2

264 63.3 53.0 79.4





#71

Phenanthrene

Concen: 44.474 ng

RT: 17.508 min Scan# 2404

Delta R.T. -0.002 min

Lab File: BG053489.D

Acq: 9 May 2022 12:28

Instrument :

BNA_G

ClientSampleId :

PB144630BSD

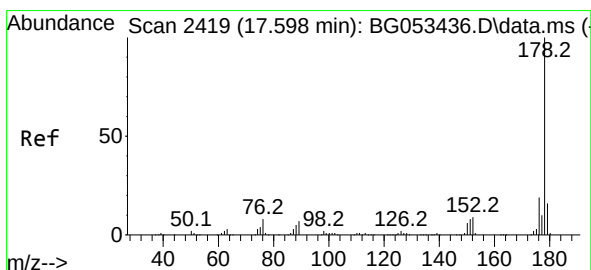
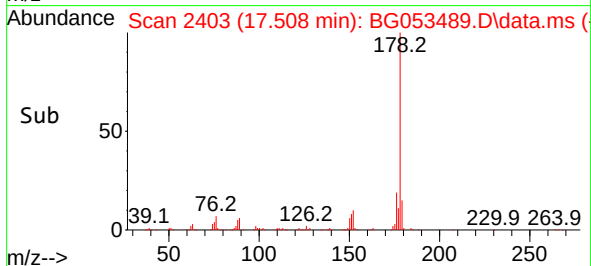
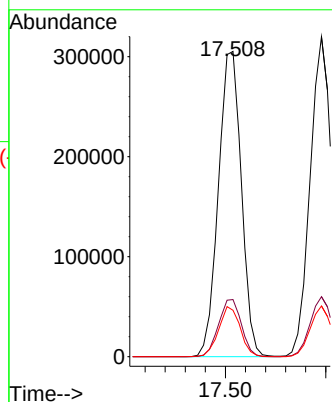
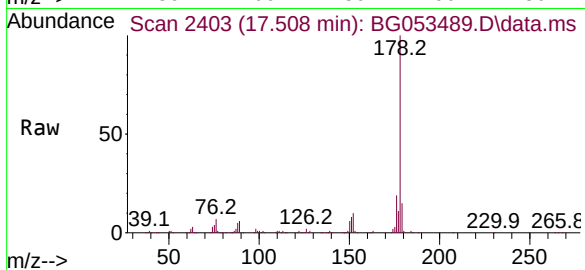
Tgt Ion:178 Resp: 484344

Ion Ratio Lower Upper

178 100

176 18.7 14.1 21.1

179 15.2 12.1 18.1



#72

Anthracene

Concen: 45.495 ng

RT: 17.596 min Scan# 2418

Delta R.T. -0.002 min

Lab File: BG053489.D

Acq: 9 May 2022 12:28

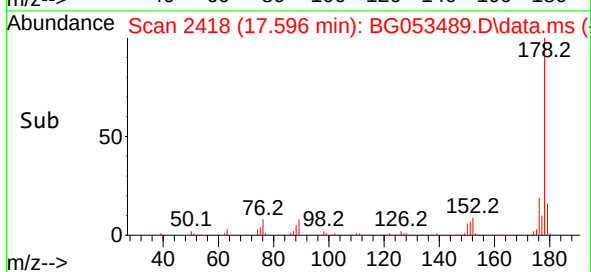
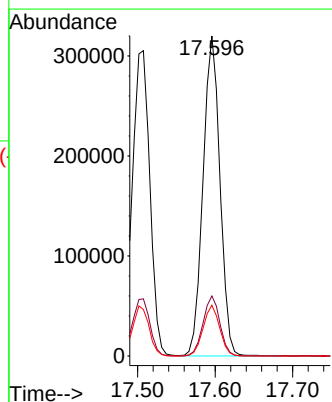
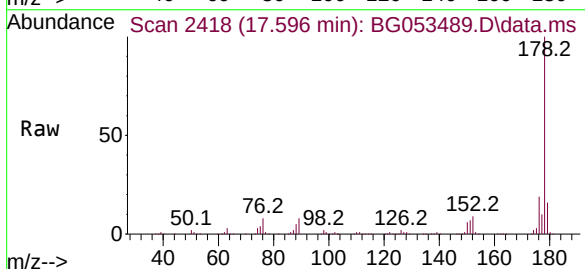
Tgt Ion:178 Resp: 486996

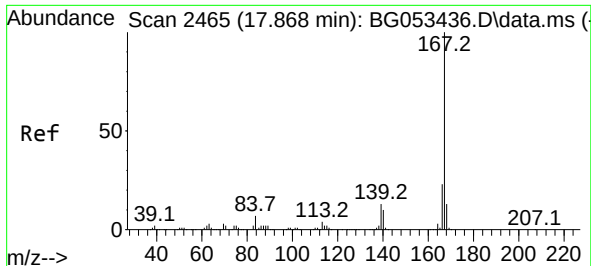
Ion Ratio Lower Upper

178 100

176 18.8 15.2 22.8

179 15.9 13.0 19.4

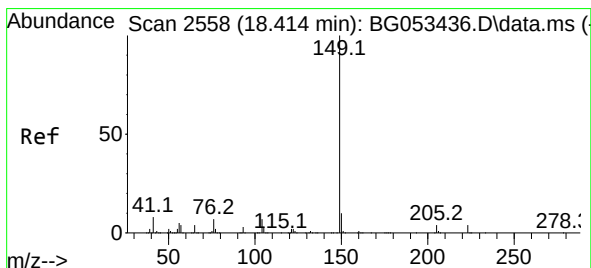
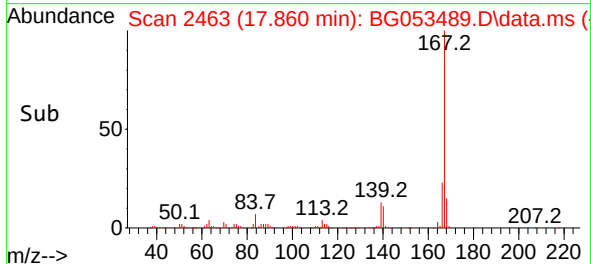
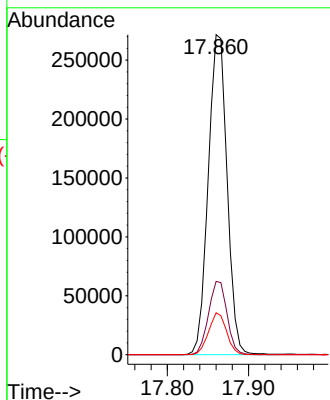
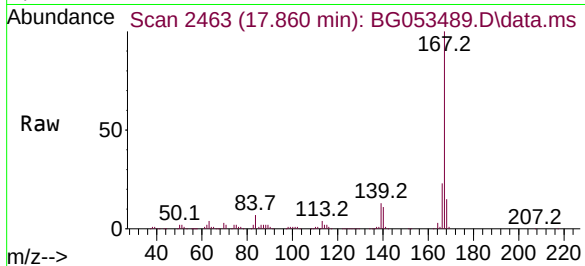




#73
 Carbazole
 Concen: 41.657 ng
 RT: 17.860 min Scan# 24
 Delta R.T. -0.008 min
 Lab File: BG053489.D
 Acq: 9 May 2022 12:28

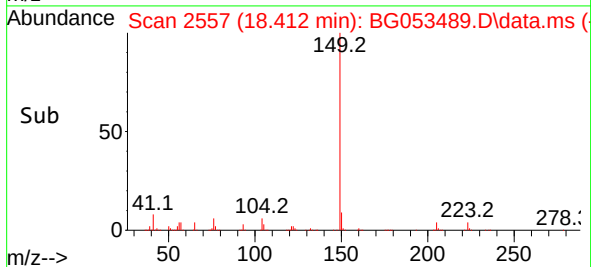
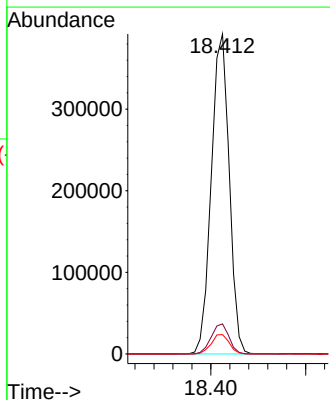
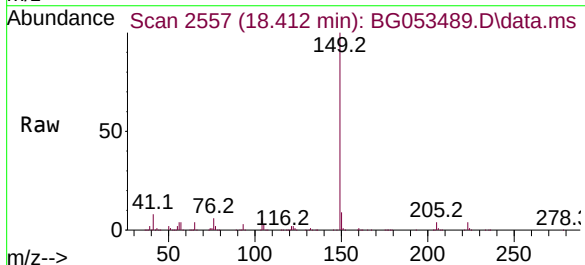
Instrument :
 BNA_G
 ClientSampleId :
 PB144630BSD

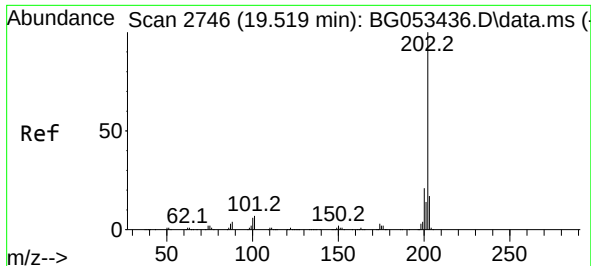
Tgt Ion:167 Resp: 437023
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.2 27.2
 139 13.1 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 43.516 ng
 RT: 18.412 min Scan# 2557
 Delta R.T. -0.002 min
 Lab File: BG053489.D
 Acq: 9 May 2022 12:28

Tgt Ion:149 Resp: 513436
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 6.0 5.4 8.0

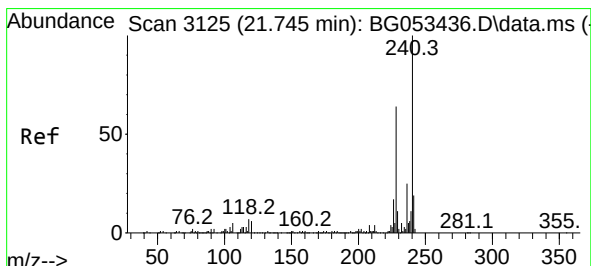
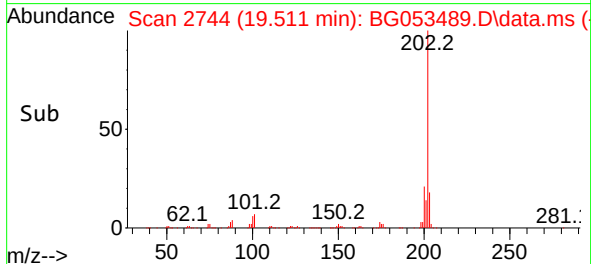
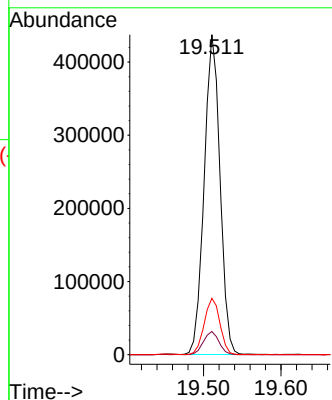
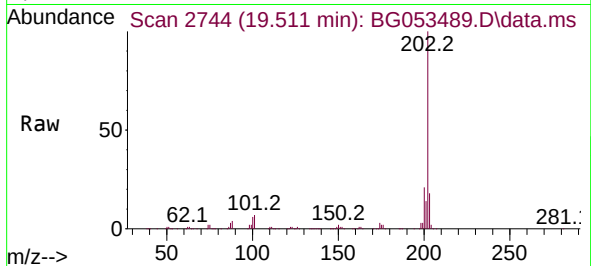




#75
Fluoranthene
Concen: 43.992 ng
RT: 19.511 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

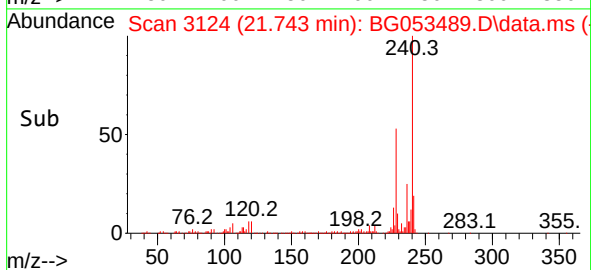
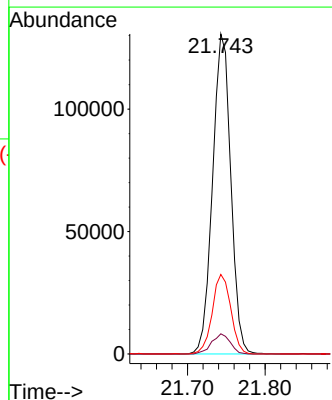
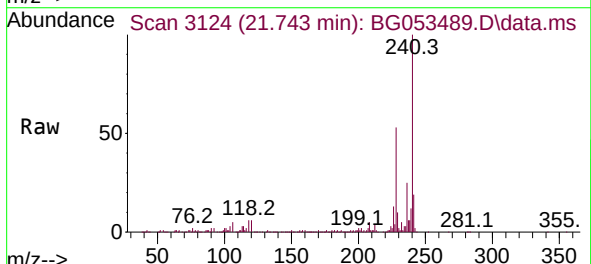
Instrument :
BNA_G
ClientSampleId :
PB144630BSD

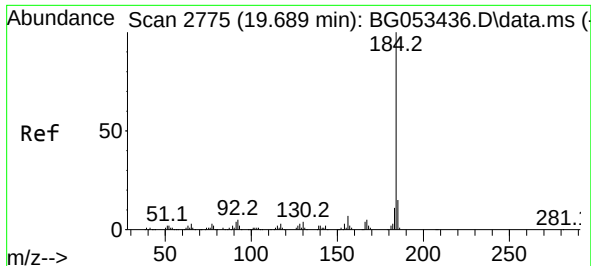
Tgt Ion:202 Resp: 620339
Ion Ratio Lower Upper
202 100
101 7.2 0.0 26.9
203 17.6 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.743 min Scan# 3124
Delta R.T. -0.002 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

Tgt Ion:240 Resp: 213590
Ion Ratio Lower Upper
240 100
120 6.3 4.6 7.0
236 24.8 20.2 30.4

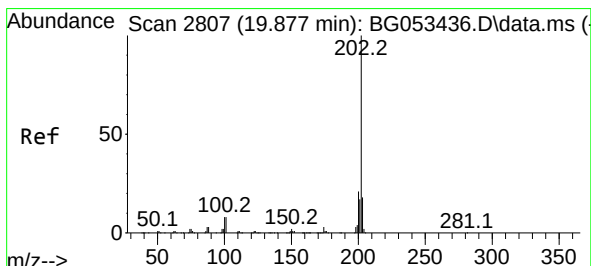
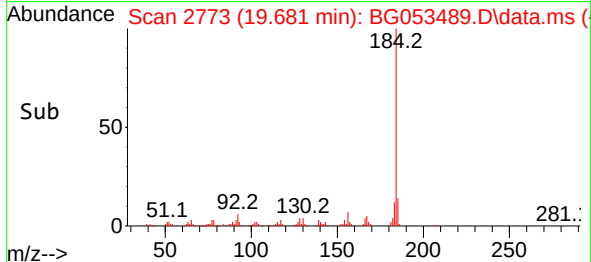
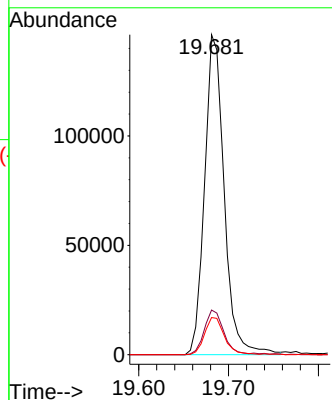
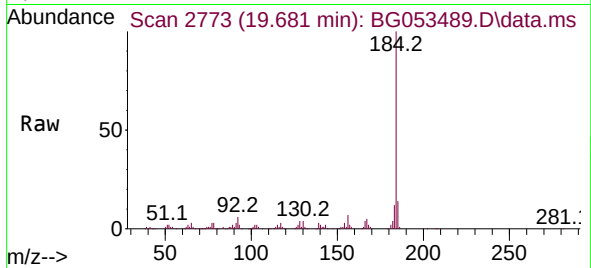




#77
Benzidine
Concen: 48.170 ng
RT: 19.681 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

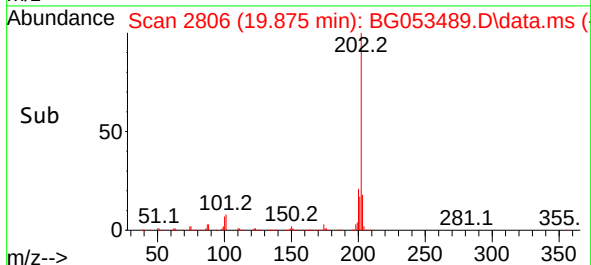
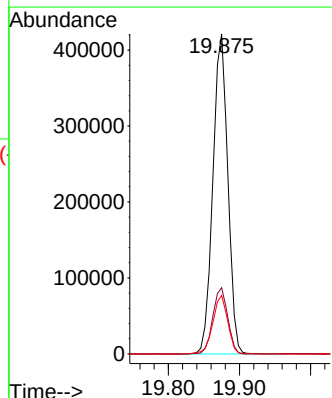
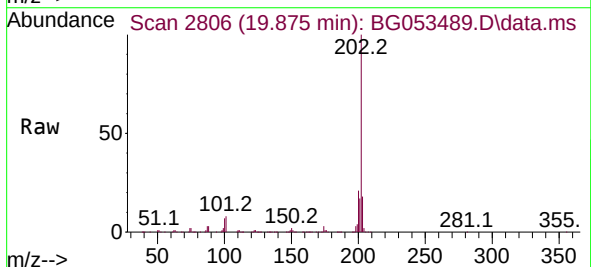
Instrument :
BNA_G
ClientSampleId :
PB144630BSD

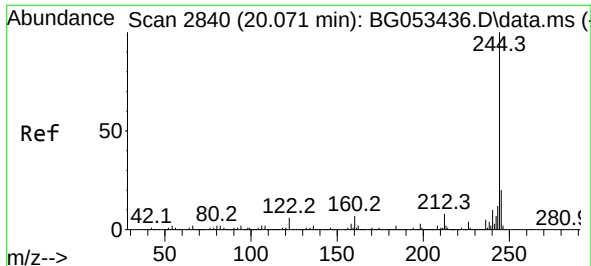
Tgt Ion:184 Resp: 221757
Ion Ratio Lower Upper
184 100
185 14.0 11.8 17.6
183 11.6 8.9 13.3



#78
Pyrene
Concen: 44.336 ng
RT: 19.875 min Scan# 2806
Delta R.T. -0.002 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

Tgt Ion:202 Resp: 613028
Ion Ratio Lower Upper
202 100
200 20.7 16.6 24.8
203 18.3 14.6 21.8

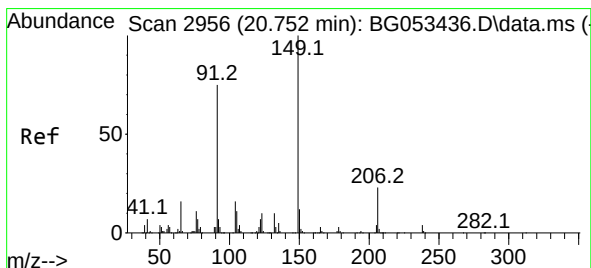
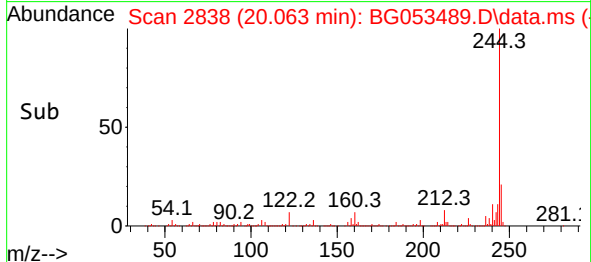
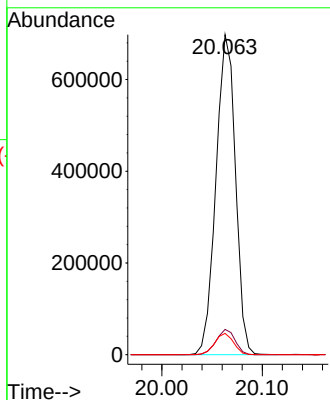
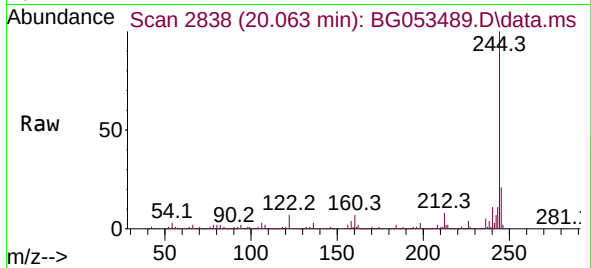




#79
 Terphenyl-d14
 Concen: 81.918 ng
 RT: 20.063 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG053489.D
 Acq: 9 May 2022 12:28

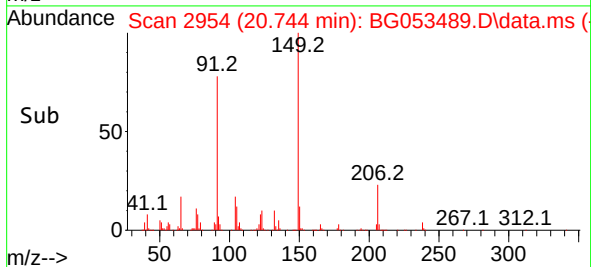
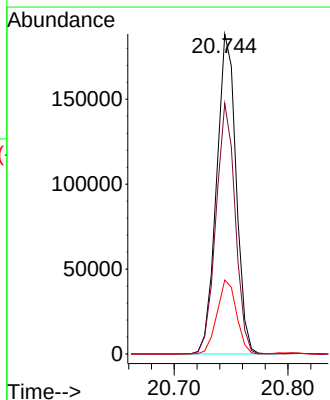
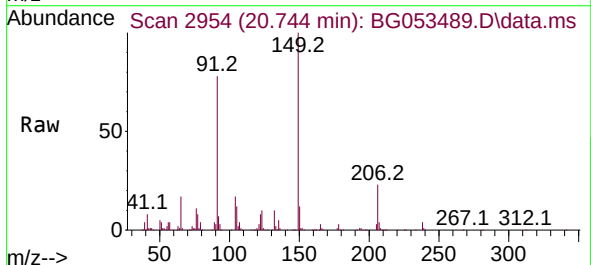
Instrument :
 BNA_G
 ClientSampleId :
 PB144630BSD

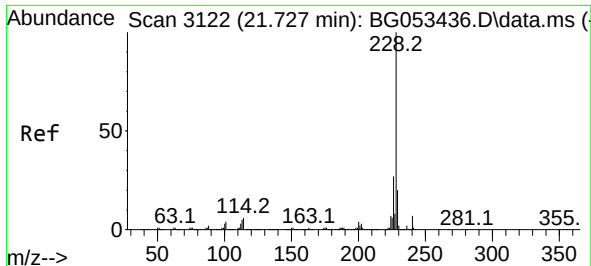
Tgt Ion:244 Resp: 939447
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 6.6 5.0 7.4



#80
 Butylbenzylphthalate
 Concen: 44.368 ng
 RT: 20.744 min Scan# 2954
 Delta R.T. -0.008 min
 Lab File: BG053489.D
 Acq: 9 May 2022 12:28

Tgt Ion:149 Resp: 224954
 Ion Ratio Lower Upper
 149 100
 91 78.3 59.6 89.4
 206 23.1 18.6 28.0

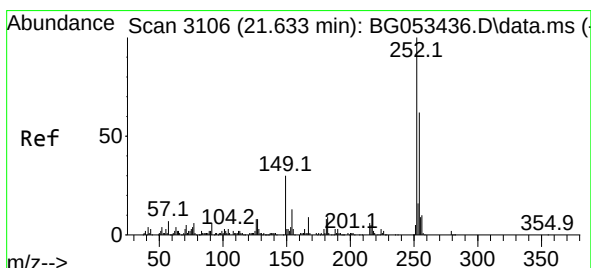
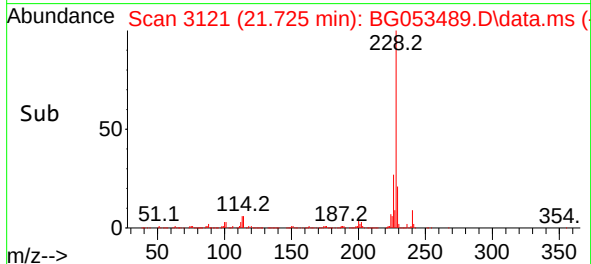
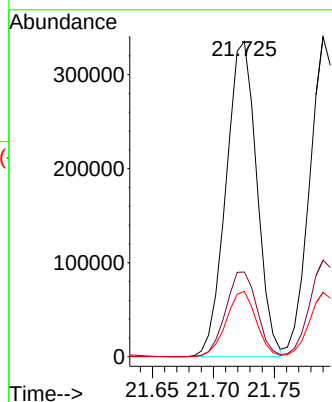
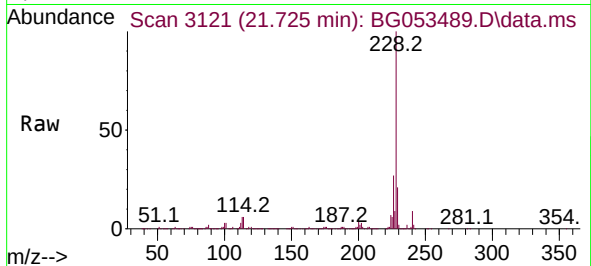




#81
Benzo(a)anthracene
Concen: 43.181 ng
RT: 21.725 min Scan# 3122
Delta R.T. -0.002 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

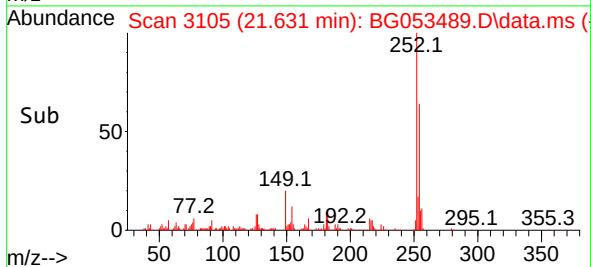
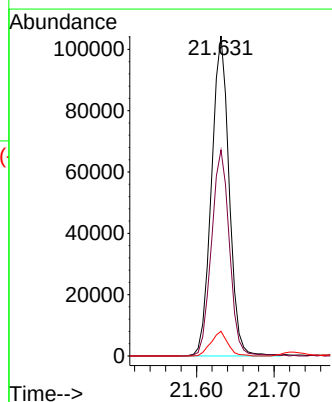
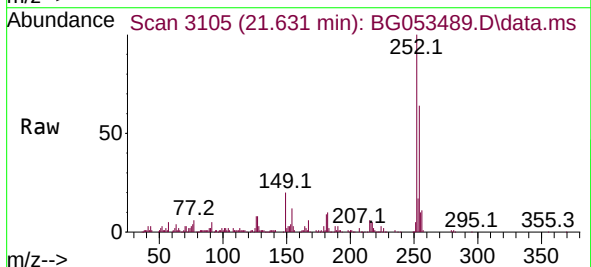
Instrument :
BNA_G
ClientSampleId :
PB144630BSD

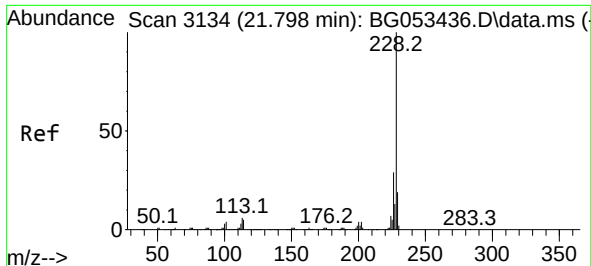
Tgt Ion:228 Resp: 588264
Ion Ratio Lower Upper
228 100
226 26.8 21.6 32.4
229 20.7 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 47.669 ng
RT: 21.631 min Scan# 3105
Delta R.T. -0.002 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

Tgt Ion:252 Resp: 164683
Ion Ratio Lower Upper
252 100
254 64.3 49.8 74.8
126 7.7 6.0 9.0

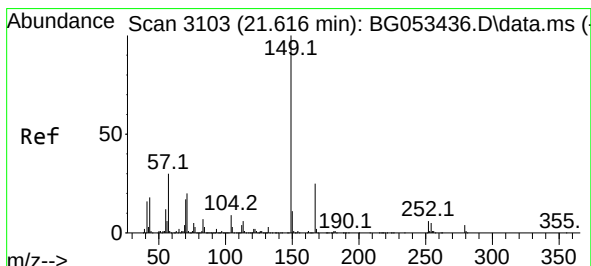
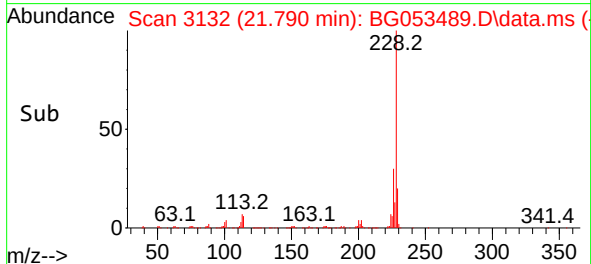
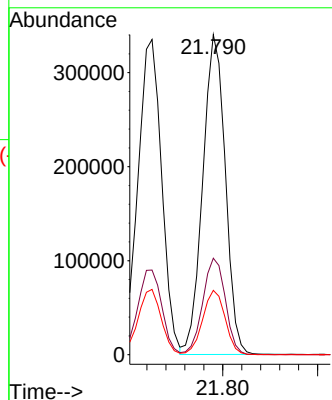
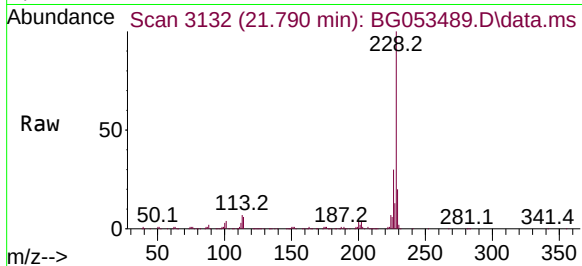




#83
Chrysene
Concen: 44.150 ng
RT: 21.790 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

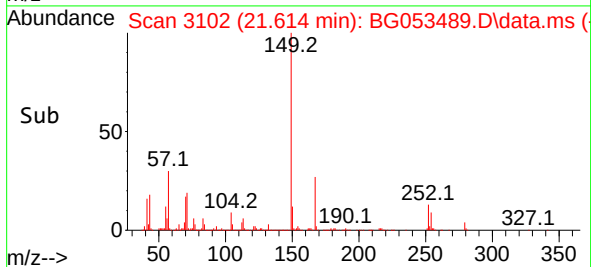
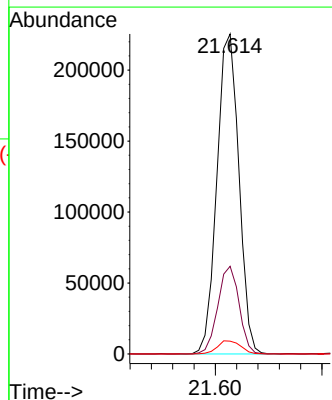
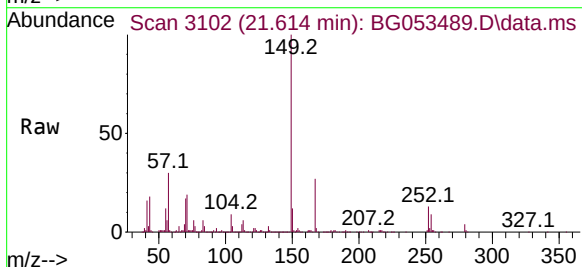
Instrument :
BNA_G
ClientSampleId :
PB144630BSD

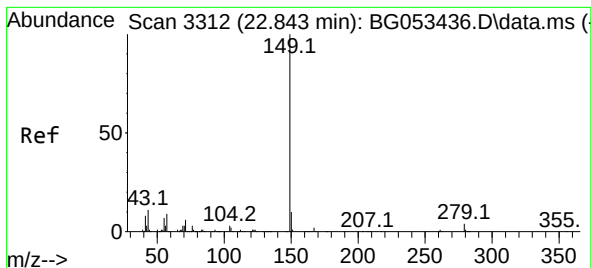
Tgt Ion:228 Resp: 561748
Ion Ratio Lower Upper
228 100
226 30.1 23.4 35.2
229 20.1 15.5 23.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.953 ng
RT: 21.614 min Scan# 3102
Delta R.T. -0.002 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

Tgt Ion:149 Resp: 321582
Ion Ratio Lower Upper
149 100
167 27.4 20.2 30.4
279 4.0 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 46.391 ng

RT: 22.836 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG053489.D

Acq: 9 May 2022 12:28

Instrument :

BNA_G

ClientSampleId :

PB144630BSD

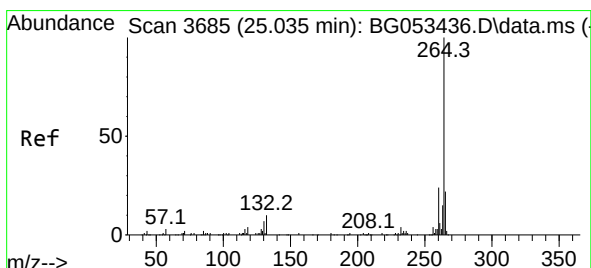
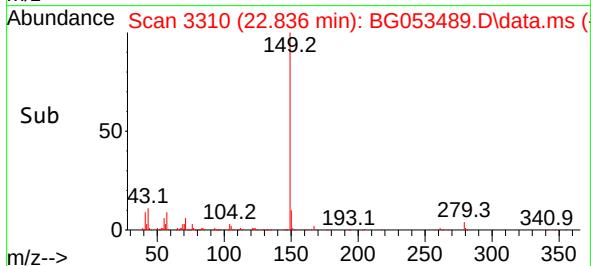
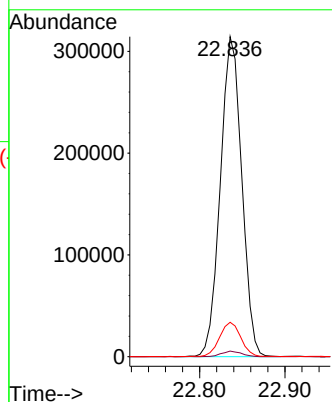
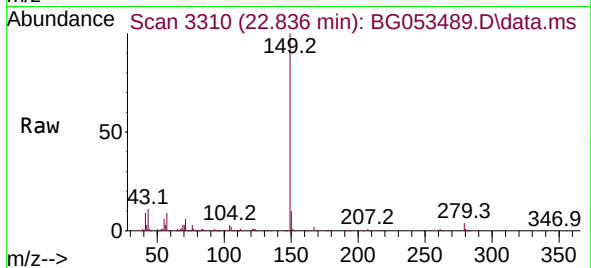
Tgt Ion:149 Resp: 548971

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.8 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.027 min Scan# 3683

Delta R.T. -0.008 min

Lab File: BG053489.D

Acq: 9 May 2022 12:28

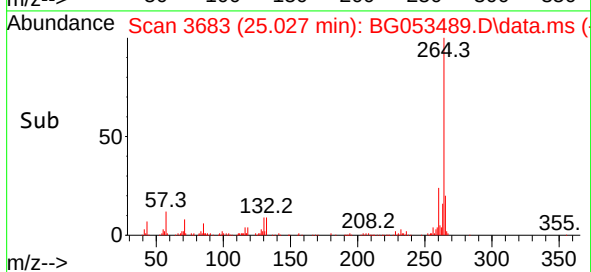
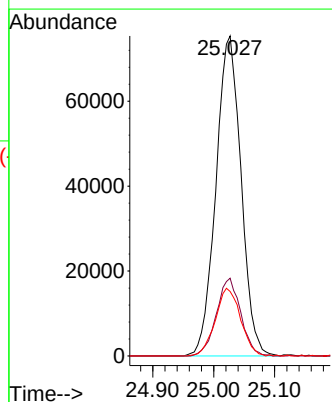
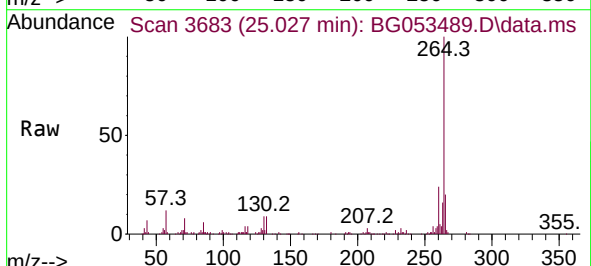
Tgt Ion:264 Resp: 215893

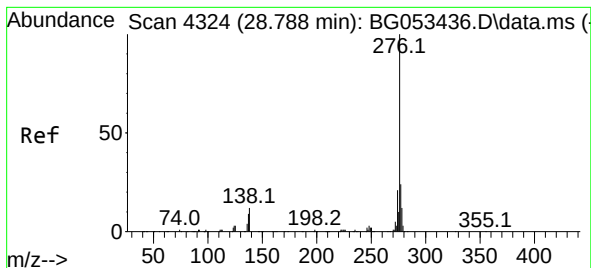
Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.6

265 20.2 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.428 ng

RT: 28.786 min Scan# 41

Delta R.T. -0.002 min

Lab File: BG053489.D

Acq: 9 May 2022 12:28

Instrument :

BNA_G

ClientSampleId :

PB144630BSD

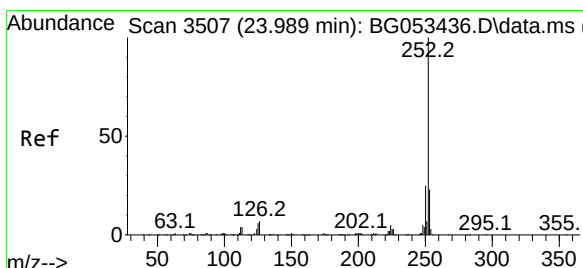
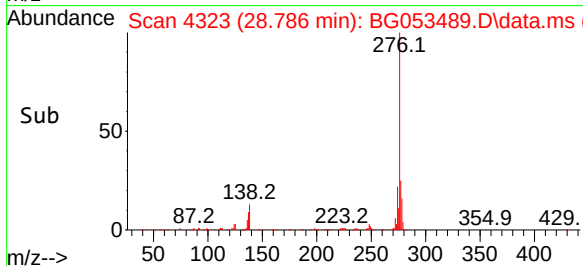
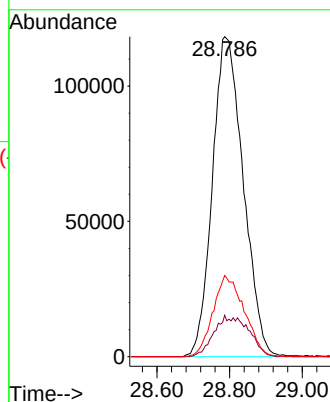
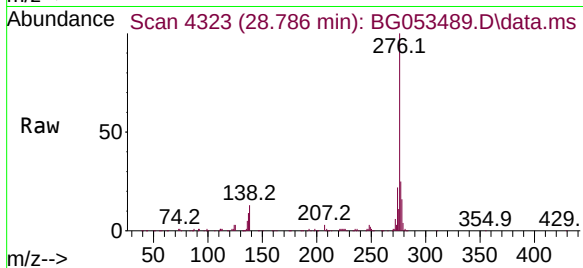
Tgt Ion:276 Resp: 698107

Ion Ratio Lower Upper

276 100

138 7.2 5.0 7.4

277 25.7 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 49.498 ng

RT: 23.981 min Scan# 3505

Delta R.T. -0.008 min

Lab File: BG053489.D

Acq: 9 May 2022 12:28

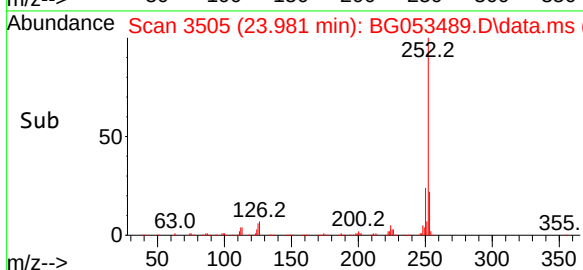
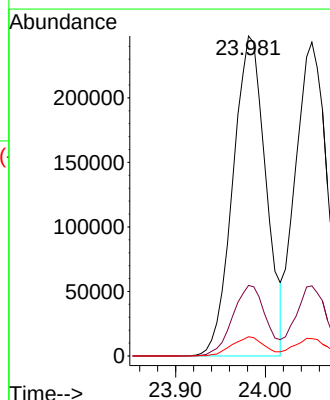
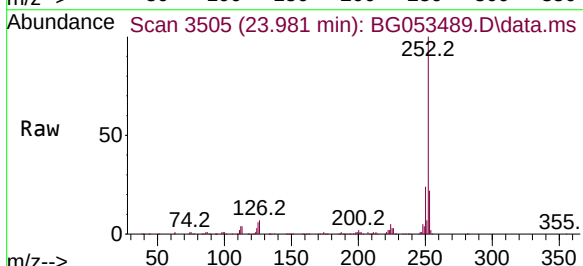
Tgt Ion:252 Resp: 632542

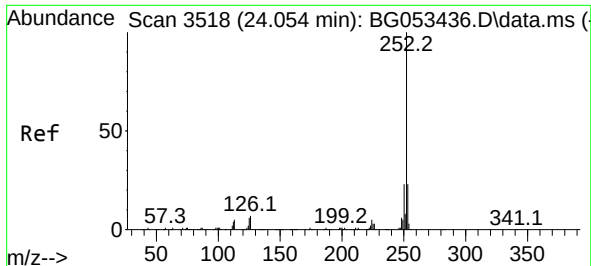
Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

125 6.0 4.6 6.8





#89

Benzo(k)fluoranthene

Concen: 47.227 ng

RT: 24.052 min Scan# 3

Delta R.T. -0.002 min

Lab File: BG053489.D

Acq: 9 May 2022 12:28

Instrument :

BNA_G

ClientSampleId :

PB144630BSD

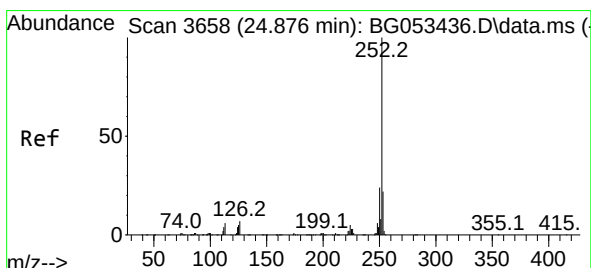
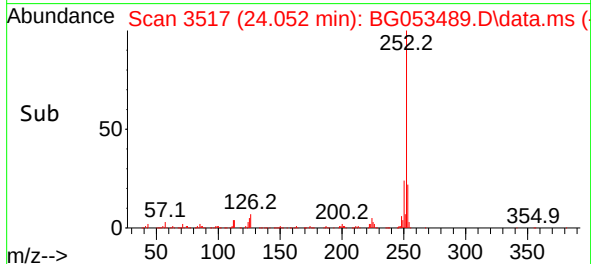
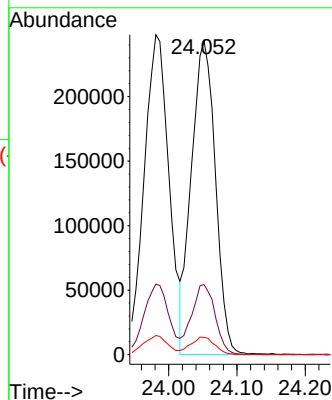
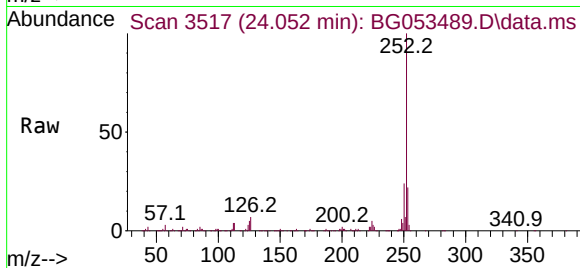
Tgt Ion:252 Resp: 593059

Ion Ratio Lower Upper

252 100

253 22.3 18.4 27.6

125 5.5 4.8 7.2



#90

Benzo(a)pyrene

Concen: 55.593 ng

RT: 24.874 min Scan# 3657

Delta R.T. -0.002 min

Lab File: BG053489.D

Acq: 9 May 2022 12:28

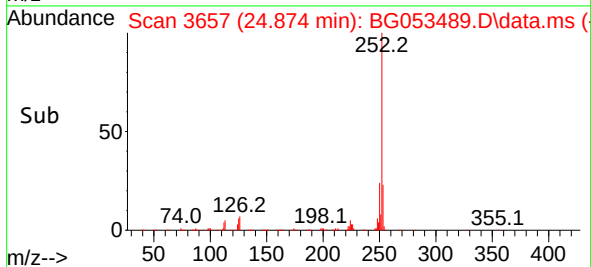
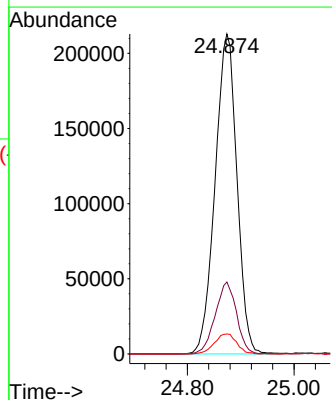
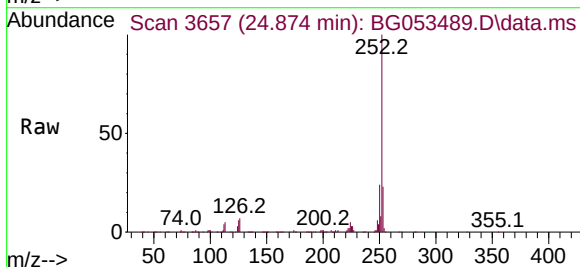
Tgt Ion:252 Resp: 604682

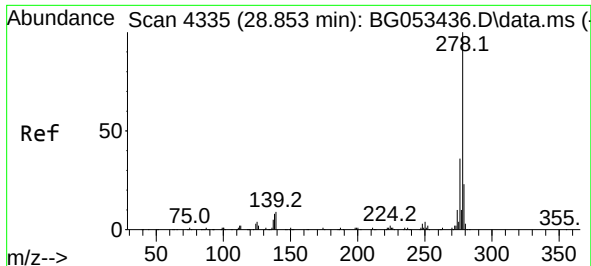
Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 6.3 4.3 6.5

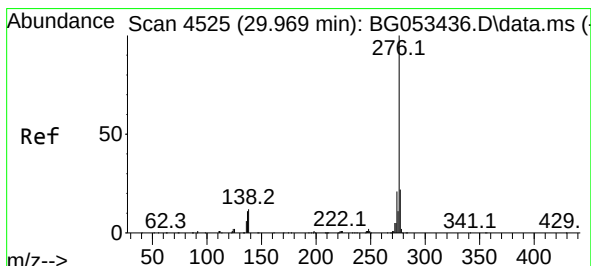
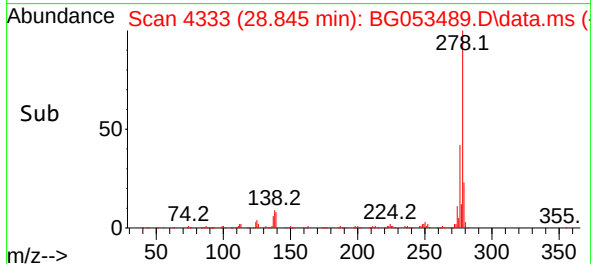
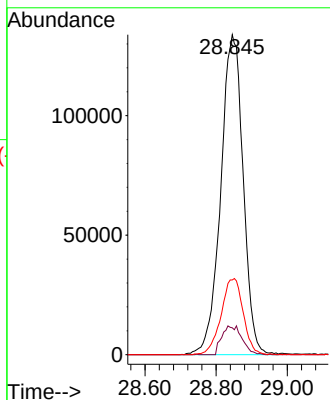
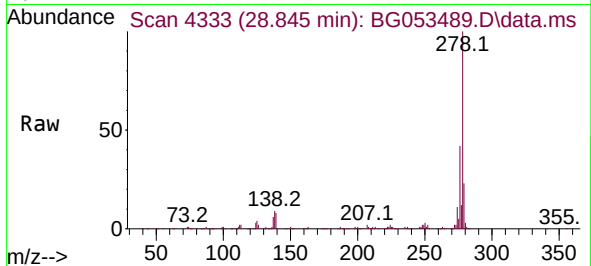




#91
Dibenzo(a,h)anthracene
Concen: 47.202 ng
RT: 28.845 min Scan# 41
Delta R.T. -0.008 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

Instrument :
BNA_G
ClientSampleId :
PB144630BSD

Tgt Ion:278 Resp: 584830
Ion Ratio Lower Upper
278 100
139 8.4 7.2 10.8
279 23.4 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 47.845 ng
RT: 29.967 min Scan# 4524
Delta R.T. -0.002 min
Lab File: BG053489.D
Acq: 9 May 2022 12:28

Tgt Ion:276 Resp: 587615
Ion Ratio Lower Upper
276 100
277 23.4 17.3 25.9
138 10.8 9.6 14.4

