

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050922\
 Data File : BG053491.D
 Acq On : 9 May 2022 13:45
 Operator : CG/JU
 Sample : PB144642BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144642BS

Quant Time: May 09 16:22:06 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	8.090	152	24687	20.000	ng	0.00
21) Naphthalene-d8	10.898	136	104824	20.000	ng	-0.01
39) Acenaphthene-d10	14.717	164	85538	20.000	ng	0.00
64) Phenanthrene-d10	17.460	188	208068	20.000	ng	0.00
76) Chrysene-d12	21.742	240	207448	20.000	ng	0.00
86) Perylene-d12	25.014	264	216376	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.658	112	216174	148.611	ng	0.00
7) Phenol-d6	7.256	99	317238	143.701	ng	0.00
23) Nitrobenzene-d5	9.253	82	218691	88.809	ng	0.00
42) 2,4,6-Tribromophenol	16.203	330	164406	130.317	ng	0.00
45) 2-Fluorobiphenyl	13.336	172	492155	84.077	ng	0.00
79) Terphenyl-d14	20.062	244	1019560	91.536	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.532	88	26279	34.432	ng	# 84
3) Pyridine	3.931	79	67450	36.187	ng	92
4) n-Nitrosodimethylamine	3.849	42	43660	48.086	ng	93
6) Aniline	7.409	93	128575	52.585	ng	98
8) 2-Chlorophenol	7.656	128	82872	54.497	ng	98
9) Benzaldehyde	7.221	77	56273	40.124	ng	94
10) Phenol	7.280	94	116994	54.186	ng	96
11) bis(2-Chloroethyl)ether	7.503	93	74848	46.481	ng	96
12) 1,3-Dichlorobenzene	7.979	146	83450	46.517	ng	91
13) 1,4-Dichlorobenzene	8.125	146	84405	46.625	ng	97
14) 1,2-Dichlorobenzene	8.449	146	82961	48.802	ng	98
15) Benzyl Alcohol	8.325	79	96706	52.397	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.607	45	127420	48.618	ng	97
17) 2-Methylphenol	8.531	107	76502	52.423	ng	98
18) Hexachloroethane	9.177	117	32205	46.847	ng	96
19) n-Nitroso-di-n-propyla...	8.895	70	75970	47.962	ng	98
20) 3+4-Methylphenols	8.866	107	106016	51.438	ng	98
22) Acetophenone	8.913	105	131198	45.731	ng	# 98
24) Nitrobenzene	9.294	77	117135	49.147	ng	98
25) Isophorone	9.817	82	210530	50.800	ng	99
26) 2-Nitrophenol	10.011	139	48002	49.727	ng	97
27) 2,4-Dimethylphenol	10.070	122	85216	58.659	ng	89
28) bis(2-Chloroethoxy)met...	10.293	93	111641	46.839	ng	98
29) 2,4-Dichlorophenol	10.552	162	91409	52.135	ng	95
30) 1,2,4-Trichlorobenzene	10.763	180	91692	46.028	ng	99
31) Naphthalene	10.951	128	252181	47.295	ng	99
32) Benzoic acid	10.246	122	30693	36.310	ng	# 86
33) 4-Chloroaniline	11.057	127	95381	42.713	ng	97
34) Hexachlorobutadiene	11.239	225	67147	45.456	ng	97
35) Caprolactam	11.826	113	15693	24.630	ng	93
36) 4-Chloro-3-methylphenol	12.179	107	107285	51.155	ng	96
37) 2-Methylnaphthalene	12.549	142	187135	47.028	ng	99
38) 1-Methylnaphthalene	12.549	142	187135	48.201	ng	95
40) 1,2,4,5-Tetrachloroben...	12.919	216	120308	44.620	ng	# 99
41) Hexachlorocyclopentadiene	12.895	237	120773	106.658	ng	98
43) 2,4,6-Trichlorophenol	13.154	196	83187	47.266	ng	98

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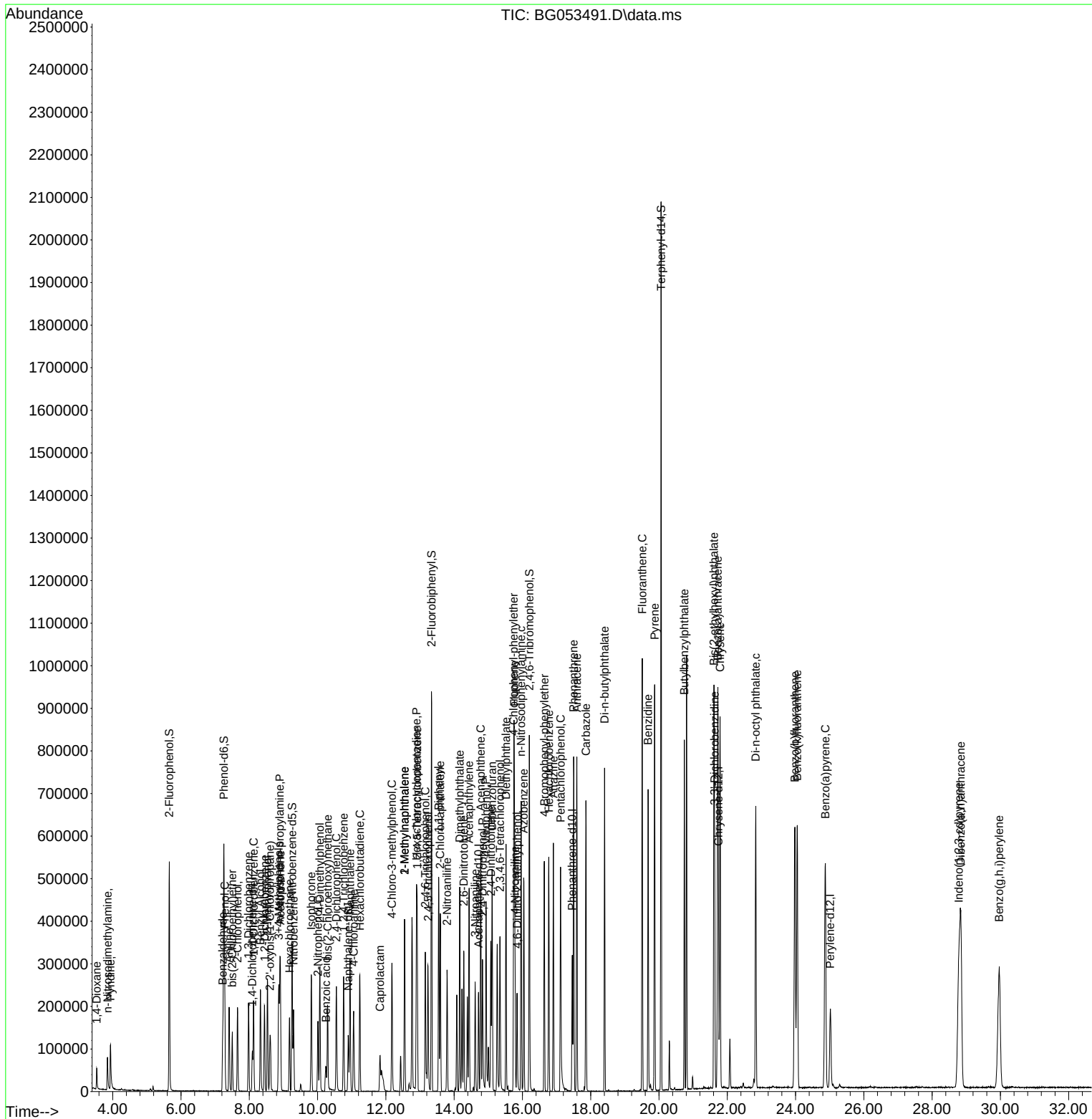
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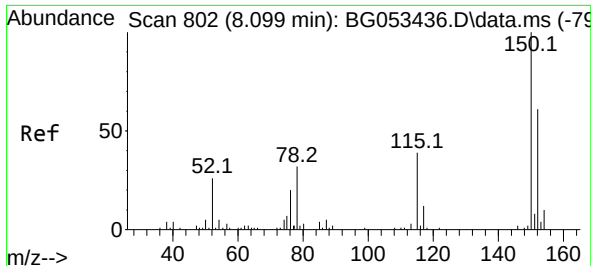
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.236	196	92712	49.495	ng	95
46) 1,1'-Biphenyl	13.548	154	262285	44.984	ng	99
47) 2-Chloronaphthalene	13.595	162	206316	45.164	ng	99
48) 2-Nitroaniline	13.794	65	86203	50.643	ng	97
49) Acenaphthylene	14.440	152	358075	49.122	ng	98
50) Dimethylphthalate	14.164	163	297003	45.692	ng	97
51) 2,6-Dinitrotoluene	14.282	165	64991	49.077	ng	97
52) Acenaphthene	14.781	154	202597	46.636	ng	98
53) 3-Nitroaniline	14.617	138	57956	40.504	ng	92
54) 2,4-Dinitrophenol	14.834	184	72446	85.700	ng	91
55) Dibenzofuran	15.116	168	350530	44.922	ng	99
56) 4-Nitrophenol	14.934	139	99042	96.910	ng	89
57) 2,4-Dinitrotoluene	15.075	165	95622	49.815	ng	90
58) Fluorene	15.762	166	287298	45.881	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.345	232	88448	46.539	ng	95
60) Diethylphthalate	15.521	149	310582	46.256	ng	98
61) 4-Chlorophenyl-phenyle...	15.745	204	161875	46.327	ng	99
62) 4-Nitroaniline	15.786	138	69627	46.915	ng	100
63) Azobenzene	16.038	77	318410	46.310	ng	99
65) 4,6-Dinitro-2-methylph...	15.844	198	55455	44.728	ng	98
66) n-Nitrosodiphenylamine	15.962	169	260915	47.761	ng	99
67) 4-Bromophenyl-phenylether	16.643	248	115741	47.630	ng	95
68) Hexachlorobenzene	16.773	284	125522	47.166	ng	98
69) Atrazine	16.908	200	113238	49.239	ng	99
70) Pentachlorophenol	17.119	266	125932	87.411	ng	93
71) Phenanthrene	17.501	178	503929	47.631	ng	97
72) Anthracene	17.595	178	504941	48.556	ng	98
73) Carbazole	17.859	167	459492	45.085	ng	100
74) Di-n-butylphthalate	18.406	149	530788	46.307	ng	100
75) Fluoranthene	19.510	202	649317	47.399	ng	99
77) Benzidine	19.680	184	417773	93.435	ng	98
78) Pyrene	19.874	202	643045	47.884	ng	99
80) Butylbenzylphthalate	20.744	149	237010	48.130	ng	98
81) Benzo(a)anthracene	21.719	228	641765	48.503	ng	98
82) 3,3'-Dichlorobenzidine	21.631	252	193946	57.802	ng	95
83) Chrysene	21.789	228	580009	46.935	ng	97
84) Bis(2-ethylhexyl)phtha...	21.607	149	332409	48.907	ng	98
85) Di-n-octyl phthalate	22.835	149	572761	49.834	ng	99
87) Indeno(1,2,3-cd)pyrene	28.786	276	730220	48.455	ng	# 98
88) Benzo(b)fluoranthene	23.980	252	688777	53.779	ng	100
89) Benzo(k)fluoranthene	24.051	252	627415	49.852	ng	98
90) Benzo(a)pyrene	24.873	252	650866	59.706	ng	99
91) Dibenzo(a,h)anthracene	28.839	278	633851	51.044	ng	99
92) Benzo(g,h,i)perylene	29.966	276	634125	51.517	ng	97

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

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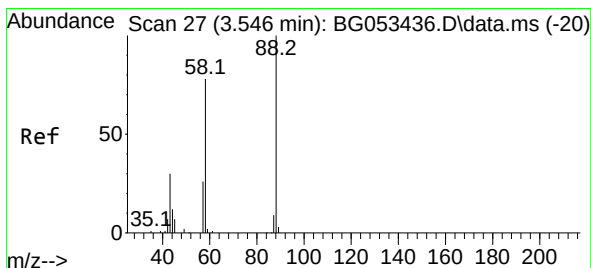
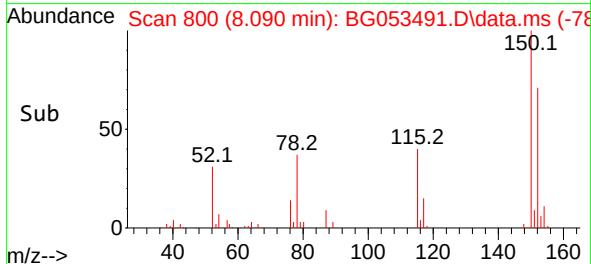
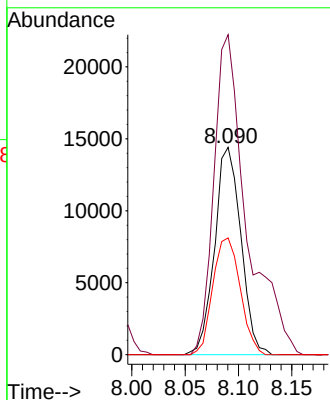
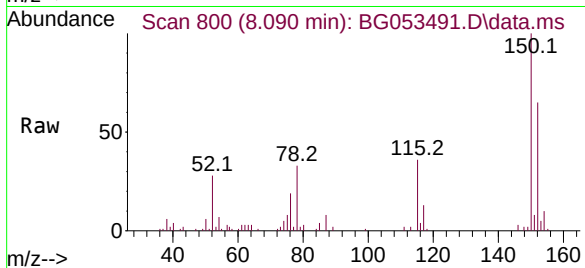




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.090 min Scan# 80
Delta R.T. -0.009 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

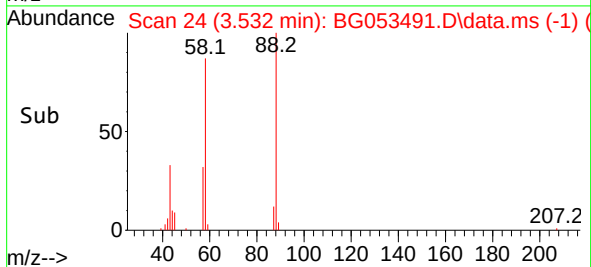
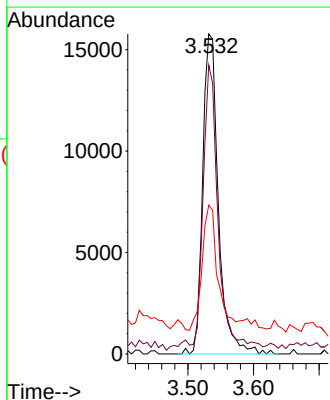
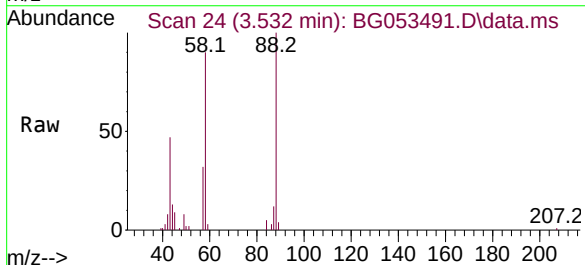
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ClientSampleId :
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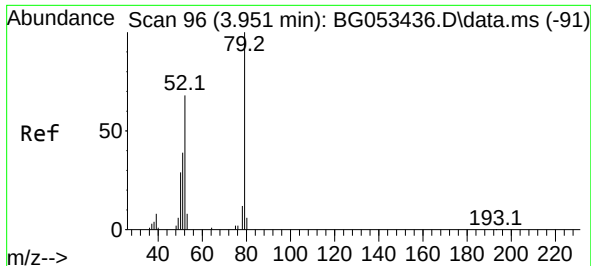
Tgt Ion:152 Resp: 24687
Ion Ratio Lower Upper
152 100
150 154.4 131.6 197.4
115 56.3 50.9 76.3



#2
1,4-Dioxane
Concen: 34.432 ng
RT: 3.532 min Scan# 24
Delta R.T. -0.014 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

Tgt Ion: 88 Resp: 26279
Ion Ratio Lower Upper
88 100
58 87.8 59.2 88.8
43 38.6 24.3 36.5#

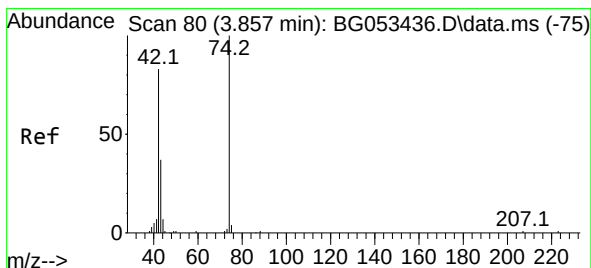
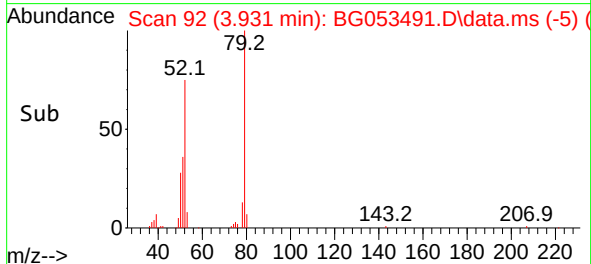
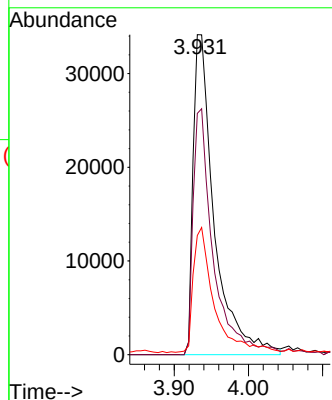
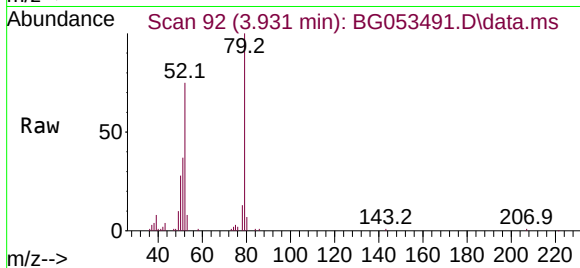




#3
Pyridine
Concen: 36.187 ng
RT: 3.931 min Scan# 91
Delta R.T. -0.020 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

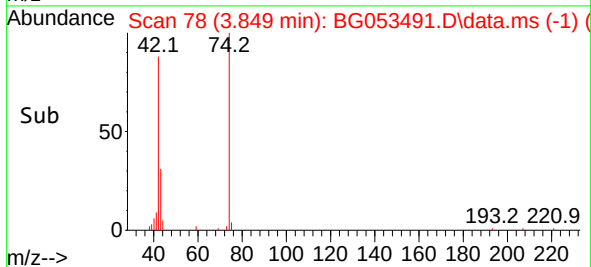
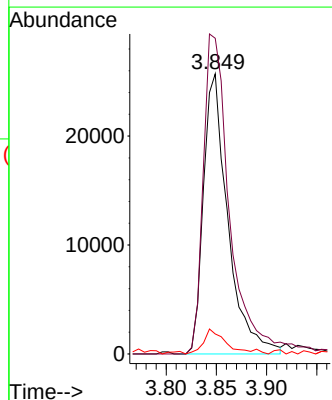
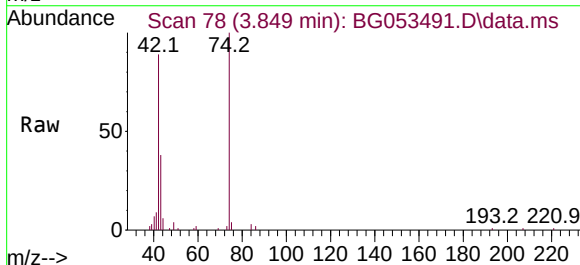
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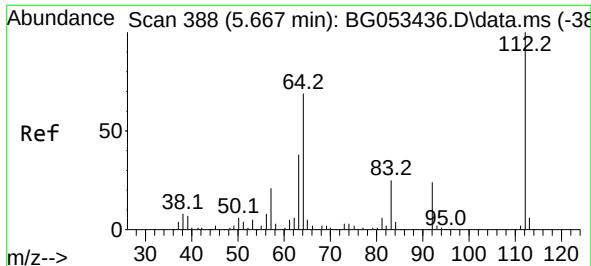
Tgt Ion: 79 Resp: 67450
Ion Ratio Lower Upper
79 100
52 75.4 54.6 81.8
51 37.2 32.5 48.7



#4
n-Nitrosodimethylamine
Concen: 48.086 ng
RT: 3.849 min Scan# 78
Delta R.T. -0.009 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

Tgt Ion: 42 Resp: 43660
Ion Ratio Lower Upper
42 100
74 112.7 97.0 145.4
44 7.2 7.0 10.4

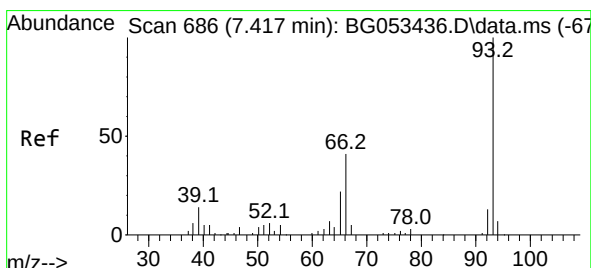
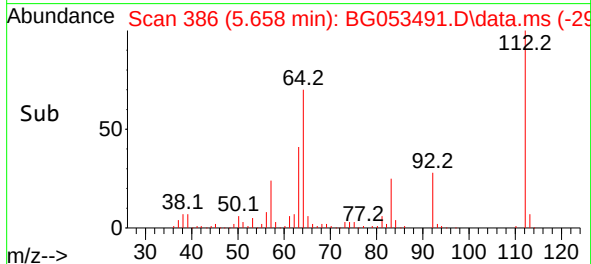
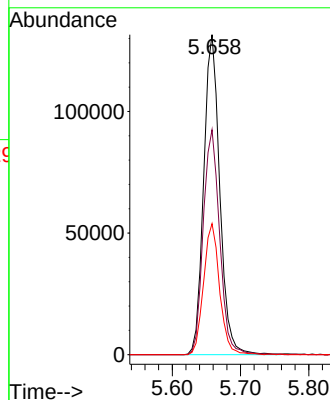
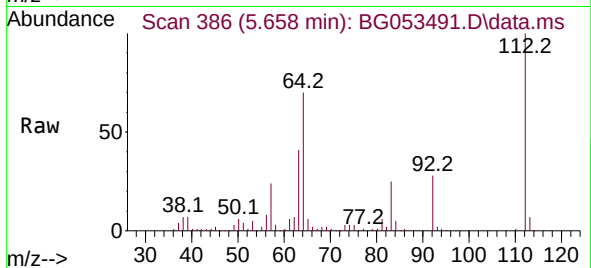




#5
2-Fluorophenol
Concen: 148.611 ng
RT: 5.658 min Scan# 386
Delta R.T. -0.009 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

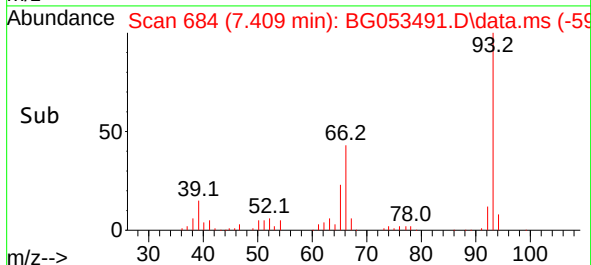
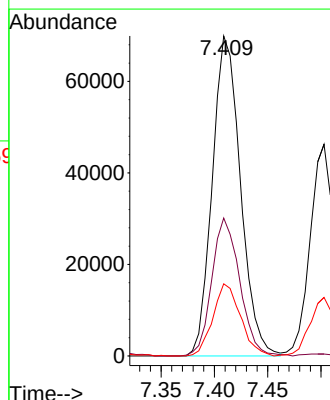
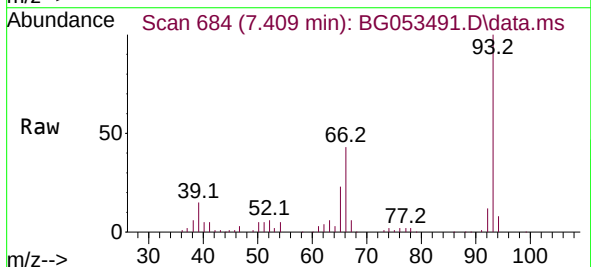
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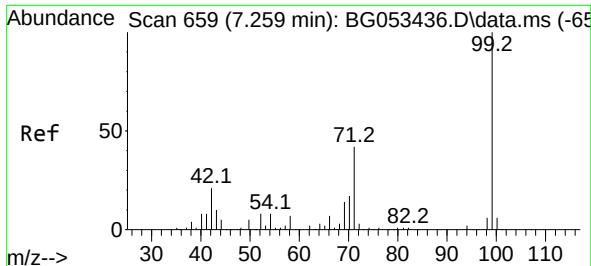
Tgt Ion:112 Resp: 216174
Ion Ratio Lower Upper
112 100
64 70.3 55.1 82.7
63 40.9 30.4 45.6



#6
Aniline
Concen: 52.585 ng
RT: 7.409 min Scan# 684
Delta R.T. -0.008 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

Tgt Ion: 93 Resp: 128575
Ion Ratio Lower Upper
93 100
66 43.1 32.9 49.3
65 22.6 17.8 26.8

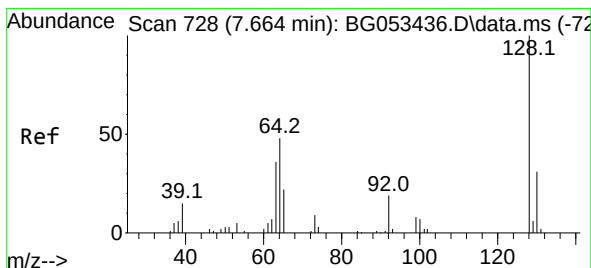
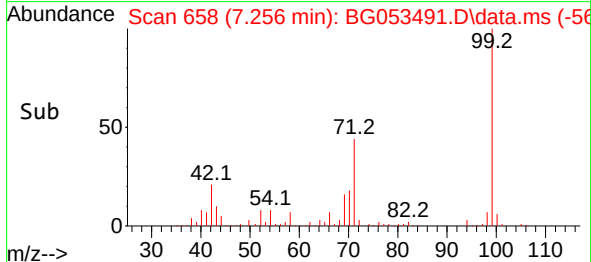
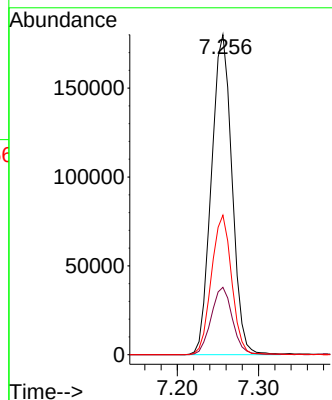
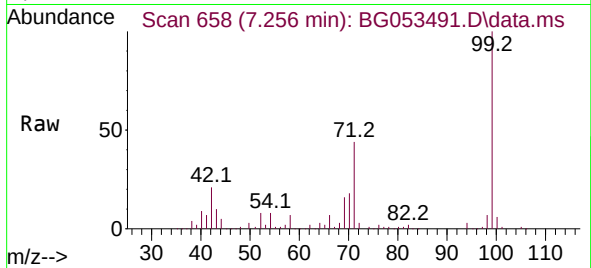




#7
Phenol-d6
Concen: 143.701 ng
RT: 7.256 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

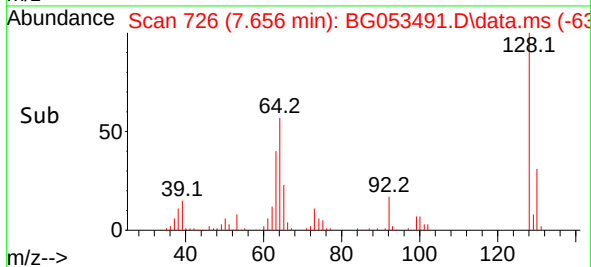
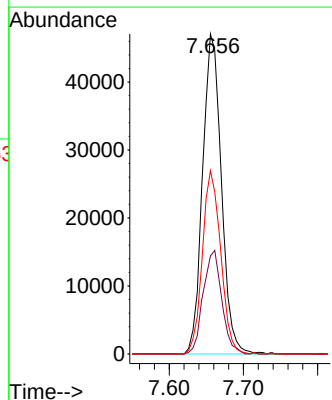
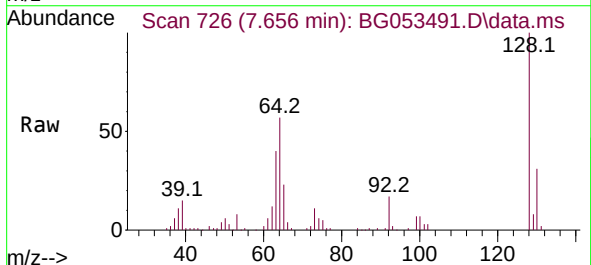
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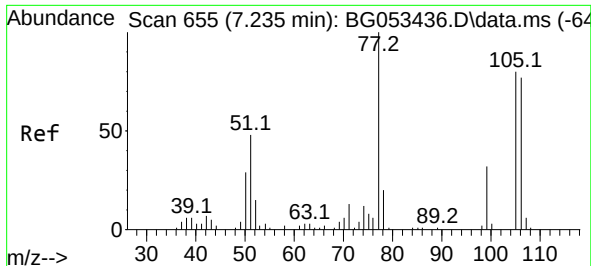
Tgt Ion: 99 Resp: 317238
Ion Ratio Lower Upper
99 100
42 21.0 17.0 25.6
71 43.6 33.8 50.8



#8
2-Chlorophenol
Concen: 54.497 ng
RT: 7.656 min Scan# 726
Delta R.T. -0.008 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

Tgt Ion:128 Resp: 82872
Ion Ratio Lower Upper
128 100
130 30.6 10.5 50.5
64 57.3 35.1 75.1

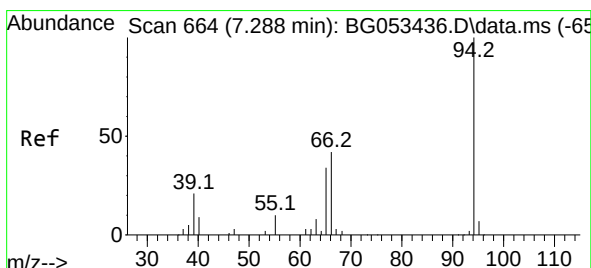
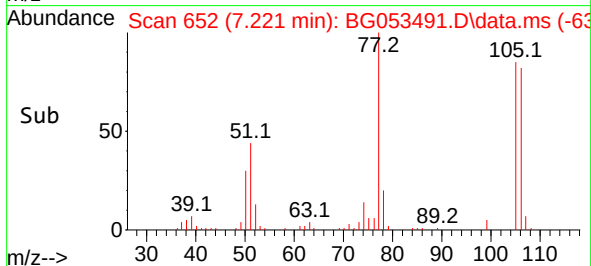
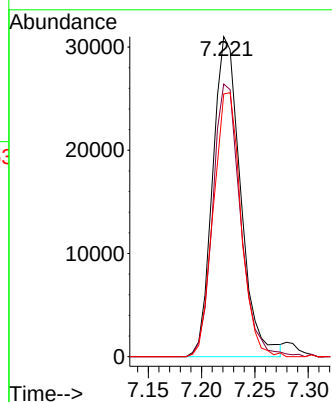
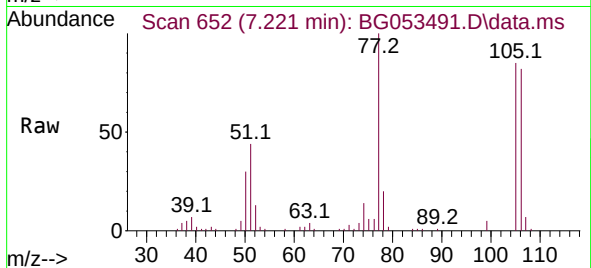




#9
Benzaldehyde
Concen: 40.124 ng
RT: 7.221 min Scan# 611
Delta R.T. -0.014 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

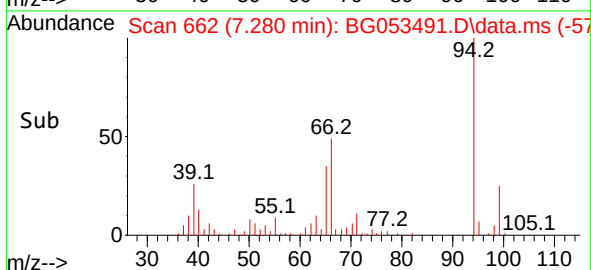
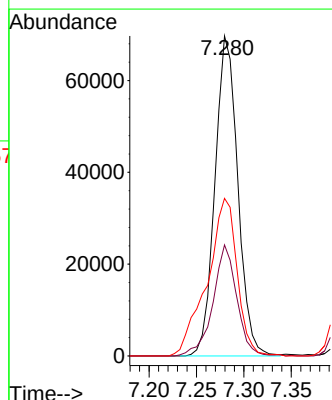
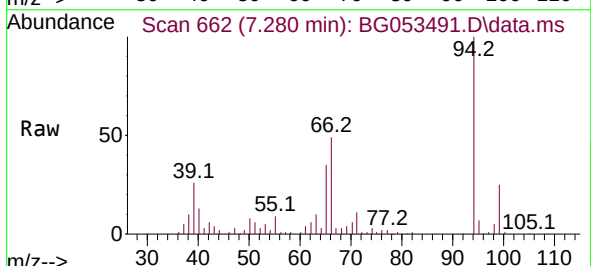
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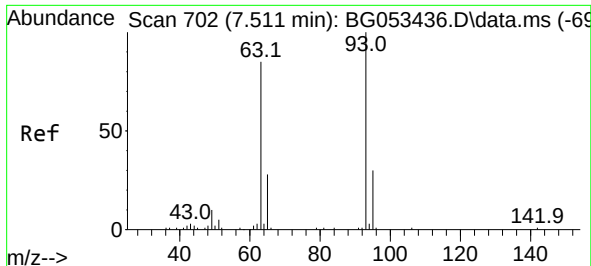
Tgt Ion: 77 Resp: 56273
Ion Ratio Lower Upper
77 100
105 85.2 59.6 99.6
106 82.1 56.8 96.8



#10
Phenol
Concen: 54.186 ng
RT: 7.280 min Scan# 662
Delta R.T. -0.008 min
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Tgt Ion: 94 Resp: 116994
Ion Ratio Lower Upper
94 100
65 34.7 14.8 54.8
66 49.3 25.2 65.2

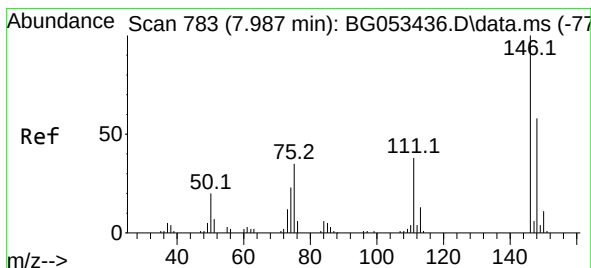
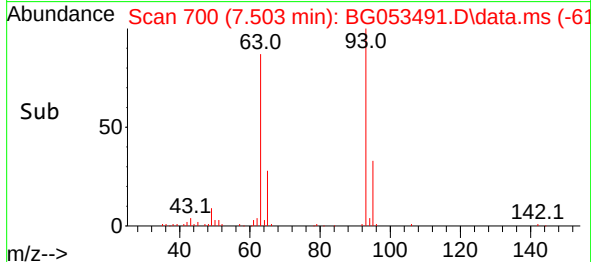
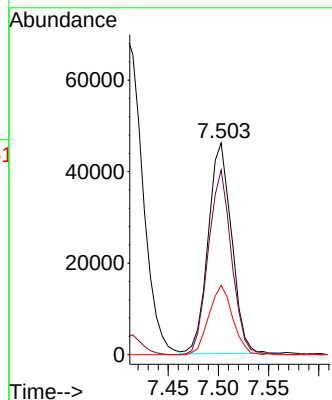
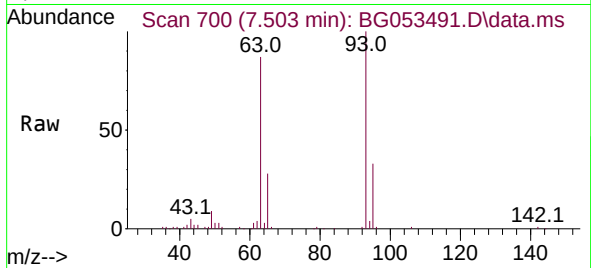




#11
bis(2-Chloroethyl)ether
Concen: 46.481 ng
RT: 7.503 min Scan# 702
Delta R.T. -0.008 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

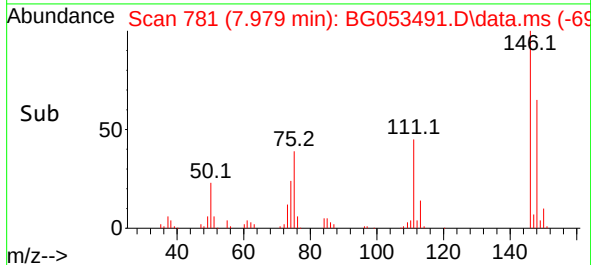
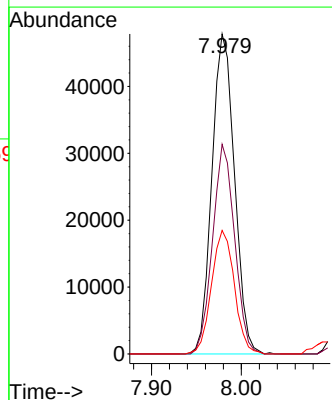
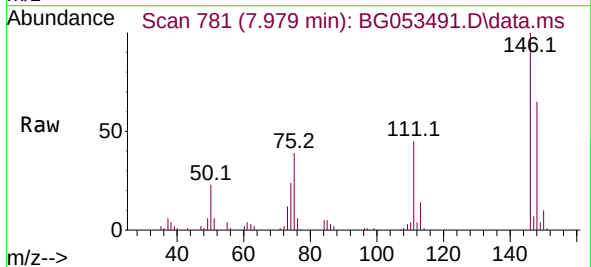
Instrument :
BNA_G
ClientSampleId :
PB144642BS

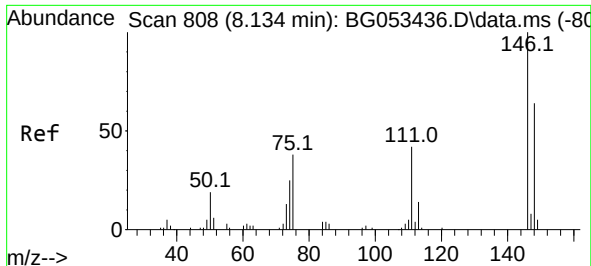
Tgt Ion: 93 Resp: 74848
Ion Ratio Lower Upper
93 100
63 87.3 63.6 103.6
95 32.7 10.1 50.1



#12
1,3-Dichlorobenzene
Concen: 46.517 ng
RT: 7.979 min Scan# 781
Delta R.T. -0.009 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

Tgt Ion: 146 Resp: 83450
Ion Ratio Lower Upper
146 100
148 65.5 46.1 69.1
75 38.6 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 46.625 ng

RT: 8.125 min Scan# 80

Delta R.T. -0.008 min

Lab File: BG053491.D

Acq: 9 May 2022 13:45

Instrument :

BNA_G

ClientSampleId :

PB144642BS

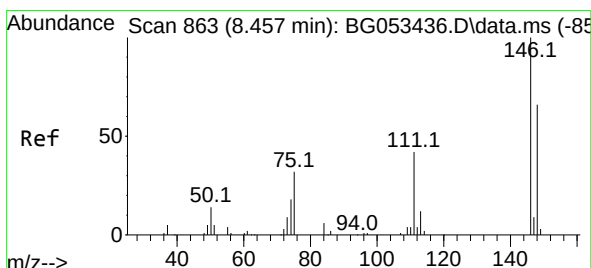
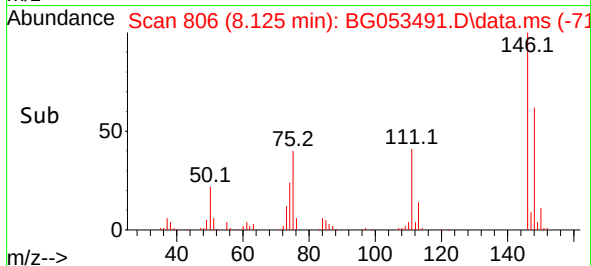
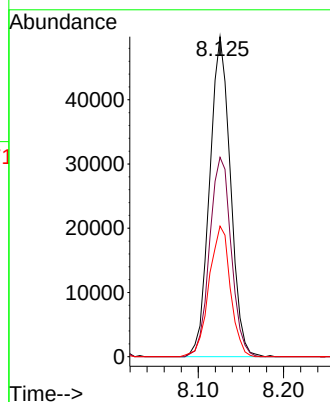
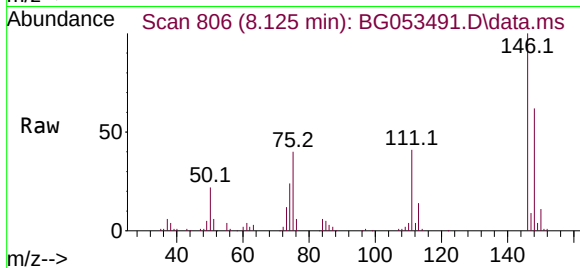
Tgt Ion:146 Resp: 84405

Ion Ratio Lower Upper

146 100

148 62.3 51.5 77.3

111 40.8 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 48.802 ng

RT: 8.449 min Scan# 861

Delta R.T. -0.008 min

Lab File: BG053491.D

Acq: 9 May 2022 13:45

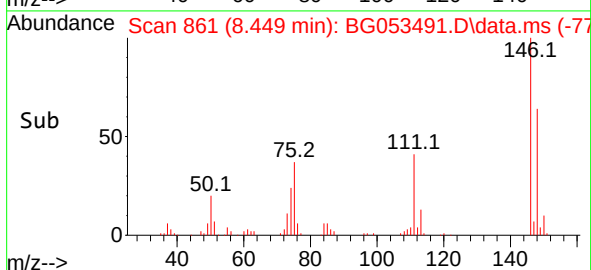
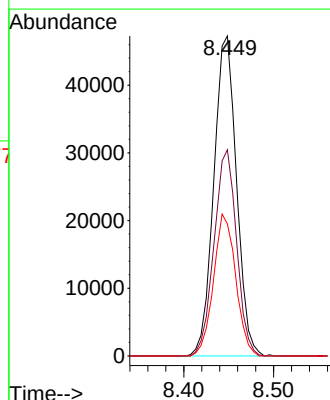
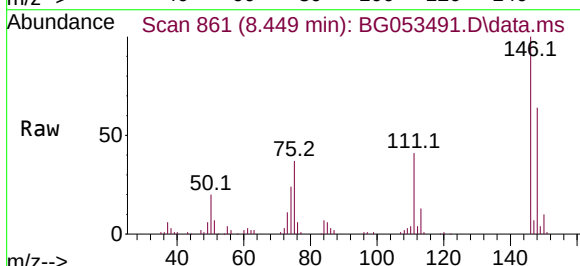
Tgt Ion:146 Resp: 82961

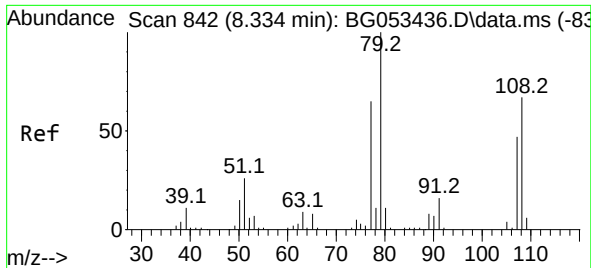
Ion Ratio Lower Upper

146 100

148 64.4 52.6 78.8

111 41.3 34.5 51.7

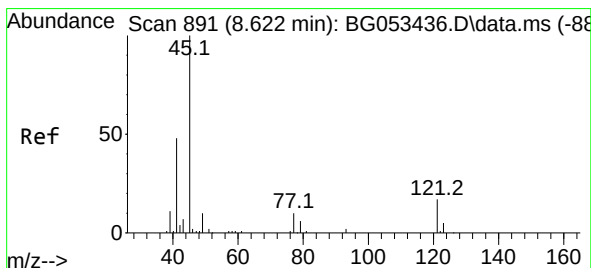
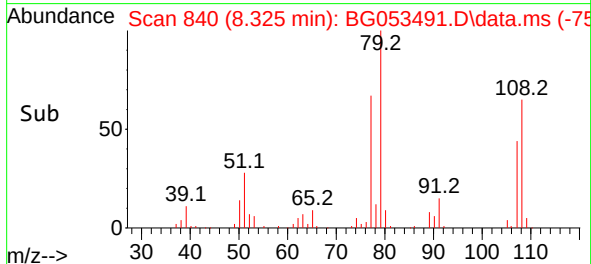
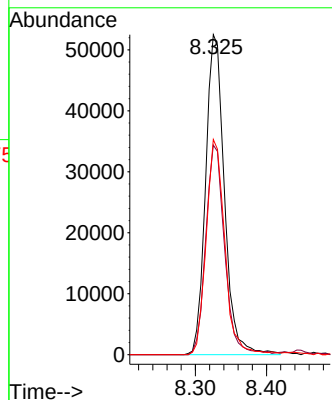
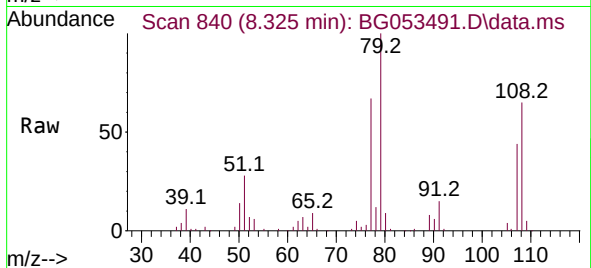




#15
Benzyl Alcohol
Concen: 52.397 ng
RT: 8.325 min Scan# 841
Delta R.T. -0.008 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

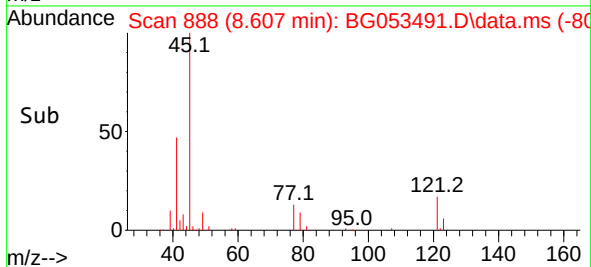
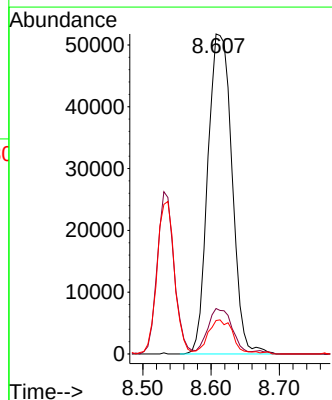
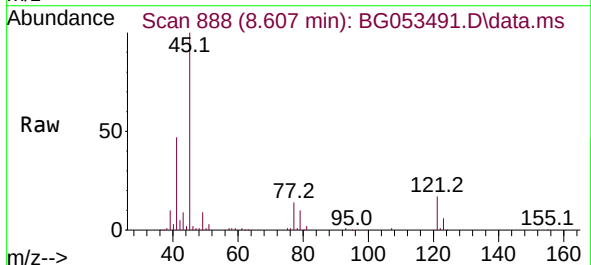
Instrument :
BNA_G
ClientSampleId :
PB144642BS

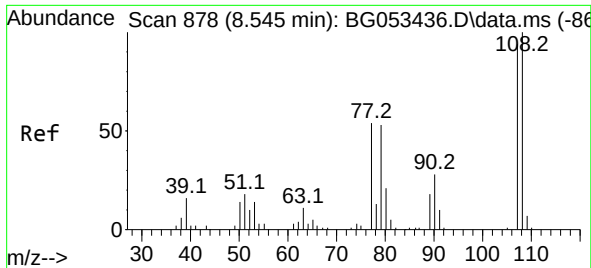
Tgt Ion: 79 Resp: 96706
Ion Ratio Lower Upper
79 100
108 65.5 53.7 80.5
77 67.3 52.2 78.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 48.618 ng
RT: 8.607 min Scan# 888
Delta R.T. -0.014 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

Tgt Ion: 45 Resp: 127420
Ion Ratio Lower Upper
45 100
77 14.2 0.0 32.7
79 10.5 0.0 29.7

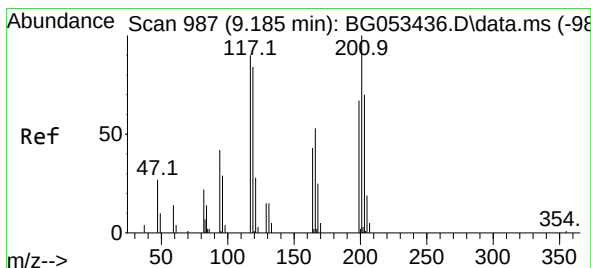
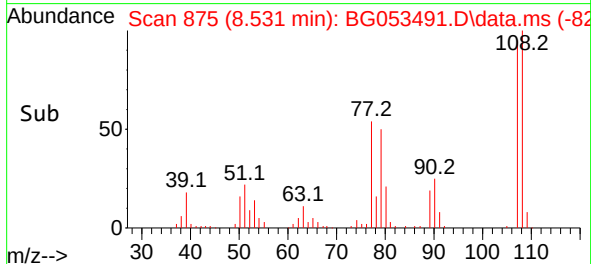
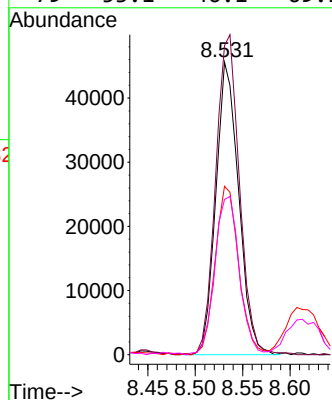
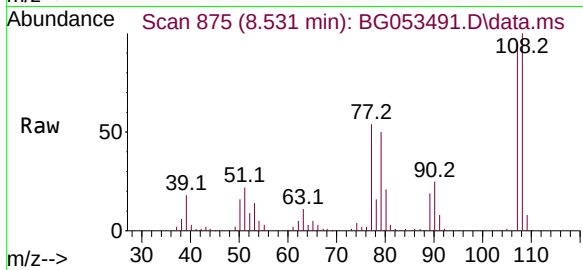




#17
2-Methylphenol
Concen: 52.423 ng
RT: 8.531 min Scan# 81
Delta R.T. -0.014 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

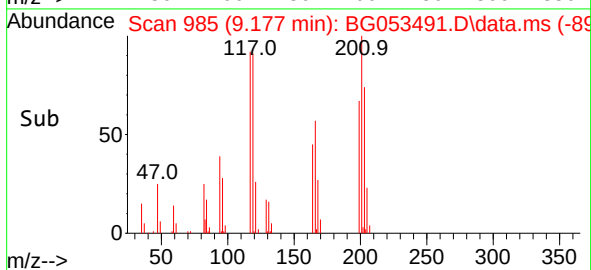
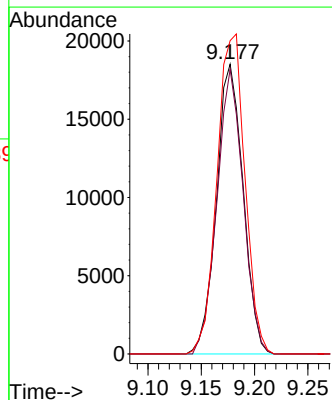
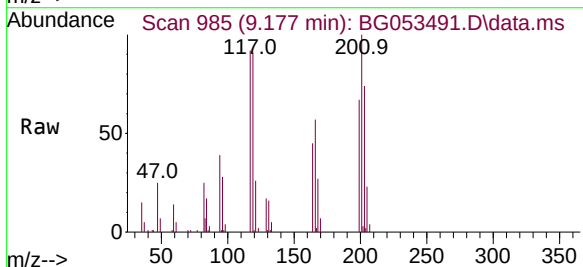
Instrument :
BNA_G
ClientSampleId :
PB144642BS

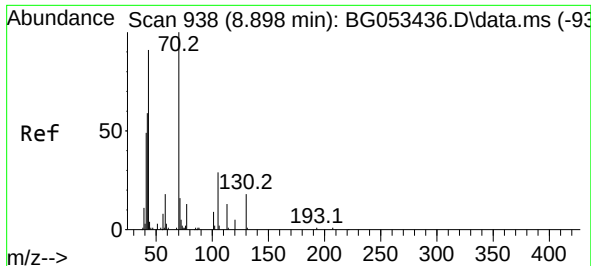
Tgt Ion:	107	Resp:	76502
Ion	Ratio	Lower	Upper
107	100		
108	105.6	85.4	128.0
77	57.6	46.2	69.2
79	53.1	46.1	69.1



#18
Hexachloroethane
Concen: 46.847 ng
RT: 9.177 min Scan# 985
Delta R.T. -0.008 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

Tgt Ion:	117	Resp:	32205
Ion	Ratio	Lower	Upper
117	100		
119	98.2	75.0	112.6
201	108.2	89.0	133.6

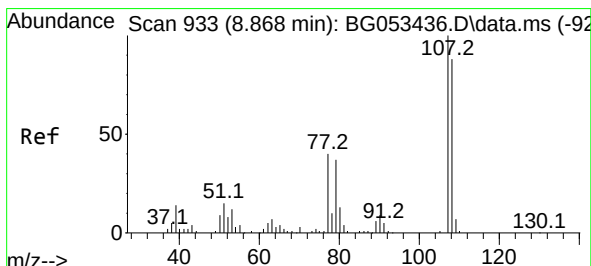
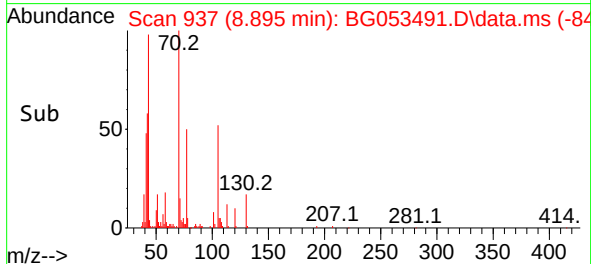
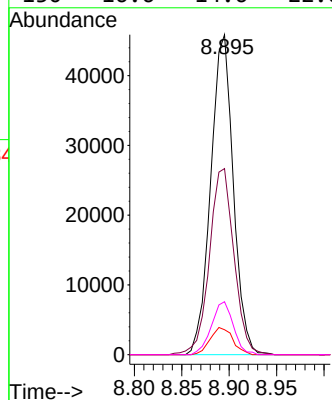
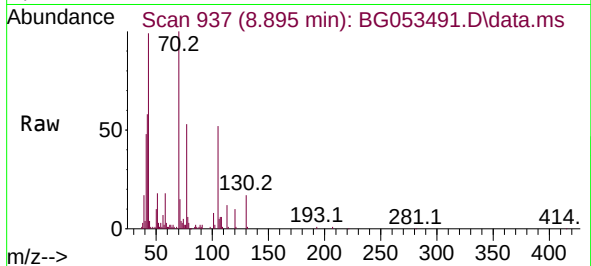




#19
n-Nitroso-di-n-propylamine
Concen: 47.962 ng
RT: 8.895 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

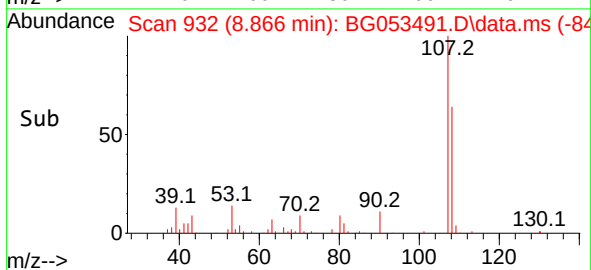
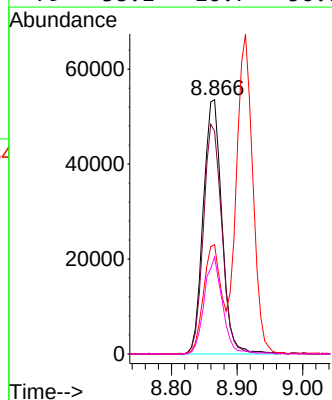
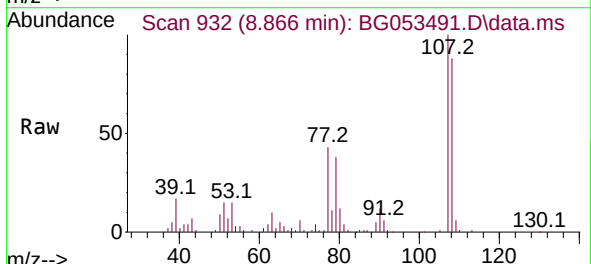
Instrument :
BNA_G
ClientSampleId :
PB144642BS

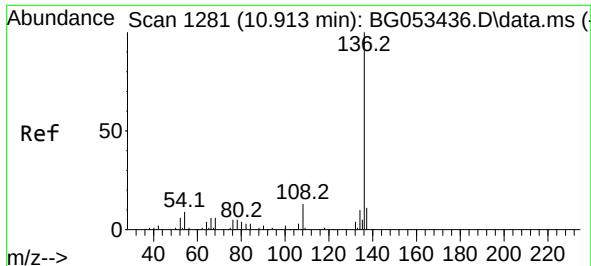
Tgt Ion: 70 Resp: 75970
Ion Ratio Lower Upper
70 100
42 58.1 47.3 70.9
101 7.8 7.0 10.4
130 16.6 14.6 22.0



#20
3+4-Methylphenols
Concen: 51.438 ng
RT: 8.866 min Scan# 932
Delta R.T. -0.003 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

Tgt Ion: 107 Resp: 106016
Ion Ratio Lower Upper
107 100
108 87.6 67.5 107.5
77 43.0 20.3 60.3
79 38.1 16.7 56.7

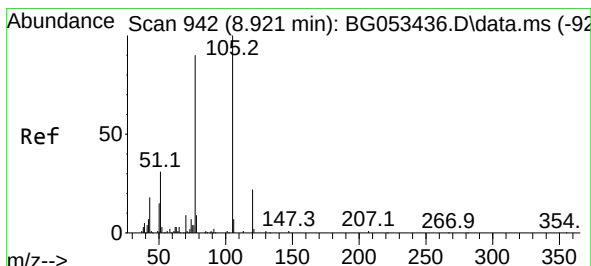
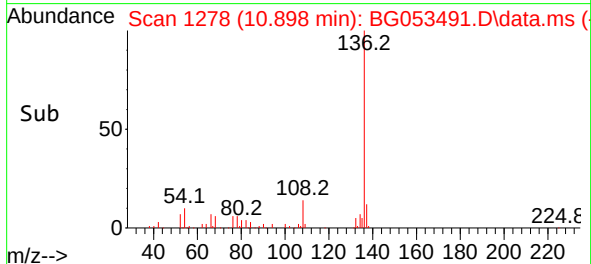
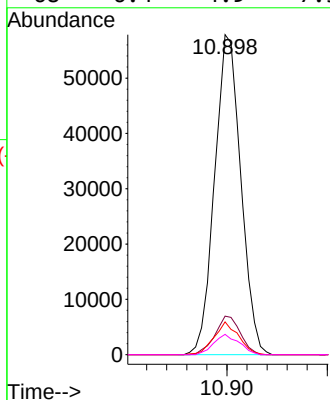
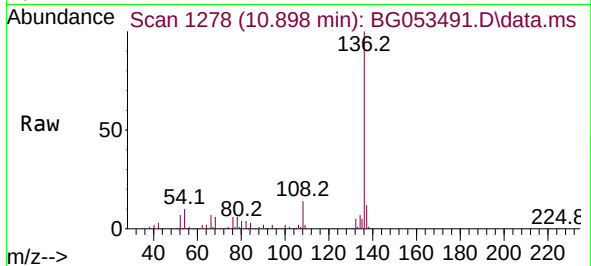




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.898 min Scan# 11
Delta R.T. -0.015 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

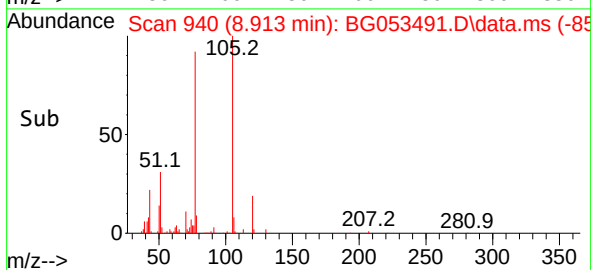
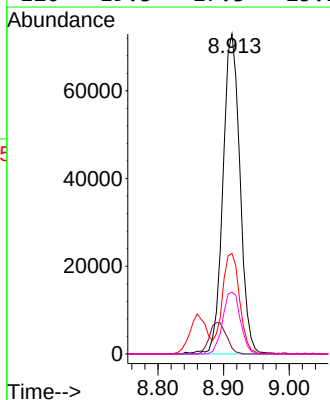
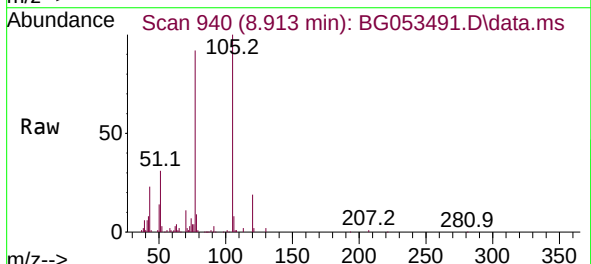
Instrument :
BNA_G
ClientSampleId :
PB144642BS

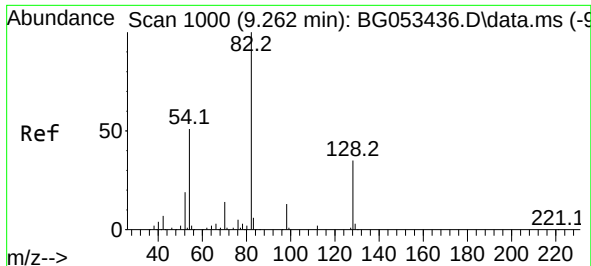
Tgt Ion:	136	Resp:	104824
Ion Ratio	Lower	Upper	
136	100		
137	12.1	8.5	12.7
54	10.2	7.4	11.2
68	6.4	4.9	7.3



#22
Acetophenone
Concen: 45.731 ng
RT: 8.913 min Scan# 940
Delta R.T. -0.008 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

Tgt Ion:	105	Resp:	131198
Ion Ratio	Lower	Upper	
105	100		
71	1.9	1.1	1.7#
51	31.5	25.4	38.0
120	19.3	17.3	25.9

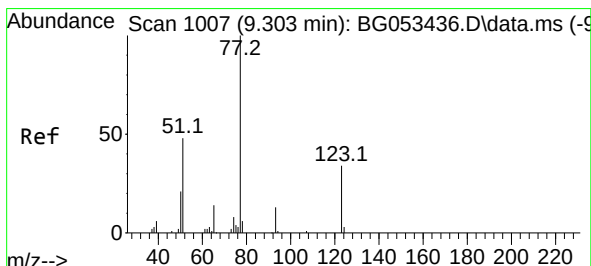
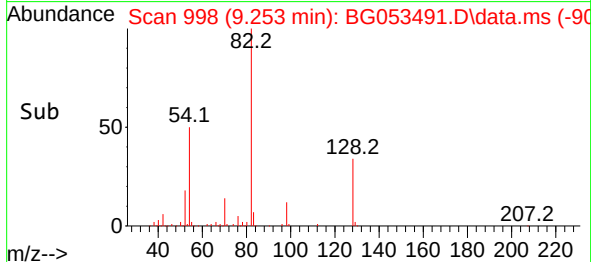
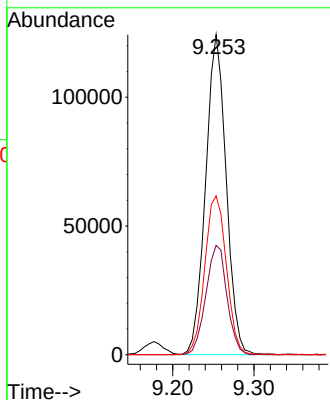
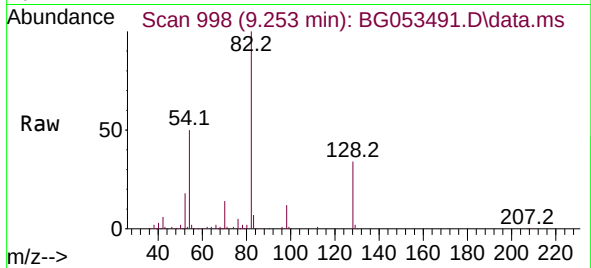




#23
Nitrobenzene-d5
Concen: 88.809 ng
RT: 9.253 min Scan# 91
Delta R.T. -0.009 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

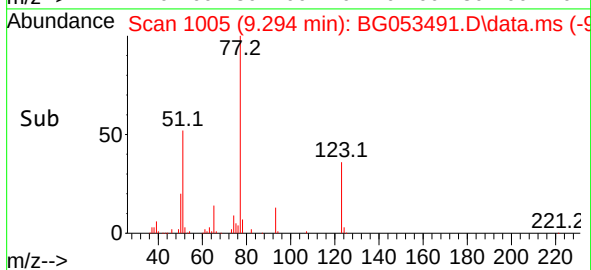
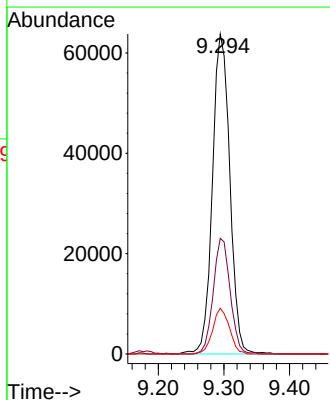
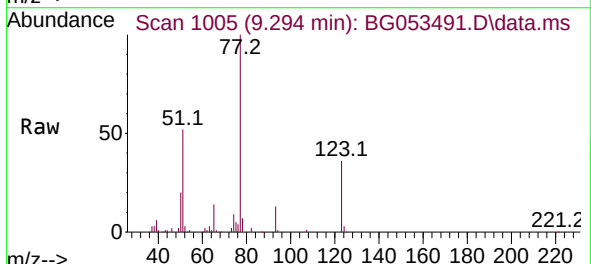
Instrument :
BNA_G
ClientSampleId :
PB144642BS

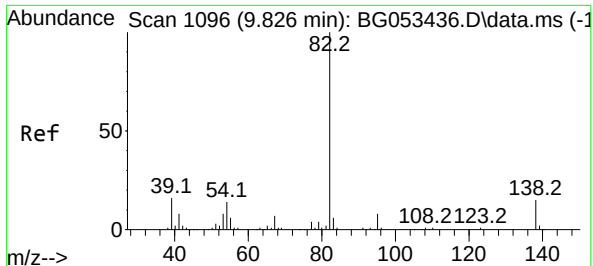
Tgt Ion: 82 Resp: 218691
Ion Ratio Lower Upper
82 100
128 34.2 27.9 41.9
54 49.6 41.2 61.8



#24
Nitrobenzene
Concen: 49.147 ng
RT: 9.294 min Scan# 1005
Delta R.T. -0.008 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

Tgt Ion: 77 Resp: 117135
Ion Ratio Lower Upper
77 100
123 36.1 27.4 41.0
65 14.3 11.4 17.0

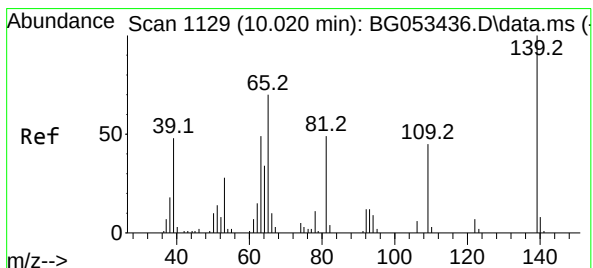
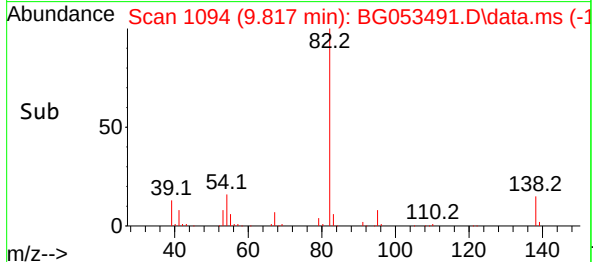
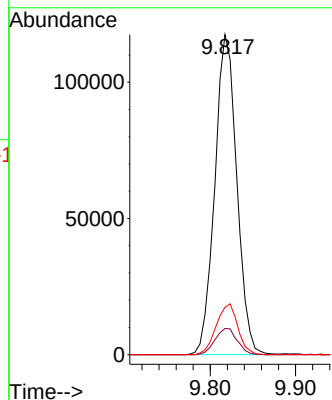
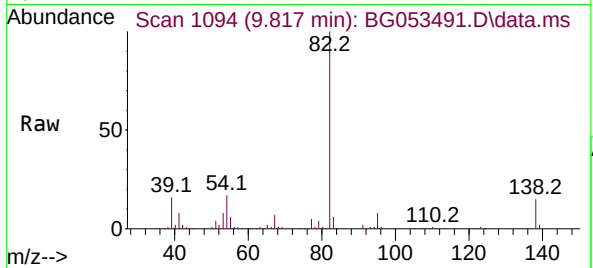




#25
Isophorone
Concen: 50.800 ng
RT: 9.817 min Scan# 1094
Delta R.T. -0.008 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

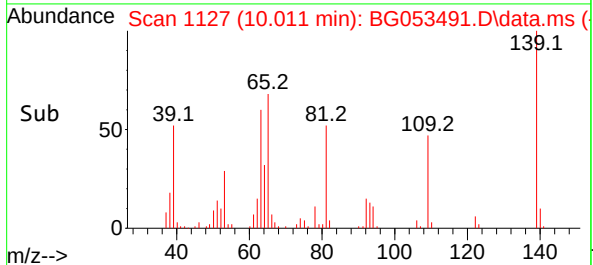
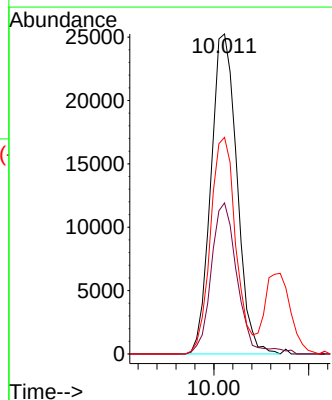
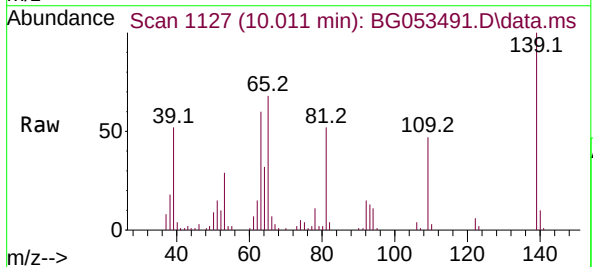
Instrument :
BNA_G
ClientSampleId :
PB144642BS

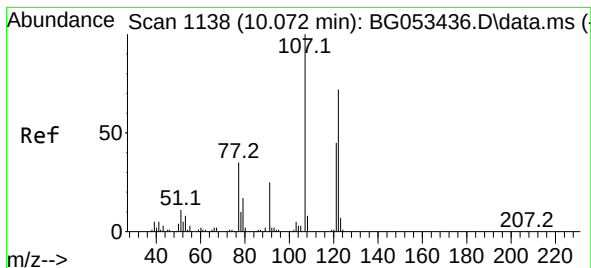
Tgt Ion: 82 Resp: 210530
Ion Ratio Lower Upper
82 100
95 8.2 6.2 9.4
138 14.8 11.6 17.4



#26
2-Nitrophenol
Concen: 49.727 ng
RT: 10.011 min Scan# 1127
Delta R.T. -0.008 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

Tgt Ion: 139 Resp: 48002
Ion Ratio Lower Upper
139 100
109 47.2 36.1 54.1
65 67.7 55.8 83.6

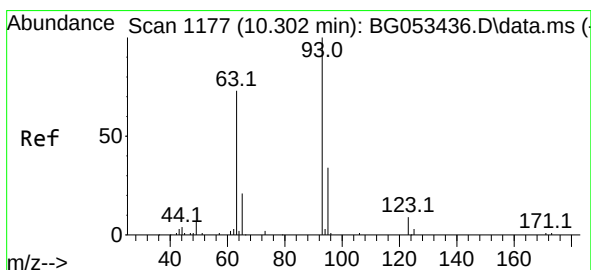
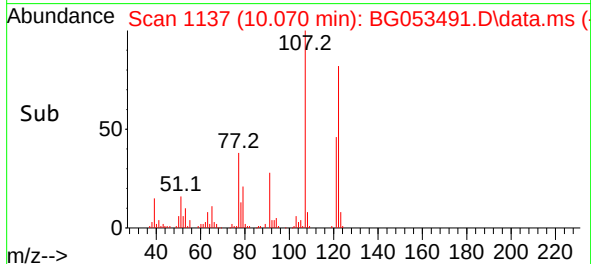
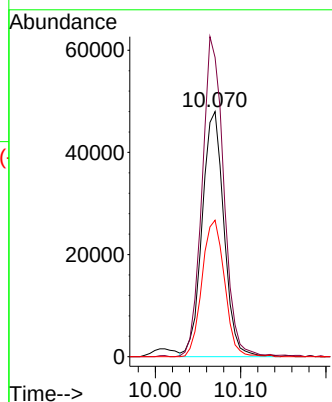
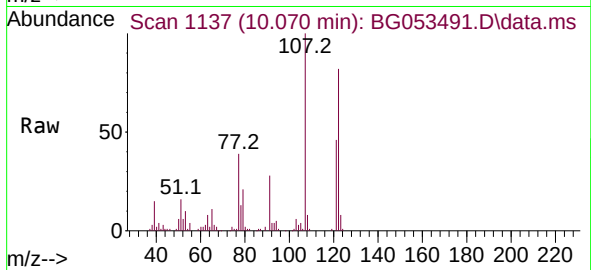




#27
2,4-Dimethylphenol
Concen: 58.659 ng
RT: 10.070 min Scan# 1138
Delta R.T. -0.003 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

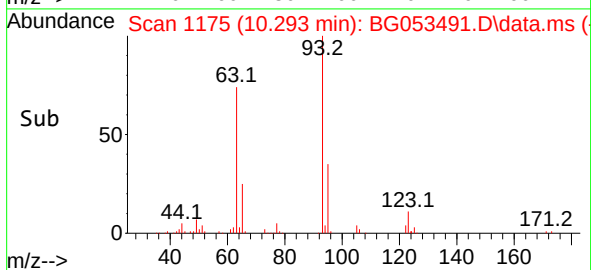
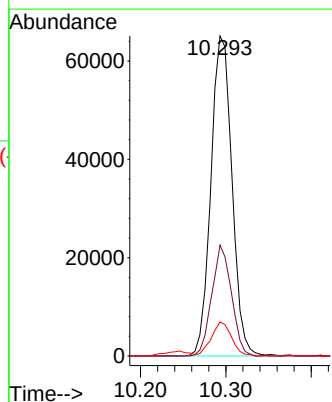
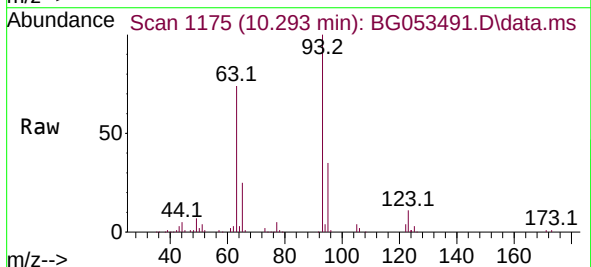
Instrument :
BNA_G
ClientSampleId :
PB144642BS

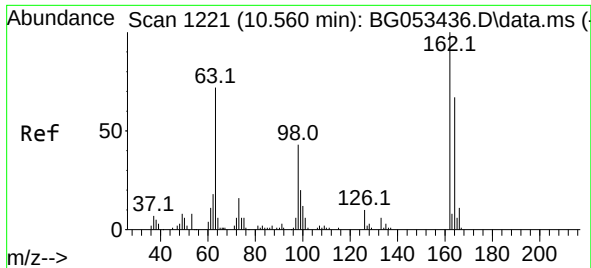
Tgt Ion:122 Resp: 85216
Ion Ratio Lower Upper
122 100
107 122.0 109.4 164.0
121 55.7 48.7 73.1



#28
bis(2-Chloroethoxy)methane
Concen: 46.839 ng
RT: 10.293 min Scan# 1175
Delta R.T. -0.008 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

Tgt Ion: 93 Resp: 111641
Ion Ratio Lower Upper
93 100
95 34.6 26.9 40.3
123 10.7 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 52.135 ng

RT: 10.552 min Scan# 1219

Delta R.T. -0.008 min

Lab File: BG053491.D

Acq: 9 May 2022 13:45

Instrument :

BNA_G

ClientSampleId :

PB144642BS

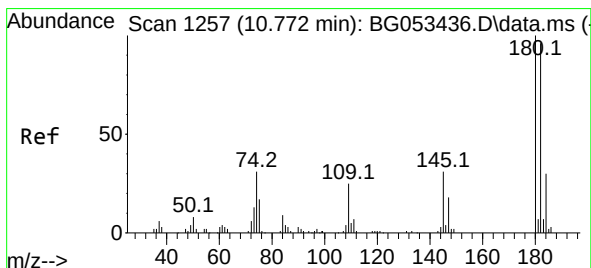
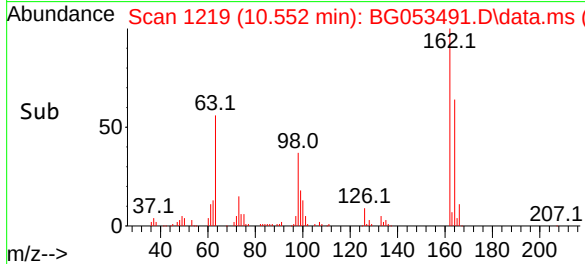
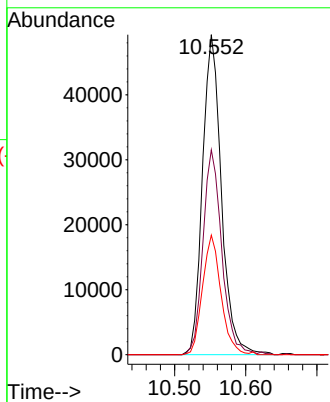
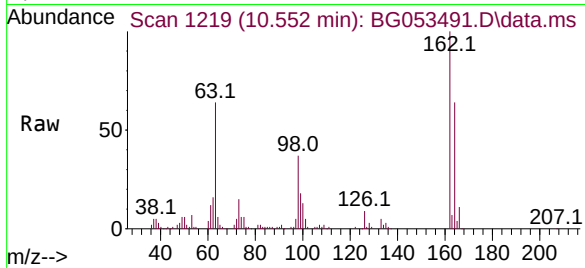
Tgt Ion:162 Resp: 91409

Ion Ratio Lower Upper

162 100

164 64.0 46.6 86.6

98 37.4 22.8 62.8



#30

1,2,4-Trichlorobenzene

Concen: 46.028 ng

RT: 10.763 min Scan# 1255

Delta R.T. -0.008 min

Lab File: BG053491.D

Acq: 9 May 2022 13:45

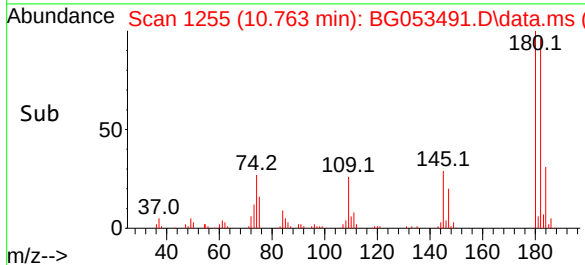
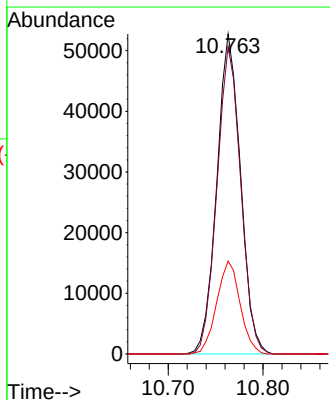
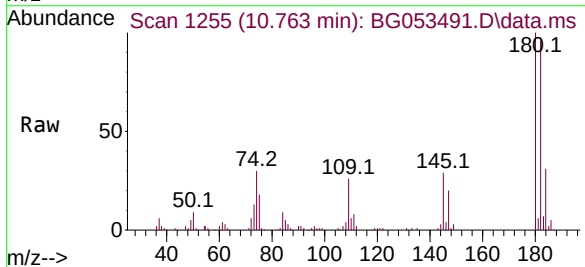
Tgt Ion:180 Resp: 91692

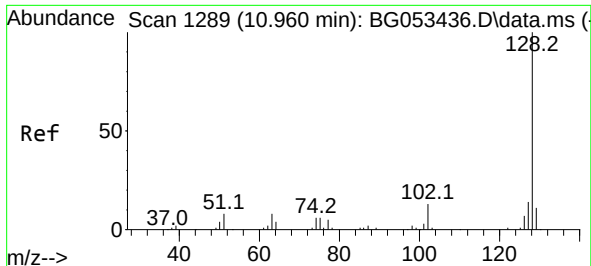
Ion Ratio Lower Upper

180 100

182 96.1 76.6 115.0

145 29.0 25.0 37.4

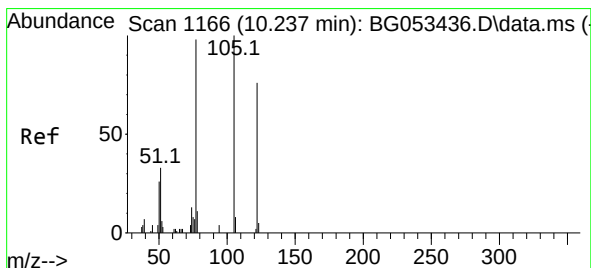
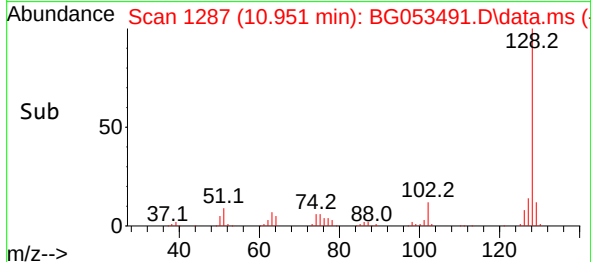
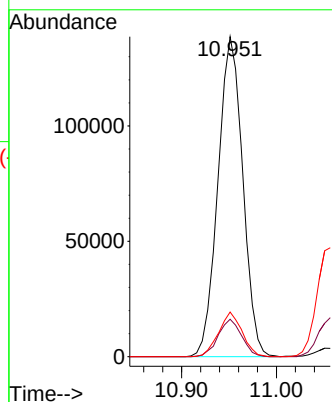
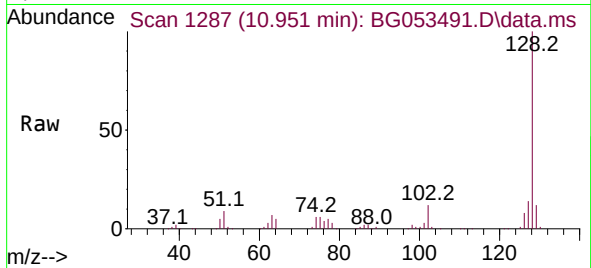




#31
Naphthalene
Concen: 47.295 ng
RT: 10.951 min Scan# 1167
Delta R.T. -0.009 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

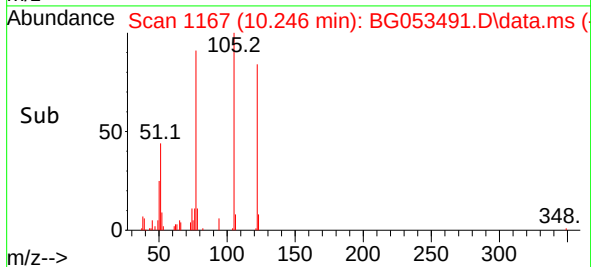
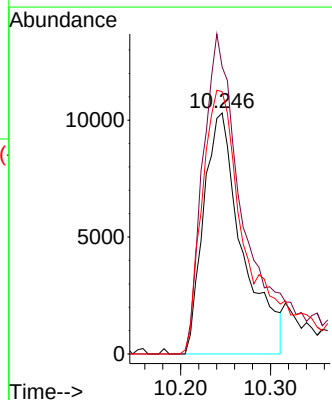
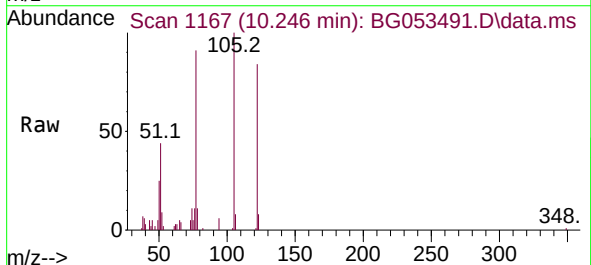
Instrument :
BNA_G
ClientSampleId :
PB144642BS

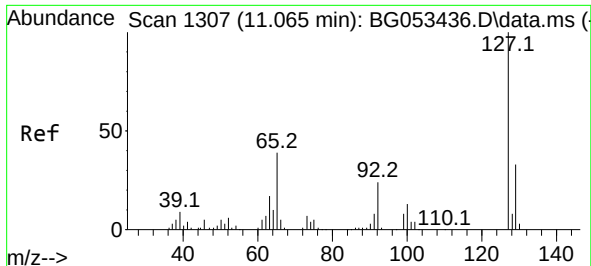
Tgt Ion:128 Resp: 252181
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 14.0 11.1 16.7



#32
Benzoic acid
Concen: 36.310 ng
RT: 10.246 min Scan# 1167
Delta R.T. 0.009 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

Tgt Ion:122 Resp: 30693
Ion Ratio Lower Upper
122 100
105 119.2 111.8 151.8
77 108.8 109.4 149.4#

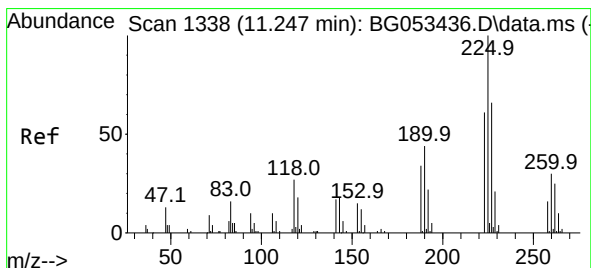
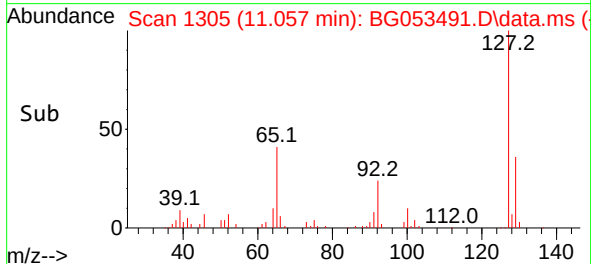
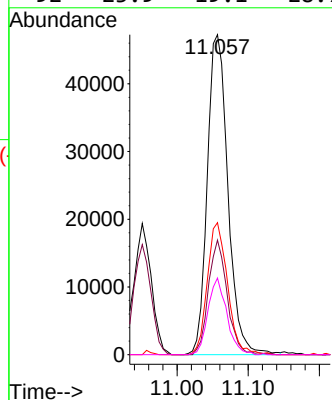
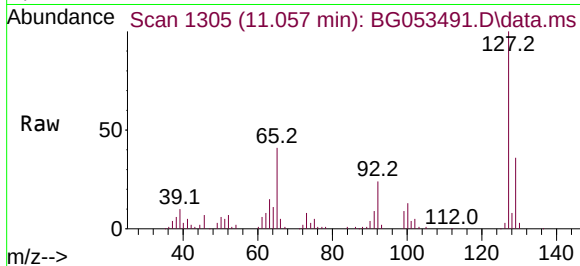




#33
4-Chloroaniline
Concen: 42.713 ng
RT: 11.057 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

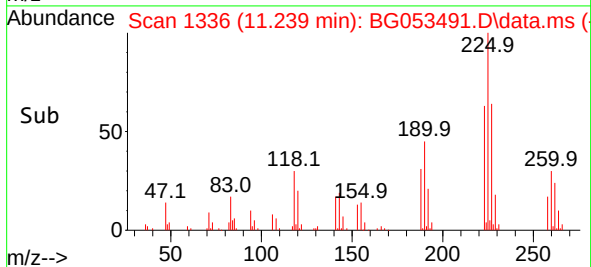
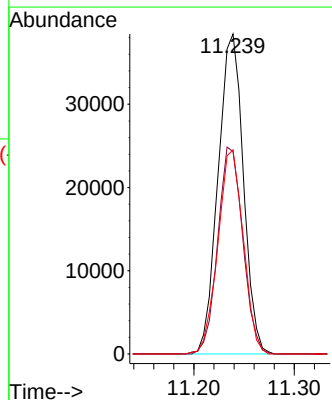
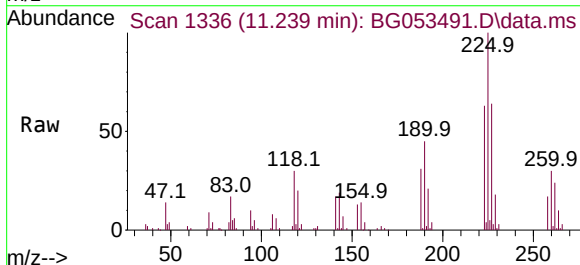
Instrument :
BNA_G
ClientSampleId :
PB144642BS

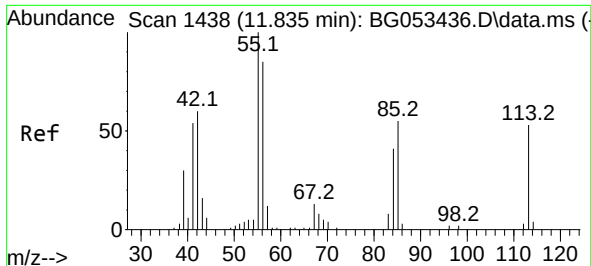
Tgt Ion:127	Resp:	95381
Ion Ratio	Lower	Upper
127	100	
129	35.8	26.3 39.5
65	41.3	31.1 46.7
92	23.9	19.1 28.7



#34
Hexachlorobutadiene
Concen: 45.456 ng
RT: 11.239 min Scan# 1336
Delta R.T. -0.008 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

Tgt Ion:225	Resp:	67147
Ion Ratio	Lower	Upper
225	100	
223	63.3	48.9 73.3
227	63.8	52.8 79.2

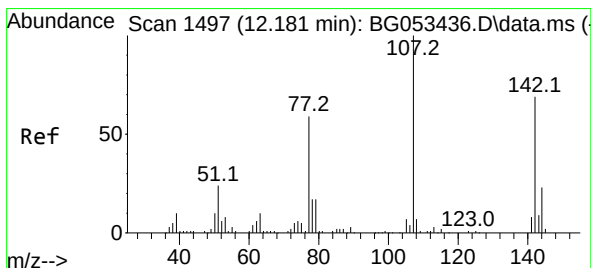
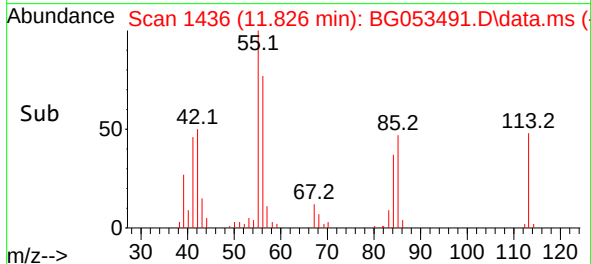
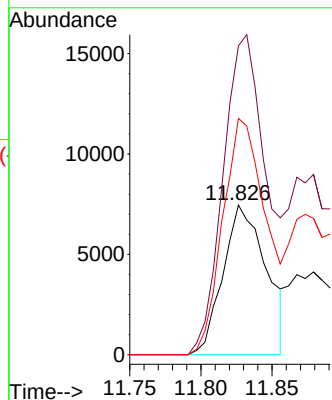
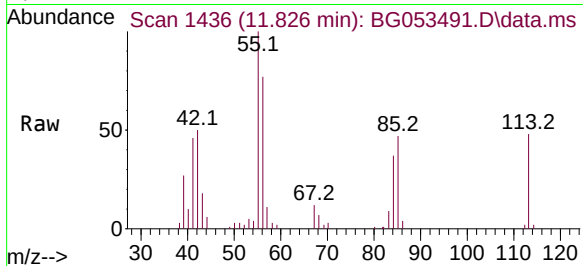




#35
Caprolactam
Concen: 24.630 ng
RT: 11.826 min Scan# 1436
Delta R.T. -0.008 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

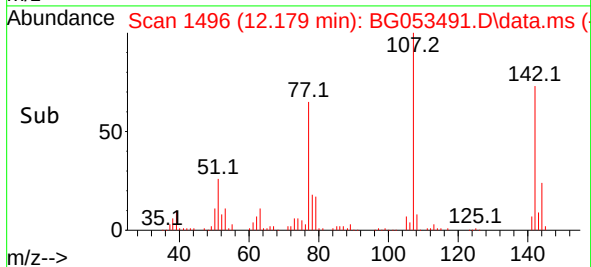
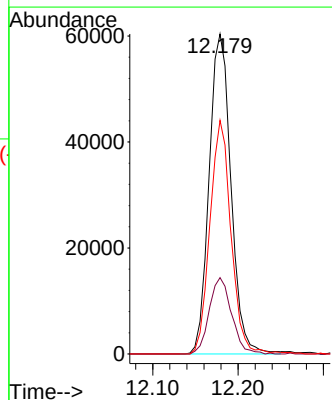
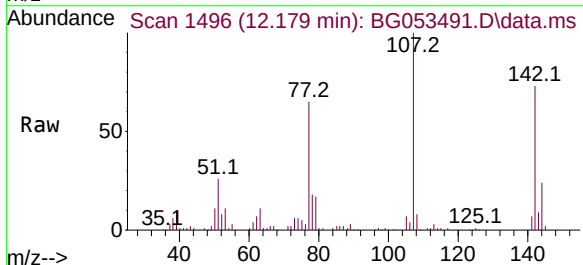
Instrument :
BNA_G
ClientSampleId :
PB144642BS

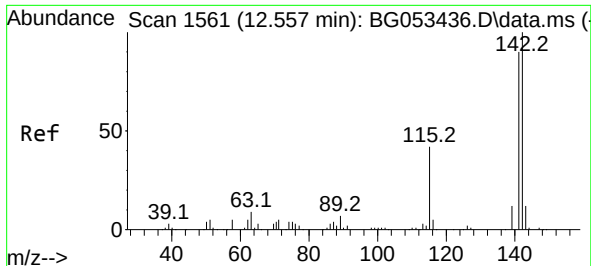
Tgt Ion:113 Resp: 15693
Ion Ratio Lower Upper
113 100
55 206.4 169.8 209.8
56 157.9 141.2 181.2



#36
4-Chloro-3-methylphenol
Concen: 51.155 ng
RT: 12.179 min Scan# 1496
Delta R.T. -0.003 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

Tgt Ion:107 Resp: 107285
Ion Ratio Lower Upper
107 100
144 23.9 18.5 27.7
142 73.0 55.0 82.4

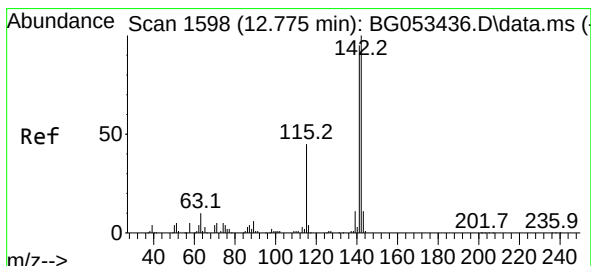
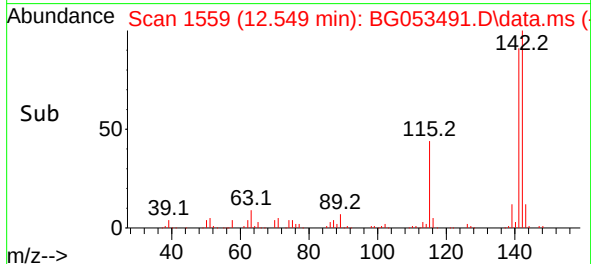
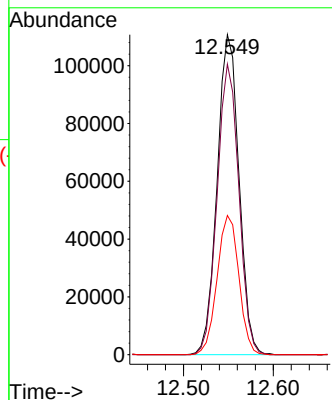
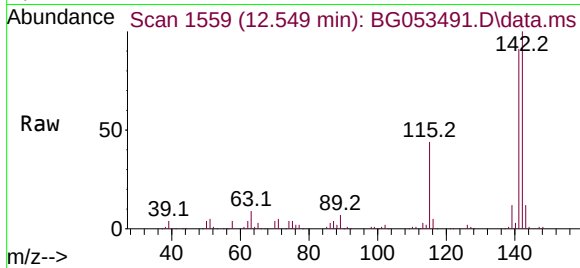




#37
2-Methylnaphthalene
Concen: 47.028 ng
RT: 12.549 min Scan# 1559
Delta R.T. -0.008 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

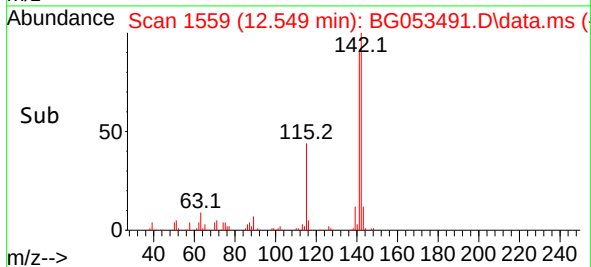
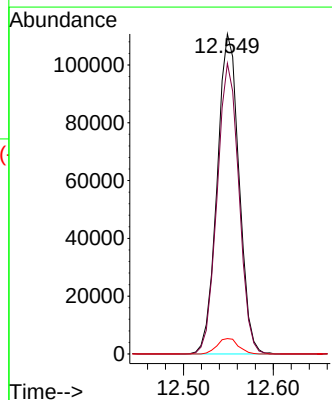
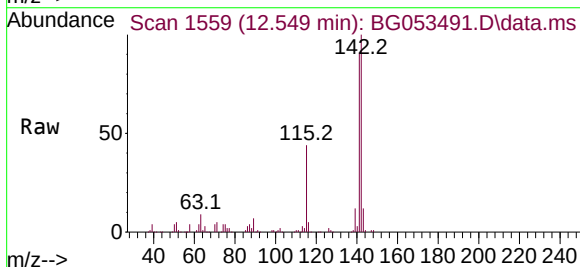
Instrument :
BNA_G
ClientSampleId :
PB144642BS

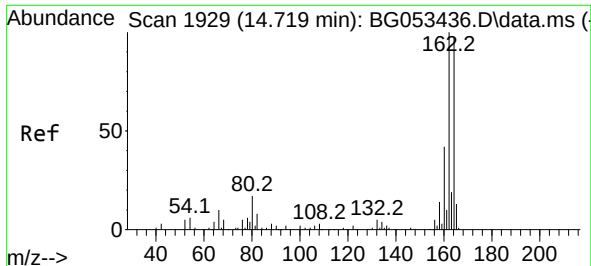
Tgt Ion:142 Resp: 187135
Ion Ratio Lower Upper
142 100
141 90.8 72.3 108.5
115 43.5 33.7 50.5



#38
1-Methylnaphthalene
Concen: 48.201 ng
RT: 12.549 min Scan# 1559
Delta R.T. -0.226 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

Tgt Ion:142 Resp: 187135
Ion Ratio Lower Upper
142 100
141 90.8 76.4 114.6
116 4.8 3.3 4.9

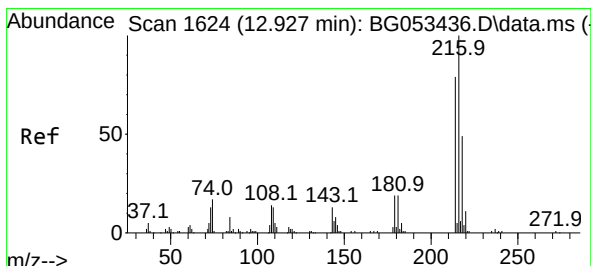
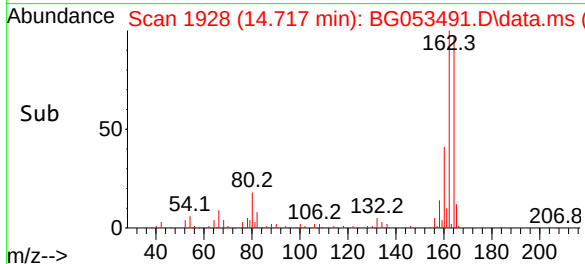
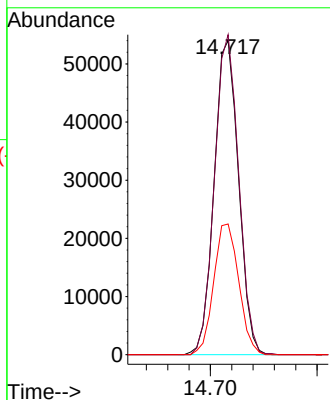
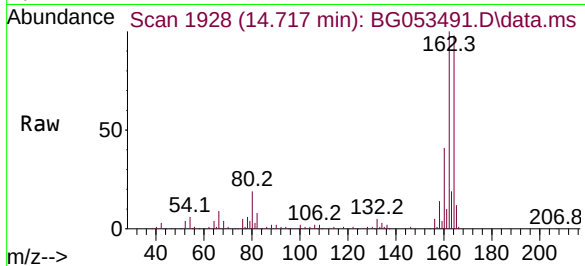




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.717 min Scan# 1929
Delta R.T. -0.002 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

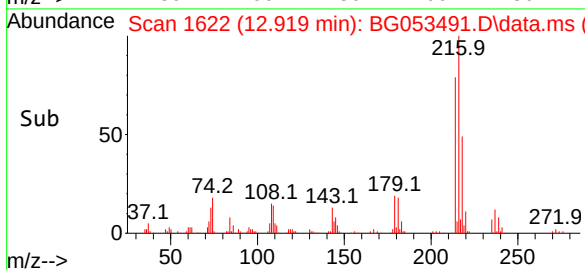
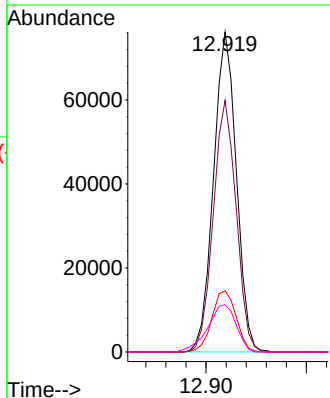
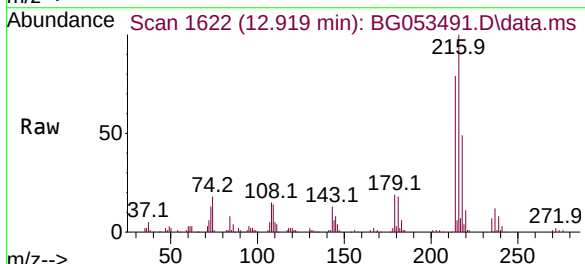
Instrument :
BNA_G
ClientSampleId :
PB144642BS

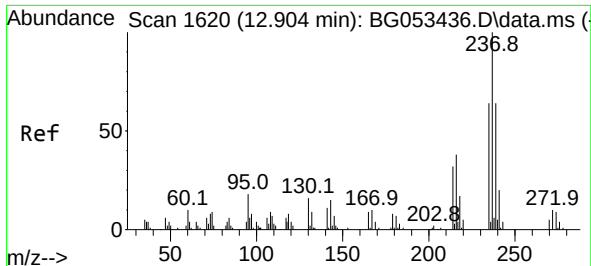
Tgt Ion:164 Resp: 85538
Ion Ratio Lower Upper
164 100
162 101.9 82.3 123.5
160 41.6 34.2 51.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.620 ng
RT: 12.919 min Scan# 1622
Delta R.T. -0.008 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

Tgt Ion:216 Resp: 120308
Ion Ratio Lower Upper
216 100
214 78.6 62.9 94.3
179 20.3 16.1 24.1
108 18.4 12.2 18.2#

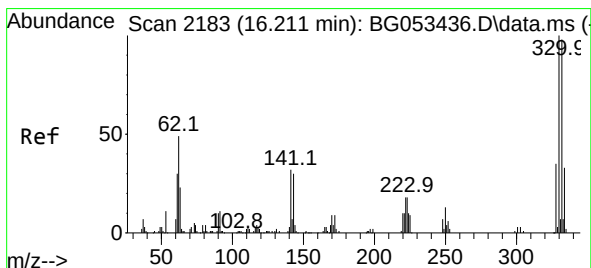
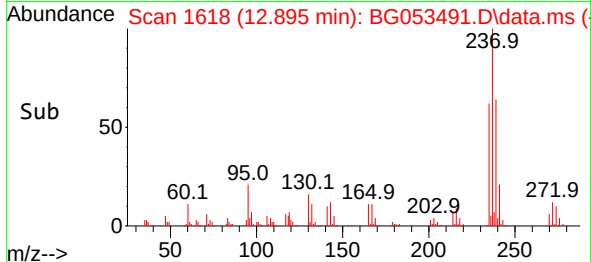
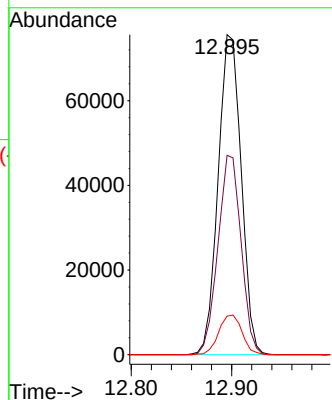
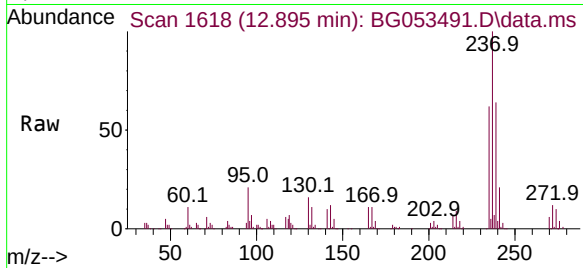




#41
Hexachlorocyclopentadiene
Concen: 106.658 ng
RT: 12.895 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

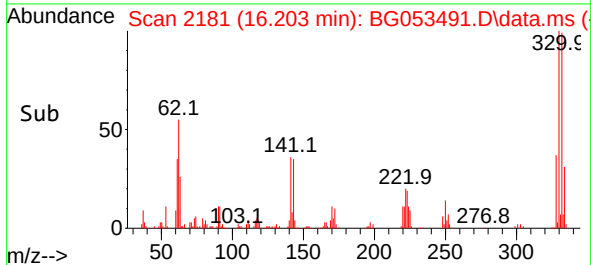
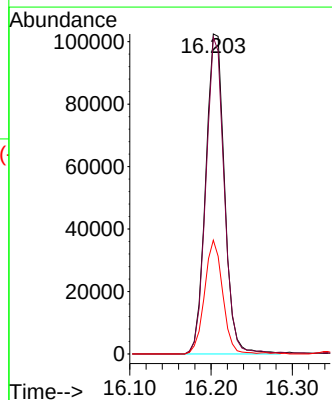
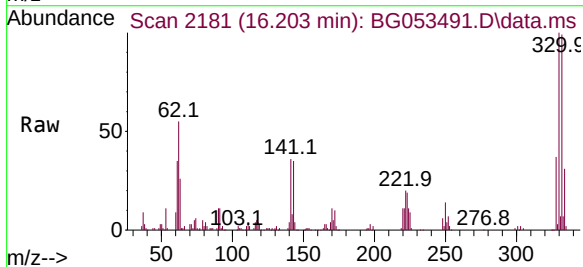
Instrument :
BNA_G
ClientSampleId :
PB144642BS

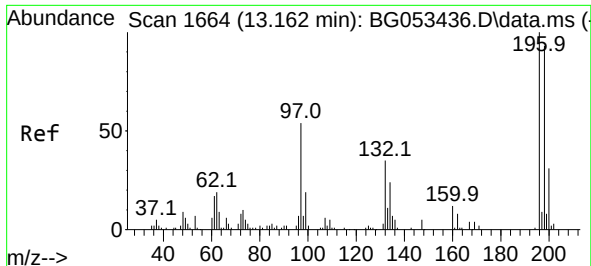
Tgt Ion:237 Resp: 120773
Ion Ratio Lower Upper
237 100
235 62.3 43.5 83.5
272 12.0 0.0 30.1



#42
2,4,6-Tribromophenol
Concen: 130.317 ng
RT: 16.203 min Scan# 2181
Delta R.T. -0.008 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

Tgt Ion:330 Resp: 164406
Ion Ratio Lower Upper
330 100
332 96.7 76.0 114.0
141 34.1 27.1 40.7

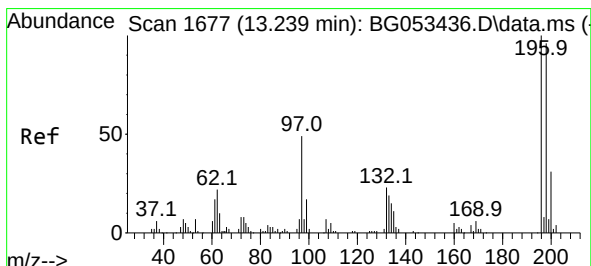
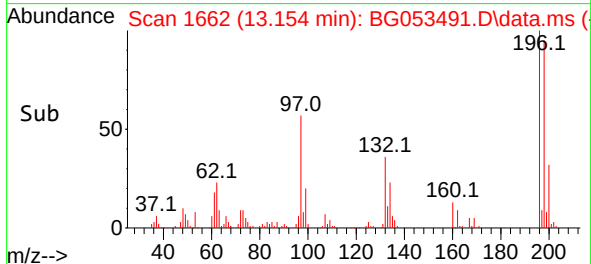
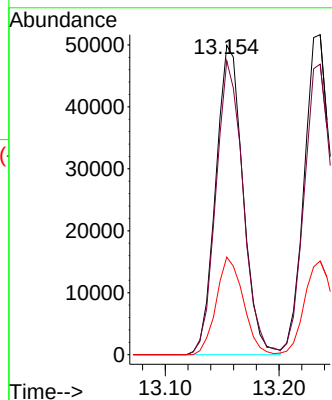
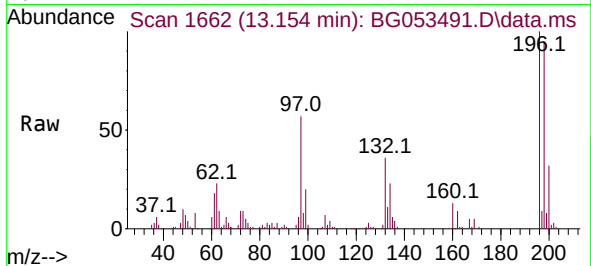




#43
2,4,6-Trichlorophenol
Concen: 47.266 ng
RT: 13.154 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

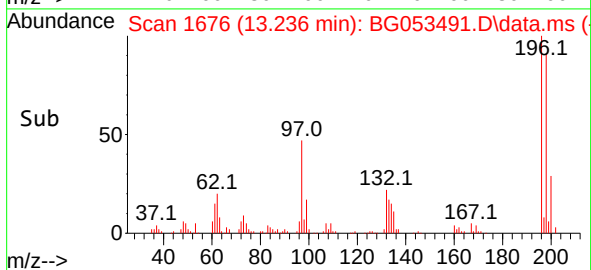
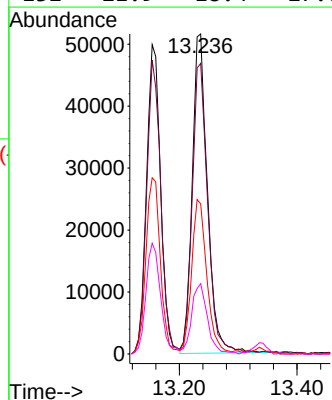
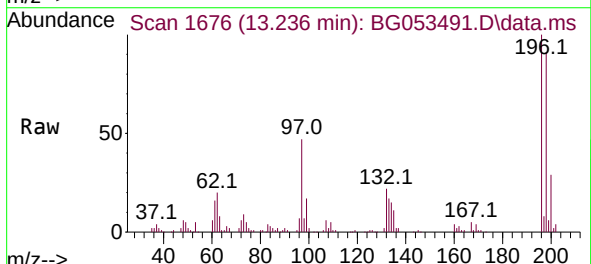
Instrument :
BNA_G
ClientSampleId :
PB144642BS

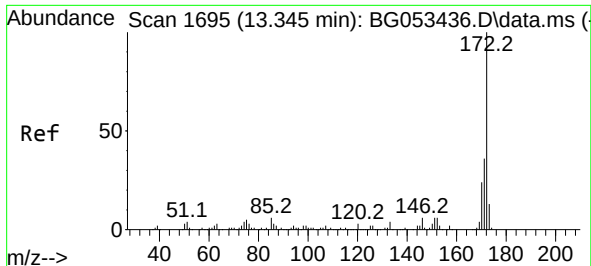
Tgt Ion:196 Resp: 83187
Ion Ratio Lower Upper
196 100
198 95.0 74.1 111.1
200 31.6 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 49.495 ng
RT: 13.236 min Scan# 1676
Delta R.T. -0.003 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

Tgt Ion:196 Resp: 92712
Ion Ratio Lower Upper
196 100
198 90.8 76.8 115.2
97 46.9 39.8 59.6
132 21.9 18.4 27.6

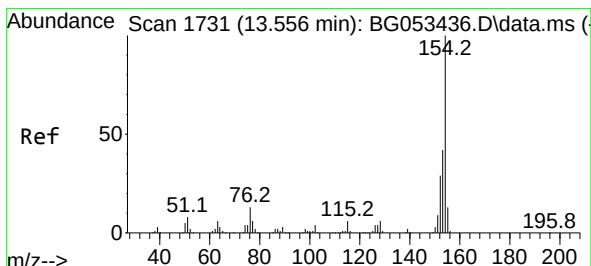
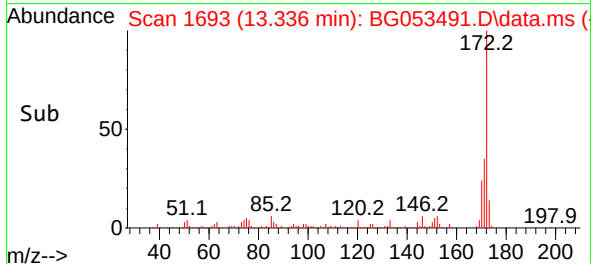
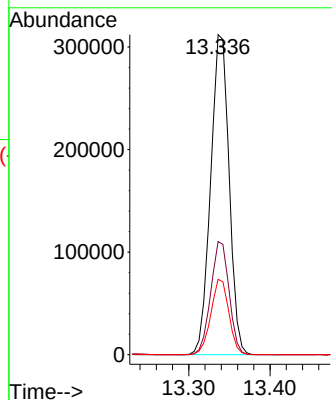
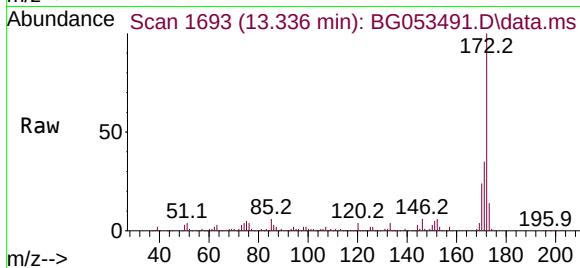




#45
2-Fluorobiphenyl
Concen: 84.077 ng
RT: 13.336 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

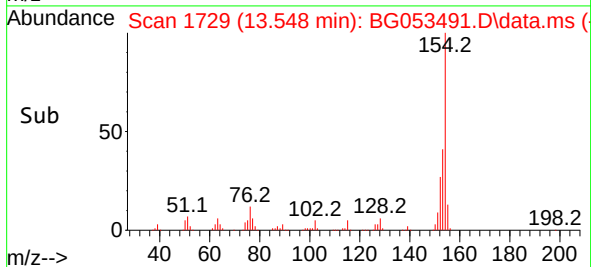
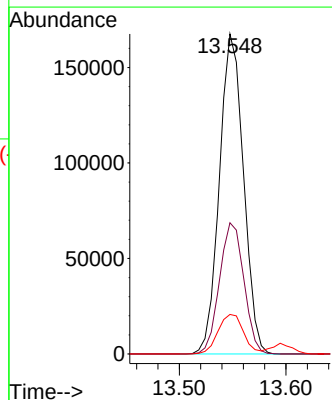
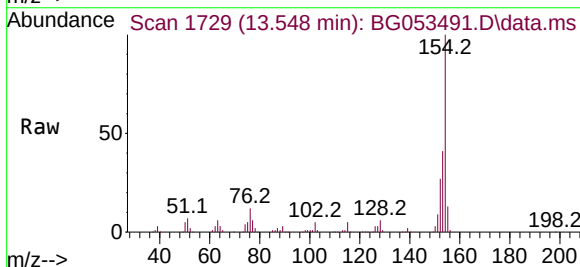
Instrument :
BNA_G
ClientSampleId :
PB144642BS

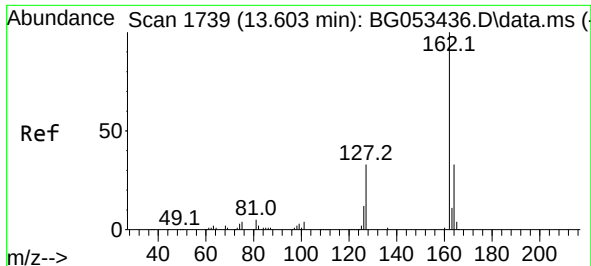
Tgt Ion:172 Resp: 492155
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.5 18.9 28.3



#46
1,1'-Biphenyl
Concen: 44.984 ng
RT: 13.548 min Scan# 1729
Delta R.T. -0.008 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

Tgt Ion:154 Resp: 262285
Ion Ratio Lower Upper
154 100
153 41.0 21.6 61.6
76 12.4 0.0 32.6





#47

2-Chloronaphthalene

Concen: 45.164 ng

RT: 13.595 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG053491.D

Acq: 9 May 2022 13:45

Instrument :

BNA_G

ClientSampleId :

PB144642BS

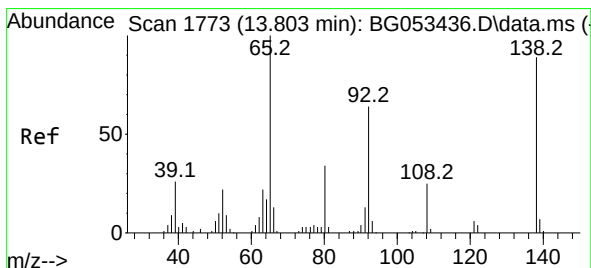
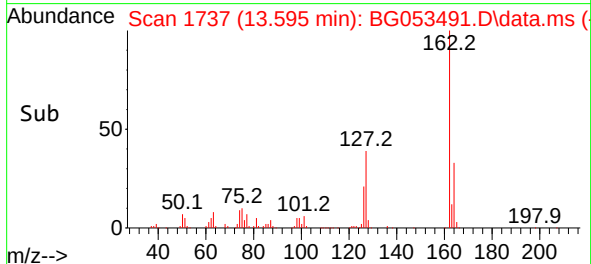
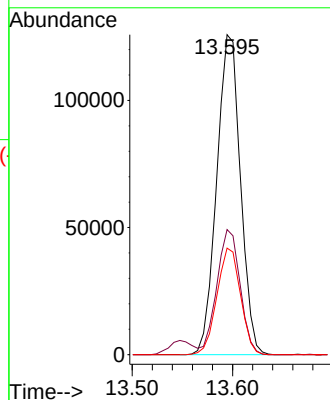
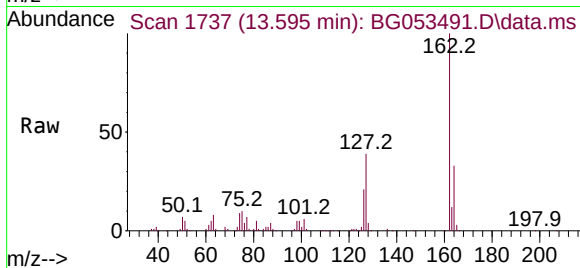
Tgt Ion:162 Resp: 206316

Ion Ratio Lower Upper

162 100

127 39.1 30.6 45.8

164 33.3 26.5 39.7



#48

2-Nitroaniline

Concen: 50.643 ng

RT: 13.794 min Scan# 1771

Delta R.T. -0.008 min

Lab File: BG053491.D

Acq: 9 May 2022 13:45

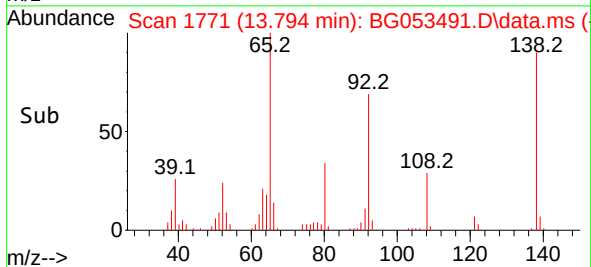
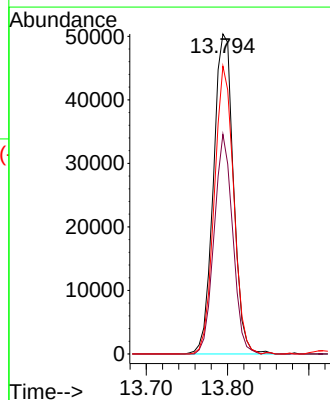
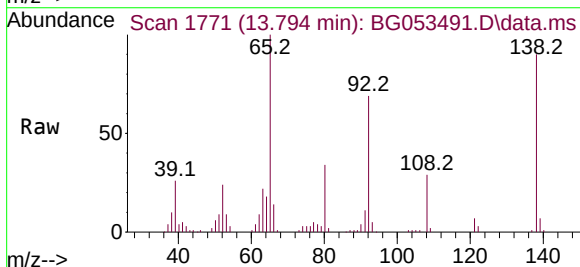
Tgt Ion: 65 Resp: 86203

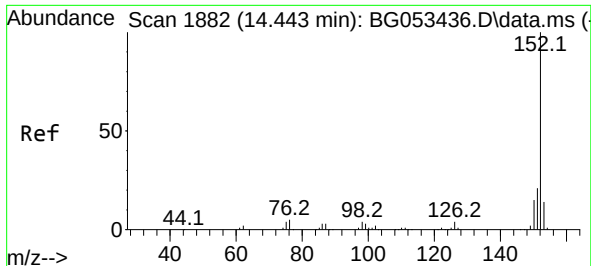
Ion Ratio Lower Upper

65 100

92 68.6 51.5 77.3

138 89.9 71.3 106.9

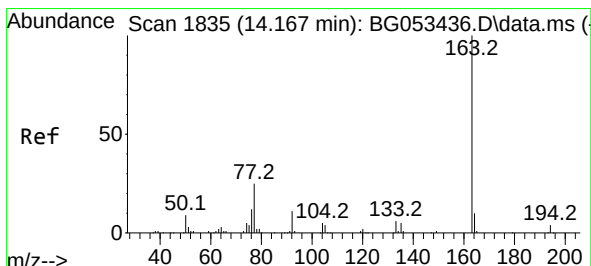
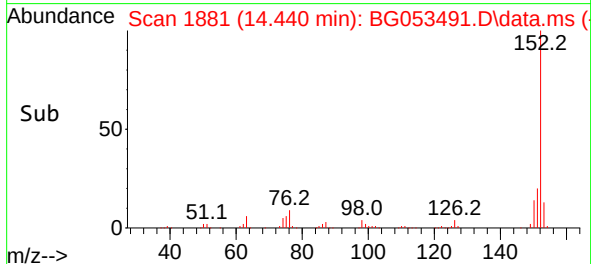
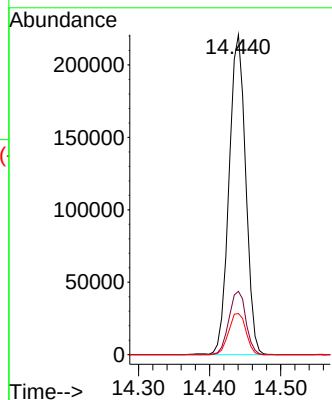
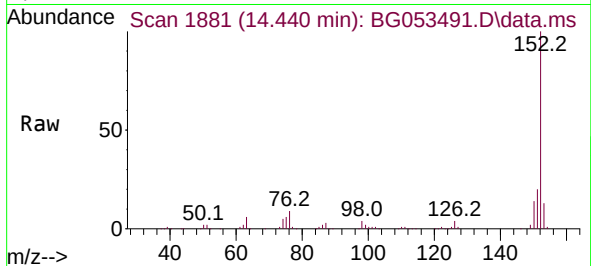




#49
Acenaphthylene
Concen: 49.122 ng
RT: 14.440 min Scan# 1882
Delta R.T. -0.003 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

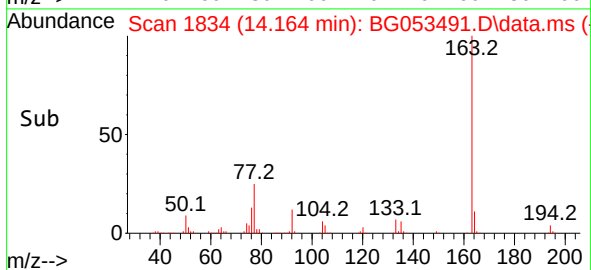
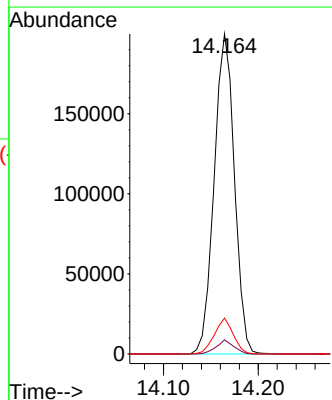
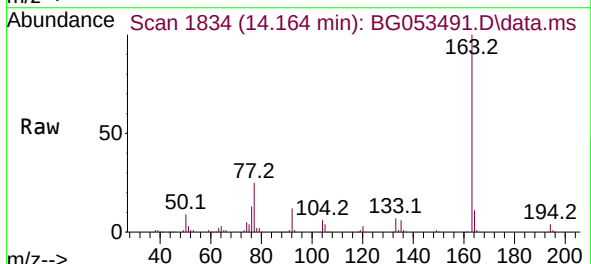
Instrument :
BNA_G
ClientSampleId :
PB144642BS

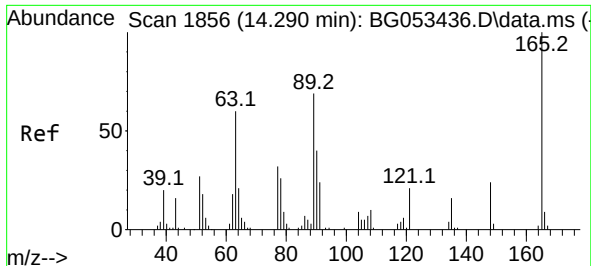
Tgt Ion:152 Resp: 358075
Ion Ratio Lower Upper
152 100
151 19.8 16.4 24.6
153 12.8 10.8 16.2



#50
Dimethylphthalate
Concen: 45.692 ng
RT: 14.164 min Scan# 1834
Delta R.T. -0.003 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

Tgt Ion:163 Resp: 297003
Ion Ratio Lower Upper
163 100
194 4.4 3.0 4.6
164 11.2 8.0 12.0

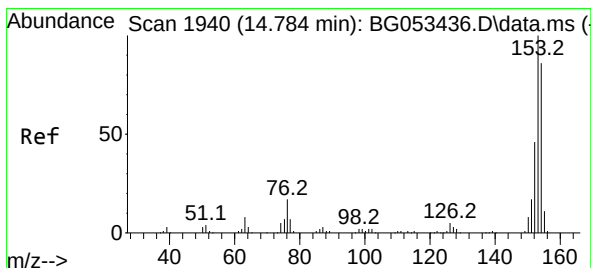
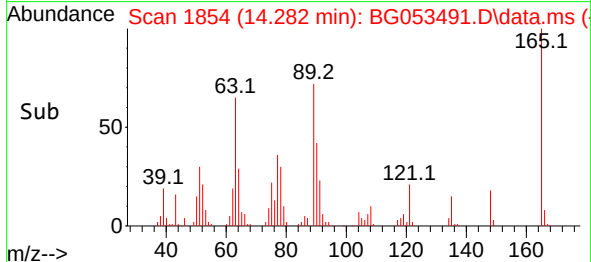
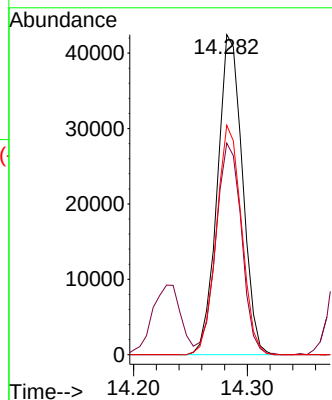
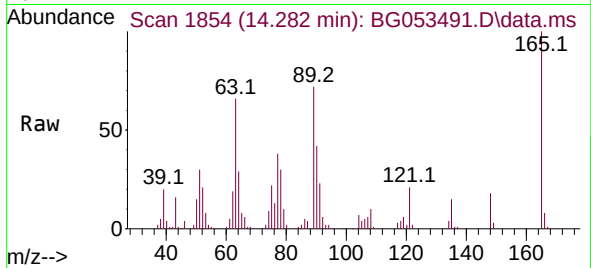




#51
2,6-Dinitrotoluene
Concen: 49.077 ng
RT: 14.282 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

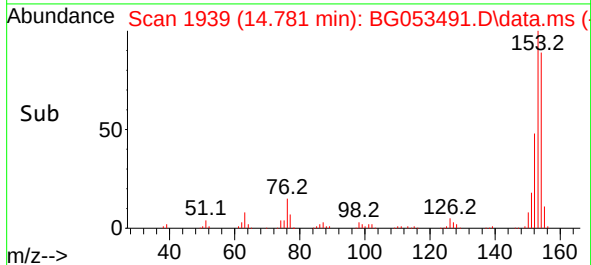
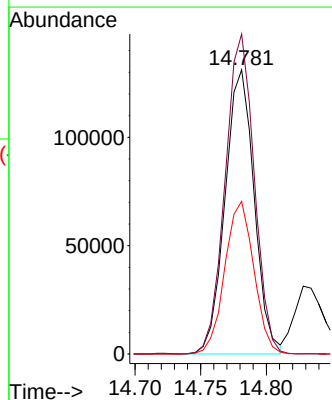
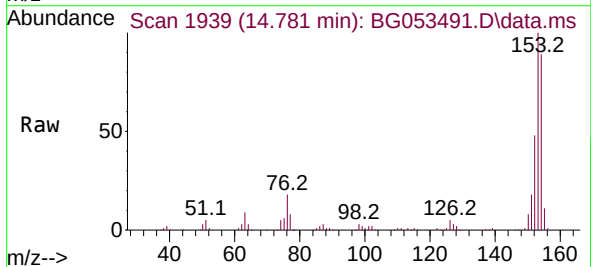
Instrument :
BNA_G
ClientSampleId :
PB144642BS

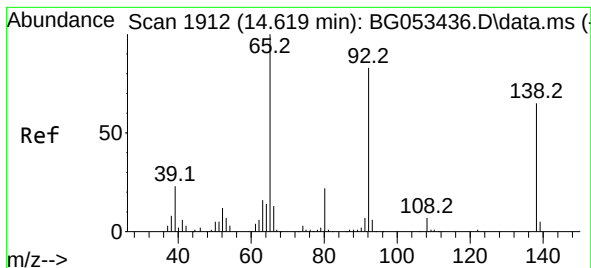
Tgt Ion:165 Resp: 64991
Ion Ratio Lower Upper
165 100
63 66.1 54.1 81.1
89 71.7 54.8 82.2



#52
Acenaphthene
Concen: 46.636 ng
RT: 14.781 min Scan# 1939
Delta R.T. -0.003 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

Tgt Ion:154 Resp: 202597
Ion Ratio Lower Upper
154 100
153 112.6 92.7 139.1
152 53.7 42.6 64.0

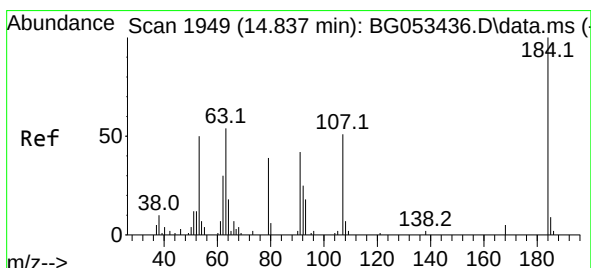
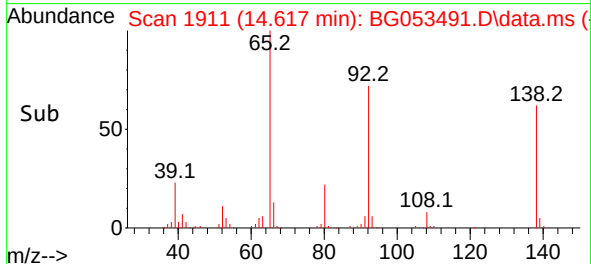
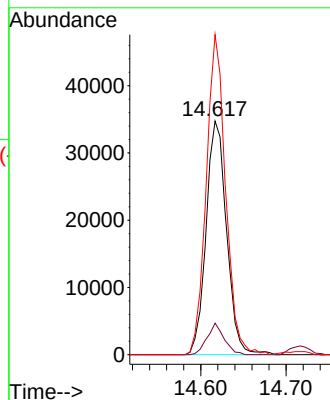
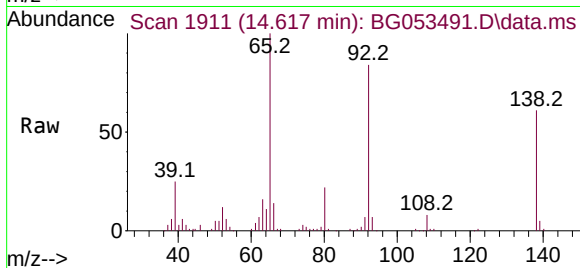




#53
3-Nitroaniline
Concen: 40.504 ng
RT: 14.617 min Scan# 1912
Delta R.T. -0.002 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

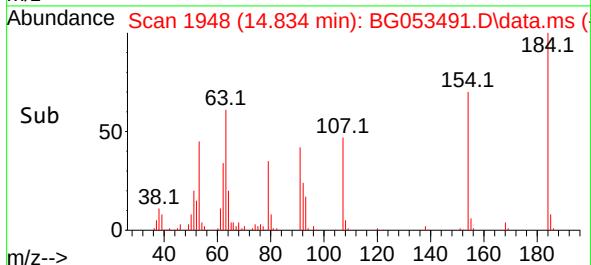
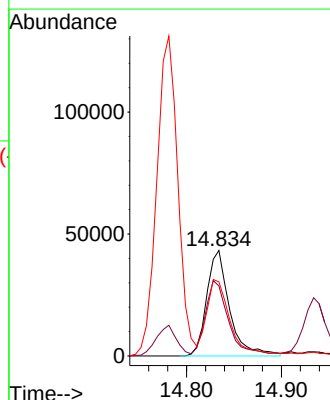
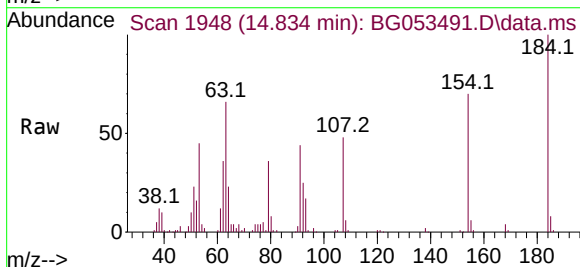
Instrument :
BNA_G
ClientSampleId :
PB144642BS

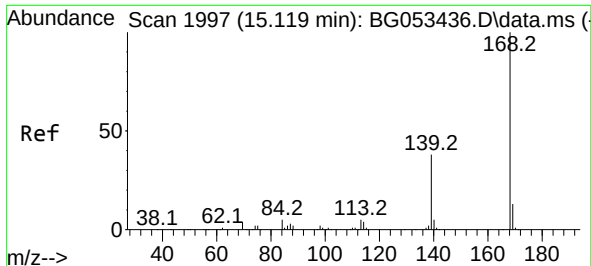
Tgt Ion:138 Resp: 57956
Ion Ratio Lower Upper
138 100
108 13.5 9.2 13.8
92 137.0 101.9 152.9



#54
2,4-Dinitrophenol
Concen: 85.700 ng
RT: 14.834 min Scan# 1948
Delta R.T. -0.003 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

Tgt Ion:184 Resp: 72446
Ion Ratio Lower Upper
184 100
63 66.4 61.1 91.7
154 70.3 60.6 91.0

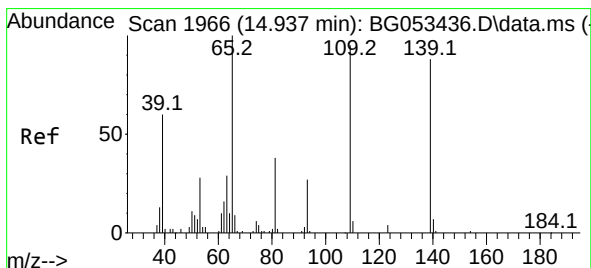
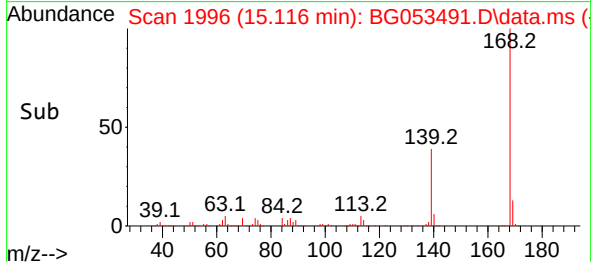
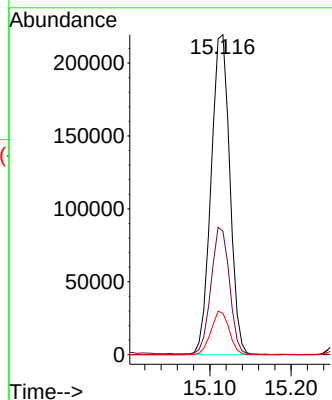
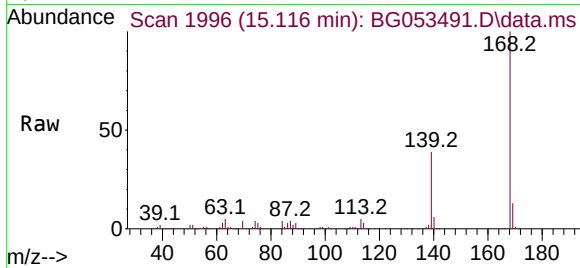




#55
Dibenzofuran
Concen: 44.922 ng
RT: 15.116 min Scan# 1997
Delta R.T. -0.003 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

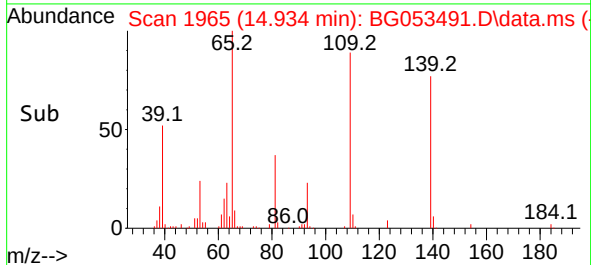
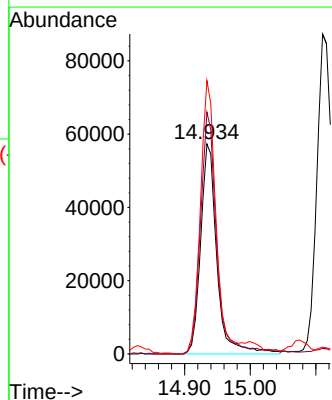
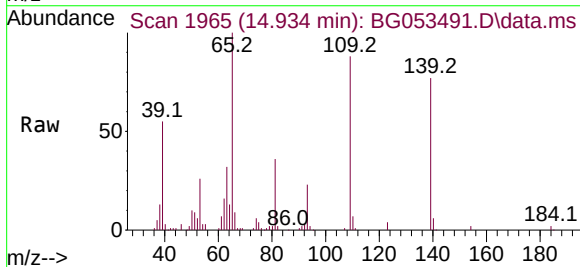
Instrument :
BNA_G
ClientSampleId :
PB144642BS

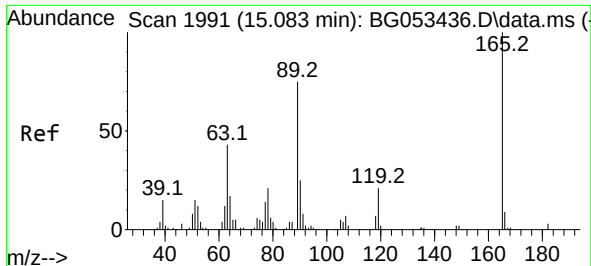
Tgt Ion:168 Resp: 350530
Ion Ratio Lower Upper
168 100
139 38.6 30.5 45.7
169 12.9 10.3 15.5



#56
4-Nitrophenol
Concen: 96.910 ng
RT: 14.934 min Scan# 1965
Delta R.T. -0.003 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

Tgt Ion:139 Resp: 99042
Ion Ratio Lower Upper
139 100
109 115.1 88.5 128.5
65 130.2 93.9 133.9





#57

2,4-Dinitrotoluene

Concen: 49.815 ng

RT: 15.075 min Scan# 1991

Delta R.T. -0.008 min

Lab File: BG053491.D

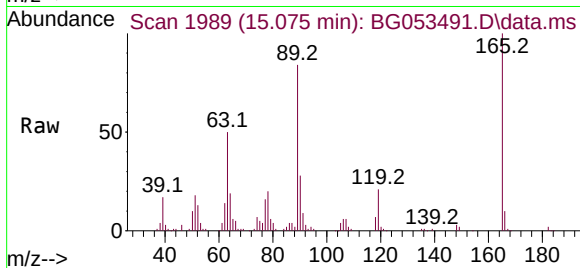
Acq: 9 May 2022 13:45

Instrument :

BNA_G

ClientSampleId :

PB144642BS



Tgt Ion:165 Resp: 95622

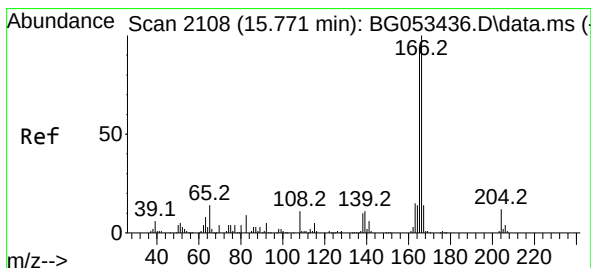
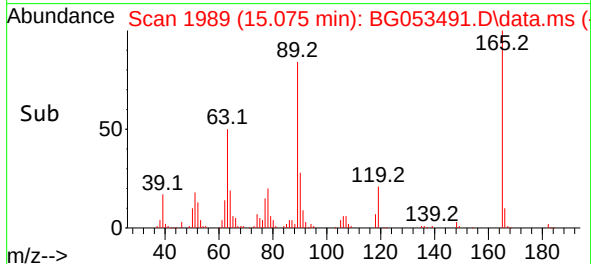
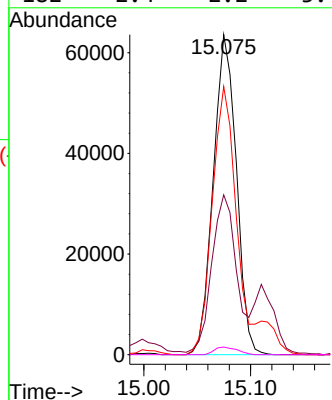
Ion Ratio Lower Upper

165 100

63 50.0 34.6 52.0

89 83.8 60.3 90.5

182 2.4 2.2 3.4



#58

Fluorene

Concen: 45.881 ng

RT: 15.762 min Scan# 2106

Delta R.T. -0.008 min

Lab File: BG053491.D

Acq: 9 May 2022 13:45

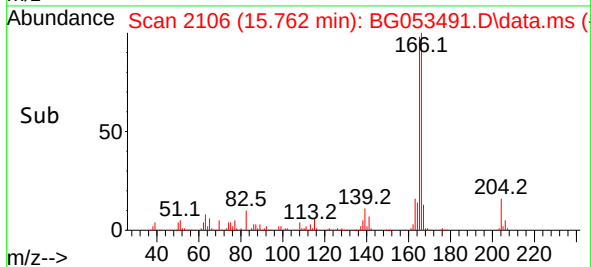
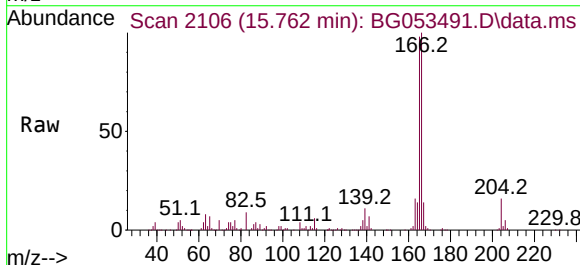
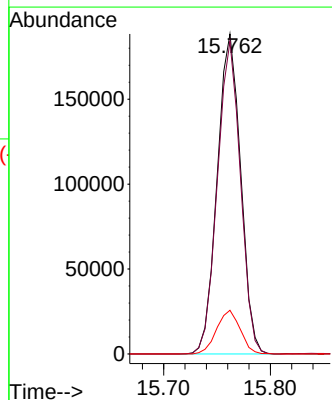
Tgt Ion:166 Resp: 287298

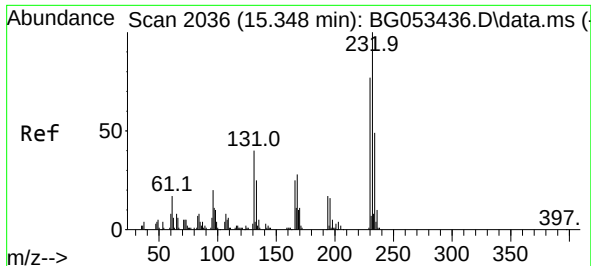
Ion Ratio Lower Upper

166 100

165 97.7 75.0 112.6

167 13.7 10.8 16.2

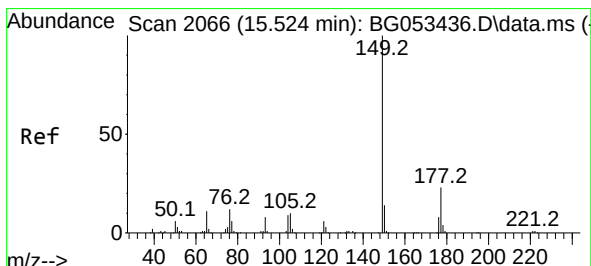
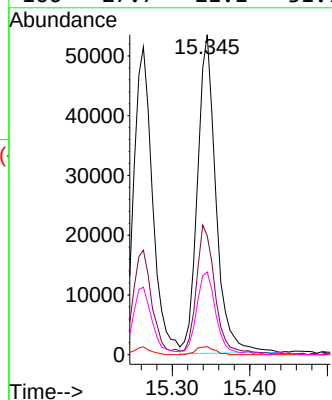
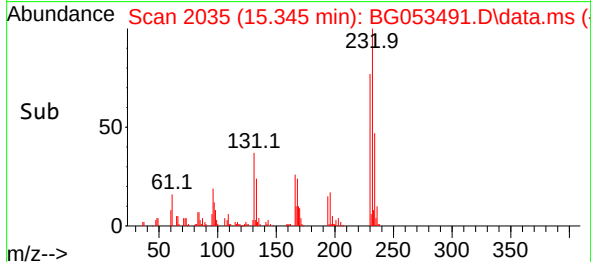
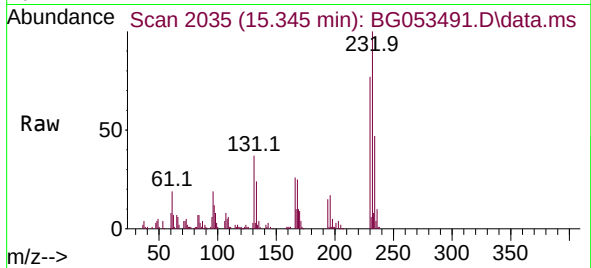




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.539 ng
RT: 15.345 min Scan# 2035
Delta R.T. -0.003 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

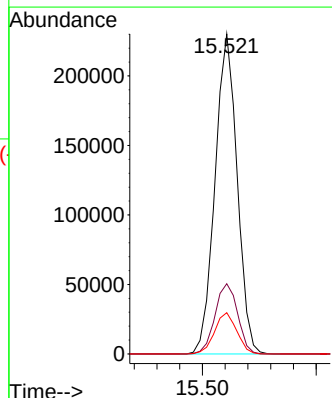
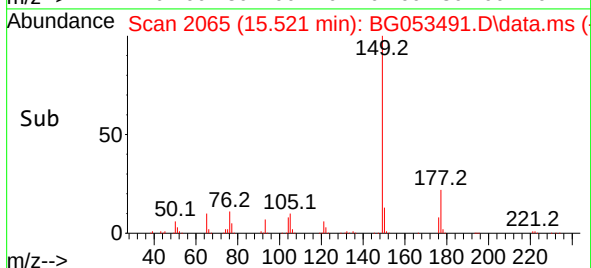
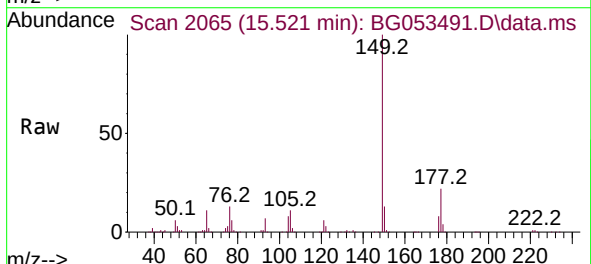
Instrument :
BNA_G
ClientSampleId :
PB144642BS

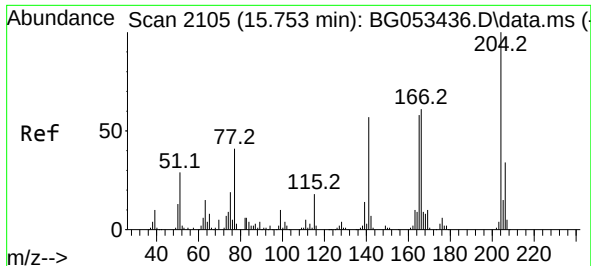
Tgt Ion:232	Resp:	88448
Ion Ratio	Lower	Upper
232	100	
131	42.1	30.6 46.0
130	2.5	1.8 2.8
166	27.7	21.1 31.7



#60
Diethylphthalate
Concen: 46.256 ng
RT: 15.521 min Scan# 2065
Delta R.T. -0.003 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

Tgt Ion:149	Resp:	310582
Ion Ratio	Lower	Upper
149	100	
177	22.0	18.4 27.6
150	12.9	11.2 16.8

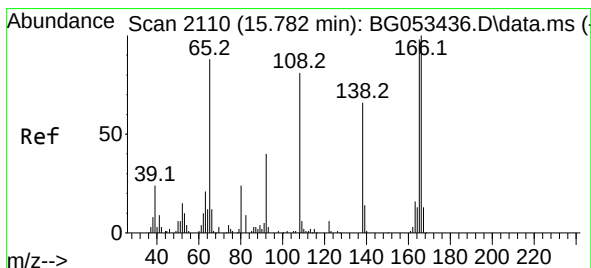
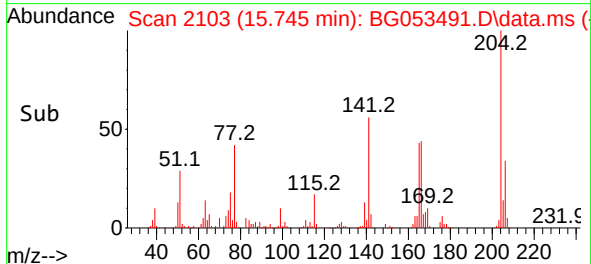
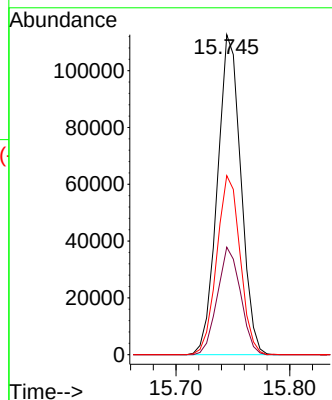
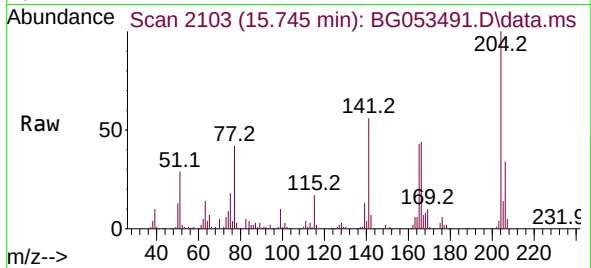




#61
4-Chlorophenyl-phenylether
Concen: 46.327 ng
RT: 15.745 min Scan# 2105
Delta R.T. -0.008 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

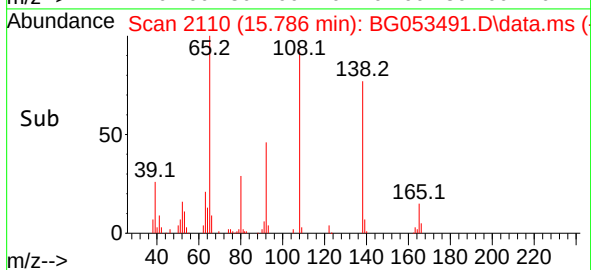
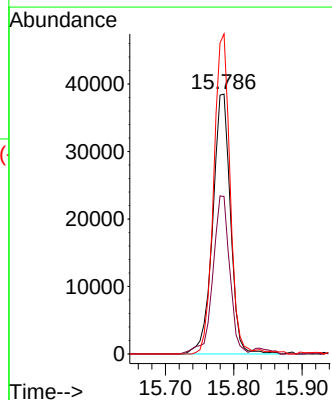
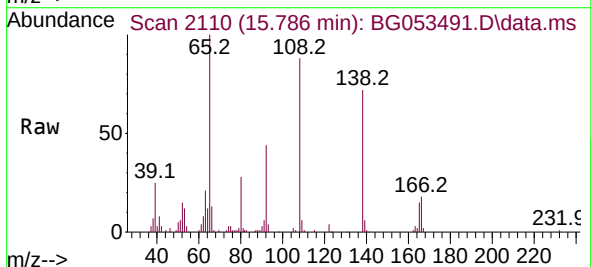
Instrument :
BNA_G
ClientSampleId :
PB144642BS

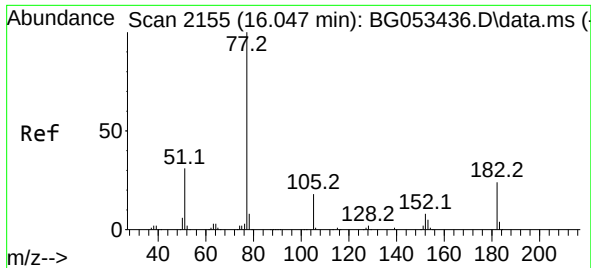
Tgt Ion:204 Resp: 161875
Ion Ratio Lower Upper
204 100
206 33.6 27.5 41.3
141 55.9 45.3 67.9



#62
4-Nitroaniline
Concen: 46.915 ng
RT: 15.786 min Scan# 2110
Delta R.T. 0.003 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

Tgt Ion:138 Resp: 69627
Ion Ratio Lower Upper
138 100
92 60.6 40.5 80.5
108 123.2 103.7 143.7

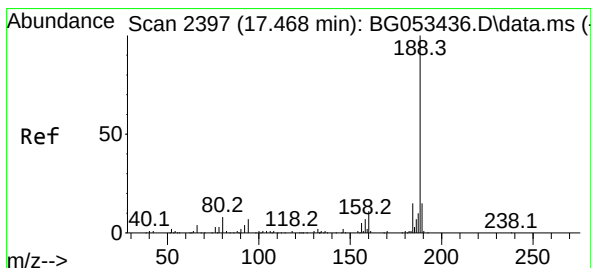
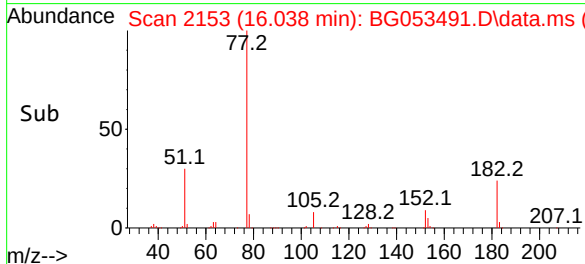
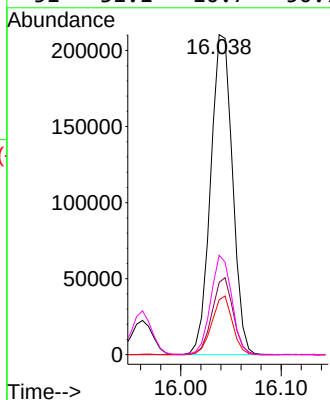
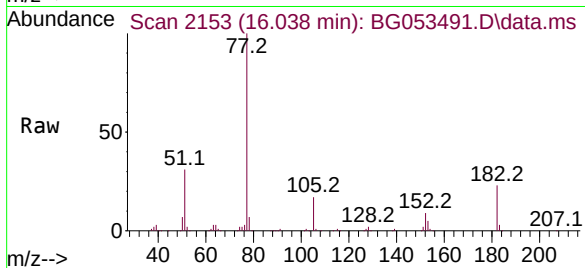




#63
Azobenzene
Concen: 46.310 ng
RT: 16.038 min Scan# 2153
Delta R.T. -0.009 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

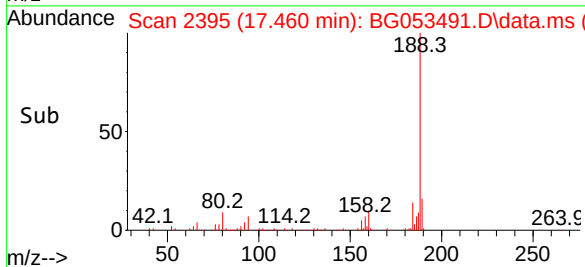
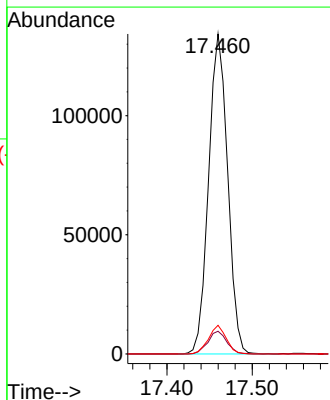
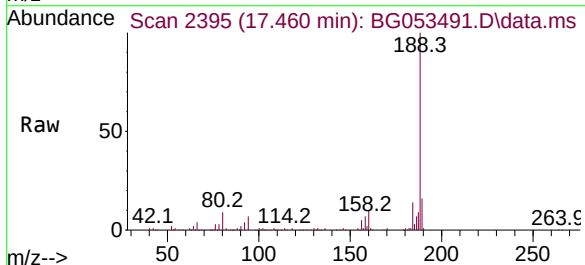
Instrument :
BNA_G
ClientSampleId :
PB144642BS

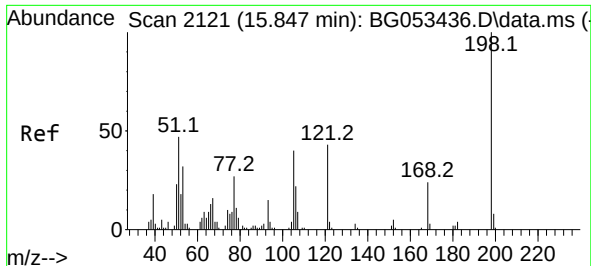
Tgt Ion:	77	Resp:	318410
Ion	Ratio	Lower	Upper
77	100		
182	22.6	3.8	43.8
105	17.2	0.0	37.8
51	31.1	10.7	50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.460 min Scan# 2395
Delta R.T. -0.009 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

Tgt Ion:	188	Resp:	208068
Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.4	8.0
80	9.0	6.8	10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 44.728 ng
RT: 15.844 min Scan# 2121
Delta R.T. -0.003 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

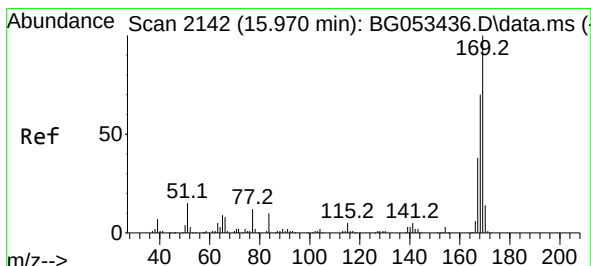
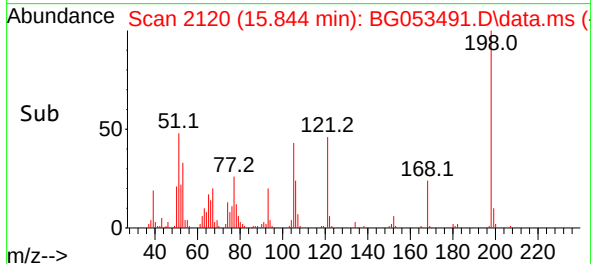
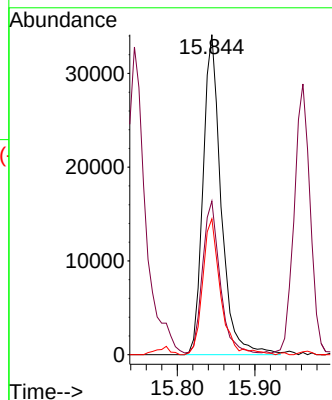
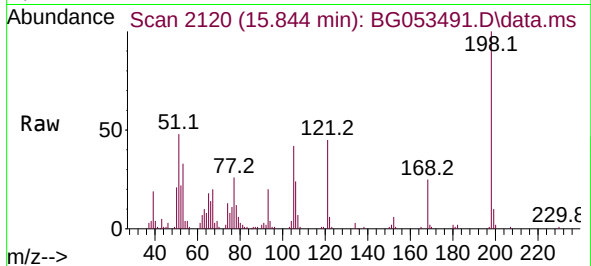
Instrument :

BNA_G

ClientSampleId :

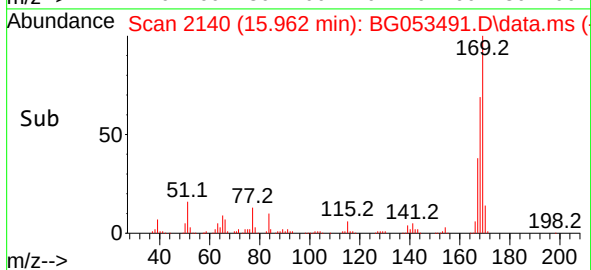
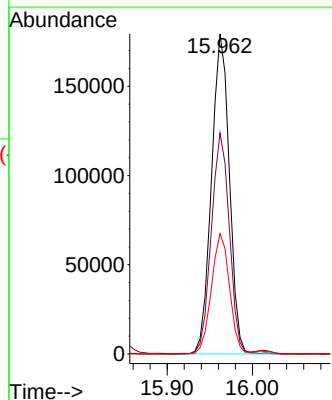
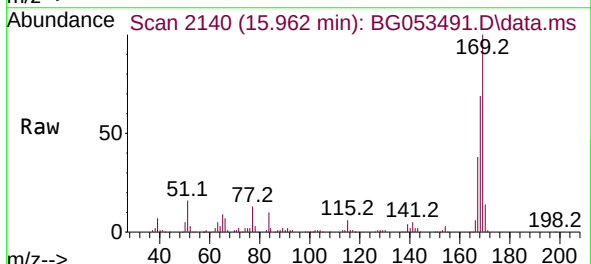
PB144642BS

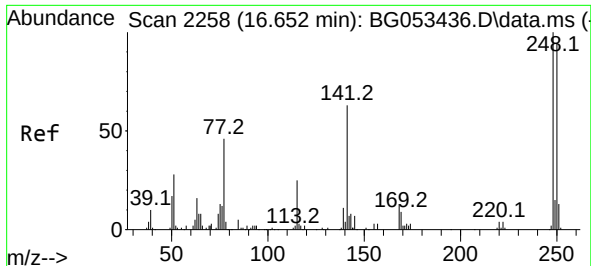
Tgt Ion:198 Resp: 55455
Ion Ratio Lower Upper
198 100
51 48.0 28.1 68.1
105 42.4 20.3 60.3



#66
n-Nitrosodiphenylamine
Concen: 47.761 ng
RT: 15.962 min Scan# 2140
Delta R.T. -0.008 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

Tgt Ion:169 Resp: 260915
Ion Ratio Lower Upper
169 100
168 69.0 55.9 83.9
167 37.6 30.6 46.0

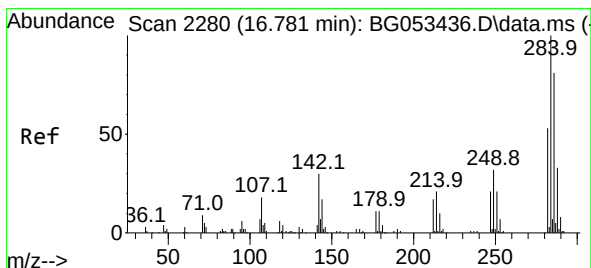
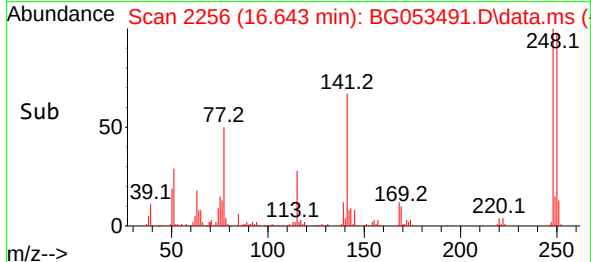
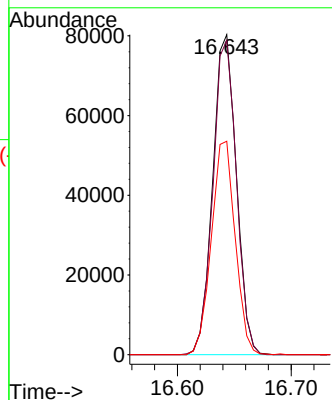
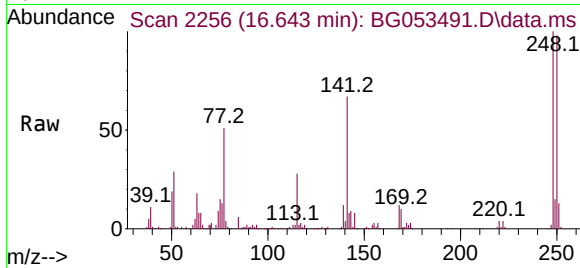




#67
4-Bromophenyl-phenylether
Concen: 47.630 ng
RT: 16.643 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

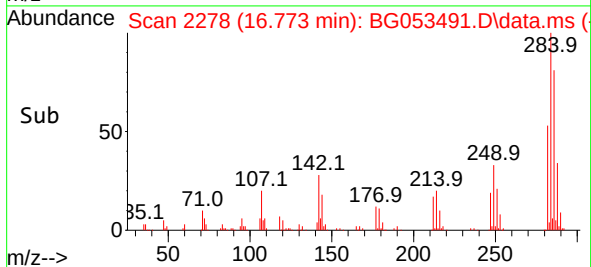
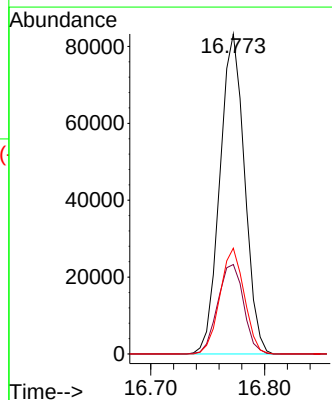
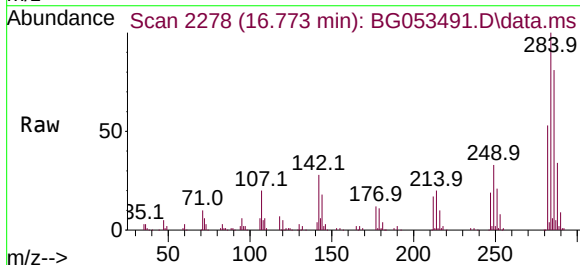
Instrument :
BNA_G
ClientSampleId :
PB144642BS

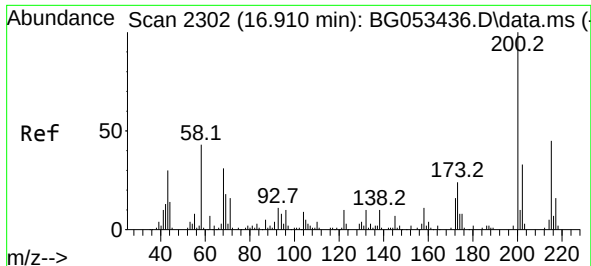
Tgt Ion:248 Resp: 115741
Ion Ratio Lower Upper
248 100
250 98.2 75.2 112.8
141 66.7 50.0 75.0



#68
Hexachlorobenzene
Concen: 47.166 ng
RT: 16.773 min Scan# 2278
Delta R.T. -0.008 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

Tgt Ion:284 Resp: 125522
Ion Ratio Lower Upper
284 100
142 28.0 23.6 35.4
249 33.0 25.8 38.6

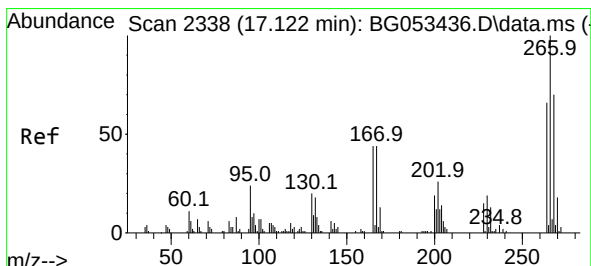
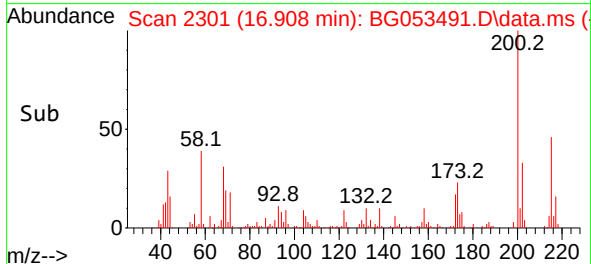
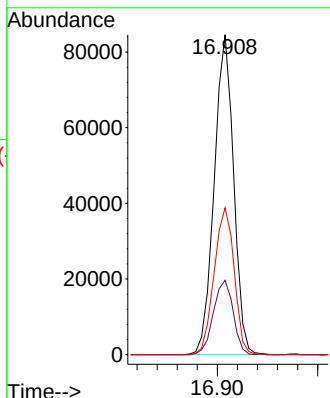
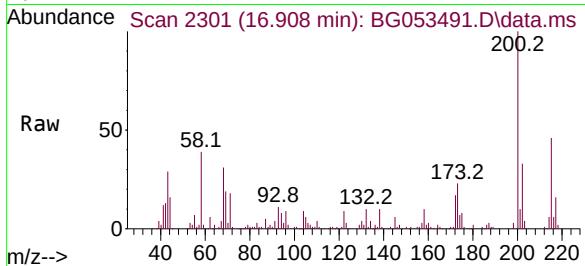




#69
 Atrazine
 Concen: 49.239 ng
 RT: 16.908 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG053491.D
 Acq: 9 May 2022 13:45

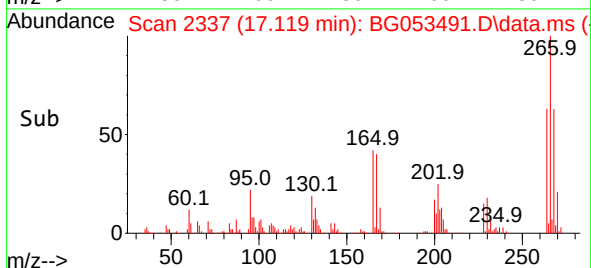
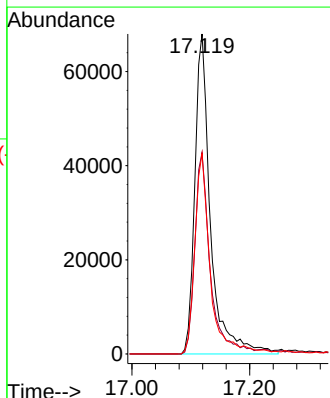
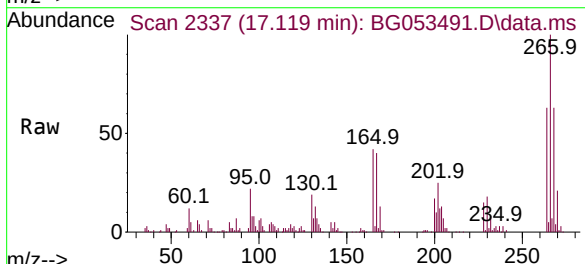
Instrument :
 BNA_G
 ClientSampleId :
 PB144642BS

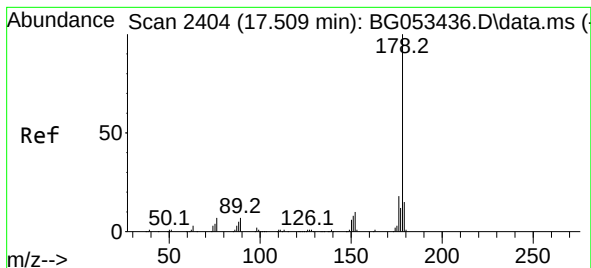
Tgt Ion:200 Resp: 113238
 Ion Ratio Lower Upper
 200 100
 173 23.3 3.7 43.7
 215 45.9 25.2 65.2



#70
 Pentachlorophenol
 Concen: 87.411 ng
 RT: 17.119 min Scan# 2337
 Delta R.T. -0.003 min
 Lab File: BG053491.D
 Acq: 9 May 2022 13:45

Tgt Ion:266 Resp: 125932
 Ion Ratio Lower Upper
 266 100
 268 63.0 56.2 84.2
 264 62.7 53.0 79.4





#71

Phenanthrene

Concen: 47.631 ng

RT: 17.501 min Scan# 24

Delta R.T. -0.008 min

Lab File: BG053491.D

Acq: 9 May 2022 13:45

Instrument :

BNA_G

ClientSampleId :

PB144642BS

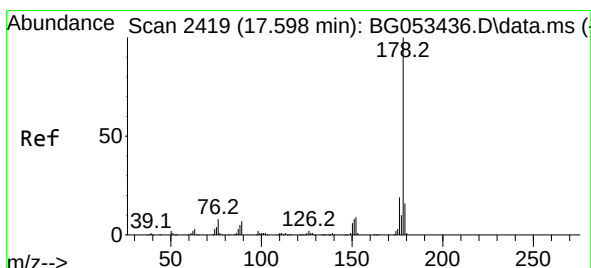
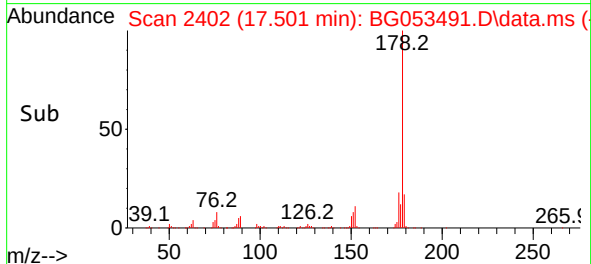
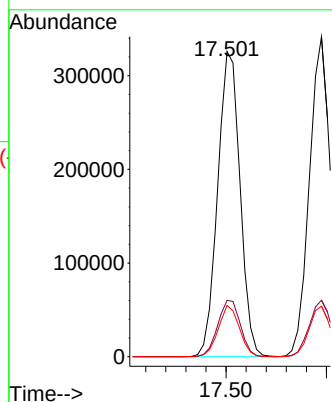
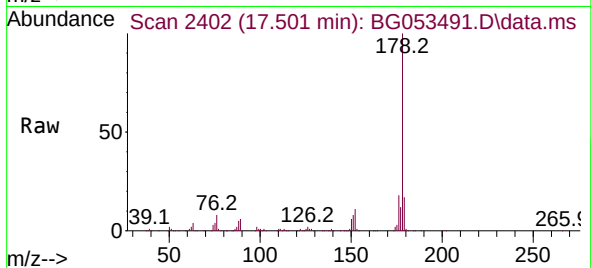
Tgt Ion:178 Resp: 503929

Ion Ratio Lower Upper

178 100

176 18.5 14.1 21.1

179 16.8 12.1 18.1



#72

Anthracene

Concen: 48.556 ng

RT: 17.595 min Scan# 2418

Delta R.T. -0.003 min

Lab File: BG053491.D

Acq: 9 May 2022 13:45

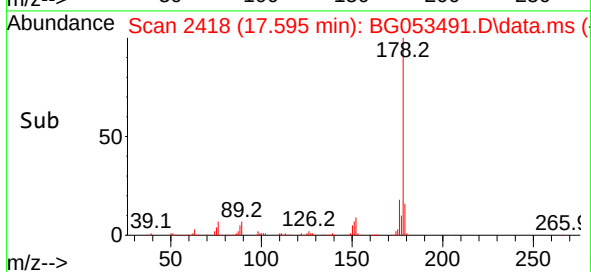
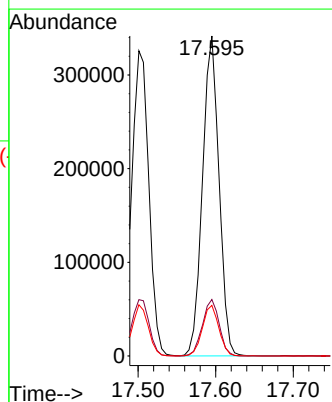
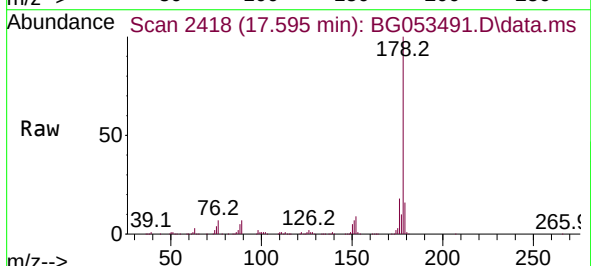
Tgt Ion:178 Resp: 504941

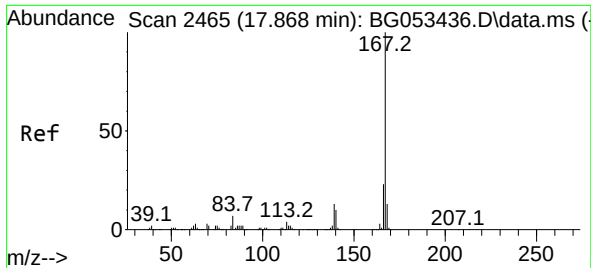
Ion Ratio Lower Upper

178 100

176 17.7 15.2 22.8

179 15.8 13.0 19.4

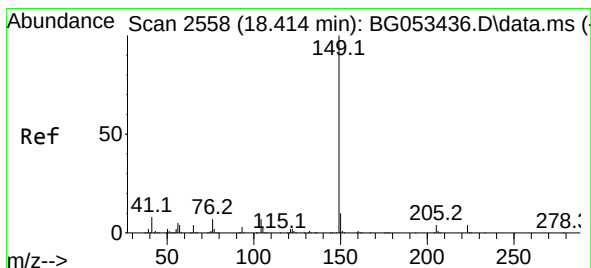
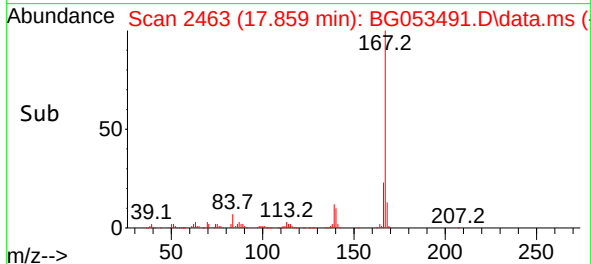
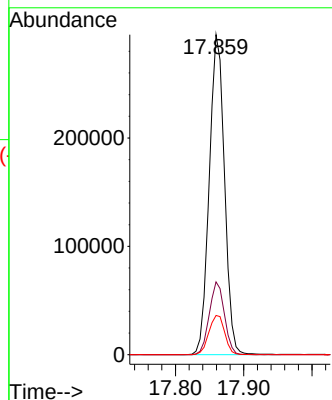
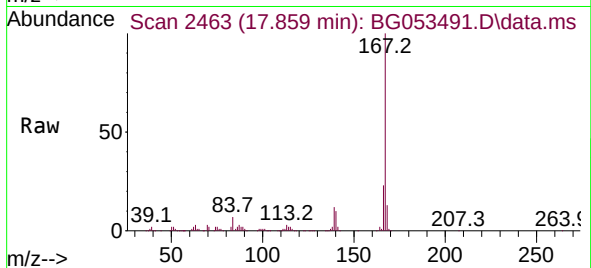




#73
 Carbazole
 Concen: 45.085 ng
 RT: 17.859 min Scan# 2463
 Delta R.T. -0.008 min
 Lab File: BG053491.D
 Acq: 9 May 2022 13:45

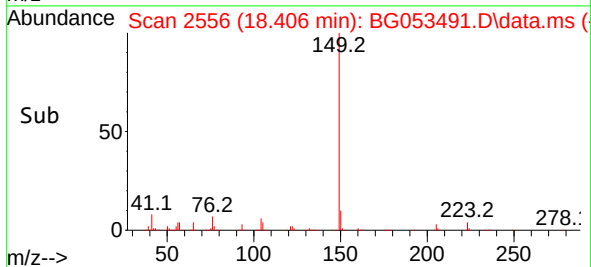
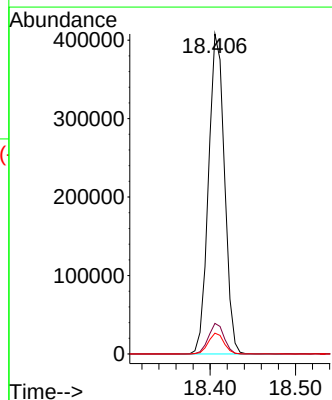
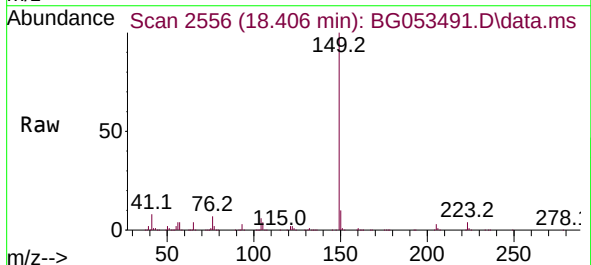
Instrument :
 BNA_G
 ClientSampleId :
 PB144642BS

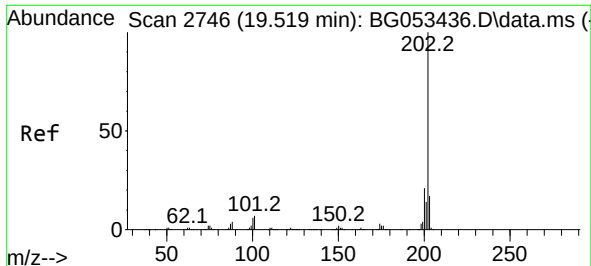
Tgt Ion:167 Resp: 459492
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.2 27.2
 139 12.3 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 46.307 ng
 RT: 18.406 min Scan# 2556
 Delta R.T. -0.008 min
 Lab File: BG053491.D
 Acq: 9 May 2022 13:45

Tgt Ion:149 Resp: 530788
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 6.5 5.4 8.0

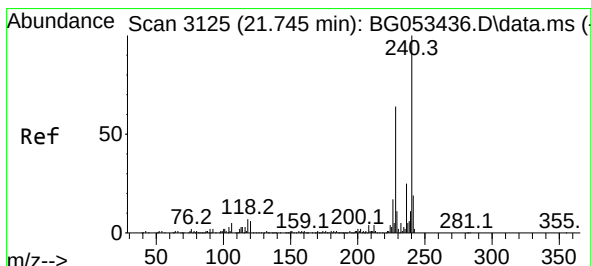
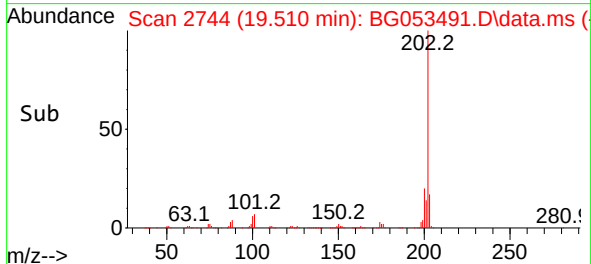
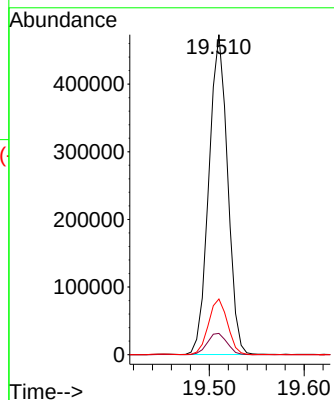
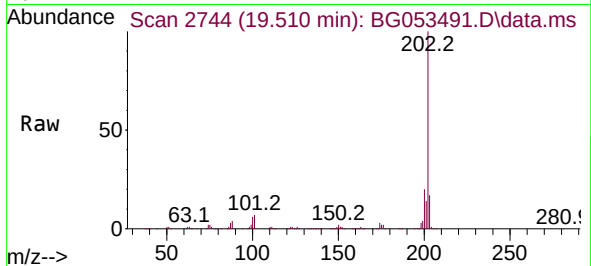




#75
Fluoranthene
Concen: 47.399 ng
RT: 19.510 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

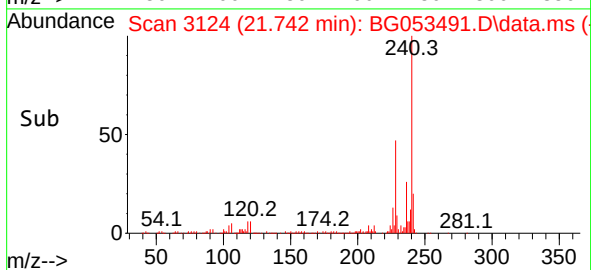
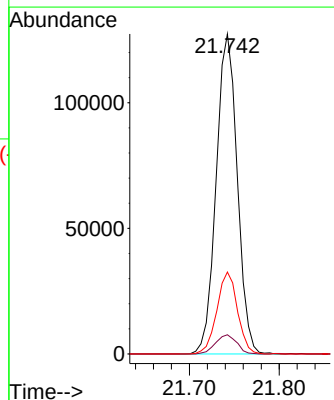
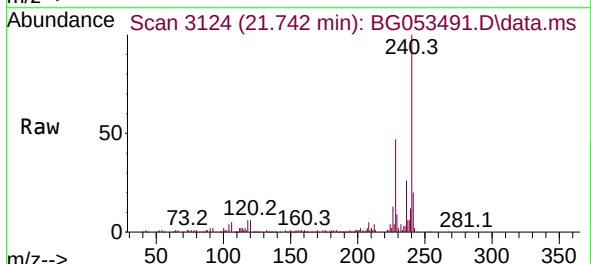
Instrument :
BNA_G
ClientSampleId :
PB144642BS

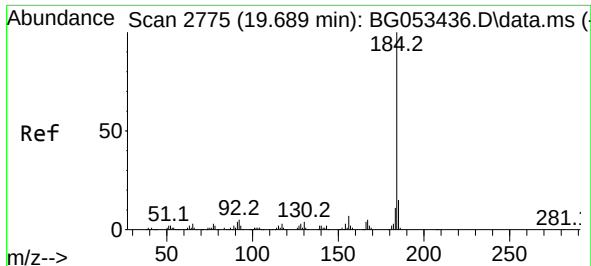
Tgt Ion:202 Resp: 649317
Ion Ratio Lower Upper
202 100
101 6.7 0.0 26.9
203 17.4 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.742 min Scan# 3124
Delta R.T. -0.003 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

Tgt Ion:240 Resp: 207448
Ion Ratio Lower Upper
240 100
120 6.0 4.6 7.0
236 25.6 20.2 30.4

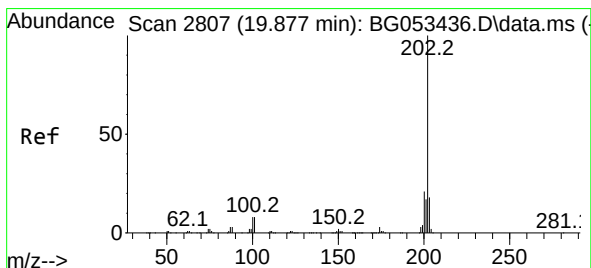
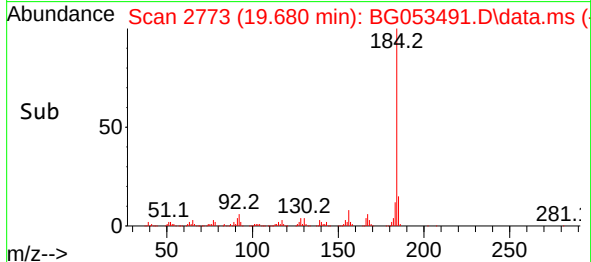
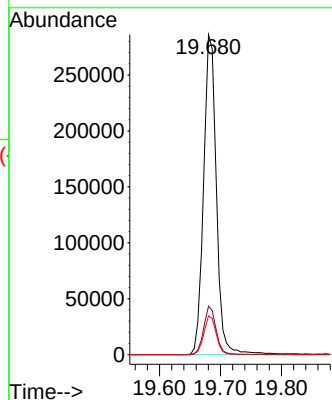
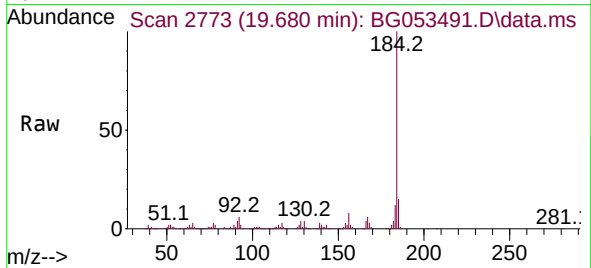




#77
Benzidine
Concen: 93.435 ng
RT: 19.680 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

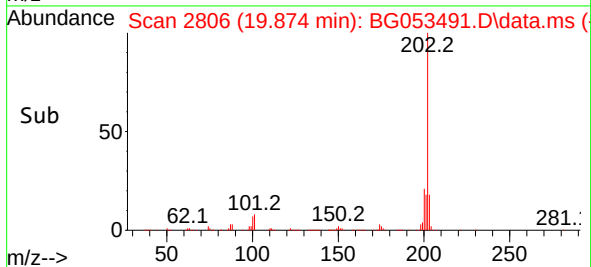
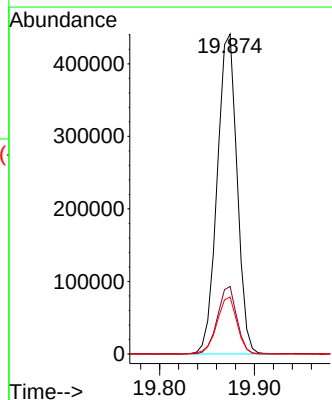
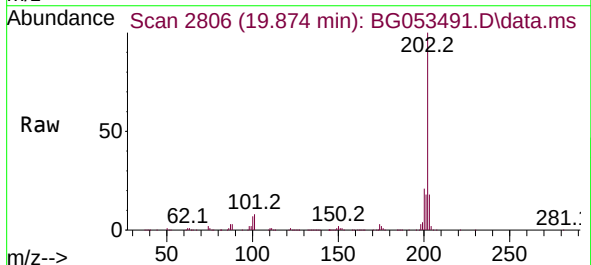
Instrument :
BNA_G
ClientSampleId :
PB144642BS

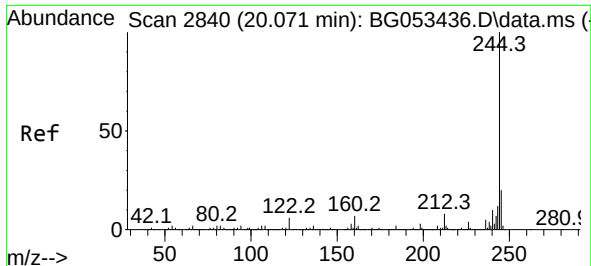
Tgt Ion:184 Resp: 417773
Ion Ratio Lower Upper
184 100
185 15.2 11.8 17.6
183 12.1 8.9 13.3



#78
Pyrene
Concen: 47.884 ng
RT: 19.874 min Scan# 2806
Delta R.T. -0.003 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

Tgt Ion:202 Resp: 643045
Ion Ratio Lower Upper
202 100
200 21.1 16.6 24.8
203 17.8 14.6 21.8

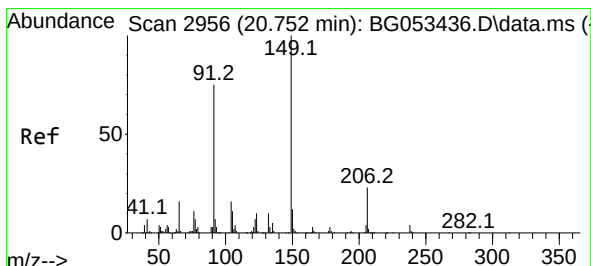
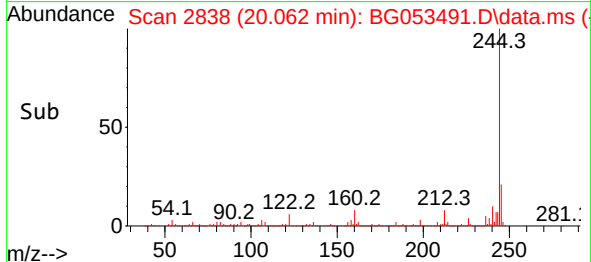
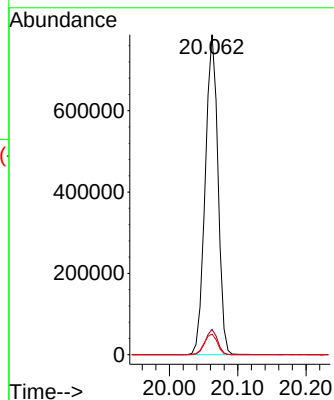
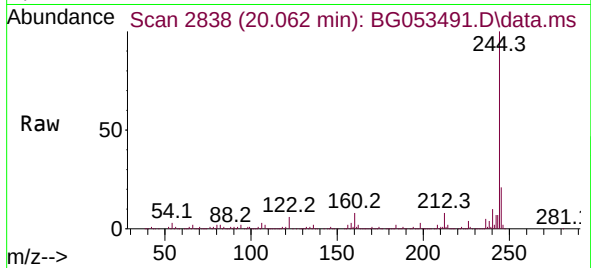




#79
 Terphenyl-d14
 Concen: 91.536 ng
 RT: 20.062 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG053491.D
 Acq: 9 May 2022 13:45

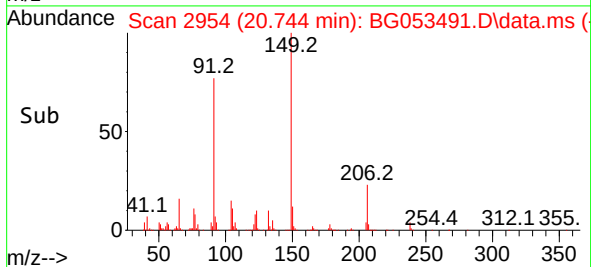
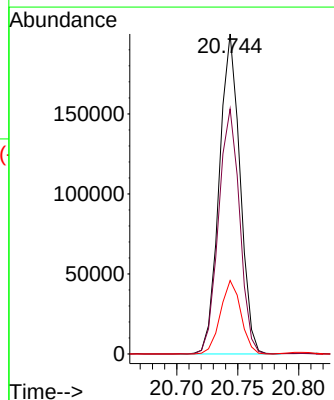
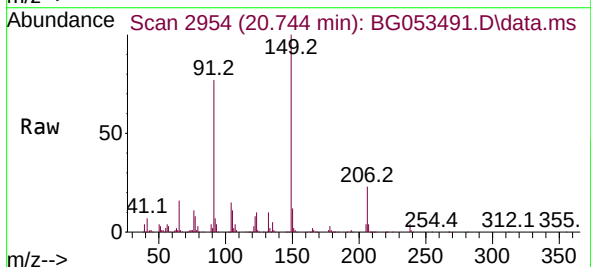
Instrument :
 BNA_G
 ClientSampleId :
 PB144642BS

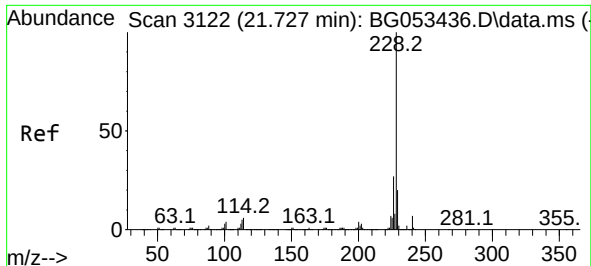
Tgt Ion:244 Resp: 1019560
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 6.5 5.0 7.4



#80
 Butylbenzylphthalate
 Concen: 48.130 ng
 RT: 20.744 min Scan# 2954
 Delta R.T. -0.008 min
 Lab File: BG053491.D
 Acq: 9 May 2022 13:45

Tgt Ion:149 Resp: 237010
 Ion Ratio Lower Upper
 149 100
 91 76.6 59.6 89.4
 206 23.0 18.6 28.0

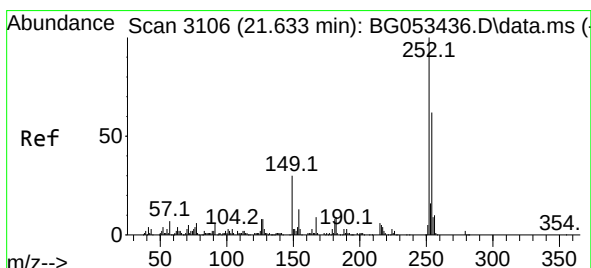
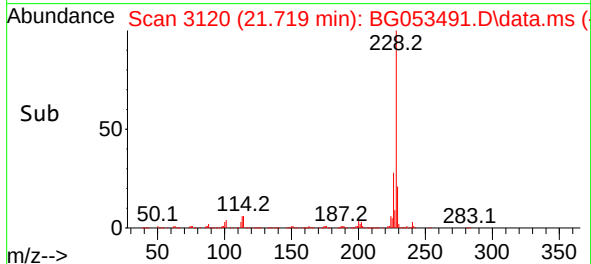
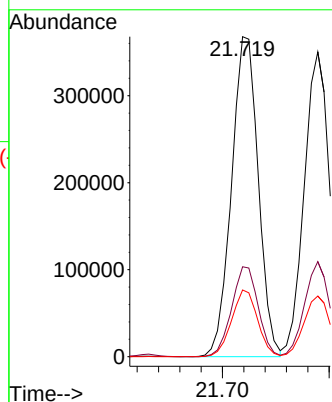
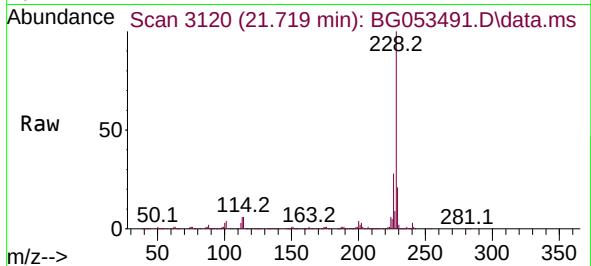




#81
Benzo(a)anthracene
Concen: 48.503 ng
RT: 21.719 min Scan# 3122
Delta R.T. -0.008 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

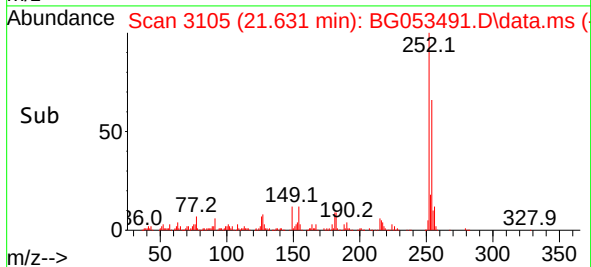
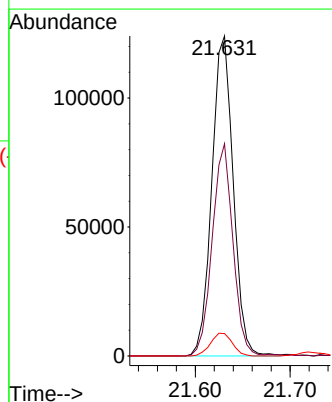
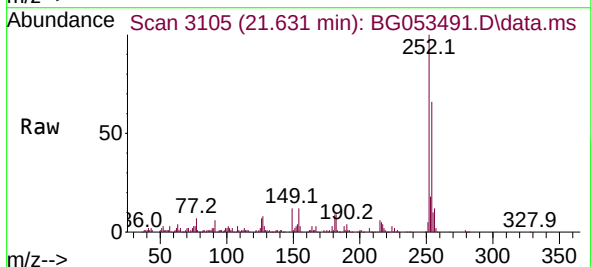
Instrument :
BNA_G
ClientSampleId :
PB144642BS

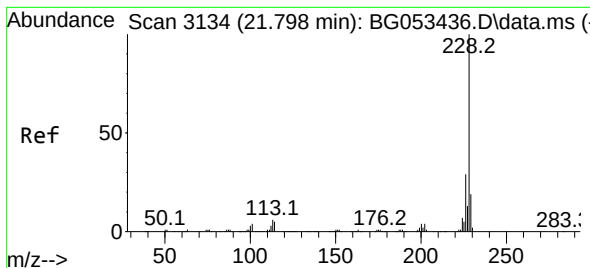
Tgt Ion:228 Resp: 641765
Ion Ratio Lower Upper
228 100
226 28.1 21.6 32.4
229 20.9 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 57.802 ng
RT: 21.631 min Scan# 3105
Delta R.T. -0.003 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

Tgt Ion:252 Resp: 193946
Ion Ratio Lower Upper
252 100
254 66.3 49.8 74.8
126 7.0 6.0 9.0





#83

Chrysene

Concen: 46.935 ng

RT: 21.789 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG053491.D

Acq: 9 May 2022 13:45

Instrument :

BNA_G

ClientSampleId :

PB144642BS

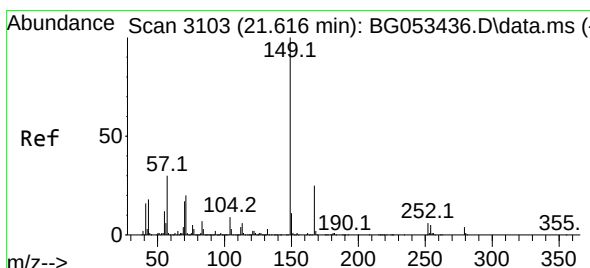
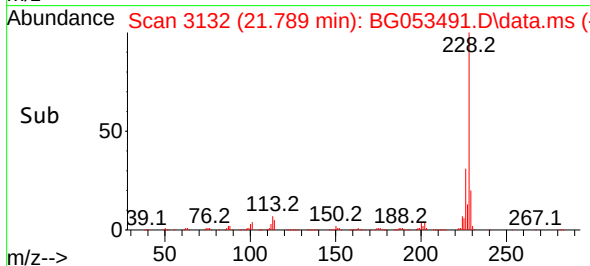
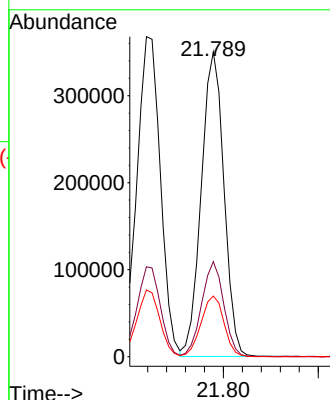
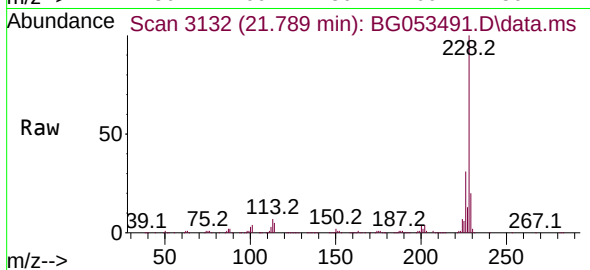
Tgt Ion:228 Resp: 580009

Ion Ratio Lower Upper

228 100

226 31.2 23.4 35.2

229 19.9 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.907 ng

RT: 21.607 min Scan# 3101

Delta R.T. -0.009 min

Lab File: BG053491.D

Acq: 9 May 2022 13:45

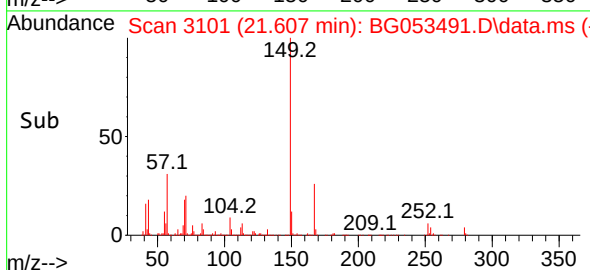
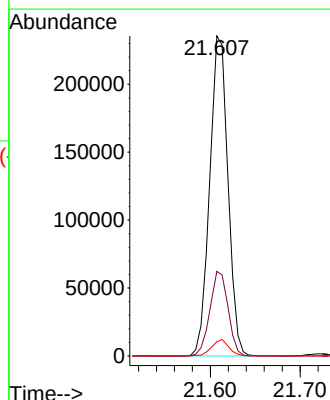
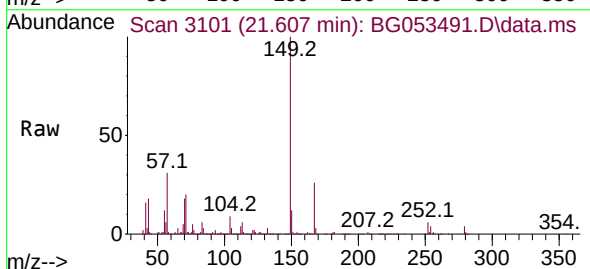
Tgt Ion:149 Resp: 332409

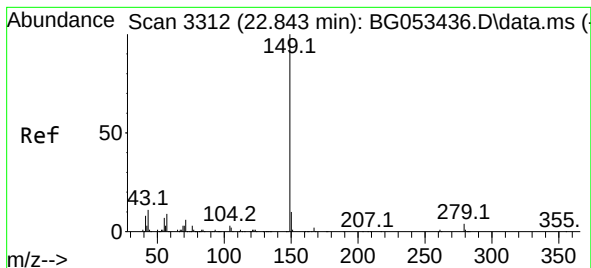
Ion Ratio Lower Upper

149 100

167 26.4 20.2 30.4

279 4.5 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 49.834 ng

RT: 22.835 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG053491.D

Acq: 9 May 2022 13:45

Instrument :

BNA_G

ClientSampleId :

PB144642BS

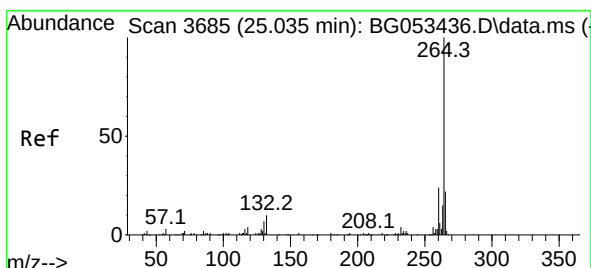
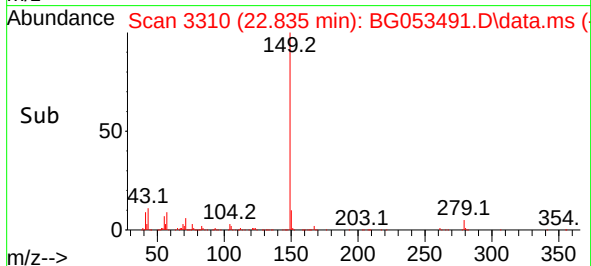
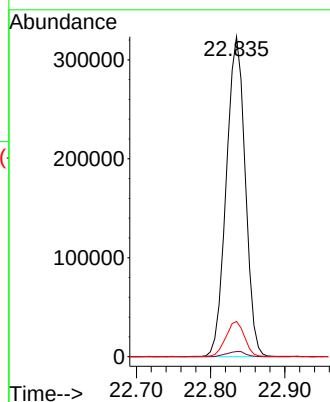
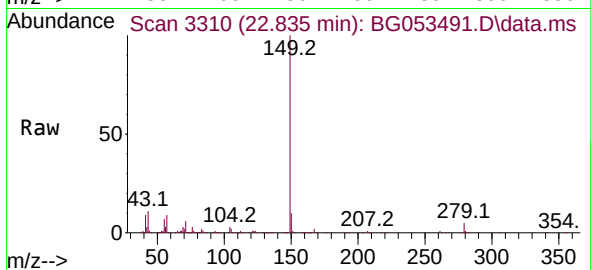
Tgt Ion:149 Resp: 572761

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.9 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.014 min Scan# 3681

Delta R.T. -0.020 min

Lab File: BG053491.D

Acq: 9 May 2022 13:45

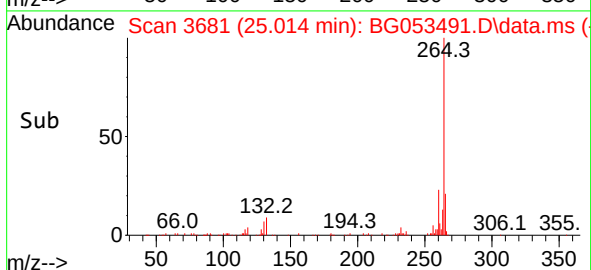
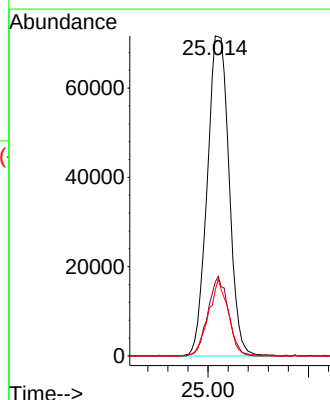
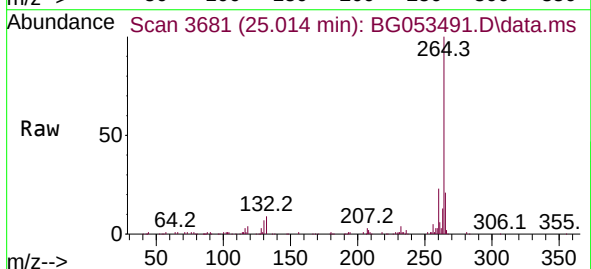
Tgt Ion:264 Resp: 216376

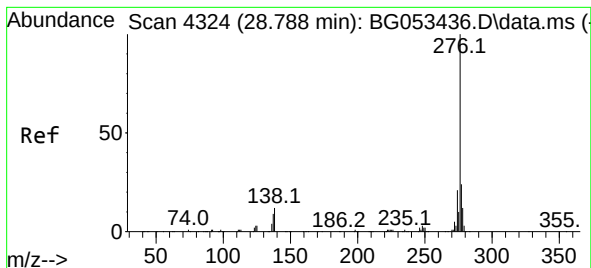
Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.6

265 20.6 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.455 ng

RT: 28.786 min Scan# 41

Delta R.T. -0.003 min

Lab File: BG053491.D

Acq: 9 May 2022 13:45

Instrument :

BNA_G

ClientSampleId :

PB144642BS

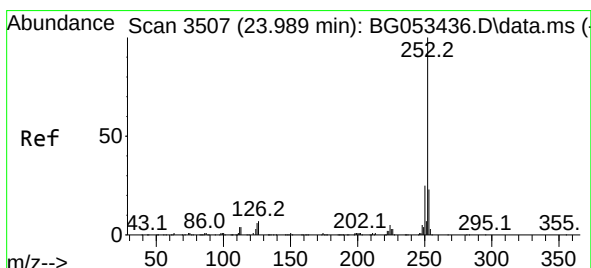
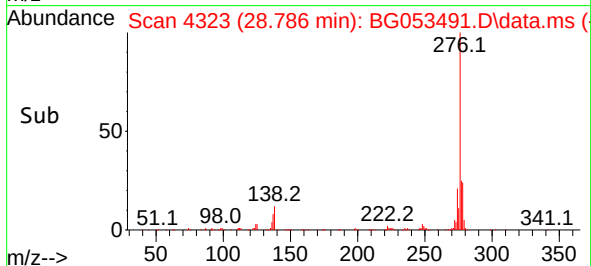
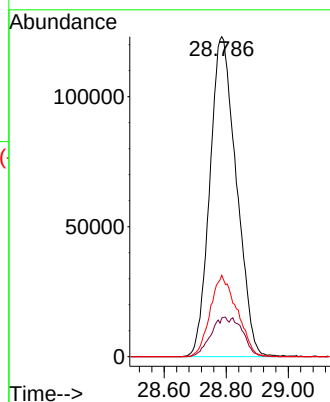
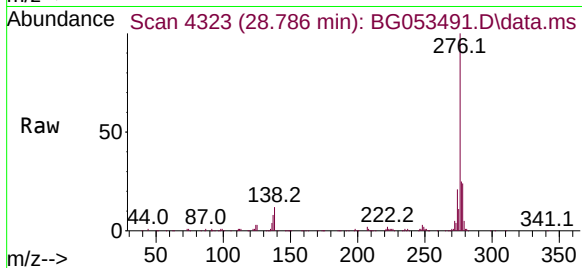
Tgt Ion:276 Resp: 730220

Ion Ratio Lower Upper

276 100

138 8.4 5.0 7.4#

277 25.7 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 53.779 ng

RT: 23.980 min Scan# 3505

Delta R.T. -0.008 min

Lab File: BG053491.D

Acq: 9 May 2022 13:45

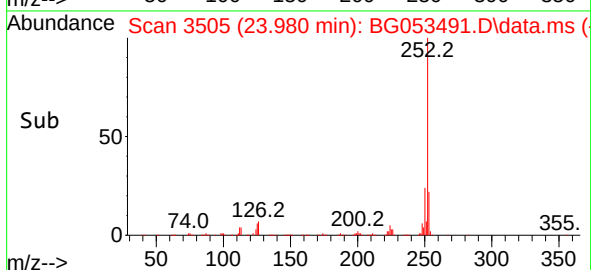
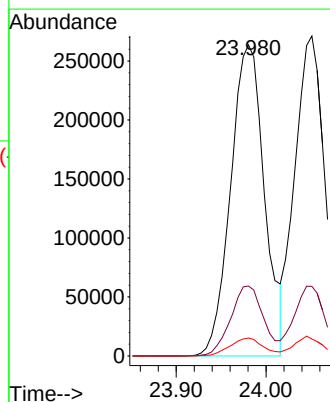
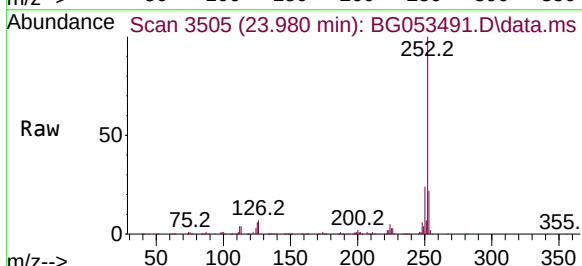
Tgt Ion:252 Resp: 688777

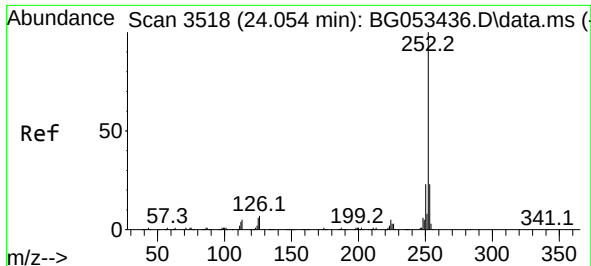
Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

125 5.8 4.6 6.8

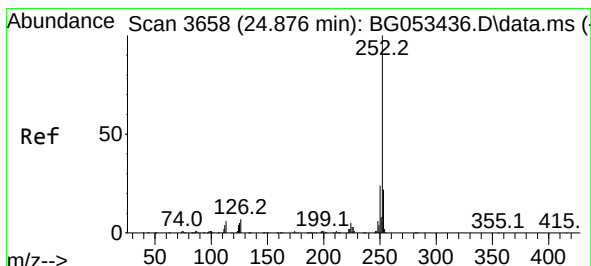
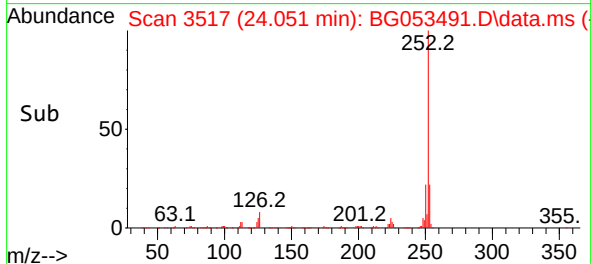
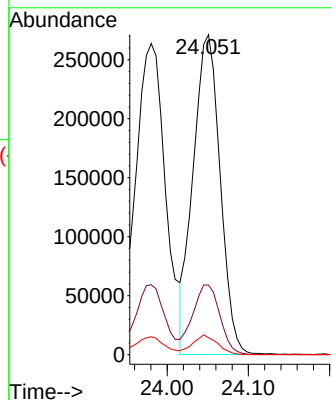
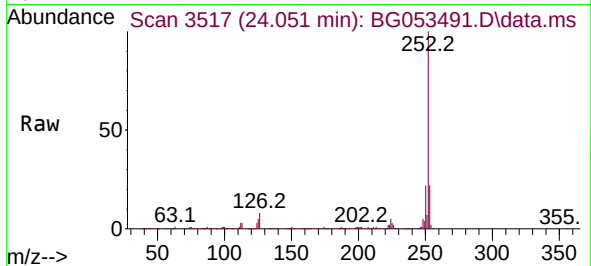




#89
Benzo(k)fluoranthene
Concen: 49.852 ng
RT: 24.051 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

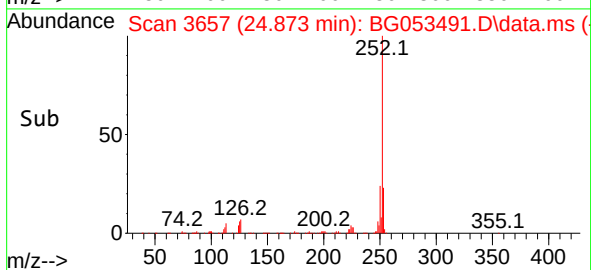
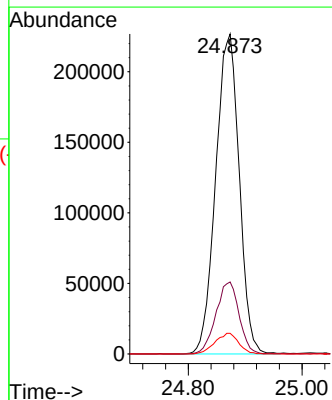
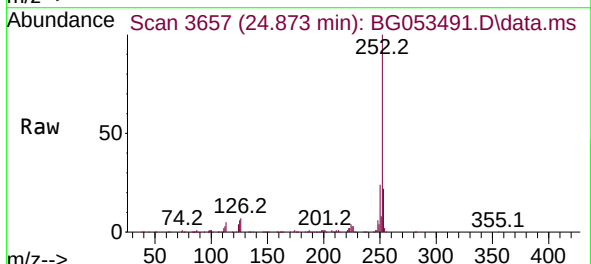
Instrument :
BNA_G
ClientSampleId :
PB144642BS

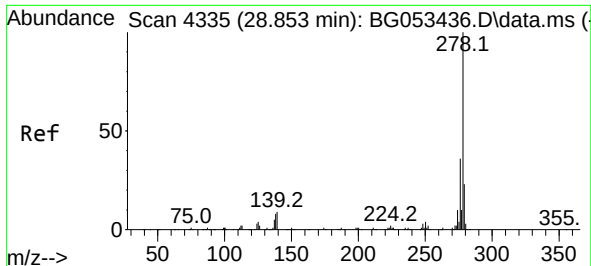
Tgt Ion:252 Resp: 627415
Ion Ratio Lower Upper
252 100
253 21.8 18.4 27.6
125 5.3 4.8 7.2



#90
Benzo(a)pyrene
Concen: 59.706 ng
RT: 24.873 min Scan# 3657
Delta R.T. -0.003 min
Lab File: BG053491.D
Acq: 9 May 2022 13:45

Tgt Ion:252 Resp: 650866
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 6.5 4.3 6.5

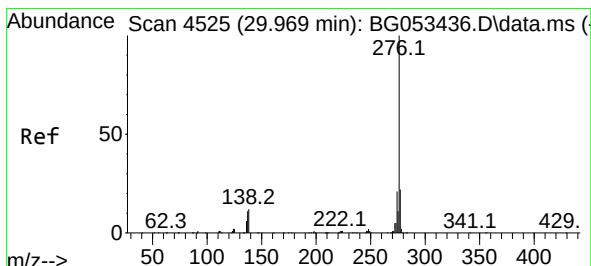
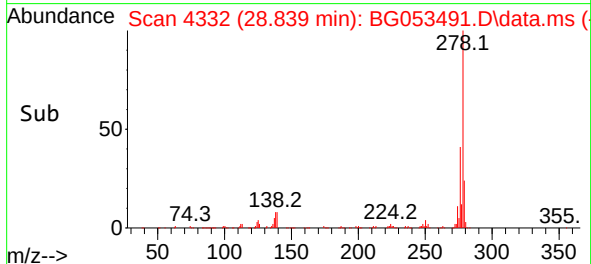
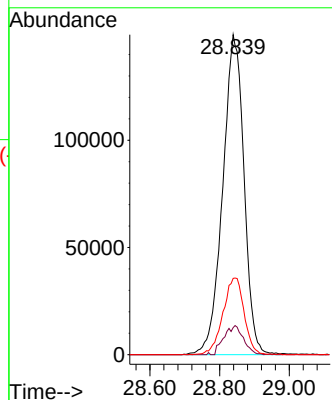
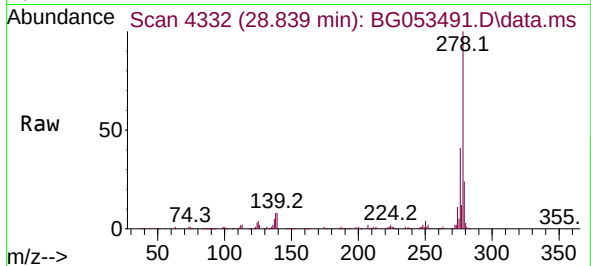




#91
 Dibenzo(a,h)anthracene
 Concen: 51.044 ng
 RT: 28.839 min Scan# 41
 Delta R.T. -0.014 min
 Lab File: BG053491.D
 Acq: 9 May 2022 13:45

Instrument :
 BNA_G
 ClientSampleId :
 PB144642BS

Tgt Ion:278 Resp: 633851
 Ion Ratio Lower Upper
 278 100
 139 8.4 7.2 10.8
 279 23.9 18.6 27.8



#92
 Benzo(g,h,i)perylene
 Concen: 51.517 ng
 RT: 29.966 min Scan# 4524
 Delta R.T. -0.003 min
 Lab File: BG053491.D
 Acq: 9 May 2022 13:45

Tgt Ion:276 Resp: 634125
 Ion Ratio Lower Upper
 276 100
 277 23.7 17.3 25.9
 138 12.2 9.6 14.4

