

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050922\
 Data File : BG053492.D
 Acq On : 9 May 2022 14:24
 Operator : CG/JU
 Sample : PB144673BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144673BS

Quant Time: May 09 16:22:47 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	8.088	152	25535	20.000	ng	-0.01
21) Naphthalene-d8	10.902	136	111075	20.000	ng	-0.01
39) Acenaphthene-d10	14.714	164	91403	20.000	ng	0.00
64) Phenanthrene-d10	17.458	188	229037	20.000	ng	-0.01
76) Chrysene-d12	21.740	240	229396	20.000	ng	0.00
86) Perylene-d12	25.018	264	236552	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	200809	133.464	ng	-0.01
7) Phenol-d6	7.254	99	290078	127.035	ng	0.00
23) Nitrobenzene-d5	9.251	82	199785	76.566	ng	-0.01
42) 2,4,6-Tribromophenol	16.206	330	154680	114.740	ng	0.00
45) 2-Fluorobiphenyl	13.340	172	456755	73.022	ng	0.00
79) Terphenyl-d14	20.060	244	970682	78.810	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.535	88	21103	26.732	ng	# 88
3) Pyridine	3.935	79	54158	28.091	ng	96
4) n-Nitrosodimethylamine	3.847	42	38700	41.207	ng	98
6) Aniline	7.413	93	106141	41.968	ng	97
8) 2-Chlorophenol	7.659	128	71598	45.519	ng	98
9) Benzaldehyde	7.225	77	51133	35.248	ng	92
10) Phenol	7.283	94	103777	46.468	ng	95
11) bis(2-Chloroethyl)ether	7.501	93	66380	39.853	ng	95
12) 1,3-Dichlorobenzene	7.976	146	72556	39.102	ng	96
13) 1,4-Dichlorobenzene	8.123	146	74378	39.722	ng	96
14) 1,2-Dichlorobenzene	8.446	146	71366	40.587	ng	94
15) Benzyl Alcohol	8.329	79	83826	43.910	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.617	45	108879	40.164	ng	98
17) 2-Methylphenol	8.535	107	67338	44.611	ng	95
18) Hexachloroethane	9.175	117	27617	38.839	ng	96
19) n-Nitroso-di-n-propyla...	8.893	70	67197	41.015	ng	96
20) 3+4-Methylphenols	8.864	107	94008	44.097	ng	97
22) Acetophenone	8.911	105	114813	37.768	ng	# 99
24) Nitrobenzene	9.292	77	102767	40.692	ng	96
25) Isophorone	9.815	82	185980	42.351	ng	97
26) 2-Nitrophenol	10.009	139	41894	40.957	ng	97
27) 2,4-Dimethylphenol	10.068	122	73798	47.941	ng	99
28) bis(2-Chloroethoxy)met...	10.297	93	98608	39.043	ng	97
29) 2,4-Dichlorophenol	10.549	162	80413	43.283	ng	96
30) 1,2,4-Trichlorobenzene	10.761	180	81661	38.686	ng	95
31) Naphthalene	10.949	128	220469	39.020	ng	99
32) Benzoic acid	10.238	122	27467	31.984	ng	# 86
33) 4-Chloroaniline	11.055	127	77715	32.843	ng	96
34) Hexachlorobutadiene	11.237	225	59337	37.909	ng	96
35) Caprolactam	11.824	113	13576	20.108	ng	96
36) 4-Chloro-3-methylphenol	12.177	107	95625	43.029	ng	98
37) 2-Methylnaphthalene	12.547	142	164670	39.053	ng	99
38) 1-Methylnaphthalene	12.547	142	164670	40.027	ng	95
40) 1,2,4,5-Tetrachloroben...	12.917	216	108245	37.570	ng	98
41) Hexachlorocyclopentadiene	12.899	237	102678	86.665	ng	94
43) 2,4,6-Trichlorophenol	13.158	196	72577	38.591	ng	96

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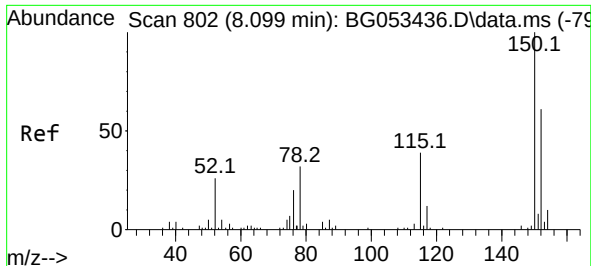
Quant Time: May 09 16:22:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 02:13:53 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.234	196	80543	40.240	ng	100
46) 1,1'-Biphenyl	13.551	154	233943	37.549	ng	96
47) 2-Chloronaphthalene	13.592	162	179146	36.700	ng	100
48) 2-Nitroaniline	13.792	65	75240	41.366	ng	99
49) Acenaphthylene	14.438	152	317059	40.704	ng	99
50) Dimethylphthalate	14.162	163	265974	38.293	ng	97
51) 2,6-Dinitrotoluene	14.286	165	59444	42.008	ng	94
52) Acenaphthene	14.779	154	175699	37.849	ng	98
53) 3-Nitroaniline	14.615	138	50061	32.742	ng	95
54) 2,4-Dinitrophenol	14.832	184	66252	74.244	ng	96
55) Dibenzofuran	15.114	168	309964	37.175	ng	97
56) 4-Nitrophenol	14.938	139	88836	81.347	ng	92
57) 2,4-Dinitrotoluene	15.079	165	85150	41.513	ng	# 97
58) Fluorene	15.760	166	258461	38.627	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.343	232	77680	38.250	ng	99
60) Diethylphthalate	15.519	149	277577	38.688	ng	97
61) 4-Chlorophenyl-phenyle...	15.748	204	140720	37.689	ng	98
62) 4-Nitroaniline	15.784	138	61484	38.770	ng	96
63) Azobenzene	16.042	77	276791	37.674	ng	99
65) 4,6-Dinitro-2-methylph...	15.842	198	51854	37.995	ng	96
66) n-Nitrosodiphenylamine	15.960	169	230691	38.363	ng	98
67) 4-Bromophenyl-phenylether	16.641	248	102656	38.378	ng	95
68) Hexachlorobenzene	16.770	284	112727	38.480	ng	98
69) Atrazine	16.906	200	101853	40.234	ng	96
70) Pentachlorophenol	17.117	266	109358	69.939	ng	94
71) Phenanthrene	17.505	178	451675	38.783	ng	99
72) Anthracene	17.593	178	449978	39.309	ng	99
73) Carbazole	17.857	167	415658	37.050	ng	100
74) Di-n-butylphthalate	18.409	149	487278	38.619	ng	99
75) Fluoranthene	19.508	202	587811	38.981	ng	98
77) Benzidine	19.684	184	287198	58.086	ng	99
78) Pyrene	19.872	202	586342	39.484	ng	100
80) Butylbenzylphthalate	20.742	149	212458	39.016	ng	94
81) Benzo(a)anthracene	21.723	228	582967	39.844	ng	100
82) 3,3'-Dichlorobenzidine	21.629	252	172858	46.588	ng	97
83) Chrysene	21.787	228	527961	38.636	ng	98
84) Bis(2-ethylhexyl)phtha...	21.611	149	300900	40.035	ng	95
85) Di-n-octyl phthalate	22.833	149	512018	40.287	ng	99
87) Indeno(1,2,3-cd)pyrene	28.784	276	651611	39.551	ng	# 96
88) Benzo(b)fluoranthene	23.978	252	609609	43.538	ng	99
89) Benzo(k)fluoranthene	24.049	252	564974	41.062	ng	98
90) Benzo(a)pyrene	24.871	252	581235	48.771	ng	100
91) Dibenzo(a,h)anthracene	28.842	278	559796	41.235	ng	99
92) Benzo(g,h,i)perylene	29.970	276	560632	41.662	ng	96

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

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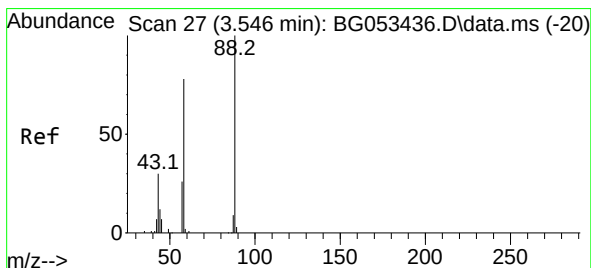
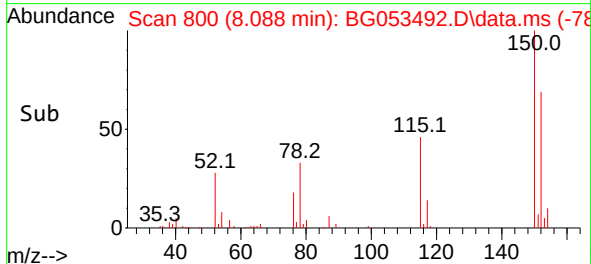
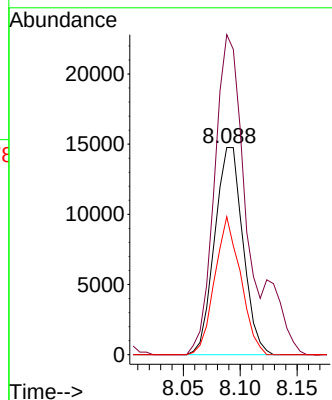
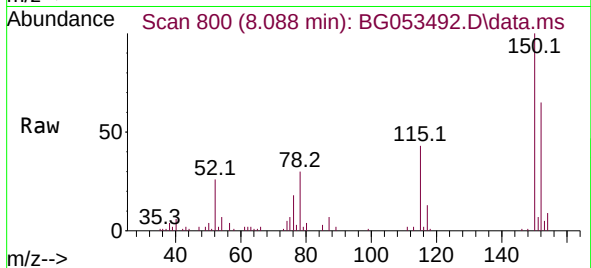




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.088 min Scan# 80
 Delta R.T. -0.011 min
 Lab File: BG053492.D
 Acq: 9 May 2022 14:24

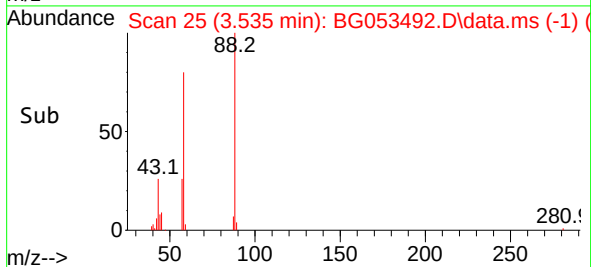
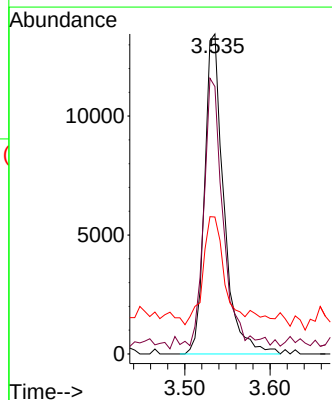
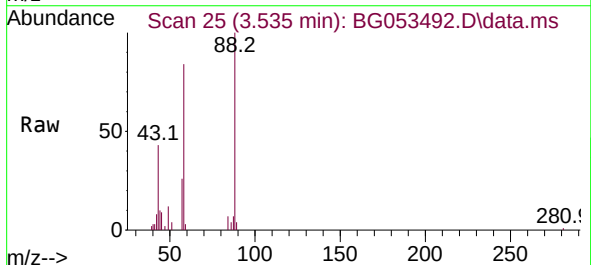
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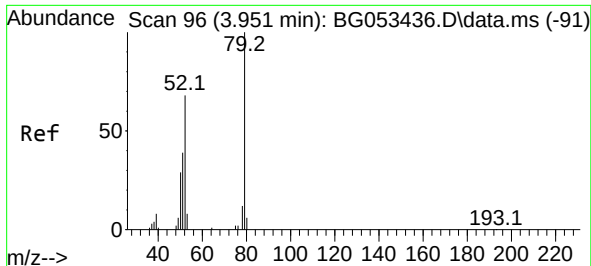
Tgt Ion:152 Resp: 25535
 Ion Ratio Lower Upper
 152 100
 150 154.5 131.6 197.4
 115 66.6 50.9 76.3



#2
 1,4-Dioxane
 Concen: 26.732 ng
 RT: 3.535 min Scan# 25
 Delta R.T. -0.011 min
 Lab File: BG053492.D
 Acq: 9 May 2022 14:24

Tgt Ion: 88 Resp: 21103
 Ion Ratio Lower Upper
 88 100
 58 84.9 59.2 88.8
 43 36.6 24.3 36.5#

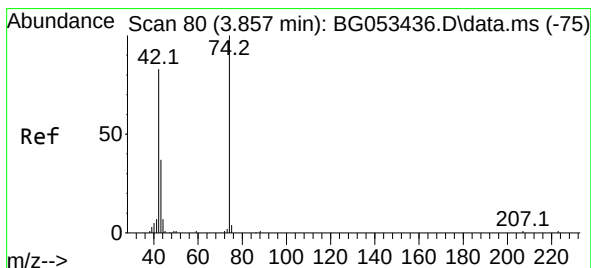
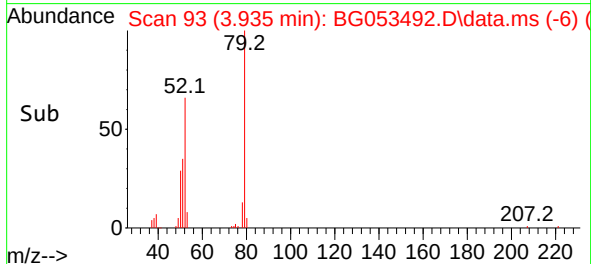
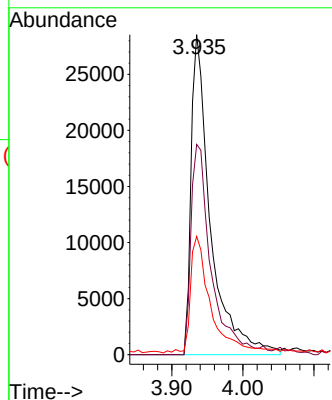
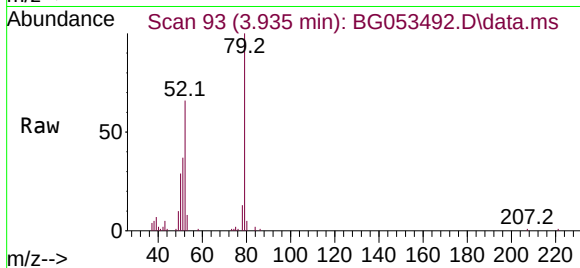




#3
 Pyridine
 Concen: 28.091 ng
 RT: 3.935 min Scan# 91
 Delta R.T. -0.016 min
 Lab File: BG053492.D
 Acq: 9 May 2022 14:24

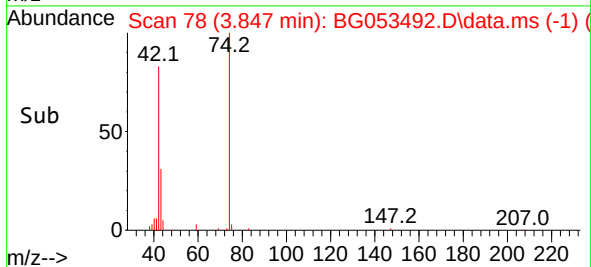
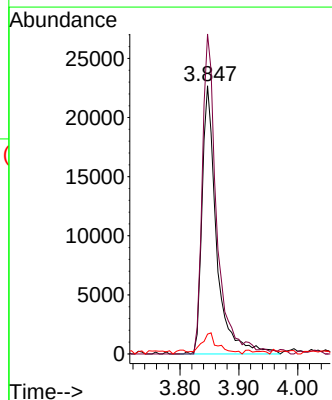
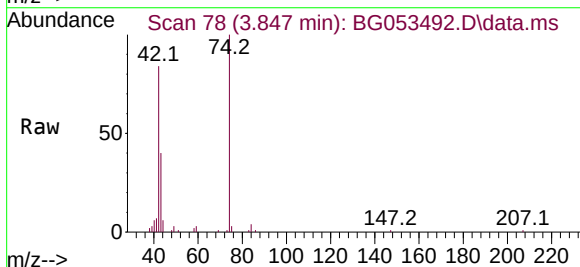
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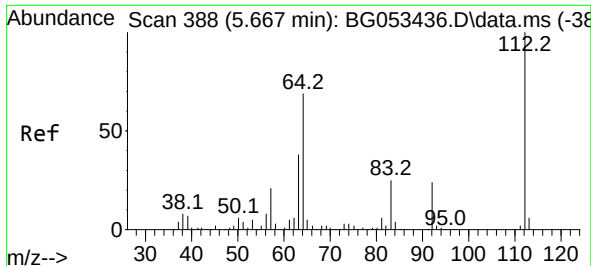
Tgt Ion: 79 Resp: 54158
 Ion Ratio Lower Upper
 79 100
 52 65.7 54.6 81.8
 51 37.0 32.5 48.7



#4
 n-Nitrosodimethylamine
 Concen: 41.207 ng
 RT: 3.847 min Scan# 78
 Delta R.T. -0.011 min
 Lab File: BG053492.D
 Acq: 9 May 2022 14:24

Tgt Ion: 42 Resp: 38700
 Ion Ratio Lower Upper
 42 100
 74 119.3 97.0 145.4
 44 7.4 7.0 10.4

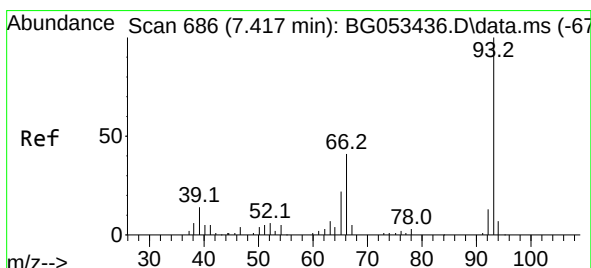
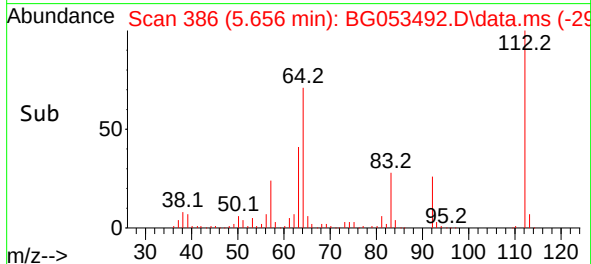
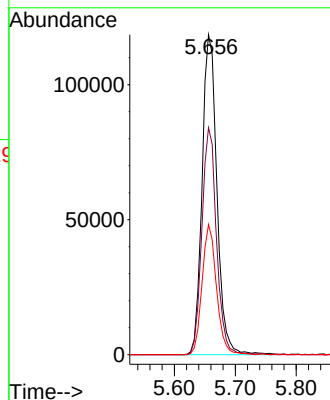
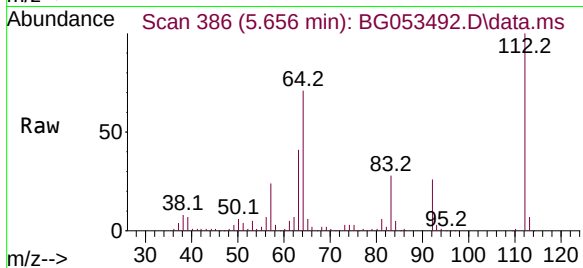




#5
2-Fluorophenol
Concen: 133.464 ng
RT: 5.656 min Scan# 311
Delta R.T. -0.011 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

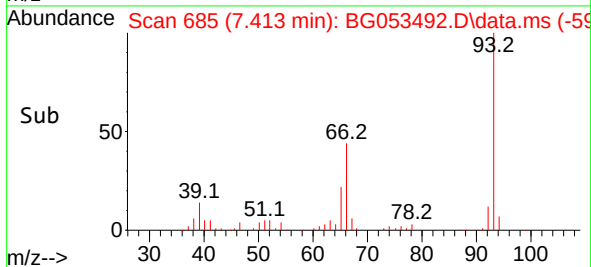
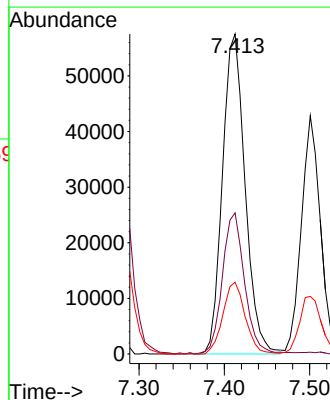
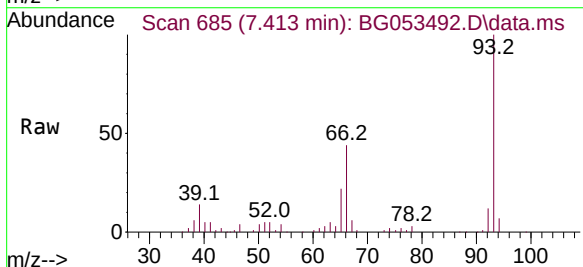
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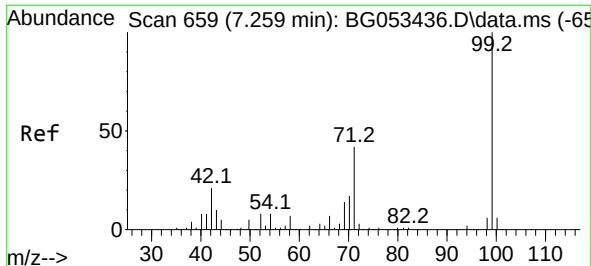
Tgt Ion:112 Resp: 200809
Ion Ratio Lower Upper
112 100
64 70.9 55.1 82.7
63 40.7 30.4 45.6



#6
Aniline
Concen: 41.968 ng
RT: 7.413 min Scan# 685
Delta R.T. -0.004 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

Tgt Ion: 93 Resp: 106141
Ion Ratio Lower Upper
93 100
66 44.1 32.9 49.3
65 22.4 17.8 26.8

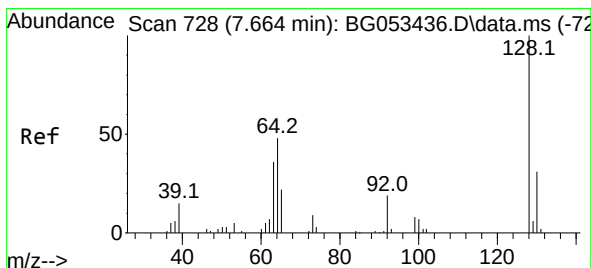
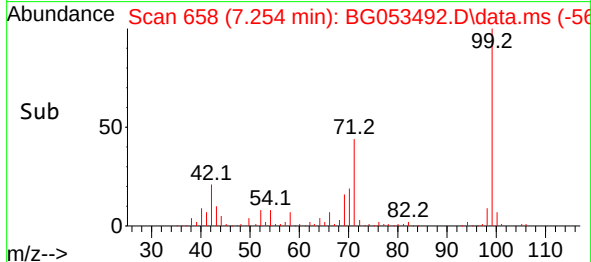
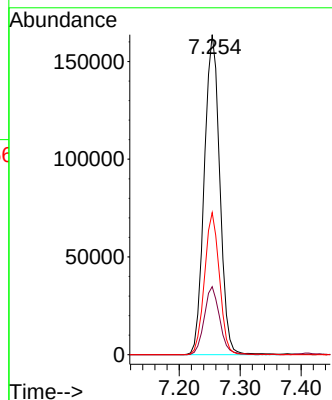
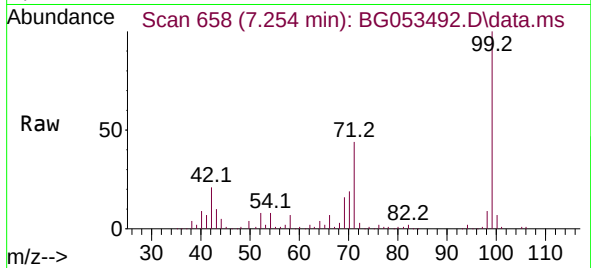




#7
Phenol-d6
Concen: 127.035 ng
RT: 7.254 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG053492.D
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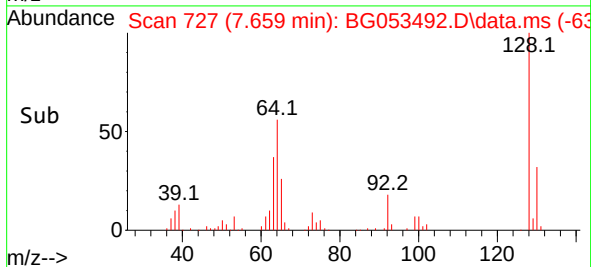
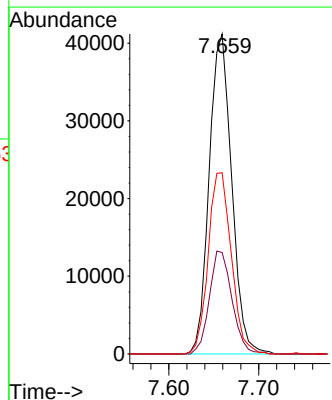
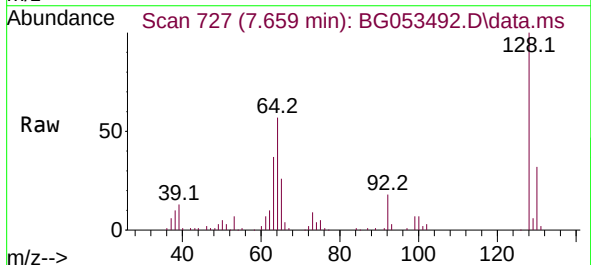
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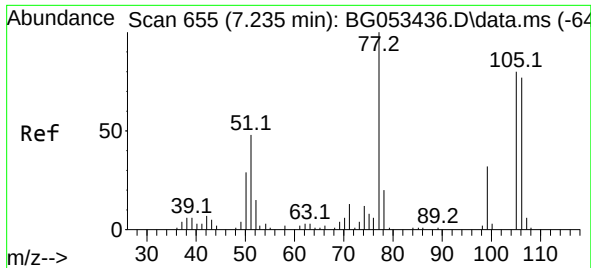
Tgt Ion: 99 Resp: 290078
Ion Ratio Lower Upper
99 100
42 21.3 17.0 25.6
71 44.4 33.8 50.8



#8
2-Chlorophenol
Concen: 45.519 ng
RT: 7.659 min Scan# 727
Delta R.T. -0.005 min
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Tgt Ion:128 Resp: 71598
Ion Ratio Lower Upper
128 100
130 31.7 10.5 50.5
64 56.7 35.1 75.1

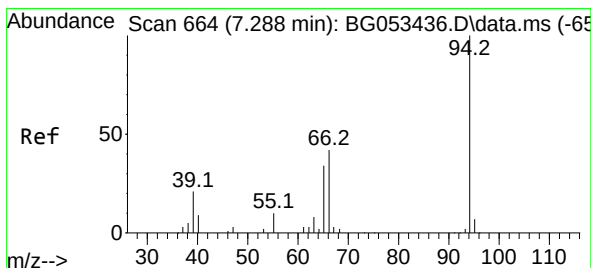
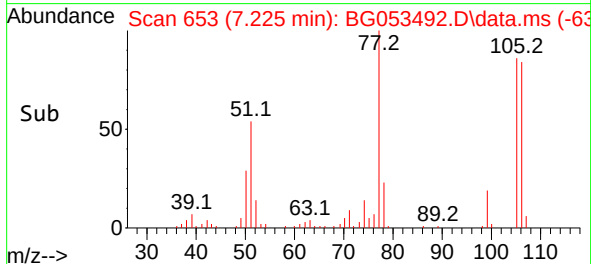
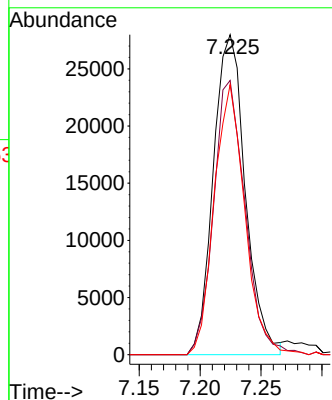
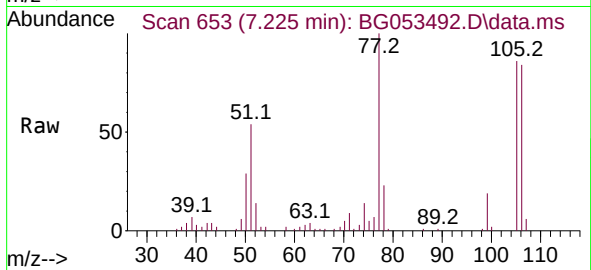




#9
Benzaldehyde
Concen: 35.248 ng
RT: 7.225 min Scan# 611
Delta R.T. -0.010 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

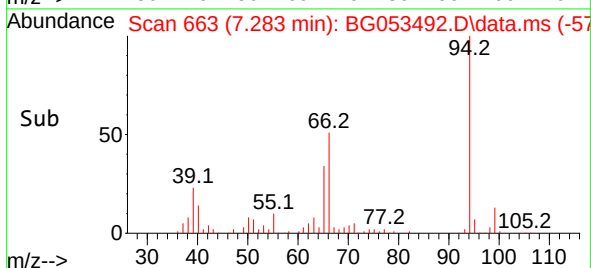
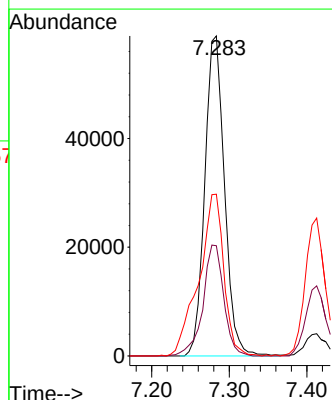
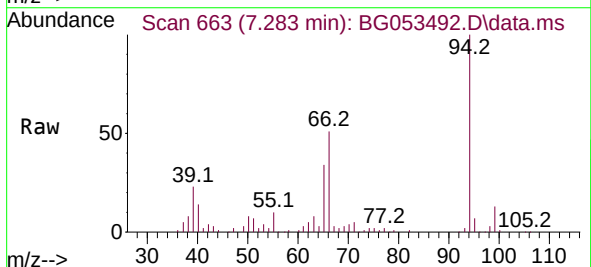
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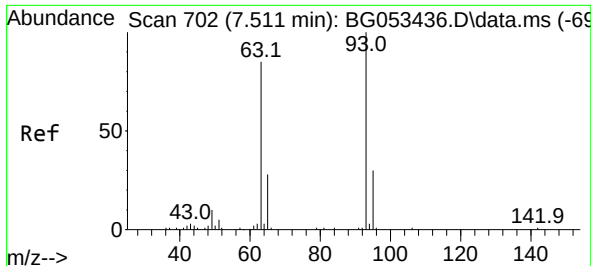
Tgt Ion: 77 Resp: 51133
Ion Ratio Lower Upper
77 100
105 85.7 59.6 99.6
106 84.4 56.8 96.8



#10
Phenol
Concen: 46.468 ng
RT: 7.283 min Scan# 663
Delta R.T. -0.005 min
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Tgt Ion: 94 Resp: 103777
Ion Ratio Lower Upper
94 100
65 34.4 14.8 54.8
66 50.6 25.2 65.2

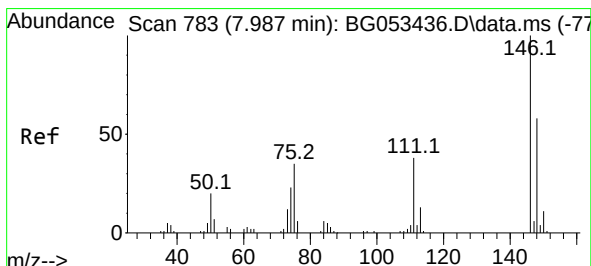
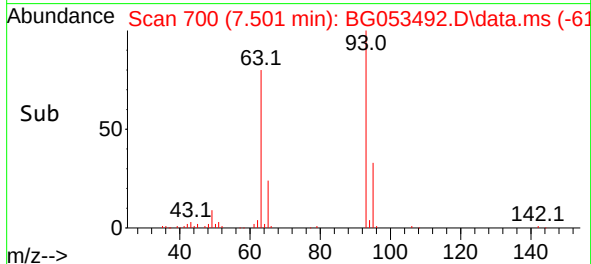
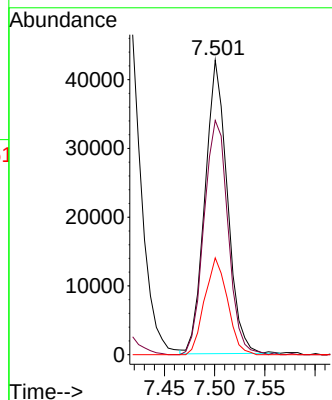
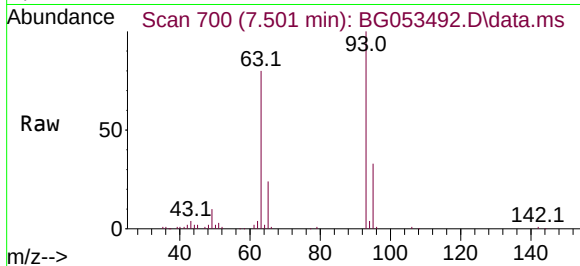




#11
bis(2-Chloroethyl)ether
Concen: 39.853 ng
RT: 7.501 min Scan# 702
Delta R.T. -0.011 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

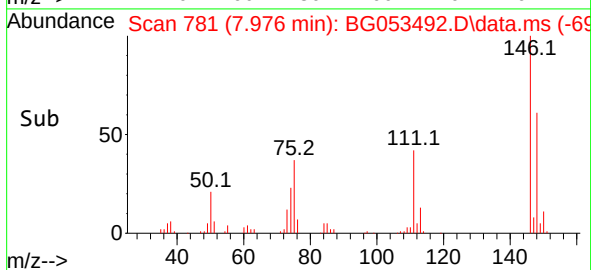
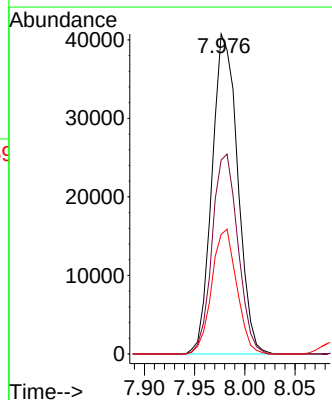
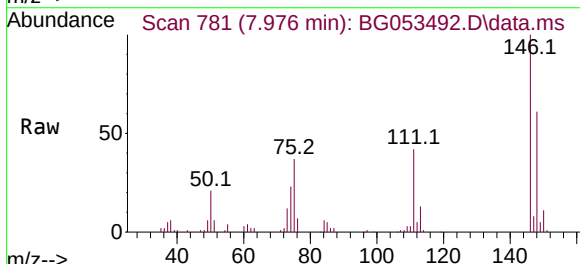
Instrument :
BNA_G
ClientSampleId :
PB144673BS

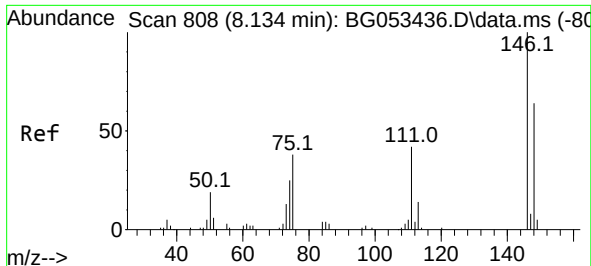
Tgt Ion: 93 Resp: 66380
Ion Ratio Lower Upper
93 100
63 79.6 63.6 103.6
95 32.9 10.1 50.1



#12
1,3-Dichlorobenzene
Concen: 39.102 ng
RT: 7.976 min Scan# 781
Delta R.T. -0.011 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

Tgt Ion: 146 Resp: 72556
Ion Ratio Lower Upper
146 100
148 60.6 46.1 69.1
75 37.4 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 39.722 ng

RT: 8.123 min Scan# 80

Delta R.T. -0.011 min

Lab File: BG053492.D

Acq: 9 May 2022 14:24

Instrument :

BNA_G

ClientSampleId :

PB144673BS

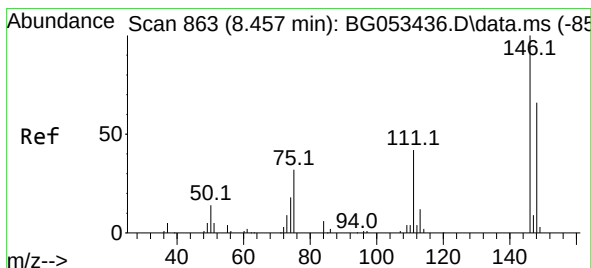
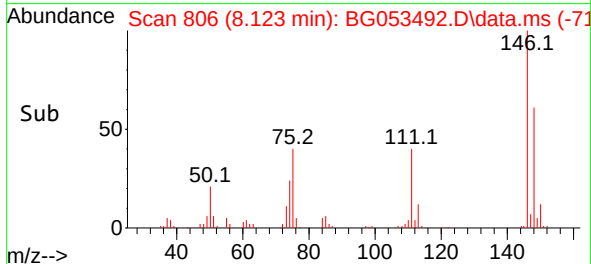
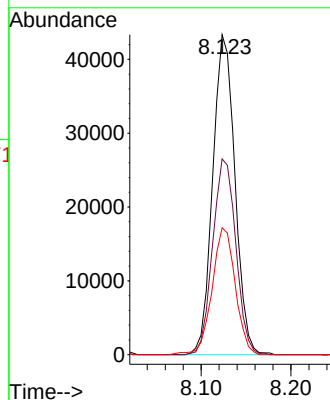
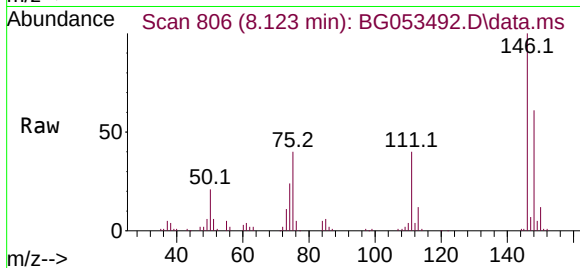
Tgt Ion:146 Resp: 74378

Ion Ratio Lower Upper

146 100

148 61.2 51.5 77.3

111 39.7 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 40.587 ng

RT: 8.446 min Scan# 861

Delta R.T. -0.011 min

Lab File: BG053492.D

Acq: 9 May 2022 14:24

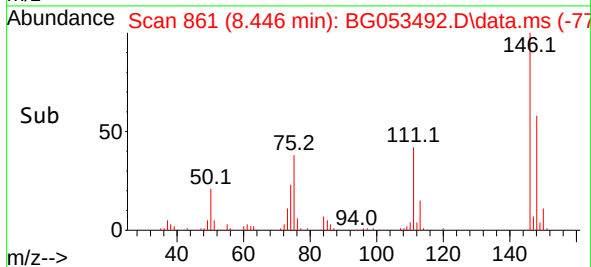
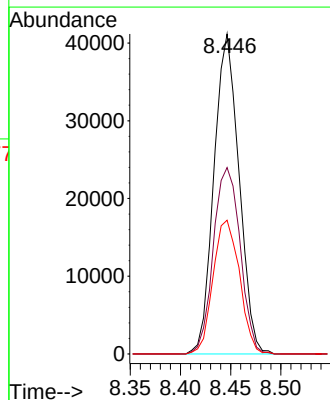
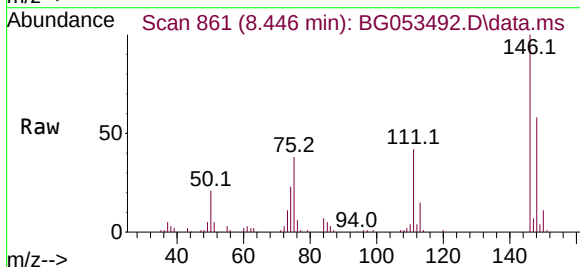
Tgt Ion:146 Resp: 71366

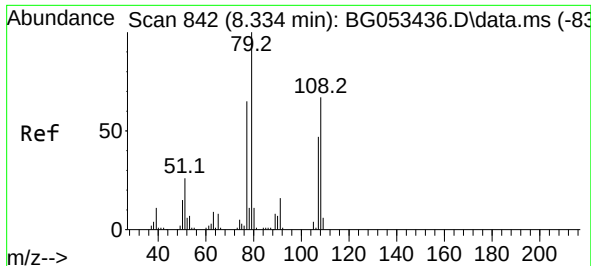
Ion Ratio Lower Upper

146 100

148 58.3 52.6 78.8

111 41.8 34.5 51.7

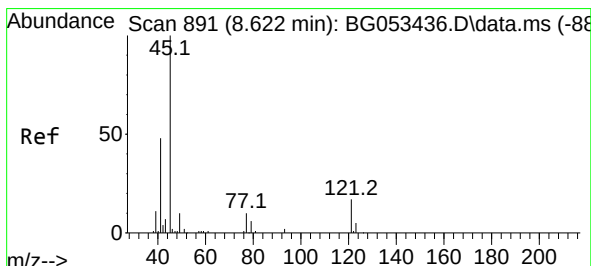
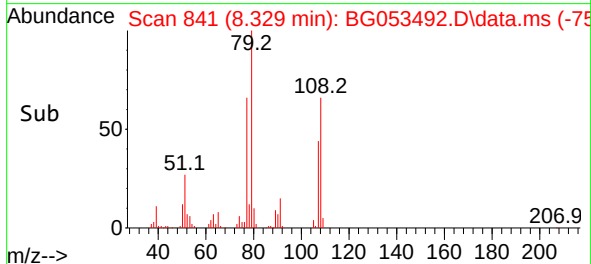
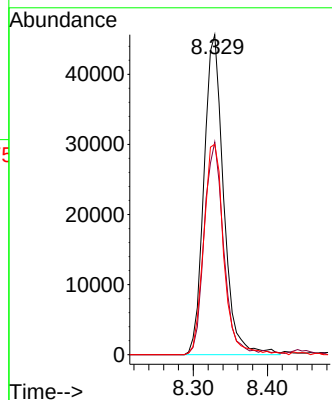
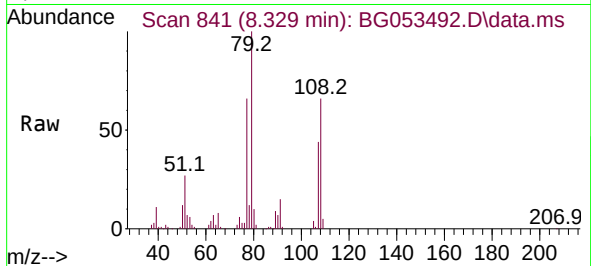




#15
Benzyl Alcohol
Concen: 43.910 ng
RT: 8.329 min Scan# 841
Delta R.T. -0.005 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

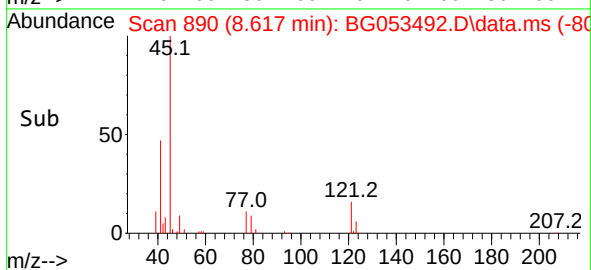
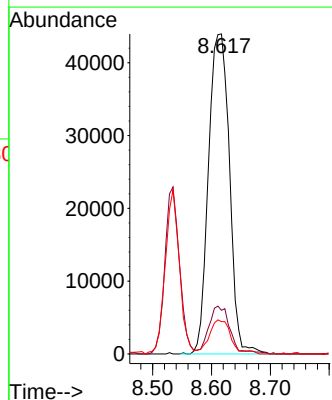
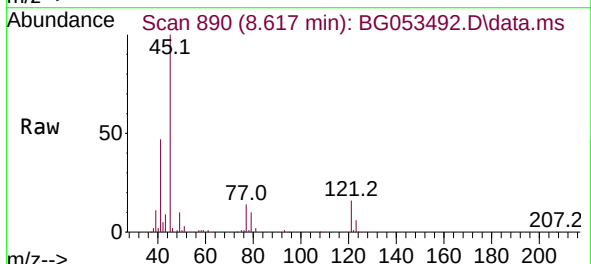
Instrument :
BNA_G
ClientSampleId :
PB144673BS

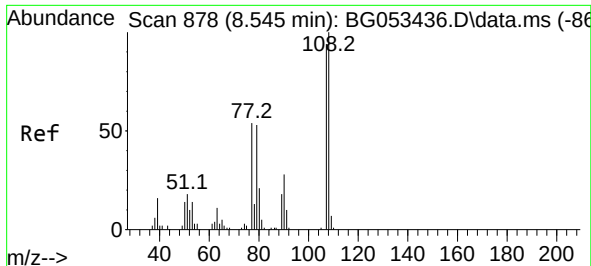
Tgt Ion: 79 Resp: 83826
Ion Ratio Lower Upper
79 100
108 66.4 53.7 80.5
77 65.8 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.164 ng
RT: 8.617 min Scan# 890
Delta R.T. -0.005 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

Tgt Ion: 45 Resp: 108879
Ion Ratio Lower Upper
45 100
77 13.6 0.0 32.7
79 10.1 0.0 29.7

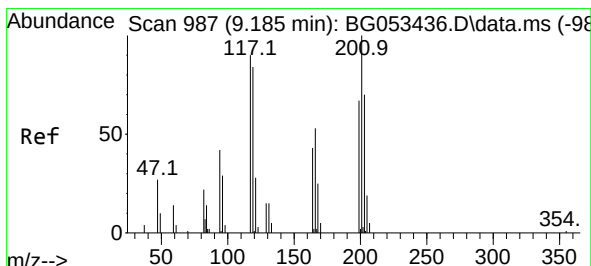
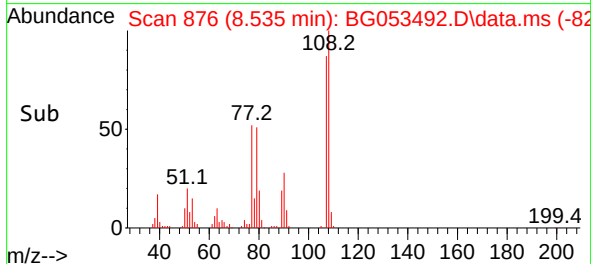
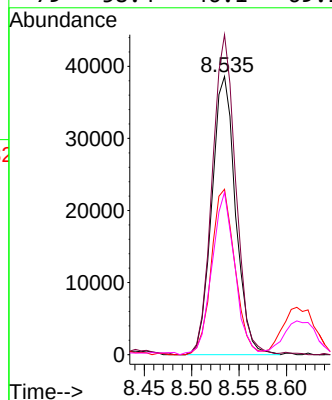
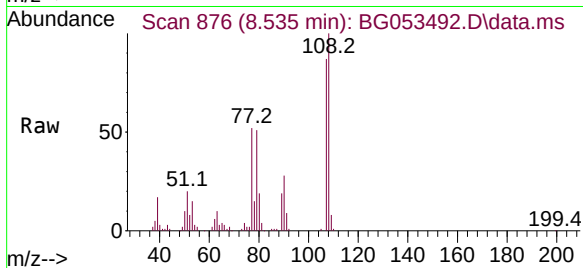




#17
2-Methylphenol
Concen: 44.611 ng
RT: 8.535 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

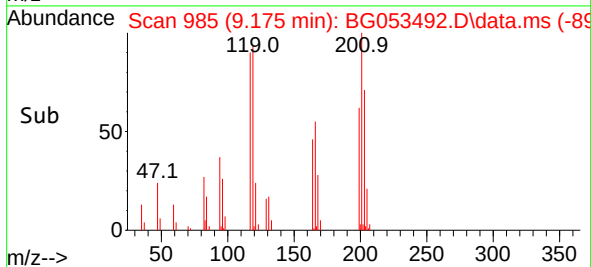
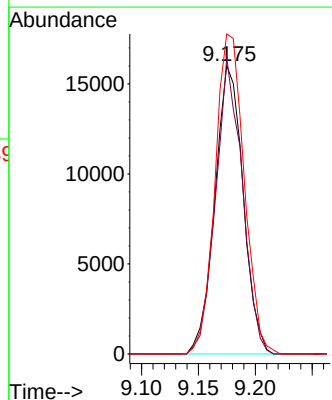
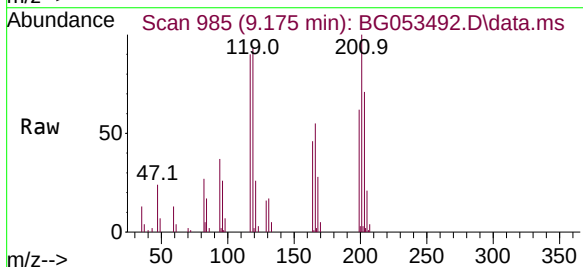
Instrument :
BNA_G
ClientSampleId :
PB144673BS

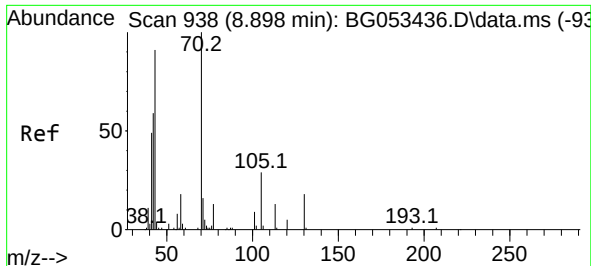
Tgt Ion:107 Resp: 67338
Ion Ratio Lower Upper
107 100
108 115.0 85.4 128.0
77 59.5 46.2 69.2
79 58.4 46.1 69.1



#18
Hexachloroethane
Concen: 38.839 ng
RT: 9.175 min Scan# 985
Delta R.T. -0.011 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

Tgt Ion:117 Resp: 27617
Ion Ratio Lower Upper
117 100
119 102.7 75.0 112.6
201 111.0 89.0 133.6

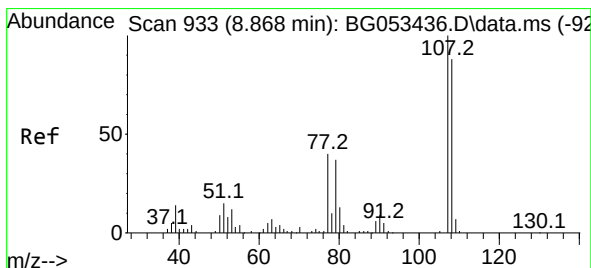
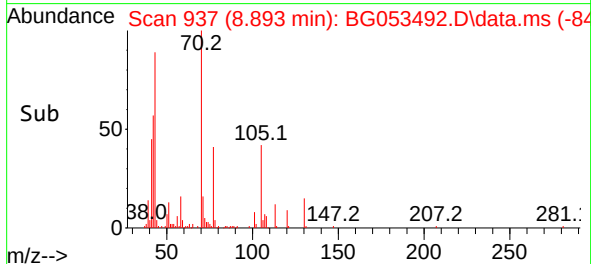
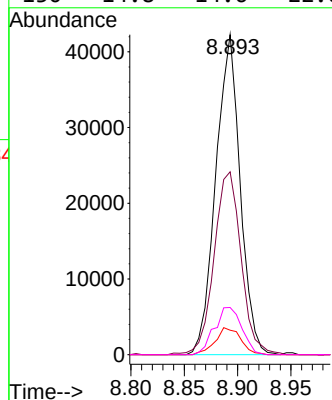
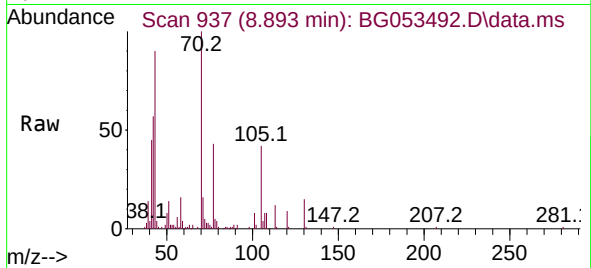




#19
n-Nitroso-di-n-propylamine
Concen: 41.015 ng
RT: 8.893 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

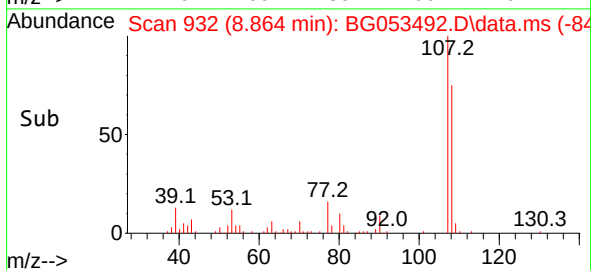
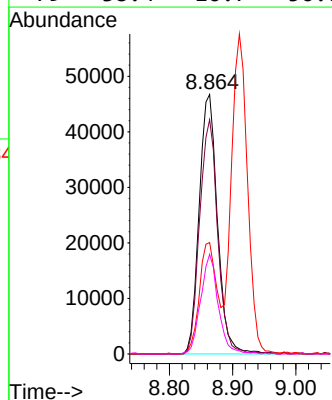
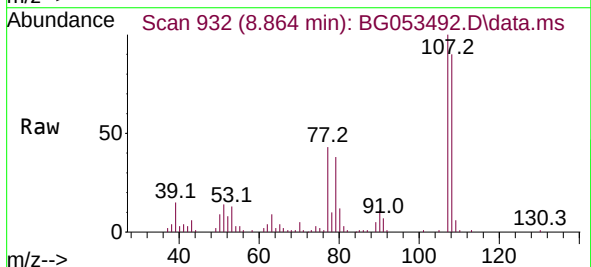
Instrument :
BNA_G
ClientSampleId :
PB144673BS

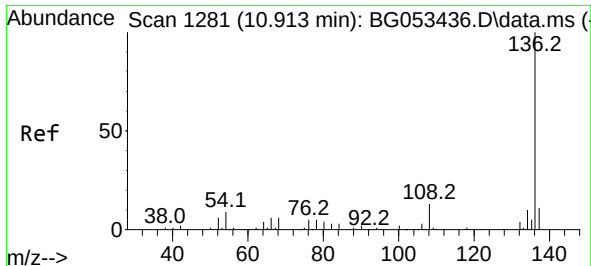
Tgt Ion: 70 Resp: 67197
Ion Ratio Lower Upper
70 100
42 57.1 47.3 70.9
101 7.6 7.0 10.4
130 14.8 14.6 22.0



#20
3+4-Methylphenols
Concen: 44.097 ng
RT: 8.864 min Scan# 932
Delta R.T. -0.005 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

Tgt Ion: 107 Resp: 94008
Ion Ratio Lower Upper
107 100
108 90.2 67.5 107.5
77 42.9 20.3 60.3
79 38.4 16.7 56.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.902 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

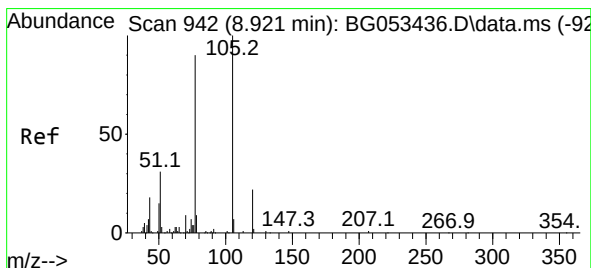
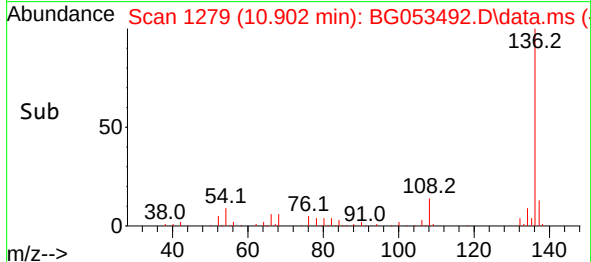
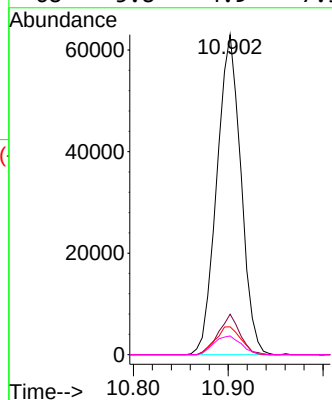
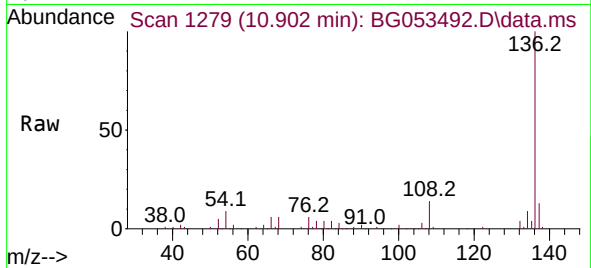
Instrument :

BNA_G

ClientSampleId :

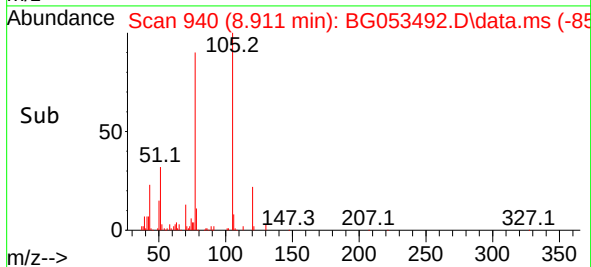
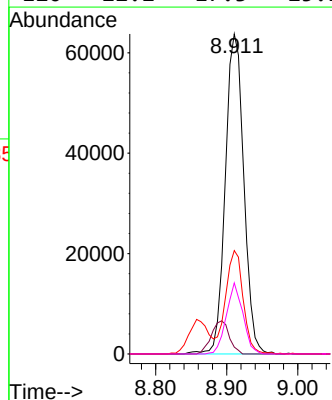
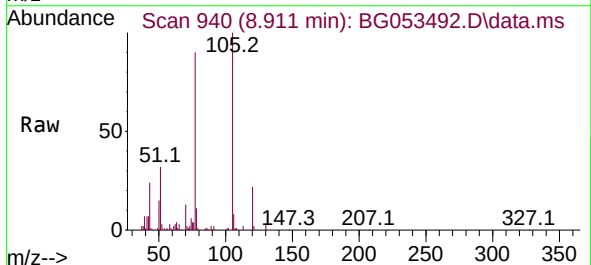
PB144673BS

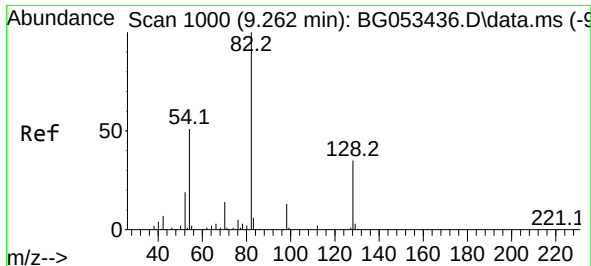
Tgt Ion:136 Resp: 111075
Ion Ratio Lower Upper
136 100
137 12.7 8.5 12.7
54 8.7 7.4 11.2
68 5.8 4.9 7.3



#22
Acetophenone
Concen: 37.768 ng
RT: 8.911 min Scan# 940
Delta R.T. -0.010 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

Tgt Ion:105 Resp: 114813
Ion Ratio Lower Upper
105 100
71 2.2 1.1 1.7#
51 32.3 25.4 38.0
120 22.2 17.3 25.9





#23

Nitrobenzene-d5

Concen: 76.566 ng

RT: 9.251 min Scan# 91

Delta R.T. -0.011 min

Lab File: BG053492.D

Acq: 9 May 2022 14:24

Instrument :

BNA_G

ClientSampleId :

PB144673BS

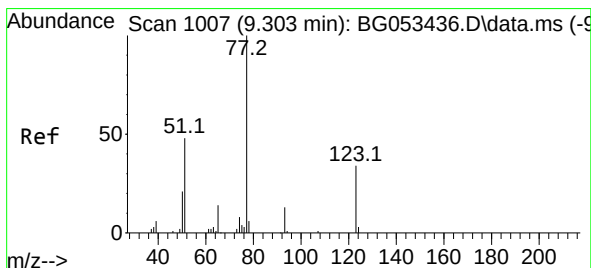
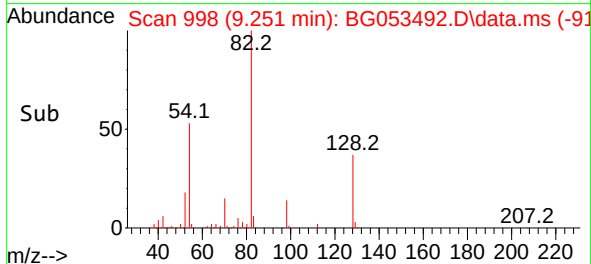
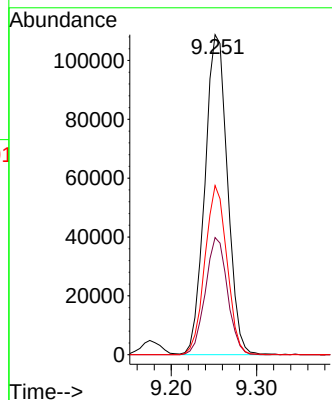
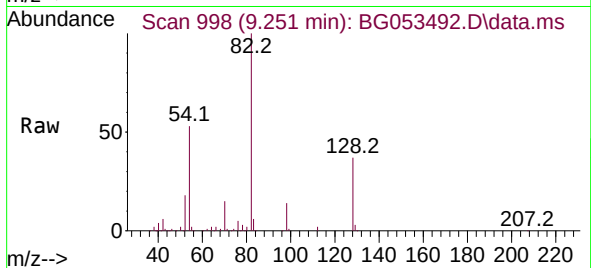
Tgt Ion: 82 Resp: 199785

Ion Ratio Lower Upper

82 100

128 36.6 27.9 41.9

54 52.9 41.2 61.8



#24

Nitrobenzene

Concen: 40.692 ng

RT: 9.292 min Scan# 1005

Delta R.T. -0.011 min

Lab File: BG053492.D

Acq: 9 May 2022 14:24

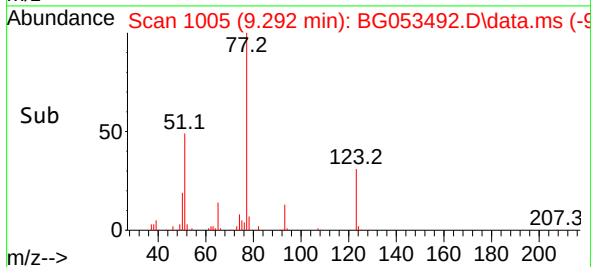
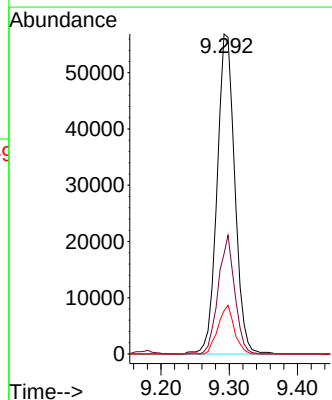
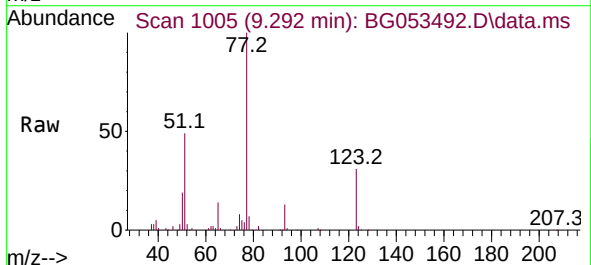
Tgt Ion: 77 Resp: 102767

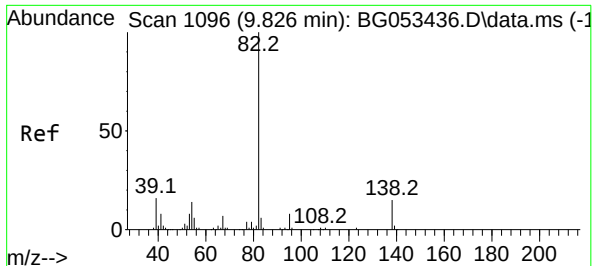
Ion Ratio Lower Upper

77 100

123 31.3 27.4 41.0

65 13.5 11.4 17.0

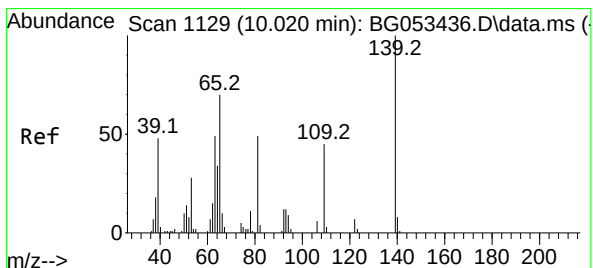
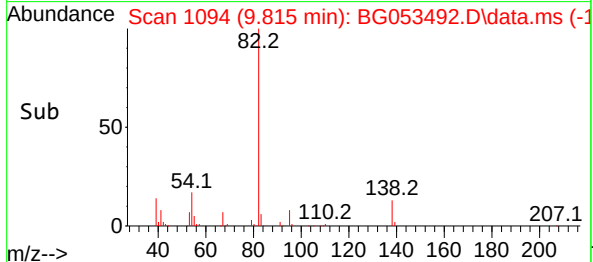
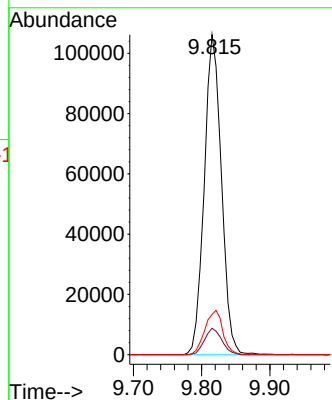
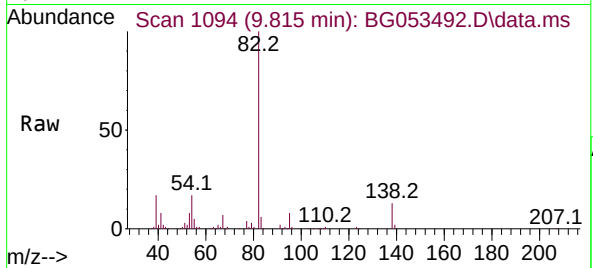




#25
Isophorone
Concen: 42.351 ng
RT: 9.815 min Scan# 1094
Delta R.T. -0.011 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

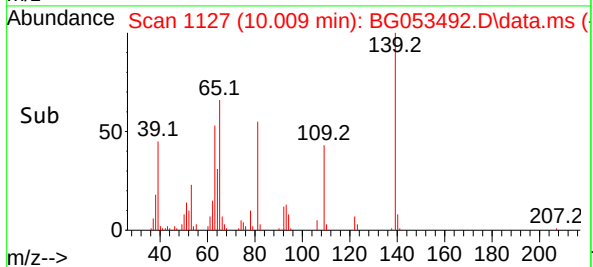
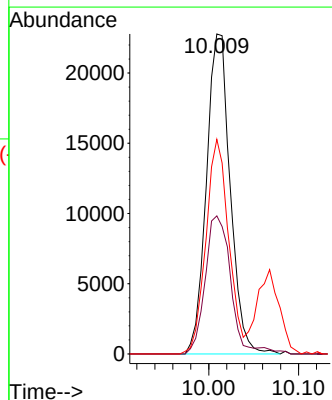
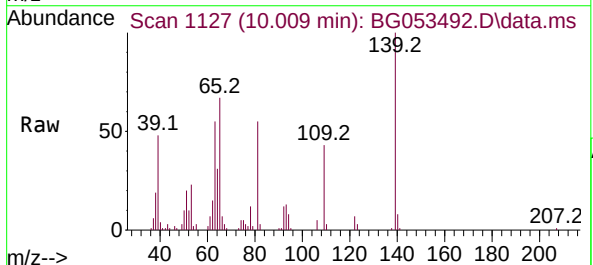
Instrument :
BNA_G
ClientSampleId :
PB144673BS

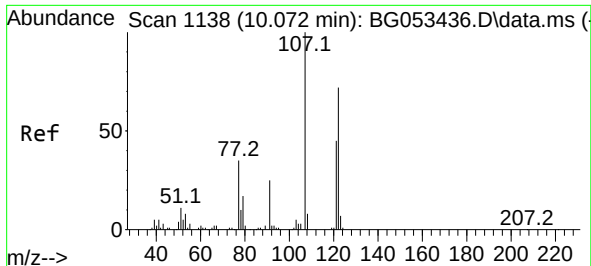
Tgt Ion: 82 Resp: 185980
Ion Ratio Lower Upper
82 100
95 8.2 6.2 9.4
138 12.6 11.6 17.4



#26
2-Nitrophenol
Concen: 40.957 ng
RT: 10.009 min Scan# 1127
Delta R.T. -0.011 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

Tgt Ion: 139 Resp: 41894
Ion Ratio Lower Upper
139 100
109 43.2 36.1 54.1
65 67.1 55.8 83.6

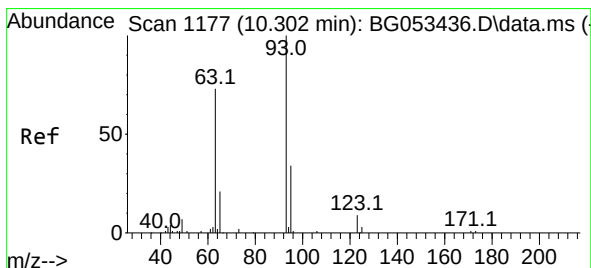
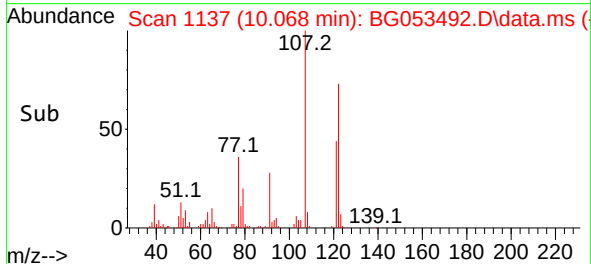
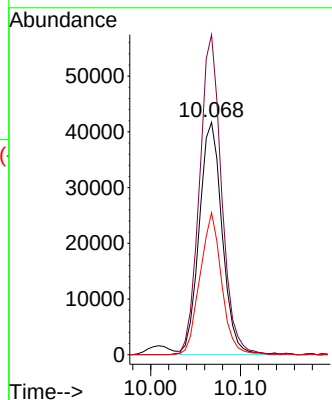
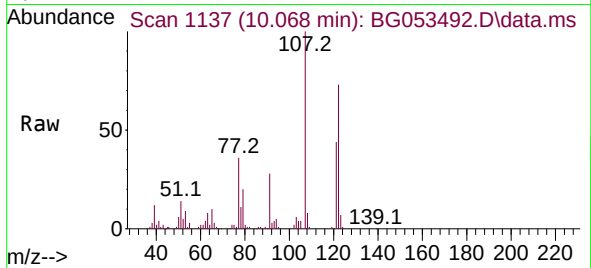




#27
2,4-Dimethylphenol
Concen: 47.941 ng
RT: 10.068 min Scan# 1137
Delta R.T. -0.005 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

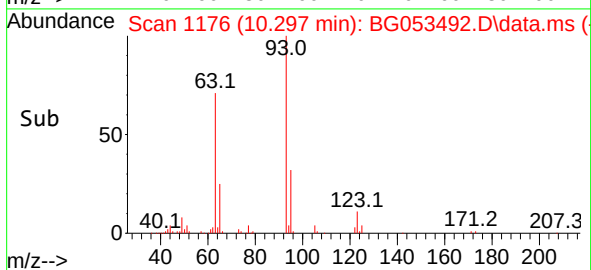
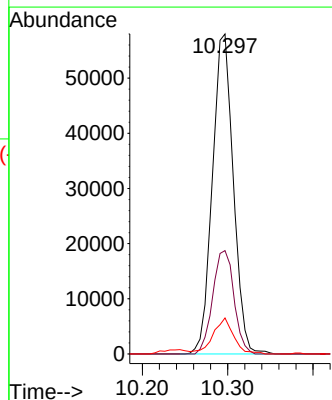
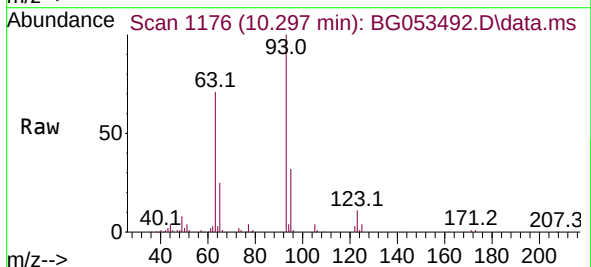
Instrument :
BNA_G
ClientSampleId :
PB144673BS

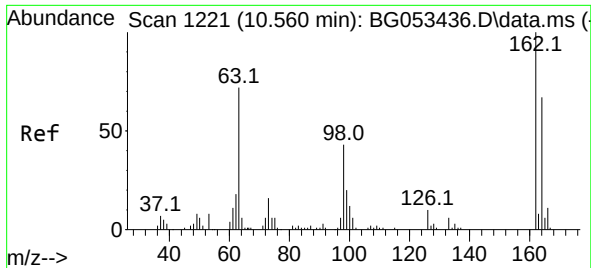
Tgt Ion:122 Resp: 73798
Ion Ratio Lower Upper
122 100
107 137.7 109.4 164.0
121 61.1 48.7 73.1



#28
bis(2-Chloroethoxy)methane
Concen: 39.043 ng
RT: 10.297 min Scan# 1176
Delta R.T. -0.005 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

Tgt Ion: 93 Resp: 98608
Ion Ratio Lower Upper
93 100
95 32.3 26.9 40.3
123 11.3 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 43.283 ng

RT: 10.549 min Scan# 11

Delta R.T. -0.011 min

Lab File: BG053492.D

Acq: 9 May 2022 14:24

Instrument :

BNA_G

ClientSampleId :

PB144673BS

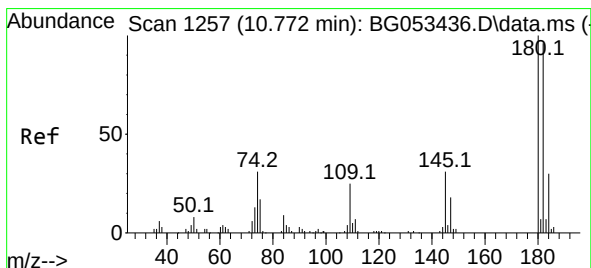
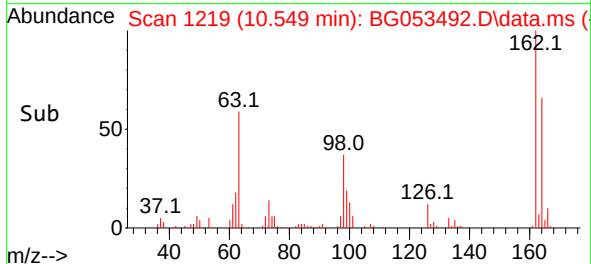
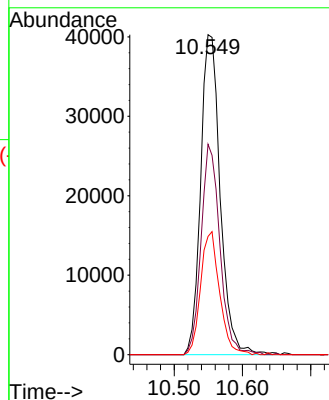
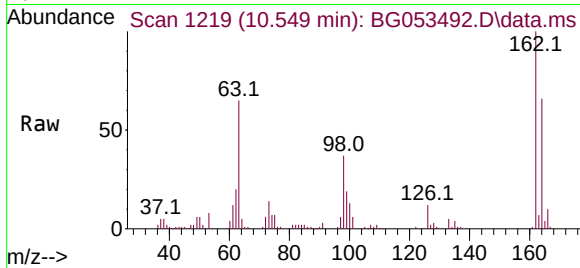
Tgt Ion:162 Resp: 80413

Ion Ratio Lower Upper

162 100

164 65.8 46.6 86.6

98 36.9 22.8 62.8



#30

1,2,4-Trichlorobenzene

Concen: 38.686 ng

RT: 10.761 min Scan# 1255

Delta R.T. -0.011 min

Lab File: BG053492.D

Acq: 9 May 2022 14:24

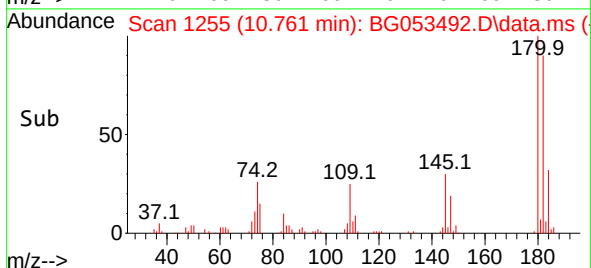
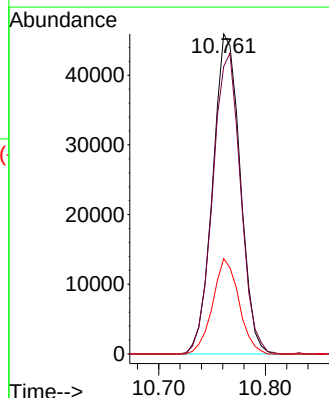
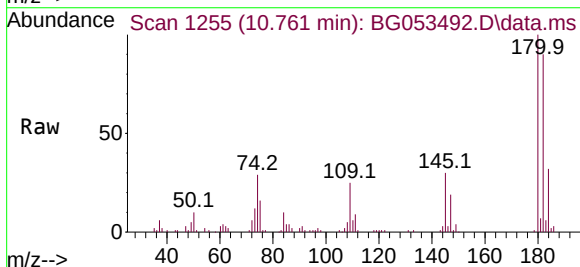
Tgt Ion:180 Resp: 81661

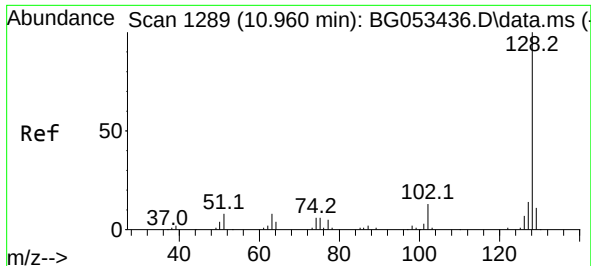
Ion Ratio Lower Upper

180 100

182 89.9 76.6 115.0

145 29.8 25.0 37.4

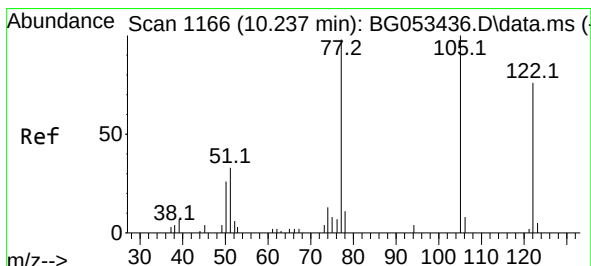
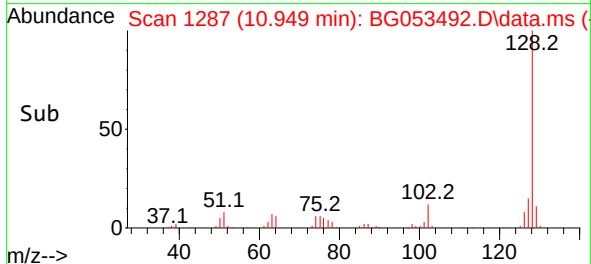
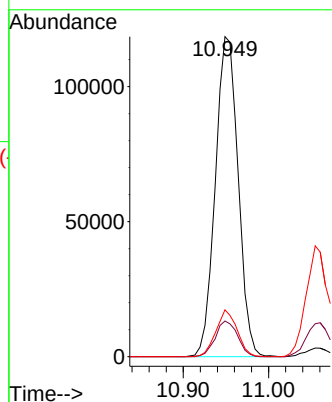
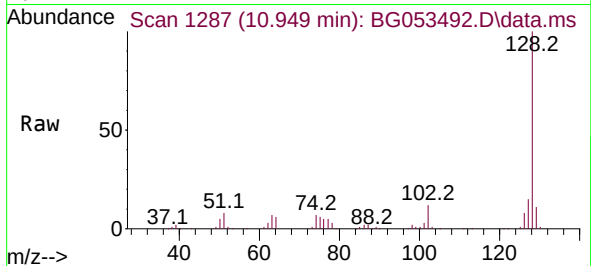




#31
Naphthalene
Concen: 39.020 ng
RT: 10.949 min Scan# 1287
Delta R.T. -0.011 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

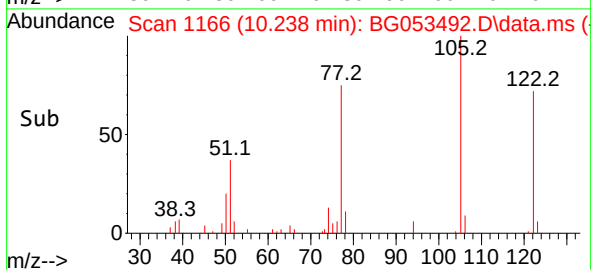
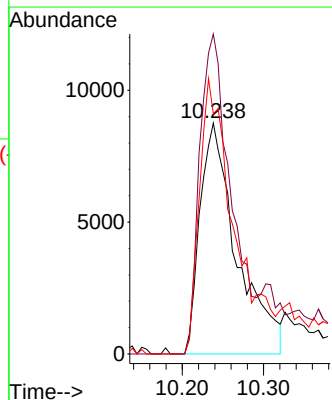
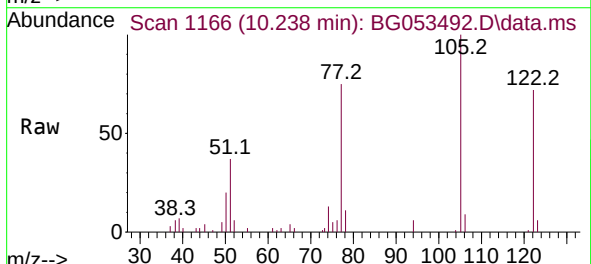
Instrument :
BNA_G
ClientSampleId :
PB144673BS

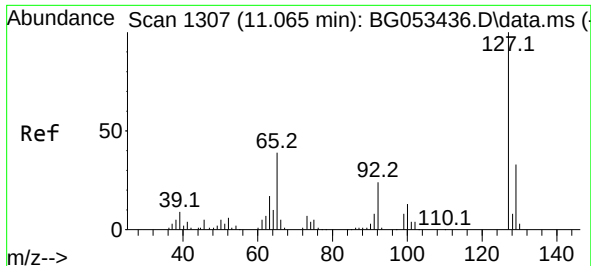
Tgt Ion:128 Resp: 220469
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 14.7 11.1 16.7



#32
Benzoic acid
Concen: 31.984 ng
RT: 10.238 min Scan# 1166
Delta R.T. 0.001 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

Tgt Ion:122 Resp: 27467
Ion Ratio Lower Upper
122 100
105 138.6 111.8 151.8
77 104.0 109.4 149.4#

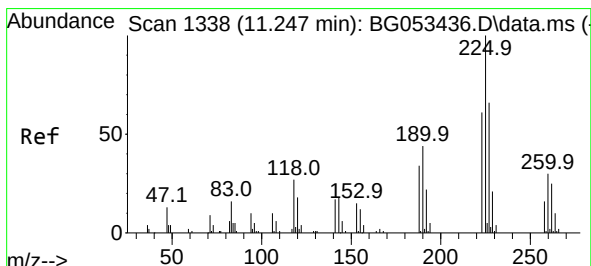
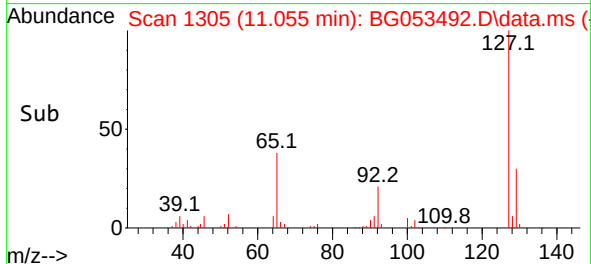
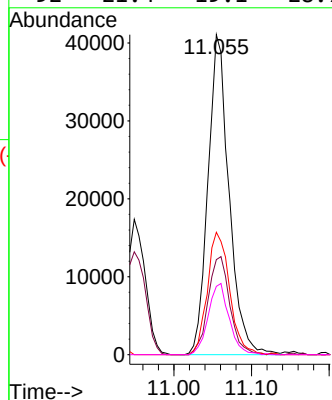
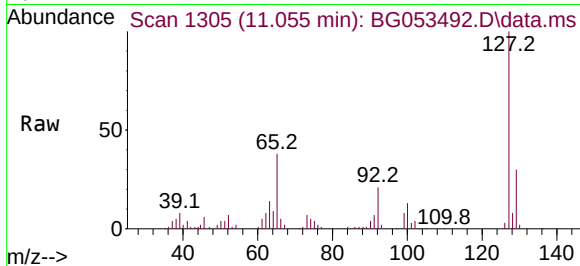




#33
4-Chloroaniline
Concen: 32.843 ng
RT: 11.055 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

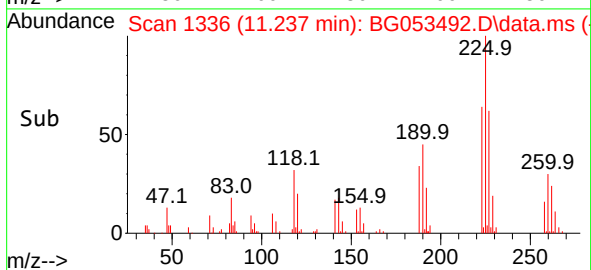
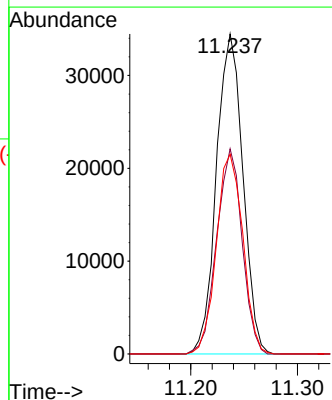
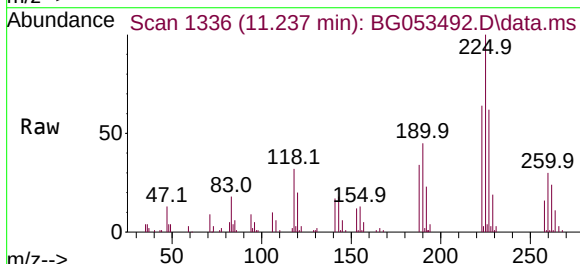
Instrument :
BNA_G
ClientSampleId :
PB144673BS

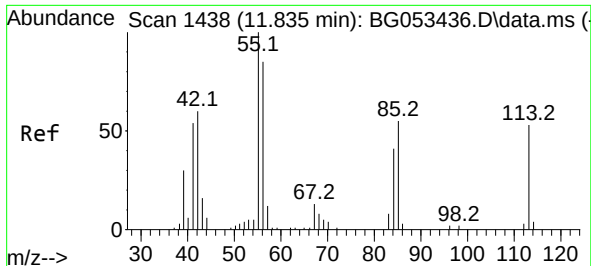
Tgt Ion:127	Resp:	77715
Ion Ratio	Lower	Upper
127	100	
129	29.7	26.3 39.5
65	38.3	31.1 46.7
92	21.4	19.1 28.7



#34
Hexachlorobutadiene
Concen: 37.909 ng
RT: 11.237 min Scan# 1336
Delta R.T. -0.011 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

Tgt Ion:225	Resp:	59337
Ion Ratio	Lower	Upper
225	100	
223	64.1	48.9 73.3
227	62.4	52.8 79.2

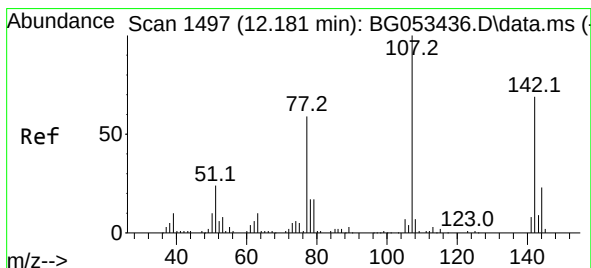
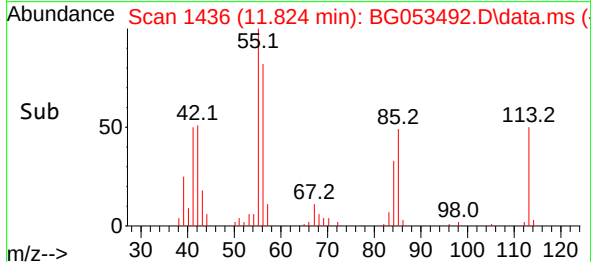
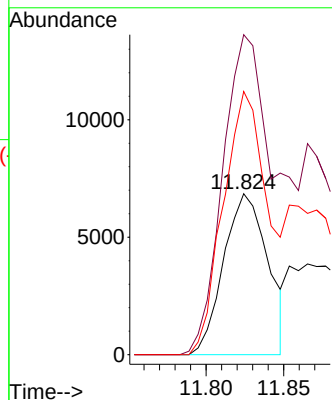
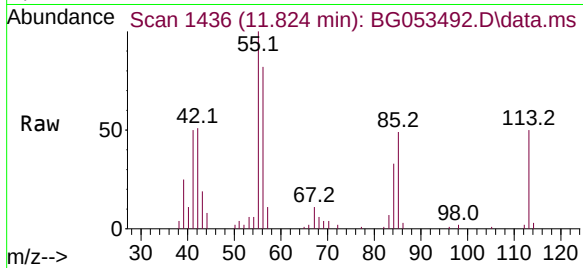




#35
Caprolactam
Concen: 20.108 ng
RT: 11.824 min Scan# 1436
Delta R.T. -0.011 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

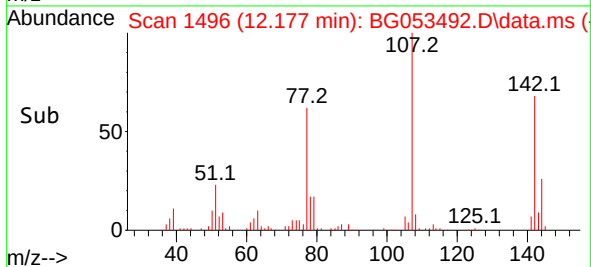
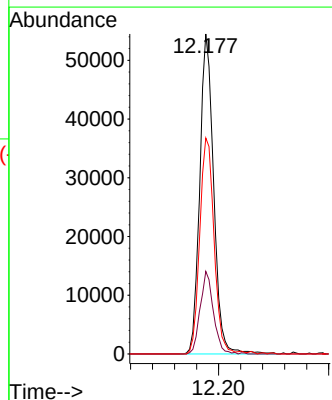
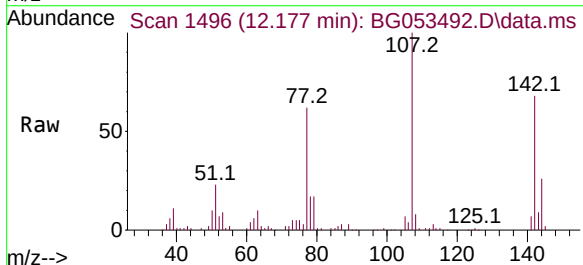
Instrument :
BNA_G
ClientSampleId :
PB144673BS

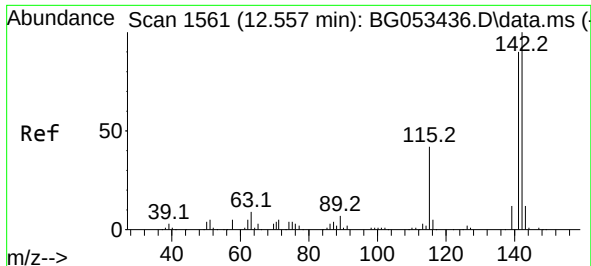
Tgt Ion:113 Resp: 13576
Ion Ratio Lower Upper
113 100
55 198.8 169.8 209.8
56 163.4 141.2 181.2



#36
4-Chloro-3-methylphenol
Concen: 43.029 ng
RT: 12.177 min Scan# 1496
Delta R.T. -0.005 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

Tgt Ion:107 Resp: 95625
Ion Ratio Lower Upper
107 100
144 25.8 18.5 27.7
142 67.5 55.0 82.4





#37

2-Methylnaphthalene

Concen: 39.053 ng

RT: 12.547 min Scan# 1

Delta R.T. -0.011 min

Lab File: BG053492.D

Acq: 9 May 2022 14:24

Instrument :

BNA_G

ClientSampleId :

PB144673BS

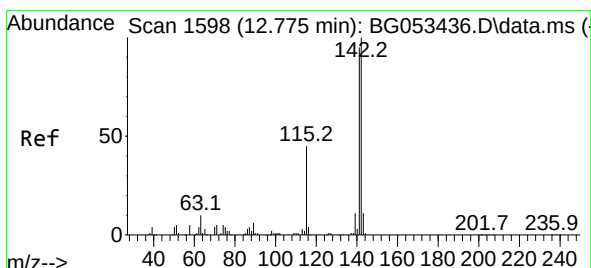
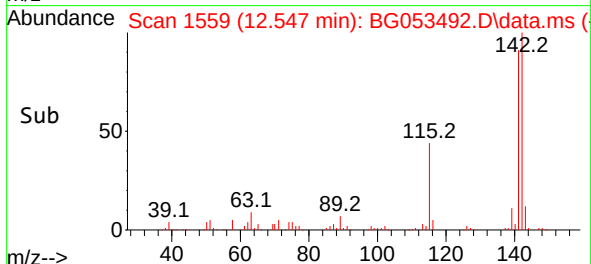
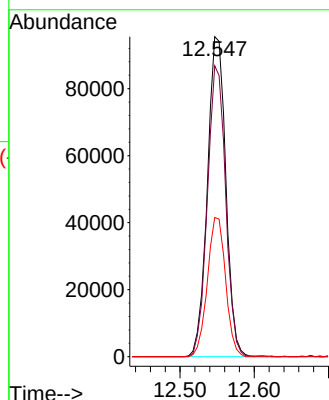
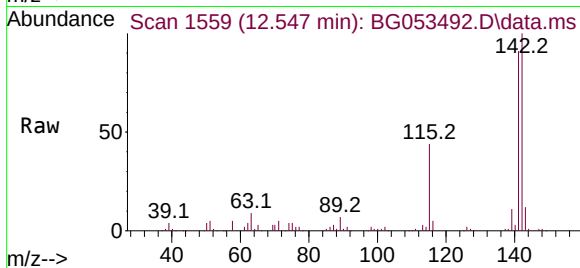
Tgt Ion:142 Resp: 164670

Ion Ratio Lower Upper

142 100

141 90.9 72.3 108.5

115 43.5 33.7 50.5



#38

1-Methylnaphthalene

Concen: 40.027 ng

RT: 12.547 min Scan# 1559

Delta R.T. -0.228 min

Lab File: BG053492.D

Acq: 9 May 2022 14:24

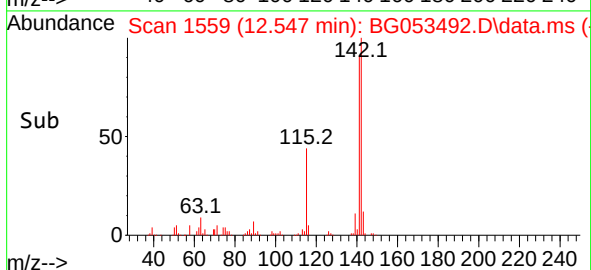
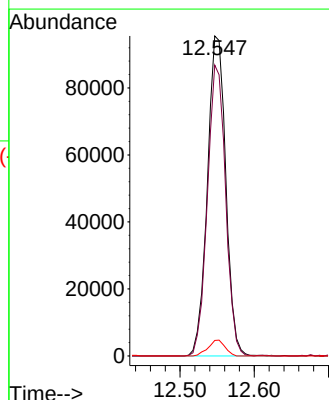
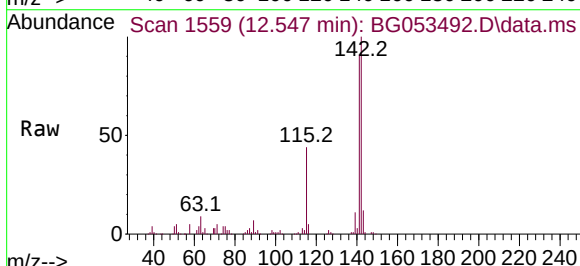
Tgt Ion:142 Resp: 164670

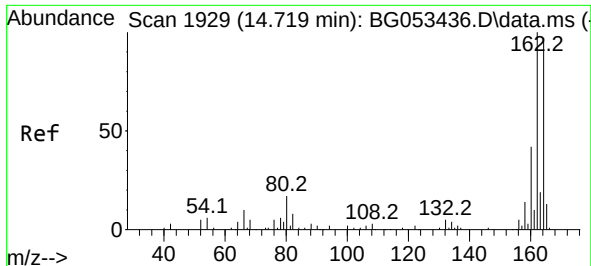
Ion Ratio Lower Upper

142 100

141 90.9 76.4 114.6

116 4.8 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.714 min Scan# 1928

Delta R.T. -0.005 min

Lab File: BG053492.D

Acq: 9 May 2022 14:24

Instrument :

BNA_G

ClientSampleId :

PB144673BS

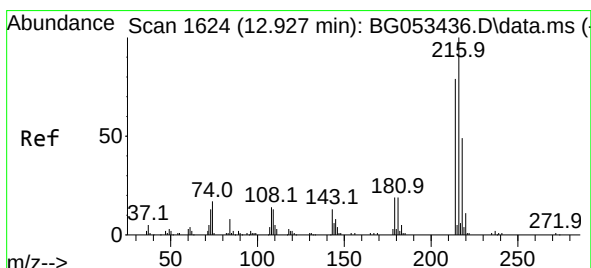
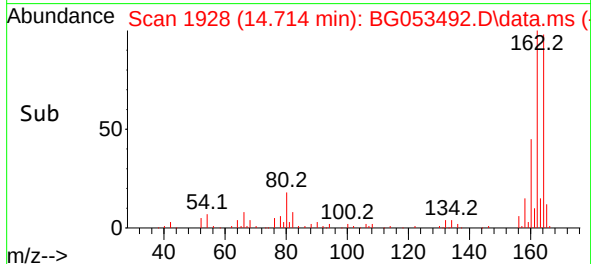
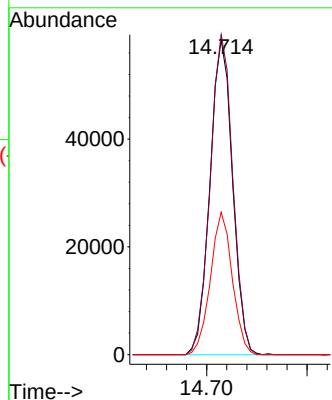
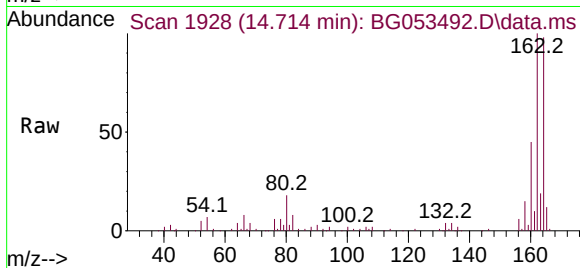
Tgt Ion:164 Resp: 91403

Ion Ratio Lower Upper

164 100

162 101.7 82.3 123.5

160 45.3 34.2 51.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.570 ng

RT: 12.917 min Scan# 1622

Delta R.T. -0.011 min

Lab File: BG053492.D

Acq: 9 May 2022 14:24

Tgt Ion:216 Resp: 108245

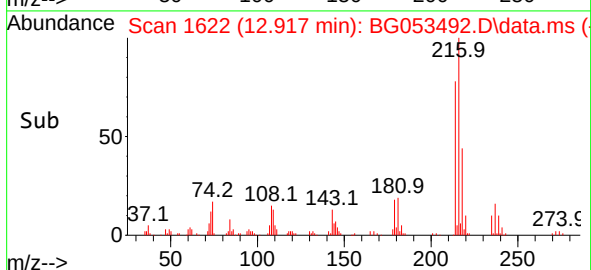
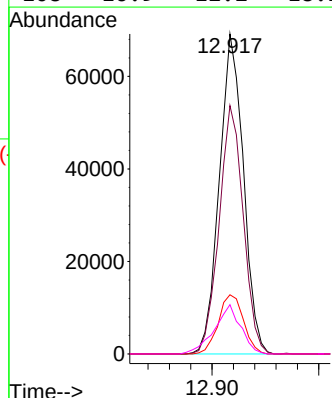
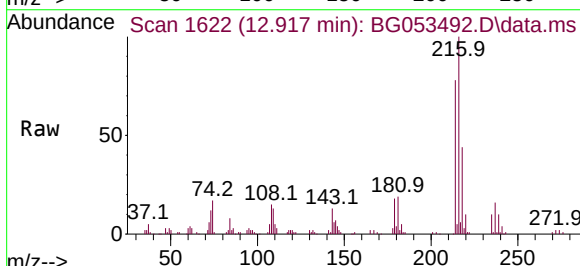
Ion Ratio Lower Upper

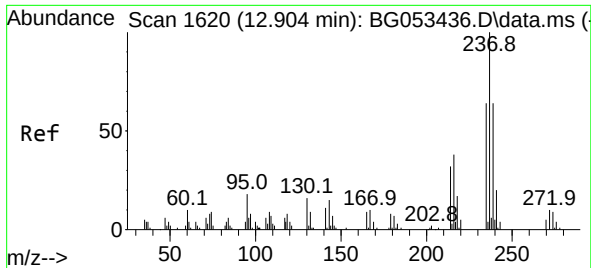
216 100

214 77.7 62.9 94.3

179 19.3 16.1 24.1

108 16.9 12.2 18.2

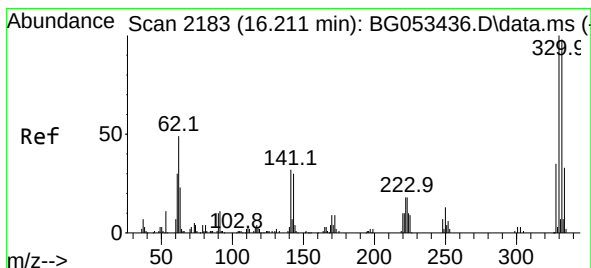
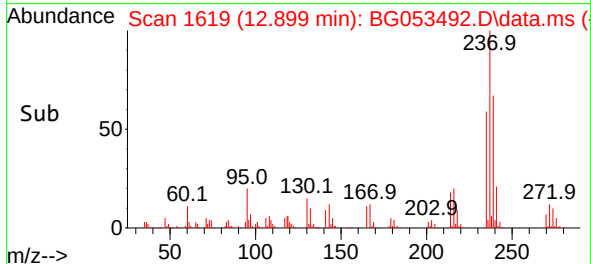
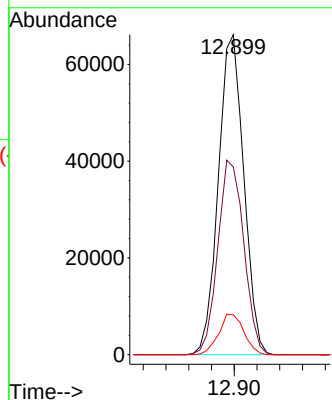
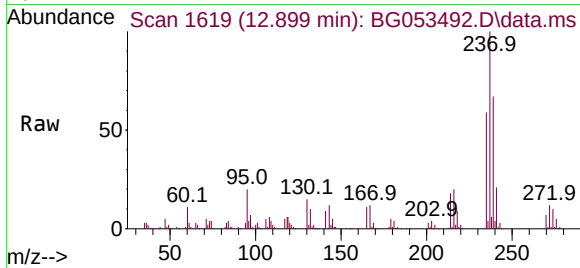




#41
Hexachlorocyclopentadiene
Concen: 86.665 ng
RT: 12.899 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

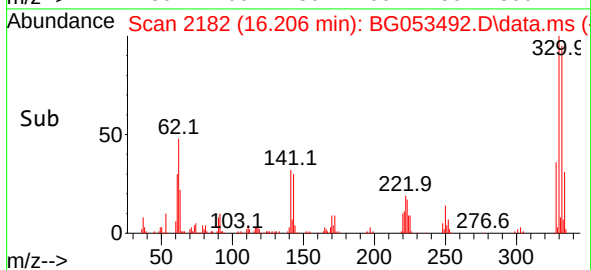
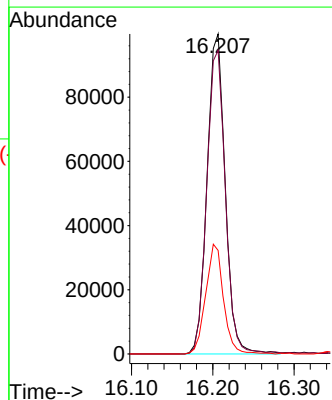
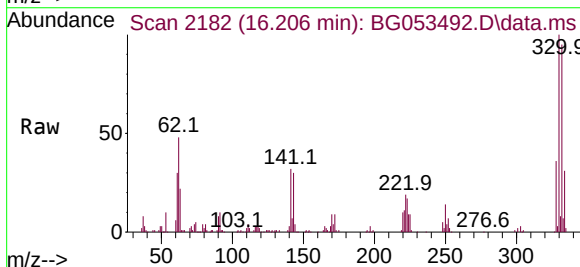
Instrument :
BNA_G
ClientSampleId :
PB144673BS

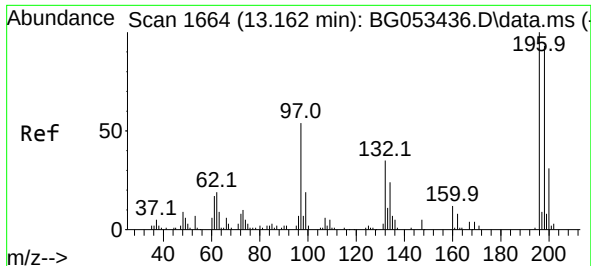
Tgt Ion:237 Resp: 102678
Ion Ratio Lower Upper
237 100
235 58.7 43.5 83.5
272 12.4 0.0 30.1



#42
2,4,6-Tribromophenol
Concen: 114.740 ng
RT: 16.206 min Scan# 2182
Delta R.T. -0.005 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

Tgt Ion:330 Resp: 154680
Ion Ratio Lower Upper
330 100
332 97.1 76.0 114.0
141 33.7 27.1 40.7





#43

2,4,6-Trichlorophenol

Concen: 38.591 ng

RT: 13.158 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG053492.D

Acq: 9 May 2022 14:24

Instrument :

BNA_G

ClientSampleId :

PB144673BS

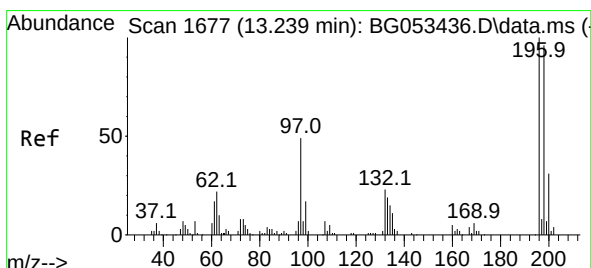
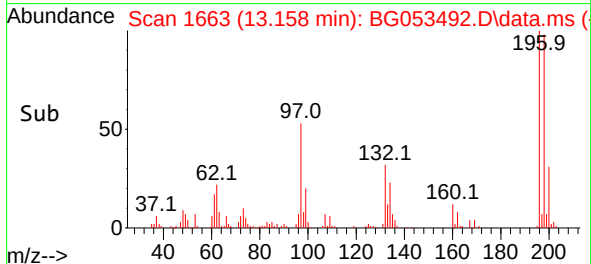
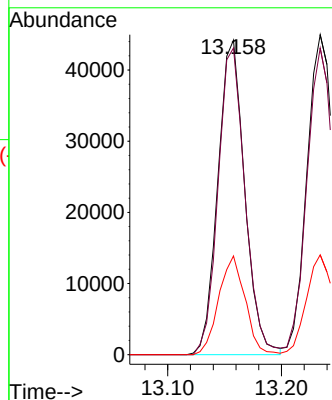
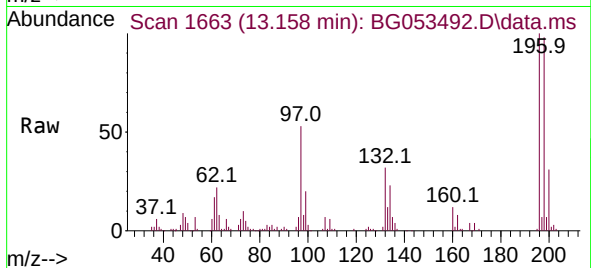
Tgt Ion:196 Resp: 72577

Ion Ratio Lower Upper

196 100

198 97.5 74.1 111.1

200 31.4 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 40.240 ng

RT: 13.234 min Scan# 1676

Delta R.T. -0.005 min

Lab File: BG053492.D

Acq: 9 May 2022 14:24

Tgt Ion:196 Resp: 80543

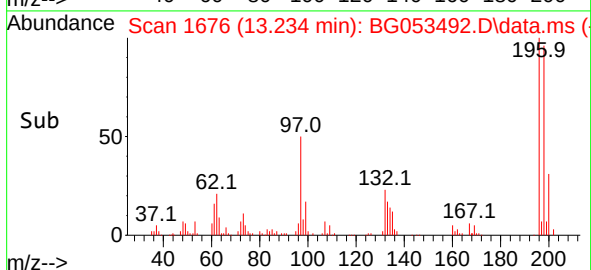
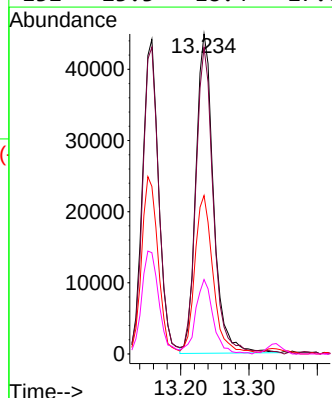
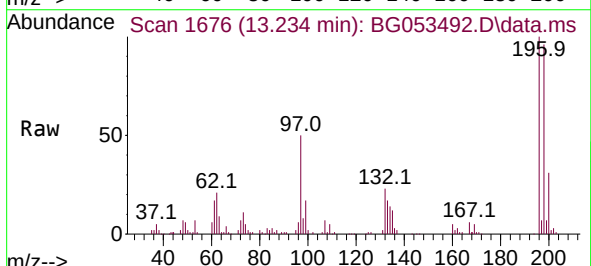
Ion Ratio Lower Upper

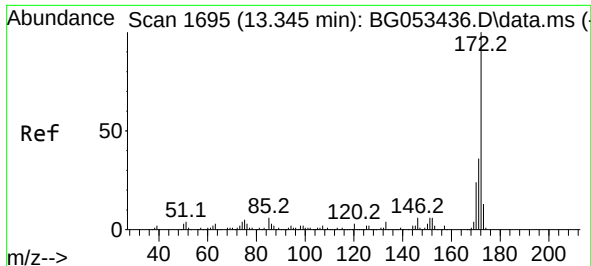
196 100

198 95.8 76.8 115.2

97 49.5 39.8 59.6

132 23.3 18.4 27.6

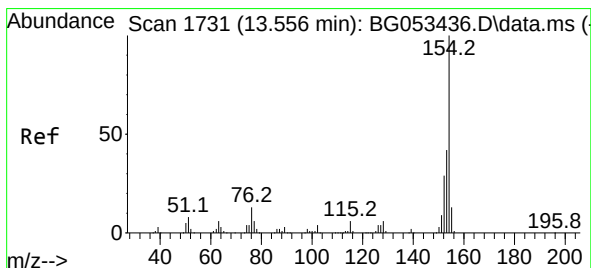
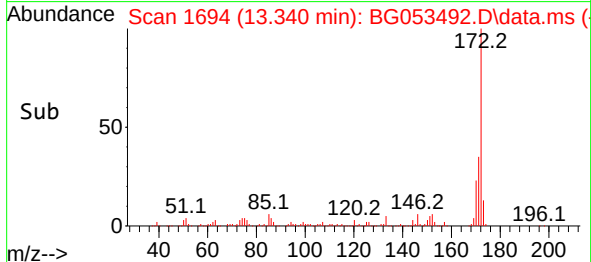
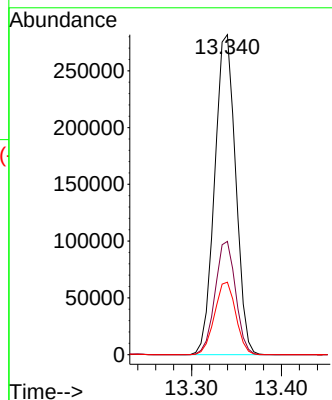
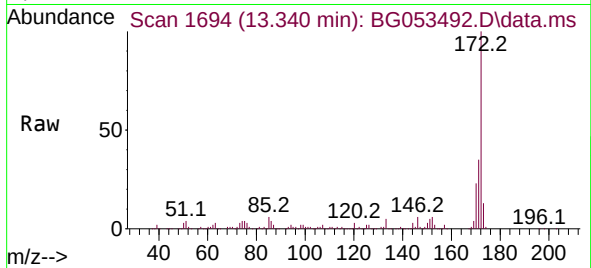




#45
2-Fluorobiphenyl
Concen: 73.022 ng
RT: 13.340 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

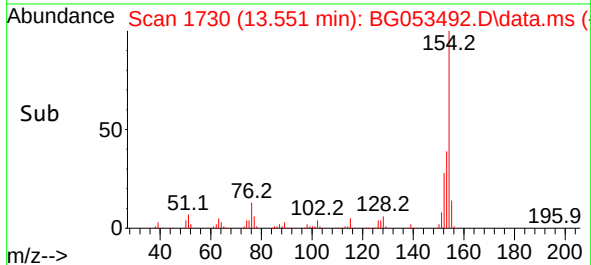
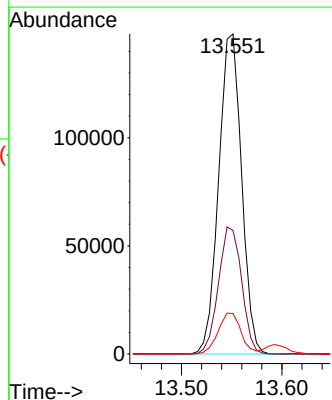
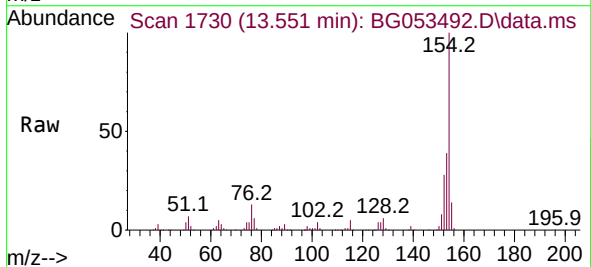
Instrument :
BNA_G
ClientSampleId :
PB144673BS

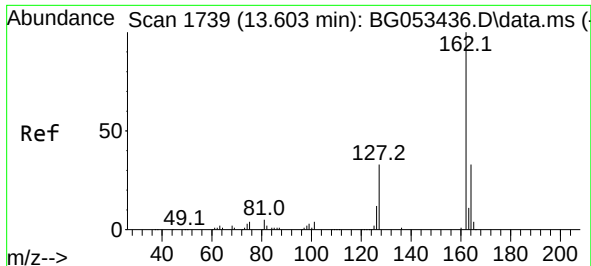
Tgt Ion:172 Resp: 456755
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 22.6 18.9 28.3



#46
1,1'-Biphenyl
Concen: 37.549 ng
RT: 13.551 min Scan# 1730
Delta R.T. -0.005 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

Tgt Ion:154 Resp: 233943
Ion Ratio Lower Upper
154 100
153 38.6 21.6 61.6
76 12.7 0.0 32.6

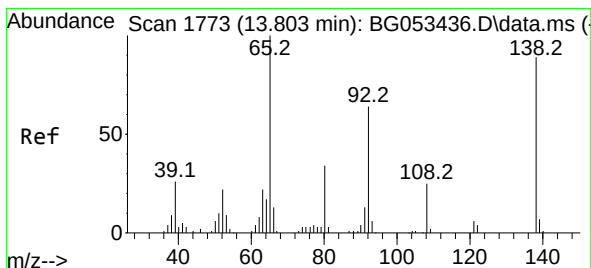
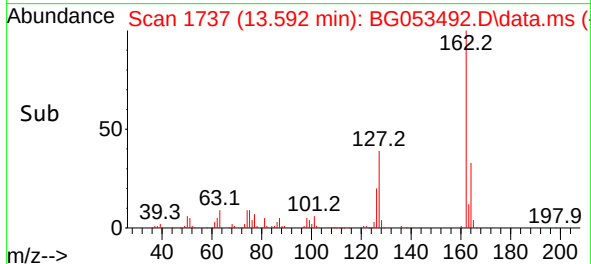
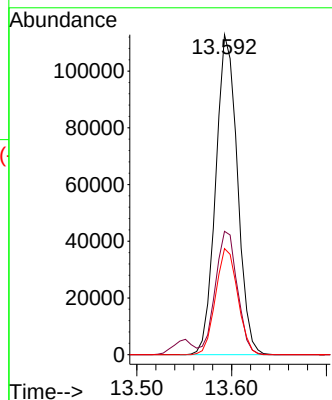
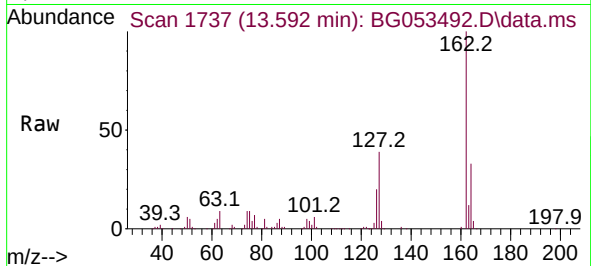




#47
2-Chloronaphthalene
Concen: 36.700 ng
RT: 13.592 min Scan# 1737
Delta R.T. -0.011 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

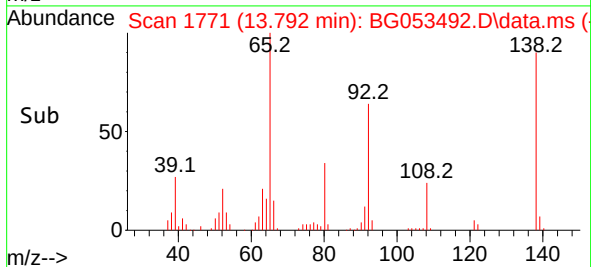
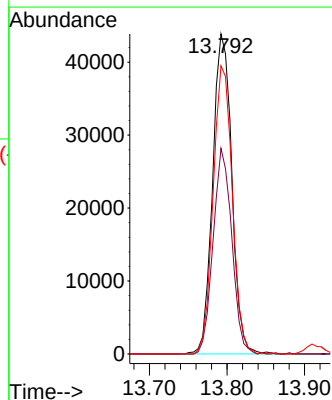
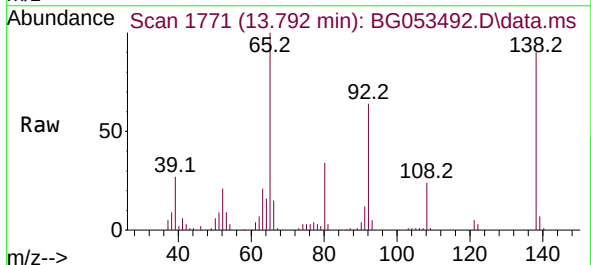
Instrument :
BNA_G
ClientSampleId :
PB144673BS

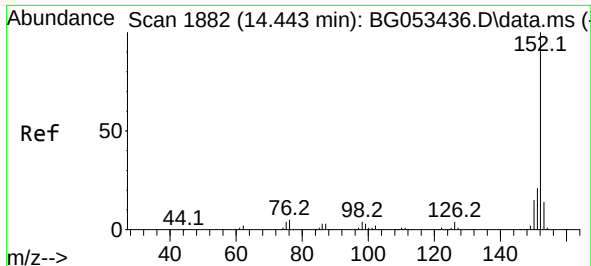
Tgt Ion:162 Resp: 179146
Ion Ratio Lower Upper
162 100
127 38.6 30.6 45.8
164 33.2 26.5 39.7



#48
2-Nitroaniline
Concen: 41.366 ng
RT: 13.792 min Scan# 1771
Delta R.T. -0.011 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

Tgt Ion: 65 Resp: 75240
Ion Ratio Lower Upper
65 100
92 64.3 51.5 77.3
138 90.0 71.3 106.9

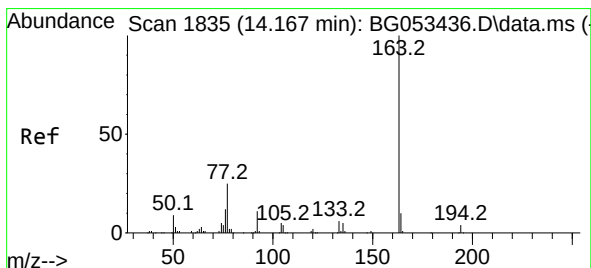
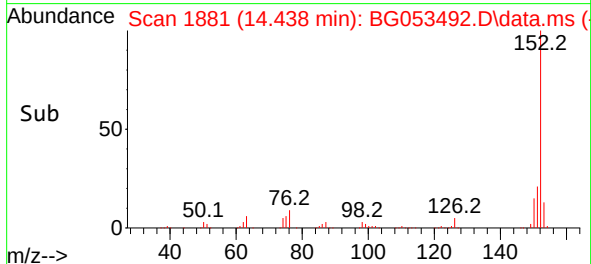
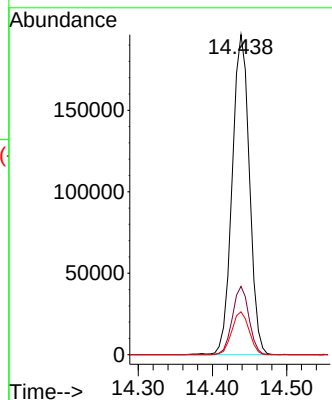
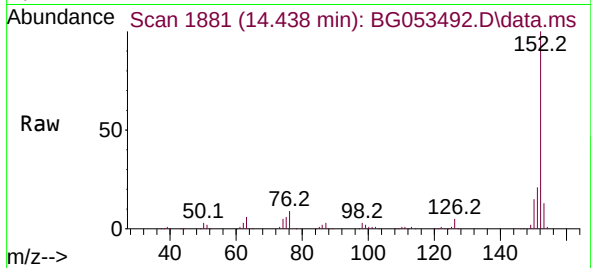




#49
Acenaphthylene
Concen: 40.704 ng
RT: 14.438 min Scan# 1881
Delta R.T. -0.005 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

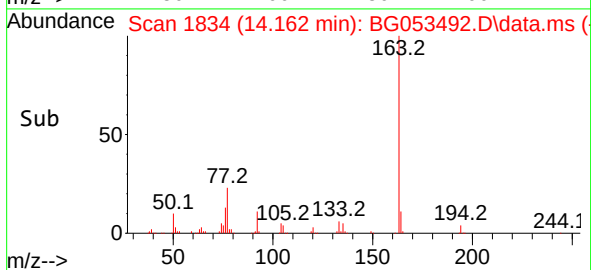
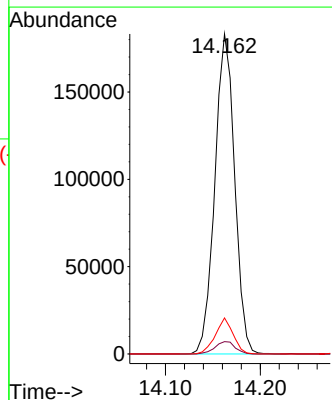
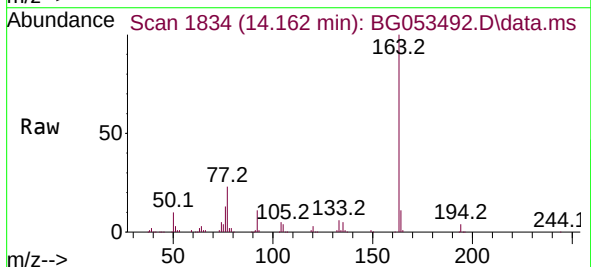
Instrument :
BNA_G
ClientSampleId :
PB144673BS

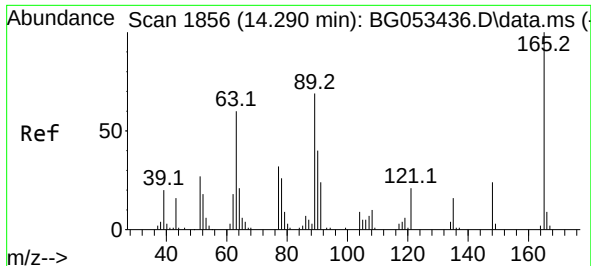
Tgt Ion:152 Resp: 317059
Ion Ratio Lower Upper
152 100
151 21.4 16.4 24.6
153 13.4 10.8 16.2



#50
Dimethylphthalate
Concen: 38.293 ng
RT: 14.162 min Scan# 1834
Delta R.T. -0.005 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

Tgt Ion:163 Resp: 265974
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 11.3 8.0 12.0

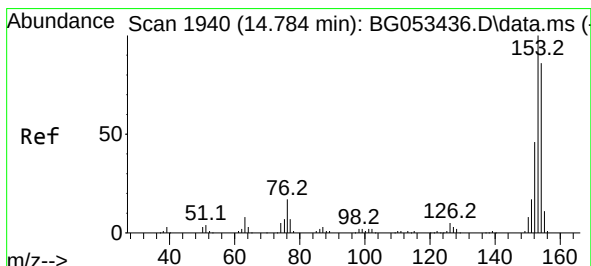
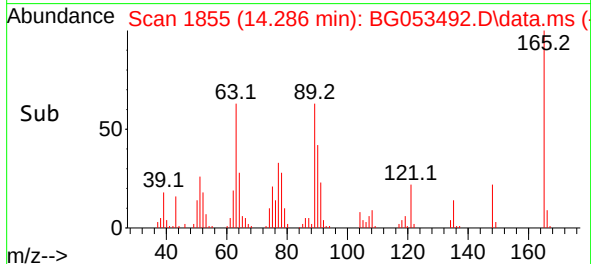
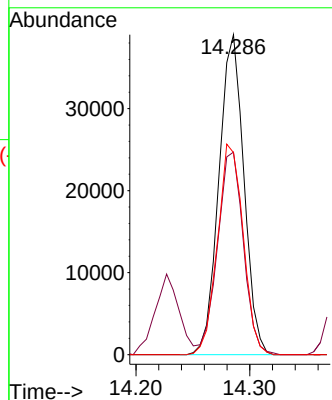
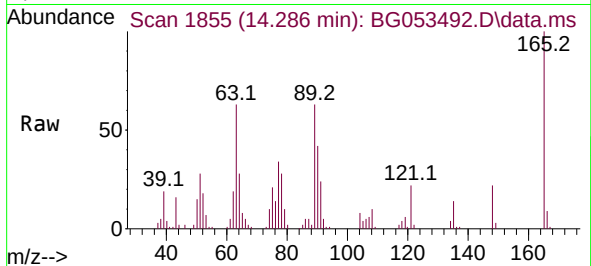




#51
2,6-Dinitrotoluene
Concen: 42.008 ng
RT: 14.286 min Scan# 1855
Delta R.T. -0.005 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

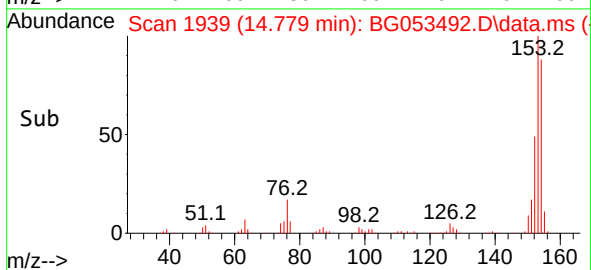
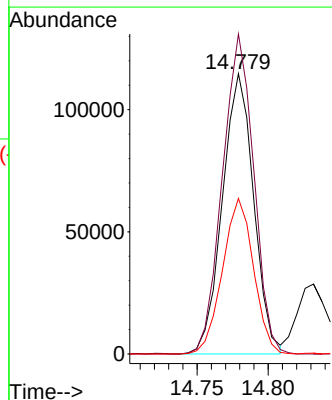
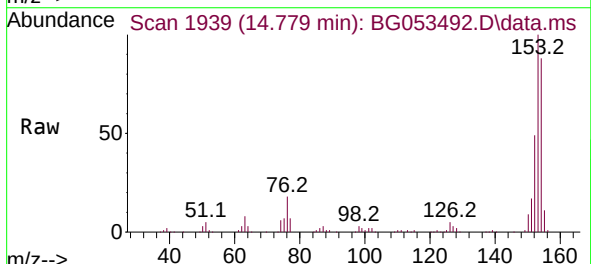
Instrument :
BNA_G
ClientSampleId :
PB144673BS

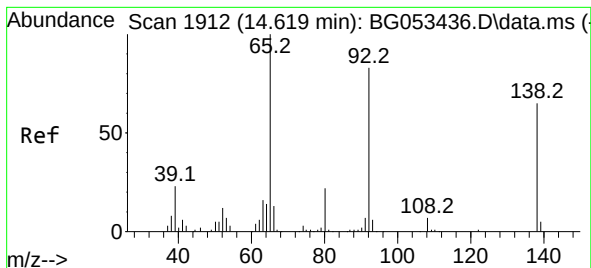
Tgt Ion:165 Resp: 59444
Ion Ratio Lower Upper
165 100
63 63.3 54.1 81.1
89 63.2 54.8 82.2



#52
Acenaphthene
Concen: 37.849 ng
RT: 14.779 min Scan# 1939
Delta R.T. -0.005 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

Tgt Ion:154 Resp: 175699
Ion Ratio Lower Upper
154 100
153 114.2 92.7 139.1
152 55.5 42.6 64.0

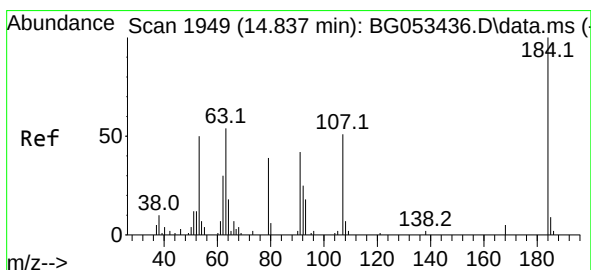
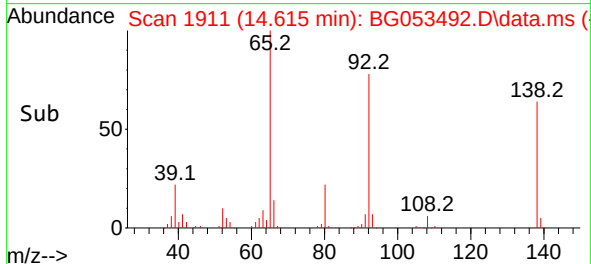
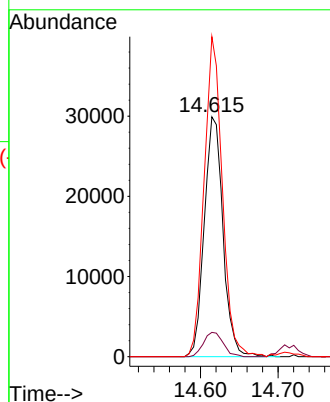
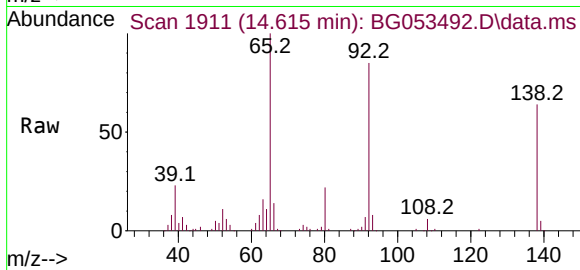




#53
3-Nitroaniline
Concen: 32.742 ng
RT: 14.615 min Scan# 1912
Delta R.T. -0.004 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

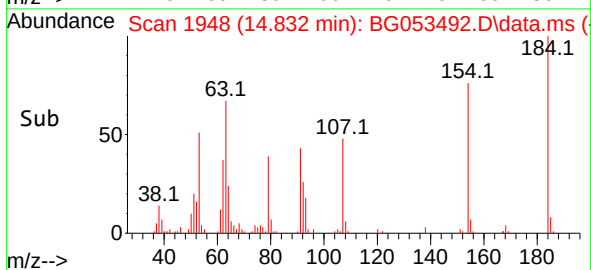
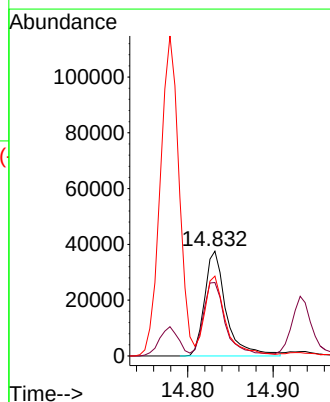
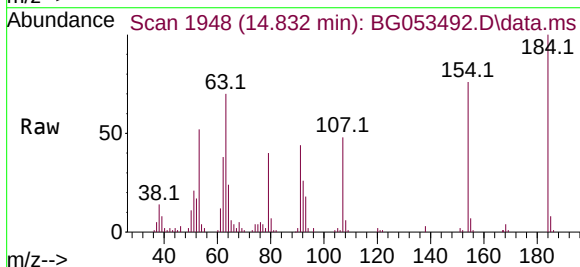
Instrument :
BNA_G
ClientSampleId :
PB144673BS

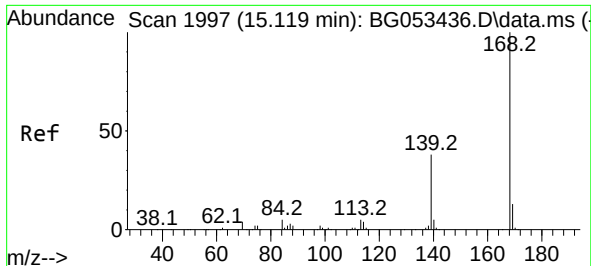
Tgt Ion:138 Resp: 50061
Ion Ratio Lower Upper
138 100
108 10.1 9.2 13.8
92 133.5 101.9 152.9



#54
2,4-Dinitrophenol
Concen: 74.244 ng
RT: 14.832 min Scan# 1948
Delta R.T. -0.005 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

Tgt Ion:184 Resp: 66252
Ion Ratio Lower Upper
184 100
63 70.1 61.1 91.7
154 76.2 60.6 91.0

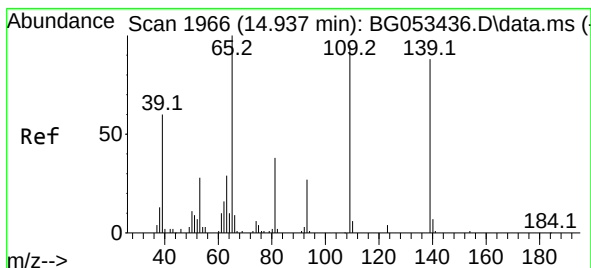
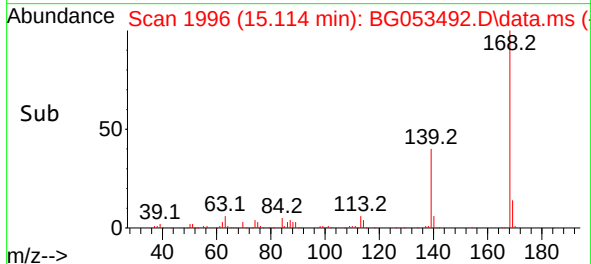
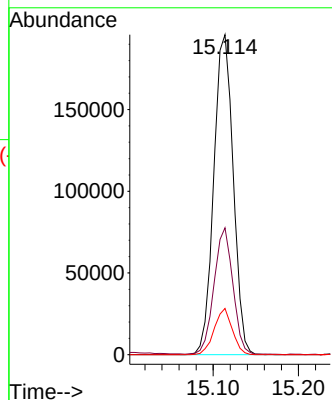
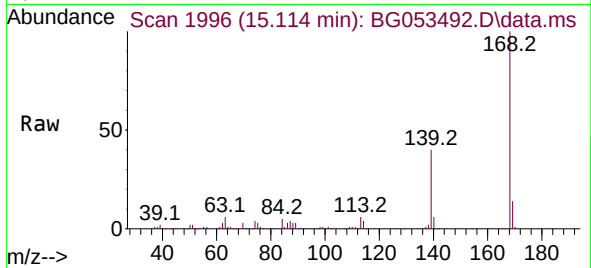




#55
Dibenzofuran
Concen: 37.175 ng
RT: 15.114 min Scan# 1997
Delta R.T. -0.005 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

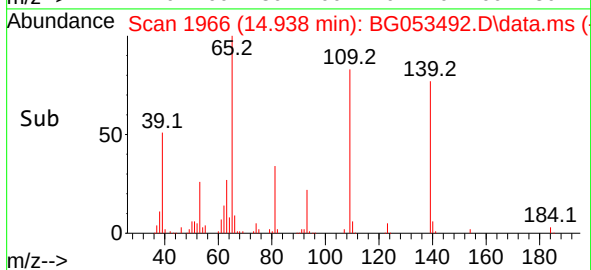
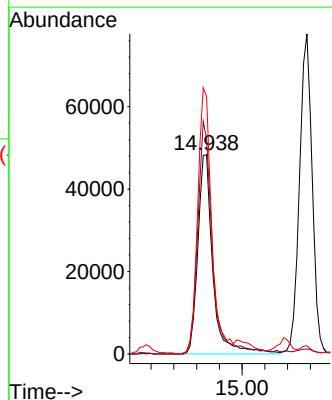
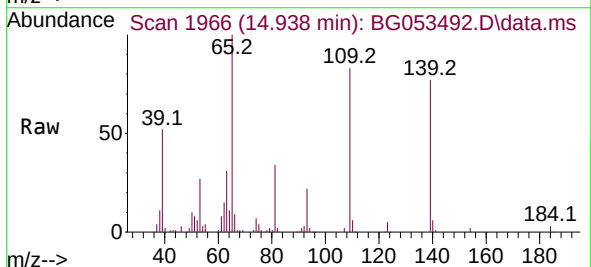
Instrument :
BNA_G
ClientSampleId :
PB144673BS

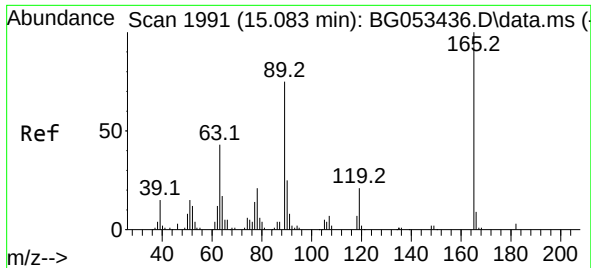
Tgt Ion:168 Resp: 309964
Ion Ratio Lower Upper
168 100
139 39.6 30.5 45.7
169 14.5 10.3 15.5



#56
4-Nitrophenol
Concen: 81.347 ng
RT: 14.938 min Scan# 1966
Delta R.T. 0.001 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

Tgt Ion:139 Resp: 88836
Ion Ratio Lower Upper
139 100
109 107.9 88.5 128.5
65 129.3 93.9 133.9





#57

2,4-Dinitrotoluene

Concen: 41.513 ng

RT: 15.079 min Scan# 1991

Delta R.T. -0.005 min

Lab File: BG053492.D

Acq: 9 May 2022 14:24

Instrument :

BNA_G

ClientSampleId :

PB144673BS

Tgt Ion:165 Resp: 85150

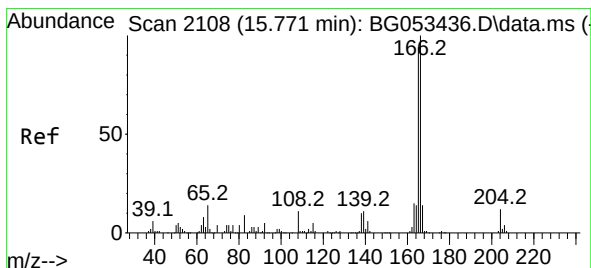
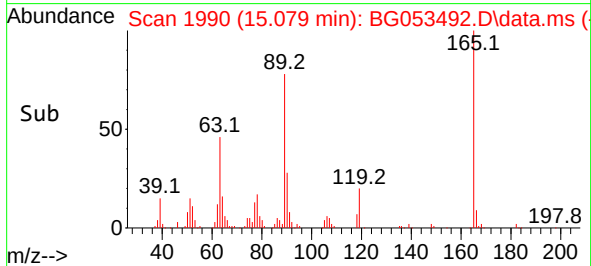
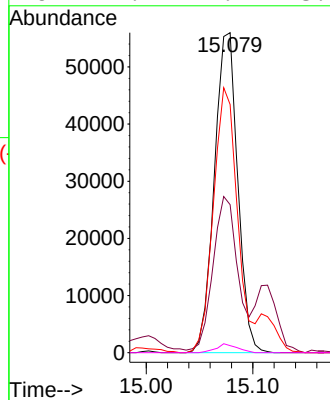
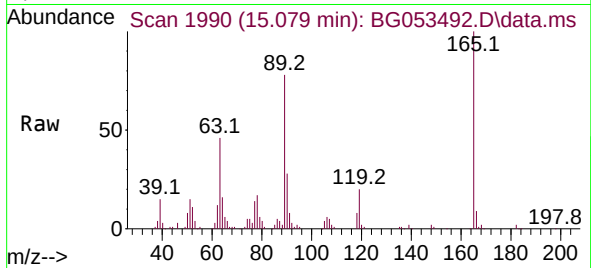
Ion Ratio Lower Upper

165 100

63 46.2 34.6 52.0

89 77.6 60.3 90.5

182 2.2 2.2 3.4#



#58

Fluorene

Concen: 38.627 ng

RT: 15.760 min Scan# 2106

Delta R.T. -0.011 min

Lab File: BG053492.D

Acq: 9 May 2022 14:24

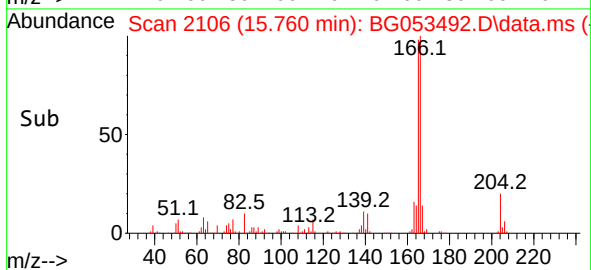
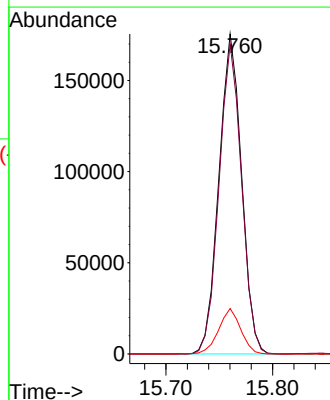
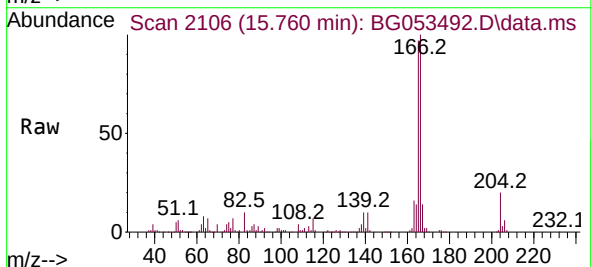
Tgt Ion:166 Resp: 258461

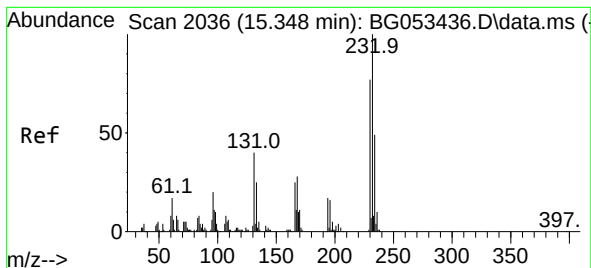
Ion Ratio Lower Upper

166 100

165 96.9 75.0 112.6

167 14.2 10.8 16.2

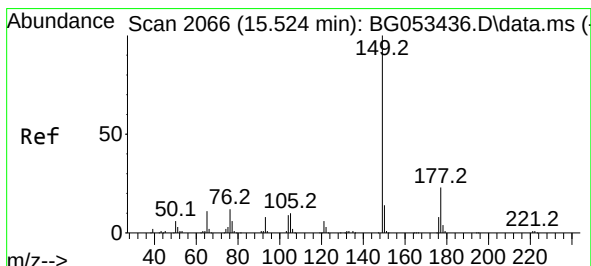
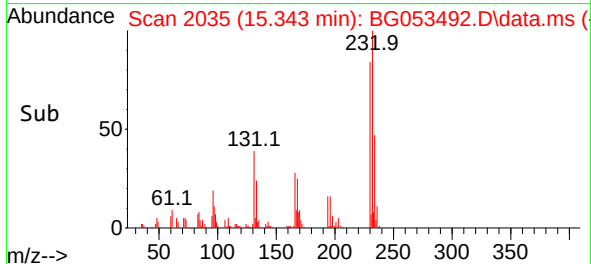
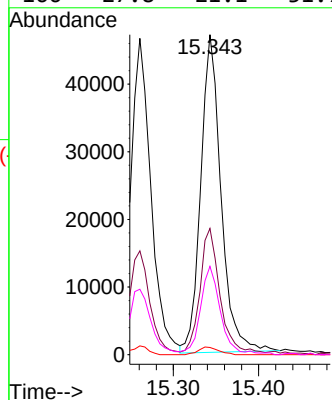
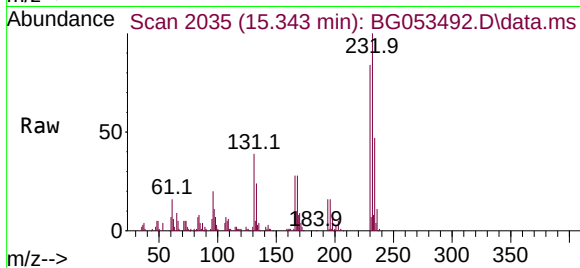




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.250 ng
RT: 15.343 min Scan# 2035
Delta R.T. -0.005 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

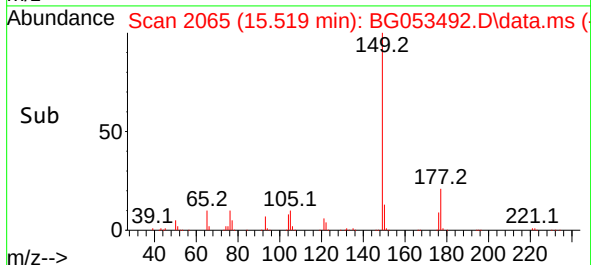
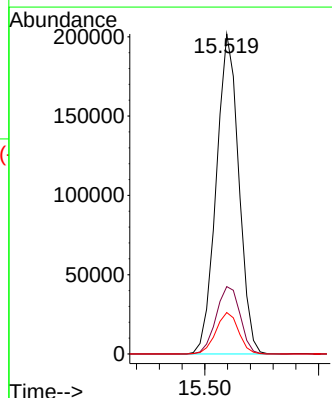
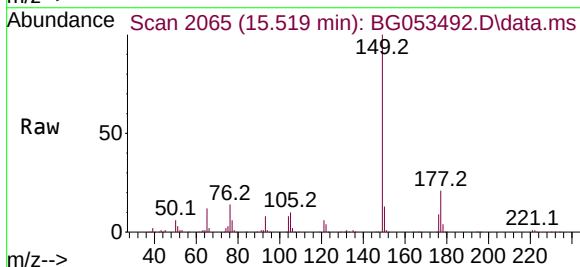
Instrument :
BNA_G
ClientSampleId :
PB144673BS

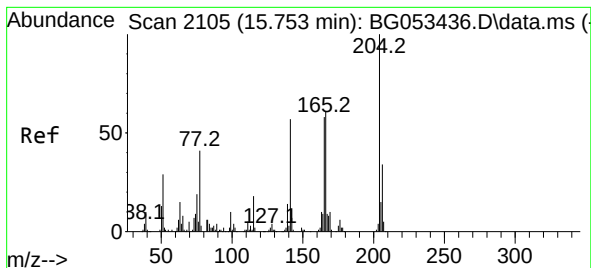
Tgt Ion:232 Resp: 77680
Ion Ratio Lower Upper
232 100
131 38.1 30.6 46.0
130 2.4 1.8 2.8
166 27.8 21.1 31.7



#60
Diethylphthalate
Concen: 38.688 ng
RT: 15.519 min Scan# 2065
Delta R.T. -0.005 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

Tgt Ion:149 Resp: 277577
Ion Ratio Lower Upper
149 100
177 21.0 18.4 27.6
150 12.9 11.2 16.8

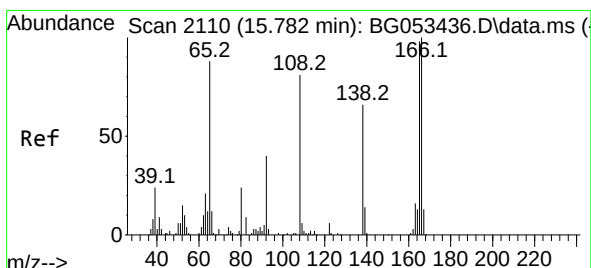
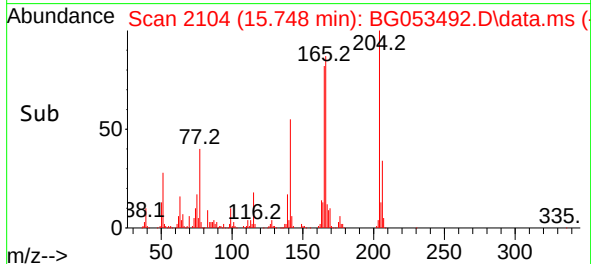
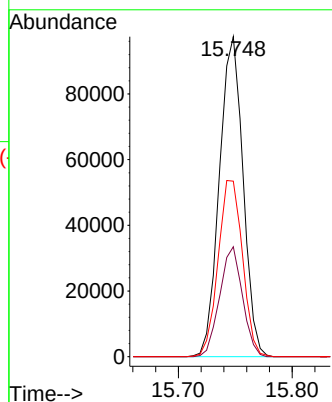
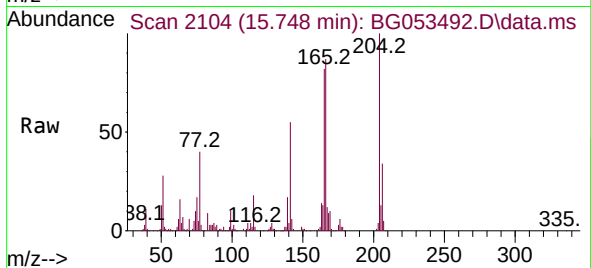




#61
4-Chlorophenyl-phenylether
Concen: 37.689 ng
RT: 15.748 min Scan# 2105
Delta R.T. -0.005 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

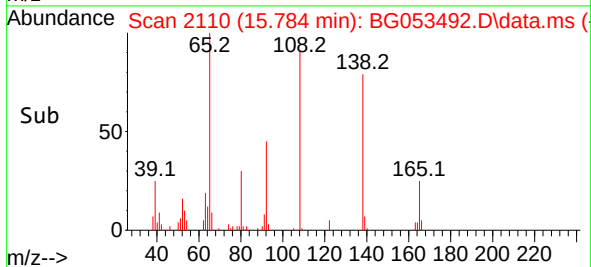
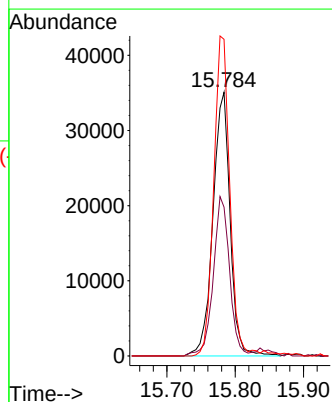
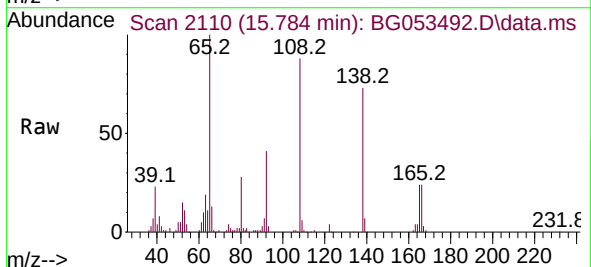
Instrument :
BNA_G
ClientSampleId :
PB144673BS

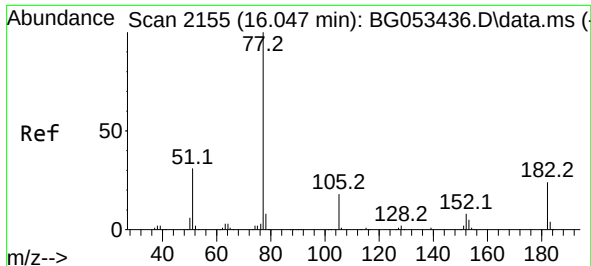
Tgt Ion:204 Resp: 140720
Ion Ratio Lower Upper
204 100
206 34.3 27.5 41.3
141 54.8 45.3 67.9



#62
4-Nitroaniline
Concen: 38.770 ng
RT: 15.784 min Scan# 2110
Delta R.T. 0.001 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

Tgt Ion:138 Resp: 61484
Ion Ratio Lower Upper
138 100
92 56.4 40.5 80.5
108 120.1 103.7 143.7

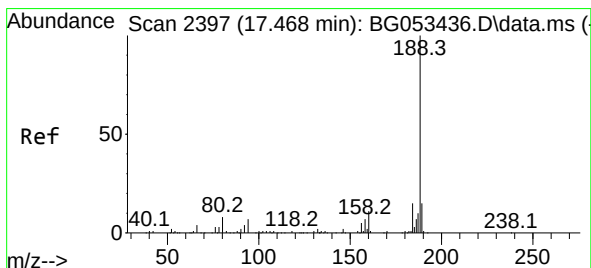
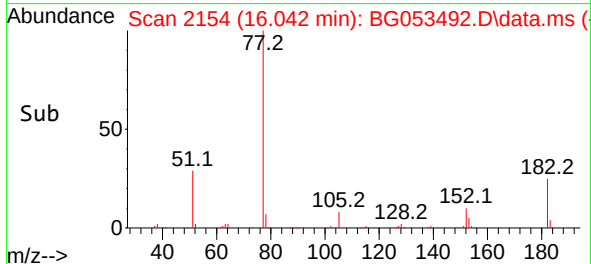
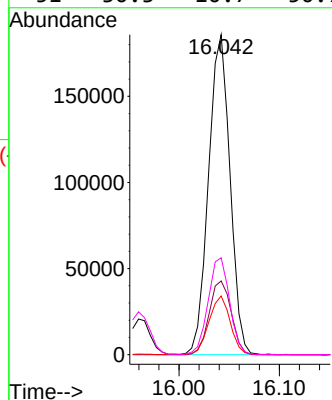
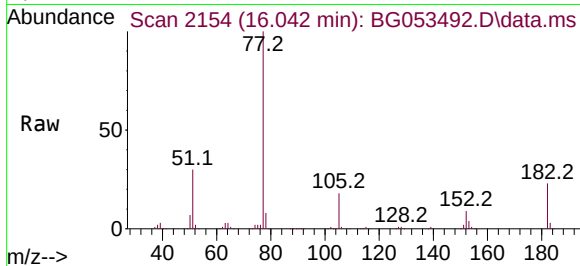




#63
Azobenzene
Concen: 37.674 ng
RT: 16.042 min Scan# 2155
Delta R.T. -0.005 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

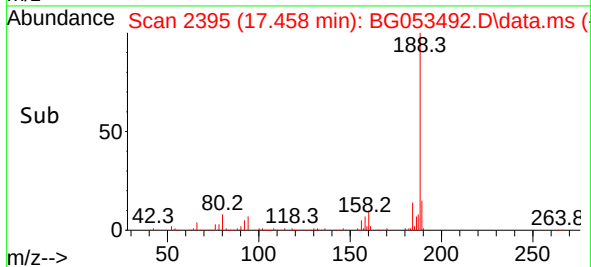
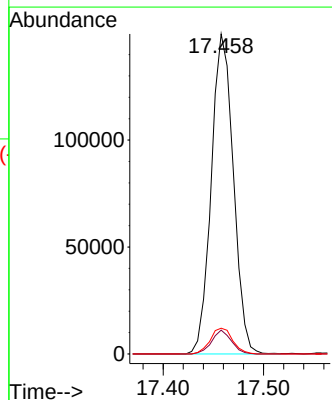
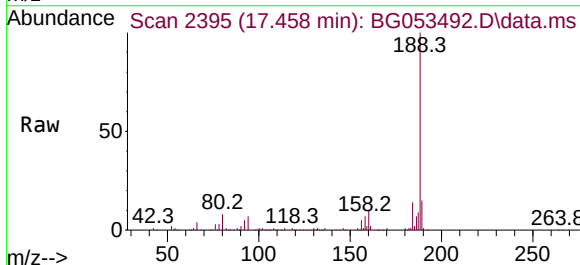
Instrument :
BNA_G
ClientSampleId :
PB144673BS

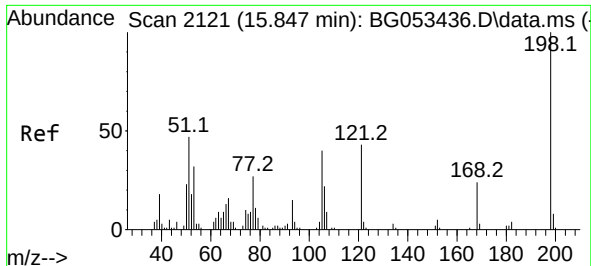
Tgt Ion: 77 Resp: 276791
Ion Ratio Lower Upper
77 100
182 23.0 3.8 43.8
105 18.4 0.0 37.8
51 30.3 10.7 50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.458 min Scan# 2395
Delta R.T. -0.011 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

Tgt Ion:188 Resp: 229037
Ion Ratio Lower Upper
188 100
94 7.5 5.4 8.0
80 8.1 6.8 10.2

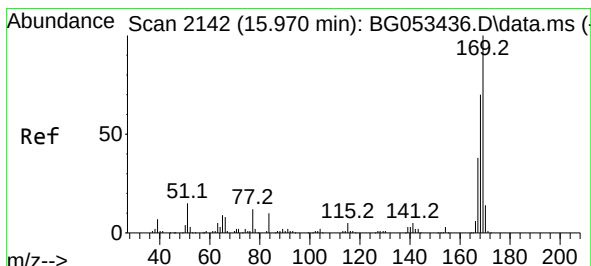
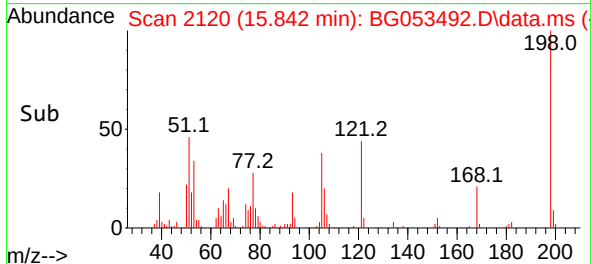
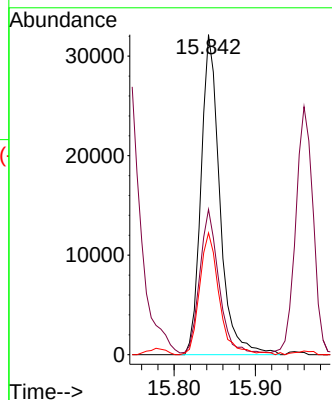
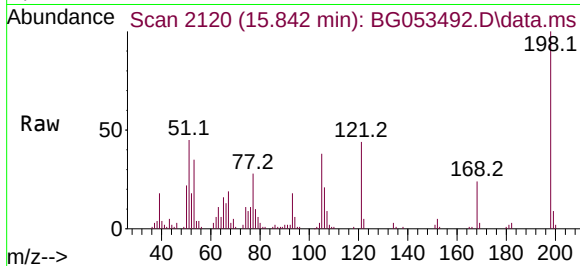




#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.995 ng
 RT: 15.842 min Scan# 2121
 Delta R.T. -0.005 min
 Lab File: BG053492.D
 Acq: 9 May 2022 14:24

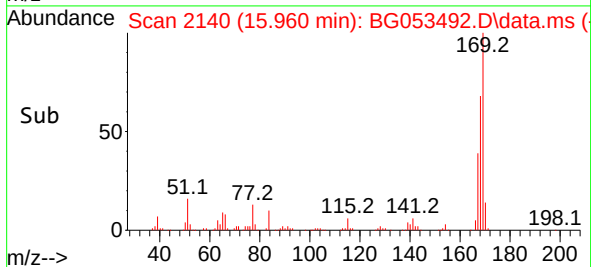
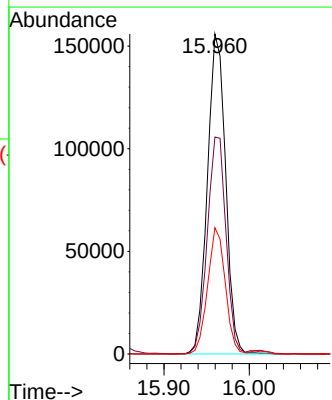
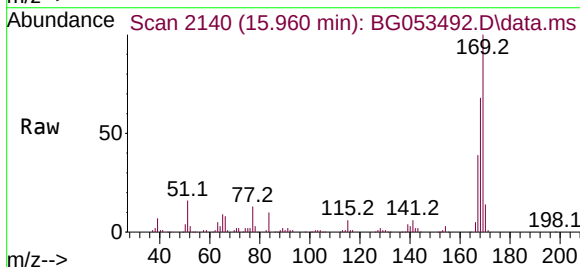
Instrument :
 BNA_G
 ClientSampleId :
 PB144673BS

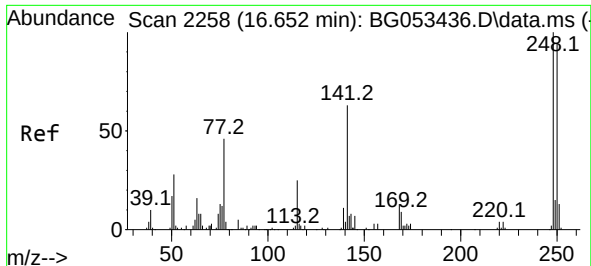
Tgt Ion:198 Resp: 51854
 Ion Ratio Lower Upper
 198 100
 51 45.4 28.1 68.1
 105 38.1 20.3 60.3



#66
 n-Nitrosodiphenylamine
 Concen: 38.363 ng
 RT: 15.960 min Scan# 2140
 Delta R.T. -0.011 min
 Lab File: BG053492.D
 Acq: 9 May 2022 14:24

Tgt Ion:169 Resp: 230691
 Ion Ratio Lower Upper
 169 100
 168 67.8 55.9 83.9
 167 39.4 30.6 46.0

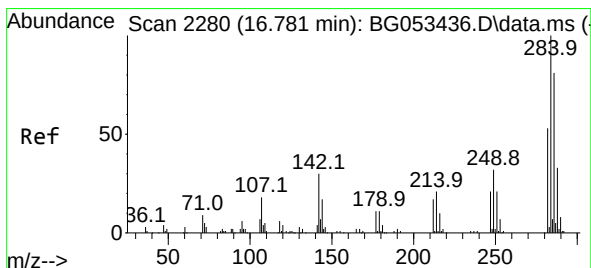
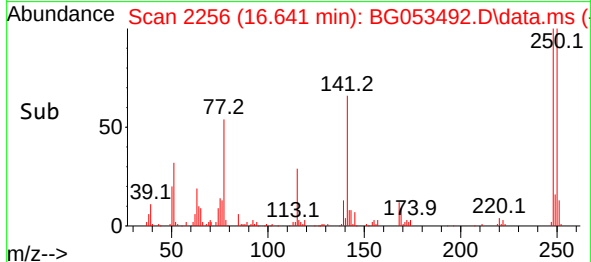
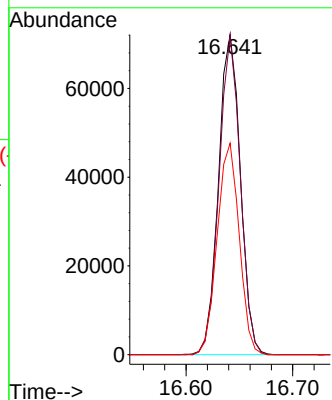
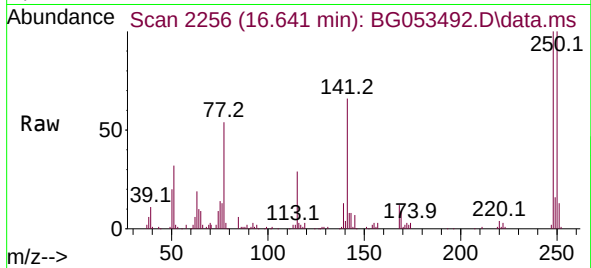




#67
4-Bromophenyl-phenylether
Concen: 38.378 ng
RT: 16.641 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

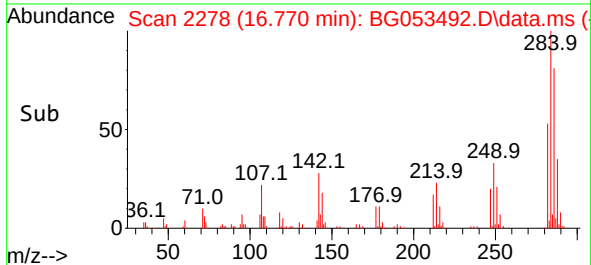
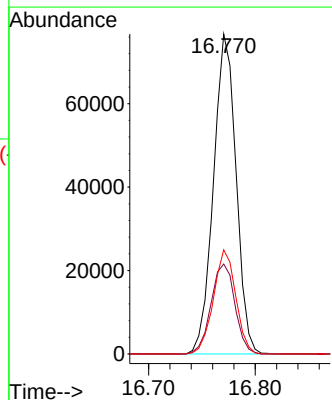
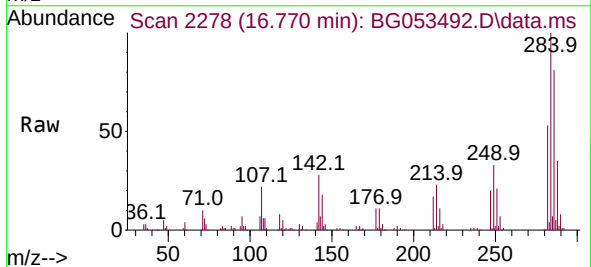
Instrument :
BNA_G
ClientSampleId :
PB144673BS

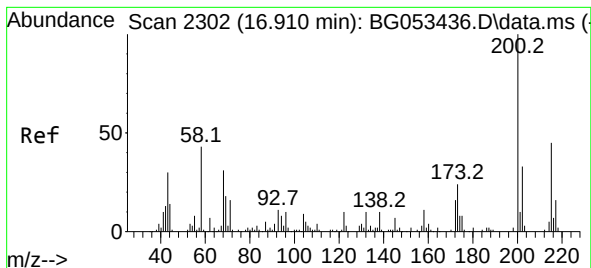
Tgt Ion:248 Resp: 102656
Ion Ratio Lower Upper
248 100
250 99.8 75.2 112.8
141 66.1 50.0 75.0



#68
Hexachlorobenzene
Concen: 38.480 ng
RT: 16.770 min Scan# 2278
Delta R.T. -0.011 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

Tgt Ion:284 Resp: 112727
Ion Ratio Lower Upper
284 100
142 28.1 23.6 35.4
249 32.5 25.8 38.6





#69

Atrazine

Concen: 40.234 ng

RT: 16.906 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG053492.D

Acq: 9 May 2022 14:24

Instrument :

BNA_G

ClientSampleId :

PB144673BS

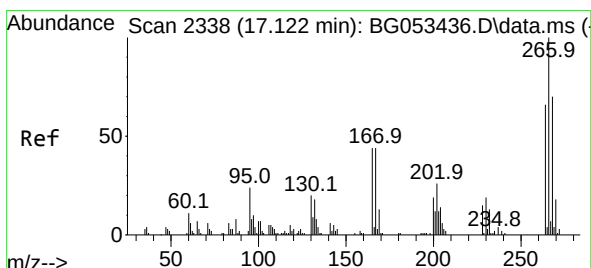
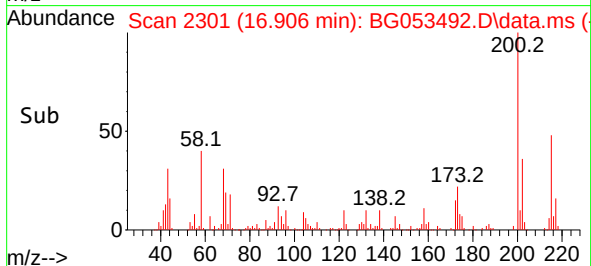
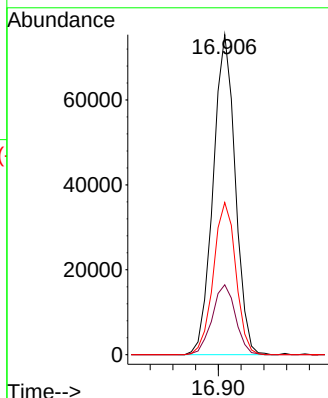
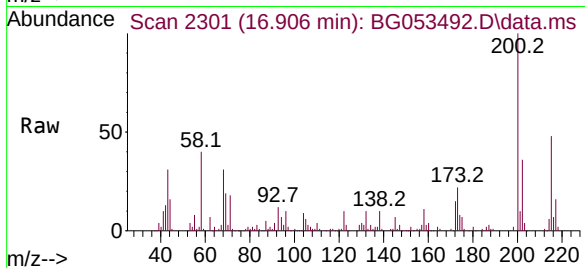
Tgt Ion:200 Resp: 101853

Ion Ratio Lower Upper

200 100

173 21.9 3.7 43.7

215 47.6 25.2 65.2



#70

Pentachlorophenol

Concen: 69.939 ng

RT: 17.117 min Scan# 2337

Delta R.T. -0.005 min

Lab File: BG053492.D

Acq: 9 May 2022 14:24

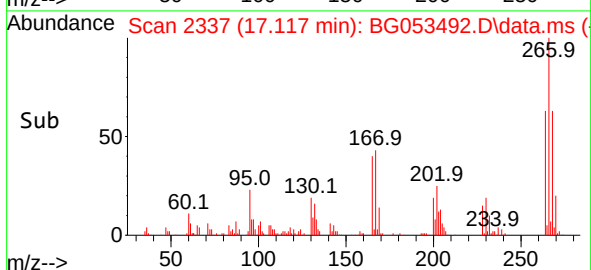
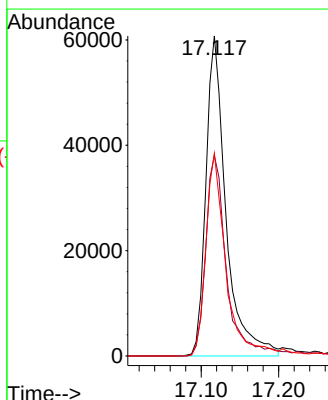
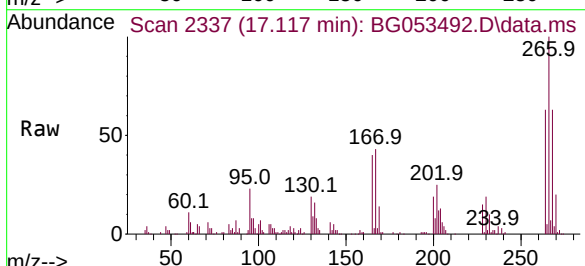
Tgt Ion:266 Resp: 109358

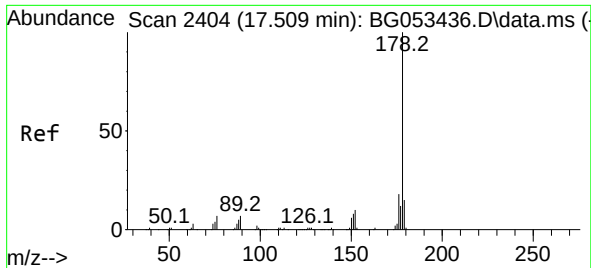
Ion Ratio Lower Upper

266 100

268 62.7 56.2 84.2

264 63.4 53.0 79.4

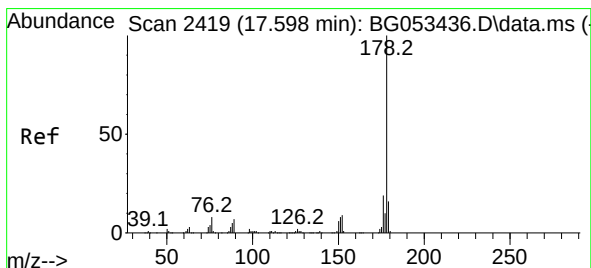
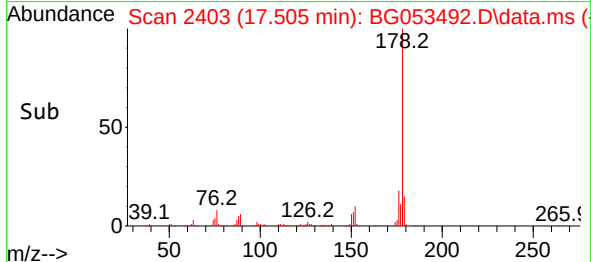
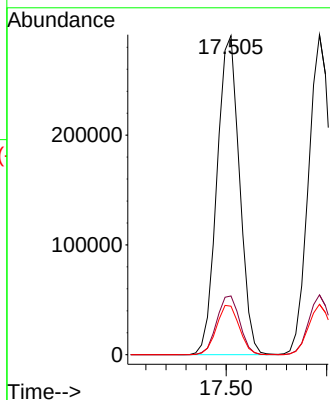
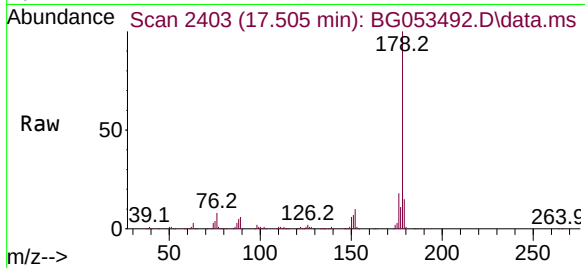




#71
Phenanthrene
Concen: 38.783 ng
RT: 17.505 min Scan# 2404
Delta R.T. -0.005 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

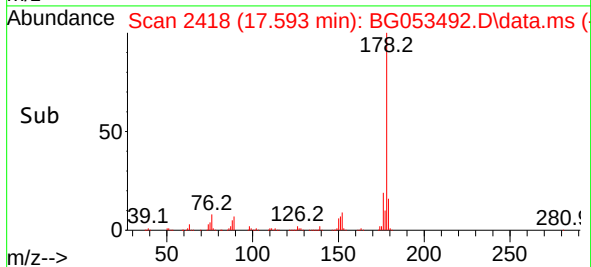
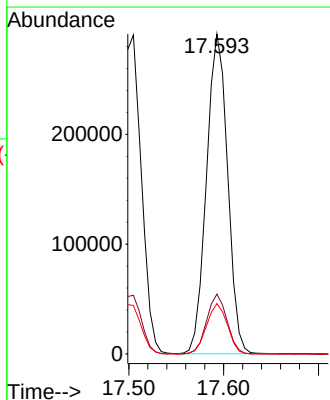
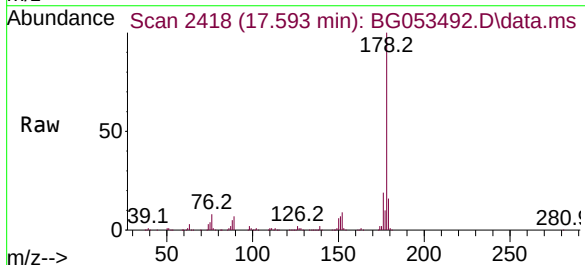
Instrument :
BNA_G
ClientSampleId :
PB144673BS

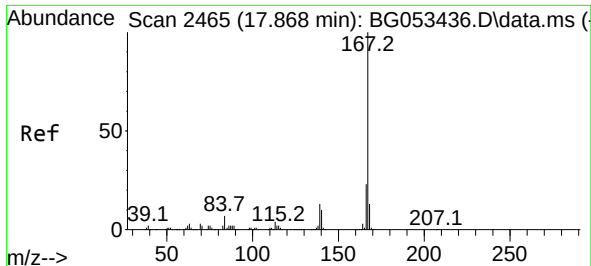
Tgt Ion:178 Resp: 451675
Ion Ratio Lower Upper
178 100
176 18.4 14.1 21.1
179 15.2 12.1 18.1



#72
Anthracene
Concen: 39.309 ng
RT: 17.593 min Scan# 2418
Delta R.T. -0.005 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

Tgt Ion:178 Resp: 449978
Ion Ratio Lower Upper
178 100
176 18.7 15.2 22.8
179 15.7 13.0 19.4

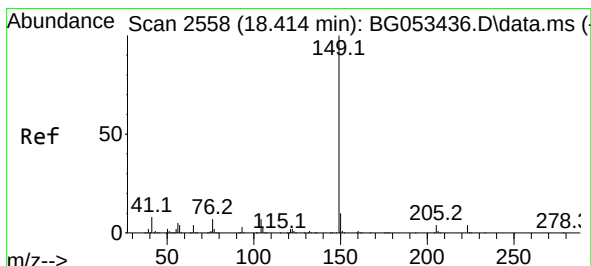
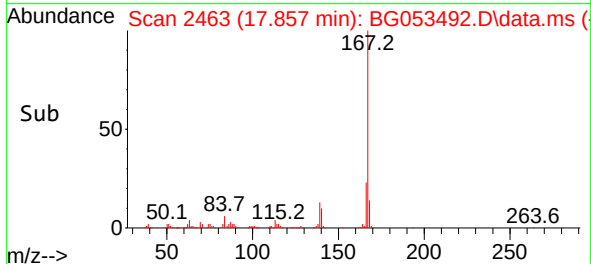
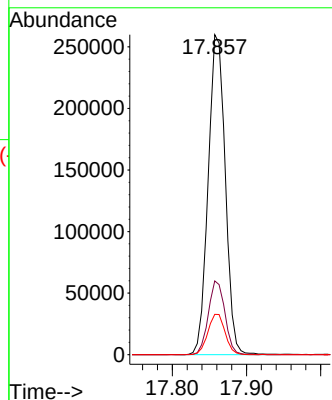
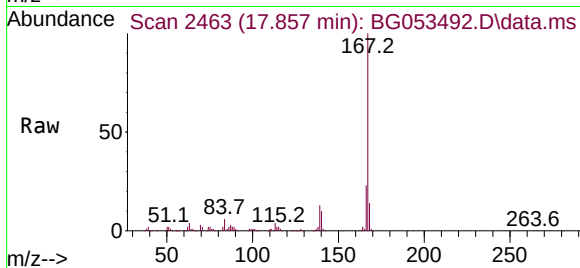




#73
 Carbazole
 Concen: 37.050 ng
 RT: 17.857 min Scan# 2463
 Delta R.T. -0.011 min
 Lab File: BG053492.D
 Acq: 9 May 2022 14:24

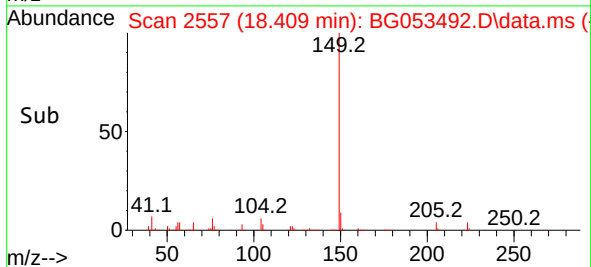
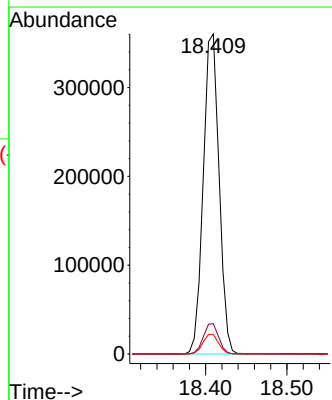
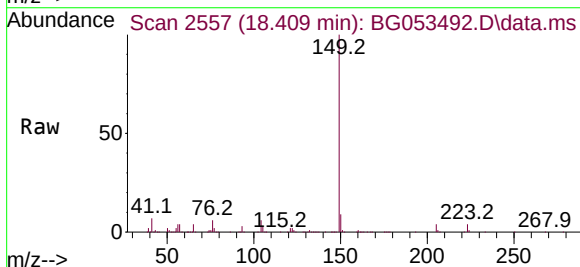
Instrument :
 BNA_G
 ClientSampleId :
 PB144673BS

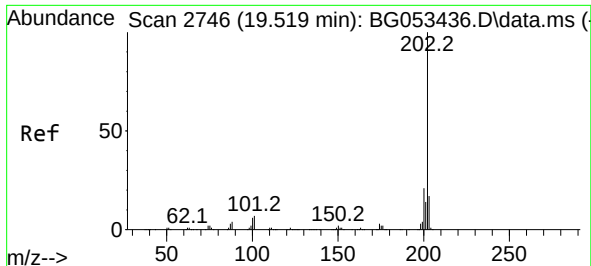
Tgt Ion:167 Resp: 415658
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.2 27.2
 139 12.6 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 38.619 ng
 RT: 18.409 min Scan# 2557
 Delta R.T. -0.005 min
 Lab File: BG053492.D
 Acq: 9 May 2022 14:24

Tgt Ion:149 Resp: 487278
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 6.2 5.4 8.0

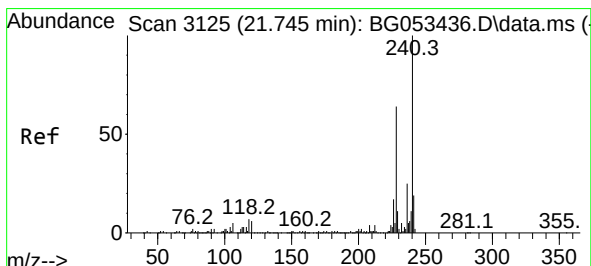
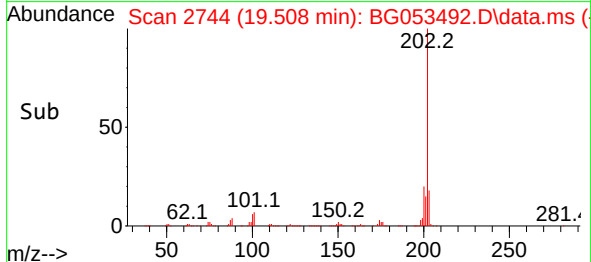
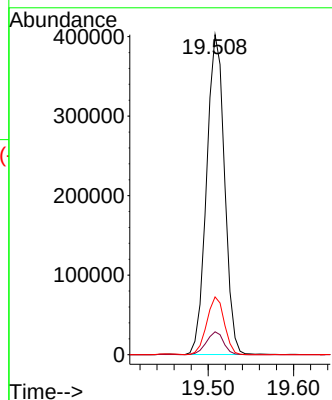
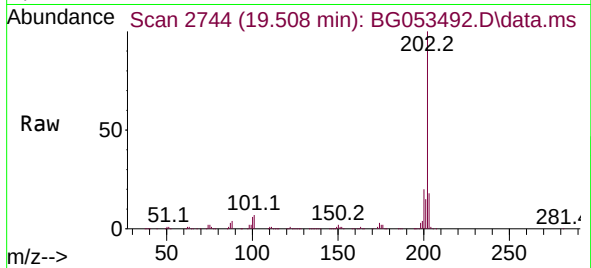




#75
Fluoranthene
Concen: 38.981 ng
RT: 19.508 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

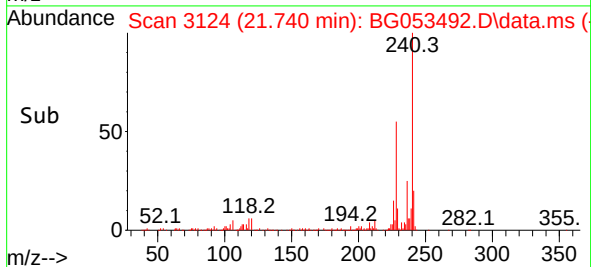
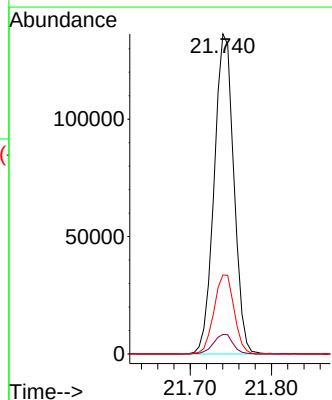
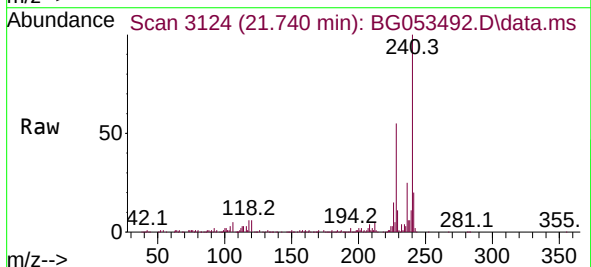
Instrument :
BNA_G
ClientSampleId :
PB144673BS

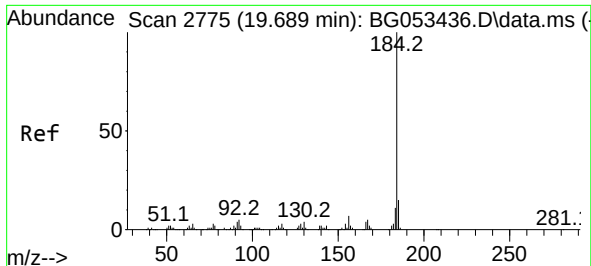
Tgt Ion:202 Resp: 587811
Ion Ratio Lower Upper
202 100
101 7.1 0.0 26.9
203 18.0 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.740 min Scan# 3124
Delta R.T. -0.005 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

Tgt Ion:240 Resp: 229396
Ion Ratio Lower Upper
240 100
120 6.1 4.6 7.0
236 24.7 20.2 30.4

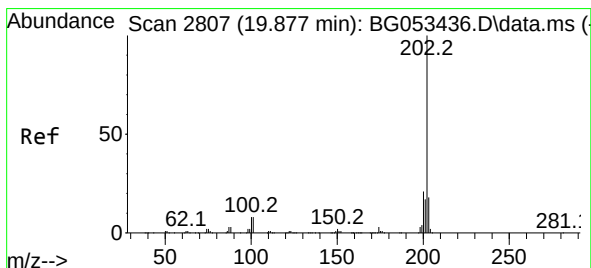
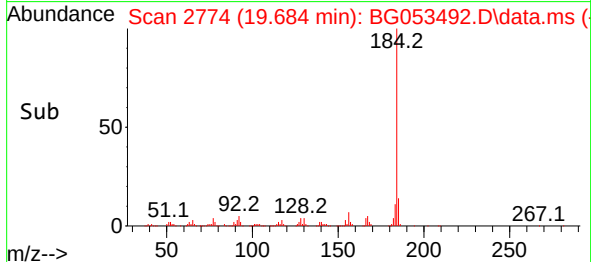
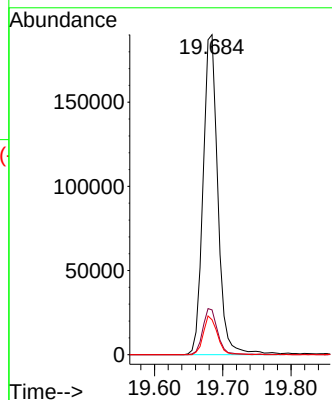
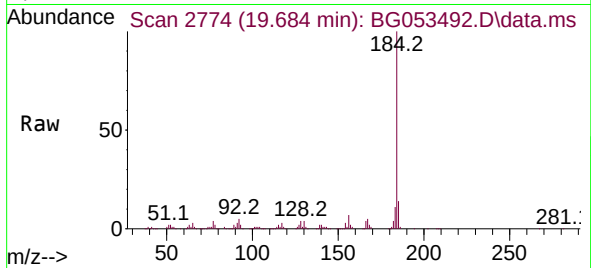




#77
Benzidine
Concen: 58.086 ng
RT: 19.684 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

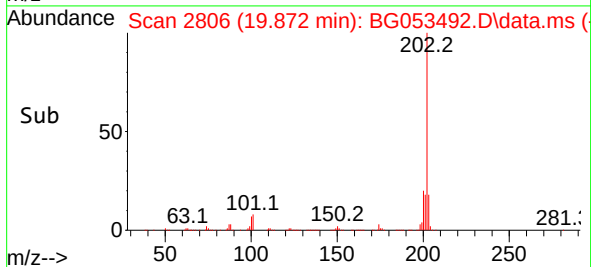
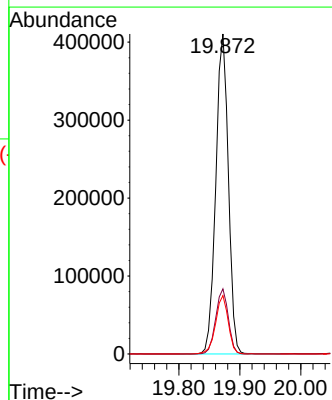
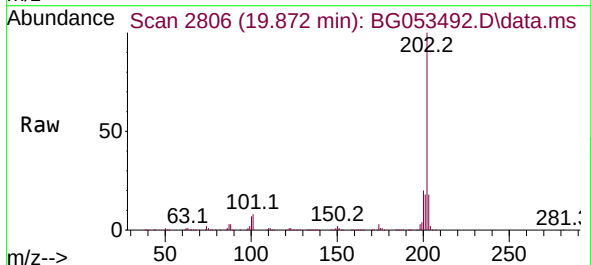
Instrument :
BNA_G
ClientSampleId :
PB144673BS

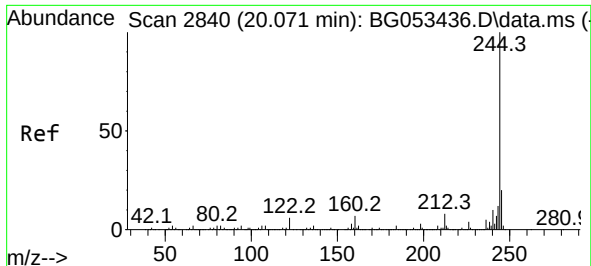
Tgt Ion:184 Resp: 287198
Ion Ratio Lower Upper
184 100
185 14.0 11.8 17.6
183 10.9 8.9 13.3



#78
Pyrene
Concen: 39.484 ng
RT: 19.872 min Scan# 2806
Delta R.T. -0.005 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

Tgt Ion:202 Resp: 586342
Ion Ratio Lower Upper
202 100
200 20.4 16.6 24.8
203 18.3 14.6 21.8

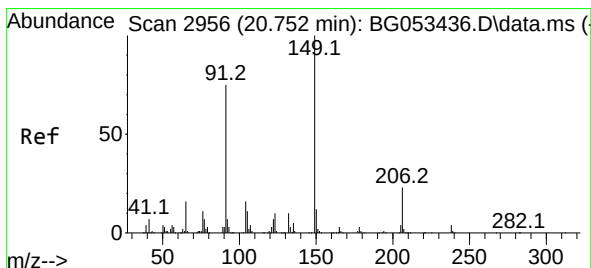
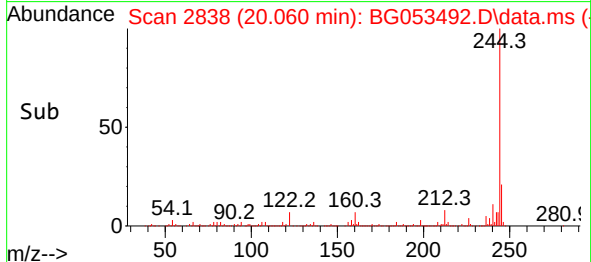
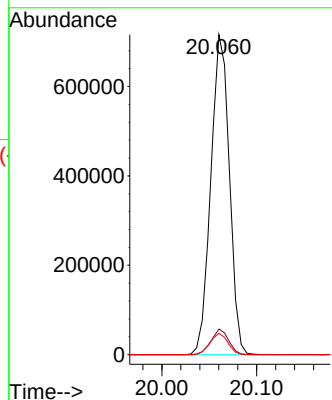
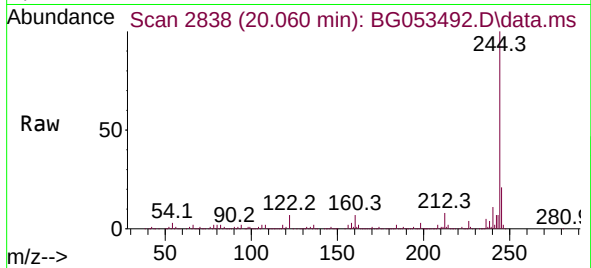




#79
 Terphenyl-d14
 Concen: 78.810 ng
 RT: 20.060 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG053492.D
 Acq: 9 May 2022 14:24

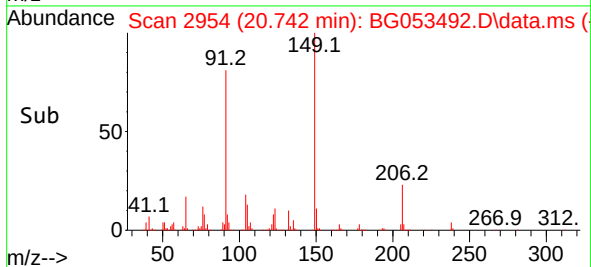
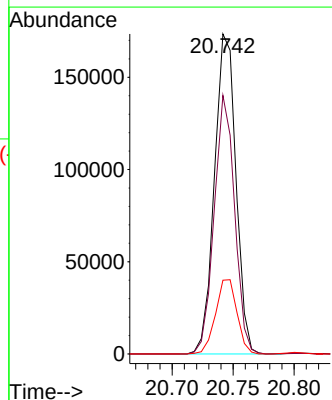
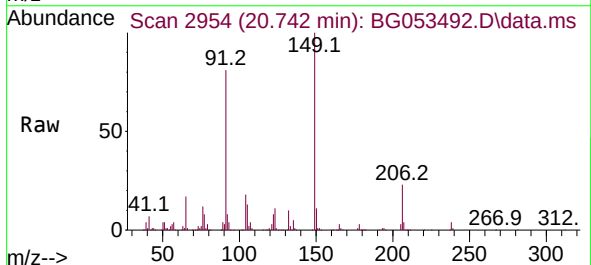
Instrument :
 BNA_G
 ClientSampleId :
 PB144673BS

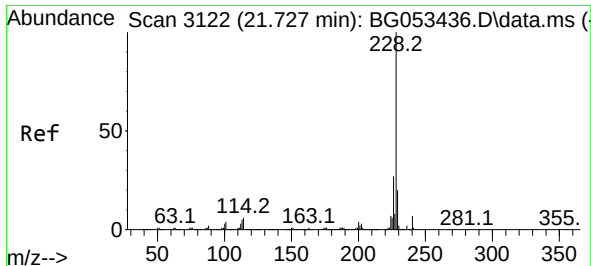
Tgt Ion:244 Resp: 970682
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 6.7 5.0 7.4



#80
 Butylbenzylphthalate
 Concen: 39.016 ng
 RT: 20.742 min Scan# 2954
 Delta R.T. -0.011 min
 Lab File: BG053492.D
 Acq: 9 May 2022 14:24

Tgt Ion:149 Resp: 212458
 Ion Ratio Lower Upper
 149 100
 91 80.8 59.6 89.4
 206 23.0 18.6 28.0

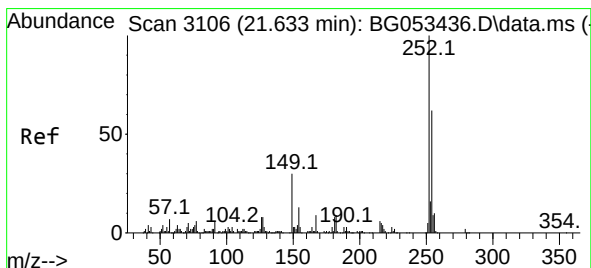
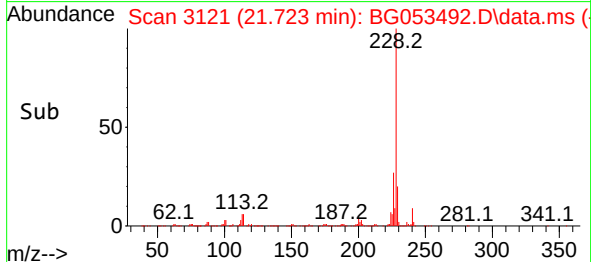
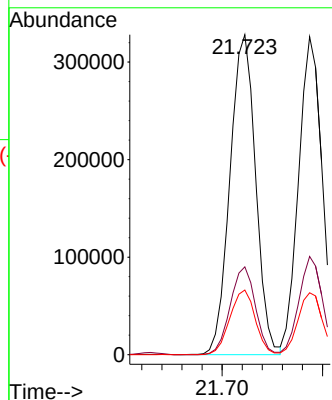
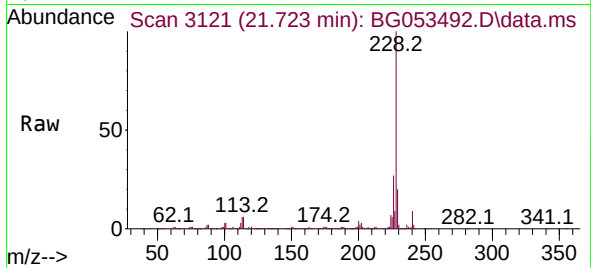




#81
Benzo(a)anthracene
Concen: 39.844 ng
RT: 21.723 min Scan# 3122
Delta R.T. -0.005 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

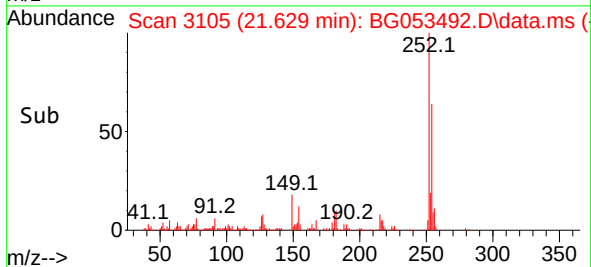
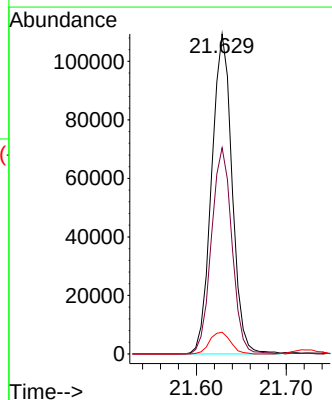
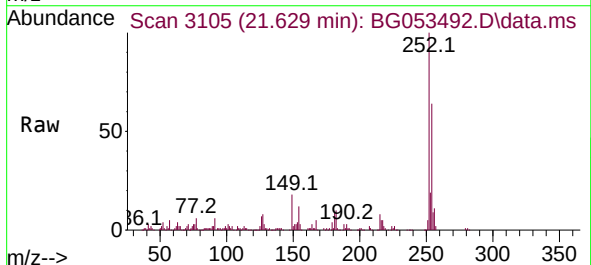
Instrument :
BNA_G
ClientSampleId :
PB144673BS

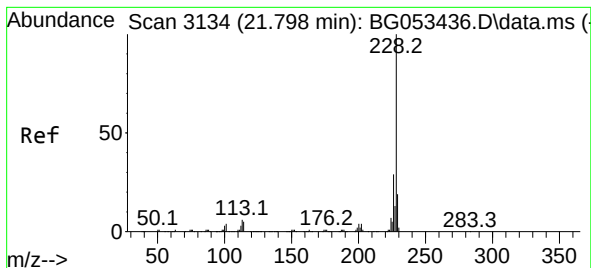
Tgt Ion:228 Resp: 582967
Ion Ratio Lower Upper
228 100
226 27.4 21.6 32.4
229 20.2 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 46.588 ng
RT: 21.629 min Scan# 3105
Delta R.T. -0.005 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

Tgt Ion:252 Resp: 172858
Ion Ratio Lower Upper
252 100
254 64.4 49.8 74.8
126 6.8 6.0 9.0





#83

Chrysene

Concen: 38.636 ng

RT: 21.787 min Scan# 31

Delta R.T. -0.011 min

Lab File: BG053492.D

Acq: 9 May 2022 14:24

Instrument :

BNA_G

ClientSampleId :

PB144673BS

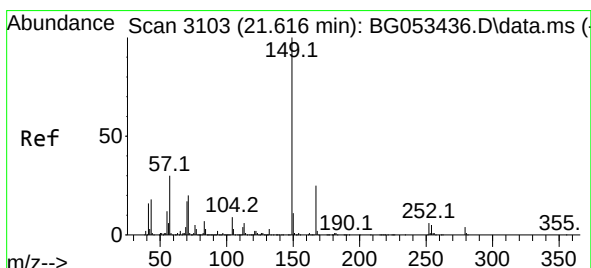
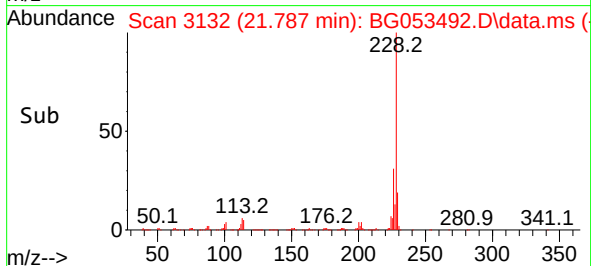
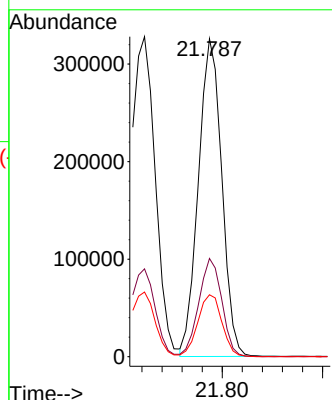
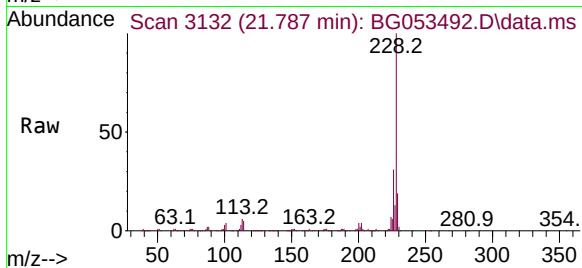
Tgt Ion:228 Resp: 527961

Ion Ratio Lower Upper

228 100

226 30.9 23.4 35.2

229 19.5 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.035 ng

RT: 21.611 min Scan# 3102

Delta R.T. -0.005 min

Lab File: BG053492.D

Acq: 9 May 2022 14:24

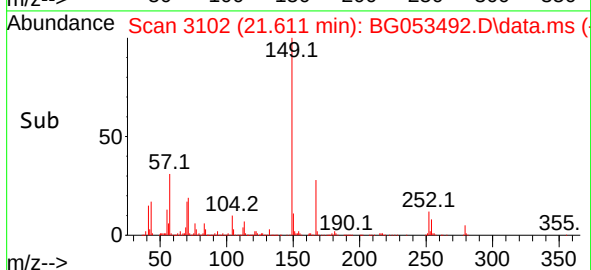
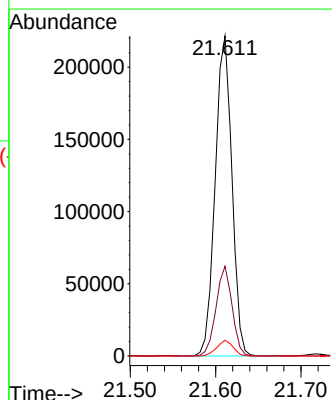
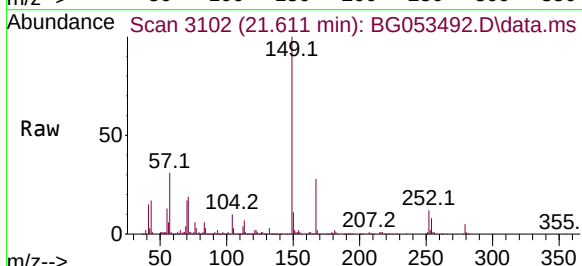
Tgt Ion:149 Resp: 300900

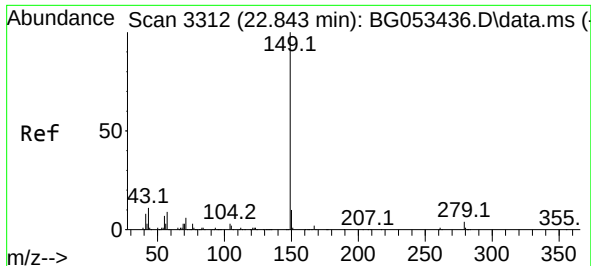
Ion Ratio Lower Upper

149 100

167 28.1 20.2 30.4

279 4.9 3.6 5.4

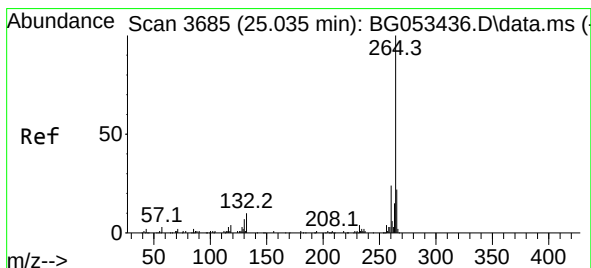
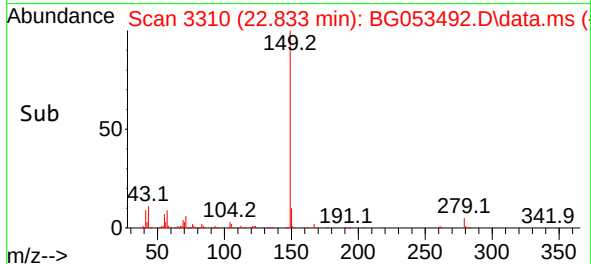
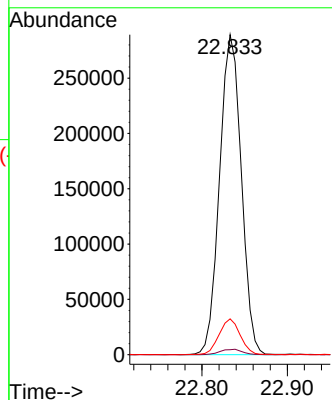
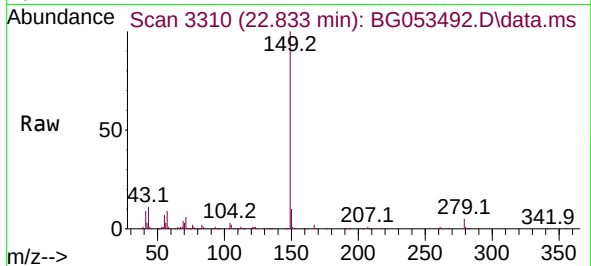




#85
Di-n-octyl phthalate
Concen: 40.287 ng
RT: 22.833 min Scan# 31
Delta R.T. -0.011 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

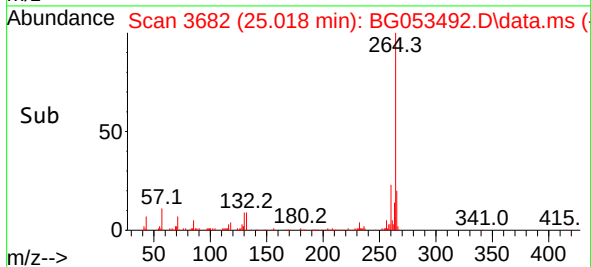
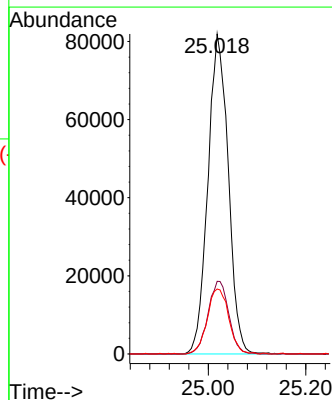
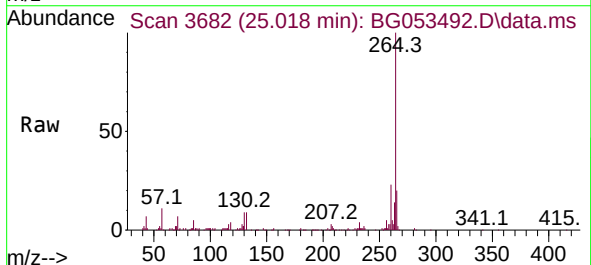
Instrument :
BNA_G
ClientSampleId :
PB144673BS

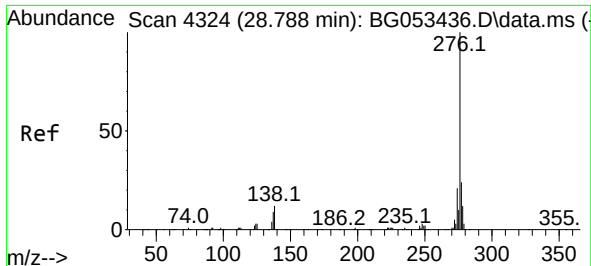
Tgt Ion:149 Resp: 512018
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.9 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.018 min Scan# 3682
Delta R.T. -0.016 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

Tgt Ion:264 Resp: 236552
Ion Ratio Lower Upper
264 100
260 22.7 19.0 28.6
265 20.3 17.4 26.2

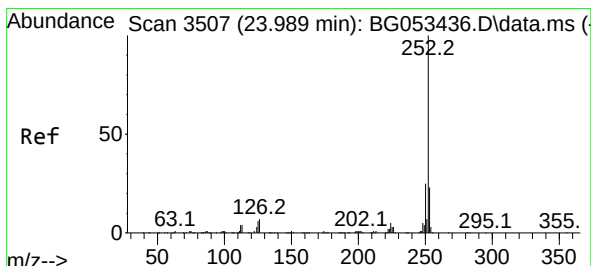
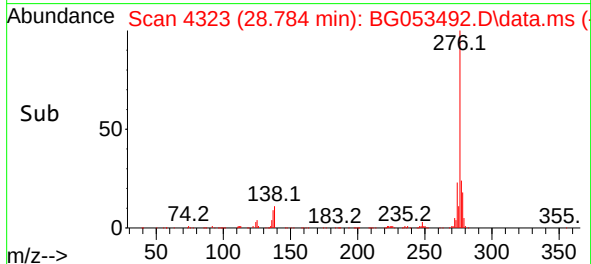
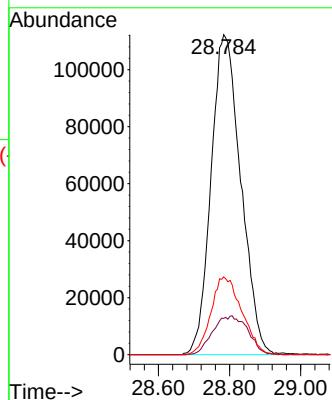
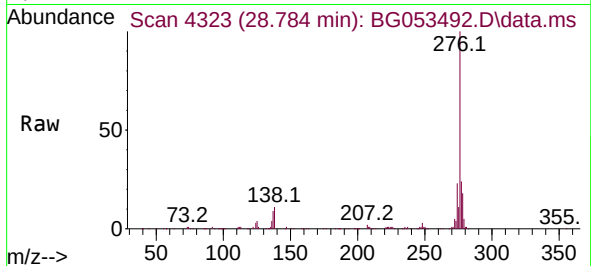




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.551 ng
 RT: 28.784 min Scan# 41
 Delta R.T. -0.005 min
 Lab File: BG053492.D
 Acq: 9 May 2022 14:24

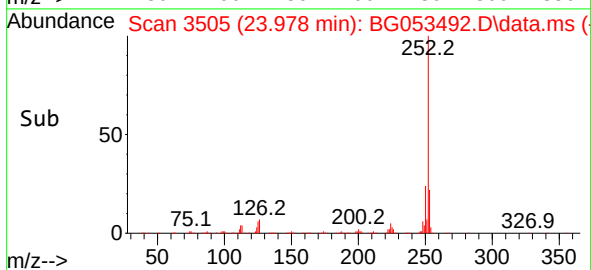
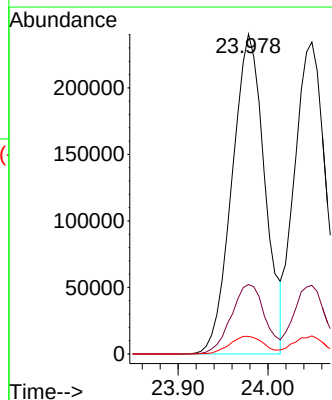
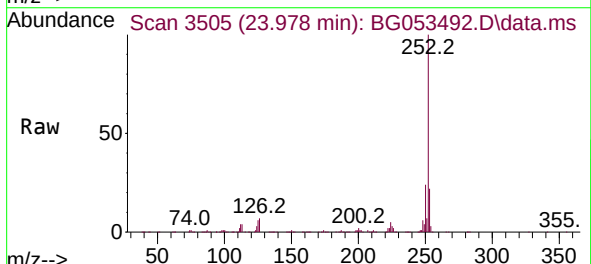
Instrument :
 BNA_G
 ClientSampleId :
 PB144673BS

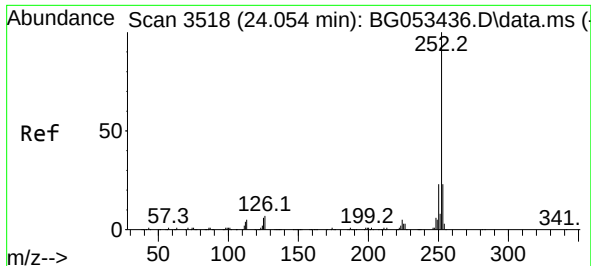
Tgt Ion:276 Resp: 651611
 Ion Ratio Lower Upper
 276 100
 138 0.0 5.0 7.4#
 277 25.3 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 43.538 ng
 RT: 23.978 min Scan# 3505
 Delta R.T. -0.011 min
 Lab File: BG053492.D
 Acq: 9 May 2022 14:24

Tgt Ion:252 Resp: 609609
 Ion Ratio Lower Upper
 252 100
 253 21.7 18.0 27.0
 125 5.5 4.6 6.8





#89

Benzo(k)fluoranthene

Concen: 41.062 ng

RT: 24.049 min Scan# 3

Delta R.T. -0.005 min

Lab File: BG053492.D

Acq: 9 May 2022 14:24

Instrument :

BNA_G

ClientSampleId :

PB144673BS

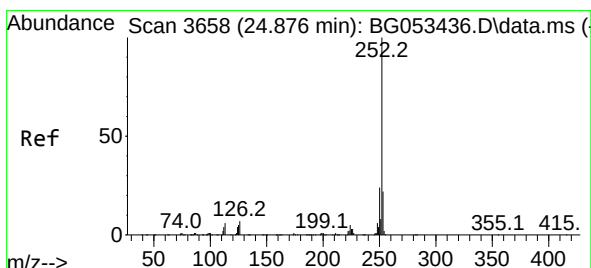
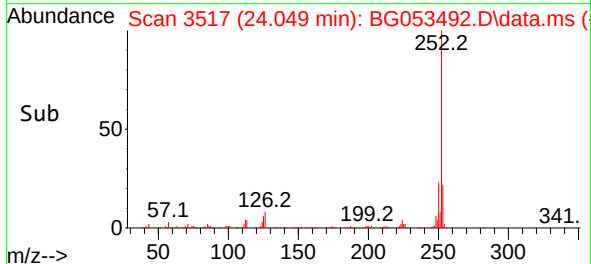
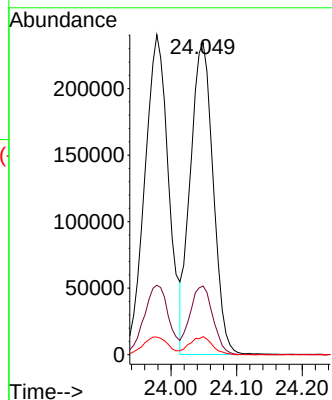
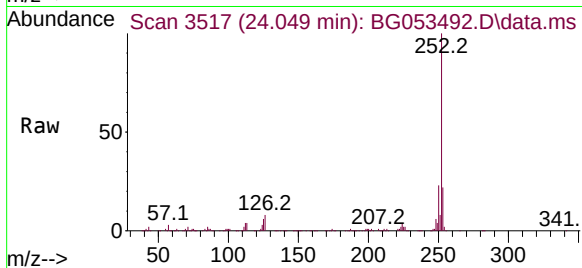
Tgt Ion:252 Resp: 564974

Ion Ratio Lower Upper

252 100

253 22.0 18.4 27.6

125 5.8 4.8 7.2



#90

Benzo(a)pyrene

Concen: 48.771 ng

RT: 24.871 min Scan# 3657

Delta R.T. -0.005 min

Lab File: BG053492.D

Acq: 9 May 2022 14:24

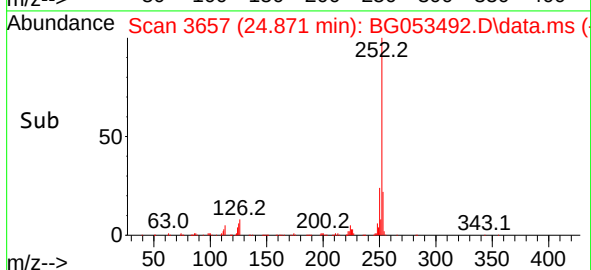
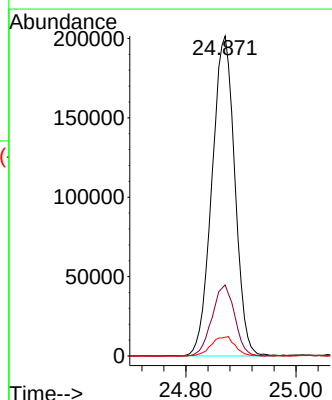
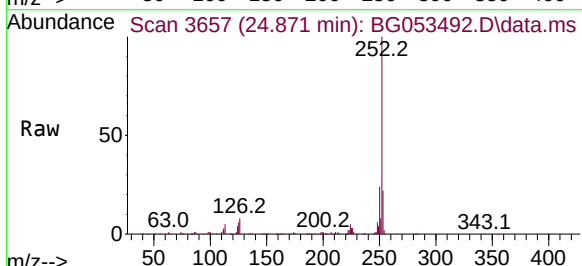
Tgt Ion:252 Resp: 581235

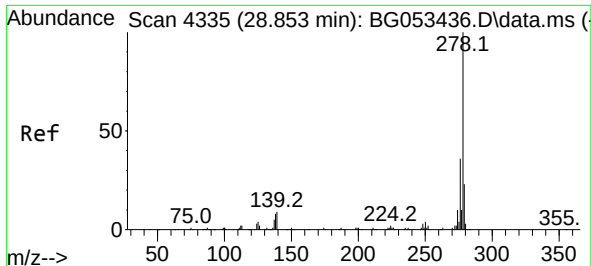
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 5.8 4.3 6.5

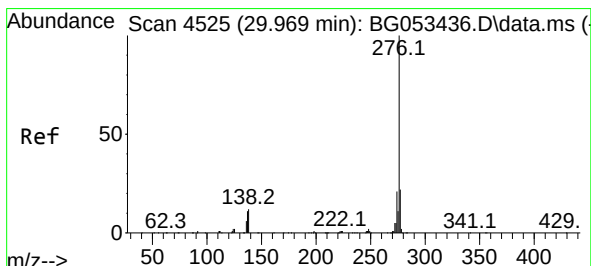
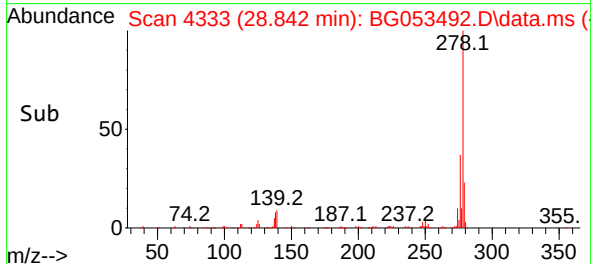
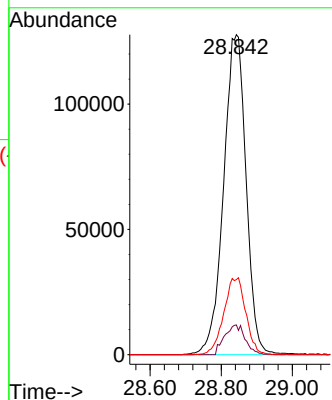
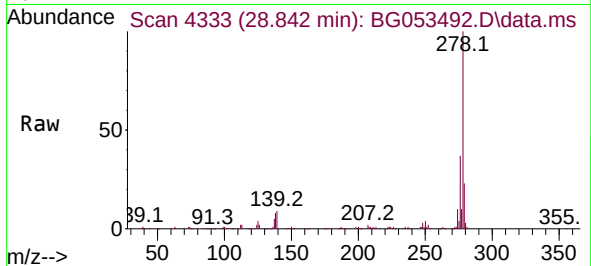




#91
Dibenzo(a,h)anthracene
Concen: 41.235 ng
RT: 28.842 min Scan# 41
Delta R.T. -0.011 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

Instrument :
BNA_G
ClientSampleId :
PB144673BS

Tgt Ion:278 Resp: 559796
Ion Ratio Lower Upper
278 100
139 9.3 7.2 10.8
279 23.4 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 41.662 ng
RT: 29.970 min Scan# 4525
Delta R.T. 0.001 min
Lab File: BG053492.D
Acq: 9 May 2022 14:24

Tgt Ion:276 Resp: 560632
Ion Ratio Lower Upper
276 100
277 23.4 17.3 25.9
138 10.1 9.6 14.4

