

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
 Data File : BG053644.D
 Acq On : 20 May 2022 15:06
 Operator : CG/JU
 Sample : PB144936BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144936BS

Quant Time: May 23 01:30:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 03:55:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	27189	20.000	ng	0.00
21) Naphthalene-d8	10.883	136	125739	20.000	ng	0.00
39) Acenaphthene-d10	14.695	164	98624	20.000	ng	0.00
64) Phenanthrene-d10	17.444	188	236005	20.000	ng	0.00
76) Chrysene-d12	21.721	240	215246	20.000	ng	-0.01
86) Perylene-d12	24.987	264	211426	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.637	112	213135	133.039	ng	0.00
7) Phenol-d6	7.235	99	323018	132.855	ng	0.00
23) Nitrobenzene-d5	9.232	82	220820	74.758	ng	0.00
42) 2,4,6-Tribromophenol	16.187	330	164922	113.380	ng	0.00
45) 2-Fluorobiphenyl	13.321	172	505520	74.901	ng	0.00
79) Terphenyl-d14	20.047	244	964438	83.450	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.505	88	21248	25.278	ng	97
3) Pyridine	3.910	79	53685	26.152	ng	88
4) n-Nitrosodimethylamine	3.822	42	37646	37.646	ng	94
6) Aniline	7.393	93	121691	45.189	ng	99
8) 2-Chlorophenol	7.634	128	80892	48.300	ng	99
9) Benzaldehyde	7.200	77	50087	32.427	ng	97
10) Phenol	7.264	94	116887	49.155	ng	96
11) bis(2-Chloroethyl)ether	7.481	93	74698	42.119	ng	97
12) 1,3-Dichlorobenzene	7.957	146	77752	39.353	ng	94
13) 1,4-Dichlorobenzene	8.104	146	80076	40.163	ng	96
14) 1,2-Dichlorobenzene	8.427	146	78832	42.106	ng	97
15) Benzyl Alcohol	8.304	79	90115	44.332	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.592	45	123151	42.665	ng	98
17) 2-Methylphenol	8.515	107	76240	47.436	ng	95
18) Hexachloroethane	9.150	117	29290	38.686	ng	94
19) n-Nitroso-di-n-propyla...	8.874	70	75999	43.565	ng	97
20) 3+4-Methylphenols	8.844	107	104544	46.056	ng	96
22) Acetophenone	8.891	105	132150	38.401	ng	# 98
24) Nitrobenzene	9.279	77	112317	39.287	ng	97
25) Isophorone	9.796	82	209228	42.089	ng	97
26) 2-Nitrophenol	9.990	139	45645	39.420	ng	96
27) 2,4-Dimethylphenol	10.049	122	82890	47.567	ng	94
28) bis(2-Chloroethoxy)met...	10.278	93	110794	38.752	ng	98
29) 2,4-Dichlorophenol	10.536	162	89773	42.685	ng	94
30) 1,2,4-Trichlorobenzene	10.742	180	89233	37.343	ng	95
31) Naphthalene	10.930	128	251768	39.363	ng	97
32) Benzoic acid	10.225	122	32679	33.183	ng	# 89
33) 4-Chloroaniline	11.041	127	80830	30.176	ng	96
34) Hexachlorobutadiene	11.218	225	62218	35.114	ng	96
35) Caprolactam	11.811	113	17994	23.544	ng	91
36) 4-Chloro-3-methylphenol	12.163	107	105732	42.029	ng	96
37) 2-Methylnaphthalene	12.528	142	184239	38.599	ng	99
38) 1-Methylnaphthalene	12.751	142	179213	38.482	ng	98
40) 1,2,4,5-Tetrachloroben...	12.904	216	117764	37.881	ng	99
41) Hexachlorocyclopentadiene	12.880	237	94441	75.181	ng	97
43) 2,4,6-Trichlorophenol	13.144	196	79301	39.079	ng	99

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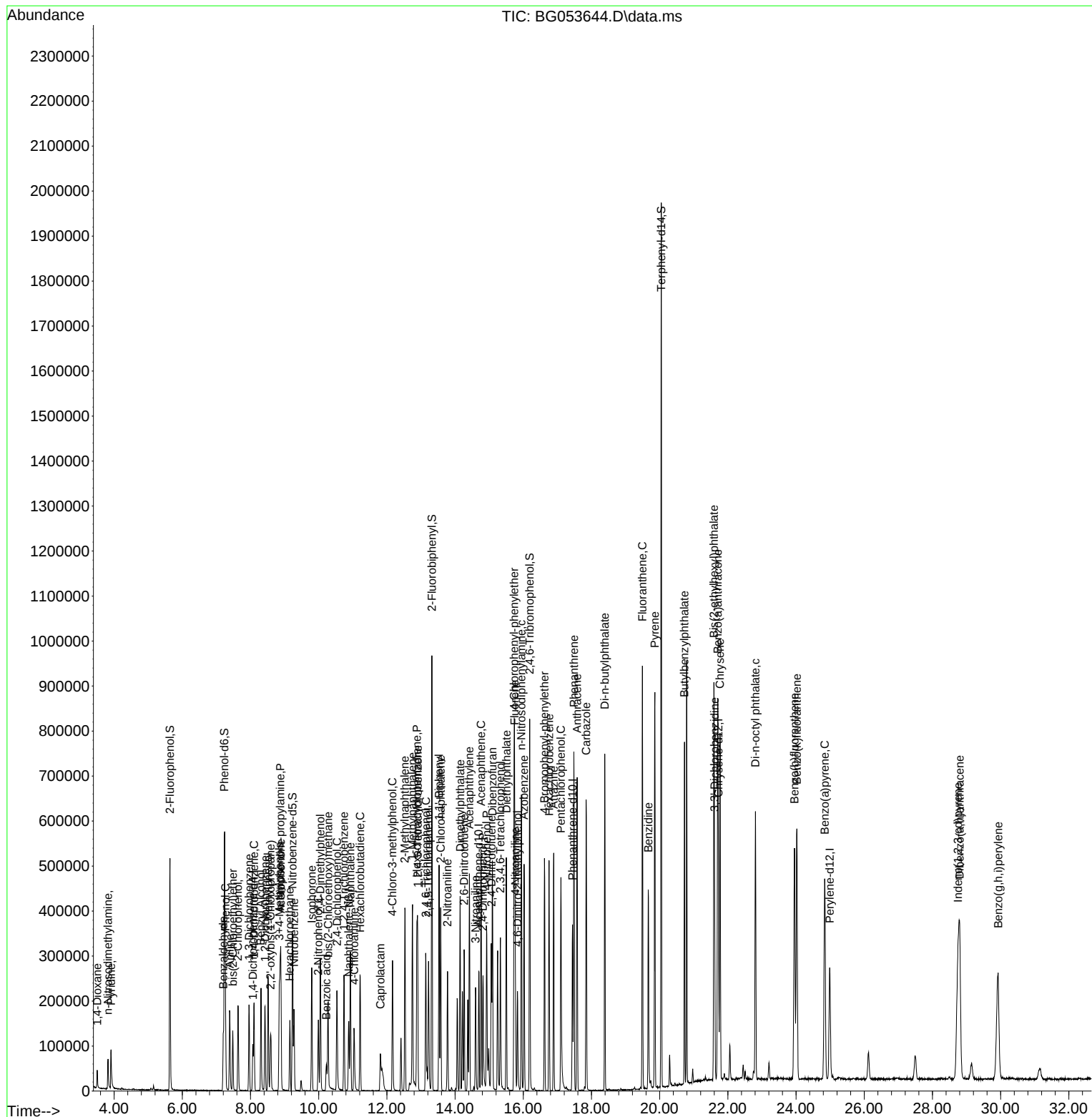
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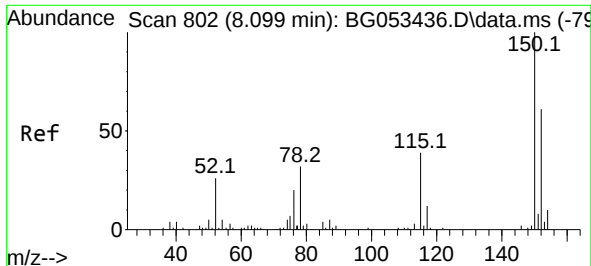
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.221	196	84656	39.198	ng	96
46) 1,1'-Biphenyl	13.532	154	263864	39.250	ng	98
47) 2-Chloronaphthalene	13.579	162	202085	38.368	ng	98
48) 2-Nitroaniline	13.779	65	81439	41.496	ng	99
49) Acenaphthylene	14.419	152	351789	41.856	ng	99
50) Dimethylphthalate	14.149	163	287233	38.326	ng	100
51) 2,6-Dinitrotoluene	14.266	165	61293	40.143	ng	97
52) Acenaphthene	14.760	154	194984	38.928	ng	98
53) 3-Nitroaniline	14.601	138	54828	33.234	ng	99
54) 2,4-Dinitrophenol	14.819	184	66861	69.845	ng	97
55) Dibenzofuran	15.095	168	336876	37.444	ng	98
56) 4-Nitrophenol	14.930	139	93499	79.348	ng	97
57) 2,4-Dinitrotoluene	15.065	165	88706	40.080	ng	# 99
58) Fluorene	15.747	166	278794	38.615	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.330	232	82198	37.511	ng	97
60) Diethylphthalate	15.506	149	296463	38.295	ng	97
61) 4-Chlorophenyl-phenyle...	15.729	204	151239	37.540	ng	99
62) 4-Nitroaniline	15.764	138	66341	38.770	ng	# 84
63) Azobenzene	16.023	77	304942	38.467	ng	98
65) 4,6-Dinitro-2-methylph...	15.829	198	52788	37.537	ng	97
66) n-Nitrosodiphenylamine	15.947	169	253043	40.837	ng	99
67) 4-Bromophenyl-phenylether	16.622	248	106998	38.820	ng	96
68) Hexachlorobenzene	16.757	284	115356	38.215	ng	99
69) Atrazine	16.892	200	103885	39.825	ng	97
70) Pentachlorophenol	17.104	266	112350	69.745	ng	95
71) Phenanthrene	17.486	178	475343	39.611	ng	98
72) Anthracene	17.580	178	478594	40.575	ng	98
73) Carbazole	17.844	167	437615	37.856	ng	99
74) Di-n-butylphthalate	18.390	149	513230	39.475	ng	99
75) Fluoranthene	19.495	202	584784	37.635	ng	98
77) Benzidine	19.671	184	290319	62.578	ng	97
78) Pyrene	19.859	202	581759	41.751	ng	99
80) Butylbenzylphthalate	20.728	149	214751	42.030	ng	97
81) Benzo(a)anthracene	21.703	228	550447	40.094	ng	99
82) 3,3'-Dichlorobenzidine	21.609	252	166199	47.738	ng	96
83) Chrysene	21.768	228	502059	39.155	ng	96
84) Bis(2-ethylhexyl)phtha...	21.592	149	306587	43.473	ng	99
85) Di-n-octyl phthalate	22.808	149	512476	42.974	ng	99
87) Indeno(1,2,3-cd)pyrene	28.747	276	588796	39.985	ng	# 99
88) Benzo(b)fluoranthene	23.953	252	552894	44.180	ng	99
89) Benzo(k)fluoranthene	24.024	252	518431	42.157	ng	98
90) Benzo(a)pyrene	24.840	252	525246	49.310	ng	# 98
91) Dibenzo(a,h)anthracene	28.800	278	516043	42.530	ng	100
92) Benzo(g,h,i)perylene	29.928	276	506998	42.154	ng	96

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

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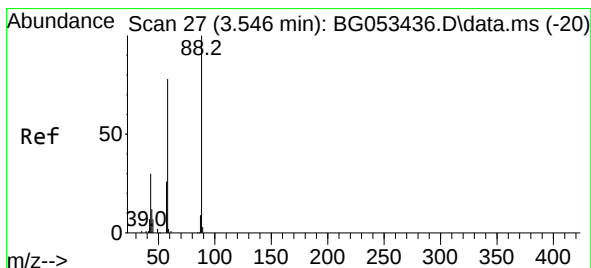
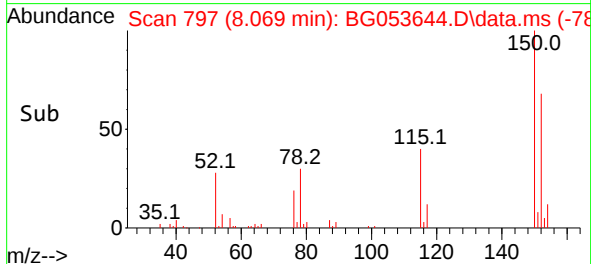
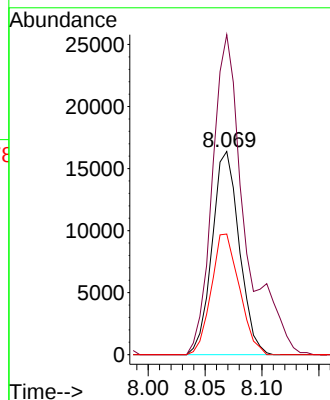
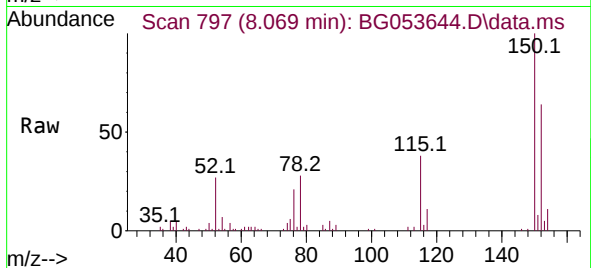




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.069 min Scan# 79
Delta R.T. -0.006 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

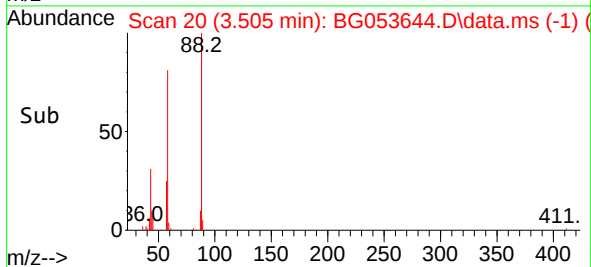
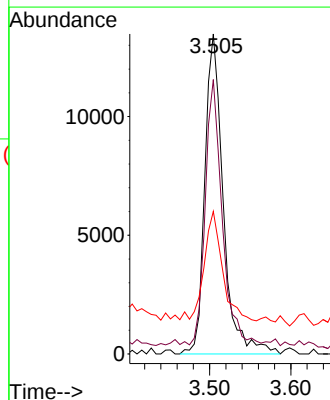
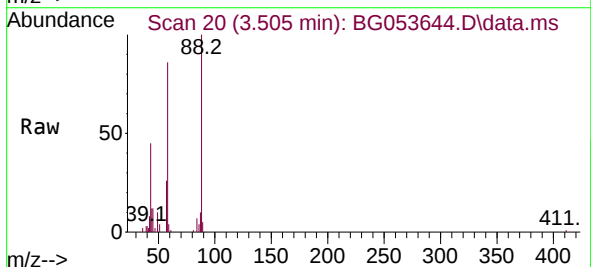
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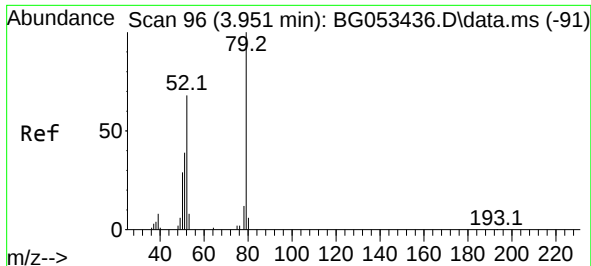
Tgt Ion:152 Resp: 27189
Ion Ratio Lower Upper
152 100
150 157.4 131.6 197.4
115 59.4 50.9 76.3



#2
1,4-Dioxane
Concen: 25.278 ng
RT: 3.505 min Scan# 20
Delta R.T. -0.012 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

Tgt Ion: 88 Resp: 21248
Ion Ratio Lower Upper
88 100
58 75.6 59.2 88.8
43 33.1 24.3 36.5





#3

Pyridine

Concen: 26.152 ng

RT: 3.910 min Scan# 89

Delta R.T. -0.012 min

Lab File: BG053644.D

Acq: 20 May 2022 15:06

Instrument :

BNA_G

ClientSampleId :

PB144936BS

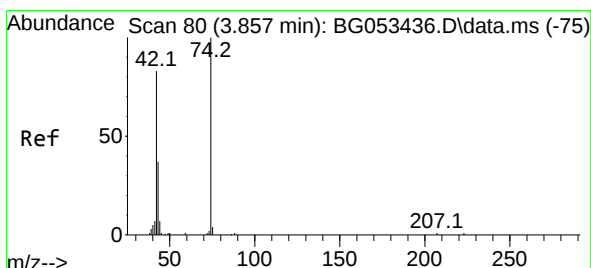
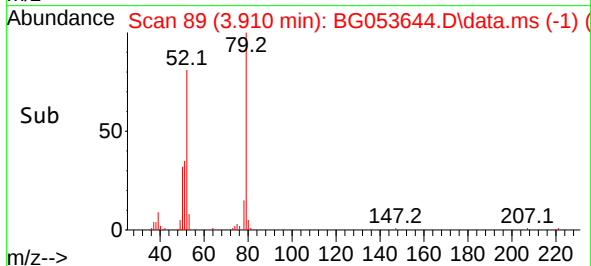
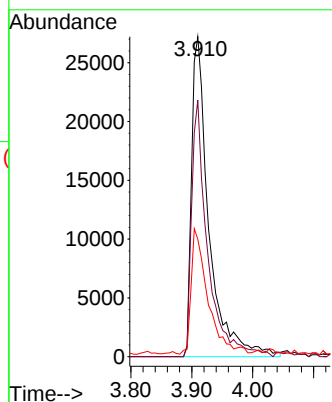
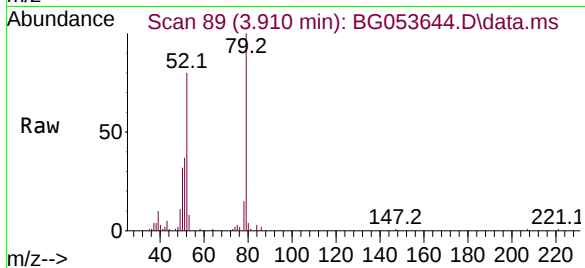
Tgt Ion: 79 Resp: 53685

Ion Ratio Lower Upper

79 100

52 80.2 54.6 81.8

51 36.7 32.5 48.7



#4

n-Nitrosodimethylamine

Concen: 37.646 ng

RT: 3.822 min Scan# 74

Delta R.T. -0.012 min

Lab File: BG053644.D

Acq: 20 May 2022 15:06

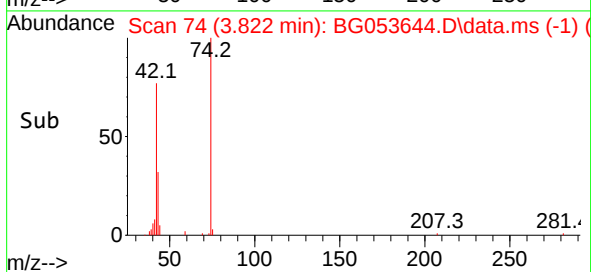
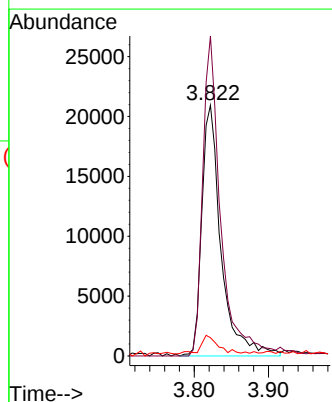
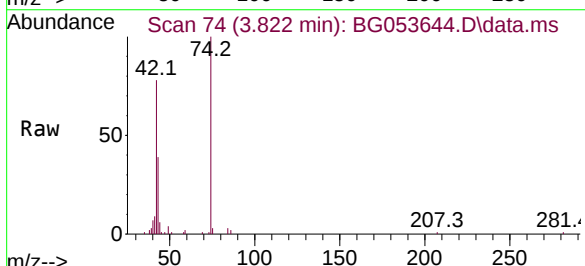
Tgt Ion: 42 Resp: 37646

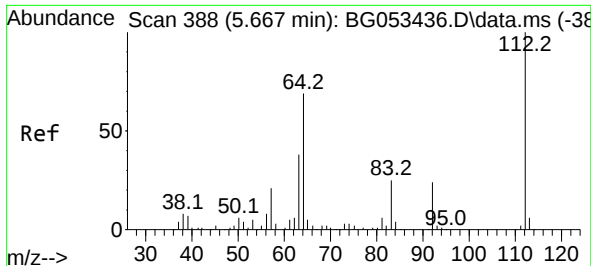
Ion Ratio Lower Upper

42 100

74 127.7 97.0 145.4

44 7.3 7.0 10.4

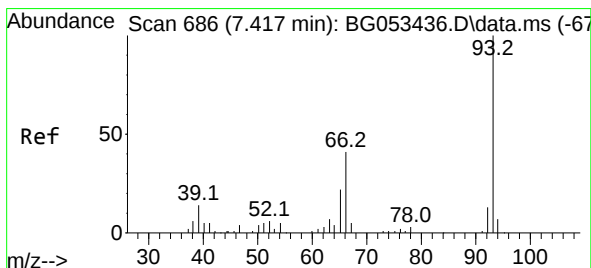
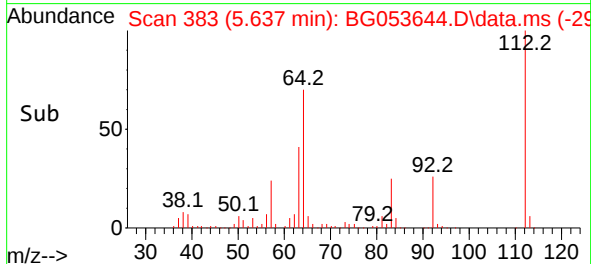
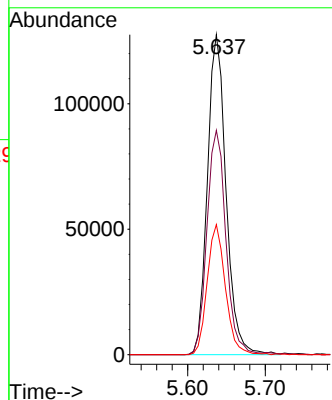
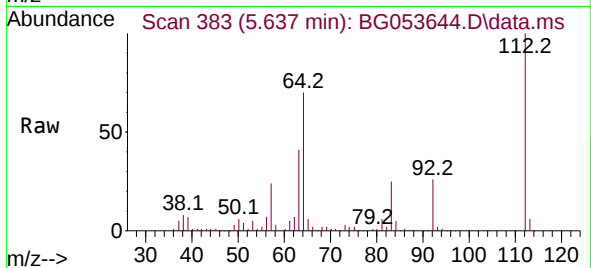




#5
2-Fluorophenol
Concen: 133.039 ng
RT: 5.637 min Scan# 311
Delta R.T. -0.006 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

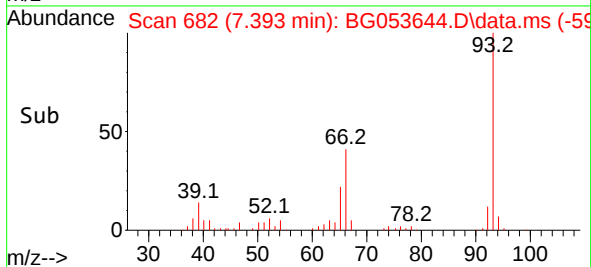
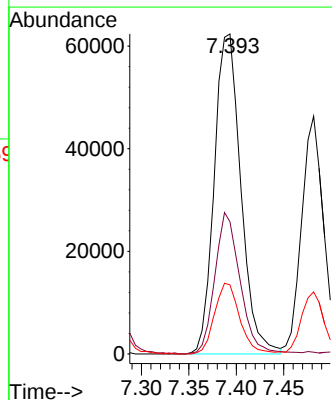
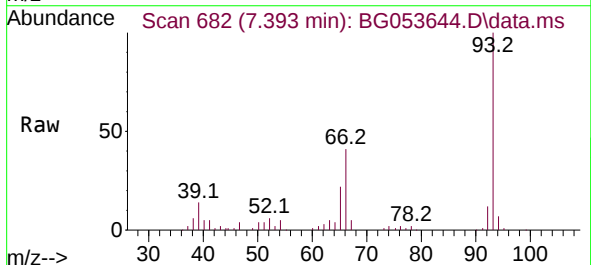
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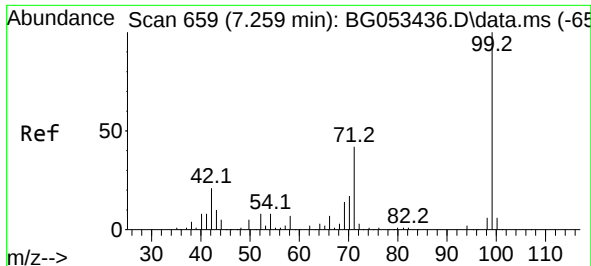
Tgt Ion:112 Resp: 213135
Ion Ratio Lower Upper
112 100
64 70.1 55.1 82.7
63 40.7 30.4 45.6



#6
Aniline
Concen: 45.189 ng
RT: 7.393 min Scan# 682
Delta R.T. -0.006 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

Tgt Ion: 93 Resp: 121691
Ion Ratio Lower Upper
93 100
66 41.3 32.9 49.3
65 21.6 17.8 26.8

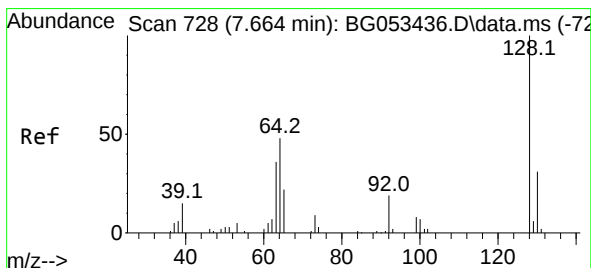
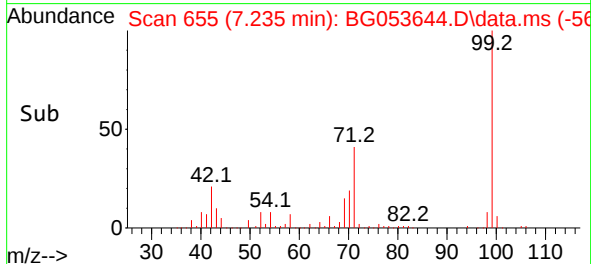
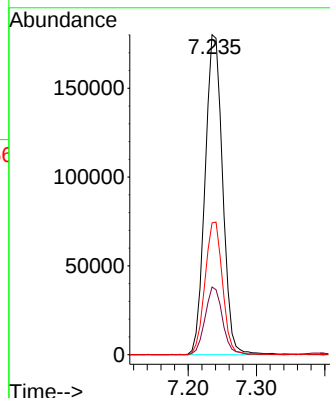
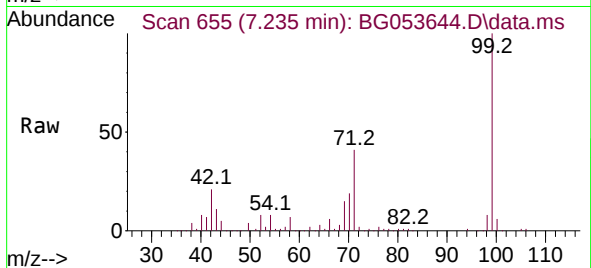




#7
Phenol-d6
Concen: 132.855 ng
RT: 7.235 min Scan# 611
Delta R.T. -0.006 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

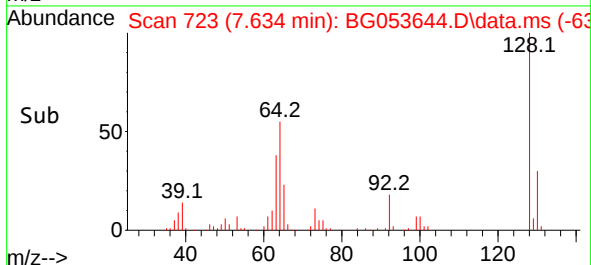
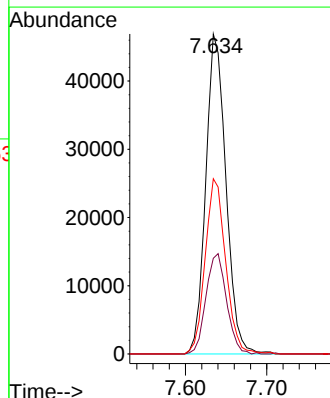
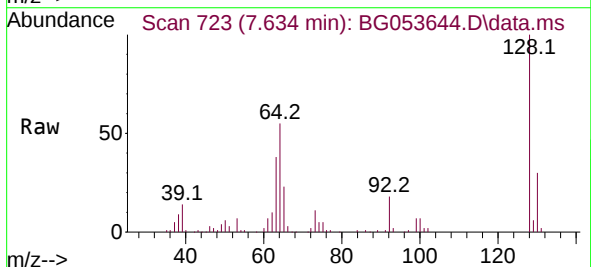
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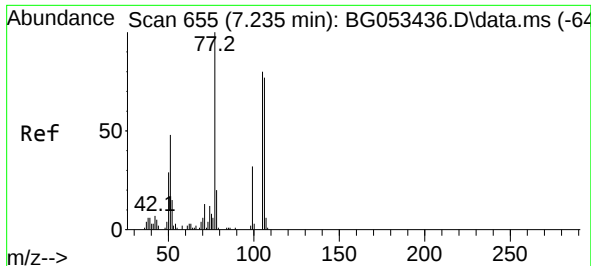
Tgt Ion: 99 Resp: 323018
Ion Ratio Lower Upper
99 100
42 21.2 17.0 25.6
71 41.2 33.8 50.8



#8
2-Chlorophenol
Concen: 48.300 ng
RT: 7.634 min Scan# 723
Delta R.T. -0.012 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

Tgt Ion: 128 Resp: 80892
Ion Ratio Lower Upper
128 100
130 29.9 10.5 50.5
64 54.7 35.1 75.1

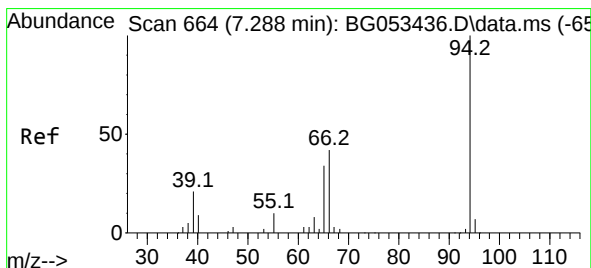
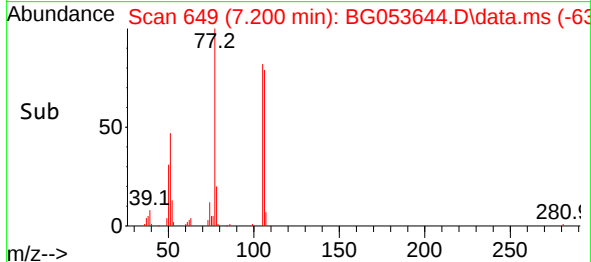
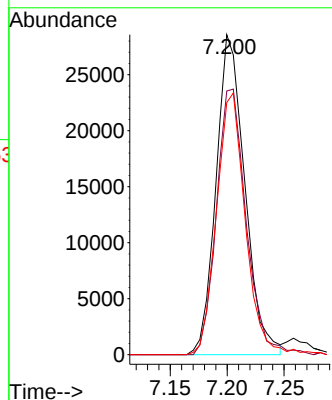
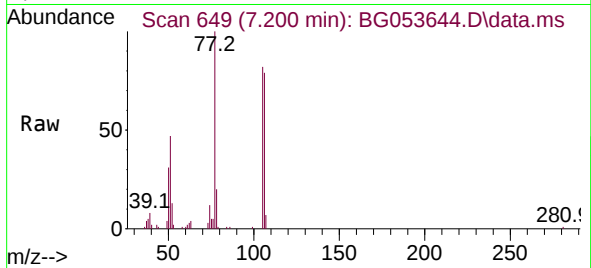




#9
Benzaldehyde
Concen: 32.427 ng
RT: 7.200 min Scan# 649
Delta R.T. -0.012 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

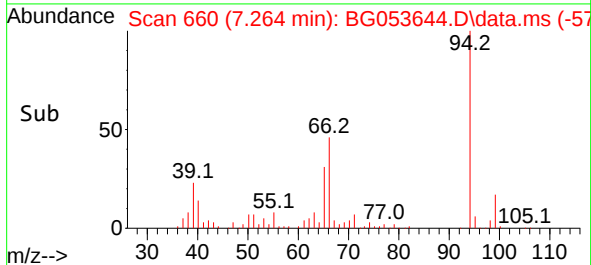
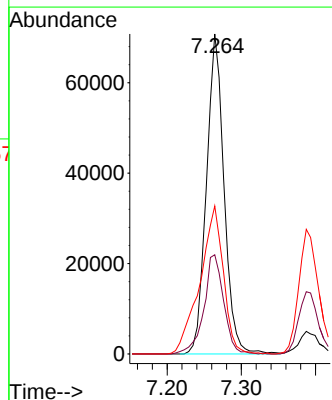
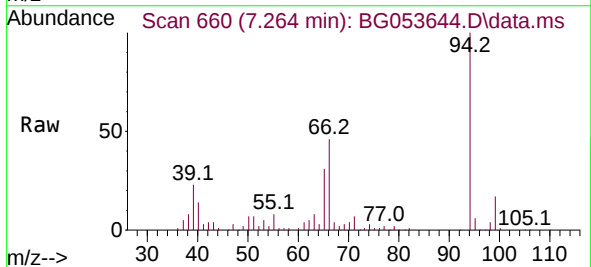
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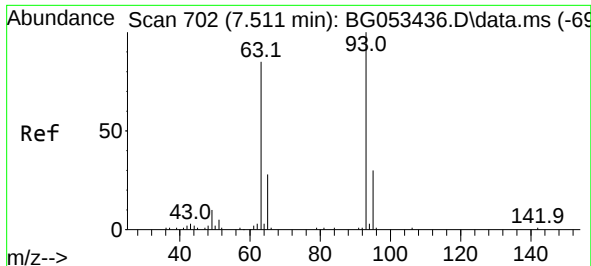
Tgt Ion: 77 Resp: 50087
Ion Ratio Lower Upper
77 100
105 82.4 59.6 99.6
106 78.7 56.8 96.8



#10
Phenol
Concen: 49.155 ng
RT: 7.264 min Scan# 660
Delta R.T. -0.006 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

Tgt Ion: 94 Resp: 116887
Ion Ratio Lower Upper
94 100
65 31.0 14.8 54.8
66 46.2 25.2 65.2





#11

bis(2-Chloroethyl)ether

Concen: 42.119 ng

RT: 7.481 min Scan# 697

Delta R.T. -0.006 min

Lab File: BG053644.D

Acq: 20 May 2022 15:06

Instrument :

BNA_G

ClientSampleId :

PB144936BS

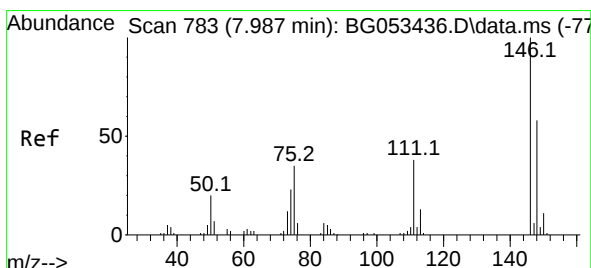
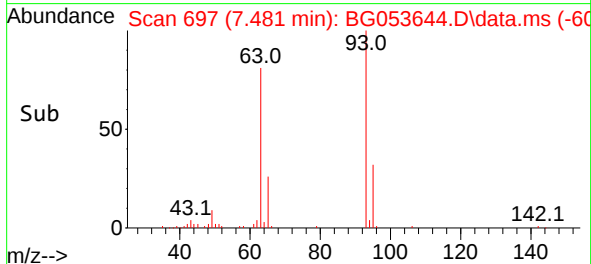
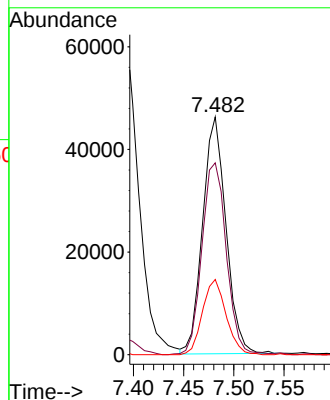
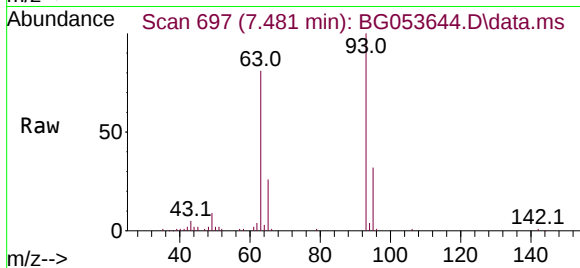
Tgt Ion: 93 Resp: 74698

Ion Ratio Lower Upper

93 100

63 80.7 63.6 103.6

95 31.6 10.1 50.1



#12

1,3-Dichlorobenzene

Concen: 39.353 ng

RT: 7.957 min Scan# 778

Delta R.T. -0.006 min

Lab File: BG053644.D

Acq: 20 May 2022 15:06

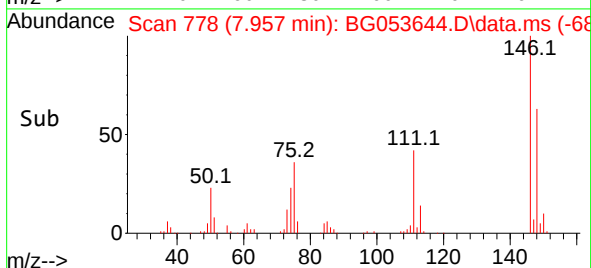
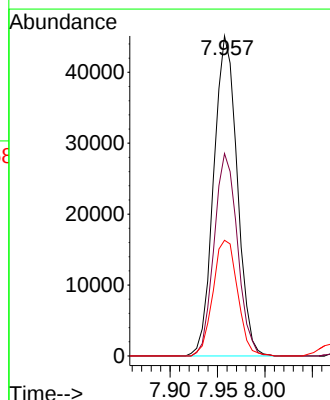
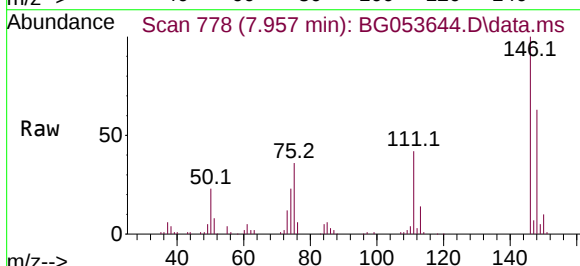
Tgt Ion:146 Resp: 77752

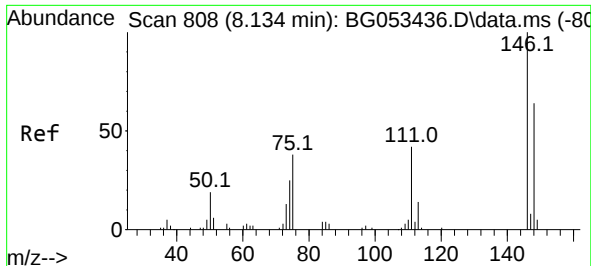
Ion Ratio Lower Upper

146 100

148 63.3 46.1 69.1

75 36.2 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 40.163 ng

RT: 8.104 min Scan# 808

Delta R.T. -0.006 min

Lab File: BG053644.D

Acq: 20 May 2022 15:06

Instrument :

BNA_G

ClientSampleId :

PB144936BS

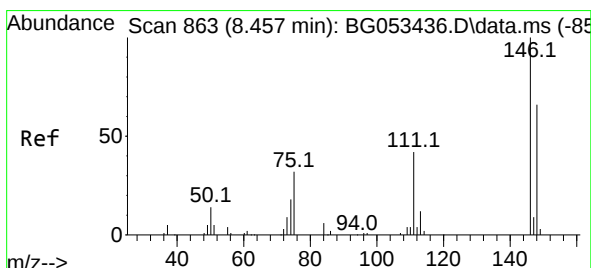
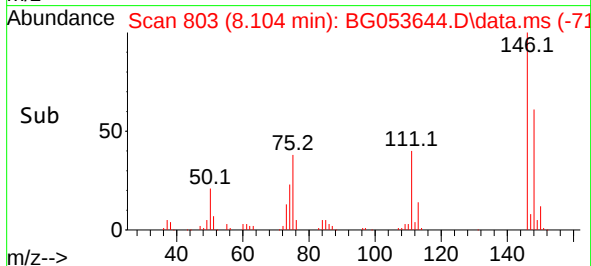
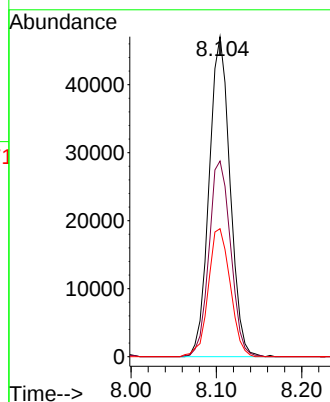
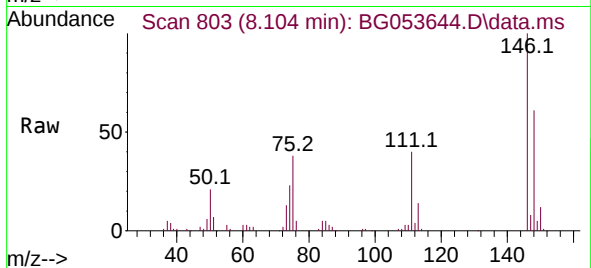
Tgt Ion:146 Resp: 80076

Ion Ratio Lower Upper

146 100

148 61.1 51.5 77.3

111 40.0 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 42.106 ng

RT: 8.427 min Scan# 858

Delta R.T. -0.006 min

Lab File: BG053644.D

Acq: 20 May 2022 15:06

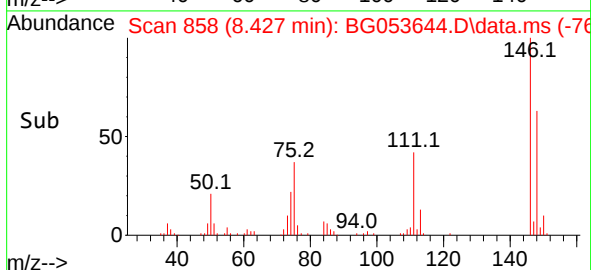
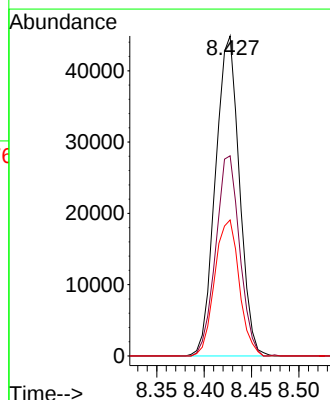
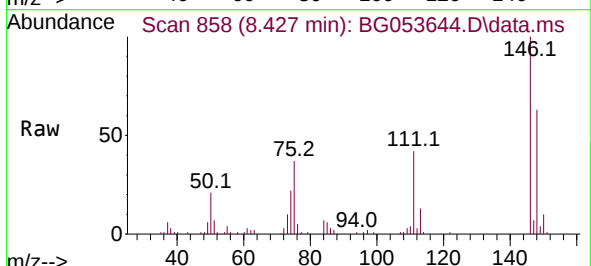
Tgt Ion:146 Resp: 78832

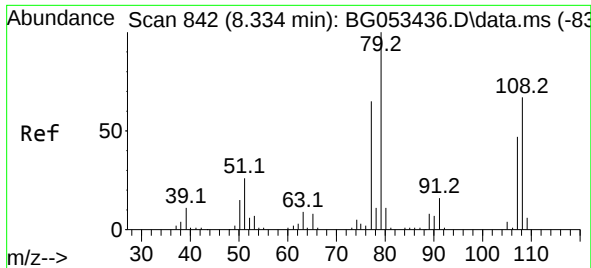
Ion Ratio Lower Upper

146 100

148 62.6 52.6 78.8

111 42.5 34.5 51.7

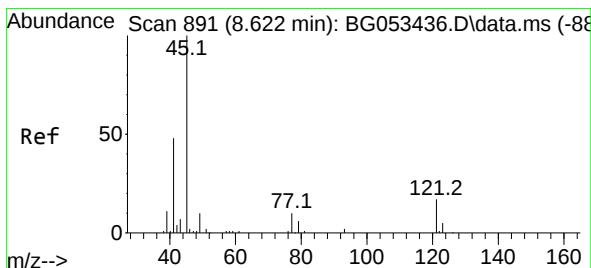
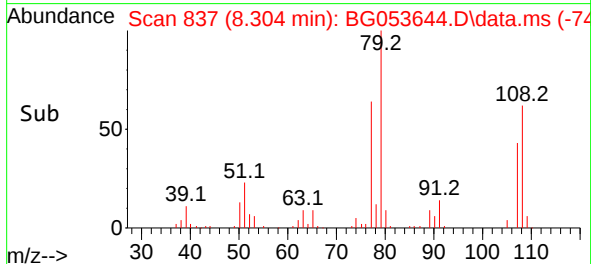
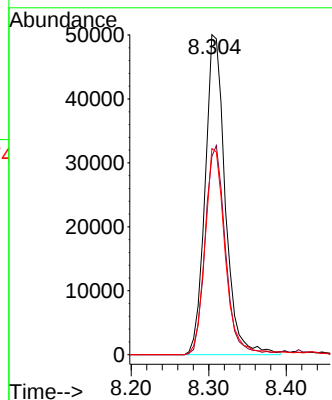
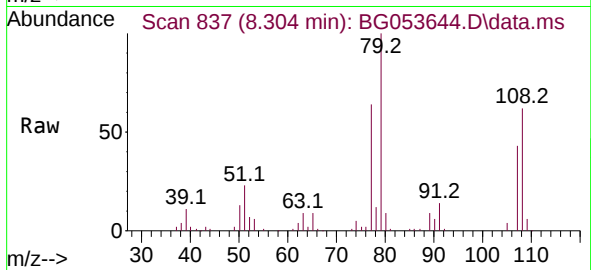




#15
Benzyl Alcohol
Concen: 44.332 ng
RT: 8.304 min Scan# 811
Delta R.T. -0.012 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

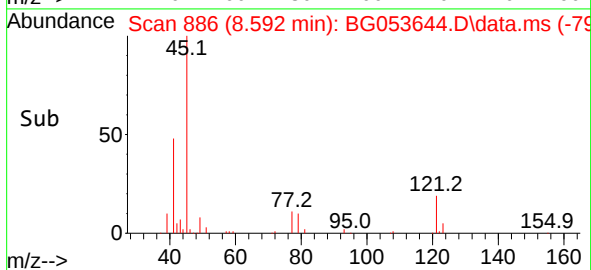
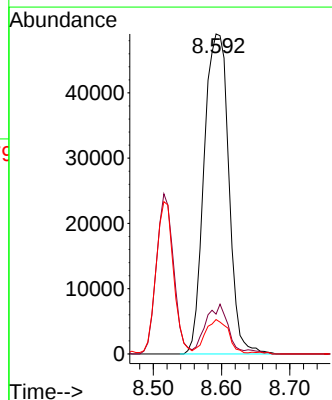
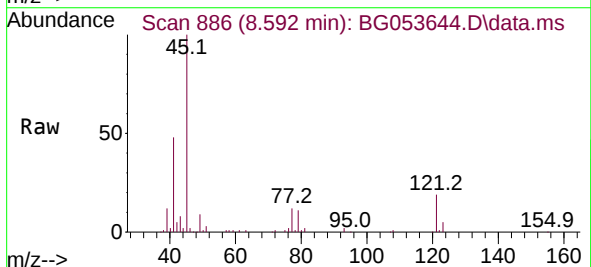
Instrument :
BNA_G
ClientSampleId :
PB144936BS

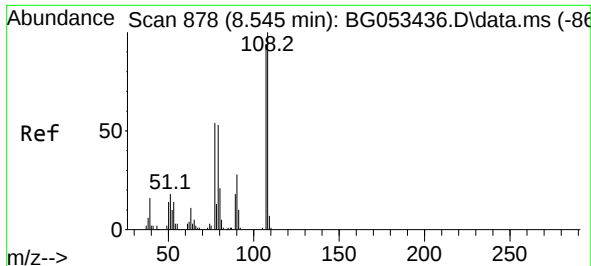
Tgt Ion: 79 Resp: 90115
Ion Ratio Lower Upper
79 100
108 61.9 53.7 80.5
77 64.4 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.665 ng
RT: 8.592 min Scan# 886
Delta R.T. -0.006 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

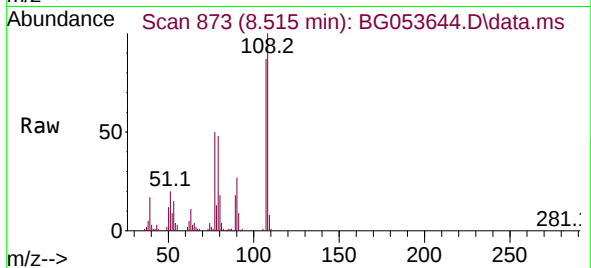
Tgt Ion: 45 Resp: 123151
Ion Ratio Lower Upper
45 100
77 12.4 0.0 32.7
79 10.8 0.0 29.7



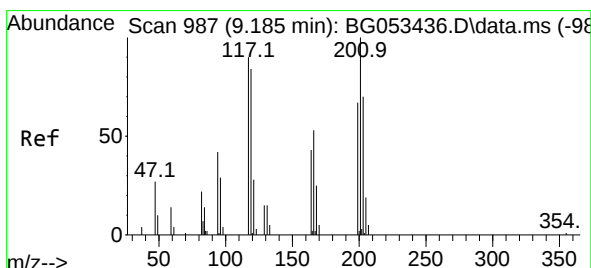
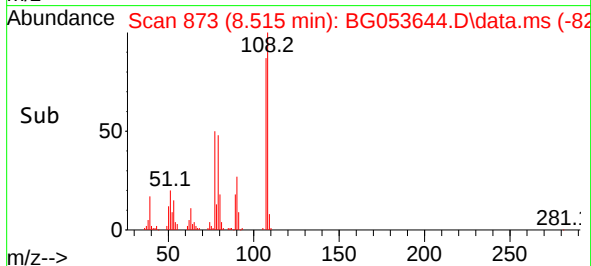
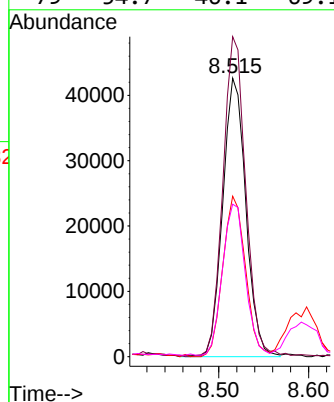


#17
2-Methylphenol
Concen: 47.436 ng
RT: 8.515 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

Instrument :
BNA_G
ClientSampleId :
PB144936BS

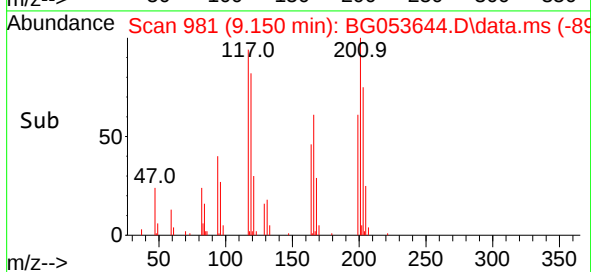
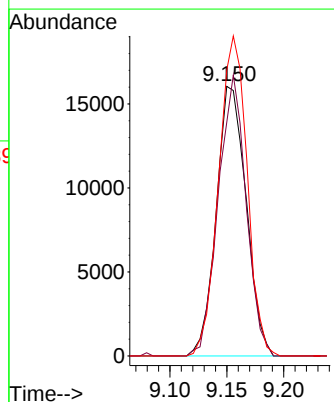
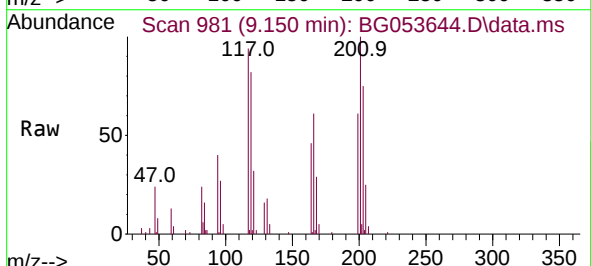


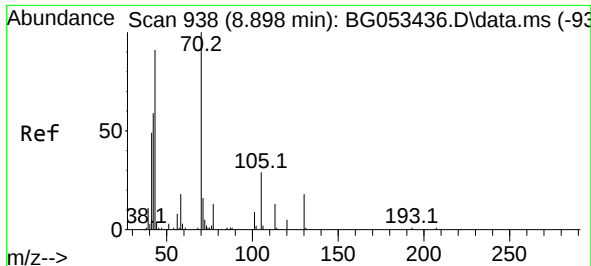
Tgt Ion:	107	Resp:	76240
Ion	Ratio	Lower	Upper
107	100		
108	114.9	85.4	128.0
77	57.6	46.2	69.2
79	54.7	46.1	69.1



#18
Hexachloroethane
Concen: 38.686 ng
RT: 9.150 min Scan# 981
Delta R.T. -0.012 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

Tgt Ion:	117	Resp:	29290
Ion	Ratio	Lower	Upper
117	100		
119	86.6	75.0	112.6
201	106.1	89.0	133.6

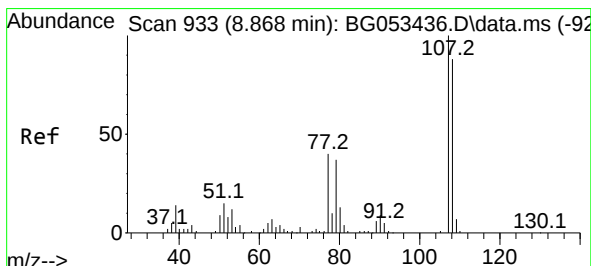
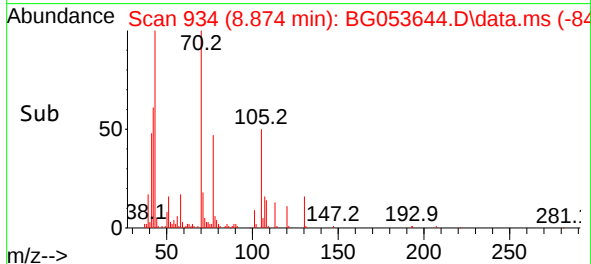
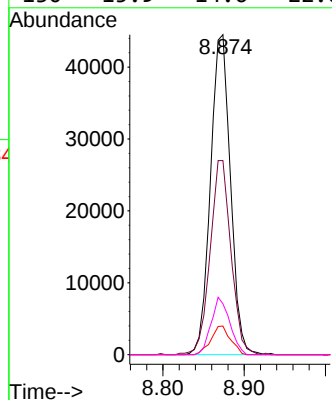
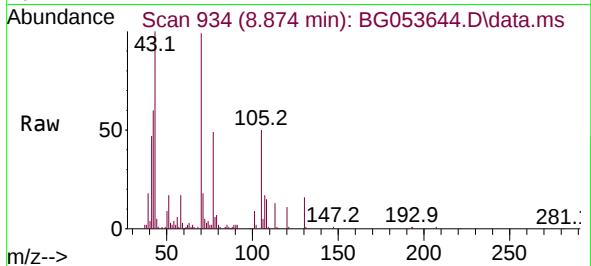




#19
n-Nitroso-di-n-propylamine
Concen: 43.565 ng
RT: 8.874 min Scan# 919
Delta R.T. -0.006 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

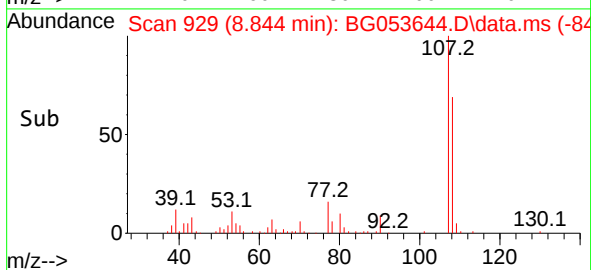
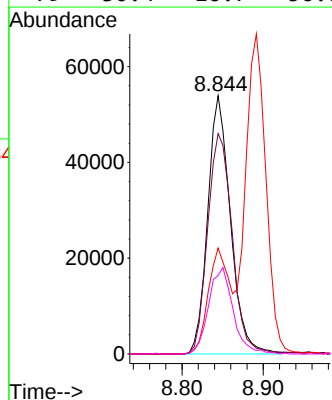
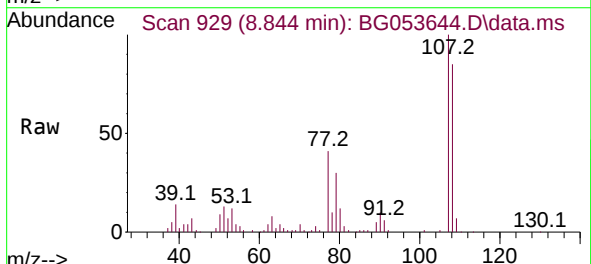
Instrument :
BNA_G
ClientSampleId :
PB144936BS

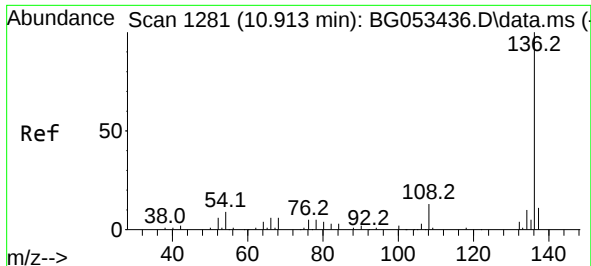
Tgt Ion:	70	Resp:	75999
Ion	Ratio	Lower	Upper
70	100		
42	60.7	47.3	70.9
101	9.0	7.0	10.4
130	15.9	14.6	22.0



#20
3+4-Methylphenols
Concen: 46.056 ng
RT: 8.844 min Scan# 929
Delta R.T. -0.006 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

Tgt Ion:	107	Resp:	104544
Ion	Ratio	Lower	Upper
107	100		
108	85.3	67.5	107.5
77	41.0	20.3	60.3
79	30.4	16.7	56.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.883 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

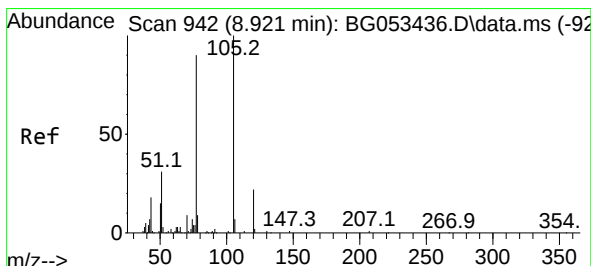
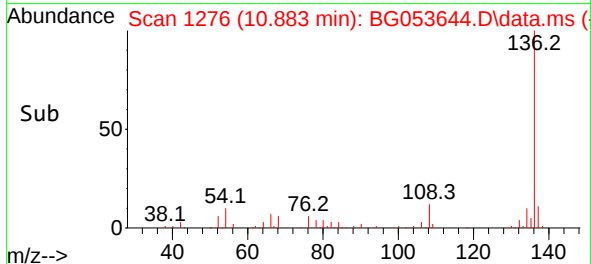
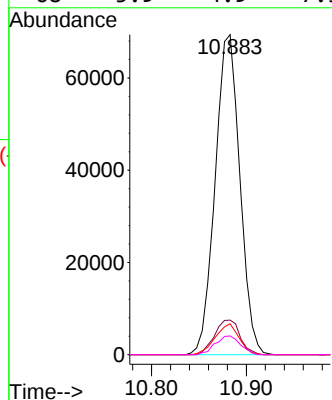
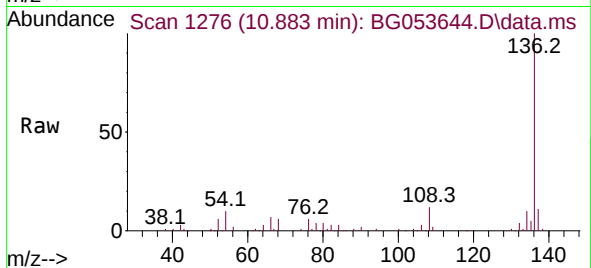
Instrument :

BNA_G

ClientSampleId :

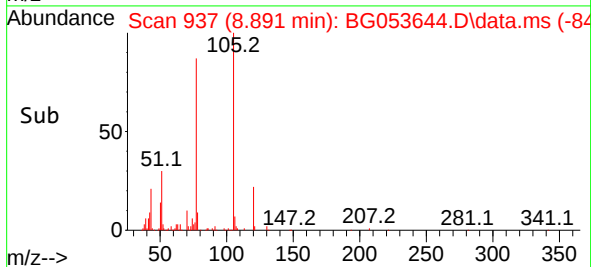
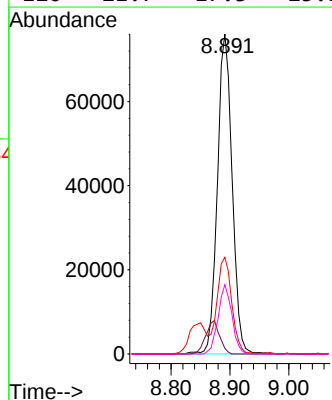
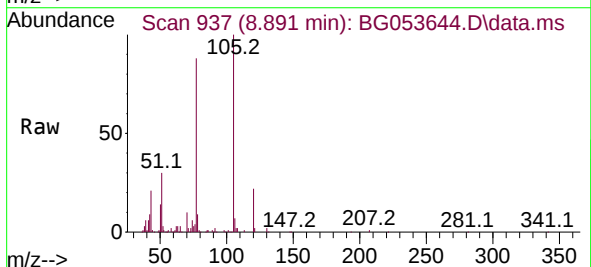
PB144936BS

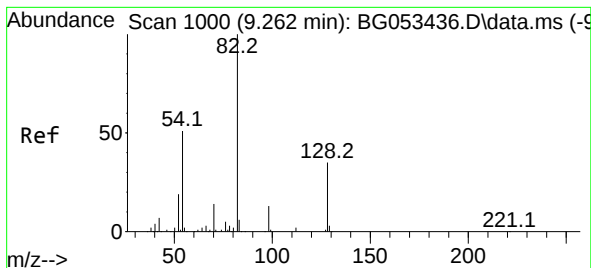
Tgt Ion:136 Resp: 125739
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 9.6 7.4 11.2
68 5.9 4.9 7.3



#22
Acetophenone
Concen: 38.401 ng
RT: 8.891 min Scan# 937
Delta R.T. -0.006 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

Tgt Ion:105 Resp: 132150
Ion Ratio Lower Upper
105 100
71 1.8 1.1 1.7#
51 30.2 25.4 38.0
120 21.7 17.3 25.9





#23

Nitrobenzene-d5

Concen: 74.758 ng

RT: 9.232 min Scan# 91

Delta R.T. -0.006 min

Lab File: BG053644.D

Acq: 20 May 2022 15:06

Instrument :

BNA_G

ClientSampleId :

PB144936BS

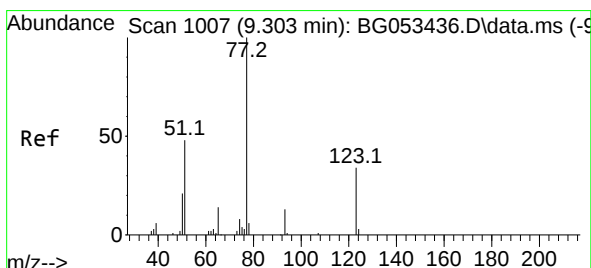
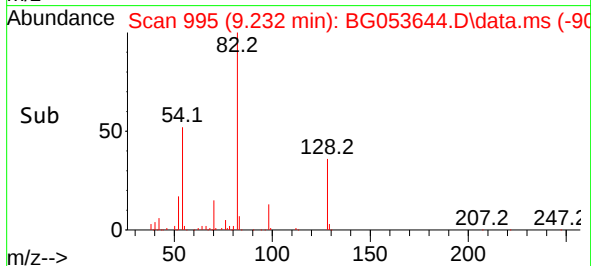
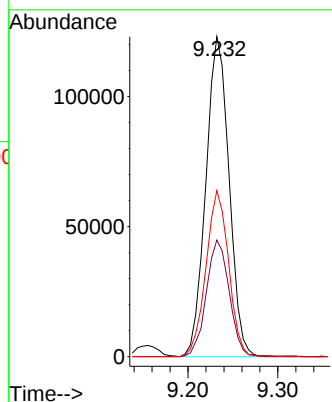
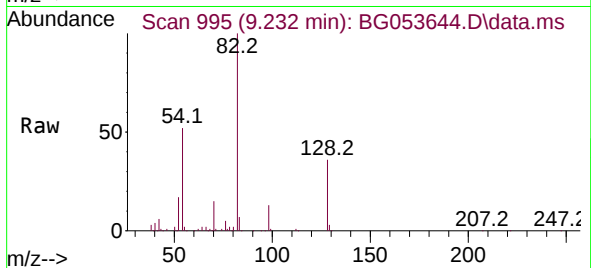
Tgt Ion: 82 Resp: 220820

Ion Ratio Lower Upper

82 100

128 36.4 27.9 41.9

54 51.9 41.2 61.8



#24

Nitrobenzene

Concen: 39.287 ng

RT: 9.279 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BG053644.D

Acq: 20 May 2022 15:06

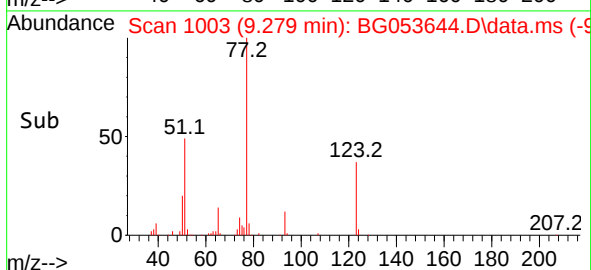
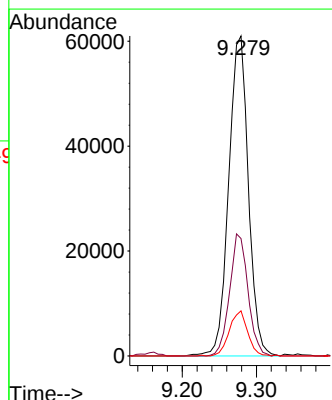
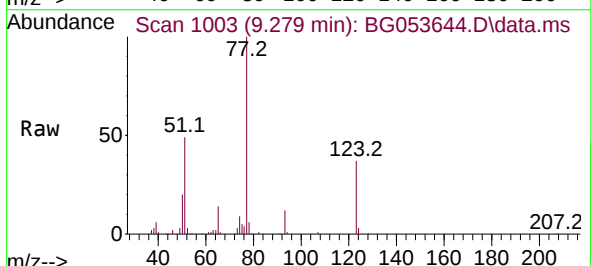
Tgt Ion: 77 Resp: 112317

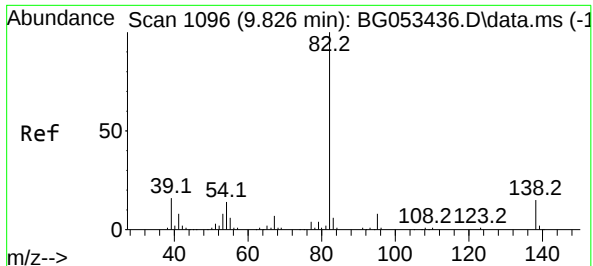
Ion Ratio Lower Upper

77 100

123 36.7 27.4 41.0

65 14.1 11.4 17.0

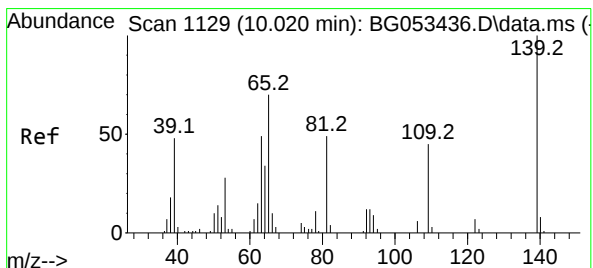
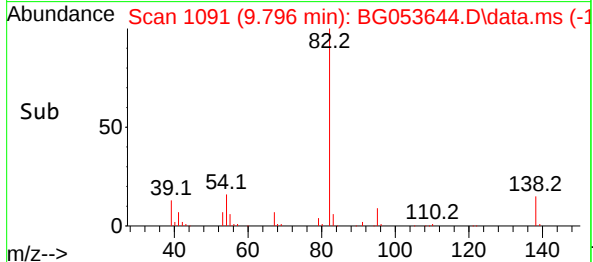
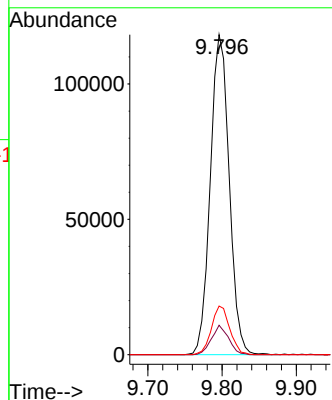
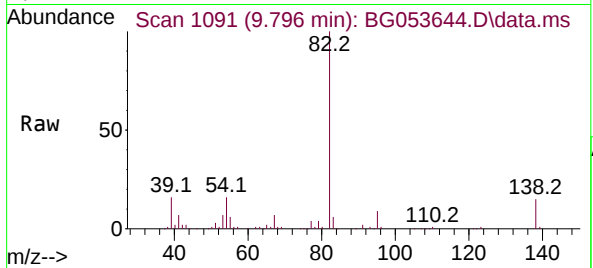




#25
Isophorone
Concen: 42.089 ng
RT: 9.796 min Scan# 110
Delta R.T. -0.006 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

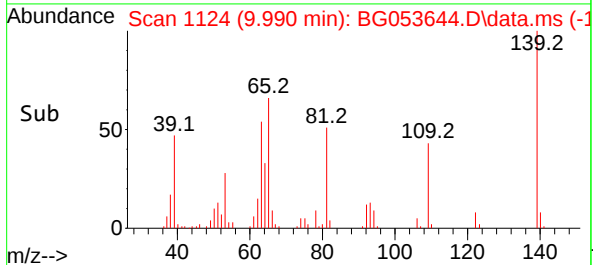
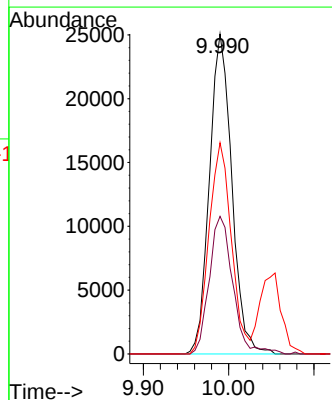
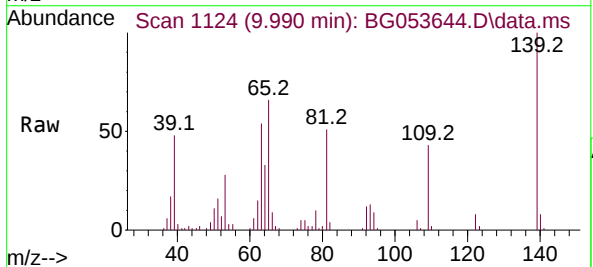
Instrument :
BNA_G
ClientSampleId :
PB144936BS

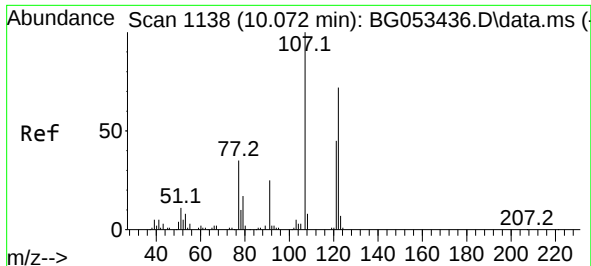
Tgt Ion: 82 Resp: 209228
Ion Ratio Lower Upper
82 100
95 9.2 6.2 9.4
138 15.2 11.6 17.4



#26
2-Nitrophenol
Concen: 39.420 ng
RT: 9.990 min Scan# 1124
Delta R.T. -0.006 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

Tgt Ion:139 Resp: 45645
Ion Ratio Lower Upper
139 100
109 43.0 36.1 54.1
65 66.0 55.8 83.6

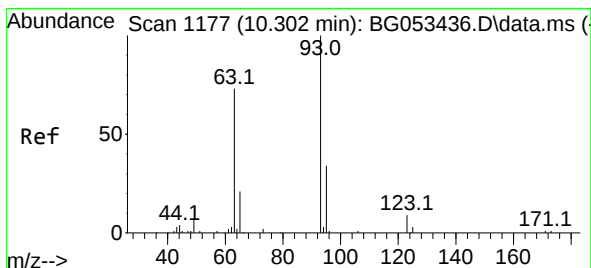
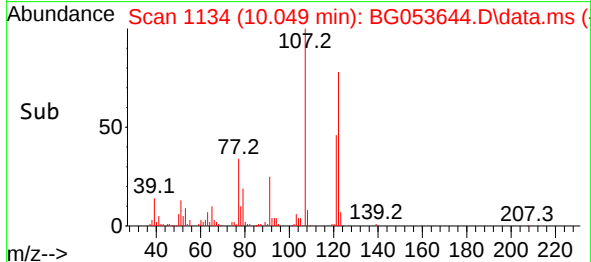
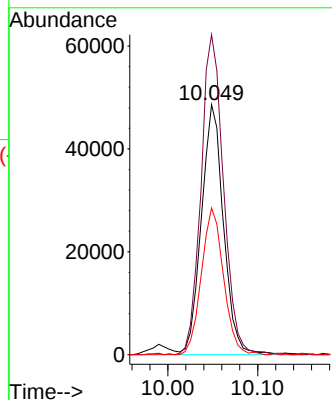
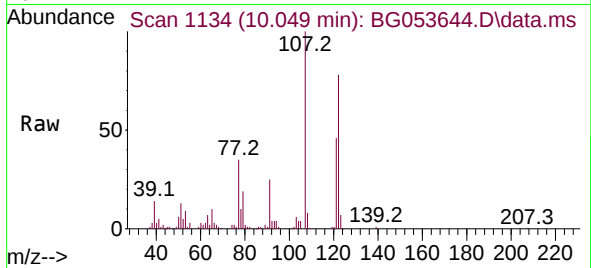




#27
2,4-Dimethylphenol
Concen: 47.567 ng
RT: 10.049 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

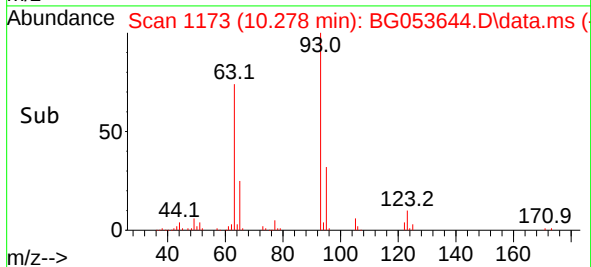
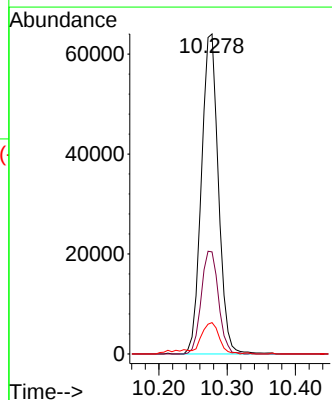
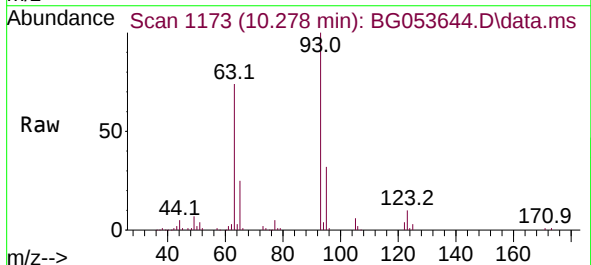
Instrument :
BNA_G
ClientSampleId :
PB144936BS

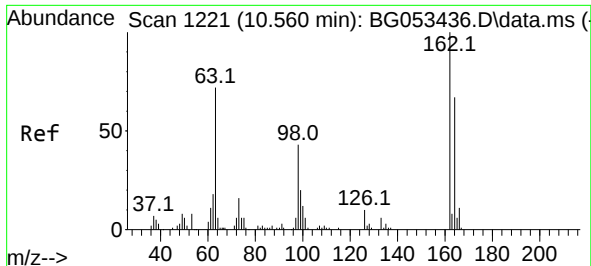
Tgt Ion:122 Resp: 82890
Ion Ratio Lower Upper
122 100
107 127.9 109.4 164.0
121 58.7 48.7 73.1



#28
bis(2-Chloroethoxy)methane
Concen: 38.752 ng
RT: 10.278 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

Tgt Ion: 93 Resp: 110794
Ion Ratio Lower Upper
93 100
95 31.9 26.9 40.3
123 9.8 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 42.685 ng

RT: 10.536 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG053644.D

Acq: 20 May 2022 15:06

Instrument :

BNA_G

ClientSampleId :

PB144936BS

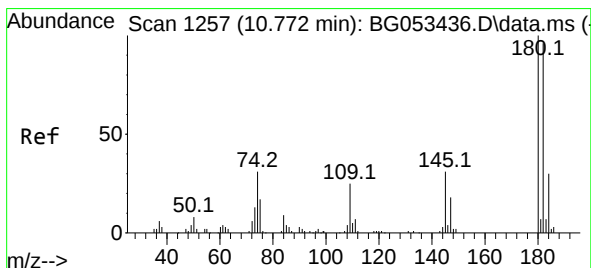
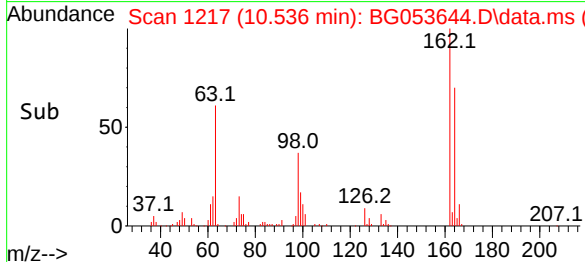
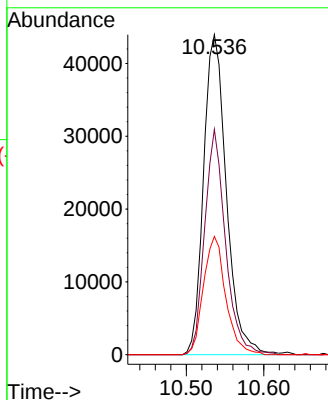
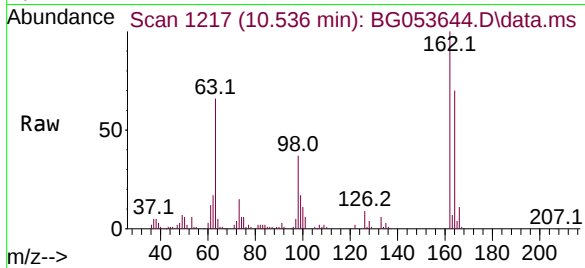
Tgt Ion:162 Resp: 89773

Ion Ratio Lower Upper

162 100

164 70.4 46.6 86.6

98 36.9 22.8 62.8



#30

1,2,4-Trichlorobenzene

Concen: 37.343 ng

RT: 10.742 min Scan# 1252

Delta R.T. -0.006 min

Lab File: BG053644.D

Acq: 20 May 2022 15:06

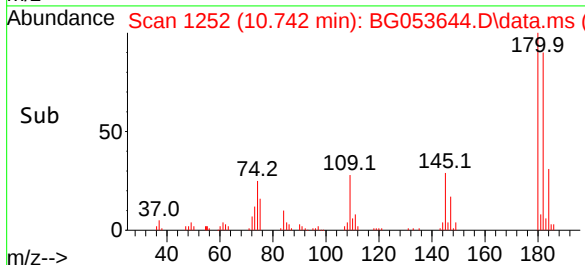
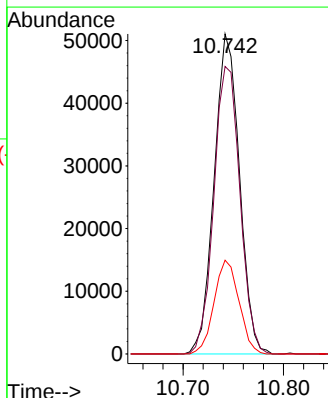
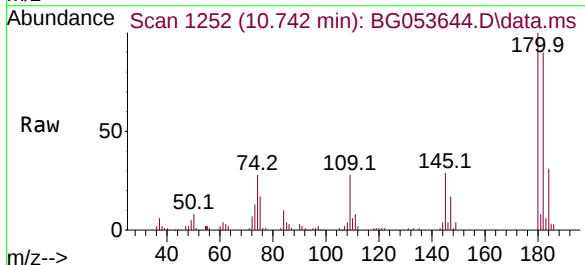
Tgt Ion:180 Resp: 89233

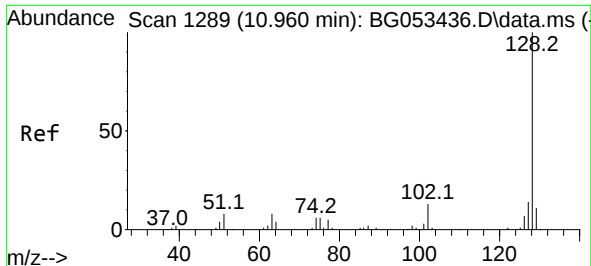
Ion Ratio Lower Upper

180 100

182 89.8 76.6 115.0

145 29.3 25.0 37.4

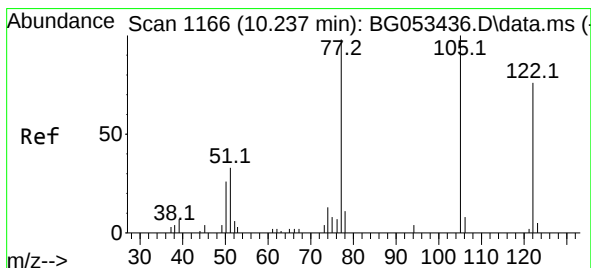
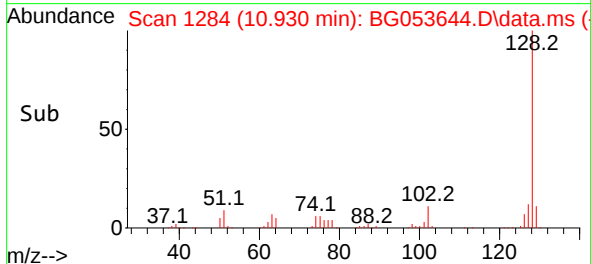
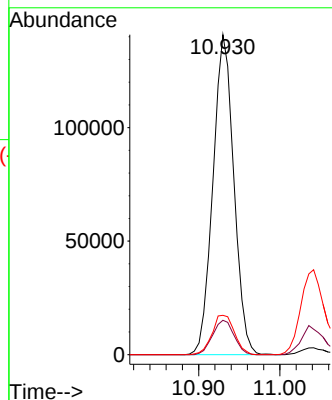
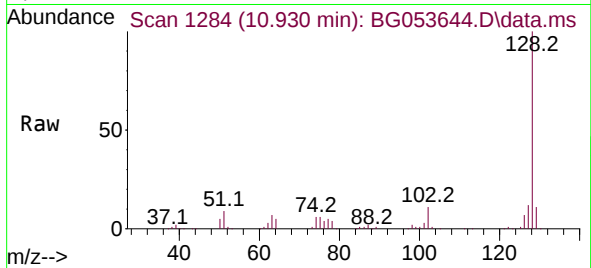




#31
Naphthalene
Concen: 39.363 ng
RT: 10.930 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

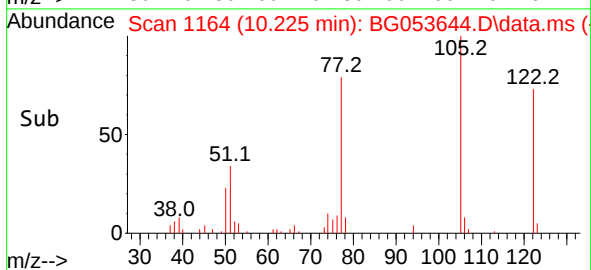
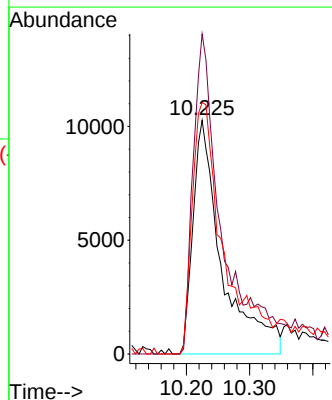
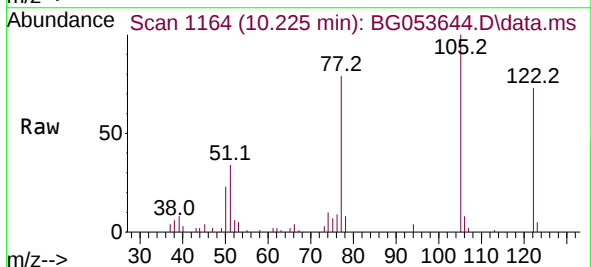
Instrument :
BNA_G
ClientSampleId :
PB144936BS

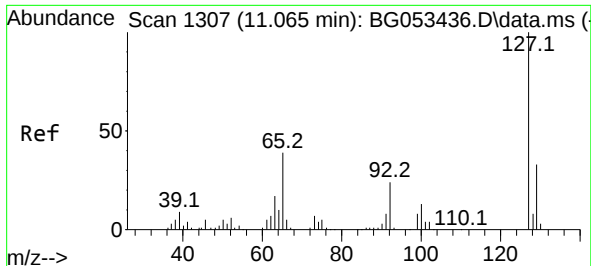
Tgt Ion:128 Resp: 251768
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 12.3 11.1 16.7



#32
Benzoic acid
Concen: 33.183 ng
RT: 10.225 min Scan# 1164
Delta R.T. 0.006 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

Tgt Ion:122 Resp: 32679
Ion Ratio Lower Upper
122 100
105 137.0 111.8 151.8
77 107.7 109.4 149.4#

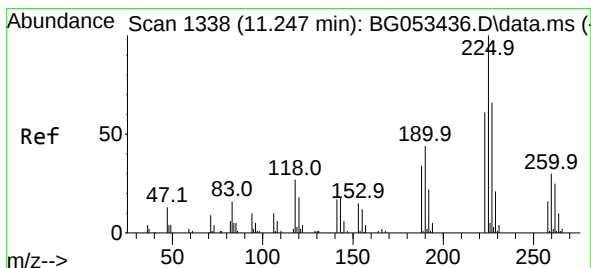
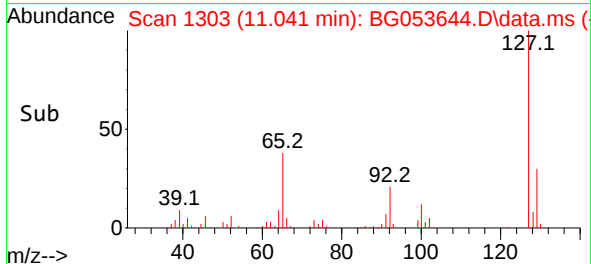
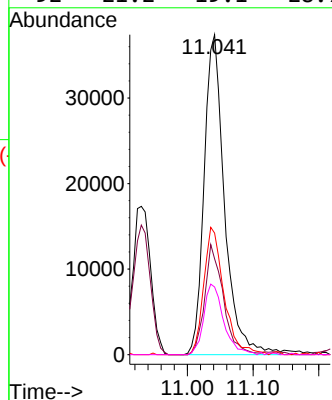
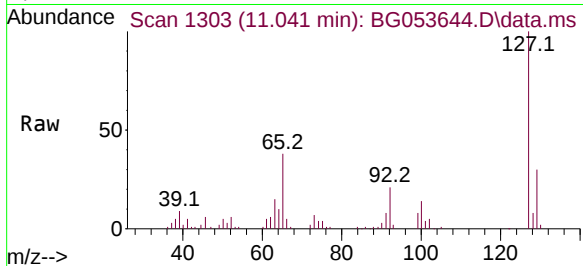




#33
4-Chloroaniline
Concen: 30.176 ng
RT: 11.041 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

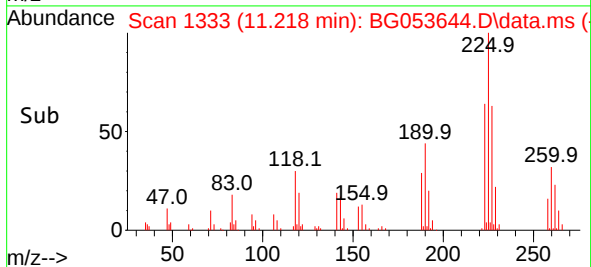
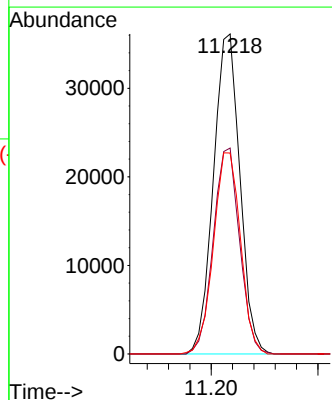
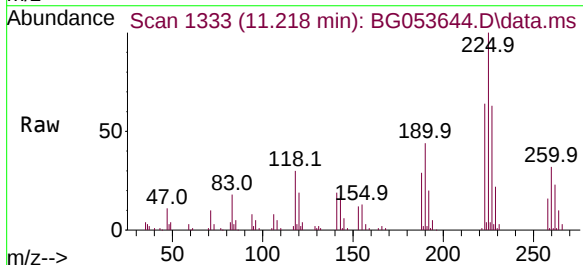
Instrument :
BNA_G
ClientSampleId :
PB144936BS

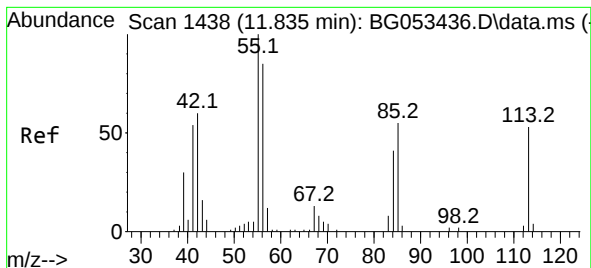
Tgt Ion:127	Resp:	80830
Ion Ratio	Lower	Upper
127	100	
129	29.9	26.3 39.5
65	38.0	31.1 46.7
92	21.2	19.1 28.7



#34
Hexachlorobutadiene
Concen: 35.114 ng
RT: 11.218 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

Tgt Ion:225	Resp:	62218
Ion Ratio	Lower	Upper
225	100	
223	64.3	48.9 73.3
227	62.8	52.8 79.2





#35

Caprolactam

Concen: 23.544 ng

RT: 11.811 min Scan# 1438

Delta R.T. -0.000 min

Lab File: BG053644.D

Acq: 20 May 2022 15:06

Instrument :

BNA_G

ClientSampleId :

PB144936BS

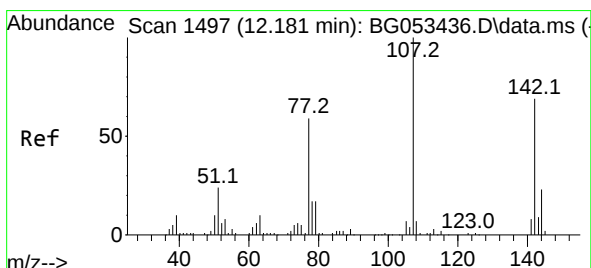
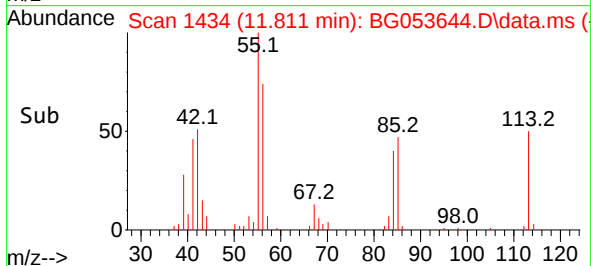
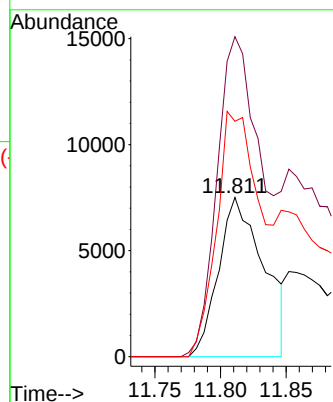
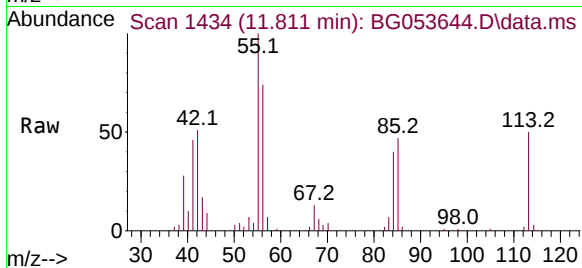
Tgt Ion:113 Resp: 17994

Ion Ratio Lower Upper

113 100

55 201.0 169.8 209.8

56 147.8 141.2 181.2



#36

4-Chloro-3-methylphenol

Concen: 42.029 ng

RT: 12.163 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BG053644.D

Acq: 20 May 2022 15:06

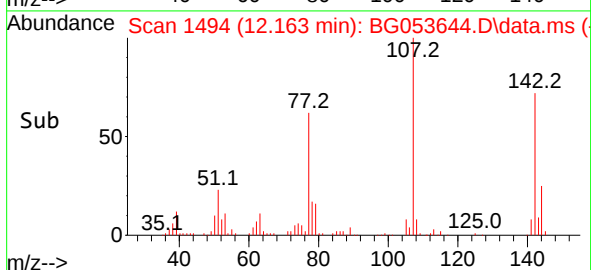
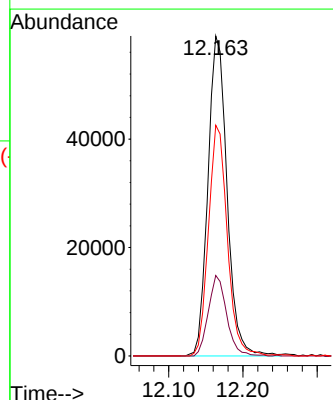
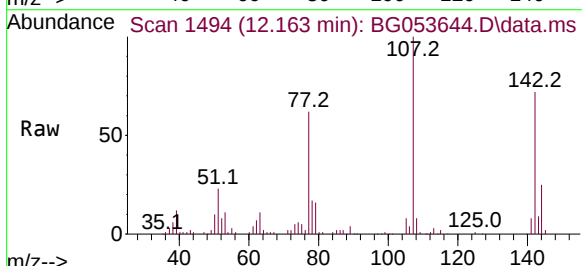
Tgt Ion:107 Resp: 105732

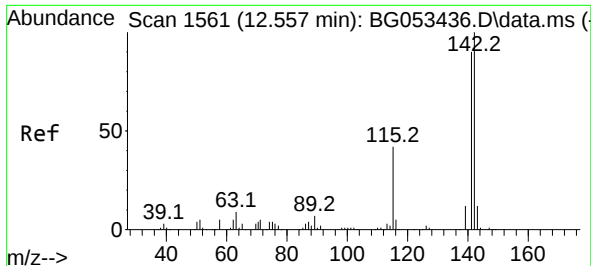
Ion Ratio Lower Upper

107 100

144 25.2 18.5 27.7

142 72.1 55.0 82.4

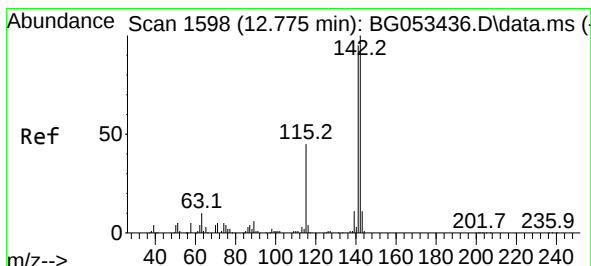
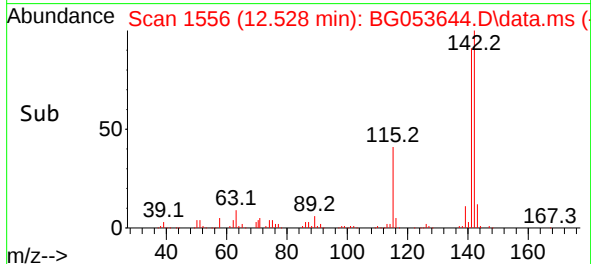
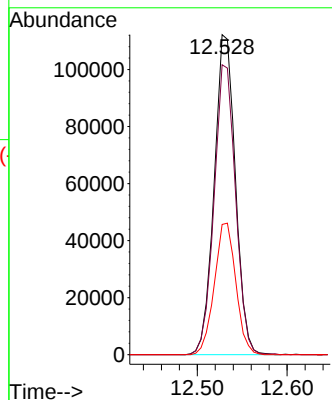
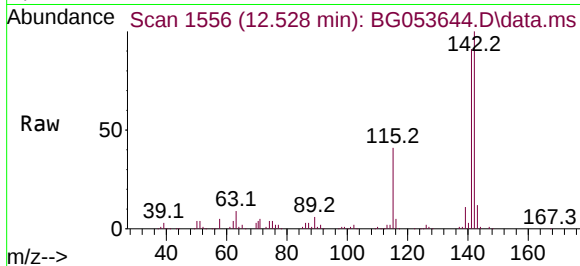




#37
2-Methylnaphthalene
Concen: 38.599 ng
RT: 12.528 min Scan# 1556
Delta R.T. -0.012 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

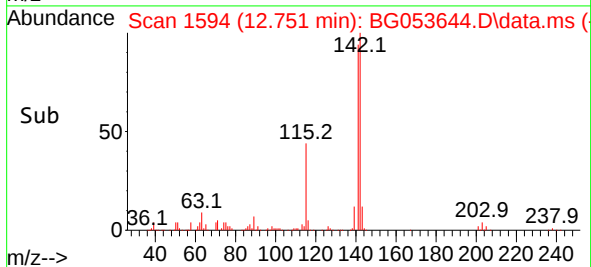
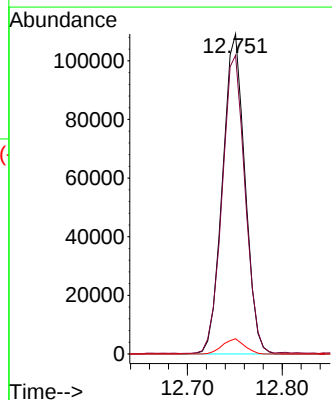
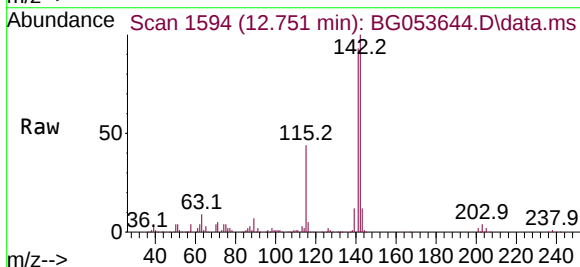
Instrument :
BNA_G
ClientSampleId :
PB144936BS

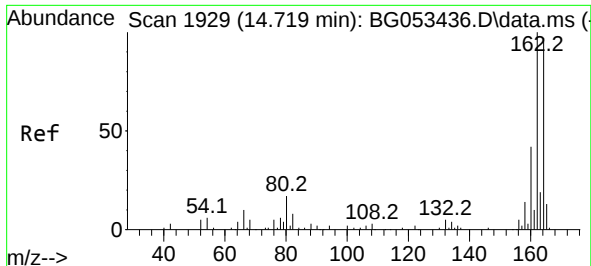
Tgt Ion:142 Resp: 184239
Ion Ratio Lower Upper
142 100
141 90.6 72.3 108.5
115 40.7 33.7 50.5



#38
1-Methylnaphthalene
Concen: 38.482 ng
RT: 12.751 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

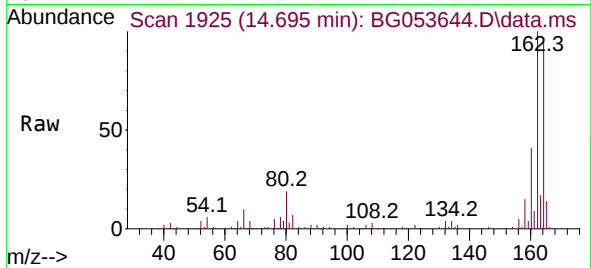
Tgt Ion:142 Resp: 179213
Ion Ratio Lower Upper
142 100
141 93.4 76.4 114.6
116 4.7 3.3 4.9



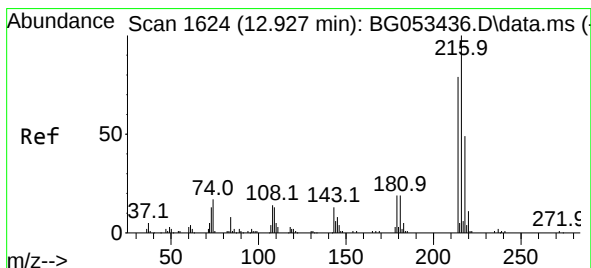
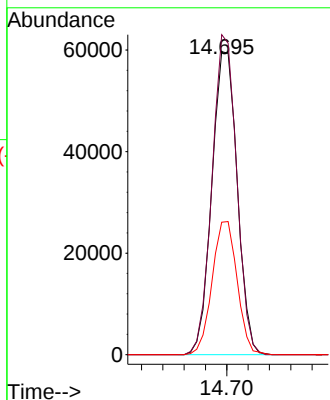
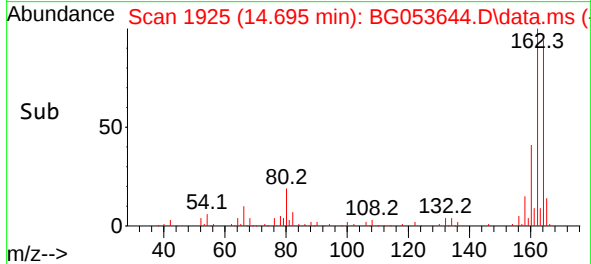


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.695 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BG053644.D
 Acq: 20 May 2022 15:06

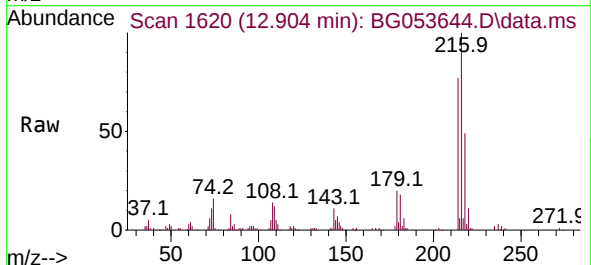
Instrument :
 BNA_G
 ClientSampleId :
 PB144936BS



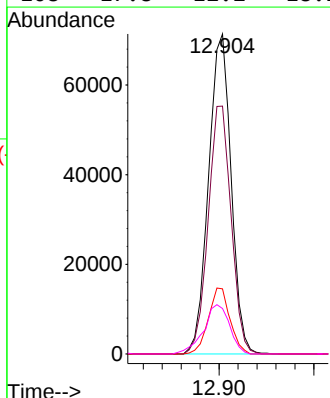
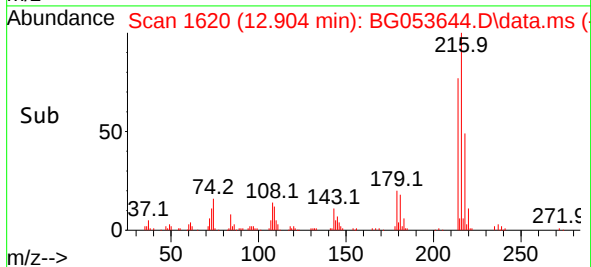
Tgt Ion:164 Resp: 98624
 Ion Ratio Lower Upper
 164 100
 162 105.6 82.3 123.5
 160 43.7 34.2 51.2

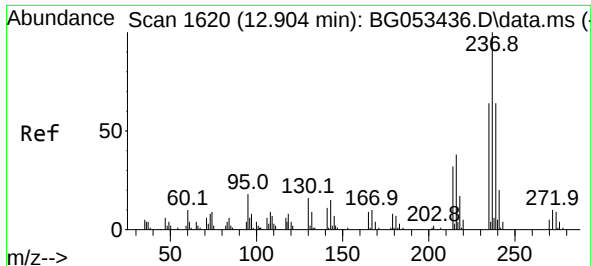


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.881 ng
 RT: 12.904 min Scan# 1620
 Delta R.T. -0.000 min
 Lab File: BG053644.D
 Acq: 20 May 2022 15:06



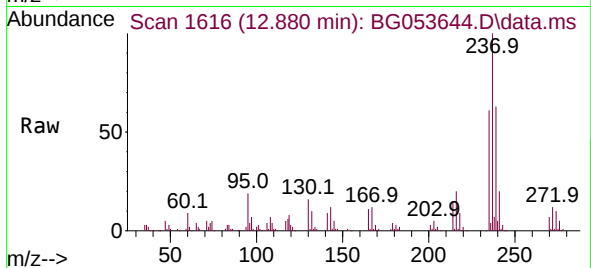
Tgt Ion:216 Resp: 117764
 Ion Ratio Lower Upper
 216 100
 214 78.8 62.9 94.3
 179 19.7 16.1 24.1
 108 17.8 12.2 18.2



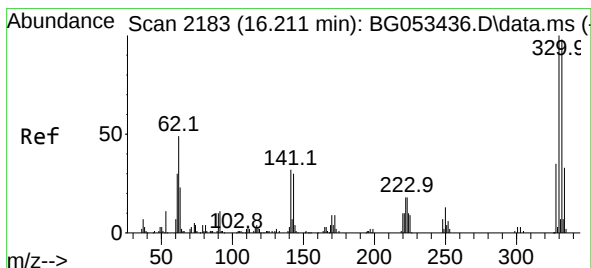
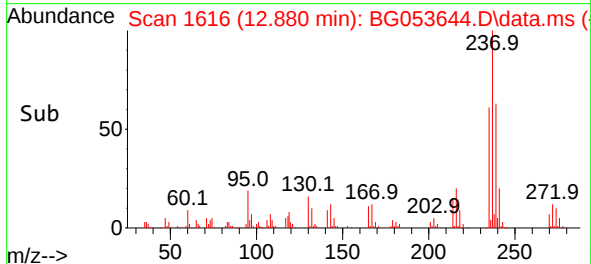
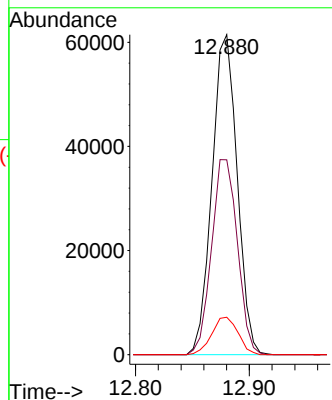


#41
Hexachlorocyclopentadiene
Concen: 75.181 ng
RT: 12.880 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

Instrument :
BNA_G
ClientSampleId :
PB144936BS

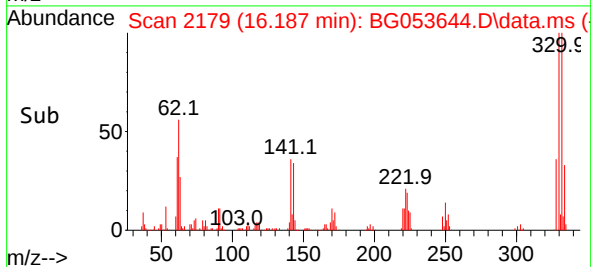
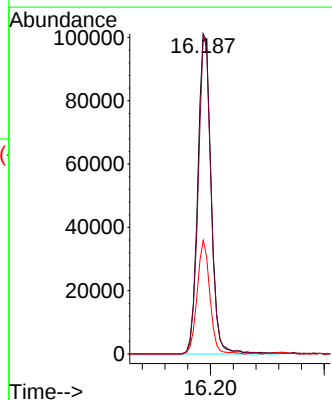
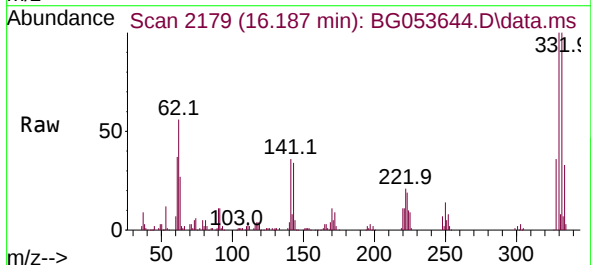


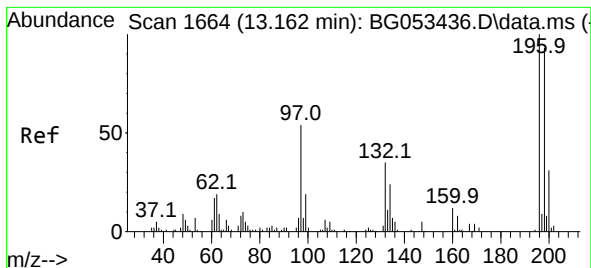
Tgt Ion: 237 Resp: 94441
Ion Ratio Lower Upper
237 100
235 60.9 43.5 83.5
272 11.7 0.0 30.1



#42
2,4,6-Tribromophenol
Concen: 113.380 ng
RT: 16.187 min Scan# 2179
Delta R.T. -0.006 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

Tgt Ion: 330 Resp: 164922
Ion Ratio Lower Upper
330 100
332 95.8 76.0 114.0
141 33.6 27.1 40.7





#43

2,4,6-Trichlorophenol

Concen: 39.079 ng

RT: 13.144 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG053644.D

Acq: 20 May 2022 15:06

Instrument :

BNA_G

ClientSampleId :

PB144936BS

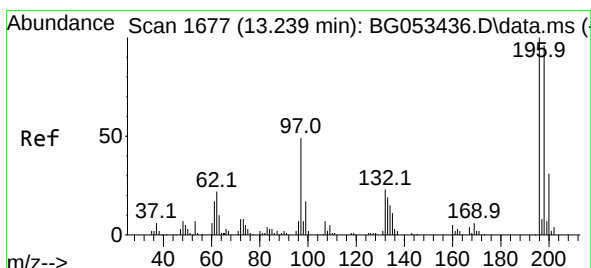
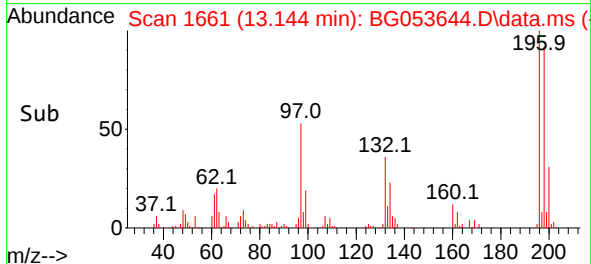
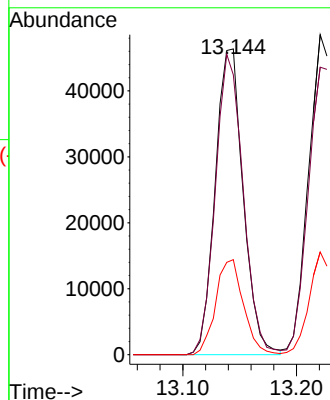
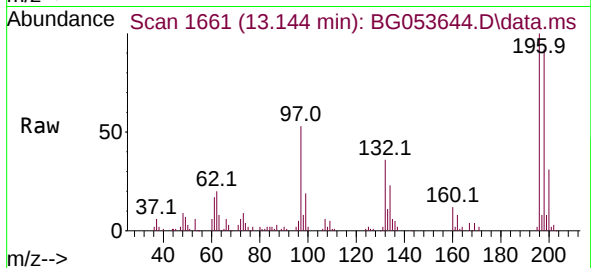
Tgt Ion:196 Resp: 79301

Ion Ratio Lower Upper

196 100

198 91.5 74.1 111.1

200 31.1 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 39.198 ng

RT: 13.221 min Scan# 1674

Delta R.T. -0.006 min

Lab File: BG053644.D

Acq: 20 May 2022 15:06

Tgt Ion:196 Resp: 84656

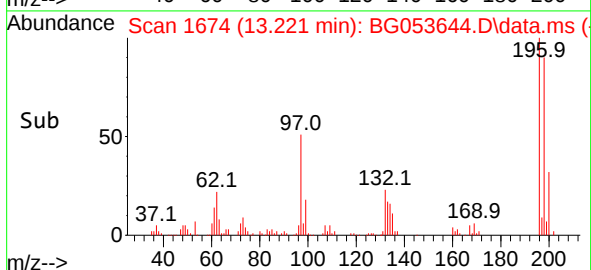
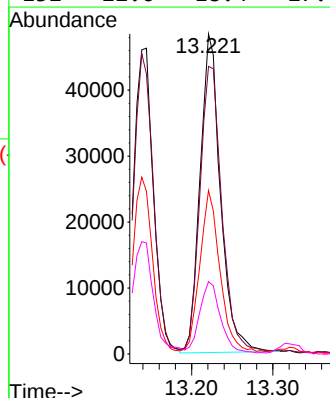
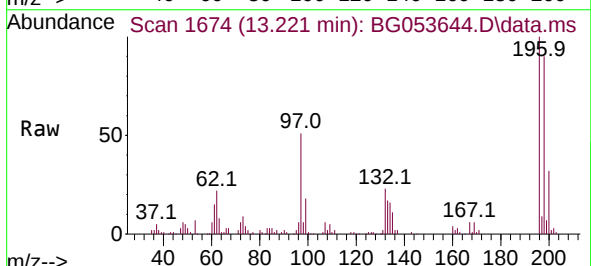
Ion Ratio Lower Upper

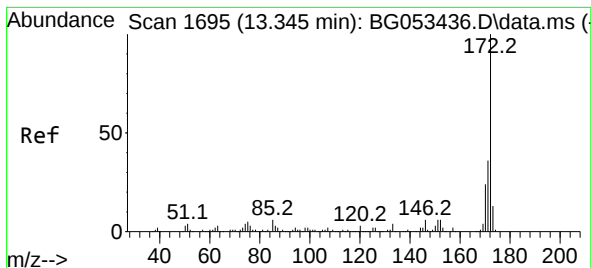
196 100

198 89.8 76.8 115.2

97 51.1 39.8 59.6

132 22.6 18.4 27.6

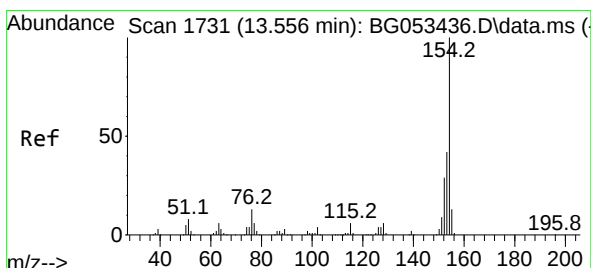
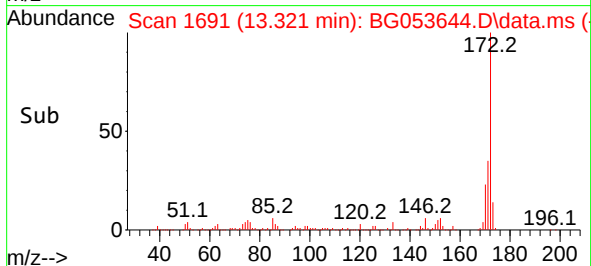
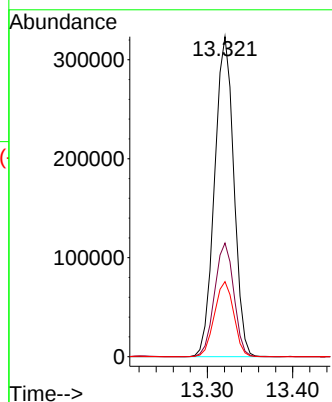
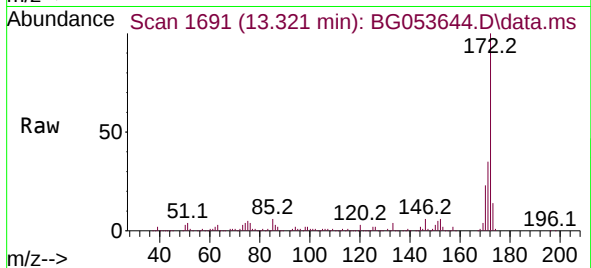




#45
2-Fluorobiphenyl
Concen: 74.901 ng
RT: 13.321 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

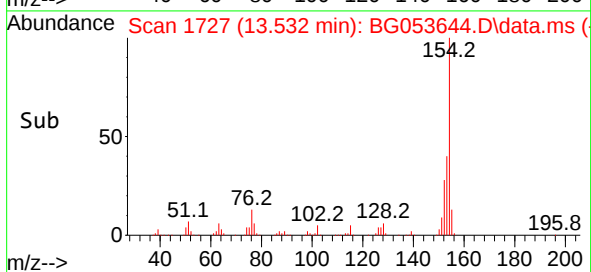
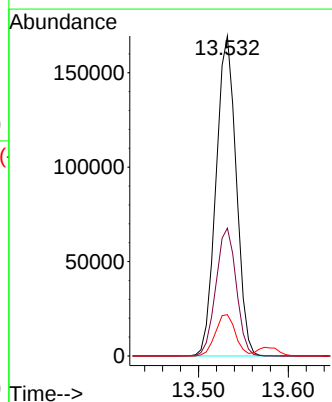
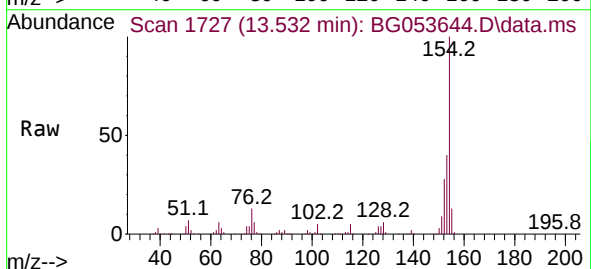
Instrument :
BNA_G
ClientSampleId :
PB144936BS

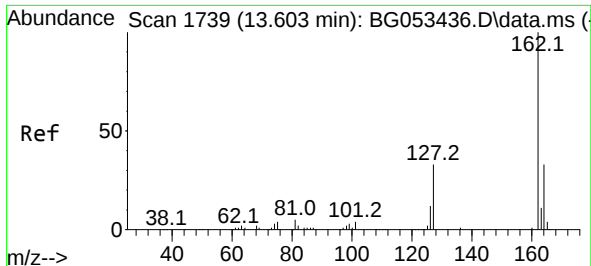
Tgt Ion:172 Resp: 505520
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.5 18.9 28.3



#46
1,1'-Biphenyl
Concen: 39.250 ng
RT: 13.532 min Scan# 1727
Delta R.T. -0.006 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

Tgt Ion:154 Resp: 263864
Ion Ratio Lower Upper
154 100
153 40.0 21.6 61.6
76 12.9 0.0 32.6





#47

2-Chloronaphthalene

Concen: 38.368 ng

RT: 13.579 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG053644.D

Acq: 20 May 2022 15:06

Instrument :

BNA_G

ClientSampleId :

PB144936BS

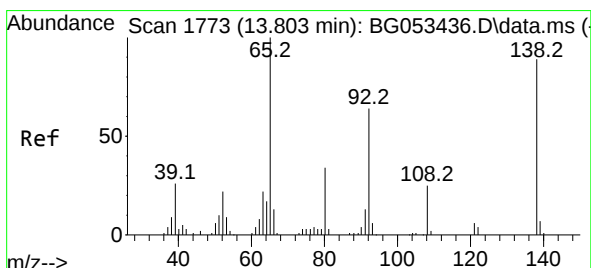
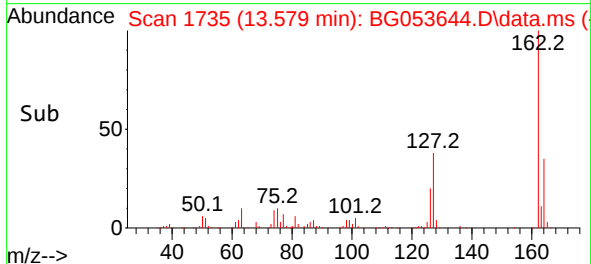
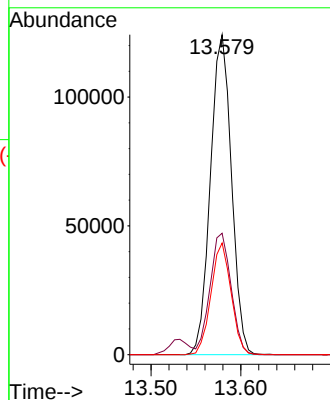
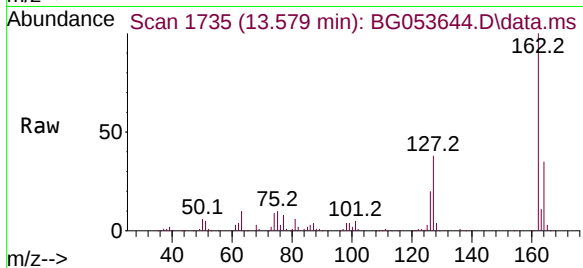
Tgt Ion:162 Resp: 202085

Ion Ratio Lower Upper

162 100

127 38.0 30.6 45.8

164 34.9 26.5 39.7



#48

2-Nitroaniline

Concen: 41.496 ng

RT: 13.779 min Scan# 1769

Delta R.T. -0.006 min

Lab File: BG053644.D

Acq: 20 May 2022 15:06

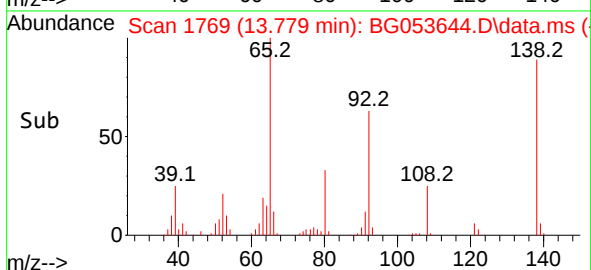
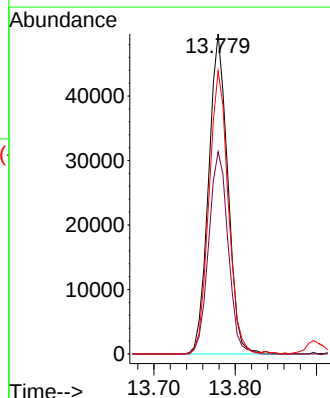
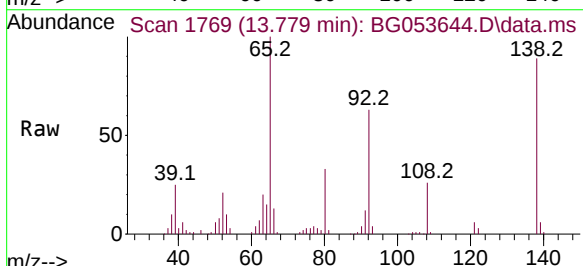
Tgt Ion: 65 Resp: 81439

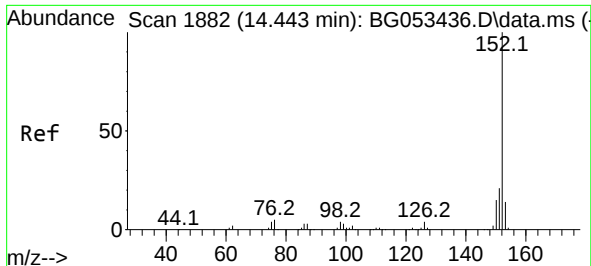
Ion Ratio Lower Upper

65 100

92 63.2 51.5 77.3

138 88.5 71.3 106.9

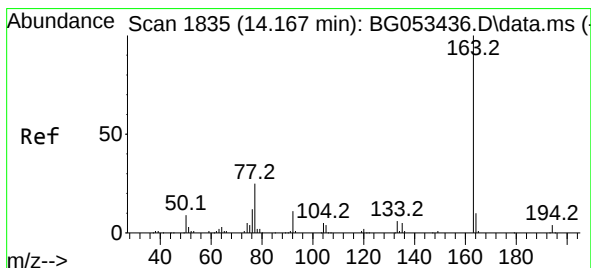
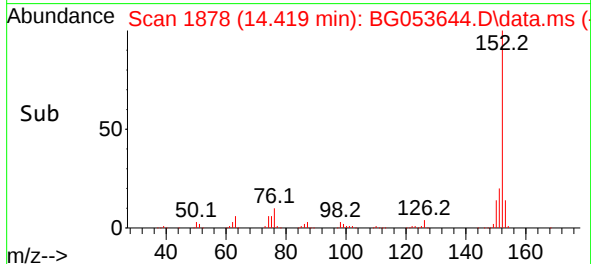
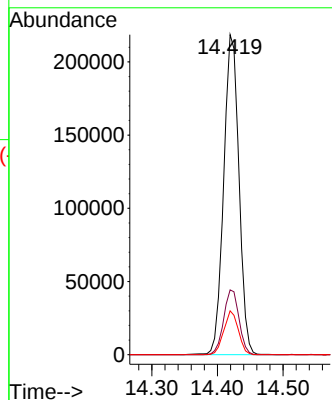
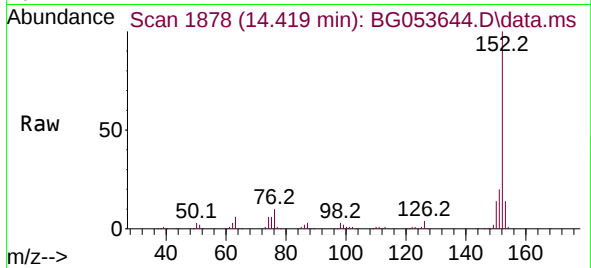




#49
Acenaphthylene
Concen: 41.856 ng
RT: 14.419 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

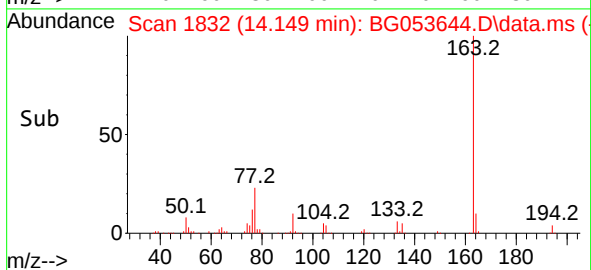
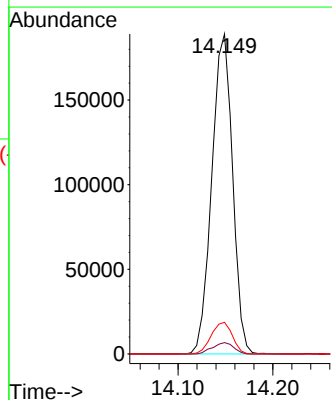
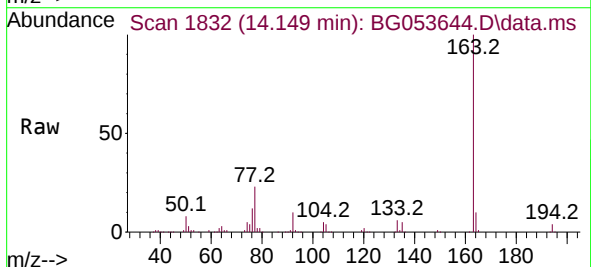
Instrument :
BNA_G
ClientSampleId :
PB144936BS

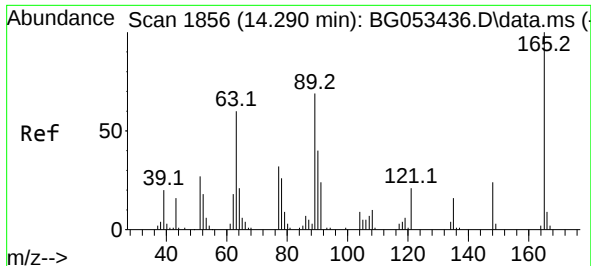
Tgt Ion:152 Resp: 351789
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 13.7 10.8 16.2



#50
Dimethylphthalate
Concen: 38.326 ng
RT: 14.149 min Scan# 1832
Delta R.T. -0.000 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

Tgt Ion:163 Resp: 287233
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 9.9 8.0 12.0

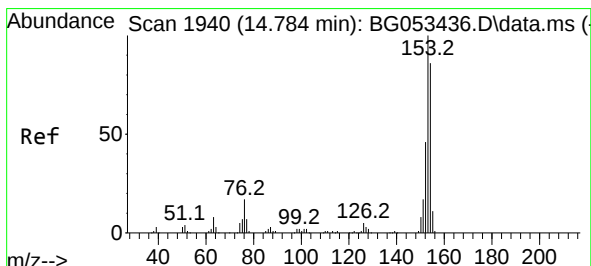
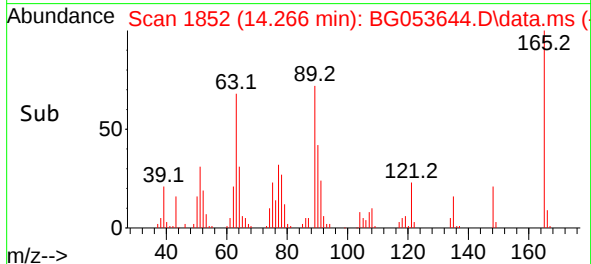
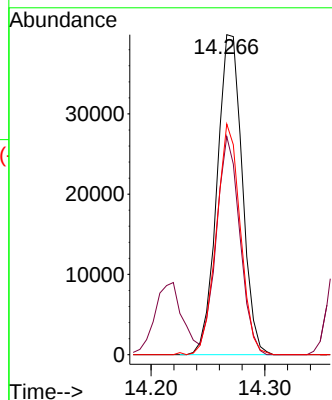
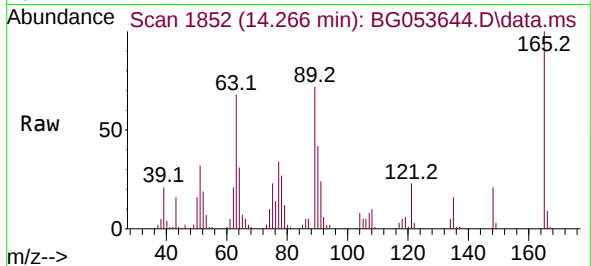




#51
2,6-Dinitrotoluene
Concen: 40.143 ng
RT: 14.266 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

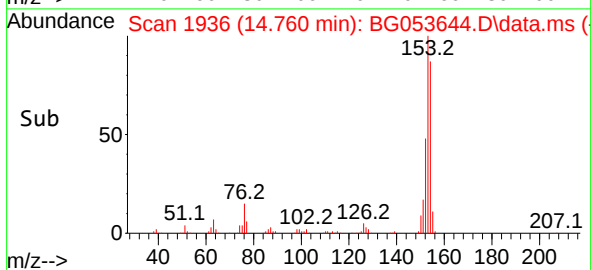
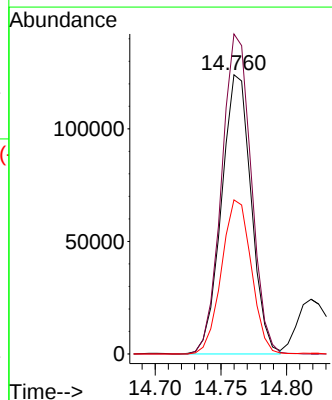
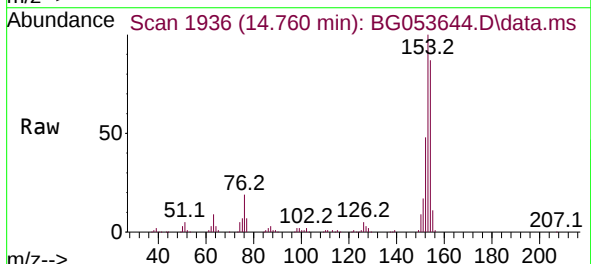
Instrument :
BNA_G
ClientSampleId :
PB144936BS

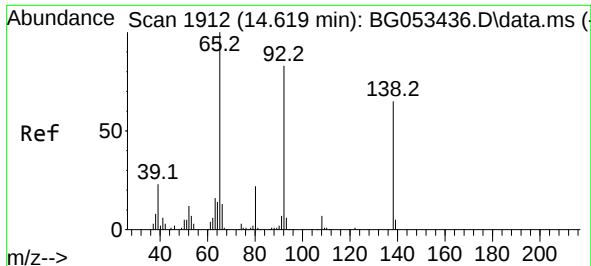
Tgt Ion:165 Resp: 61293
Ion Ratio Lower Upper
165 100
63 68.2 54.1 81.1
89 72.1 54.8 82.2



#52
Acenaphthene
Concen: 38.928 ng
RT: 14.760 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

Tgt Ion:154 Resp: 194984
Ion Ratio Lower Upper
154 100
153 114.6 92.7 139.1
152 55.2 42.6 64.0

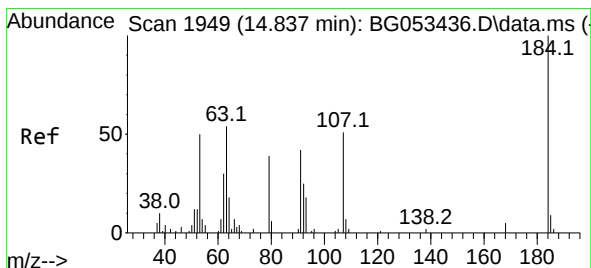
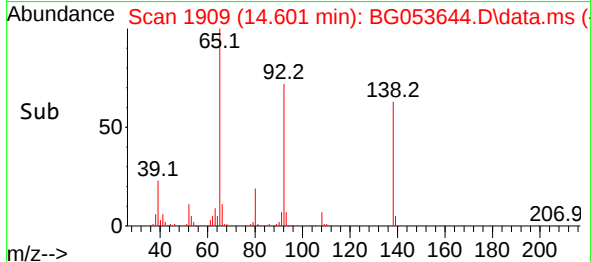
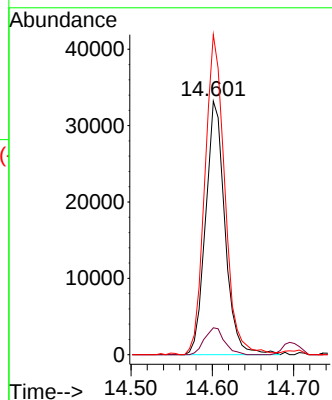
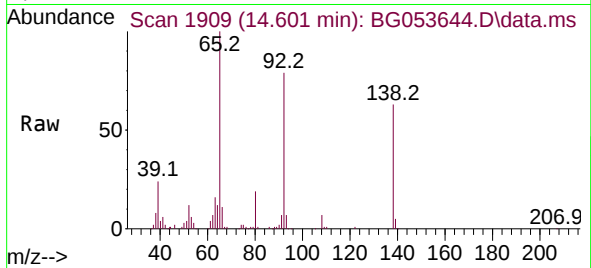




#53
3-Nitroaniline
Concen: 33.234 ng
RT: 14.601 min Scan# 1909
Delta R.T. -0.006 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

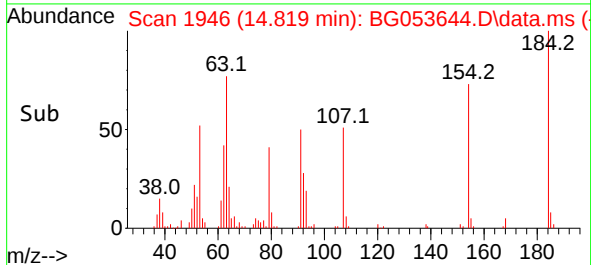
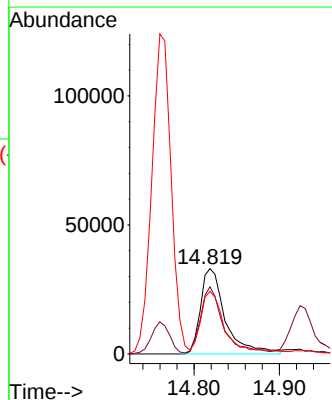
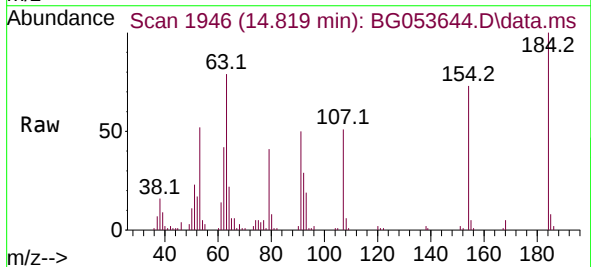
Instrument :
BNA_G
ClientSampleId :
PB144936BS

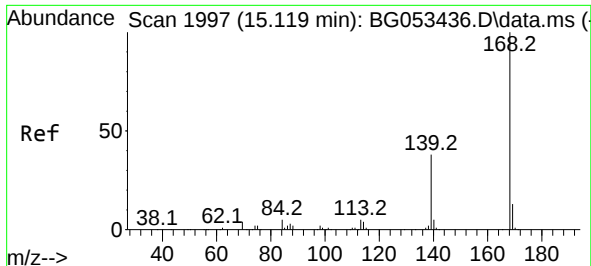
Tgt Ion:138 Resp: 54828
Ion Ratio Lower Upper
138 100
108 10.6 9.2 13.8
92 126.2 101.9 152.9



#54
2,4-Dinitrophenol
Concen: 69.845 ng
RT: 14.819 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

Tgt Ion:184 Resp: 66861
Ion Ratio Lower Upper
184 100
63 78.8 61.1 91.7
154 73.5 60.6 91.0

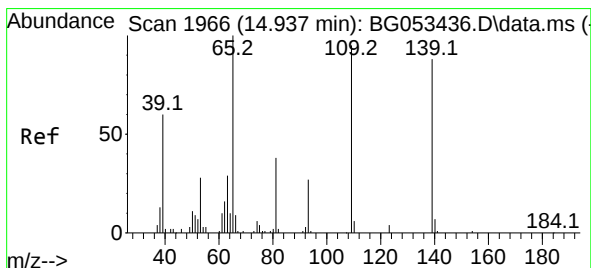
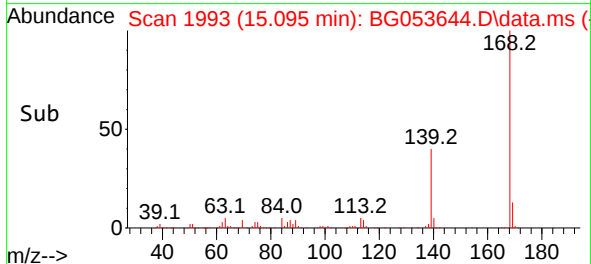
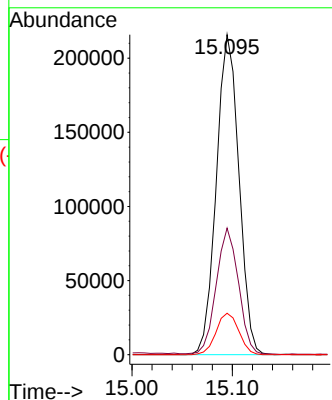
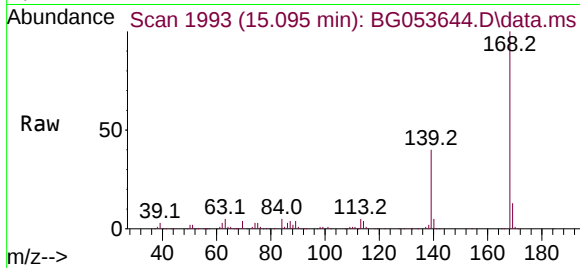




#55
Dibenzenofuran
Concen: 37.444 ng
RT: 15.095 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

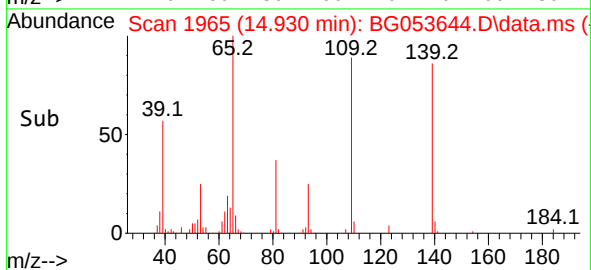
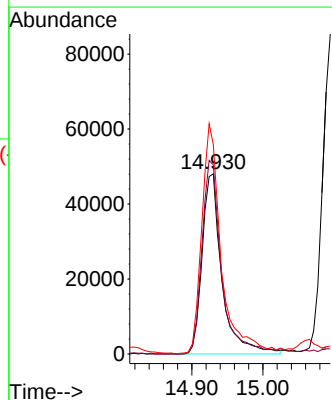
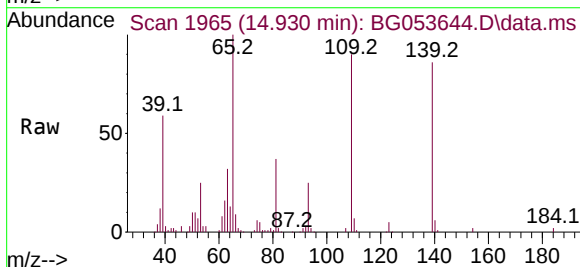
Instrument :
BNA_G
ClientSampleId :
PB144936BS

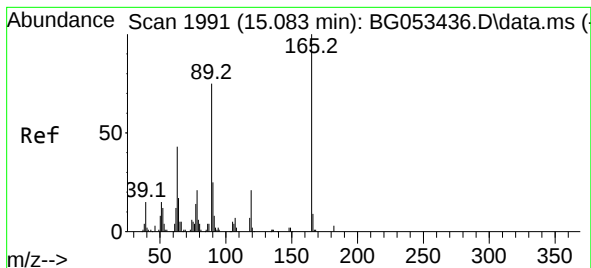
Tgt Ion:168 Resp: 336876
Ion Ratio Lower Upper
168 100
139 39.5 30.5 45.7
169 13.0 10.3 15.5



#56
4-Nitrophenol
Concen: 79.348 ng
RT: 14.930 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

Tgt Ion:139 Resp: 93499
Ion Ratio Lower Upper
139 100
109 104.9 88.5 128.5
65 116.2 93.9 133.9

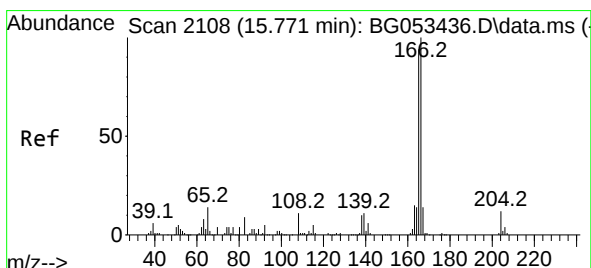
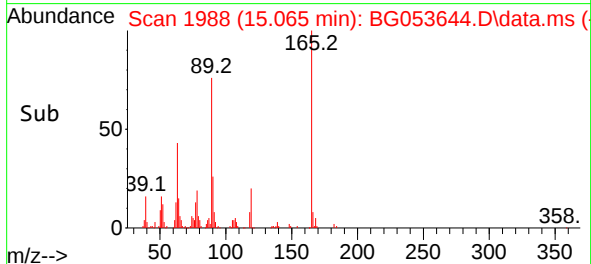
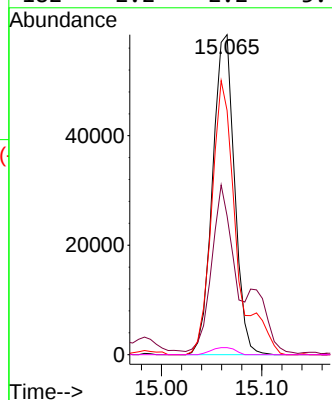
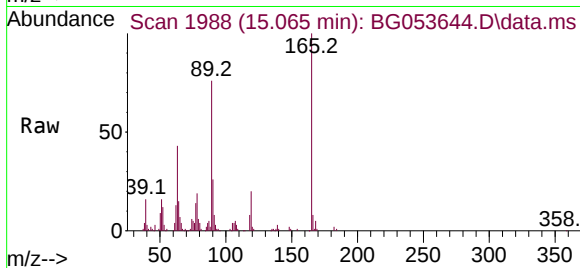




#57
2,4-Dinitrotoluene
Concen: 40.080 ng
RT: 15.065 min Scan# 1991
Delta R.T. -0.000 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

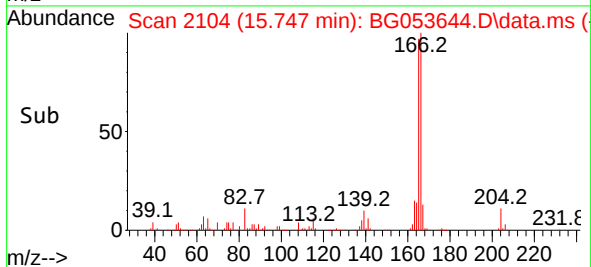
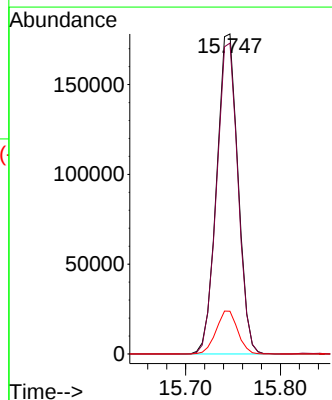
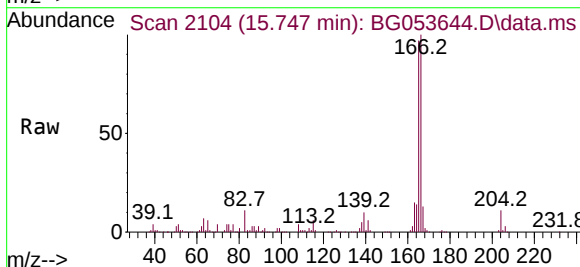
Instrument :
BNA_G
ClientSampleId :
PB144936BS

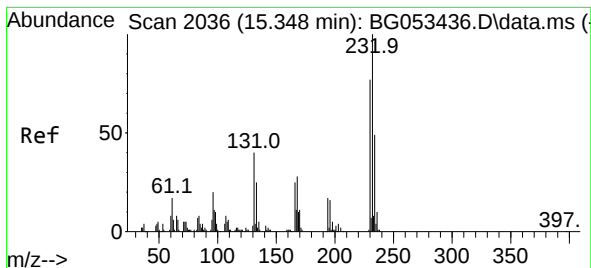
Tgt Ion:165 Resp: 88706
Ion Ratio Lower Upper
165 100
63 43.4 34.6 52.0
89 76.3 60.3 90.5
182 2.2 2.2 3.4#



#58
Fluorene
Concen: 38.615 ng
RT: 15.747 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

Tgt Ion:166 Resp: 278794
Ion Ratio Lower Upper
166 100
165 97.2 75.0 112.6
167 13.3 10.8 16.2

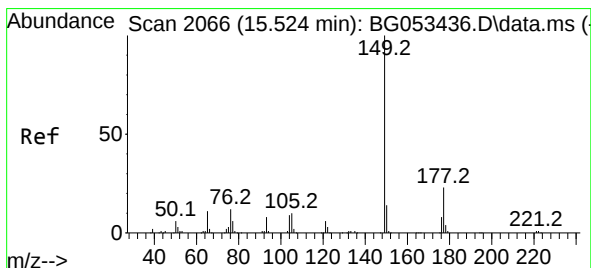
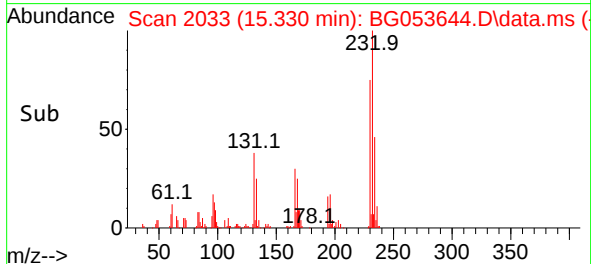
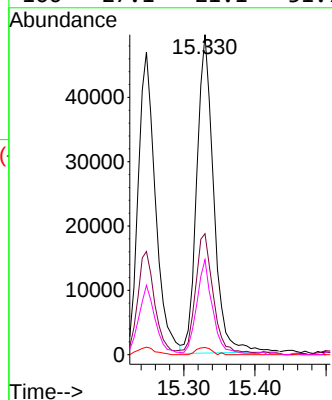
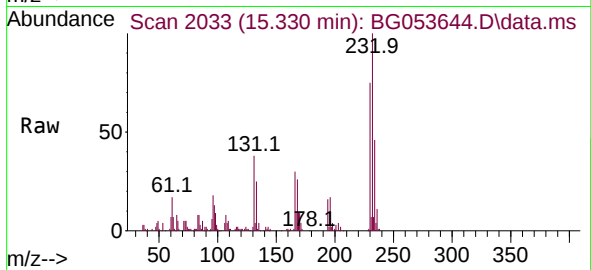




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.511 ng
RT: 15.330 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

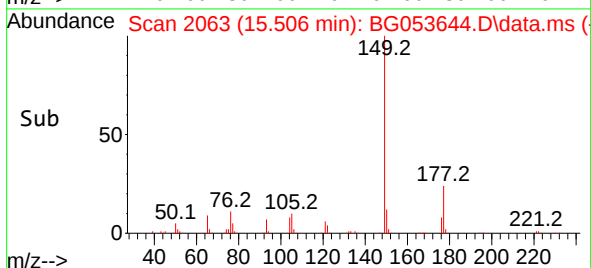
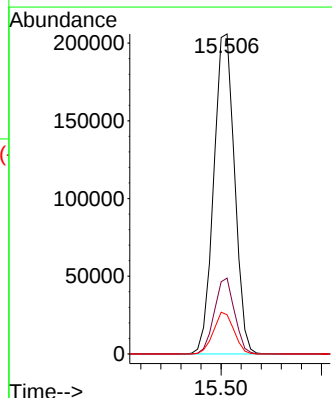
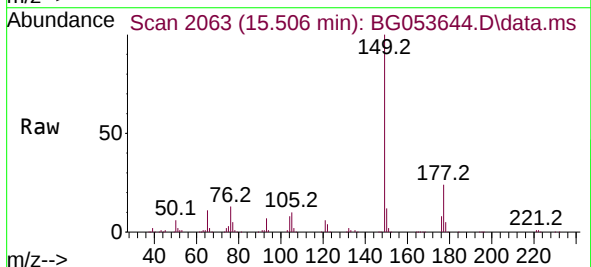
Instrument :
BNA_G
ClientSampleId :
PB144936BS

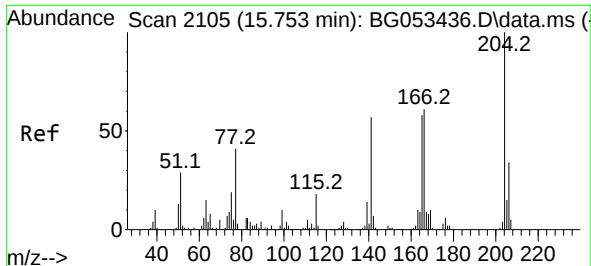
Tgt Ion:232 Resp: 82198
Ion Ratio Lower Upper
232 100
131 40.6 30.6 46.0
130 2.1 1.8 2.8
166 27.1 21.1 31.7



#60
Diethylphthalate
Concen: 38.295 ng
RT: 15.506 min Scan# 2063
Delta R.T. -0.000 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

Tgt Ion:149 Resp: 296463
Ion Ratio Lower Upper
149 100
177 23.7 18.4 27.6
150 12.3 11.2 16.8

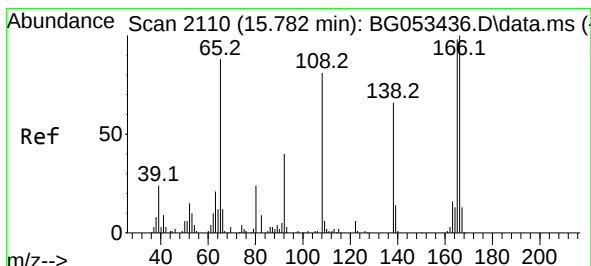
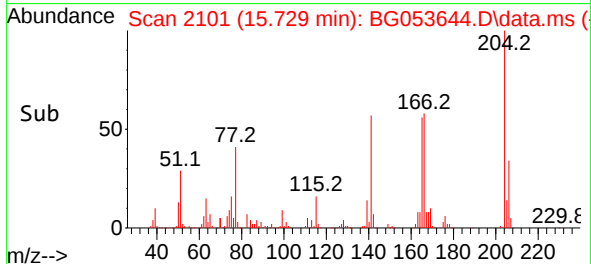
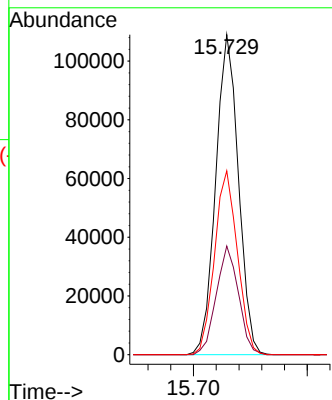
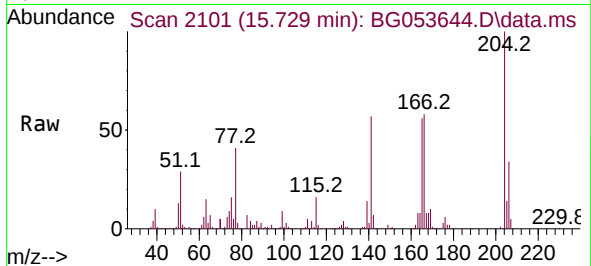




#61
4-Chlorophenyl-phenylether
Concen: 37.540 ng
RT: 15.729 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

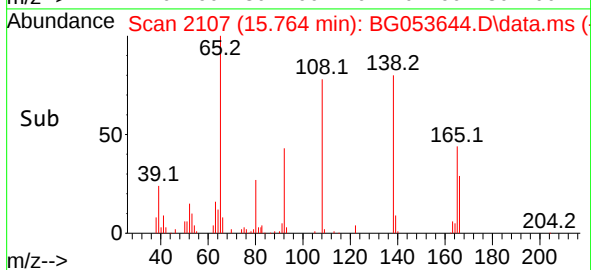
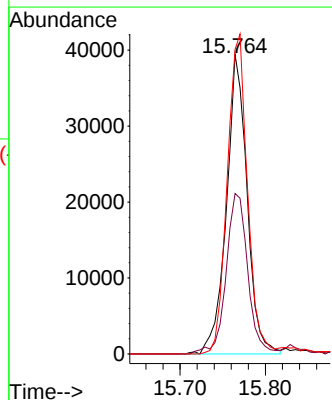
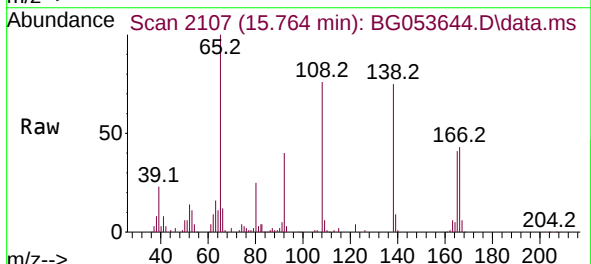
Instrument :
BNA_G
ClientSampleId :
PB144936BS

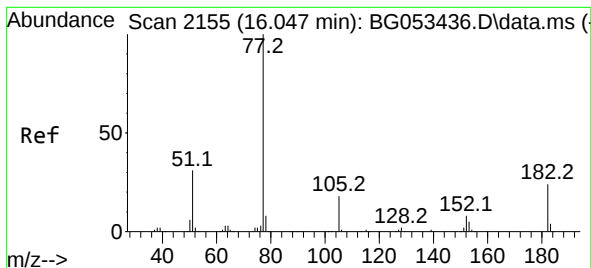
Tgt Ion:204 Resp: 151239
Ion Ratio Lower Upper
204 100
206 34.0 27.5 41.3
141 57.4 45.3 67.9



#62
4-Nitroaniline
Concen: 38.770 ng
RT: 15.764 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

Tgt Ion:138 Resp: 66341
Ion Ratio Lower Upper
138 100
92 53.6 40.5 80.5
108 101.6 103.7 143.7#





#63

Azobenzene

Concen: 38.467 ng

RT: 16.023 min Scan# 2151

Delta R.T. -0.006 min

Lab File: BG053644.D

Acq: 20 May 2022 15:06

Instrument :

BNA_G

ClientSampleId :

PB144936BS

Tgt Ion: 77 Resp: 304942

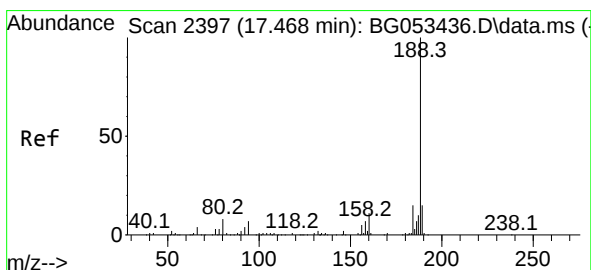
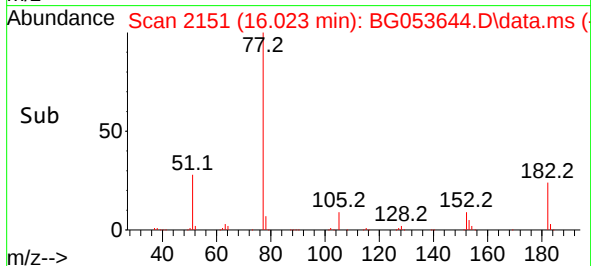
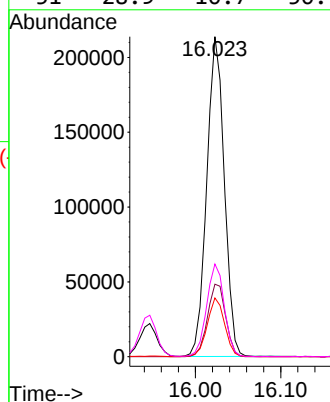
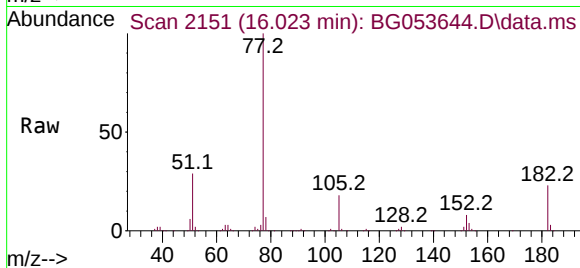
Ion Ratio Lower Upper

77 100

182 22.7 3.8 43.8

105 18.4 0.0 37.8

51 28.9 10.7 50.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.444 min Scan# 2393

Delta R.T. -0.006 min

Lab File: BG053644.D

Acq: 20 May 2022 15:06

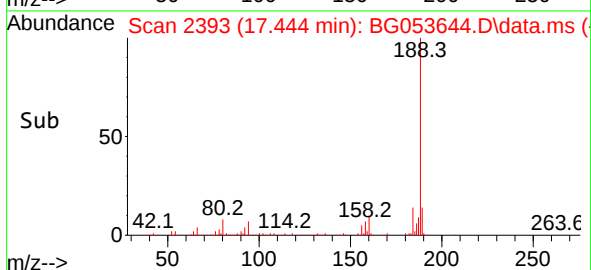
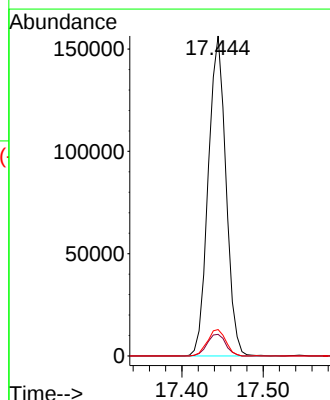
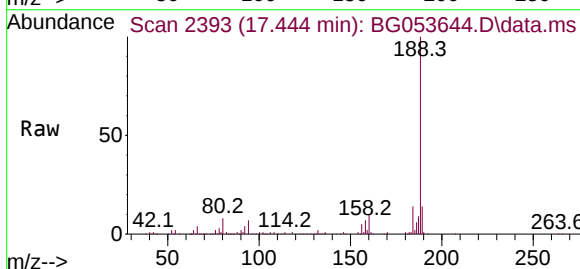
Tgt Ion:188 Resp: 236005

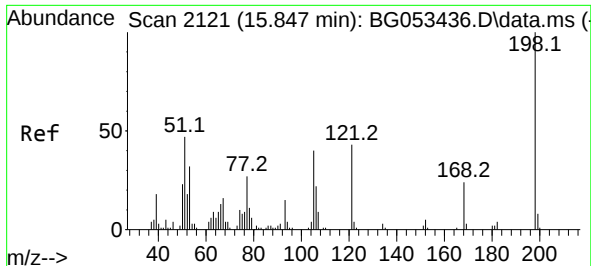
Ion Ratio Lower Upper

188 100

94 6.8 5.4 8.0

80 8.2 6.8 10.2

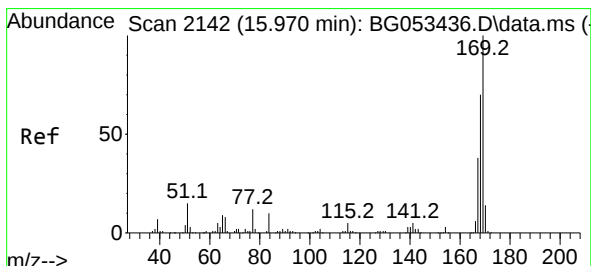
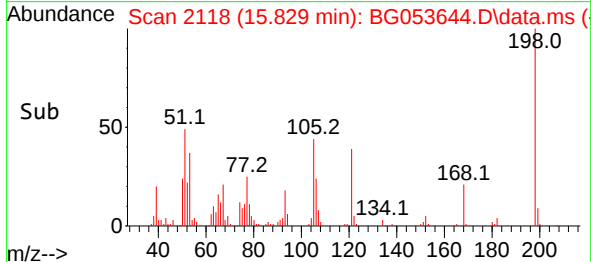
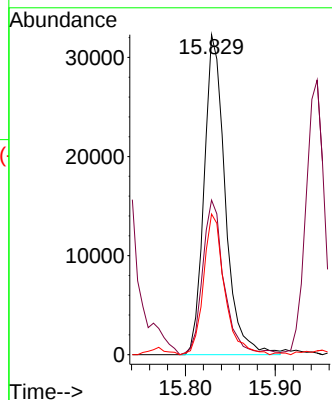
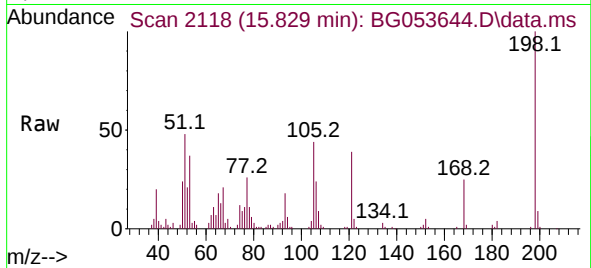




#65
4,6-Dinitro-2-methylphenol
Concen: 37.537 ng
RT: 15.829 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

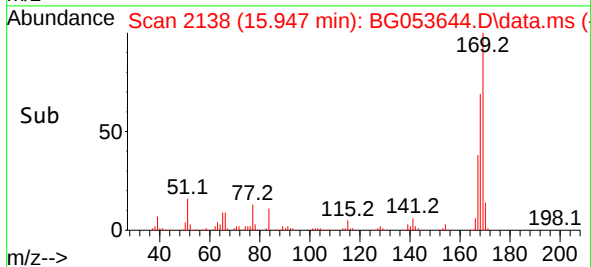
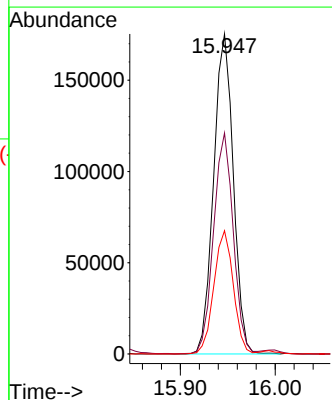
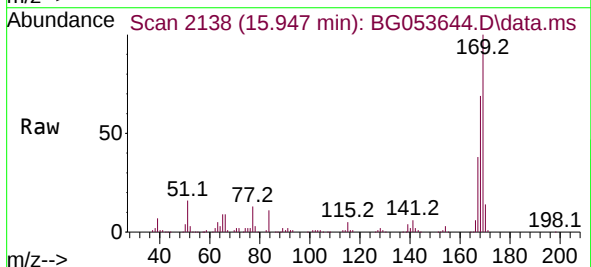
Instrument :
BNA_G
ClientSampleId :
PB144936BS

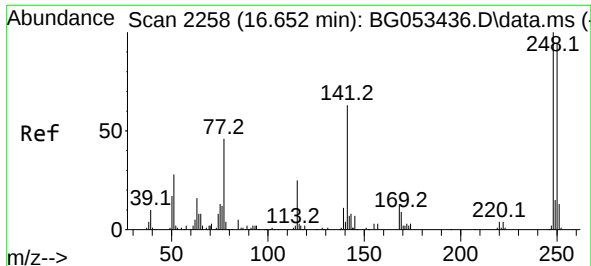
Tgt Ion:198 Resp: 52788
Ion Ratio Lower Upper
198 100
51 48.3 28.1 68.1
105 44.0 20.3 60.3



#66
n-Nitrosodiphenylamine
Concen: 40.837 ng
RT: 15.947 min Scan# 2138
Delta R.T. -0.006 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

Tgt Ion:169 Resp: 253043
Ion Ratio Lower Upper
169 100
168 69.0 55.9 83.9
167 38.5 30.6 46.0

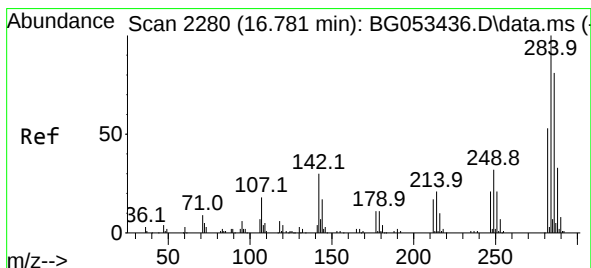
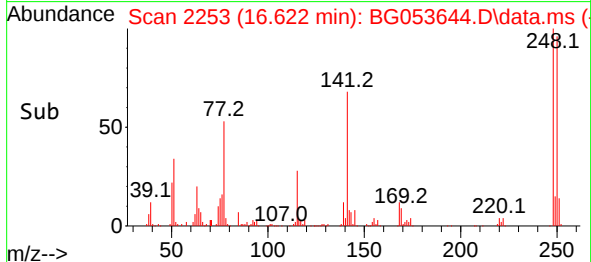
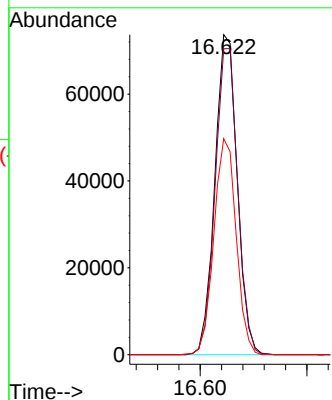
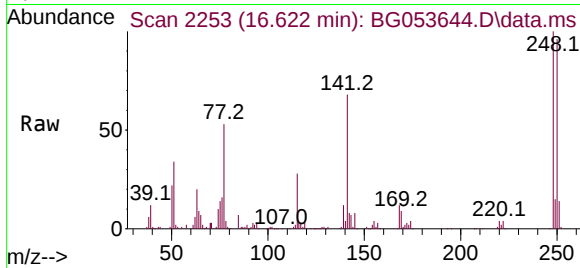




#67
4-Bromophenyl-phenylether
Concen: 38.820 ng
RT: 16.622 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

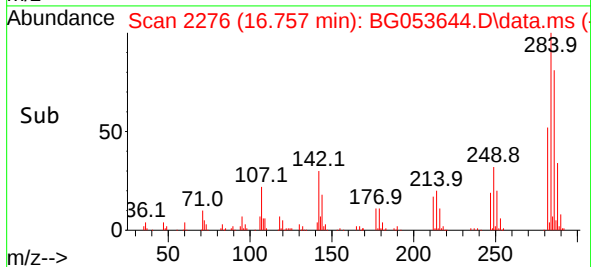
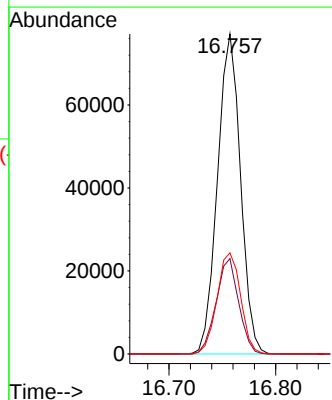
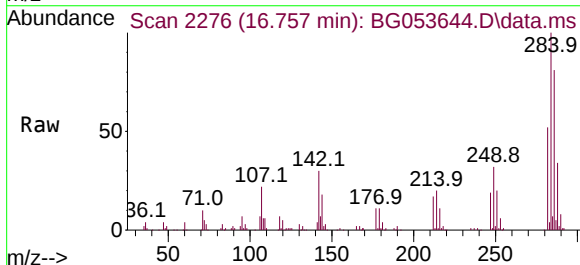
Instrument :
BNA_G
ClientSampleId :
PB144936BS

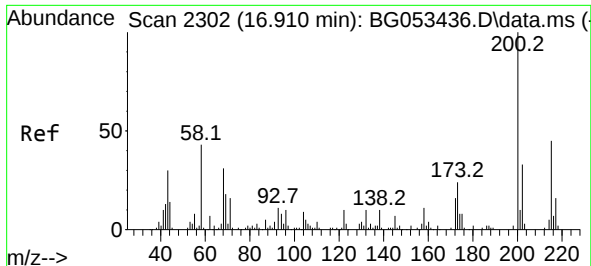
Tgt Ion:248 Resp: 106998
Ion Ratio Lower Upper
248 100
250 95.6 75.2 112.8
141 67.5 50.0 75.0



#68
Hexachlorobenzene
Concen: 38.215 ng
RT: 16.757 min Scan# 2276
Delta R.T. -0.006 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

Tgt Ion:284 Resp: 115356
Ion Ratio Lower Upper
284 100
142 29.8 23.6 35.4
249 31.6 25.8 38.6

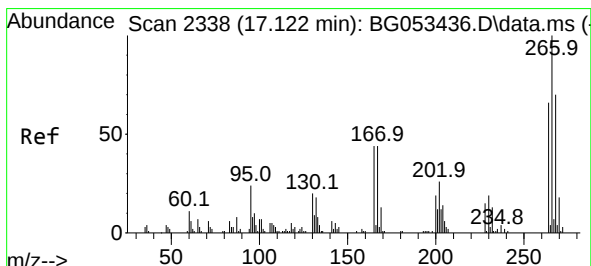
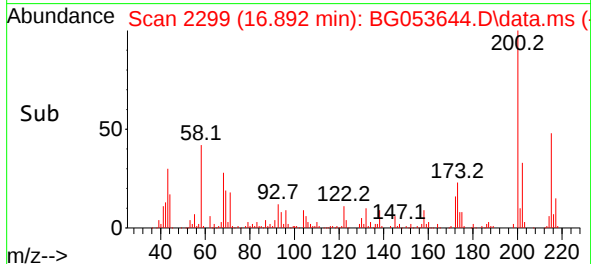
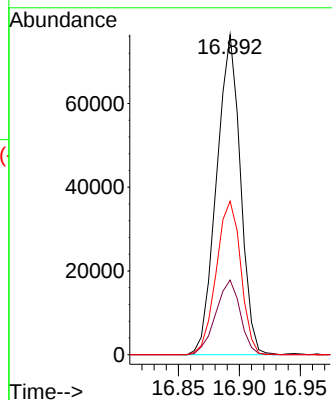
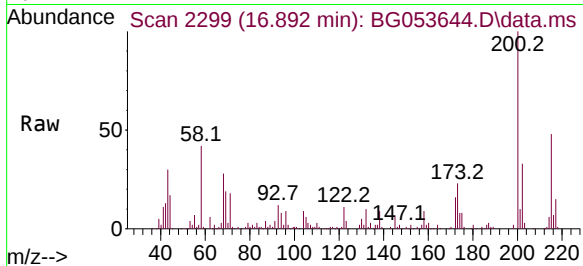




#69
 Atrazine
 Concen: 39.825 ng
 RT: 16.892 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG053644.D
 Acq: 20 May 2022 15:06

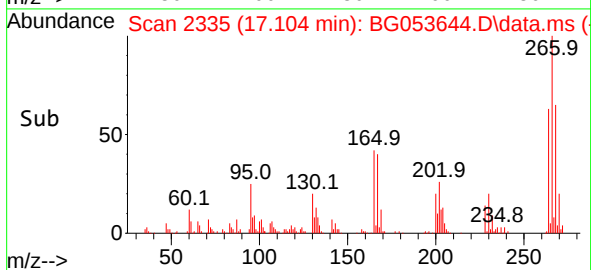
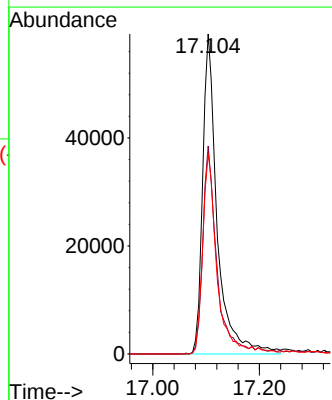
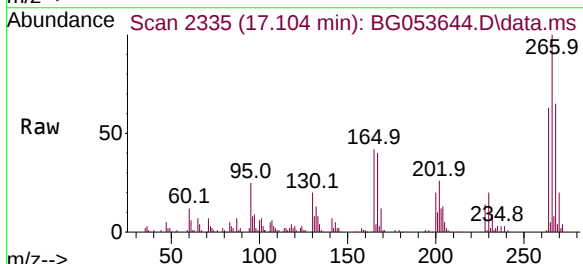
Instrument :
 BNA_G
 ClientSampleId :
 PB144936BS

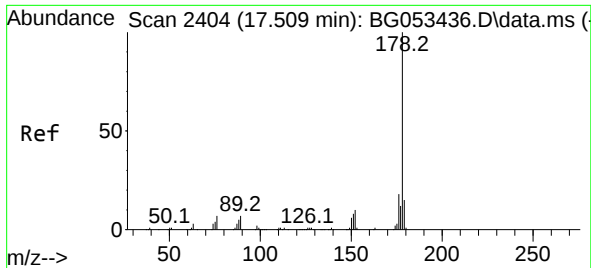
Tgt Ion:200 Resp: 103885
 Ion Ratio Lower Upper
 200 100
 173 23.3 3.7 43.7
 215 48.0 25.2 65.2



#70
 Pentachlorophenol
 Concen: 69.745 ng
 RT: 17.104 min Scan# 2335
 Delta R.T. -0.006 min
 Lab File: BG053644.D
 Acq: 20 May 2022 15:06

Tgt Ion:266 Resp: 112350
 Ion Ratio Lower Upper
 266 100
 268 65.0 56.2 84.2
 264 62.7 53.0 79.4

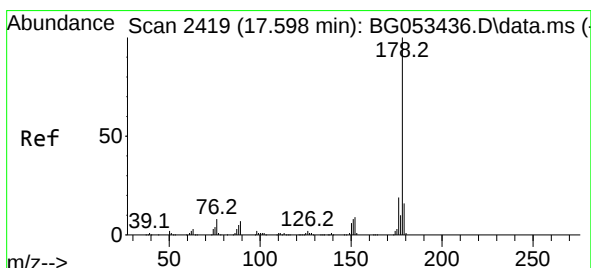
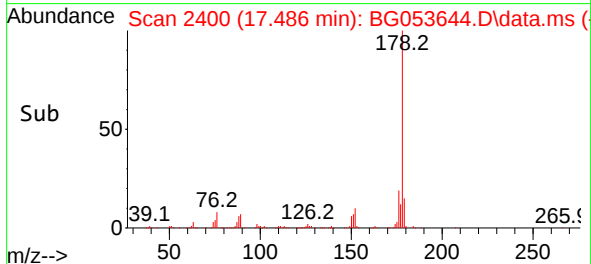
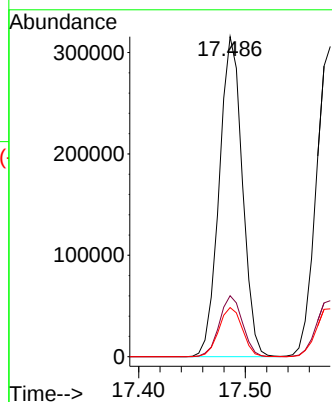
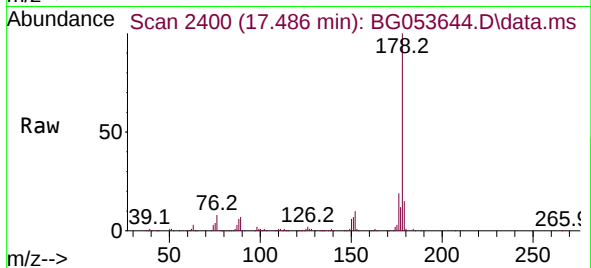




#71
Phenanthrene
Concen: 39.611 ng
RT: 17.486 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

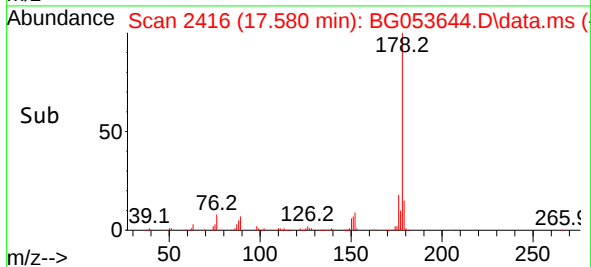
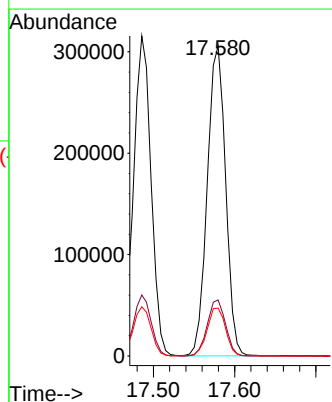
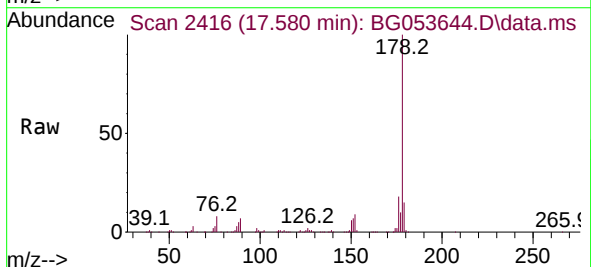
Instrument :
BNA_G
ClientSampleId :
PB144936BS

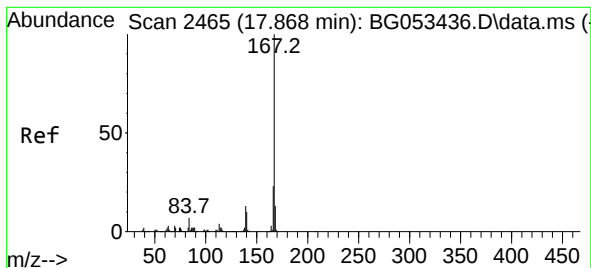
Tgt Ion:178 Resp: 475343
Ion Ratio Lower Upper
178 100
176 19.0 14.1 21.1
179 15.3 12.1 18.1



#72
Anthracene
Concen: 40.575 ng
RT: 17.580 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

Tgt Ion:178 Resp: 478594
Ion Ratio Lower Upper
178 100
176 18.1 15.2 22.8
179 15.4 13.0 19.4





#73

Carbazole

Concen: 37.856 ng

RT: 17.844 min Scan# 2461

Delta R.T. -0.006 min

Lab File: BG053644.D

Acq: 20 May 2022 15:06

Instrument :

BNA_G

ClientSampleId :

PB144936BS

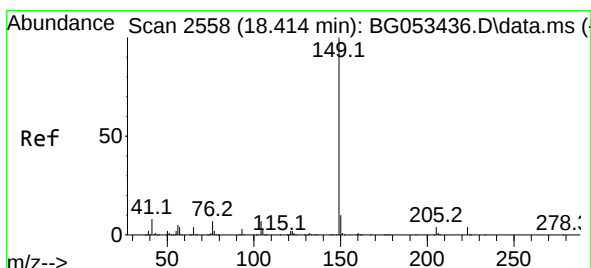
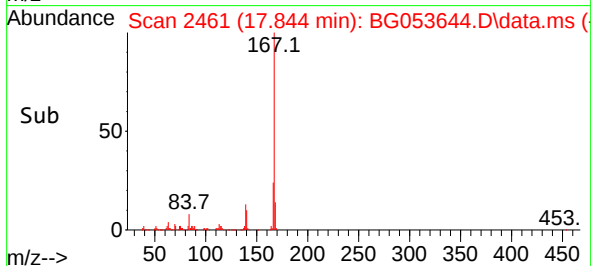
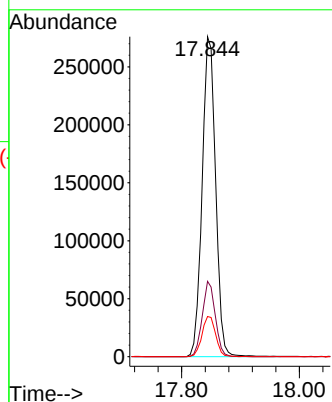
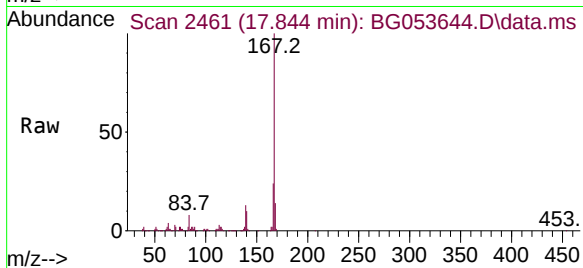
Tgt Ion:167 Resp: 437615

Ion Ratio Lower Upper

167 100

166 23.6 18.2 27.2

139 12.6 10.1 15.1



#74

Di-n-butylphthalate

Concen: 39.475 ng

RT: 18.390 min Scan# 2554

Delta R.T. -0.006 min

Lab File: BG053644.D

Acq: 20 May 2022 15:06

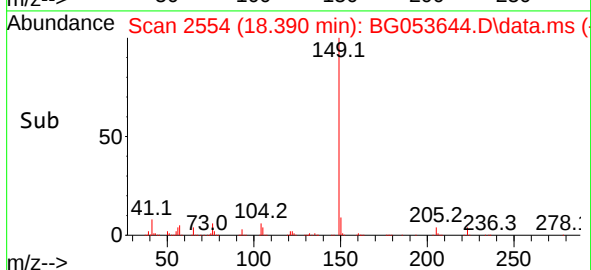
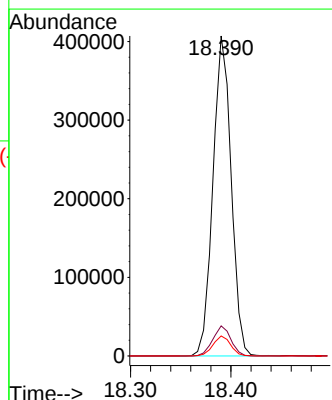
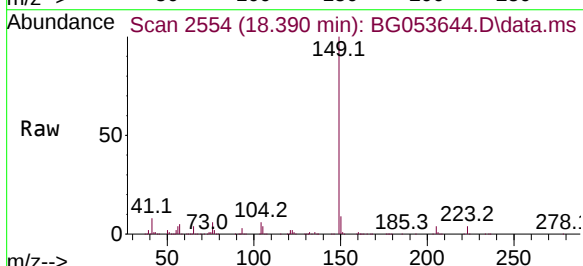
Tgt Ion:149 Resp: 513230

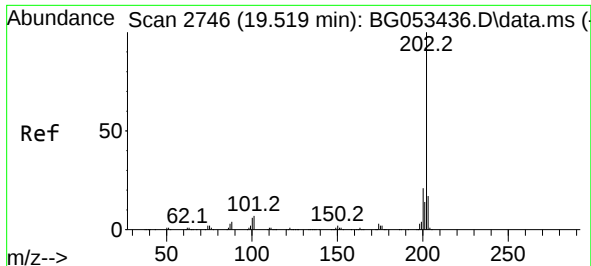
Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

104 6.3 5.4 8.0

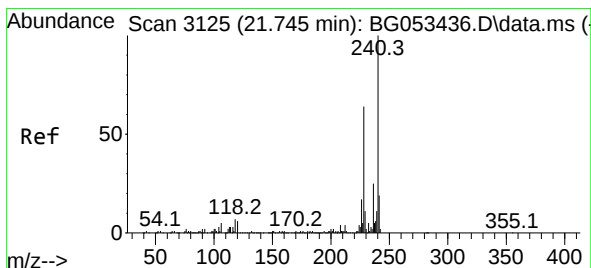
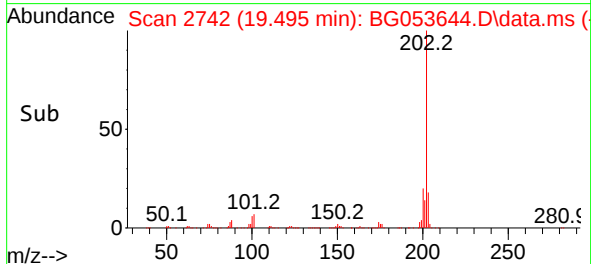
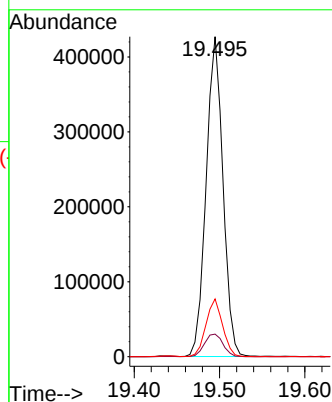
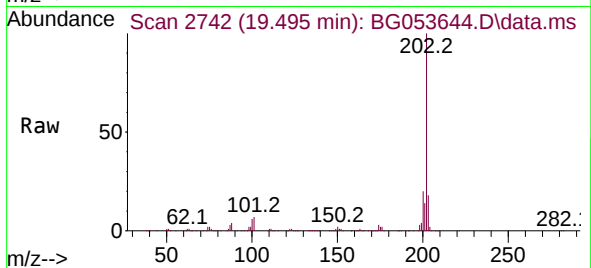




#75
Fluoranthene
Concen: 37.635 ng
RT: 19.495 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

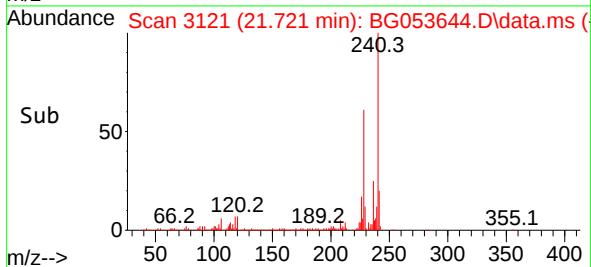
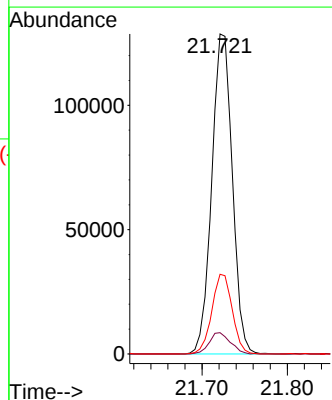
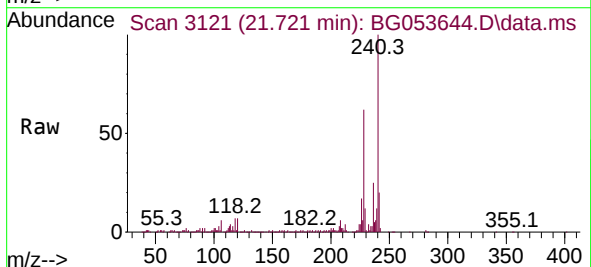
Instrument :
BNA_G
ClientSampleId :
PB144936BS

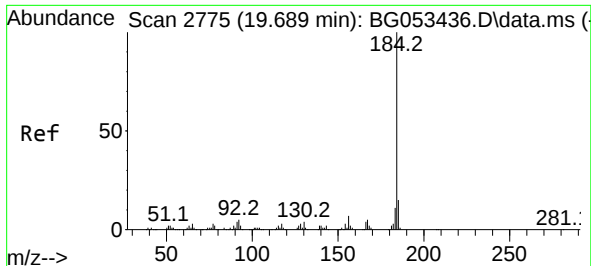
Tgt Ion:202 Resp: 584784
Ion Ratio Lower Upper
202 100
101 7.0 0.0 26.9
203 18.1 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.721 min Scan# 3121
Delta R.T. -0.012 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

Tgt Ion:240 Resp: 215246
Ion Ratio Lower Upper
240 100
120 6.7 4.6 7.0
236 24.9 20.2 30.4

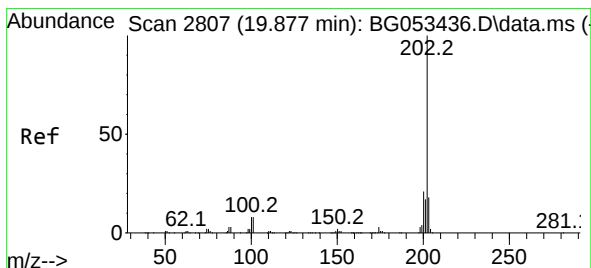
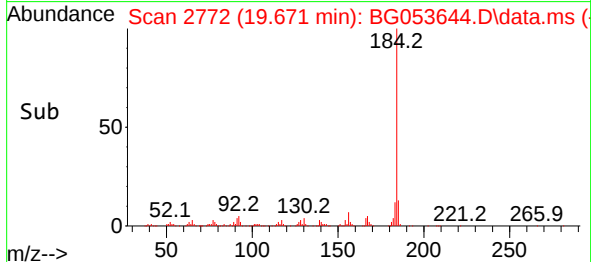
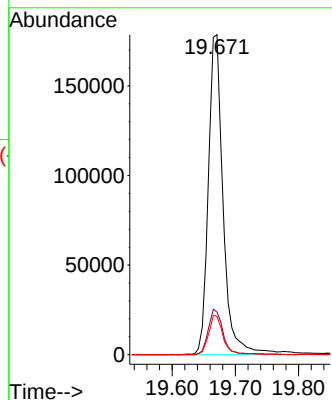
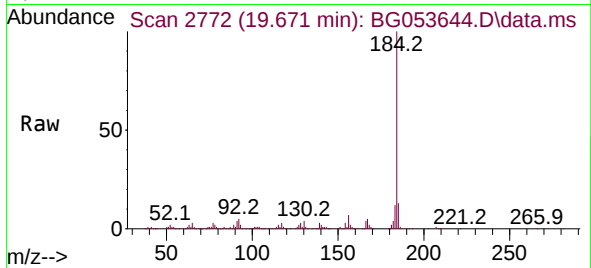




#77
Benzidine
Concen: 62.578 ng
RT: 19.671 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

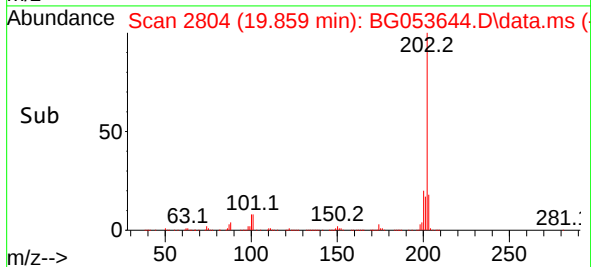
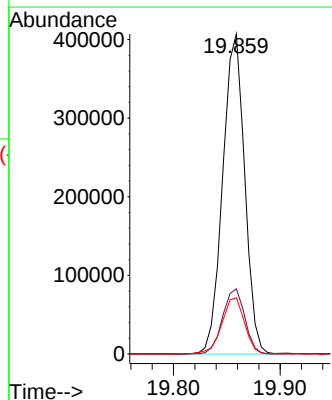
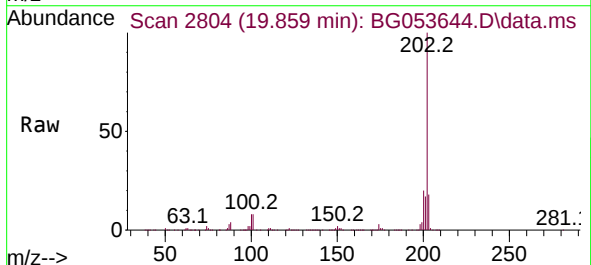
Instrument :
BNA_G
ClientSampleId :
PB144936BS

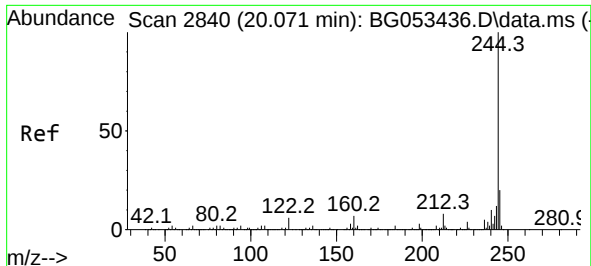
Tgt Ion:184 Resp: 290319
Ion Ratio Lower Upper
184 100
185 13.3 11.8 17.6
183 11.9 8.9 13.3



#78
Pyrene
Concen: 41.751 ng
RT: 19.859 min Scan# 2804
Delta R.T. -0.006 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

Tgt Ion:202 Resp: 581759
Ion Ratio Lower Upper
202 100
200 20.4 16.6 24.8
203 17.6 14.6 21.8

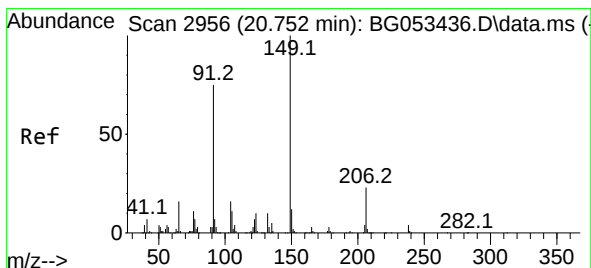
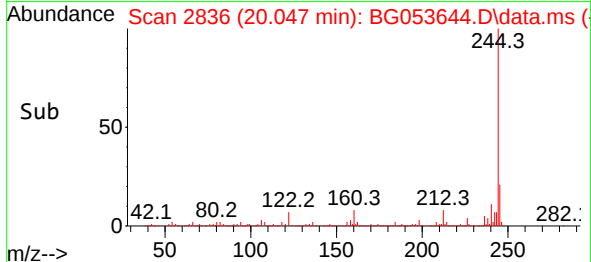
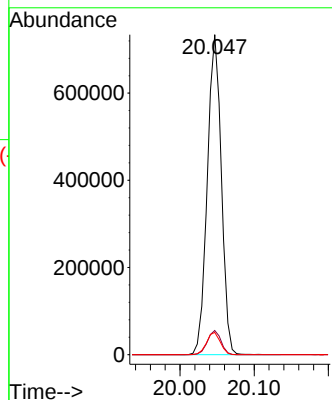
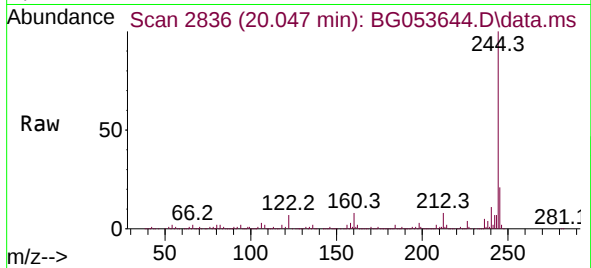




#79
 Terphenyl-d14
 Concen: 83.450 ng
 RT: 20.047 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG053644.D
 Acq: 20 May 2022 15:06

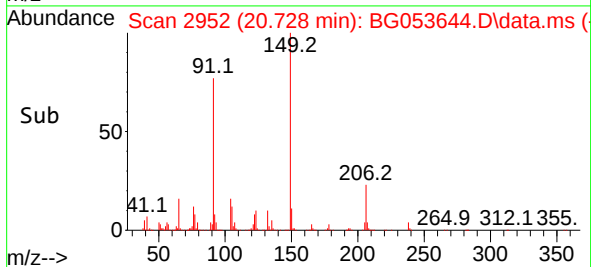
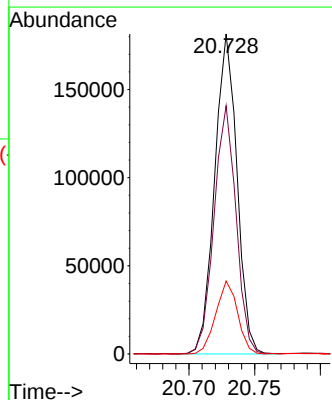
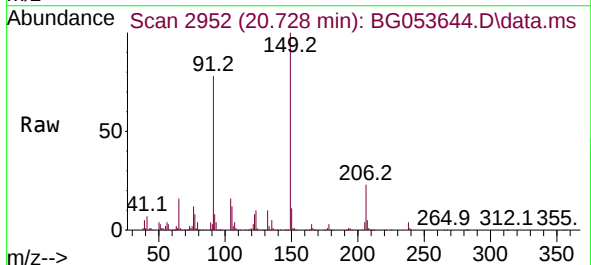
Instrument :
 BNA_G
 ClientSampleId :
 PB144936BS

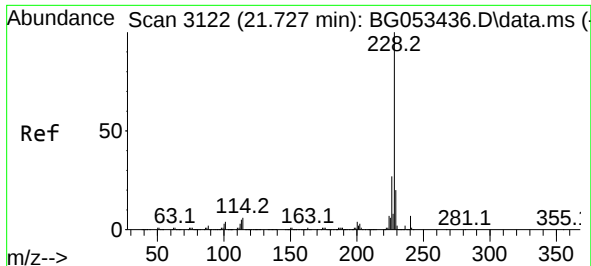
Tgt Ion:244 Resp: 964438
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 6.9 5.0 7.4



#80
 Butylbenzylphthalate
 Concen: 42.030 ng
 RT: 20.728 min Scan# 2952
 Delta R.T. -0.006 min
 Lab File: BG053644.D
 Acq: 20 May 2022 15:06

Tgt Ion:149 Resp: 214751
 Ion Ratio Lower Upper
 149 100
 91 77.5 59.6 89.4
 206 22.8 18.6 28.0

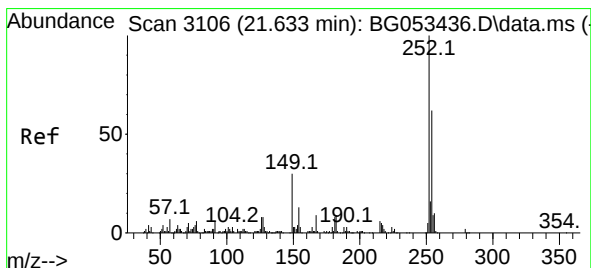
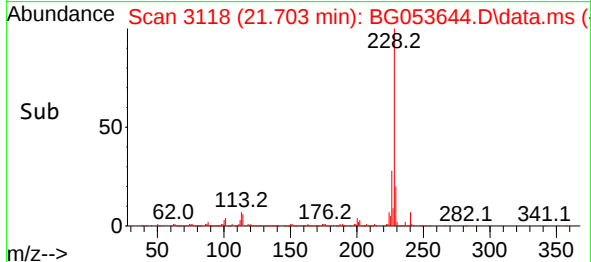
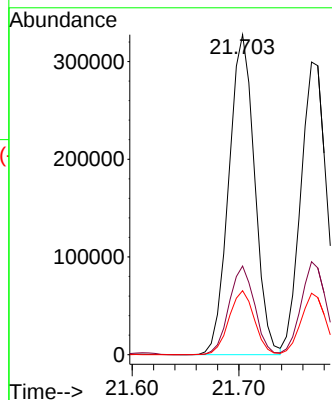
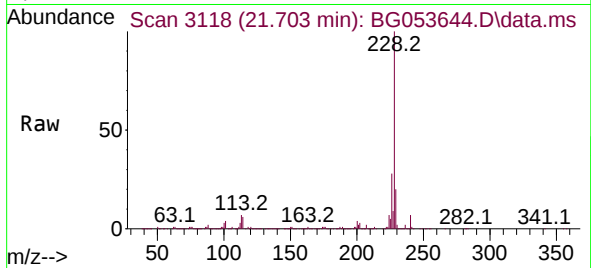




#81
Benzo(a)anthracene
Concen: 40.094 ng
RT: 21.703 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

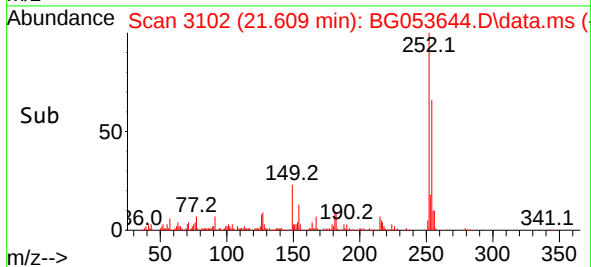
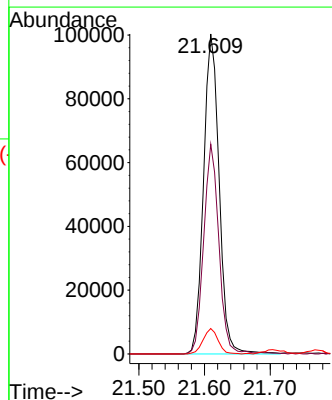
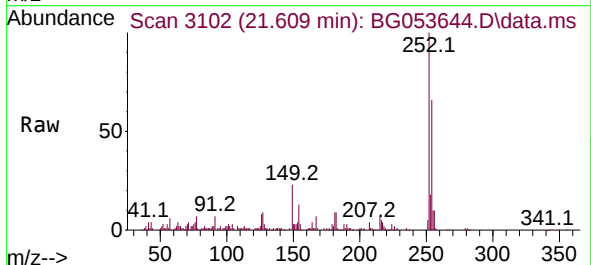
Instrument :
BNA_G
ClientSampleId :
PB144936BS

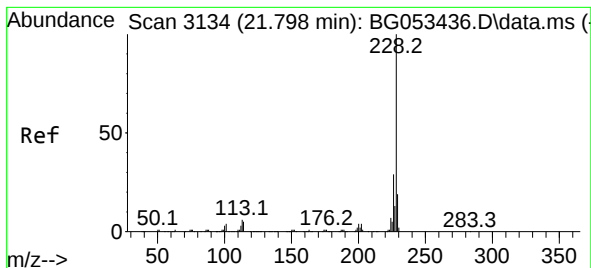
Tgt Ion:228 Resp: 550447
Ion Ratio Lower Upper
228 100
226 27.7 21.6 32.4
229 20.0 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 47.738 ng
RT: 21.609 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

Tgt Ion:252 Resp: 166199
Ion Ratio Lower Upper
252 100
254 65.5 49.8 74.8
126 7.9 6.0 9.0





#83

Chrysene

Concen: 39.155 ng

RT: 21.768 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG053644.D

Acq: 20 May 2022 15:06

Instrument :

BNA_G

ClientSampleId :

PB144936BS

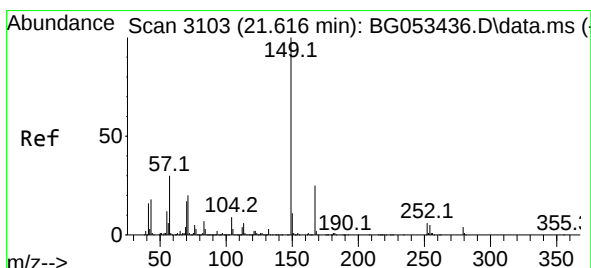
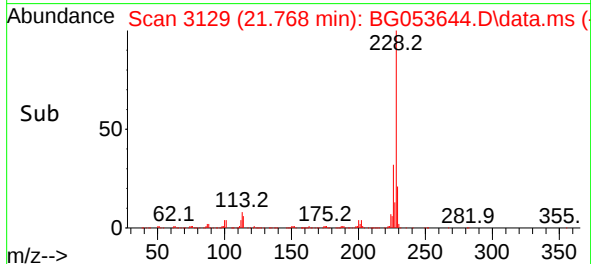
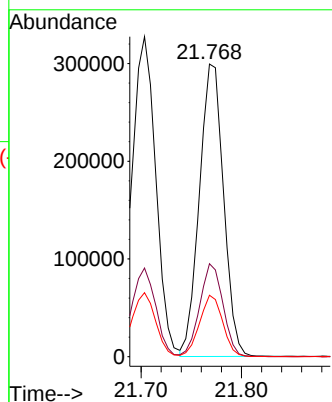
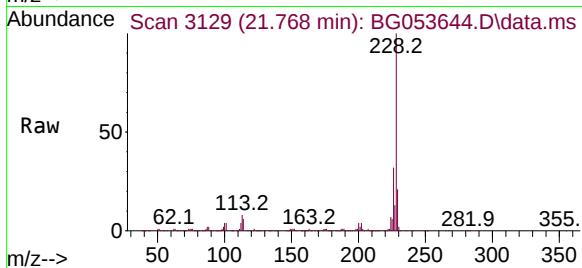
Tgt Ion:228 Resp: 502059

Ion Ratio Lower Upper

228 100

226 31.8 23.4 35.2

229 21.0 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.473 ng

RT: 21.592 min Scan# 3099

Delta R.T. -0.006 min

Lab File: BG053644.D

Acq: 20 May 2022 15:06

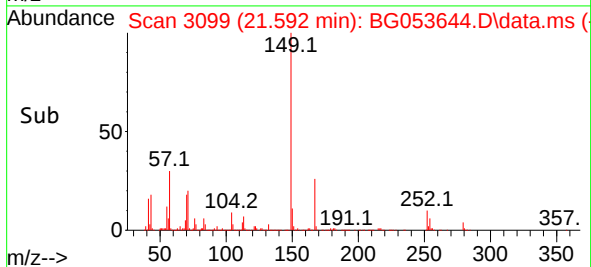
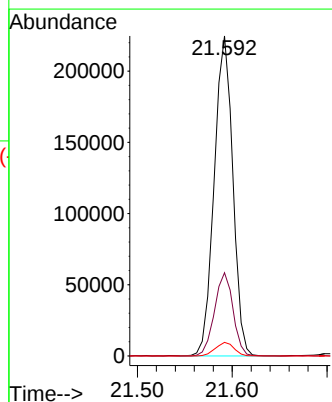
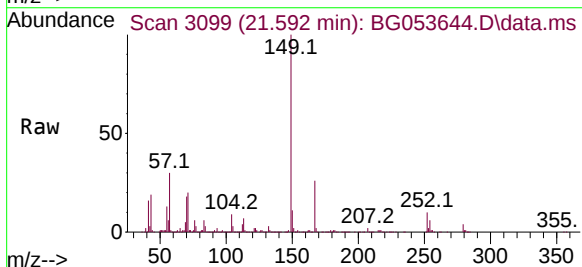
Tgt Ion:149 Resp: 306587

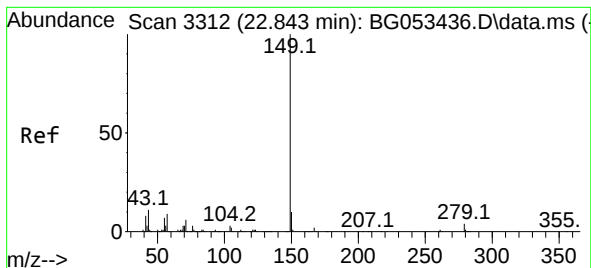
Ion Ratio Lower Upper

149 100

167 26.0 20.2 30.4

279 4.2 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 42.974 ng

RT: 22.808 min Scan# 31

Delta R.T. -0.012 min

Lab File: BG053644.D

Acq: 20 May 2022 15:06

Instrument :

BNA_G

ClientSampleId :

PB144936BS

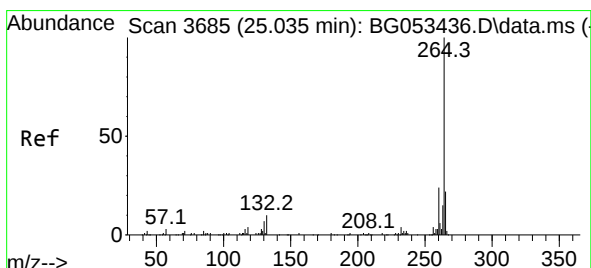
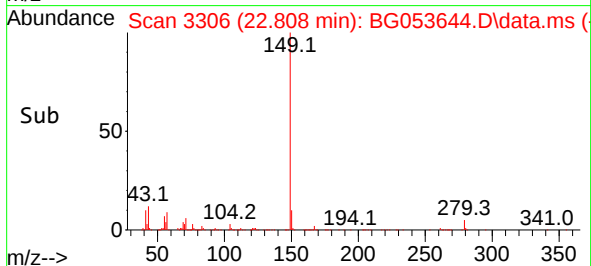
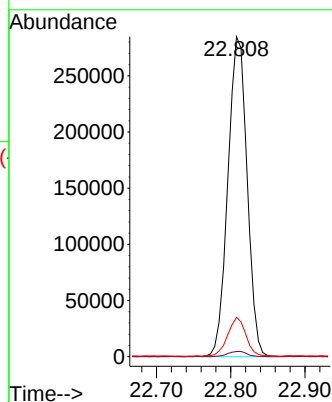
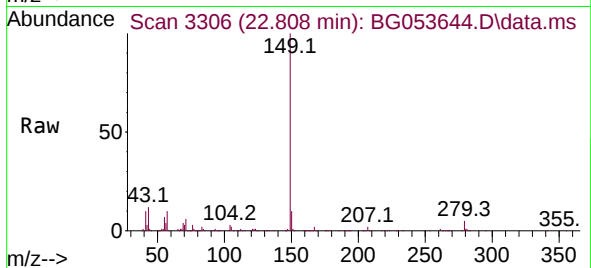
Tgt Ion:149 Resp: 512476

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 11.5 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.987 min Scan# 3677

Delta R.T. -0.018 min

Lab File: BG053644.D

Acq: 20 May 2022 15:06

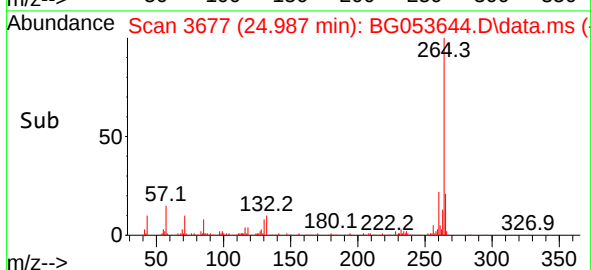
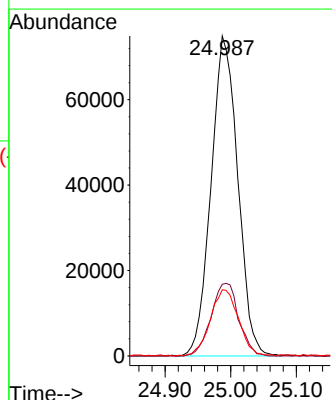
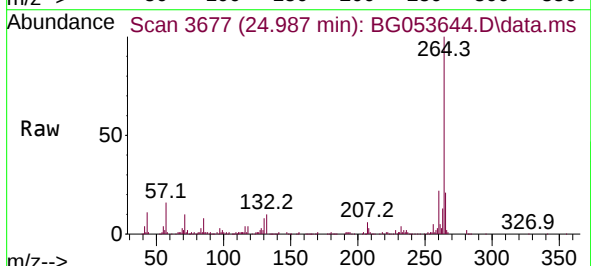
Tgt Ion:264 Resp: 211426

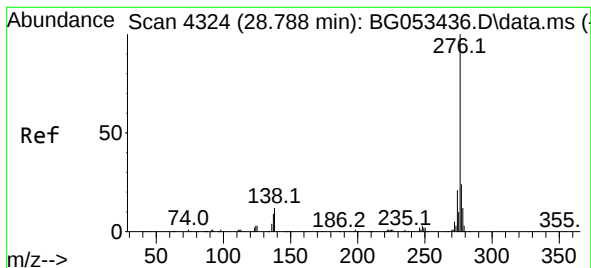
Ion Ratio Lower Upper

264 100

260 22.4 19.0 28.6

265 20.7 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.985 ng

RT: 28.747 min Scan# 41

Delta R.T. -0.006 min

Lab File: BG053644.D

Acq: 20 May 2022 15:06

Instrument :

BNA_G

ClientSampleId :

PB144936BS

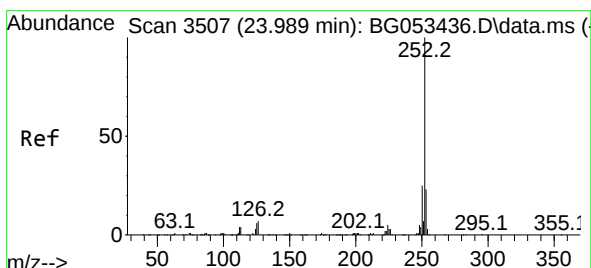
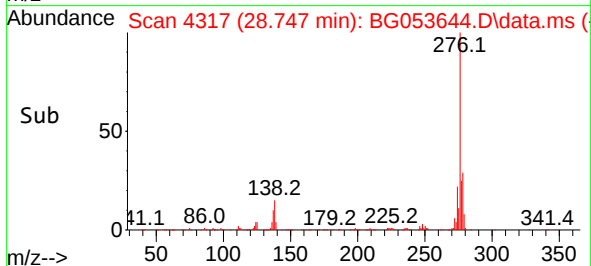
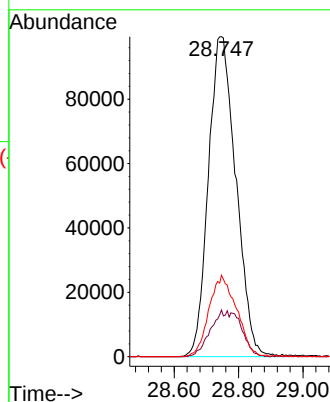
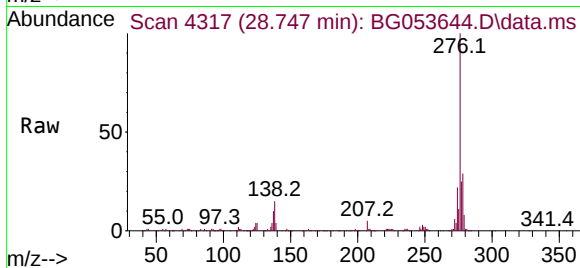
Tgt Ion:276 Resp: 588796

Ion Ratio Lower Upper

276 100

138 8.0 5.0 7.4#

277 25.4 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 44.180 ng

RT: 23.953 min Scan# 3501

Delta R.T. -0.006 min

Lab File: BG053644.D

Acq: 20 May 2022 15:06

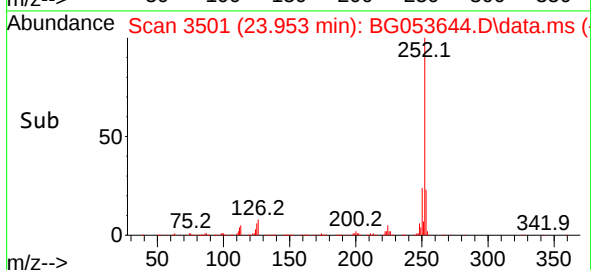
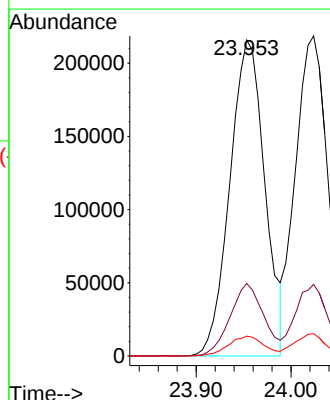
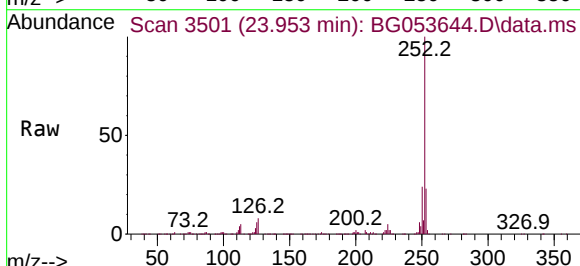
Tgt Ion:252 Resp: 552894

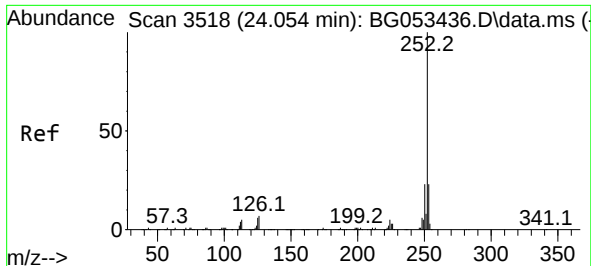
Ion Ratio Lower Upper

252 100

253 22.9 18.0 27.0

125 6.3 4.6 6.8

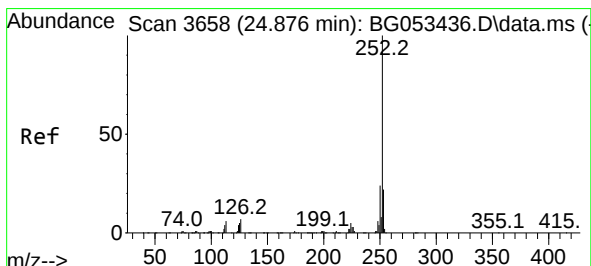
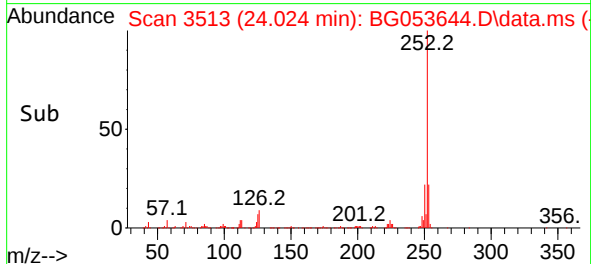
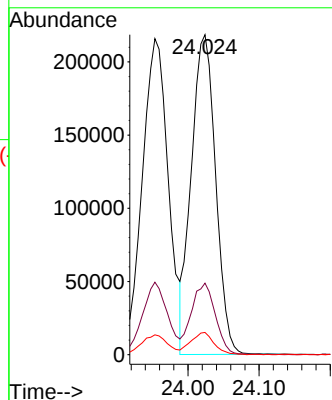
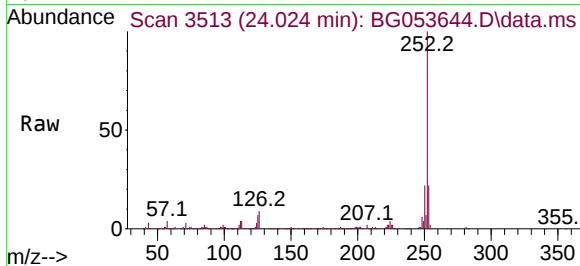




#89
Benzo(k)fluoranthene
Concen: 42.157 ng
RT: 24.024 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

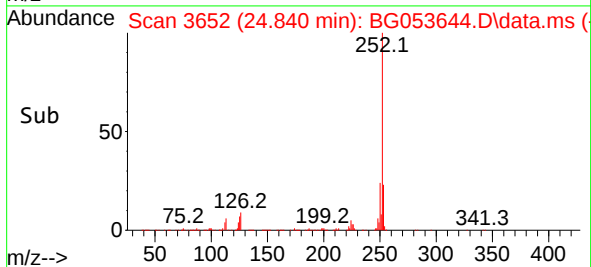
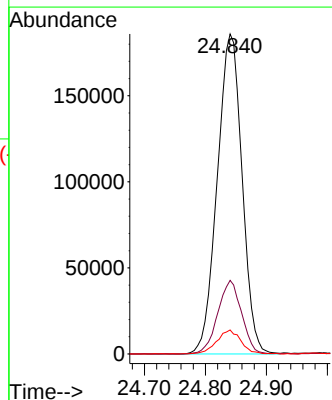
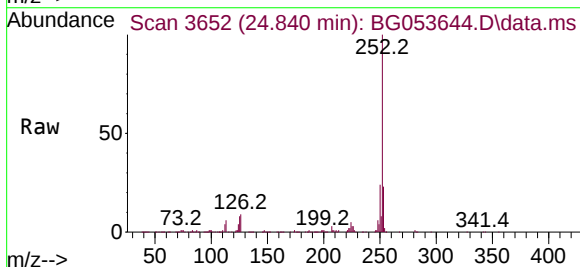
Instrument :
BNA_G
ClientSampleId :
PB144936BS

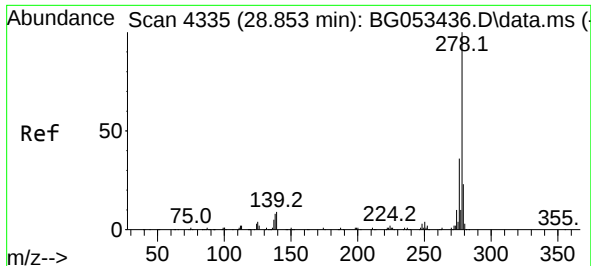
Tgt Ion:252 Resp: 518431
Ion Ratio Lower Upper
252 100
253 22.4 18.4 27.6
125 6.9 4.8 7.2



#90
Benzo(a)pyrene
Concen: 49.310 ng
RT: 24.840 min Scan# 3652
Delta R.T. -0.006 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

Tgt Ion:252 Resp: 525246
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 7.5 4.3 6.5#

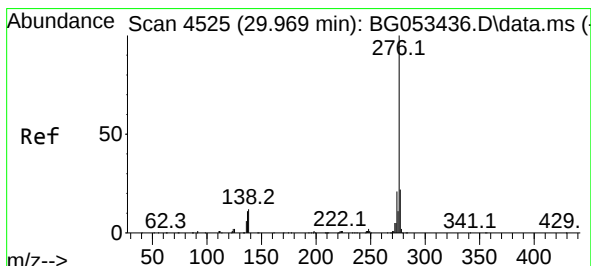
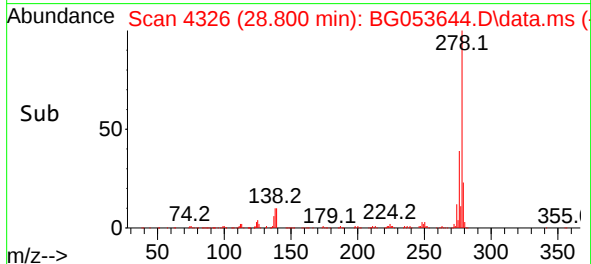
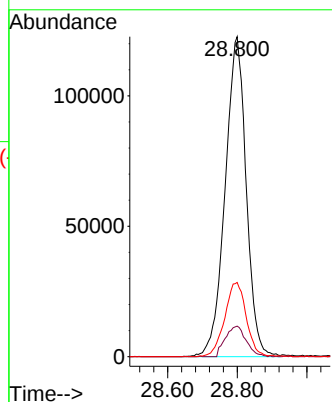
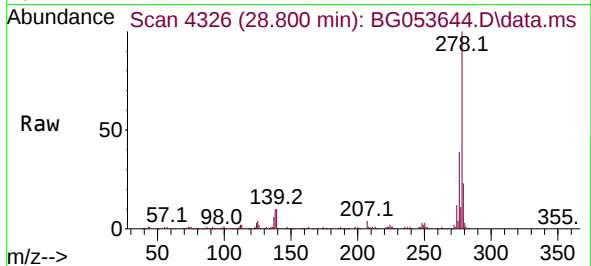




#91
Dibenzo(a,h)anthracene
Concen: 42.530 ng
RT: 28.800 min Scan# 41
Delta R.T. -0.006 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

Instrument :
BNA_G
ClientSampleId :
PB144936BS

Tgt Ion:278 Resp: 516043
Ion Ratio Lower Upper
278 100
139 9.5 7.2 10.8
279 23.2 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 42.154 ng
RT: 29.928 min Scan# 4518
Delta R.T. -0.006 min
Lab File: BG053644.D
Acq: 20 May 2022 15:06

Tgt Ion:276 Resp: 506998
Ion Ratio Lower Upper
276 100
277 23.9 17.3 25.9
138 12.7 9.6 14.4

