

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051722\
 Data File : BG053582.D
 Acq On : 17 May 2022 13:45
 Operator : CG/JU
 Sample : PB144792BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144792BS

Quant Time: May 17 15:27:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	21499	20.000	ng	0.00
21) Naphthalene-d8	10.895	136	95671	20.000	ng	# 0.00
39) Acenaphthene-d10	14.708	164	80035	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	203714	20.000	ng	0.00
76) Chrysene-d12	21.739	240	191702	20.000	ng	0.00
86) Perylene-d12	25.017	264	195331	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	167822	132.479	ng	0.00
7) Phenol-d6	7.247	99	250364	130.226	ng	0.00
23) Nitrobenzene-d5	9.244	82	177347	78.910	ng	0.00
42) 2,4,6-Tribromophenol	16.200	330	151445	128.297	ng	0.00
45) 2-Fluorobiphenyl	13.333	172	425220	77.637	ng	0.00
79) Terphenyl-d14	20.059	244	888482	86.320	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.517	88	17321	26.060	ng	87
3) Pyridine	3.922	79	43787	26.976	ng	98
4) n-Nitrosodimethylamine	3.834	42	31021	39.232	ng	97
6) Aniline	7.400	93	89361	41.966	ng	99
8) 2-Chlorophenol	7.652	128	62421	47.135	ng	99
9) Benzaldehyde	7.212	77	41335	33.843	ng	95
10) Phenol	7.271	94	87882	46.738	ng	96
11) bis(2-Chloroethyl)ether	7.494	93	59293	42.281	ng	96
12) 1,3-Dichlorobenzene	7.970	146	61160	39.148	ng	# 89
13) 1,4-Dichlorobenzene	8.116	146	64047	40.625	ng	98
14) 1,2-Dichlorobenzene	8.440	146	61164	41.315	ng	98
15) Benzyl Alcohol	8.322	79	74104	46.104	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.610	45	93324	40.889	ng	97
17) 2-Methylphenol	8.528	107	59007	46.430	ng	91
18) Hexachloroethane	9.168	117	24190	40.405	ng	94
19) n-Nitroso-di-n-propyla...	8.880	70	59568	43.184	ng	96
20) 3+4-Methylphenols	8.857	107	81448	45.378	ng	97
22) Acetophenone	8.904	105	102413	39.113	ng	# 98
24) Nitrobenzene	9.291	77	91214	41.932	ng	100
25) Isophorone	9.808	82	168134	44.452	ng	99
26) 2-Nitrophenol	10.002	139	37685	42.774	ng	90
27) 2,4-Dimethylphenol	10.061	122	65743	49.584	ng	96
28) bis(2-Chloroethoxy)met...	10.290	93	86458	39.744	ng	96
29) 2,4-Dichlorophenol	10.543	162	72091	45.051	ng	93
30) 1,2,4-Trichlorobenzene	10.754	180	73400	40.371	ng	97
31) Naphthalene	10.942	128	196820	40.444	ng	99
32) Benzoic acid	10.231	122	31126	39.402	ng	97
33) 4-Chloroaniline	11.048	127	63394	31.105	ng	97
34) Hexachlorobutadiene	11.230	225	51728	38.369	ng	97
35) Caprolactam	11.817	113	14001	24.077	ng	96
36) 4-Chloro-3-methylphenol	12.176	107	86929	45.414	ng	94
37) 2-Methylnaphthalene	12.546	142	149165	41.072	ng	98
38) 1-Methylnaphthalene	12.763	142	145023	40.928	ng	98
40) 1,2,4,5-Tetrachloroben...	12.916	216	98381	38.997	ng	98
41) Hexachlorocyclopentadiene	12.892	237	83739	81.325	ng	96
43) 2,4,6-Trichlorophenol	13.151	196	68535	41.618	ng	99

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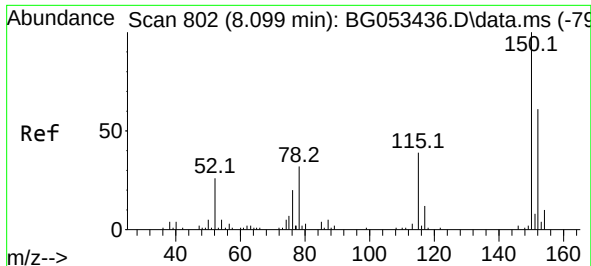
Quant Time: May 17 15:27:54 2022
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.233	196	75353	42.994	ng	96
46) 1,1'-Biphenyl	13.544	154	212921	39.029	ng	98
47) 2-Chloronaphthalene	13.591	162	166265	38.899	ng	99
48) 2-Nitroaniline	13.791	65	70268	44.120	ng	96
49) Acenaphthylene	14.431	152	295330	43.300	ng	98
50) Dimethylphthalate	14.155	163	254126	41.784	ng	99
51) 2,6-Dinitrotoluene	14.279	165	54507	43.990	ng	98
52) Acenaphthene	14.778	154	165460	40.706	ng	97
53) 3-Nitroaniline	14.614	138	44872	33.516	ng	100
54) 2,4-Dinitrophenol	14.831	184	64462	81.805	ng	94
55) Dibenzofuran	15.107	168	287577	39.389	ng	96
56) 4-Nitrophenol	14.931	139	83078	86.879	ng	87
57) 2,4-Dinitrotoluene	15.072	165	80452	44.794	ng	96
58) Fluorene	15.753	166	240975	41.129	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.342	232	75740	42.592	ng	99
60) Diethylphthalate	15.512	149	266877	42.480	ng	98
61) 4-Chlorophenyl-phenyle...	15.741	204	134951	41.277	ng	96
62) 4-Nitroaniline	15.777	138	56797	40.902	ng	99
63) Azobenzene	16.035	77	261923	40.714	ng	98
65) 4,6-Dinitro-2-methylph...	15.841	198	47959	39.509	ng	94
66) n-Nitrosodiphenylamine	15.959	169	220759	41.274	ng	99
67) 4-Bromophenyl-phenylether	16.640	248	98219	41.283	ng	100
68) Hexachlorobenzene	16.769	284	106597	40.911	ng	98
69) Atrazine	16.905	200	97768	43.421	ng	97
70) Pentachlorophenol	17.116	266	104128	74.544	ng	96
71) Phenanthrene	17.498	178	422381	40.776	ng	97
72) Anthracene	17.592	178	429186	42.154	ng	99
73) Carbazole	17.856	167	384148	38.498	ng	99
74) Di-n-butylphthalate	18.403	149	454204	40.473	ng	99
75) Fluoranthene	19.507	202	532216	39.681	ng	99
77) Benzidine	19.677	184	193296	46.782	ng	99
78) Pyrene	19.865	202	529650	42.680	ng	100
80) Butylbenzylphthalate	20.741	149	191412	42.063	ng	99
81) Benzo(a)anthracene	21.716	228	509058	41.634	ng	100
82) 3,3'-Dichlorobenzidine	21.628	252	146922	47.384	ng	97
83) Chrysene	21.786	228	459117	40.204	ng	97
84) Bis(2-ethylhexyl)phtha...	21.604	149	271280	43.191	ng	99
85) Di-n-octyl phthalate	22.832	149	465300	43.810	ng	100
87) Indeno(1,2,3-cd)pyrene	28.783	276	555906	40.862	ng	# 98
88) Benzo(b)fluoranthene	23.977	252	527284	45.605	ng	99
89) Benzo(k)fluoranthene	24.042	252	487329	42.893	ng	97
90) Benzo(a)pyrene	24.864	252	497568	50.561	ng	99
91) Dibenzo(a,h)anthracene	28.835	278	482280	43.023	ng	97
92) Benzo(g,h,i)perylene	29.963	276	482398	43.413	ng	97

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

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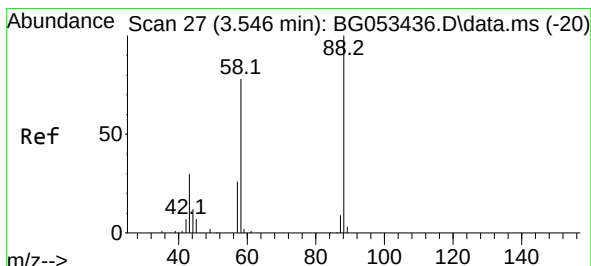
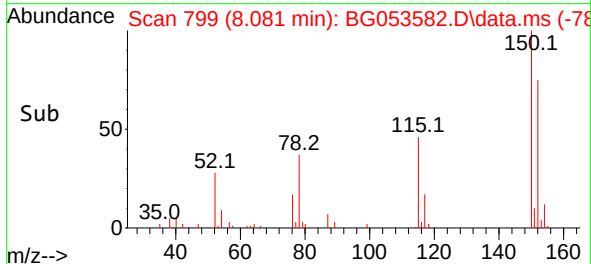
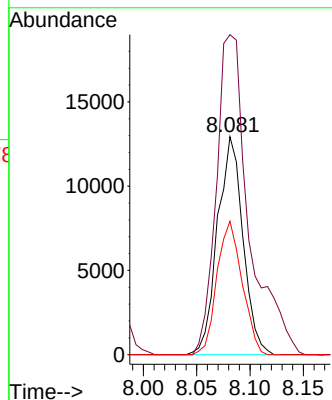
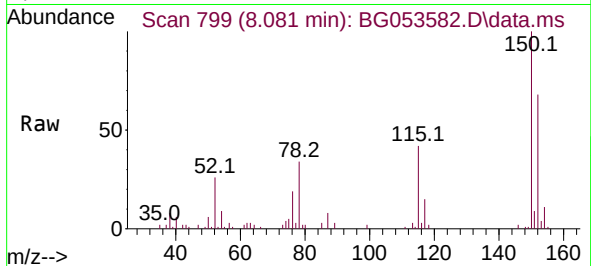




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.081 min Scan# 79
 Delta R.T. -0.008 min
 Lab File: BG053582.D
 Acq: 17 May 2022 13:45

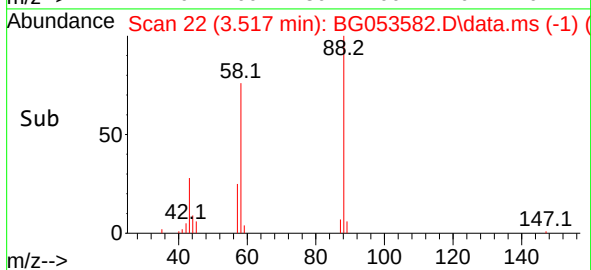
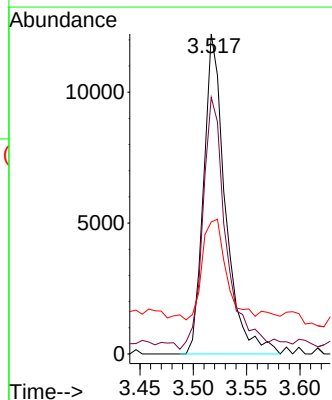
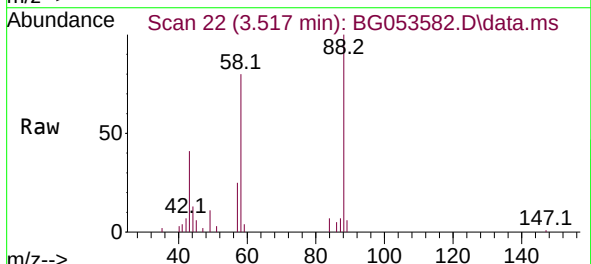
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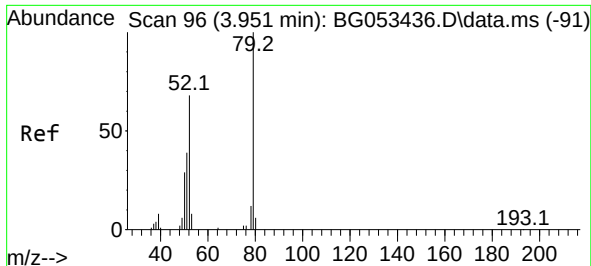
Tgt Ion:152 Resp: 21499
 Ion Ratio Lower Upper
 152 100
 150 146.8 131.6 197.4
 115 61.2 50.9 76.3



#2
 1,4-Dioxane
 Concen: 26.060 ng
 RT: 3.517 min Scan# 22
 Delta R.T. -0.020 min
 Lab File: BG053582.D
 Acq: 17 May 2022 13:45

Tgt Ion: 88 Resp: 17321
 Ion Ratio Lower Upper
 88 100
 58 86.4 59.2 88.8
 43 34.4 24.3 36.5

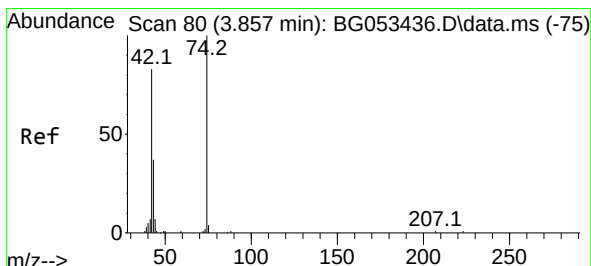
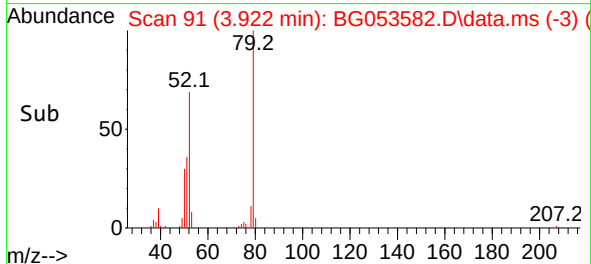
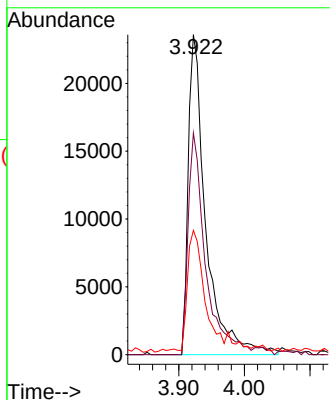
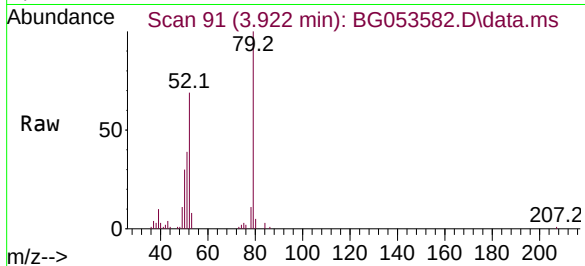




#3
Pyridine
Concen: 26.976 ng
RT: 3.922 min Scan# 91
Delta R.T. -0.014 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

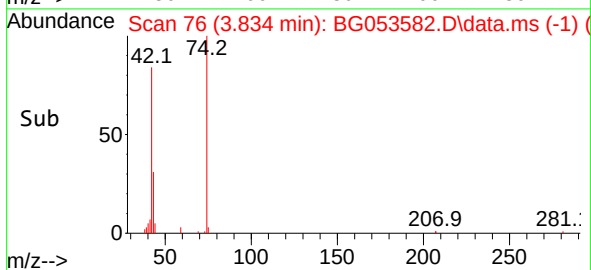
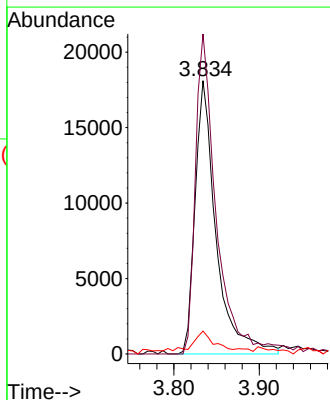
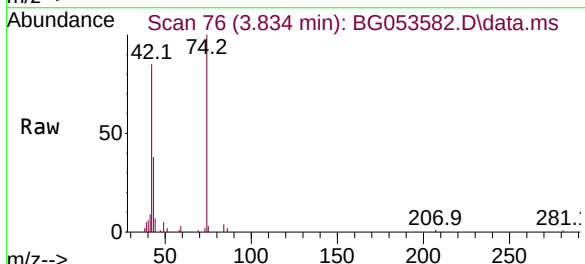
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ClientSampleId :
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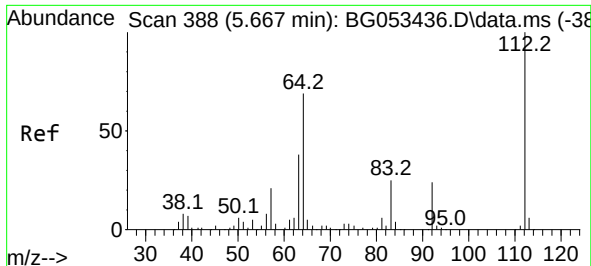
Tgt Ion: 79 Resp: 43787
Ion Ratio Lower Upper
79 100
52 69.3 54.6 81.8
51 38.9 32.5 48.7



#4
n-Nitrosodimethylamine
Concen: 39.232 ng
RT: 3.834 min Scan# 76
Delta R.T. -0.014 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

Tgt Ion: 42 Resp: 31021
Ion Ratio Lower Upper
42 100
74 117.1 97.0 145.4
44 8.4 7.0 10.4

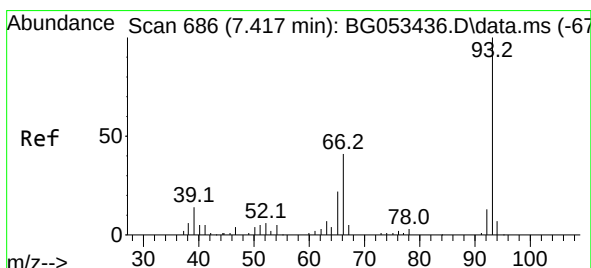
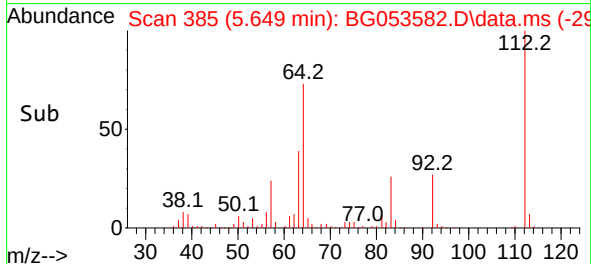
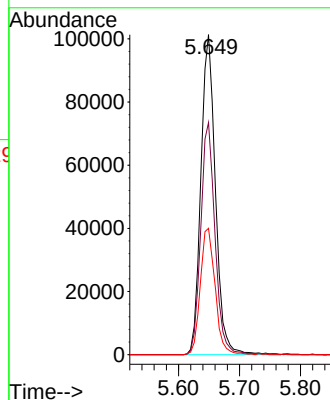
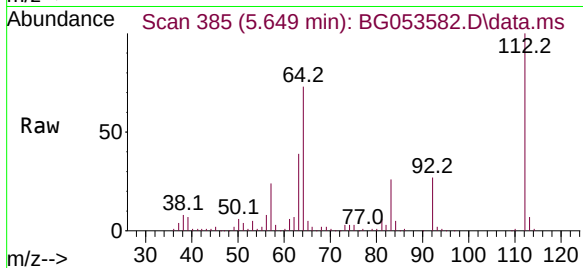




#5
2-Fluorophenol
Concen: 132.479 ng
RT: 5.649 min Scan# 385
Delta R.T. -0.002 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

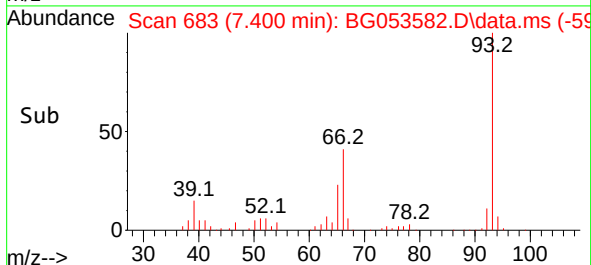
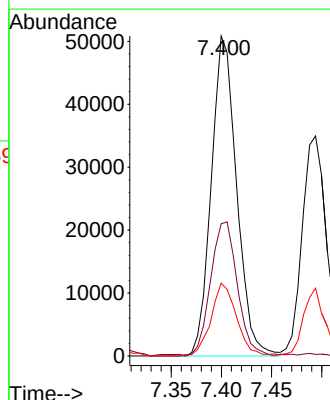
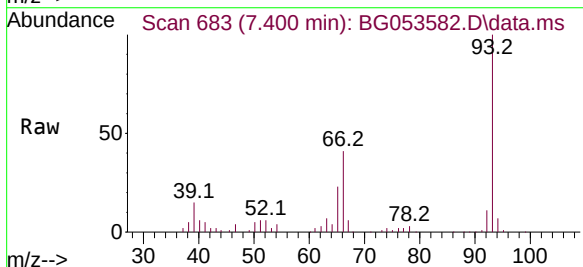
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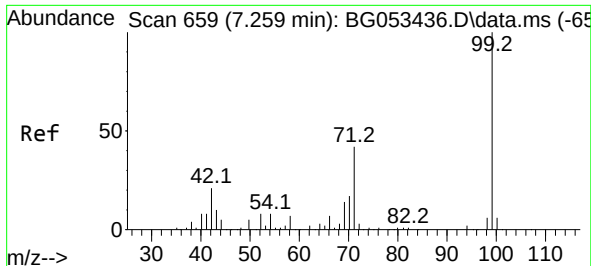
Tgt Ion:112 Resp: 167822
Ion Ratio Lower Upper
112 100
64 72.6 55.1 82.7
63 39.5 30.4 45.6



#6
Aniline
Concen: 41.966 ng
RT: 7.400 min Scan# 683
Delta R.T. -0.008 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

Tgt Ion: 93 Resp: 89361
Ion Ratio Lower Upper
93 100
66 41.3 32.9 49.3
65 22.7 17.8 26.8

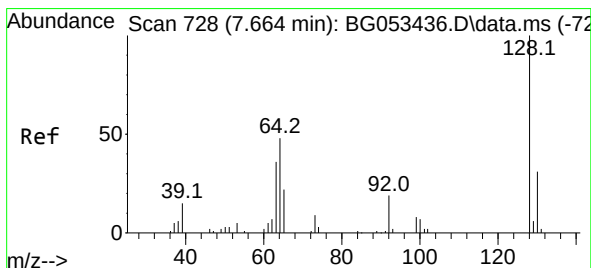
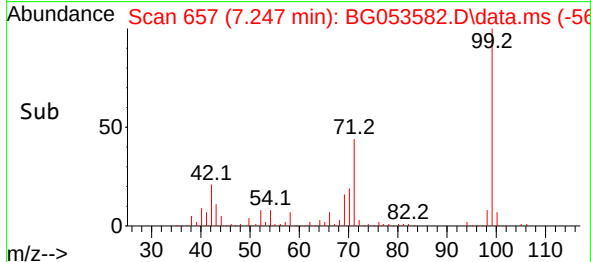
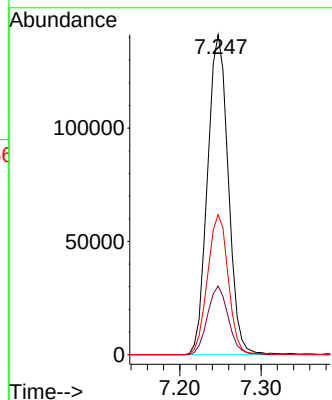
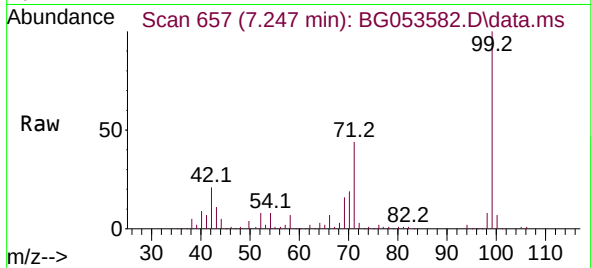




#7
Phenol-d6
Concen: 130.226 ng
RT: 7.247 min Scan# 611
Delta R.T. -0.002 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

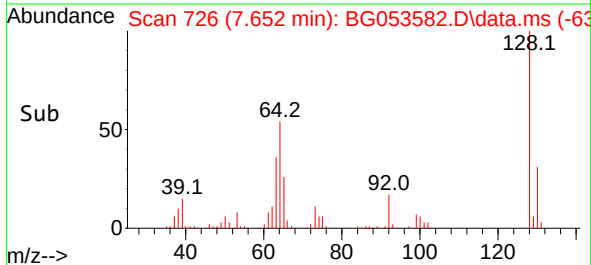
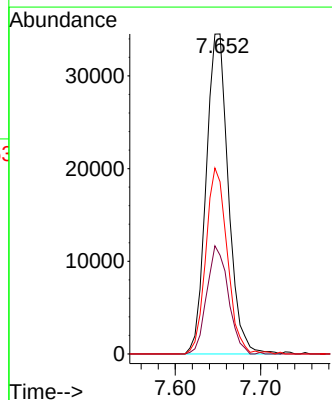
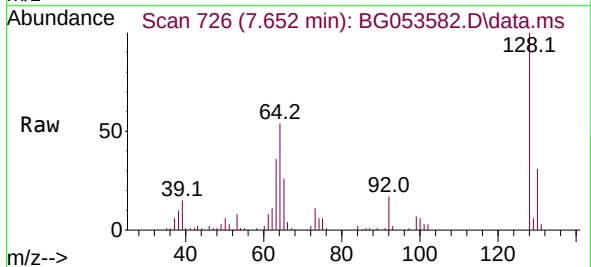
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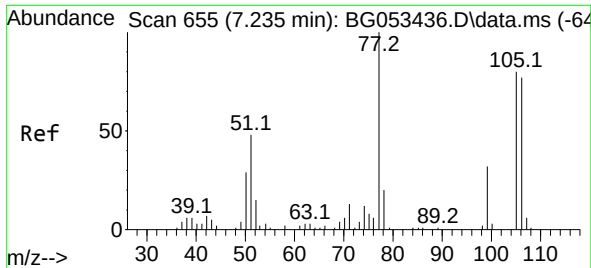
Tgt Ion: 99 Resp: 250364
Ion Ratio Lower Upper
99 100
42 21.4 17.0 25.6
71 43.7 33.8 50.8



#8
2-Chlorophenol
Concen: 47.135 ng
RT: 7.652 min Scan# 726
Delta R.T. -0.002 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

Tgt Ion: 128 Resp: 62421
Ion Ratio Lower Upper
128 100
130 30.8 10.5 50.5
64 53.8 35.1 75.1

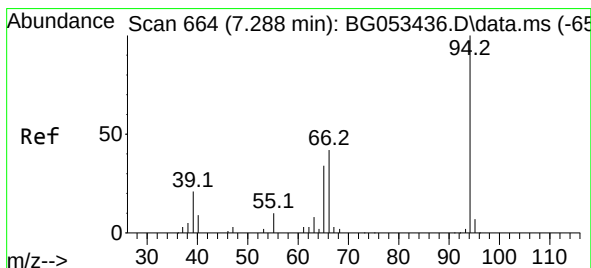
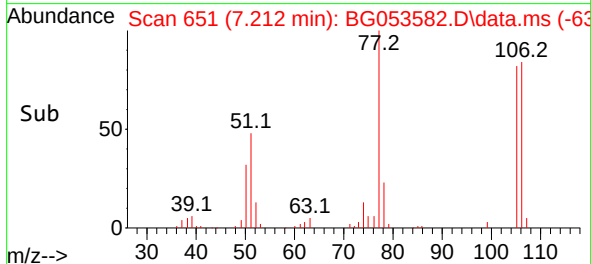
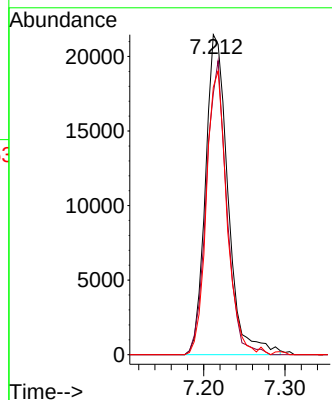
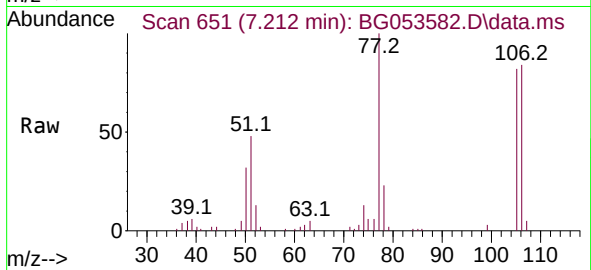




#9
Benzaldehyde
Concen: 33.843 ng
RT: 7.212 min Scan# 611
Delta R.T. -0.014 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

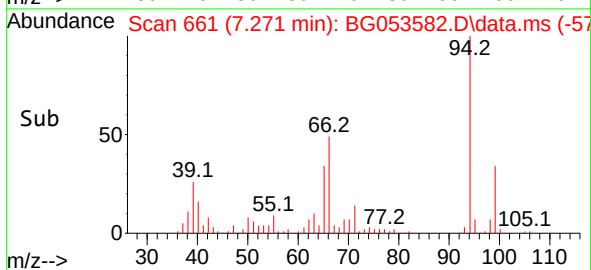
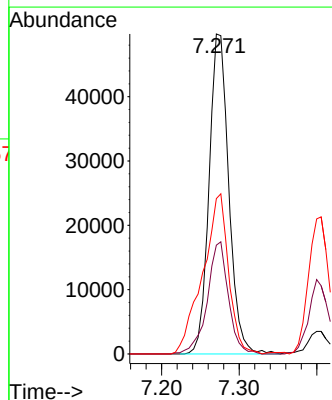
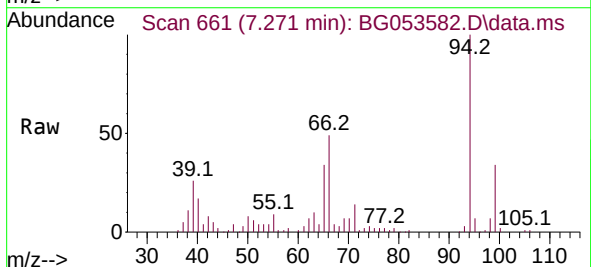
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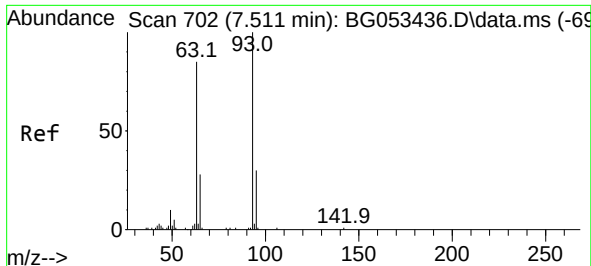
Tgt Ion: 77 Resp: 41335
Ion Ratio Lower Upper
77 100
105 81.7 59.6 99.6
106 83.6 56.8 96.8



#10
Phenol
Concen: 46.738 ng
RT: 7.271 min Scan# 661
Delta R.T. -0.008 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

Tgt Ion: 94 Resp: 87882
Ion Ratio Lower Upper
94 100
65 34.0 14.8 54.8
66 48.6 25.2 65.2

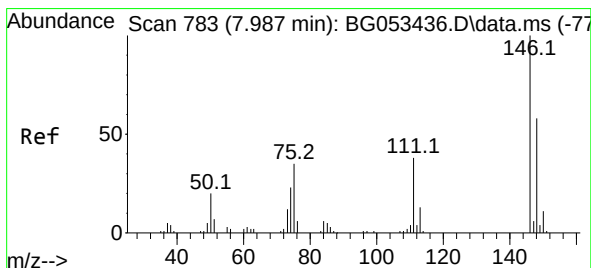
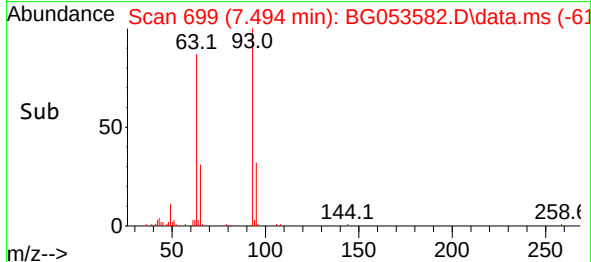
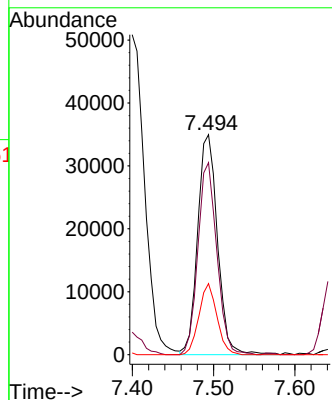
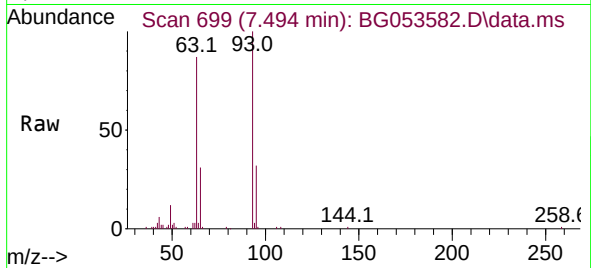




#11
bis(2-Chloroethyl)ether
Concen: 42.281 ng
RT: 7.494 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

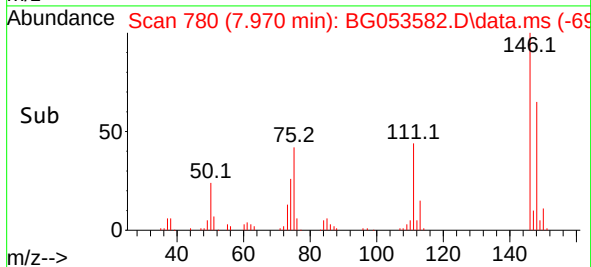
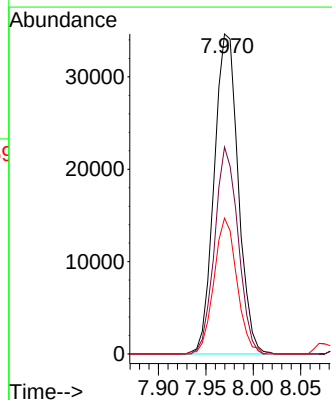
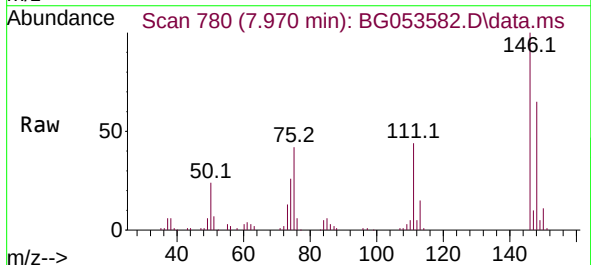
Instrument :
BNA_G
ClientSampleId :
PB144792BS

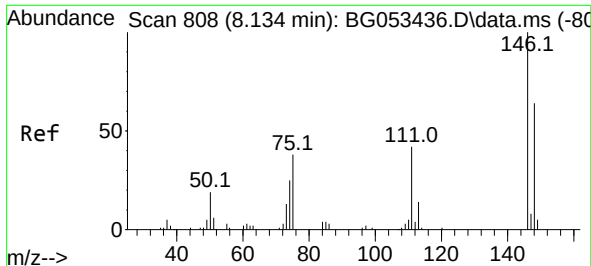
Tgt Ion: 93 Resp: 59293
Ion Ratio Lower Upper
93 100
63 87.3 63.6 103.6
95 32.3 10.1 50.1



#12
1,3-Dichlorobenzene
Concen: 39.148 ng
RT: 7.970 min Scan# 780
Delta R.T. -0.008 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

Tgt Ion: 146 Resp: 61160
Ion Ratio Lower Upper
146 100
148 64.7 46.1 69.1
75 42.5 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 40.625 ng

RT: 8.116 min Scan# 80

Delta R.T. -0.008 min

Lab File: BG053582.D

Acq: 17 May 2022 13:45

Instrument :

BNA_G

ClientSampleId :

PB144792BS

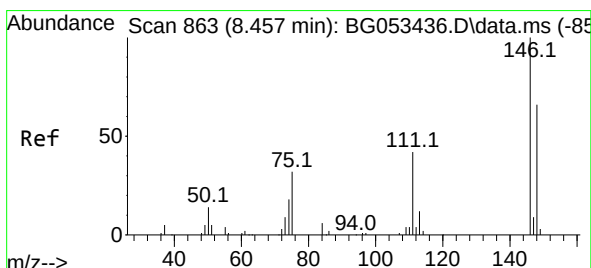
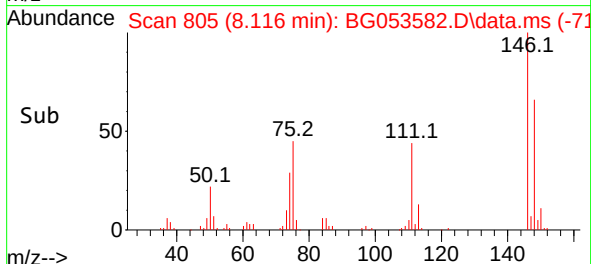
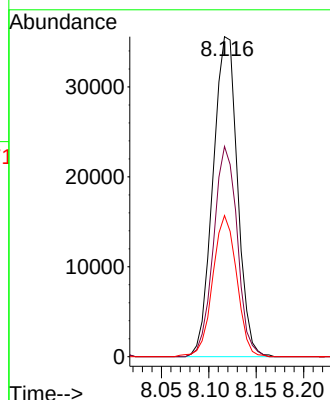
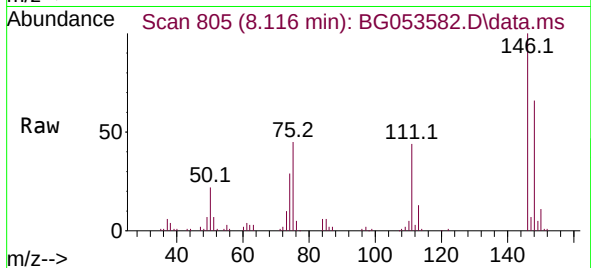
Tgt Ion:146 Resp: 64047

Ion Ratio Lower Upper

146 100

148 65.7 51.5 77.3

111 44.1 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 41.315 ng

RT: 8.440 min Scan# 860

Delta R.T. -0.002 min

Lab File: BG053582.D

Acq: 17 May 2022 13:45

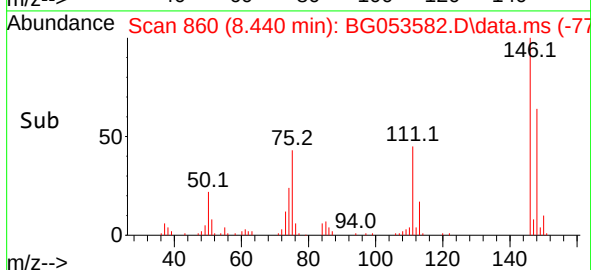
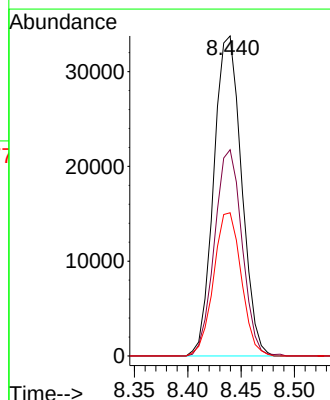
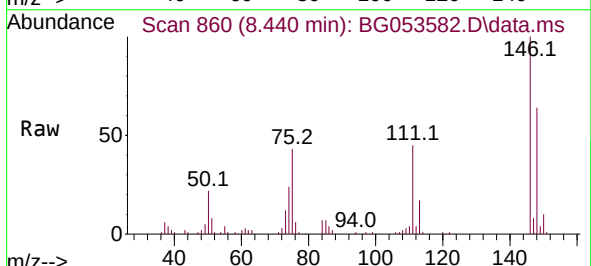
Tgt Ion:146 Resp: 61164

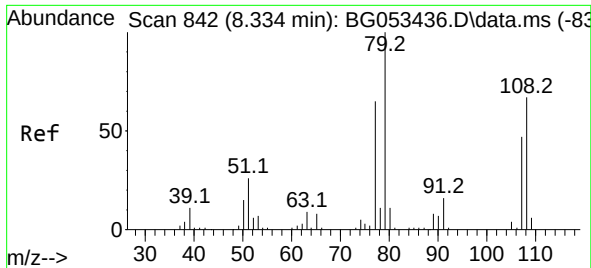
Ion Ratio Lower Upper

146 100

148 64.4 52.6 78.8

111 44.8 34.5 51.7

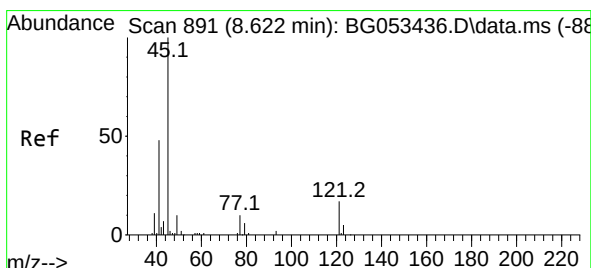
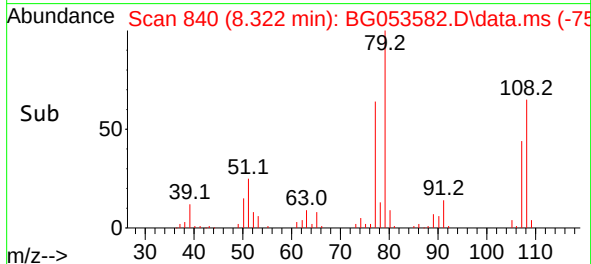
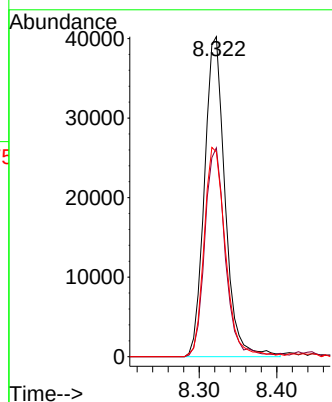
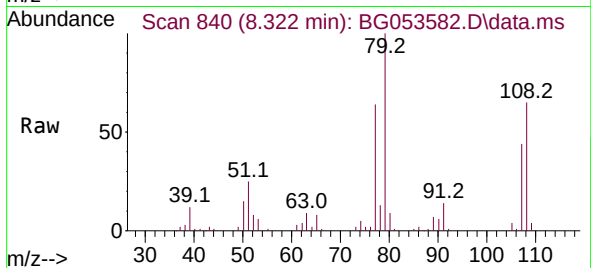




#15
Benzyl Alcohol
Concen: 46.104 ng
RT: 8.322 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

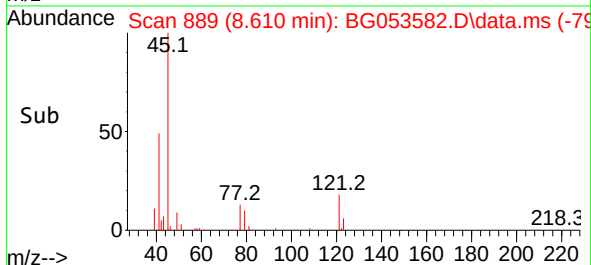
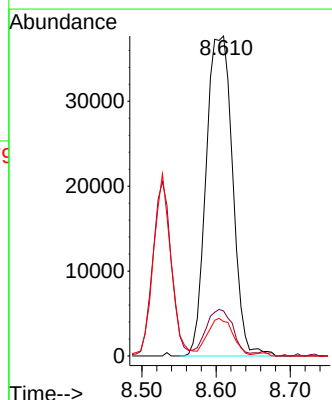
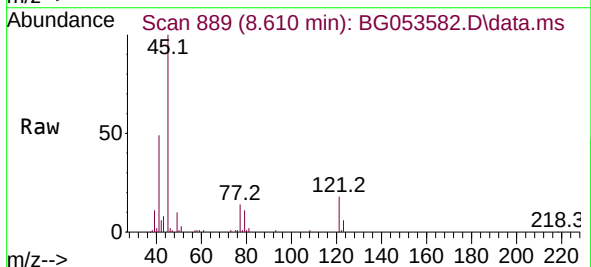
Instrument :
BNA_G
ClientSampleId :
PB144792BS

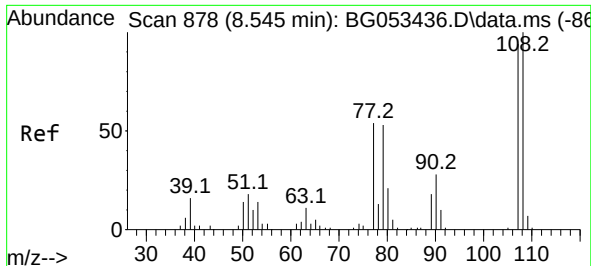
Tgt Ion: 79	Resp: 74104
Ion Ratio	Lower Upper
79 100	
108 65.3	53.7 80.5
77 64.0	52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.889 ng
RT: 8.610 min Scan# 889
Delta R.T. -0.002 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

Tgt Ion: 45	Resp: 93324
Ion Ratio	Lower Upper
45 100	
77 14.1	0.0 32.7
79 10.7	0.0 29.7

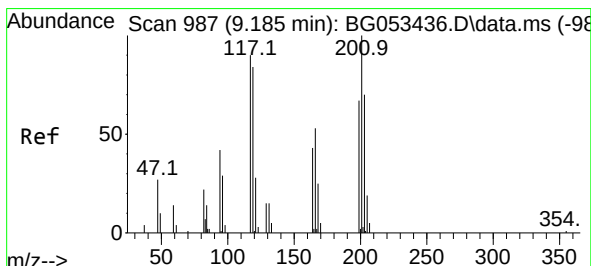
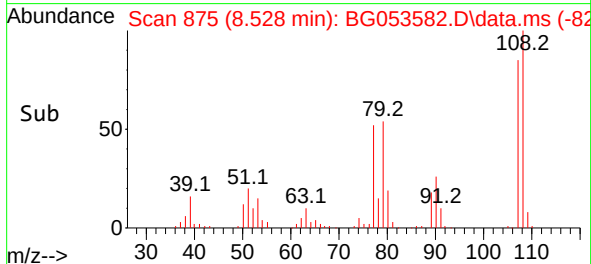
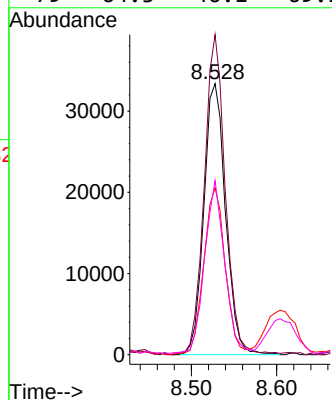
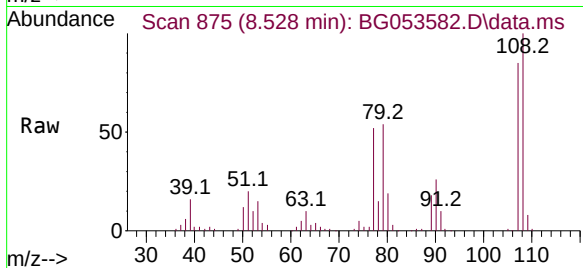




#17
2-Methylphenol
Concen: 46.430 ng
RT: 8.528 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

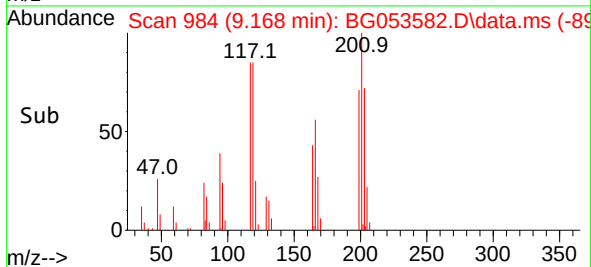
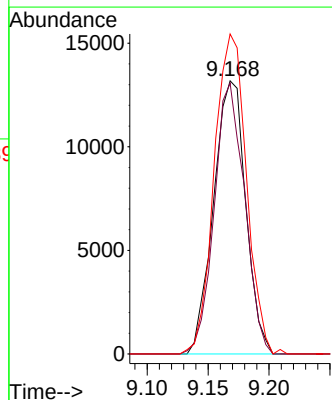
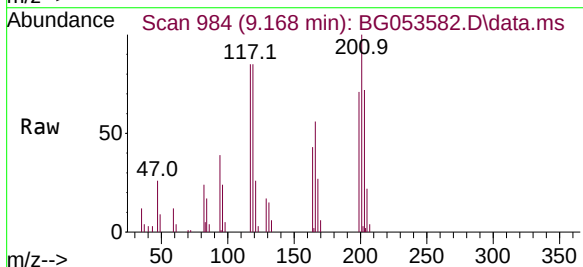
Instrument :
BNA_G
ClientSampleId :
PB144792BS

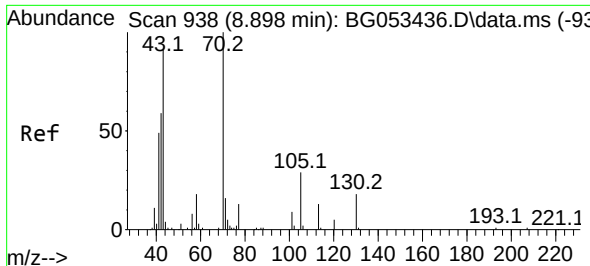
Tgt Ion:	107	Resp:	59007
Ion	Ratio	Lower	Upper
107	100		
108	118.1	85.4	128.0
77	61.6	46.2	69.2
79	64.3	46.1	69.1



#18
Hexachloroethane
Concen: 40.405 ng
RT: 9.168 min Scan# 984
Delta R.T. -0.008 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

Tgt Ion:	117	Resp:	24190
Ion	Ratio	Lower	Upper
117	100		
119	99.1	75.0	112.6
201	117.2	89.0	133.6

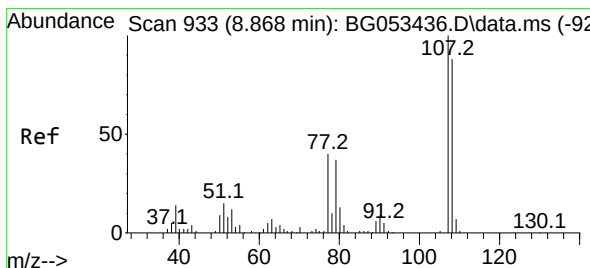
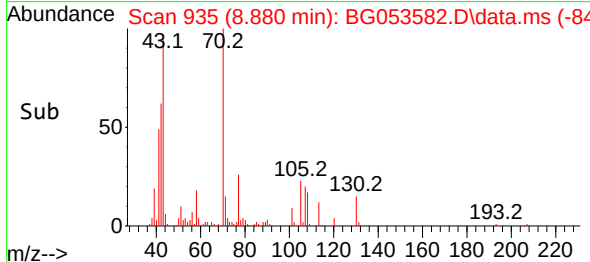
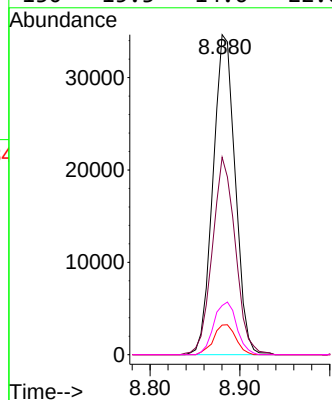
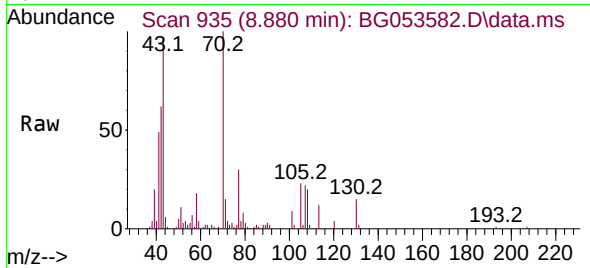




#19
n-Nitroso-di-n-propylamine
Concen: 43.184 ng
RT: 8.880 min Scan# 91
Delta R.T. -0.008 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

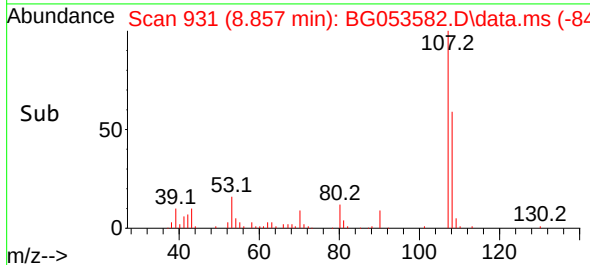
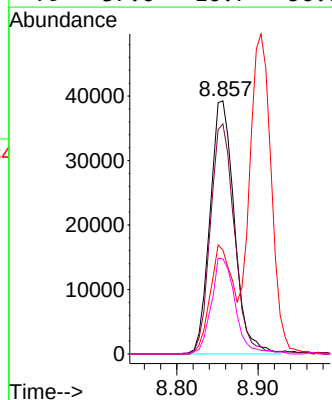
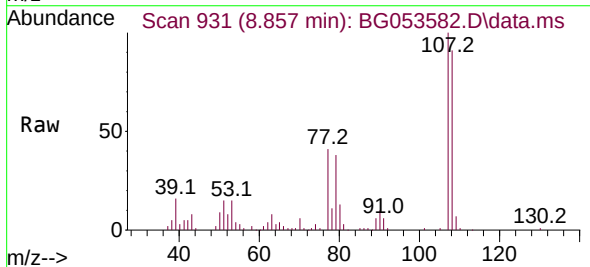
Instrument :
BNA_G
ClientSampleId :
PB144792BS

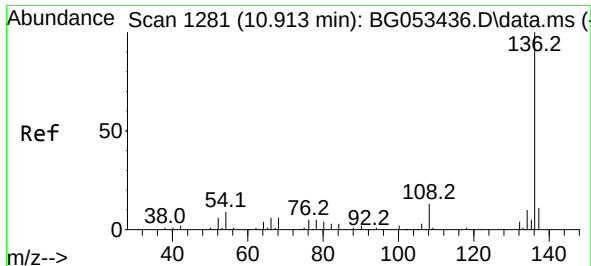
Tgt Ion: 70 Resp: 59568
Ion Ratio Lower Upper
70 100
42 61.7 47.3 70.9
101 9.2 7.0 10.4
130 15.3 14.6 22.0



#20
3+4-Methylphenols
Concen: 45.378 ng
RT: 8.857 min Scan# 931
Delta R.T. -0.002 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

Tgt Ion: 107 Resp: 81448
Ion Ratio Lower Upper
107 100
108 90.9 67.5 107.5
77 41.0 20.3 60.3
79 37.6 16.7 56.7





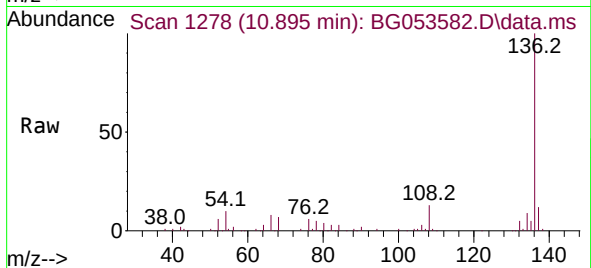
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.895 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

Instrument :

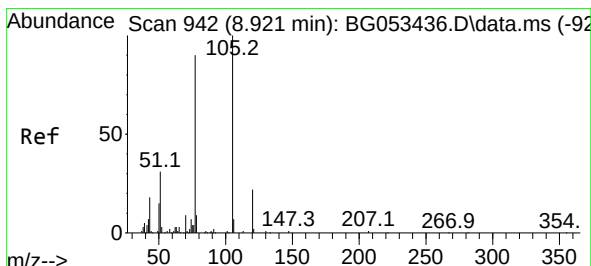
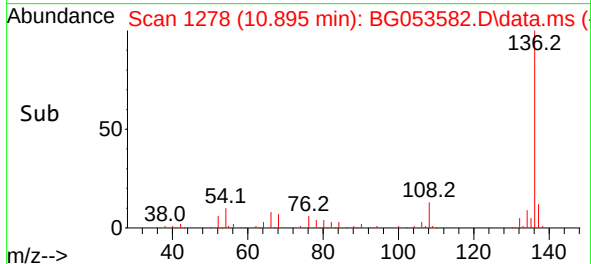
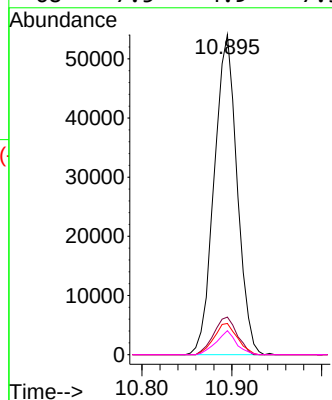
BNA_G

ClientSampleId :

PB144792BS

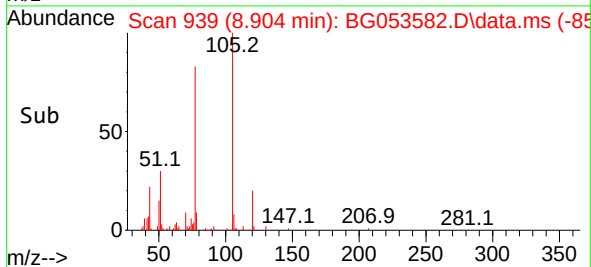
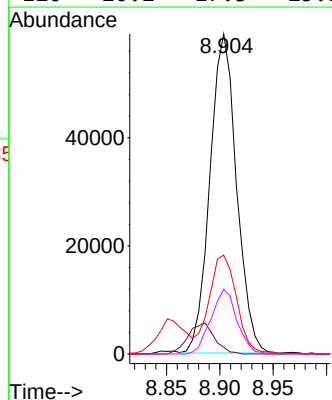
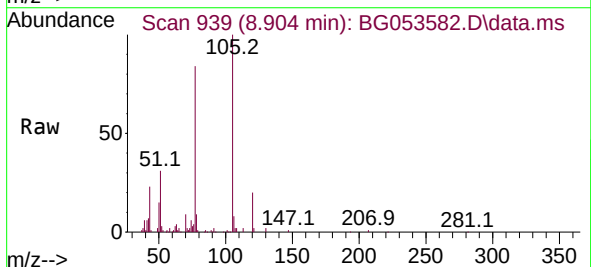


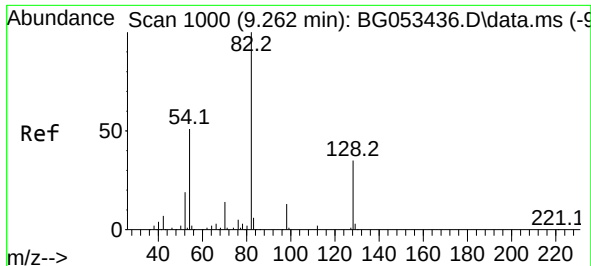
Tgt Ion:136 Resp: 95671
Ion Ratio Lower Upper
136 100
137 11.8 8.5 12.7
54 9.8 7.4 11.2
68 7.5 4.9 7.3#



#22
Acetophenone
Concen: 39.113 ng
RT: 8.904 min Scan# 939
Delta R.T. -0.008 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

Tgt Ion:105 Resp: 102413
Ion Ratio Lower Upper
105 100
71 2.1 1.1 1.7#
51 30.9 25.4 38.0
120 20.2 17.3 25.9





#23

Nitrobenzene-d5

Concen: 78.910 ng

RT: 9.244 min Scan# 91

Delta R.T. -0.008 min

Lab File: BG053582.D

Acq: 17 May 2022 13:45

Instrument :

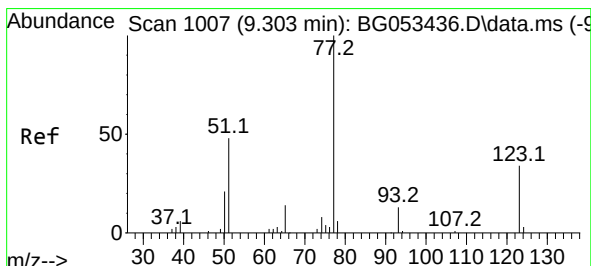
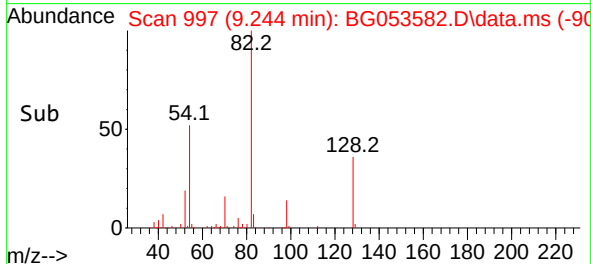
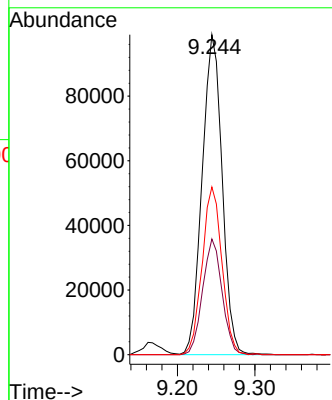
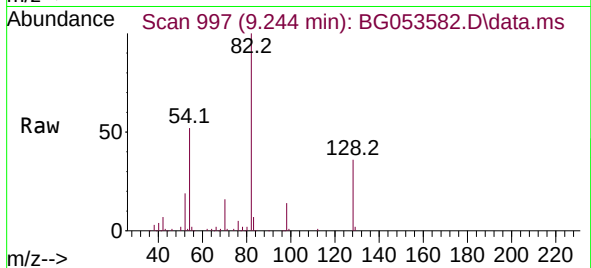
BNA_G

ClientSampleId :

PB144792BS

Tgt Ion: 82 Resp: 177347

Ion	Ratio	Lower	Upper
82	100		
128	36.2	27.9	41.9
54	52.4	41.2	61.8



#24

Nitrobenzene

Concen: 41.932 ng

RT: 9.291 min Scan# 1005

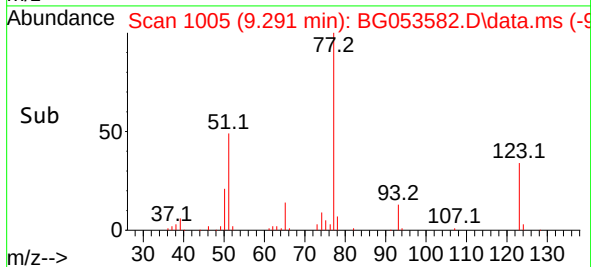
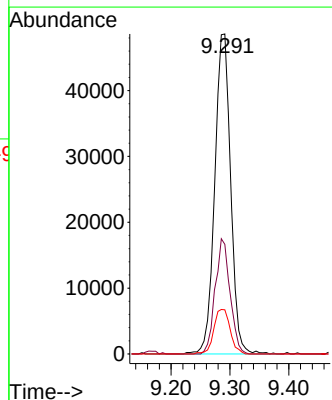
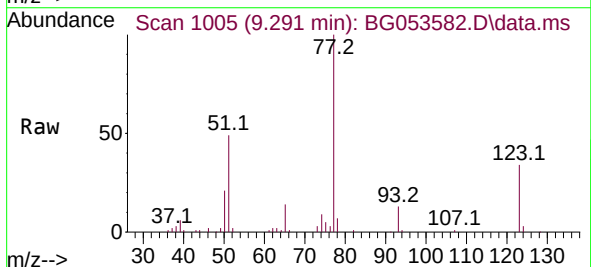
Delta R.T. -0.002 min

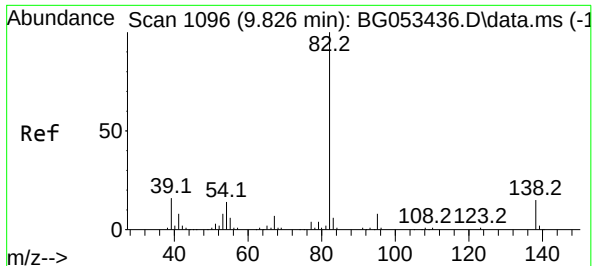
Lab File: BG053582.D

Acq: 17 May 2022 13:45

Tgt Ion: 77 Resp: 91214

Ion	Ratio	Lower	Upper
77	100		
123	34.3	27.4	41.0
65	13.8	11.4	17.0

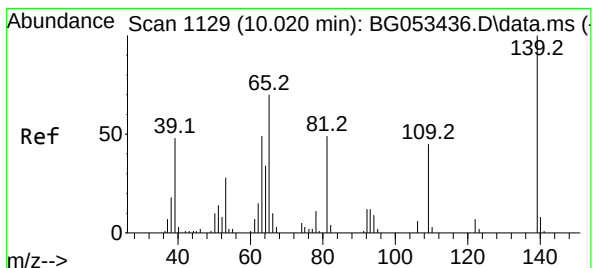
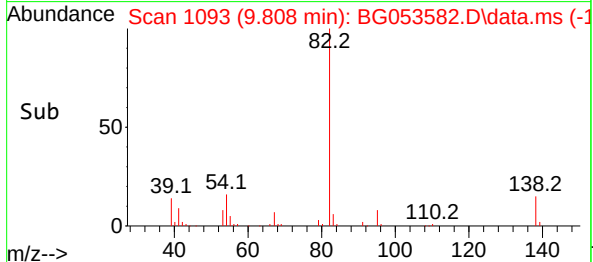
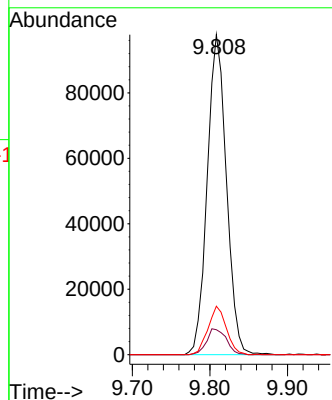
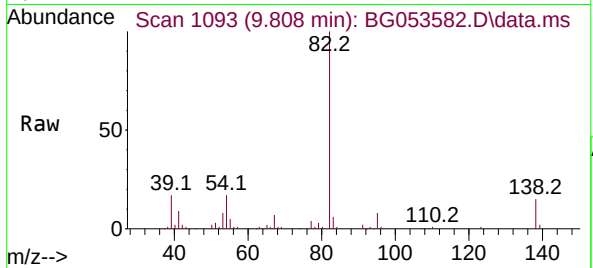




#25
Isophorone
Concen: 44.452 ng
RT: 9.808 min Scan# 1109
Delta R.T. -0.008 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

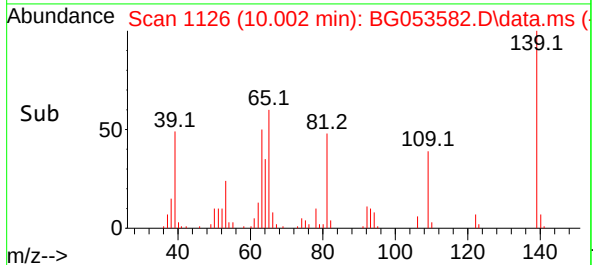
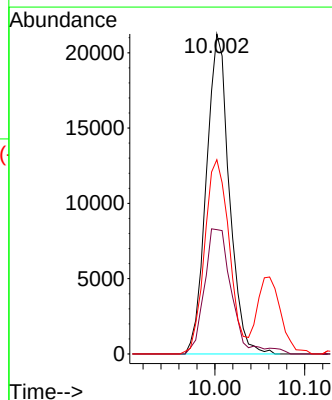
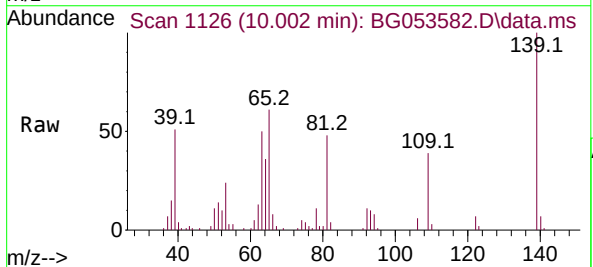
Instrument :
BNA_G
ClientSampleId :
PB144792BS

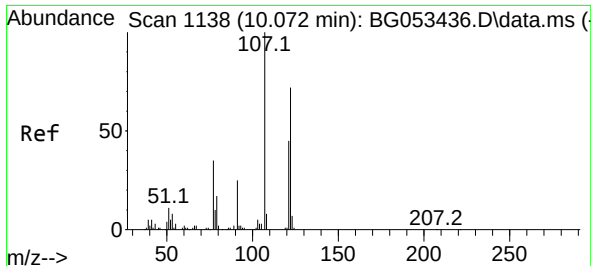
Tgt Ion: 82 Resp: 168134
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.4
138 15.2 11.6 17.4



#26
2-Nitrophenol
Concen: 42.774 ng
RT: 10.002 min Scan# 1126
Delta R.T. -0.008 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

Tgt Ion:139 Resp: 37685
Ion Ratio Lower Upper
139 100
109 38.9 36.1 54.1
65 60.7 55.8 83.6





#27

2,4-Dimethylphenol

Concen: 49.584 ng

RT: 10.061 min Scan# 1136

Delta R.T. -0.002 min

Lab File: BG053582.D

Acq: 17 May 2022 13:45

Instrument :

BNA_G

ClientSampleId :

PB144792BS

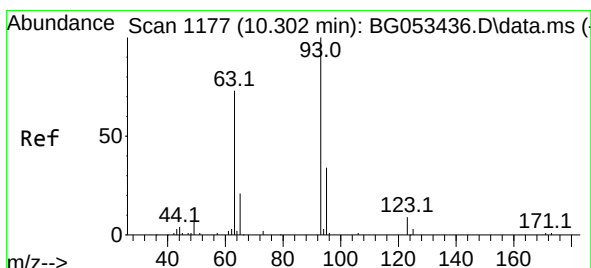
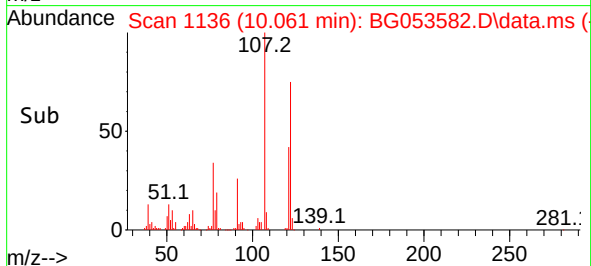
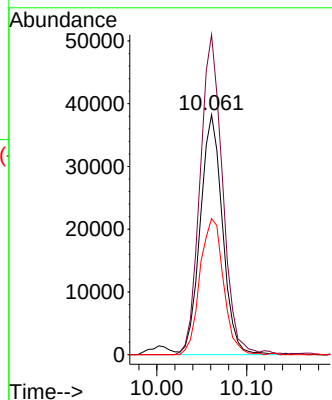
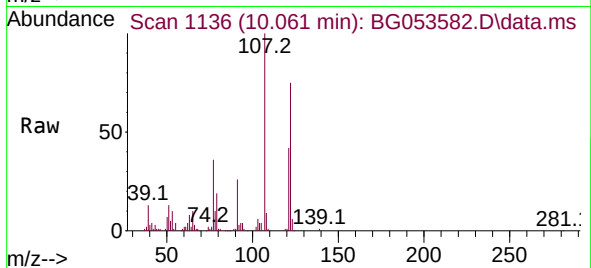
Tgt Ion:122 Resp: 65743

Ion Ratio Lower Upper

122 100

107 133.4 109.4 164.0

121 56.7 48.7 73.1



#28

bis(2-Chloroethoxy)methane

Concen: 39.744 ng

RT: 10.290 min Scan# 1175

Delta R.T. -0.002 min

Lab File: BG053582.D

Acq: 17 May 2022 13:45

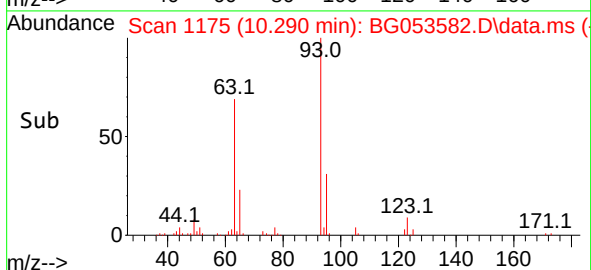
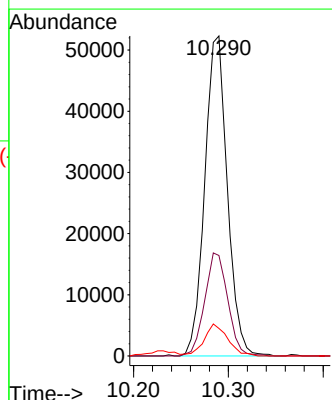
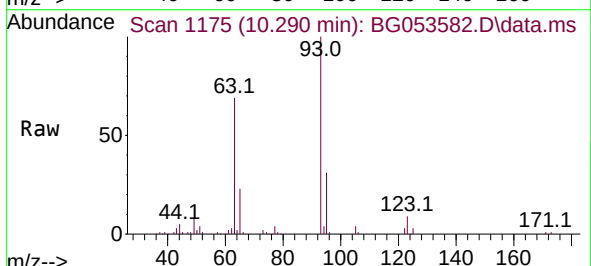
Tgt Ion: 93 Resp: 86458

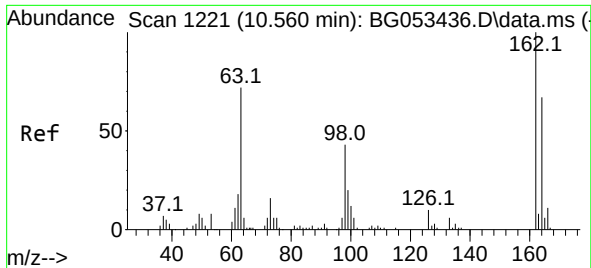
Ion Ratio Lower Upper

93 100

95 31.4 26.9 40.3

123 8.6 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 45.051 ng

RT: 10.543 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG053582.D

Acq: 17 May 2022 13:45

Instrument :

BNA_G

ClientSampleId :

PB144792BS

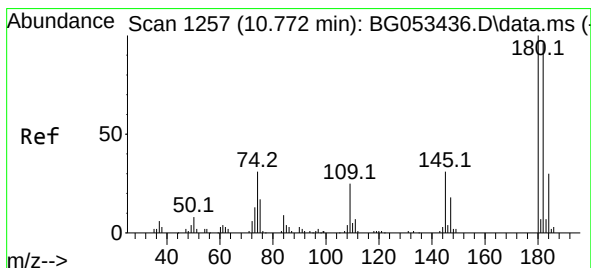
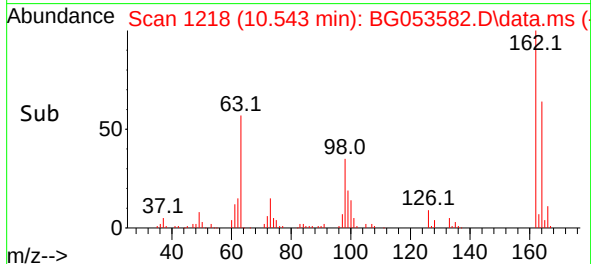
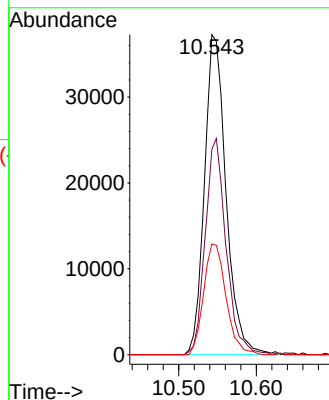
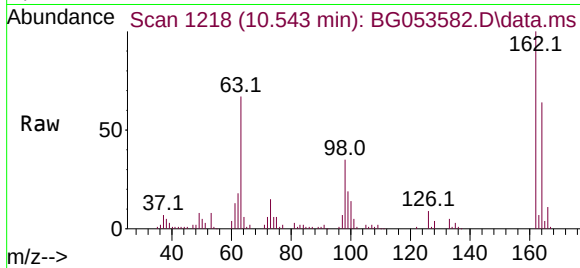
Tgt Ion:162 Resp: 72091

Ion Ratio Lower Upper

162 100

164 64.2 46.6 86.6

98 34.6 22.8 62.8



#30

1,2,4-Trichlorobenzene

Concen: 40.371 ng

RT: 10.754 min Scan# 1254

Delta R.T. -0.008 min

Lab File: BG053582.D

Acq: 17 May 2022 13:45

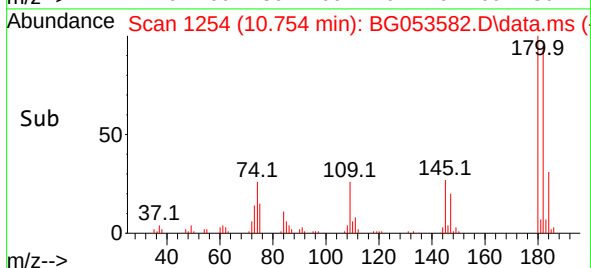
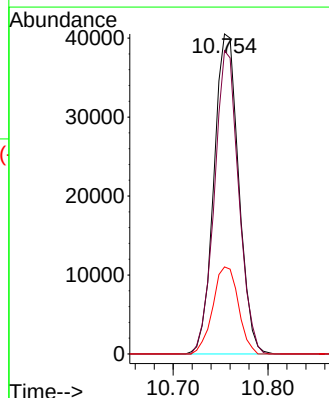
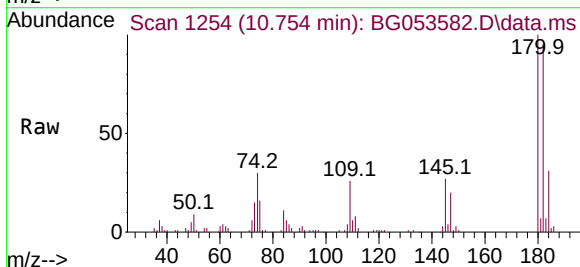
Tgt Ion:180 Resp: 73400

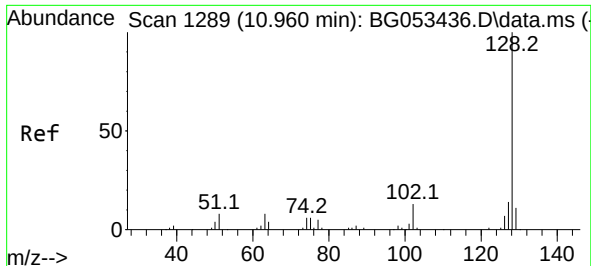
Ion Ratio Lower Upper

180 100

182 94.7 76.6 115.0

145 27.2 25.0 37.4

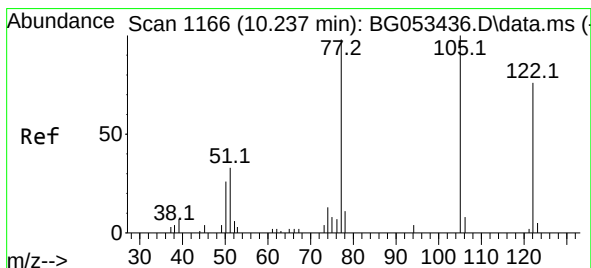
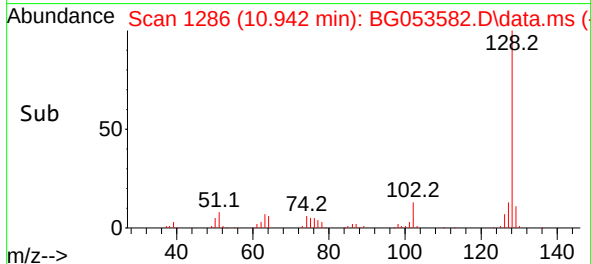
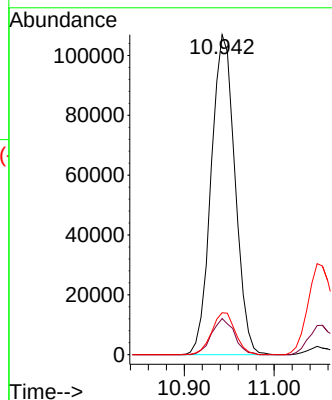
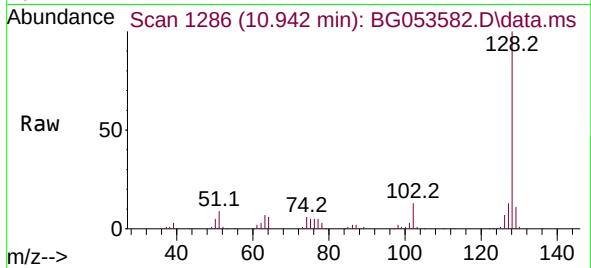




#31
Naphthalene
Concen: 40.444 ng
RT: 10.942 min Scan# 1165
Delta R.T. -0.008 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

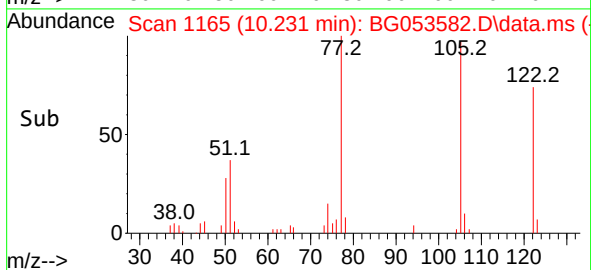
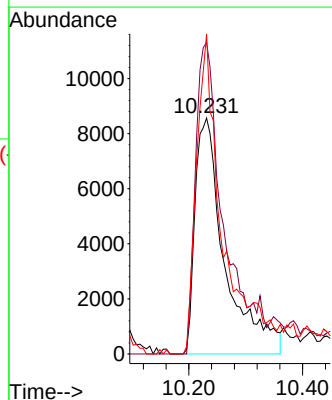
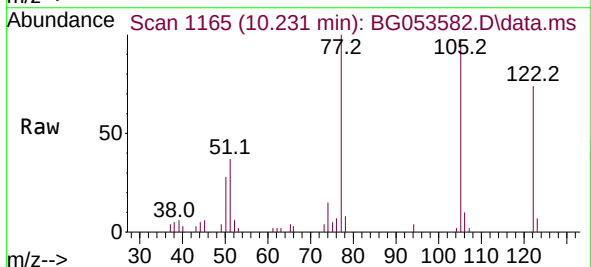
Instrument :
BNA_G
ClientSampleId :
PB144792BS

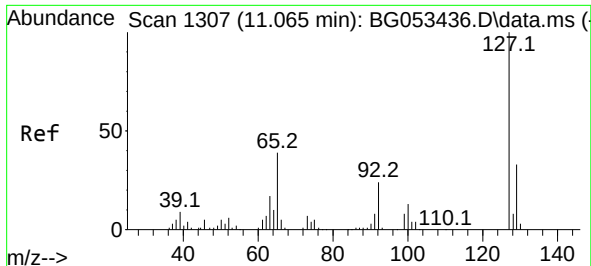
Tgt Ion:128 Resp: 196820
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.1 11.1 16.7



#32
Benzoic acid
Concen: 39.402 ng
RT: 10.231 min Scan# 1165
Delta R.T. -0.008 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

Tgt Ion:122 Resp: 31126
Ion Ratio Lower Upper
122 100
105 132.1 111.8 151.8
77 135.7 109.4 149.4

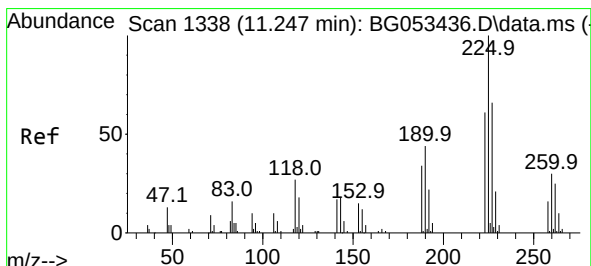
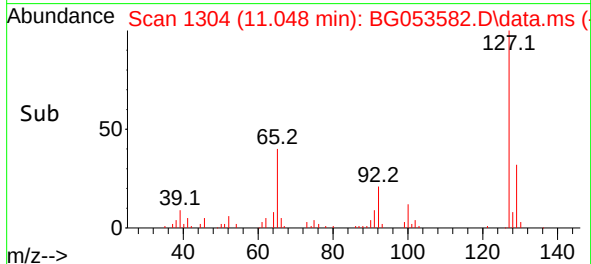
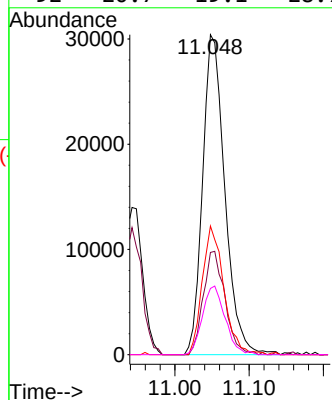
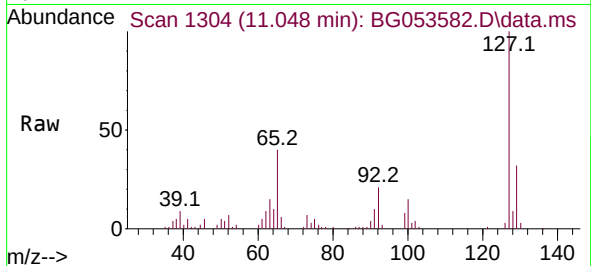




#33
4-Chloroaniline
Concen: 31.105 ng
RT: 11.048 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

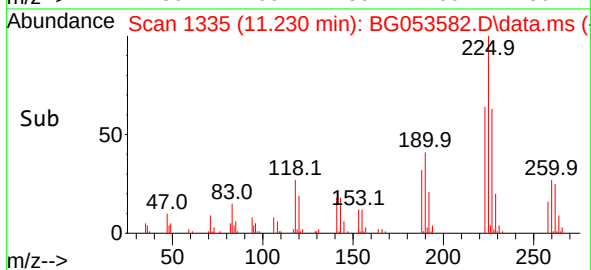
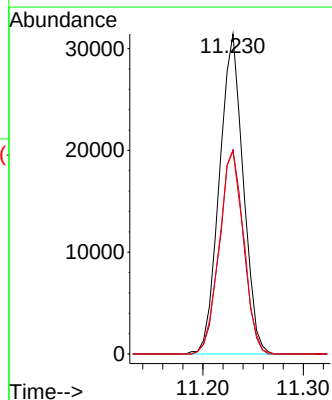
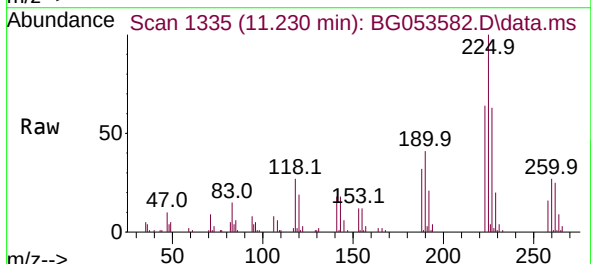
Instrument :
BNA_G
ClientSampleId :
PB144792BS

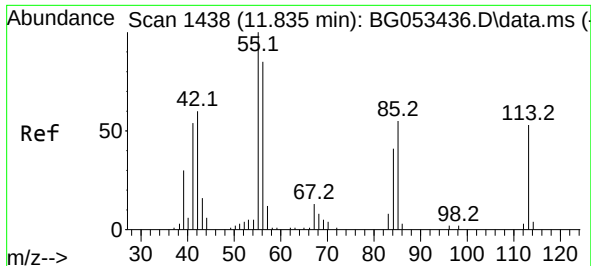
Tgt Ion:127	Resp: 63394
Ion Ratio	Lower Upper
127 100	
129 31.9	26.3 39.5
65 40.2	31.1 46.7
92 20.7	19.1 28.7



#34
Hexachlorobutadiene
Concen: 38.369 ng
RT: 11.230 min Scan# 1335
Delta R.T. -0.008 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

Tgt	Ion:225	Resp:	51728
Ion	Ratio	Lower	Upper
225	100		
223	63.8	48.9	73.3
227	63.3	52.8	79.2

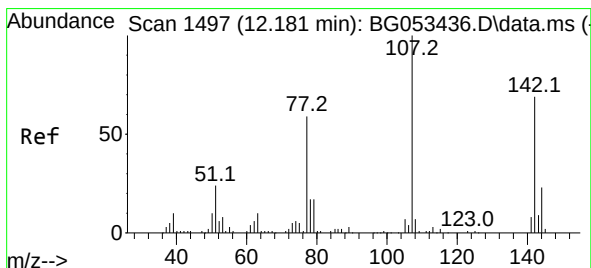
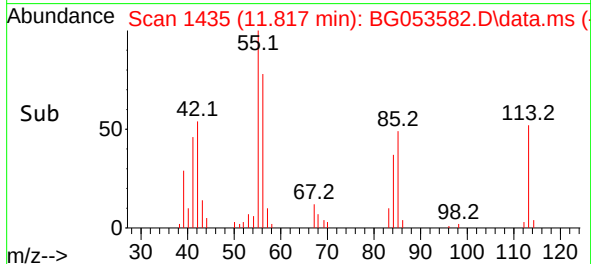
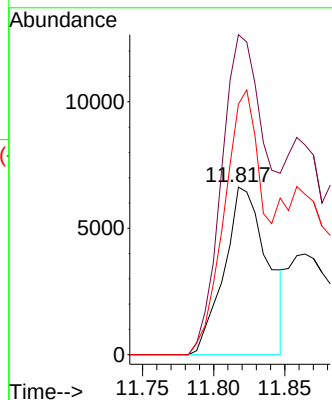
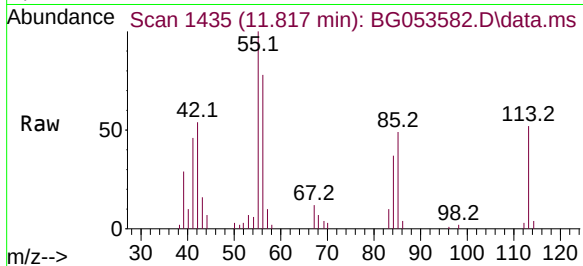




#35
Caprolactam
Concen: 24.077 ng
RT: 11.817 min Scan# 1435
Delta R.T. -0.014 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

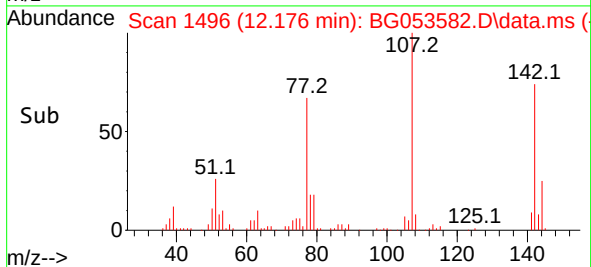
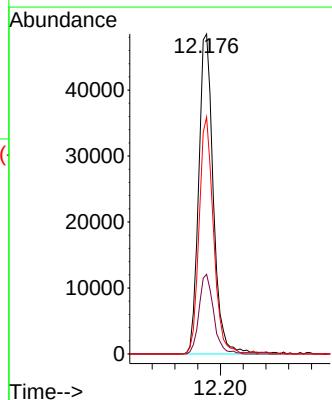
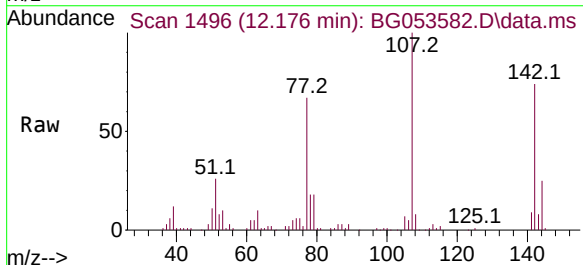
Instrument :
BNA_G
ClientSampleId :
PB144792BS

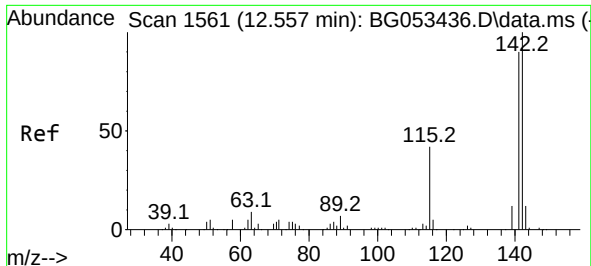
Tgt Ion:113 Resp: 14001
Ion Ratio Lower Upper
113 100
55 191.1 169.8 209.8
56 149.6 141.2 181.2



#36
4-Chloro-3-methylphenol
Concen: 45.414 ng
RT: 12.176 min Scan# 1496
Delta R.T. -0.002 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

Tgt Ion:107 Resp: 86929
Ion Ratio Lower Upper
107 100
144 24.9 18.5 27.7
142 74.1 55.0 82.4





#37

2-Methylnaphthalene

Concen: 41.072 ng

RT: 12.546 min Scan# 1559

Delta R.T. -0.002 min

Lab File: BG053582.D

Acq: 17 May 2022 13:45

Instrument :

BNA_G

ClientSampleId :

PB144792BS

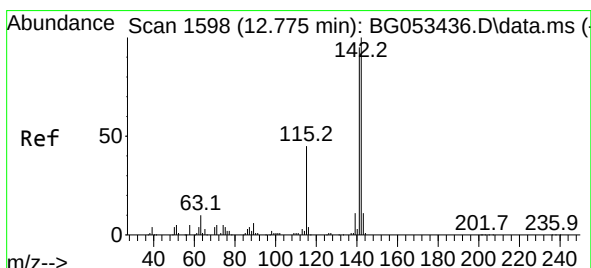
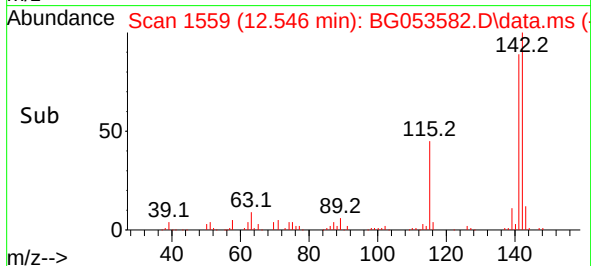
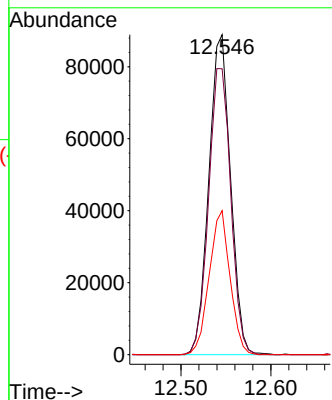
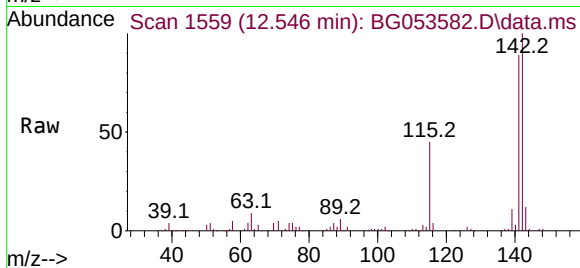
Tgt Ion:142 Resp: 149165

Ion Ratio Lower Upper

142 100

141 89.3 72.3 108.5

115 45.0 33.7 50.5



#38

1-Methylnaphthalene

Concen: 40.928 ng

RT: 12.763 min Scan# 1596

Delta R.T. -0.002 min

Lab File: BG053582.D

Acq: 17 May 2022 13:45

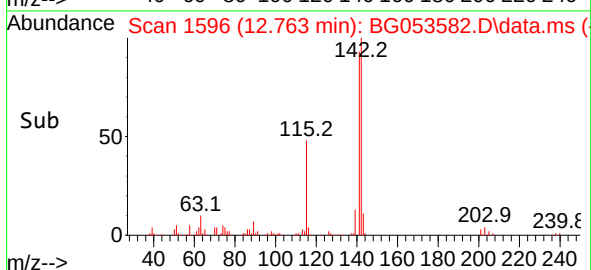
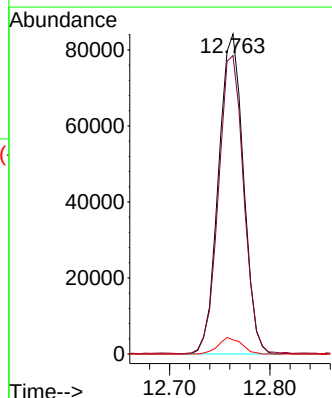
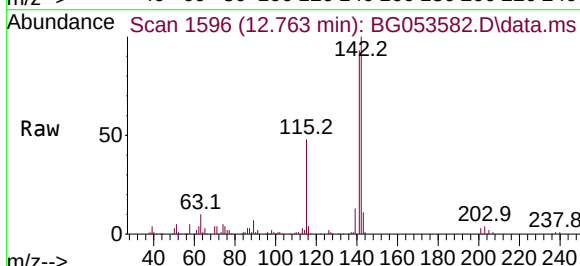
Tgt Ion:142 Resp: 145023

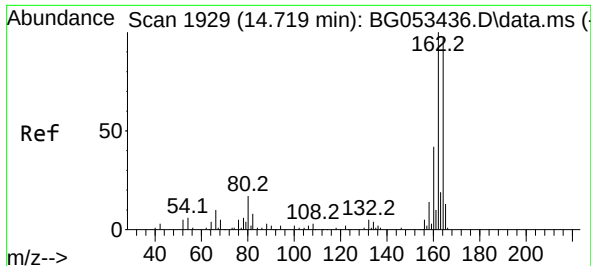
Ion Ratio Lower Upper

142 100

141 93.2 76.4 114.6

116 4.4 3.3 4.9

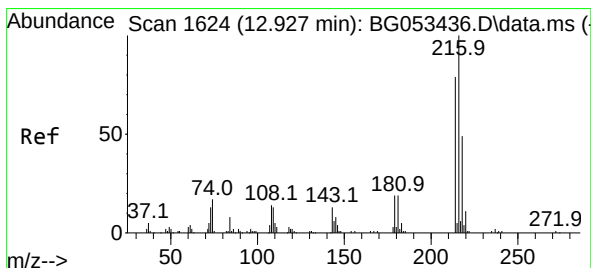
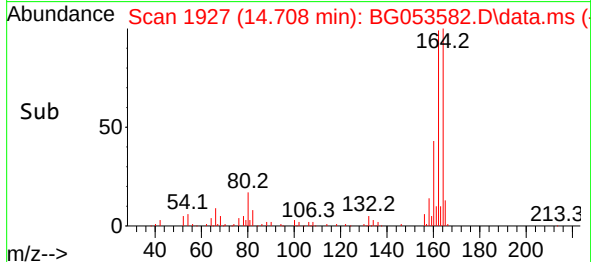
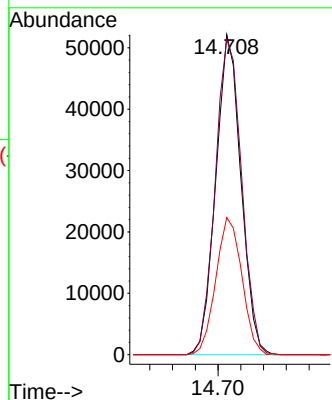
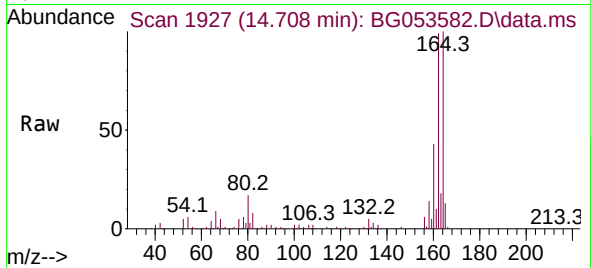




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.708 min Scan# 1929
Delta R.T. -0.008 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

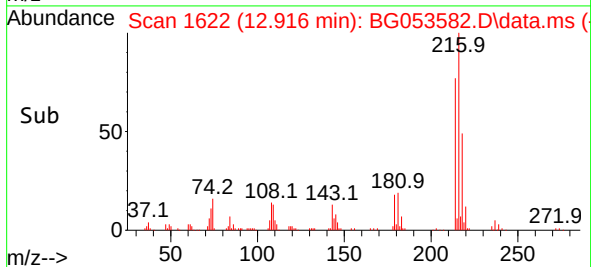
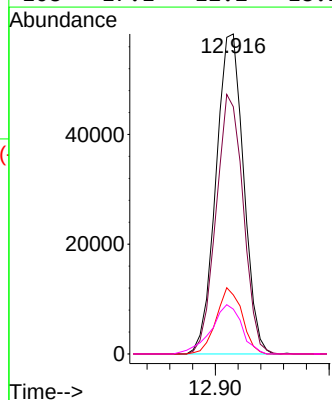
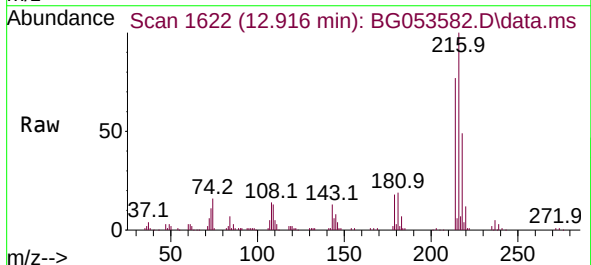
Instrument :
BNA_G
ClientSampleId :
PB144792BS

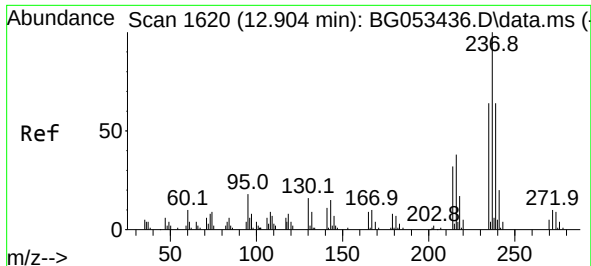
Tgt Ion:164 Resp: 80035
Ion Ratio Lower Upper
164 100
162 98.6 82.3 123.5
160 42.9 34.2 51.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.997 ng
RT: 12.916 min Scan# 1622
Delta R.T. -0.002 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

Tgt Ion:216 Resp: 98381
Ion Ratio Lower Upper
216 100
214 79.7 62.9 94.3
179 19.2 16.1 24.1
108 17.1 12.2 18.2

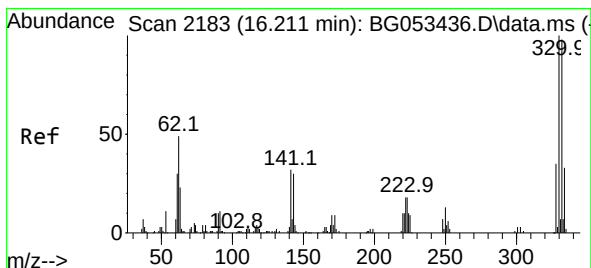
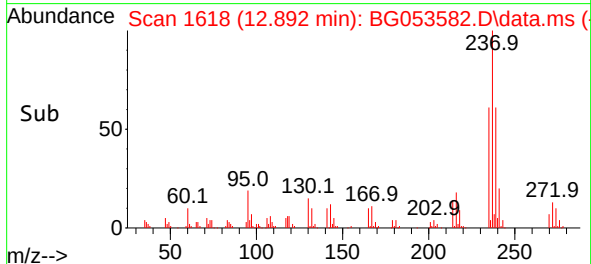
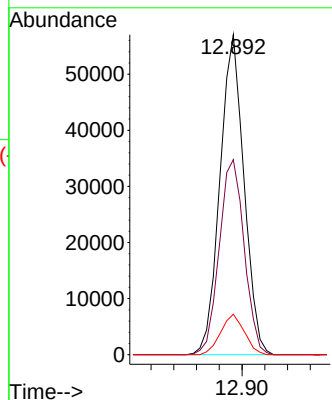
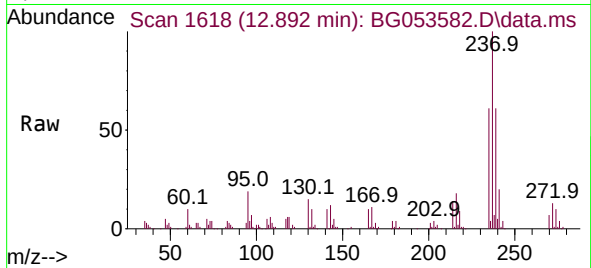




#41
Hexachlorocyclopentadiene
Concen: 81.325 ng
RT: 12.892 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

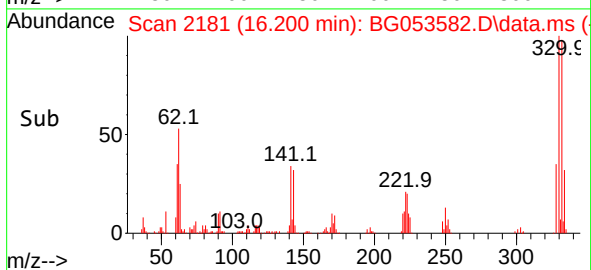
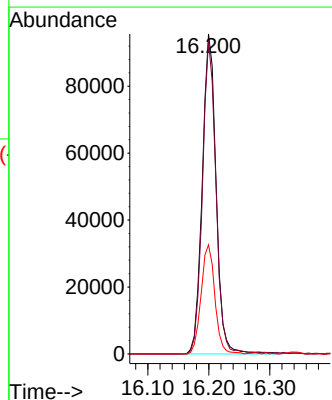
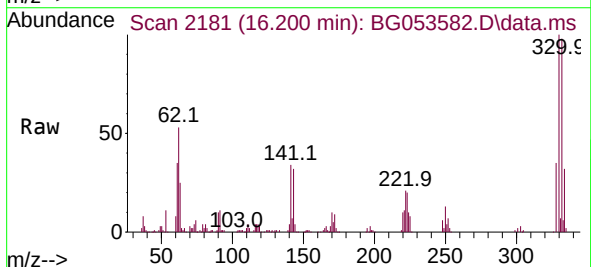
Instrument :
BNA_G
ClientSampleId :
PB144792BS

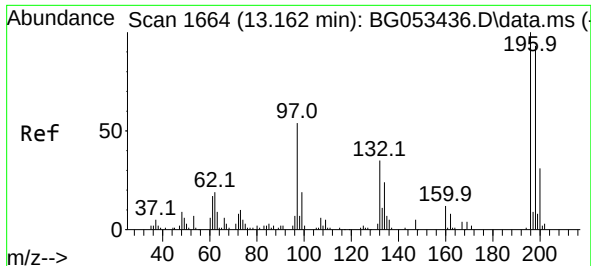
Tgt Ion:237 Resp: 83739
Ion Ratio Lower Upper
237 100
235 61.0 43.5 83.5
272 12.6 0.0 30.1



#42
2,4,6-Tribromophenol
Concen: 128.297 ng
RT: 16.200 min Scan# 2181
Delta R.T. -0.002 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

Tgt Ion:330 Resp: 151445
Ion Ratio Lower Upper
330 100
332 95.1 76.0 114.0
141 33.8 27.1 40.7

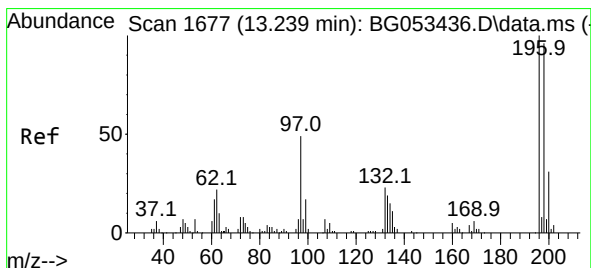
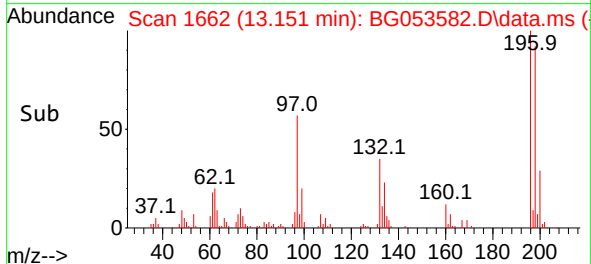
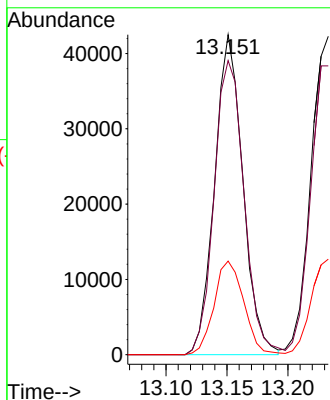
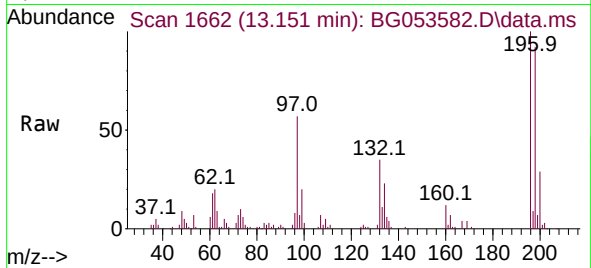




#43
2,4,6-Trichlorophenol
Concen: 41.618 ng
RT: 13.151 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

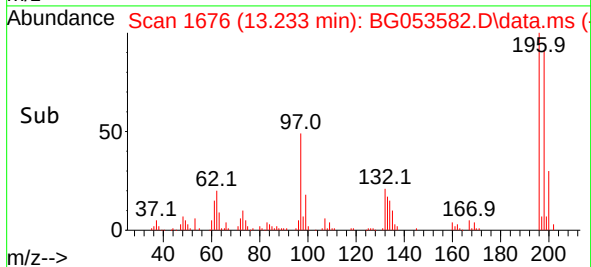
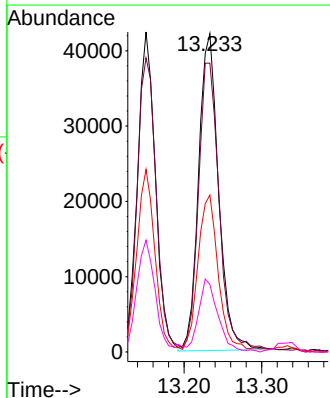
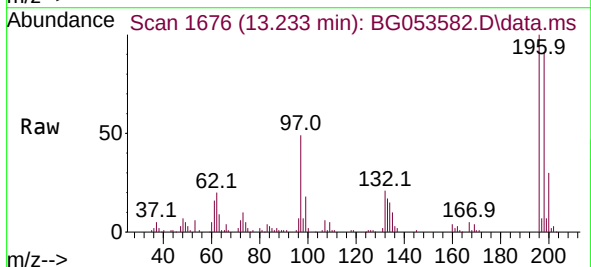
Instrument :
BNA_G
ClientSampleId :
PB144792BS

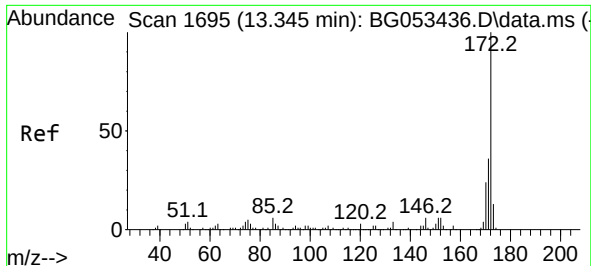
Tgt Ion:196 Resp: 68535
Ion Ratio Lower Upper
196 100
198 91.9 74.1 111.1
200 29.3 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 42.994 ng
RT: 13.233 min Scan# 1676
Delta R.T. -0.002 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

Tgt Ion:196 Resp: 75353
Ion Ratio Lower Upper
196 100
198 90.7 76.8 115.2
97 49.3 39.8 59.6
132 21.2 18.4 27.6

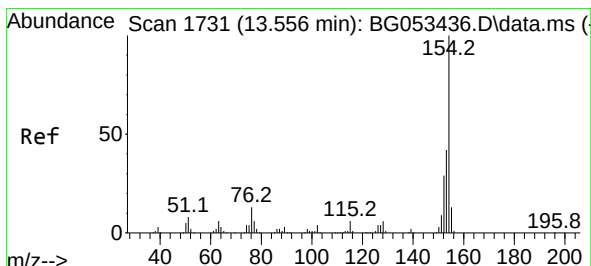
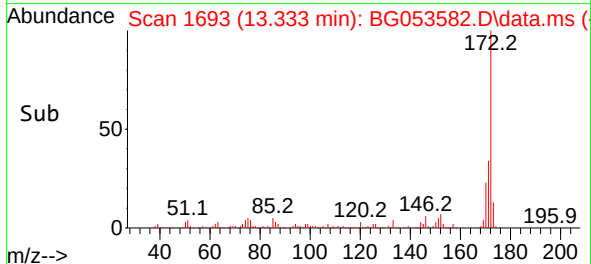
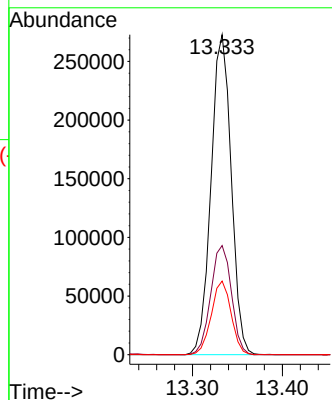
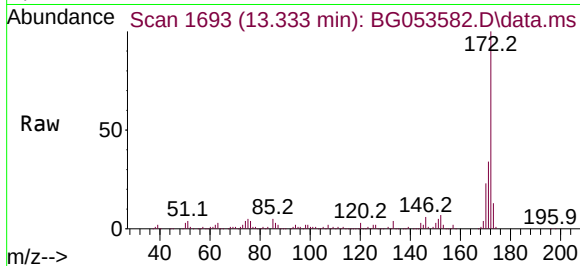




#45
2-Fluorobiphenyl
Concen: 77.637 ng
RT: 13.333 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

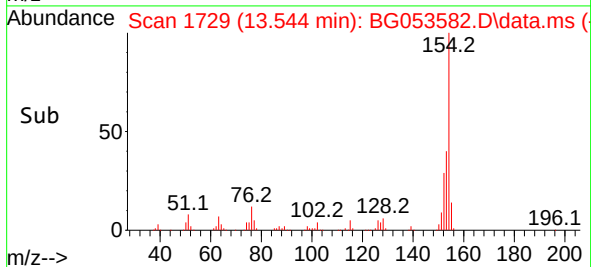
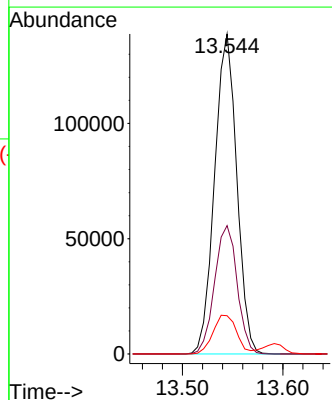
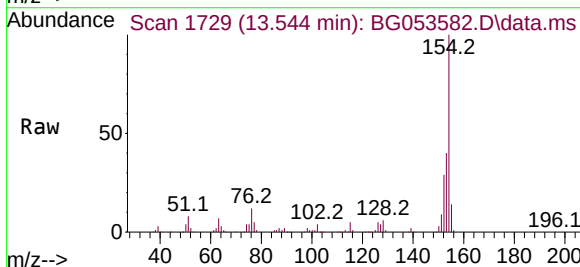
Instrument :
BNA_G
ClientSampleId :
PB144792BS

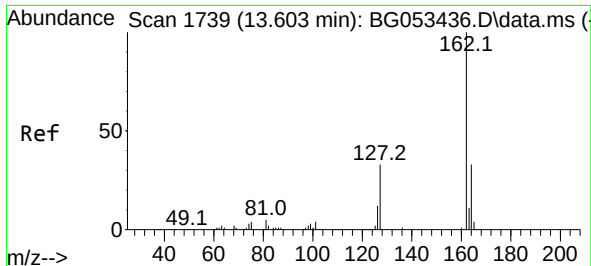
Tgt Ion:172 Resp: 425220
Ion Ratio Lower Upper
172 100
171 34.1 28.5 42.7
170 23.0 18.9 28.3



#46
1,1'-Biphenyl
Concen: 39.029 ng
RT: 13.544 min Scan# 1729
Delta R.T. -0.002 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

Tgt Ion:154 Resp: 212921
Ion Ratio Lower Upper
154 100
153 40.1 21.6 61.6
76 12.0 0.0 32.6

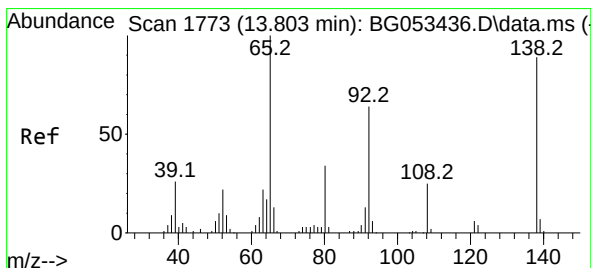
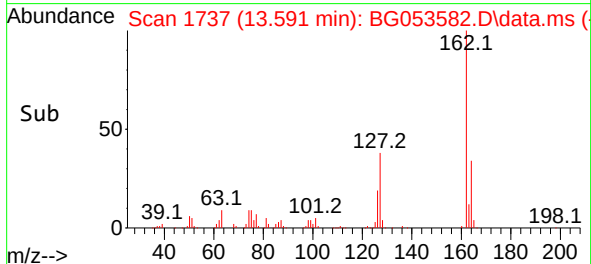
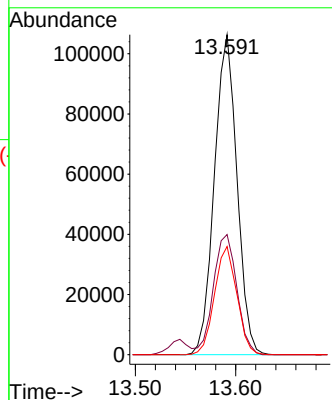
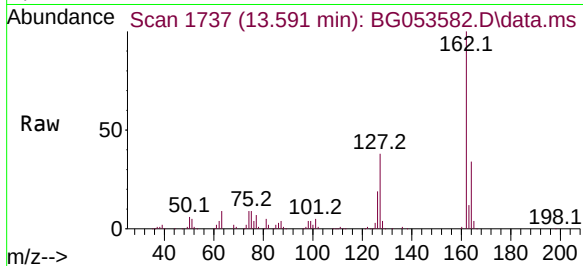




#47
2-Chloronaphthalene
Concen: 38.899 ng
RT: 13.591 min Scan# 1737
Delta R.T. -0.002 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

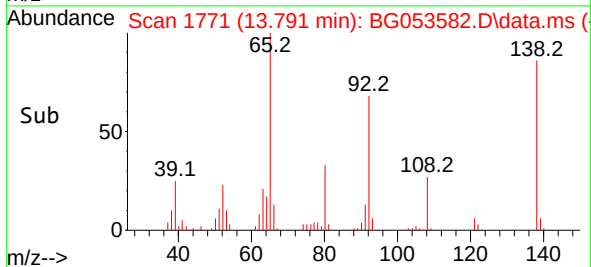
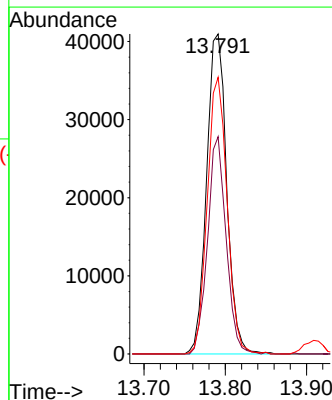
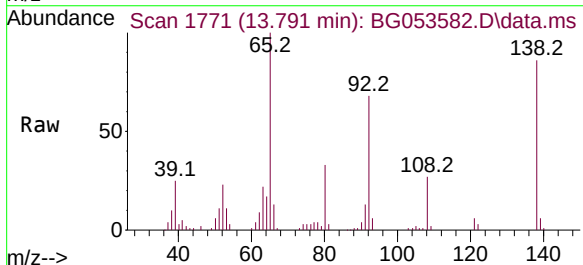
Instrument :
BNA_G
ClientSampleId :
PB144792BS

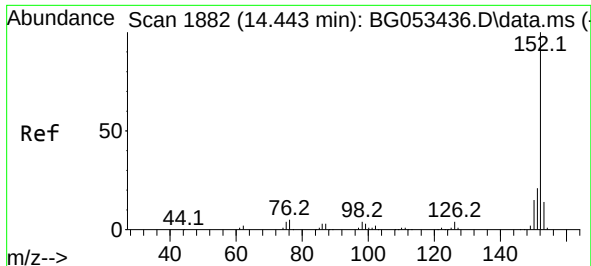
Tgt Ion:162 Resp: 166265
Ion Ratio Lower Upper
162 100
127 37.6 30.6 45.8
164 33.8 26.5 39.7



#48
2-Nitroaniline
Concen: 44.120 ng
RT: 13.791 min Scan# 1771
Delta R.T. -0.002 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

Tgt Ion: 65 Resp: 70268
Ion Ratio Lower Upper
65 100
92 67.9 51.5 77.3
138 86.4 71.3 106.9

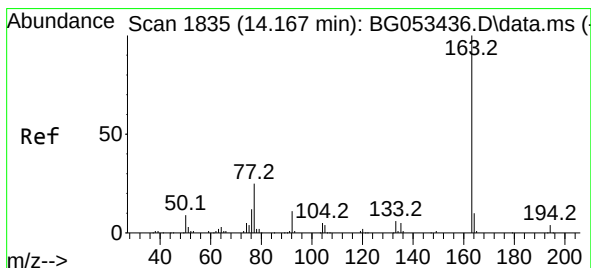
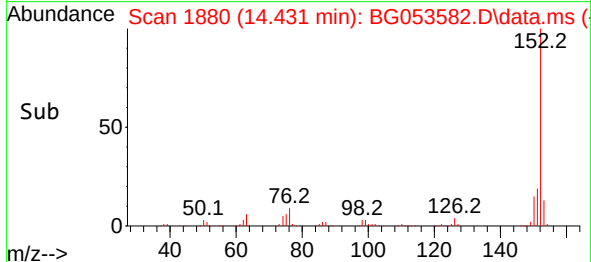
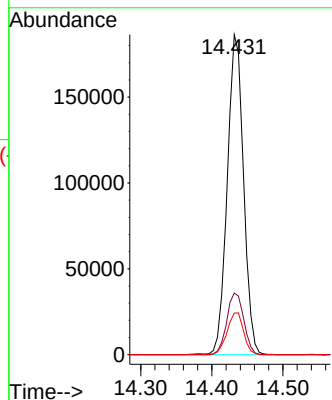
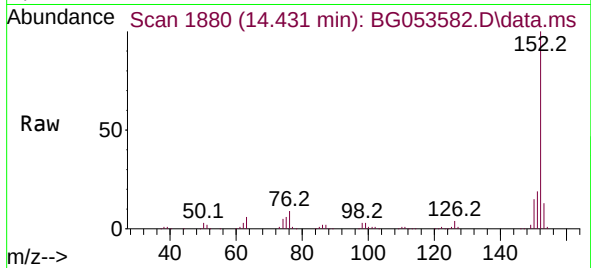




#49
Acenaphthylene
Concen: 43.300 ng
RT: 14.431 min Scan# 1880
Delta R.T. -0.008 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

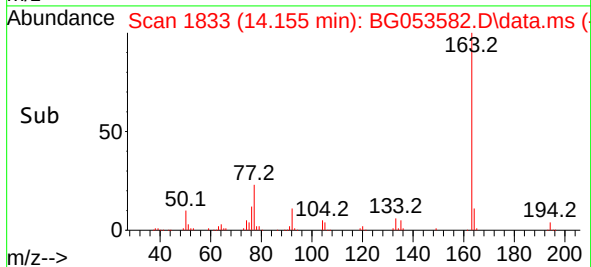
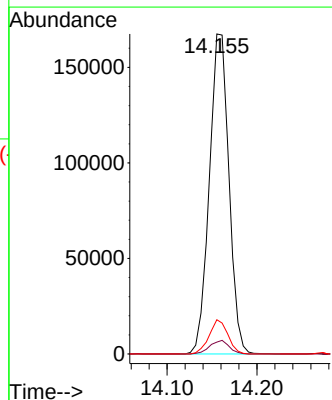
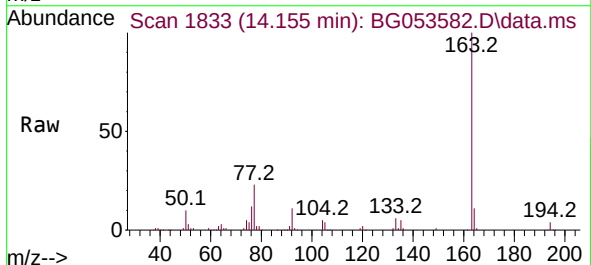
Instrument :
BNA_G
ClientSampleId :
PB144792BS

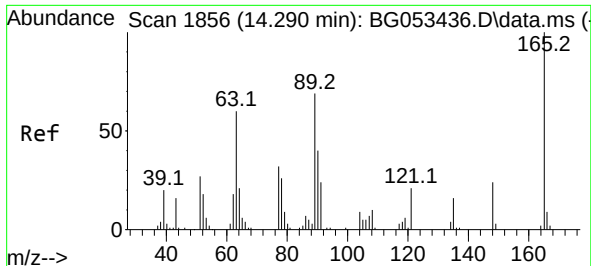
Tgt Ion:152 Resp: 295330
Ion Ratio Lower Upper
152 100
151 19.3 16.4 24.6
153 13.0 10.8 16.2



#50
Dimethylphthalate
Concen: 41.784 ng
RT: 14.155 min Scan# 1833
Delta R.T. -0.008 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

Tgt Ion:163 Resp: 254126
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.7 8.0 12.0

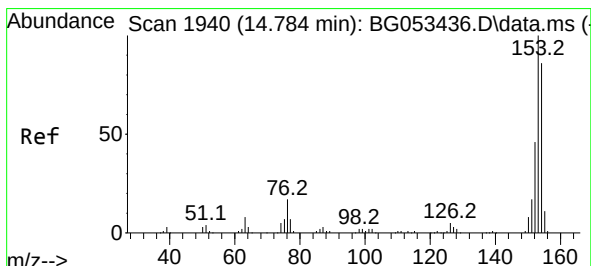
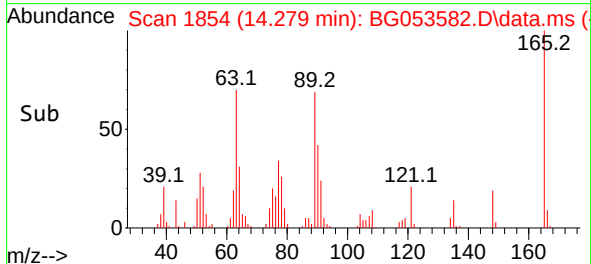
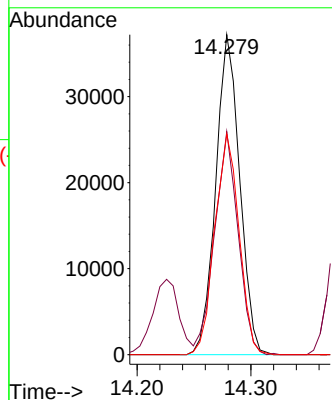
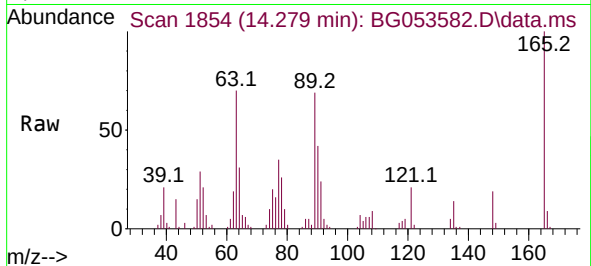




#51
2,6-Dinitrotoluene
Concen: 43.990 ng
RT: 14.279 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

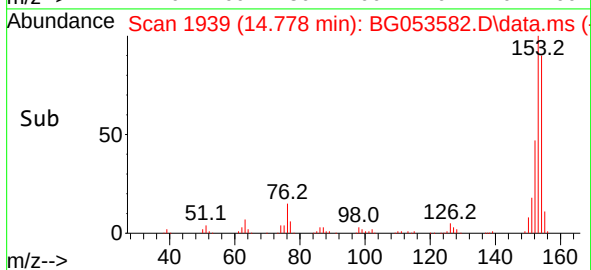
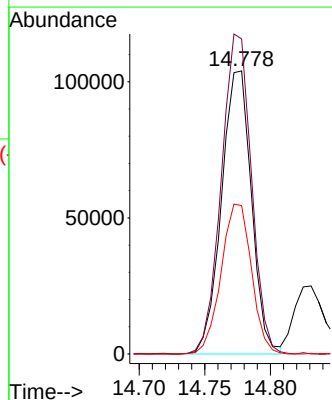
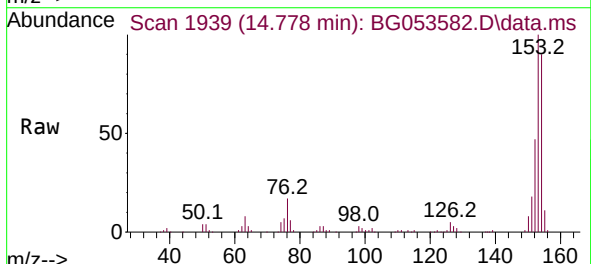
Instrument :
BNA_G
ClientSampleId :
PB144792BS

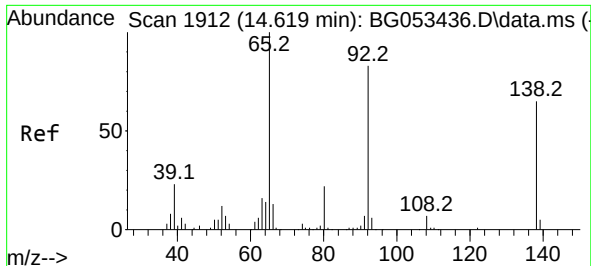
Tgt Ion:165 Resp: 54507
Ion Ratio Lower Upper
165 100
63 69.7 54.1 81.1
89 68.9 54.8 82.2



#52
Acenaphthene
Concen: 40.706 ng
RT: 14.778 min Scan# 1939
Delta R.T. -0.002 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

Tgt Ion:154 Resp: 165460
Ion Ratio Lower Upper
154 100
153 111.3 92.7 139.1
152 52.4 42.6 64.0

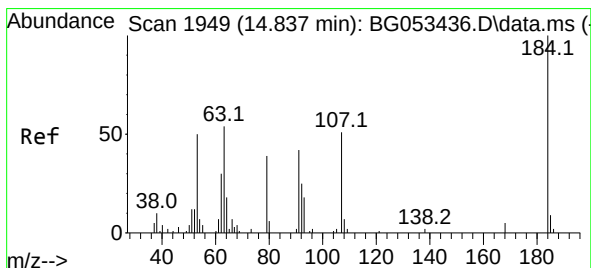
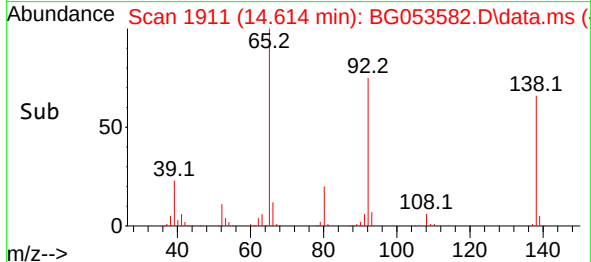
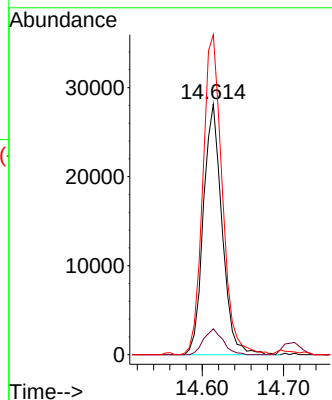
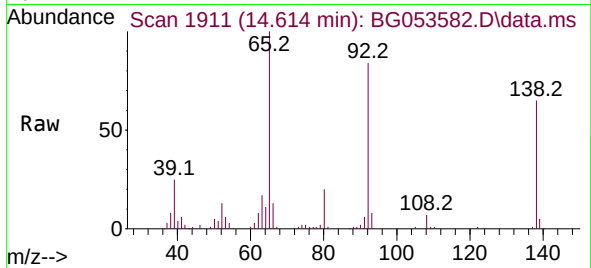




#53
3-Nitroaniline
Concen: 33.516 ng
RT: 14.614 min Scan# 1911
Delta R.T. -0.002 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

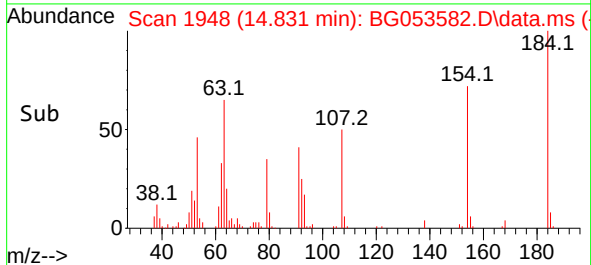
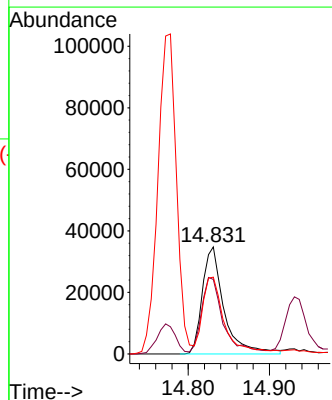
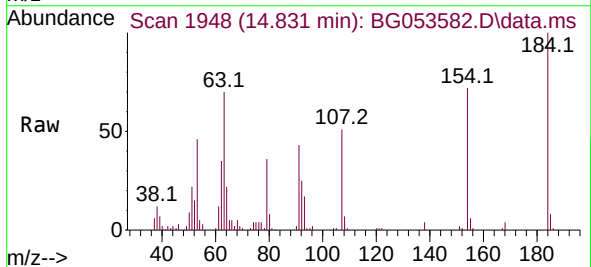
Instrument :
BNA_G
ClientSampleId :
PB144792BS

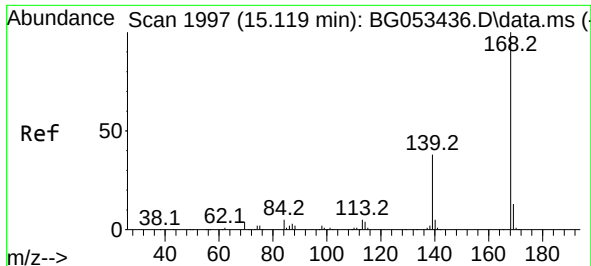
Tgt Ion:138 Resp: 44872
Ion Ratio Lower Upper
138 100
108 10.3 9.2 13.8
92 127.7 101.9 152.9



#54
2,4-Dinitrophenol
Concen: 81.805 ng
RT: 14.831 min Scan# 1948
Delta R.T. -0.002 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

Tgt Ion:184 Resp: 64462
Ion Ratio Lower Upper
184 100
63 69.7 61.1 91.7
154 71.8 60.6 91.0

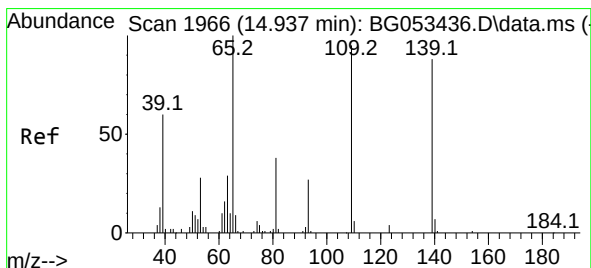
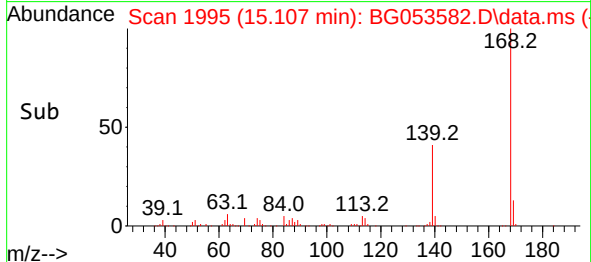
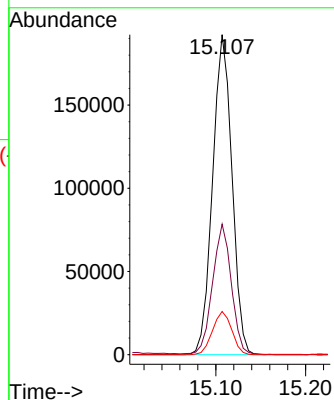
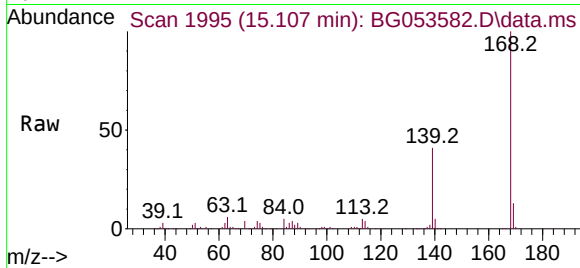




#55
Dibenzenofuran
Concen: 39.389 ng
RT: 15.107 min Scan# 1995
Delta R.T. -0.002 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

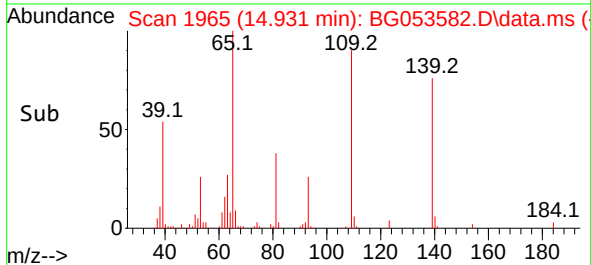
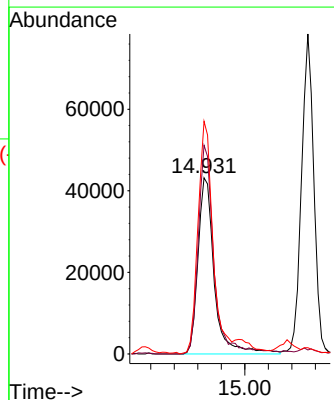
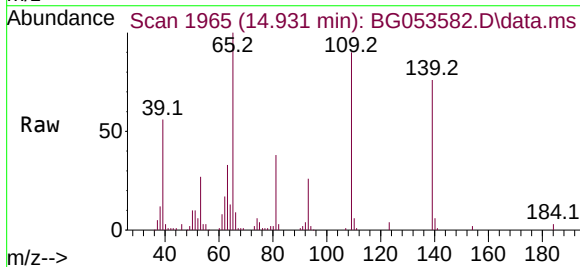
Instrument :
BNA_G
ClientSampleId :
PB144792BS

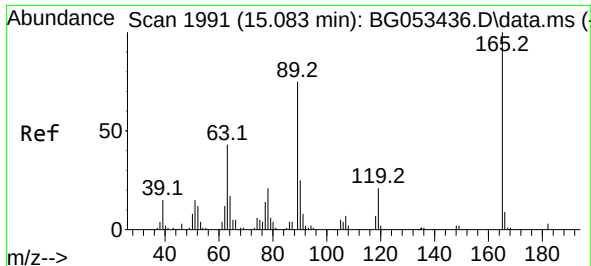
Tgt Ion:168 Resp: 287577
Ion Ratio Lower Upper
168 100
139 40.8 30.5 45.7
169 13.5 10.3 15.5



#56
4-Nitrophenol
Concen: 86.879 ng
RT: 14.931 min Scan# 1965
Delta R.T. -0.002 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

Tgt Ion:139 Resp: 83078
Ion Ratio Lower Upper
139 100
109 118.4 88.5 128.5
65 132.1 93.9 133.9





#57

2,4-Dinitrotoluene

Concen: 44.794 ng

RT: 15.072 min Scan# 1991

Delta R.T. -0.002 min

Lab File: BG053582.D

Acq: 17 May 2022 13:45

Instrument :

BNA_G

ClientSampleId :

PB144792BS

Tgt Ion:165 Resp: 80452

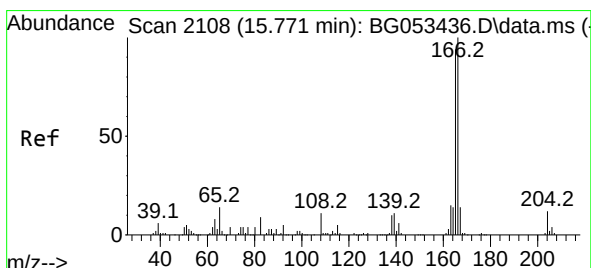
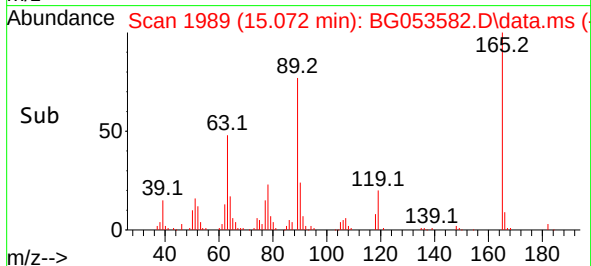
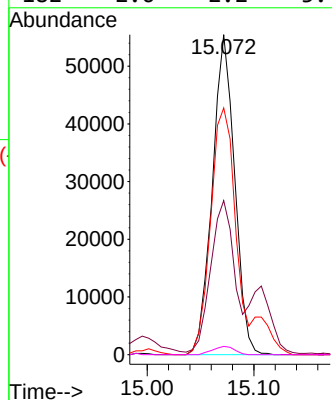
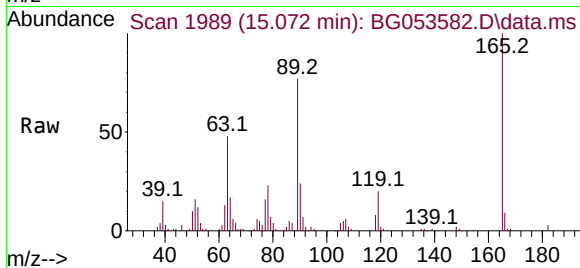
Ion Ratio Lower Upper

165 100

63 48.2 34.6 52.0

89 77.1 60.3 90.5

182 2.6 2.2 3.4



#58

Fluorene

Concen: 41.129 ng

RT: 15.753 min Scan# 2105

Delta R.T. -0.008 min

Lab File: BG053582.D

Acq: 17 May 2022 13:45

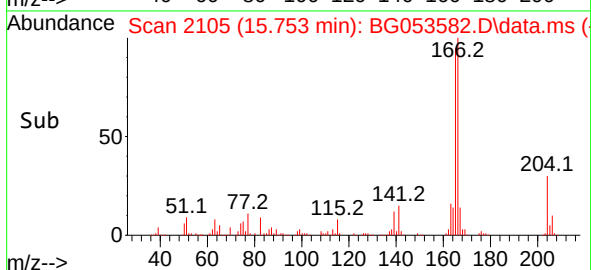
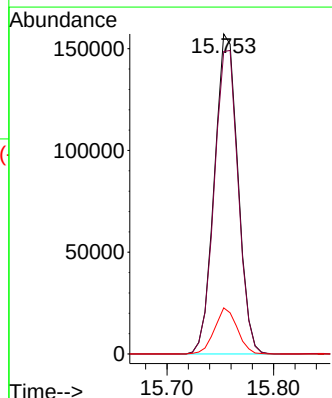
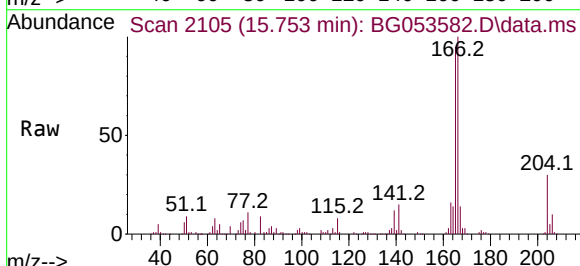
Tgt Ion:166 Resp: 240975

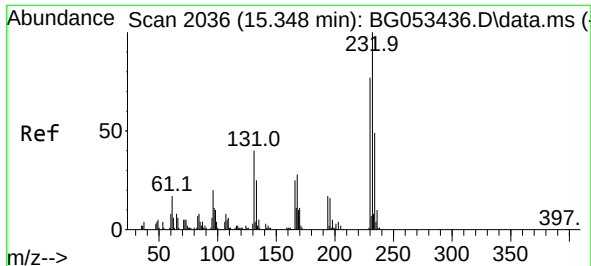
Ion Ratio Lower Upper

166 100

165 94.5 75.0 112.6

167 14.4 10.8 16.2

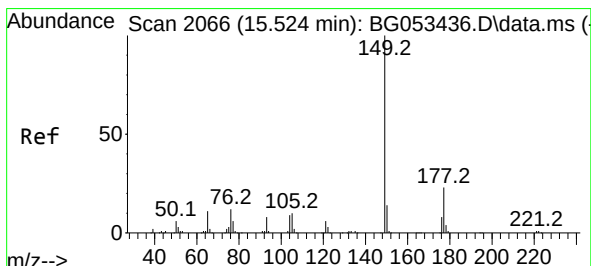
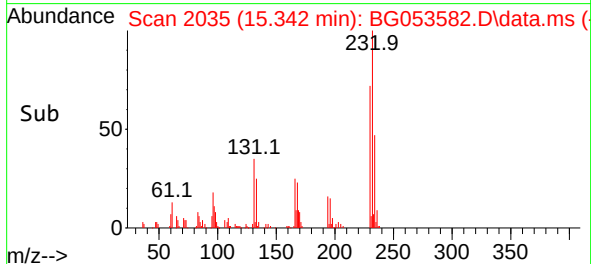
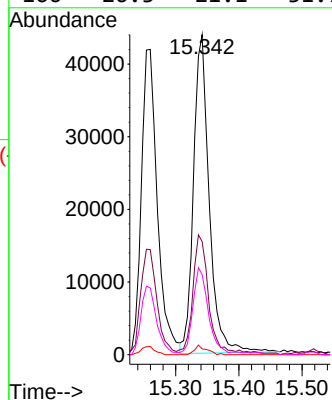
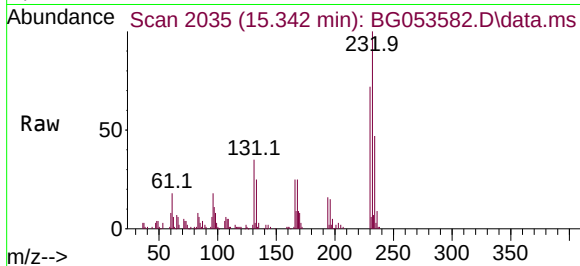




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.592 ng
RT: 15.342 min Scan# 2035
Delta R.T. -0.002 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

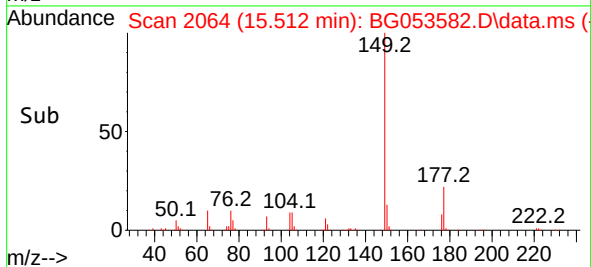
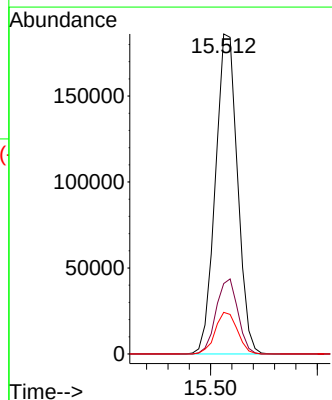
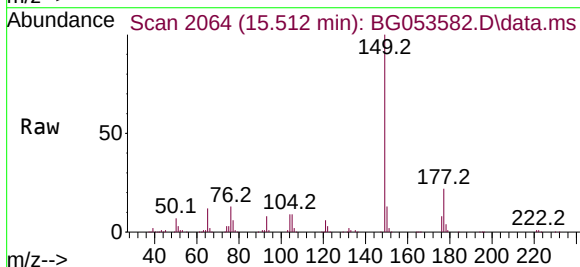
Instrument :
BNA_G
ClientSampleId :
PB144792BS

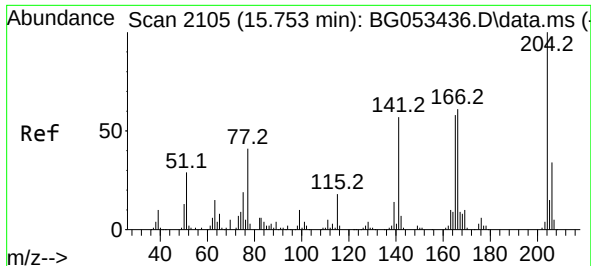
Tgt Ion:232 Resp: 75740
Ion Ratio Lower Upper
232 100
131 37.5 30.6 46.0
130 2.3 1.8 2.8
166 26.3 21.1 31.7



#60
Diethylphthalate
Concen: 42.480 ng
RT: 15.512 min Scan# 2064
Delta R.T. -0.008 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

Tgt Ion:149 Resp: 266877
Ion Ratio Lower Upper
149 100
177 22.0 18.4 27.6
150 13.0 11.2 16.8

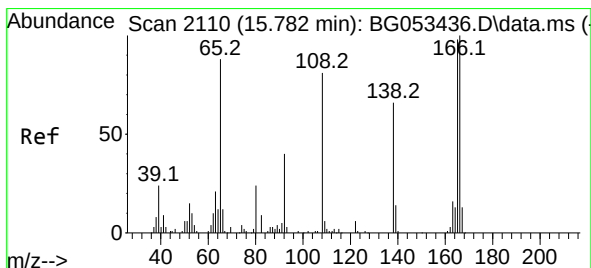
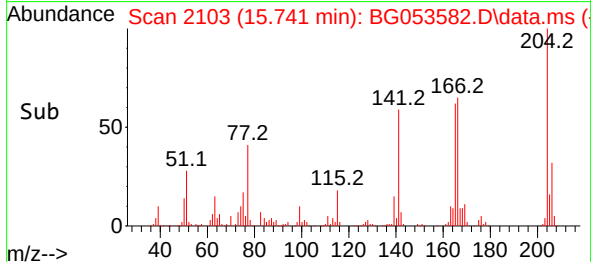
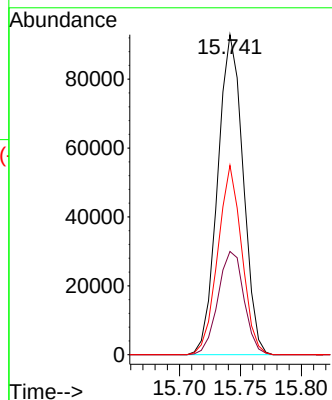
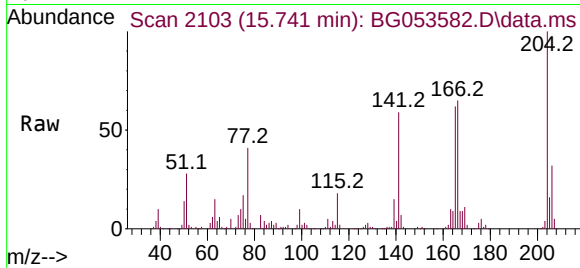




#61
4-Chlorophenyl-phenylether
Concen: 41.277 ng
RT: 15.741 min Scan# 2105
Delta R.T. -0.002 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

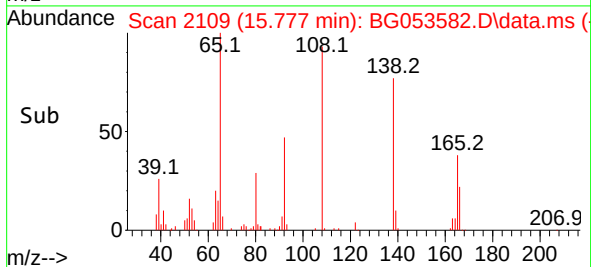
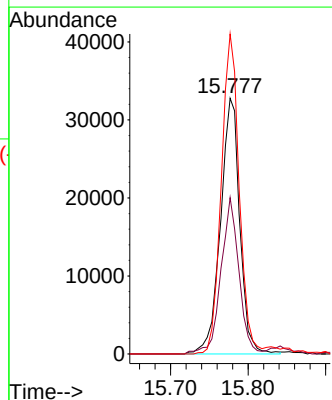
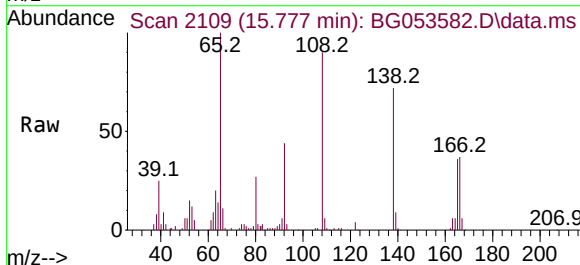
Instrument :
BNA_G
ClientSampleId :
PB144792BS

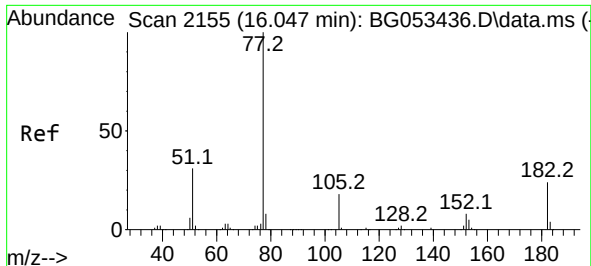
Tgt Ion:204 Resp: 134951
Ion Ratio Lower Upper
204 100
206 32.3 27.5 41.3
141 59.1 45.3 67.9



#62
4-Nitroaniline
Concen: 40.902 ng
RT: 15.777 min Scan# 2109
Delta R.T. -0.002 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

Tgt Ion:138 Resp: 56797
Ion Ratio Lower Upper
138 100
92 61.1 40.5 80.5
108 125.2 103.7 143.7

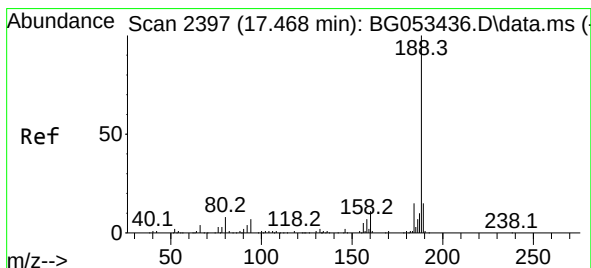
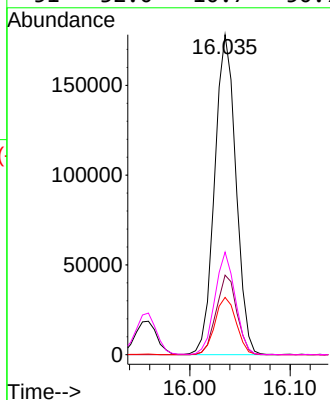
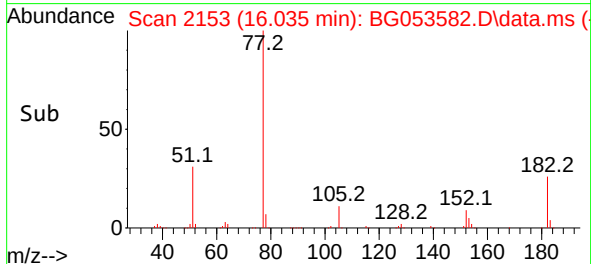
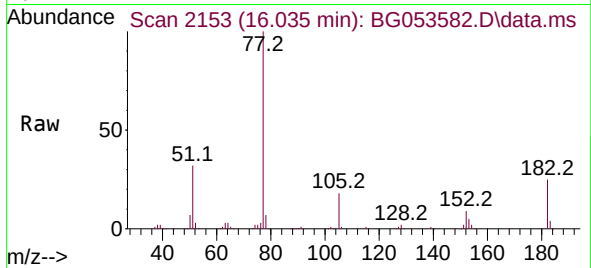




#63
Azobenzene
Concen: 40.714 ng
RT: 16.035 min Scan# 2153
Delta R.T. -0.002 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

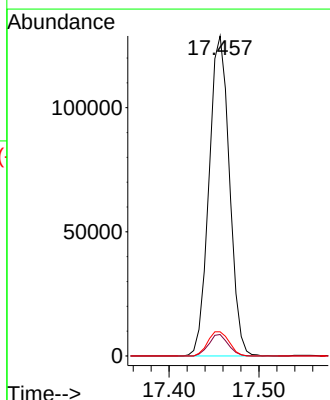
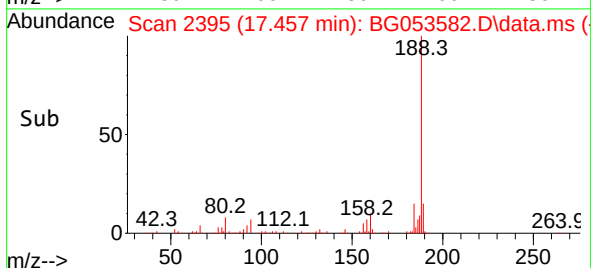
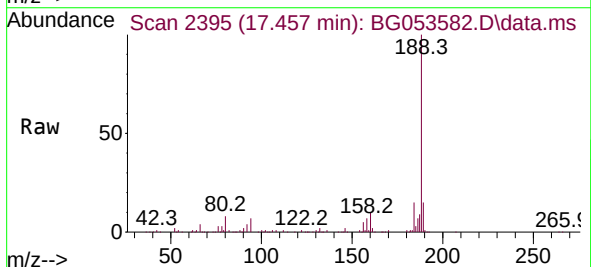
Instrument :
BNA_G
ClientSampleId :
PB144792BS

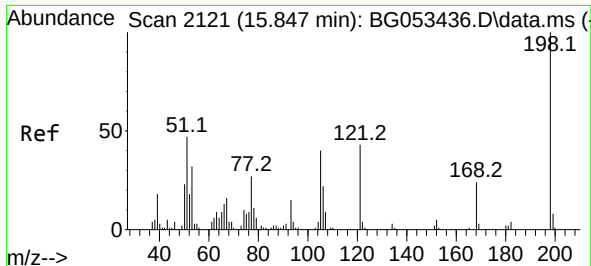
Tgt Ion:	77	Resp:	261923
Ion	Ratio	Lower	Upper
77	100		
182	24.9	3.8	43.8
105	17.9	0.0	37.8
51	32.0	10.7	50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.457 min Scan# 2395
Delta R.T. -0.002 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

Tgt Ion:	188	Resp:	203714
Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.4	8.0
80	7.5	6.8	10.2

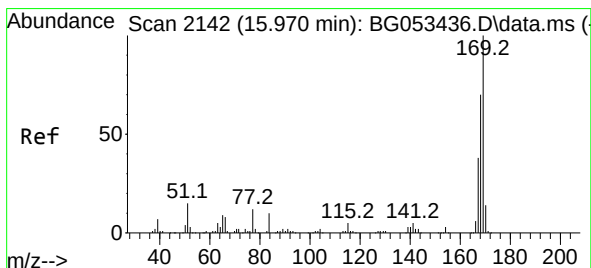
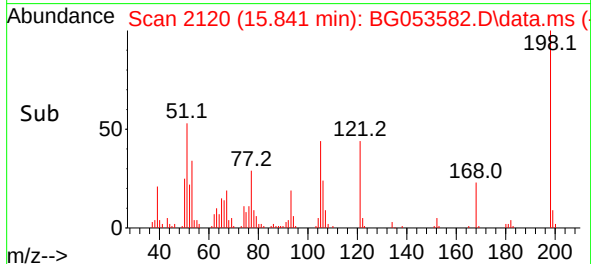
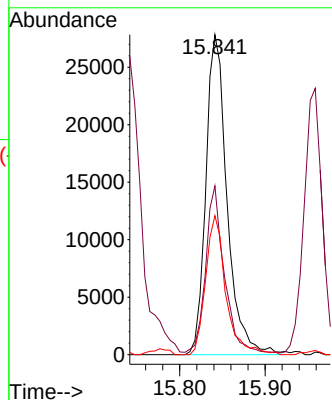
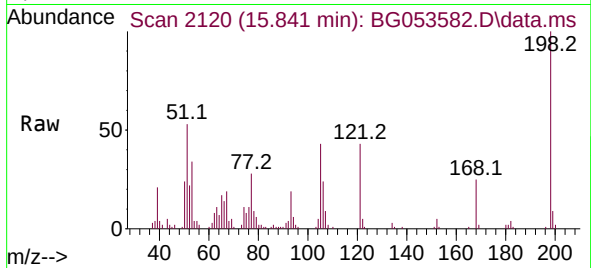




#65
4,6-Dinitro-2-methylphenol
Concen: 39.509 ng
RT: 15.841 min Scan# 2121
Delta R.T. -0.002 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

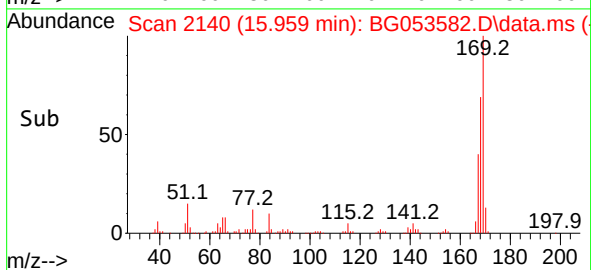
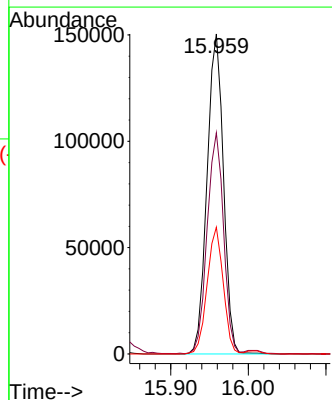
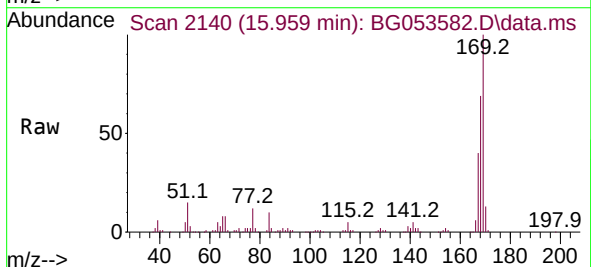
Instrument :
BNA_G
ClientSampleId :
PB144792BS

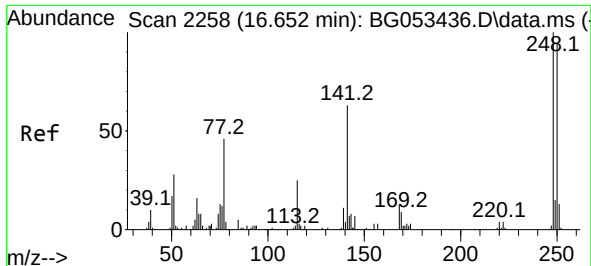
Tgt Ion:198 Resp: 47959
Ion Ratio Lower Upper
198 100
51 52.8 28.1 68.1
105 43.4 20.3 60.3



#66
n-Nitrosodiphenylamine
Concen: 41.274 ng
RT: 15.959 min Scan# 2140
Delta R.T. -0.002 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

Tgt Ion:169 Resp: 220759
Ion Ratio Lower Upper
169 100
168 69.1 55.9 83.9
167 39.6 30.6 46.0

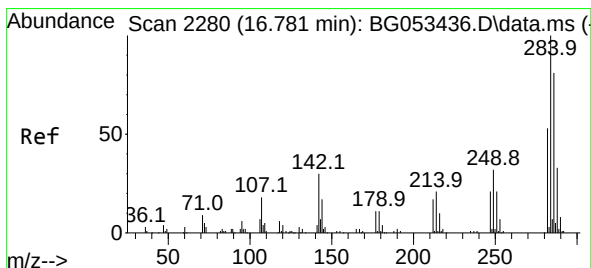
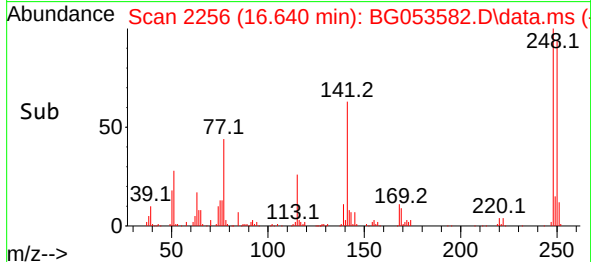
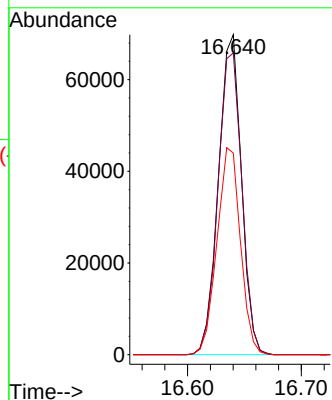
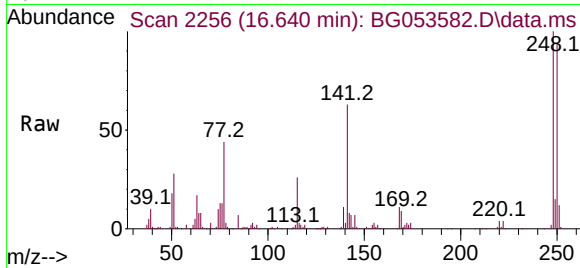




#67
4-Bromophenyl-phenylether
Concen: 41.283 ng
RT: 16.640 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

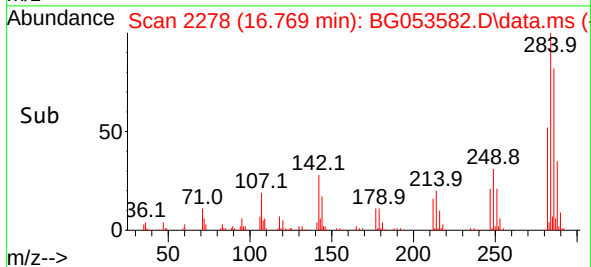
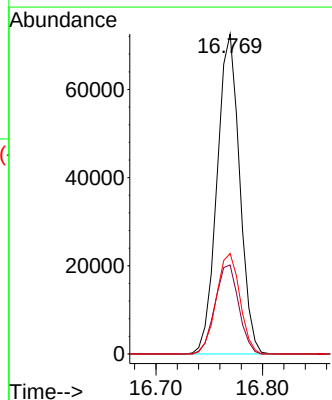
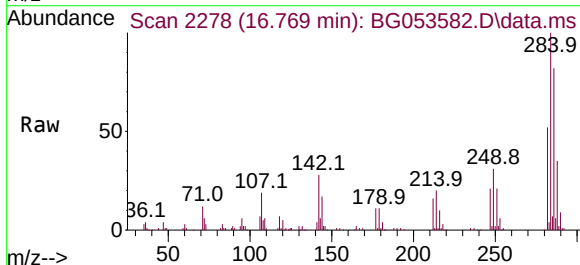
Instrument :
BNA_G
ClientSampleId :
PB144792BS

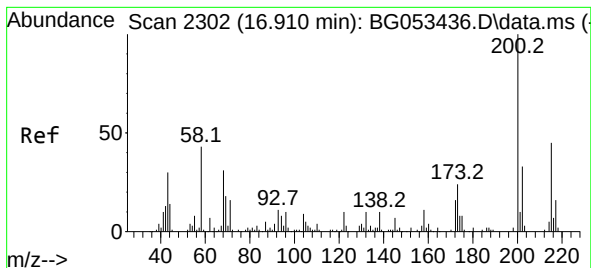
Tgt Ion:248 Resp: 98219
Ion Ratio Lower Upper
248 100
250 94.3 75.2 112.8
141 63.0 50.0 75.0



#68
Hexachlorobenzene
Concen: 40.911 ng
RT: 16.769 min Scan# 2278
Delta R.T. -0.002 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

Tgt Ion:284 Resp: 106597
Ion Ratio Lower Upper
284 100
142 27.8 23.6 35.4
249 31.4 25.8 38.6





#69

Atrazine

Concen: 43.421 ng

RT: 16.905 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG053582.D

Acq: 17 May 2022 13:45

Instrument :

BNA_G

ClientSampleId :

PB144792BS

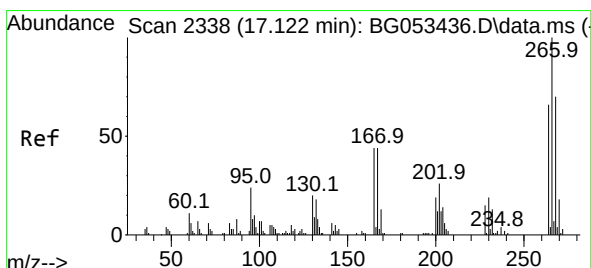
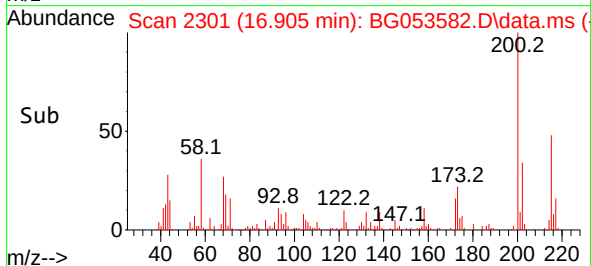
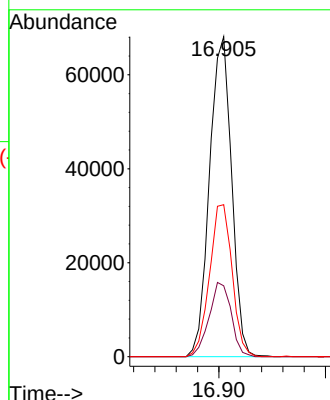
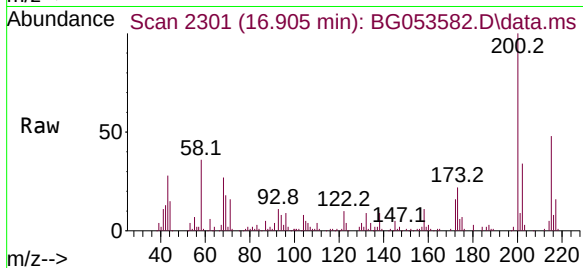
Tgt Ion:200 Resp: 97768

Ion Ratio Lower Upper

200 100

173 22.1 3.7 43.7

215 47.5 25.2 65.2



#70

Pentachlorophenol

Concen: 74.544 ng

RT: 17.116 min Scan# 2337

Delta R.T. -0.002 min

Lab File: BG053582.D

Acq: 17 May 2022 13:45

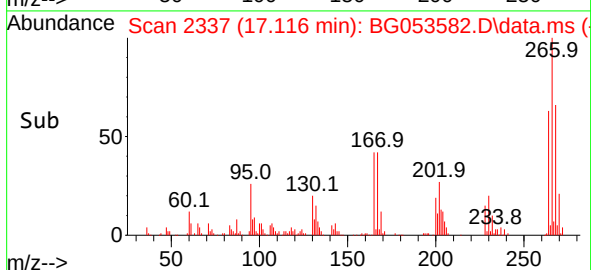
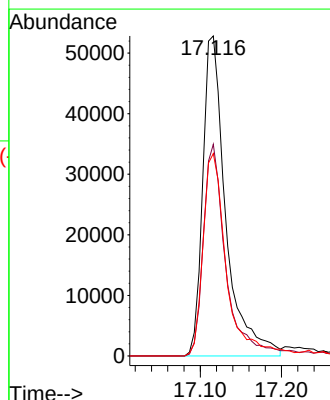
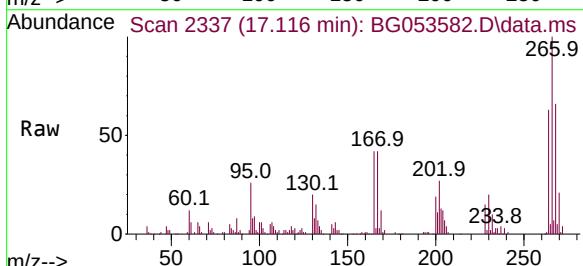
Tgt Ion:266 Resp: 104128

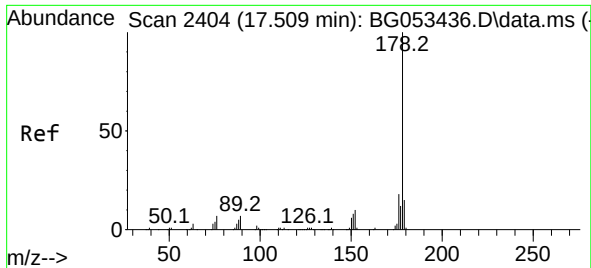
Ion Ratio Lower Upper

266 100

268 66.2 56.2 84.2

264 63.3 53.0 79.4

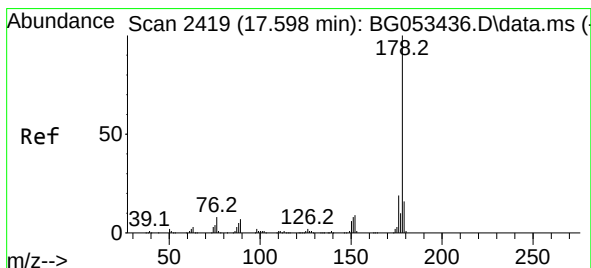
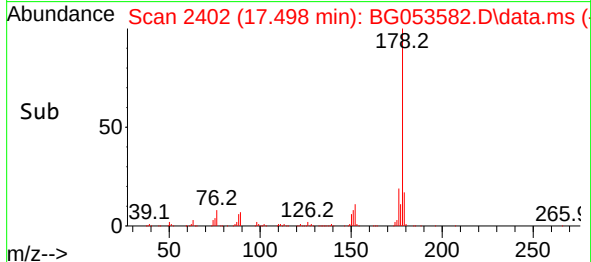
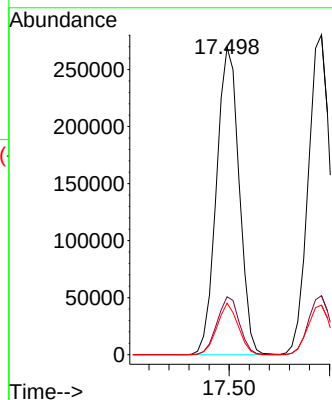
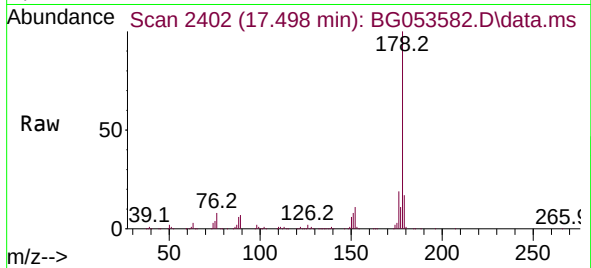




#71
Phenanthrene
Concen: 40.776 ng
RT: 17.498 min Scan# 2418
Delta R.T. -0.002 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

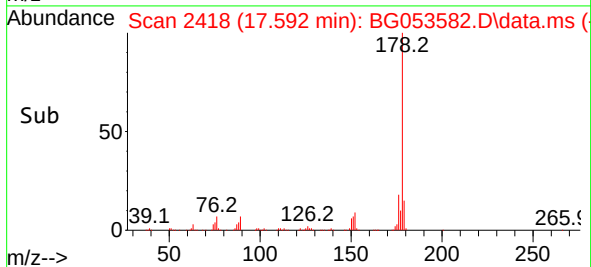
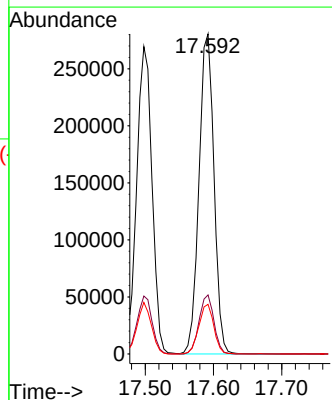
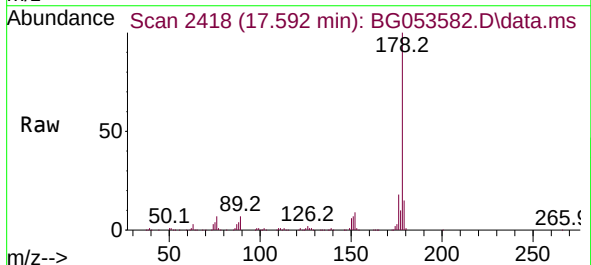
Instrument :
BNA_G
ClientSampleId :
PB144792BS

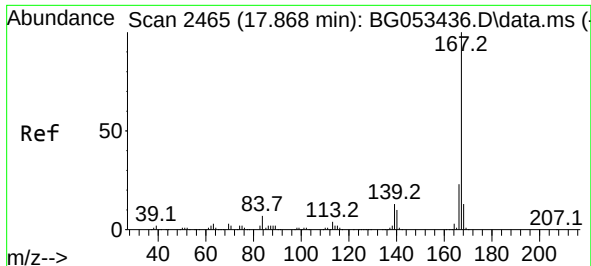
Tgt Ion:178 Resp: 422381
Ion Ratio Lower Upper
178 100
176 18.8 14.1 21.1
179 16.8 12.1 18.1



#72
Anthracene
Concen: 42.154 ng
RT: 17.592 min Scan# 2418
Delta R.T. -0.002 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

Tgt Ion:178 Resp: 429186
Ion Ratio Lower Upper
178 100
176 18.4 15.2 22.8
179 15.5 13.0 19.4

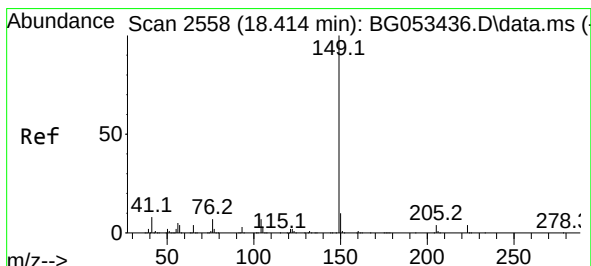
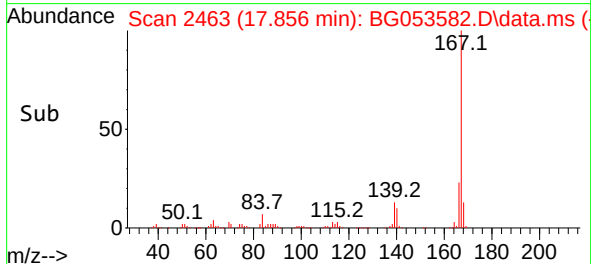
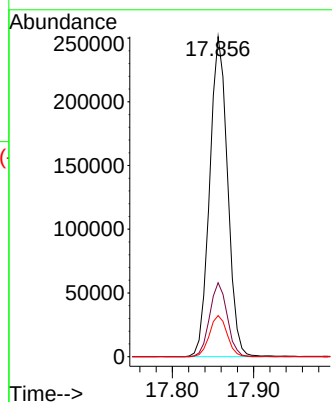
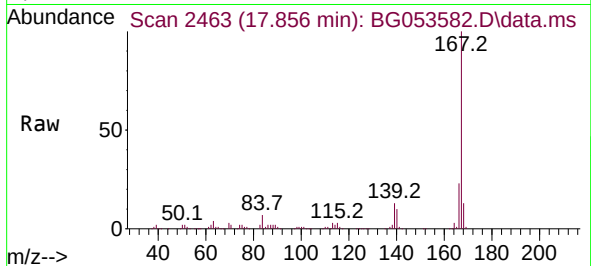




#73
Carbazole
Concen: 38.498 ng
RT: 17.856 min Scan# 2463
Delta R.T. -0.002 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

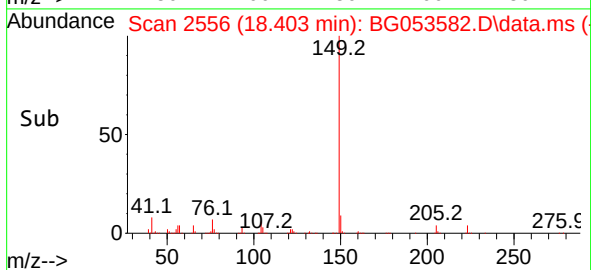
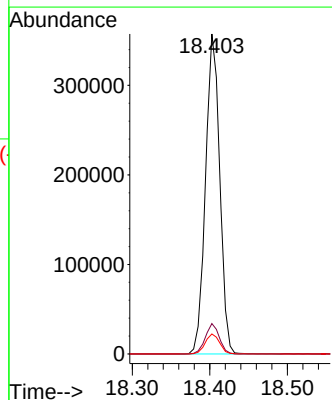
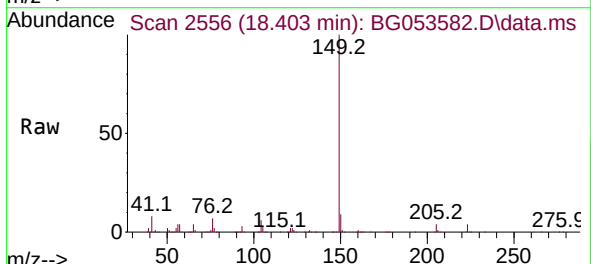
Instrument :
BNA_G
ClientSampleId :
PB144792BS

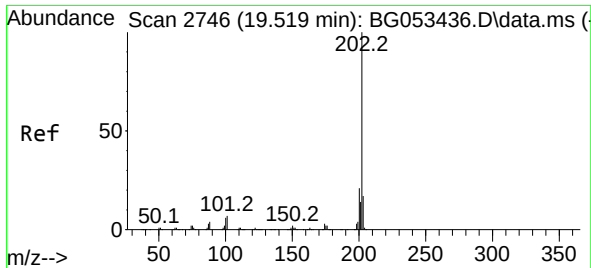
Tgt Ion:167 Resp: 384148
Ion Ratio Lower Upper
167 100
166 23.1 18.2 27.2
139 12.9 10.1 15.1



#74
Di-n-butylphthalate
Concen: 40.473 ng
RT: 18.403 min Scan# 2556
Delta R.T. -0.002 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

Tgt Ion:149 Resp: 454204
Ion Ratio Lower Upper
149 100
150 9.5 7.7 11.5
104 6.3 5.4 8.0

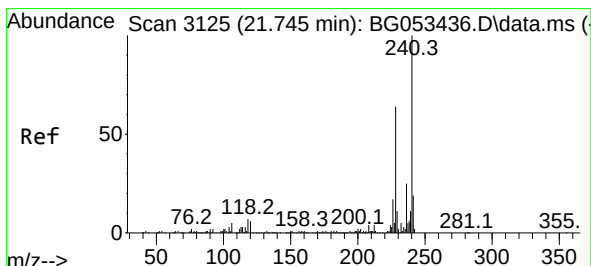
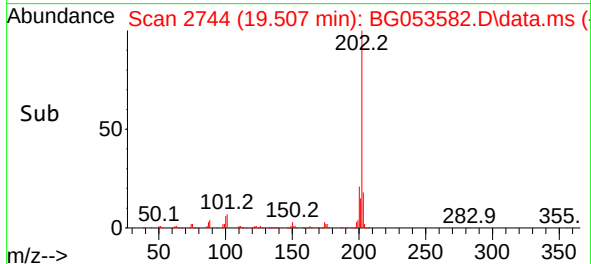
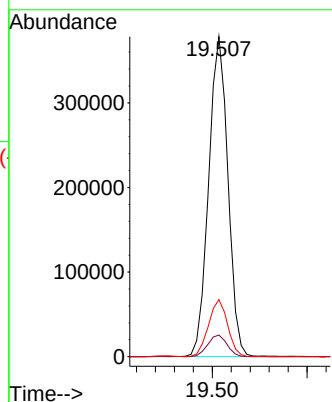
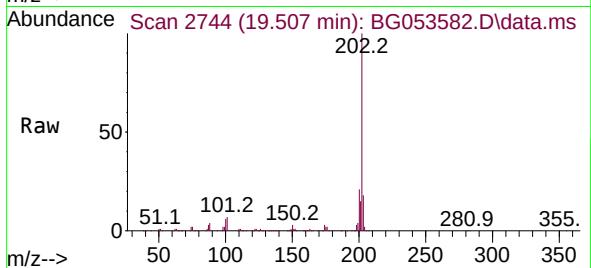




#75
Fluoranthene
Concen: 39.681 ng
RT: 19.507 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

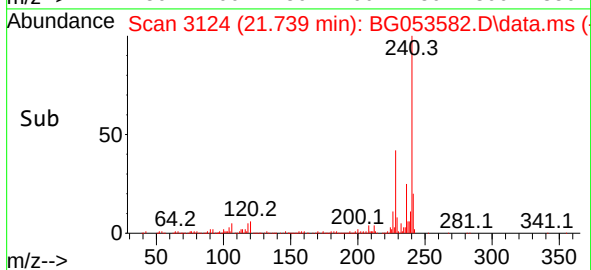
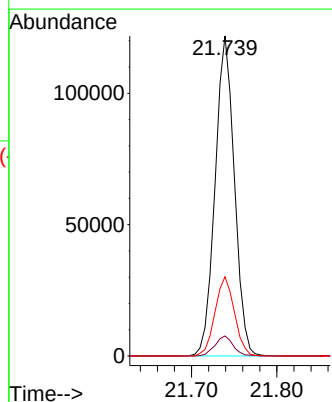
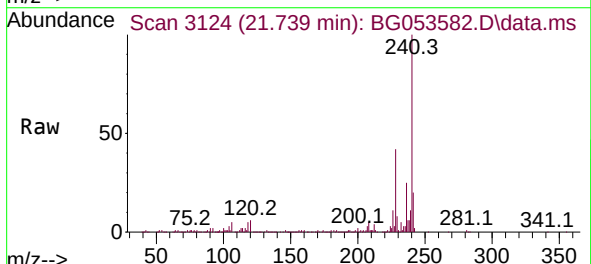
Instrument :
BNA_G
ClientSampleId :
PB144792BS

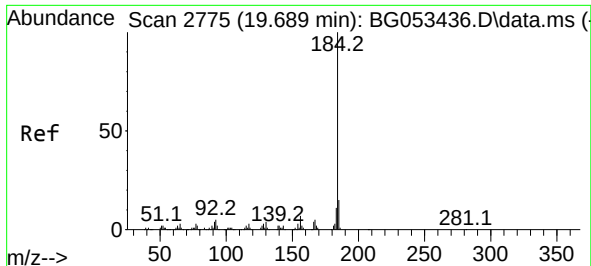
Tgt Ion:202 Resp: 532216
Ion Ratio Lower Upper
202 100
101 6.8 0.0 26.9
203 17.9 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.739 min Scan# 3124
Delta R.T. -0.002 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

Tgt Ion:240 Resp: 191702
Ion Ratio Lower Upper
240 100
120 6.2 4.6 7.0
236 24.7 20.2 30.4

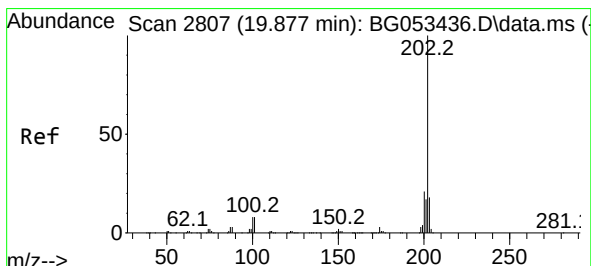
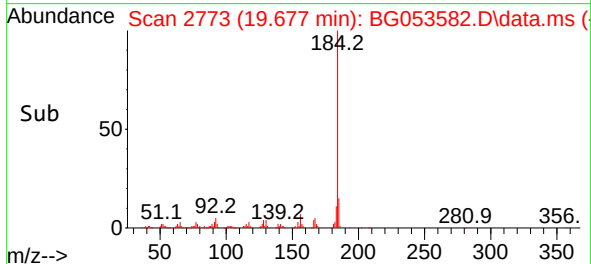
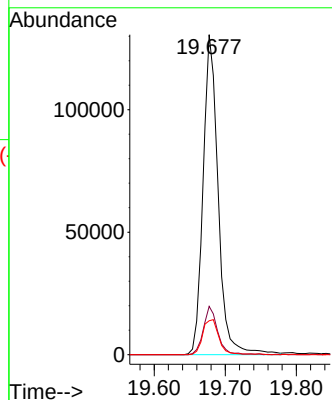
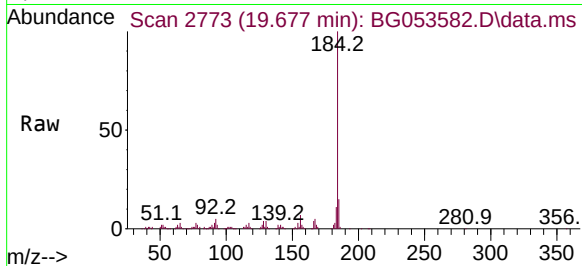




#77
Benzidine
Concen: 46.782 ng
RT: 19.677 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

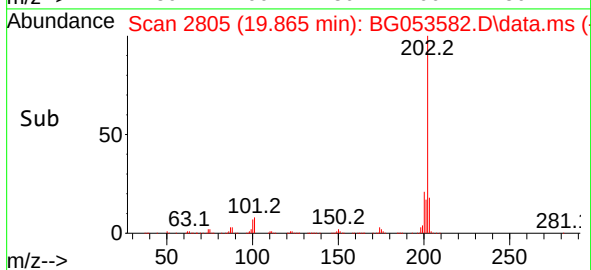
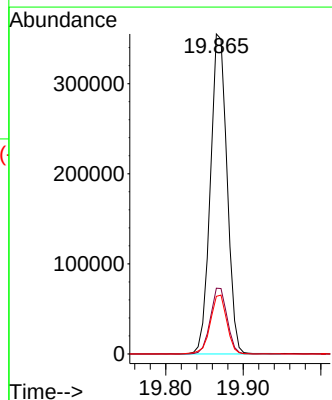
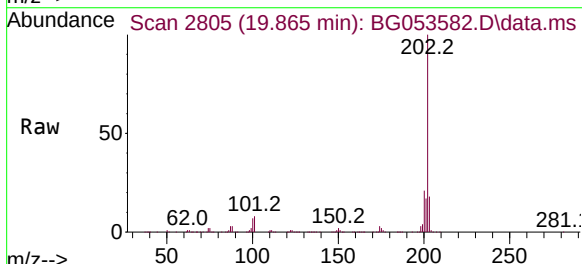
Instrument :
BNA_G
ClientSampleId :
PB144792BS

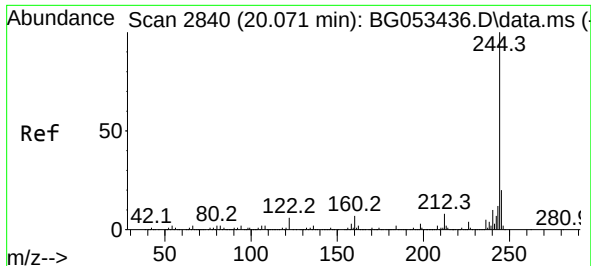
Tgt Ion:184 Resp: 193296
Ion Ratio Lower Upper
184 100
185 15.1 11.8 17.6
183 10.6 8.9 13.3



#78
Pyrene
Concen: 42.680 ng
RT: 19.865 min Scan# 2805
Delta R.T. -0.008 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

Tgt Ion:202 Resp: 529650
Ion Ratio Lower Upper
202 100
200 20.5 16.6 24.8
203 18.0 14.6 21.8

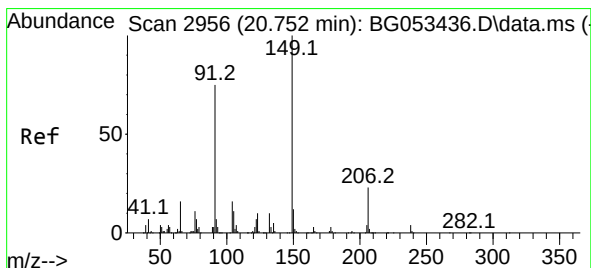
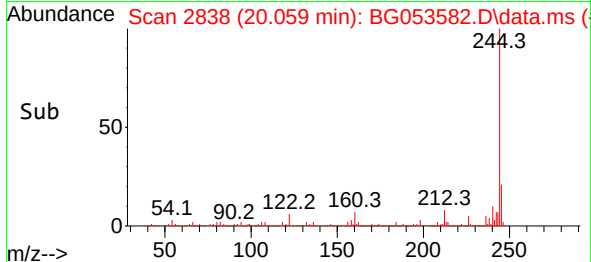
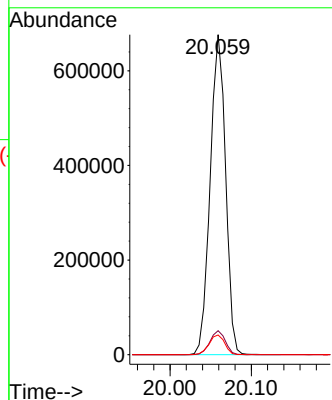
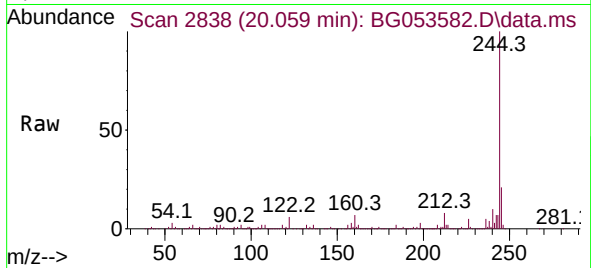




#79
 Terphenyl-d14
 Concen: 86.320 ng
 RT: 20.059 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG053582.D
 Acq: 17 May 2022 13:45

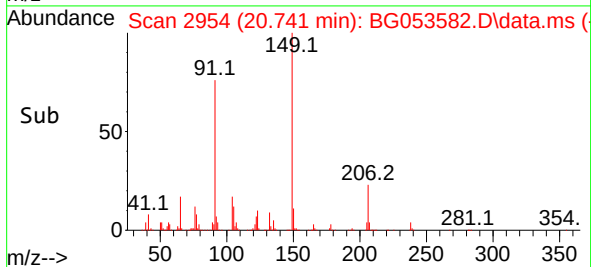
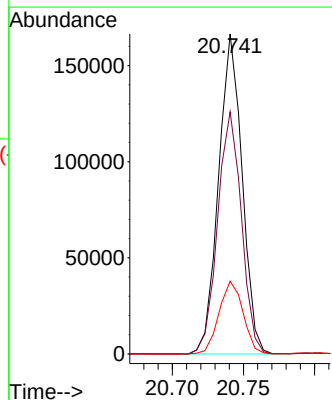
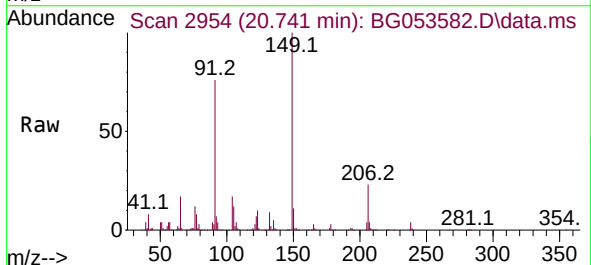
Instrument :
 BNA_G
 ClientSampleId :
 PB144792BS

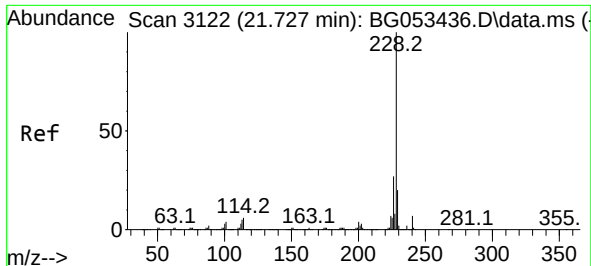
Tgt Ion:244 Resp: 888482
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 6.1 5.0 7.4



#80
 Butylbenzylphthalate
 Concen: 42.063 ng
 RT: 20.741 min Scan# 2954
 Delta R.T. -0.002 min
 Lab File: BG053582.D
 Acq: 17 May 2022 13:45

Tgt Ion:149 Resp: 191412
 Ion Ratio Lower Upper
 149 100
 91 75.7 59.6 89.4
 206 22.7 18.6 28.0

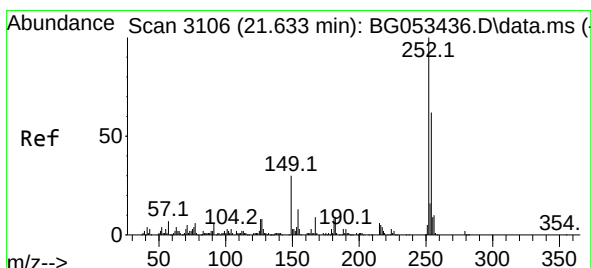
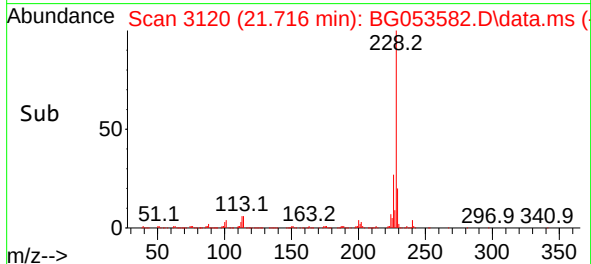
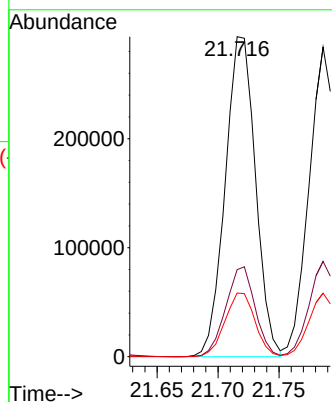
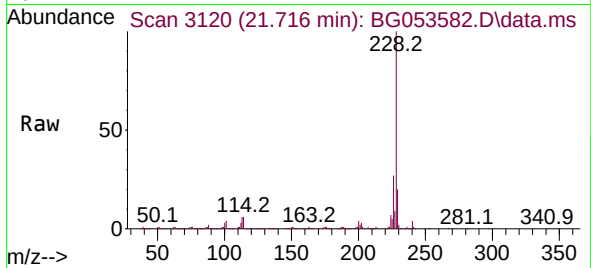




#81
Benzo(a)anthracene
Concen: 41.634 ng
RT: 21.716 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

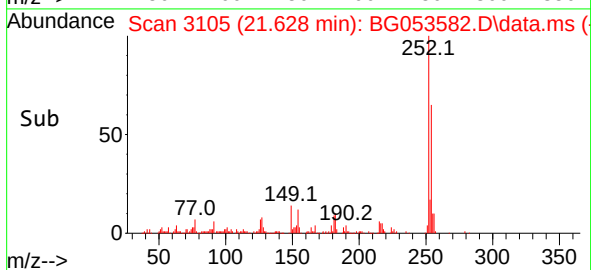
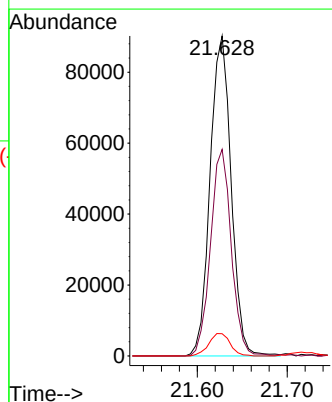
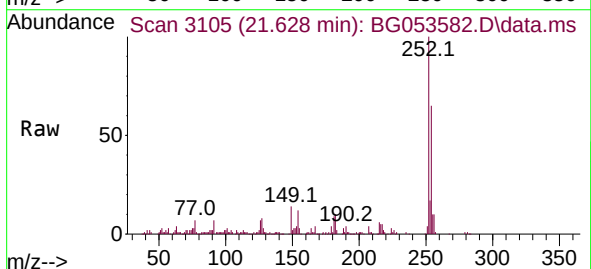
Instrument :
BNA_G
ClientSampleId :
PB144792BS

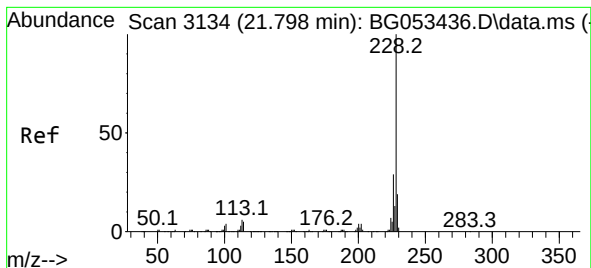
Tgt Ion:228 Resp: 509058
Ion Ratio Lower Upper
228 100
226 27.2 21.6 32.4
229 19.9 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 47.384 ng
RT: 21.628 min Scan# 3105
Delta R.T. 0.004 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

Tgt Ion:252 Resp: 146922
Ion Ratio Lower Upper
252 100
254 64.6 49.8 74.8
126 6.9 6.0 9.0





#83

Chrysene

Concen: 40.204 ng

RT: 21.786 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG053582.D

Acq: 17 May 2022 13:45

Instrument :

BNA_G

ClientSampleId :

PB144792BS

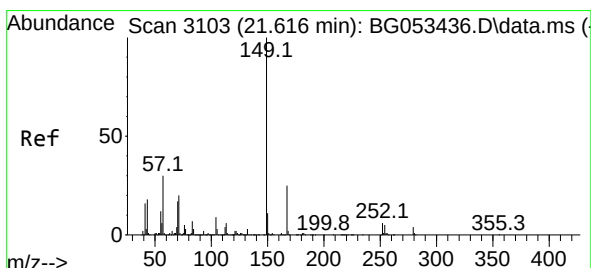
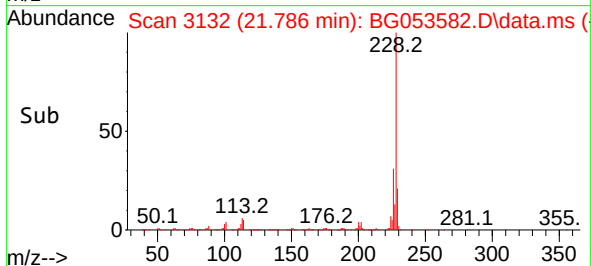
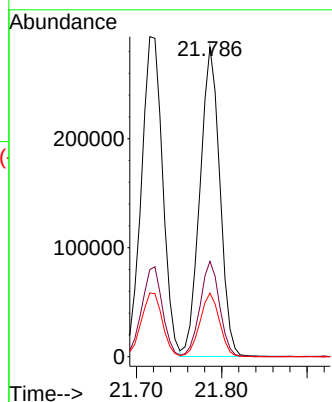
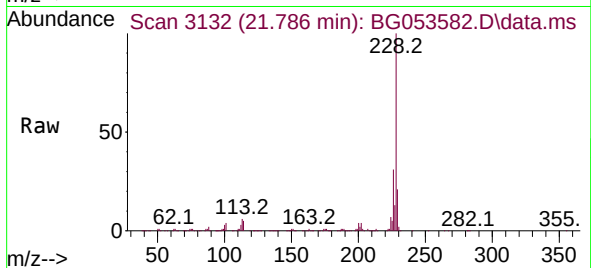
Tgt Ion:228 Resp: 459117

Ion Ratio Lower Upper

228 100

226 30.8 23.4 35.2

229 20.5 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.191 ng

RT: 21.604 min Scan# 3101

Delta R.T. -0.002 min

Lab File: BG053582.D

Acq: 17 May 2022 13:45

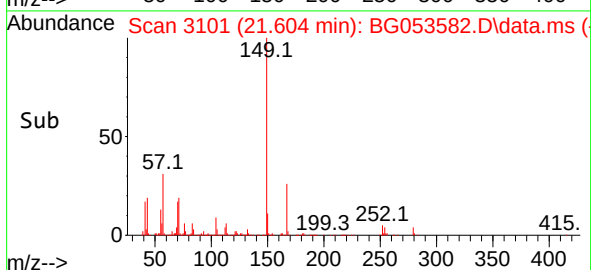
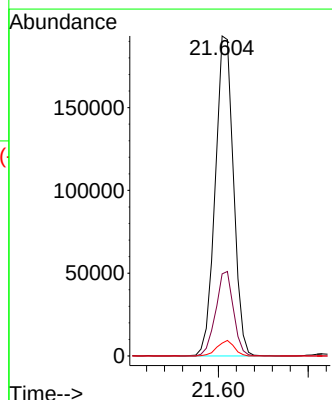
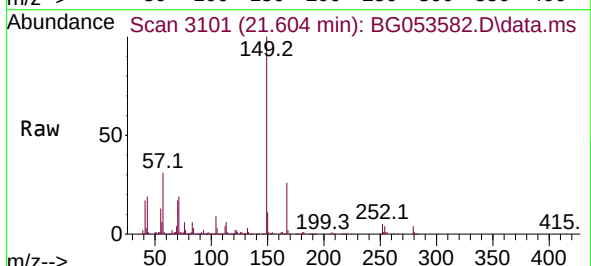
Tgt Ion:149 Resp: 271280

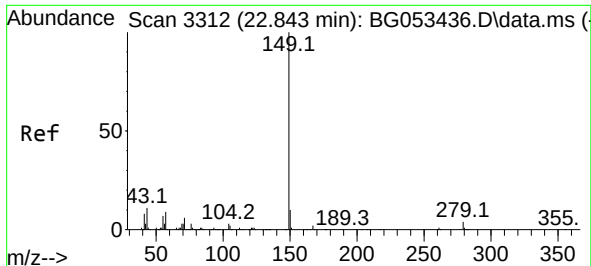
Ion Ratio Lower Upper

149 100

167 25.7 20.2 30.4

279 4.0 3.6 5.4

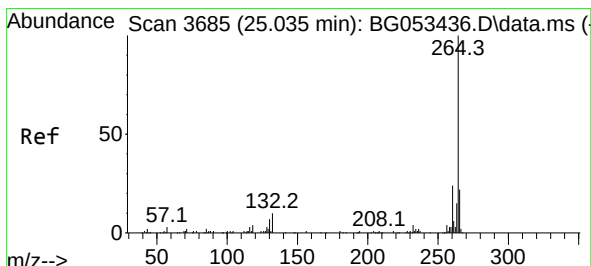
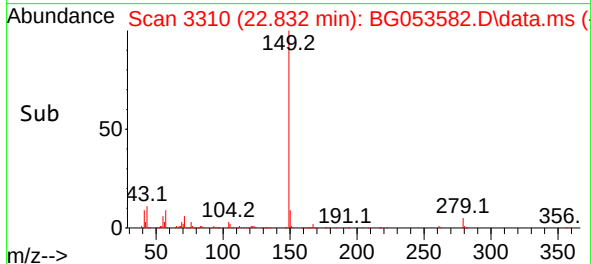
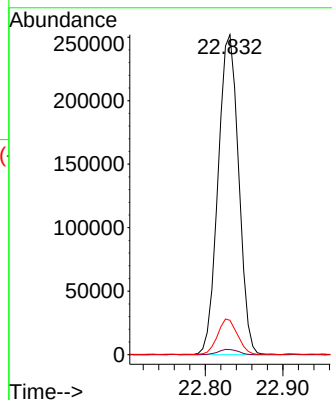
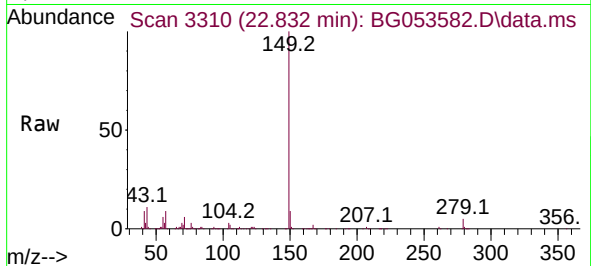




#85
Di-n-octyl phthalate
Concen: 43.810 ng
RT: 22.832 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

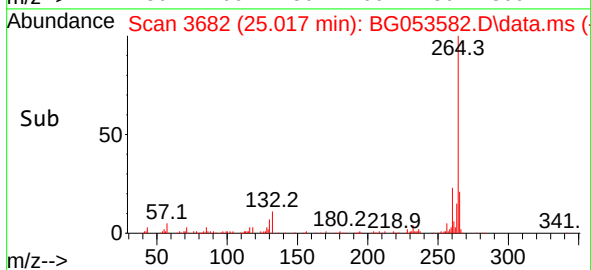
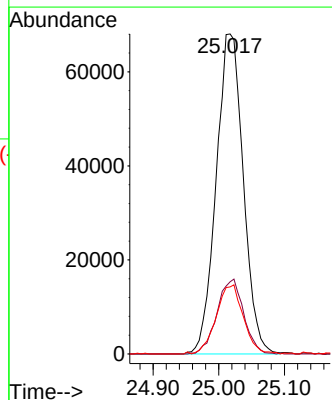
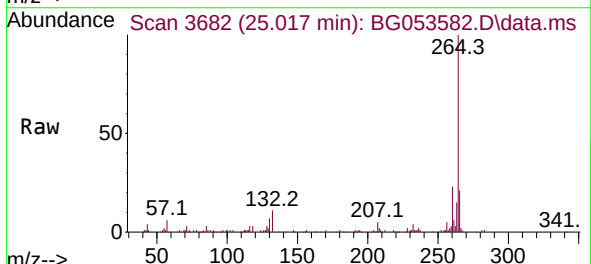
Instrument :
BNA_G
ClientSampleId :
PB144792BS

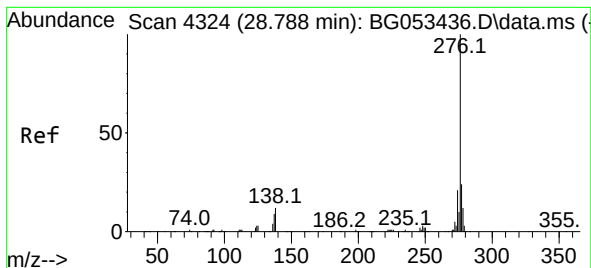
Tgt Ion:149 Resp: 465300
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.0 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.017 min Scan# 3682
Delta R.T. -0.002 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

Tgt Ion:264 Resp: 195331
Ion Ratio Lower Upper
264 100
260 22.6 19.0 28.6
265 21.0 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.862 ng

RT: 28.783 min Scan# 41

Delta R.T. 0.004 min

Lab File: BG053582.D

Acq: 17 May 2022 13:45

Instrument :

BNA_G

ClientSampleId :

PB144792BS

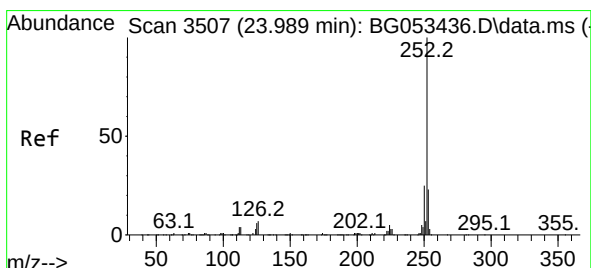
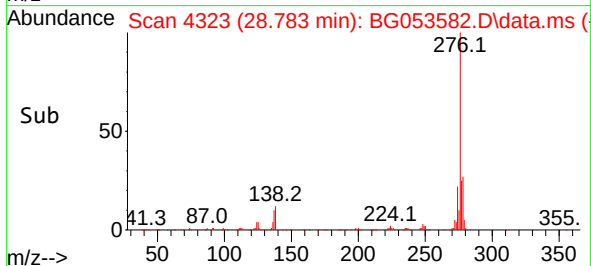
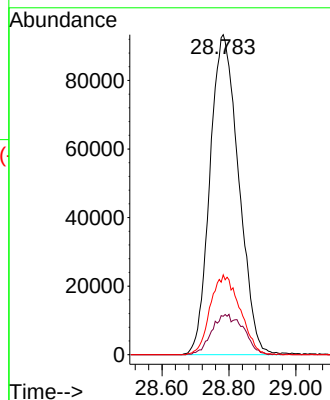
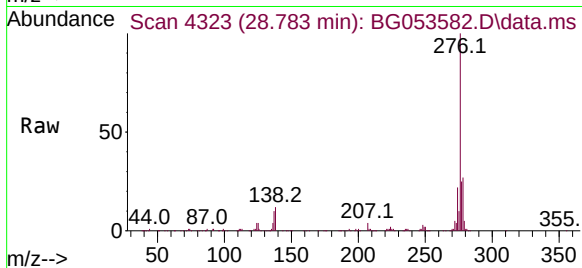
Tgt Ion:276 Resp: 555906

Ion Ratio Lower Upper

276 100

138 9.0 5.0 7.4#

277 25.8 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 45.605 ng

RT: 23.977 min Scan# 3505

Delta R.T. -0.002 min

Lab File: BG053582.D

Acq: 17 May 2022 13:45

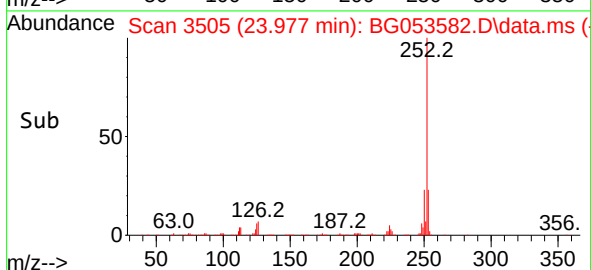
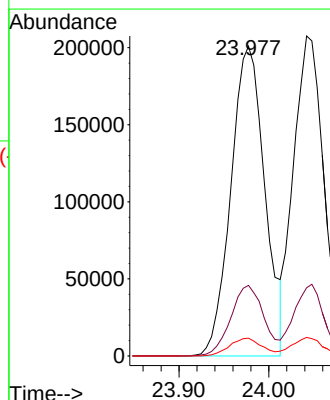
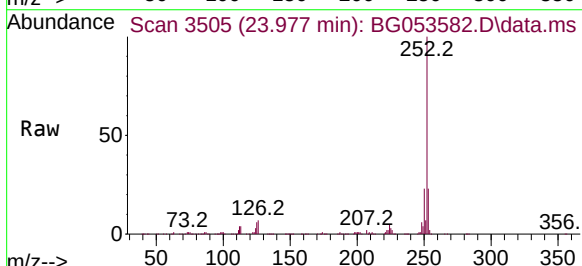
Tgt Ion:252 Resp: 527284

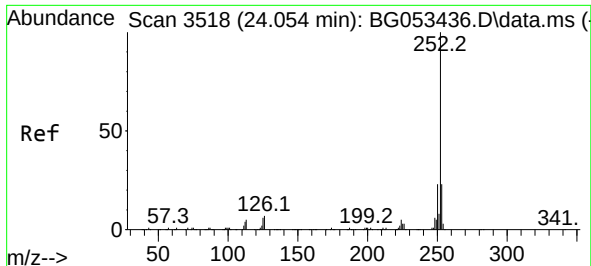
Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

125 5.8 4.6 6.8

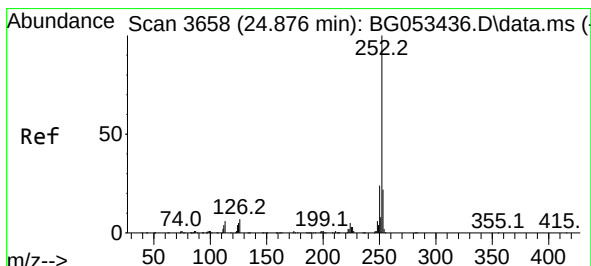
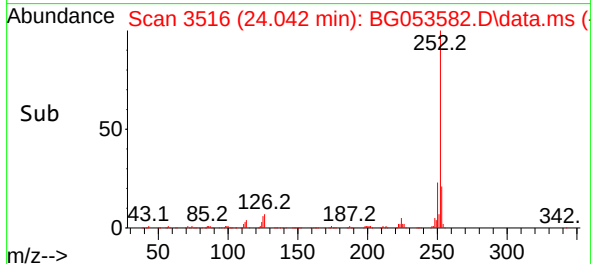
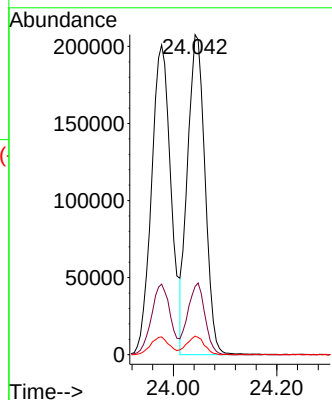
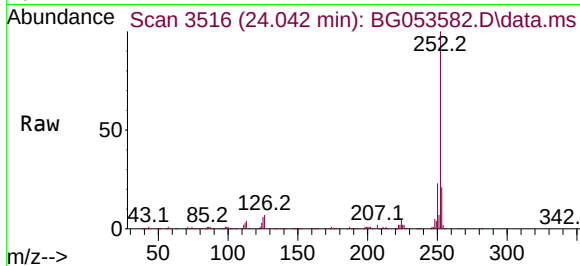




#89
Benzo(k)fluoranthene
Concen: 42.893 ng
RT: 24.042 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

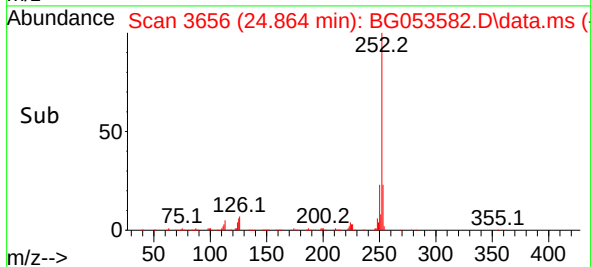
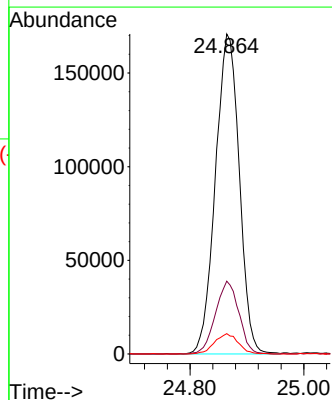
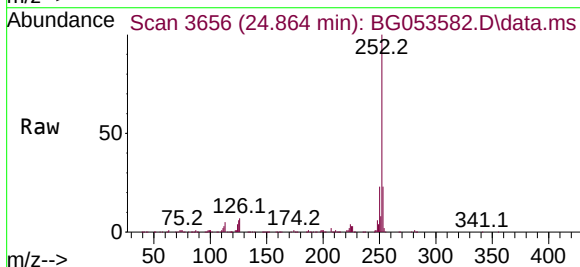
Instrument :
BNA_G
ClientSampleId :
PB144792BS

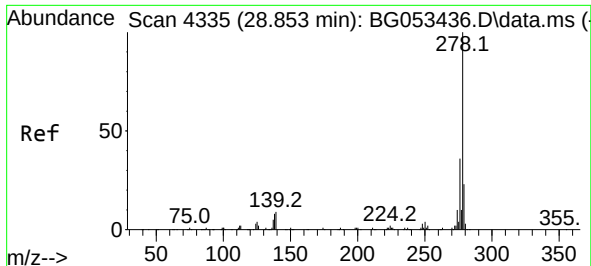
Tgt Ion:252 Resp: 487329
Ion Ratio Lower Upper
252 100
253 21.3 18.4 27.6
125 5.8 4.8 7.2



#90
Benzo(a)pyrene
Concen: 50.561 ng
RT: 24.864 min Scan# 3656
Delta R.T. -0.002 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

Tgt Ion:252 Resp: 497568
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 6.3 4.3 6.5

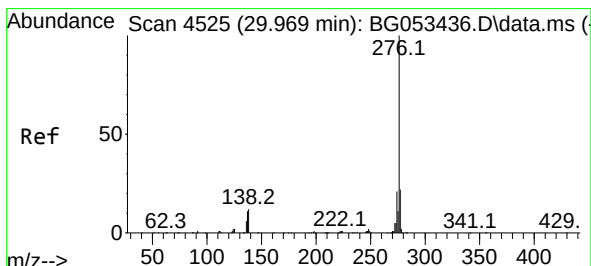
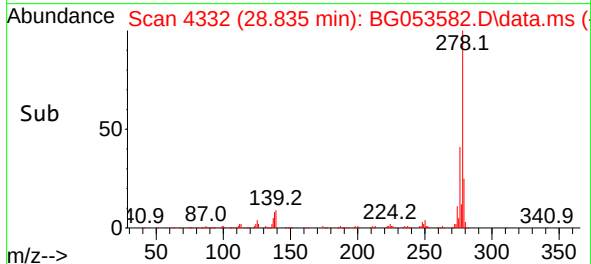
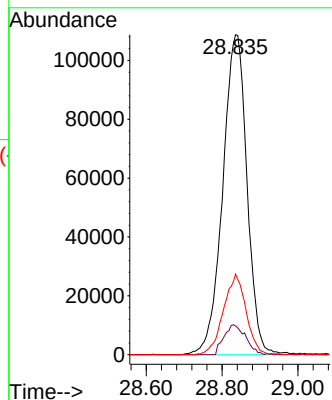
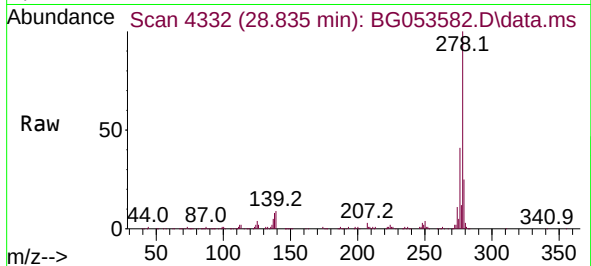




#91
Dibenzo(a,h)anthracene
Concen: 43.023 ng
RT: 28.835 min Scan# 41
Delta R.T. -0.002 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

Instrument :
BNA_G
ClientSampleId :
PB144792BS

Tgt Ion:278 Resp: 482280
Ion Ratio Lower Upper
278 100
139 9.0 7.2 10.8
279 25.2 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 43.413 ng
RT: 29.963 min Scan# 4524
Delta R.T. 0.009 min
Lab File: BG053582.D
Acq: 17 May 2022 13:45

Tgt Ion:276 Resp: 482398
Ion Ratio Lower Upper
276 100
277 23.3 17.3 25.9
138 11.1 9.6 14.4

