

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032422\
 Data File : BG052811.D
 Acq On : 24 Mar 2022 16:22
 Operator : CG/JU
 Sample : PB143535BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB143535BS

Quant Time: Mar 24 17:03:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 16:48:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.145	152	40378	20.000	ng	0.00
21) Naphthalene-d8	10.953	136	159324	20.000	ng	0.00
39) Acenaphthene-d10	14.766	164	116536	20.000	ng	0.00
64) Phenanthrene-d10	17.503	188	275969	20.000	ng	0.00
76) Chrysene-d12	21.797	240	293160	20.000	ng	0.00
86) Perylene-d12	25.105	264	297710	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	309476	133.478	ng	0.00
7) Phenol-d6	7.294	99	440697	126.077	ng	0.00
23) Nitrobenzene-d5	9.303	82	305764	96.322	ng	0.00
42) 2,4,6-Tribromophenol	16.246	330	209387	133.714	ng	0.00
45) 2-Fluorobiphenyl	13.391	172	658579	83.348	ng	0.00
79) Terphenyl-d14	20.111	244	1345556	81.646	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.587	88	35743	30.818	ng	89
3) Pyridine	3.986	79	91326	30.718	ng	# 92
4) n-Nitrosodimethylamine	3.892	42	59294	44.957	ng	89
6) Aniline	7.458	93	152685	37.253	ng	97
8) 2-Chlorophenol	7.705	128	113435	46.562	ng	97
9) Benzaldehyde	7.270	77	74262	38.163	ng	100
10) Phenol	7.317	94	154266	44.708	ng	90
11) bis(2-Chloroethyl)ether	7.552	93	109333	41.958	ng	91
12) 1,3-Dichlorobenzene	8.181	146	119275	40.662	ng	95
13) 1,4-Dichlorobenzene	8.181	146	119275	40.471	ng	97
14) 1,2-Dichlorobenzene	8.498	146	115874	41.572	ng	95
15) Benzyl Alcohol	8.374	79	128101	43.525	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.668	45	180817	39.847	ng	97
17) 2-Methylphenol	8.574	107	102894	44.732	ng	96
18) Hexachloroethane	9.238	117	44918	41.540	ng	94
19) n-Nitroso-di-n-propyla...	8.950	70	104833	42.345	ng	# 96
20) 3+4-Methylphenols	8.903	107	143399	44.546	ng	93
22) Acetophenone	8.962	105	175252	42.505	ng	95
24) Nitrobenzene	9.344	77	157124	49.469	ng	# 89
25) Isophorone	9.872	82	282966	46.036	ng	98
26) 2-Nitrophenol	10.060	139	63419	57.497	ng	98
27) 2,4-Dimethylphenol	10.113	122	112177	49.712	ng	94
28) bis(2-Chloroethoxy)met...	10.348	93	152468	41.951	ng	99
29) 2,4-Dichlorophenol	10.595	162	120746	47.554	ng	99
30) 1,2,4-Trichlorobenzene	10.818	180	128295	42.831	ng	96
31) Naphthalene	11.006	128	342813	41.609	ng	98
32) Benzoic acid	10.242	122	74086	44.660	ng	94
33) 4-Chloroaniline	11.106	127	68346	19.572	ng	96
34) Hexachlorobutadiene	11.294	225	91513	42.611	ng	99
35) Caprolactam	11.870	113	22850	32.957	ng	92
36) 4-Chloro-3-methylphenol	12.216	107	133428	45.252	ng	96
37) 2-Methylnaphthalene	12.604	142	250453	41.509	ng	95
38) 1-Methylnaphthalene	12.821	142	240077	40.770	ng	96
40) 1,2,4,5-Tetrachloroben...	12.968	216	155861	42.809	ng	# 97
41) Hexachlorocyclopentadiene	12.951	237	223267	103.455	ng	97
43) 2,4,6-Trichlorophenol	13.197	196	111852	47.973	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032422\
 Data File : BG052811.D
 Acq On : 24 Mar 2022 16:22
 Operator : CG/JU
 Sample : PB143535BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB143535BS

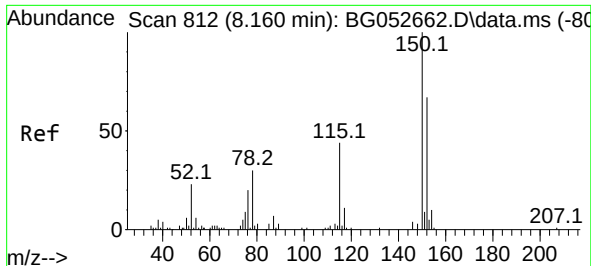
Quant Time: Mar 24 17:03:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 16:48:57 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.268	196	117360	49.591	ng	95
46) 1,1'-Biphenyl	13.603	154	341024	41.845	ng	99
47) 2-Chloronaphthalene	13.644	162	269505	41.991	ng	97
48) 2-Nitroaniline	13.838	65	98510	56.122	ng	91
49) Acenaphthylene	14.490	152	452179	44.197	ng	98
50) Dimethylphthalate	14.214	163	356592	41.172	ng	99
51) 2,6-Dinitrotoluene	14.325	165	78829	53.907	ng	# 85
52) Acenaphthene	14.830	154	322972	49.275	ng	96
53) 3-Nitroaniline	14.654	138	56042	32.751	ng	83
54) 2,4-Dinitrophenol	14.860	184	97981	122.923	ng	# 83
55) Dibenzofuran	15.159	168	428235	40.008	ng	98
56) 4-Nitrophenol	14.954	139	139565	99.989	ng	# 80
57) 2,4-Dinitrotoluene	15.112	165	110380	54.402	ng	# 84
58) Fluorene	15.811	166	352854	40.441	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.383	232	112244	44.374	ng	98
60) Diethylphthalate	15.571	149	370299	40.503	ng	100
61) 4-Chlorophenyl-phenyle...	15.794	204	197018	40.945	ng	98
62) 4-Nitroaniline	15.817	138	82544	45.653	ng	85
63) Azobenzene	16.088	77	383586	39.255	ng	98
65) 4,6-Dinitro-2-methylph...	15.876	198	64970	52.808	ng	95
66) n-Nitrosodiphenylamine	16.005	169	315665	40.629	ng	99
67) 4-Bromophenyl-phenylether	16.693	248	138841	41.730	ng	98
68) Hexachlorobenzene	16.816	284	154026	43.069	ng	95
69) Atrazine	16.951	200	136222	47.550	ng	98
70) Pentachlorophenol	17.157	266	199361	89.856	ng	92
71) Phenanthrene	17.550	178	608294	41.202	ng	99
72) Anthracene	17.638	178	615142	42.148	ng	99
73) Carbazole	17.903	167	577644	39.963	ng	99
74) Di-n-butylphthalate	18.461	149	675007	42.747	ng	97
75) Fluoranthene	19.553	202	809404	43.190	ng	99
77) Benzidine	19.724	184	383929	50.776	ng	99
78) Pyrene	19.918	202	816334	40.143	ng	98
80) Butylbenzylphthalate	20.793	149	315300	43.709	ng	97
81) Benzo(a)anthracene	21.774	228	825394	42.047	ng	98
82) 3,3'-Dichlorobenzidine	21.680	252	203297	29.327	ng	99
83) Chrysene	21.844	228	752377	40.769	ng	99
84) Bis(2-ethylhexyl)phtha...	21.674	149	434194	44.260	ng	97
85) Di-n-octyl phthalate	22.919	149	733399	44.907	ng	96
87) Indeno(1,2,3-cd)pyrene	28.894	276	896539	43.997	ng	# 80
88) Benzo(b)fluoranthene	24.053	252	842043	45.553	ng	99
89) Benzo(k)fluoranthene	24.124	252	808058	44.431	ng	99
90) Benzo(a)pyrene	24.952	252	810872	51.823	ng	99
91) Dibenzo(a,h)anthracene	28.976	278	773591	46.072	ng	98
92) Benzo(g,h,i)perylene	30.092	276	768819	46.277	ng	99

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

Quant Time: Mar 24 17:03:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 16:48:57 2022
Response via : Initial Calibration

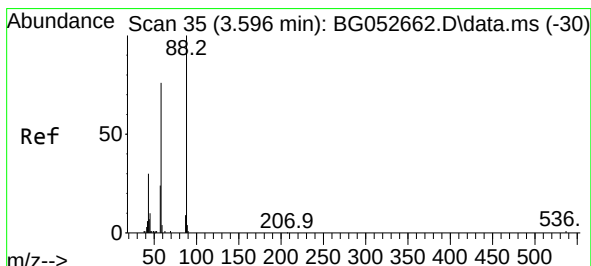
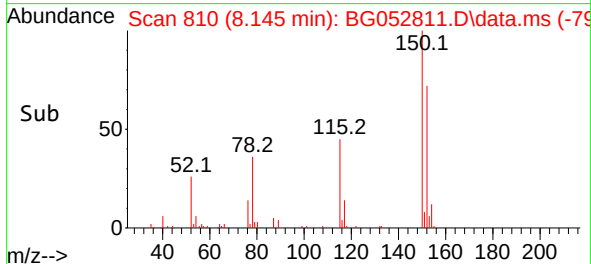
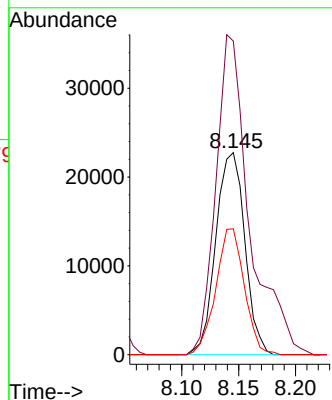
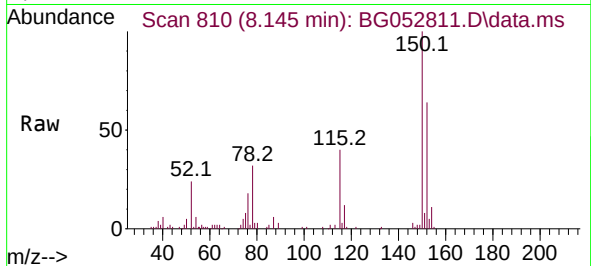




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.145 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

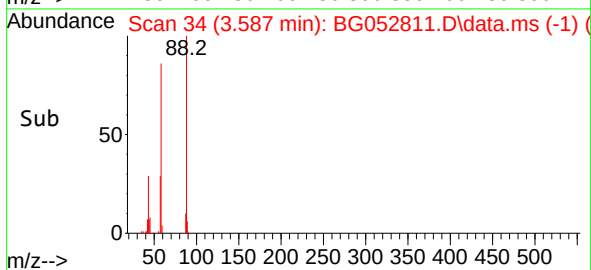
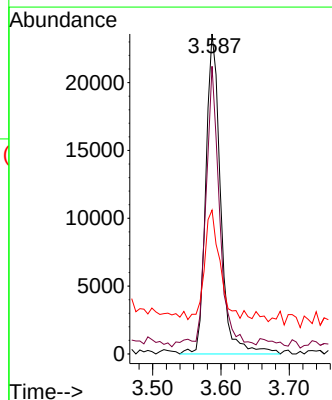
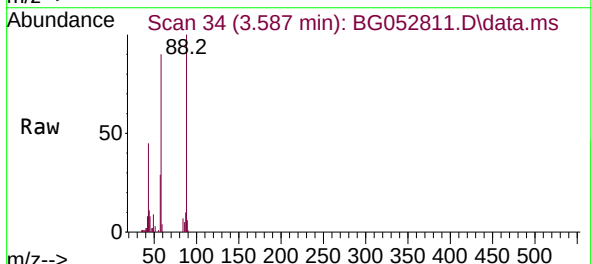
Instrument :
BNA_G
ClientSampleId :
PB143535BS

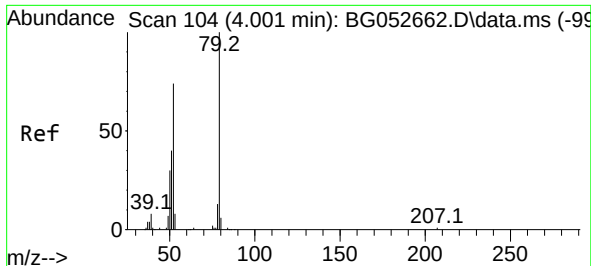
Tgt Ion:152 Resp: 40378
Ion Ratio Lower Upper
152 100
150 155.1 114.6 172.0
115 62.3 45.9 68.9



#2
1,4-Dioxane
Concen: 30.818 ng
RT: 3.587 min Scan# 34
Delta R.T. -0.007 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

Tgt Ion: 88 Resp: 35743
Ion Ratio Lower Upper
88 100
58 82.0 58.2 87.2
43 34.9 23.4 35.0

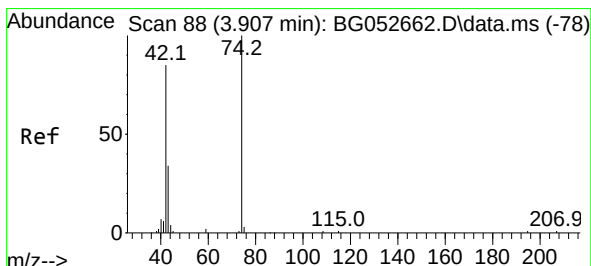
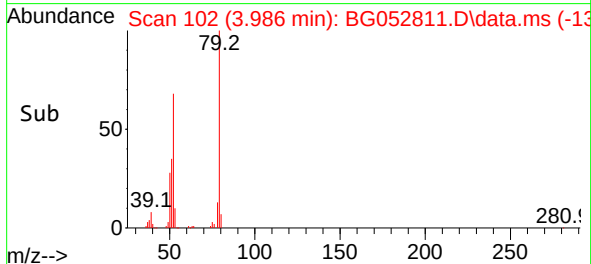
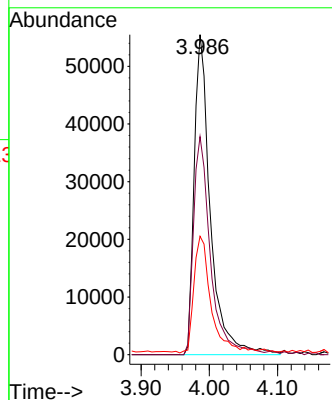
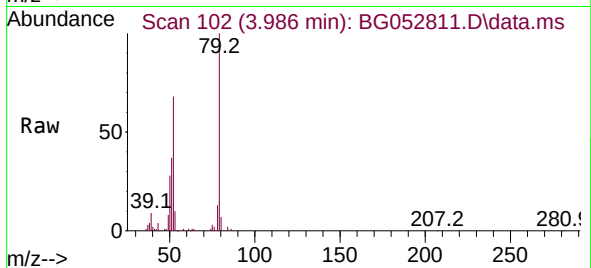




#3
Pyridine
Concen: 30.718 ng
RT: 3.986 min Scan# 104
Delta R.T. -0.007 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

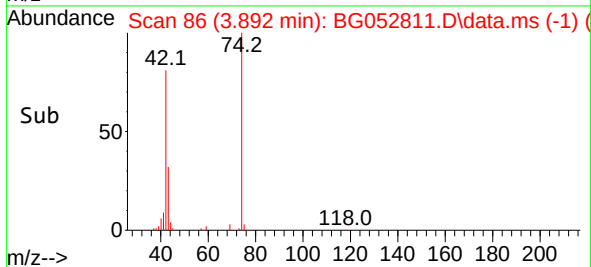
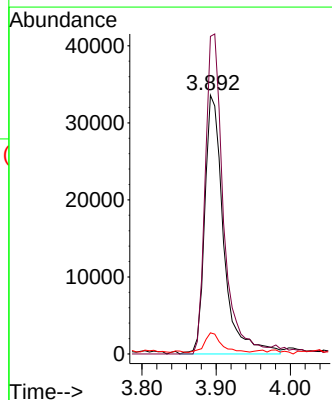
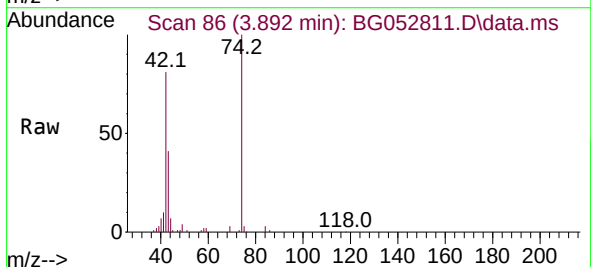
Instrument :
BNA_G
ClientSampleId :
PB143535BS

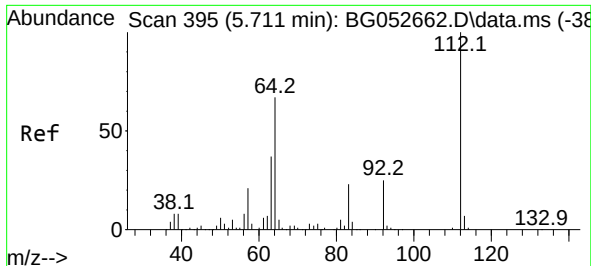
Tgt Ion: 79 Resp: 91326
Ion Ratio Lower Upper
79 100
52 68.2 50.9 76.3
51 37.0 24.4 36.6#



#4
n-Nitrosodimethylamine
Concen: 44.957 ng
RT: 3.892 min Scan# 86
Delta R.T. -0.007 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

Tgt Ion: 42 Resp: 59294
Ion Ratio Lower Upper
42 100
74 122.7 108.9 163.3
44 8.2 5.7 8.5

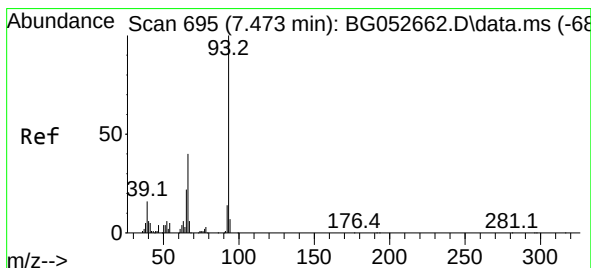
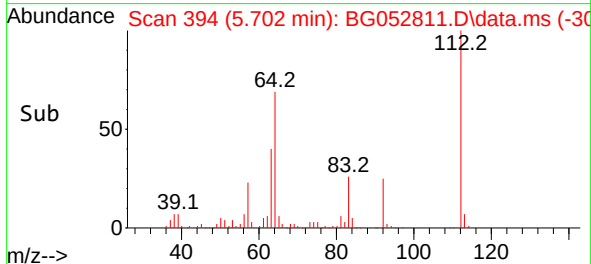
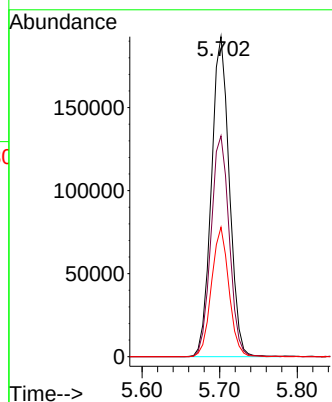
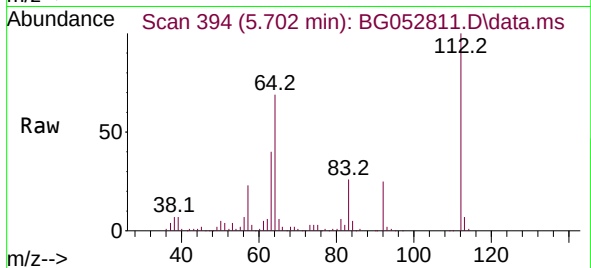




#5
2-Fluorophenol
Concen: 133.478 ng
RT: 5.702 min Scan# 394
Delta R.T. 0.005 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

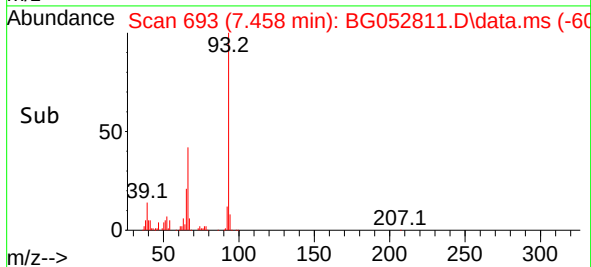
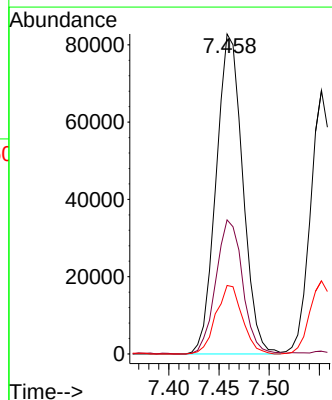
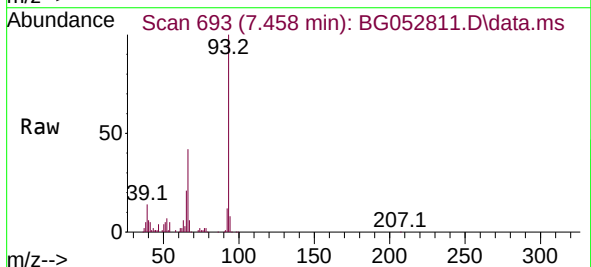
Instrument :
BNA_G
ClientSampleId :
PB143535BS

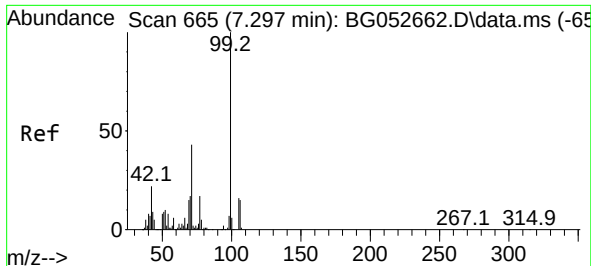
Tgt Ion:112 Resp: 309476
Ion Ratio Lower Upper
112 100
64 69.0 48.0 72.0
63 40.4 26.5 39.7#



#6
Aniline
Concen: 37.253 ng
RT: 7.458 min Scan# 693
Delta R.T. -0.001 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

Tgt Ion: 93 Resp: 152685
Ion Ratio Lower Upper
93 100
66 41.9 31.3 46.9
65 21.4 16.7 25.1

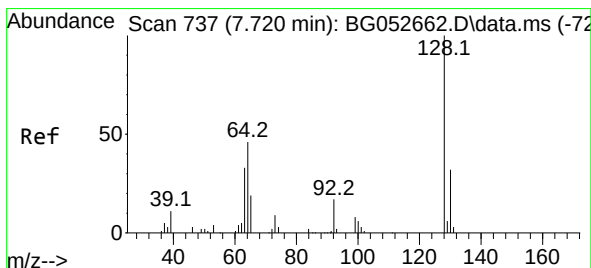
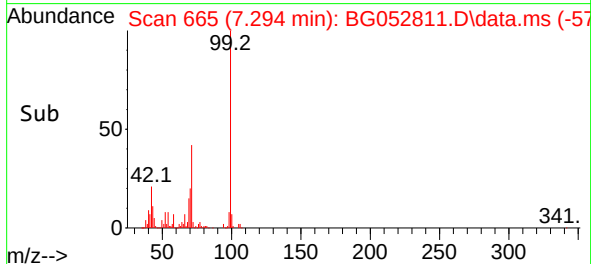
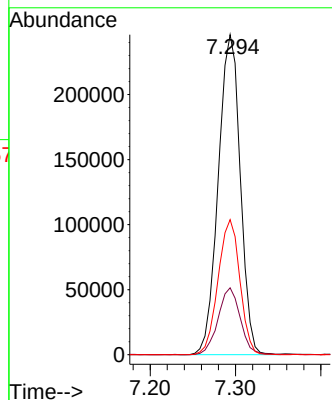
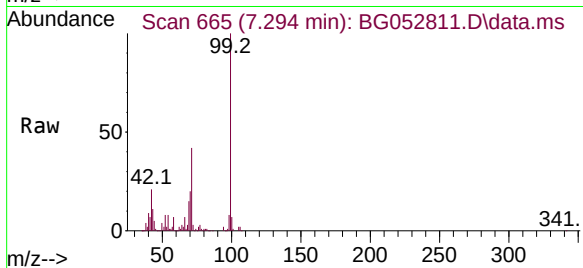




#7
Phenol-d6
Concen: 126.077 ng
RT: 7.294 min Scan# 60
Delta R.T. 0.005 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

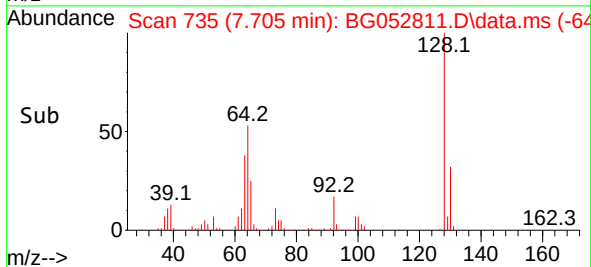
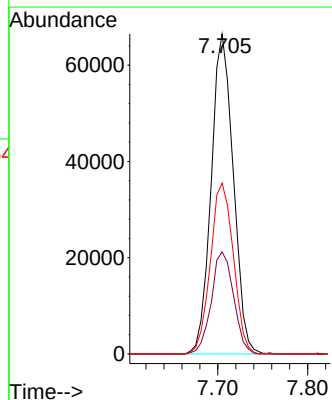
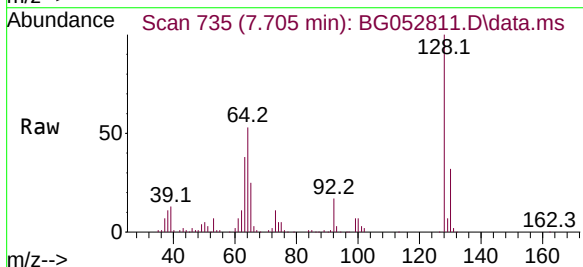
Instrument :
BNA_G
ClientSampleId :
PB143535BS

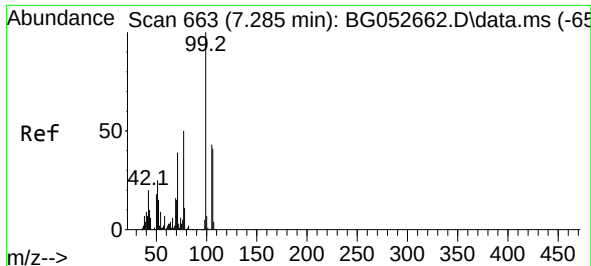
Tgt Ion: 99 Resp: 440697
Ion Ratio Lower Upper
99 100
42 20.9 14.7 22.1
71 42.2 29.2 43.8



#8
2-Chlorophenol
Concen: 46.562 ng
RT: 7.705 min Scan# 735
Delta R.T. -0.001 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

Tgt Ion:128 Resp: 113435
Ion Ratio Lower Upper
128 100
130 31.9 13.4 53.4
64 53.3 30.9 70.9

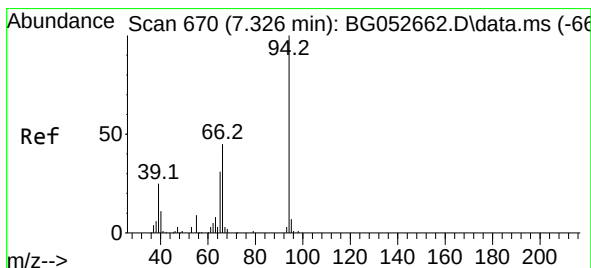
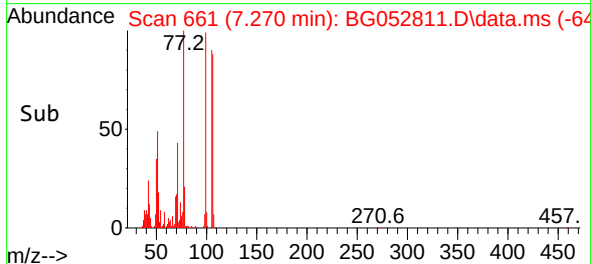
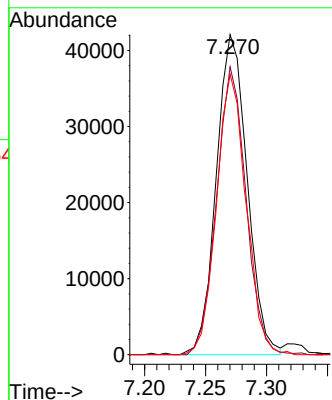
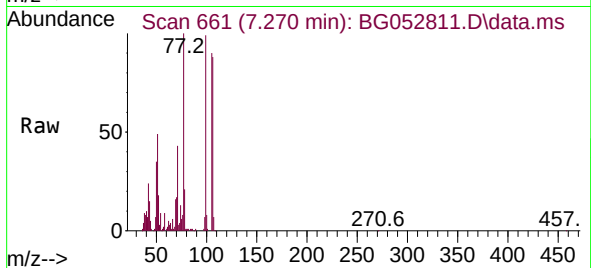




#9
Benzaldehyde
Concen: 38.163 ng
RT: 7.270 min Scan# 609
Delta R.T. -0.001 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

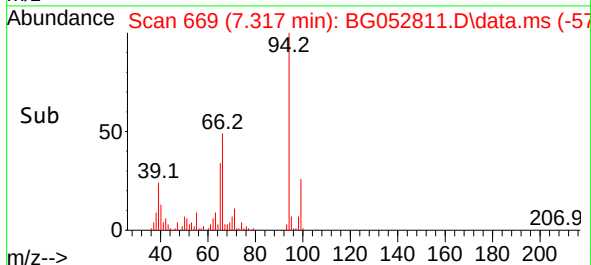
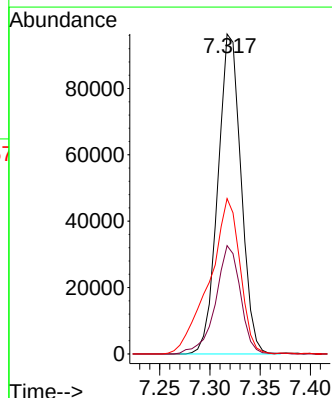
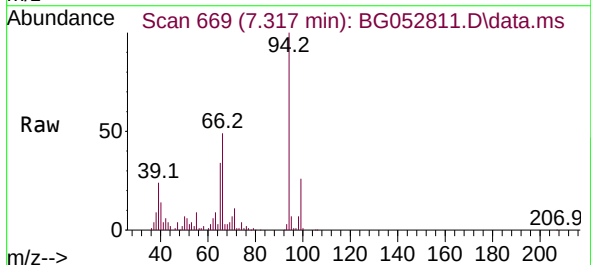
Instrument :
BNA_G
ClientSampleId :
PB143535BS

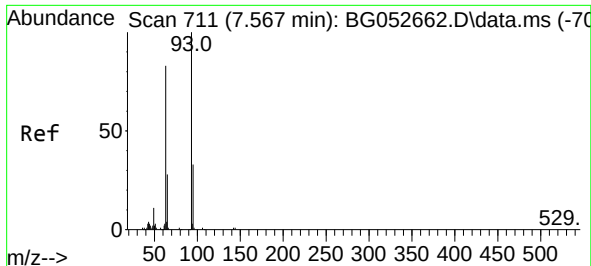
Tgt Ion: 77 Resp: 74262
Ion Ratio Lower Upper
77 100
105 90.0 70.6 110.6
106 87.6 67.6 107.6



#10
Phenol
Concen: 44.708 ng
RT: 7.317 min Scan# 669
Delta R.T. -0.001 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

Tgt Ion: 94 Resp: 154266
Ion Ratio Lower Upper
94 100
65 33.8 11.1 51.1
66 48.5 20.0 60.0

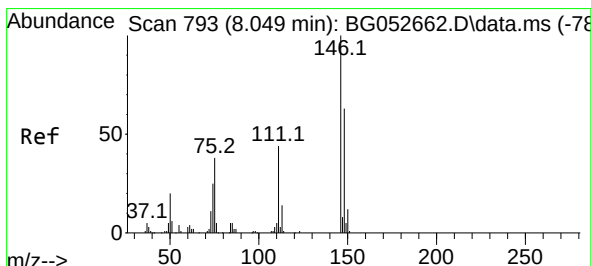
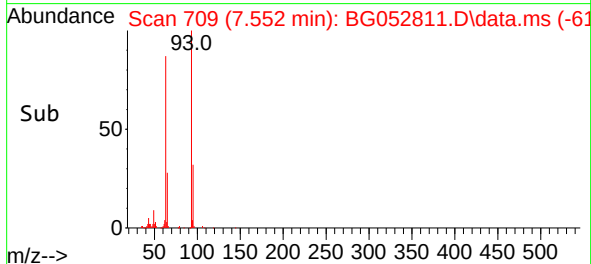
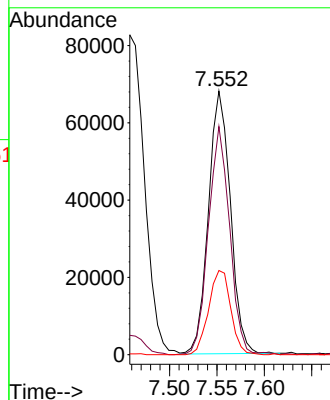
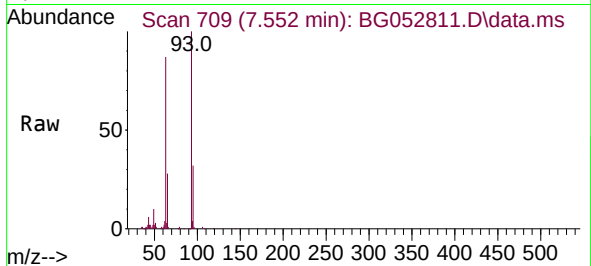




#11
bis(2-Chloroethyl)ether
Concen: 41.958 ng
RT: 7.552 min Scan# 709
Delta R.T. -0.001 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

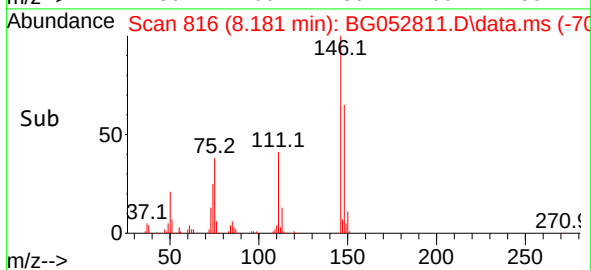
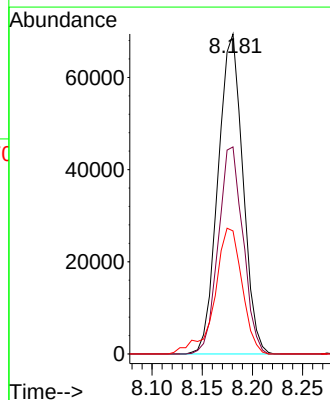
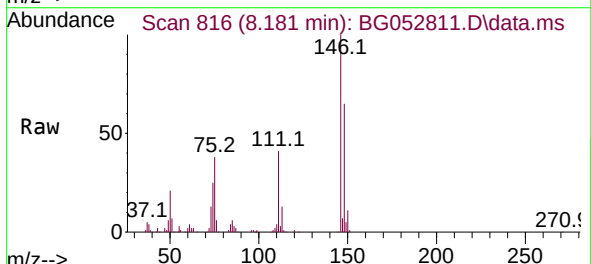
Instrument :
BNA_G
ClientSampleId :
PB143535BS

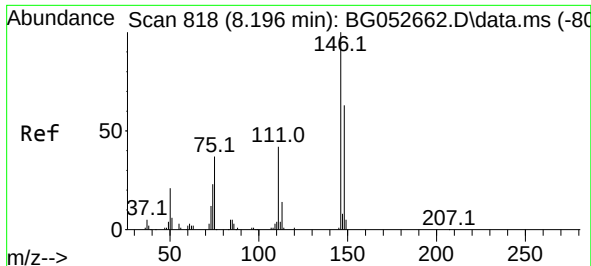
Tgt Ion: 93 Resp: 109333
Ion Ratio Lower Upper
93 100
63 86.6 56.9 96.9
95 31.9 14.5 54.5



#12
1,3-Dichlorobenzene
Concen: 40.662 ng
RT: 8.181 min Scan# 816
Delta R.T. 0.146 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

Tgt Ion:146 Resp: 119275
Ion Ratio Lower Upper
146 100
148 64.7 50.6 76.0
75 38.5 25.9 38.9

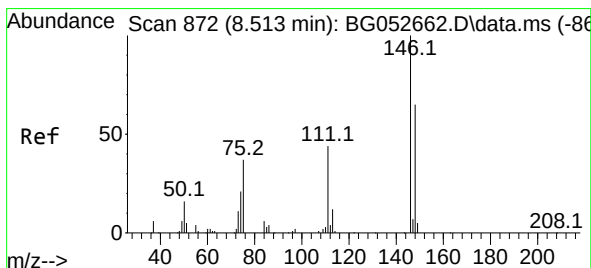
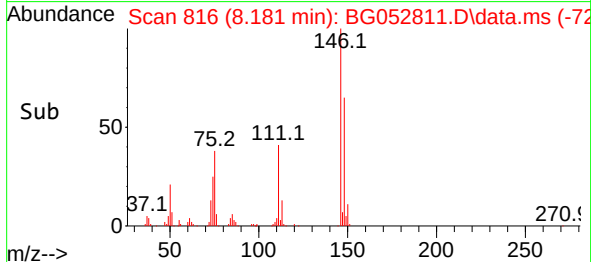
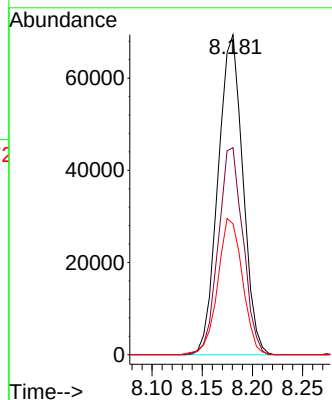
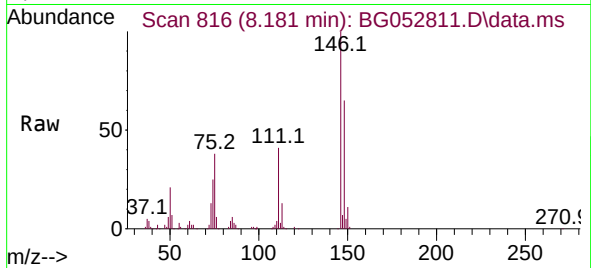




#13
1,4-Dichlorobenzene
Concen: 40.471 ng
RT: 8.181 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

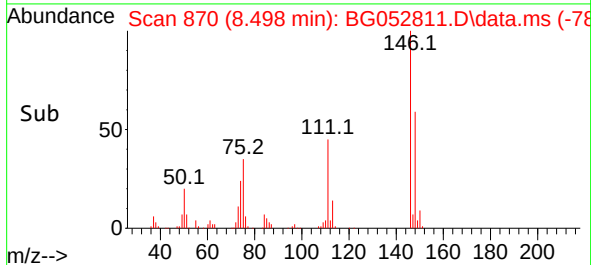
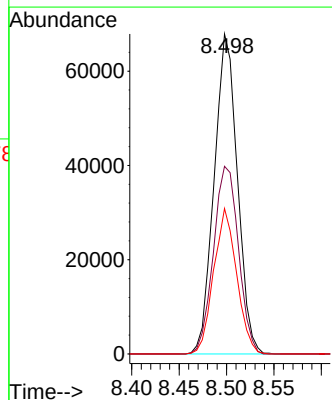
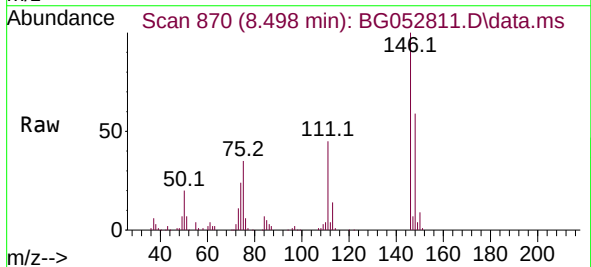
Instrument :
BNA_G
ClientSampleId :
PB143535BS

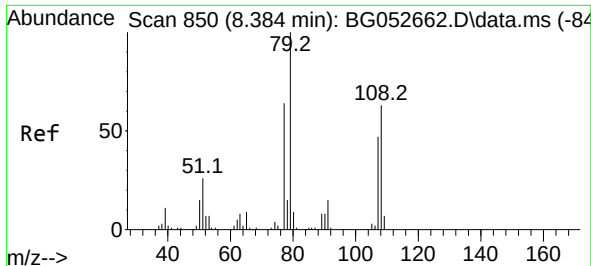
Tgt Ion:146 Resp: 119275
Ion Ratio Lower Upper
146 100
148 64.7 50.0 75.0
111 40.9 31.0 46.4



#14
1,2-Dichlorobenzene
Concen: 41.572 ng
RT: 8.498 min Scan# 870
Delta R.T. -0.001 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

Tgt Ion:146 Resp: 115874
Ion Ratio Lower Upper
146 100
148 58.7 51.0 76.6
111 45.4 34.7 52.1

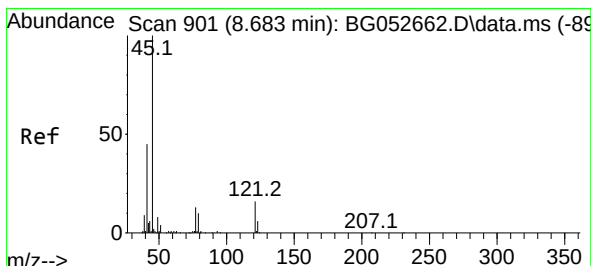
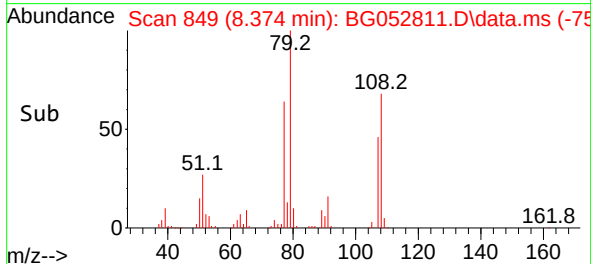
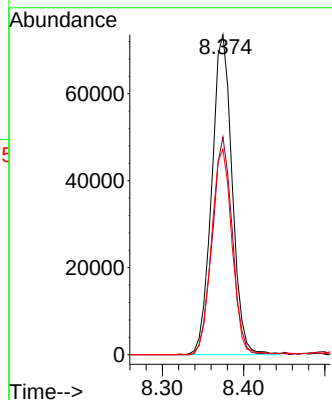
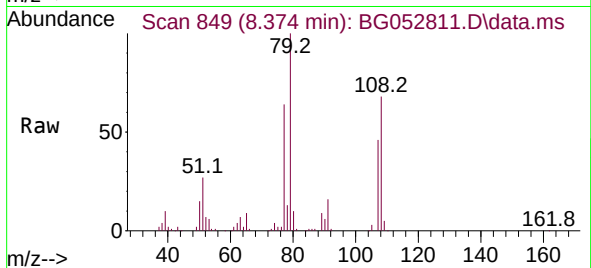




#15
Benzyl Alcohol
Concen: 43.525 ng
RT: 8.374 min Scan# 84
Delta R.T. 0.005 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

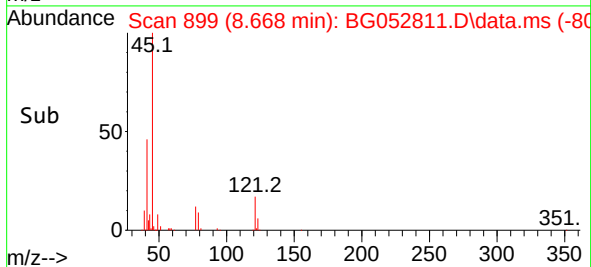
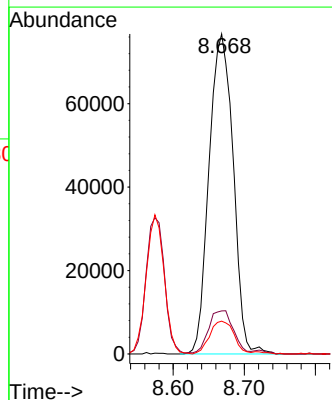
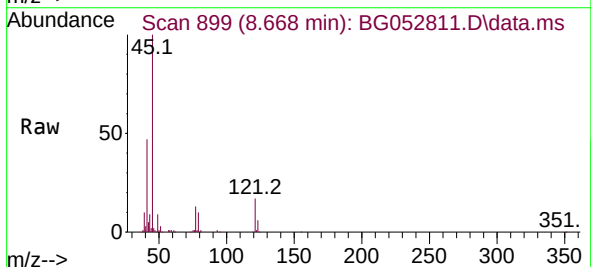
Instrument :
BNA_G
ClientSampleId :
PB143535BS

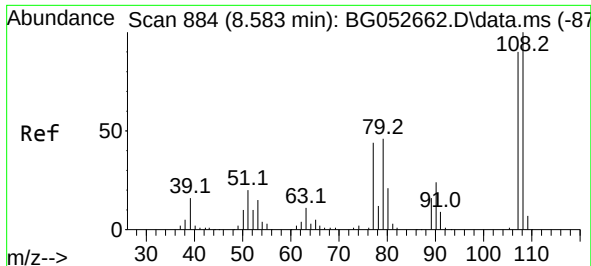
Tgt Ion: 79 Resp: 128101
Ion Ratio Lower Upper
79 100
108 68.0 55.1 82.7
77 64.1 52.4 78.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.847 ng
RT: 8.668 min Scan# 899
Delta R.T. -0.001 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

Tgt Ion: 45 Resp: 180817
Ion Ratio Lower Upper
45 100
77 13.4 0.0 34.9
79 10.2 0.0 30.7





#17

2-Methylphenol

Concen: 44.732 ng

RT: 8.574 min Scan# 81

Delta R.T. -0.001 min

Lab File: BG052811.D

Acq: 24 Mar 2022 16:22

Instrument :

BNA_G

ClientSampleId :

PB143535BS

Tgt Ion:107 Resp: 102894

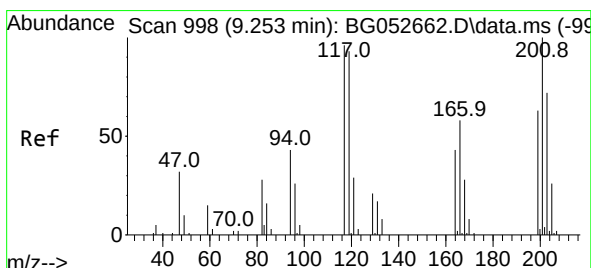
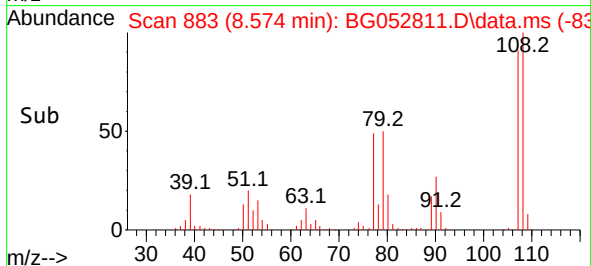
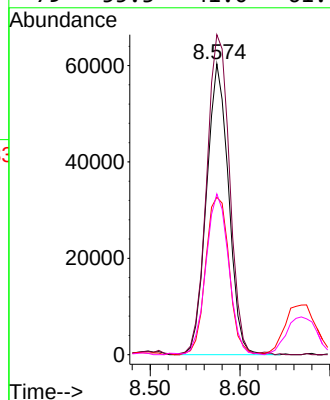
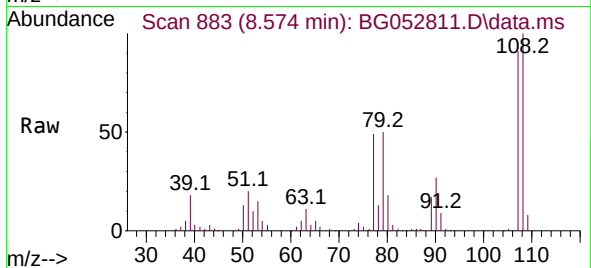
Ion Ratio Lower Upper

107 100

108 110.0 91.5 137.3

77 54.1 42.5 63.7

79 55.3 41.0 61.4



#18

Hexachloroethane

Concen: 41.540 ng

RT: 9.238 min Scan# 996

Delta R.T. 0.005 min

Lab File: BG052811.D

Acq: 24 Mar 2022 16:22

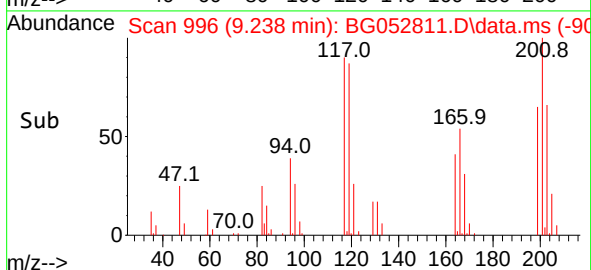
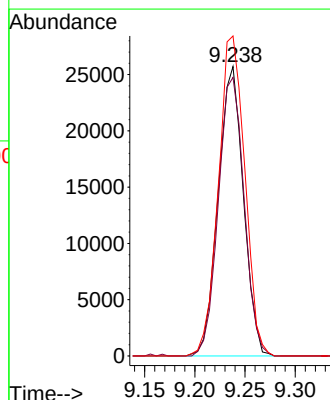
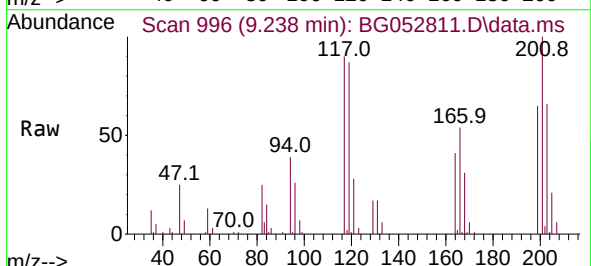
Tgt Ion:117 Resp: 44918

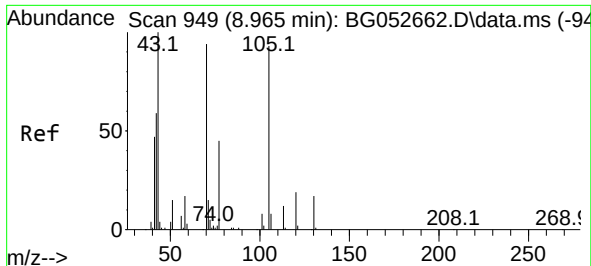
Ion Ratio Lower Upper

117 100

119 96.2 75.1 112.7

201 110.5 96.6 145.0

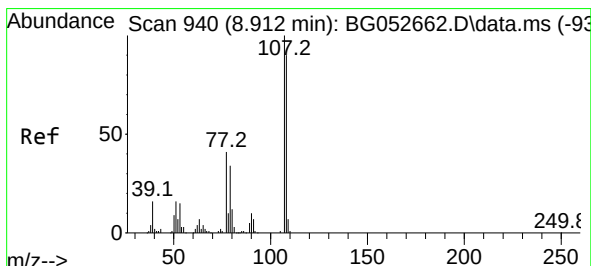
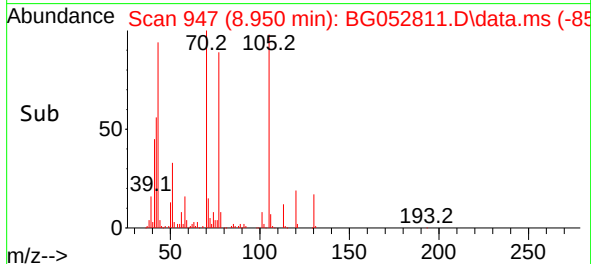
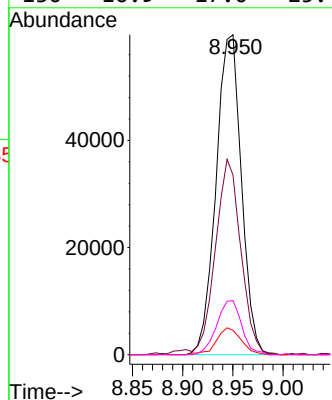
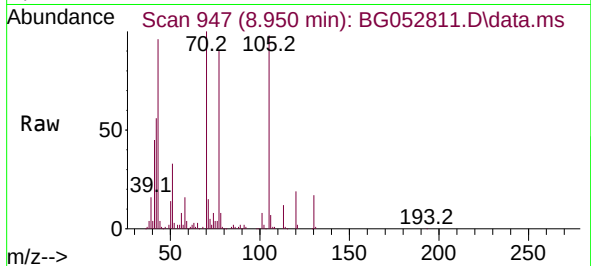




#19
n-Nitroso-di-n-propylamine
Concen: 42.345 ng
RT: 8.950 min Scan# 947
Delta R.T. 0.005 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

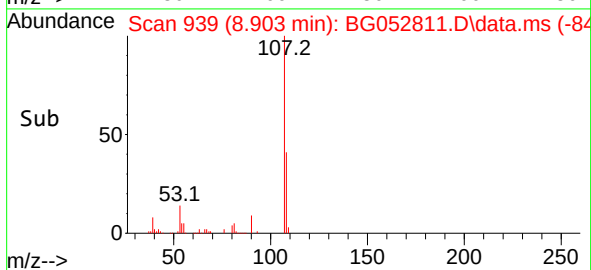
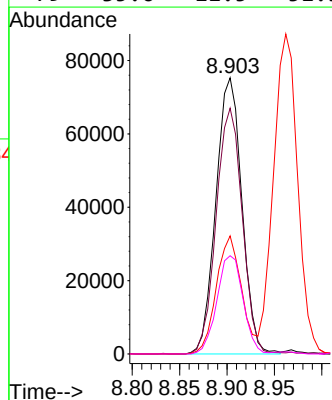
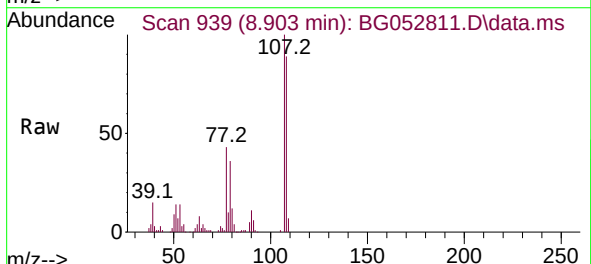
Instrument :
BNA_G
ClientSampleId :
PB143535BS

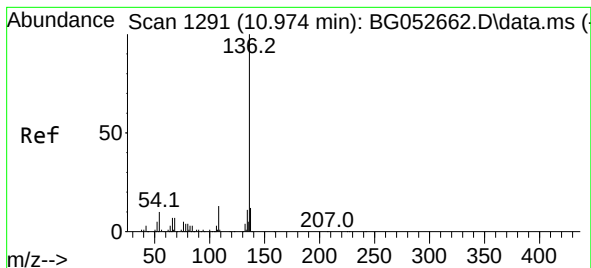
Tgt Ion: 70 Resp: 104833
Ion Ratio Lower Upper
70 100
42 56.1 46.0 69.0
101 7.6 6.2 9.4
130 16.9 17.0 25.4#



#20
3+4-Methylphenols
Concen: 44.546 ng
RT: 8.903 min Scan# 939
Delta R.T. -0.001 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

Tgt Ion: 107 Resp: 143399
Ion Ratio Lower Upper
107 100
108 89.0 64.8 104.8
77 42.8 15.9 55.9
79 35.6 11.5 51.5

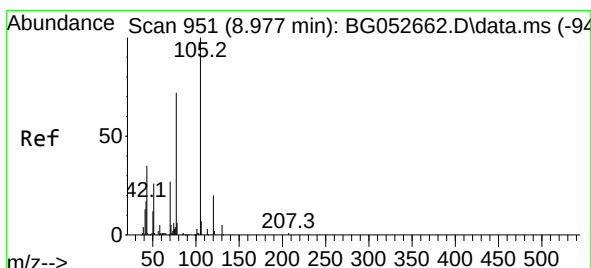
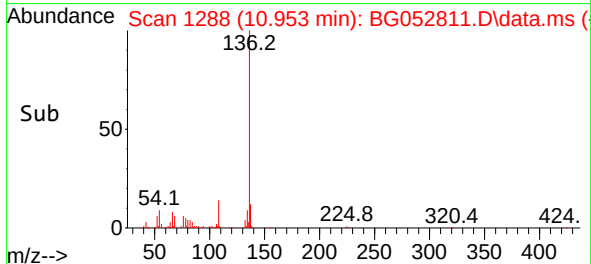
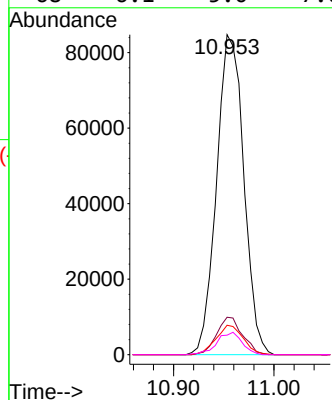
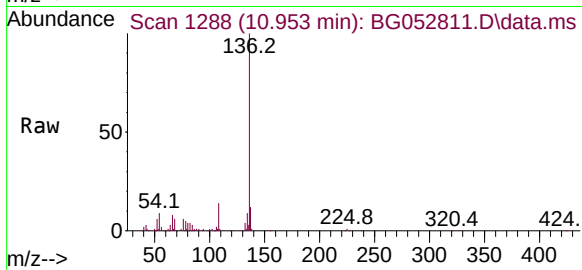




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.953 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

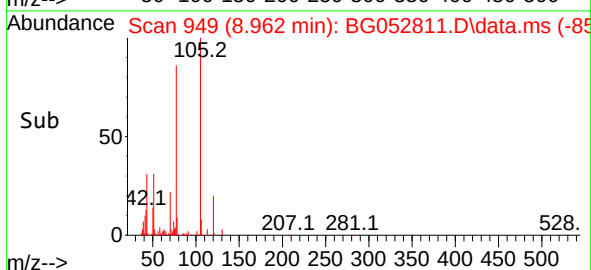
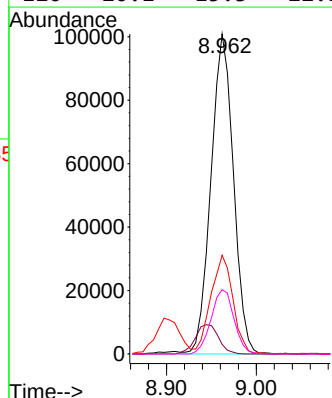
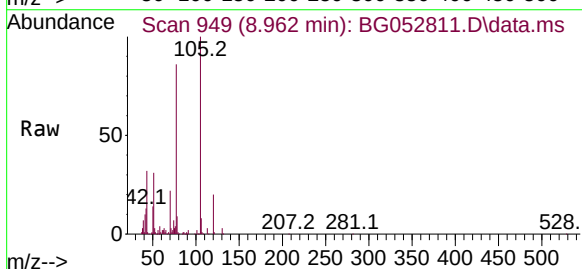
Instrument :
BNA_G
ClientSampleId :
PB143535BS

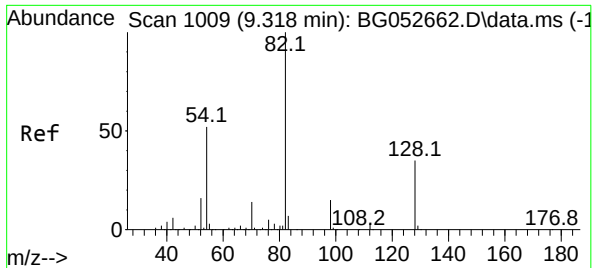
Tgt Ion:136 Resp: 159324
Ion Ratio Lower Upper
136 100
137 11.7 9.4 14.2
54 9.2 6.4 9.6
68 6.1 5.0 7.6



#22
Acetophenone
Concen: 42.505 ng
RT: 8.962 min Scan# 949
Delta R.T. -0.001 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

Tgt Ion:105 Resp: 175252
Ion Ratio Lower Upper
105 100
71 3.0 2.1 3.1
51 30.8 21.9 32.9
120 20.1 15.3 22.9

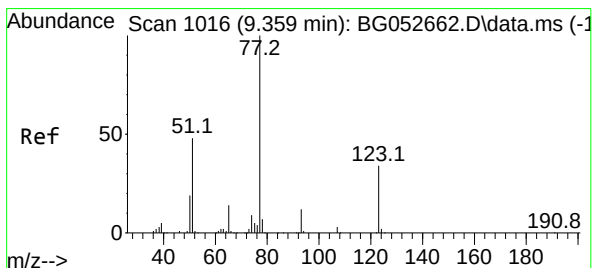
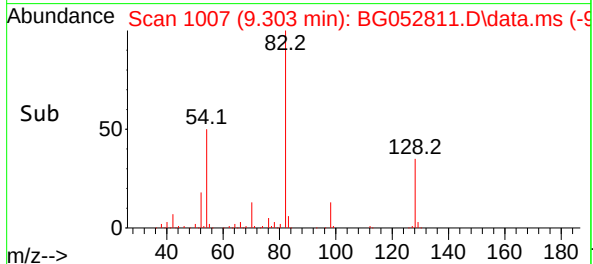
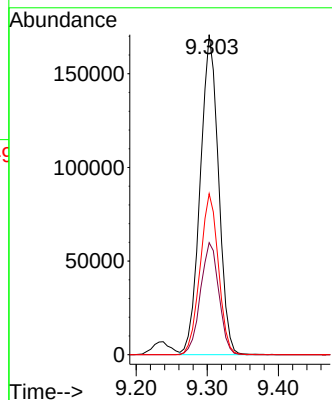
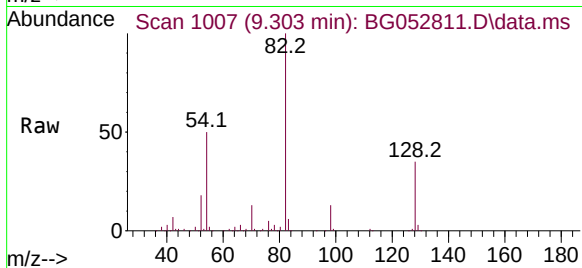




#23
Nitrobenzene-d5
Concen: 96.322 ng
RT: 9.303 min Scan# 1010
Delta R.T. -0.001 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

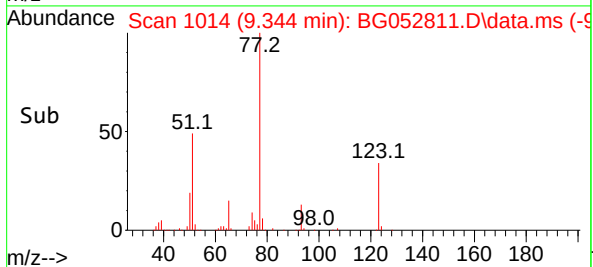
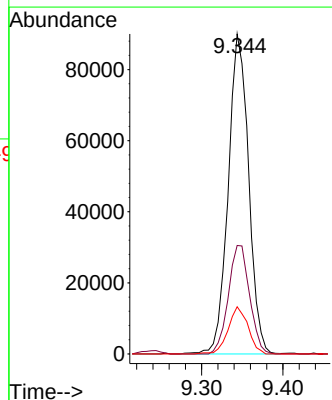
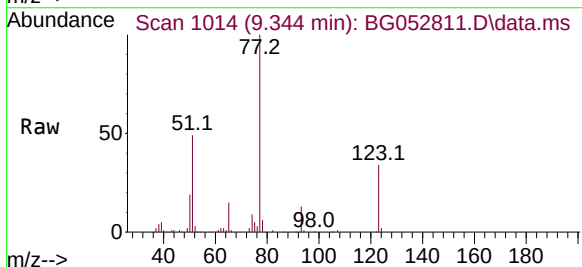
Instrument :
BNA_G
ClientSampleId :
PB143535BS

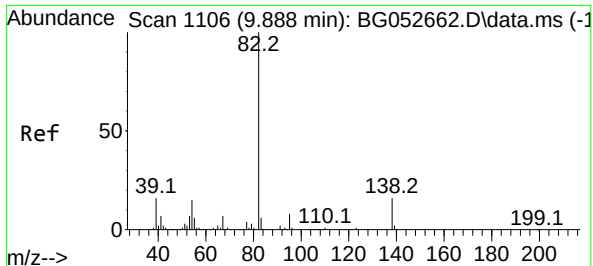
Tgt Ion: 82 Resp: 305764
Ion Ratio Lower Upper
82 100
128 35.0 31.3 46.9
54 50.3 37.8 56.8



#24
Nitrobenzene
Concen: 49.469 ng
RT: 9.344 min Scan# 1014
Delta R.T. -0.001 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

Tgt Ion: 77 Resp: 157124
Ion Ratio Lower Upper
77 100
123 33.9 34.4 51.6#
65 14.8 11.2 16.8

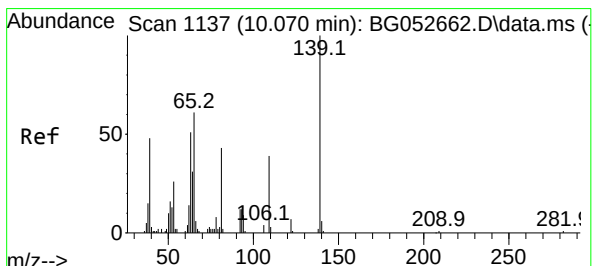
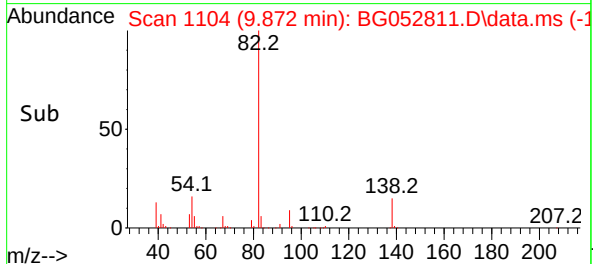
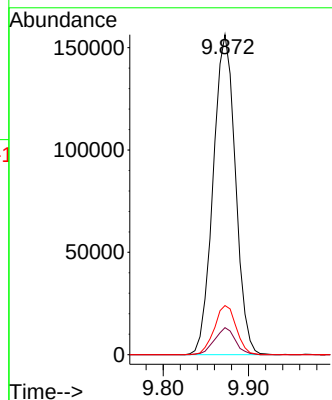
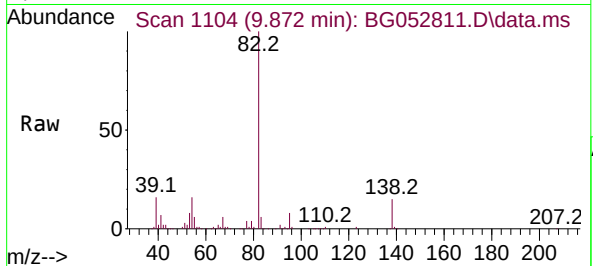




#25
Isophorone
Concen: 46.036 ng
RT: 9.872 min Scan# 1104
Delta R.T. -0.001 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

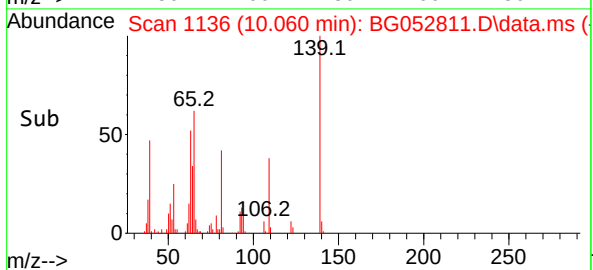
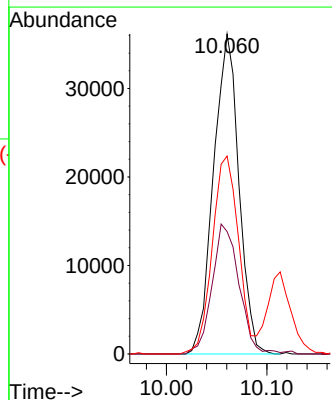
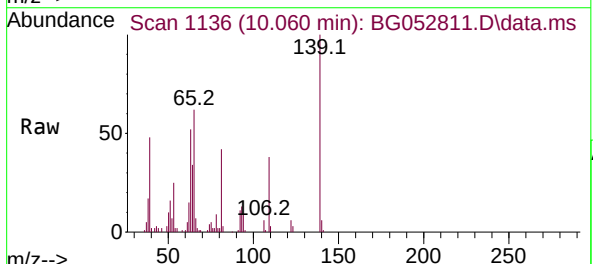
Instrument :
BNA_G
ClientSampleId :
PB143535BS

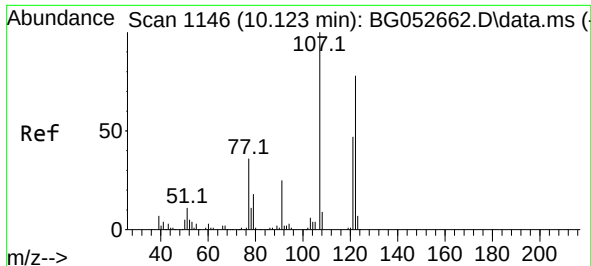
Tgt Ion: 82 Resp: 282966
Ion Ratio Lower Upper
82 100
95 8.5 5.8 8.6
138 15.3 12.6 18.8



#26
2-Nitrophenol
Concen: 57.497 ng
RT: 10.060 min Scan# 1136
Delta R.T. -0.001 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

Tgt Ion: 139 Resp: 63419
Ion Ratio Lower Upper
139 100
109 38.2 29.4 44.0
65 61.8 48.2 72.2





#27

2,4-Dimethylphenol

Concen: 49.712 ng

RT: 10.113 min Scan# 1145

Delta R.T. -0.001 min

Lab File: BG052811.D

Acq: 24 Mar 2022 16:22

Instrument :

BNA_G

ClientSampleId :

PB143535BS

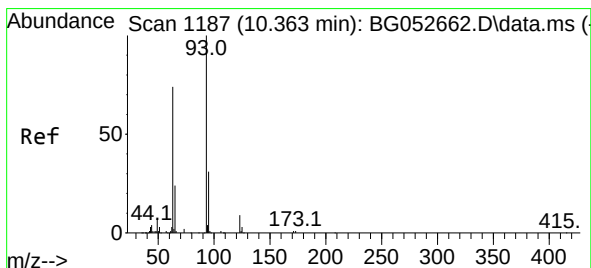
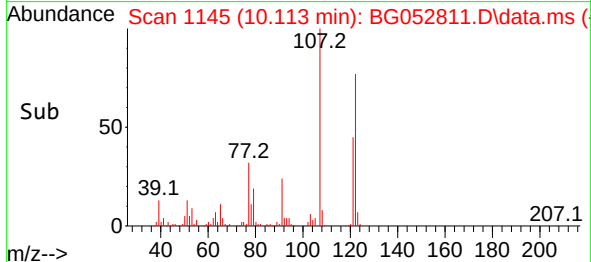
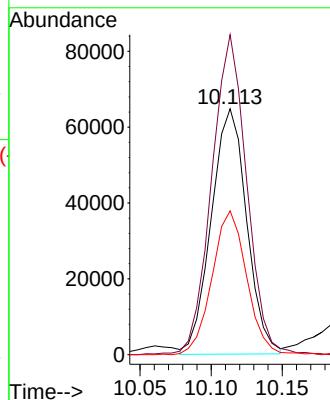
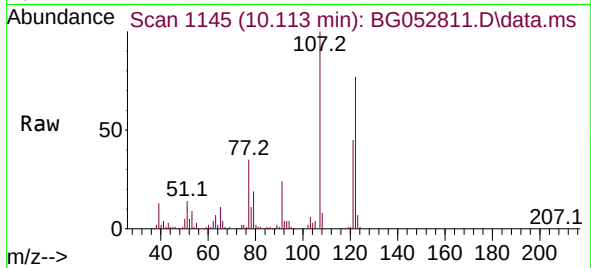
Tgt Ion:122 Resp: 112177

Ion Ratio Lower Upper

122 100

107 130.1 96.7 145.1

121 58.5 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 41.951 ng

RT: 10.348 min Scan# 1185

Delta R.T. -0.001 min

Lab File: BG052811.D

Acq: 24 Mar 2022 16:22

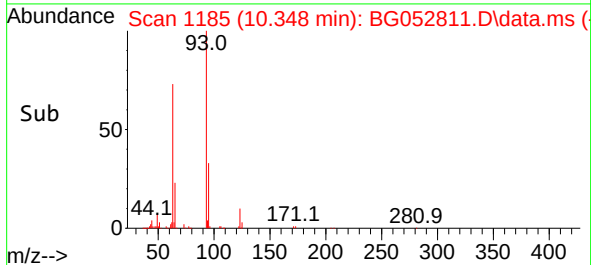
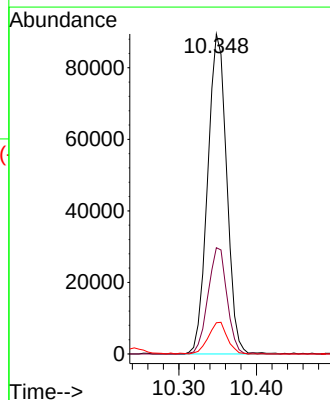
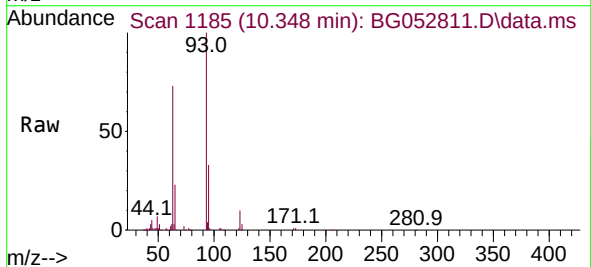
Tgt Ion: 93 Resp: 152468

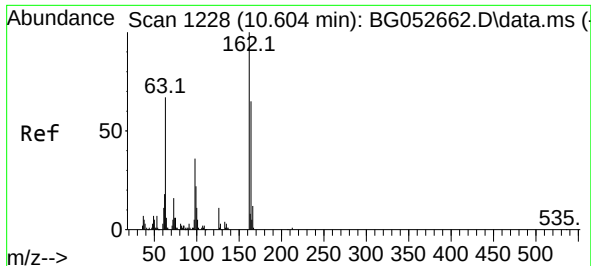
Ion Ratio Lower Upper

93 100

95 33.2 26.5 39.7

123 9.7 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 47.554 ng

RT: 10.595 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG052811.D

Acq: 24 Mar 2022 16:22

Instrument :

BNA_G

ClientSampleId :

PB143535BS

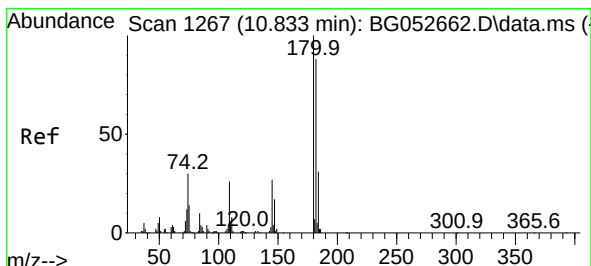
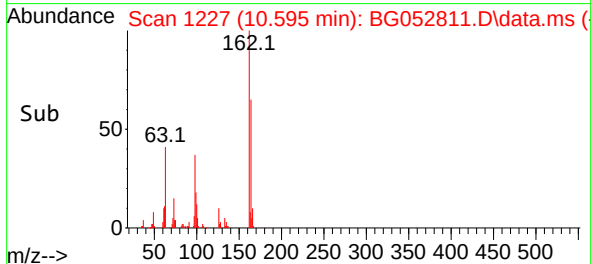
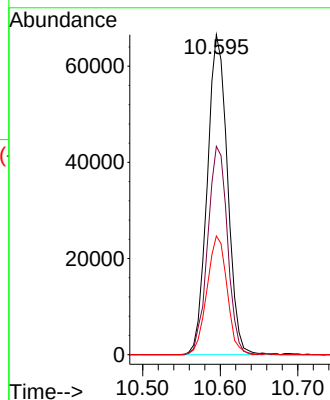
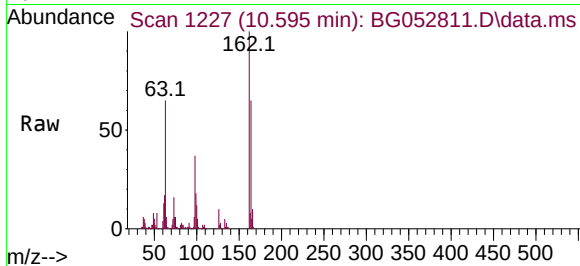
Tgt Ion:162 Resp: 120746

Ion Ratio Lower Upper

162 100

164 65.1 44.0 84.0

98 37.1 17.3 57.3



#30

1,2,4-Trichlorobenzene

Concen: 42.831 ng

RT: 10.818 min Scan# 1265

Delta R.T. -0.001 min

Lab File: BG052811.D

Acq: 24 Mar 2022 16:22

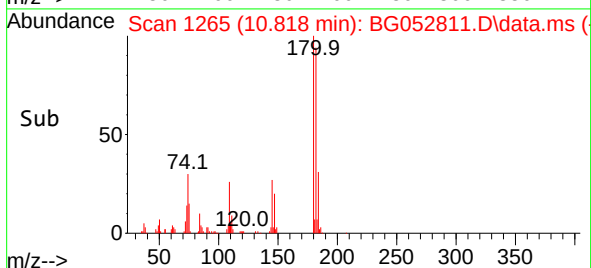
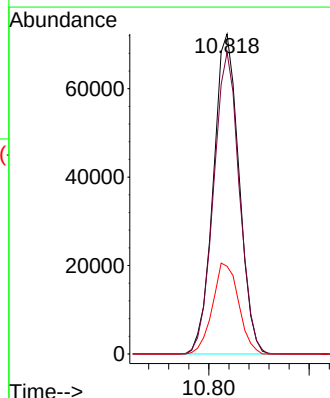
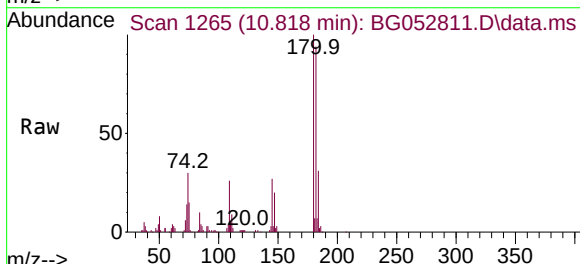
Tgt Ion:180 Resp: 128295

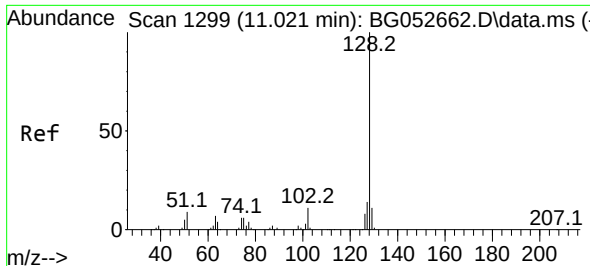
Ion Ratio Lower Upper

180 100

182 94.3 77.8 116.6

145 27.4 24.4 36.6

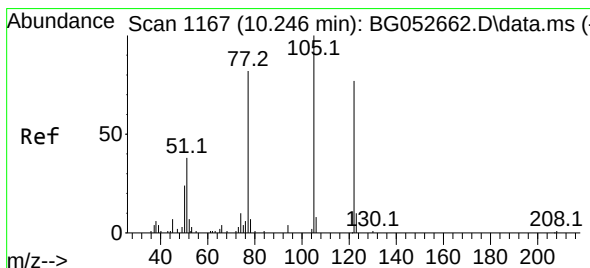
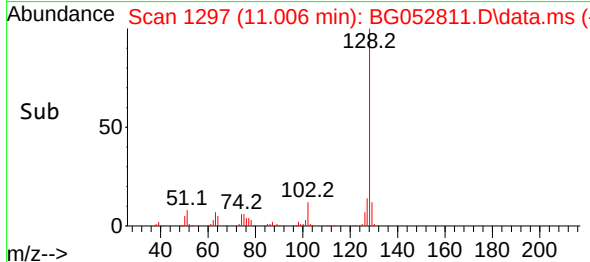
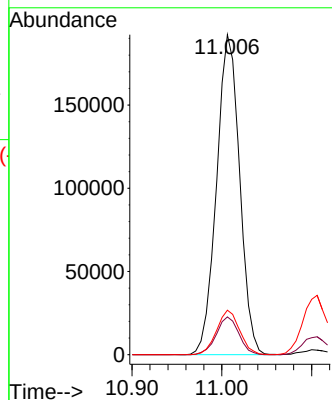
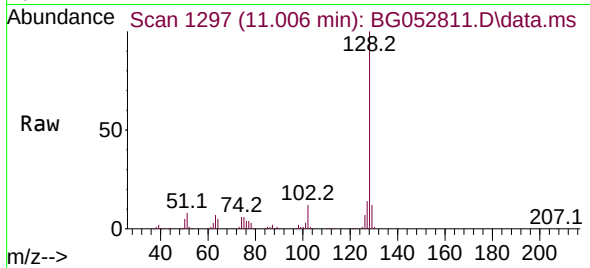




#31
Naphthalene
Concen: 41.609 ng
RT: 11.006 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

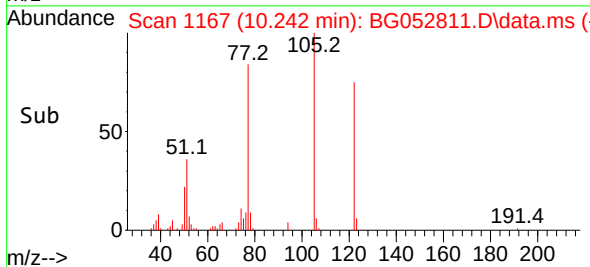
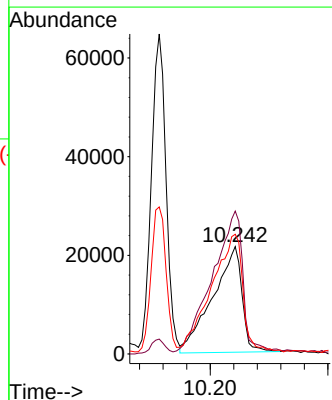
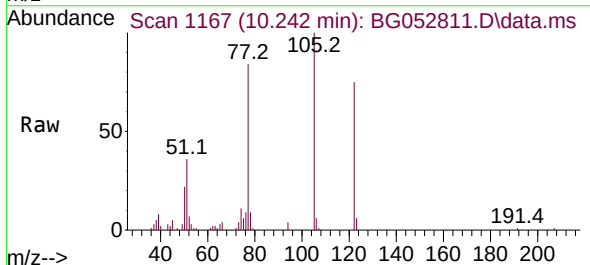
Instrument :
BNA_G
ClientSampleId :
PB143535BS

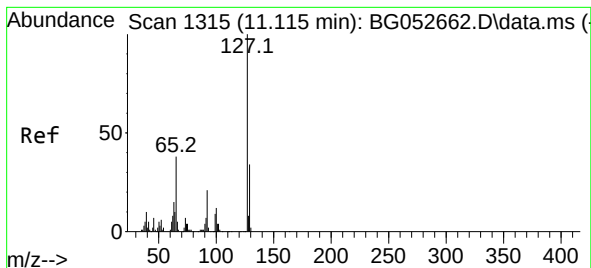
Tgt Ion:128 Resp: 342813
Ion Ratio Lower Upper
128 100
129 11.8 8.8 13.2
127 13.9 10.5 15.7



#32
Benzoic acid
Concen: 44.660 ng
RT: 10.242 min Scan# 1167
Delta R.T. 0.005 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

Tgt Ion:122 Resp: 74086
Ion Ratio Lower Upper
122 100
105 133.1 112.8 152.8
77 111.6 78.4 118.4

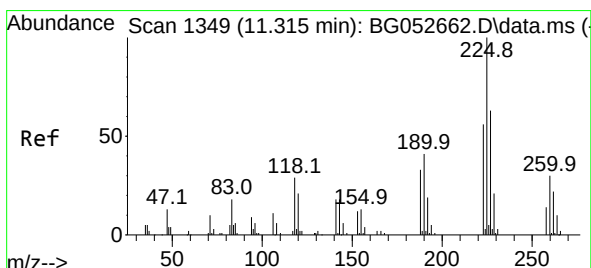
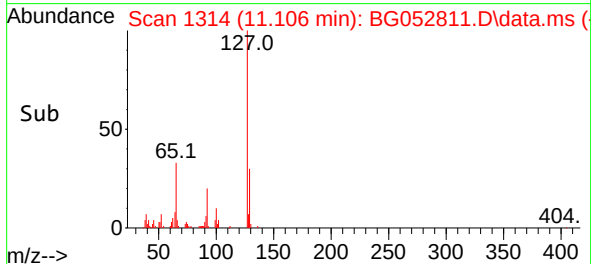
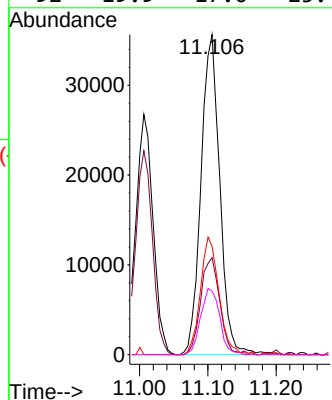
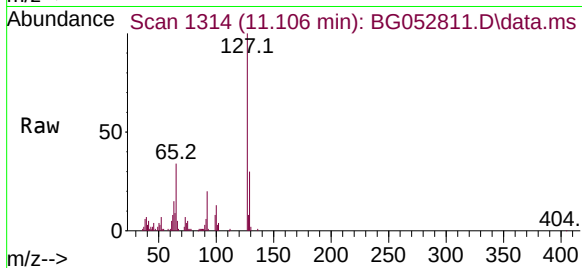




#33
4-Chloroaniline
Concen: 19.572 ng
RT: 11.106 min Scan# 111
Delta R.T. 0.005 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

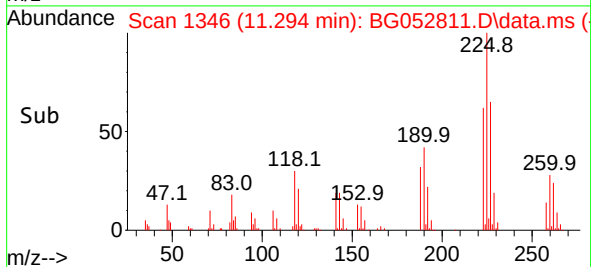
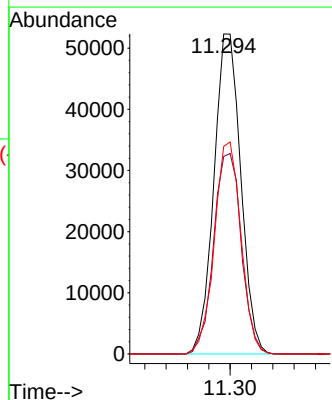
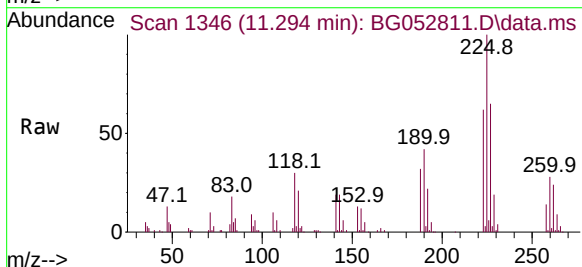
Instrument :
BNA_G
ClientSampleId :
PB143535BS

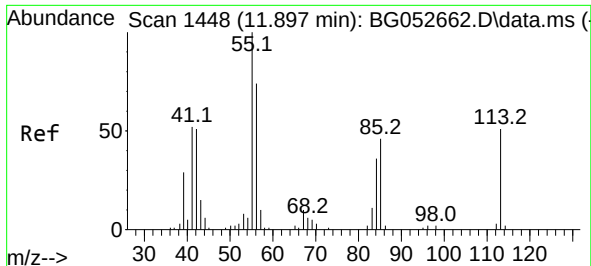
Tgt Ion:	127	Resp:	68346
Ion Ratio	Lower	Upper	
127	100		
129	30.3	27.6	41.4
65	33.9	28.2	42.4
92	19.9	17.0	25.4



#34
Hexachlorobutadiene
Concen: 42.611 ng
RT: 11.294 min Scan# 1346
Delta R.T. -0.007 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

Tgt Ion:	225	Resp:	91513
Ion Ratio	Lower	Upper	
225	100		
223	61.7	50.2	75.2
227	64.9	52.0	78.0

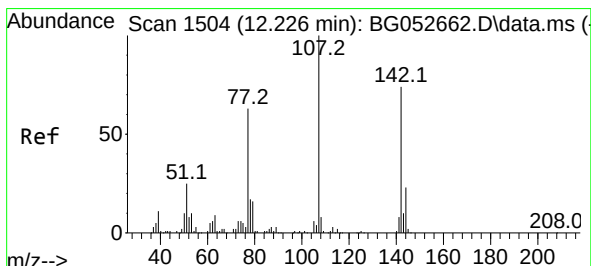
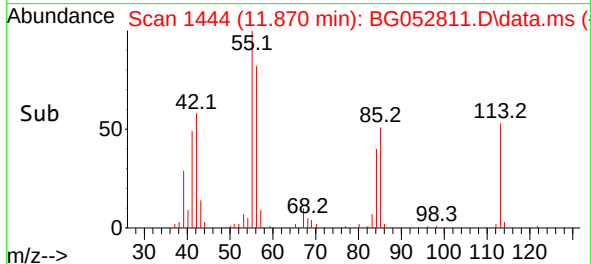
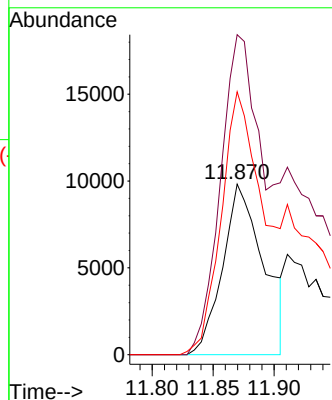
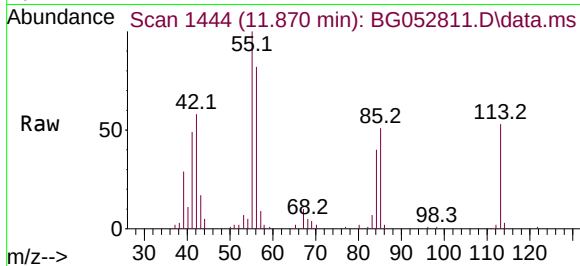




#35
 Caprolactam
 Concen: 32.957 ng
 RT: 11.870 min Scan# 14
 Delta R.T. -0.007 min
 Lab File: BG052811.D
 Acq: 24 Mar 2022 16:22

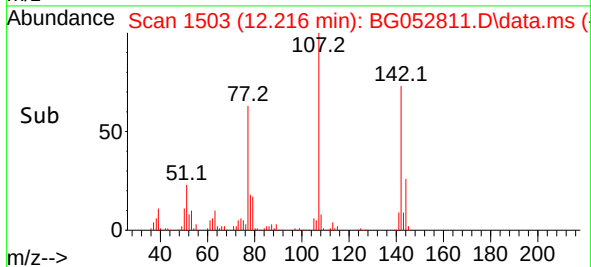
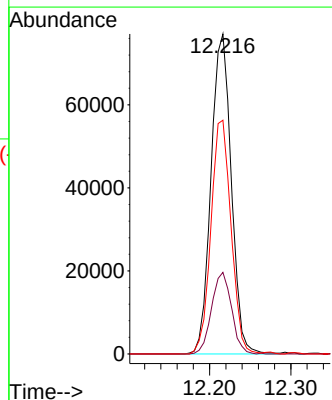
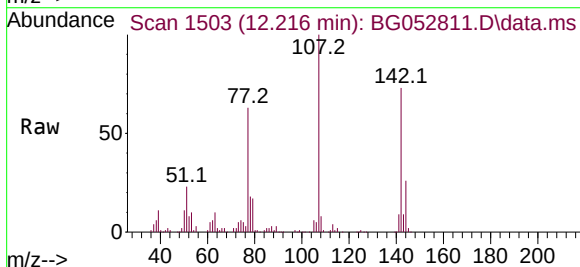
Instrument :
 BNA_G
 ClientSampleId :
 PB143535BS

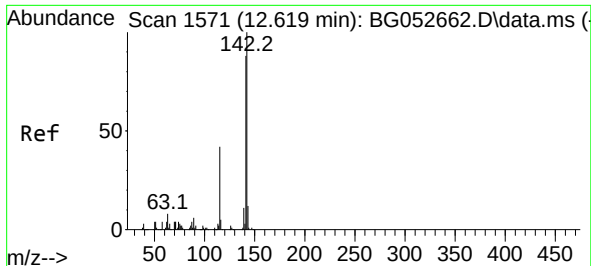
Tgt Ion:113 Resp: 22850
 Ion Ratio Lower Upper
 113 100
 55 187.6 151.3 191.3
 56 154.1 128.5 168.5



#36
 4-Chloro-3-methylphenol
 Concen: 45.252 ng
 RT: 12.216 min Scan# 1503
 Delta R.T. 0.005 min
 Lab File: BG052811.D
 Acq: 24 Mar 2022 16:22

Tgt Ion:107 Resp: 133428
 Ion Ratio Lower Upper
 107 100
 144 25.5 21.4 32.0
 142 73.0 61.7 92.5

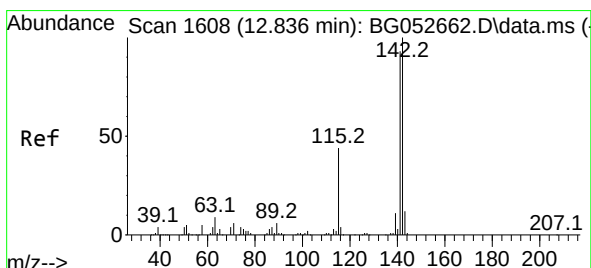
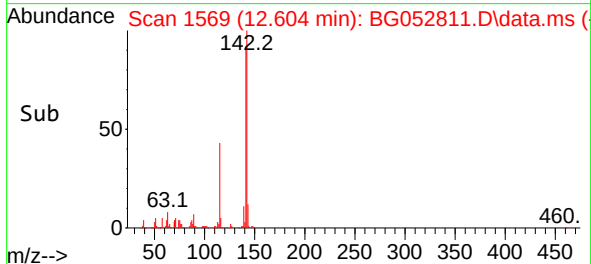
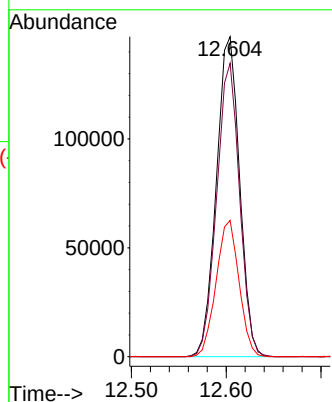
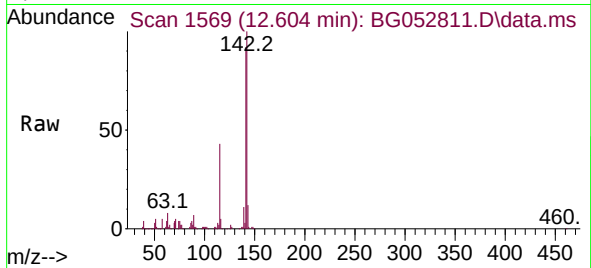




#37
2-Methylnaphthalene
Concen: 41.509 ng
RT: 12.604 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

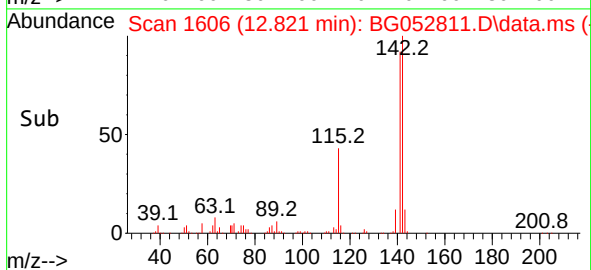
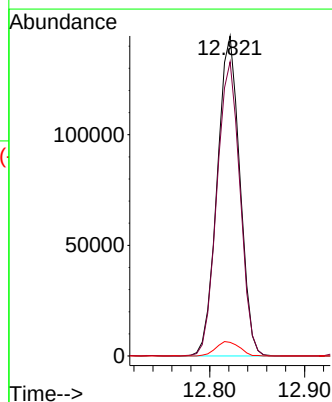
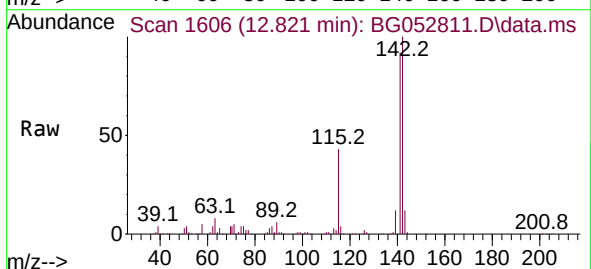
Instrument :
BNA_G
ClientSampleId :
PB143535BS

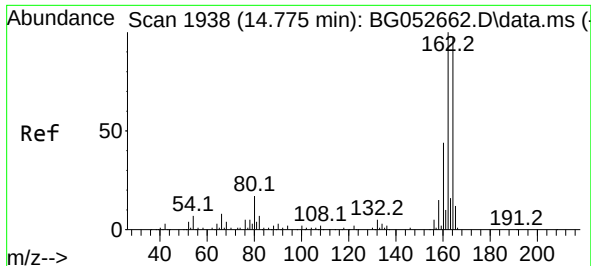
Tgt Ion:142 Resp: 250453
Ion Ratio Lower Upper
142 100
141 91.7 71.3 106.9
115 42.6 29.5 44.3



#38
1-Methylnaphthalene
Concen: 40.770 ng
RT: 12.821 min Scan# 1606
Delta R.T. -0.001 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

Tgt Ion:142 Resp: 240077
Ion Ratio Lower Upper
142 100
141 91.9 70.5 105.7
116 4.2 3.1 4.7

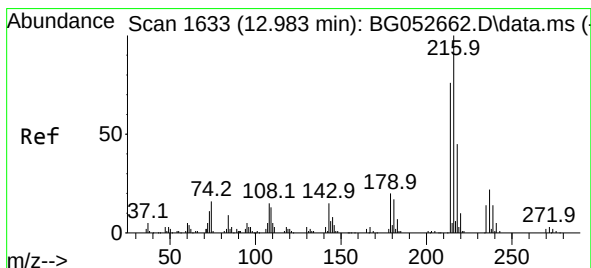
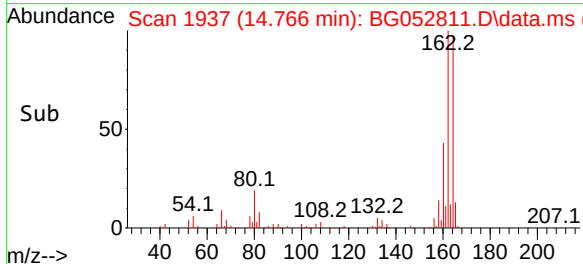
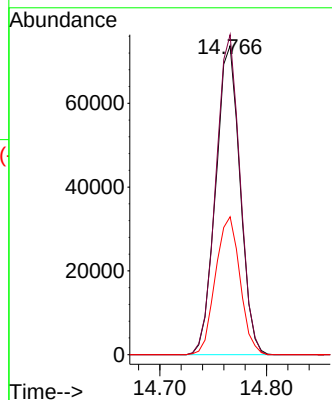
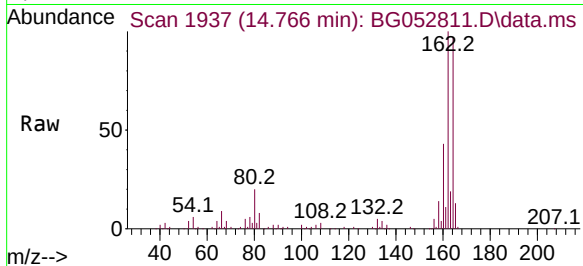




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.766 min Scan# 1937
Delta R.T. -0.001 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

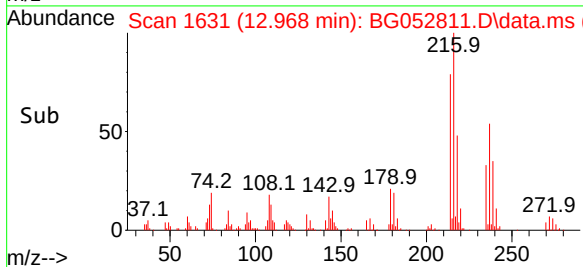
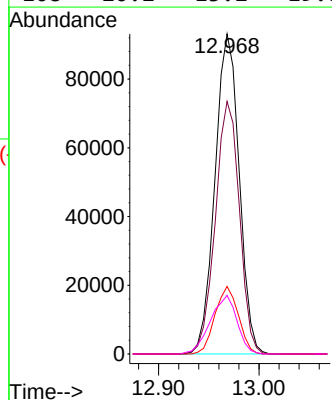
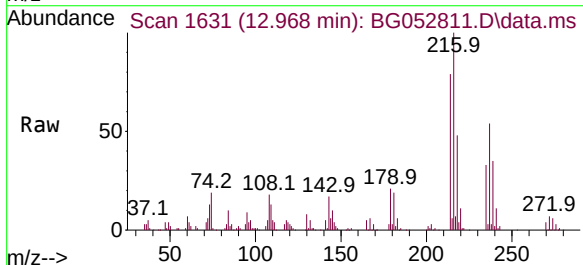
Instrument :
BNA_G
ClientSampleId :
PB143535BS

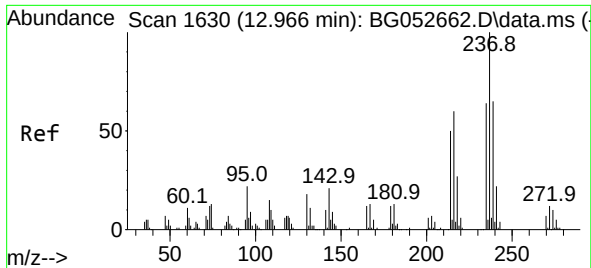
Tgt Ion:164 Resp: 116536
Ion Ratio Lower Upper
164 100
162 103.6 80.0 120.0
160 44.6 38.8 58.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.809 ng
RT: 12.968 min Scan# 1631
Delta R.T. -0.001 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

Tgt Ion:216 Resp: 155861
Ion Ratio Lower Upper
216 100
214 78.4 63.8 95.6
179 20.3 15.7 23.5
108 20.2 13.2 19.8#

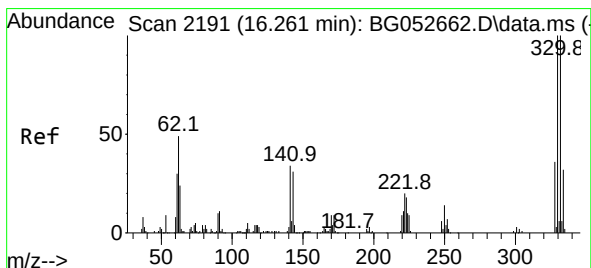
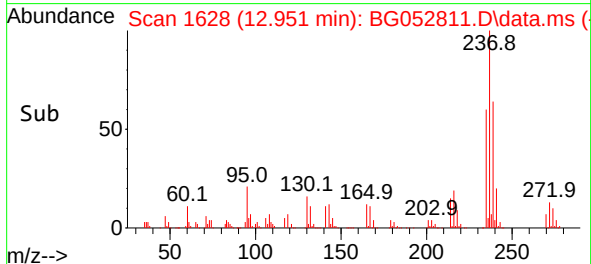
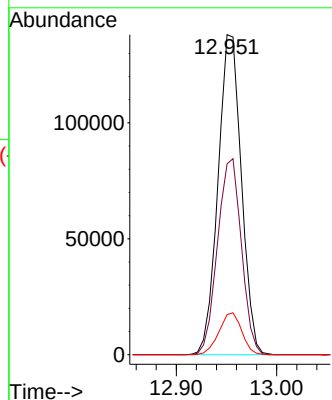
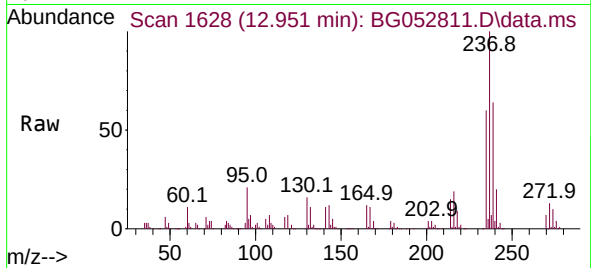




#41
Hexachlorocyclopentadiene
Concen: 103.455 ng
RT: 12.951 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

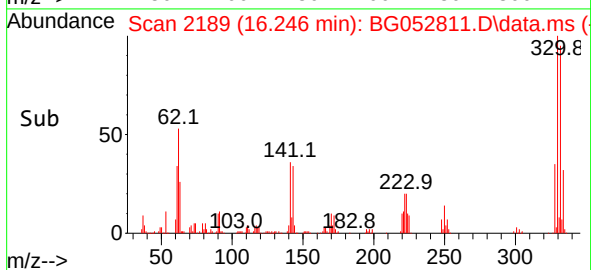
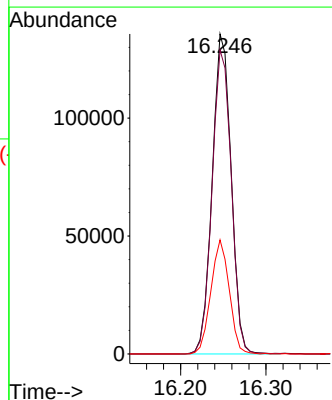
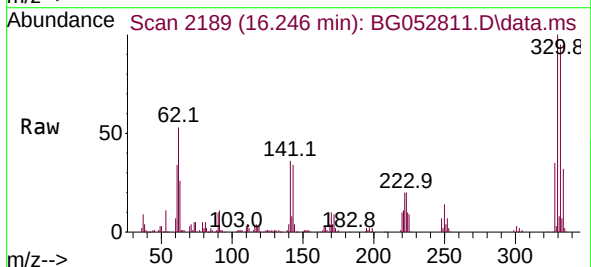
Instrument :
BNA_G
ClientSampleId :
PB143535BS

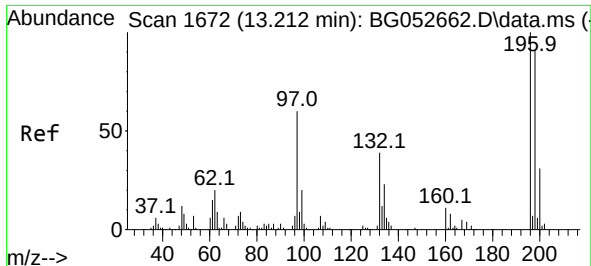
Tgt Ion:237 Resp: 223267
Ion Ratio Lower Upper
237 100
235 59.7 37.7 77.7
272 12.5 0.0 30.7



#42
2,4,6-Tribromophenol
Concen: 133.714 ng
RT: 16.246 min Scan# 2189
Delta R.T. -0.001 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

Tgt Ion:330 Resp: 209387
Ion Ratio Lower Upper
330 100
332 96.3 75.8 113.6
141 34.6 24.6 36.8

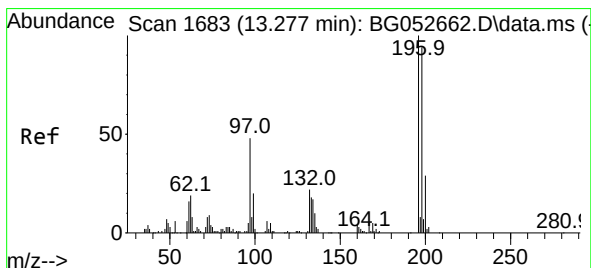
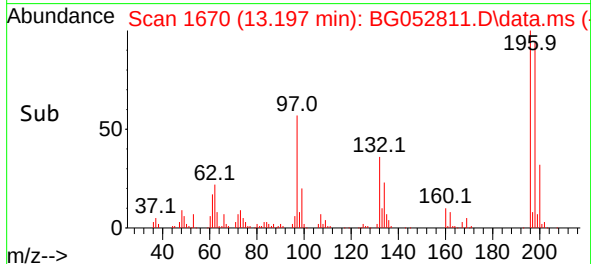
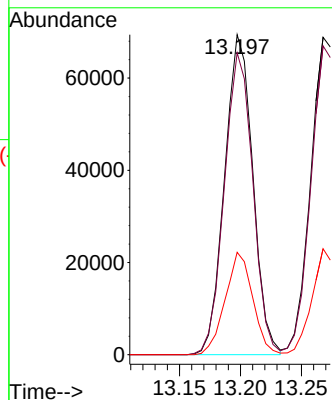
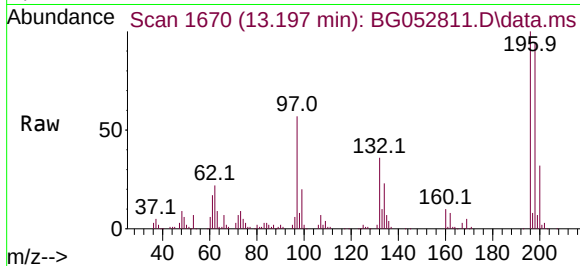




#43
2,4,6-Trichlorophenol
Concen: 47.973 ng
RT: 13.197 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

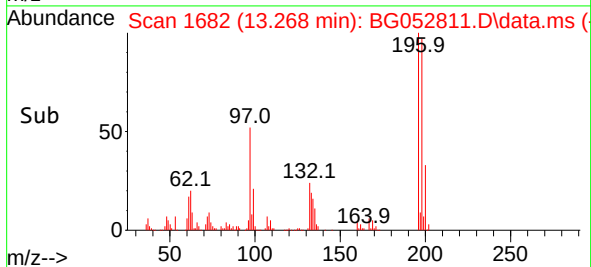
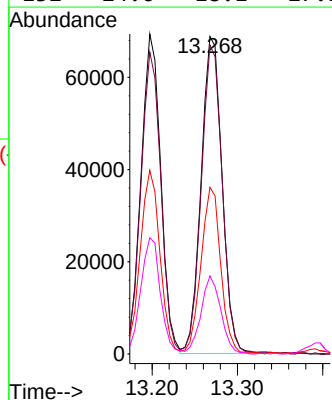
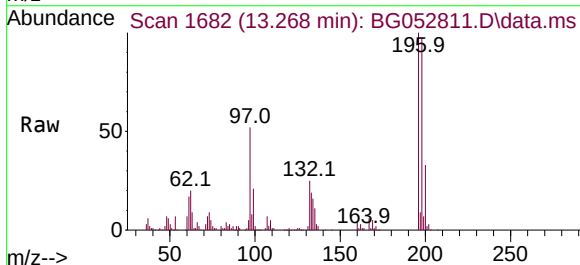
Instrument :
BNA_G
ClientSampleId :
PB143535BS

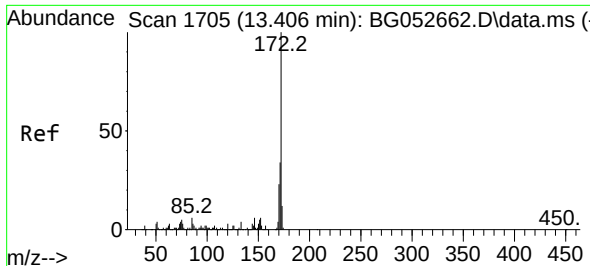
Tgt Ion:196 Resp: 111852
Ion Ratio Lower Upper
196 100
198 94.4 78.8 118.2
200 32.0 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 49.591 ng
RT: 13.268 min Scan# 1682
Delta R.T. -0.001 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

Tgt Ion:196 Resp: 117360
Ion Ratio Lower Upper
196 100
198 97.3 75.8 113.6
97 52.5 36.5 54.7
132 24.6 18.1 27.1

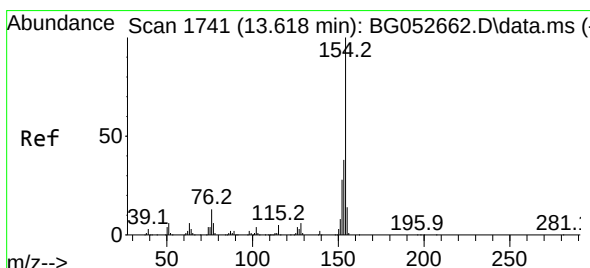
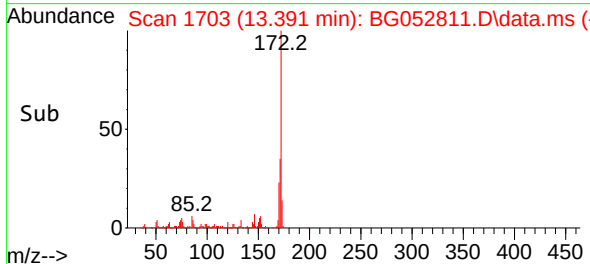
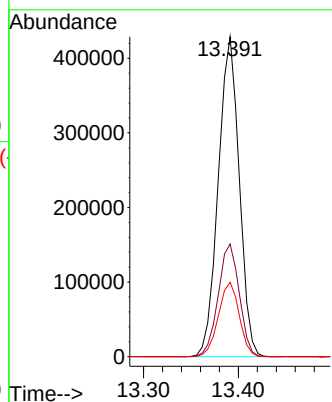
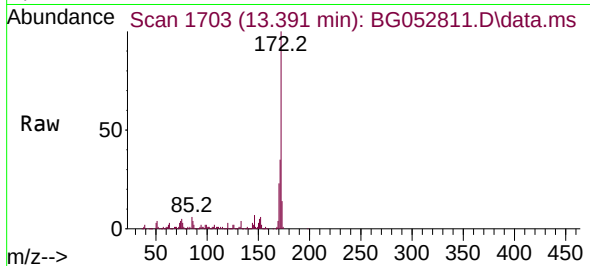




#45
2-Fluorobiphenyl
Concen: 83.348 ng
RT: 13.391 min Scan# 1703
Delta R.T. -0.001 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

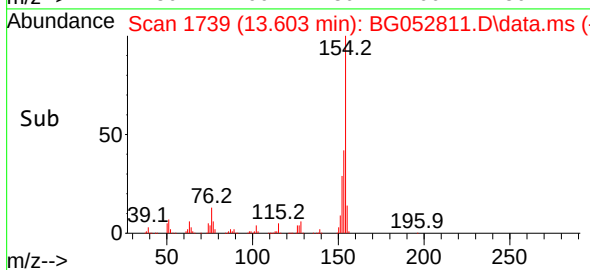
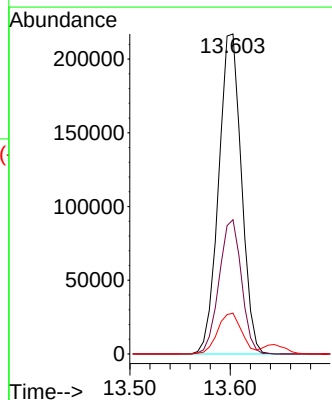
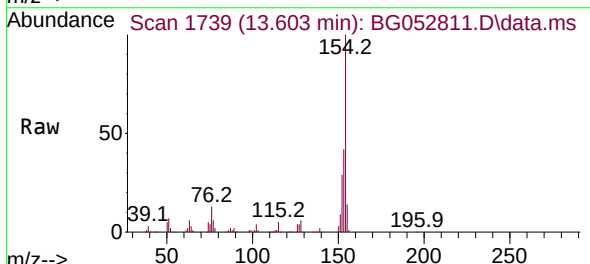
Instrument :
BNA_G
ClientSampleId :
PB143535BS

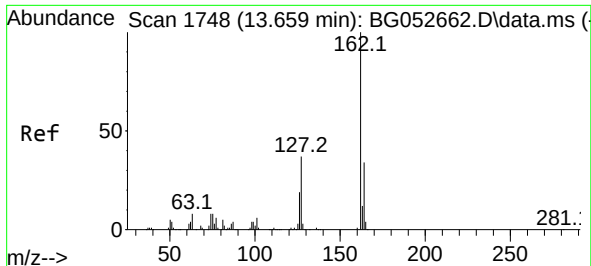
Tgt Ion:172 Resp: 658579
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.2 18.0 27.0



#46
1,1'-Biphenyl
Concen: 41.845 ng
RT: 13.603 min Scan# 1739
Delta R.T. 0.005 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

Tgt Ion:154 Resp: 341024
Ion Ratio Lower Upper
154 100
153 42.0 21.6 61.6
76 12.7 0.0 31.5

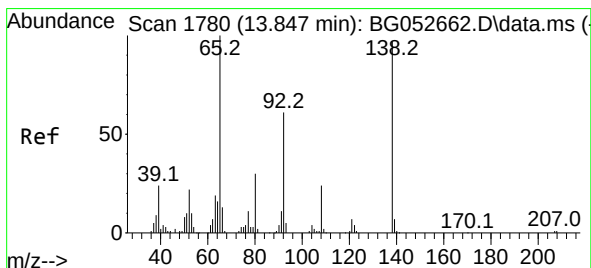
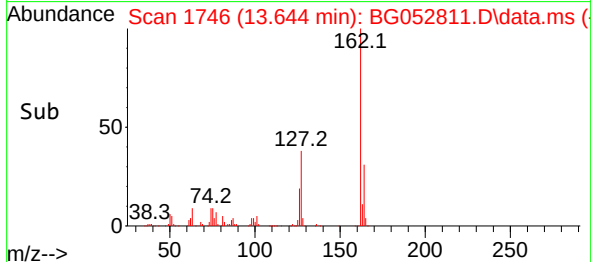
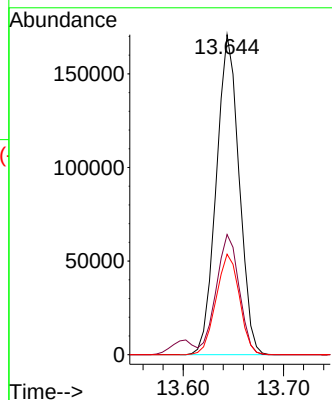
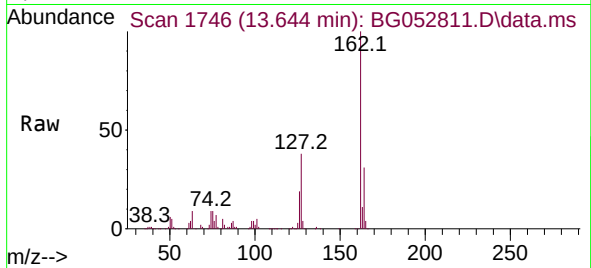




#47
2-Chloronaphthalene
Concen: 41.991 ng
RT: 13.644 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

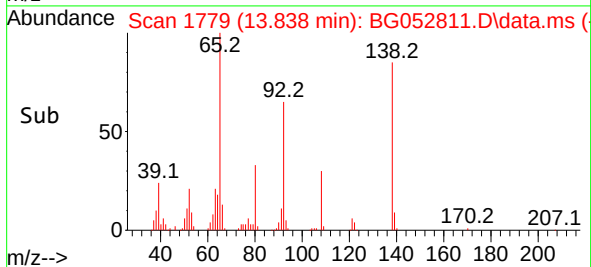
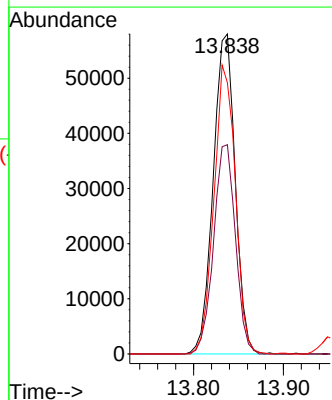
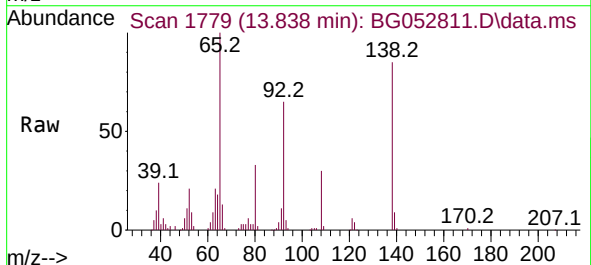
Instrument :
BNA_G
ClientSampleId :
PB143535BS

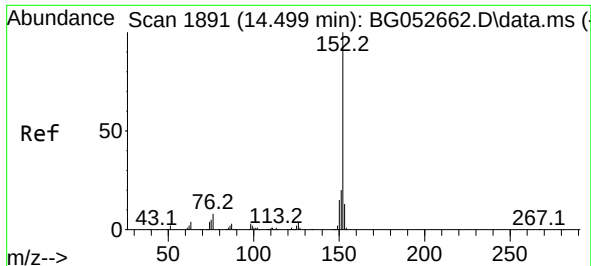
Tgt Ion:162 Resp: 269505
Ion Ratio Lower Upper
162 100
127 37.5 28.1 42.1
164 31.4 26.0 39.0



#48
2-Nitroaniline
Concen: 56.122 ng
RT: 13.838 min Scan# 1779
Delta R.T. 0.005 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

Tgt Ion: 65 Resp: 98510
Ion Ratio Lower Upper
65 100
92 65.4 52.1 78.1
138 84.8 80.1 120.1

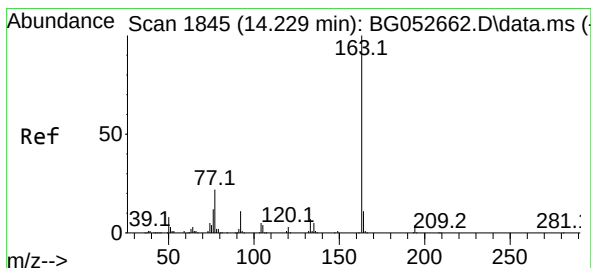
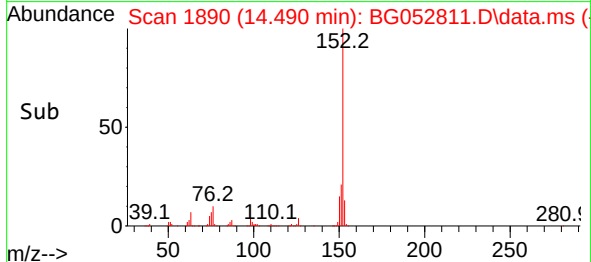
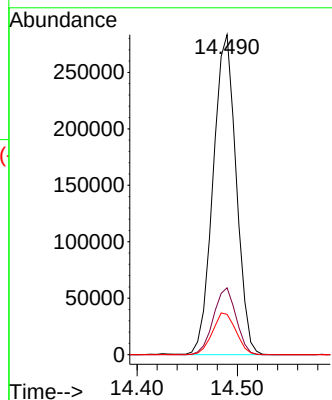
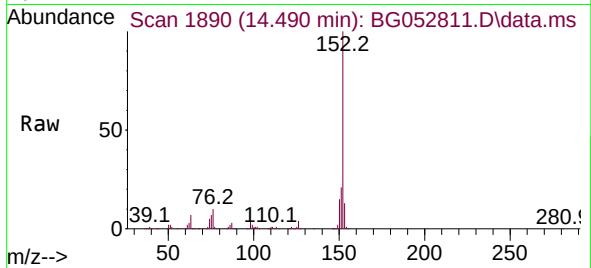




#49
Acenaphthylene
Concen: 44.197 ng
RT: 14.490 min Scan# 1891
Delta R.T. -0.001 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

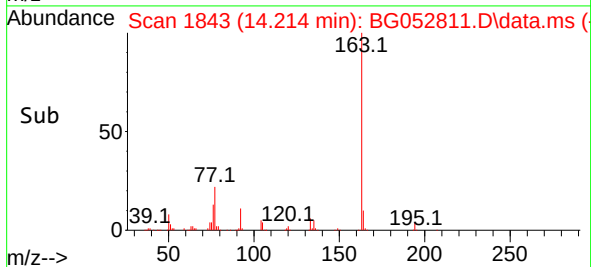
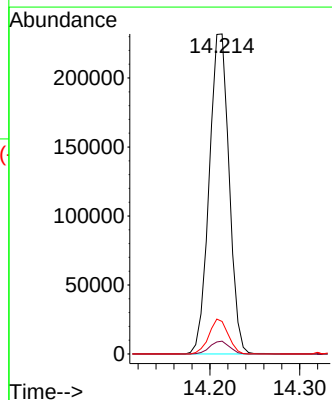
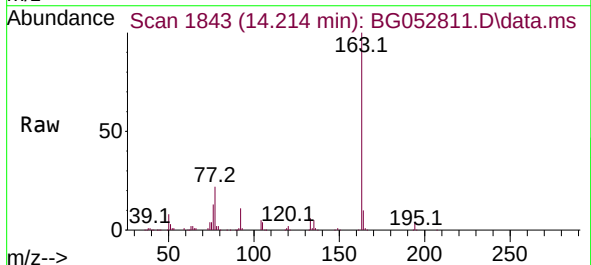
Instrument :
BNA_G
ClientSampleId :
PB143535BS

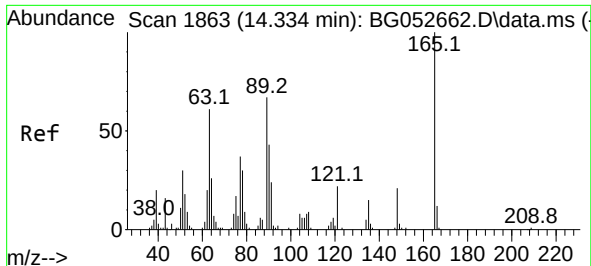
Tgt Ion:152 Resp: 452179
Ion Ratio Lower Upper
152 100
151 20.9 15.8 23.6
153 12.6 10.6 15.8



#50
Dimethylphthalate
Concen: 41.172 ng
RT: 14.214 min Scan# 1843
Delta R.T. -0.001 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

Tgt Ion:163 Resp: 356592
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.2 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 53.907 ng

RT: 14.325 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG052811.D

Acq: 24 Mar 2022 16:22

Instrument :

BNA_G

ClientSampleId :

PB143535BS

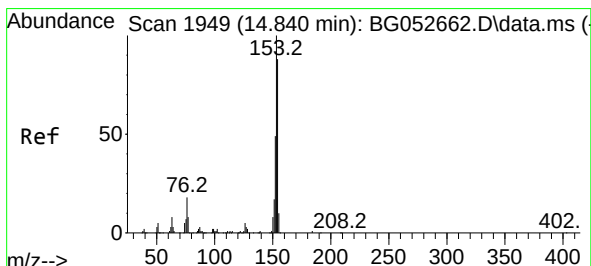
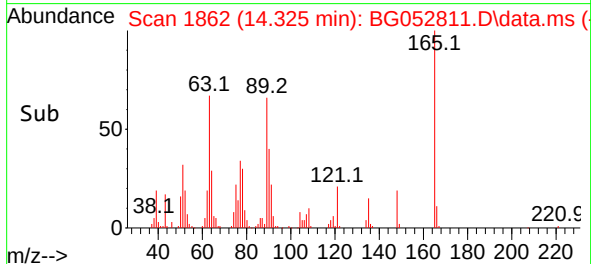
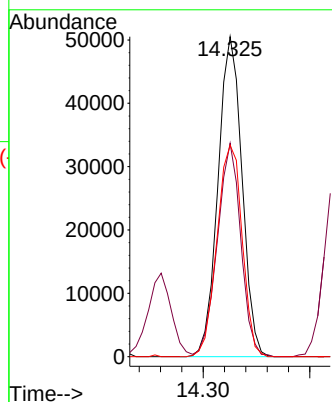
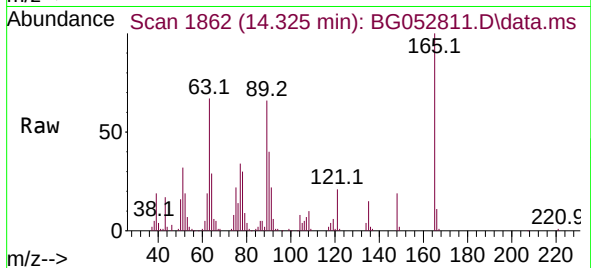
Tgt Ion:165 Resp: 78829

Ion Ratio Lower Upper

165 100

63 66.7 43.7 65.5#

89 66.0 45.0 67.4



#52

Acenaphthene

Concen: 49.275 ng

RT: 14.830 min Scan# 1948

Delta R.T. -0.001 min

Lab File: BG052811.D

Acq: 24 Mar 2022 16:22

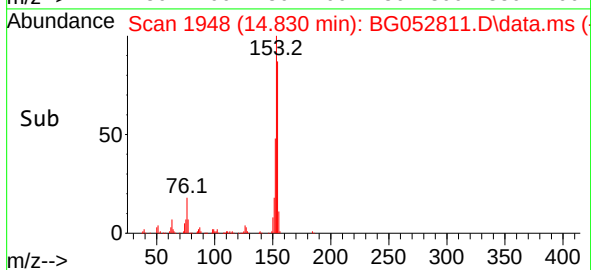
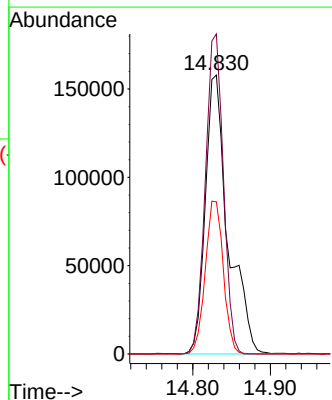
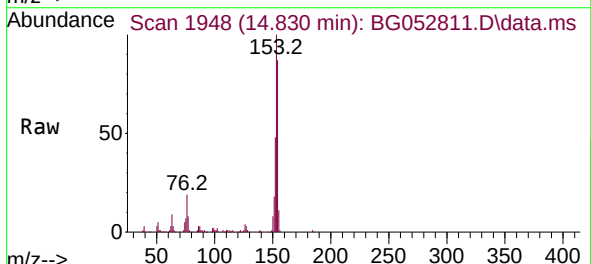
Tgt Ion:154 Resp: 322972

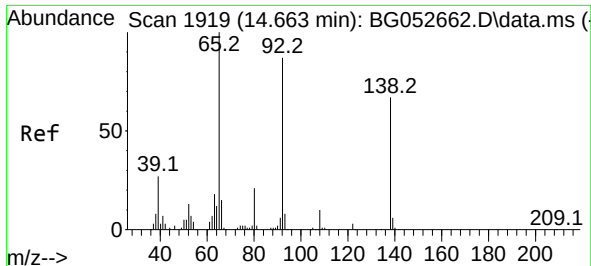
Ion Ratio Lower Upper

154 100

153 114.8 89.0 133.4

152 54.6 40.5 60.7

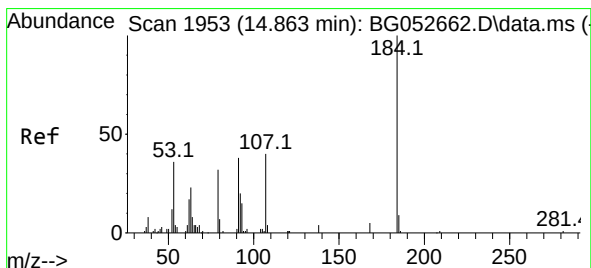
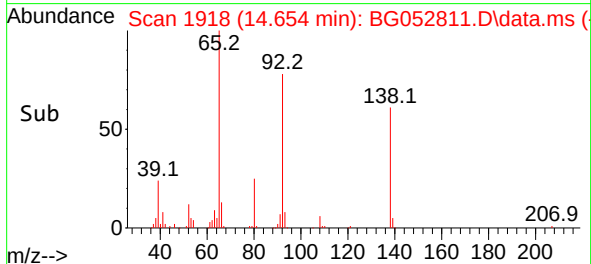
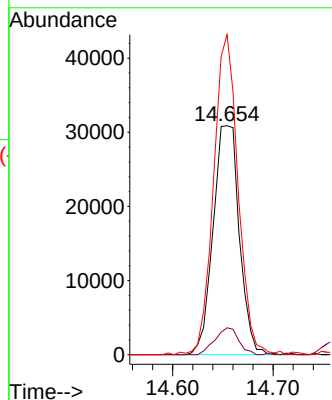
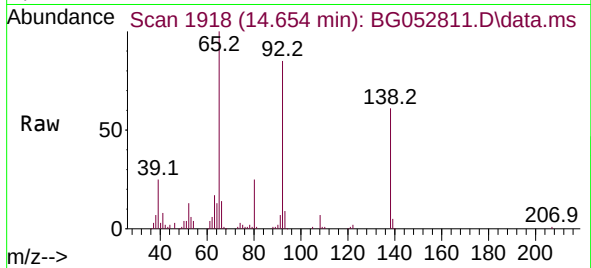




#53
3-Nitroaniline
Concen: 32.751 ng
RT: 14.654 min Scan# 1918
Delta R.T. -0.001 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

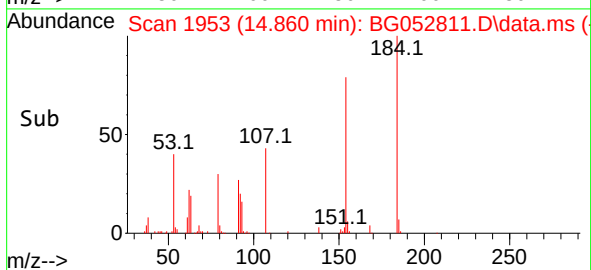
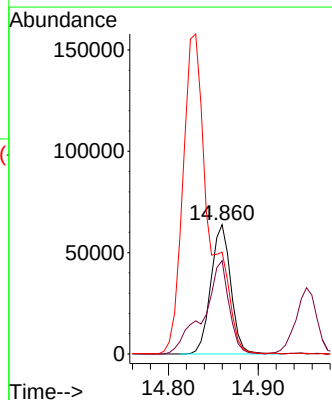
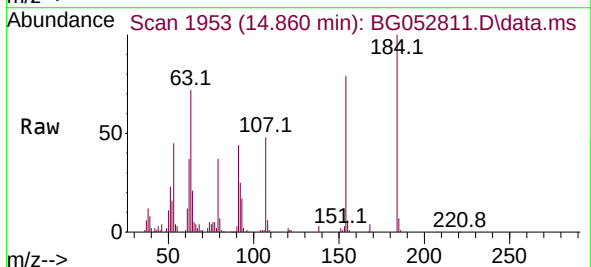
Instrument :
BNA_G
ClientSampleId :
PB143535BS

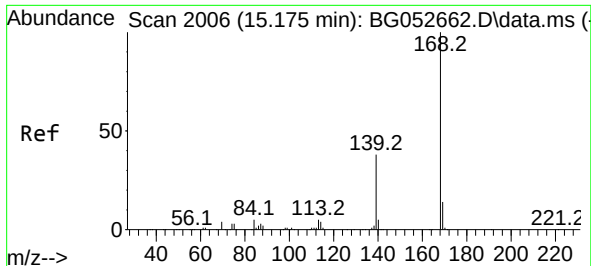
Tgt Ion:138 Resp: 56042
Ion Ratio Lower Upper
138 100
108 11.7 8.0 12.0
92 139.8 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 122.923 ng
RT: 14.860 min Scan# 1953
Delta R.T. 0.005 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

Tgt Ion:184 Resp: 97981
Ion Ratio Lower Upper
184 100
63 72.2 51.8 77.6
154 78.7 47.8 71.6#

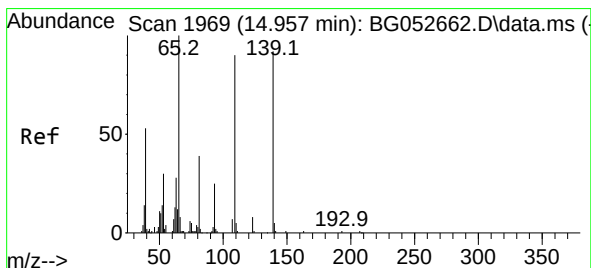
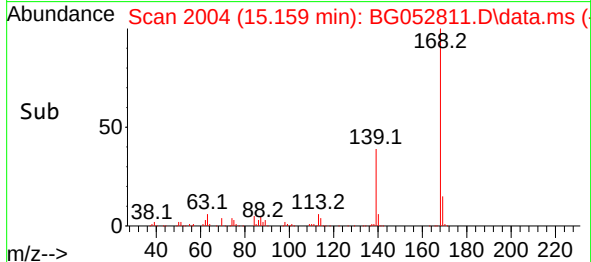
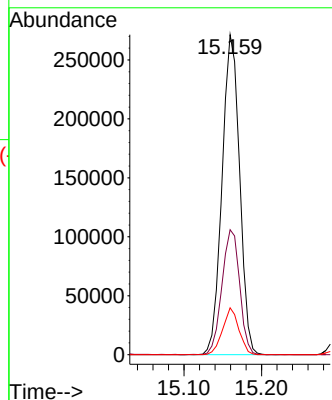
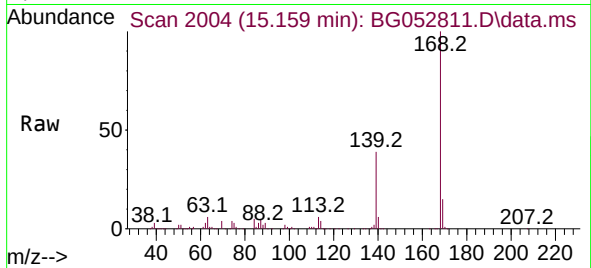




#55
Dibenzenofuran
Concen: 40.008 ng
RT: 15.159 min Scan# 2004
Delta R.T. -0.001 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

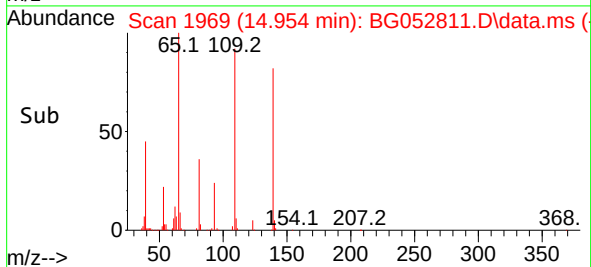
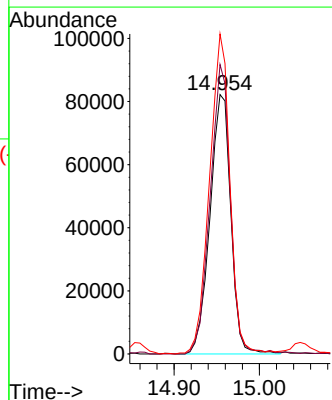
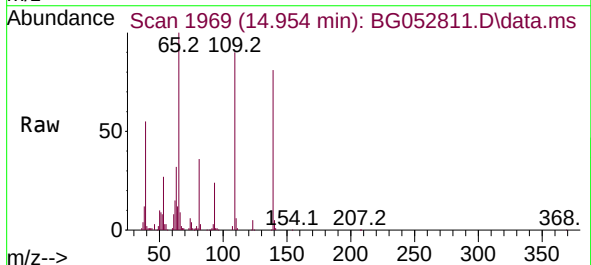
Instrument :
BNA_G
ClientSampleId :
PB143535BS

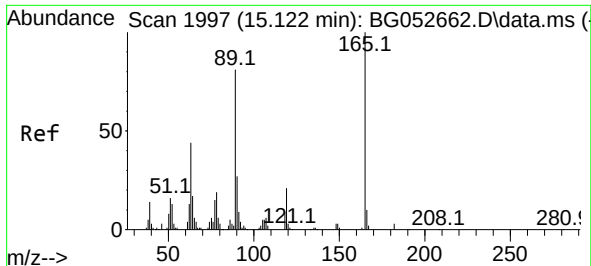
Tgt Ion:168 Resp: 428235
Ion Ratio Lower Upper
168 100
139 39.1 30.2 45.4
169 14.6 10.7 16.1



#56
4-Nitrophenol
Concen: 99.989 ng
RT: 14.954 min Scan# 1969
Delta R.T. 0.005 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

Tgt Ion:139 Resp: 139565
Ion Ratio Lower Upper
139 100
109 111.5 67.1 107.1#
65 123.3 88.2 128.2

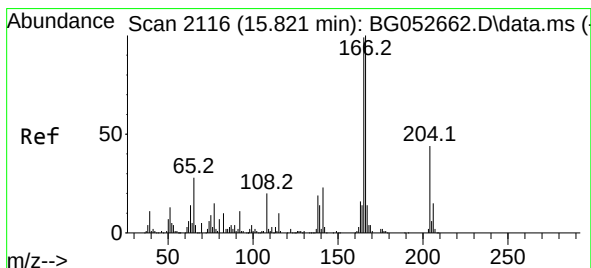
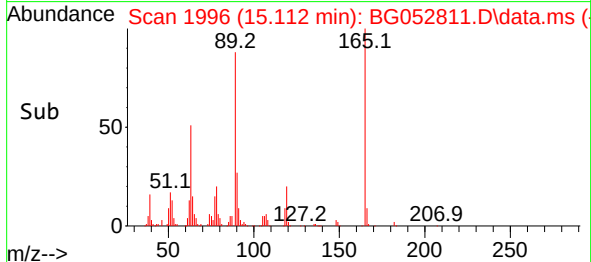
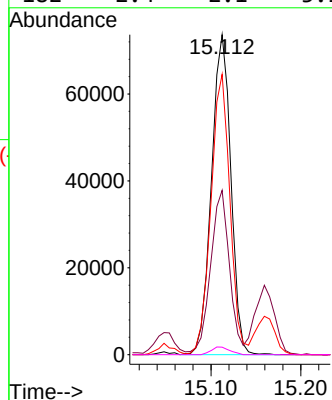
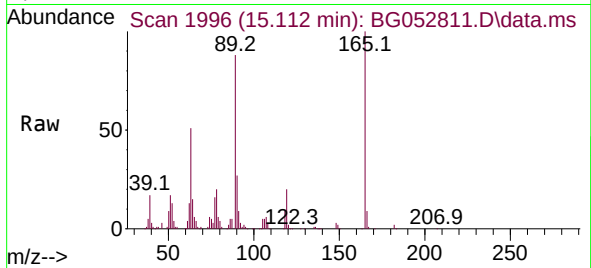




#57
2,4-Dinitrotoluene
Concen: 54.402 ng
RT: 15.112 min Scan# 1996
Delta R.T. -0.001 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

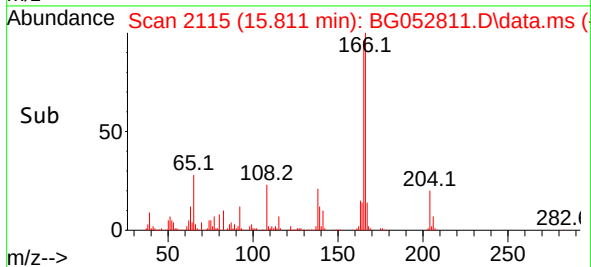
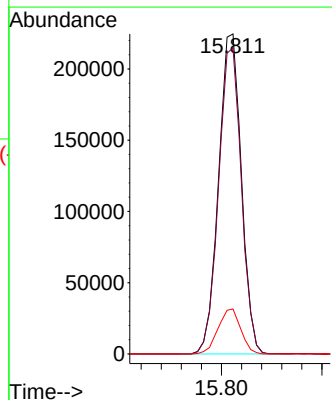
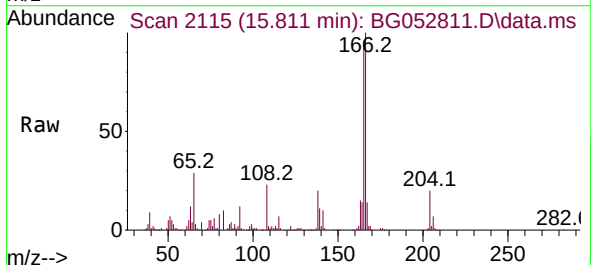
Instrument :
BNA_G
ClientSampleId :
PB143535BS

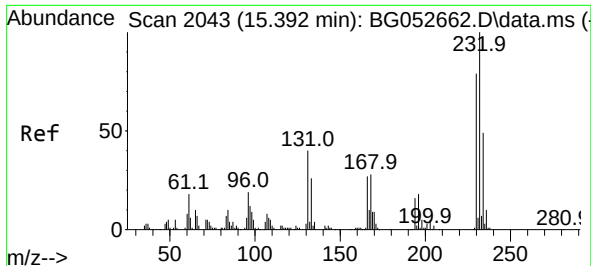
Tgt Ion:165 Resp: 110380
Ion Ratio Lower Upper
165 100
63 51.4 34.8 52.2
89 87.6 57.4 86.0#
182 2.4 2.1 3.1



#58
Fluorene
Concen: 40.441 ng
RT: 15.811 min Scan# 2115
Delta R.T. 0.005 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

Tgt Ion:166 Resp: 352854
Ion Ratio Lower Upper
166 100
165 95.7 78.6 117.8
167 14.0 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.374 ng

RT: 15.383 min Scan# 2042

Delta R.T. -0.001 min

Lab File: BG052811.D

Acq: 24 Mar 2022 16:22

Instrument :

BNA_G

ClientSampleId :

PB143535BS

Tgt Ion:232 Resp: 112244

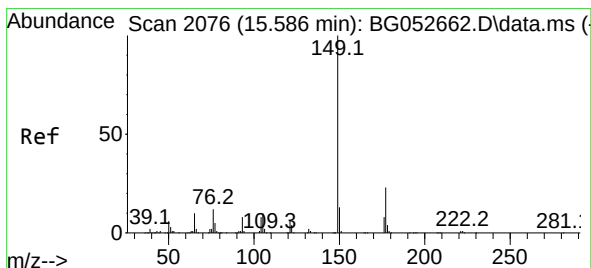
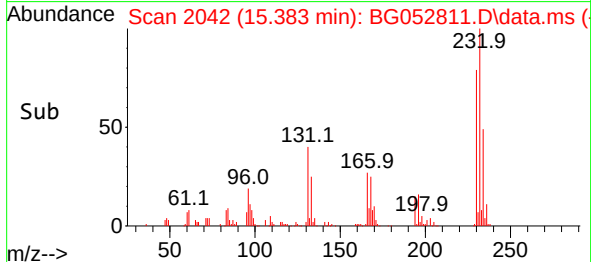
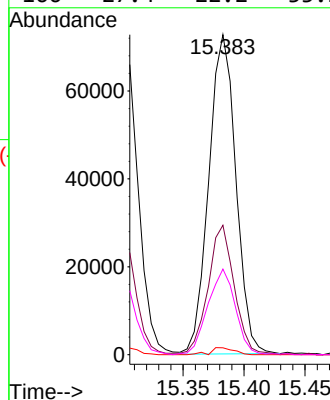
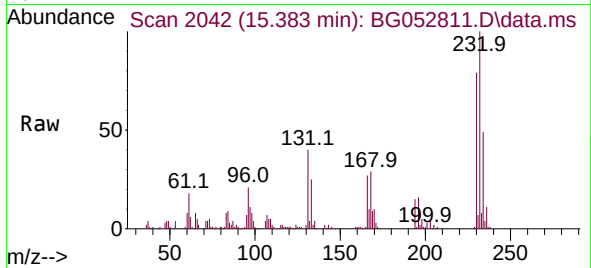
Ion Ratio Lower Upper

232 100

131 39.3 30.1 45.1

130 1.9 1.8 2.8

166 27.4 22.2 33.2



#60

Diethylphthalate

Concen: 40.503 ng

RT: 15.571 min Scan# 2074

Delta R.T. -0.001 min

Lab File: BG052811.D

Acq: 24 Mar 2022 16:22

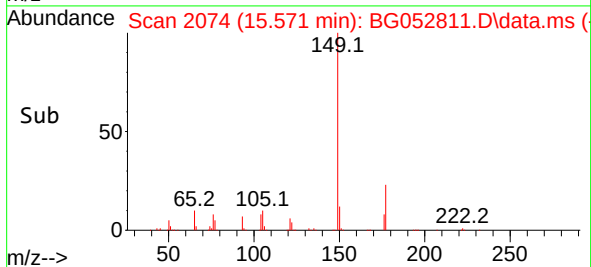
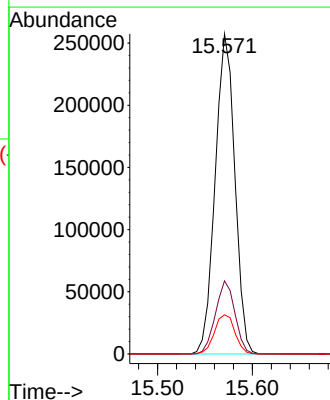
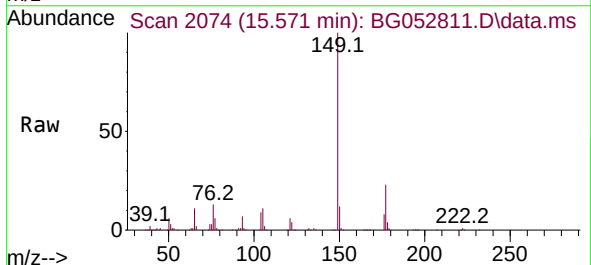
Tgt Ion:149 Resp: 370299

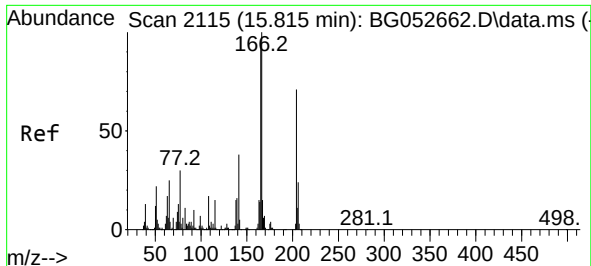
Ion Ratio Lower Upper

149 100

177 22.9 18.2 27.2

150 12.3 9.9 14.9

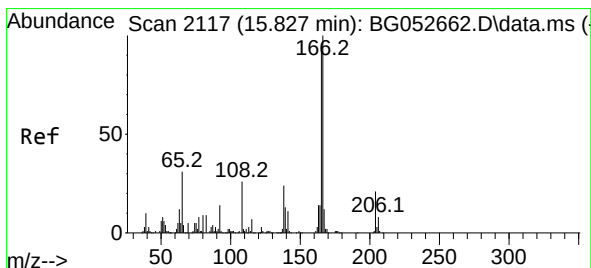
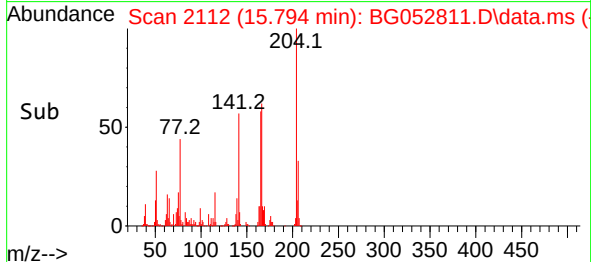
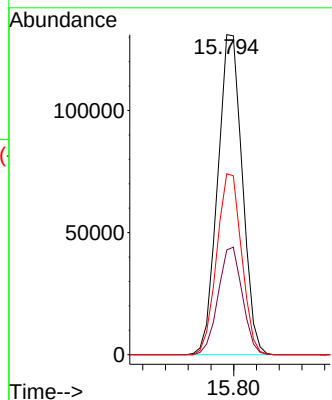
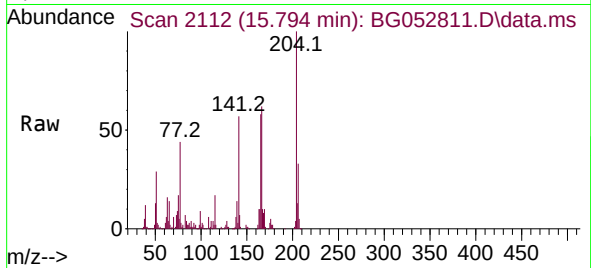




#61
4-Chlorophenyl-phenylether
Concen: 40.945 ng
RT: 15.794 min Scan# 2112
Delta R.T. -0.001 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

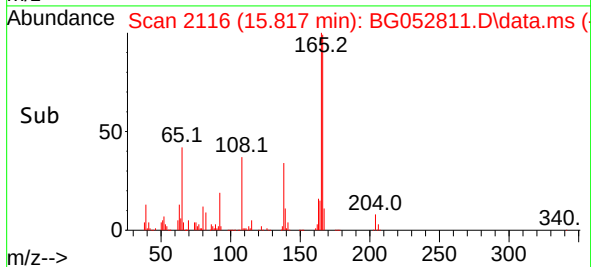
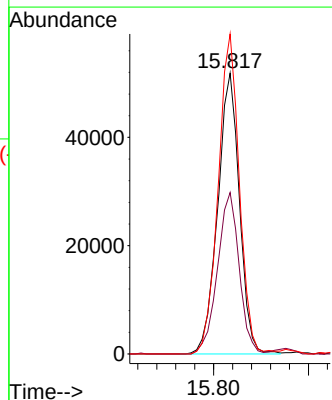
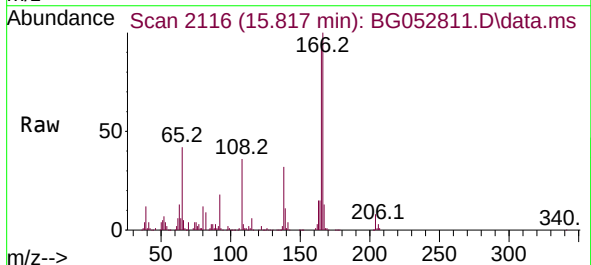
Instrument :
BNA_G
ClientSampleId :
PB143535BS

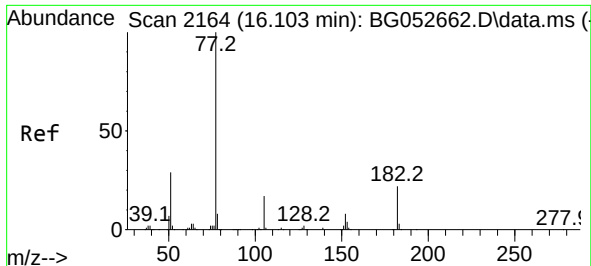
Tgt Ion:204 Resp: 197018
Ion Ratio Lower Upper
204 100
206 32.7 28.3 42.5
141 56.6 45.8 68.8



#62
4-Nitroaniline
Concen: 45.653 ng
RT: 15.817 min Scan# 2116
Delta R.T. -0.001 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

Tgt Ion:138 Resp: 82544
Ion Ratio Lower Upper
138 100
92 57.5 33.3 73.3
108 114.0 74.2 114.2

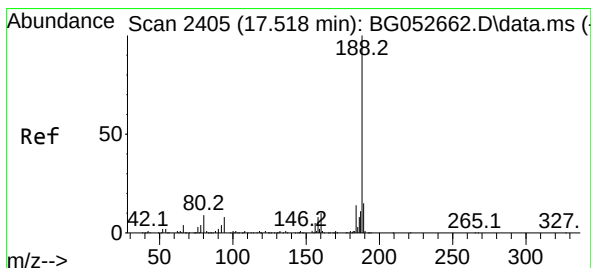
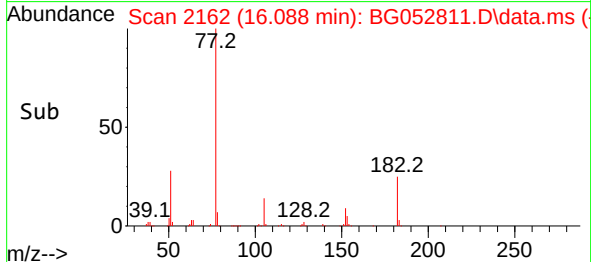
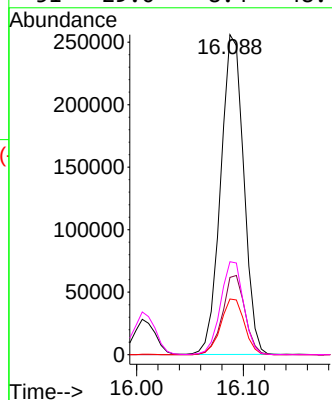
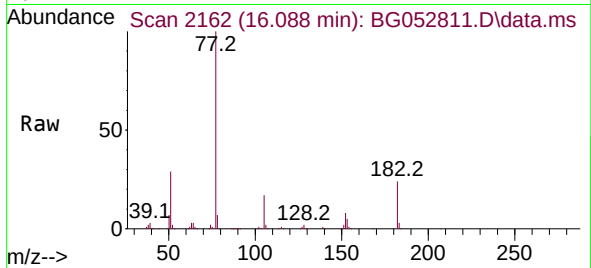




#63
Azobenzene
Concen: 39.255 ng
RT: 16.088 min Scan# 2164
Delta R.T. -0.001 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

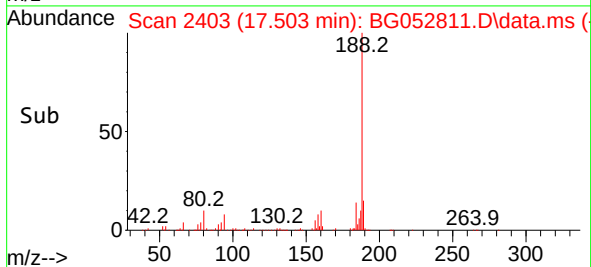
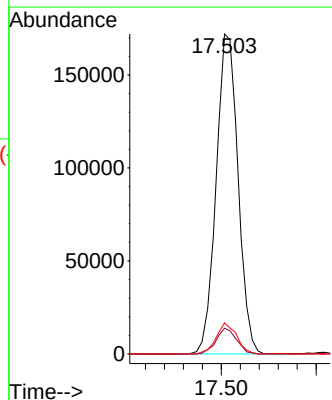
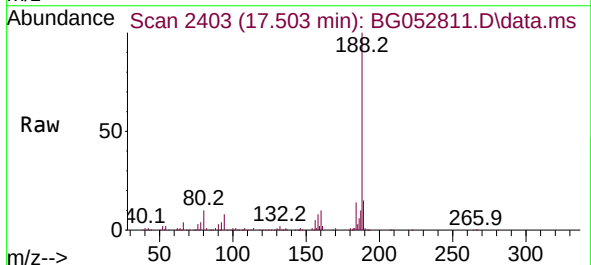
Instrument :
BNA_G
ClientSampleId :
PB143535BS

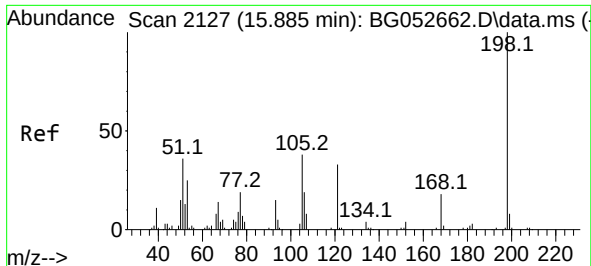
Tgt Ion: 77	Resp: 383586
Ion Ratio	Lower Upper
77 100	
182 24.1	5.6 45.6
105 17.4	0.0 38.8
51 29.0	8.4 48.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.503 min Scan# 2403
Delta R.T. -0.001 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

Tgt Ion:188	Resp: 275969
Ion Ratio	Lower Upper
188 100	
94 8.0	5.7 8.5
80 9.7	7.2 10.8

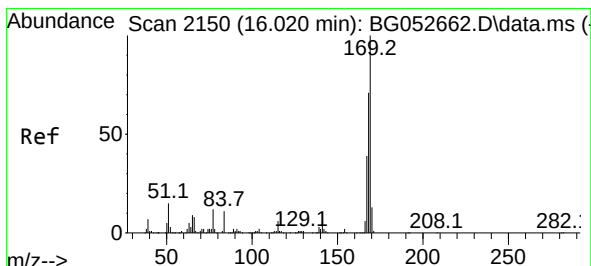
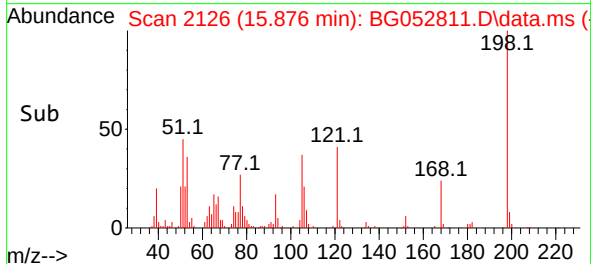
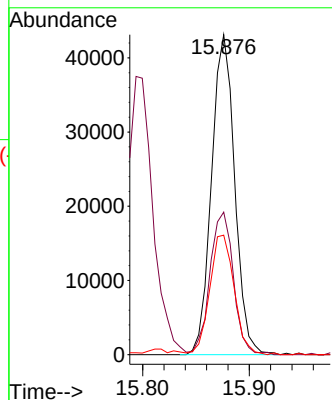
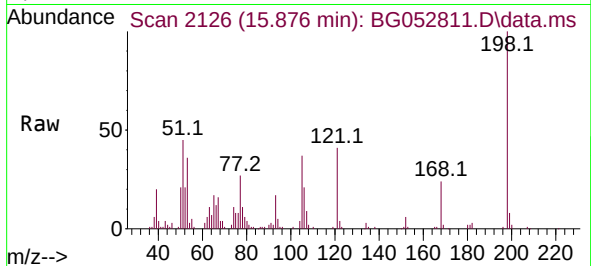




#65
4,6-Dinitro-2-methylphenol
Concen: 52.808 ng
RT: 15.876 min Scan# 2127
Delta R.T. -0.001 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

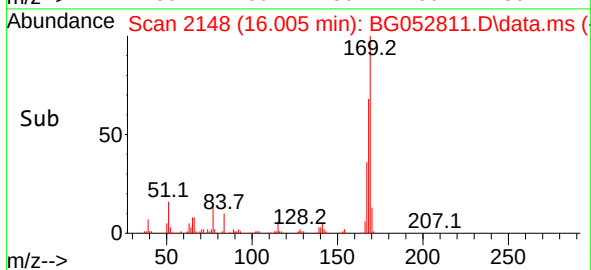
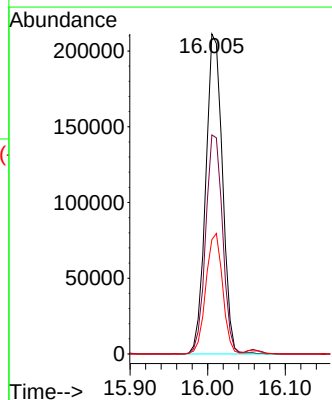
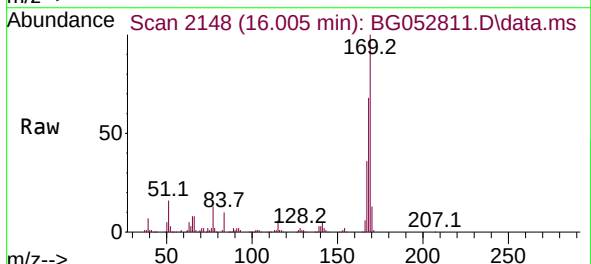
Instrument :
BNA_G
ClientSampleId :
PB143535BS

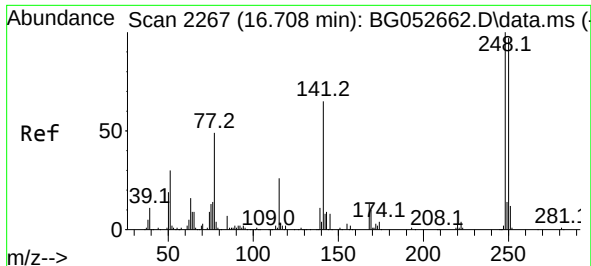
Tgt Ion:198 Resp: 64970
Ion Ratio Lower Upper
198 100
51 44.5 21.7 61.7
105 37.3 20.8 60.8



#66
n-Nitrosodiphenylamine
Concen: 40.629 ng
RT: 16.005 min Scan# 2148
Delta R.T. -0.007 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

Tgt Ion:169 Resp: 315665
Ion Ratio Lower Upper
169 100
168 68.4 54.5 81.7
167 35.8 29.6 44.4

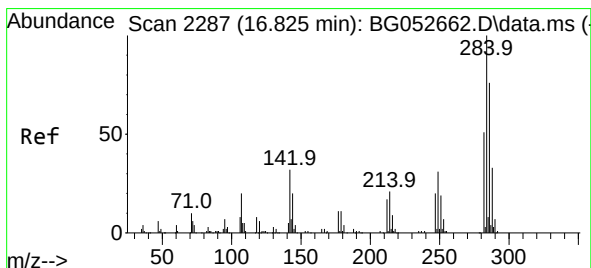
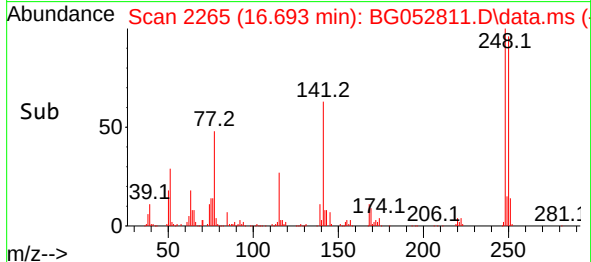
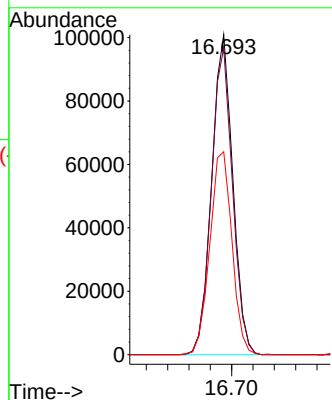
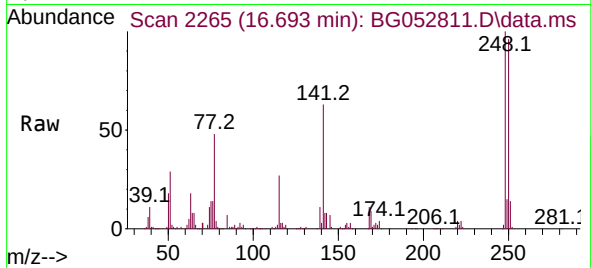




#67
4-Bromophenyl-phenylether
Concen: 41.730 ng
RT: 16.693 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

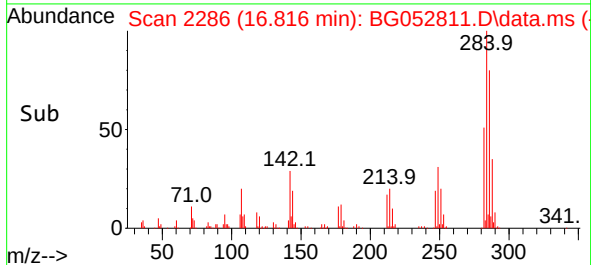
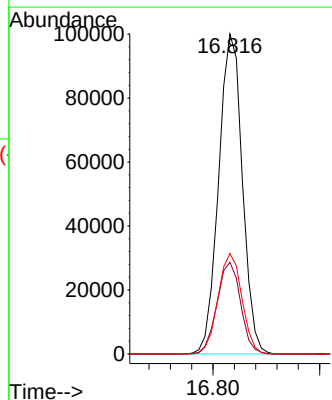
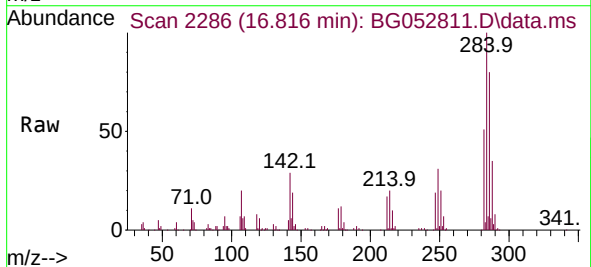
Instrument :
BNA_G
ClientSampleId :
PB143535BS

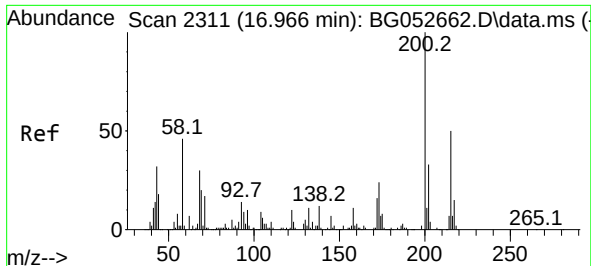
Tgt Ion:248 Resp: 138841
Ion Ratio Lower Upper
248 100
250 95.8 77.9 116.9
141 63.4 49.2 73.8



#68
Hexachlorobenzene
Concen: 43.069 ng
RT: 16.816 min Scan# 2286
Delta R.T. -0.001 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

Tgt Ion:284 Resp: 154026
Ion Ratio Lower Upper
284 100
142 28.6 21.0 31.4
249 31.4 22.7 34.1

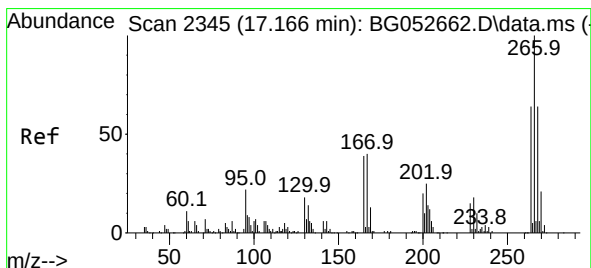
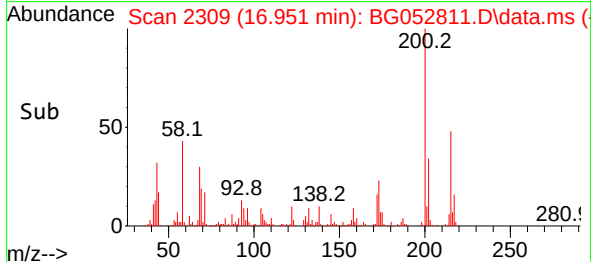
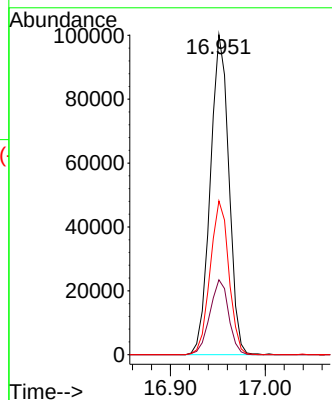
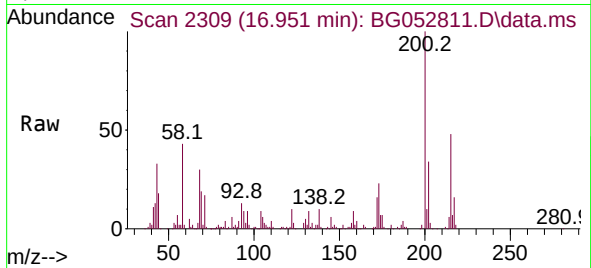




#69
 Atrazine
 Concen: 47.550 ng
 RT: 16.951 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG052811.D
 Acq: 24 Mar 2022 16:22

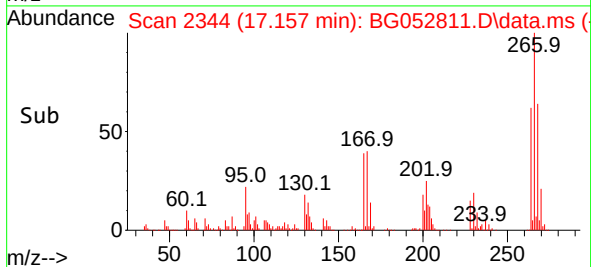
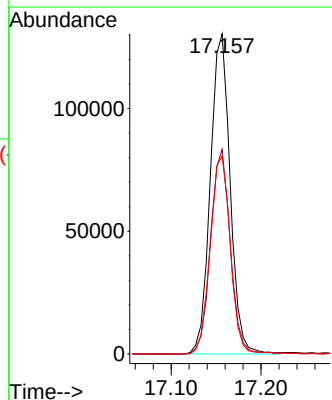
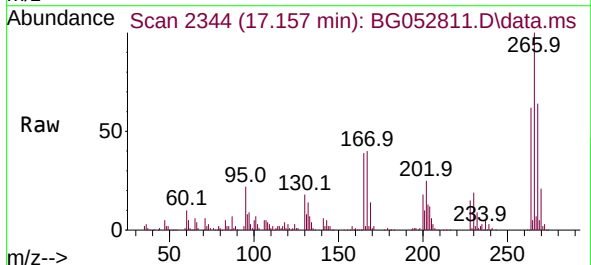
Instrument :
 BNA_G
 ClientSampleId :
 PB143535BS

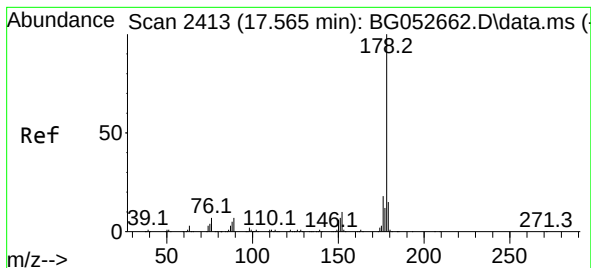
Tgt Ion:200 Resp: 136222
 Ion Ratio Lower Upper
 200 100
 173 23.4 3.8 43.8
 215 48.1 26.3 66.3



#70
 Pentachlorophenol
 Concen: 89.856 ng
 RT: 17.157 min Scan# 2344
 Delta R.T. 0.005 min
 Lab File: BG052811.D
 Acq: 24 Mar 2022 16:22

Tgt Ion:266 Resp: 199361
 Ion Ratio Lower Upper
 266 100
 268 63.9 45.9 68.9
 264 61.9 45.3 67.9





#71

Phenanthrene

Concen: 41.202 ng

RT: 17.550 min Scan# 2411

Delta R.T. -0.001 min

Lab File: BG052811.D

Acq: 24 Mar 2022 16:22

Instrument :

BNA_G

ClientSampleId :

PB143535BS

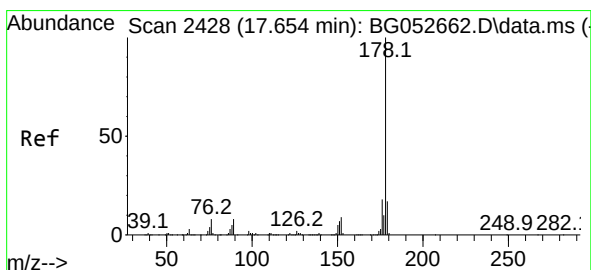
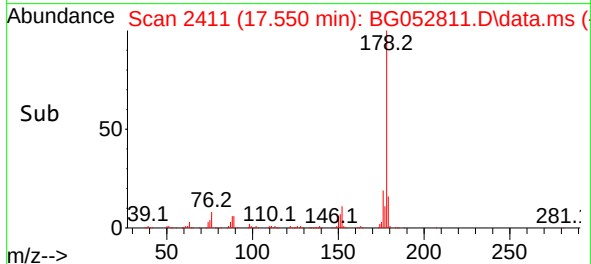
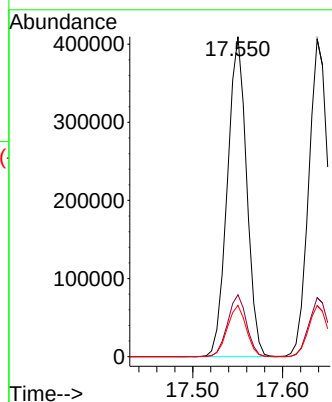
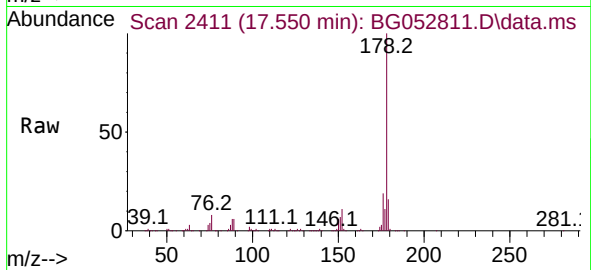
Tgt Ion:178 Resp: 608294

Ion Ratio Lower Upper

178 100

176 19.3 15.9 23.9

179 16.0 13.4 20.2



#72

Anthracene

Concen: 42.148 ng

RT: 17.638 min Scan# 2426

Delta R.T. -0.001 min

Lab File: BG052811.D

Acq: 24 Mar 2022 16:22

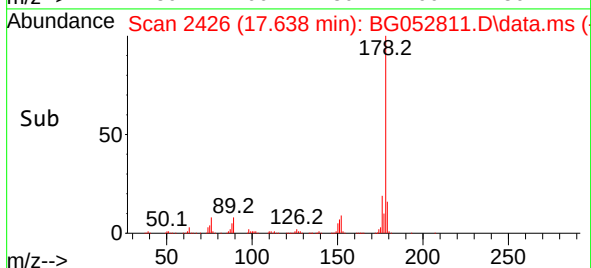
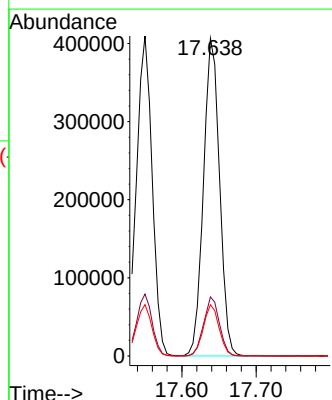
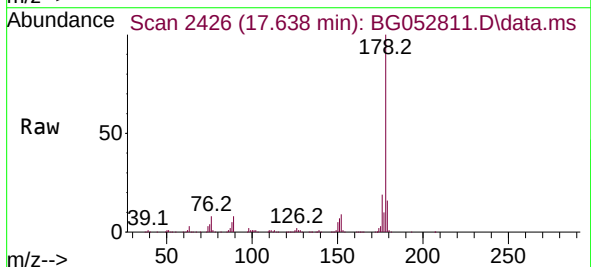
Tgt Ion:178 Resp: 615142

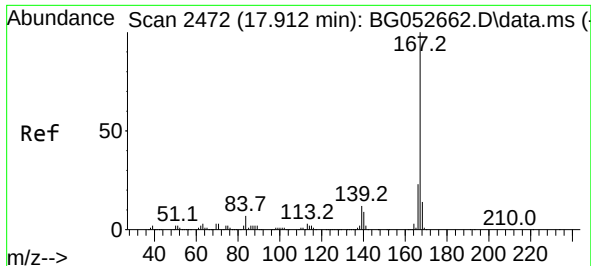
Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

179 16.1 13.2 19.8

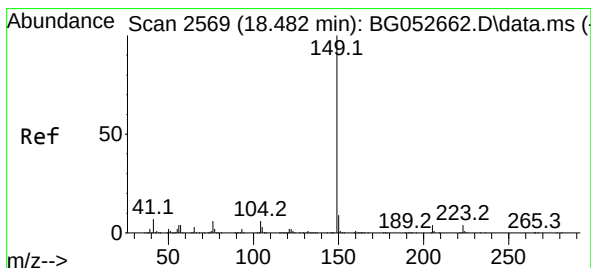
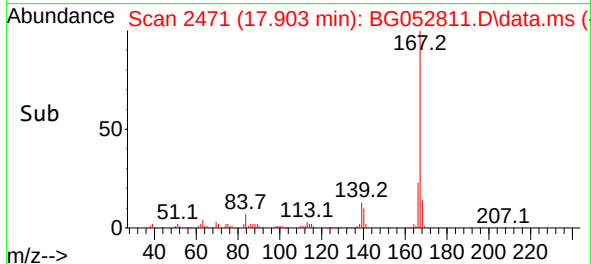
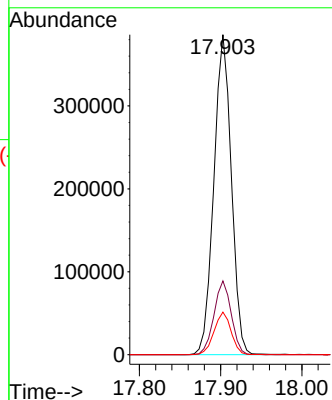
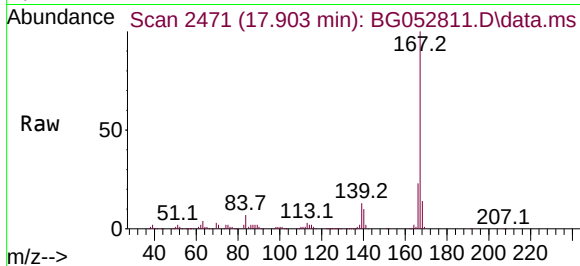




#73
Carbazole
Concen: 39.963 ng
RT: 17.903 min Scan# 2471
Delta R.T. -0.001 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

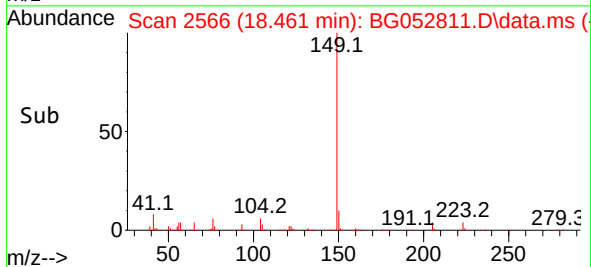
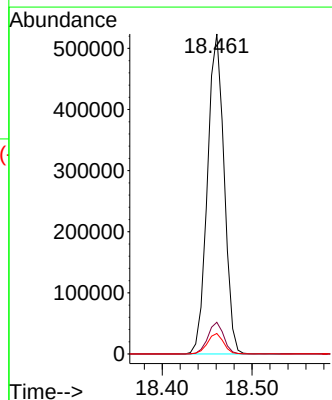
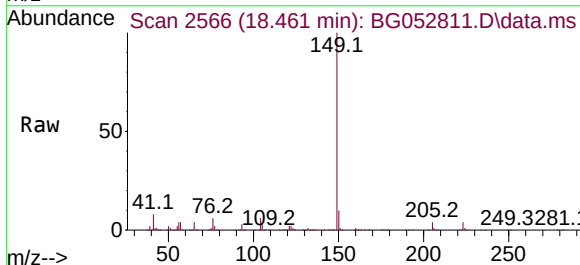
Instrument :
BNA_G
ClientSampleId :
PB143535BS

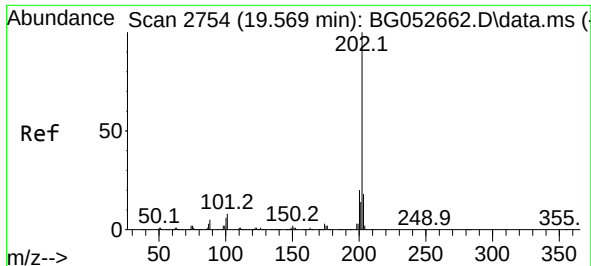
Tgt Ion:167 Resp: 577644
Ion Ratio Lower Upper
167 100
166 23.0 18.5 27.7
139 13.3 10.0 15.0



#74
Di-n-butylphthalate
Concen: 42.747 ng
RT: 18.461 min Scan# 2566
Delta R.T. -0.001 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

Tgt Ion:149 Resp: 675007
Ion Ratio Lower Upper
149 100
150 9.9 7.0 10.6
104 6.4 4.6 7.0

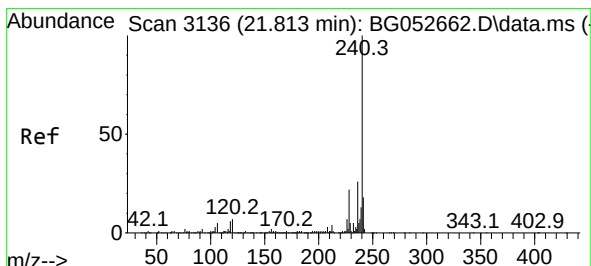
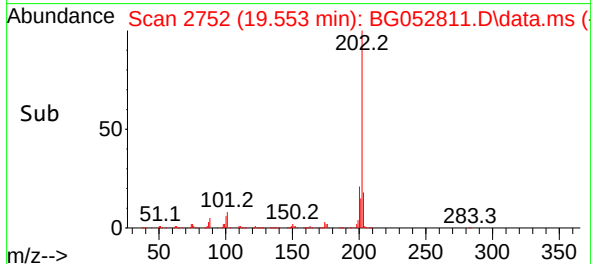
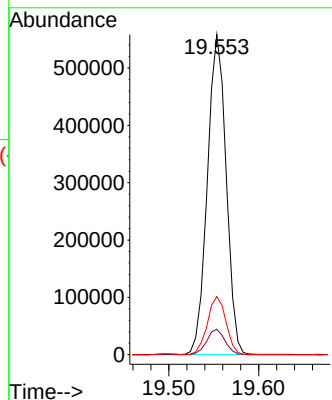
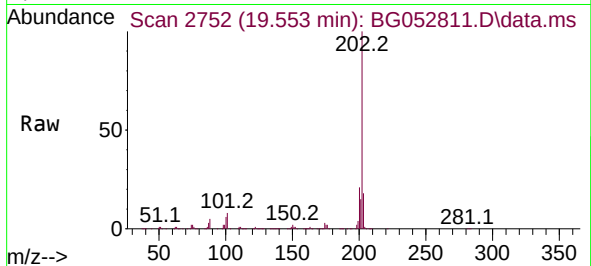




#75
Fluoranthene
Concen: 43.190 ng
RT: 19.553 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

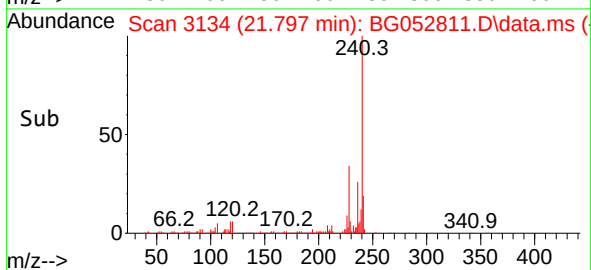
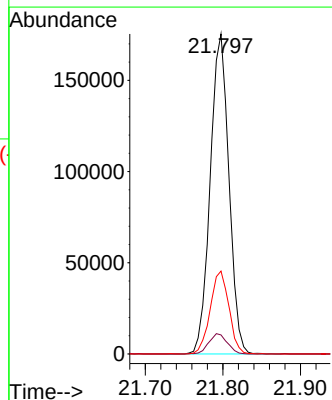
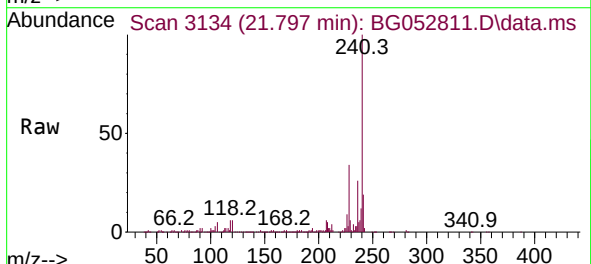
Instrument :
BNA_G
ClientSampleId :
PB143535BS

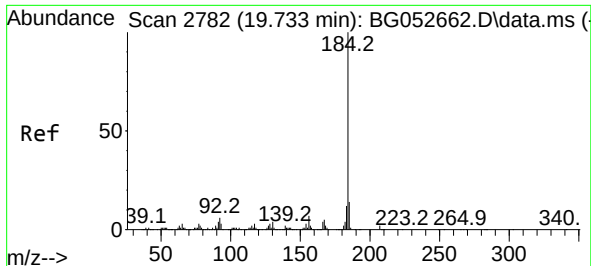
Tgt Ion:202 Resp: 809404
Ion Ratio Lower Upper
202 100
101 7.9 0.0 27.3
203 18.1 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.797 min Scan# 3134
Delta R.T. -0.001 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

Tgt Ion:240 Resp: 293160
Ion Ratio Lower Upper
240 100
120 6.0 5.4 8.0
236 25.9 19.8 29.6

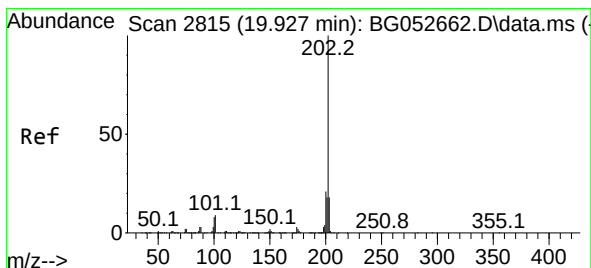
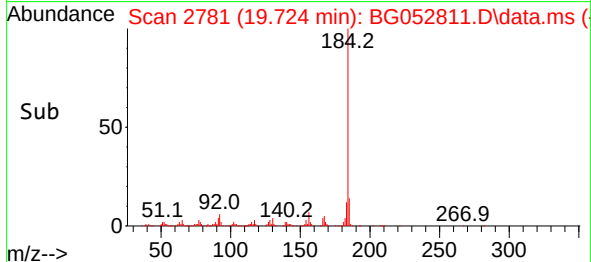
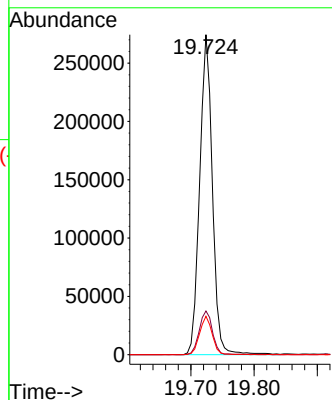
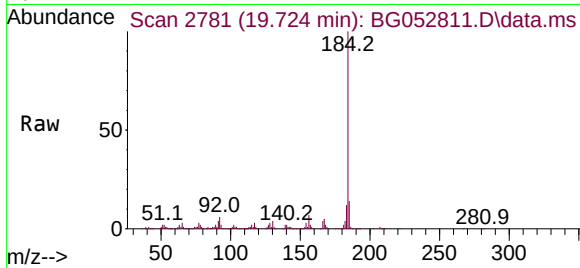




#77
Benzidine
Concen: 50.776 ng
RT: 19.724 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

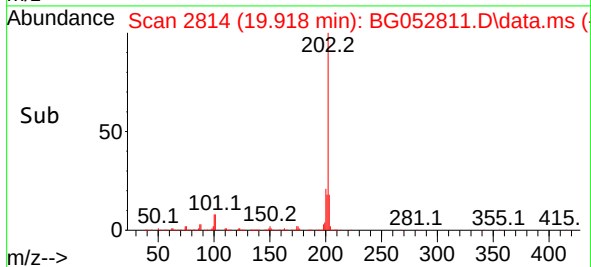
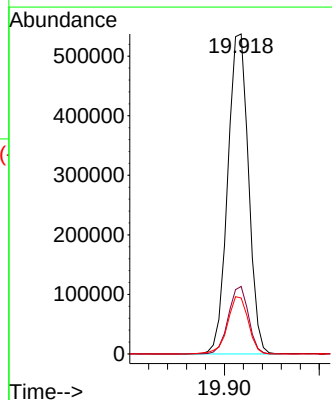
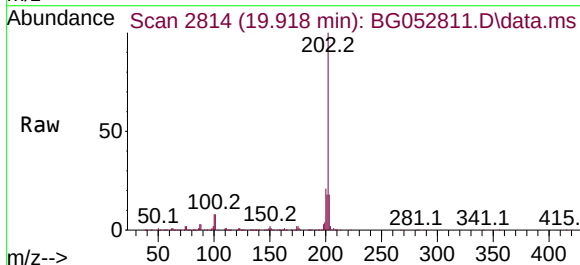
Instrument :
BNA_G
ClientSampleId :
PB143535BS

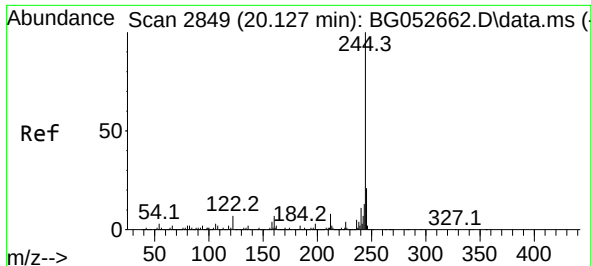
Tgt Ion:184 Resp: 383929
Ion Ratio Lower Upper
184 100
185 13.7 11.5 17.3
183 12.0 9.4 14.2



#78
Pyrene
Concen: 40.143 ng
RT: 19.918 min Scan# 2814
Delta R.T. -0.001 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

Tgt Ion:202 Resp: 816334
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.6
203 17.5 15.0 22.6

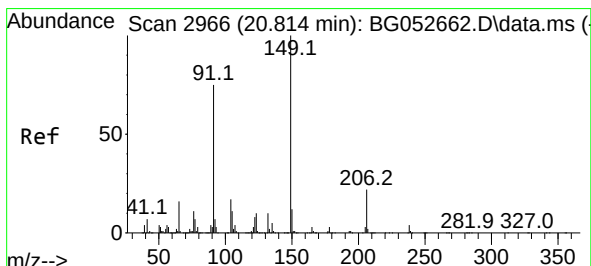
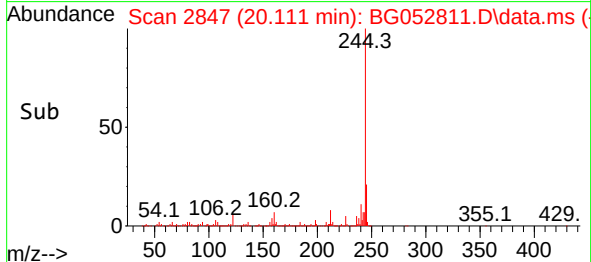
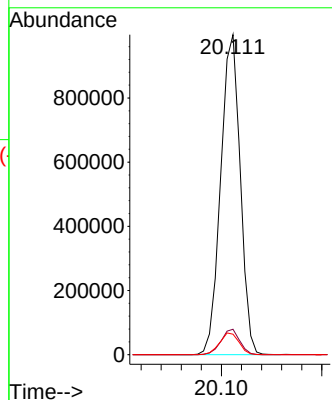
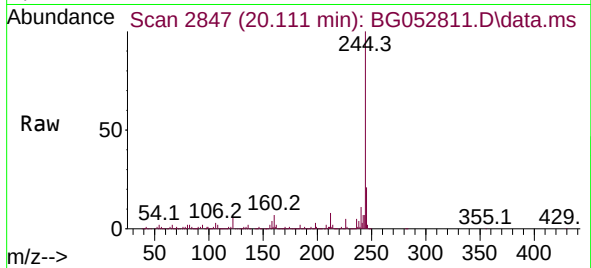




#79
 Terphenyl-d14
 Concen: 81.646 ng
 RT: 20.111 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG052811.D
 Acq: 24 Mar 2022 16:22

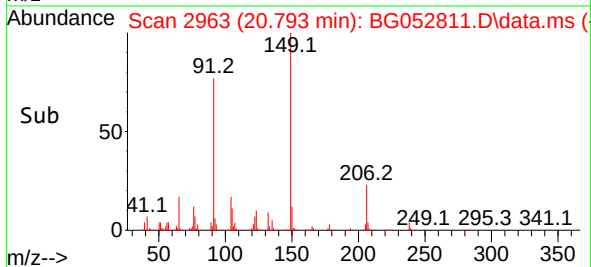
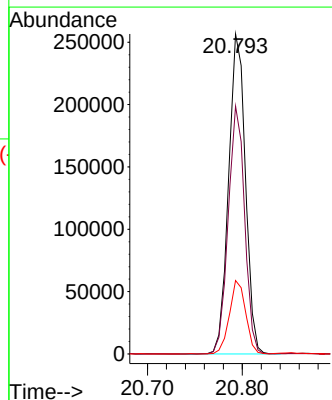
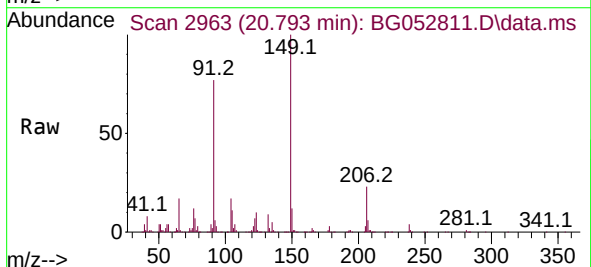
Instrument :
 BNA_G
 ClientSampleId :
 PB143535BS

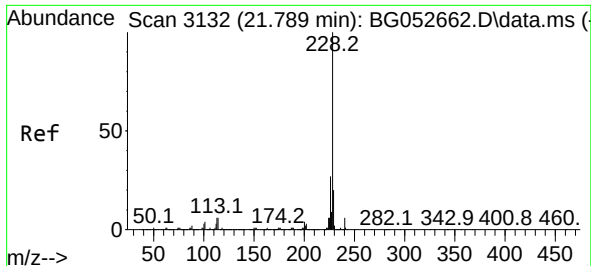
Tgt Ion:244 Resp: 1345556
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.4 8.2
 122 6.4 5.8 8.6



#80
 Butylbenzylphthalate
 Concen: 43.709 ng
 RT: 20.793 min Scan# 2963
 Delta R.T. -0.001 min
 Lab File: BG052811.D
 Acq: 24 Mar 2022 16:22

Tgt Ion:149 Resp: 315300
 Ion Ratio Lower Upper
 149 100
 91 77.5 60.2 90.4
 206 22.9 19.4 29.2

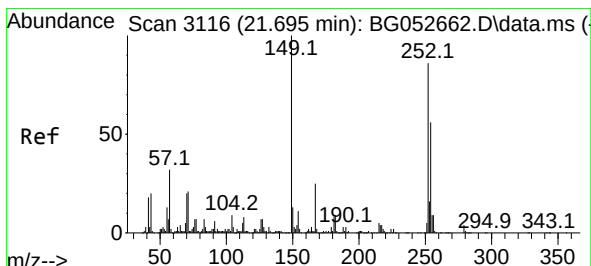
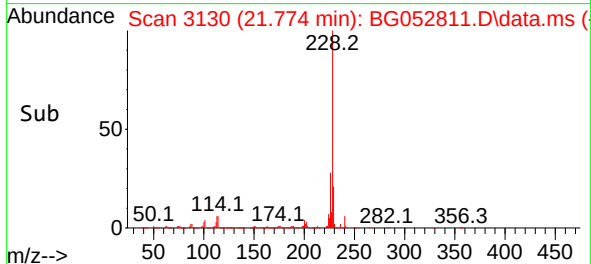
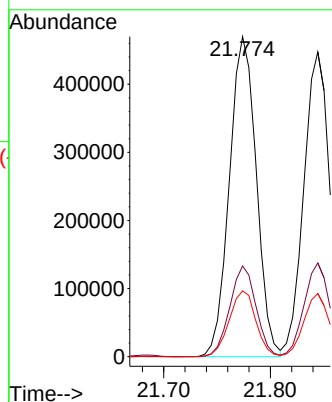
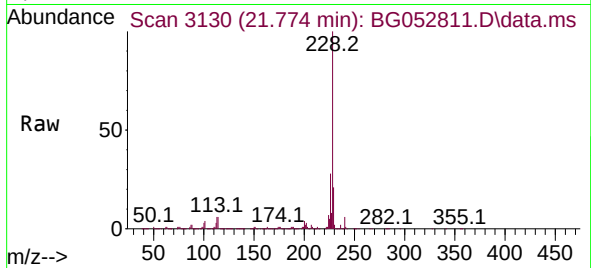




#81
Benzo(a)anthracene
Concen: 42.047 ng
RT: 21.774 min Scan# 3113
Delta R.T. -0.001 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

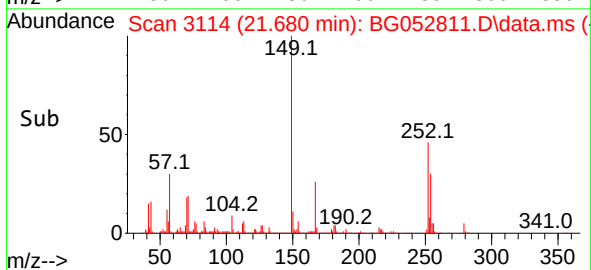
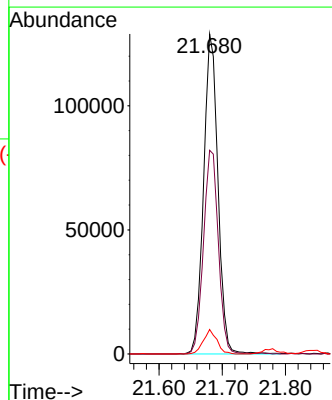
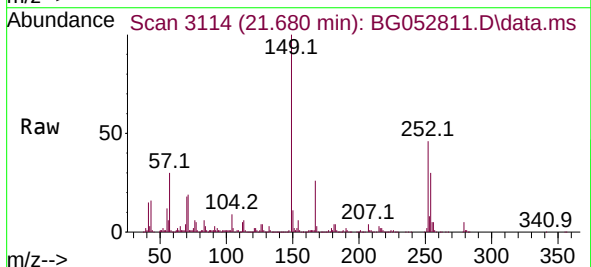
Instrument :
BNA_G
ClientSampleId :
PB143535BS

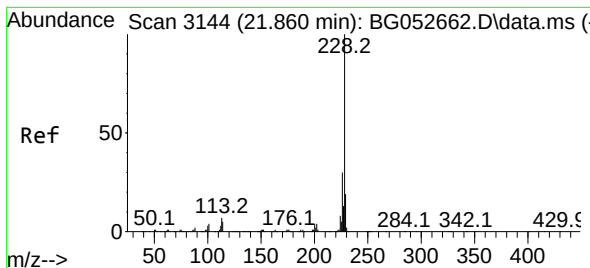
Tgt Ion:228 Resp: 825394
Ion Ratio Lower Upper
228 100
226 28.4 21.4 32.0
229 20.5 16.7 25.1



#82
3,3'-Dichlorobenzidine
Concen: 29.327 ng
RT: 21.680 min Scan# 3114
Delta R.T. -0.007 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

Tgt Ion:252 Resp: 203297
Ion Ratio Lower Upper
252 100
254 63.6 51.2 76.8
126 7.6 5.8 8.8





#83

Chrysene

Concen: 40.769 ng

RT: 21.844 min Scan# 3144

Delta R.T. -0.001 min

Lab File: BG052811.D

Acq: 24 Mar 2022 16:22

Instrument :

BNA_G

ClientSampleId :

PB143535BS

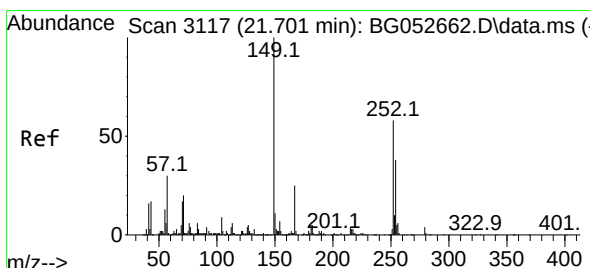
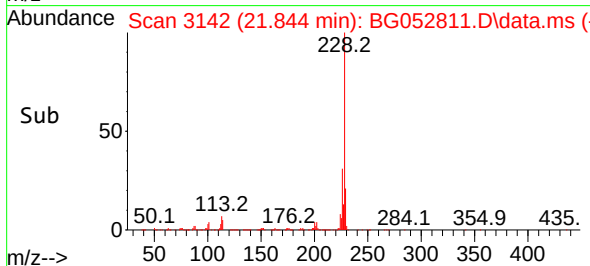
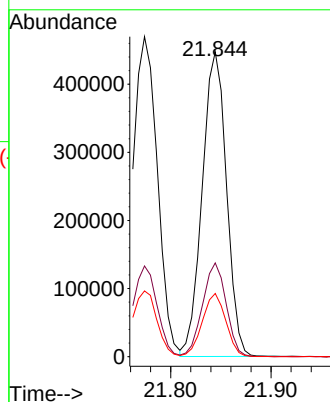
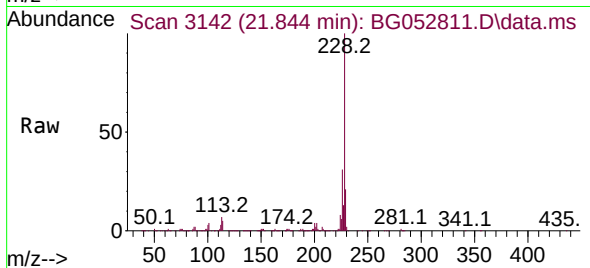
Tgt Ion:228 Resp: 752377

Ion Ratio Lower Upper

228 100

226 30.8 24.2 36.4

229 20.7 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.260 ng

RT: 21.674 min Scan# 3113

Delta R.T. -0.001 min

Lab File: BG052811.D

Acq: 24 Mar 2022 16:22

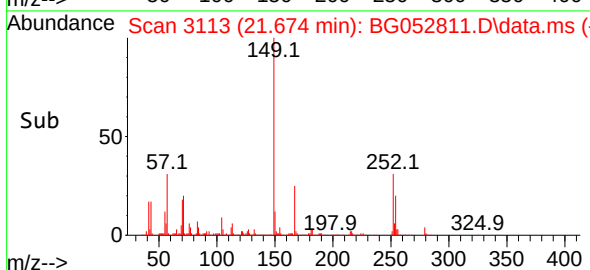
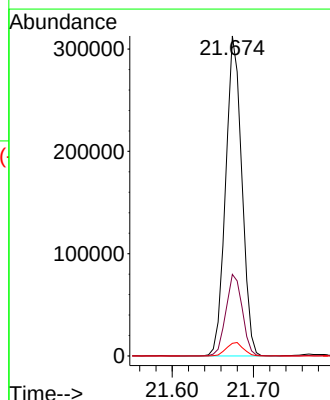
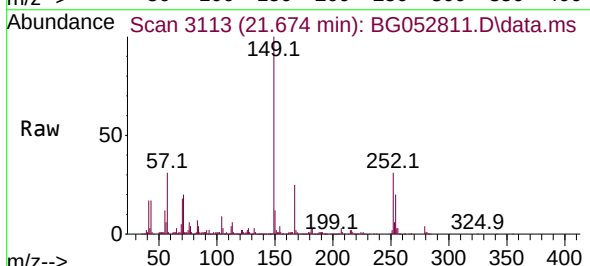
Tgt Ion:149 Resp: 434194

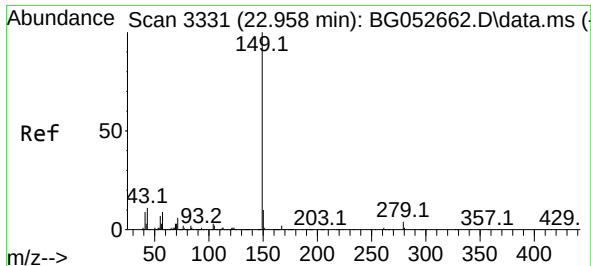
Ion Ratio Lower Upper

149 100

167 25.5 21.4 32.2

279 3.9 3.8 5.8

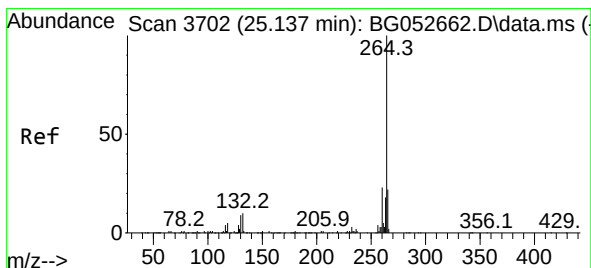
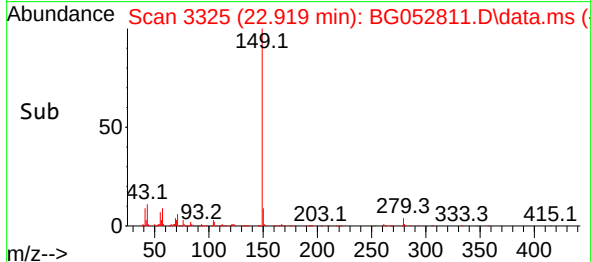
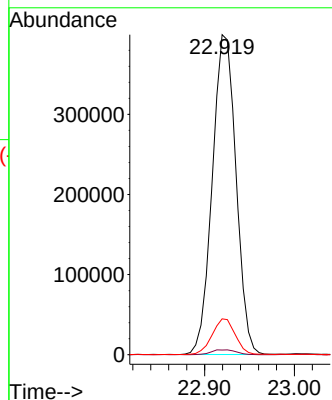
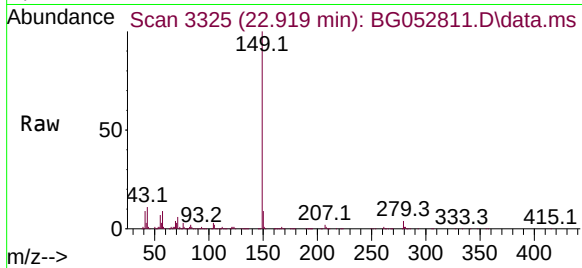




#85
Di-n-octyl phthalate
Concen: 44.907 ng
RT: 22.919 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

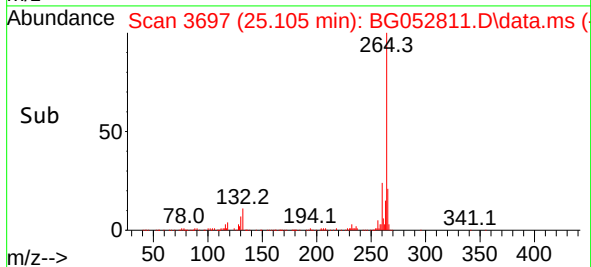
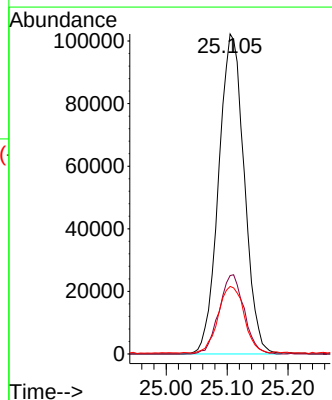
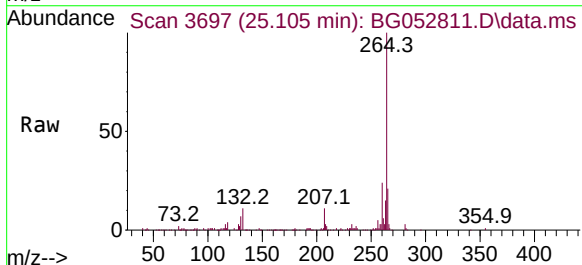
Instrument :
BNA_G
ClientSampleId :
PB143535BS

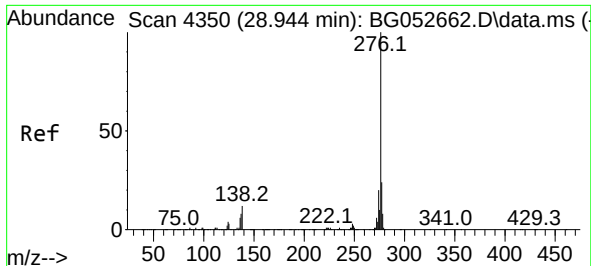
Tgt Ion:149 Resp: 733399
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.1 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.105 min Scan# 3697
Delta R.T. -0.007 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

Tgt Ion:264 Resp: 297710
Ion Ratio Lower Upper
264 100
260 24.5 18.2 27.2
265 21.1 15.1 22.7

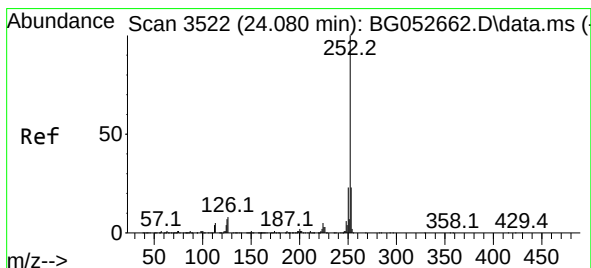
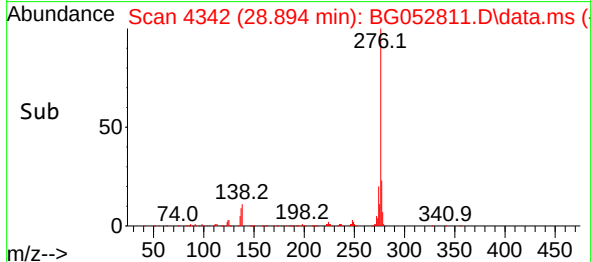
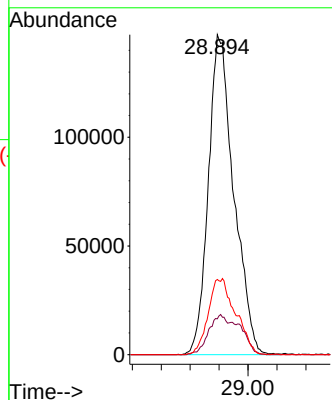
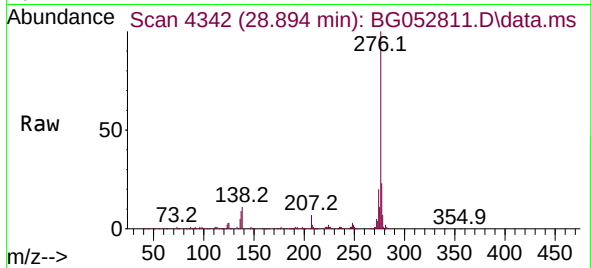




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.997 ng
 RT: 28.894 min Scan# 41
 Delta R.T. -0.007 min
 Lab File: BG052811.D
 Acq: 24 Mar 2022 16:22

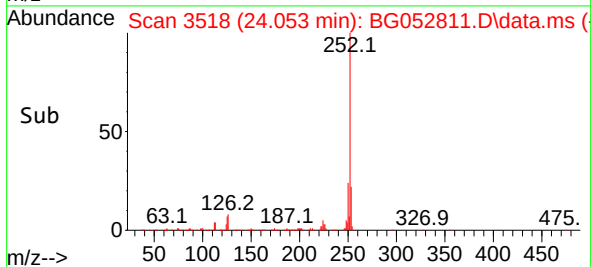
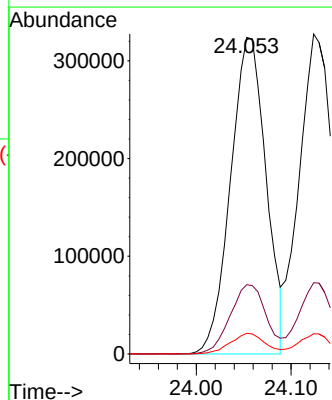
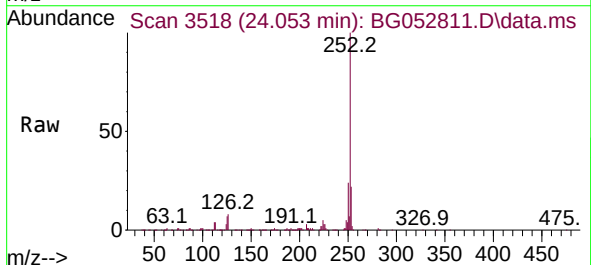
Instrument :
 BNA_G
 ClientSampleId :
 PB143535BS

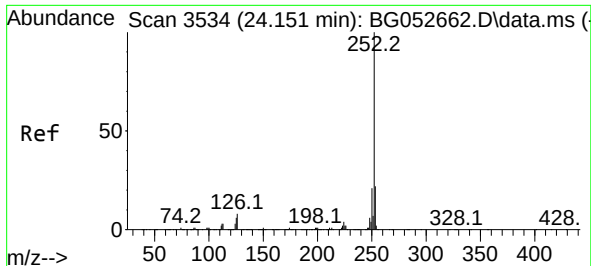
Tgt Ion:276 Resp: 896539
 Ion Ratio Lower Upper
 276 100
 138 9.4 8.7 13.1
 277 12.1 20.2 30.4#



#88
 Benzo(b)fluoranthene
 Concen: 45.553 ng
 RT: 24.053 min Scan# 3518
 Delta R.T. -0.001 min
 Lab File: BG052811.D
 Acq: 24 Mar 2022 16:22

Tgt Ion:252 Resp: 842043
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.2 25.8
 125 6.5 5.2 7.8

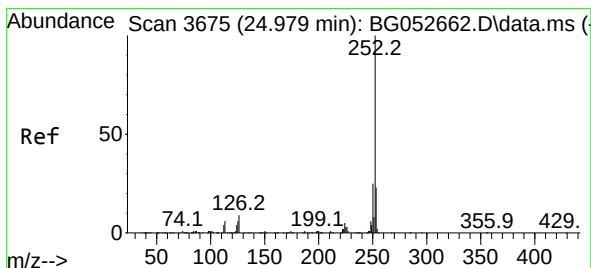
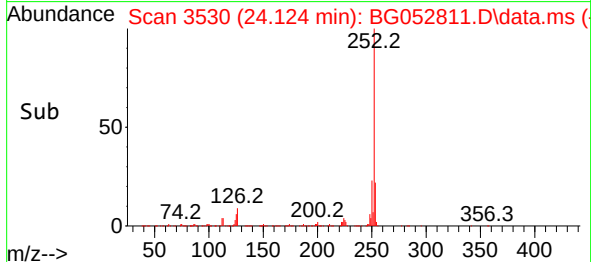
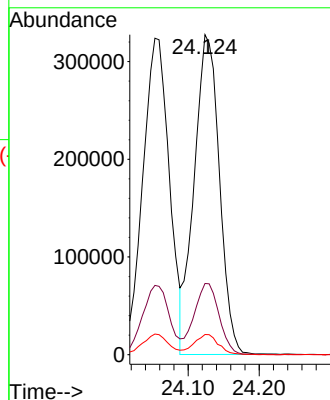
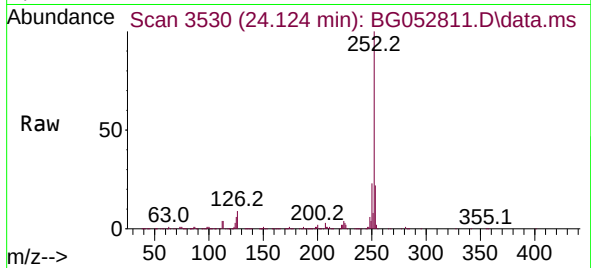




#89
Benzo(k)fluoranthene
Concen: 44.431 ng
RT: 24.124 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

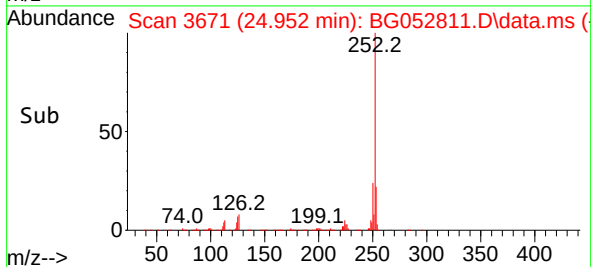
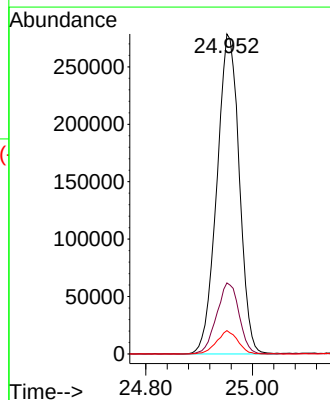
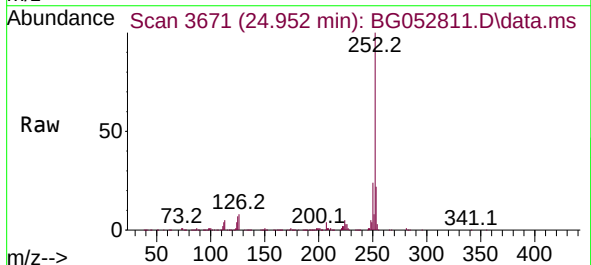
Instrument :
BNA_G
ClientSampleId :
PB143535BS

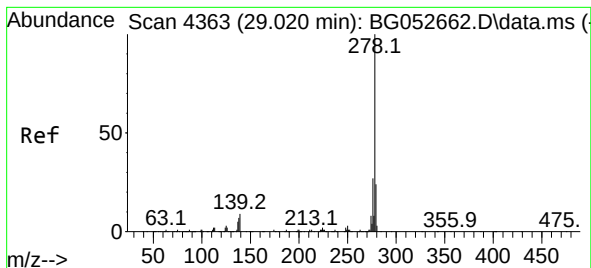
Tgt Ion:252 Resp: 808058
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 6.3 5.0 7.4



#90
Benzo(a)pyrene
Concen: 51.823 ng
RT: 24.952 min Scan# 3671
Delta R.T. -0.001 min
Lab File: BG052811.D
Acq: 24 Mar 2022 16:22

Tgt Ion:252 Resp: 810872
Ion Ratio Lower Upper
252 100
253 22.2 18.4 27.6
125 7.3 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 46.072 ng

RT: 28.976 min Scan# 41

Delta R.T. 0.005 min

Lab File: BG052811.D

Acq: 24 Mar 2022 16:22

Instrument :

BNA_G

ClientSampleId :

PB143535BS

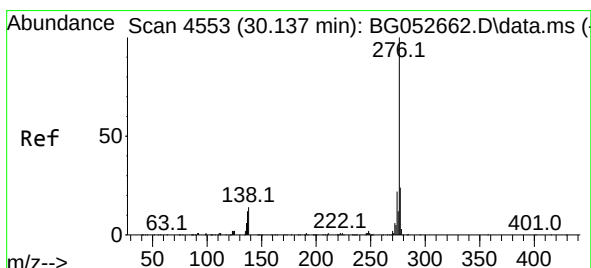
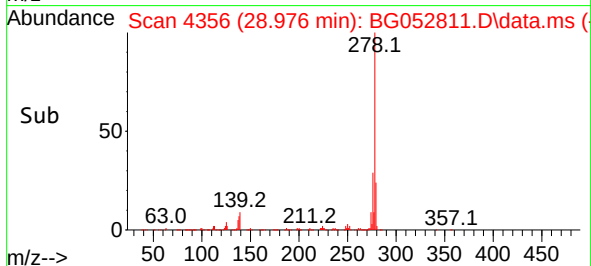
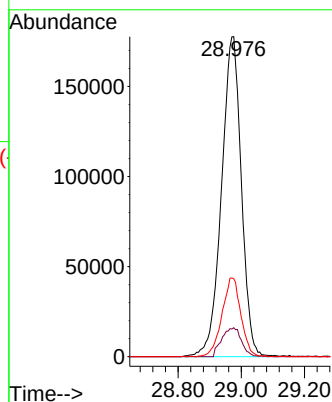
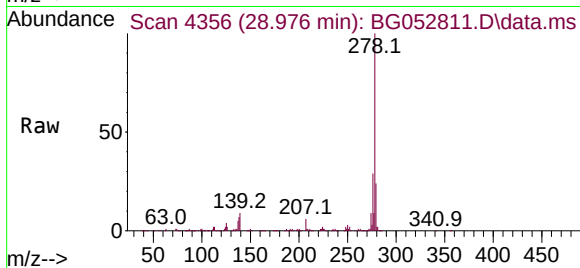
Tgt Ion:278 Resp: 773591

Ion Ratio Lower Upper

278 100

139 9.0 7.8 11.6

279 24.4 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 46.277 ng

RT: 30.092 min Scan# 4546

Delta R.T. -0.001 min

Lab File: BG052811.D

Acq: 24 Mar 2022 16:22

Tgt Ion:276 Resp: 768819

Ion Ratio Lower Upper

276 100

277 22.5 18.2 27.2

138 12.5 9.1 13.7

