

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032020\
 Data File : BG044918.D
 Acq On : 20 Mar 2020 13:56
 Operator : CG/JU
 Sample : PB127702BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127702BS

Quant Time: Mar 21 00:41:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	83203	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	313049	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	219481	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	514891	20.00	ng	0.00
76) Chrysene-d12	21.70	240	482013	20.00	ng	0.00
87) Perylene-d12	24.90	264	551753	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	609041	113.95	ng	0.00
7) Phenol-d6	7.21	99	848632	109.28	ng	0.00
23) Nitrobenzene-d5	9.21	82	459004	64.34	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	356152	123.93	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1010408	65.93	ng	0.00
79) Terphenyl-d14	20.03	244	1676242	65.05	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.52	88	89183	34.65	ng 99
3) Pyridine	3.91	79	223035	29.27	ng 98
4) n-Nitrosodimethylamine	3.82	42	109751	37.96	ng 96
6) Aniline	7.37	93	288464	29.85	ng 96
8) 2-Chlorophenol	7.62	128	225576	42.28	ng 97
9) Benzaldehyde	7.18	77	100737	17.73	ng 96
10) Phenol	7.24	94	309474	40.25	ng 97
11) bis(2-Chloroethyl)ether	7.46	93	223553	36.43	ng 96
12) 1,3-Dichlorobenzene	7.94	146	243517	37.05	ng 98
13) 1,4-Dichlorobenzene	8.08	146	250022	38.48	ng 96
14) 1,2-Dichlorobenzene	8.41	146	233129	37.83	ng 99
15) Benzyl Alcohol	8.28	79	236411	37.94	ng 92
16) 2,2'-oxybis(1-Chloropropan	8.58	45	320740	29.62	ng 98
17) 2-Methylphenol	8.49	107	208708	40.08	ng 96
18) Hexachloroethane	9.14	117	95171	37.20	ng 94
19) n-Nitroso-di-n-propylamine	8.86	70	187332	34.16	ng 98
20) 3+4-Methylphenols	8.82	107	287400	40.03	ng 97
22) Acetophenone	8.87	105	346884	39.11	ng 98
24) Nitrobenzene	9.25	77	282041	38.10	ng 97
25) Isophorone	9.78	82	521667	37.47	ng 99
26) 2-Nitrophenol	9.96	139	117531	45.99	ng 96
27) 2,4-Dimethylphenol	10.03	122	219991	48.52	ng 94
28) bis(2-Chloroethoxy)methane	10.26	93	300587	36.17	ng 99
29) 2,4-Dichlorophenol	10.50	162	232836	43.96	ng 96
30) 1,2,4-Trichlorobenzene	10.72	180	248764	39.28	ng 95
31) Naphthalene	10.91	128	688811	39.72	ng 99
32) Benzoic acid	10.16	122	132984	39.73	ng 98
33) 4-Chloroaniline	11.01	127	172190	22.04	ng 100
34) Hexachlorobutadiene	11.21	225	166324	39.94	ng 96
35) Caprolactam	11.77	113	41532	20.71	ng 93
36) 4-Chloro-3-methylphenol	12.13	107	260982	41.32	ng 95
37) 2-Methylnaphthalene	12.51	142	516902	39.85	ng 98
38) 1-Methylnaphthalene	12.73	142	487816	40.00	ng 99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	274976	38.04	ng 99

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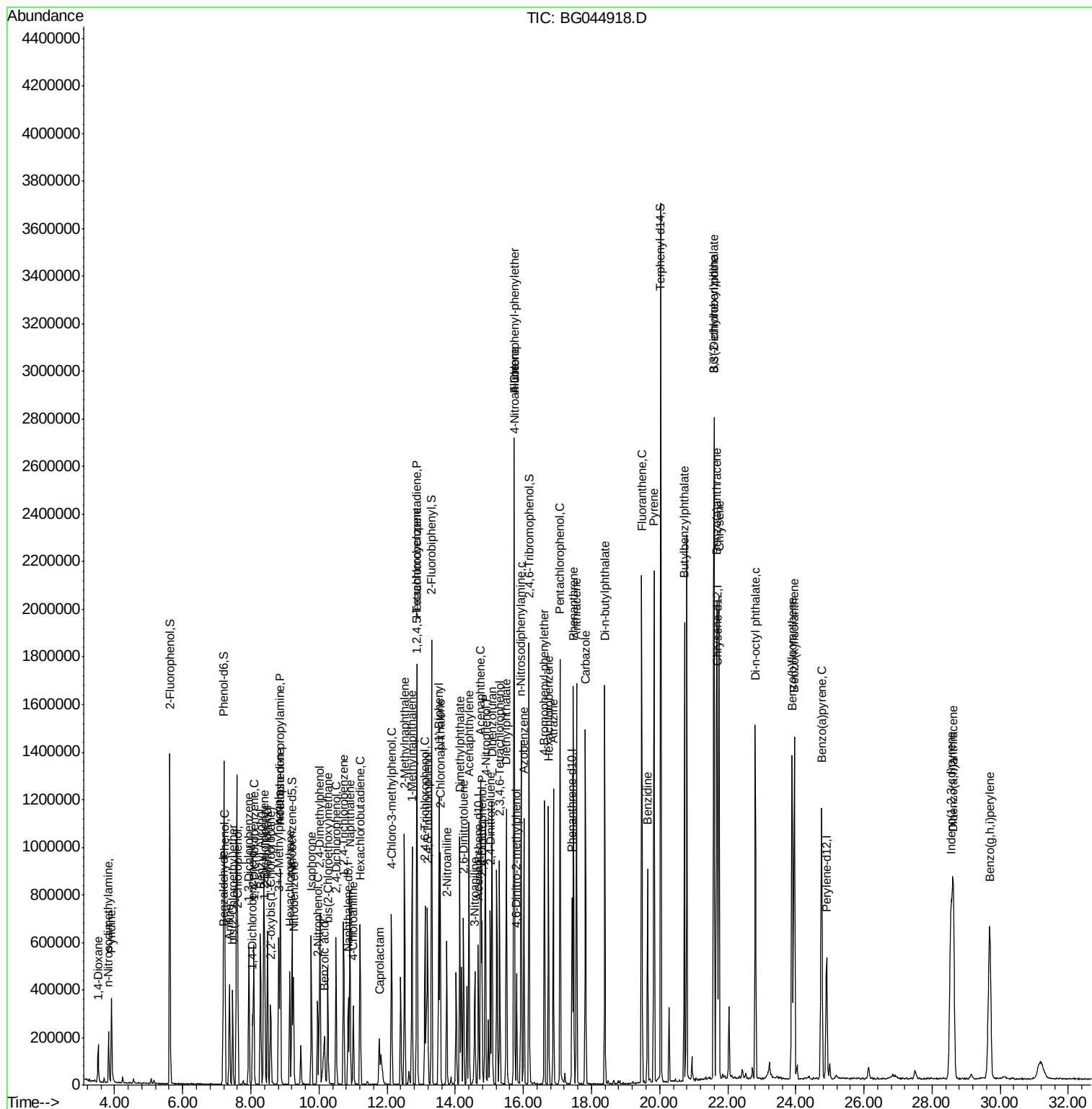
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	370365	93.76	ng	99
43) 2,4,6-Trichlorophenol	13.11	196	202686	42.25	ng	98
44) 2,4,5-Trichlorophenol	13.19	196	207391	41.69	ng	92
46) 1,1'-Biphenyl	13.52	154	640482	36.52	ng	98
47) 2-Chloronaphthalene	13.56	162	496133	37.03	ng	99
48) 2-Nitroaniline	13.75	65	176316	37.59	ng	98
49) Acenaphthylene	14.40	152	827482	39.42	ng	98
50) Dimethylphthalate	14.13	163	672837	38.49	ng	100
51) 2,6-Dinitrotoluene	14.25	165	152969	43.41	ng	99
52) Acenaphthene	14.74	154	581837	42.32	ng	98
53) 3-Nitroaniline	14.57	138	116177	28.68	ng	90
54) 2,4-Dinitrophenol	14.78	184	163140	87.71	ng	99
55) Dibenzofuran	15.08	168	788734	39.57	ng	99
56) 4-Nitrophenol	14.89	139	287810	93.09	ng	91
57) 2,4-Dinitrotoluene	15.03	165	220236	45.57	ng	# 99
58) Fluorene	15.73	166	651068	39.70	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	204629	44.68	ng	95
60) Diethylphthalate	15.50	149	686782	37.67	ng	99
61) 4-Chlorophenyl-phenylether	15.72	204	349479	39.58	ng	98
62) 4-Nitroaniline	15.74	138	157564	36.48	ng	93
63) Azobenzene	16.01	77	680900	35.96	ng	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	117143	48.29	ng	95
66) n-Nitrosodiphenylamine	15.93	169	584241	37.69	ng	96
67) 4-Bromophenyl-phenylether	16.61	248	243277	37.79	ng	95
68) Hexachlorobenzene	16.74	284	266953	38.23	ng	97
69) Atrazine	16.88	200	255103	44.92	ng	99
70) Pentachlorophenol	17.08	266	341434	88.86	ng	98
71) Phenanthrene	17.47	178	1063061	38.64	ng	99
72) Anthracene	17.56	178	1098546	40.49	ng	100
73) Carbazole	17.82	167	1034321	39.69	ng	99
74) Di-n-butylphthalate	18.39	149	1229989	38.82	ng	99
75) Fluoranthene	19.47	202	1370839	41.84	ng	99
77) Benzidine	19.64	184	525897	33.61	ng	99
78) Pyrene	19.83	202	1365552	38.61	ng	99
80) Butylbenzylphthalate	20.73	149	584855	37.17	ng	98
81) Benzo(a)anthracene	21.67	228	1335006	38.46	ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	432277	32.19	ng	99
83) Chrysene	21.74	228	1264240	38.13	ng	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	799600	36.83	ng	99
85) Di-n-octyl phthalate	22.81	149	1392607	38.33	ng	99
86) Indeno(1,2,3-cd)pyrene	28.56	276	1699573	39.10	ng	# 98
88) Benzo(b)fluoranthene	23.89	252	1450145	39.81	ng	98
89) Benzo(k)fluoranthene	23.96	252	1378694	40.00	ng	99
90) Benzo(a)pyrene	24.76	252	1332362	39.09	ng	98
91) Dibenzo(a,h)anthracene	28.62	278	1369610	40.73	ng	# 95
92) Benzo(g,h,i)perylene	29.69	276	1422292	41.87	ng	96

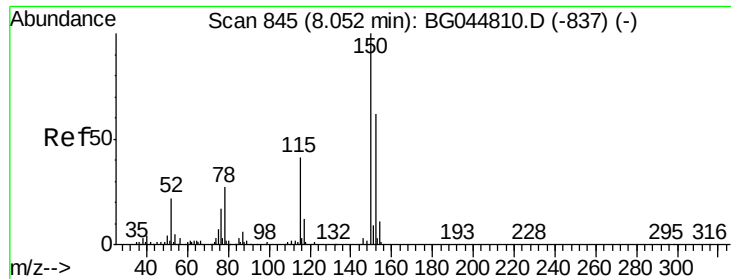
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.05 min Scan# 845

Delta R.T. 0.00 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

Instrument :

BNA_G

ClientSampleId :

PB127702BS

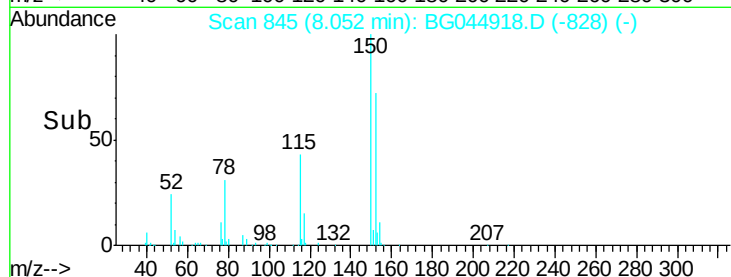
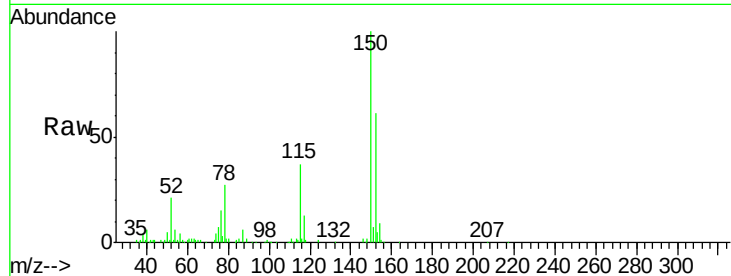
Tgt Ion:152 Resp: 83203

Ion Ratio Lower Upper

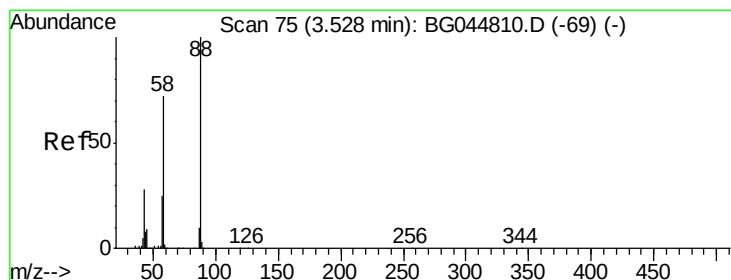
152 100

150 163.5 128.8 193.2

115 60.5 52.6 79.0



Time-->



#2

1,4-Dioxane

Concen: 34.65 ng

RT: 3.52 min Scan# 73

Delta R.T. -0.01 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

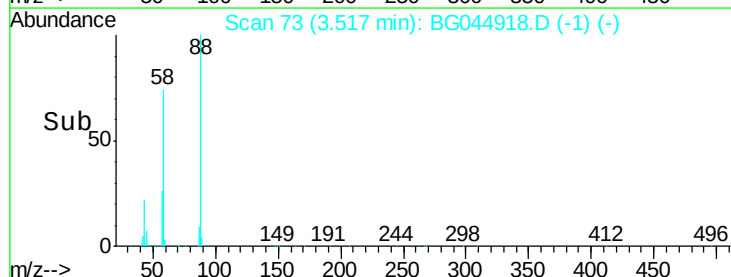
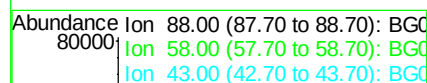
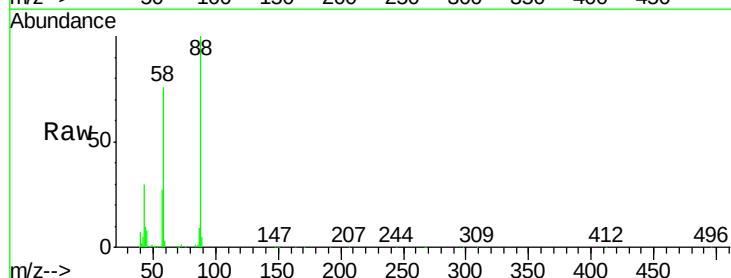
Tgt Ion: 88 Resp: 89183

Ion Ratio Lower Upper

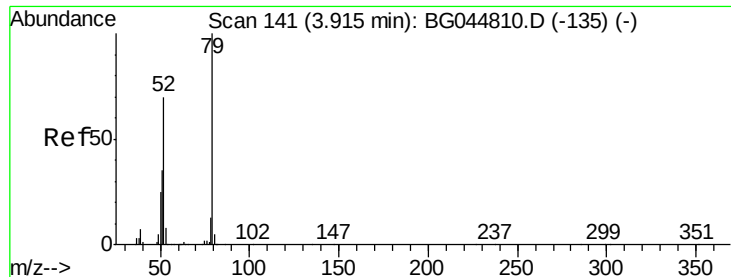
88 100

58 77.8 63.0 94.4

43 30.2 24.8 37.2



Time-->



#3

Pyridine

Concen: 29.27 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.01 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

Instrument :

BNA_G

ClientSampleId :

PB127702BS

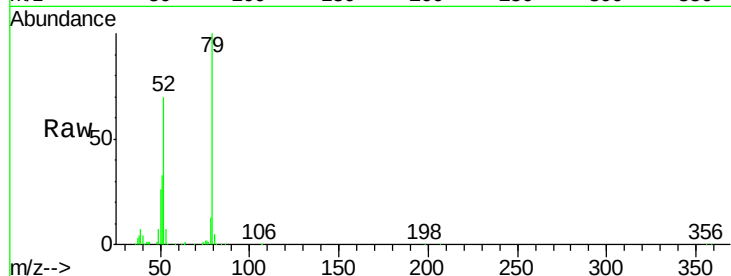
Tgt Ion: 79 Resp: 223035

Ion Ratio Lower Upper

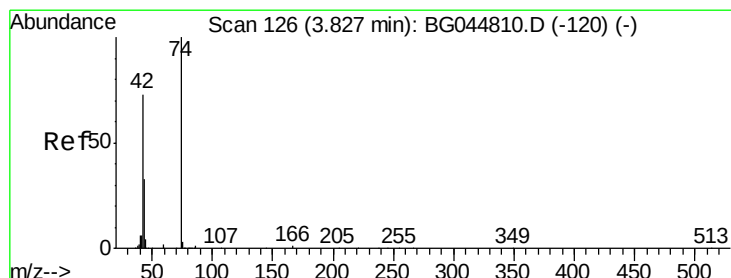
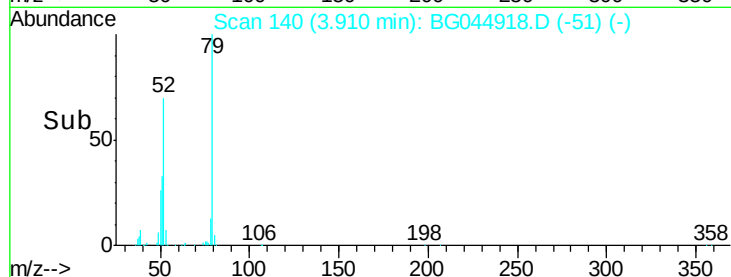
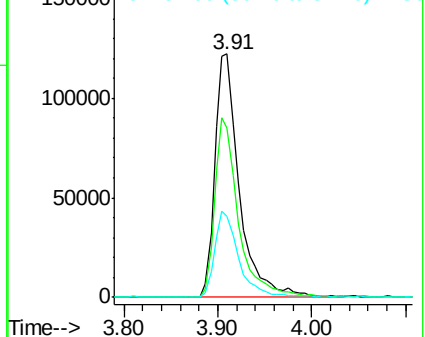
79 100

52 69.7 56.3 84.5

51 33.3 28.1 42.1



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 37.96 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

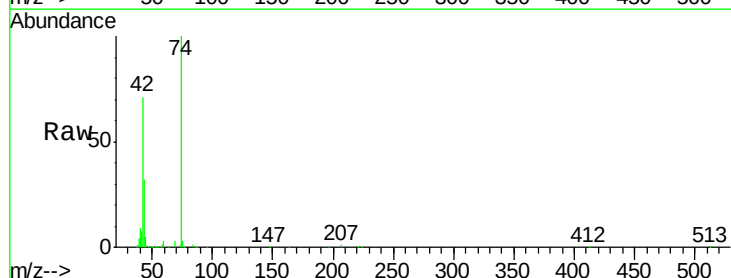
Tgt Ion: 42 Resp: 109751

Ion Ratio Lower Upper

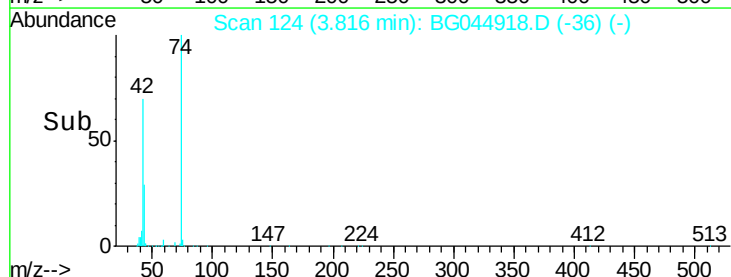
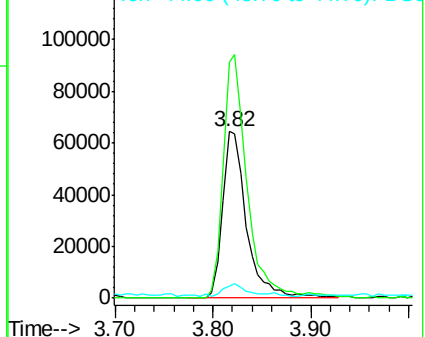
42 100

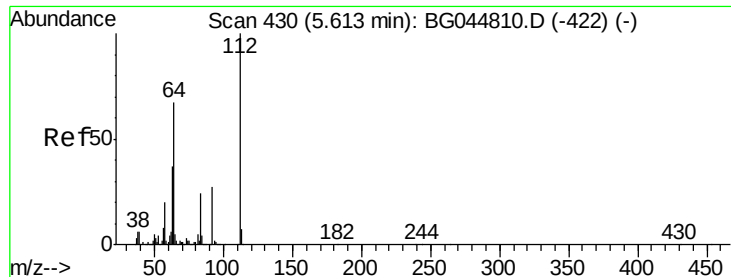
74 141.6 109.1 163.7

44 7.1 5.4 8.2



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 113.95 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.01 min

Lab File: BG044918.D

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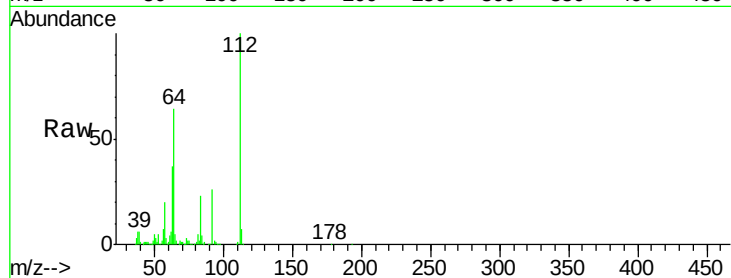
Tgt Ion: 112 Resp: 609041

Ion Ratio Lower Upper

112 100

64 64.0 53.4 80.2

63 36.5 29.4 44.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

500000

400000

300000

200000

100000

0

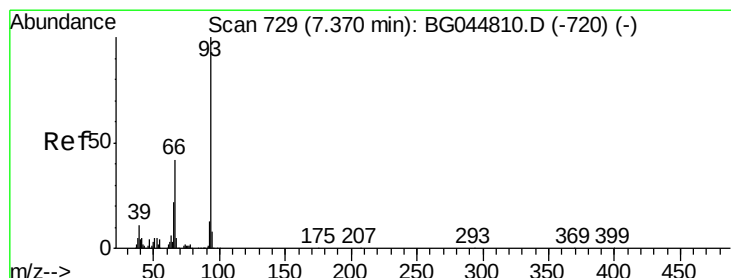
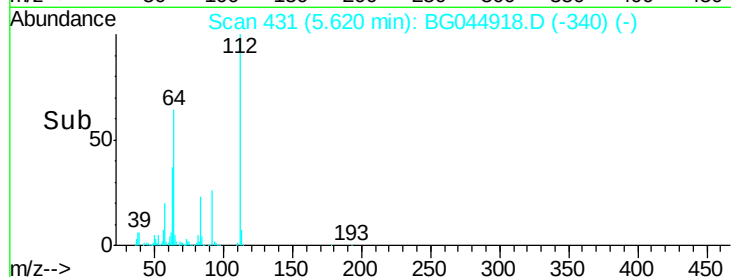
5.62

5.50

5.60

5.70

Time-->



#6

Aniline

Concen: 29.85 ng

RT: 7.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

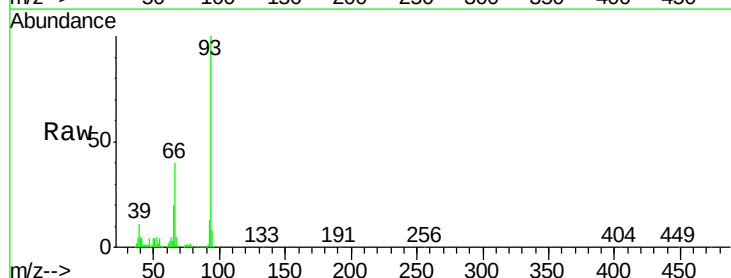
Tgt Ion: 93 Resp: 288464

Ion Ratio Lower Upper

93 100

66 39.7 33.7 50.5

65 20.0 17.7 26.5



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

200000

150000

100000

50000

0

7.37

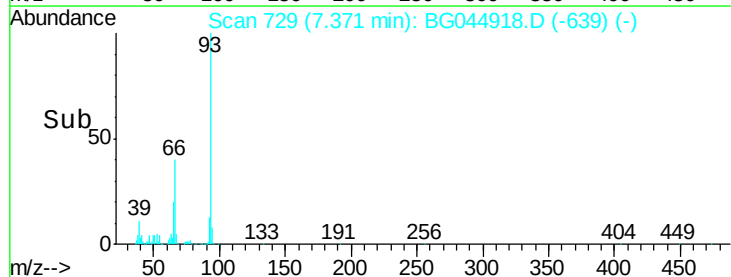
7.30

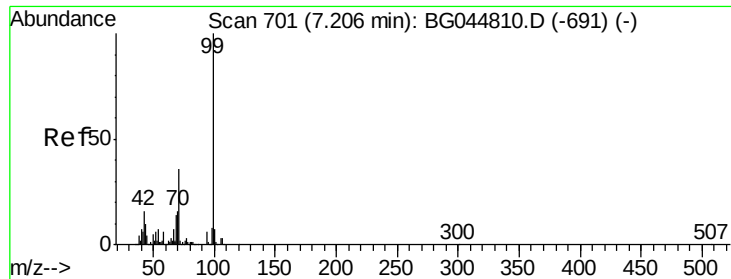
7.35

7.40

7.45

Time-->





#7

Phenol-d6

Concen: 109.28 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

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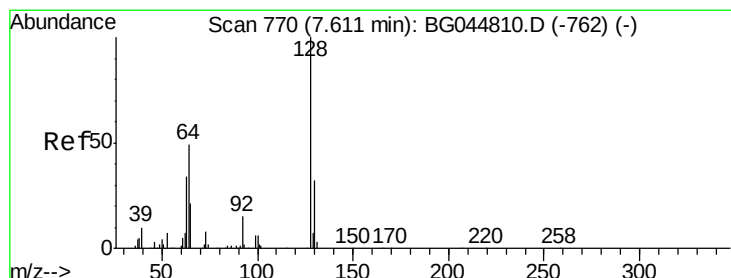
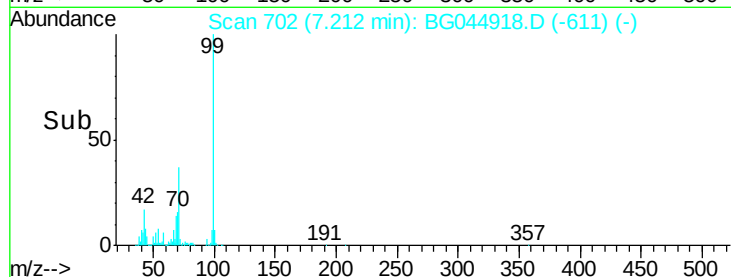
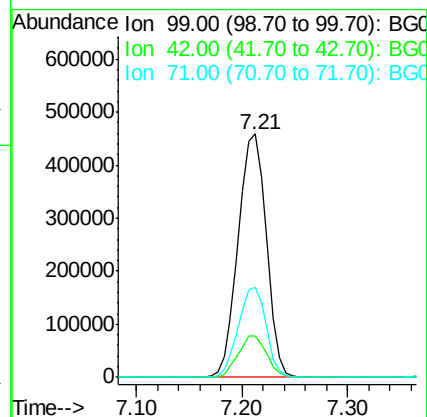
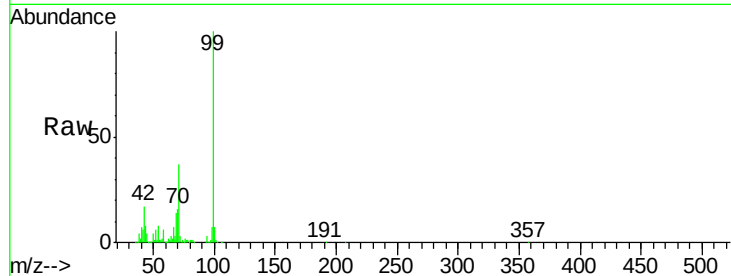
Tgt Ion: 99 Resp: 848632

Ion Ratio Lower Upper

99 100

42 17.2 12.6 19.0

71 37.2 29.0 43.4



#8

2-Chlorophenol

Concen: 42.28 ng

RT: 7.62 min Scan# 771

Delta R.T. 0.01 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

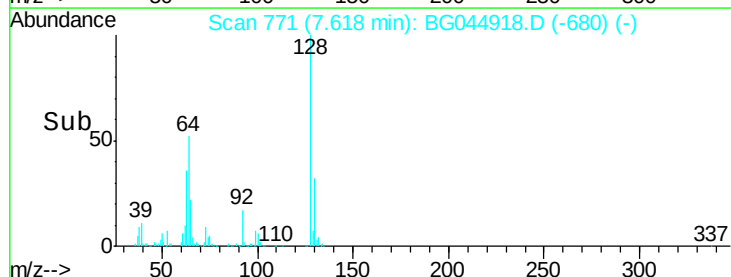
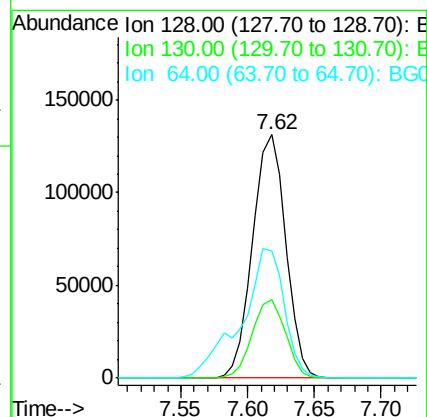
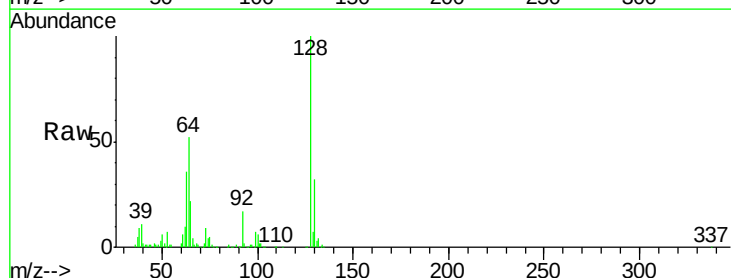
Tgt Ion: 128 Resp: 225576

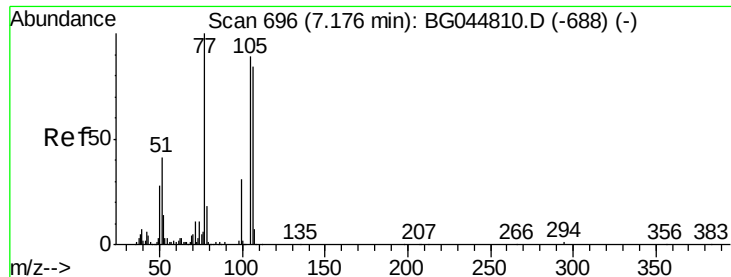
Ion Ratio Lower Upper

128 100

130 32.1 11.6 51.6

64 52.0 34.5 74.5





#9

Benzaldehyde

Concen: 17.73 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.01 min

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Acq: 20 Mar 2020 13:56

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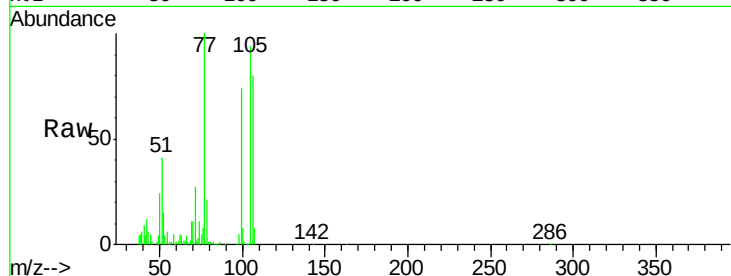
Tgt Ion: 77 Resp: 100737

Ion Ratio Lower Upper

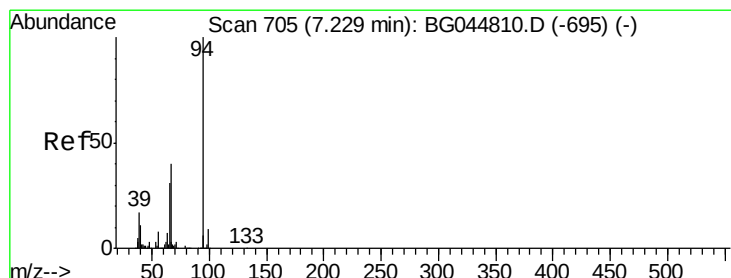
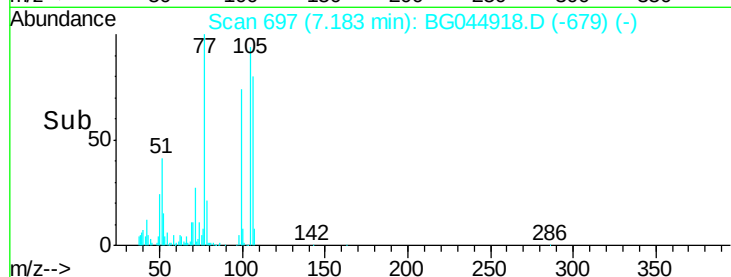
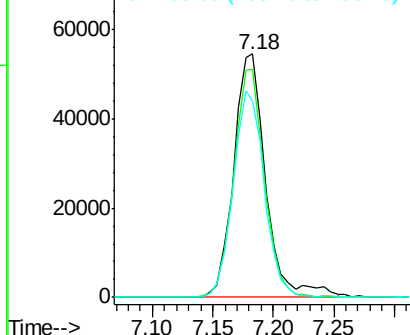
77 100

105 93.5 69.3 109.3

106 80.4 64.5 104.5



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 40.25 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

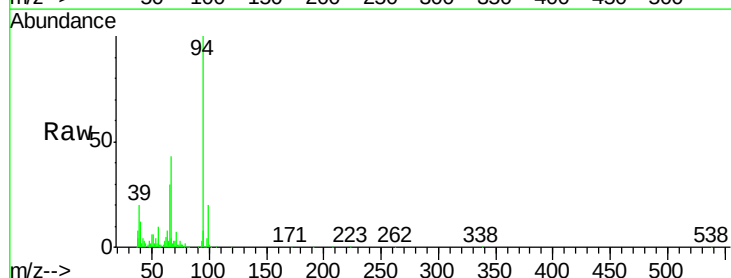
Tgt Ion: 94 Resp: 309474

Ion Ratio Lower Upper

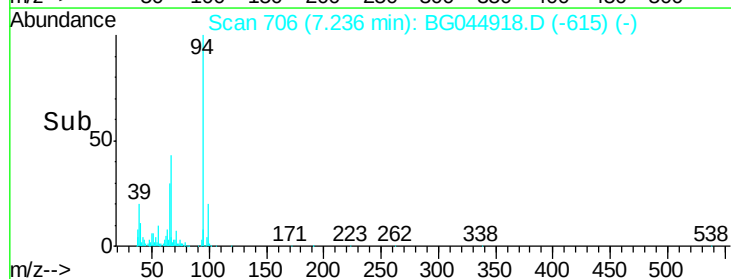
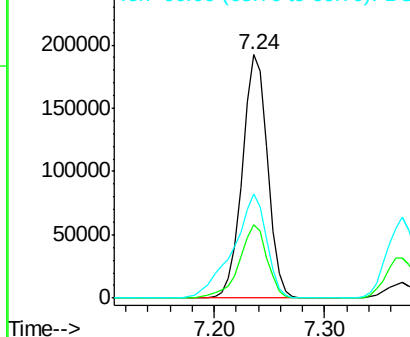
94 100

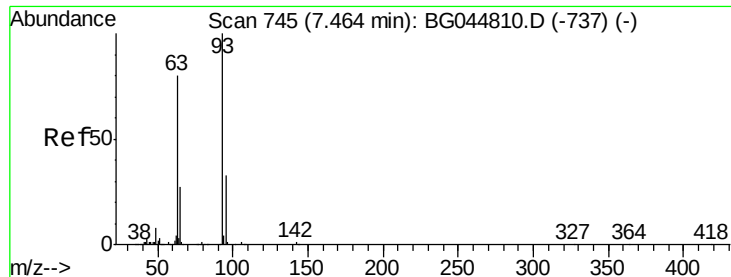
65 30.3 11.0 51.0

66 42.8 20.1 60.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

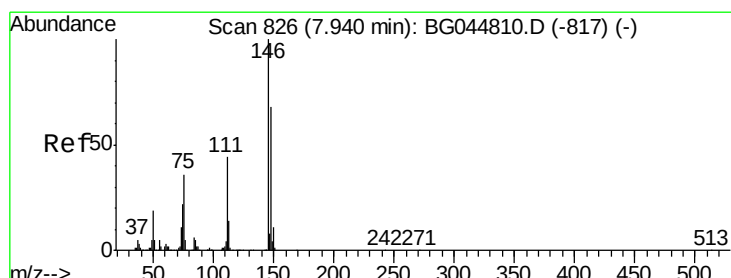
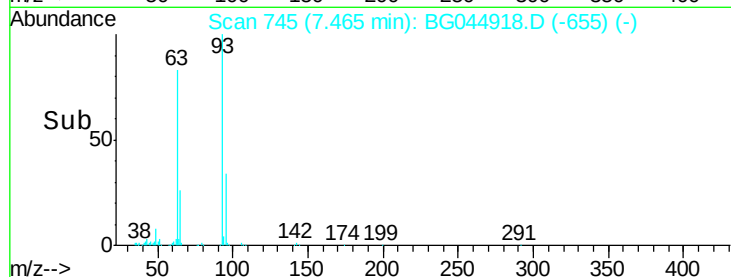
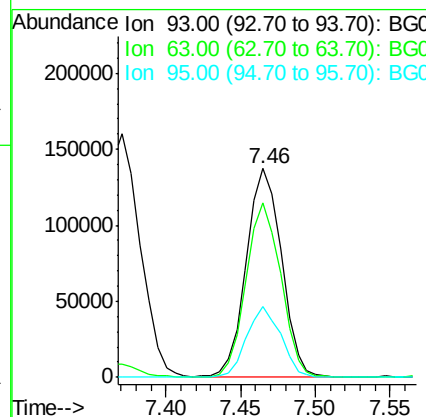
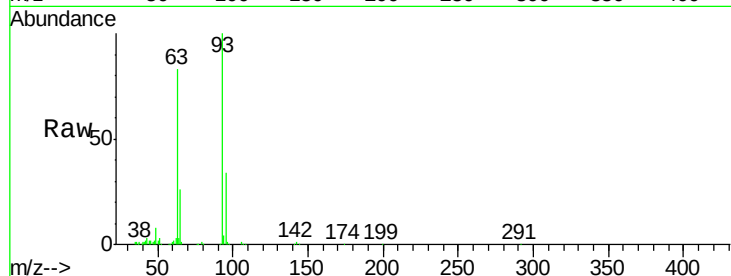




#11
bis(2-Chloroethyl)ether
Concen: 36.43 ng
RT: 7.46 min Scan# 745
Delta R.T. 0.00 min
Lab File: BG044918.D
Acq: 20 Mar 2020 13:56

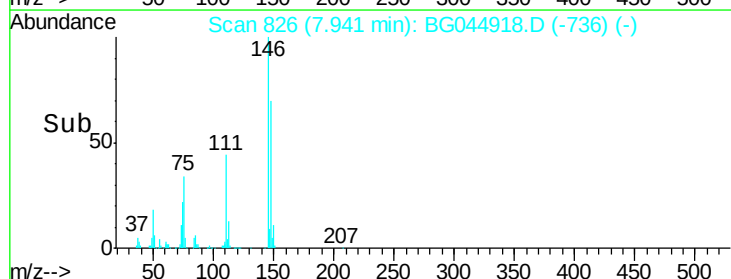
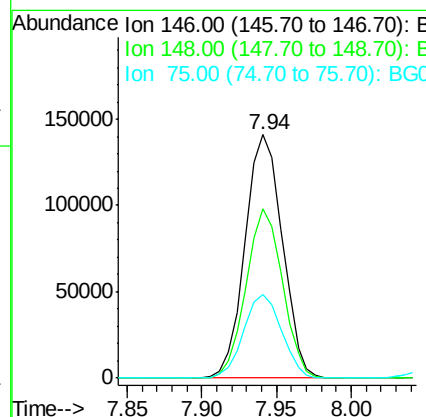
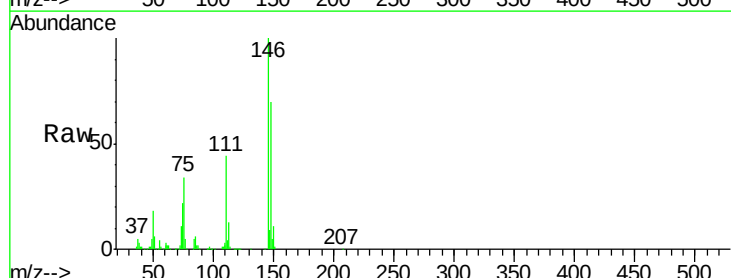
Instrument :
BNA_G
ClientSampleId :
PB127702BS

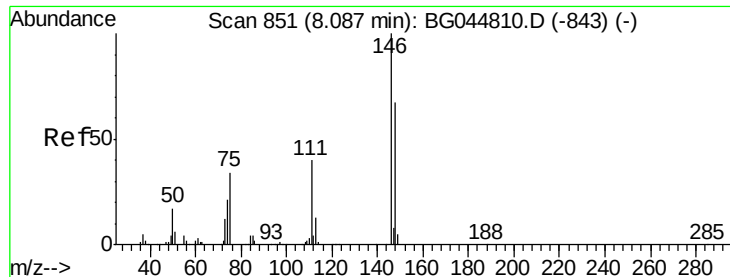
Tgt Ion: 93 Resp: 223553
Ion Ratio Lower Upper
93 100
63 83.4 59.7 99.7
95 34.2 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 37.05 ng
RT: 7.94 min Scan# 826
Delta R.T. 0.00 min
Lab File: BG044918.D
Acq: 20 Mar 2020 13:56

Tgt Ion: 146 Resp: 243517
Ion Ratio Lower Upper
146 100
148 69.6 54.2 81.4
75 34.1 28.6 42.8

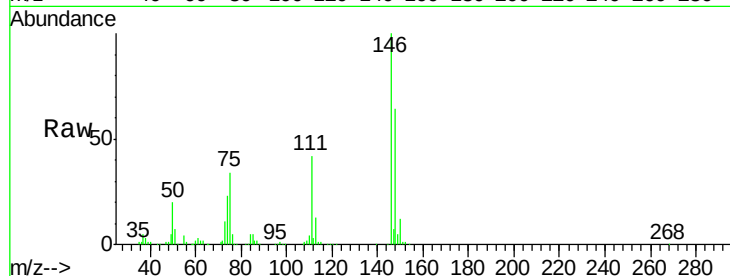




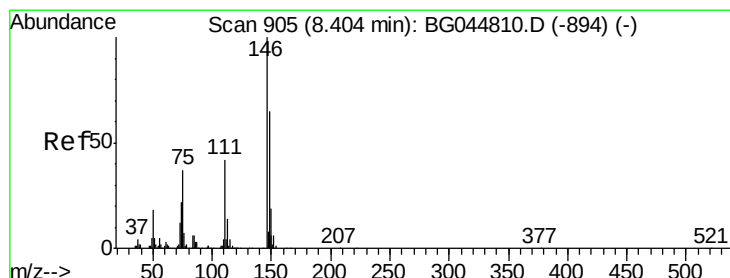
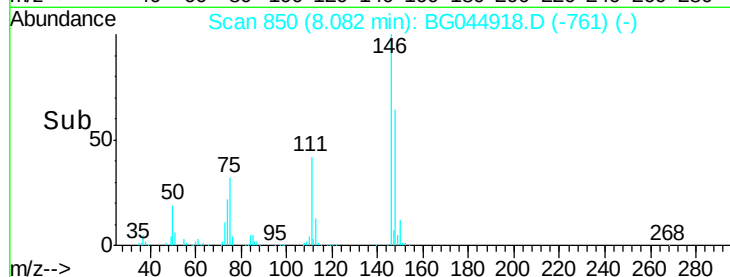
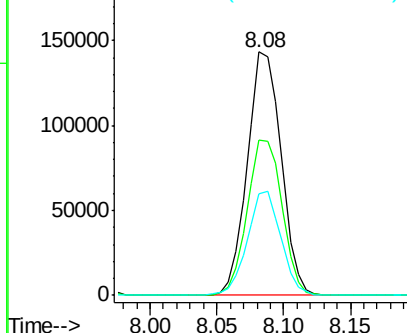
#13
 1,4-Dichlorobenzene
 Concen: 38.48 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BG044918.D
 Acq: 20 Mar 2020 13:56

Instrument :
 BNA_G
 ClientSampleId :
 PB127702BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	53.8	80.6
111	41.9	32.0	48.0

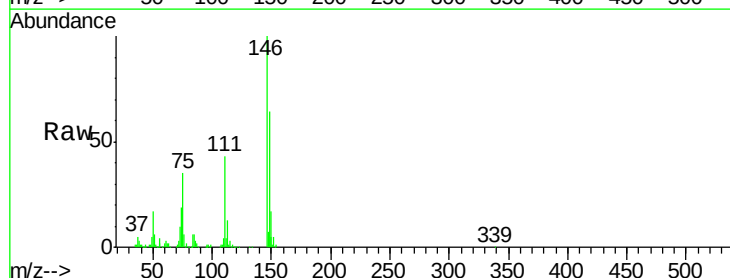


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

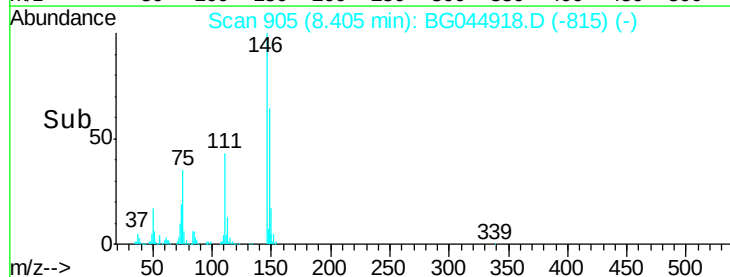
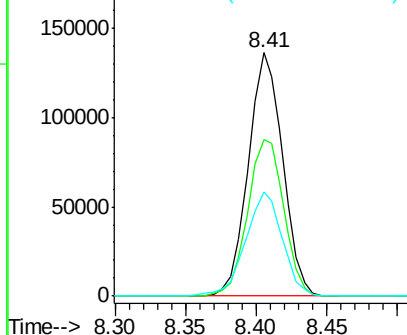


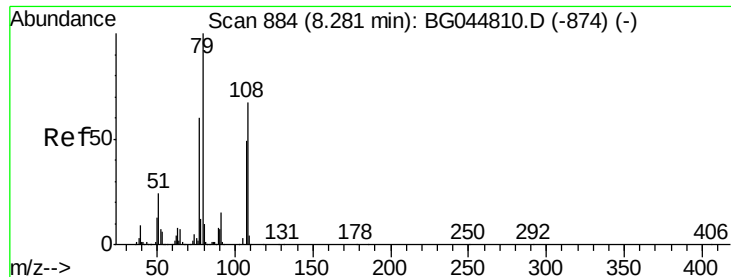
#14
 1,2-Dichlorobenzene
 Concen: 37.83 ng
 RT: 8.41 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BG044918.D
 Acq: 20 Mar 2020 13:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.1	78.1
111	42.7	33.4	50.2



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.94 ng

RT: 8.28 min Scan# 884

Delta R.T. 0.00 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

Instrument :

BNA_G

ClientSampleId :

PB127702BS

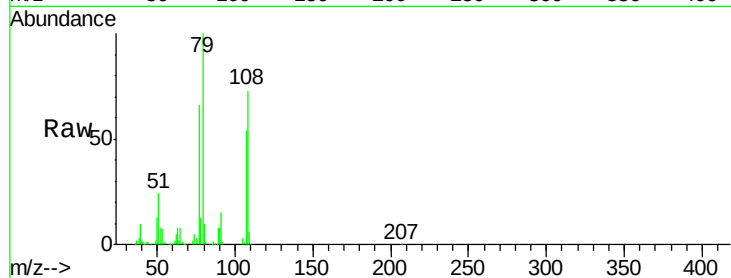
Tgt Ion: 79 Resp: 236411

Ion Ratio Lower Upper

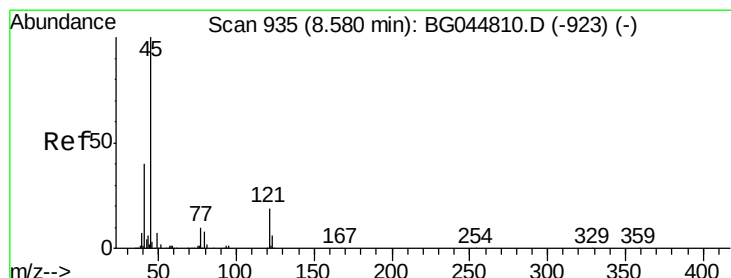
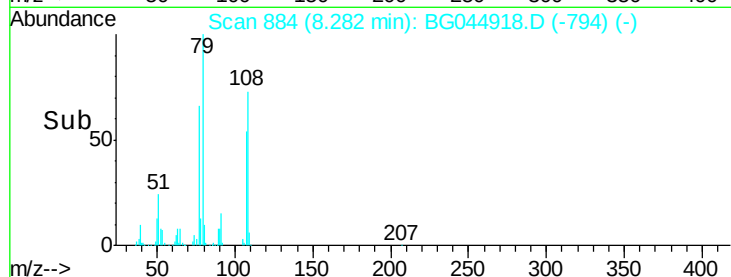
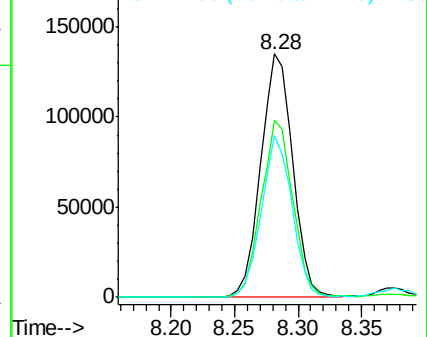
79 100

108 73.0 53.8 80.8

77 66.3 47.8 71.8



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.62 ng

RT: 8.58 min Scan# 935

Delta R.T. 0.00 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

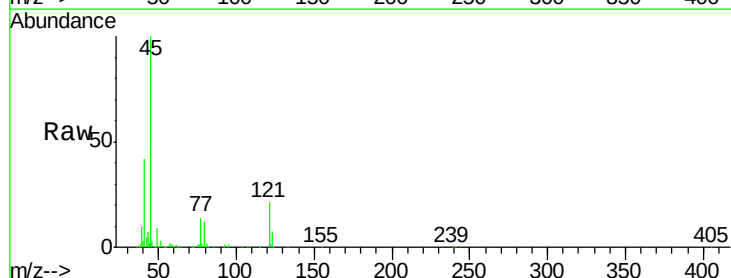
Tgt Ion: 45 Resp: 320740

Ion Ratio Lower Upper

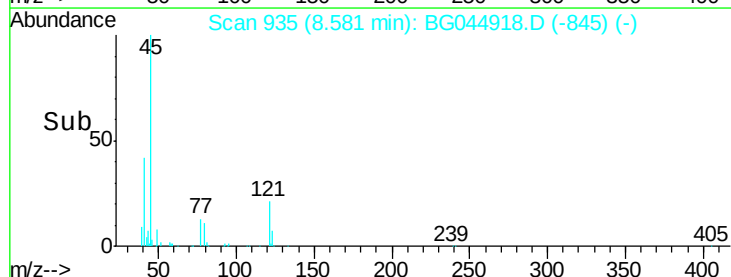
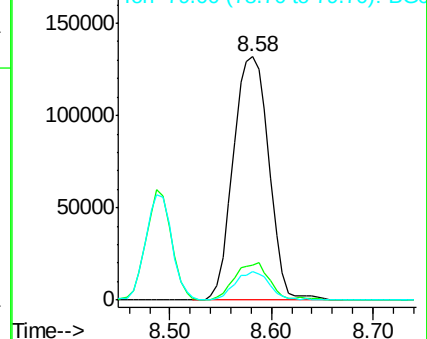
45 100

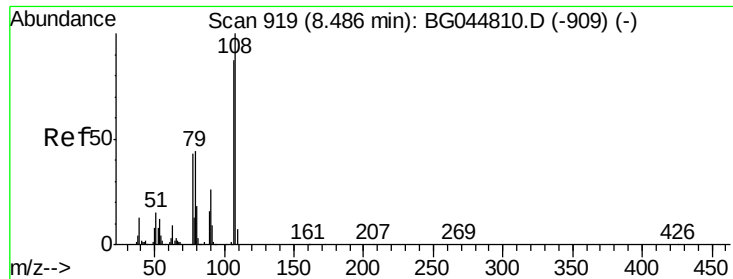
77 14.3 0.0 33.9

79 11.6 0.0 30.8



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 40.08 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.00 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

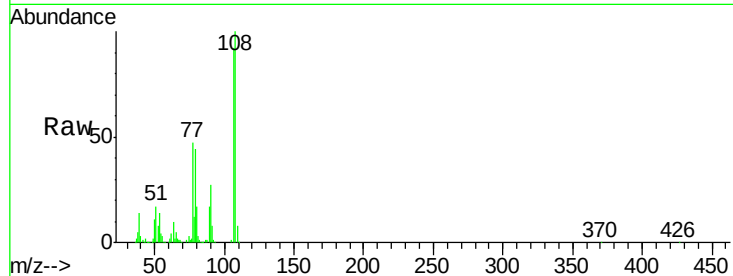
Instrument :

BNA_G

ClientSampleId :

PB127702BS

Tgt Ion:	107	Resp:	208708
Ion	Ratio	Lower	Upper
107	100		
108	108.1	91.8	137.8
77	50.6	40.0	60.0
79	48.1	40.2	60.2

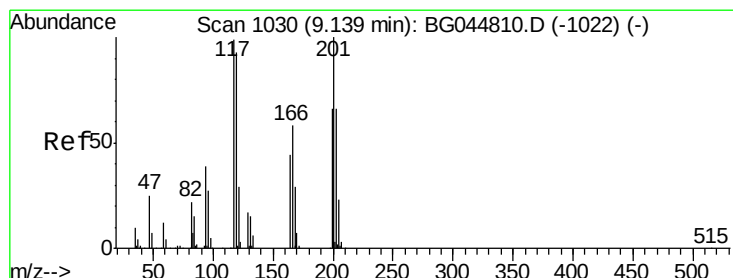
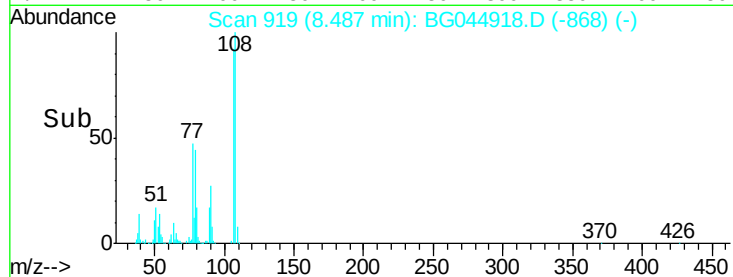
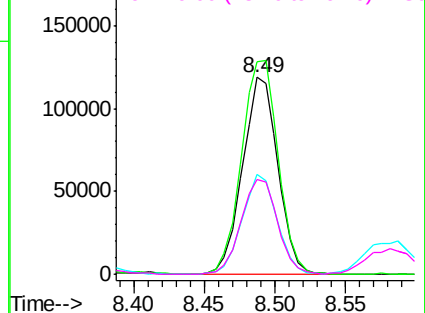


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 37.20 ng

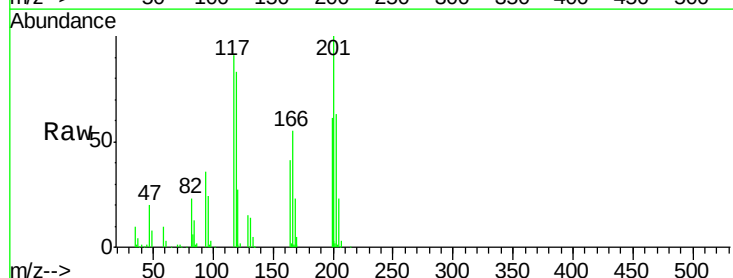
RT: 9.14 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

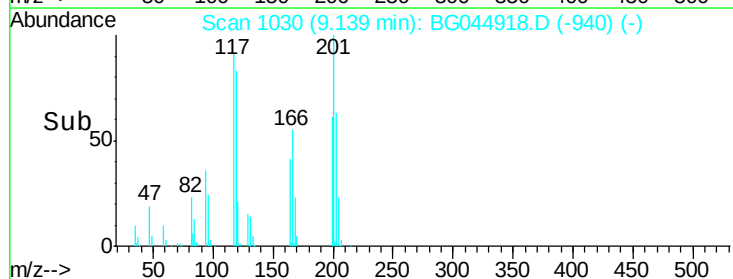
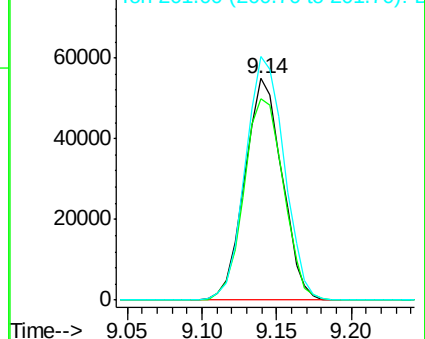
Tgt Ion:	117	Resp:	95171
Ion	Ratio	Lower	Upper
117	100		
119	90.9	75.2	112.8
201	110.0	81.1	121.7

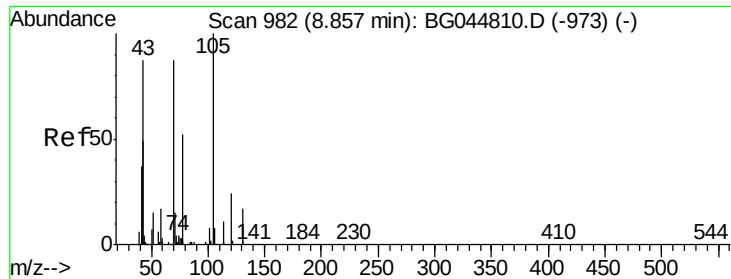


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

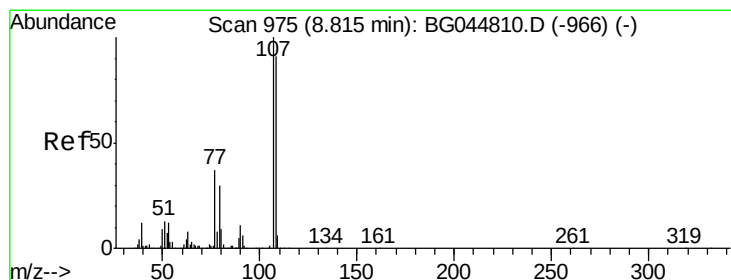
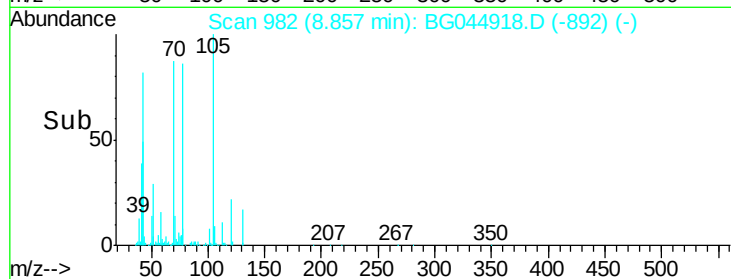
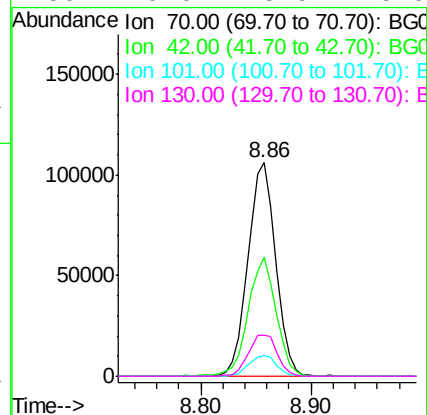
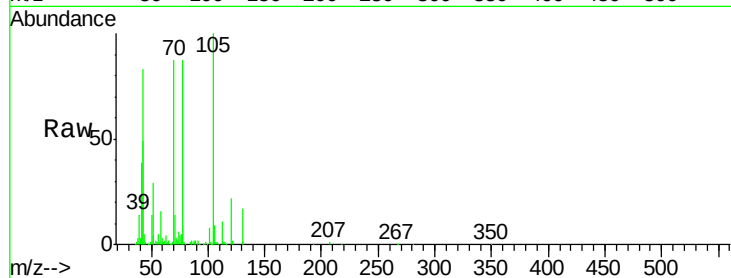




#19
n-Nitroso-di-n-propylamine
Concen: 34.16 ng
RT: 8.86 min Scan# 982
Delta R.T. 0.00 min
Lab File: BG044918.D
Acq: 20 Mar 2020 13:56

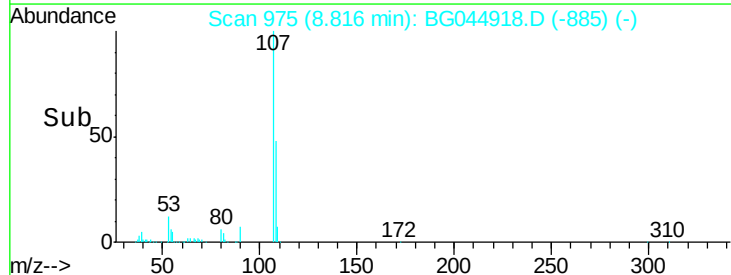
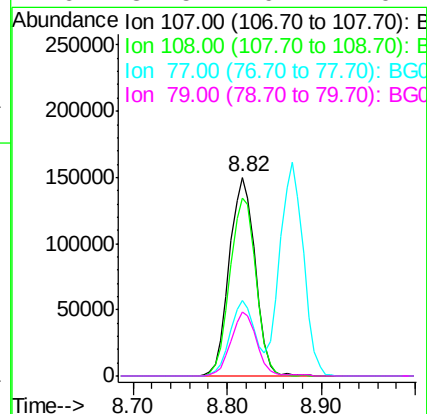
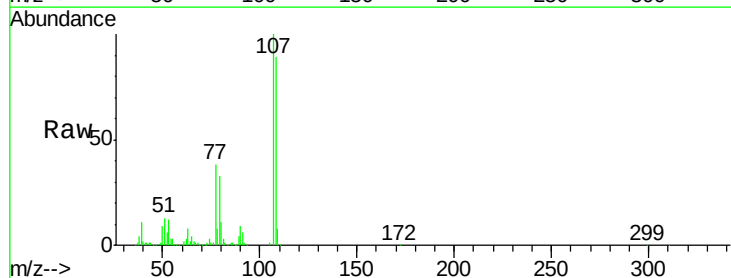
Instrument :
BNA_G
ClientSampleId :
PB127702BS

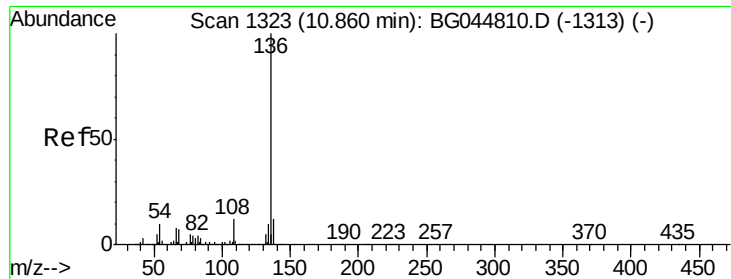
Tgt Ion:	70	Resp:	187332
Ion	Ratio	Lower	Upper
70	100		
42	55.7	45.7	68.5
101	9.3	7.4	11.2
130	19.0	15.9	23.9



#20
3+4-Methylphenols
Concen: 40.03 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BG044918.D
Acq: 20 Mar 2020 13:56

Tgt Ion:	107	Resp:	287400
Ion	Ratio	Lower	Upper
107	100		
108	89.4	71.3	111.3
77	38.2	16.9	56.9
79	32.5	9.7	49.7

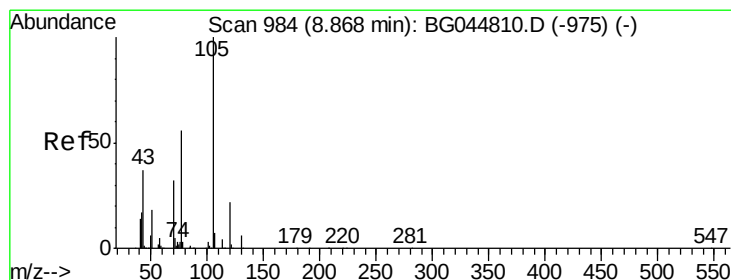
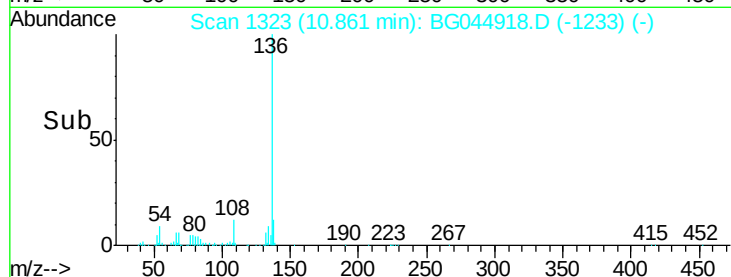
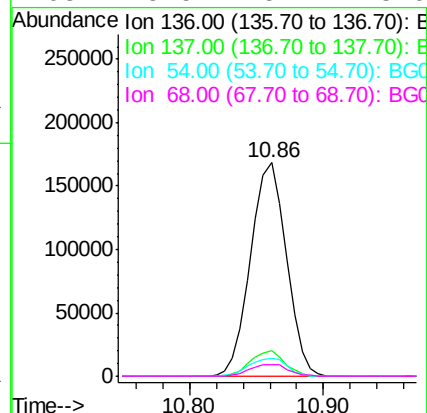
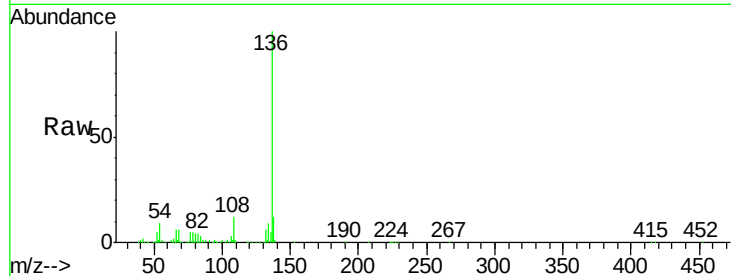




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.86 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG044918.D
Acq: 20 Mar 2020 13:56

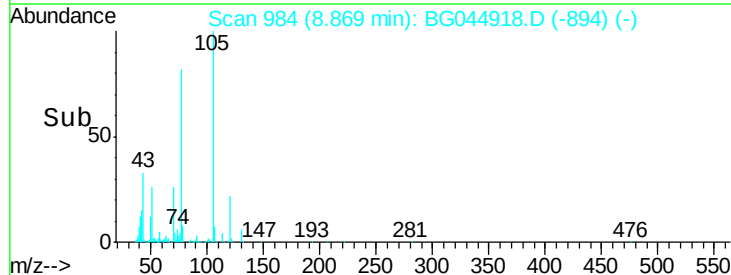
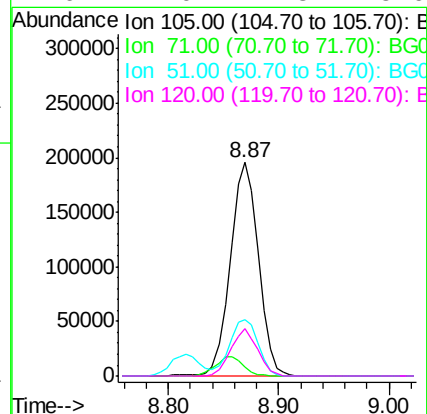
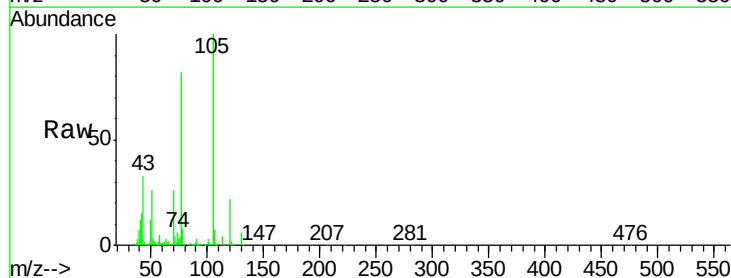
Instrument :
BNA_G
ClientSampleId :
PB127702BS

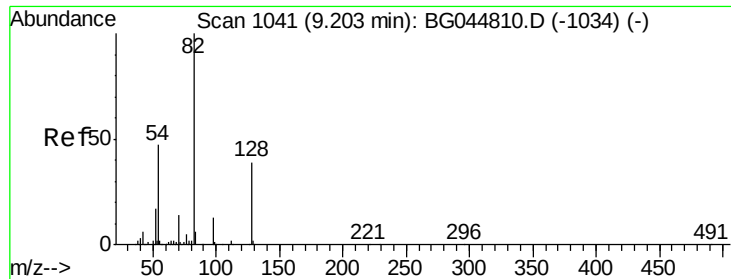
Tgt Ion:	136	Resp:	313049
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.8	14.6
54	8.5	7.9	11.9
68	5.5	5.4	8.0



#22
Acetophenone
Concen: 39.11 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG044918.D
Acq: 20 Mar 2020 13:56

Tgt Ion:	105	Resp:	346884
Ion	Ratio	Lower	Upper
105	100		
71	4.4	3.9	5.9
51	26.2	22.6	33.8
120	22.0	17.3	25.9

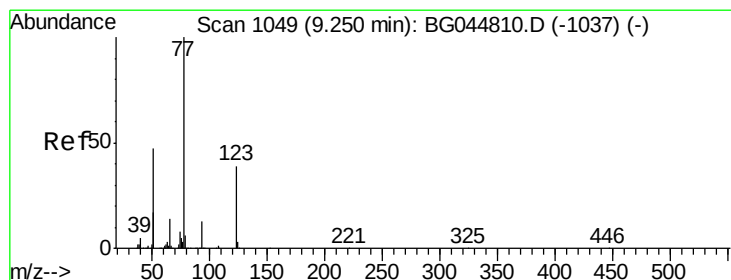
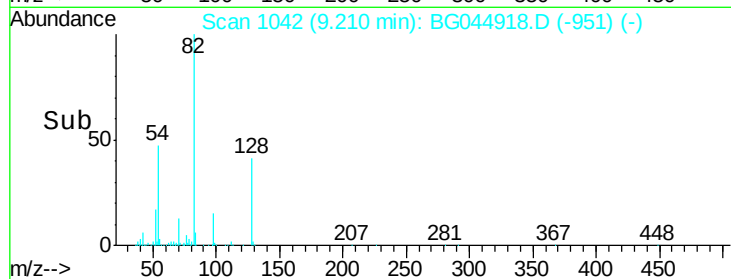
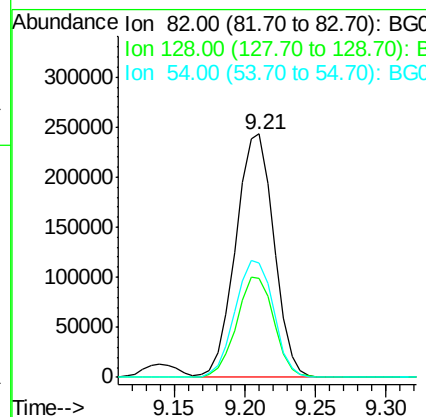
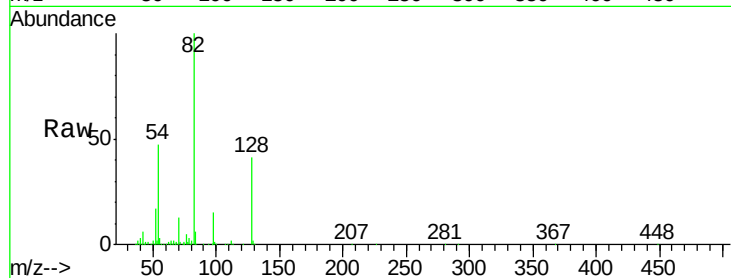




#23
 Nitrobenzene-d5
 Concen: 64.34 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BG044918.D
 Acq: 20 Mar 2020 13:56

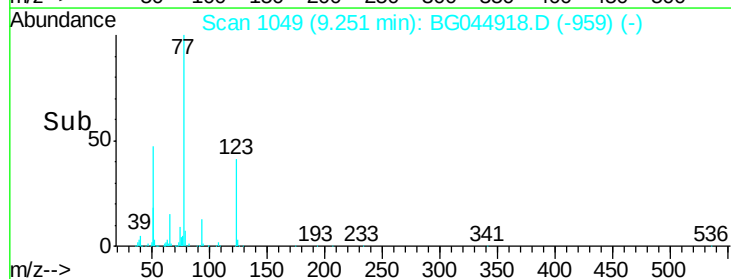
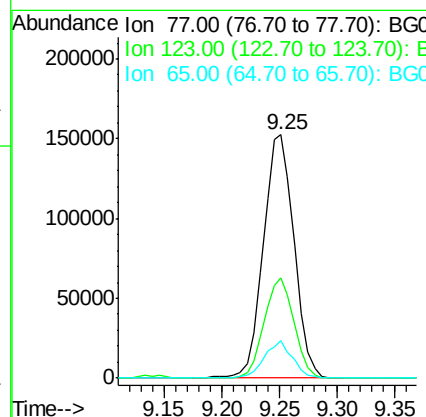
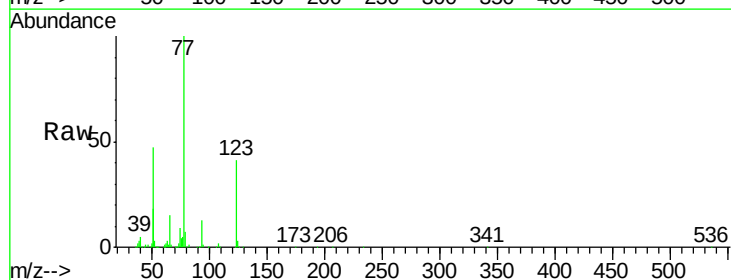
Instrument :
 BNA_G
 ClientSampleId :
 PB127702BS

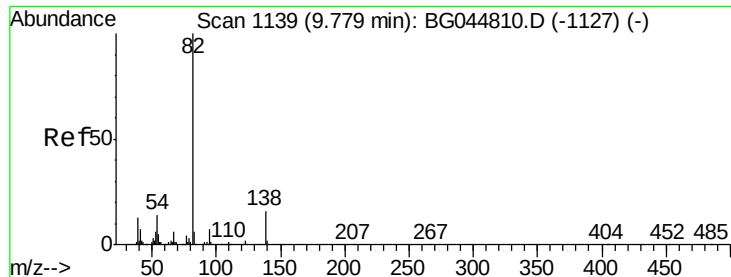
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.8	30.6	46.0
54	46.9	37.1	55.7



#24
 Nitrobenzene
 Concen: 38.10 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: BG044918.D
 Acq: 20 Mar 2020 13:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.3	31.3	46.9
65	15.2	11.4	17.0





#25

Isophorone

Concen: 37.47 ng

RT: 9.78 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

Instrument :

BNA_G

ClientSampleId :

PB127702BS

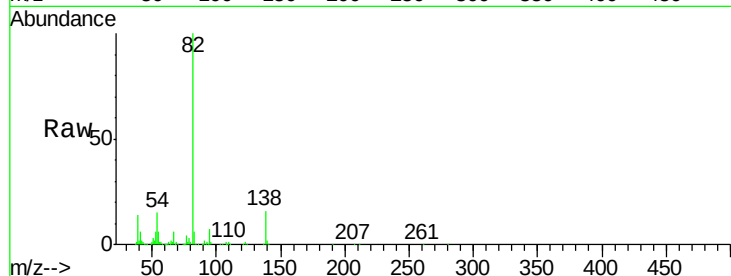
Tgt Ion: 82 Resp: 521667

Ion Ratio Lower Upper

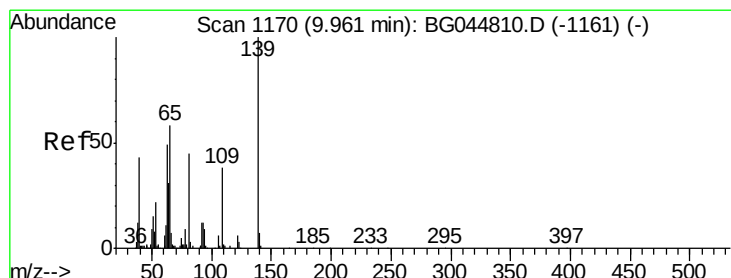
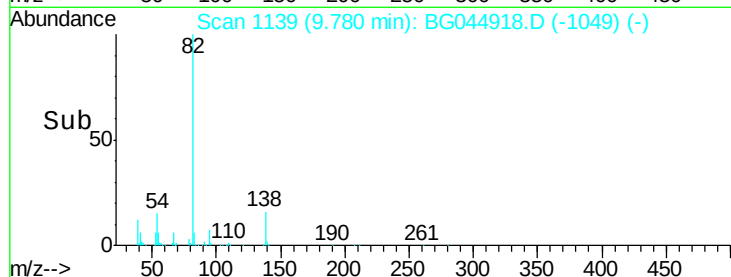
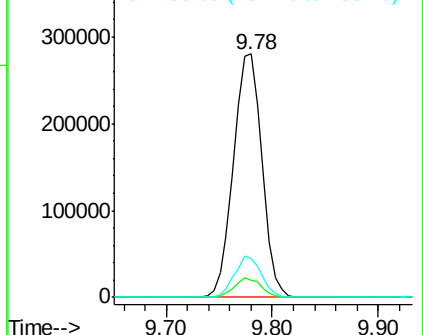
82 100

95 7.2 5.5 8.3

138 15.9 12.5 18.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 45.99 ng

RT: 9.96 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

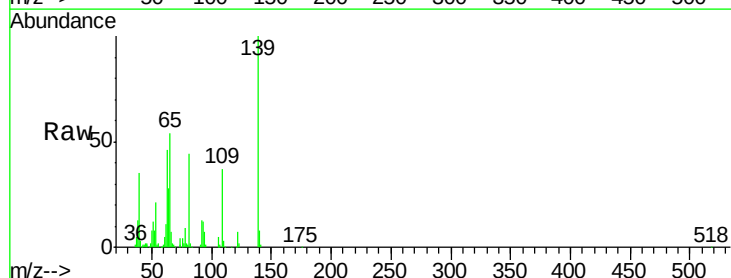
Tgt Ion: 139 Resp: 117531

Ion Ratio Lower Upper

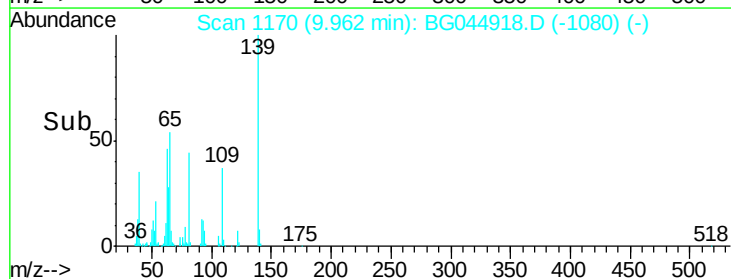
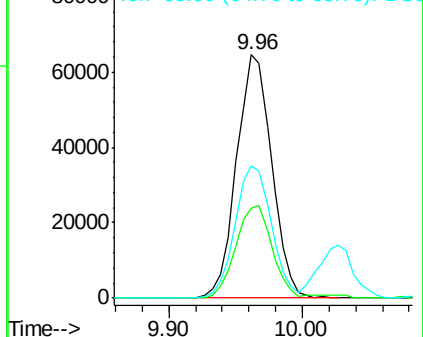
139 100

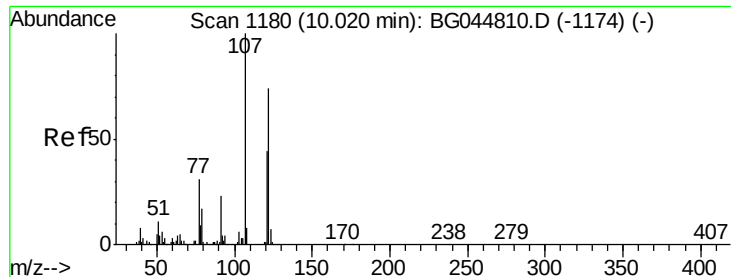
109 36.7 30.2 45.4

65 54.3 46.3 69.5



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

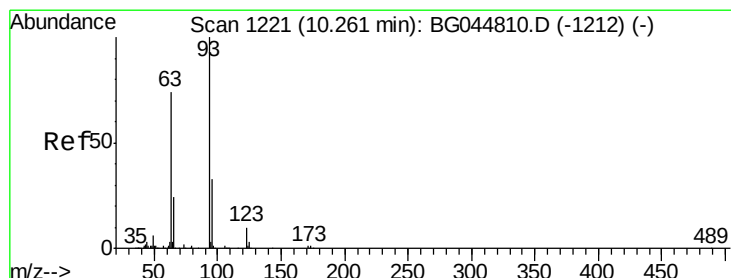
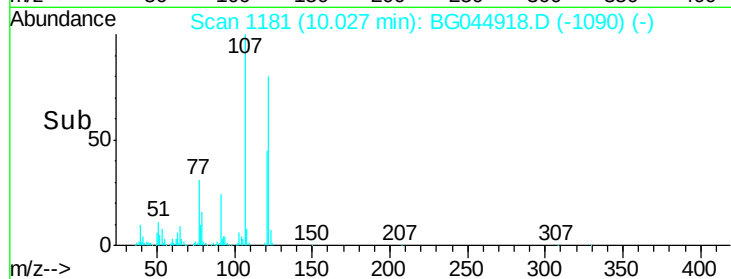
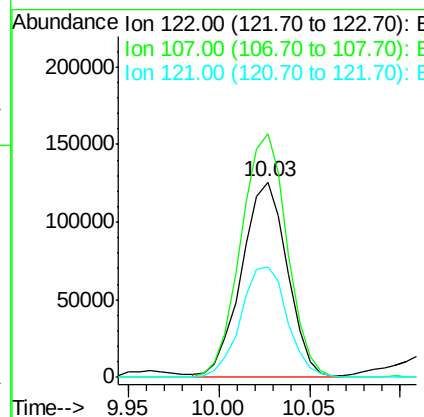
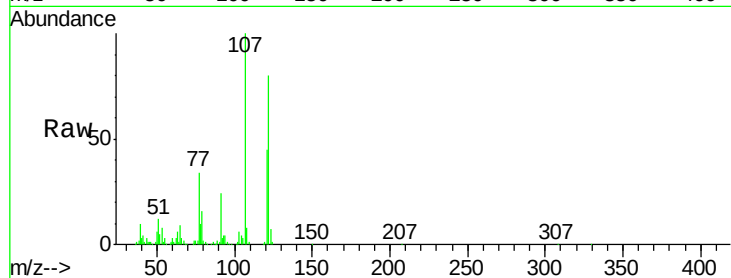




#27
2,4-Dimethylphenol
Concen: 48.52 ng
RT: 10.03 min Scan# 1181
Delta R.T. 0.01 min
Lab File: BG044918.D
Acq: 20 Mar 2020 13:56

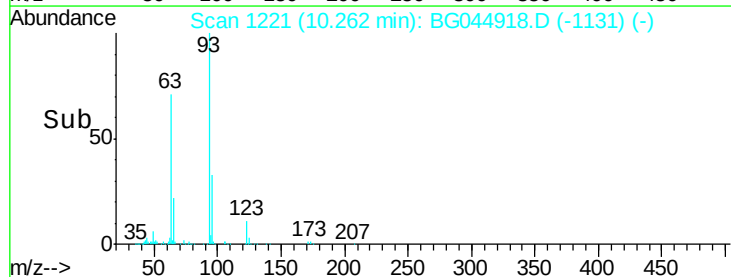
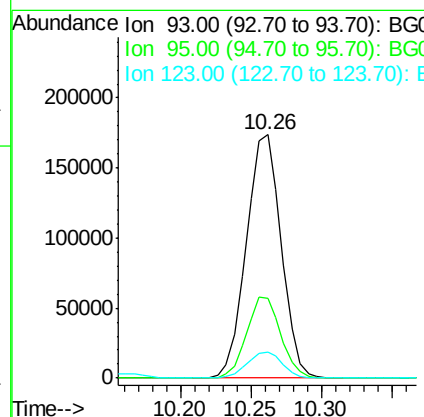
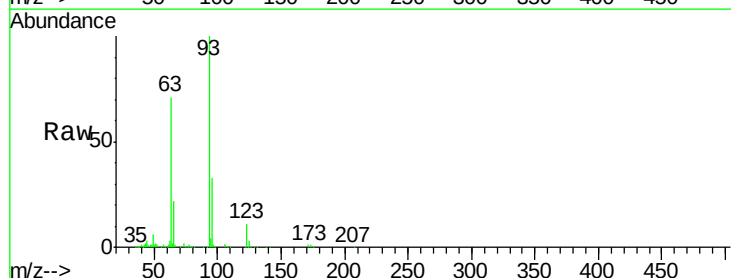
Instrument :
BNA_G
ClientSampleId :
PB127702BS

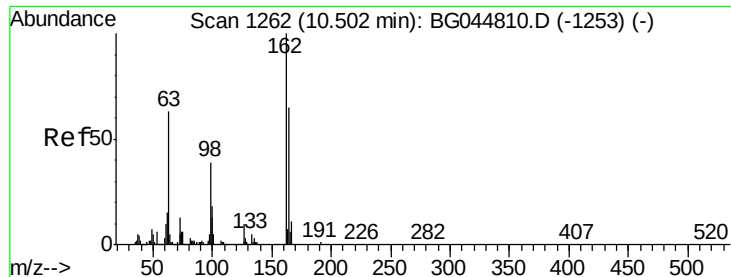
Tgt Ion	Ratio	Lower	Upper
122	100		
107	124.8	107.1	160.7
121	56.7	46.8	70.2



#28
bis(2-Chloroethoxy)methane
Concen: 36.17 ng
RT: 10.26 min Scan# 1221
Delta R.T. 0.00 min
Lab File: BG044918.D
Acq: 20 Mar 2020 13:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.4	39.6
123	10.8	8.4	12.6

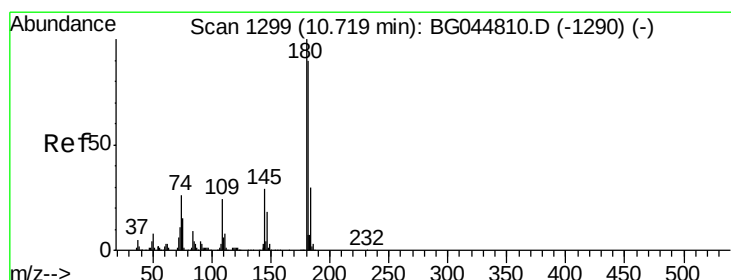
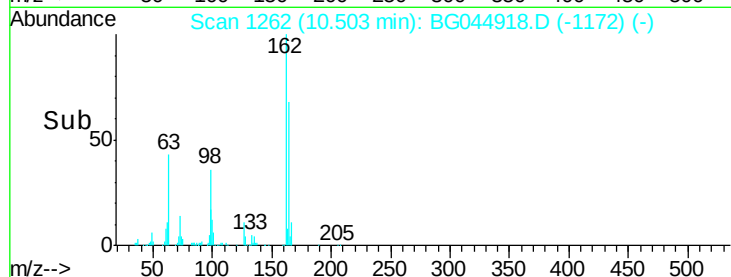
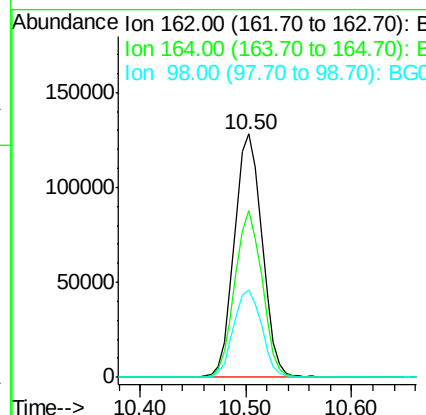
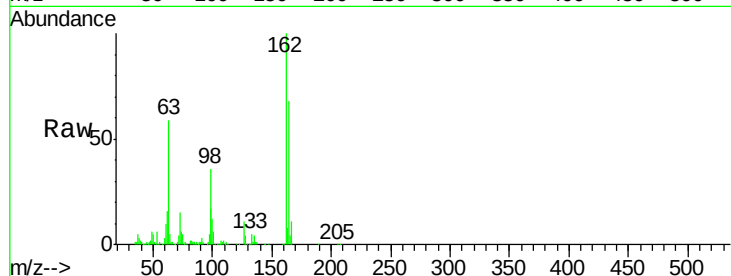




#29
 2,4-Dichlorophenol
 Concen: 43.96 ng
 RT: 10.50 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: BG044918.D
 Acq: 20 Mar 2020 13:56

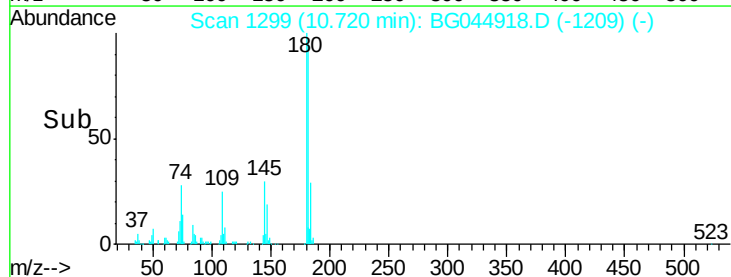
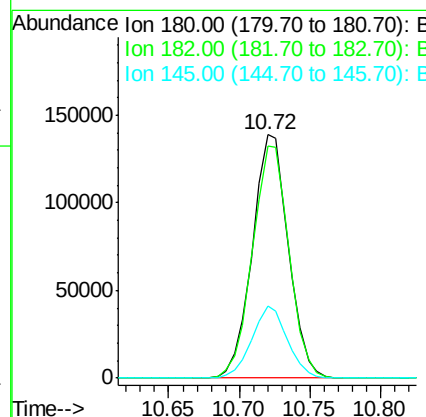
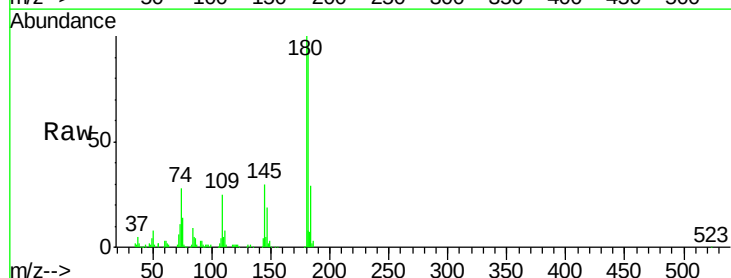
Instrument :
 BNA_G
 ClientSampleId :
 PB127702BS

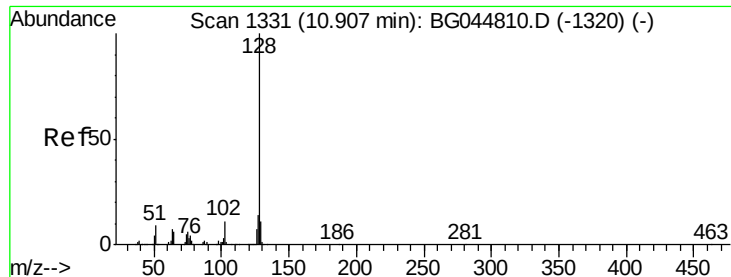
Tgt Ion	Ratio	Lower	Upper
162	100		
164	68.4	45.2	85.2
98	36.1	19.0	59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 39.28 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BG044918.D
 Acq: 20 Mar 2020 13:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	71.6	107.4
145	29.8	23.4	35.0

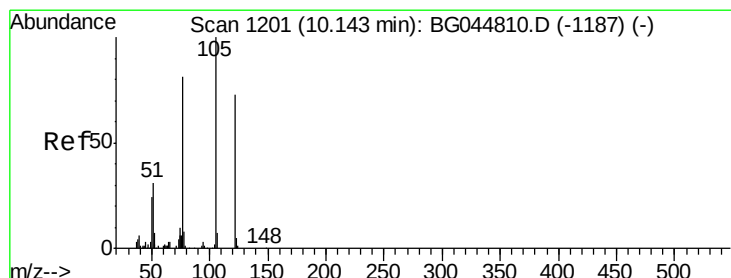
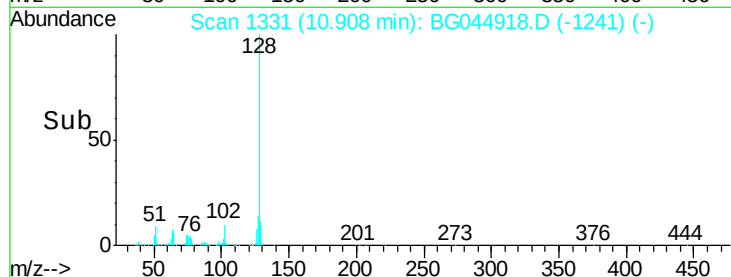
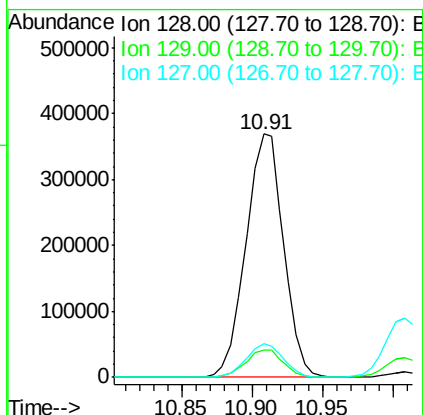
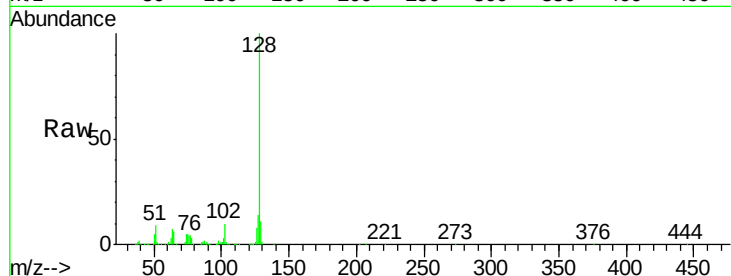




#31
Naphthalene
Concen: 39.72 ng
RT: 10.91 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BG044918.D
Acq: 20 Mar 2020 13:56

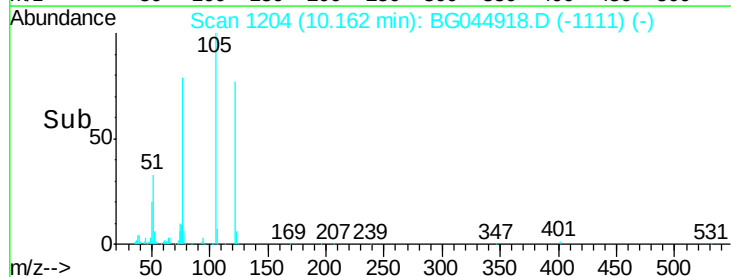
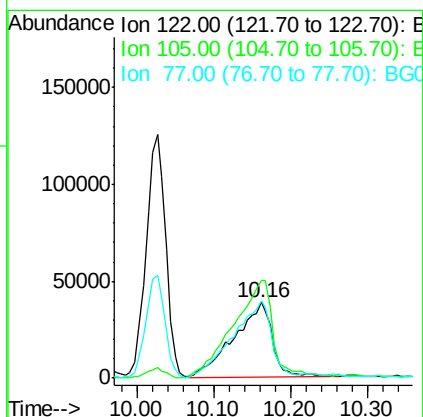
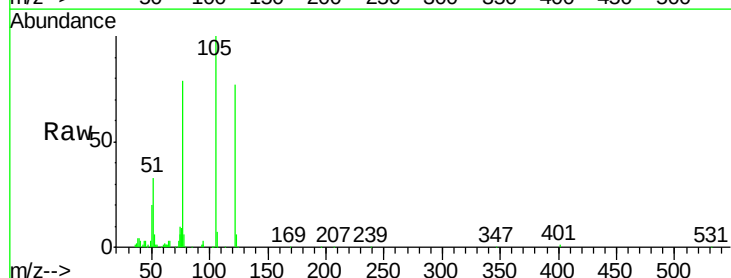
Instrument :
BNA_G
ClientSampleId :
PB127702BS

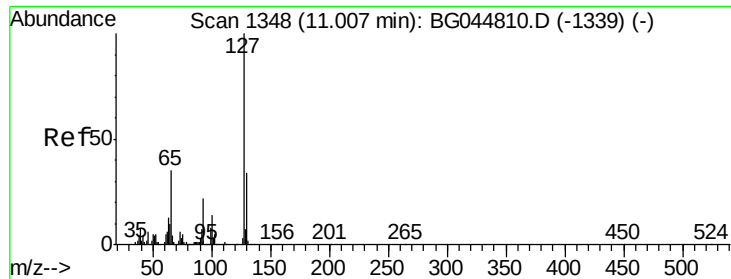
Tgt Ion:128 Resp: 688811
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.9 10.8 16.2



#32
Benzoic acid
Concen: 39.73 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.02 min
Lab File: BG044918.D
Acq: 20 Mar 2020 13:56

Tgt Ion:122 Resp: 132984
Ion Ratio Lower Upper
122 100
105 129.6 109.1 149.1
77 102.4 85.3 125.3

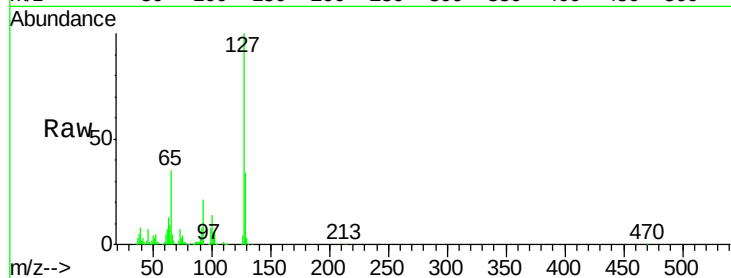




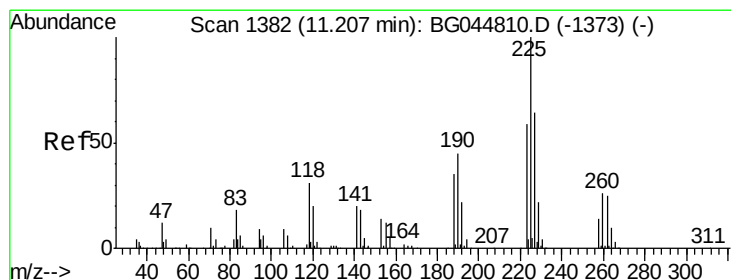
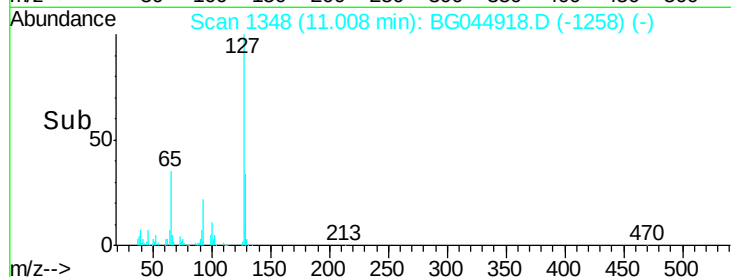
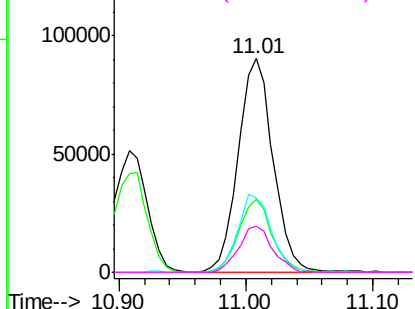
#33
4-Chloroaniline
Concen: 22.04 ng
RT: 11.01 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BG044918.D
Acq: 20 Mar 2020 13:56

Instrument :
BNA_G
ClientSampleId :
PB127702BS

Tgt Ion:	127	Resp:	172190
Ion	Ratio	Lower	Upper
127	100		
129	33.9	26.9	40.3
65	34.7	27.7	41.5
92	21.5	17.4	26.2

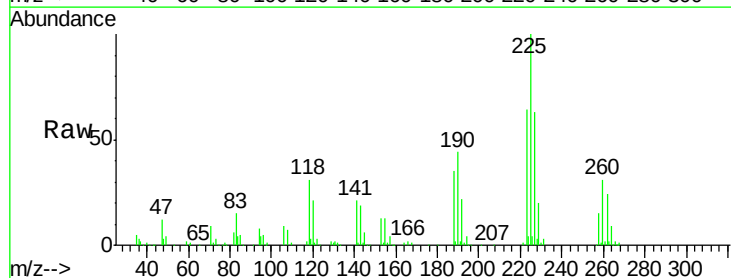


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

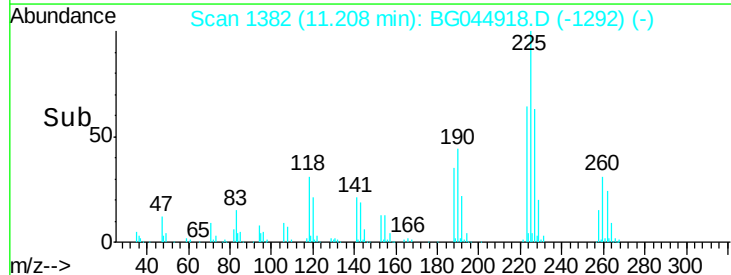
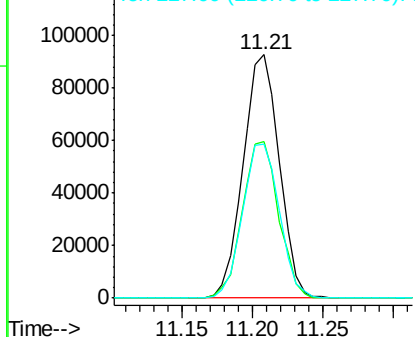


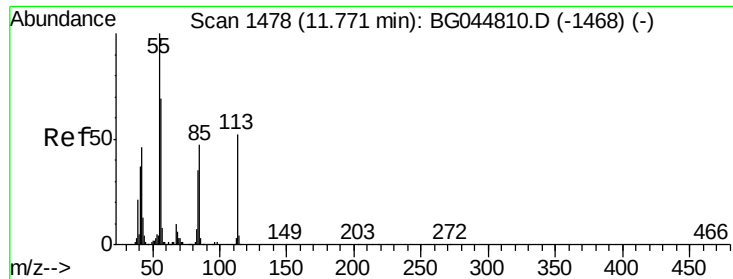
#34
Hexachlorobutadiene
Concen: 39.94 ng
RT: 11.21 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BG044918.D
Acq: 20 Mar 2020 13:56

Tgt Ion:	225	Resp:	166324
Ion	Ratio	Lower	Upper
225	100		
223	64.4	47.4	71.0
227	63.2	50.8	76.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 20.71 ng

RT: 11.77 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

Instrument :

BNA_G

ClientSampleId :

PB127702BS

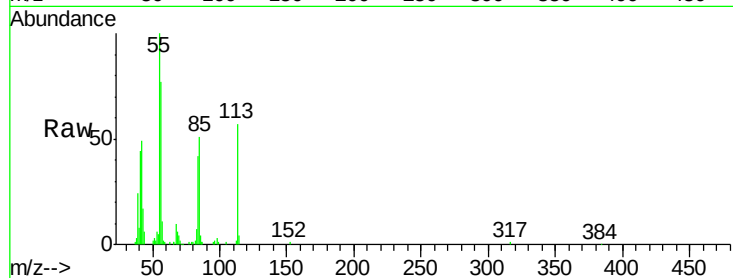
Tgt Ion:113 Resp: 41532

Ion Ratio Lower Upper

113 100

55 176.7 173.8 213.8

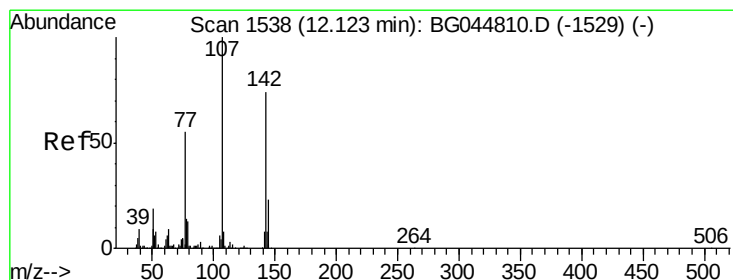
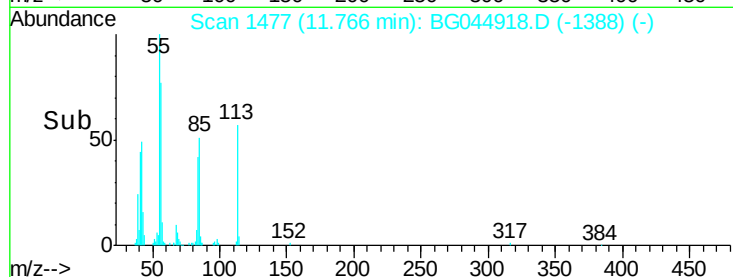
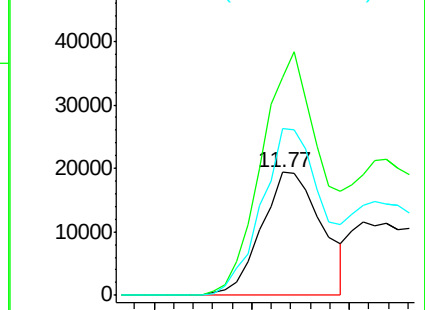
56 135.7 113.8 153.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 41.32 ng

RT: 12.13 min Scan# 1539

Delta R.T. 0.01 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

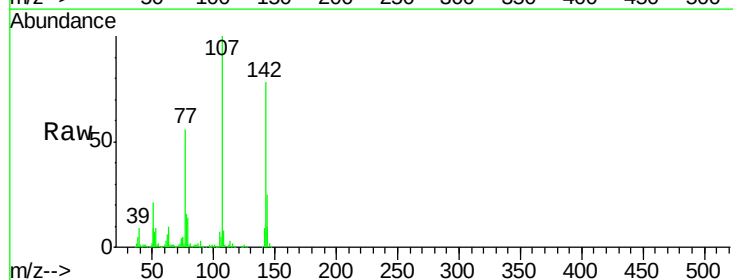
Tgt Ion:107 Resp: 260982

Ion Ratio Lower Upper

107 100

144 24.7 18.0 27.0

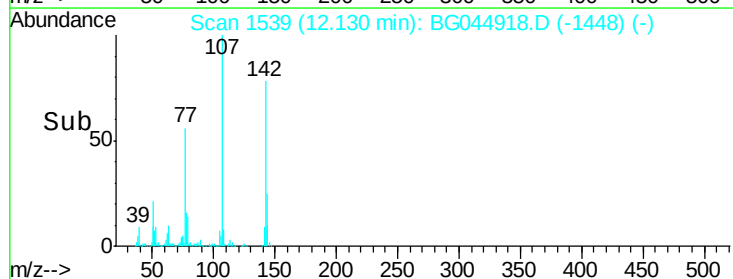
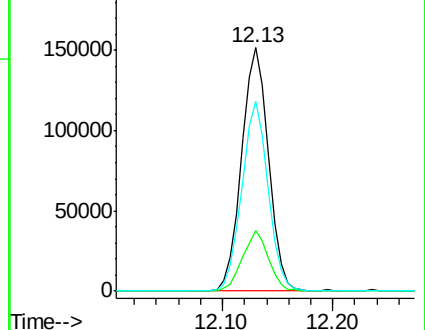
142 78.0 59.0 88.4

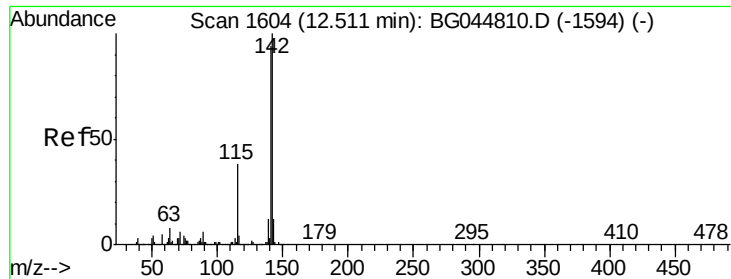


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.85 ng

RT: 12.51 min Scan# 1604

Delta R.T. 0.00 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

Instrument :

BNA_G

ClientSampleId :

PB127702BS

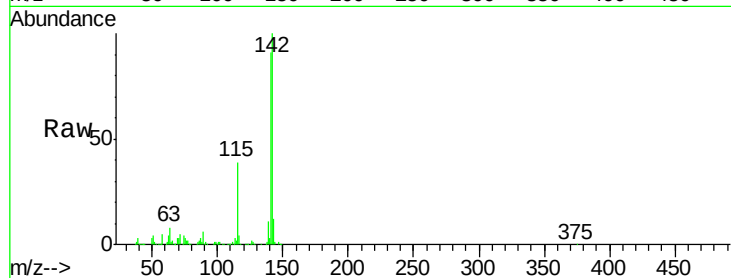
Tgt Ion:142 Resp: 516902

Ion Ratio Lower Upper

142 100

141 91.4 75.1 112.7

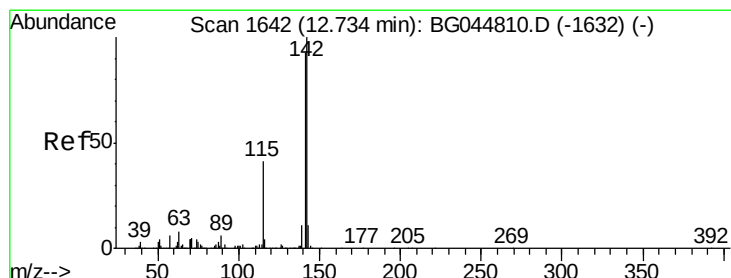
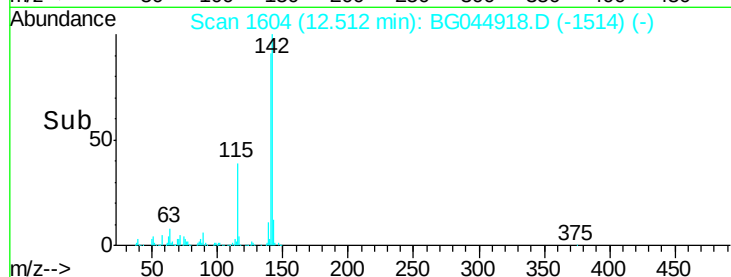
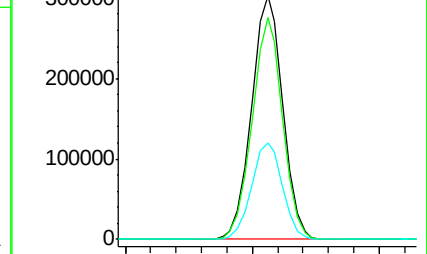
115 39.4 30.6 46.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.00 ng

RT: 12.73 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

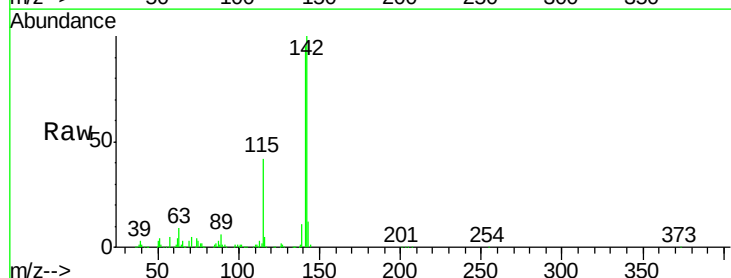
Tgt Ion:142 Resp: 487816

Ion Ratio Lower Upper

142 100

141 94.8 74.7 112.1

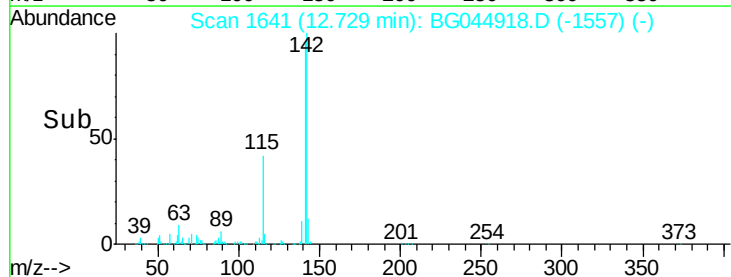
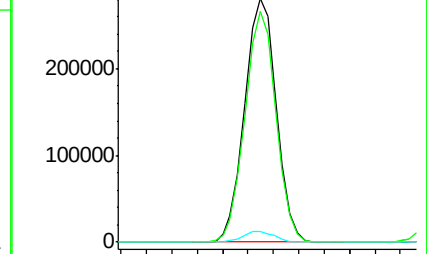
116 4.6 3.3 4.9

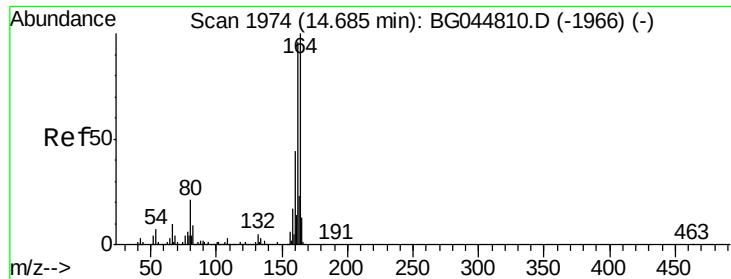


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

Instrument :

BNA_G

ClientSampleId :

PB127702BS

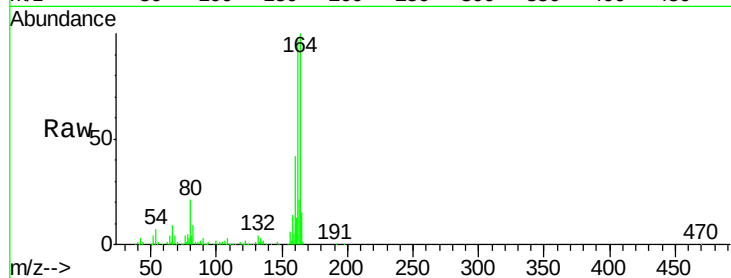
Tgt Ion:164 Resp: 219481

Ion Ratio Lower Upper

164 100

162 96.5 76.7 115.1

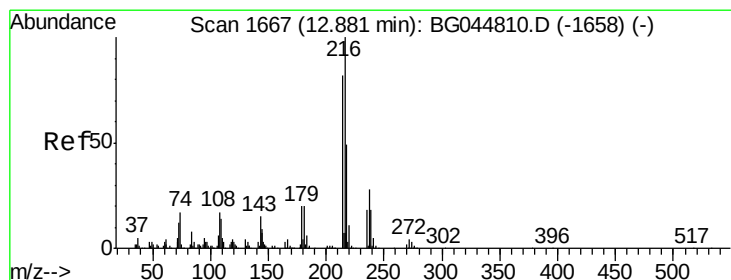
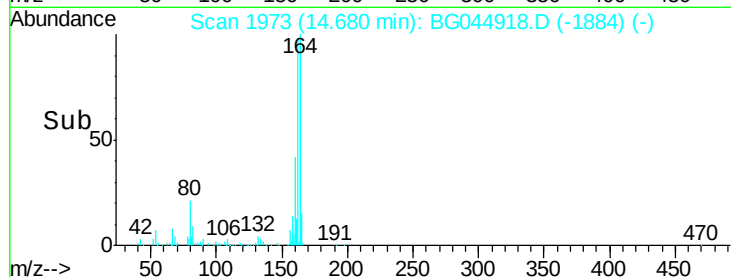
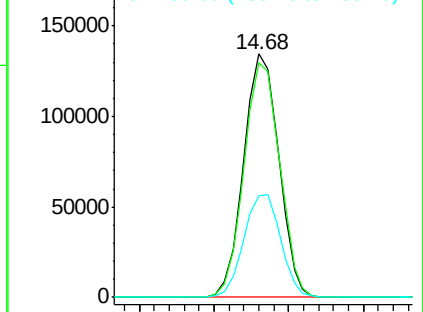
160 41.9 35.0 52.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.04 ng

RT: 12.88 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

Tgt Ion:216 Resp: 274976

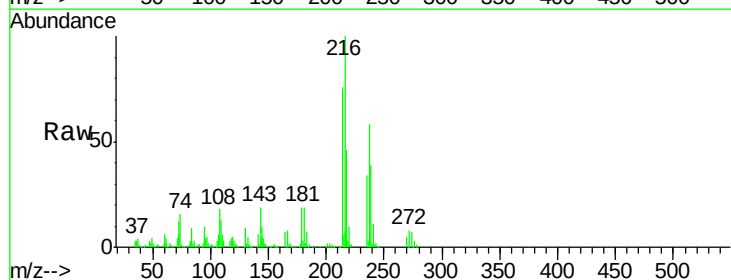
Ion Ratio Lower Upper

216 100

214 79.3 63.8 95.6

179 20.2 16.2 24.2

108 20.3 14.6 22.0

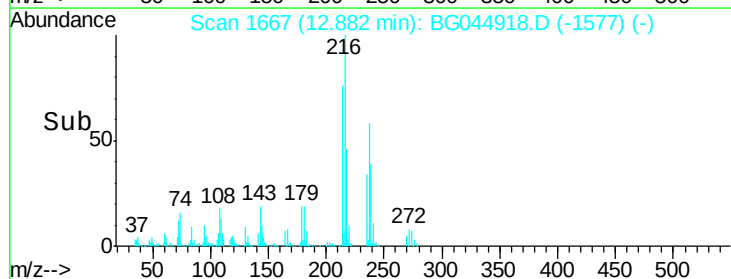
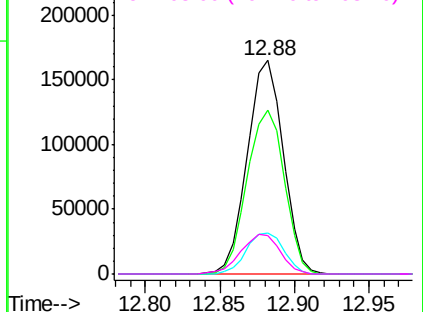


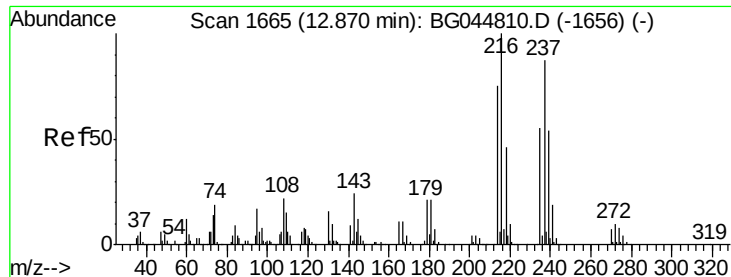
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 93.76 ng

RT: 12.87 min Scan# 1665

Delta R.T. 0.00 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

Instrument :

BNA_G

ClientSampleId :

PB127702BS

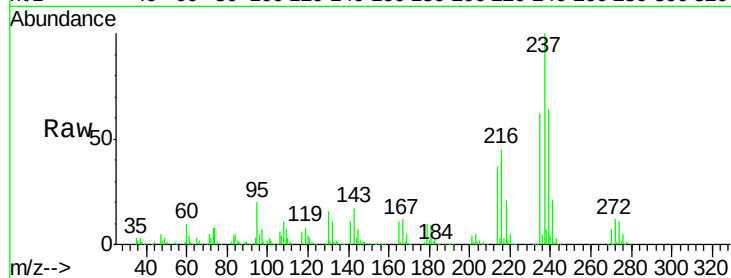
Tgt Ion:237 Resp: 370365

Ion Ratio Lower Upper

237 100

235 62.4 42.9 82.9

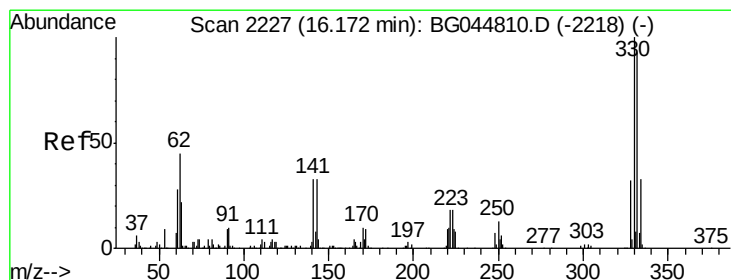
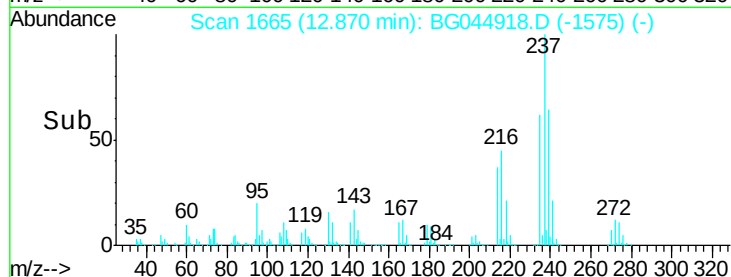
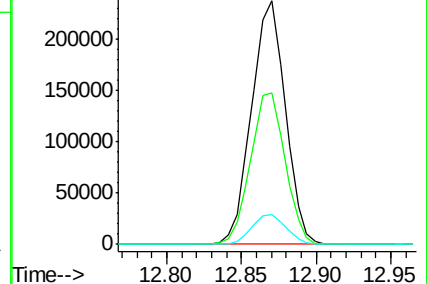
272 12.0 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 123.93 ng

RT: 16.17 min Scan# 2227

Delta R.T. 0.00 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

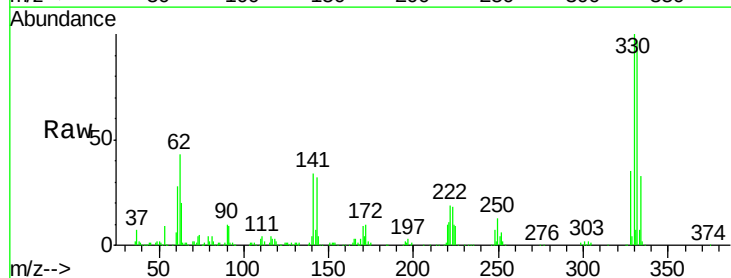
Tgt Ion:330 Resp: 356152

Ion Ratio Lower Upper

330 100

332 97.7 77.8 116.6

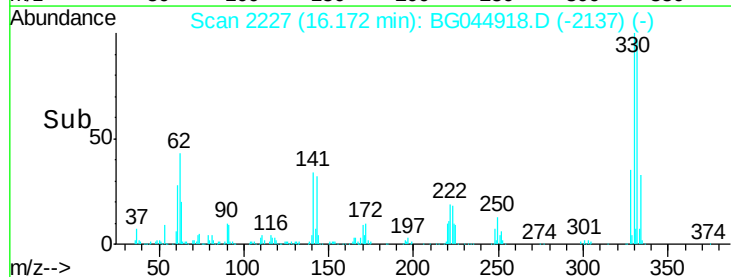
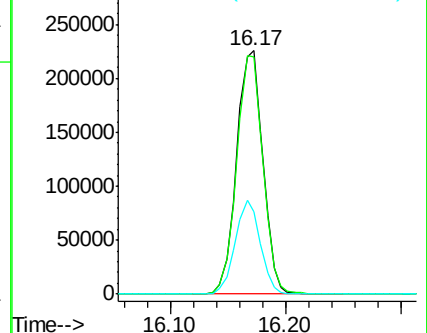
141 36.7 29.5 44.3

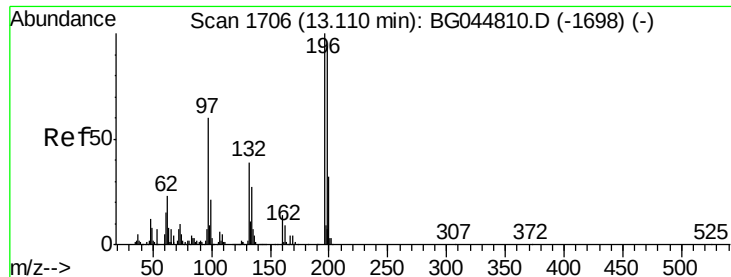


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

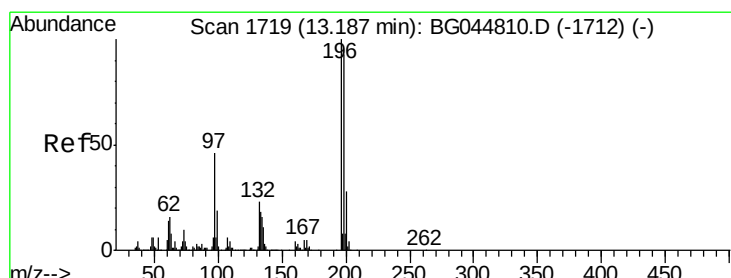
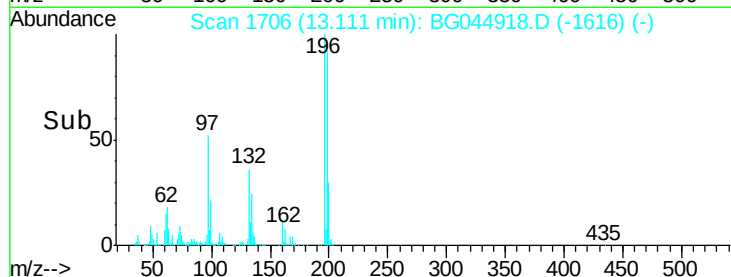
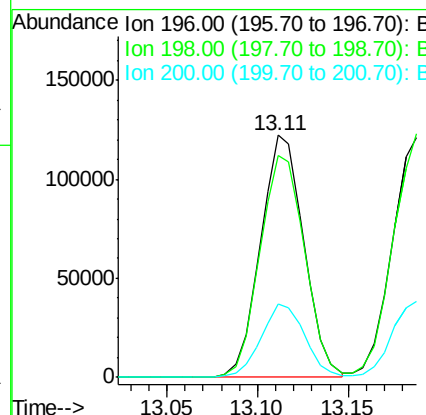
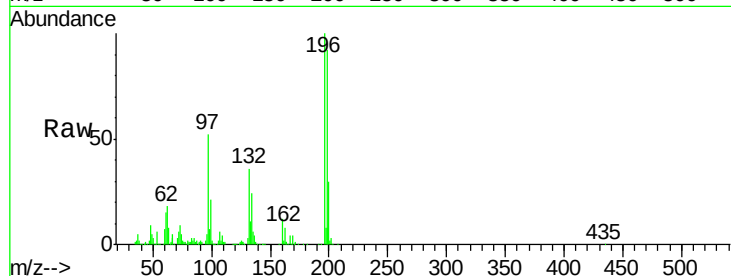




#43
 2,4,6-Trichlorophenol
 Concen: 42.25 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BG044918.D
 Acq: 20 Mar 2020 13:56

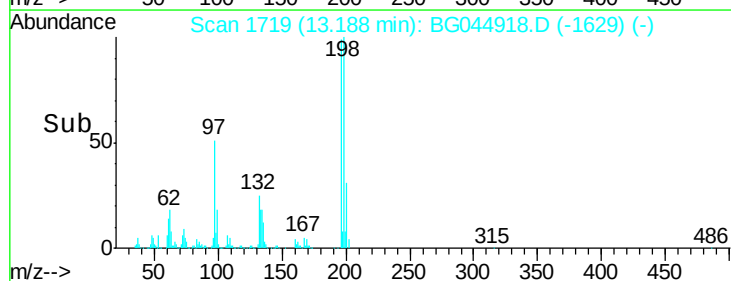
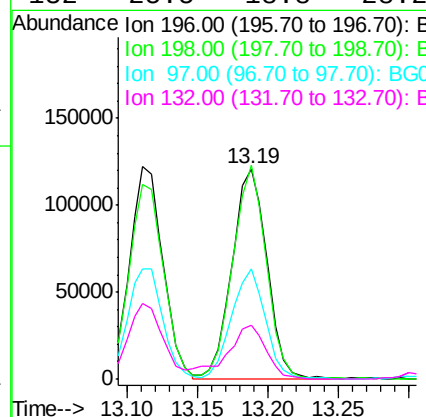
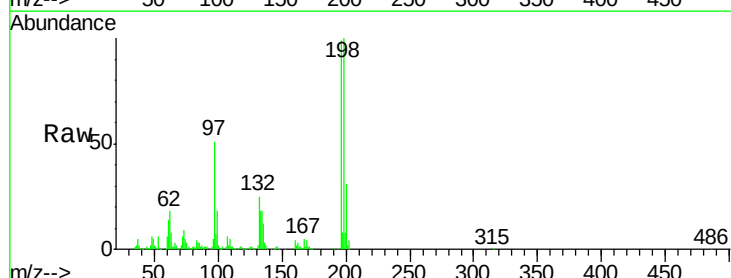
Instrument :
 BNA_G
 ClientSampleId :
 PB127702BS

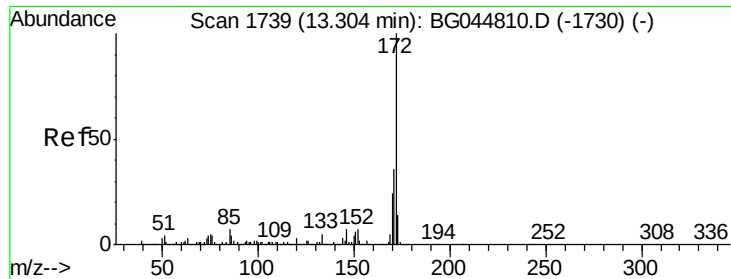
Tgt Ion:196 Resp: 202686
 Ion Ratio Lower Upper
 196 100
 198 91.8 74.9 112.3
 200 30.2 25.8 38.6



#44
 2,4,5-Trichlorophenol
 Concen: 41.69 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG044918.D
 Acq: 20 Mar 2020 13:56

Tgt Ion:196 Resp: 207391
 Ion Ratio Lower Upper
 196 100
 198 101.5 74.2 111.4
 97 52.1 36.7 55.1
 132 25.5 18.8 28.2

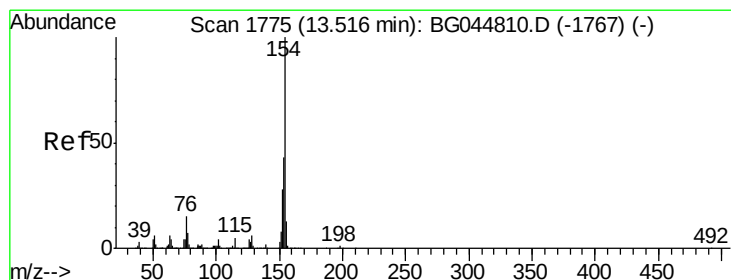
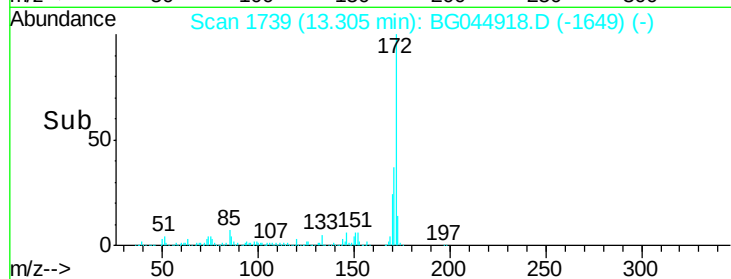
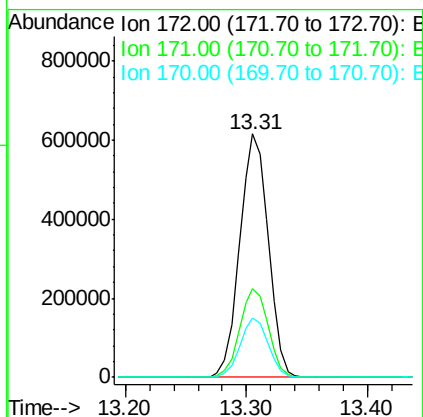
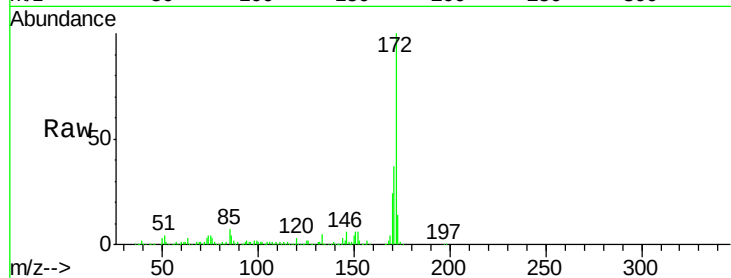




#45
2-Fluorobiphenyl
Concen: 65.93 ng
RT: 13.31 min Scan# 1739
Delta R.T. 0.00 min
Lab File: BG044918.D
Acq: 20 Mar 2020 13:56

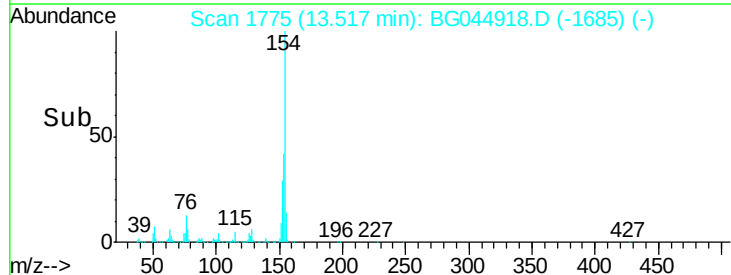
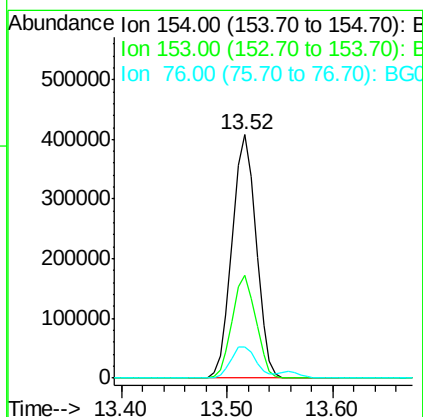
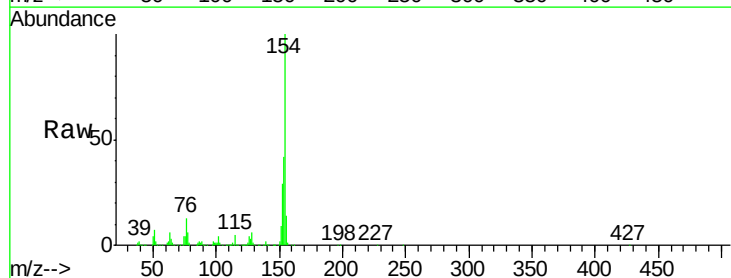
Instrument :
BNA_G
ClientSampleId :
PB127702BS

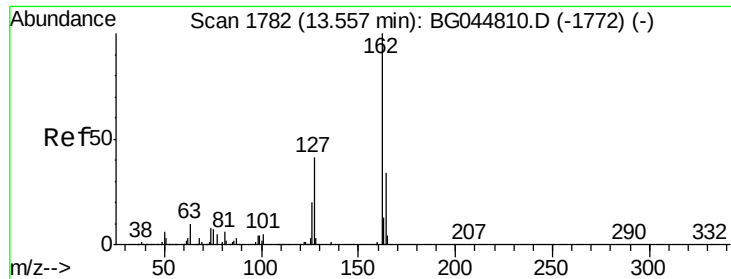
Tgt Ion:172 Resp: 1010408
Ion Ratio Lower Upper
172 100
171 36.7 28.7 43.1
170 24.1 19.0 28.6



#46
1,1'-Biphenyl
Concen: 36.52 ng
RT: 13.52 min Scan# 1775
Delta R.T. 0.00 min
Lab File: BG044918.D
Acq: 20 Mar 2020 13:56

Tgt Ion:154 Resp: 640482
Ion Ratio Lower Upper
154 100
153 42.1 22.9 62.9
76 13.0 0.0 34.6

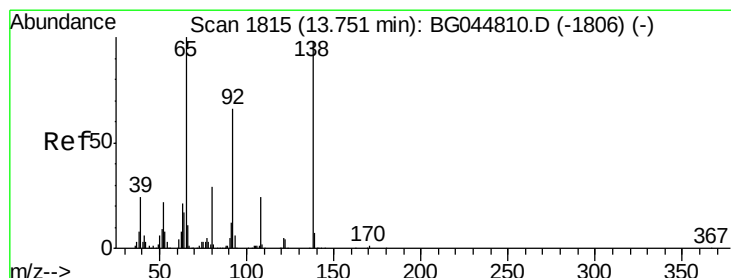
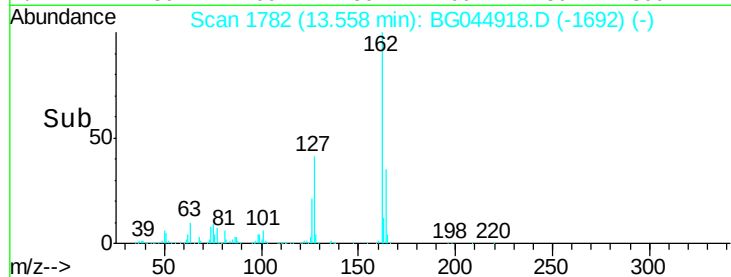
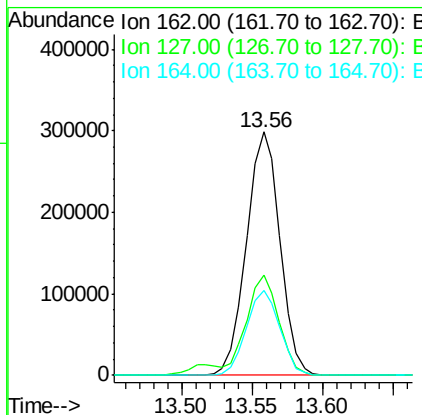
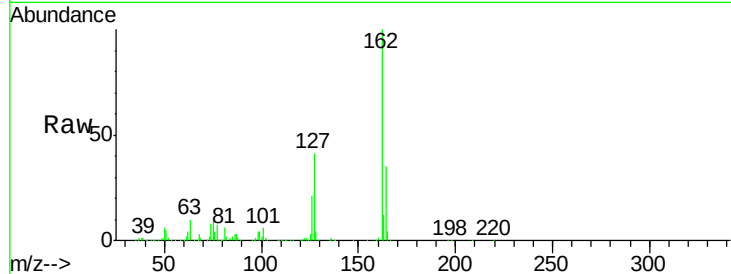




#47
 2-Chloronaphthalene
 Concen: 37.03 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: BG044918.D
 Acq: 20 Mar 2020 13:56

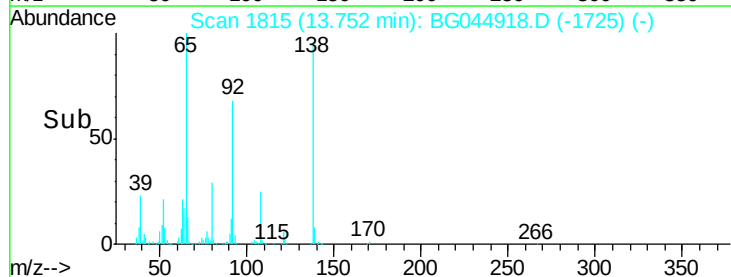
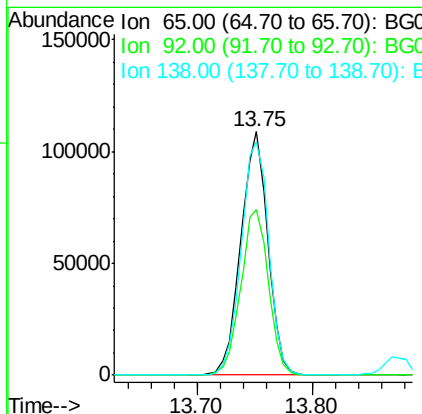
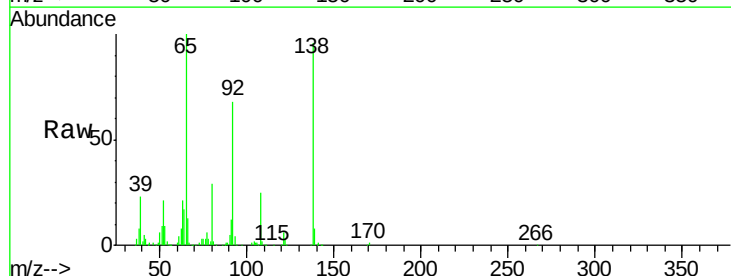
Instrument :
 BNA_G
 ClientSampleId :
 PB127702BS

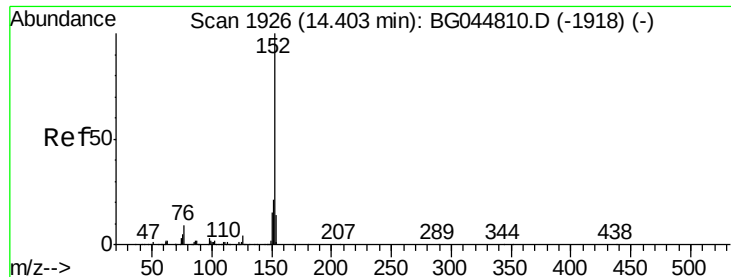
Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.0	33.1	49.7
164	34.7	27.4	41.2



#48
 2-Nitroaniline
 Concen: 37.59 ng
 RT: 13.75 min Scan# 1815
 Delta R.T. 0.00 min
 Lab File: BG044918.D
 Acq: 20 Mar 2020 13:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.8	52.6	79.0
138	95.7	78.3	117.5





#49

Acenaphthylene

Concen: 39.42 ng

RT: 14.40 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

Instrument :

BNA_G

ClientSampleId :

PB127702BS

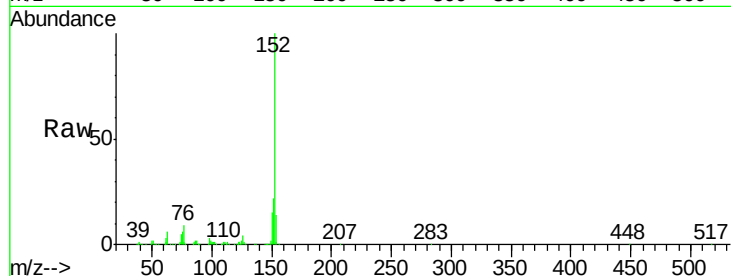
Tgt Ion:152 Resp: 827482

Ion Ratio Lower Upper

152 100

151 22.3 16.8 25.2

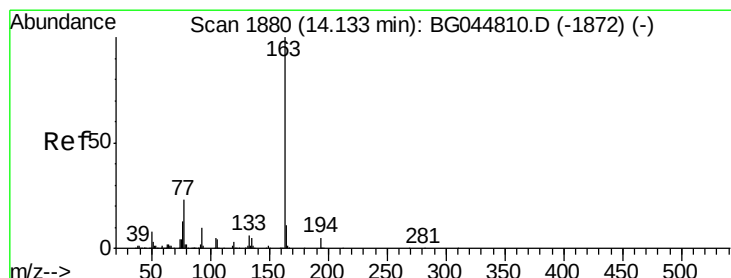
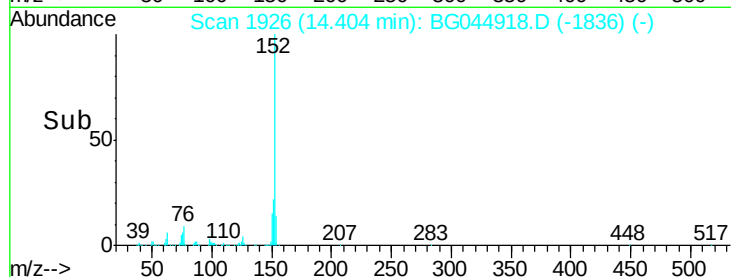
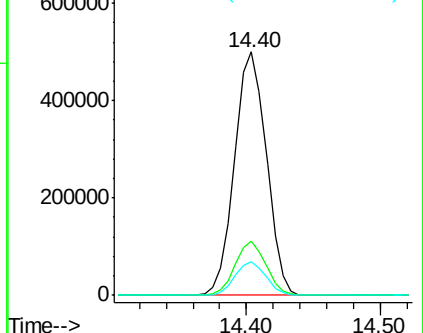
153 14.1 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.49 ng

RT: 14.13 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

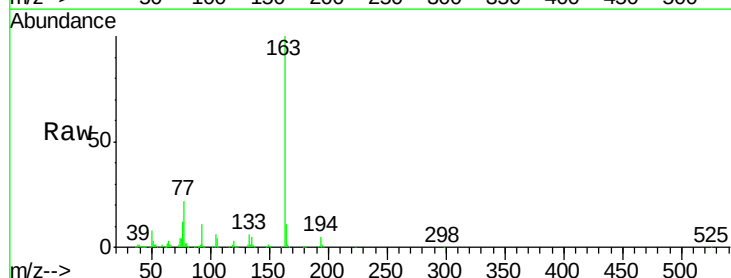
Tgt Ion:163 Resp: 672837

Ion Ratio Lower Upper

163 100

194 4.7 3.7 5.5

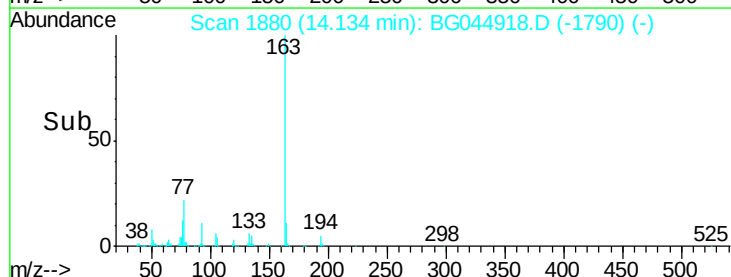
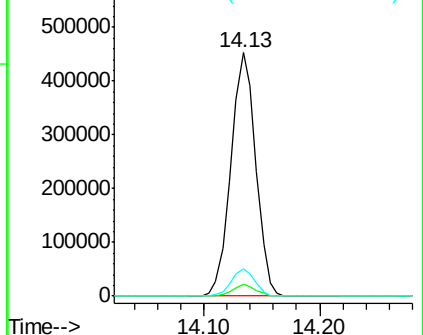
164 11.4 9.1 13.7

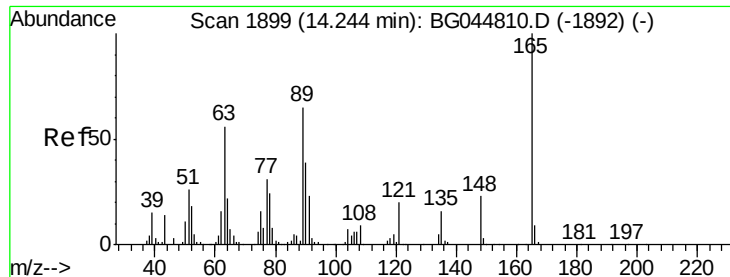


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

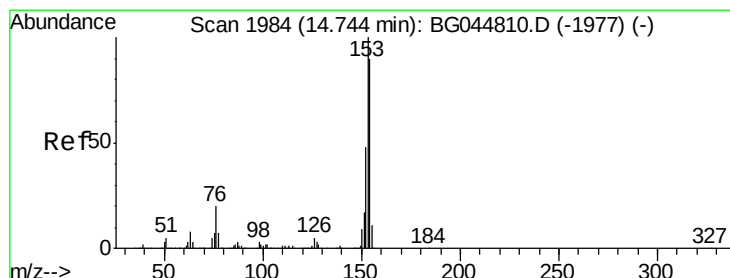
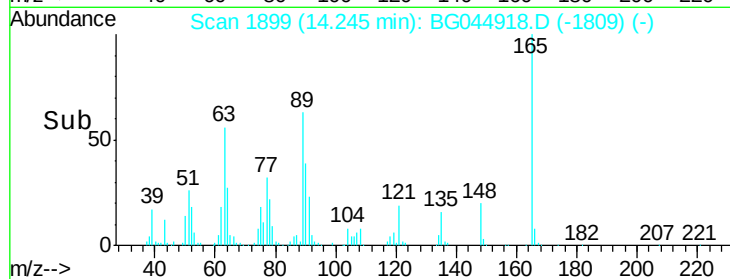
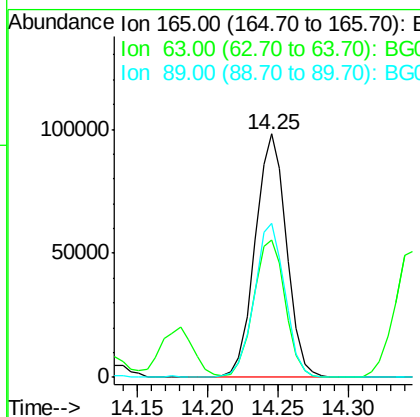
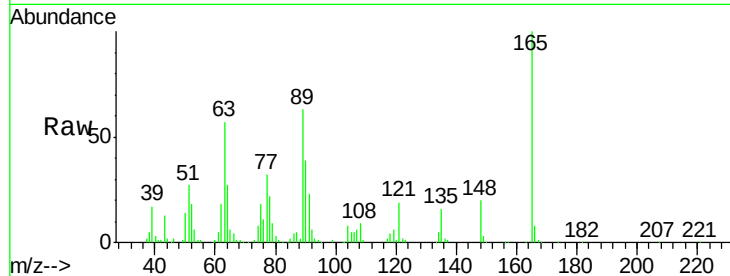




#51
 2,6-Dinitrotoluene
 Concen: 43.41 ng
 RT: 14.25 min Scan# 1899
 Delta R.T. 0.00 min
 Lab File: BG044918.D
 Acq: 20 Mar 2020 13:56

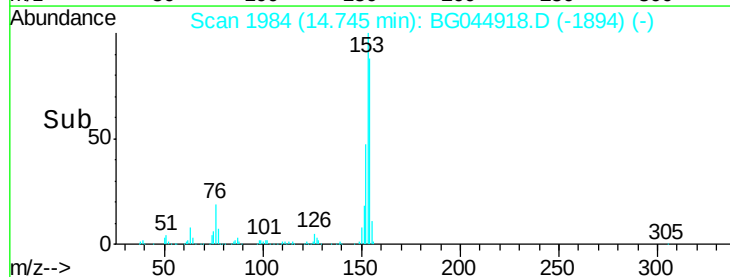
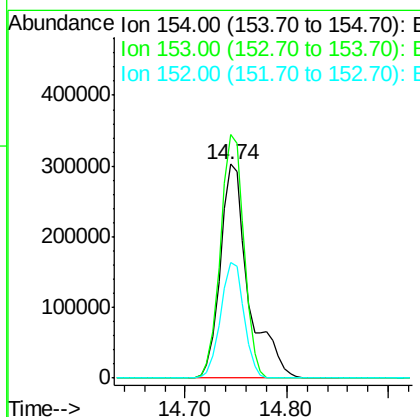
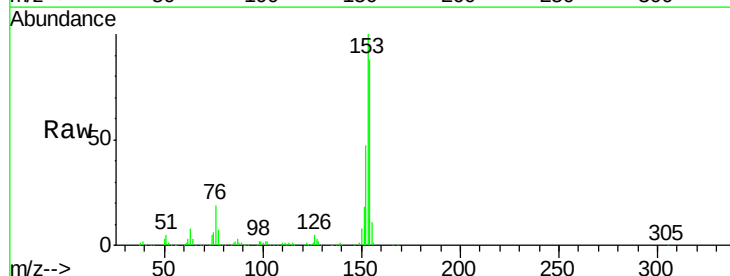
Instrument :
 BNA_G
 ClientSampleId :
 PB127702BS

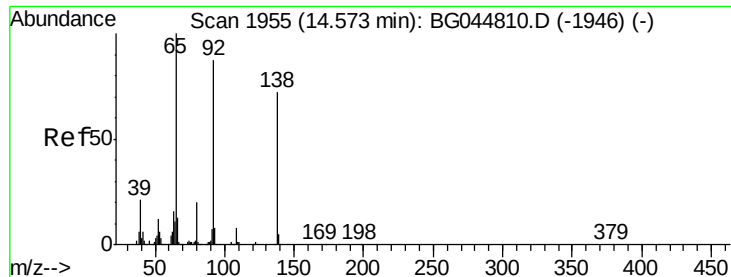
Tgt Ion:165 Resp: 152969
 Ion Ratio Lower Upper
 165 100
 63 56.6 45.8 68.8
 89 63.1 51.8 77.6



#52
 Acenaphthene
 Concen: 42.32 ng
 RT: 14.74 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: BG044918.D
 Acq: 20 Mar 2020 13:56

Tgt Ion:154 Resp: 581837
 Ion Ratio Lower Upper
 154 100
 153 113.8 89.0 133.6
 152 53.9 43.0 64.6





#53

3-Nitroaniline

Concen: 28.68 ng

RT: 14.57 min Scan# 1955

Delta R.T. 0.00 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

Instrument :

BNA_G

ClientSampleId :

PB127702BS

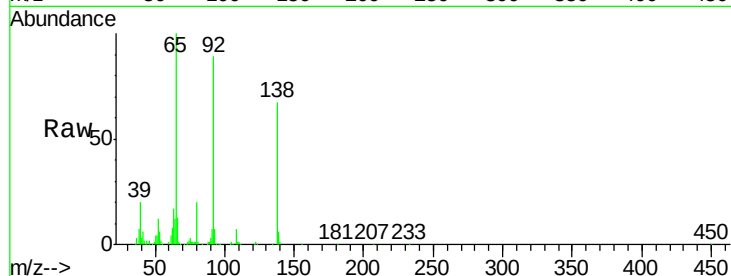
Tgt Ion:138 Resp: 116177

Ion Ratio Lower Upper

138 100

108 11.2 9.0 13.4

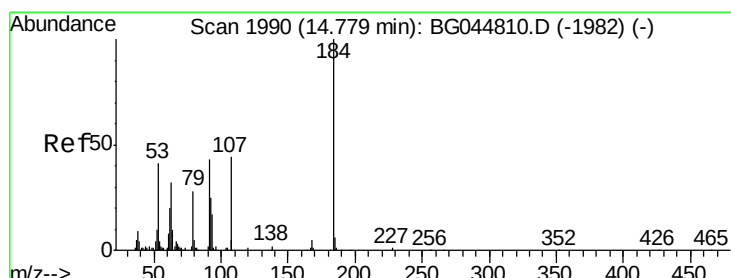
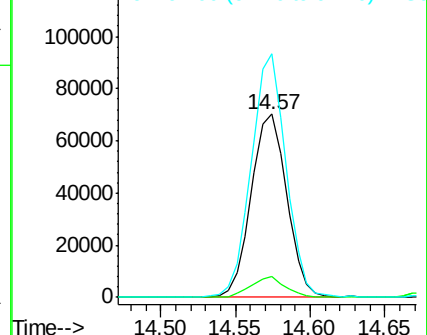
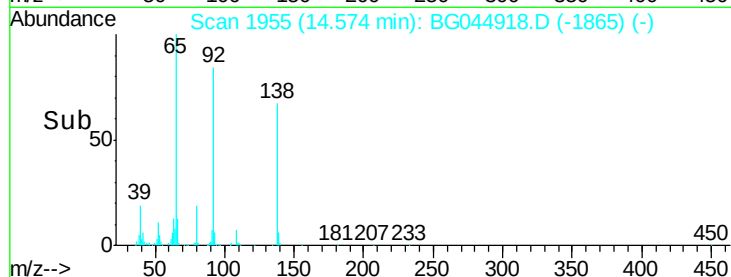
92 132.8 96.8 145.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 87.71 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

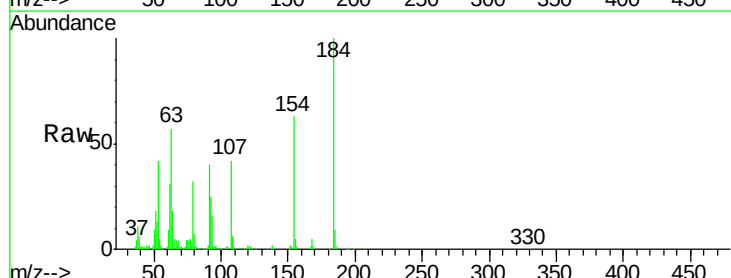
Tgt Ion:184 Resp: 163140

Ion Ratio Lower Upper

184 100

63 57.2 45.5 68.3

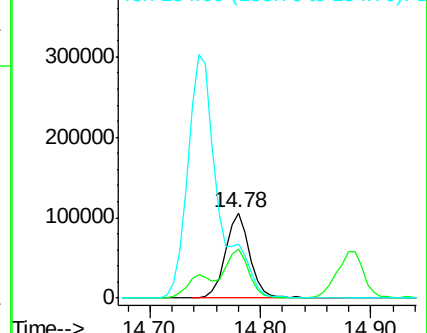
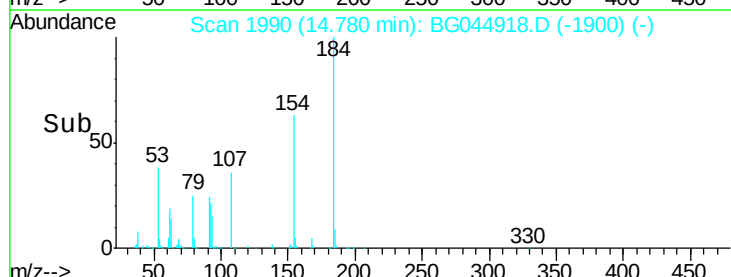
154 62.8 49.1 73.7

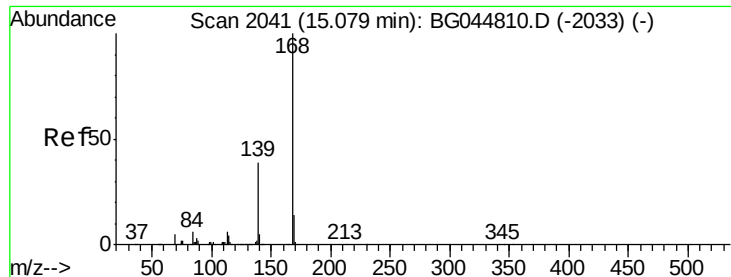


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

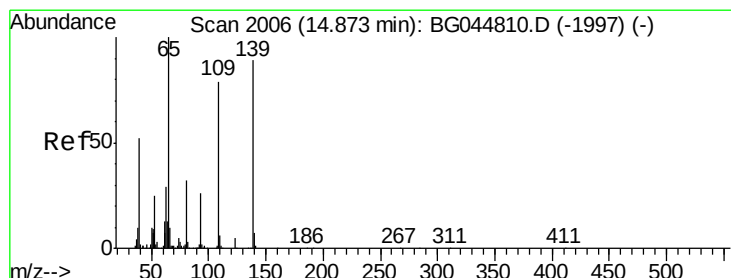
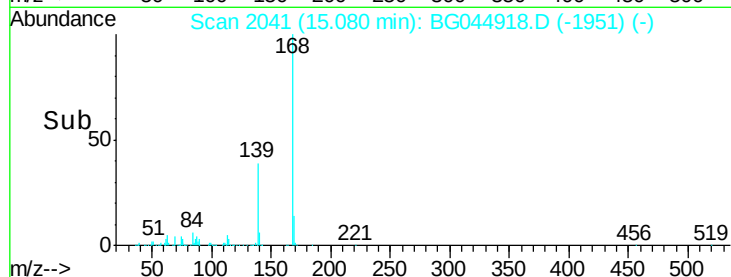
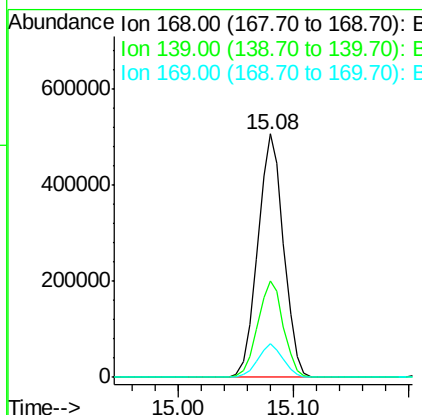
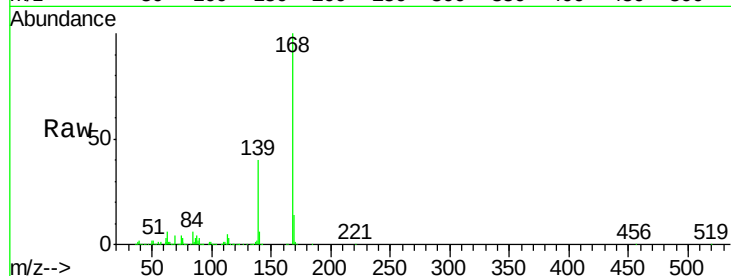




#55
Dibenzenofuran
Concen: 39.57 ng
RT: 15.08 min Scan# 2041
Delta R.T. 0.00 min
Lab File: BG044918.D
Acq: 20 Mar 2020 13:56

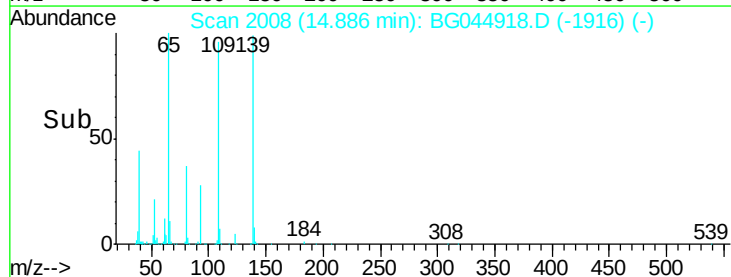
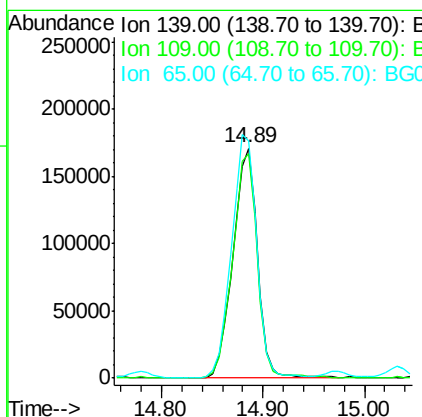
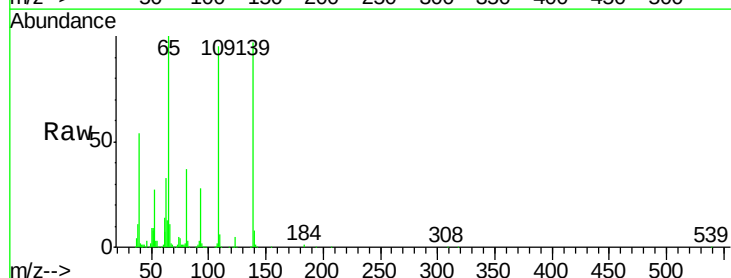
Instrument :
BNA_G
ClientSampleId :
PB127702BS

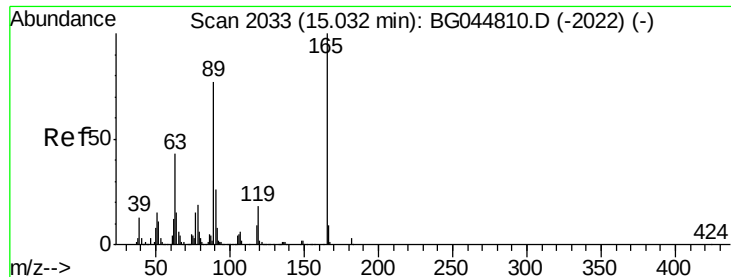
Tgt Ion:168 Resp: 788734
Ion Ratio Lower Upper
168 100
139 39.5 31.4 47.0
169 14.0 11.1 16.7



#56
4-Nitrophenol
Concen: 93.09 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BG044918.D
Acq: 20 Mar 2020 13:56

Tgt Ion:139 Resp: 287810
Ion Ratio Lower Upper
139 100
109 97.5 68.8 108.8
65 103.1 92.5 132.5

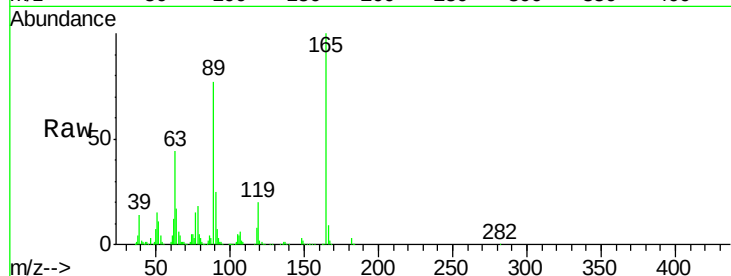




#57
2,4-Dinitrotoluene
Concen: 45.57 ng
RT: 15.03 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BG044918.D
Acq: 20 Mar 2020 13:56

Instrument :
BNA_G
ClientSampleId :
PB127702BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.6	34.6	52.0
89	77.1	61.3	91.9
182	3.4	2.2	3.2#

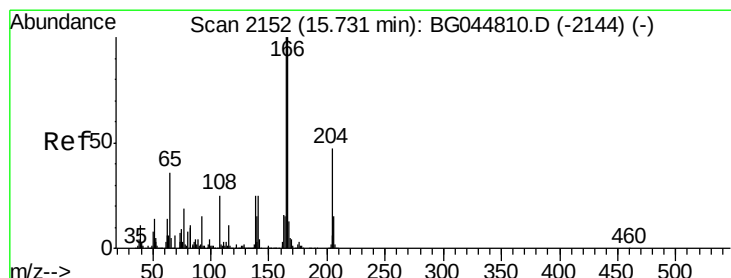
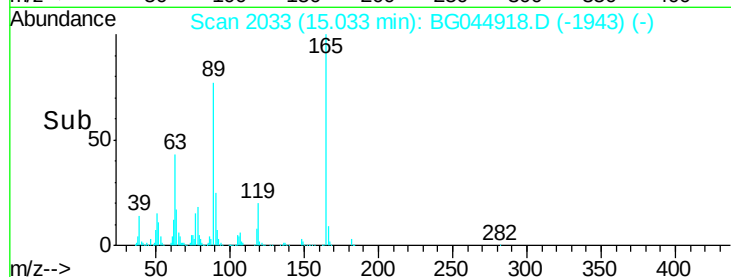
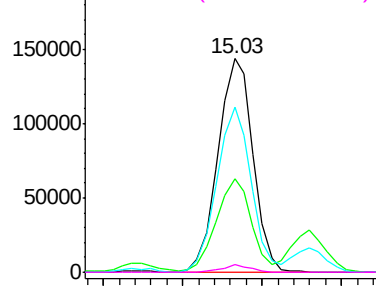


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

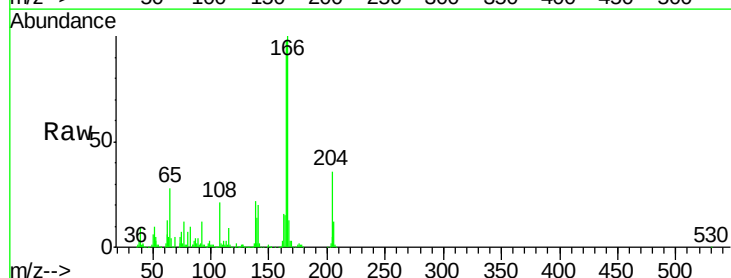
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.70 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG044918.D
Acq: 20 Mar 2020 13:56

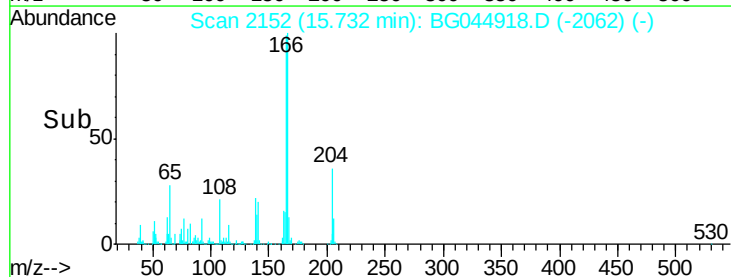
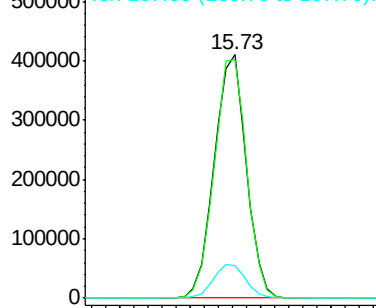
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.7	119.5
167	13.4	10.6	16.0

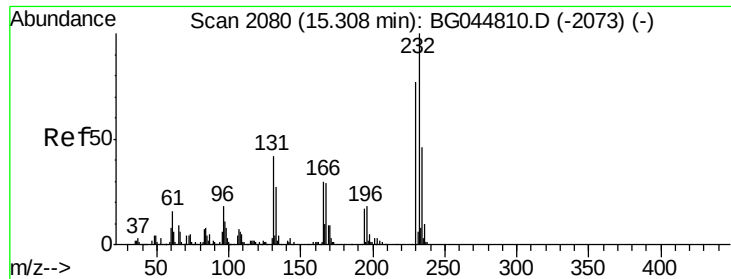


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

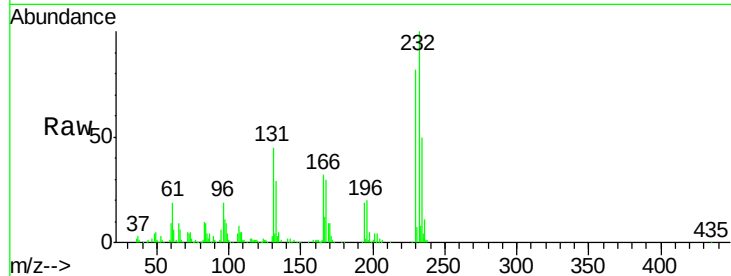




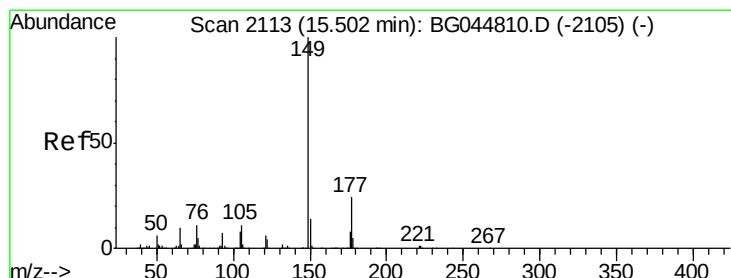
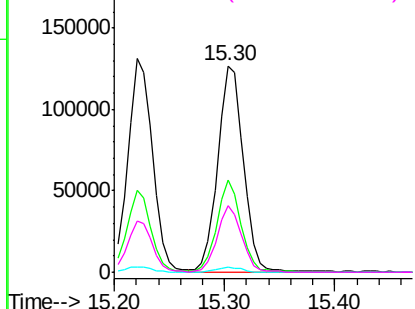
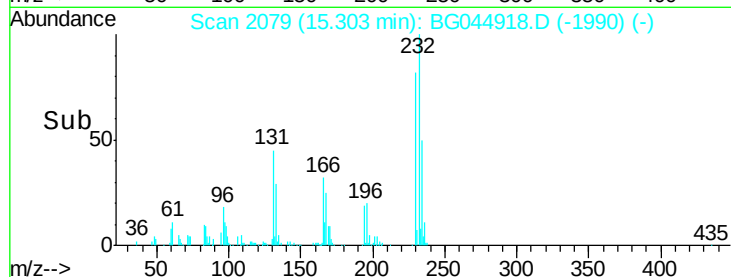
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.68 ng
 RT: 15.30 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: BG044918.D
 Acq: 20 Mar 2020 13:56

Instrument :
 BNA_G
 ClientSampleId :
 PB127702BS

Tgt Ion:	232	Resp:	204629
Ion	Ratio	Lower	Upper
232	100		
131	41.5	31.8	47.8
130	2.6	2.2	3.2
166	30.2	20.2	30.2

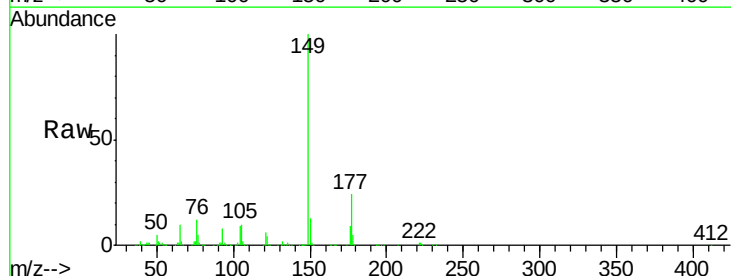


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

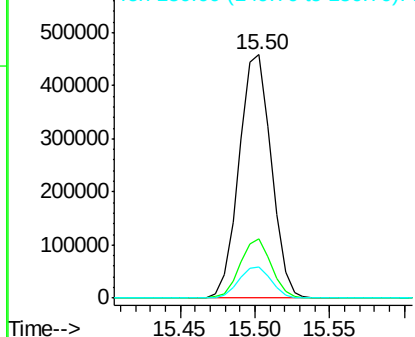
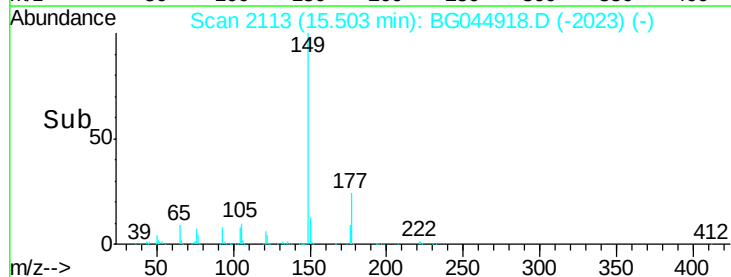


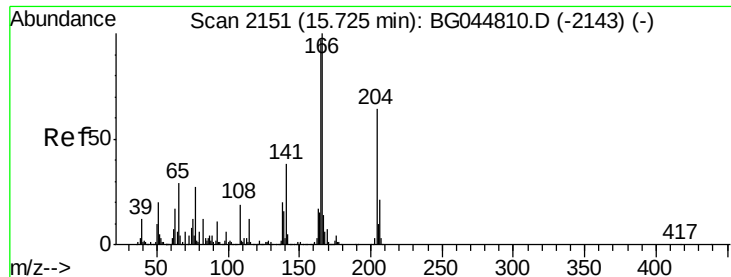
#60
 Diethylphthalate
 Concen: 37.67 ng
 RT: 15.50 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: BG044918.D
 Acq: 20 Mar 2020 13:56

Tgt Ion:	149	Resp:	686782
Ion	Ratio	Lower	Upper
149	100		
177	24.3	19.3	28.9
150	12.7	11.0	16.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

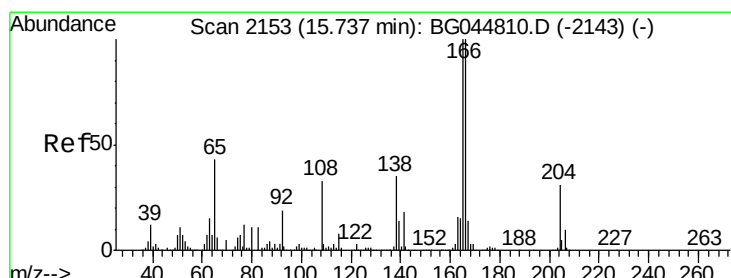
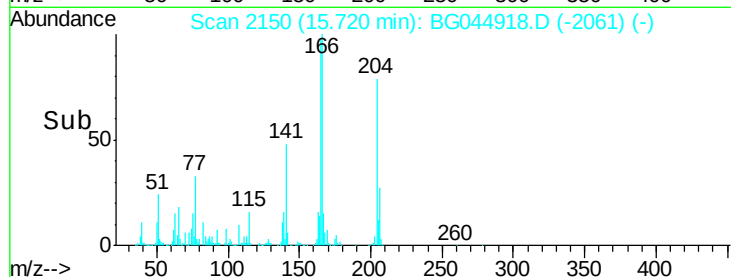
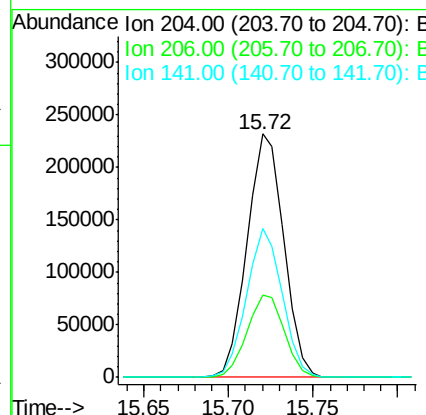
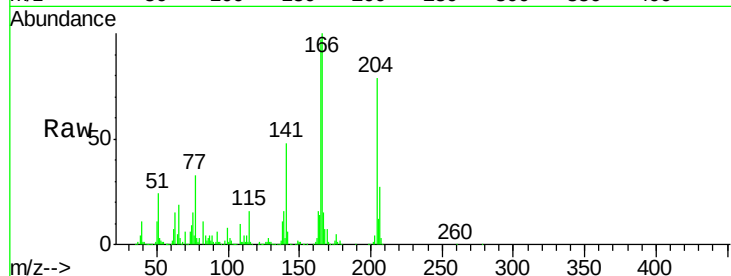




#61
 4-Chlorophenyl-phenylether
 Concen: 39.58 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. -0.01 min
 Lab File: BG044918.D
 Acq: 20 Mar 2020 13:56

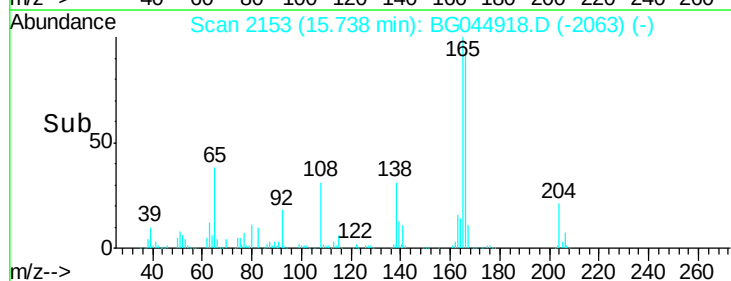
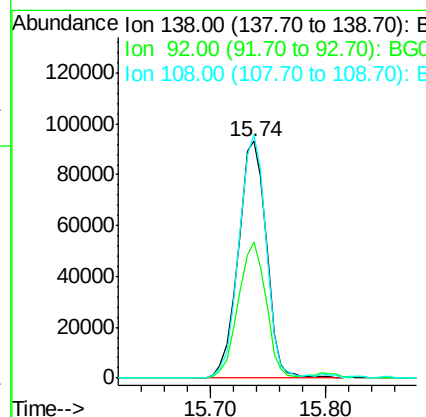
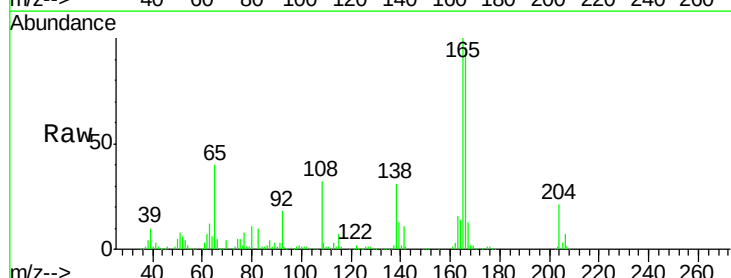
Instrument :
 BNA_G
 ClientSampleId :
 PB127702BS

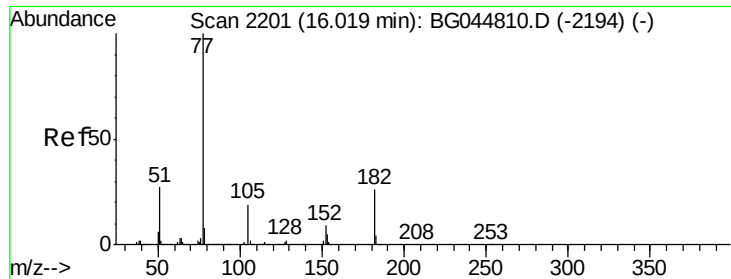
Tgt Ion: 204 Resp: 349479
 Ion Ratio Lower Upper
 204 100
 206 33.8 26.2 39.2
 141 61.1 47.7 71.5



#62
 4-Nitroaniline
 Concen: 36.48 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: BG044918.D
 Acq: 20 Mar 2020 13:56

Tgt Ion: 138 Resp: 157564
 Ion Ratio Lower Upper
 138 100
 92 57.5 34.5 74.5
 108 102.7 74.5 114.5





#63

Azobenzene

Concen: 35.96 ng

RT: 16.01 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

Instrument :

BNA_G

ClientSampleId :

PB127702BS

Tgt Ion: 77 Resp: 680900

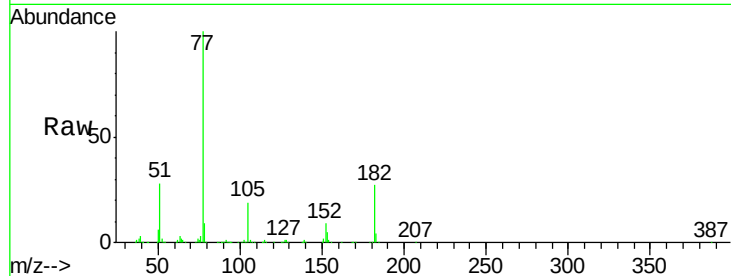
Ion Ratio Lower Upper

77 100

182 26.9 6.4 46.4

105 19.1 0.0 39.1

51 28.3 7.3 47.3

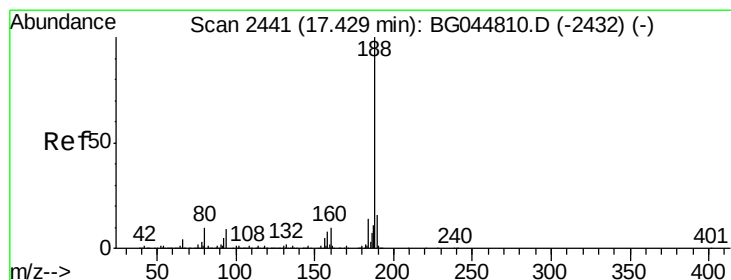
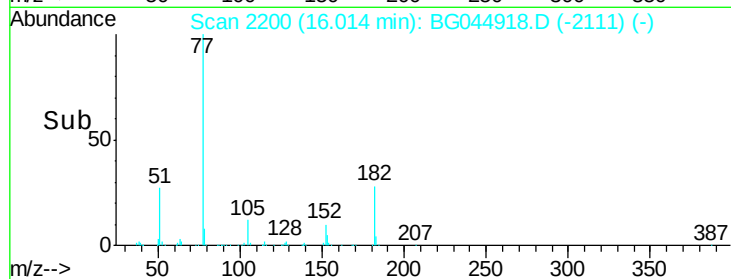
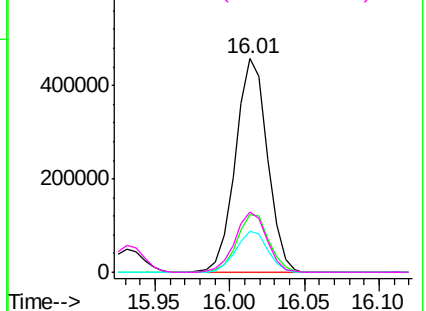


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

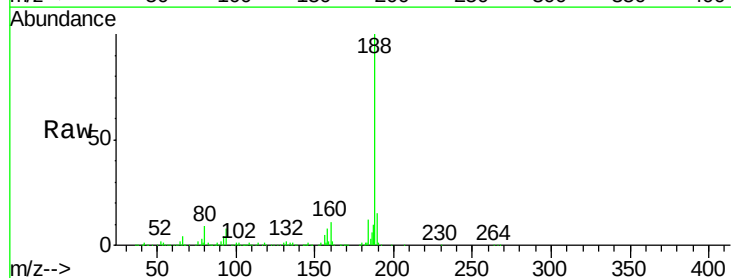
Tgt Ion: 188 Resp: 514891

Ion Ratio Lower Upper

188 100

94 8.1 7.3 10.9

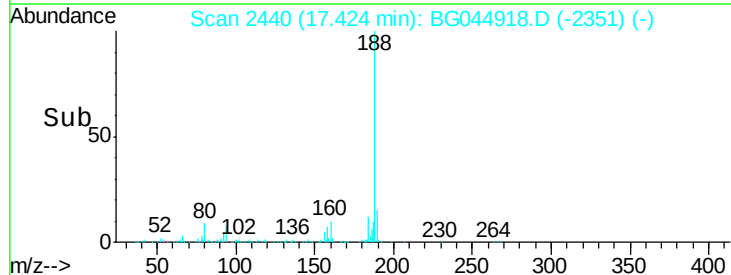
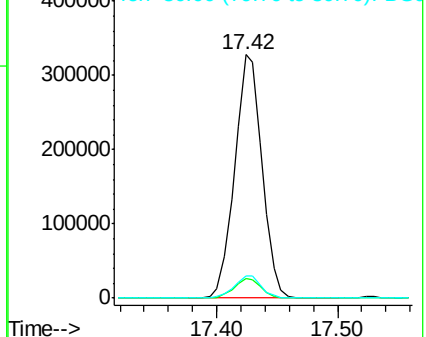
80 9.2 8.0 12.0

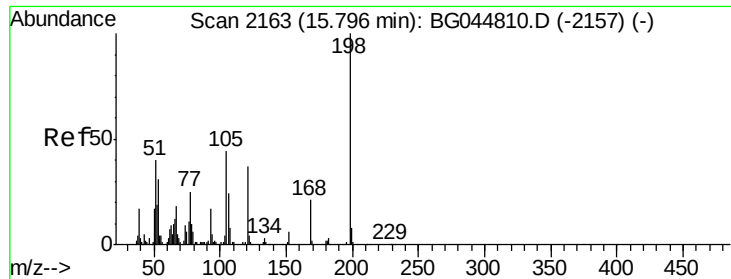


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

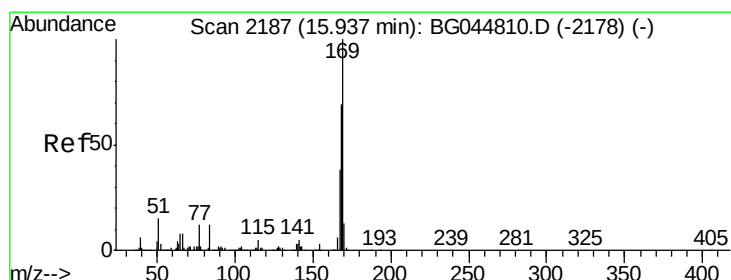
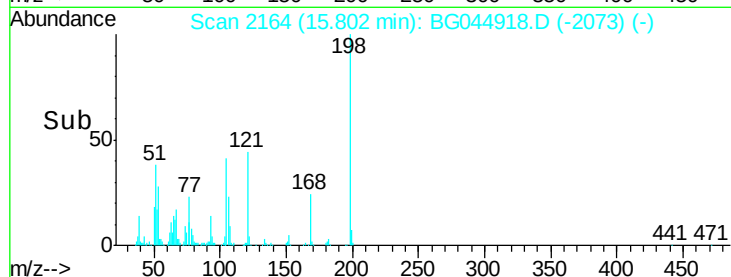
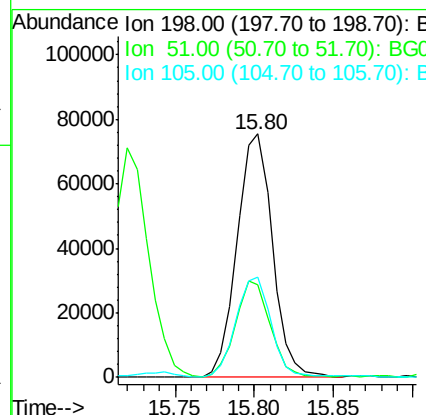
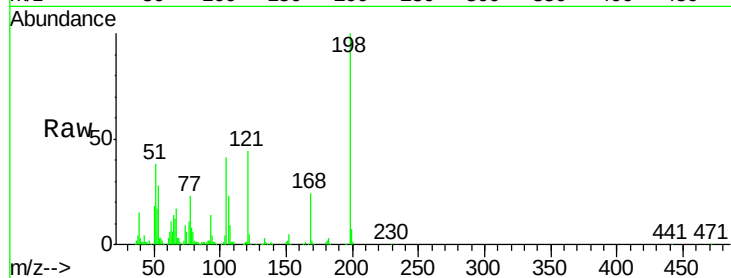




#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.29 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. 0.01 min
 Lab File: BG044918.D
 Acq: 20 Mar 2020 13:56

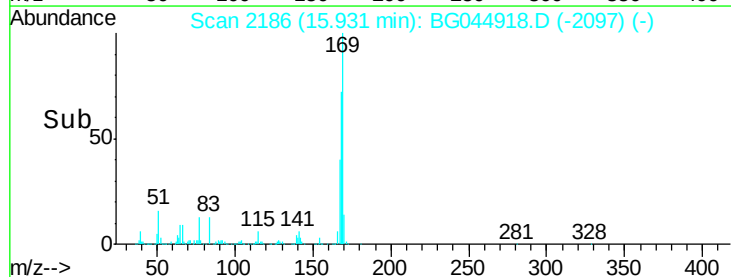
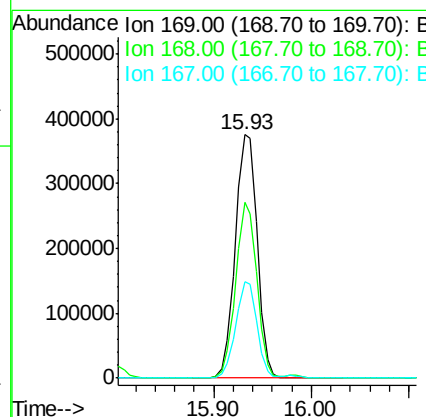
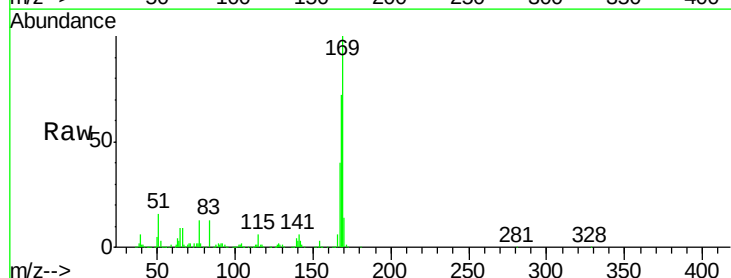
Instrument :
 BNA_G
 ClientSampleId :
 PB127702BS

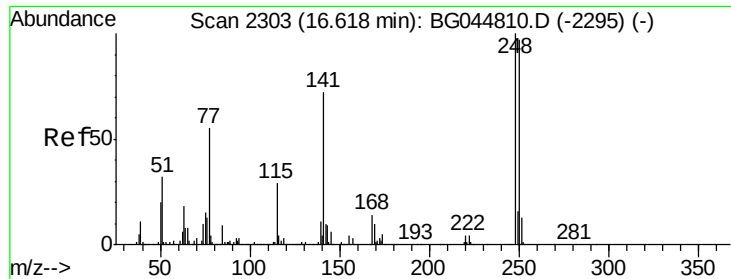
Tgt Ion:198 Resp: 117143
 Ion Ratio Lower Upper
 198 100
 51 38.2 21.1 61.1
 105 41.3 24.5 64.5



#66
 n-Nitrosodiphenylamine
 Concen: 37.69 ng
 RT: 15.93 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BG044918.D
 Acq: 20 Mar 2020 13:56

Tgt Ion:169 Resp: 584241
 Ion Ratio Lower Upper
 169 100
 168 72.4 55.4 83.2
 167 39.7 30.1 45.1

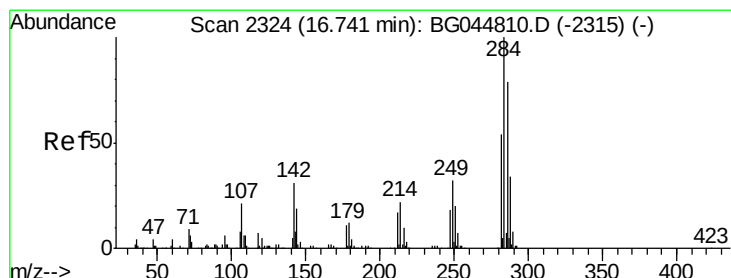
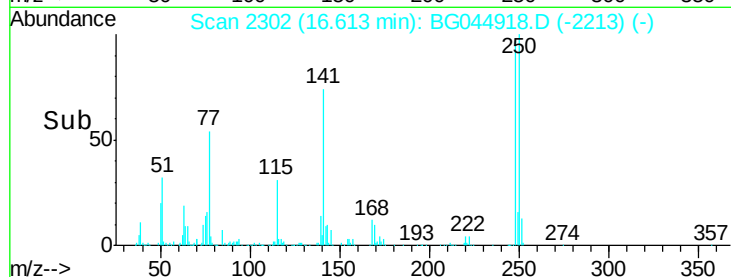
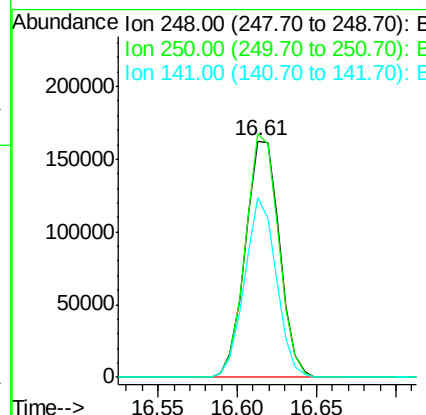
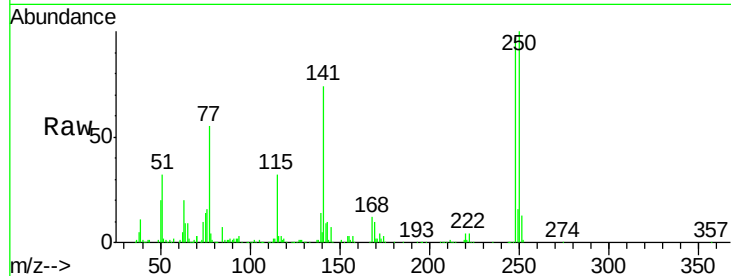




#67
4-Bromophenyl-phenylether
Concen: 37.79 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG044918.D
Acq: 20 Mar 2020 13:56

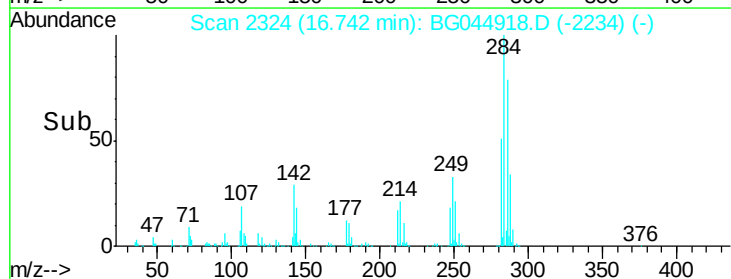
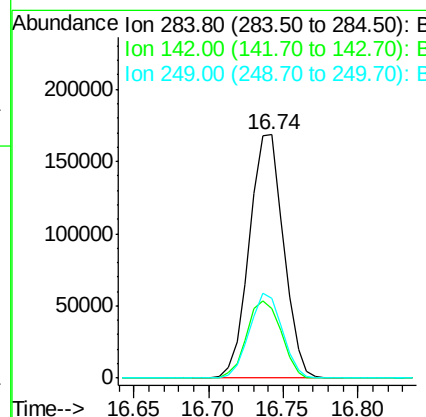
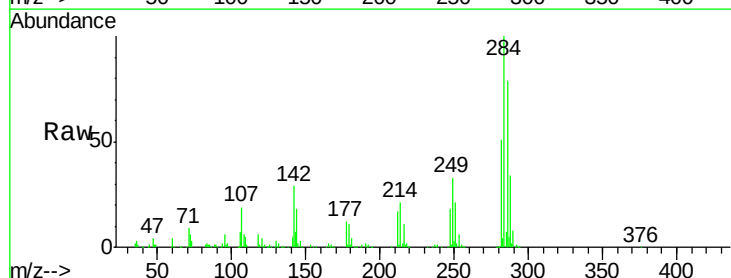
Instrument :
BNA_G
ClientSampleId :
PB127702BS

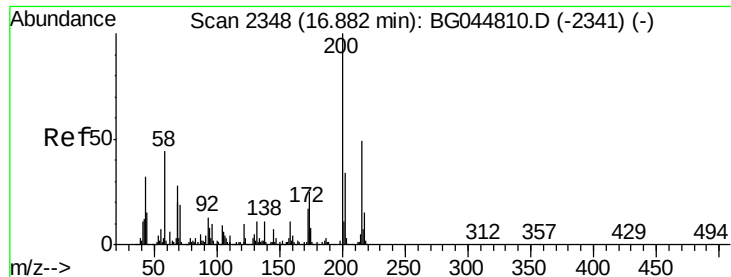
Tgt Ion:248 Resp: 243277
Ion Ratio Lower Upper
248 100
250 103.0 77.9 116.9
141 76.1 57.5 86.3



#68
Hexachlorobenzene
Concen: 38.23 ng
RT: 16.74 min Scan# 2324
Delta R.T. 0.00 min
Lab File: BG044918.D
Acq: 20 Mar 2020 13:56

Tgt Ion:284 Resp: 266953
Ion Ratio Lower Upper
284 100
142 28.6 25.0 37.6
249 32.7 25.8 38.8

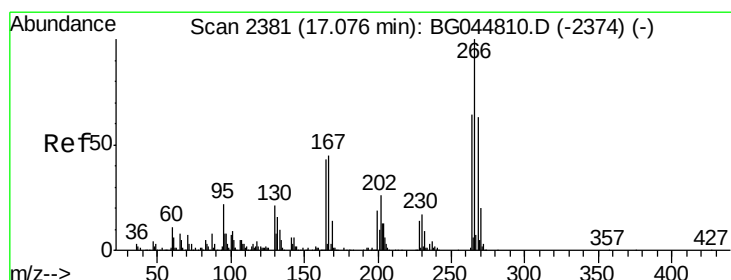
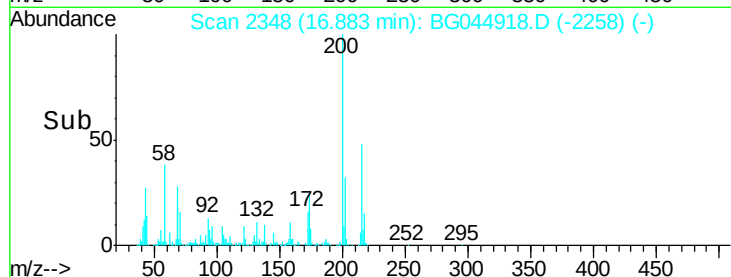
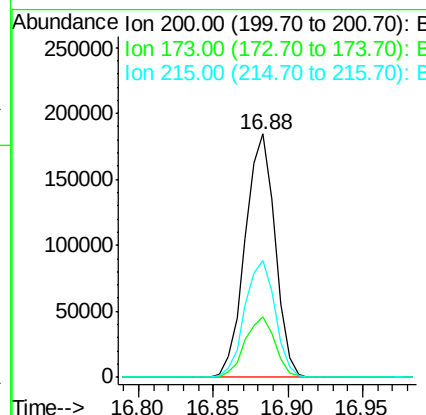
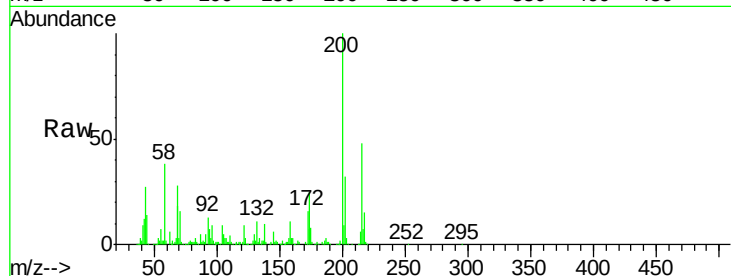




#69
Atrazine
Concen: 44.92 ng
RT: 16.88 min Scan# 2348
Delta R.T. 0.00 min
Lab File: BG044918.D
Acq: 20 Mar 2020 13:56

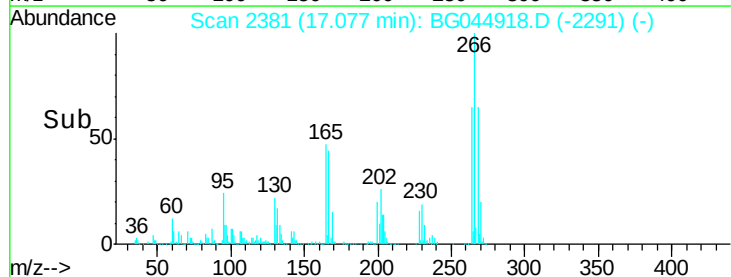
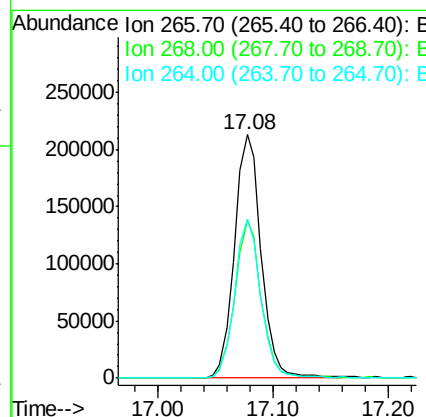
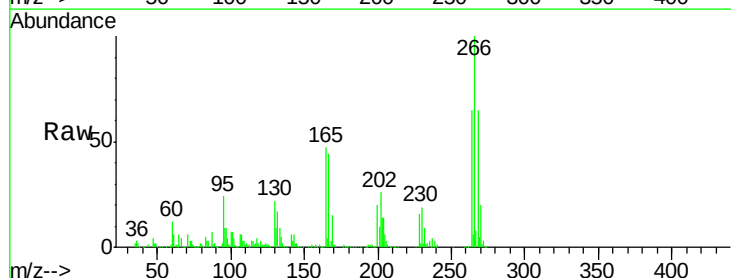
Instrument :
BNA_G
ClientSampleId :
PB127702BS

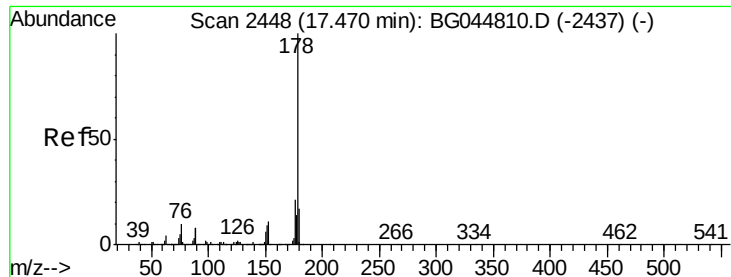
Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.0	5.3	45.3
215	47.8	28.9	68.9



#70
Pentachlorophenol
Concen: 88.86 ng
RT: 17.08 min Scan# 2381
Delta R.T. 0.00 min
Lab File: BG044918.D
Acq: 20 Mar 2020 13:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	50.3	75.5
264	65.5	51.4	77.2





#71

Phenanthrene

Concen: 38.64 ng

RT: 17.47 min Scan# 2448

Delta R.T. 0.00 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

Instrument :

BNA_G

ClientSampleId :

PB127702BS

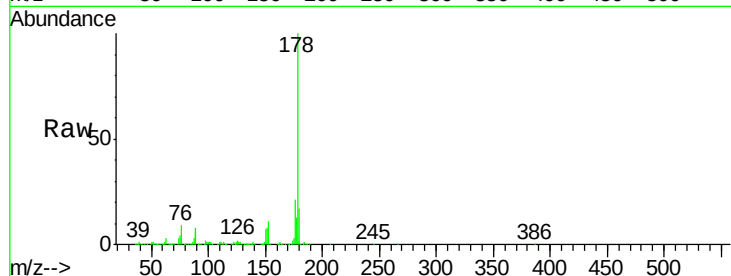
Tgt Ion:178 Resp: 1063061

Ion Ratio Lower Upper

178 100

176 20.9 16.6 24.8

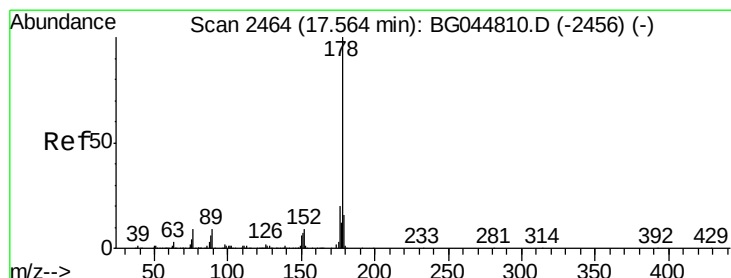
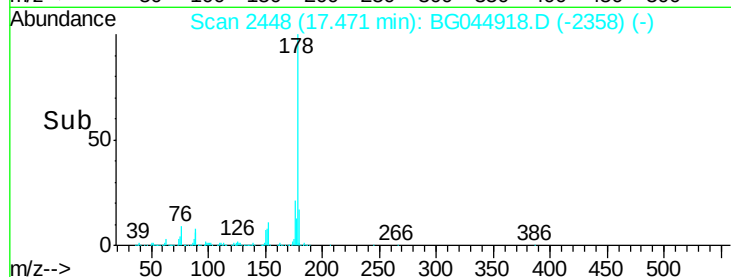
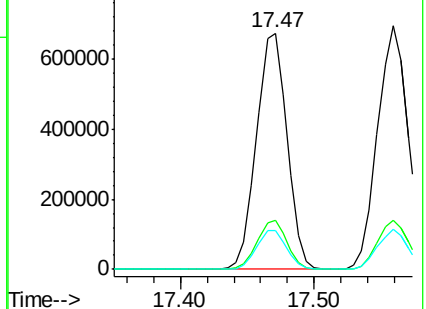
179 16.6 13.5 20.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.49 ng

RT: 17.56 min Scan# 2463

Delta R.T. -0.01 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

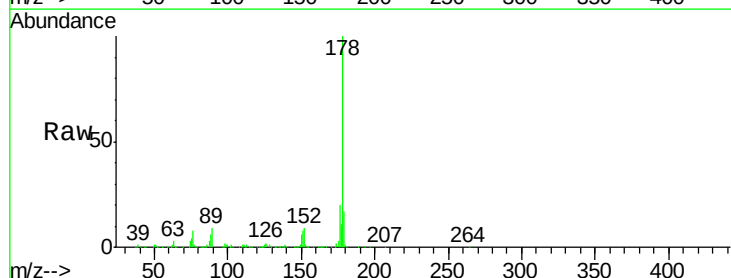
Tgt Ion:178 Resp: 1098546

Ion Ratio Lower Upper

178 100

176 20.0 15.9 23.9

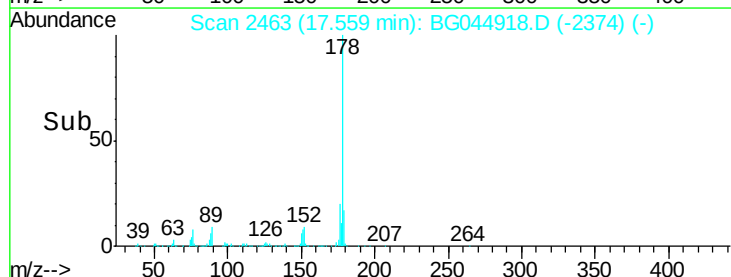
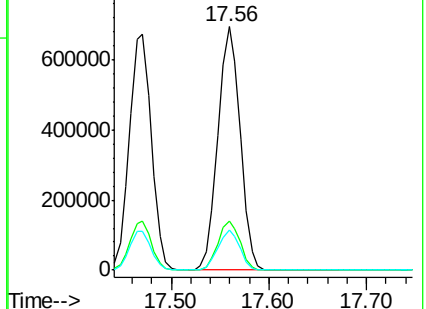
179 16.6 13.2 19.8

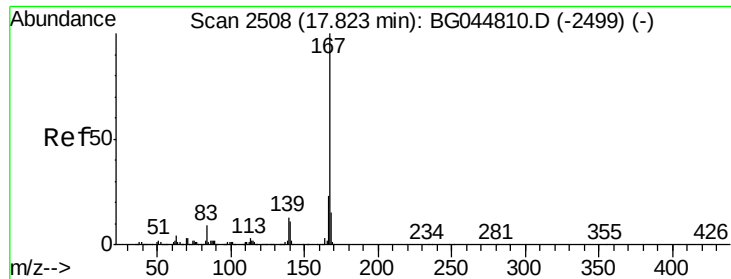


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 39.69 ng

RT: 17.82 min Scan# 2508

Delta R.T. 0.00 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

Instrument :

BNA_G

ClientSampleId :

PB127702BS

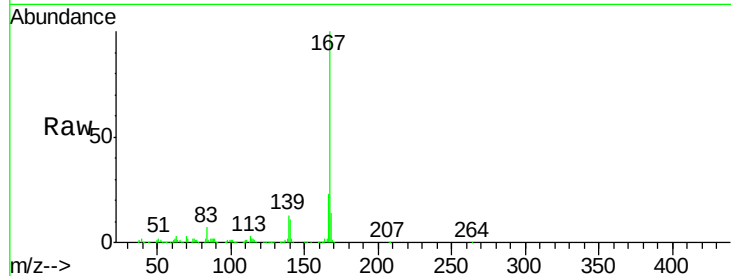
Tgt Ion:167 Resp: 1034321

Ion Ratio Lower Upper

167 100

166 23.3 18.8 28.2

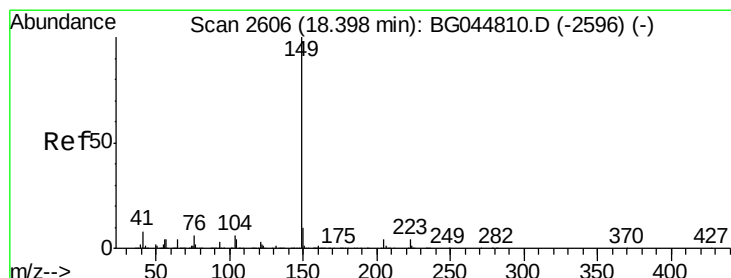
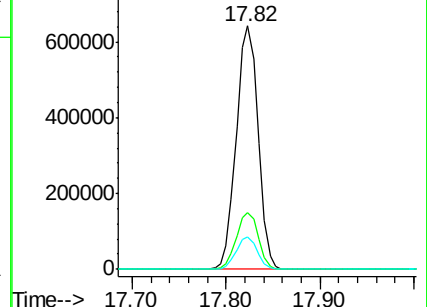
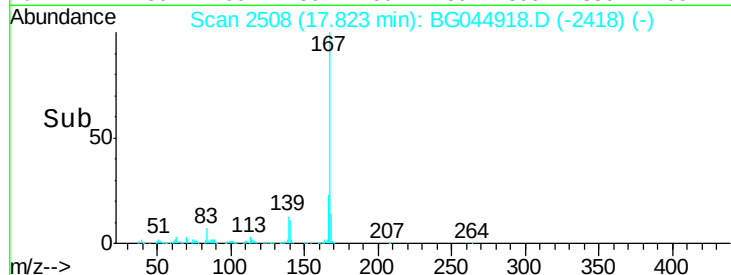
139 13.2 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.82 ng

RT: 18.39 min Scan# 2605

Delta R.T. -0.01 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

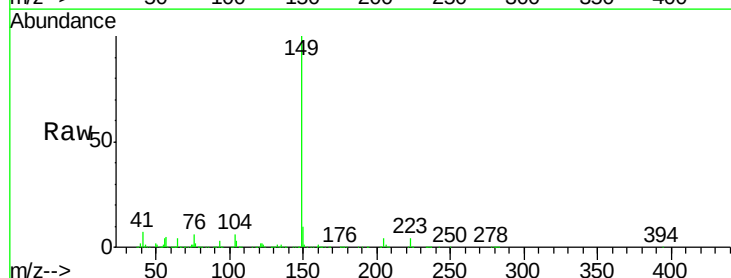
Tgt Ion:149 Resp: 1229989

Ion Ratio Lower Upper

149 100

150 9.8 8.1 12.1

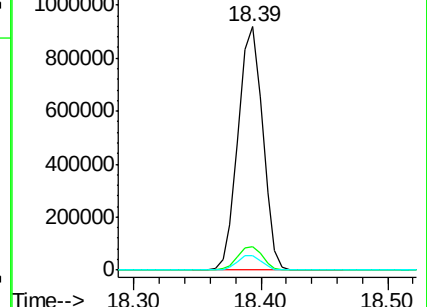
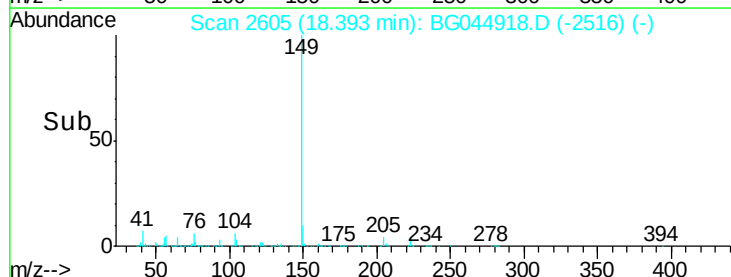
104 6.0 5.0 7.4

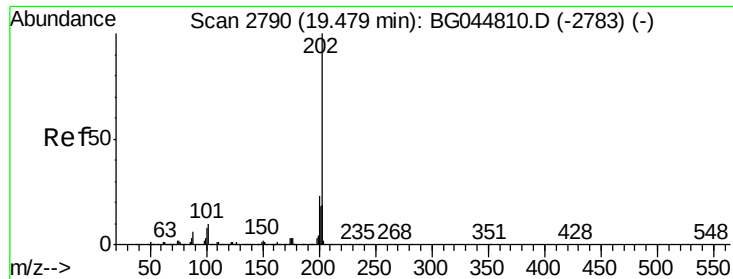


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.84 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.01 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

Instrument :

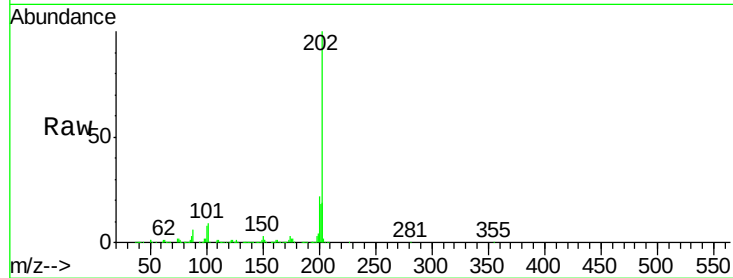
BNA_G

ClientSampleId :

PB127702BS

Tgt Ion:202 Resp: 1370839

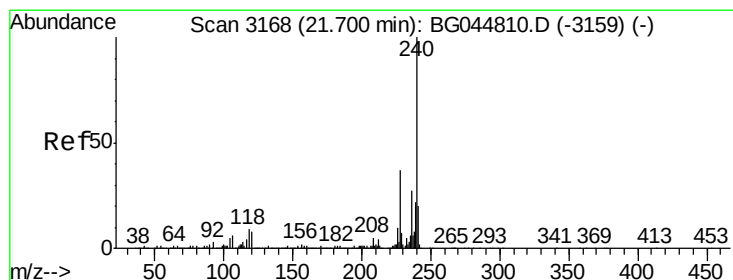
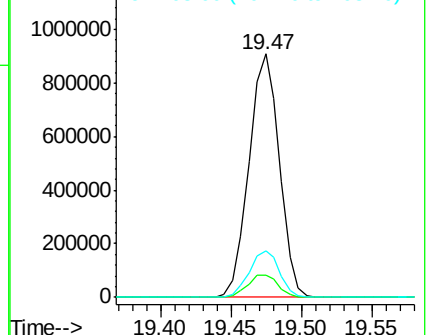
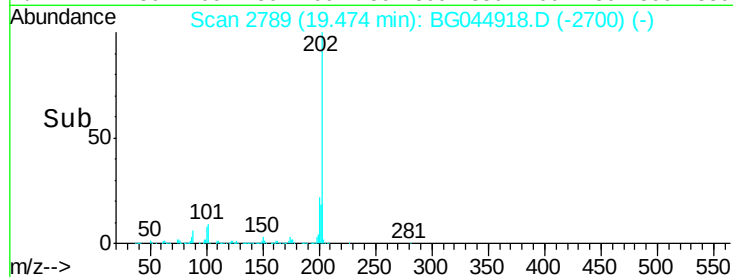
Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	29.8
203	18.9	0.0	39.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.70 min Scan# 3167

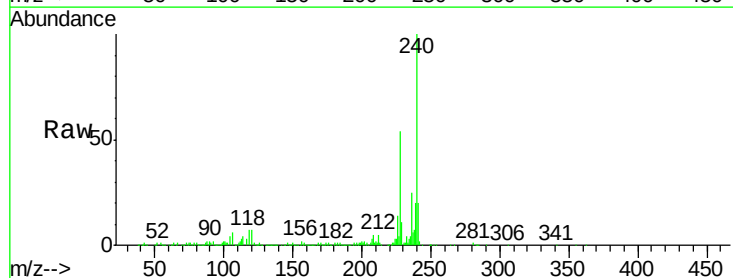
Delta R.T. -0.01 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

Tgt Ion:240 Resp: 482013

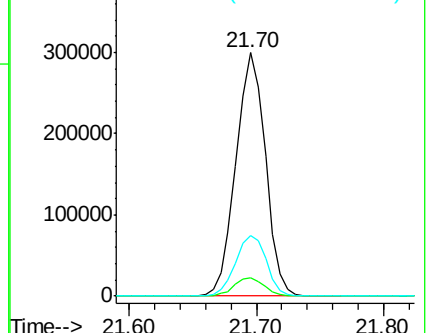
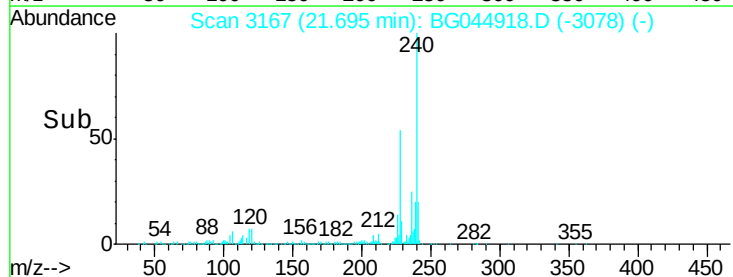
Ion	Ratio	Lower	Upper
240	100		
120	7.3	6.7	10.1
236	25.0	21.5	32.3

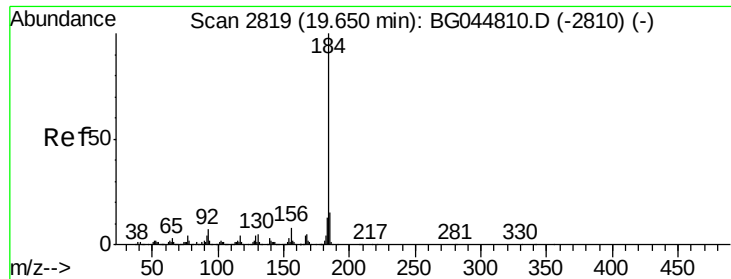


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.61 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.01 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

Instrument :

BNA_G

ClientSampleId :

PB127702BS

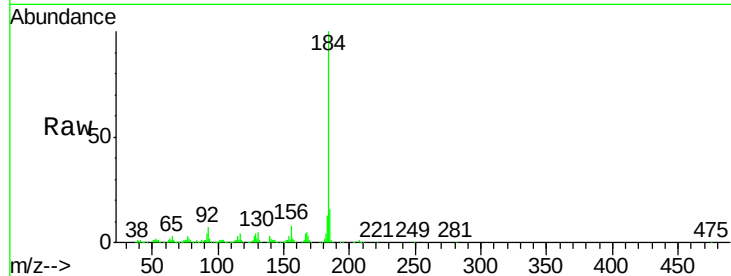
Tgt Ion:184 Resp: 525897

Ion Ratio Lower Upper

184 100

185 15.6 12.2 18.4

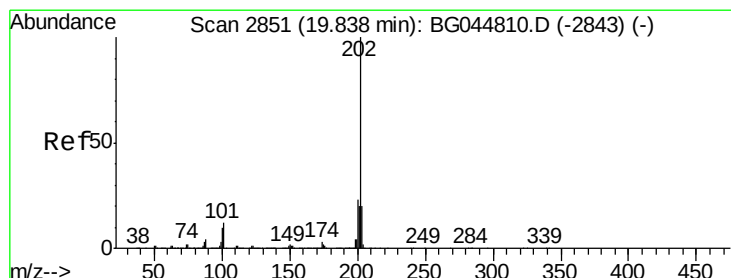
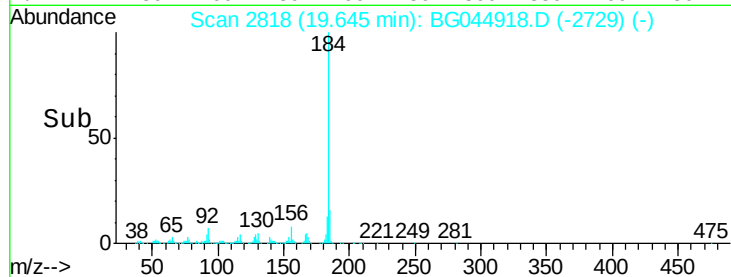
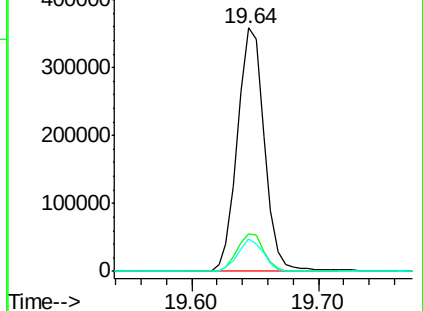
183 13.1 10.7 16.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.61 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

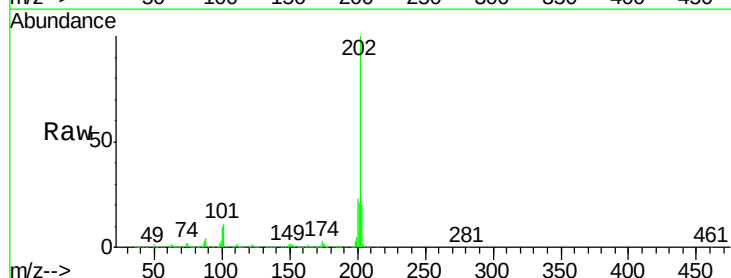
Tgt Ion:202 Resp: 1365552

Ion Ratio Lower Upper

202 100

200 23.3 18.3 27.5

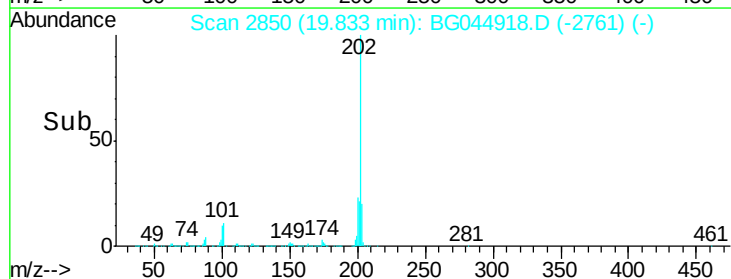
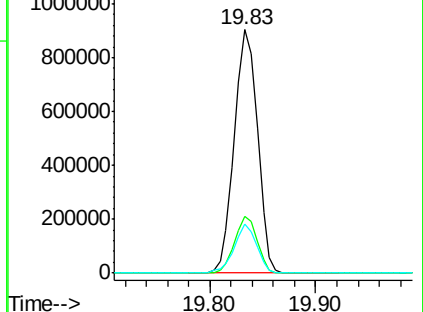
203 20.1 15.6 23.4

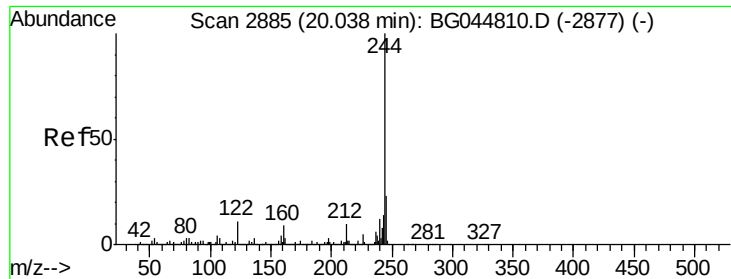


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 65.05 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

Instrument :

BNA_G

ClientSampleId :

PB127702BS

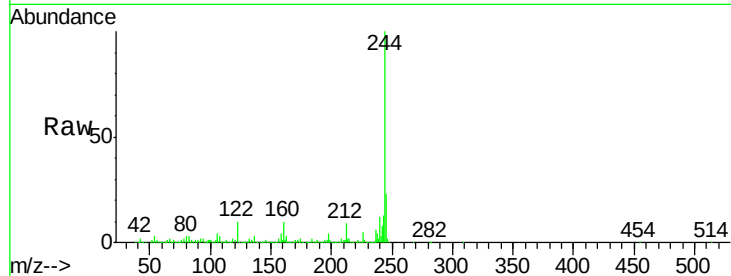
Tgt Ion:244 Resp: 1676242

Ion Ratio Lower Upper

244 100

212 9.3 7.7 11.5

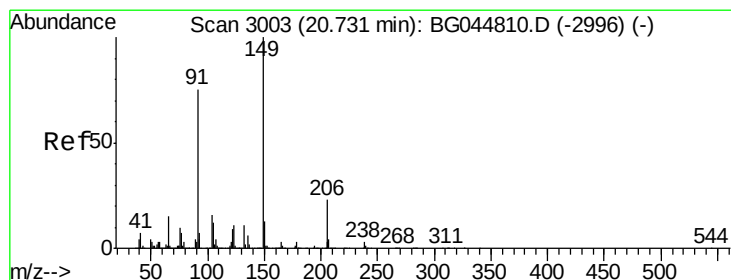
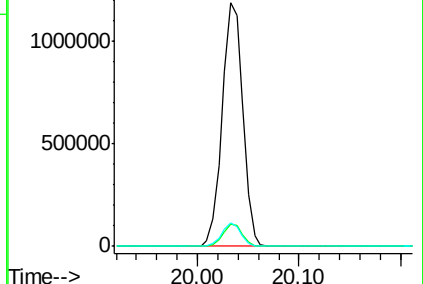
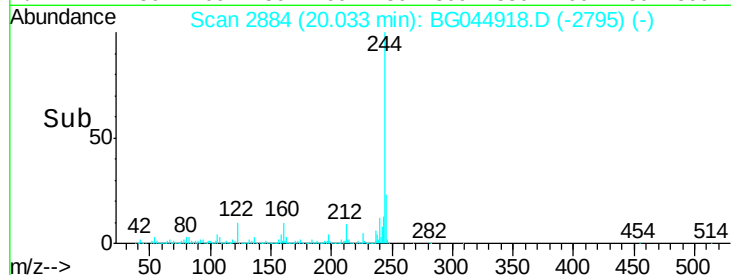
122 9.6 8.6 12.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.17 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.01 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

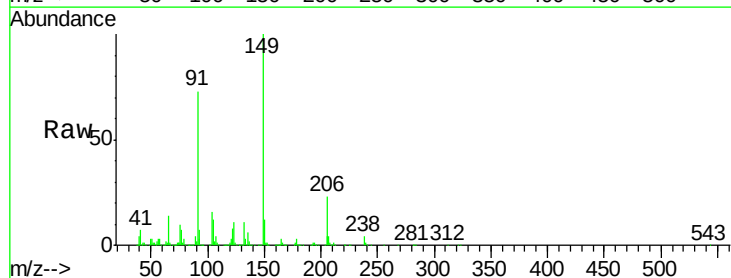
Tgt Ion:149 Resp: 584855

Ion Ratio Lower Upper

149 100

91 73.1 60.2 90.4

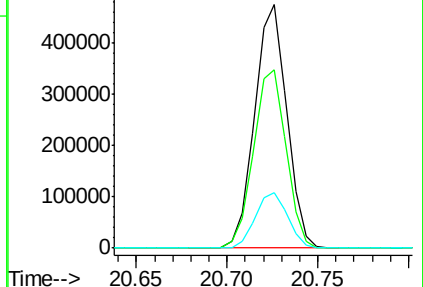
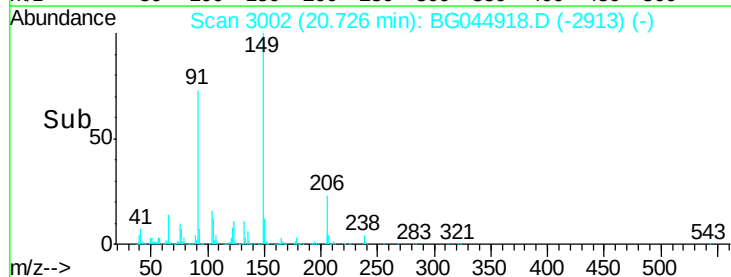
206 22.8 18.6 27.8

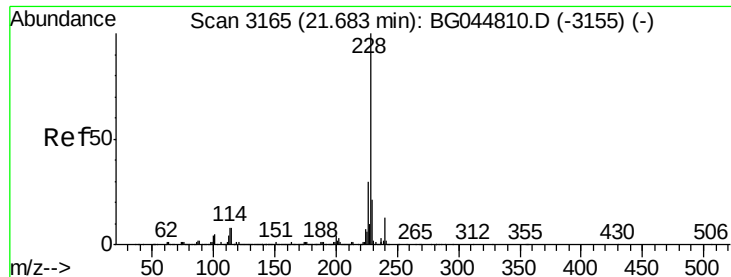


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.46 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

Instrument :

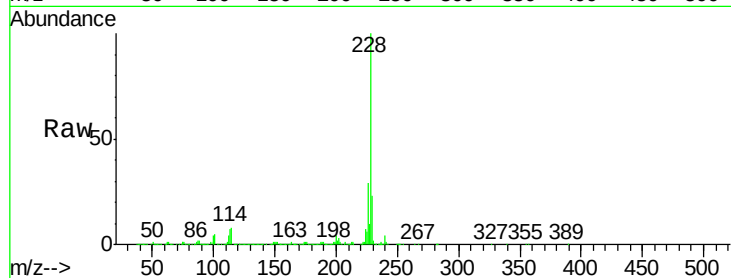
BNA_G

ClientSampleId :

PB127702BS

Tgt Ion:228 Resp: 1335006

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.6	35.4
229	22.6	17.1	25.7

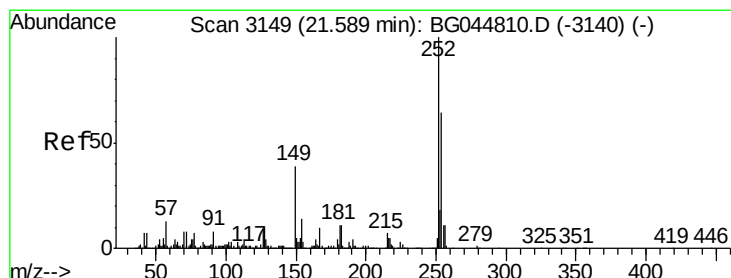
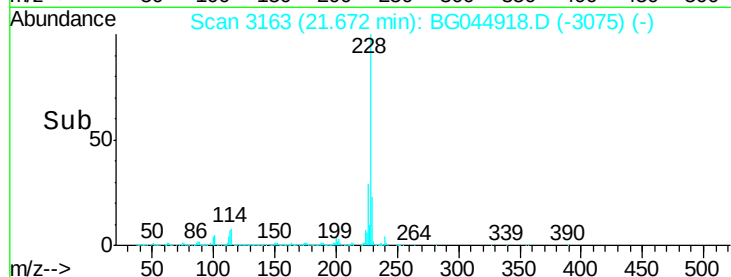
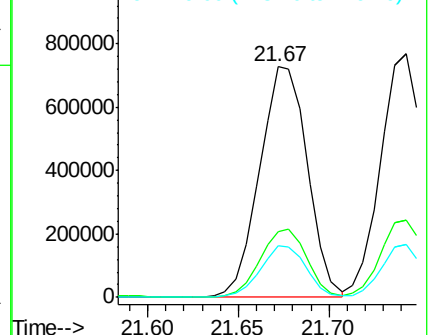


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.19 ng

RT: 21.59 min Scan# 3149

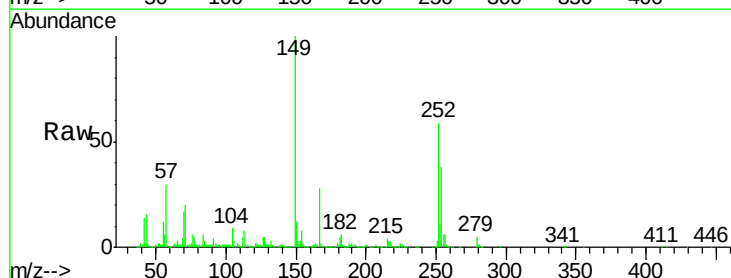
Delta R.T. 0.00 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

Tgt Ion:252 Resp: 432277

Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.6	77.4
126	8.3	7.0	10.6

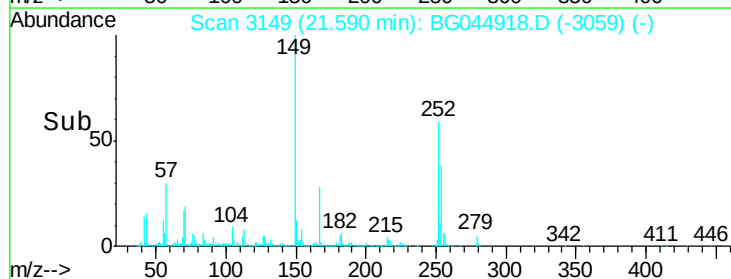
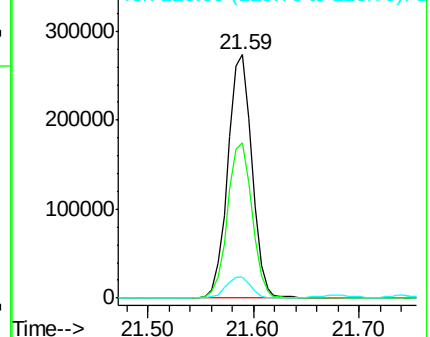


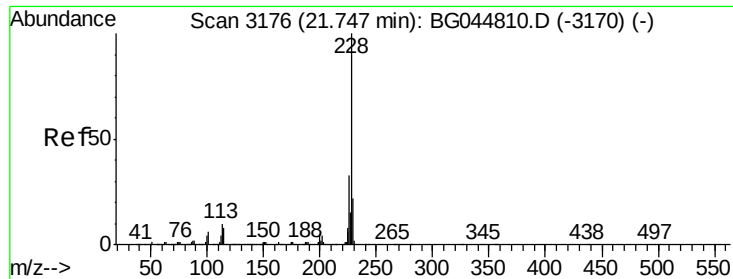
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.13 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.01 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

Instrument :

BNA_G

ClientSampleId :

PB127702BS

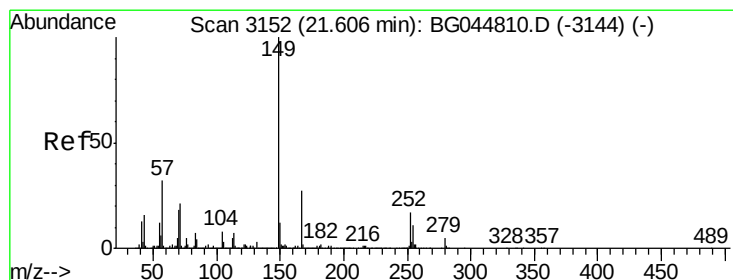
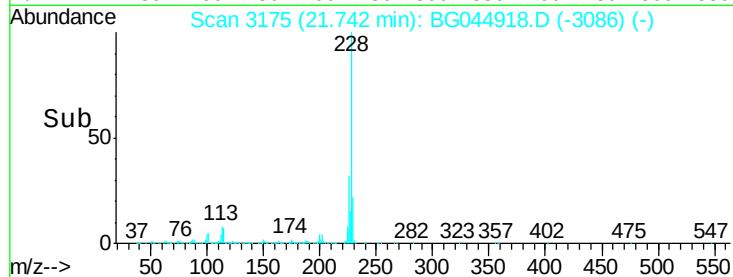
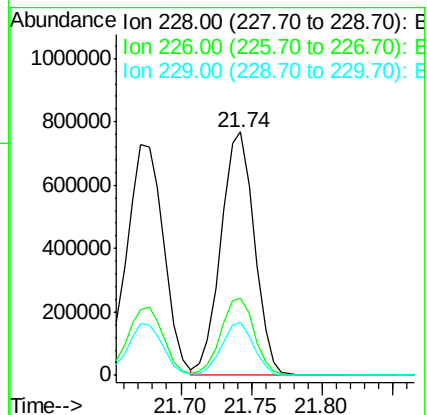
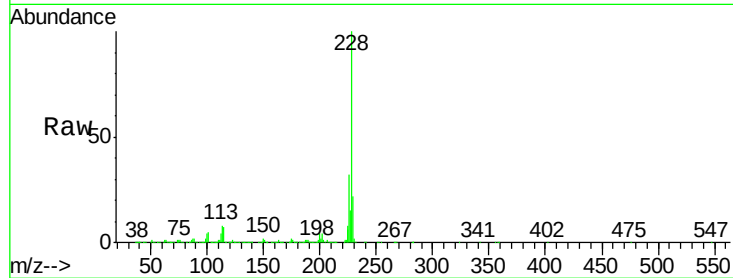
Tgt Ion:228 Resp: 1264240

Ion Ratio Lower Upper

228 100

226 31.9 25.9 38.9

229 21.8 17.4 26.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.83 ng

RT: 21.60 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

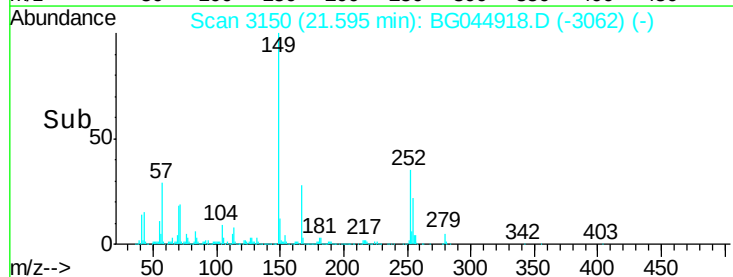
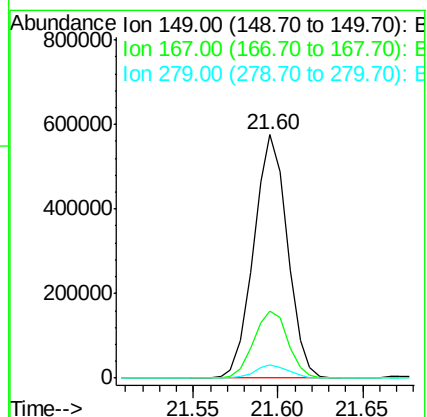
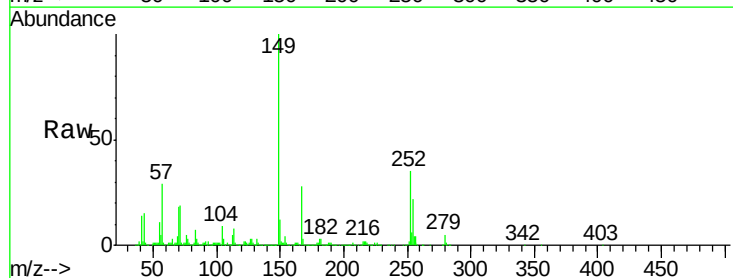
Tgt Ion:149 Resp: 799600

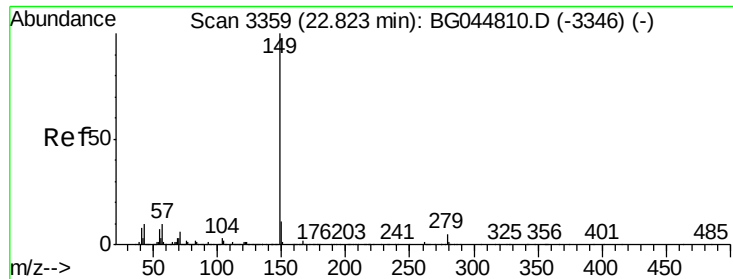
Ion Ratio Lower Upper

149 100

167 27.7 21.8 32.6

279 5.3 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 38.33 ng

RT: 22.81 min Scan# 3357

Delta R.T. -0.01 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

Instrument :

BNA_G

ClientSampleId :

PB127702BS

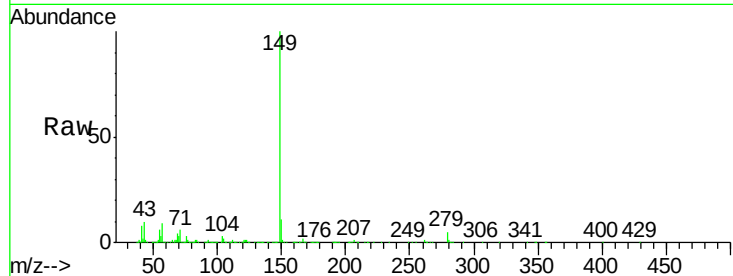
Tgt Ion:149 Resp: 1392607

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

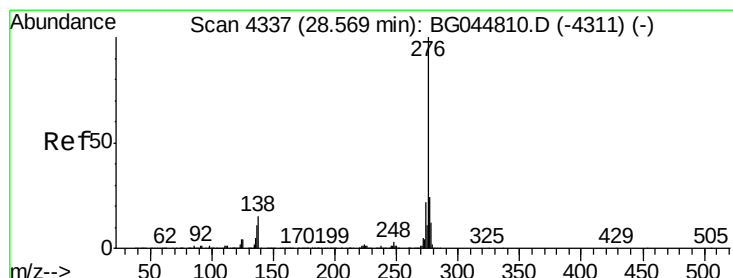
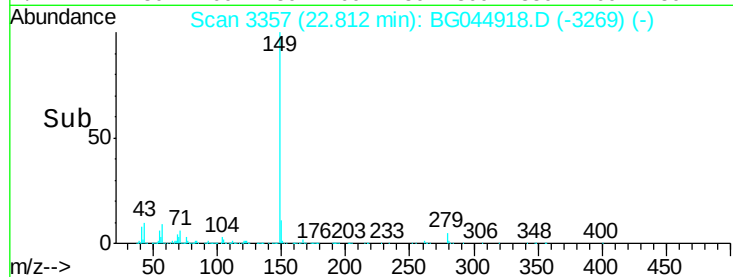
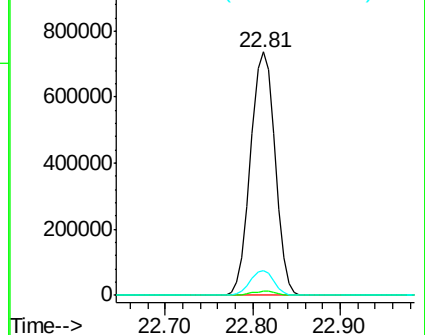
43 9.7 8.2 12.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.10 ng

RT: 28.56 min Scan# 4335

Delta R.T. -0.01 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

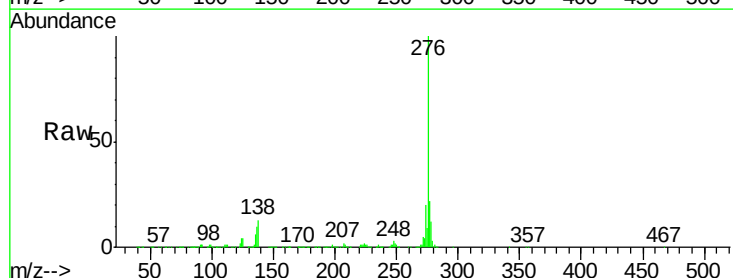
Tgt Ion:276 Resp: 1699573

Ion Ratio Lower Upper

276 100

138 11.9 7.4 11.0#

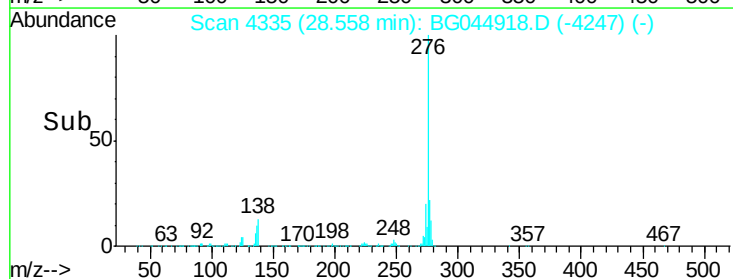
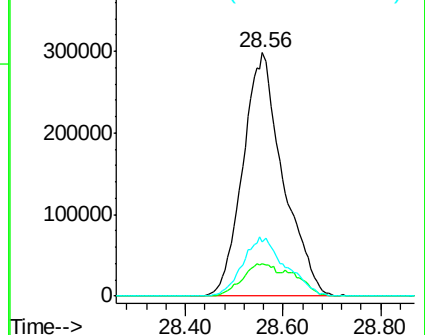
277 25.9 20.8 31.2

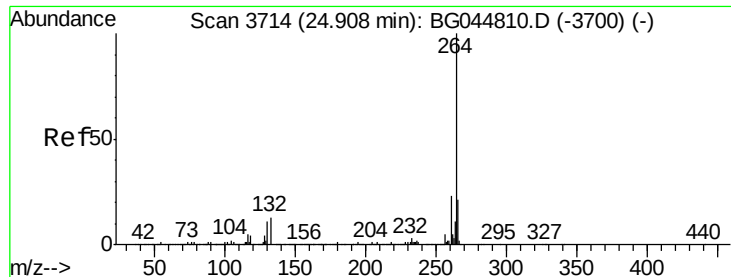


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.00 ng

RT: 24.90 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

Instrument :

BNA_G

ClientSampleId :

PB127702BS

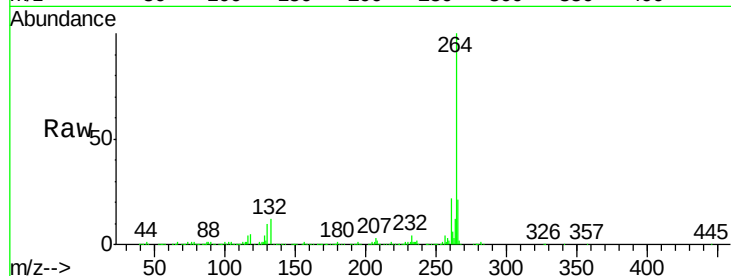
Tgt Ion:264 Resp: 551753

Ion Ratio Lower Upper

264 100

260 21.8 18.1 27.1

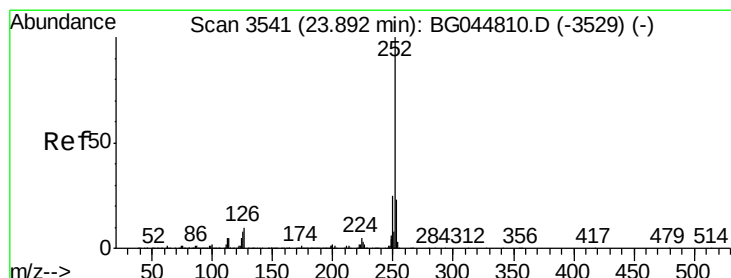
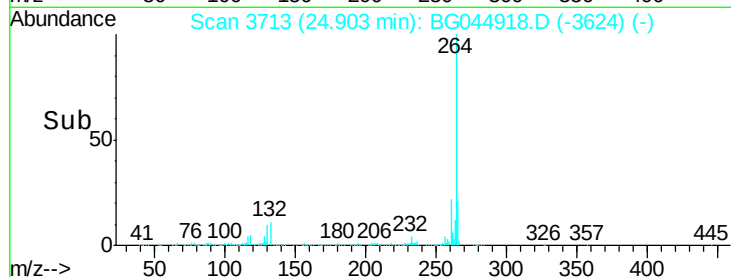
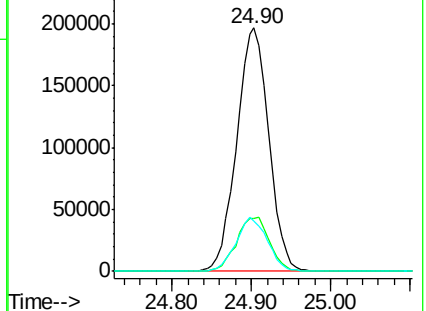
265 20.9 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.81 ng

RT: 23.89 min Scan# 3540

Delta R.T. -0.01 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

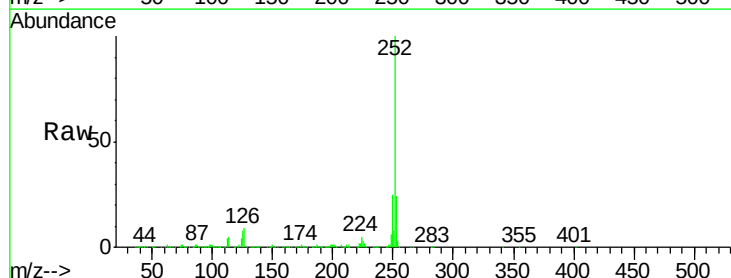
Tgt Ion:252 Resp: 1450145

Ion Ratio Lower Upper

252 100

253 23.9 18.1 27.1

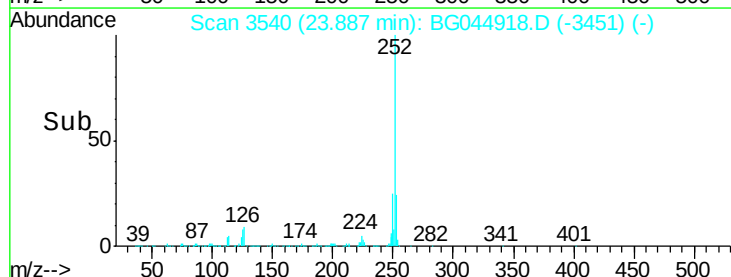
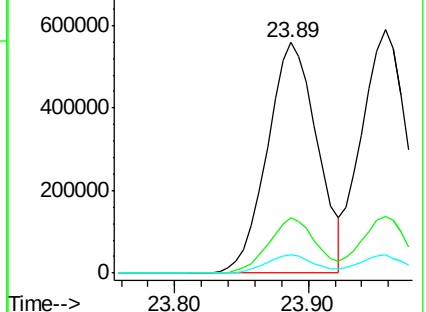
125 7.9 6.6 9.8

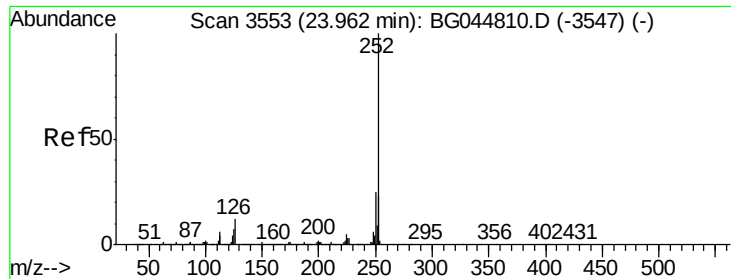


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.00 ng

RT: 23.96 min Scan# 3552

Delta R.T. -0.01 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

Instrument :

BNA_G

ClientSampleId :

PB127702BS

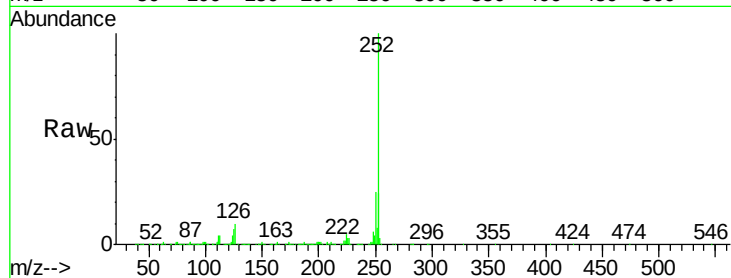
Tgt Ion:252 Resp: 1378694

Ion Ratio Lower Upper

252 100

253 23.5 18.5 27.7

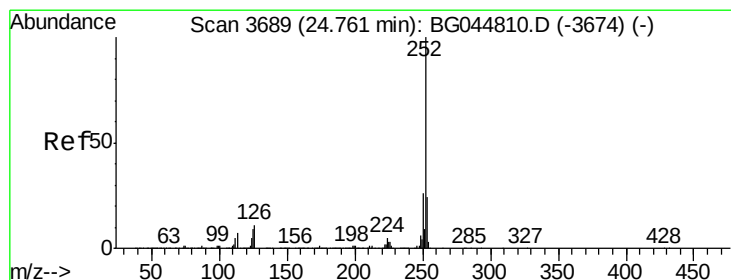
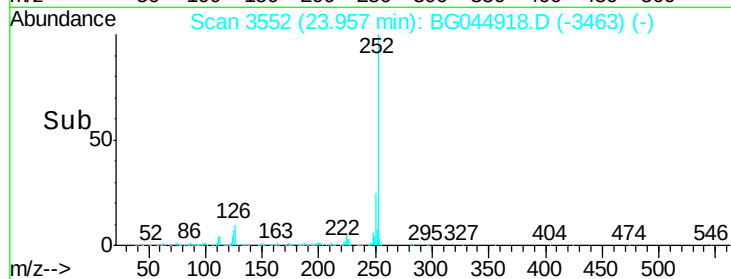
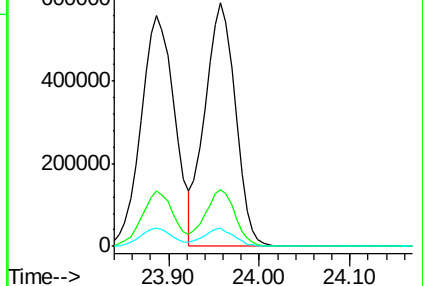
125 7.4 6.2 9.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.09 ng

RT: 24.76 min Scan# 3688

Delta R.T. -0.01 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

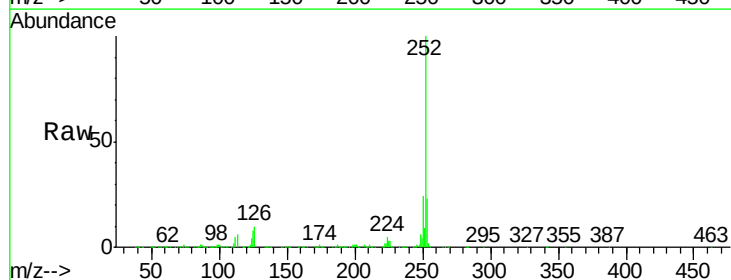
Tgt Ion:252 Resp: 1332362

Ion Ratio Lower Upper

252 100

253 23.4 19.4 29.0

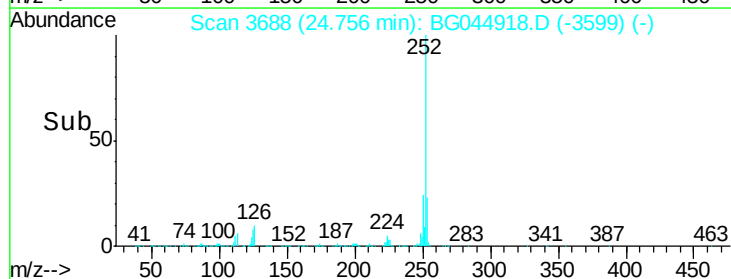
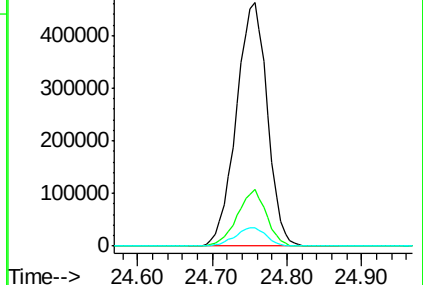
125 7.7 7.2 10.8

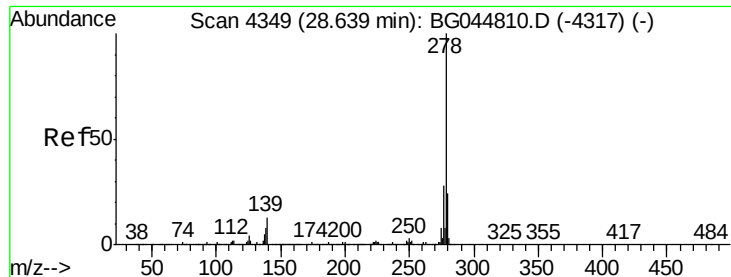


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 40.73 ng

RT: 28.62 min Scan# 4345

Delta R.T. -0.02 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

Instrument :

BNA_G

ClientSampleId :

PB127702BS

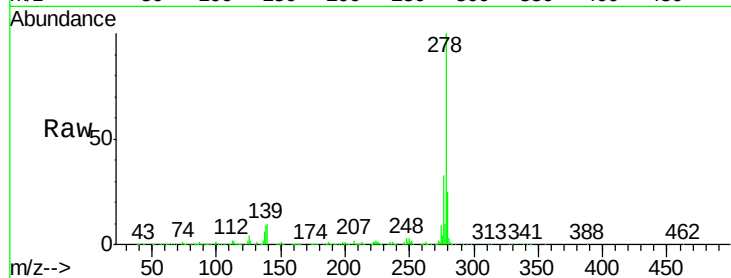
Tgt Ion:278 Resp: 1369610

Ion Ratio Lower Upper

278 100

139 9.5 10.2 15.2#

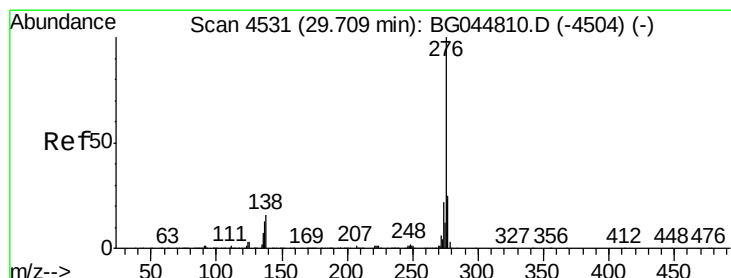
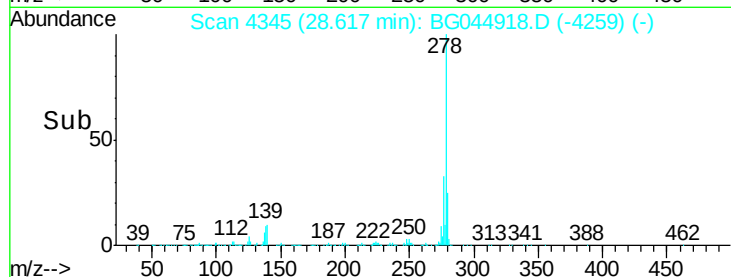
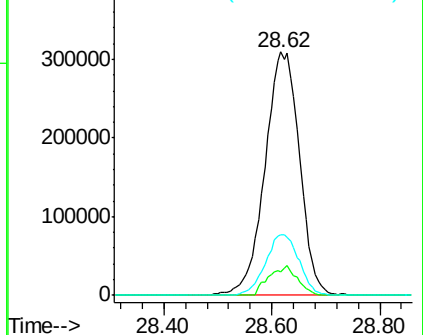
279 25.0 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.87 ng

RT: 29.69 min Scan# 4528

Delta R.T. -0.02 min

Lab File: BG044918.D

Acq: 20 Mar 2020 13:56

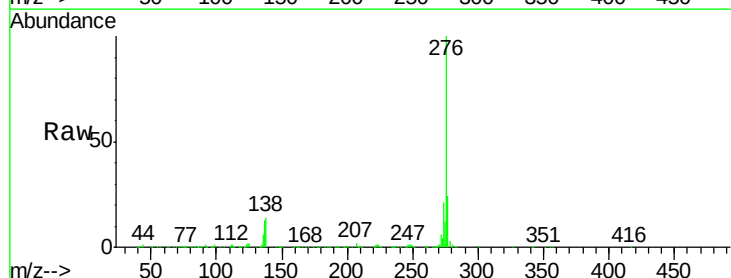
Tgt Ion:276 Resp: 1422292

Ion Ratio Lower Upper

276 100

277 23.6 20.1 30.1

138 14.4 13.0 19.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

