

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041119\
 Data File : BG040446.D
 Acq On : 11 Apr 2019 18:09
 Operator : JU/SJ
 Sample : PB118762BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 12 01:26:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	63086	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	264265	20.00	ng	-0.03
39) Acenaphthene-d10	14.68	164	172912	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	439813	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	463348	20.00	ng	-0.03
87) Perylene-d12	24.97	264	450920	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	523722	138.01	ng	-0.02
7) Phenol-d6	7.20	99	699315	133.34	ng	-0.02
23) Nitrobenzene-d5	9.22	82	432946	87.08	ng	-0.03
42) 2,4,6-Tribromophenol	16.17	330	270384	144.69	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	975425	83.59	ng	-0.03
79) Terphenyl-d14	20.02	244	1667892	80.98	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.49	88	61469	34.448	ng	98
3) Pyridine	3.89	79	143558	29.881	ng	99
4) n-Nitrosodimethylamine	3.81	42	85113	38.298	ng	# 89
6) Aniline	7.37	93	206974	30.376	ng	95
8) 2-Chlorophenol	7.61	128	180716	40.681	ng	97
9) Benzaldehyde	7.19	77	83622	23.245	ng	96
10) Phenol	7.23	94	237498	41.721	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	175394	38.469	ng	99
12) 1,3-Dichlorobenzene	7.93	146	182274	37.746	ng	97
13) 1,4-Dichlorobenzene	8.08	146	184538	38.369	ng	98
14) 1,2-Dichlorobenzene	8.40	146	176740	38.427	ng	97
15) Benzyl Alcohol	8.28	79	159547	37.775	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	338181	38.648	ng	99
17) 2-Methylphenol	8.48	107	162806	41.331	ng	96
18) Hexachloroethane	9.12	117	66653	36.433	ng	99
19) n-Nitroso-di-n-propylamine	8.85	70	135947	36.154	ng	96
20) 3+4-Methylphenols	8.81	107	223605	41.903	ng	98
22) Acetophenone	8.87	105	272050	41.269	ng	100
24) Nitrobenzene	9.27	77	208297	40.459	ng	98
25) Isophorone	9.78	82	406590	39.746	ng	98
26) 2-Nitrophenol	9.97	139	99205	40.666	ng	95
27) 2,4-Dimethylphenol	10.02	122	178481	46.060	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	239794	39.621	ng	98
29) 2,4-Dichlorophenol	10.51	162	183560	43.642	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	188122	40.733	ng	100
31) Naphthalene	10.91	128	555378	41.001	ng	99
32) Benzoic acid	10.17	122	70479	30.103	ng	92
33) 4-Chloroaniline	11.02	127	150361	26.024	ng	95
34) Hexachlorobutadiene	11.17	225	113764	38.516	ng	96
35) Caprolactam	11.82	113	46425	27.814	ng	94
36) 4-Chloro-3-methylphenol	12.13	107	215839	44.638	ng	99
37) 2-Methylnaphthalene	12.51	142	421589	42.083	ng	98
38) 1-Methylnaphthalene	12.73	142	405134	41.704	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	213955	38.931	ng	99

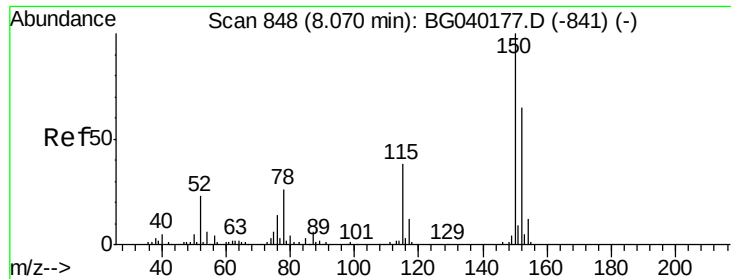
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041119\
 Data File : BG040446.D
 Acq On : 11 Apr 2019 18:09
 Operator : JU/SJ
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Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	229628	76.097	ng	95
43) 2,4,6-Trichlorophenol	13.11	196	149660	42.238	ng	99
44) 2,4,5-Trichlorophenol	13.19	196	162030	41.954	ng	98
46) 1,1'-Biphenyl	13.51	154	548679	40.160	ng	98
47) 2-Chloronaphthalene	13.56	162	424795	40.534	ng	99
48) 2-Nitroaniline	13.77	65	151499	42.858	ng	95
49) Acenaphthylene	14.40	152	707158	39.799	ng	97
50) Dimethylphthalate	14.13	163	557778	41.217	ng	99
51) 2,6-Dinitrotoluene	14.26	165	127993	42.122	ng	99
52) Acenaphthene	14.74	154	411956	40.461	ng	98
53) 3-Nitroaniline	14.60	138	106081	32.981	ng	99
54) 2,4-Dinitrophenol	14.80	184	127841	79.110	ng	96
55) Dibenzofuran	15.08	168	680916	41.620	ng	99
56) 4-Nitrophenol	14.90	139	218470	84.158	ng	97
57) 2,4-Dinitrotoluene	15.05	165	190297	45.071	ng	98
58) Fluorene	15.72	166	531290	41.305	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	156662	44.701	ng	98
60) Diethylphthalate	15.48	149	592292	42.771	ng	98
61) 4-Chlorophenyl-phenylether	15.71	204	283942	41.298	ng	95
62) 4-Nitroaniline	15.76	138	149560	43.328	ng	100
63) Azobenzene	16.00	77	545688	41.776	ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	101792	41.196	ng	99
66) n-Nitrosodiphenylamine	15.93	169	513763	39.919	ng	97
67) 4-Bromophenyl-phenylether	16.60	248	193058	39.006	ng	97
68) Hexachlorobenzene	16.72	284	197479	39.683	ng	95
69) Atrazine	16.87	200	191027	39.900	ng	97
70) Pentachlorophenol	17.07	266	216106	75.113	ng	95
71) Phenanthrene	17.47	178	942679	40.778	ng	100
72) Anthracene	17.56	178	963206	41.628	ng	99
73) Carbazole	17.83	167	929246	42.435	ng	100
74) Di-n-butylphthalate	18.36	149	1113283	42.890	ng	99
75) Fluoranthene	19.47	202	1200346	43.850	ng	99
77) Benzidine	19.65	184	422975	25.279	ng	98
78) Pyrene	19.84	202	1182765	38.817	ng	98
80) Butylbenzylphthalate	20.70	149	541294	41.515	ng	98
81) Benzo(a)anthracene	21.68	228	1100966	38.577	ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	319028	29.386	ng	98
83) Chrysene	21.75	228	1092557	39.833	ng	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	769136	41.266	ng	98
85) Di-n-octyl phthalate	22.76	149	1315094	41.413	ng	100
86) Indeno(1,2,3-cd)pyrene	28.74	276	1351279	40.280	ng	99
88) Benzo(b)fluoranthene	23.93	252	1207639	43.744	ng	98
89) Benzo(k)fluoranthene	24.00	252	1133352	44.642	ng	98
90) Benzo(a)pyrene	24.82	252	1168058	45.094	ng	97
91) Dibenzo(a,h)anthracene	28.80	278	1096867	45.594	ng	99
92) Benzo(g,h,i)perylene	29.93	276	1132935	45.824	ng	99

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

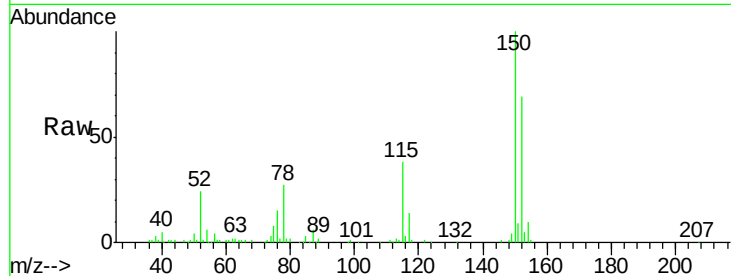


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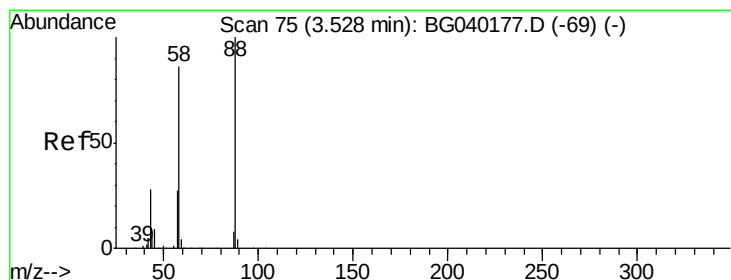
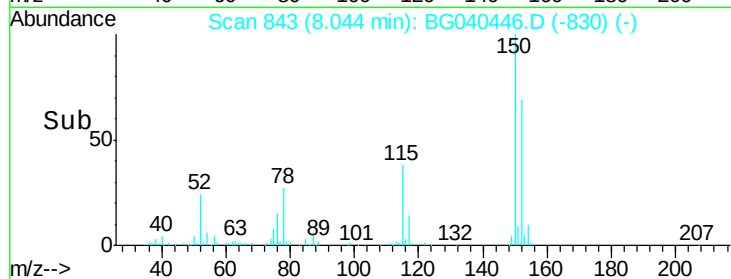
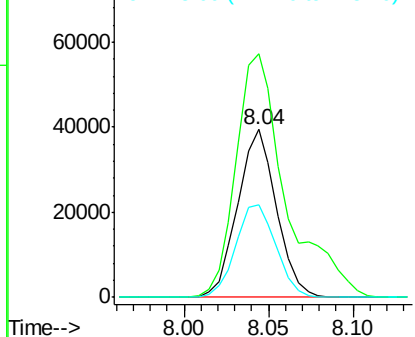
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040446.D
Acq: 11 Apr 2019 18:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 63086
Ion Ratio Lower Upper
152 100
150 144.9 123.7 185.5
115 54.8 46.9 70.3



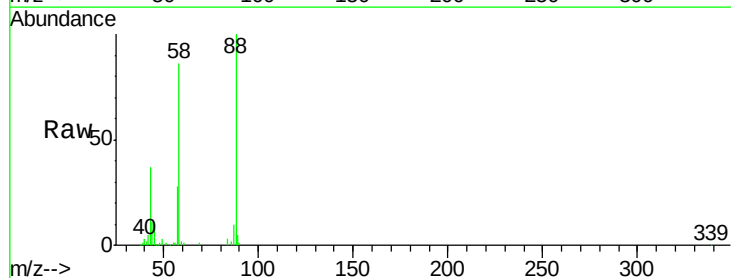
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



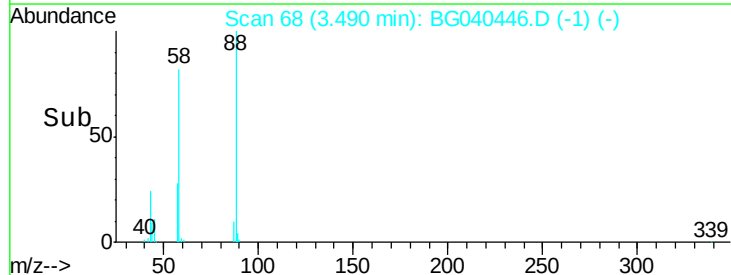
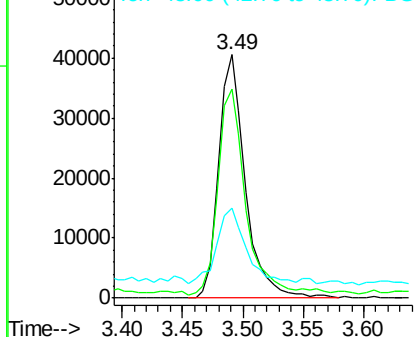
#2

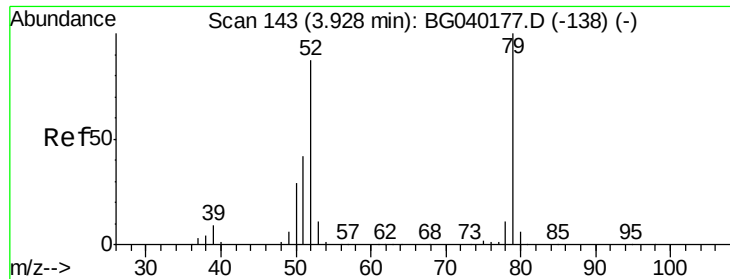
1,4-Dioxane
Concen: 34.448 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.04 min
Lab File: BG040446.D
Acq: 11 Apr 2019 18:09

Tgt Ion: 88 Resp: 61469
Ion Ratio Lower Upper
88 100
58 87.0 70.6 106.0
43 33.0 24.8 37.2



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 29.881 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.04 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

Instrument :

BNA_G

ClientSampleId :

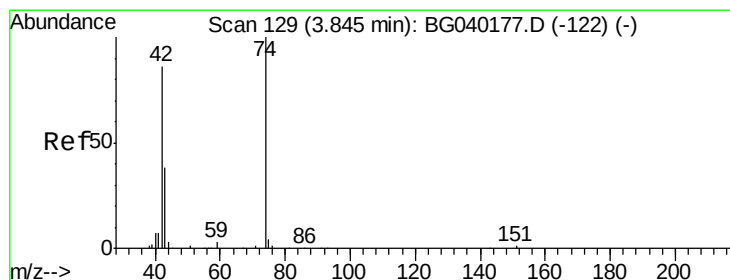
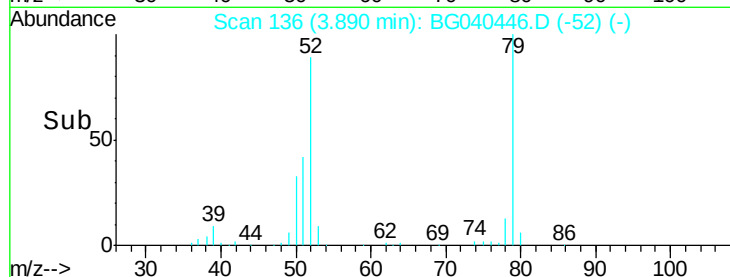
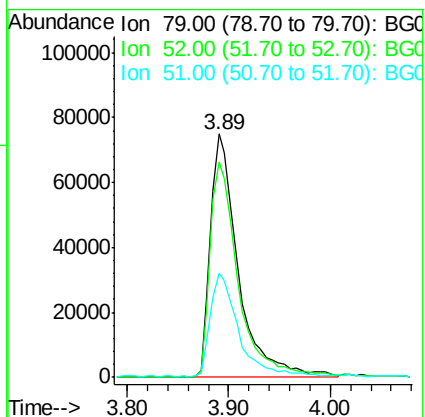
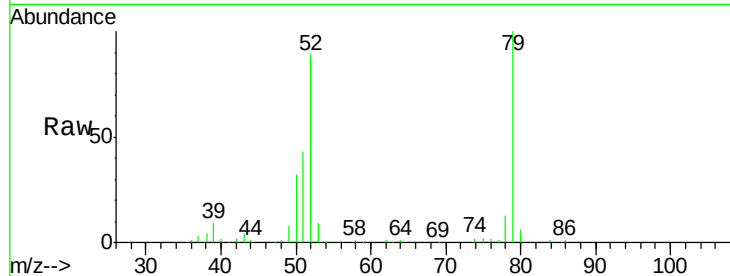
Tot Ion: 79 Resp: 143558

Ion Ratio Lower Upper

79 100

52 88.5 69.8 104.8

51 42.6 33.9 50.9



#4

n-Nitrosodimethylamine

Concen: 38.298 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.03 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

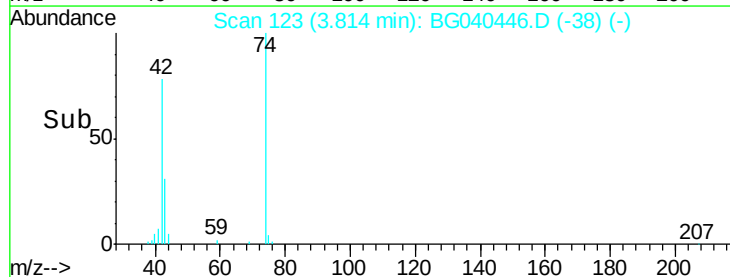
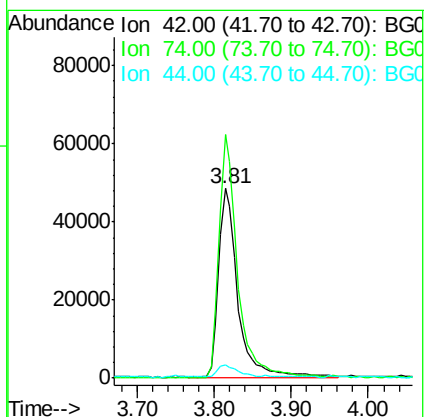
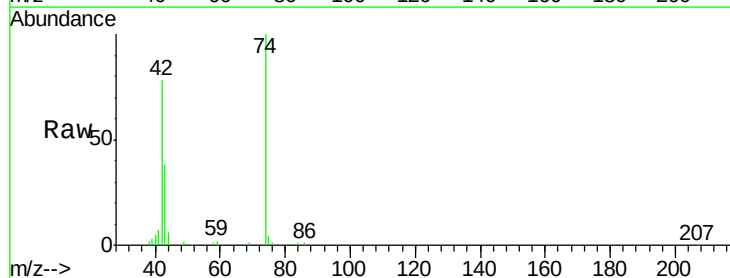
Tgt Ion: 42 Resp: 85113

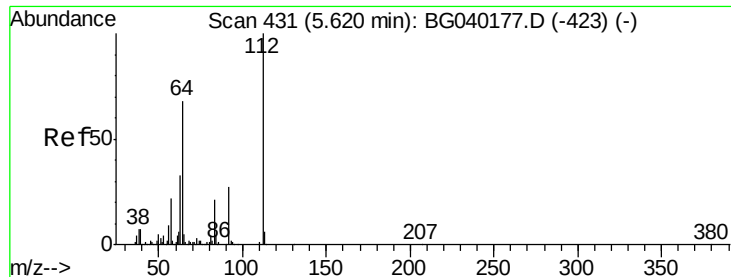
Ion Ratio Lower Upper

42 100

74 128.4 92.9 139.3

44 7.2 9.7 14.5#





#5

2-Fluorophenol

Concen: 138.009 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.02 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

Instrument :

BNA_G

ClientSampleId :

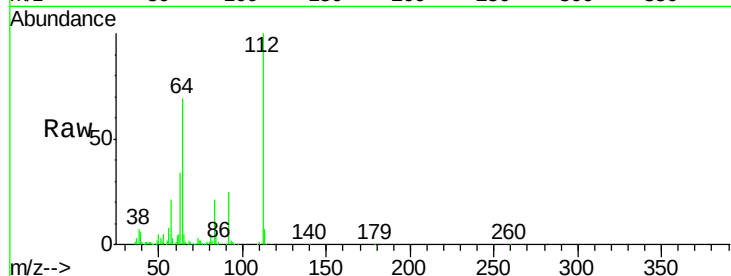
Tot Ion:112 Resp: 523722

Ion Ratio Lower Upper

112 100

64 68.6 54.2 81.2

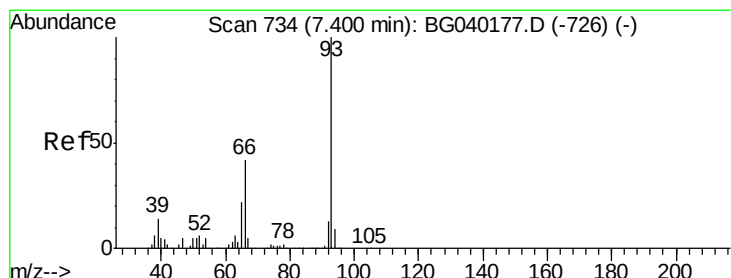
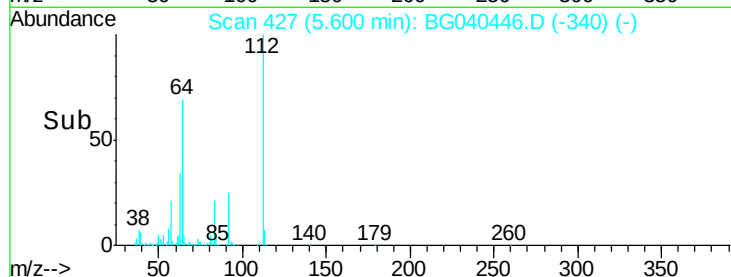
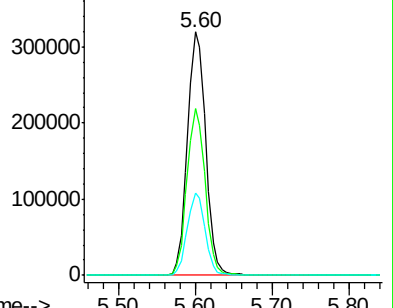
63 34.0 26.4 39.6



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



#6

Aniline

Concen: 30.376 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.03 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

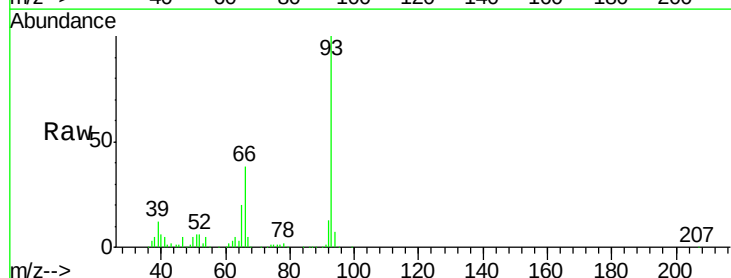
Tgt Ion: 93 Resp: 206974

Ion Ratio Lower Upper

93 100

66 38.3 33.6 50.4

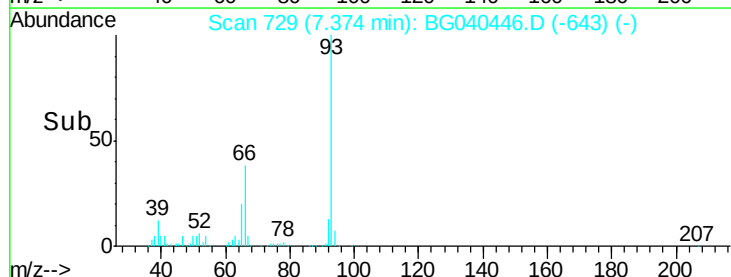
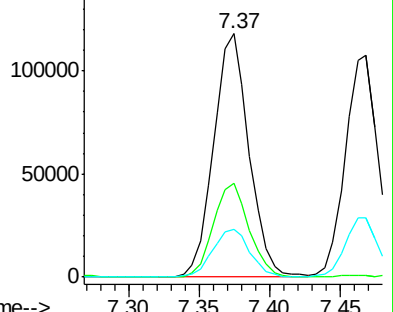
65 19.8 17.4 26.2

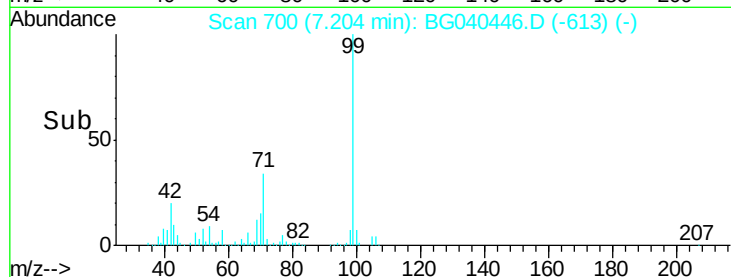
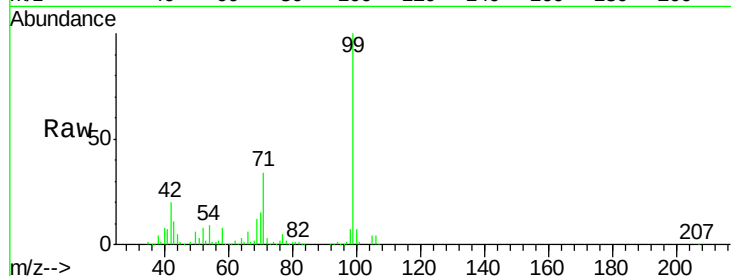
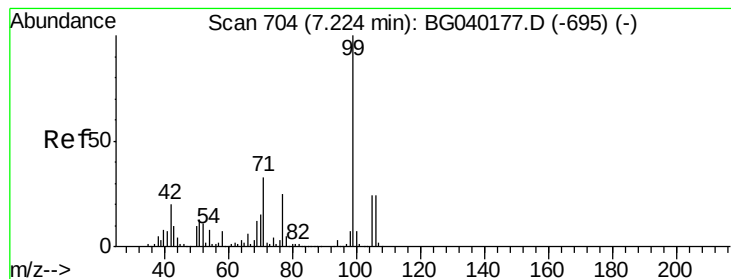


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 133.342 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

Instrument :

BNA_G

ClientSampleId :

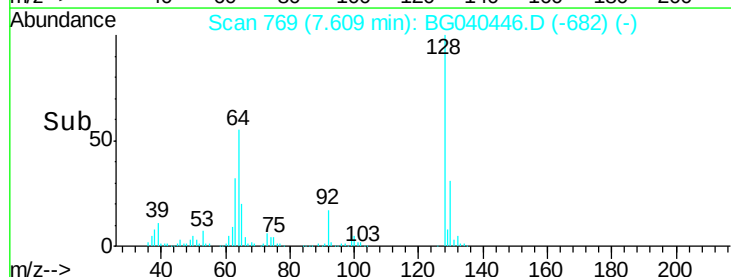
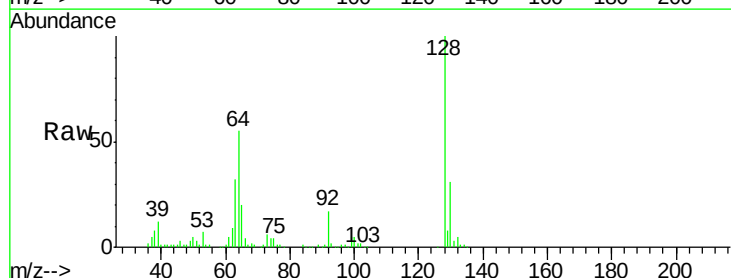
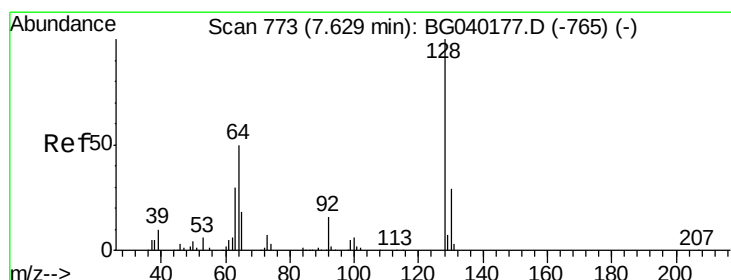
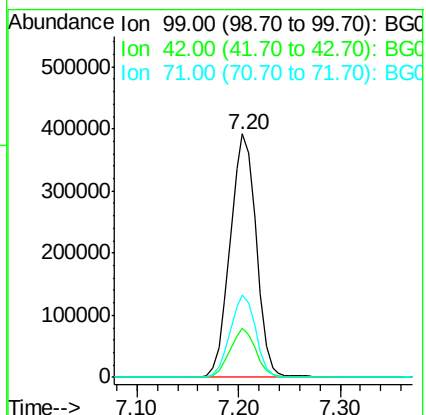
Tot Ion: 99 Resp: 699315

Ion Ratio Lower Upper

99 100

42 20.2 16.2 24.2

71 34.1 26.8 40.2



#8

2-Chlorophenol

Concen: 40.681 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

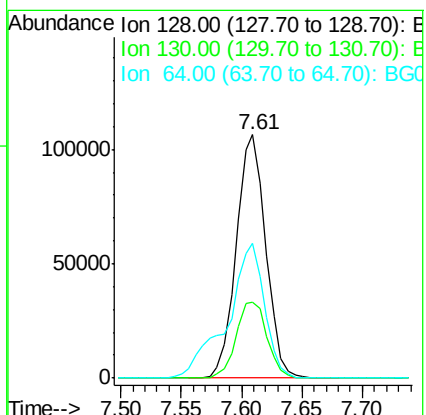
Tgt Ion: 128 Resp: 180716

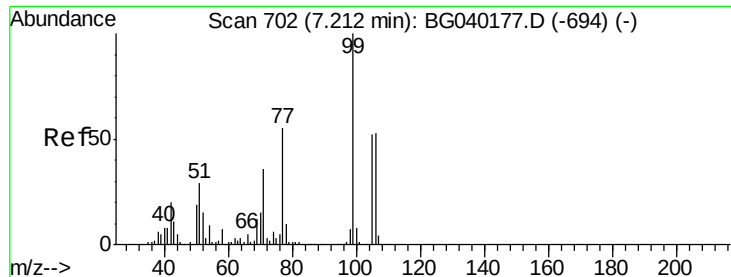
Ion Ratio Lower Upper

128 100

130 31.3 9.1 49.1

64 55.3 33.1 73.1





#9

Benzaldehyde

Concen: 23.245 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.03 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

Instrument :

BNA_G

ClientSampled :

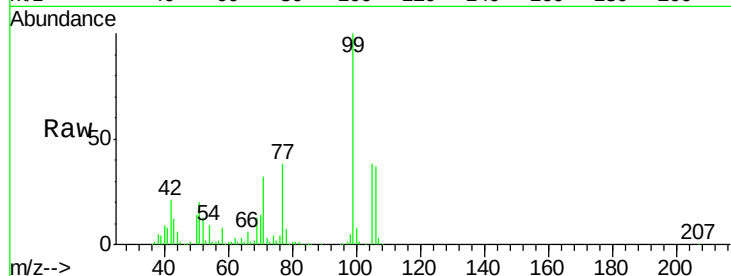
Tot Ion: 77 Resp: 83622

Ion Ratio Lower Upper

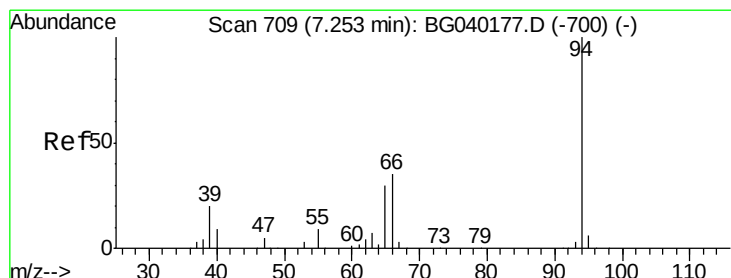
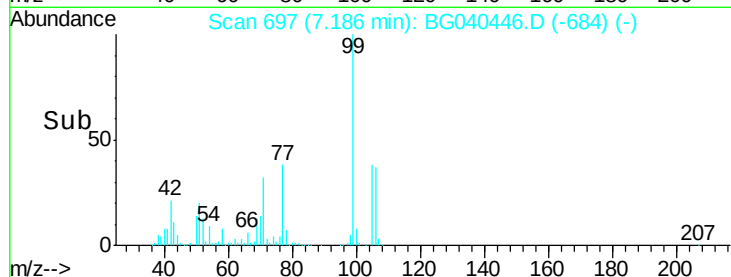
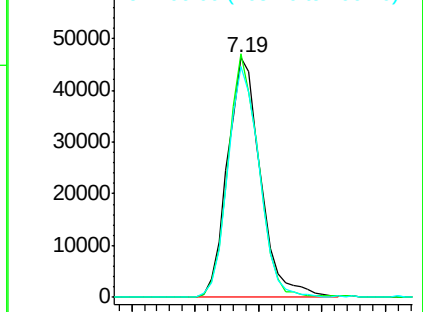
77 100

105 101.7 75.0 115.0

106 96.6 75.7 115.7



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: 41.721 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.02 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

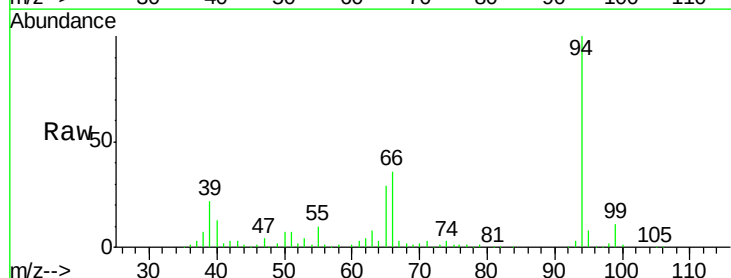
Tgt Ion: 94 Resp: 237498

Ion Ratio Lower Upper

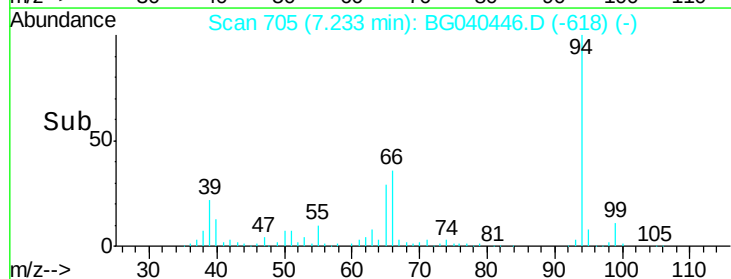
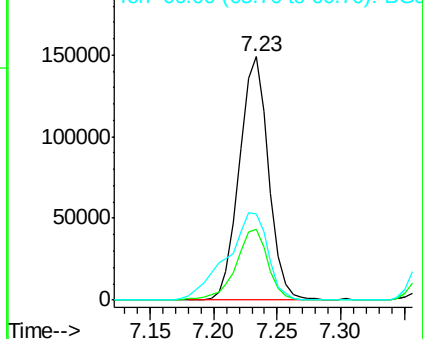
94 100

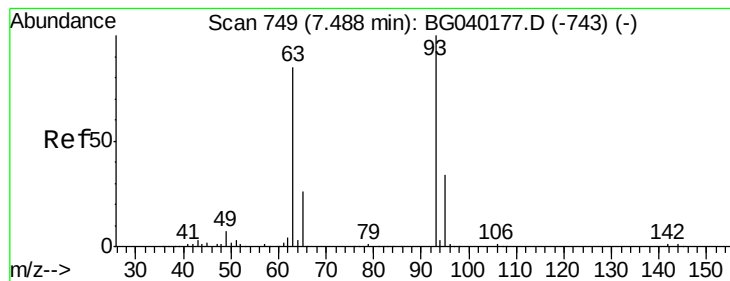
65 28.8 10.5 50.5

66 35.5 16.9 56.9



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: 38.469 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

Instrument :

BNA_G

ClientSampleId :

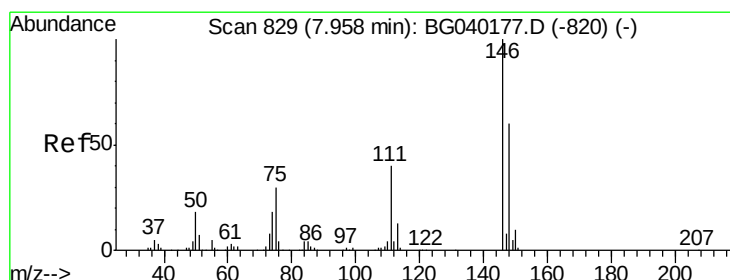
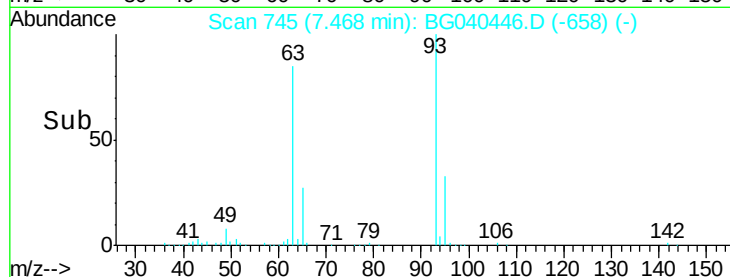
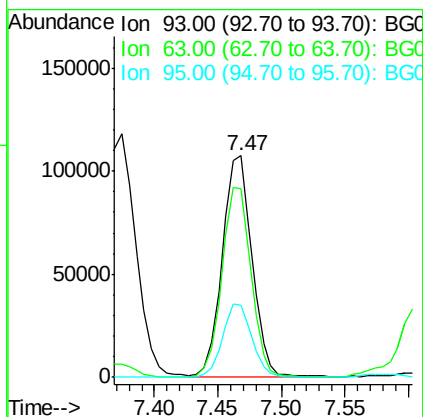
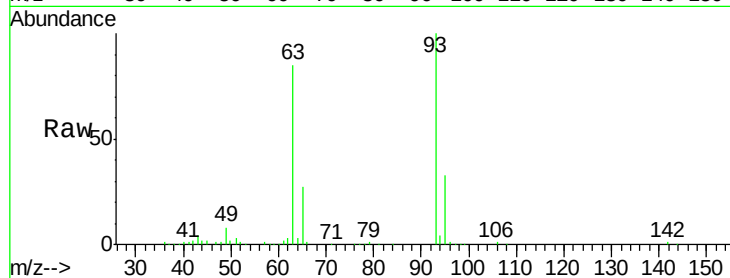
Tot Ion: 93 Resp: 175394

Ion Ratio Lower Upper

93 100

63 85.1 64.2 104.2

95 32.6 14.0 54.0



#12

1,3-Dichlorobenzene

Concen: 37.746 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.03 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

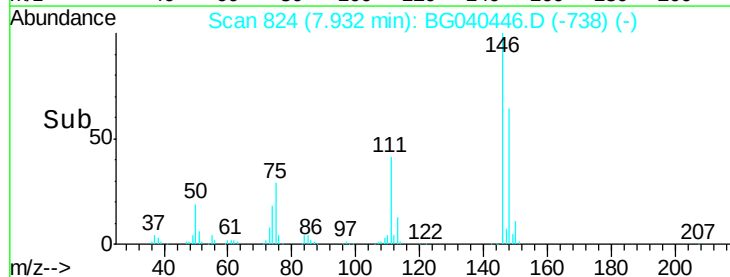
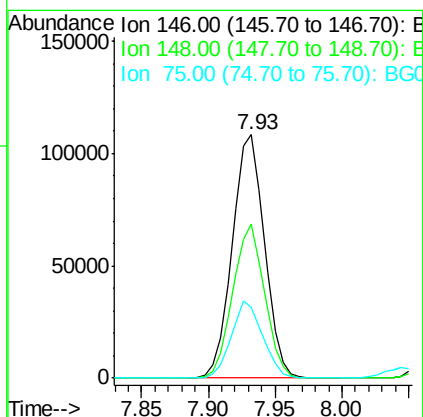
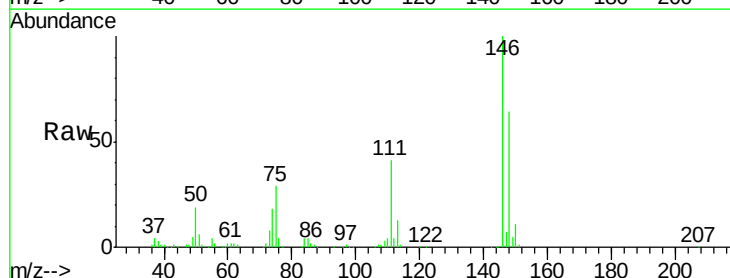
Tgt Ion: 146 Resp: 182274

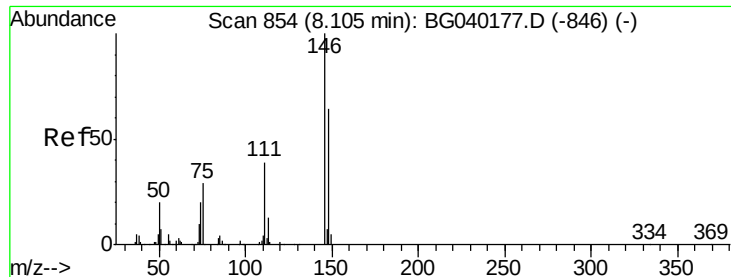
Ion Ratio Lower Upper

146 100

148 63.5 48.2 72.2

75 29.2 24.1 36.1

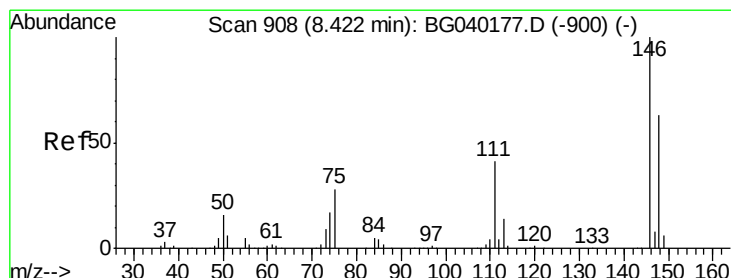
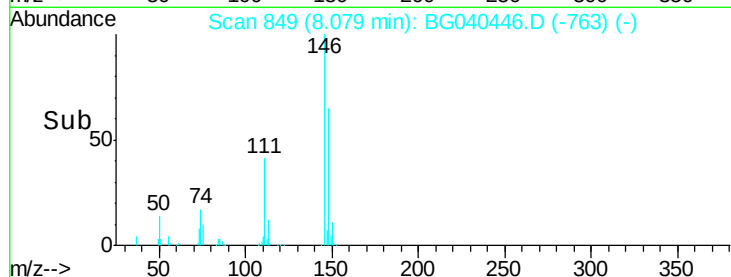
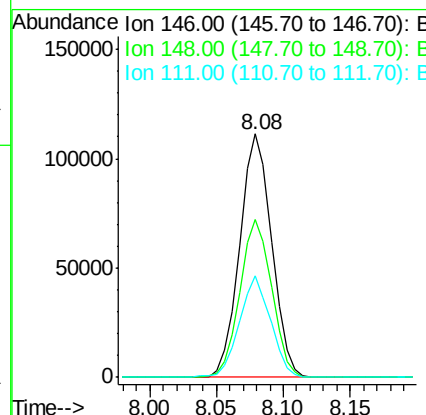
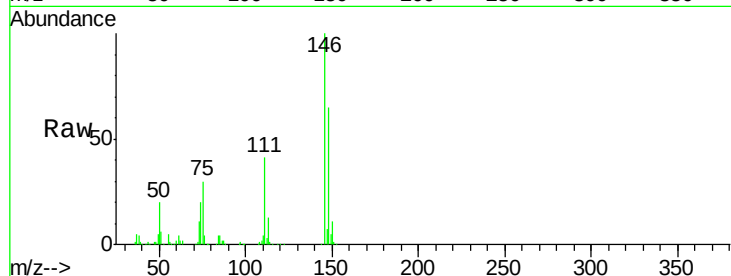




#13
 1,4-Dichlorobenzene
 Concen: 38.369 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.03 min
 Lab File: BG040446.D
 Acq: 11 Apr 2019 18:09

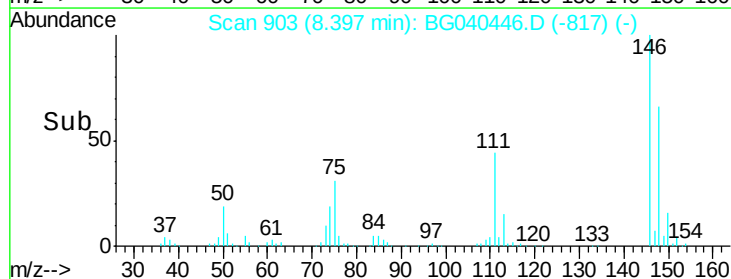
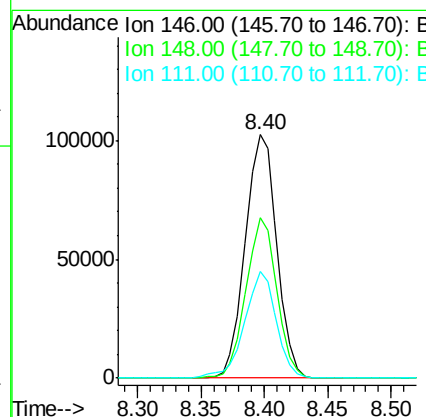
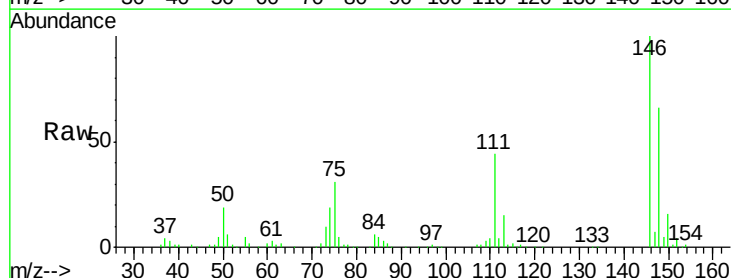
Instrument :
 BNA_G
 ClientSampled :

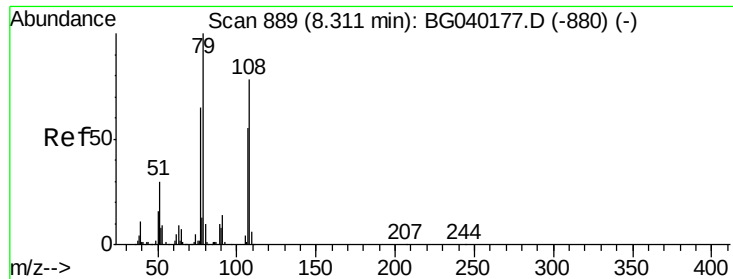
Tot Ion:146 Resp: 184538
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.0 76.4
 111 41.5 31.8 47.6



#14
 1,2-Dichlorobenzene
 Concen: 38.427 ng
 RT: 8.40 min Scan# 903
 Delta R.T. -0.03 min
 Lab File: BG040446.D
 Acq: 11 Apr 2019 18:09

Tgt Ion:146 Resp: 176740
 Ion Ratio Lower Upper
 146 100
 148 65.7 50.8 76.2
 111 44.1 33.4 50.0

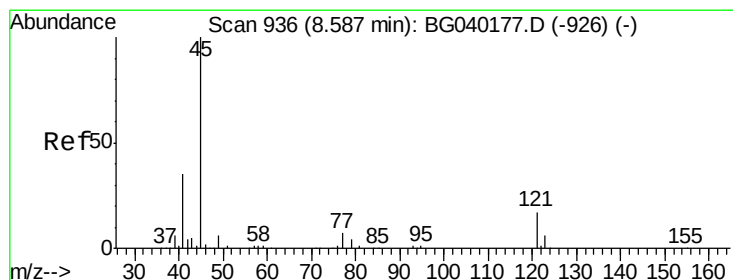
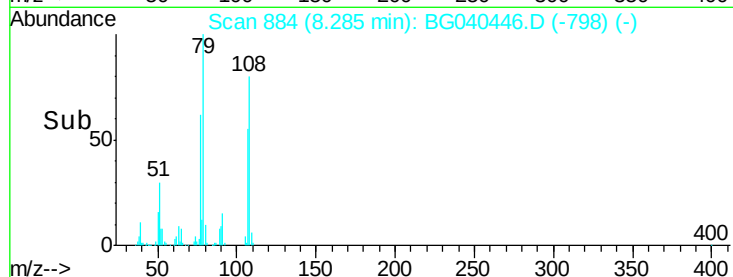
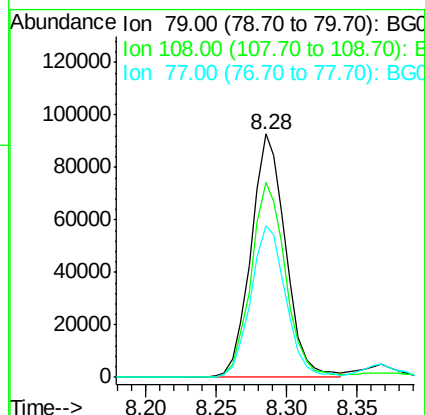
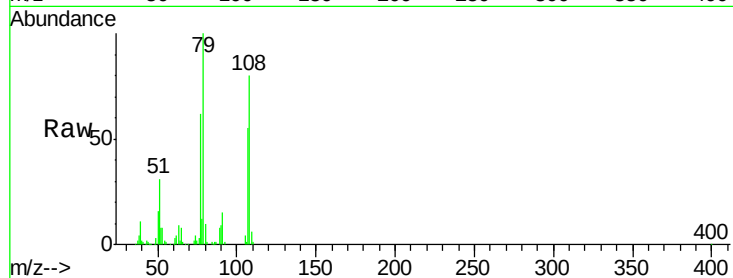




#15
Benzyl Alcohol
Concen: 37.775 ng
RT: 8.28 min Scan# 884
Delta R.T. -0.03 min
Lab File: BG040446.D
Acq: 11 Apr 2019 18:09

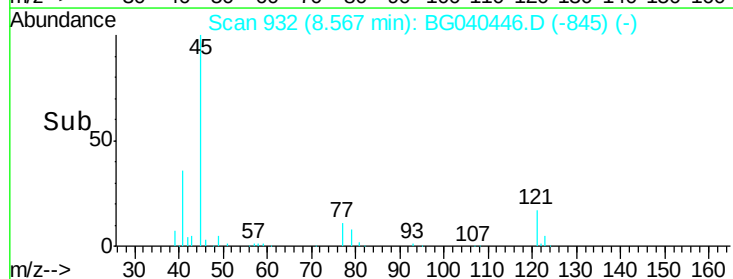
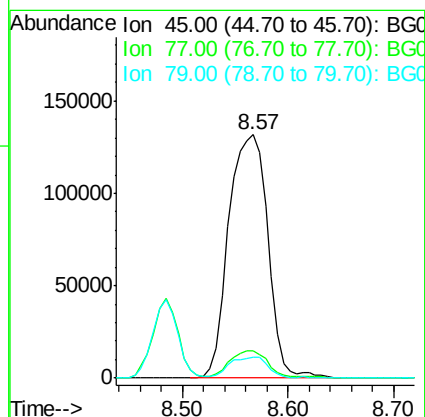
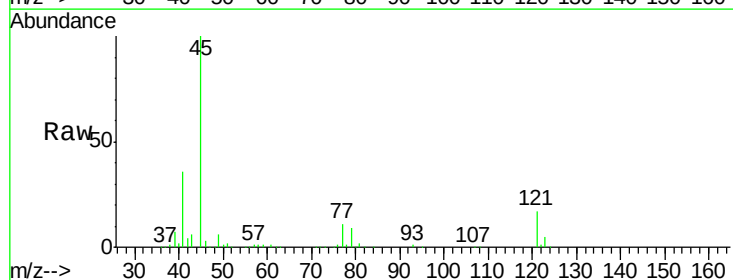
Instrument :
BNA_G
ClientSampleId :

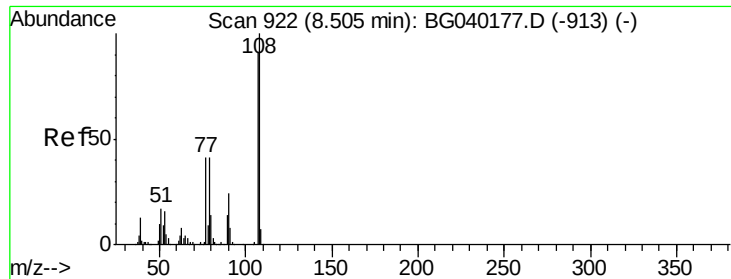
Tot Ion: 79 Resp: 159547
Ion Ratio Lower Upper
79 100
108 80.2 62.1 93.1
77 62.4 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.648 ng
RT: 8.57 min Scan# 932
Delta R.T. -0.02 min
Lab File: BG040446.D
Acq: 11 Apr 2019 18:09

Tgt Ion: 45 Resp: 338181
Ion Ratio Lower Upper
45 100
77 11.2 0.0 31.4
79 8.8 0.0 28.3





#17

2-Methylphenol

Concen: 41.331 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.02 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 162806

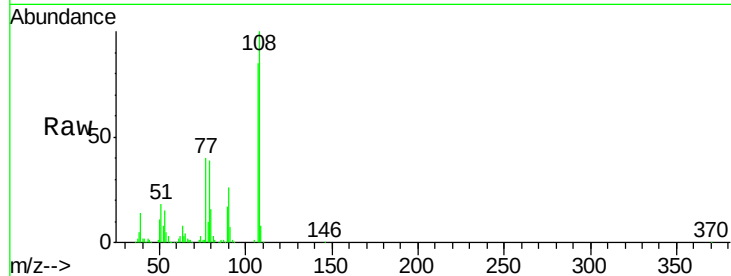
Ion Ratio Lower Upper

107 100

108 117.1 88.2 132.4

77 46.6 36.6 55.0

79 45.7 36.5 54.7

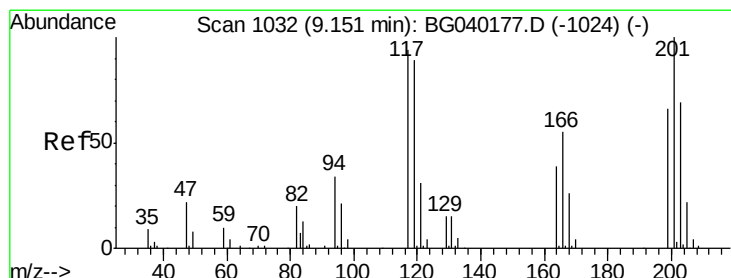
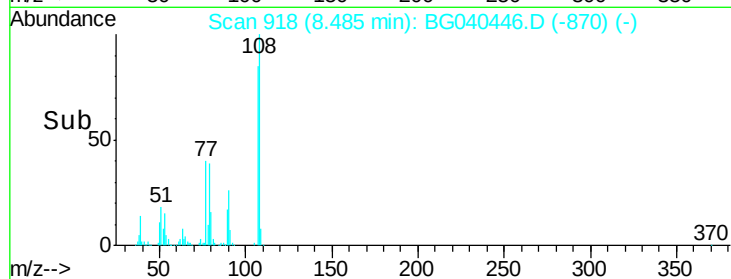
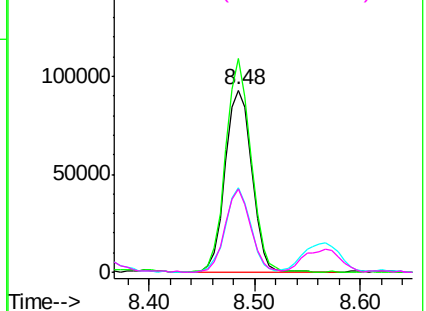


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.433 ng

RT: 9.12 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

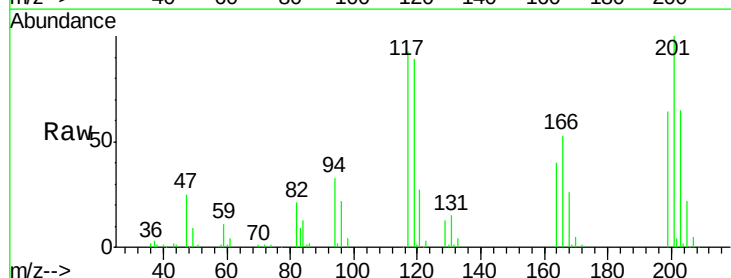
Tgt Ion:117 Resp: 66653

Ion Ratio Lower Upper

117 100

119 95.9 76.6 115.0

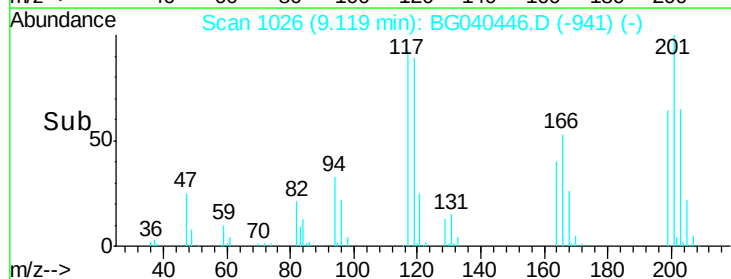
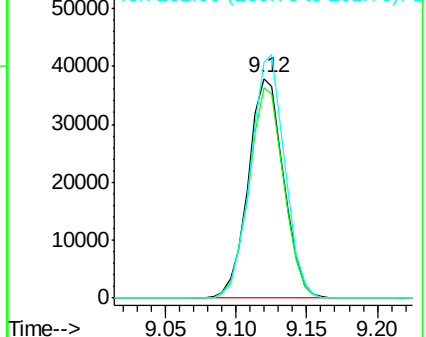
201 107.8 85.0 127.4

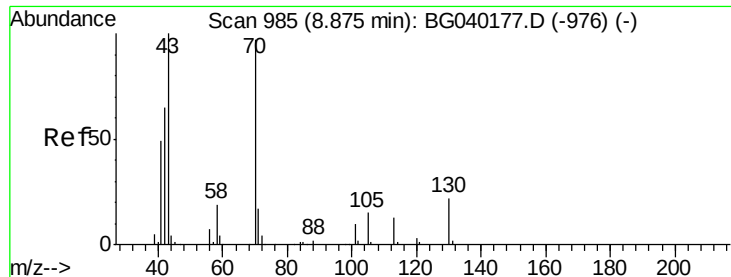


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

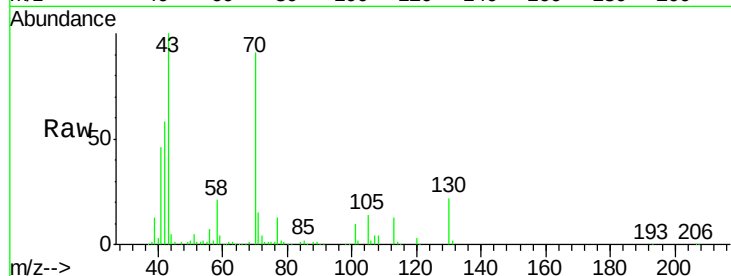




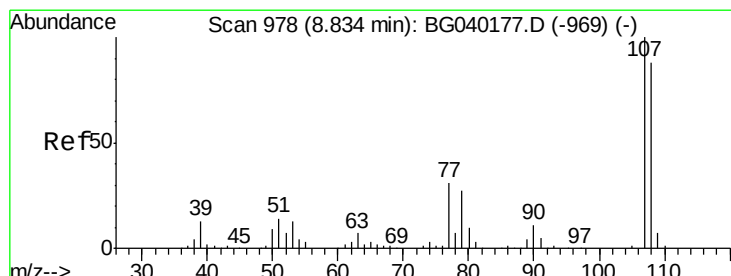
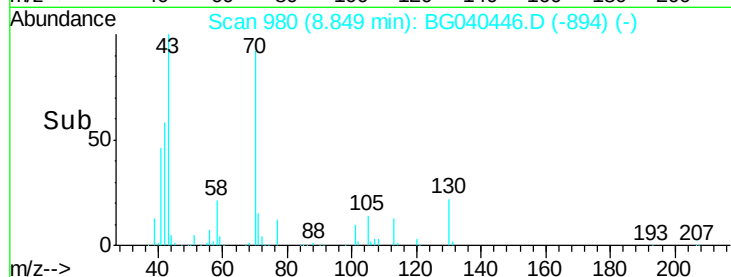
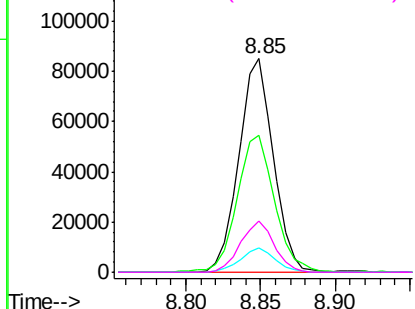
#19
n-Nitroso-di-n-propylamine
Concen: 36.154 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.03 min
Lab File: BG040446.D
Acq: 11 Apr 2019 18:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	135947
Ion	Ratio	Lower	Upper
70	100		
42	64.0	54.0	81.0
101	11.4	8.6	13.0
130	24.2	18.2	27.2

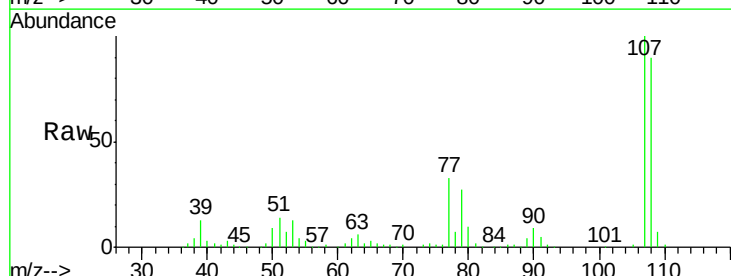


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

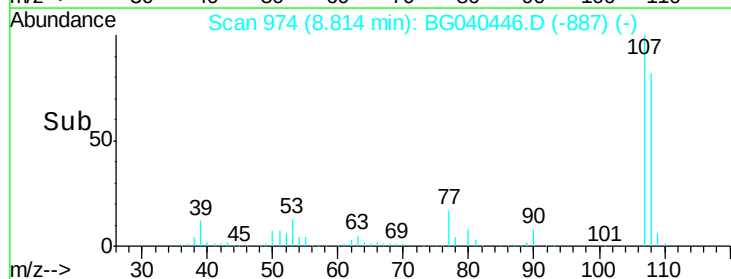
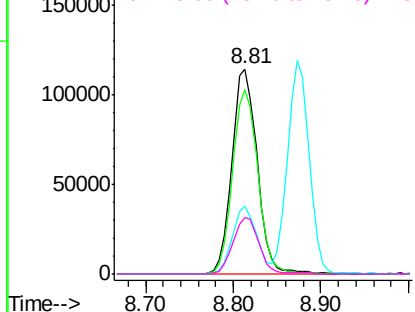


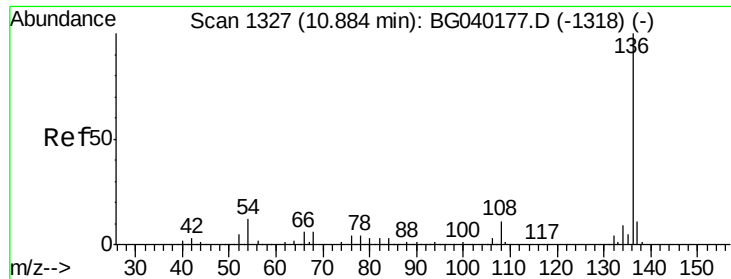
#20
3+4-Methylphenols
Concen: 41.903 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.02 min
Lab File: BG040446.D
Acq: 11 Apr 2019 18:09

Tgt Ion:	107	Resp:	223605
Ion	Ratio	Lower	Upper
107	100		
108	89.7	68.3	108.3
77	32.9	11.3	51.3
79	27.4	7.3	47.3



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1322

Delta R.T. -0.03 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 264265

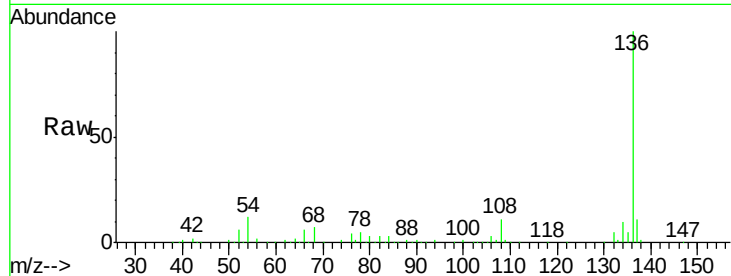
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 11.7 9.6 14.4

68 7.2 5.1 7.7

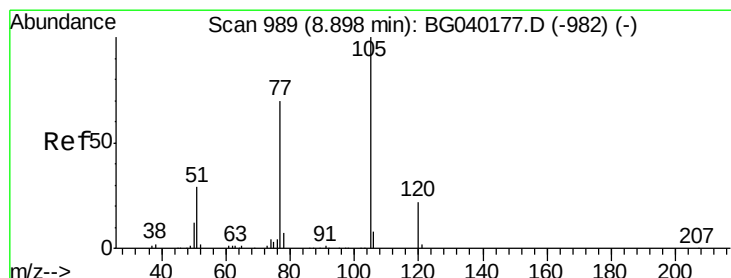
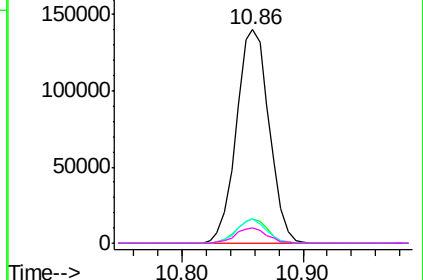
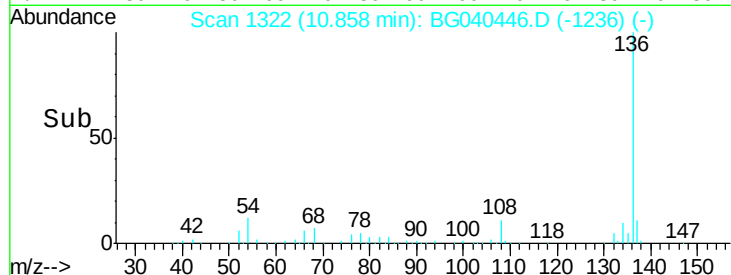


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 41.269 ng

RT: 8.87 min Scan# 984

Delta R.T. -0.03 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

Tgt Ion:105 Resp: 272050

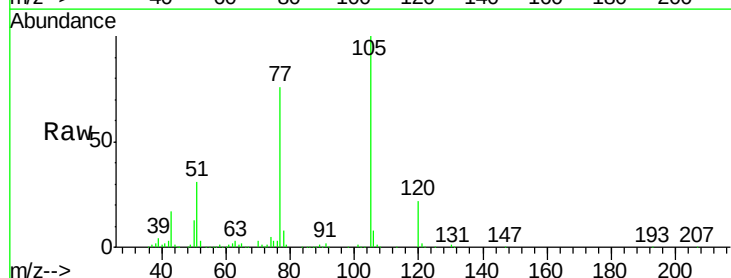
Ion Ratio Lower Upper

105 100

71 0.7 0.6 1.0

51 31.2 25.1 37.7

120 22.2 17.6 26.4

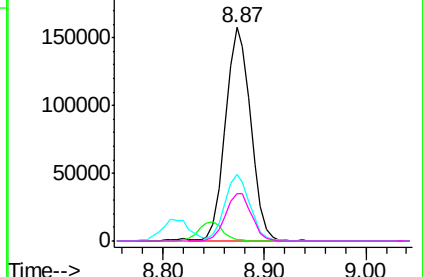
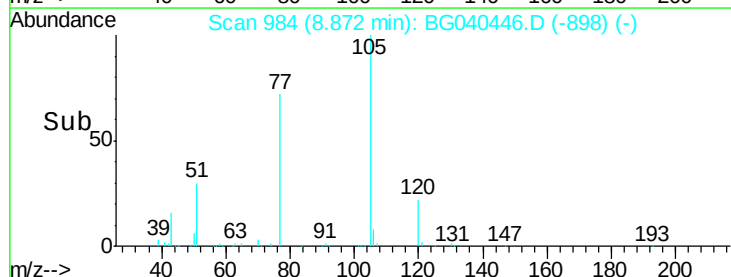


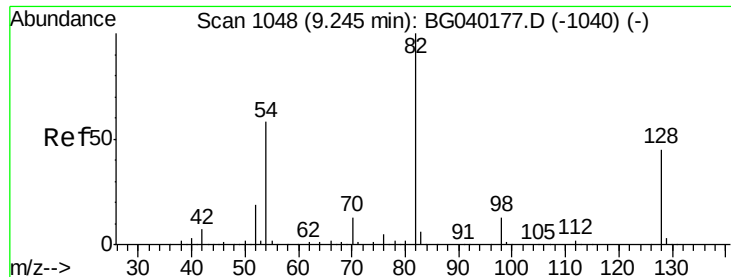
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

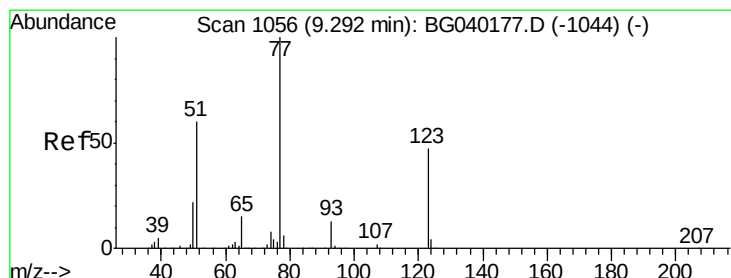
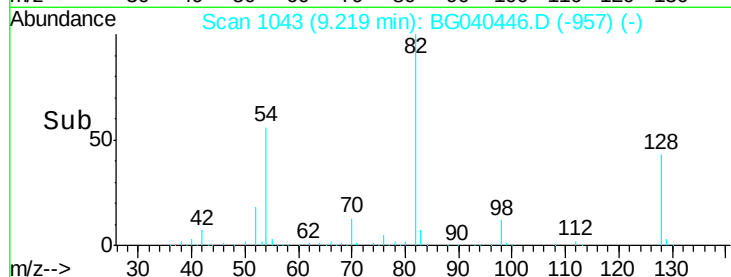
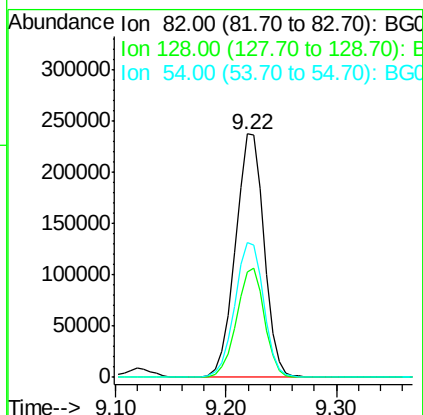
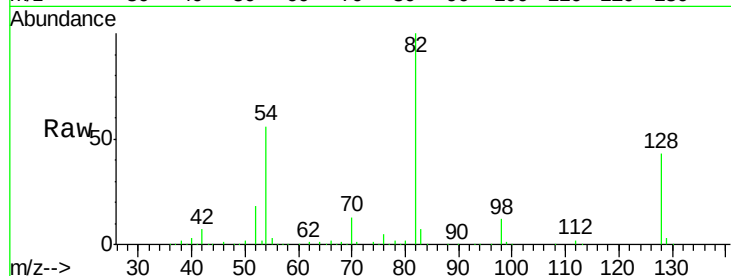




#23
 Nitrobenzene-d5
 Concen: 87.081 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BG040446.D
 Acq: 11 Apr 2019 18:09

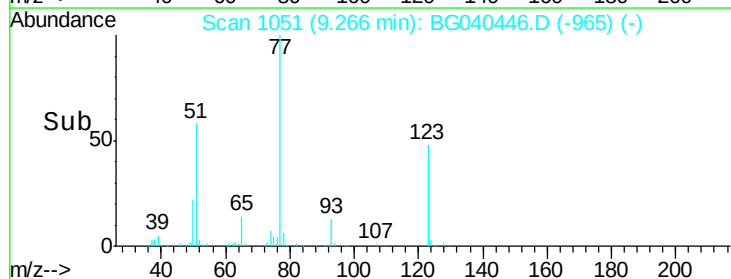
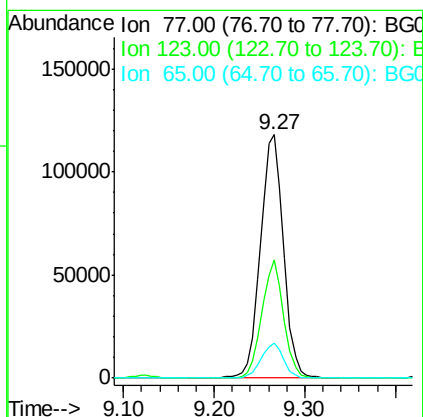
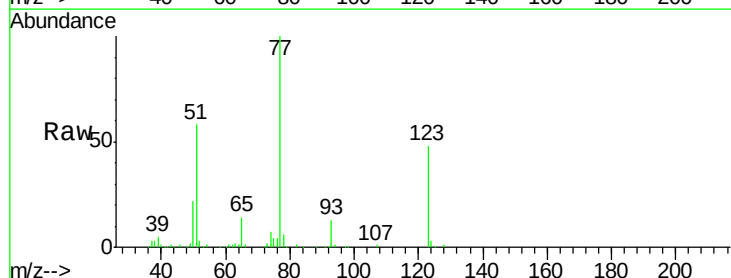
Instrument :
 BNA_G
 ClientSampleID :

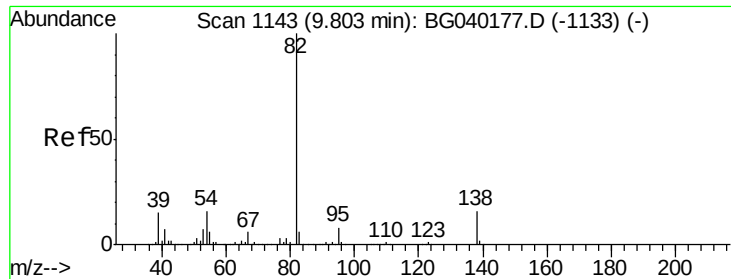
Tot Ion	82	Resp	432946
Ion Ratio	100	Lower	Upper
128	43.2	35.8	53.8
54	55.5	46.2	69.2



#24
 Nitrobenzene
 Concen: 40.459 ng
 RT: 9.27 min Scan# 1051
 Delta R.T. -0.03 min
 Lab File: BG040446.D
 Acq: 11 Apr 2019 18:09

Tgt Ion	77	Resp	208297
Ion Ratio	100	Lower	Upper
123	48.4	37.8	56.6
65	14.5	12.0	18.0





#25

Isophorone

Concen: 39.746 ng

RT: 9.78 min Scan# 1138

Delta R.T. -0.03 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

Instrument :

BNA_G

ClientSampleId :

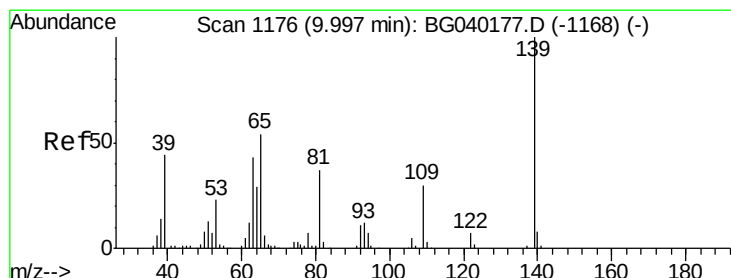
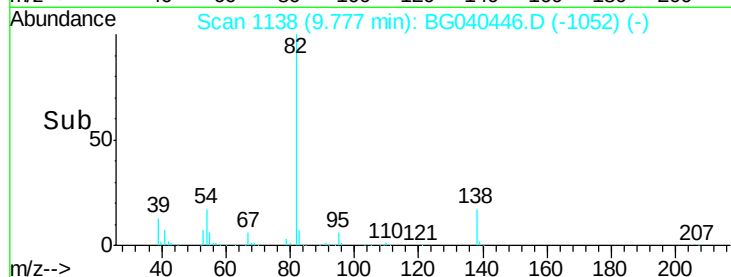
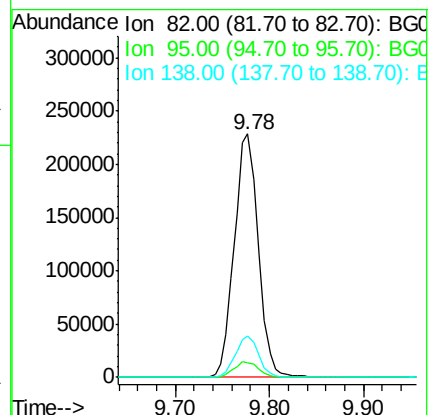
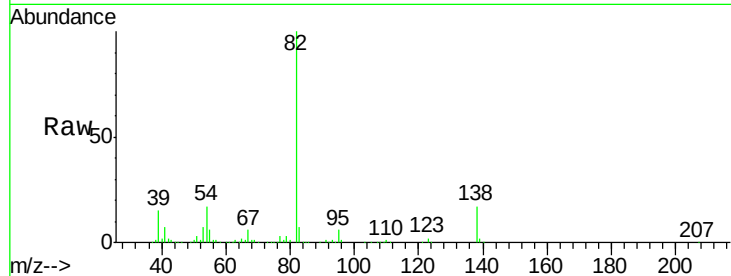
Tot Ion: 82 Resp: 406590

Ion Ratio Lower Upper

82 100

95 6.1 6.1 9.1

138 17.1 13.2 19.8



#26

2-Nitrophenol

Concen: 40.666 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.03 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

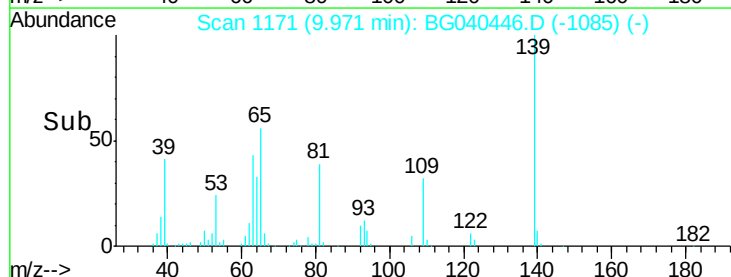
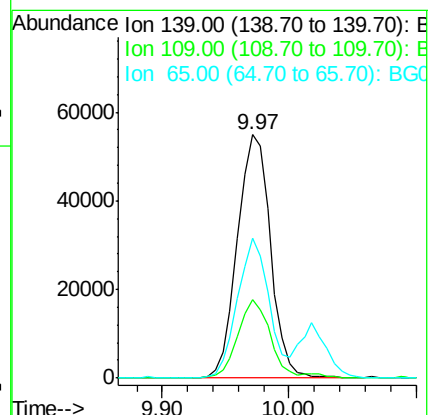
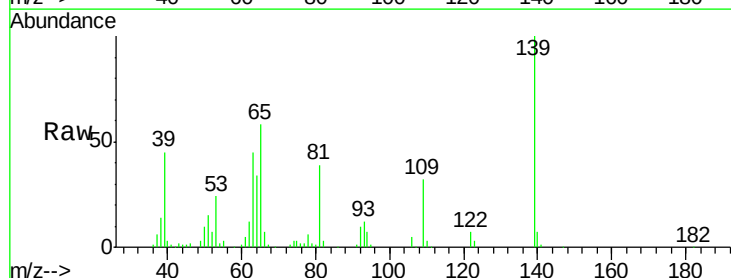
Tgt Ion: 139 Resp: 99205

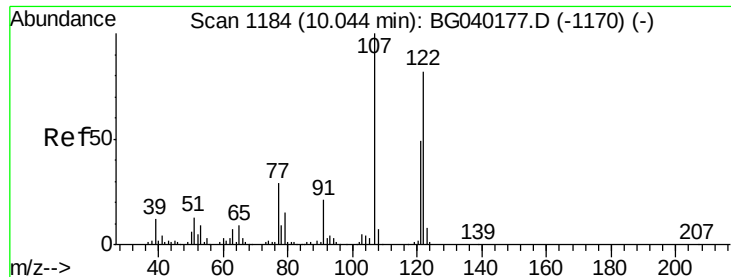
Ion Ratio Lower Upper

139 100

109 32.4 24.1 36.1

65 57.7 43.0 64.6

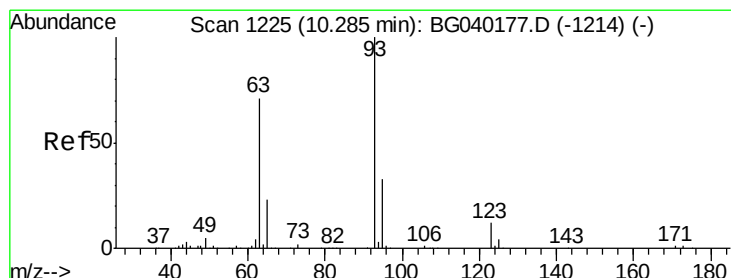
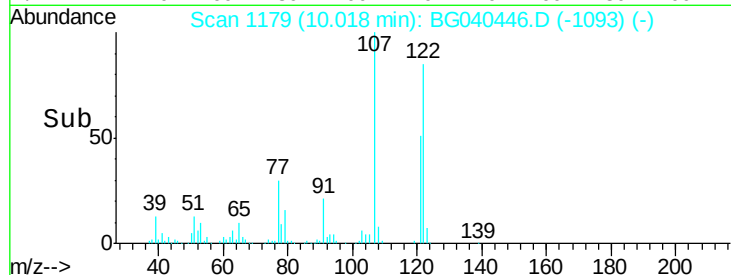
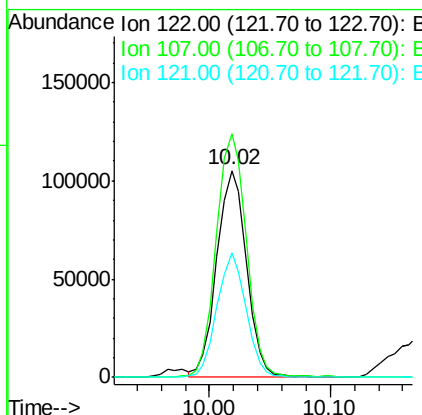
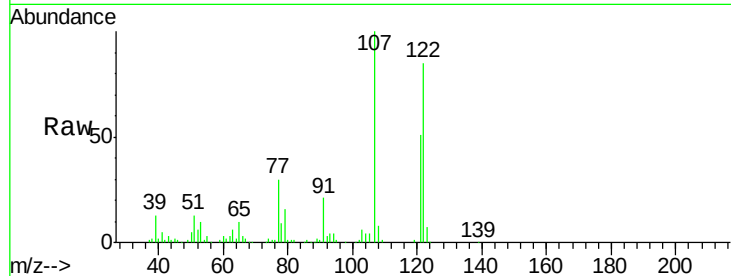




#27
 2,4-Dimethylphenol
 Concen: 46.060 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.03 min
 Lab File: BG040446.D
 Acq: 11 Apr 2019 18:09

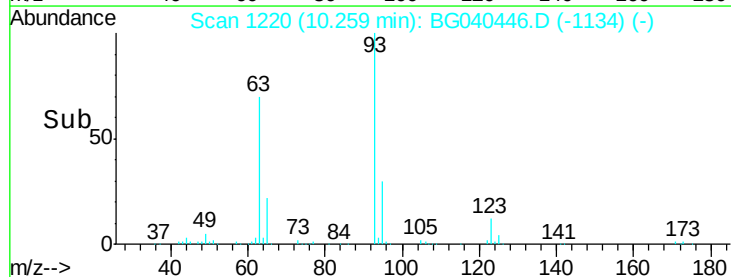
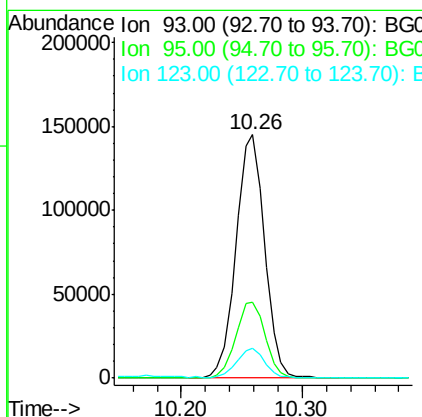
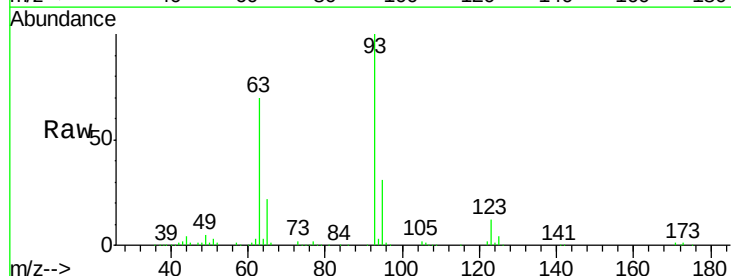
Instrument :
 BNA_G
 ClientSampleId :

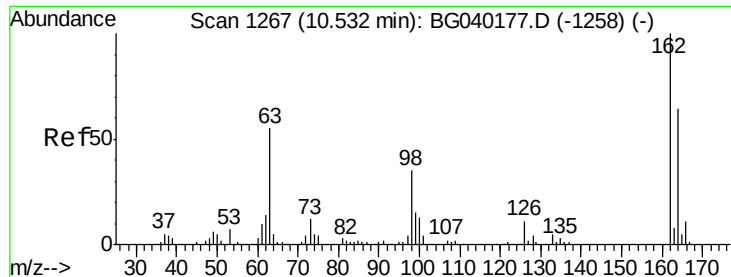
Tot Ion:122 Resp: 178481
 Ion Ratio Lower Upper
 122 100
 107 117.7 97.4 146.2
 121 60.5 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.621 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. -0.03 min
 Lab File: BG040446.D
 Acq: 11 Apr 2019 18:09

Tgt Ion: 93 Resp: 239794
 Ion Ratio Lower Upper
 93 100
 95 31.3 26.2 39.4
 123 12.2 9.4 14.0

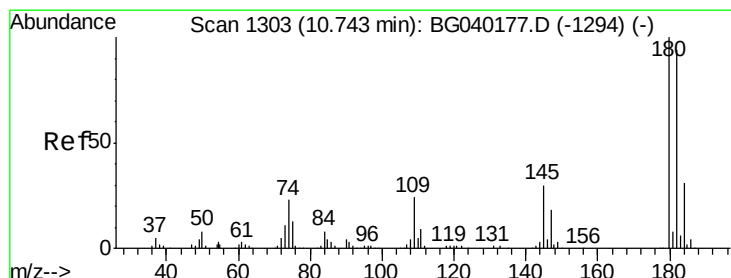
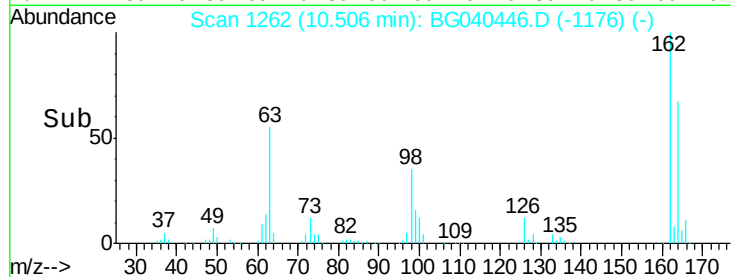
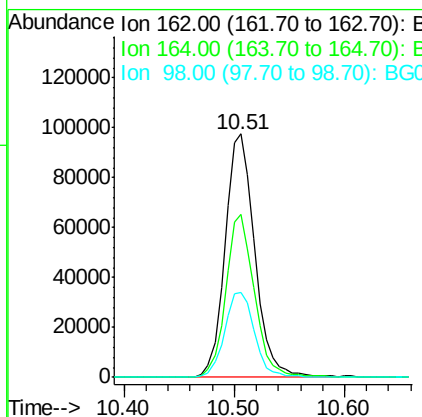
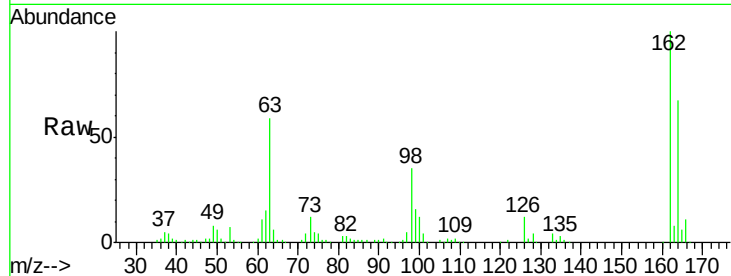




#29
 2,4-Dichlorophenol
 Concen: 43.642 ng
 RT: 10.51 min Scan# 1262
 Delta R.T. -0.03 min
 Lab File: BG040446.D
 Acq: 11 Apr 2019 18:09

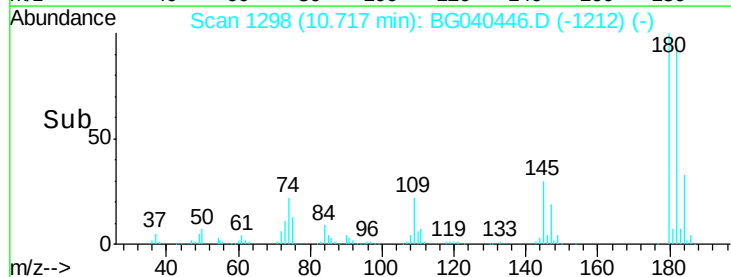
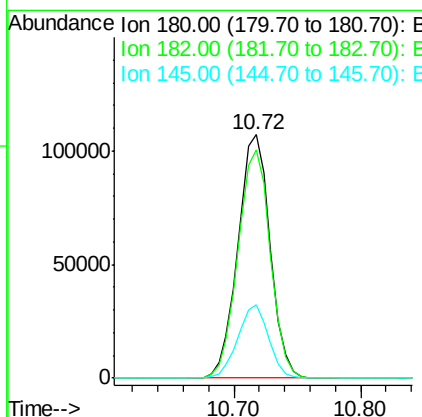
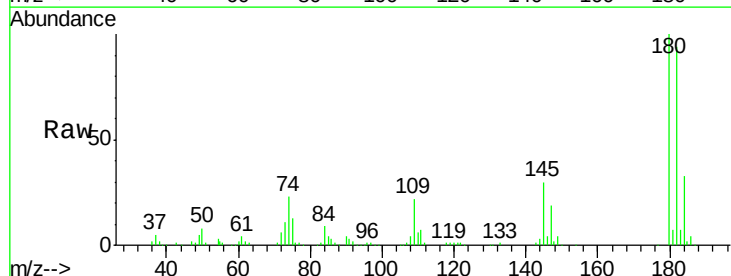
Instrument :
 BNA_G
 ClientSampled :

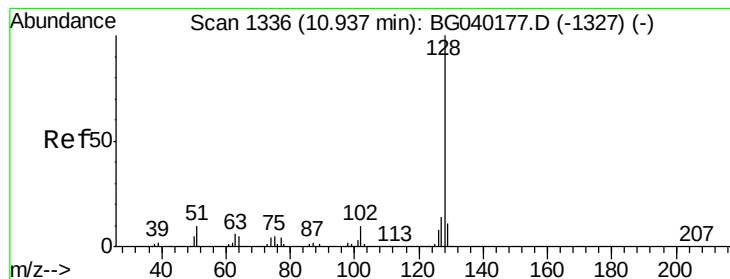
Tot Ion:162 Resp: 183560
 Ion Ratio Lower Upper
 162 100
 164 66.9 43.9 83.9
 98 34.9 15.6 55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 40.733 ng
 RT: 10.72 min Scan# 1298
 Delta R.T. -0.03 min
 Lab File: BG040446.D
 Acq: 11 Apr 2019 18:09

Tgt Ion:180 Resp: 188122
 Ion Ratio Lower Upper
 180 100
 182 93.7 75.1 112.7
 145 30.2 24.1 36.1





#31

Naphthalene

Concen: 41.001 ng

RT: 10.91 min Scan# 1331

Delta R.T. -0.03 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

Instrument :

BNA_G

ClientSampleId :

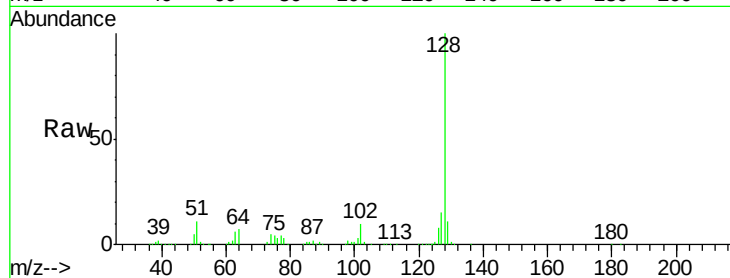
Tot Ion:128 Resp: 555378

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

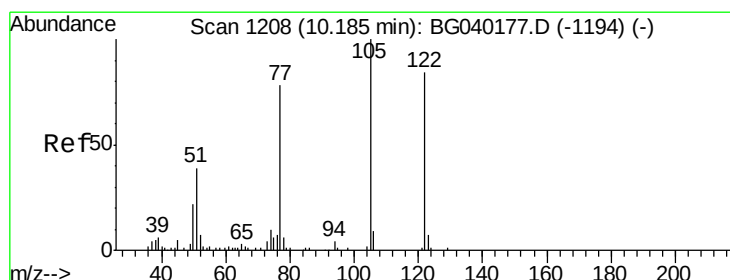
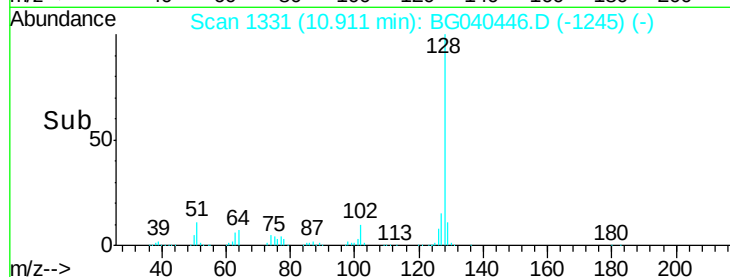
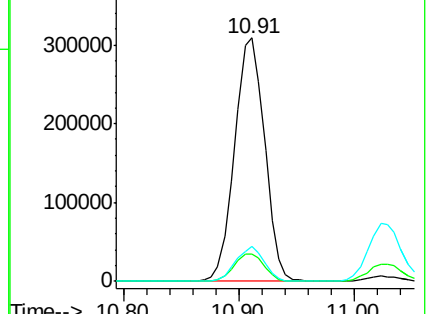
127 14.6 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 30.103 ng

RT: 10.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

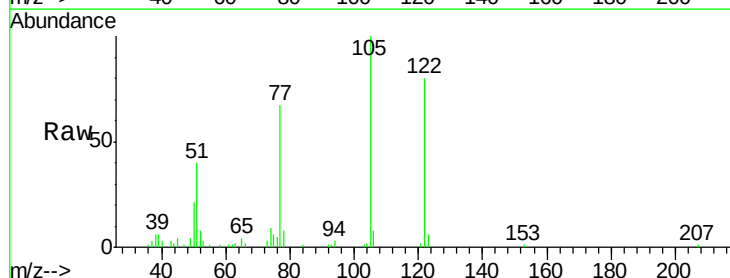
Tgt Ion:122 Resp: 70479

Ion Ratio Lower Upper

122 100

105 125.6 98.2 138.2

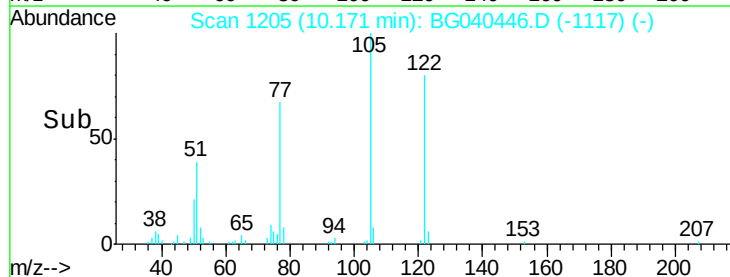
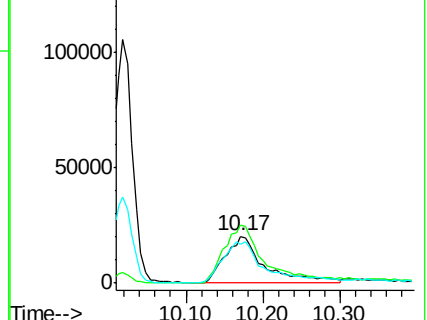
77 84.2 73.6 113.6

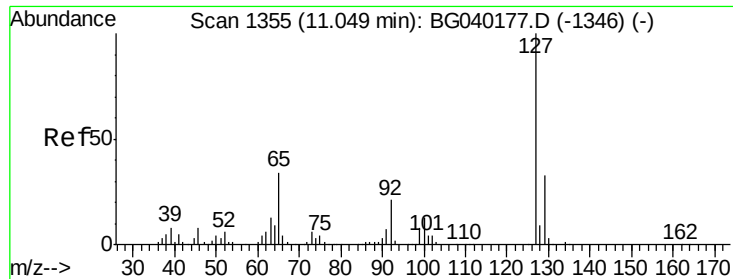


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

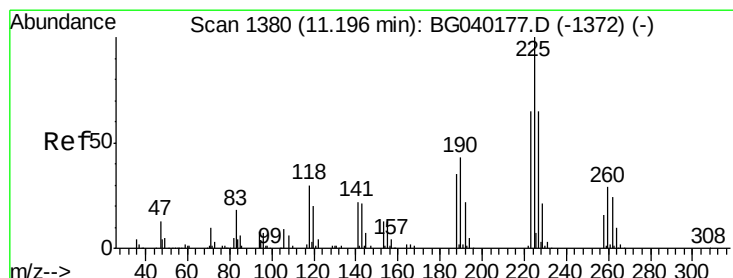
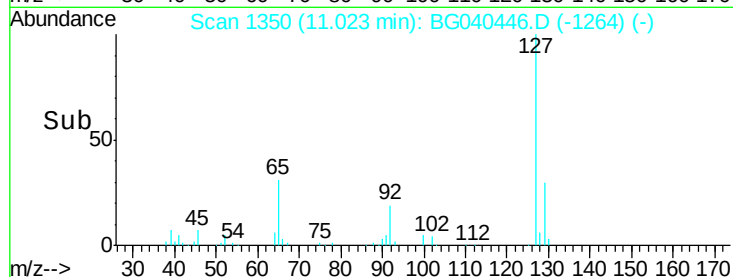
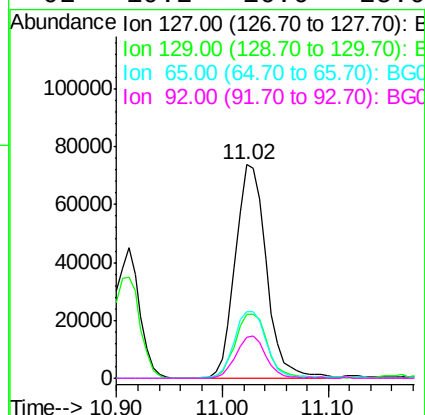
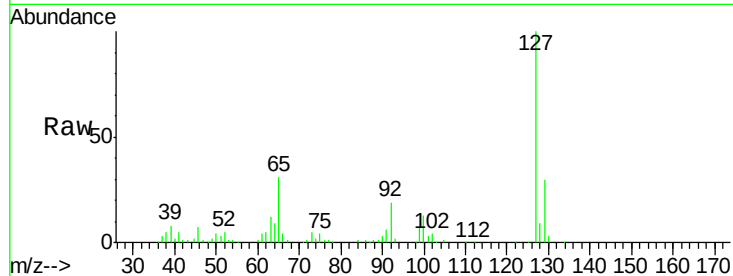




#33
4-Chloroaniline
Concen: 26.024 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.03 min
Lab File: BG040446.D
Acq: 11 Apr 2019 18:09

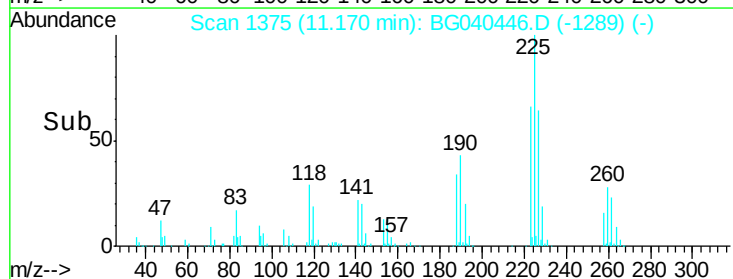
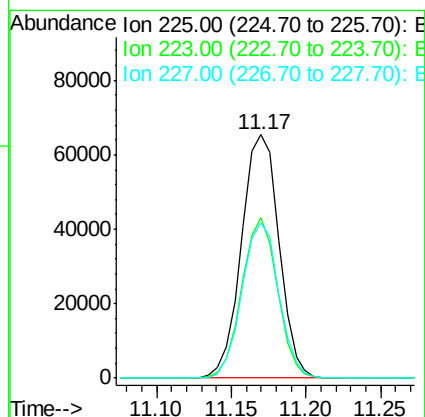
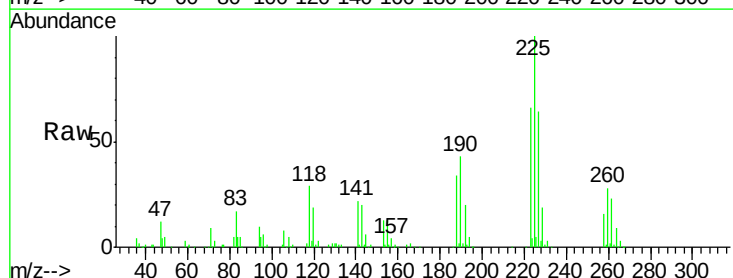
Instrument :
BNA_G
ClientSampleId :

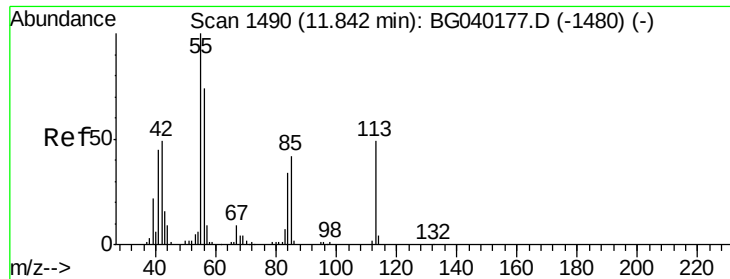
Tot Ion:	127	Resp:	150361
Ion	Ratio	Lower	Upper
127	100		
129	30.0	26.6	40.0
65	31.0	27.0	40.4
92	19.2	16.6	25.0



#34
Hexachlorobutadiene
Concen: 38.516 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.03 min
Lab File: BG040446.D
Acq: 11 Apr 2019 18:09

Tgt Ion:	225	Resp:	113764
Ion	Ratio	Lower	Upper
225	100		
223	65.9	51.8	77.8
227	64.0	54.9	82.3





#35

Caprolactam

Concen: 27.814 ng

RT: 11.82 min Scan# 1485

Delta R.T. -0.03 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

Instrument :

BNA_G

ClientSampled :

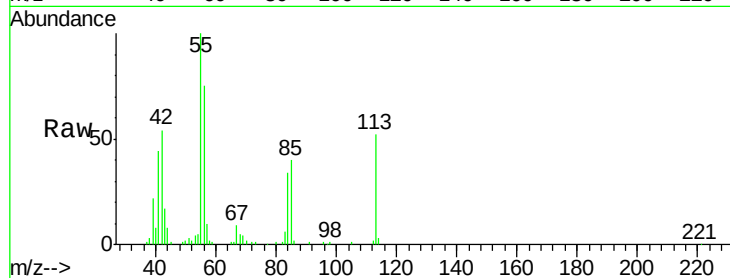
Tot Ion:113 Resp: 46425

Ion Ratio Lower Upper

113 100

55 193.8 184.2 224.2

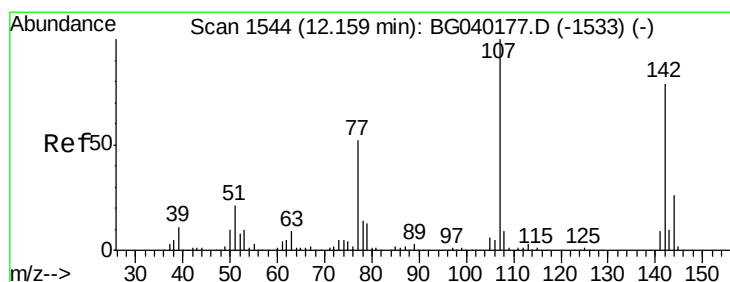
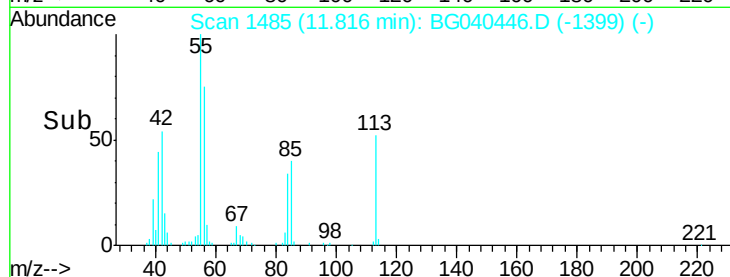
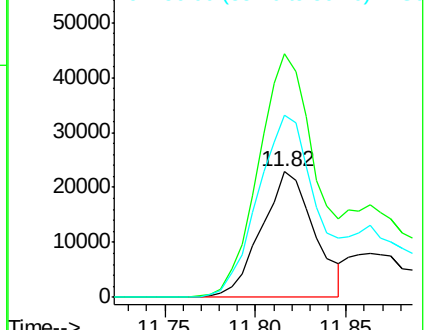
56 145.2 131.3 171.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 44.638 ng

RT: 12.13 min Scan# 1539

Delta R.T. -0.03 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

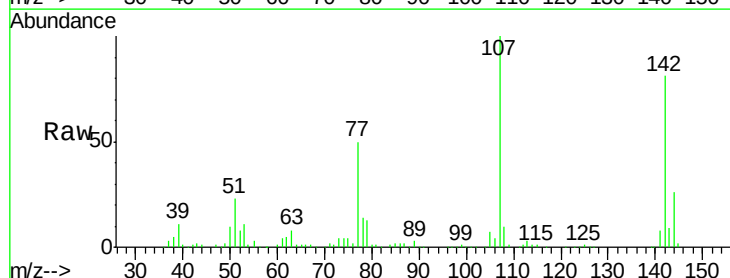
Tgt Ion:107 Resp: 215839

Ion Ratio Lower Upper

107 100

144 25.5 20.5 30.7

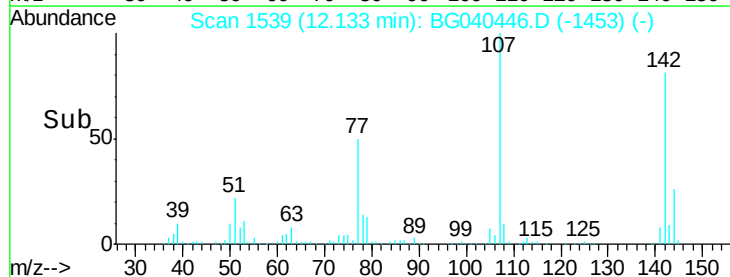
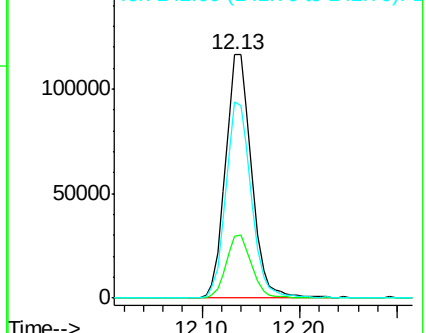
142 80.6 63.1 94.7

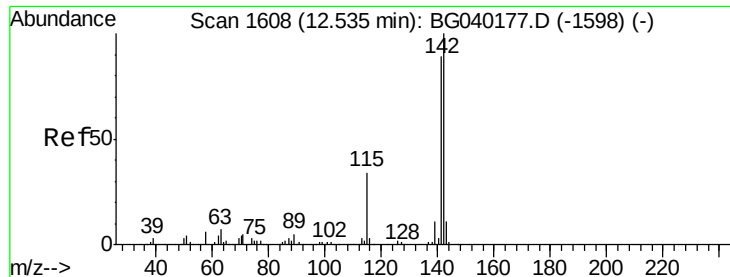


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

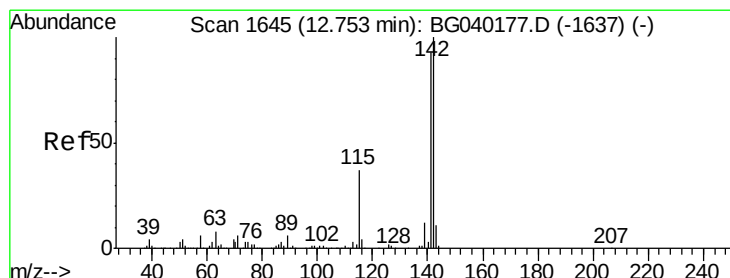
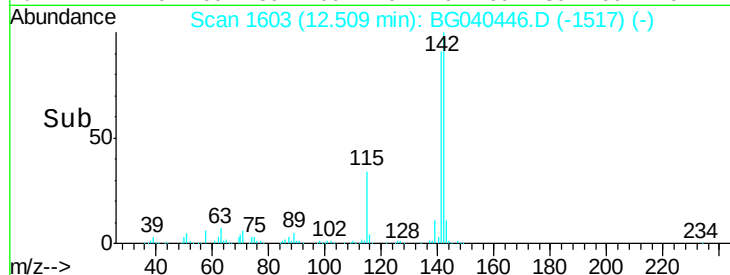
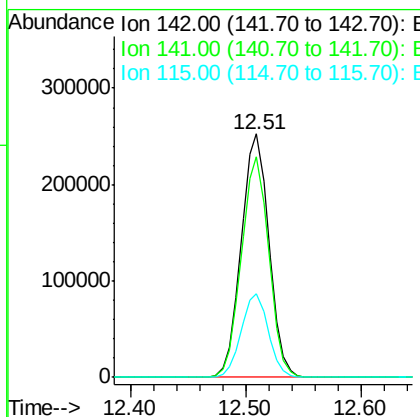
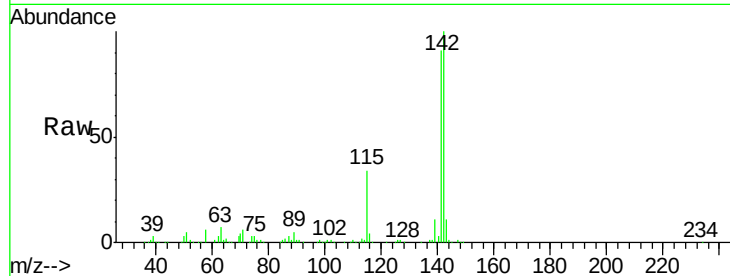




#37
 2-Methylnaphthalene
 Concen: 42.083 ng
 RT: 12.51 min Scan# 1603
 Delta R.T. -0.03 min
 Lab File: BG040446.D
 Acq: 11 Apr 2019 18:09

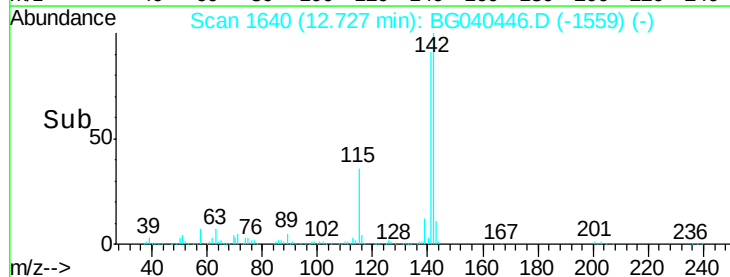
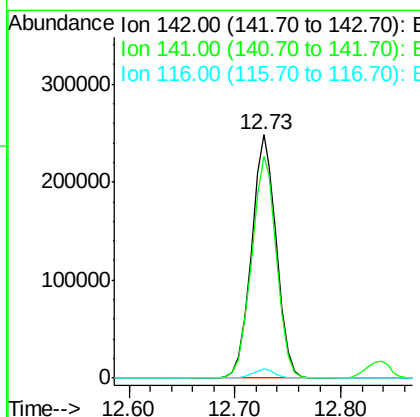
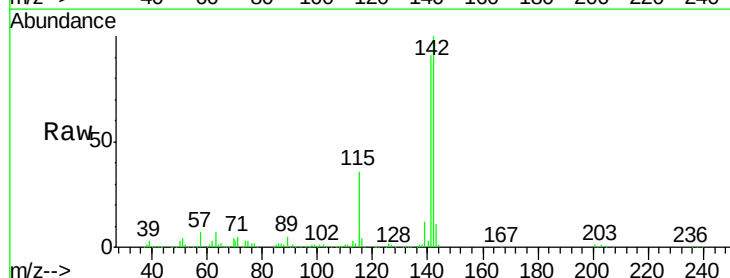
Instrument :
 BNA_G
 ClientSampleId :

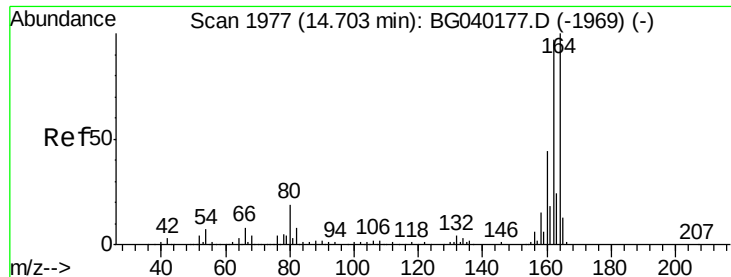
Tot Ion:142 Resp: 421589
 Ion Ratio Lower Upper
 142 100
 141 90.6 71.0 106.6
 115 34.5 27.3 40.9



#38
 1-Methylnaphthalene
 Concen: 41.704 ng
 RT: 12.73 min Scan# 1640
 Delta R.T. -0.03 min
 Lab File: BG040446.D
 Acq: 11 Apr 2019 18:09

Tgt Ion:142 Resp: 405134
 Ion Ratio Lower Upper
 142 100
 141 91.3 74.2 111.4
 116 3.9 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.03 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

Instrument :

BNA_G

ClientSampleId :

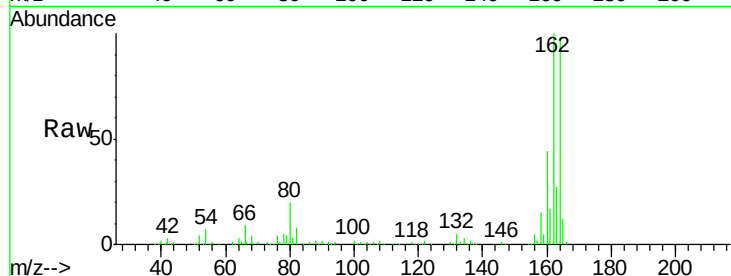
Tot Ion:164 Resp: 172912

Ion Ratio Lower Upper

164 100

162 101.7 77.4 116.2

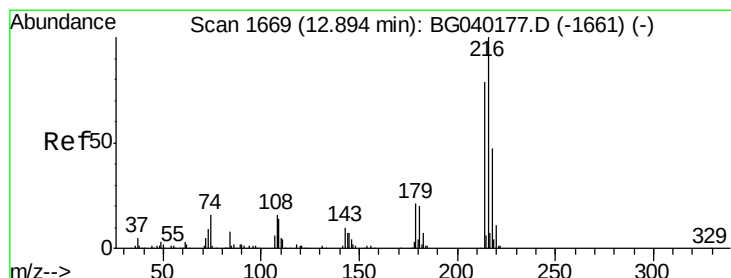
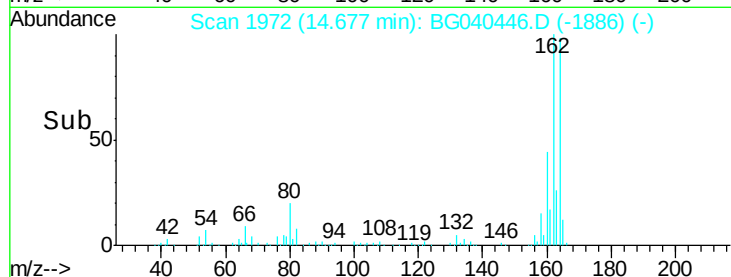
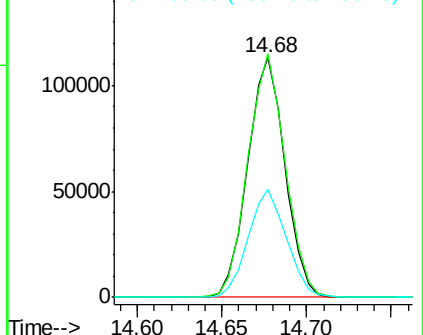
160 44.9 35.3 52.9



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: 38.931 ng

RT: 12.87 min Scan# 1664

Delta R.T. -0.03 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

Tgt Ion:216 Resp: 213955

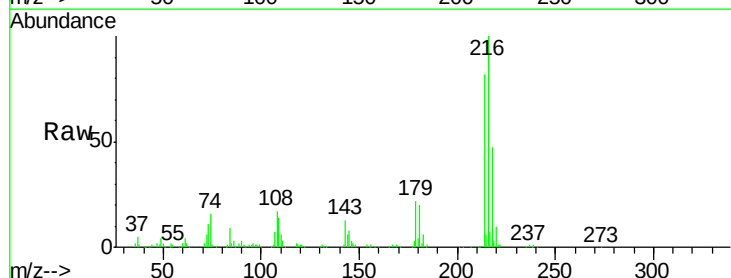
Ion Ratio Lower Upper

216 100

214 79.6 63.5 95.3

179 21.1 16.6 25.0

108 19.6 13.8 20.8

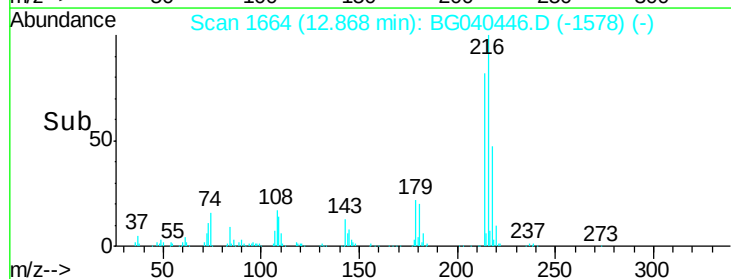
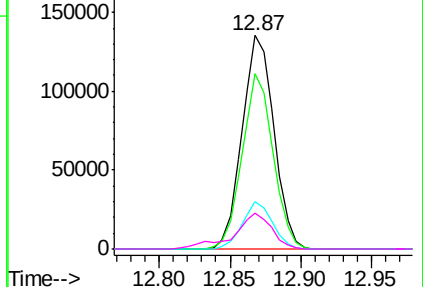


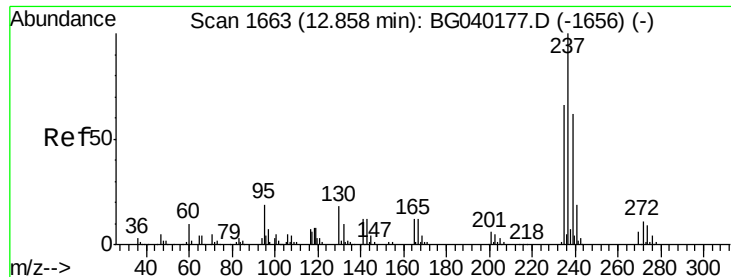
Abundance Ion 216.00 (215.70 to 216.70): E

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: 76.097 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

Instrument :

BNA_G

ClientSampleId :

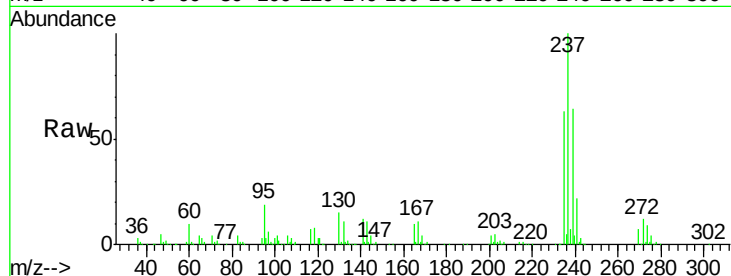
Tot Ion:237 Resp: 229628

Ion Ratio Lower Upper

237 100

235 62.5 46.2 86.2

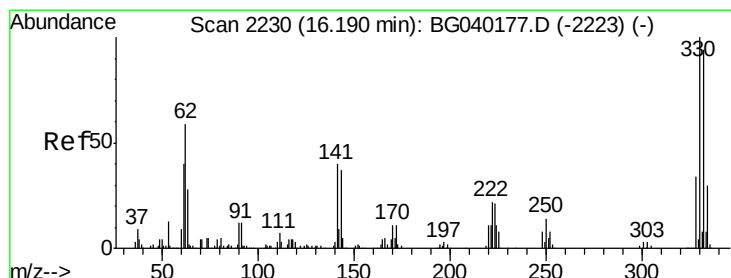
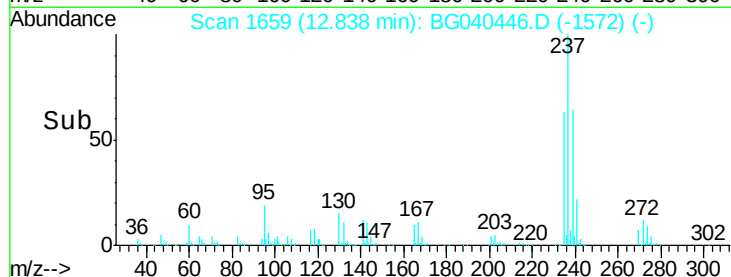
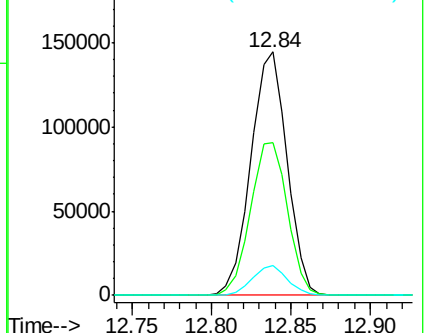
272 12.4 0.0 30.5



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: 144.689 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

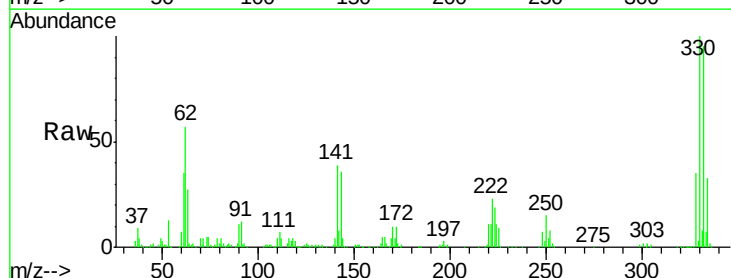
Tgt Ion:330 Resp: 270384

Ion Ratio Lower Upper

330 100

332 97.2 76.6 115.0

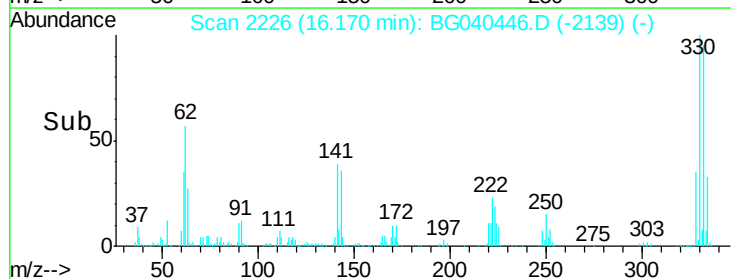
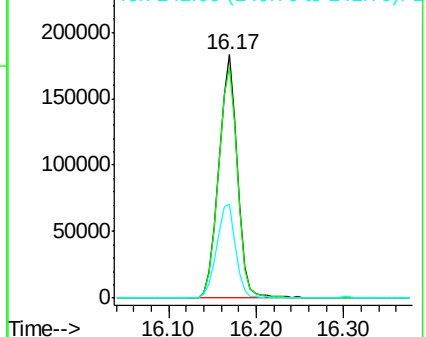
141 39.8 32.6 48.8

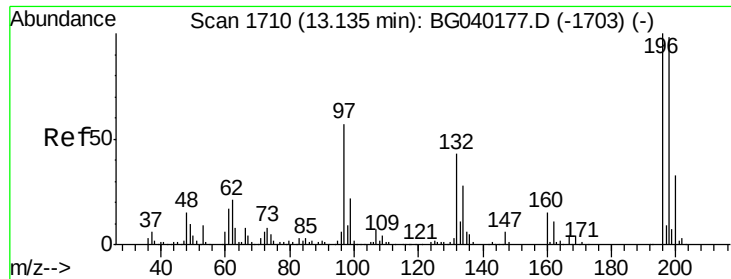


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

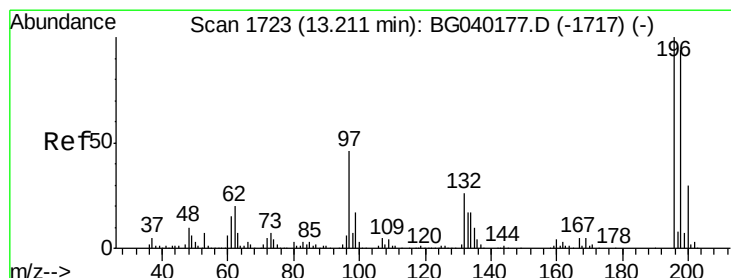
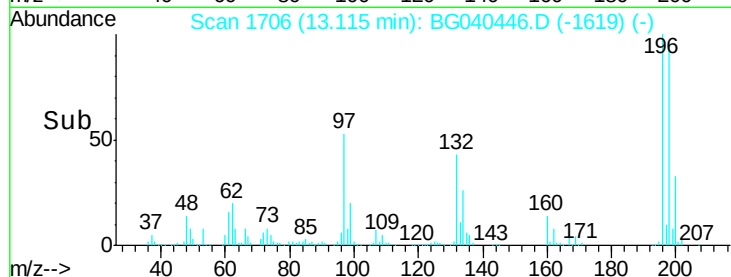
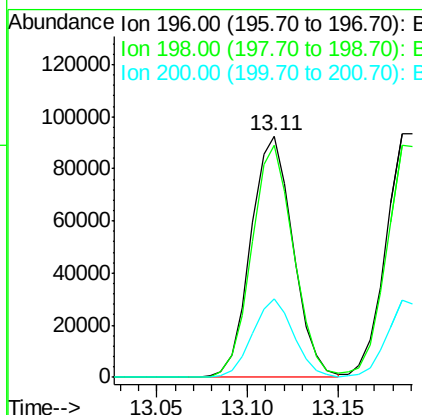
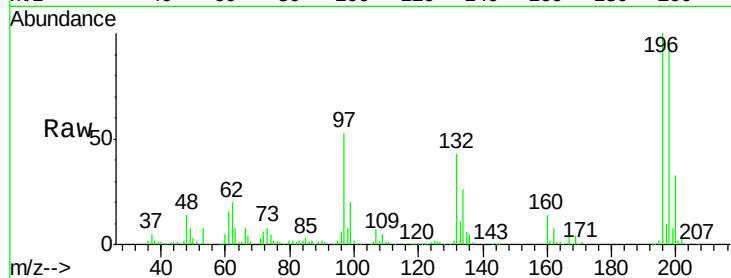




#43
 2,4,6-Trichlorophenol
 Concen: 42.238 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG040446.D
 Acq: 11 Apr 2019 18:09

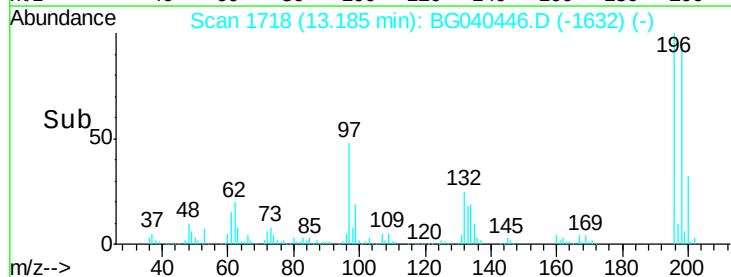
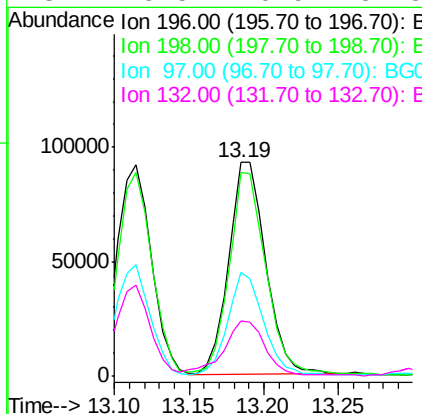
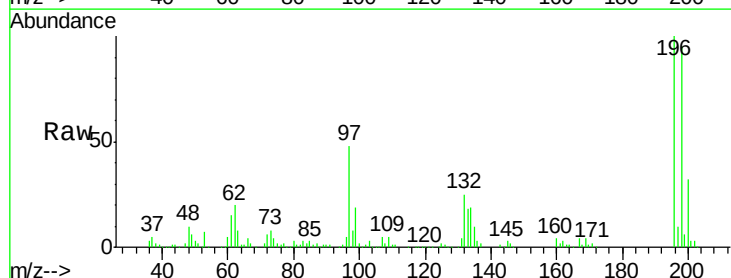
Instrument :
 BNA_G
 ClientSampleId :

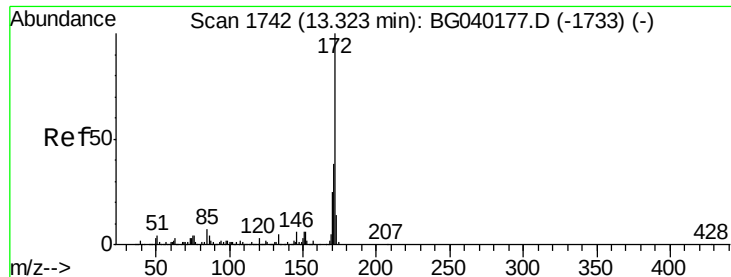
Tot Ion:196 Resp: 149660
 Ion Ratio Lower Upper
 196 100
 198 96.1 78.3 117.5
 200 32.7 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 41.954 ng
 RT: 13.19 min Scan# 1718
 Delta R.T. -0.03 min
 Lab File: BG040446.D
 Acq: 11 Apr 2019 18:09

Tgt Ion:196 Resp: 162030
 Ion Ratio Lower Upper
 196 100
 198 95.3 75.0 112.6
 97 48.3 37.3 55.9
 132 25.5 20.9 31.3

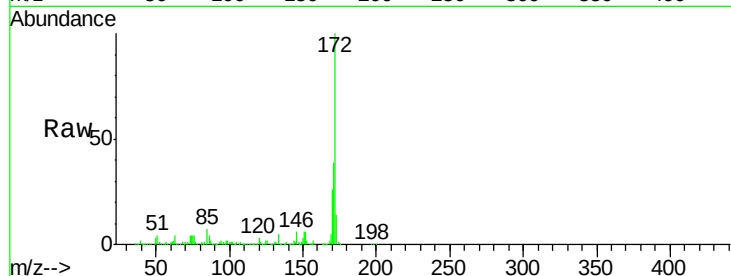




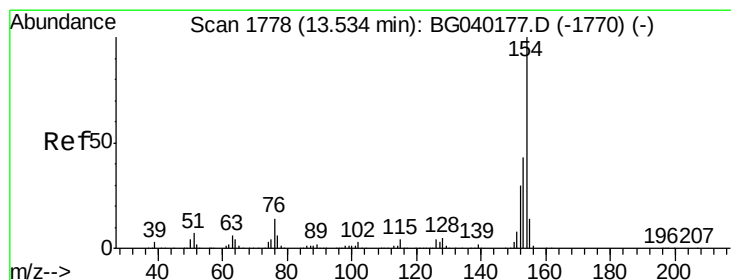
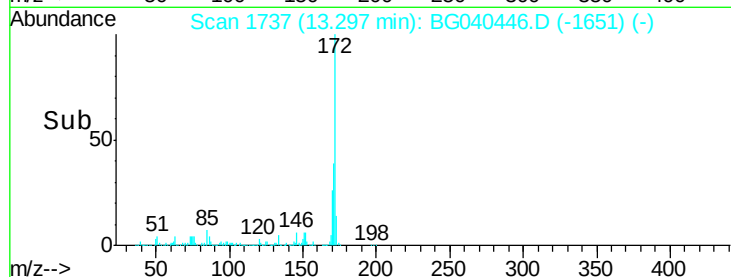
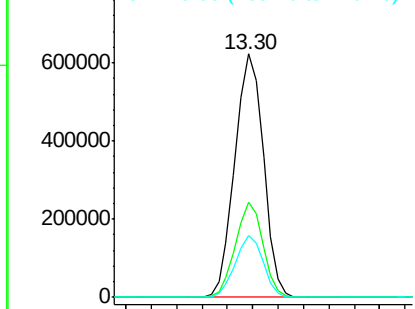
#45
2-Fluorobiphenyl
Concen: 83.589 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.03 min
Lab File: BG040446.D
Acq: 11 Apr 2019 18:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 975425
Ion Ratio Lower Upper
172 100
171 38.9 30.5 45.7
170 25.6 20.1 30.1

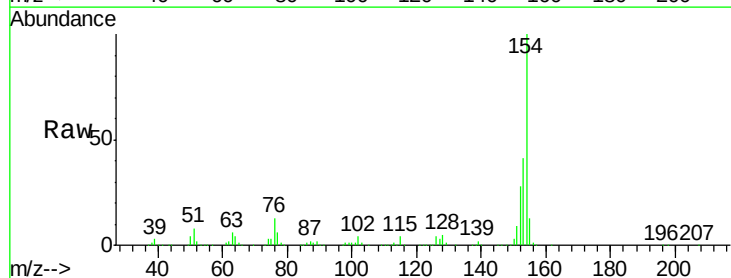


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

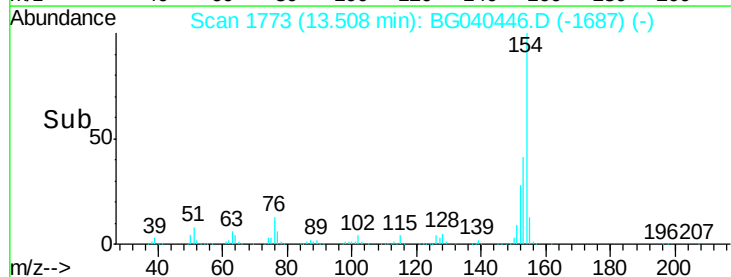
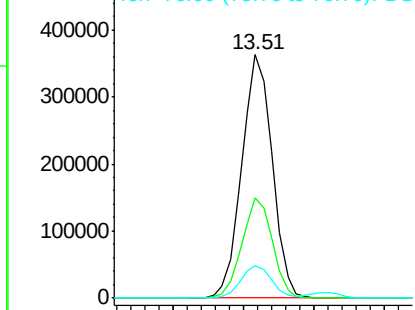


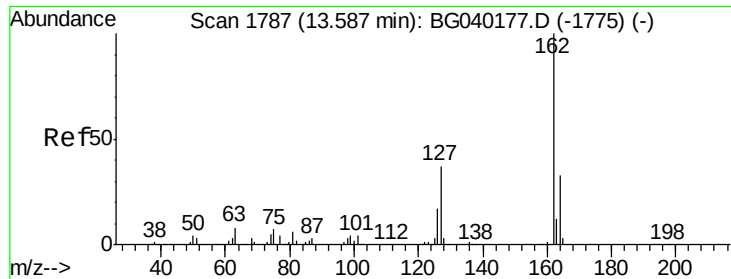
#46
1,1'-Biphenyl
Concen: 40.160 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.03 min
Lab File: BG040446.D
Acq: 11 Apr 2019 18:09

Tgt Ion:154 Resp: 548679
Ion Ratio Lower Upper
154 100
153 41.2 22.5 62.5
76 13.3 0.0 33.7



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG

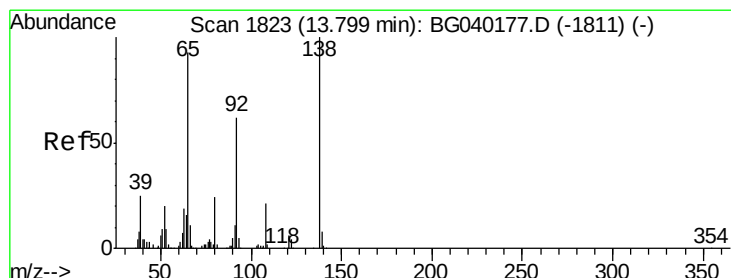
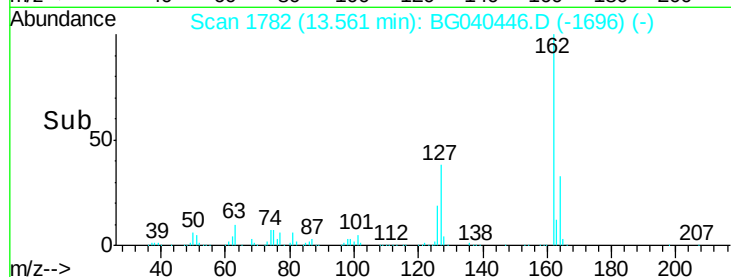
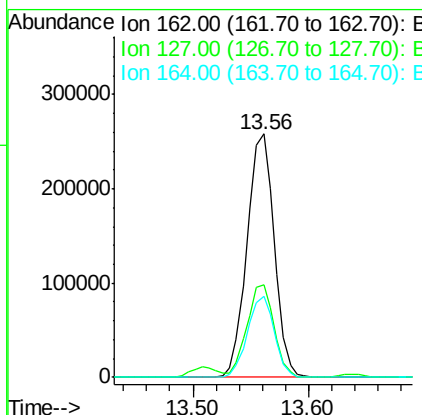
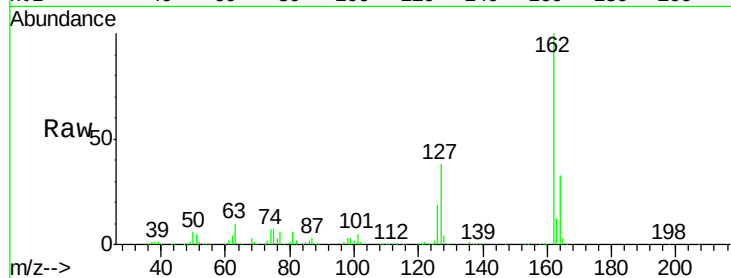




#47
2-Chloronaphthalene
Concen: 40.534 ng
RT: 13.56 min Scan# 1782
Delta R.T. -0.03 min
Lab File: BG040446.D
Acq: 11 Apr 2019 18:09

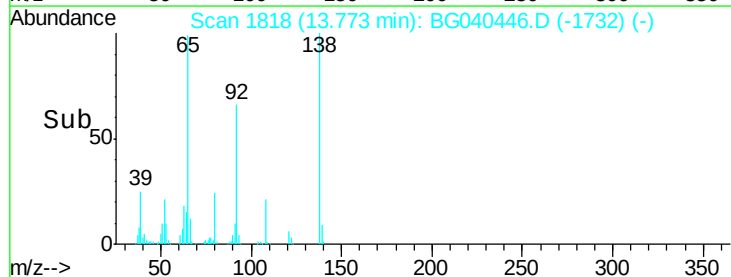
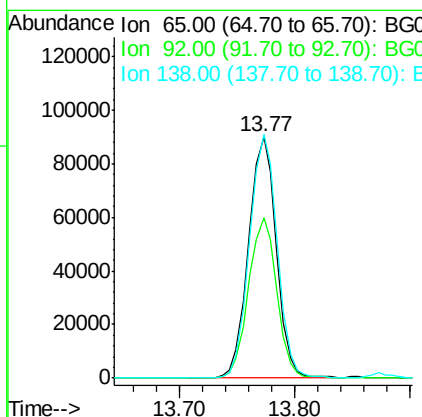
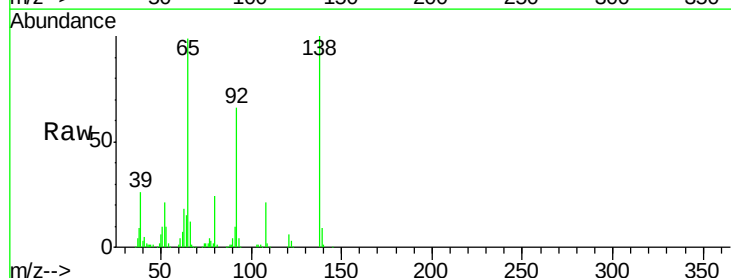
Instrument :
BNA_G
ClientSampleId :

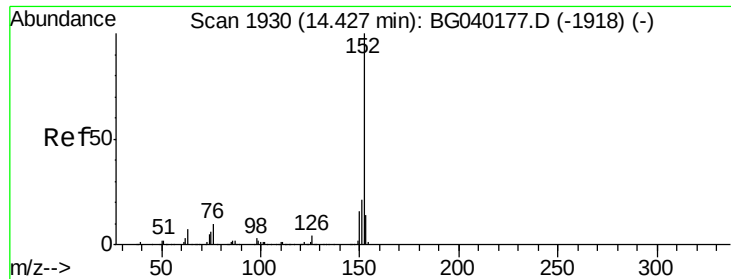
Tot Ion:162 Resp: 424795
Ion Ratio Lower Upper
162 100
127 37.8 30.6 45.8
164 33.3 26.2 39.4



#48
2-Nitroaniline
Concen: 42.858 ng
RT: 13.77 min Scan# 1818
Delta R.T. -0.03 min
Lab File: BG040446.D
Acq: 11 Apr 2019 18:09

Tgt Ion: 65 Resp: 151499
Ion Ratio Lower Upper
65 100
92 66.2 53.8 80.6
138 100.7 86.3 129.5





#49

Acenaphthylene

Concen: 39.799 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.03 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

Instrument :

BNA_G

ClientSampleId :

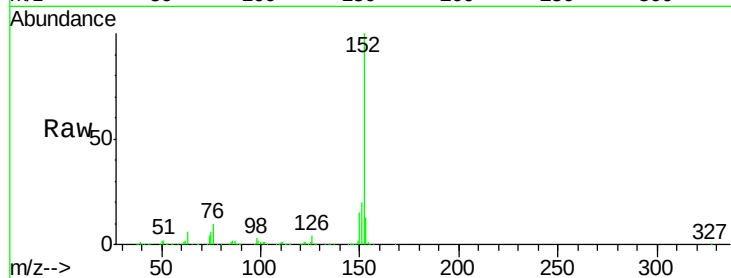
Tot Ion:152 Resp: 707158

Ion Ratio Lower Upper

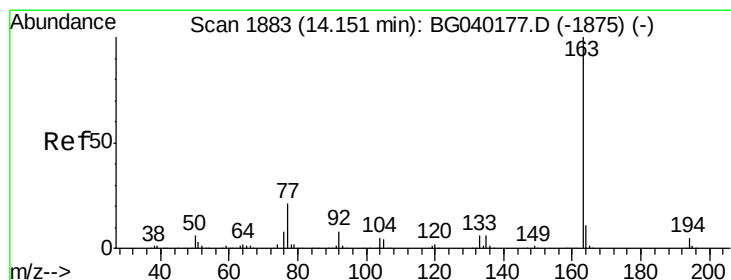
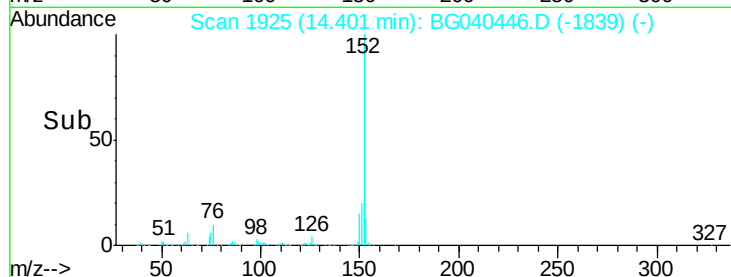
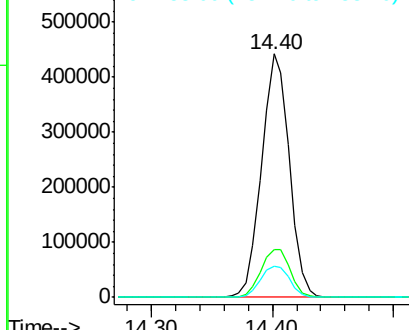
152 100

151 19.8 17.0 25.6

153 12.8 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: 41.217 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

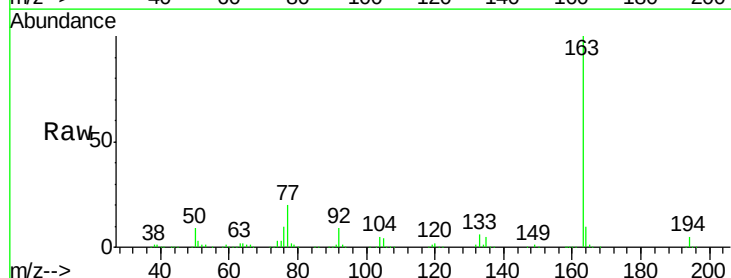
Tgt Ion:163 Resp: 557778

Ion Ratio Lower Upper

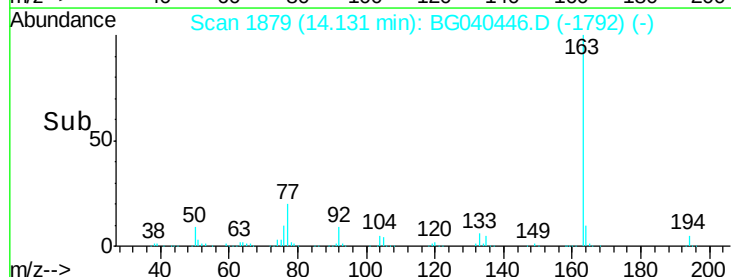
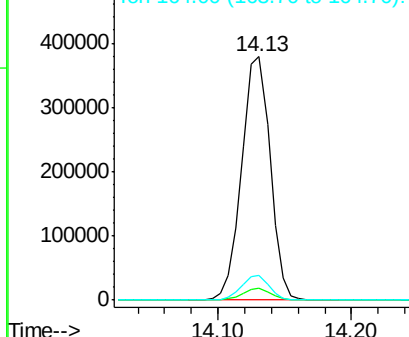
163 100

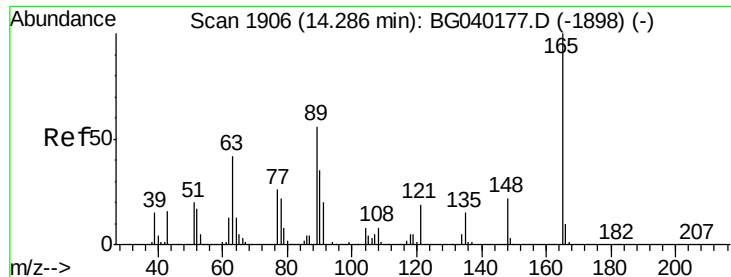
194 4.9 4.1 6.1

164 10.3 8.6 13.0



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: 42.122 ng

RT: 14.26 min Scan# 1901

Delta R.T. -0.03 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

Instrument :

BNA_G

ClientSampleId :

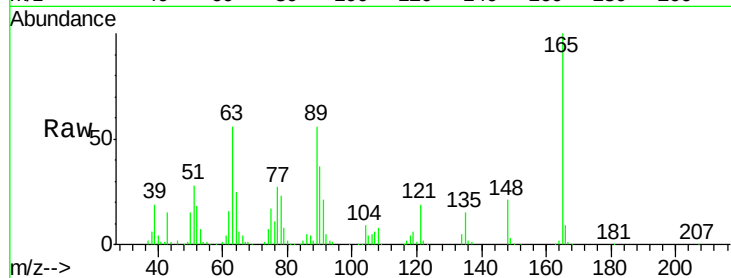
Tot Ion:165 Resp: 127993

Ion Ratio Lower Upper

165 100

63 55.8 44.1 66.1

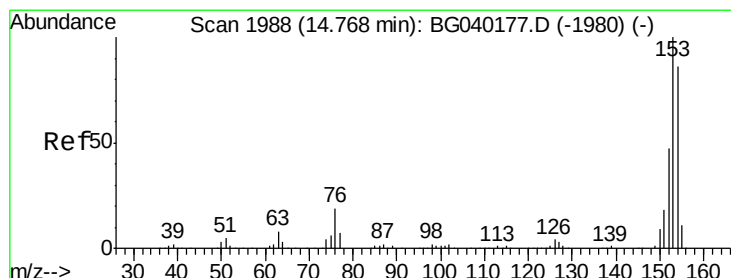
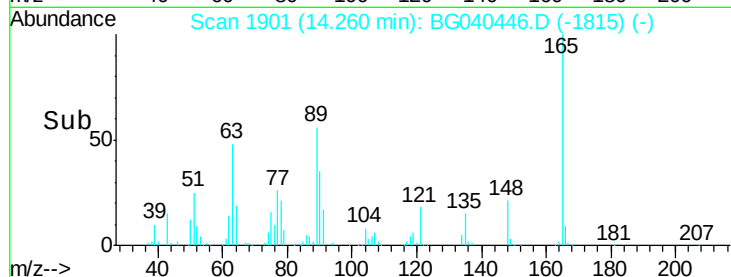
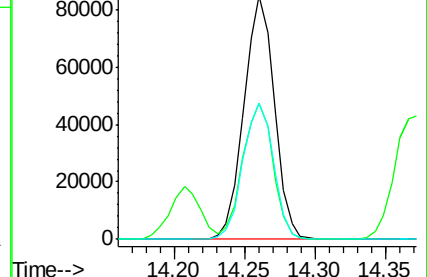
89 56.1 44.9 67.3



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



#52

Acenaphthene

Concen: 40.461 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.03 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

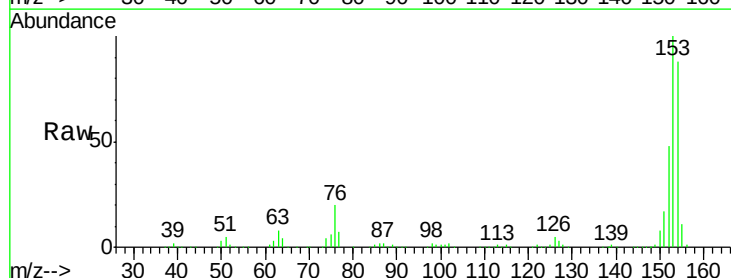
Tgt Ion:154 Resp: 411956

Ion Ratio Lower Upper

154 100

153 113.6 92.8 139.2

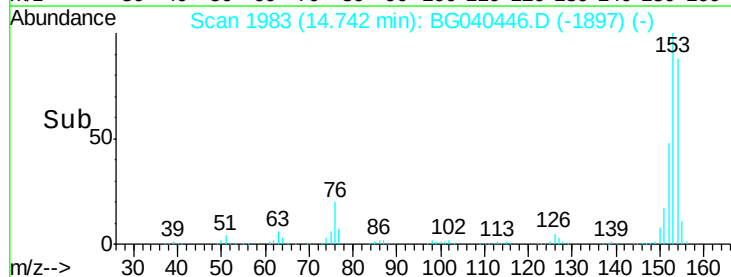
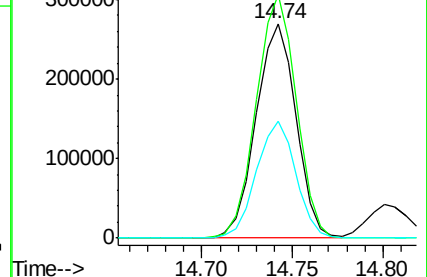
152 54.6 43.4 65.2

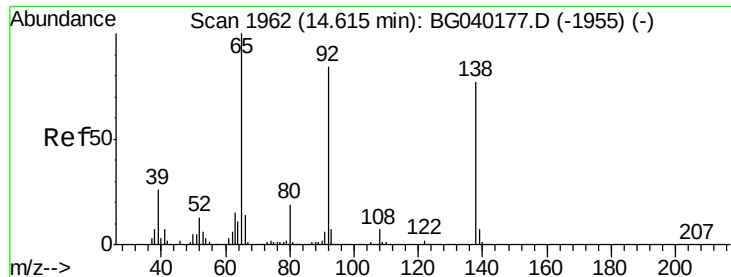


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 32.981 ng

RT: 14.60 min Scan# 1958

Delta R.T. -0.02 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

Instrument :

BNA_G

ClientSampleId :

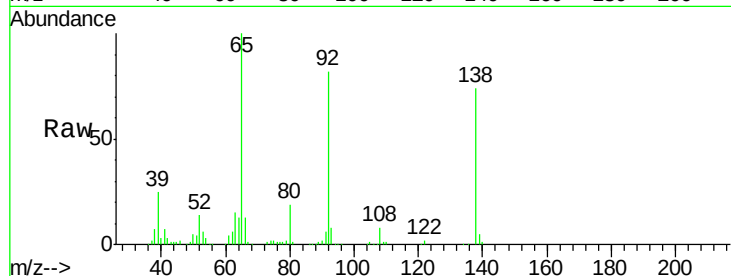
Tot Ion:138 Resp: 106081

Ion Ratio Lower Upper

138 100

108 11.3 7.8 11.8

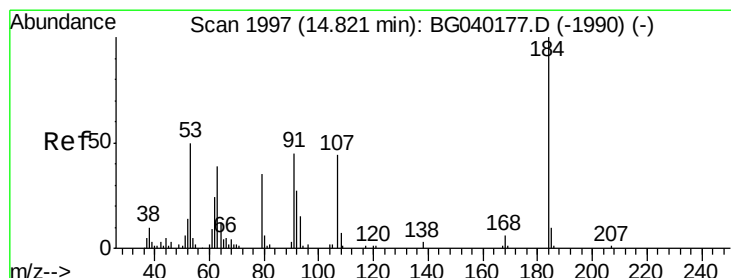
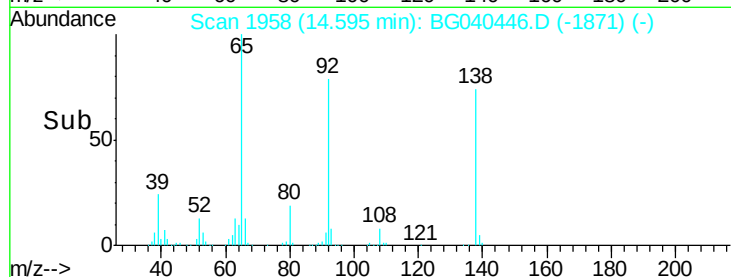
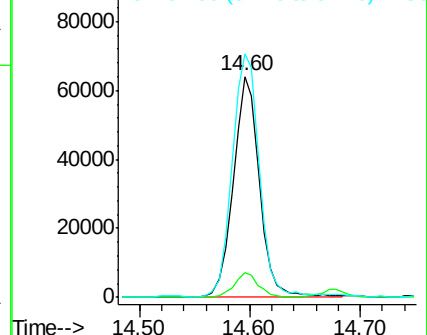
92 110.1 87.5 131.3



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): B



#54

2,4-Dinitrophenol

Concen: 79.110 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

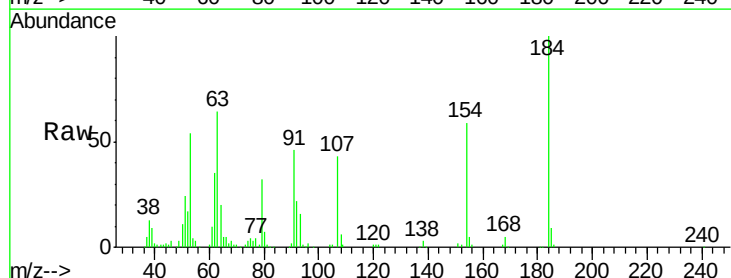
Tgt Ion:184 Resp: 127841

Ion Ratio Lower Upper

184 100

63 63.6 51.8 77.8

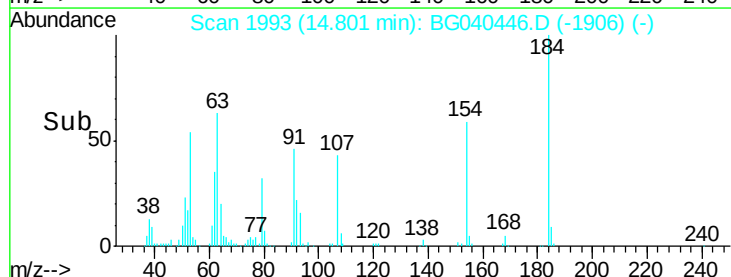
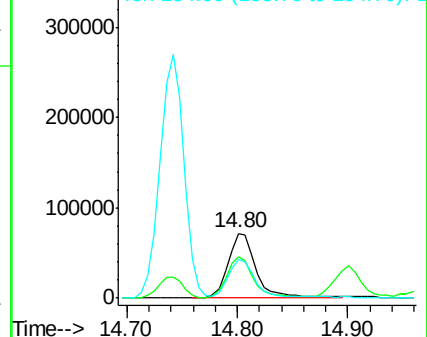
154 59.2 50.9 76.3

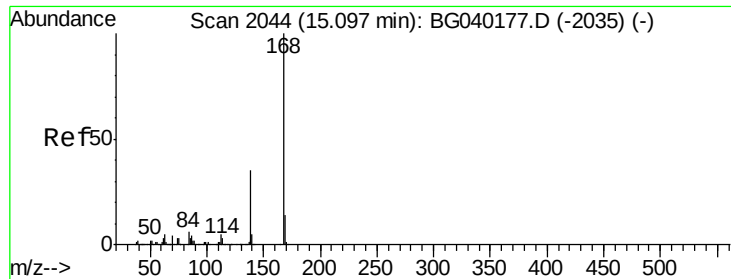


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 41.620 ng

RT: 15.08 min Scan# 2040

Delta R.T. -0.02 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

Instrument :

BNA_G

ClientSampleId :

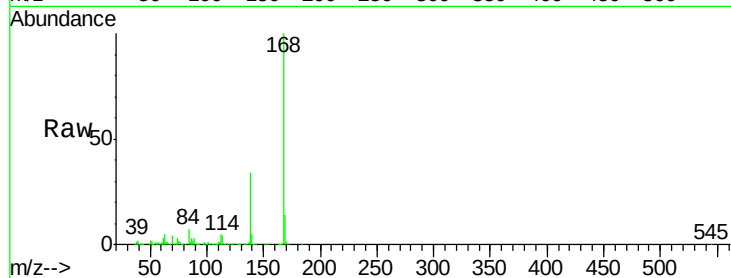
Tot Ion:168 Resp: 680916

Ion Ratio Lower Upper

168 100

139 34.1 27.9 41.9

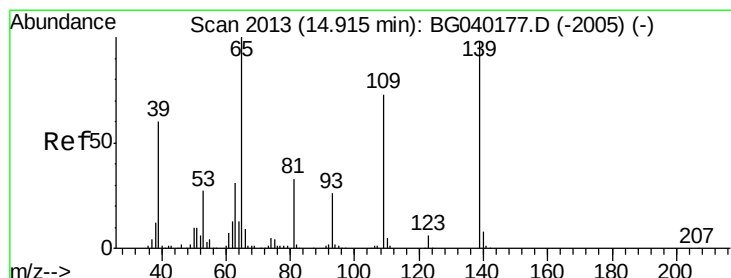
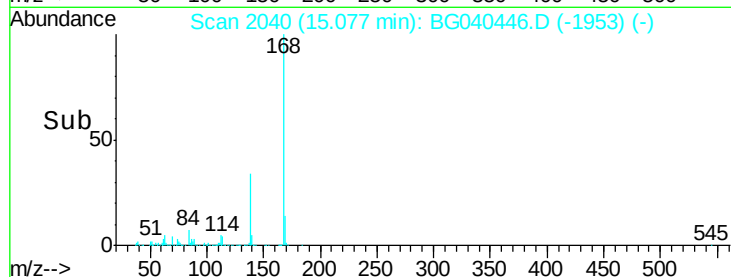
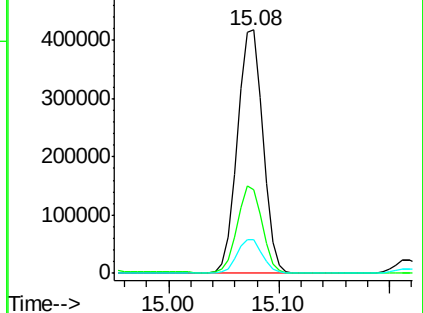
169 13.8 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 84.158 ng

RT: 14.90 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

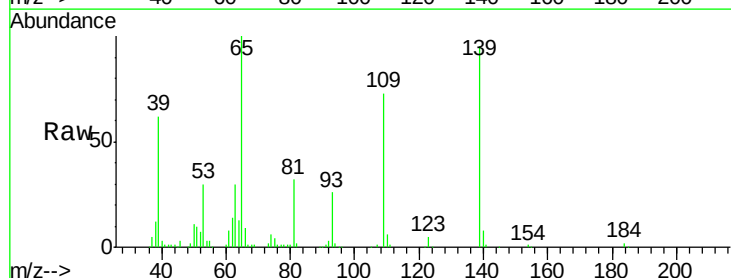
Tgt Ion:139 Resp: 218470

Ion Ratio Lower Upper

139 100

109 76.8 54.3 94.3

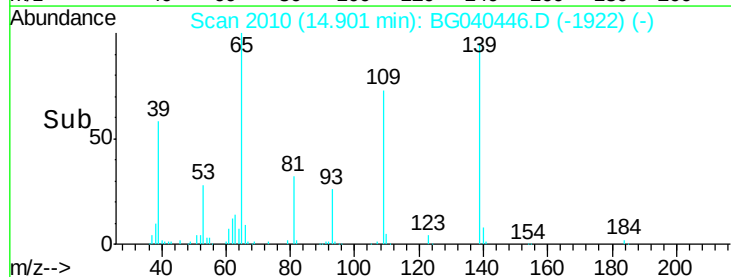
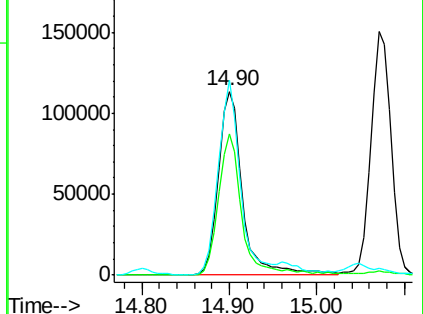
65 105.8 82.5 122.5

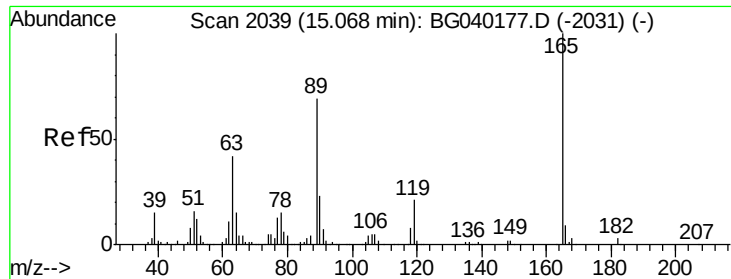


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

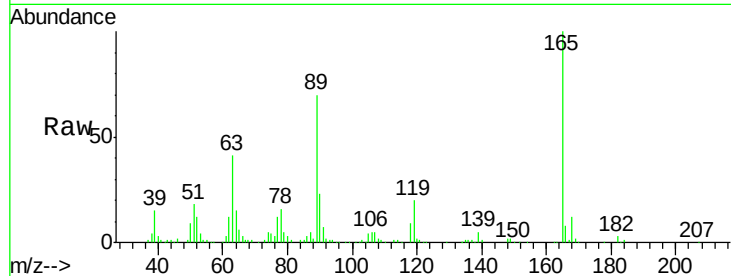




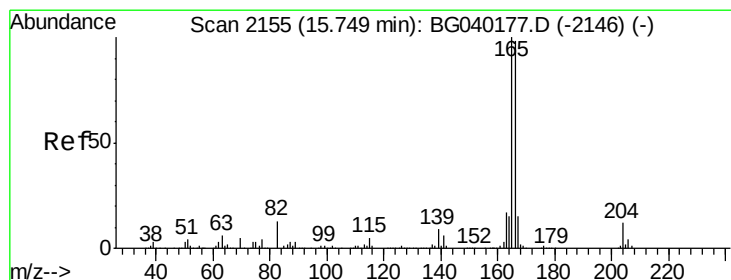
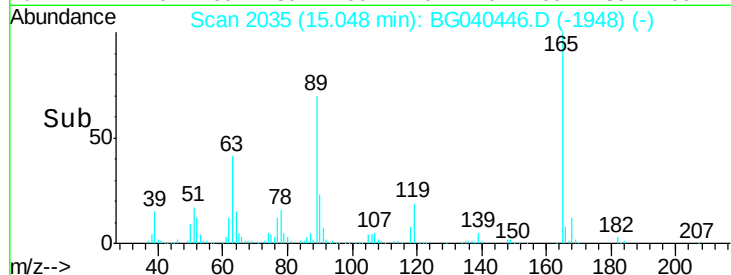
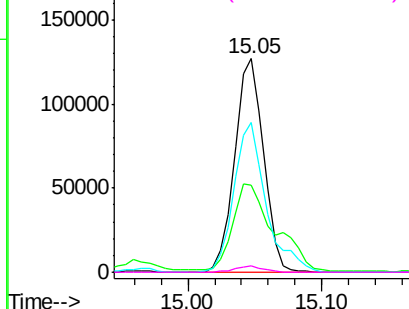
#57
2,4-Dinitrotoluene
Concen: 45.071 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BG040446.D
Acq: 11 Apr 2019 18:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	165	Resp:	190297
Ion	Ratio	Lower	Upper
165	100		
63	40.8	33.8	50.6
89	70.4	55.4	83.2
182	2.8	2.2	3.4

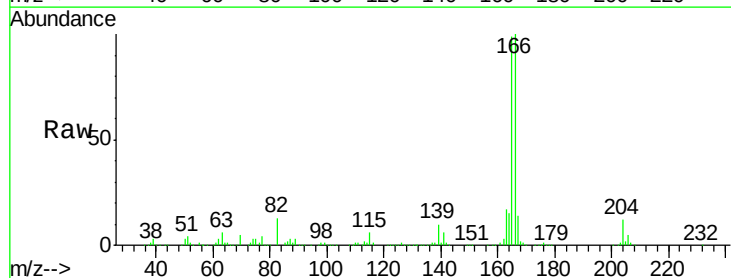


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

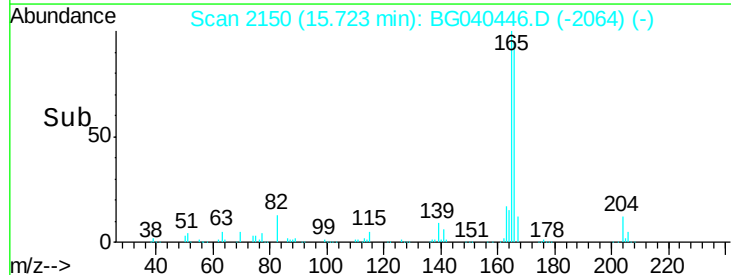
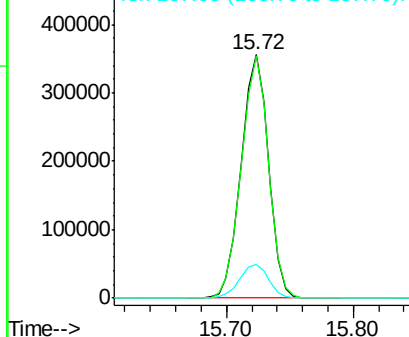


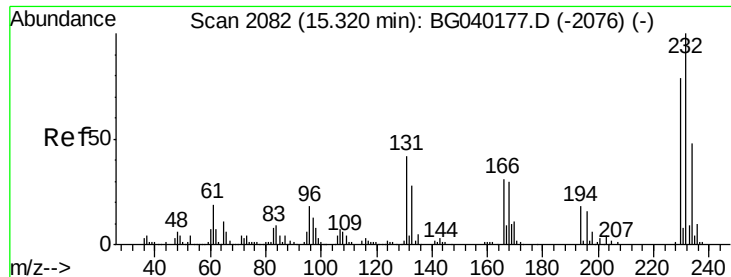
#58
Fluorene
Concen: 41.305 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.03 min
Lab File: BG040446.D
Acq: 11 Apr 2019 18:09

Tgt Ion:	166	Resp:	531290
Ion	Ratio	Lower	Upper
166	100		
165	99.3	81.7	122.5
167	14.0	11.9	17.9



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: 44.701 ng

RT: 15.30 min Scan# 2078

Delta R.T. -0.02 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 156662

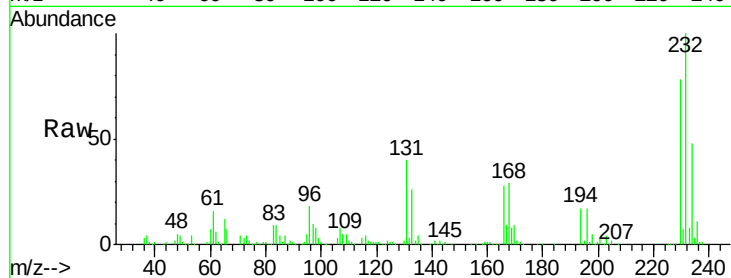
Ion Ratio Lower Upper

232 100

131 42.6 32.9 49.3

130 2.5 1.8 2.8

166 30.0 23.5 35.3

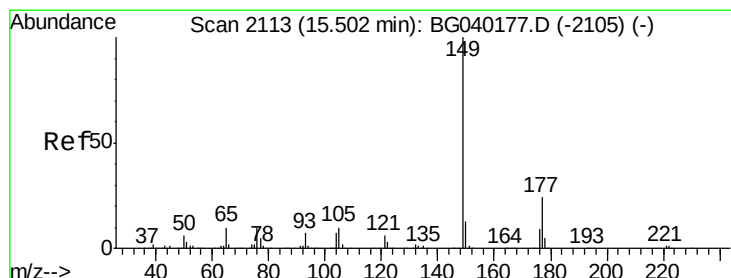
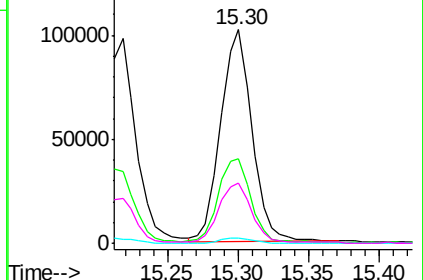
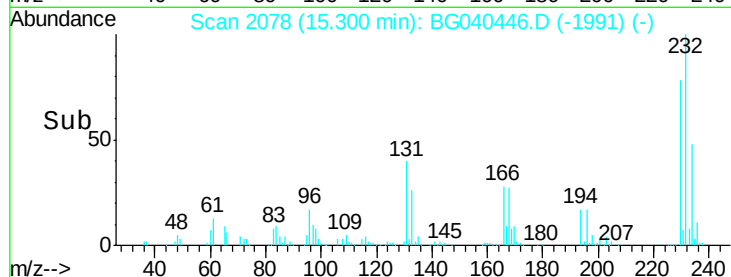


Abundance Ion 232.00 (231.70 to 232.70): E

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: 42.771 ng

RT: 15.48 min Scan# 2108

Delta R.T. -0.03 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

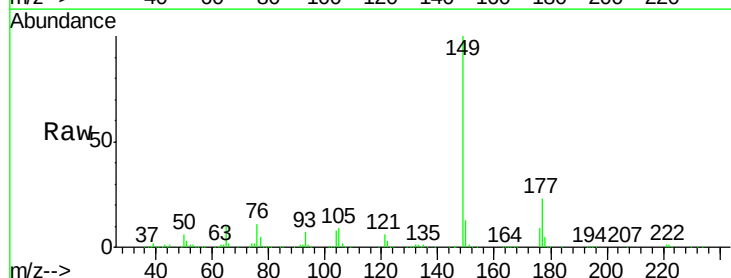
Tgt Ion:149 Resp: 592292

Ion Ratio Lower Upper

149 100

177 23.0 19.1 28.7

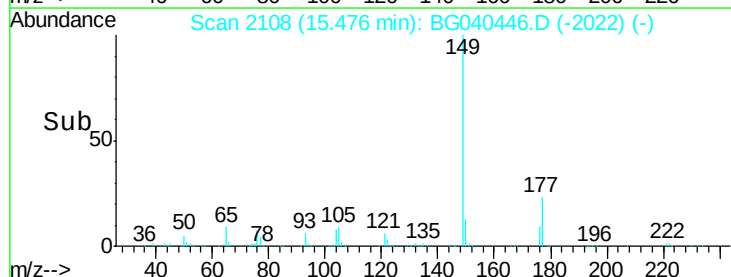
150 12.8 10.6 15.8



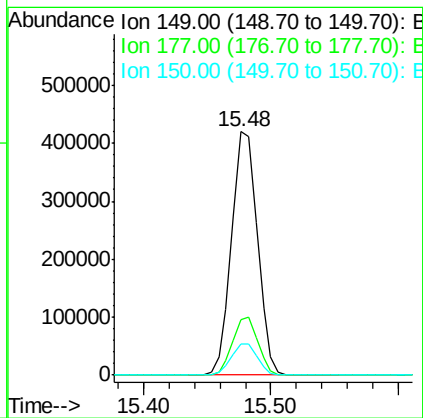
Abundance Ion 149.00 (148.70 to 149.70): E

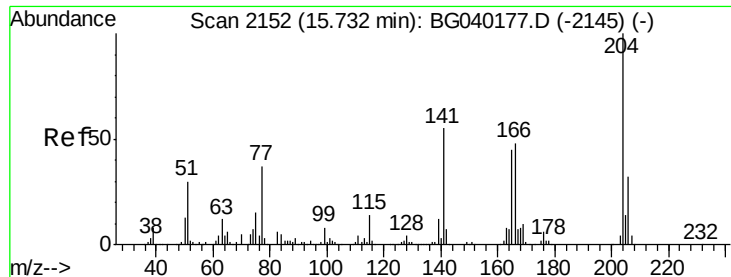
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->

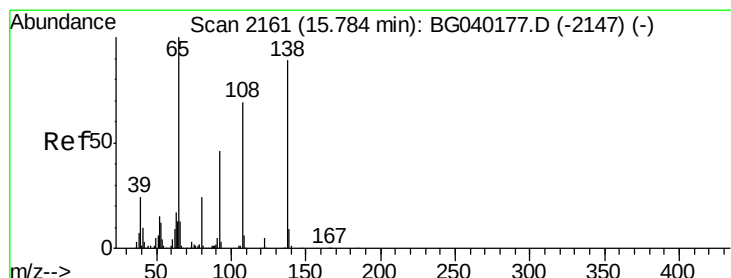
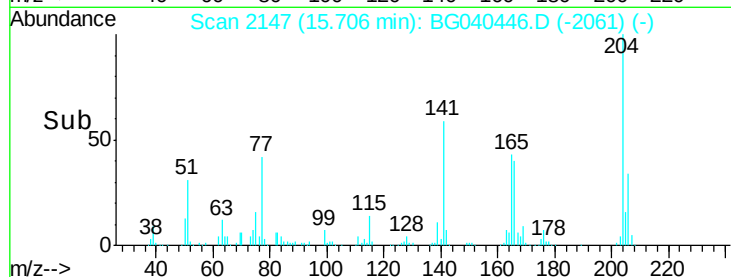
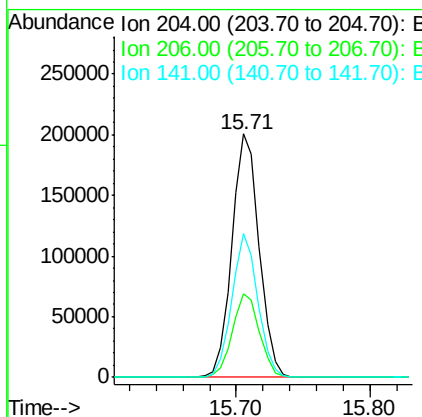
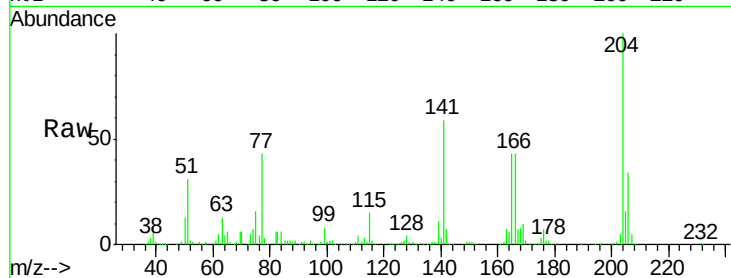




#61
 4-Chlorophenyl-phenylether
 Concen: 41.298 ng
 RT: 15.71 min Scan# 2147
 Delta R.T. -0.03 min
 Lab File: BG040446.D
 Acq: 11 Apr 2019 18:09

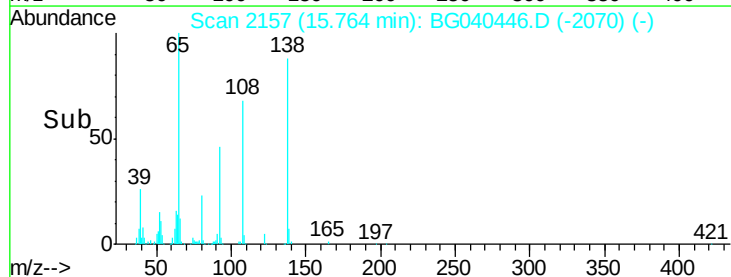
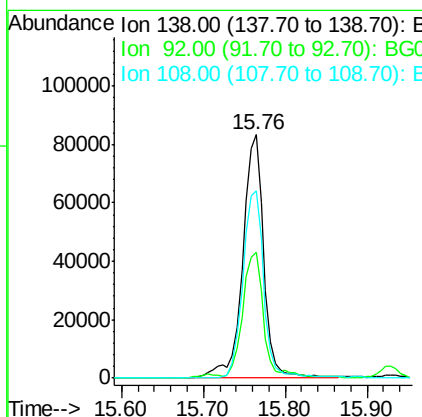
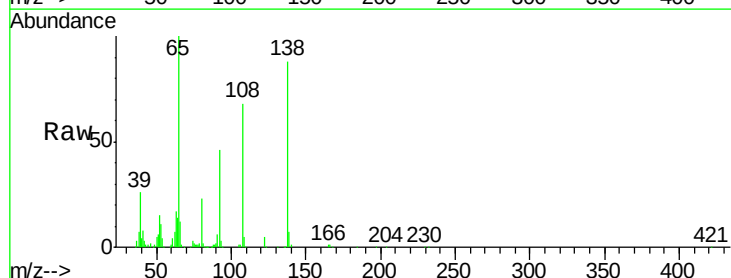
Instrument :
 BNA_G
 ClientSampleId :

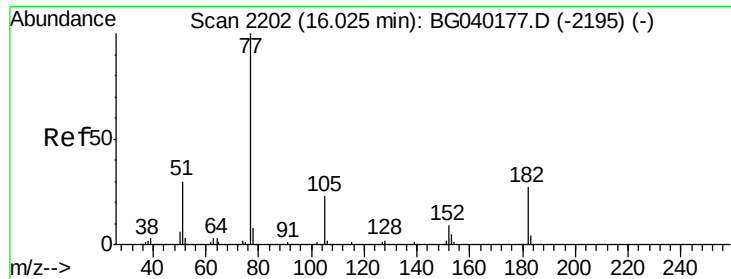
Tot Ion:204 Resp: 283942
 Ion Ratio Lower Upper
 204 100
 206 34.4 25.7 38.5
 141 59.2 44.0 66.0



#62
 4-Nitroaniline
 Concen: 43.328 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BG040446.D
 Acq: 11 Apr 2019 18:09

Tgt Ion:138 Resp: 149560
 Ion Ratio Lower Upper
 138 100
 92 51.9 31.8 71.8
 108 77.0 57.2 97.2





#63

Azobenzene

Concen: 41.776 ng

RT: 16.00 min Scan# 2197

Delta R.T. -0.03 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 545688

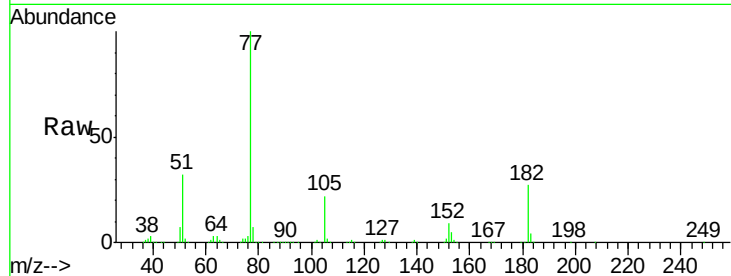
Ion Ratio Lower Upper

77 100

182 27.3 7.2 47.2

105 22.3 2.8 42.8

51 32.3 10.4 50.4

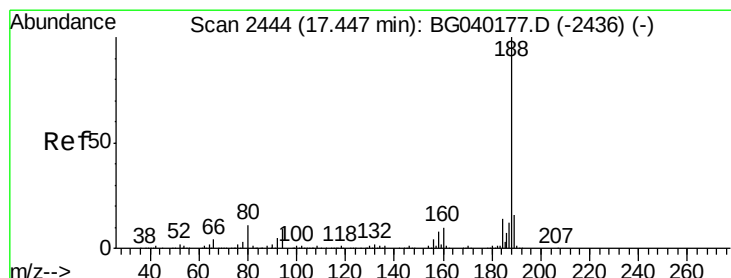
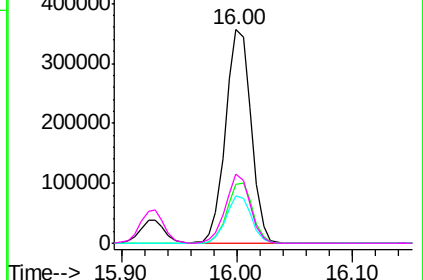
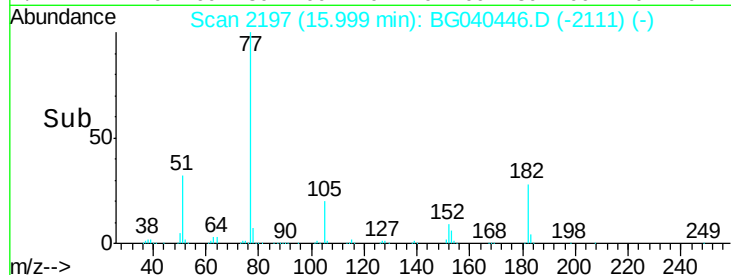


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.03 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

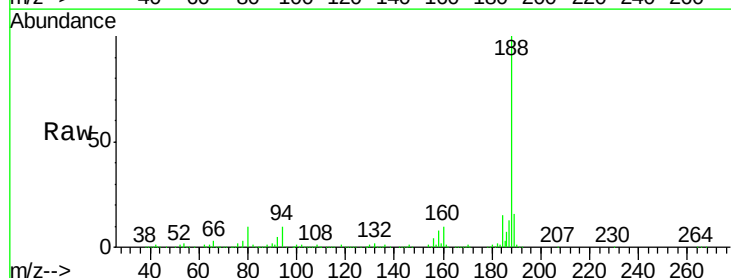
Tgt Ion: 188 Resp: 439813

Ion Ratio Lower Upper

188 100

94 9.5 7.0 10.4

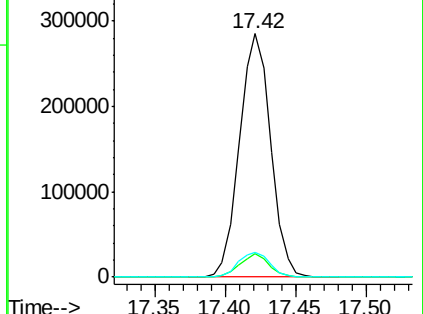
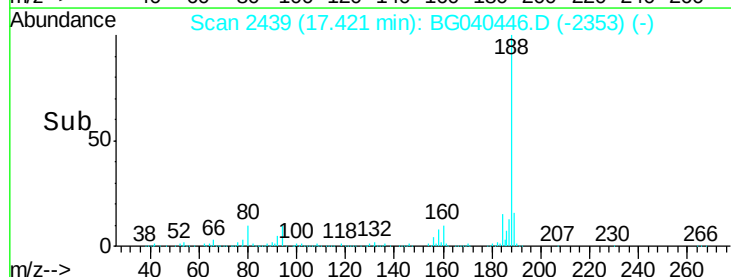
80 10.3 8.6 13.0

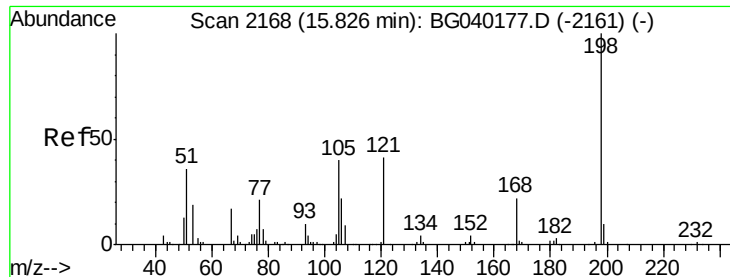


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

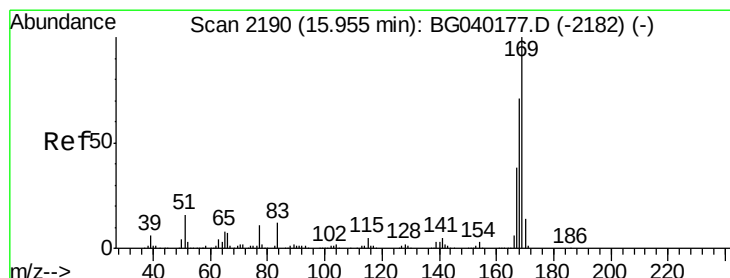
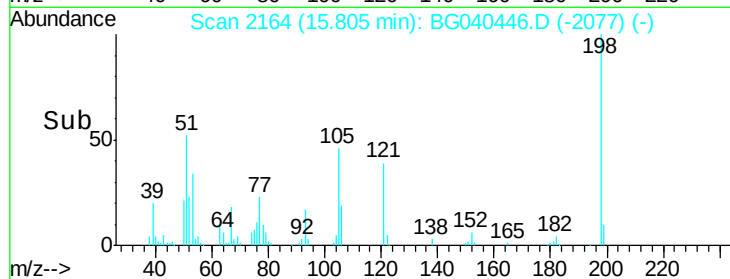
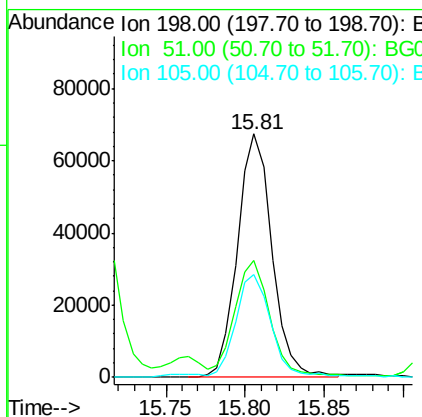
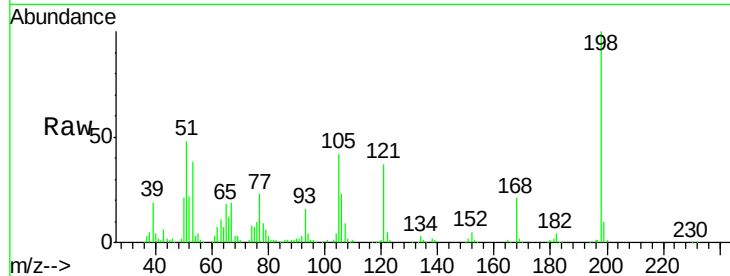




#65
4,6-Dinitro-2-methylphenol
Concen: 41.196 ng
RT: 15.81 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG040446.D
Acq: 11 Apr 2019 18:09

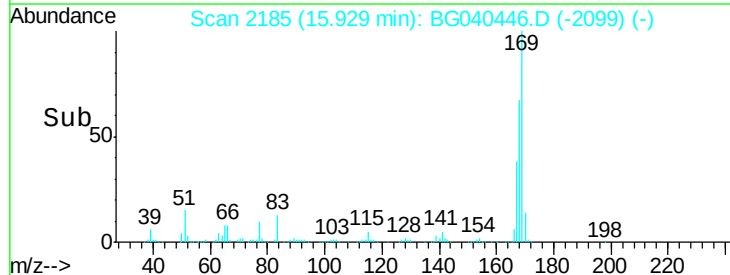
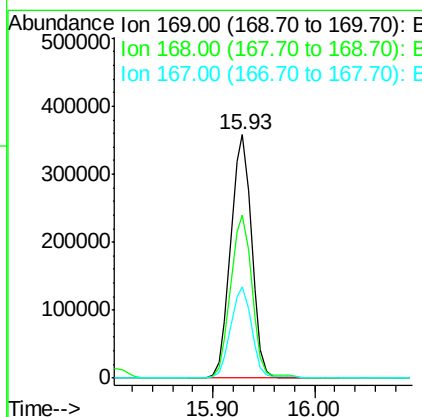
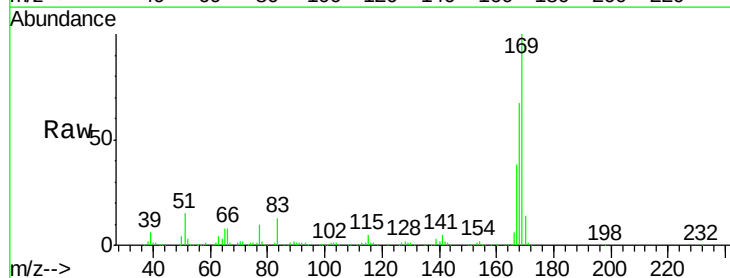
Instrument :
BNA_G
ClientSampled :

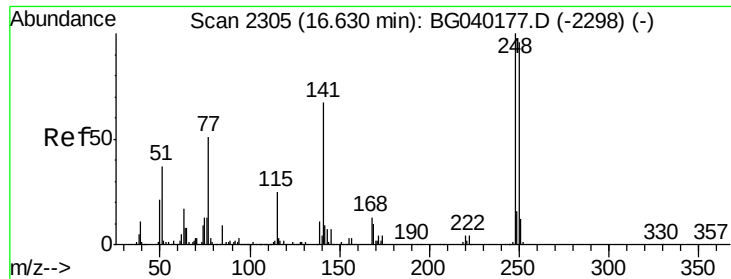
Tot Ion:198 Resp: 101792
Ion Ratio Lower Upper
198 100
51 47.8 27.3 67.3
105 42.3 21.7 61.7



#66
n-Nitrosodiphenylamine
Concen: 39.919 ng
RT: 15.93 min Scan# 2185
Delta R.T. -0.03 min
Lab File: BG040446.D
Acq: 11 Apr 2019 18:09

Tgt Ion:169 Resp: 513763
Ion Ratio Lower Upper
169 100
168 67.2 56.8 85.2
167 37.5 30.2 45.4

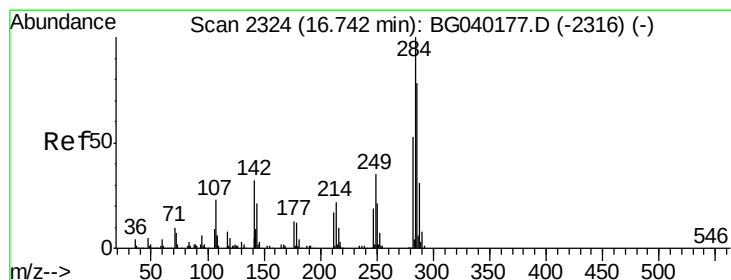
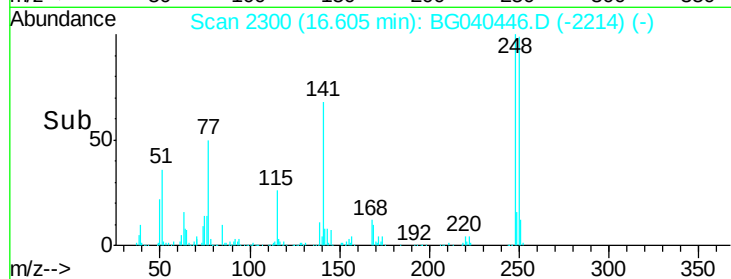
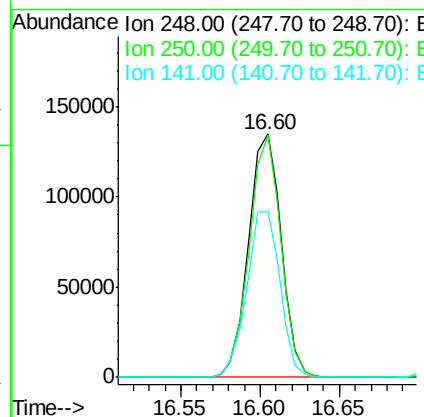
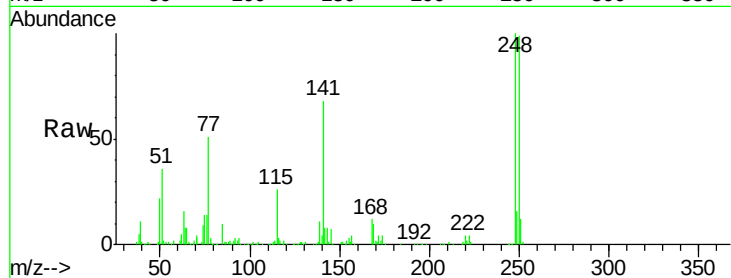




#67
4-Bromophenyl-phenylether
Concen: 39.006 ng
RT: 16.60 min Scan# 2300
Delta R.T. -0.03 min
Lab File: BG040446.D
Acq: 11 Apr 2019 18:09

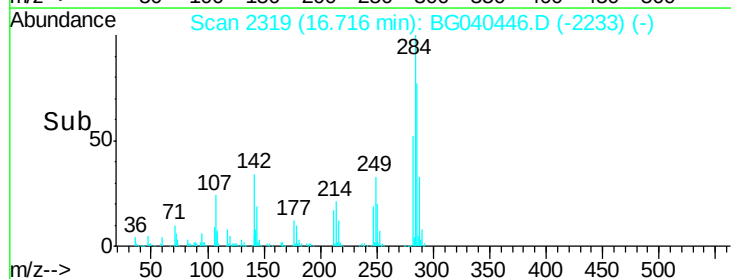
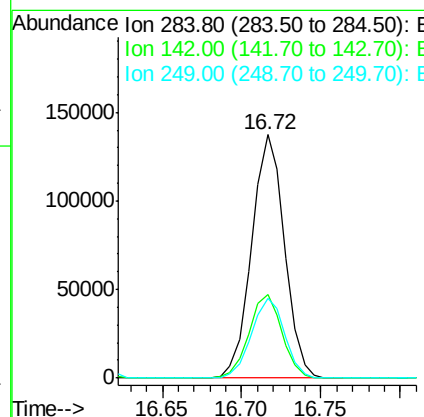
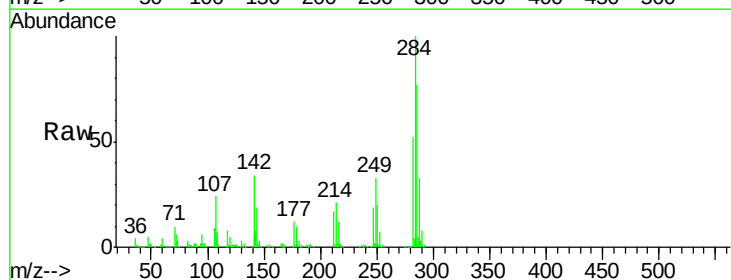
Instrument :
BNA_G
ClientSampled :

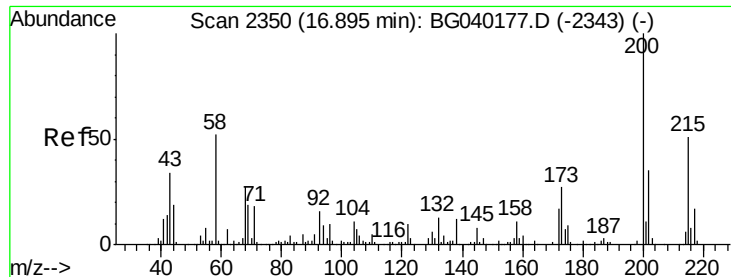
Tot Ion	Ratio	Lower	Upper
248	100		
250	99.3	76.4	114.6
141	67.9	53.8	80.8



#68
Hexachlorobenzene
Concen: 39.683 ng
RT: 16.72 min Scan# 2319
Delta R.T. -0.03 min
Lab File: BG040446.D
Acq: 11 Apr 2019 18:09

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.3	25.3	37.9
249	32.7	28.2	42.2





#69

Atrazine

Concen: 39.900 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.03 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

Instrument :

BNA_G

ClientSampleId :

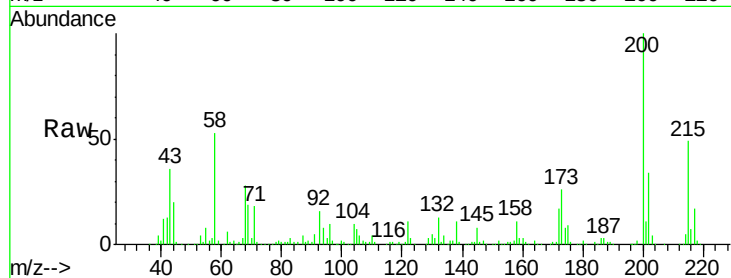
Tot Ion:200 Resp: 191027

Ion Ratio Lower Upper

200 100

173 25.7 7.1 47.1

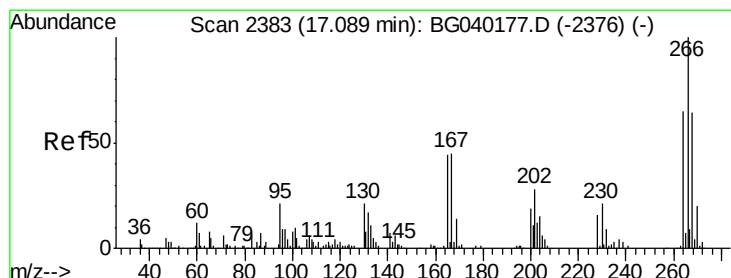
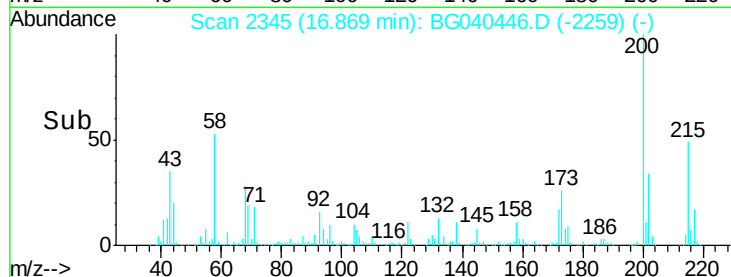
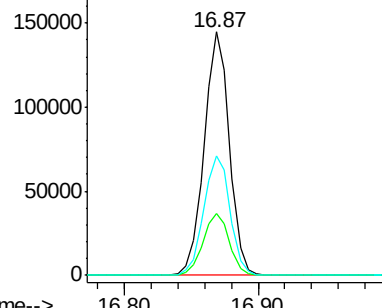
215 49.2 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 75.113 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.02 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

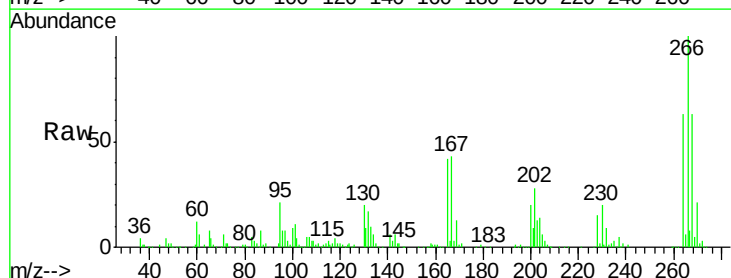
Tgt Ion:266 Resp: 216106

Ion Ratio Lower Upper

266 100

268 63.5 55.0 82.4

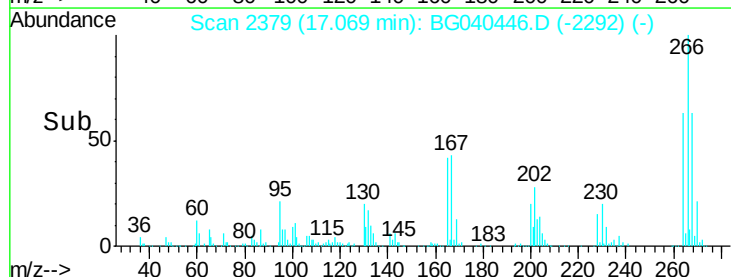
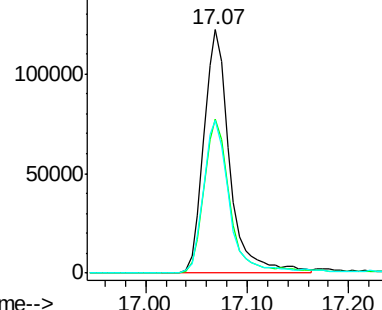
264 62.8 51.8 77.8

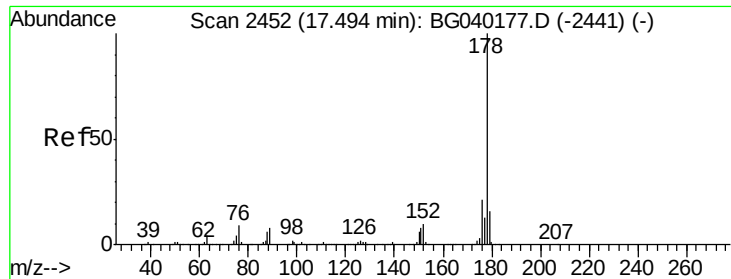


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

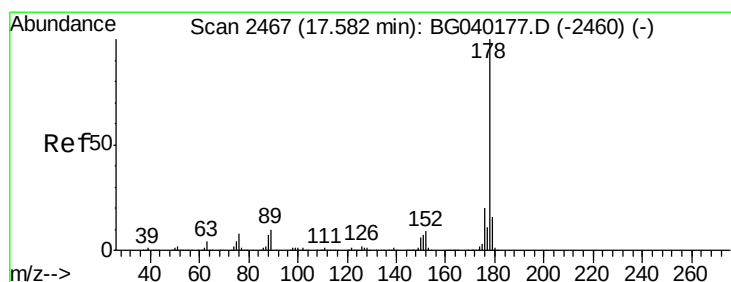
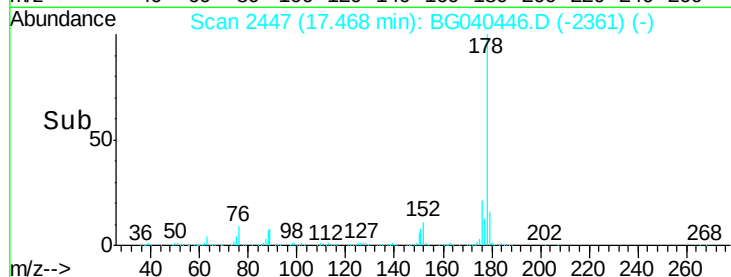
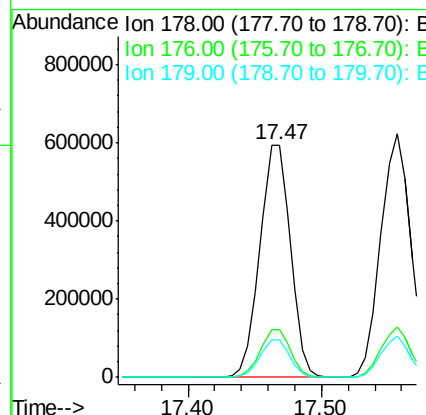
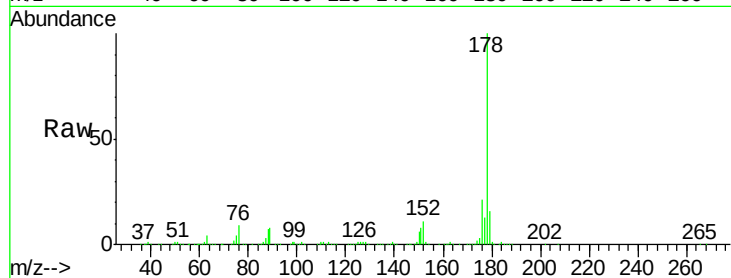




#71
Phenanthrene
Concen: 40.778 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.03 min
Lab File: BG040446.D
Acq: 11 Apr 2019 18:09

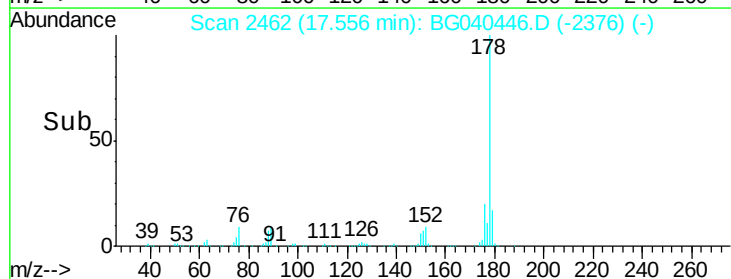
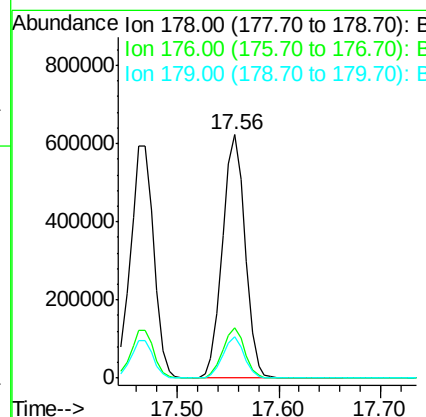
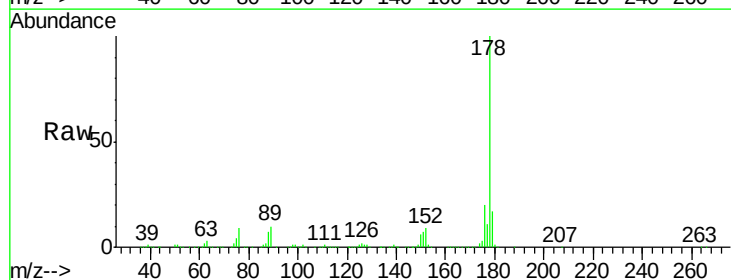
Instrument :
BNA_G
ClientSampleId :

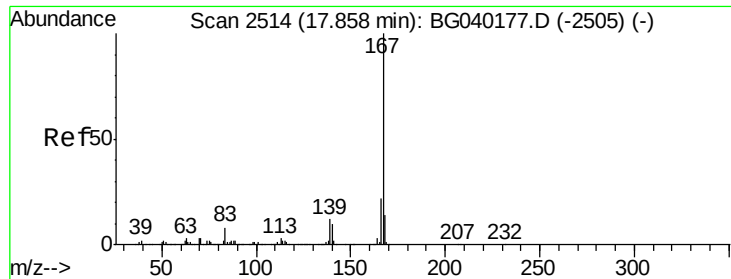
Tot Ion:178 Resp: 942679
Ion Ratio Lower Upper
178 100
176 20.7 16.7 25.1
179 16.0 12.8 19.2



#72
Anthracene
Concen: 41.628 ng
RT: 17.56 min Scan# 2462
Delta R.T. -0.03 min
Lab File: BG040446.D
Acq: 11 Apr 2019 18:09

Tgt Ion:178 Resp: 963206
Ion Ratio Lower Upper
178 100
176 20.5 15.9 23.9
179 16.8 12.9 19.3

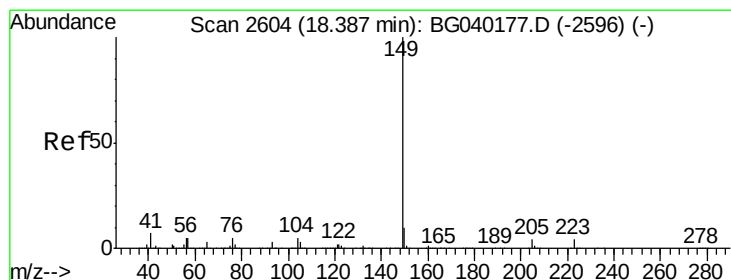
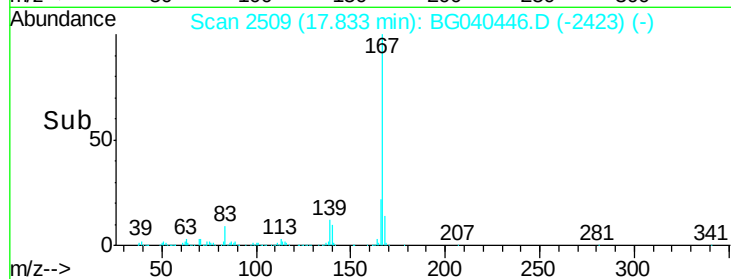
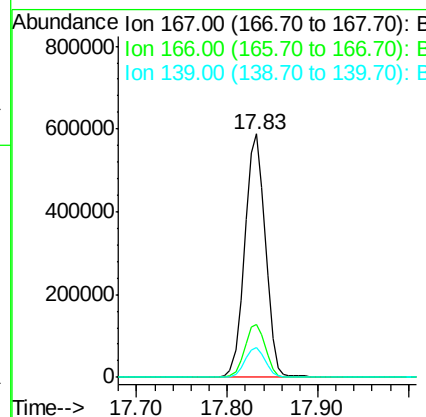
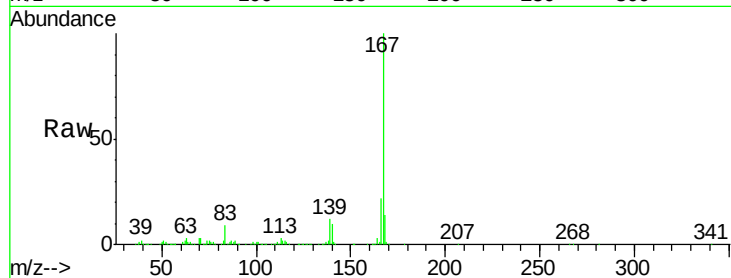




#73
 Carbazole
 Concen: 42.435 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.03 min
 Lab File: BG040446.D
 Acq: 11 Apr 2019 18:09

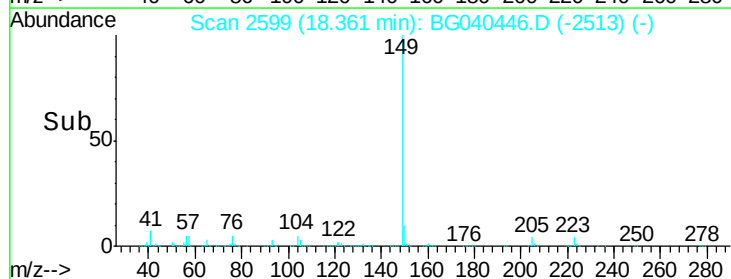
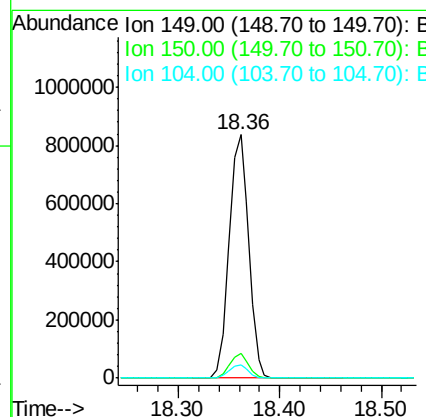
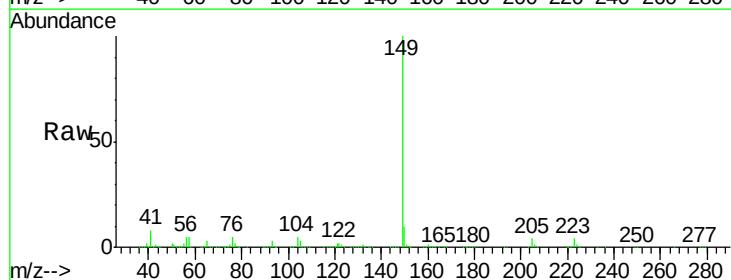
Instrument :
 BNA_G
 ClientSampleId :

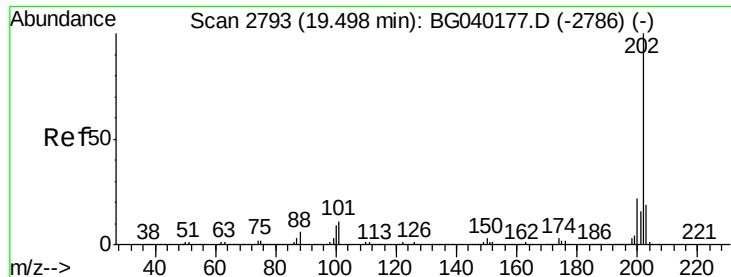
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.5	26.3
139	12.2	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 42.890 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.03 min
 Lab File: BG040446.D
 Acq: 11 Apr 2019 18:09

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.9	11.9
104	5.4	4.1	6.1





#75

Fluoranthene

Concen: 43.850 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.03 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

Instrument :

BNA_G

ClientSampleId :

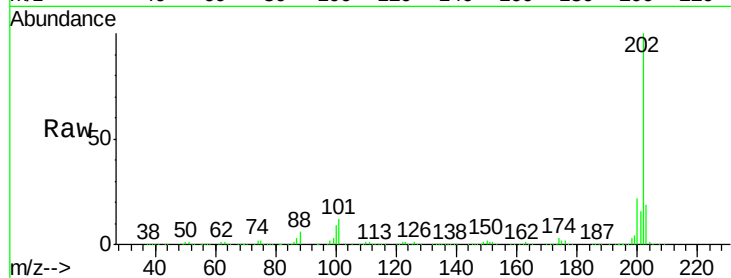
Tot Ion:202 Resp: 1200346

Ion Ratio Lower Upper

202 100

101 11.8 0.0 30.8

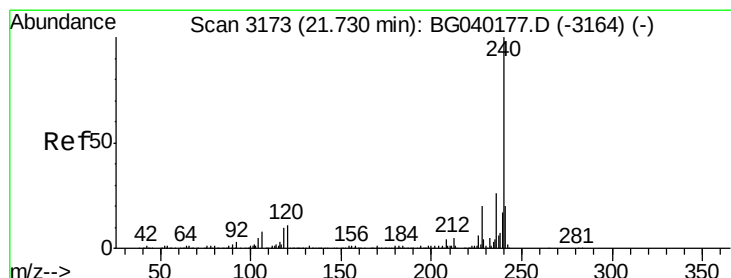
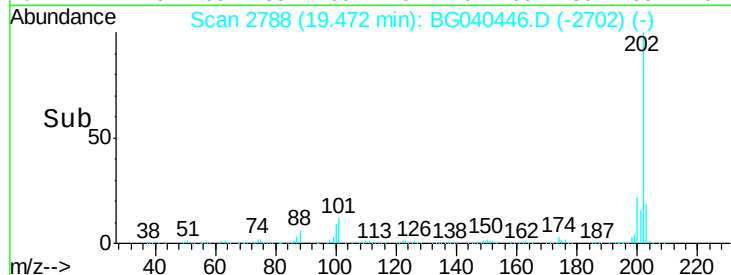
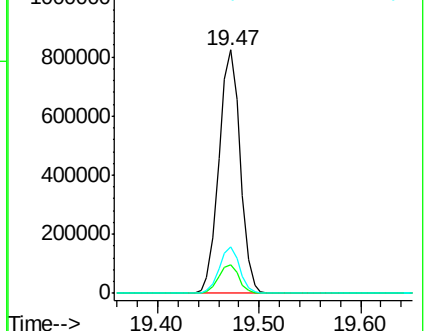
203 19.1 0.0 38.9



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: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.03 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

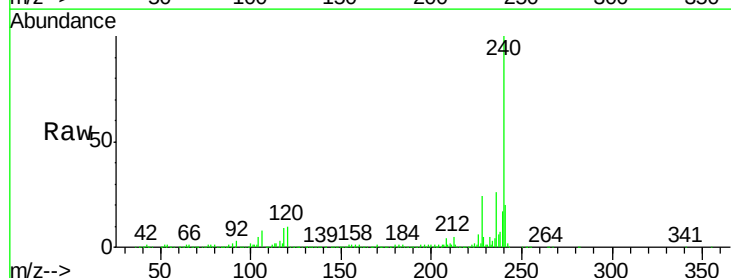
Tgt Ion:240 Resp: 463348

Ion Ratio Lower Upper

240 100

120 9.9 8.4 12.6

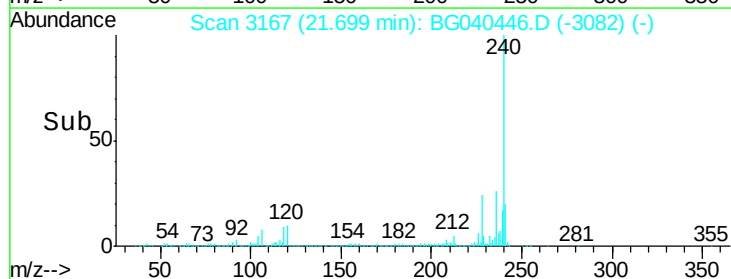
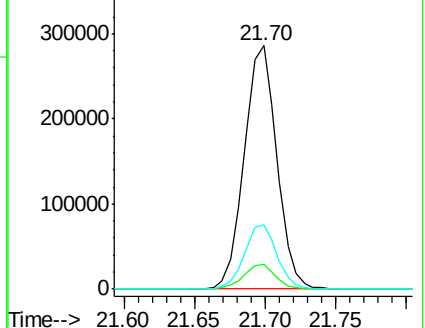
236 26.4 20.8 31.2

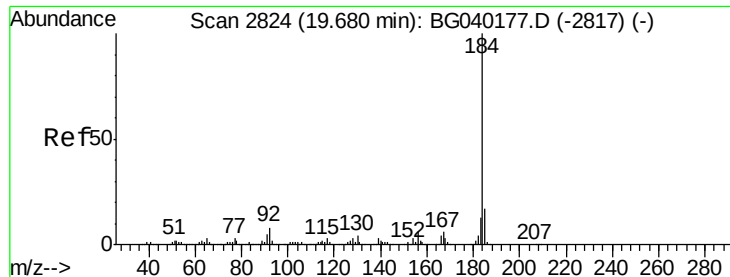


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 25.279 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.03 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

Instrument :

BNA_G

ClientSampleId :

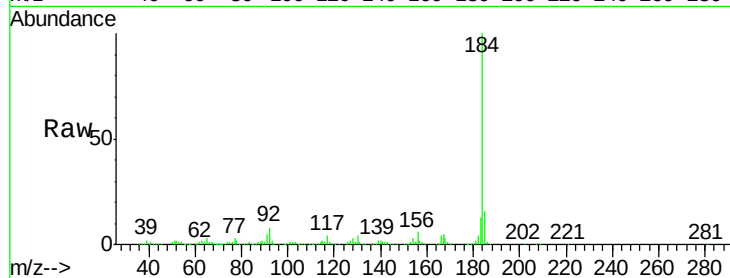
Tot Ion:184 Resp: 422975

Ion Ratio Lower Upper

184 100

185 15.5 13.3 19.9

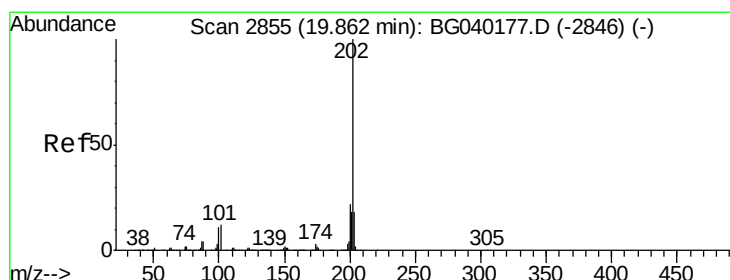
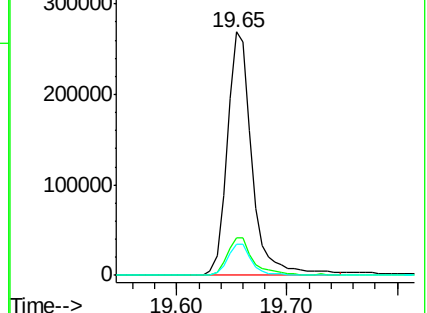
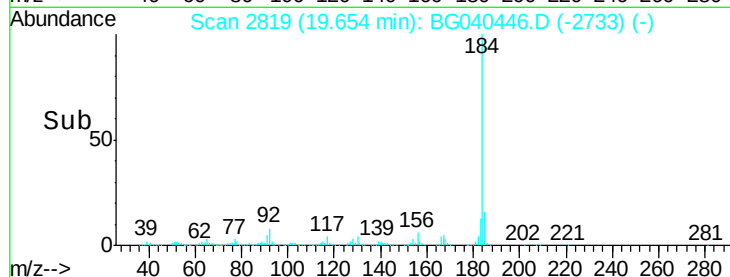
183 12.6 10.3 15.5



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: 38.817 ng

RT: 19.84 min Scan# 2850

Delta R.T. -0.03 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

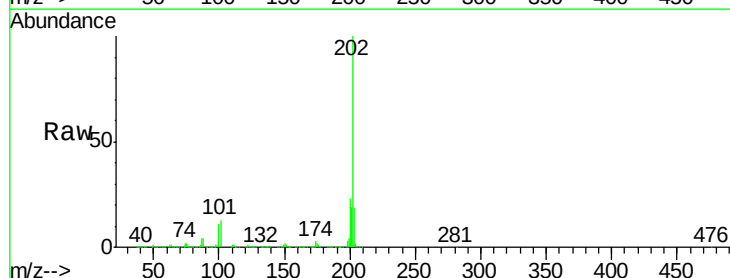
Tgt Ion:202 Resp: 1182765

Ion Ratio Lower Upper

202 100

200 22.6 17.3 25.9

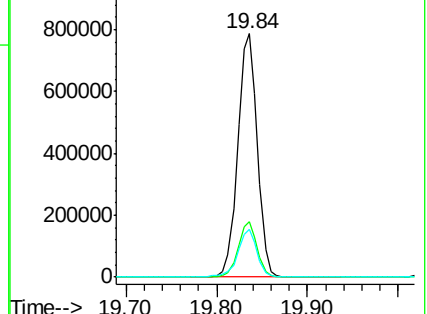
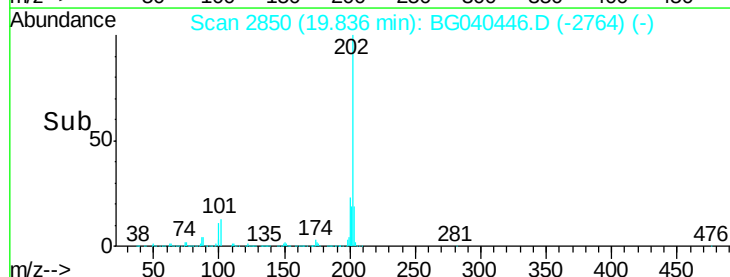
203 19.4 14.6 22.0

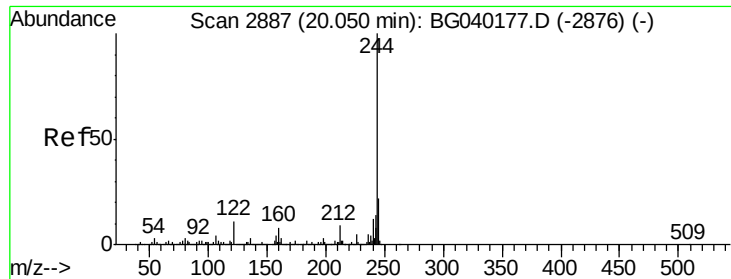


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.980 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

Instrument :

BNA_G

ClientSampleId :

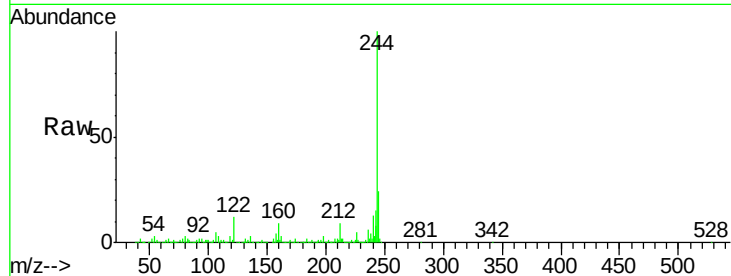
Tot Ion:244 Resp: 1667892

Ion Ratio Lower Upper

244 100

212 9.5 7.0 10.6

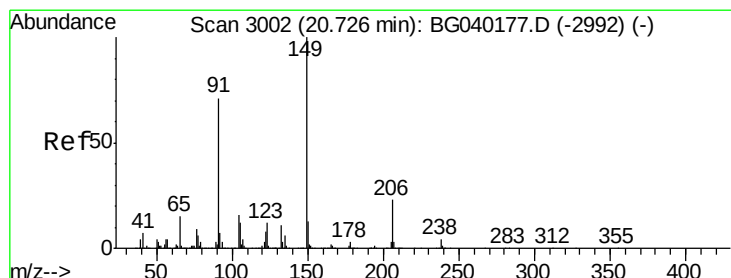
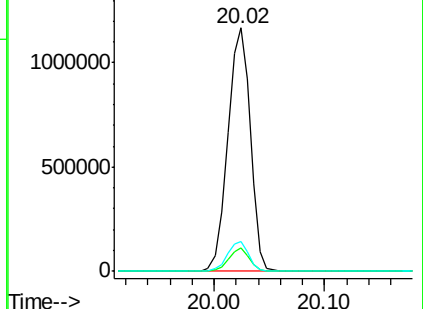
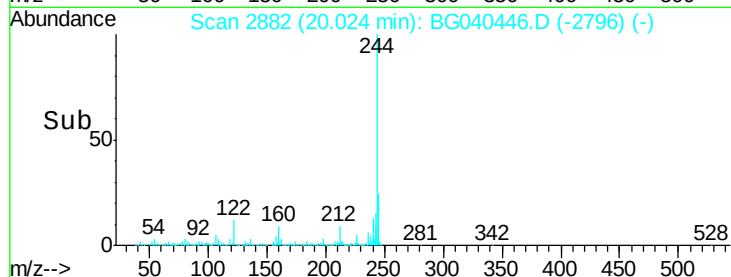
122 12.2 8.5 12.7



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: 41.515 ng

RT: 20.70 min Scan# 2997

Delta R.T. -0.03 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

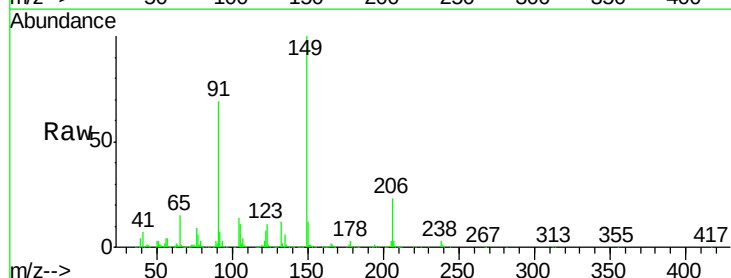
Tgt Ion:149 Resp: 541294

Ion Ratio Lower Upper

149 100

91 69.0 57.0 85.4

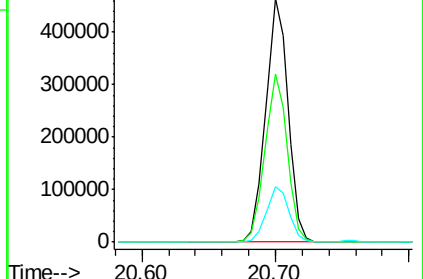
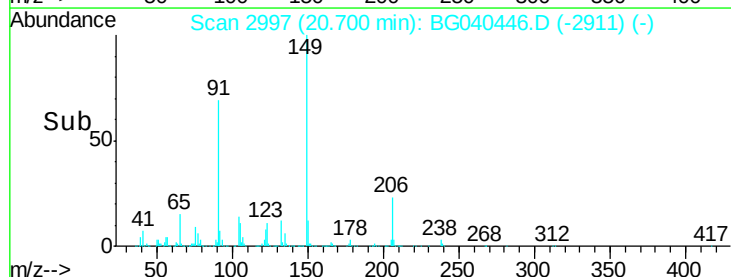
206 23.0 18.2 27.4

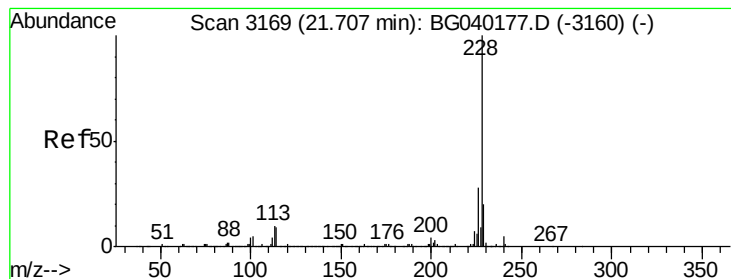


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.577 ng

RT: 21.68 min Scan# 3163

Delta R.T. -0.03 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

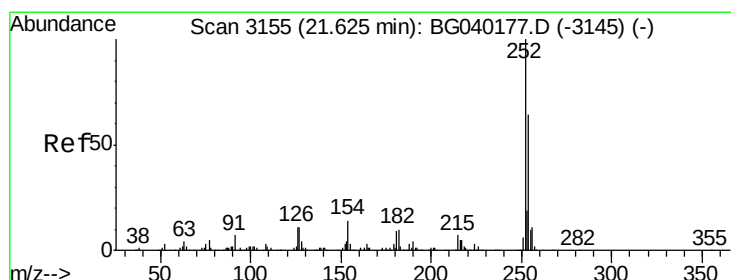
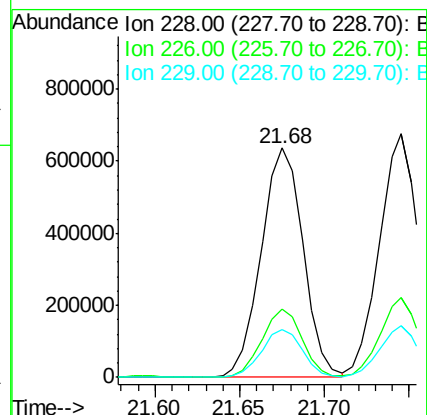
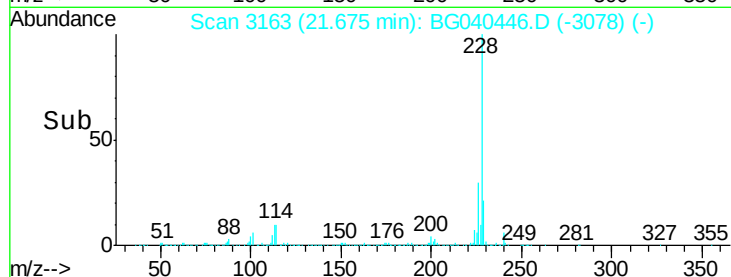
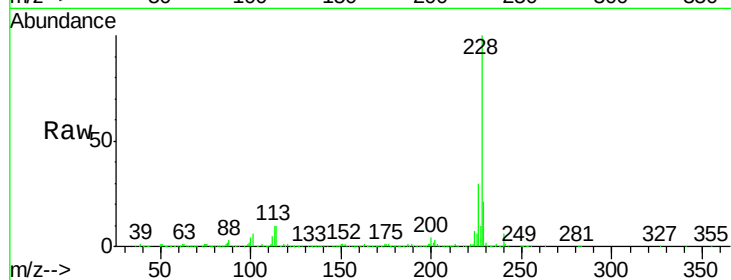
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1100966

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.6	34.0
229	21.0	16.1	24.1



#82

3,3'-Dichlorobenzidine

Concen: 29.386 ng

RT: 21.59 min Scan# 3149

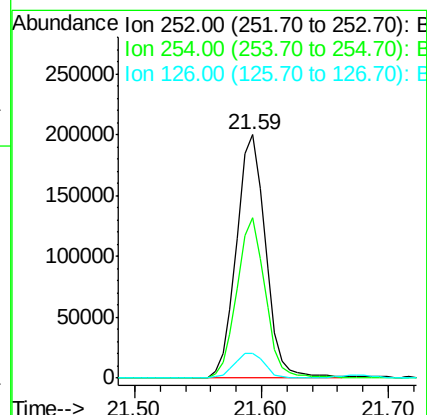
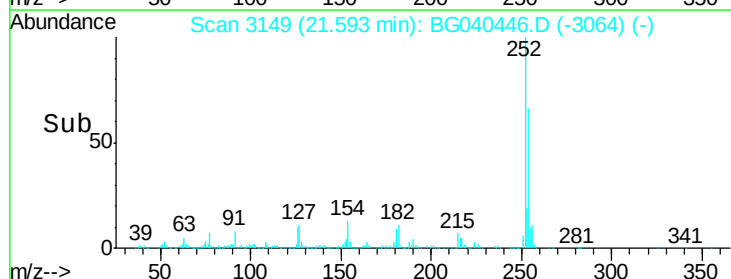
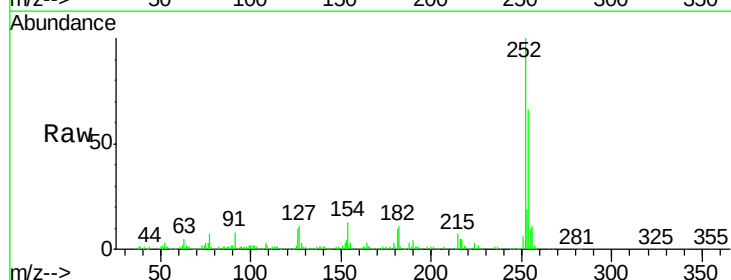
Delta R.T. -0.03 min

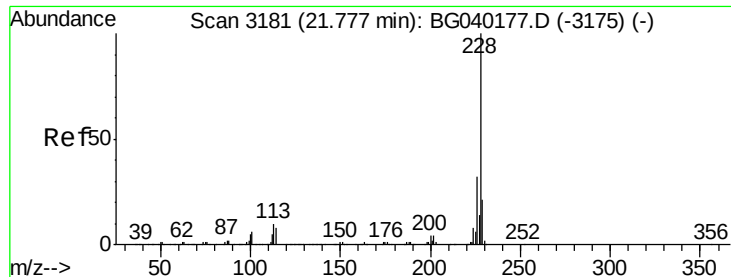
Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

Tgt Ion:252 Resp: 319028

Ion	Ratio	Lower	Upper
252	100		
254	65.8	51.4	77.2
126	10.4	8.5	12.7





#83

Chrysene

Concen: 39.833 ng

RT: 21.75 min Scan# 3175

Delta R.T. -0.03 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

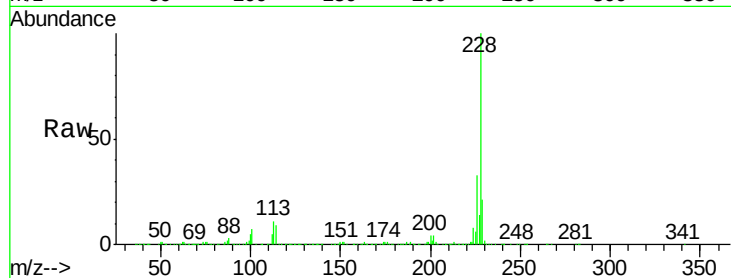
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1092557

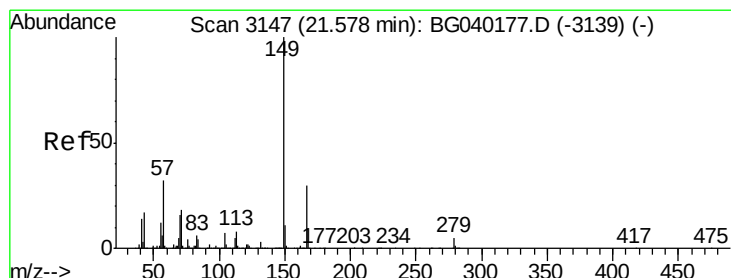
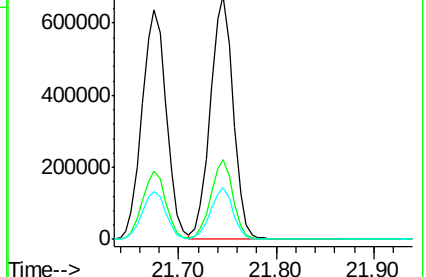
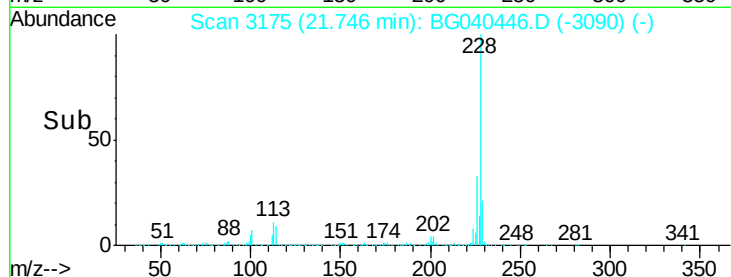
Ion	Ratio	Lower	Upper
228	100		
226	32.9	25.4	38.0
229	21.1	17.0	25.4



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.266 ng

RT: 21.55 min Scan# 3141

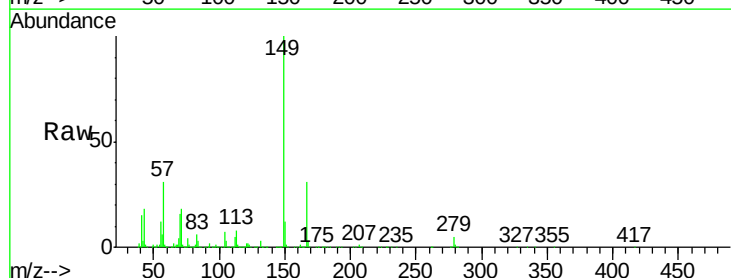
Delta R.T. -0.03 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

Tgt Ion:149 Resp: 769136

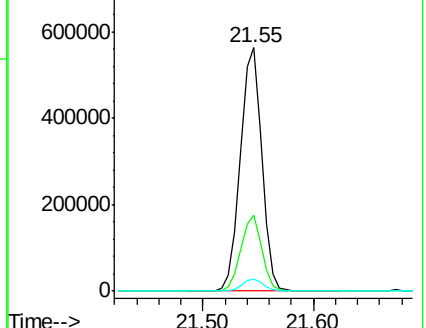
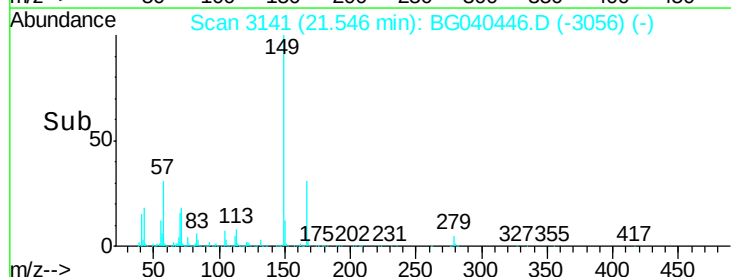
Ion	Ratio	Lower	Upper
149	100		
167	31.2	24.1	36.1
279	5.0	4.1	6.1

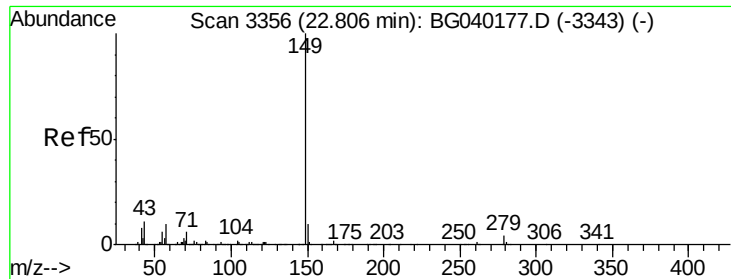


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.413 ng

RT: 22.76 min Scan# 3348

Delta R.T. -0.04 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

Instrument :

BNA_G

ClientSampleId :

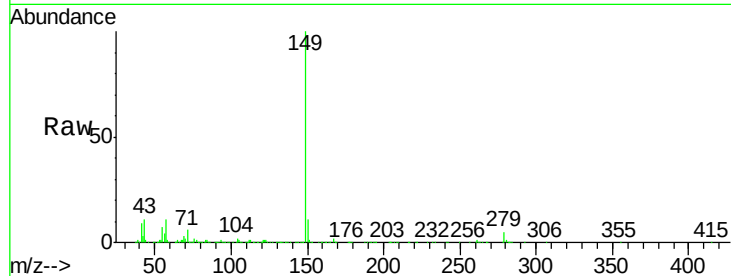
Tot Ion:149 Resp: 1315094

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

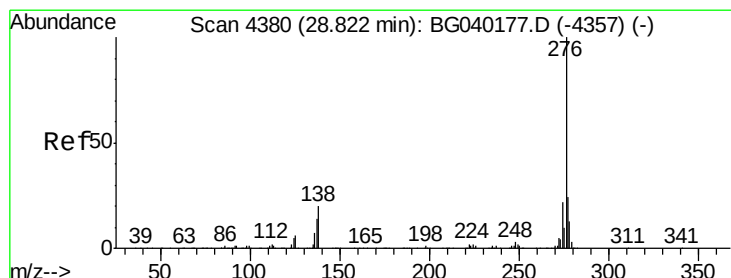
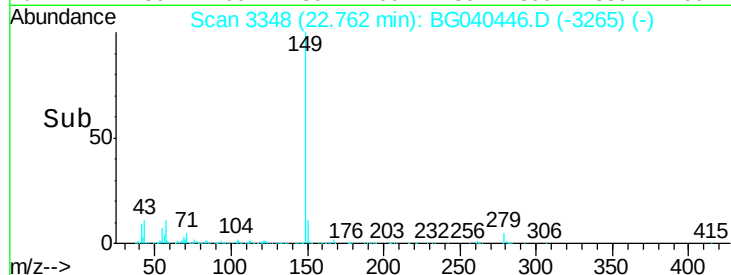
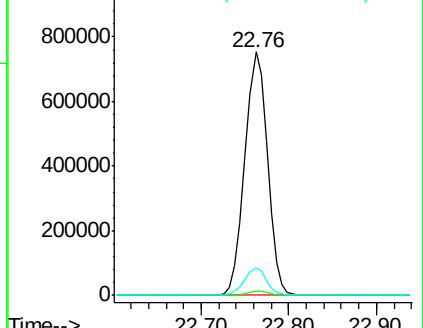
43 10.8 8.7 13.1



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): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.280 ng

RT: 28.74 min Scan# 4365

Delta R.T. -0.08 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

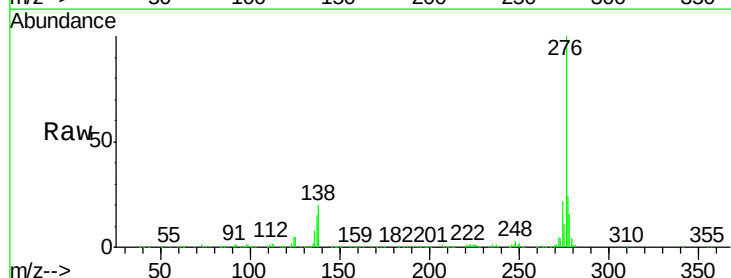
Tgt Ion:276 Resp: 1351279

Ion Ratio Lower Upper

276 100

138 24.0 18.8 28.2

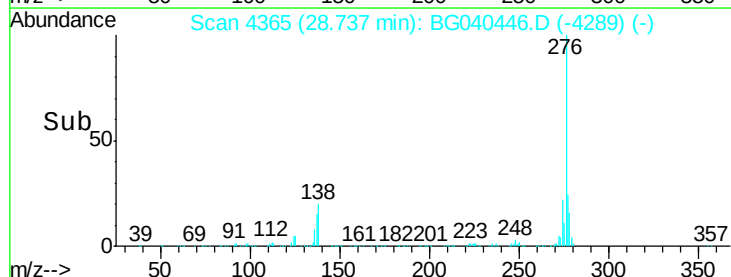
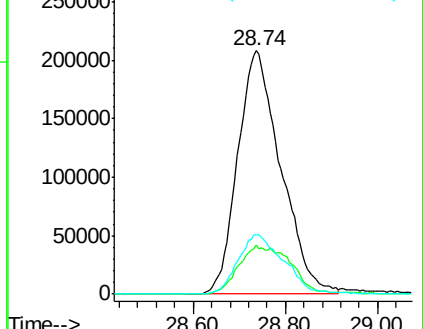
277 26.1 21.0 31.4

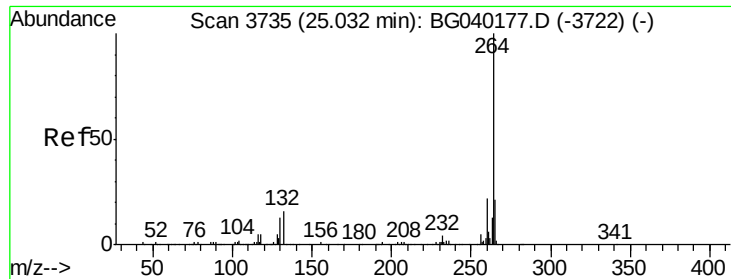


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3724

Delta R.T. -0.06 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

Instrument :

BNA_G

ClientSampleId :

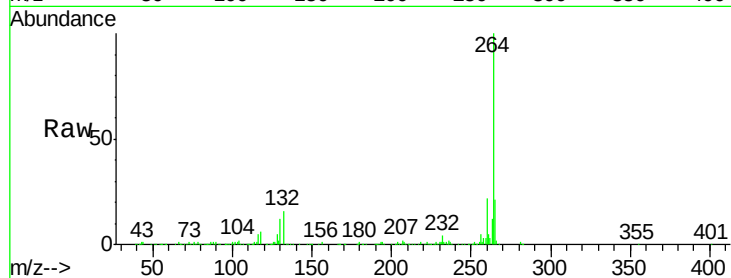
Tot Ion:264 Resp: 450920

Ion Ratio Lower Upper

264 100

260 22.1 17.9 26.9

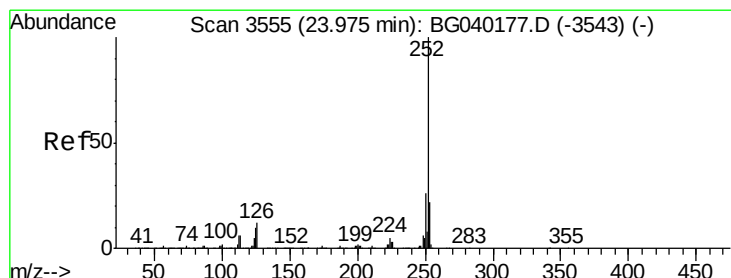
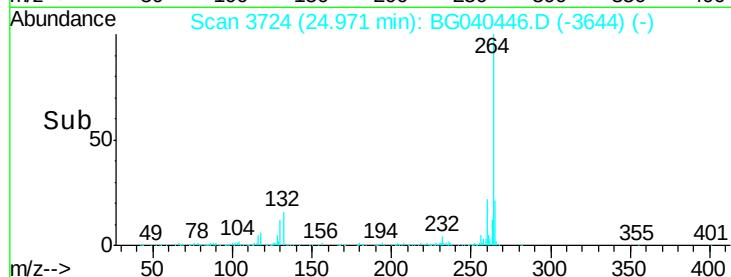
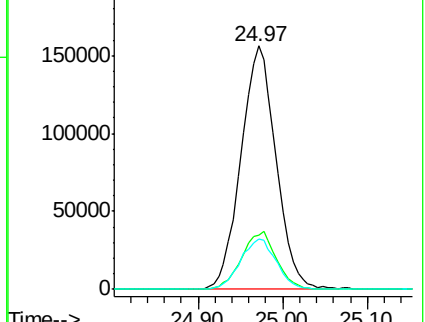
265 20.7 16.8 25.2



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: 43.744 ng

RT: 23.93 min Scan# 3546

Delta R.T. -0.05 min

Lab File: BG040446.D

Acq: 11 Apr 2019 18:09

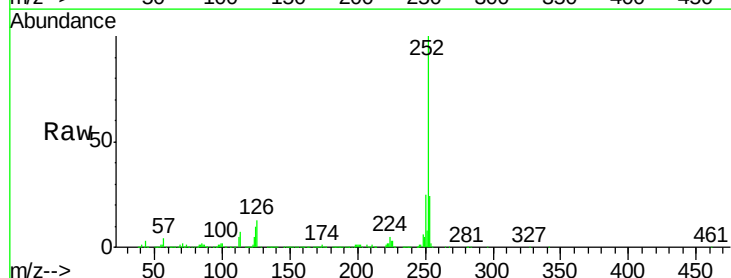
Tgt Ion:252 Resp: 1207639

Ion Ratio Lower Upper

252 100

253 23.5 17.6 26.4

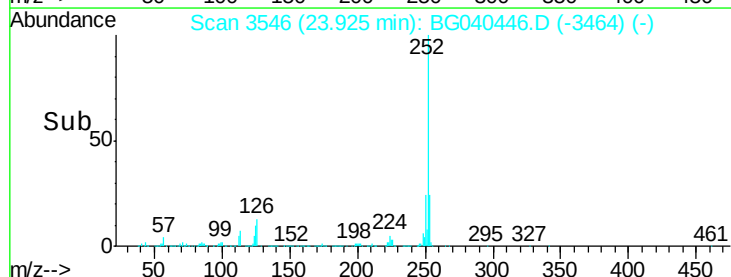
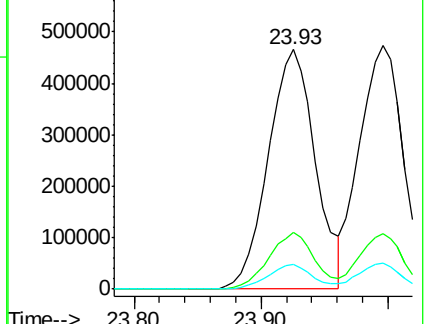
125 10.1 8.2 12.4

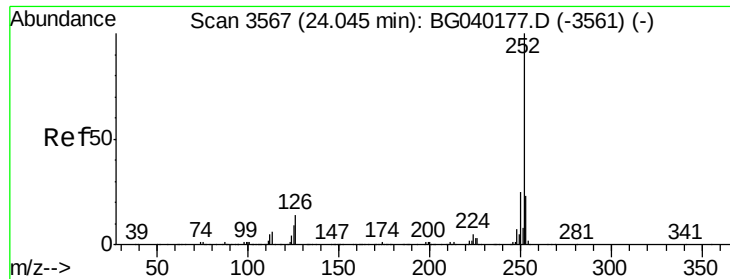


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

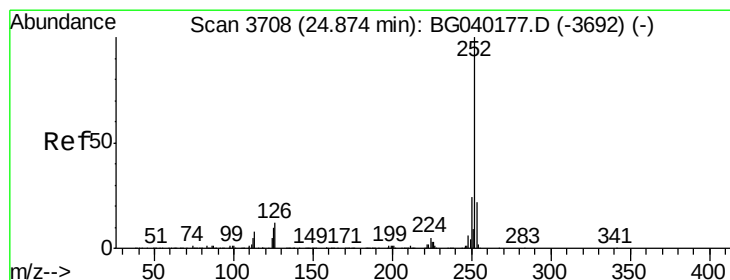
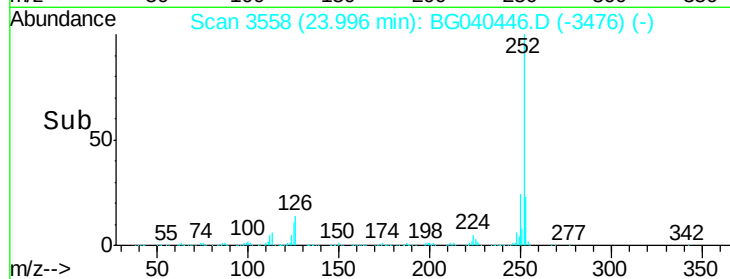
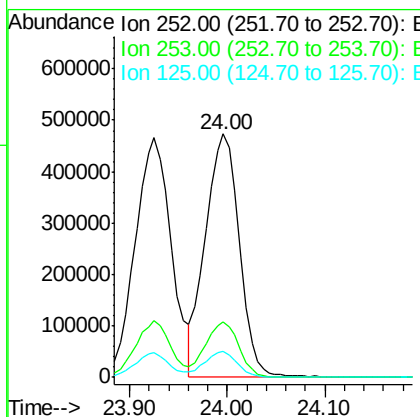
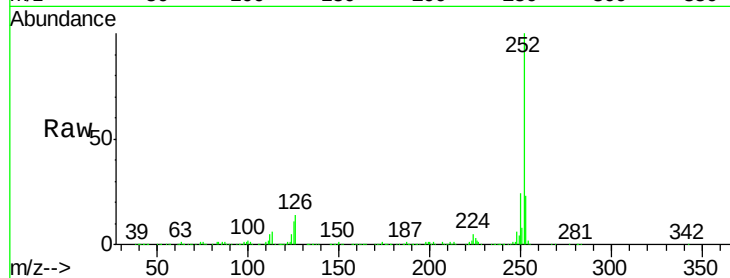




#89
Benzo(k)fluoranthene
Concen: 44.642 ng
RT: 24.00 min Scan# 3558
Delta R.T. -0.05 min
Lab File: BG040446.D
Acq: 11 Apr 2019 18:09

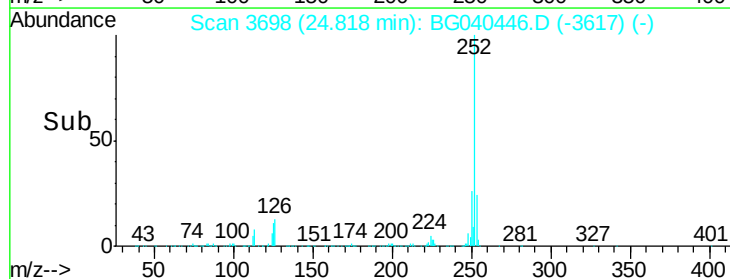
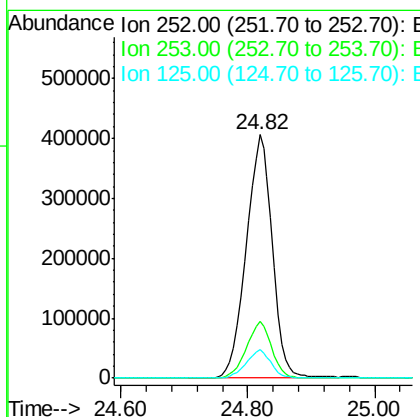
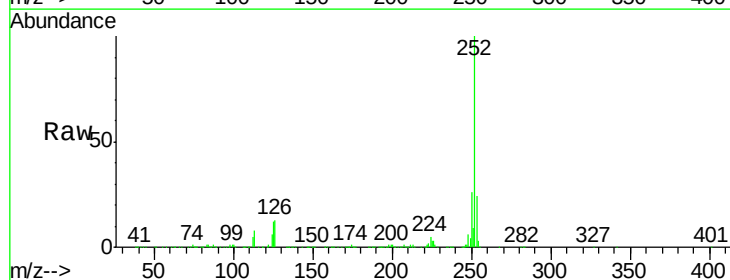
Instrument :
BNA_G
ClientSampleId :

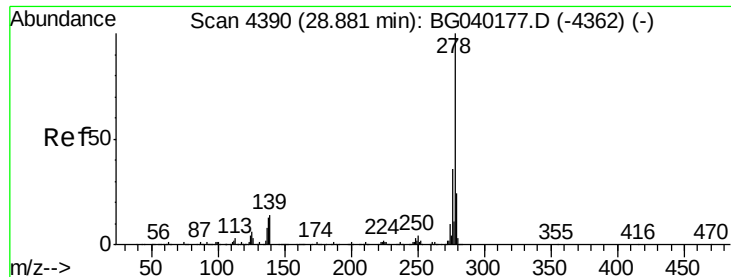
Tot Ion:252 Resp: 1133352
Ion Ratio Lower Upper
252 100
253 23.0 18.6 28.0
125 10.7 7.3 10.9



#90
Benzo(a)pyrene
Concen: 45.094 ng
RT: 24.82 min Scan# 3698
Delta R.T. -0.06 min
Lab File: BG040446.D
Acq: 11 Apr 2019 18:09

Tgt Ion:252 Resp: 1168058
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.8
125 11.6 8.3 12.5

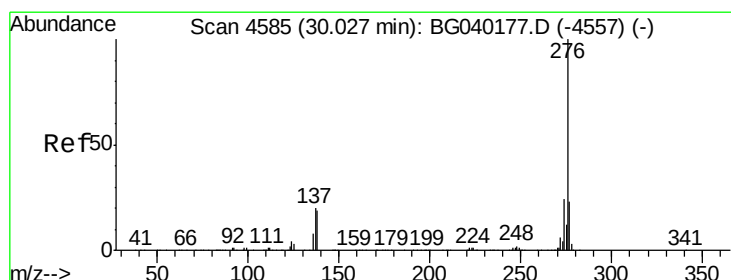
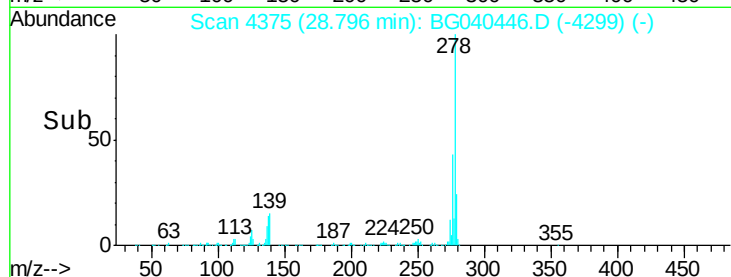
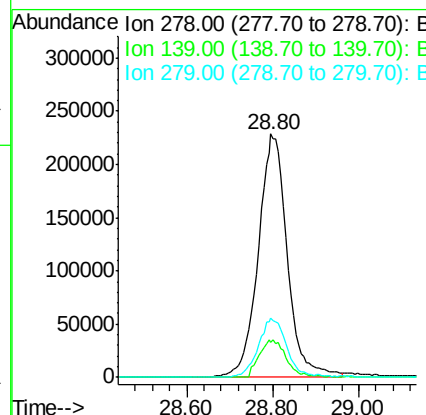
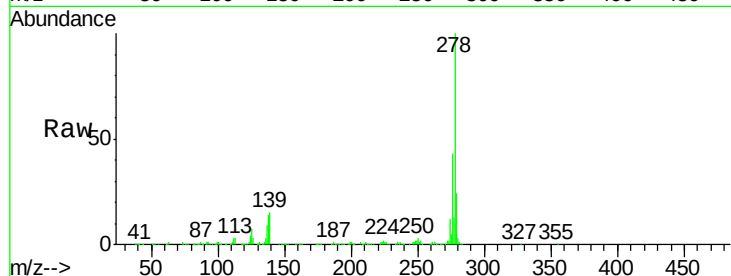




#91
Dibenzo(a,h)anthracene
Concen: 45.594 ng
RT: 28.80 min Scan# 4375
Delta R.T. -0.08 min
Lab File: BG040446.D
Acq: 11 Apr 2019 18:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1096867
Ion Ratio Lower Upper
278 100
139 14.6 11.2 16.8
279 24.3 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 45.824 ng
RT: 29.93 min Scan# 4568
Delta R.T. -0.10 min
Lab File: BG040446.D
Acq: 11 Apr 2019 18:09

Tgt Ion:276 Resp: 1132935
Ion Ratio Lower Upper
276 100
277 23.2 18.6 28.0
138 19.7 15.2 22.8

