

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041219\
 Data File : BG040467.D
 Acq On : 12 Apr 2019 18:49
 Operator : JU/SJ
 Sample : PB118836BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 12 22:42:59 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	49664	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	206172	20.00	ng	-0.02
39) Acenaphthene-d10	14.67	164	136881	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	369661	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	388582	20.00	ng	-0.04
87) Perylene-d12	24.97	264	374829	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	412660	138.13	ng	-0.02
7) Phenol-d6	7.21	99	566996	137.33	ng	-0.02
23) Nitrobenzene-d5	9.22	82	348494	89.85	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	230060	155.52	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	789128	85.42	ng	-0.02
79) Terphenyl-d14	20.02	244	1435523	83.11	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	51661	36.776	ng	98
3) Pyridine	3.89	79	121689	32.174	ng	96
4) n-Nitrosodimethylamine	3.82	42	65375	37.367	ng	# 92
6) Aniline	7.37	93	160102	29.847	ng	97
8) 2-Chlorophenol	7.61	128	142899	40.862	ng	93
9) Benzaldehyde	7.19	77	64174	22.660	ng	93
10) Phenol	7.23	94	193198	43.111	ng	96
11) bis(2-Chloroethyl)ether	7.46	93	138203	38.504	ng	98
12) 1,3-Dichlorobenzene	7.93	146	145328	38.228	ng	96
13) 1,4-Dichlorobenzene	8.08	146	149031	39.361	ng	95
14) 1,2-Dichlorobenzene	8.40	146	144071	39.789	ng	98
15) Benzyl Alcohol	8.29	79	128080	38.520	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	267632	38.851	ng	100
17) 2-Methylphenol	8.48	107	129917	41.895	ng	99
18) Hexachloroethane	9.12	117	52866	36.707	ng	95
19) n-Nitroso-di-n-propylamine	8.85	70	111850	37.785	ng	97
20) 3+4-Methylphenols	8.81	107	177676	42.294	ng	98
22) Acetophenone	8.87	105	212528	41.324	ng	# 98
24) Nitrobenzene	9.26	77	164699	41.004	ng	96
25) Isophorone	9.77	82	320124	40.111	ng	99
26) 2-Nitrophenol	9.97	139	78873	41.441	ng	97
27) 2,4-Dimethylphenol	10.02	122	151124	49.989	ng	100
28) bis(2-Chloroethoxy)methane	10.26	93	192041	40.672	ng	96
29) 2,4-Dichlorophenol	10.50	162	150421	45.840	ng	97
30) 1,2,4-Trichlorobenzene	10.71	180	148830	41.306	ng	96
31) Naphthalene	10.91	128	443838	41.999	ng	99
32) Benzoic acid	10.17	122	55448	30.356	ng	96
33) 4-Chloroaniline	11.03	127	120040	26.630	ng	98
34) Hexachlorobutadiene	11.17	225	87820	38.110	ng	96
35) Caprolactam	11.81	113	57792	44.380	ng	98
36) 4-Chloro-3-methylphenol	12.14	107	173810	46.074	ng	97
37) 2-Methylnaphthalene	12.51	142	337618	43.197	ng	98
38) 1-Methylnaphthalene	12.73	142	324344	42.795	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	171122	39.333	ng	98

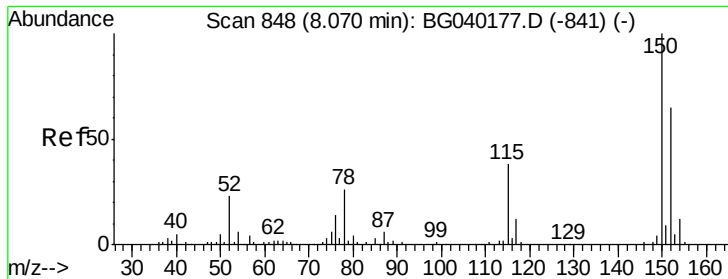
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041219\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	178902	74.893	ng	95
43) 2,4,6-Trichlorophenol	13.12	196	121601	43.352	ng	98
44) 2,4,5-Trichlorophenol	13.19	196	137774	45.064	ng	98
46) 1,1'-Biphenyl	13.51	154	438759	40.568	ng	99
47) 2-Chloronaphthalene	13.56	162	336497	40.561	ng	100
48) 2-Nitroaniline	13.77	65	123759	44.226	ng	94
49) Acenaphthylene	14.40	152	571208	40.609	ng	100
50) Dimethylphthalate	14.13	163	460161	42.954	ng	99
51) 2,6-Dinitrotoluene	14.26	165	105244	43.753	ng	97
52) Acenaphthene	14.74	154	330024	40.946	ng	98
53) 3-Nitroaniline	14.60	138	83446	32.773	ng	# 94
54) 2,4-Dinitrophenol	14.80	184	112447	87.900	ng	95
55) Dibenzofuran	15.07	168	560446	43.274	ng	100
56) 4-Nitrophenol	14.90	139	181864	88.498	ng	98
57) 2,4-Dinitrotoluene	15.04	165	152943	45.759	ng	94
58) Fluorene	15.72	166	441677	43.376	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	137413	49.530	ng	98
60) Diethylphthalate	15.48	149	492373	44.915	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	235063	43.188	ng	98
62) 4-Nitroaniline	15.76	138	127261	46.573	ng	99
63) Azobenzene	16.00	77	452085	43.720	ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	86570	41.684	ng	96
66) n-Nitrosodiphenylamine	15.93	169	428825	39.642	ng	97
67) 4-Bromophenyl-phenylether	16.60	248	160903	38.679	ng	96
68) Hexachlorobenzene	16.72	284	163590	39.111	ng	99
69) Atrazine	16.87	200	161286	40.081	ng	99
70) Pentachlorophenol	17.07	266	189842	78.507	ng	93
71) Phenanthrene	17.46	178	796219	40.979	ng	100
72) Anthracene	17.55	178	818270	42.075	ng	99
73) Carbazole	17.83	167	785430	42.674	ng	100
74) Di-n-butylphthalate	18.36	149	953291	43.695	ng	99
75) Fluoranthene	19.47	202	1015200	44.124	ng	99
77) Benzidine	19.66	184	364538	25.979	ng	99
78) Pyrene	19.83	202	1006571	39.391	ng	99
80) Butylbenzylphthalate	20.70	149	460520	42.115	ng	97
81) Benzo(a)anthracene	21.67	228	931661	38.925	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	263777	28.971	ng	99
83) Chrysene	21.74	228	917004	39.865	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	660517	42.257	ng	100
85) Di-n-octyl phthalate	22.76	149	1141309	42.856	ng	99
86) Indeno(1,2,3-cd)pyrene	28.72	276	1136527	40.397	ng	# 88
88) Benzo(b)fluoranthene	23.92	252	1012284	44.111	ng	98
89) Benzo(k)fluoranthene	23.99	252	951107	45.068	ng	99
90) Benzo(a)pyrene	24.82	252	986854	45.833	ng	99
91) Dibenzo(a,h)anthracene	28.79	278	930274	46.519	ng	99
92) Benzo(g,h,i)perylene	29.92	276	921644	44.845	ng	97

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

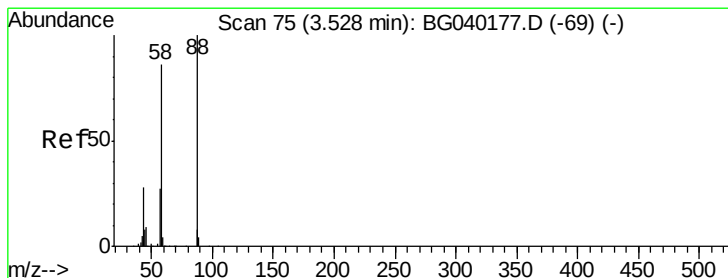
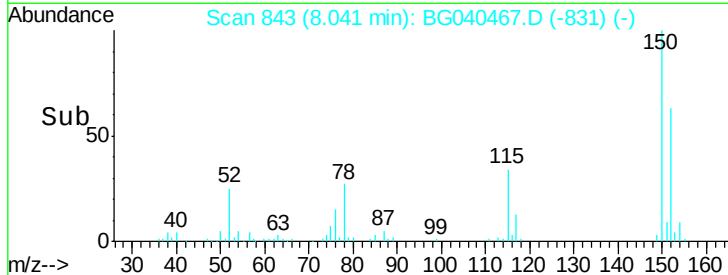
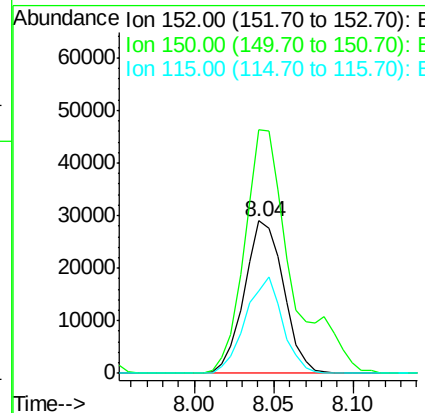
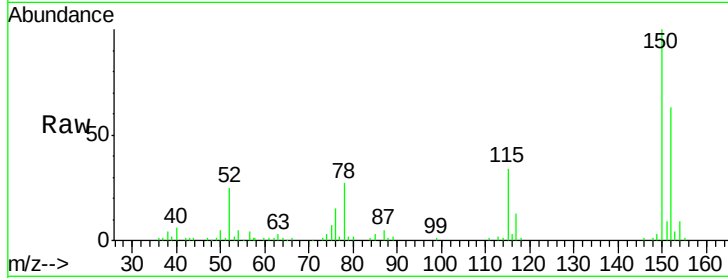


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040467.D
Acq: 12 Apr 2019 18:49

Instrument :
BNA_G
ClientSampleId :

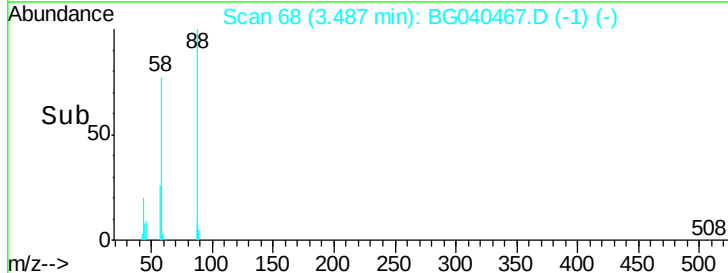
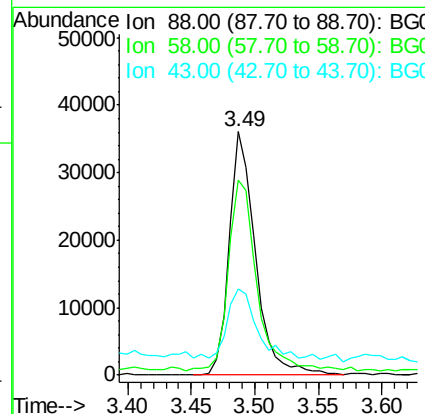
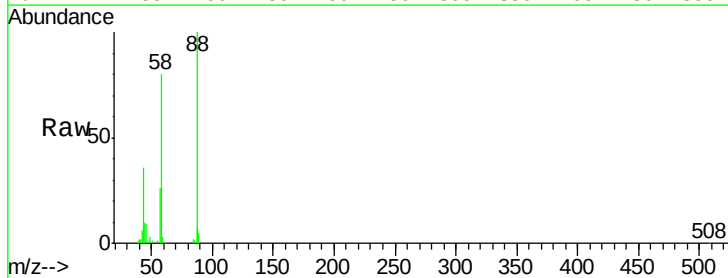
Tot Ion:152 Resp: 49664
Ion Ratio Lower Upper
152 100
150 159.9 123.7 185.5
115 54.4 46.9 70.3

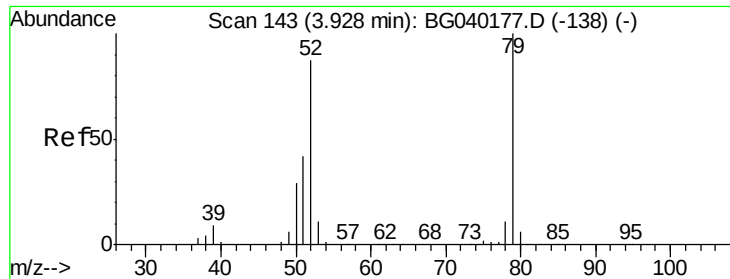


#2

1,4-Dioxane
Concen: 36.776 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.04 min
Lab File: BG040467.D
Acq: 12 Apr 2019 18:49

Tgt Ion: 88 Resp: 51661
Ion Ratio Lower Upper
88 100
58 85.7 70.6 106.0
43 31.3 24.8 37.2





#3

Pvridine

Concen: 32.174 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.04 min

Lab File: BG040467.D

Acq: 12 Apr 2019 18:49

Instrument :

BNA_G

ClientSampleId :

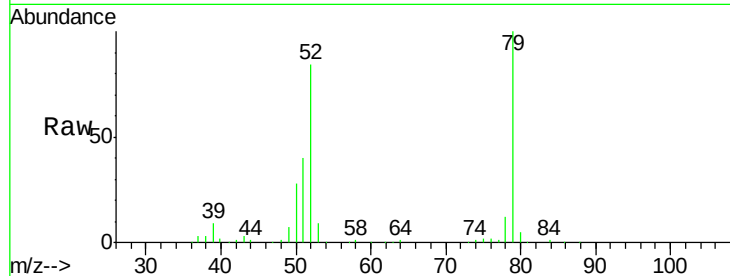
Tot Ion: 79 Resp: 121689

Ion Ratio Lower Upper

79 100

52 83.5 69.8 104.8

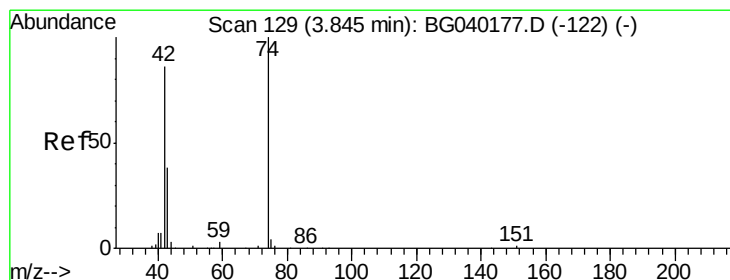
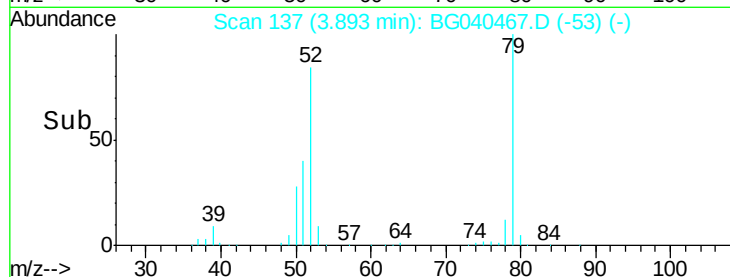
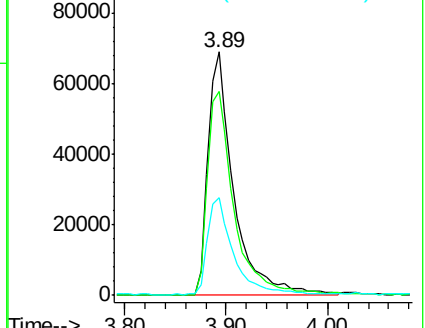
51 40.2 33.9 50.9



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 37.367 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.03 min

Lab File: BG040467.D

Acq: 12 Apr 2019 18:49

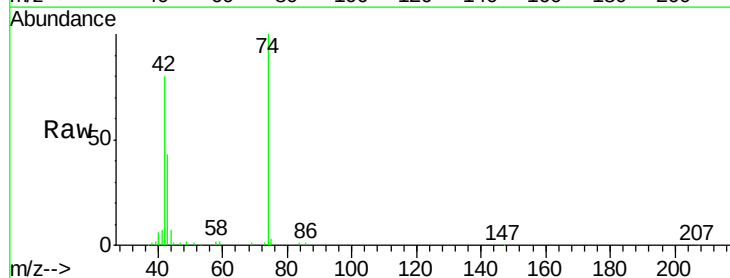
Tgt Ion: 42 Resp: 65375

Ion Ratio Lower Upper

42 100

74 124.5 92.9 139.3

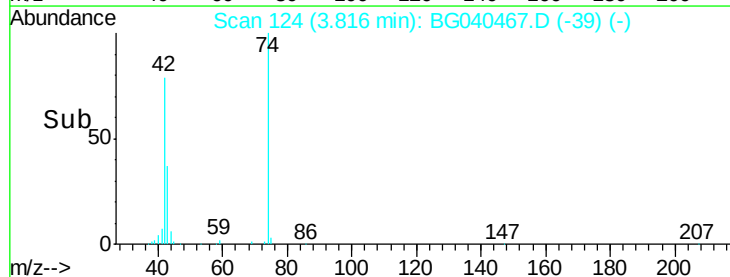
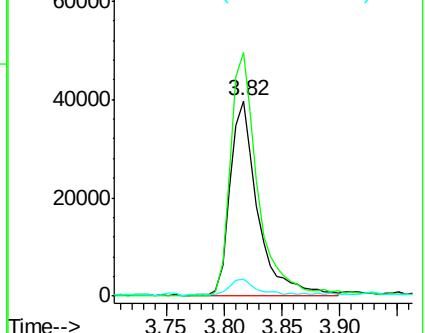
44 8.6 9.7 14.5#

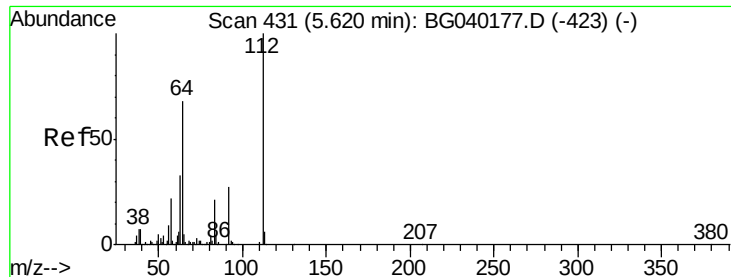


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 138.130 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.02 min

Lab File: BG040467.D

Acq: 12 Apr 2019 18:49

Instrument :

BNA_G

ClientSampleId :

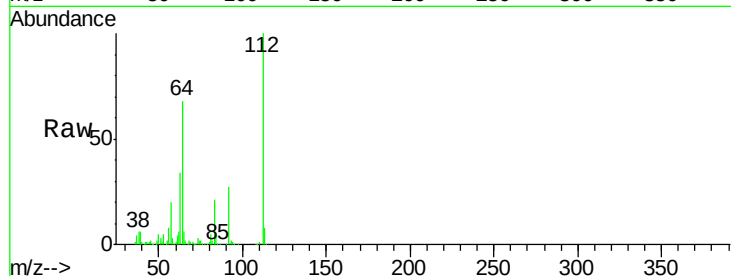
Tot Ion:112 Resp: 412660

Ion Ratio Lower Upper

112 100

64 68.5 54.2 81.2

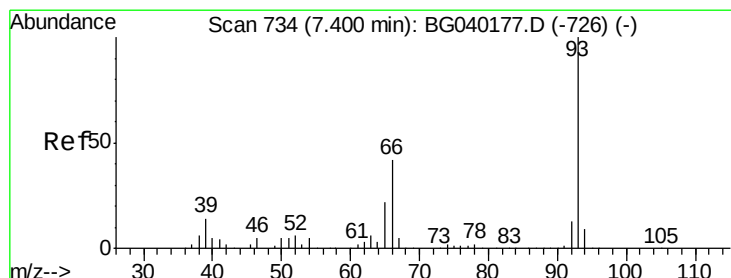
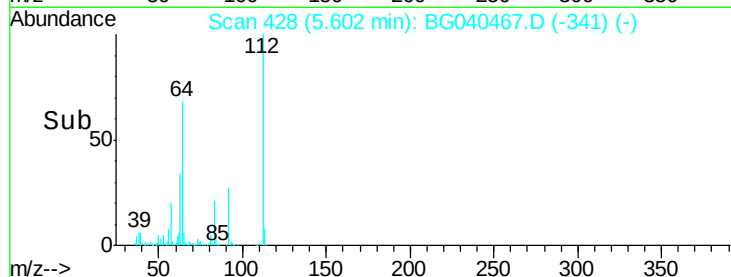
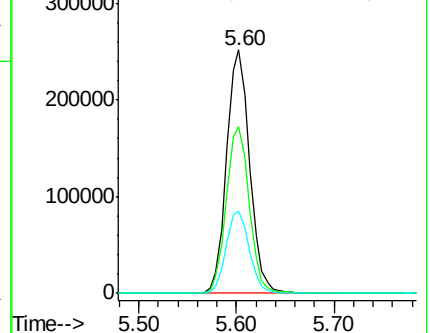
63 33.8 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 29.847 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.03 min

Lab File: BG040467.D

Acq: 12 Apr 2019 18:49

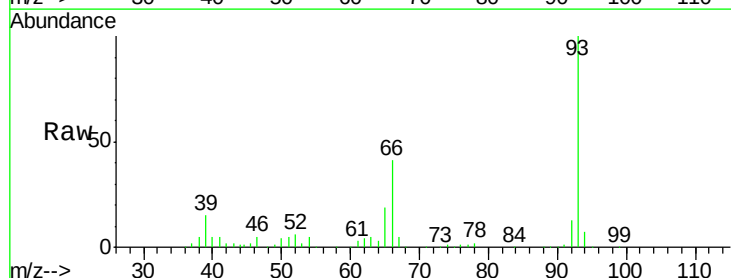
Tgt Ion: 93 Resp: 160102

Ion Ratio Lower Upper

93 100

66 41.0 33.6 50.4

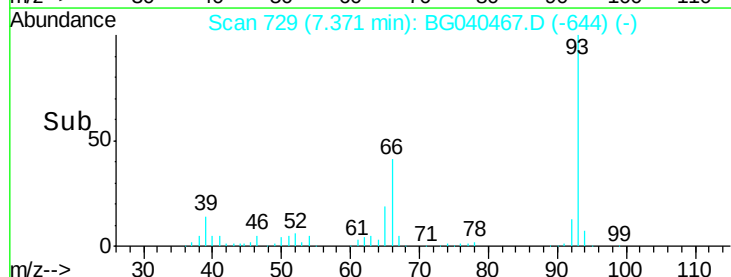
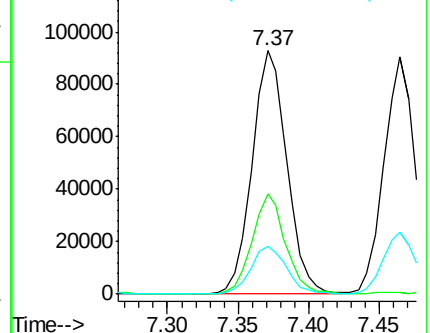
65 19.5 17.4 26.2

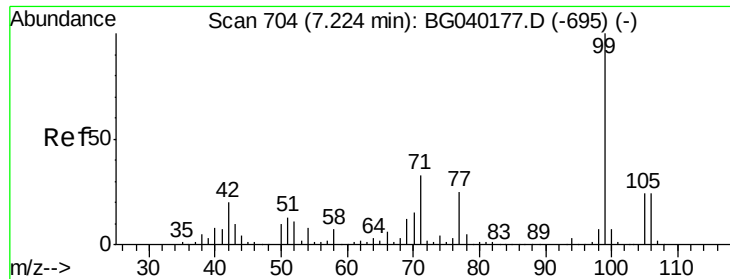


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 137.330 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040467.D

Acq: 12 Apr 2019 18:49

Instrument :

BNA_G

ClientSampleId :

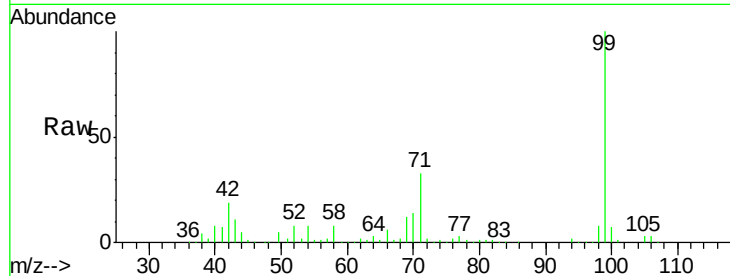
Tot Ion: 99 Resp: 566996

Ion Ratio Lower Upper

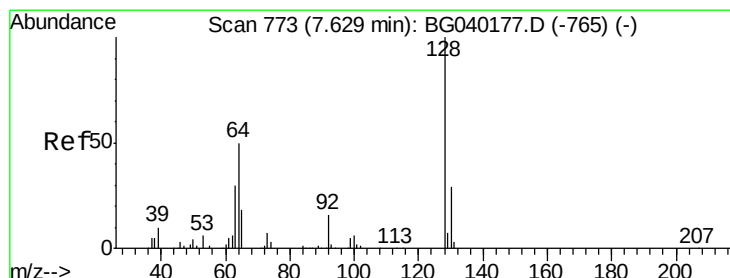
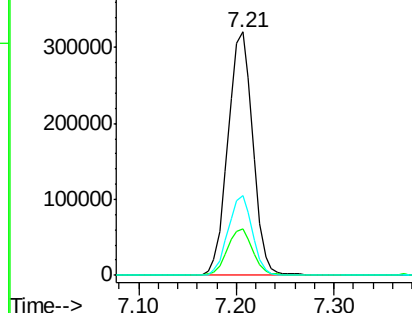
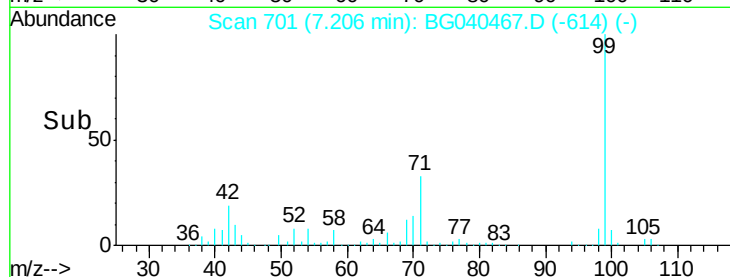
99 100

42 18.9 16.2 24.2

71 32.6 26.8 40.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 40.862 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG040467.D

Acq: 12 Apr 2019 18:49

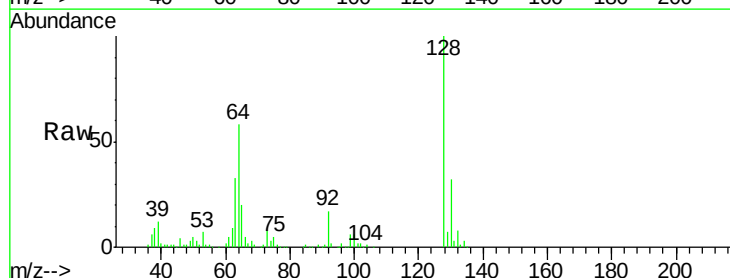
Tgt Ion: 128 Resp: 142899

Ion Ratio Lower Upper

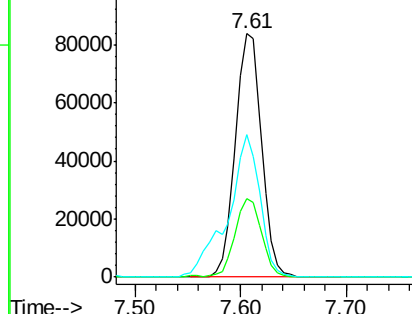
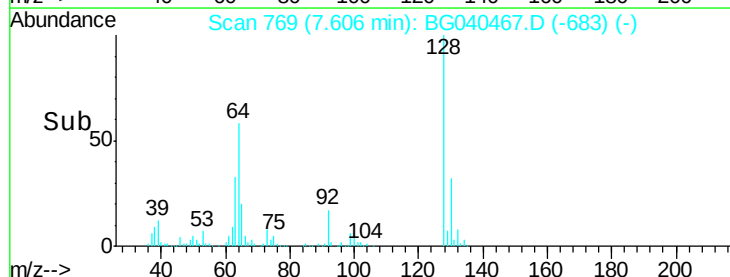
128 100

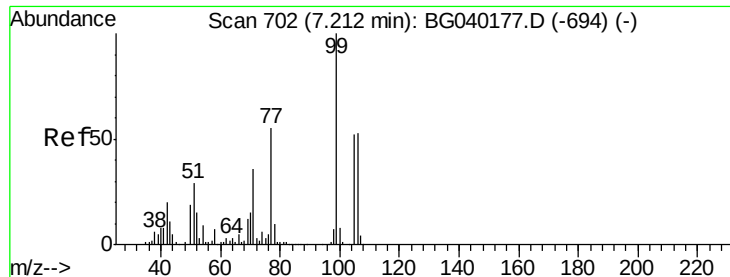
130 32.0 9.1 49.1

64 58.3 33.1 73.1



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 22.660 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BG040467.D

Acq: 12 Apr 2019 18:49

Instrument :

BNA_G

ClientSampled :

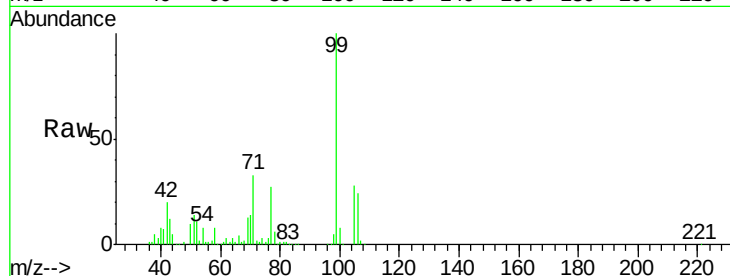
Tot Ion: 77 Resp: 64174

Ion Ratio Lower Upper

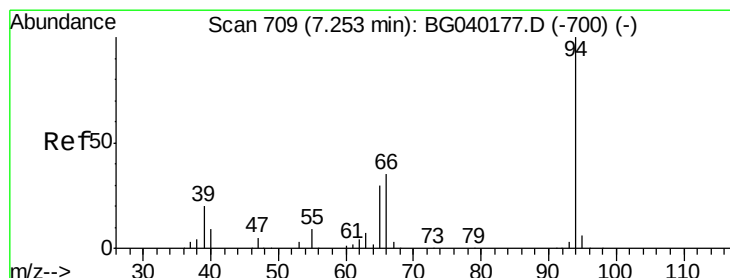
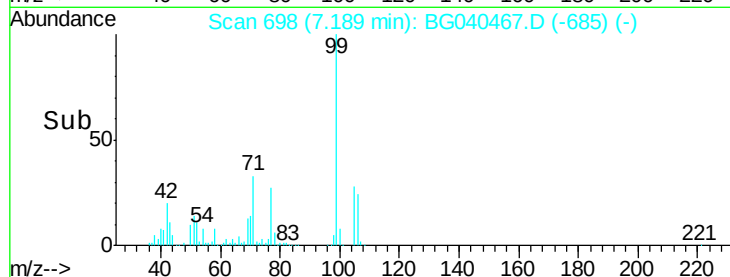
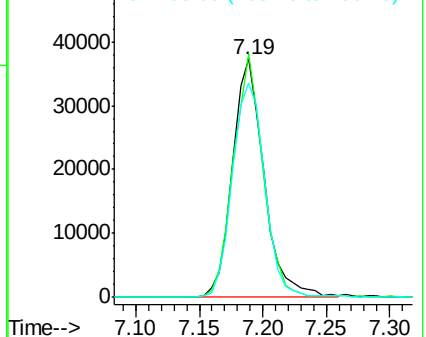
77 100

105 102.3 75.0 115.0

106 89.9 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: 43.111 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.02 min

Lab File: BG040467.D

Acq: 12 Apr 2019 18:49

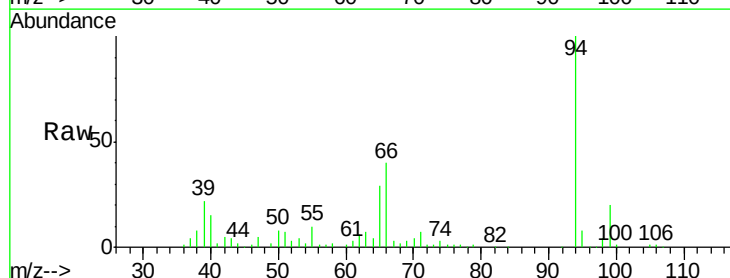
Tgt Ion: 94 Resp: 193198

Ion Ratio Lower Upper

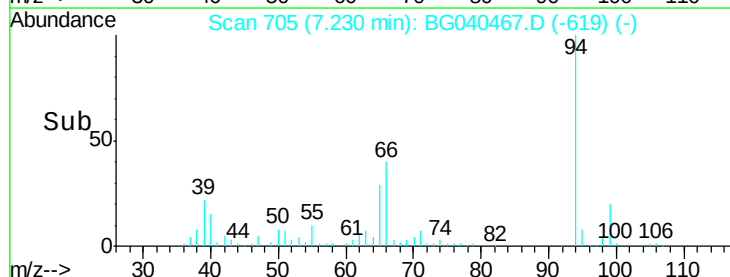
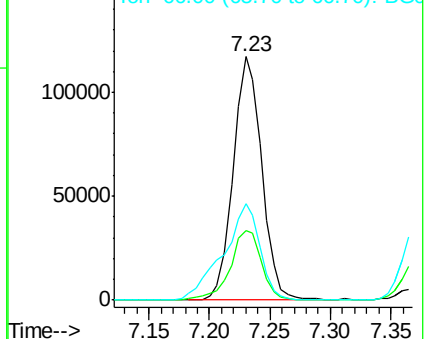
94 100

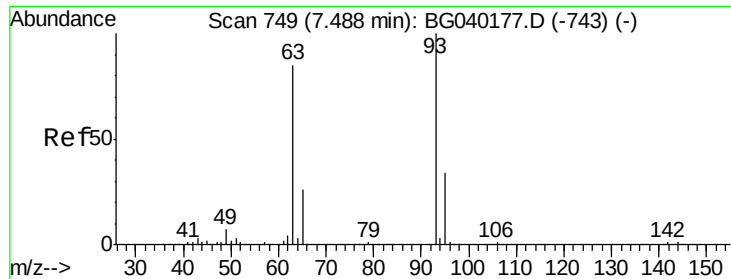
65 28.8 10.5 50.5

66 39.6 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

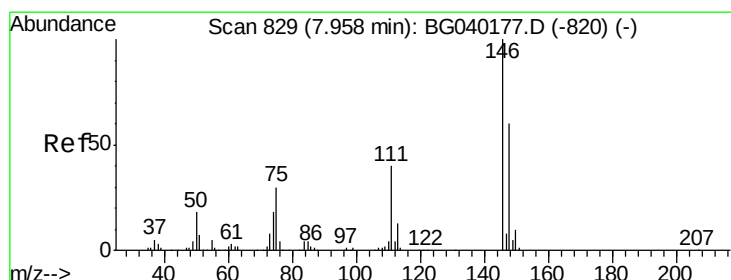
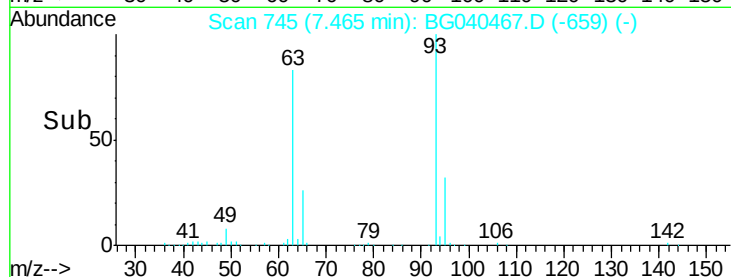
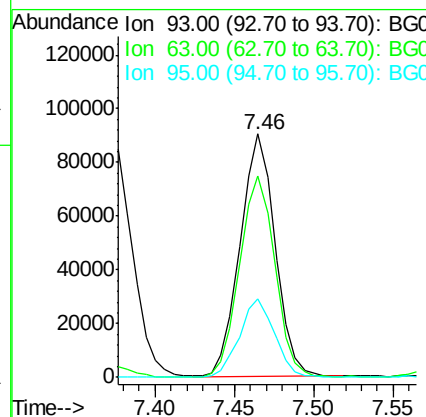
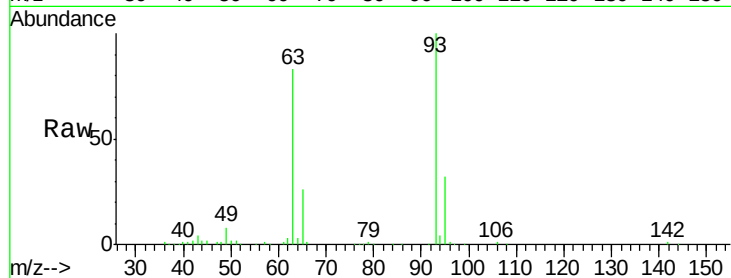




#11
 bis(2-Chloroethyl)ether
 Concen: 38.504 ng
 RT: 7.46 min Scan# 745
 Delta R.T. -0.02 min
 Lab File: BG040467.D
 Acq: 12 Apr 2019 18:49

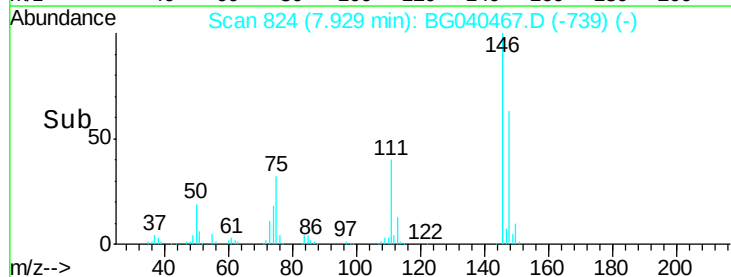
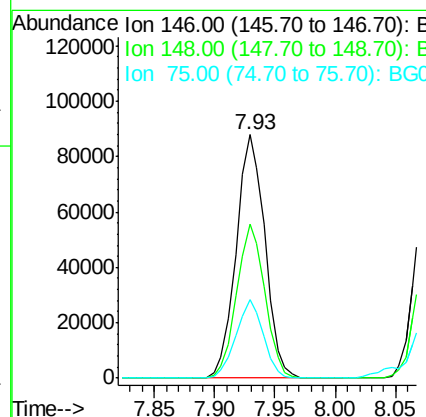
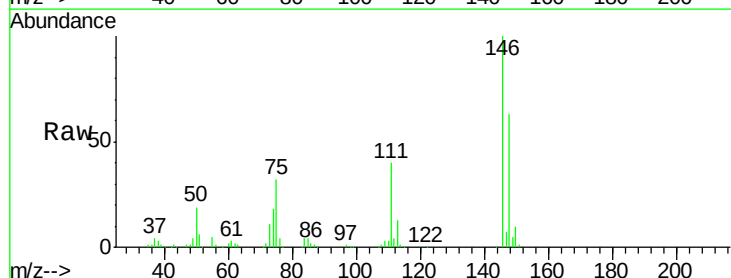
Instrument :
 BNA_G
 ClientSampleId :

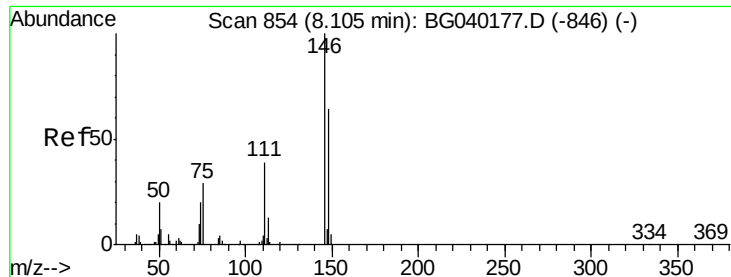
Tot Ion: 93 Resp: 138203
 Ion Ratio Lower Upper
 93 100
 63 82.9 64.2 104.2
 95 32.4 14.0 54.0



#12
 1,3-Dichlorobenzene
 Concen: 38.228 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.03 min
 Lab File: BG040467.D
 Acq: 12 Apr 2019 18:49

Tgt Ion: 146 Resp: 145328
 Ion Ratio Lower Upper
 146 100
 148 63.2 48.2 72.2
 75 32.1 24.1 36.1

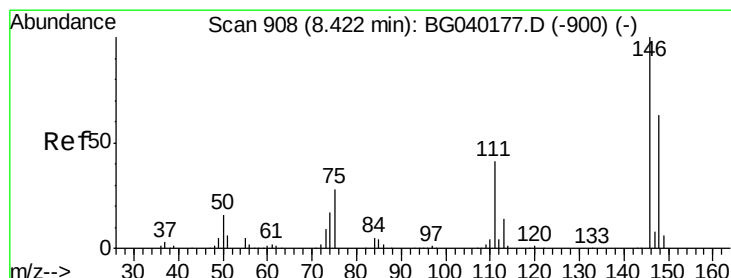
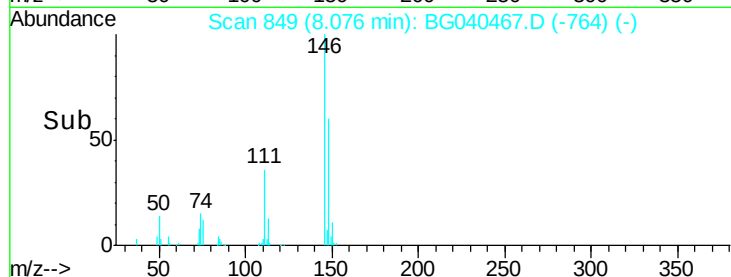
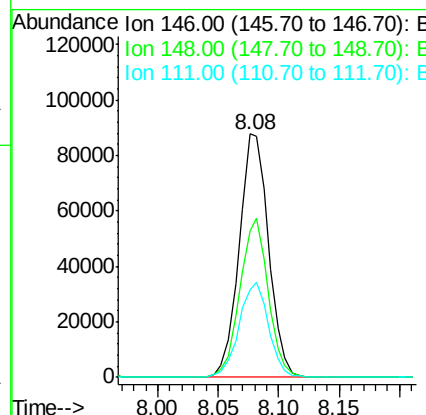
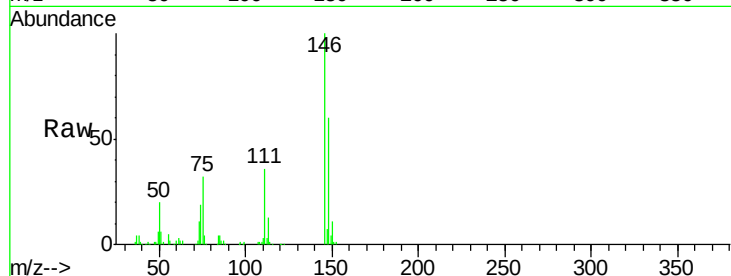




#13
 1,4-Dichlorobenzene
 Concen: 39.361 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.03 min
 Lab File: BG040467.D
 Acq: 12 Apr 2019 18:49

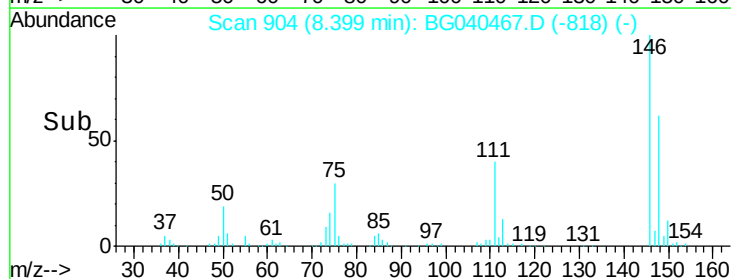
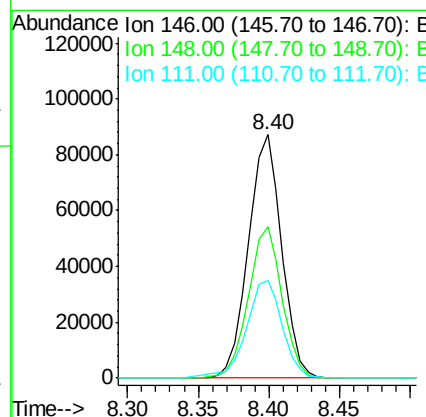
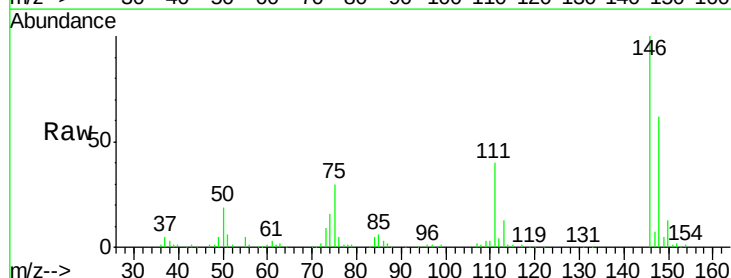
Instrument :
 BNA_G
 ClientSampled :

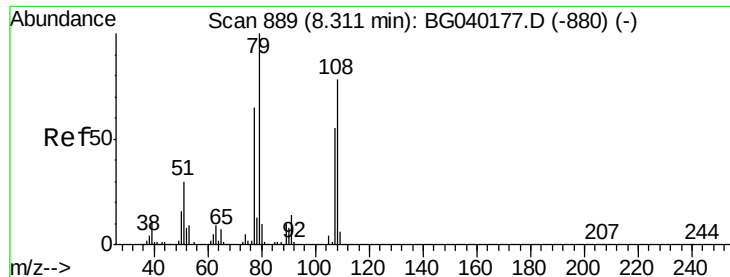
Tot Ion	Ratio	Lower	Upper
146	100		
148	60.1	51.0	76.4
111	36.2	31.8	47.6



#14
 1,2-Dichlorobenzene
 Concen: 39.789 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG040467.D
 Acq: 12 Apr 2019 18:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	50.8	76.2
111	40.1	33.4	50.0





#15

Benzyl Alcohol

Concen: 38.520 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BG040467.D

Acq: 12 Apr 2019 18:49

Instrument :

BNA_G

ClientSampled :

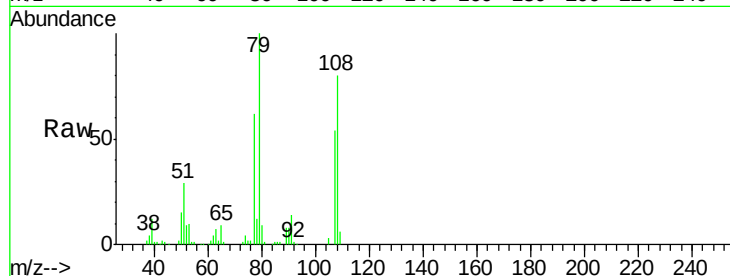
Tot Ion: 79 Resp: 128080

Ion Ratio Lower Upper

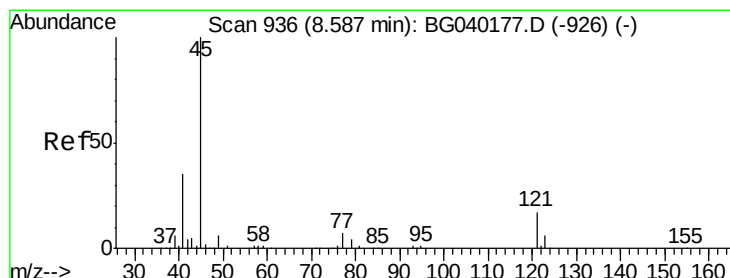
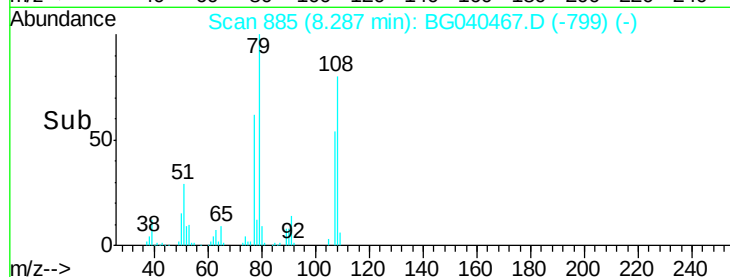
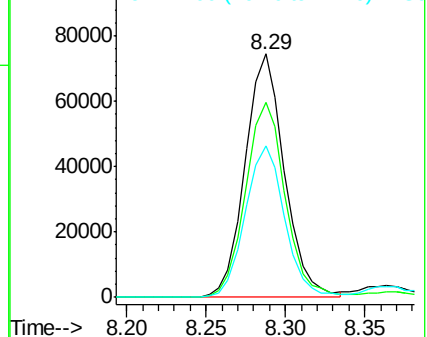
79 100

108 79.8 62.1 93.1

77 62.1 51.9 77.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.851 ng

RT: 8.56 min Scan# 932

Delta R.T. -0.02 min

Lab File: BG040467.D

Acq: 12 Apr 2019 18:49

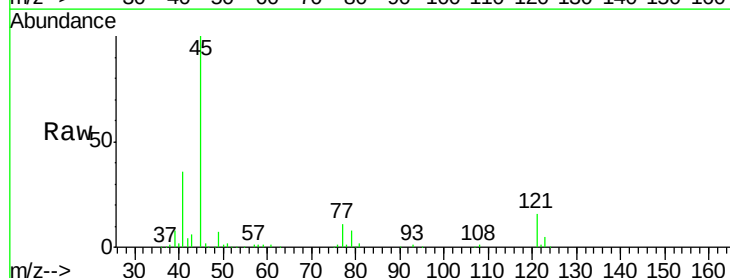
Tgt Ion: 45 Resp: 267632

Ion Ratio Lower Upper

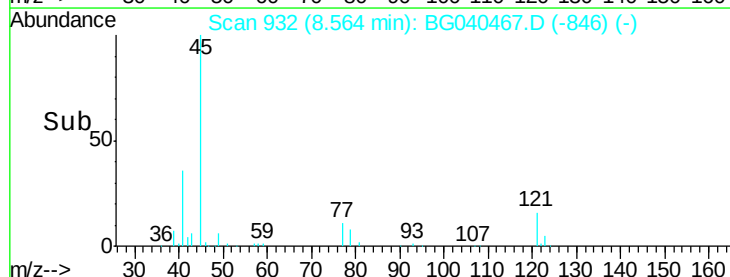
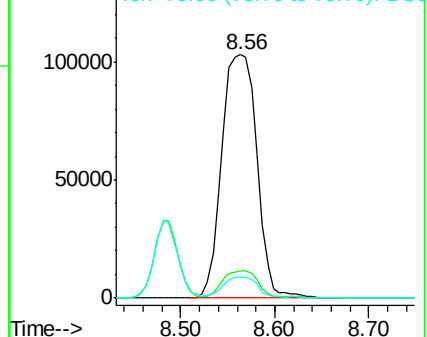
45 100

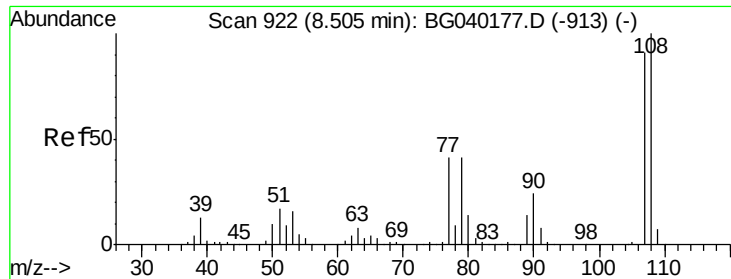
77 11.2 0.0 31.4

79 8.4 0.0 28.3



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





#17

2-Methylphenol

Concen: 41.895 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.02 min

Lab File: BG040467.D

Acq: 12 Apr 2019 18:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 129917

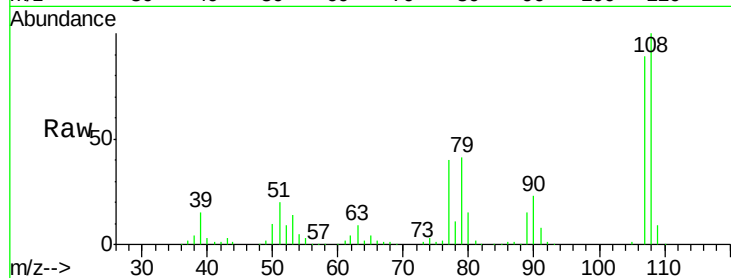
Ion Ratio Lower Upper

107 100

108 111.8 88.2 132.4

77 44.6 36.6 55.0

79 45.9 36.5 54.7

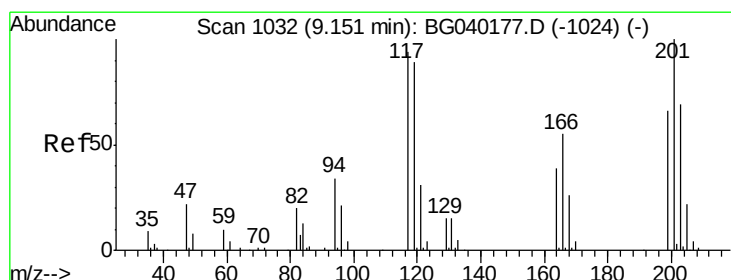
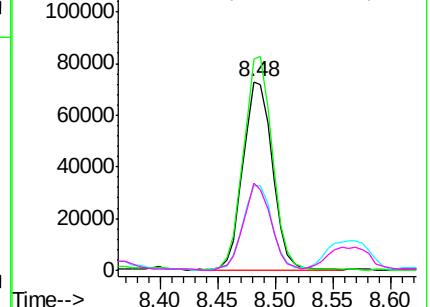
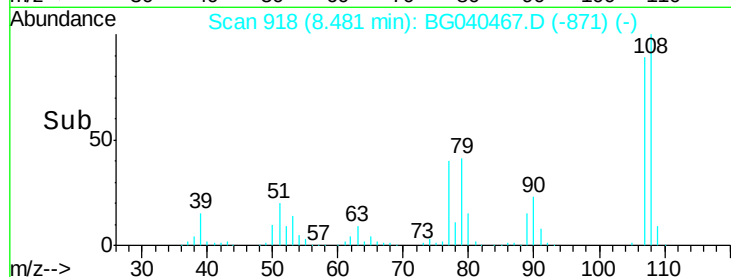


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.707 ng

RT: 9.12 min Scan# 1027

Delta R.T. -0.03 min

Lab File: BG040467.D

Acq: 12 Apr 2019 18:49

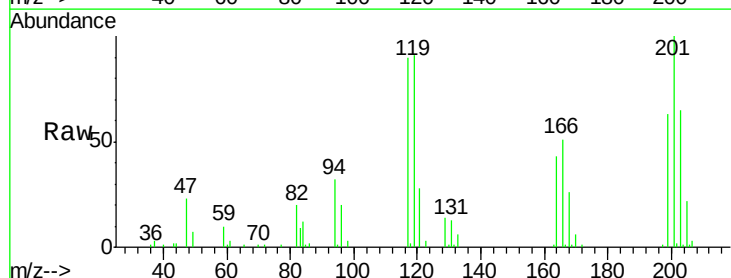
Tgt Ion:117 Resp: 52866

Ion Ratio Lower Upper

117 100

119 100.8 76.6 115.0

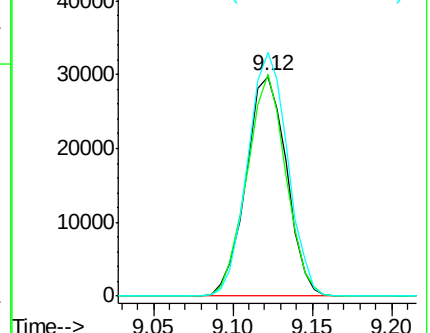
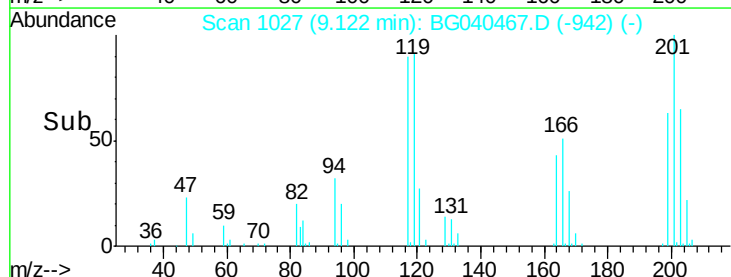
201 110.9 85.0 127.4

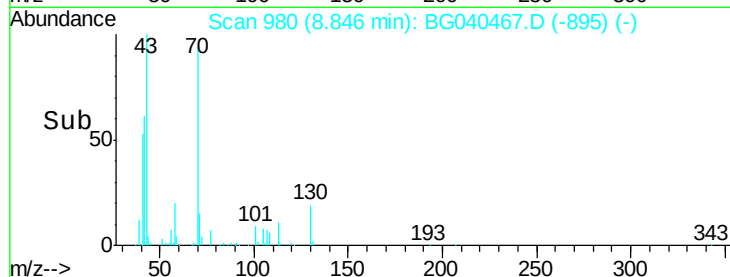
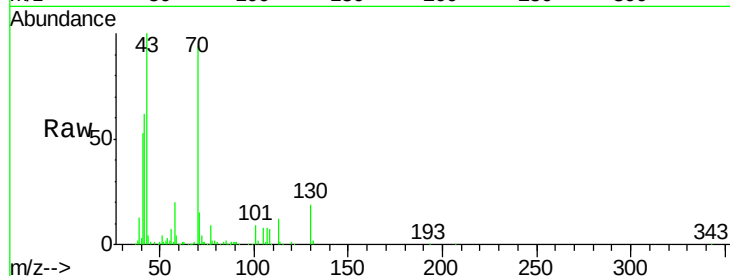
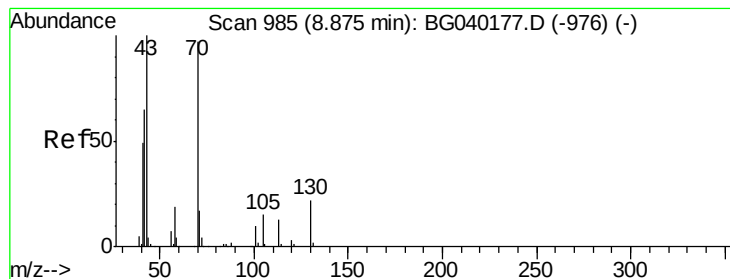


Abundance Ion 117.00 (116.70 to 117.70): E

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: 37.785 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.03 min

Lab File: BG040467.D

Acq: 12 Apr 2019 18:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 111850

Ion Ratio Lower Upper

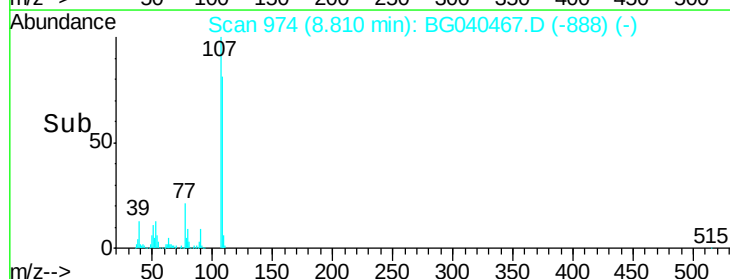
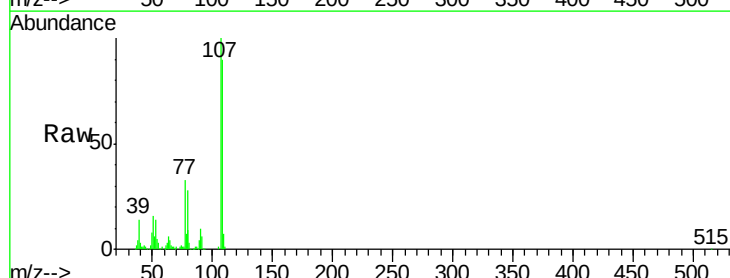
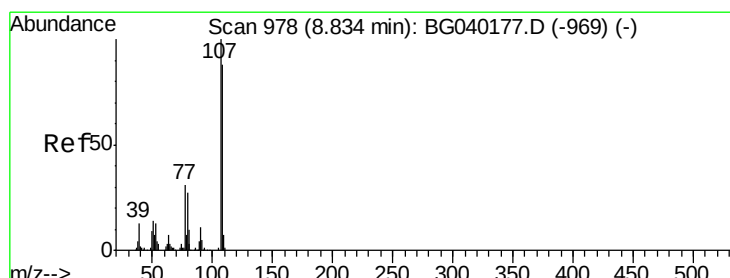
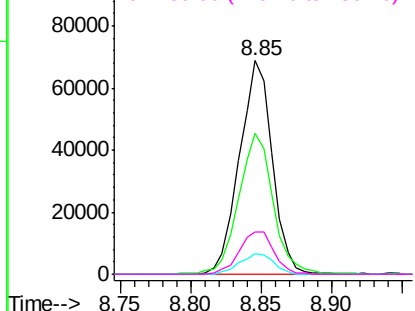
70 100

42 65.9 54.0 81.0

101 9.5 8.6 13.0

130 20.1 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: 42.294 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.02 min

Lab File: BG040467.D

Acq: 12 Apr 2019 18:49

Tgt Ion:107 Resp: 177676

Ion Ratio Lower Upper

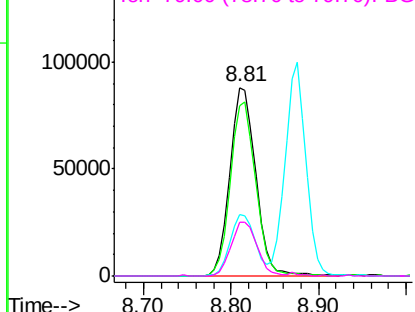
107 100

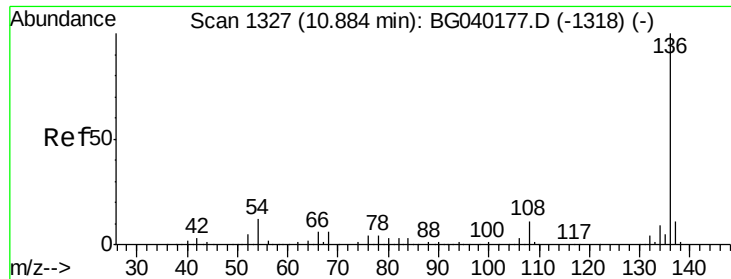
108 90.5 68.3 108.3

77 32.6 11.3 51.3

79 28.2 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

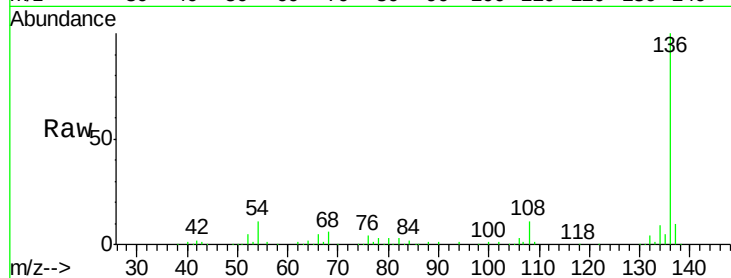




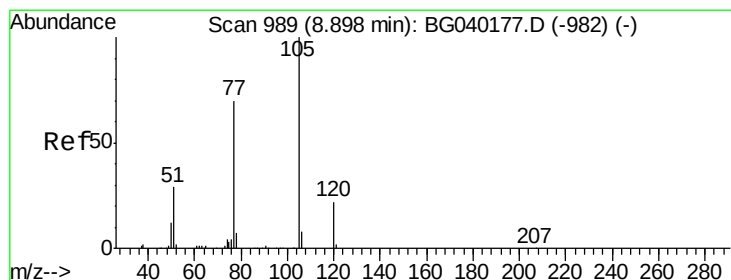
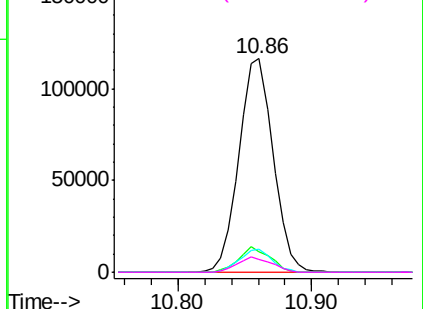
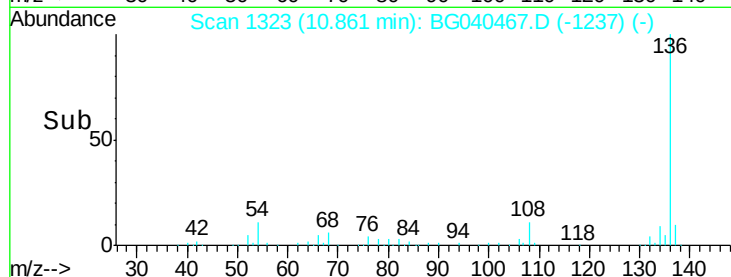
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040467.D
Acq: 12 Apr 2019 18:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	206172
Ion Ratio	Lower	Upper
136	100	
137	9.7	8.9 13.3
54	10.6	9.6 14.4
68	5.9	5.1 7.7

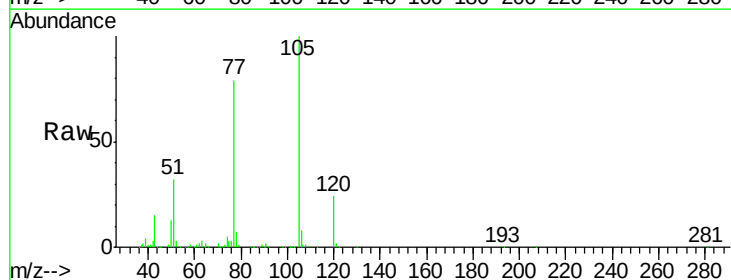


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

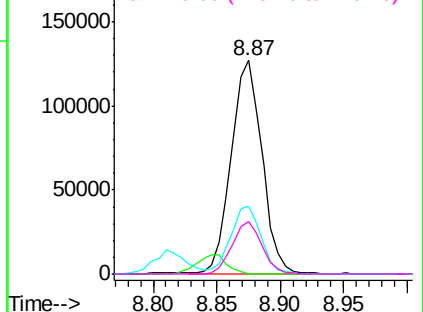
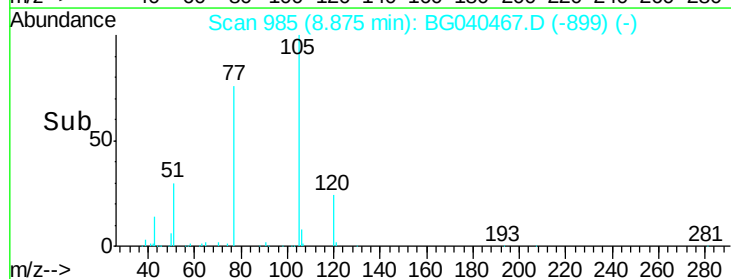


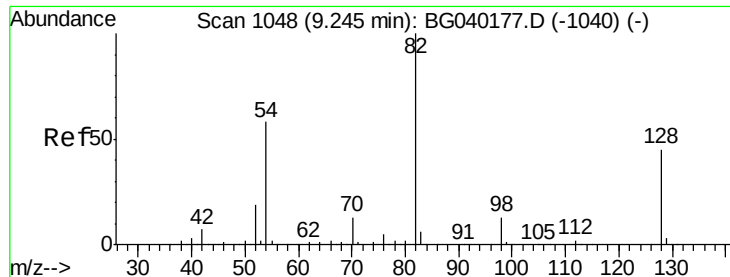
#22
Acetophenone
Concen: 41.324 ng
RT: 8.87 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG040467.D
Acq: 12 Apr 2019 18:49

Tgt Ion:105	Resp:	212528
Ion Ratio	Lower	Upper
105	100	
71	0.2	0.6 1.0#
51	31.6	25.1 37.7
120	24.4	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

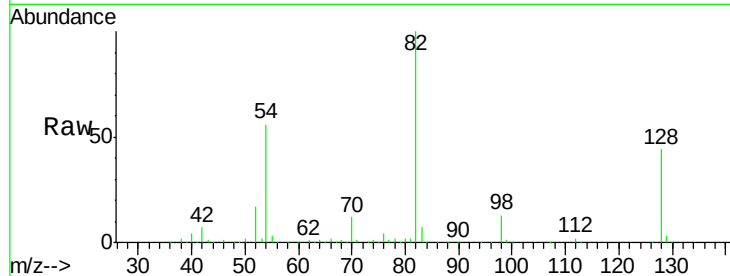




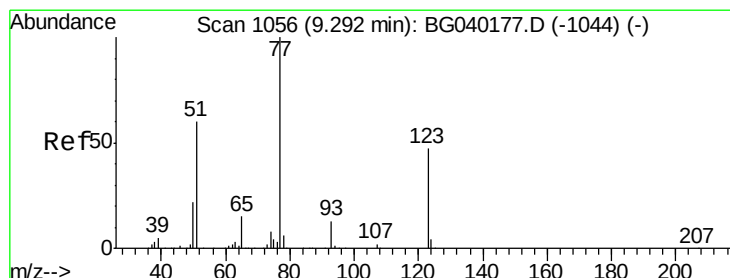
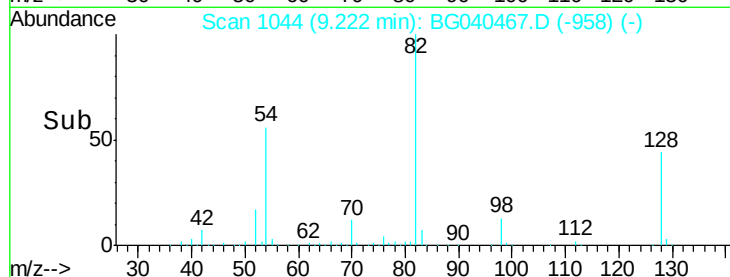
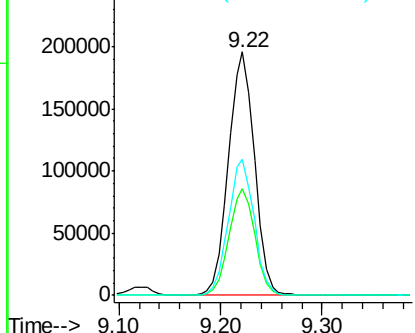
#23
 Nitrobenzene-d5
 Concen: 89.846 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG040467.D
 Acq: 12 Apr 2019 18:49

Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 82 Resp: 348494
 Ion Ratio Lower Upper
 82 100
 128 43.9 35.8 53.8
 54 55.9 46.2 69.2

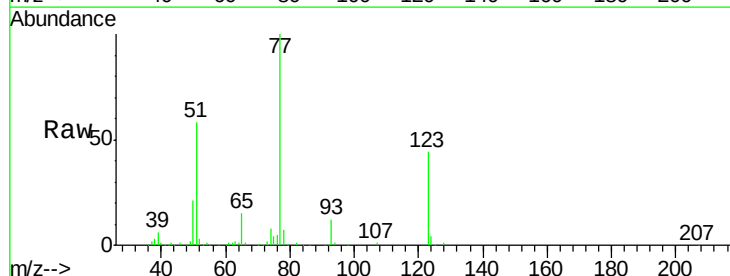


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

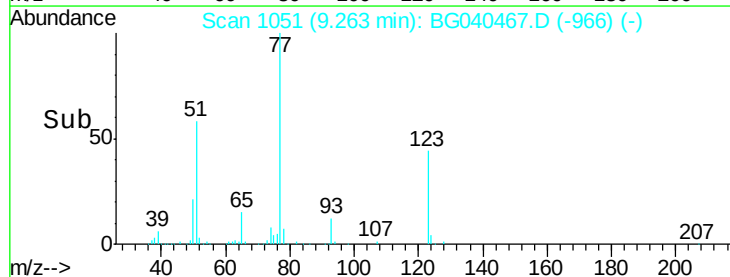
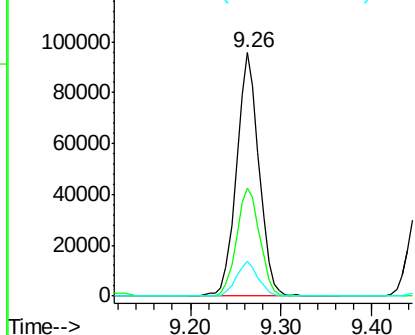


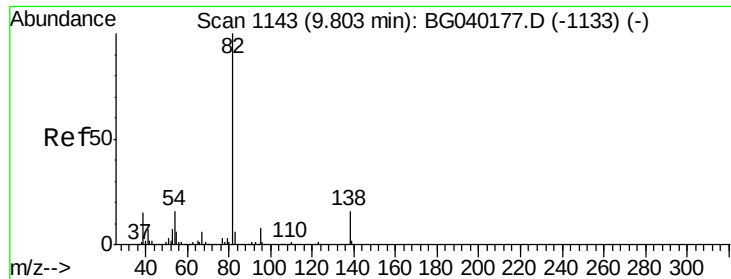
#24
 Nitrobenzene
 Concen: 41.004 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. -0.03 min
 Lab File: BG040467.D
 Acq: 12 Apr 2019 18:49

Tgt Ion: 77 Resp: 164699
 Ion Ratio Lower Upper
 77 100
 123 44.1 37.8 56.6
 65 14.6 12.0 18.0



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 40.111 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.03 min

Lab File: BG040467.D

Acq: 12 Apr 2019 18:49

Instrument :

BNA_G

ClientSampleId :

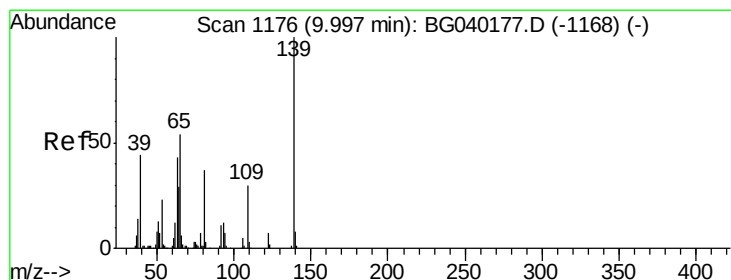
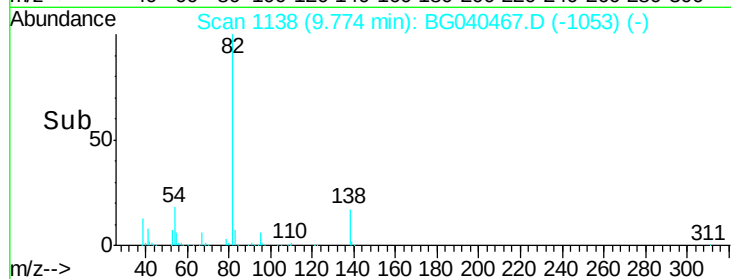
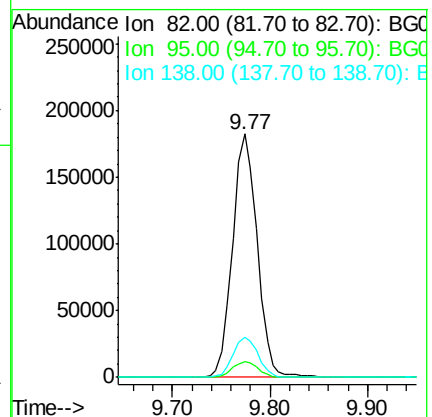
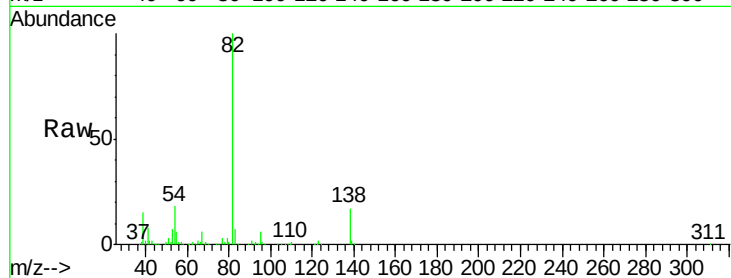
Tot Ion: 82 Resp: 320124

Ion Ratio Lower Upper

82 100

95 6.4 6.1 9.1

138 16.5 13.2 19.8



#26

2-Nitrophenol

Concen: 41.441 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG040467.D

Acq: 12 Apr 2019 18:49

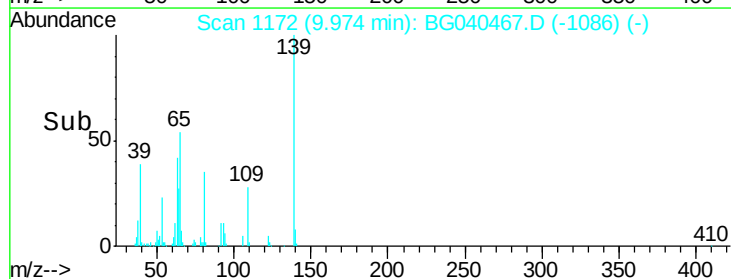
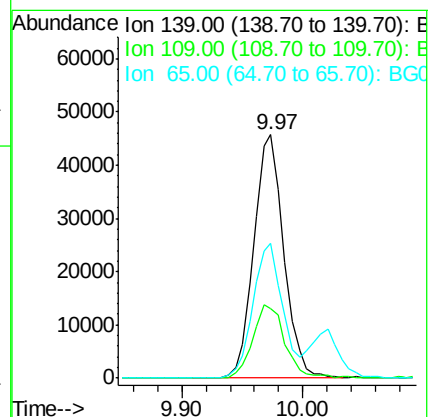
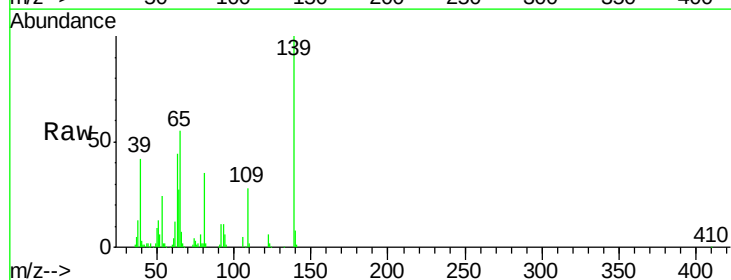
Tgt Ion: 139 Resp: 78873

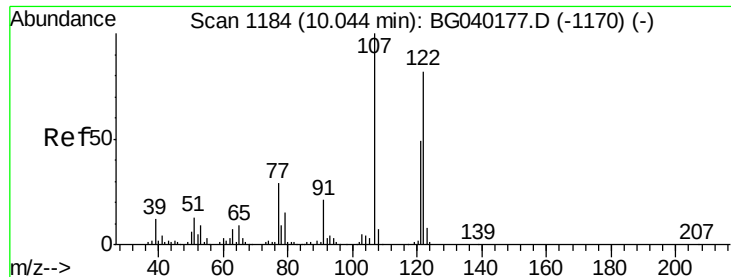
Ion Ratio Lower Upper

139 100

109 28.4 24.1 36.1

65 55.5 43.0 64.6

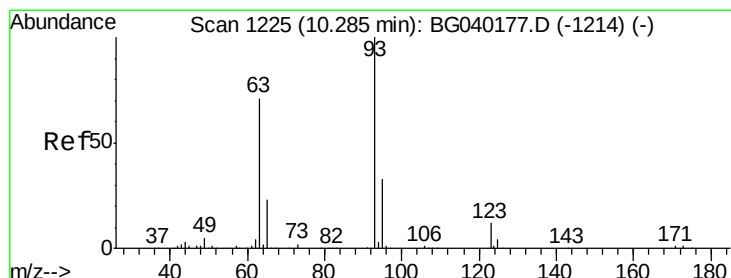
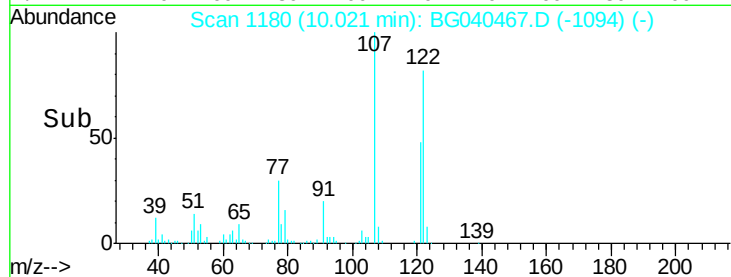
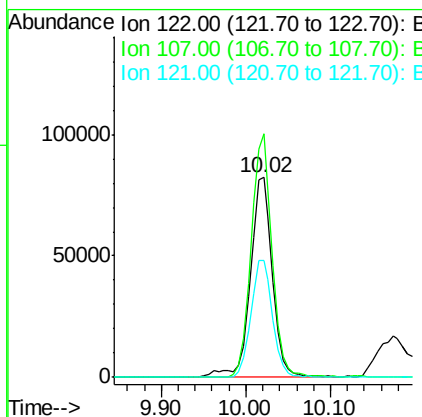
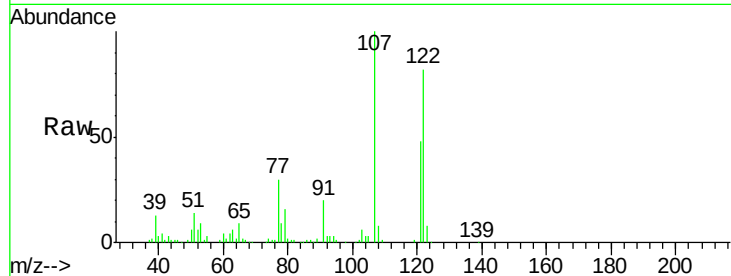




#27
 2,4-Dimethylphenol
 Concen: 49.989 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BG040467.D
 Acq: 12 Apr 2019 18:49

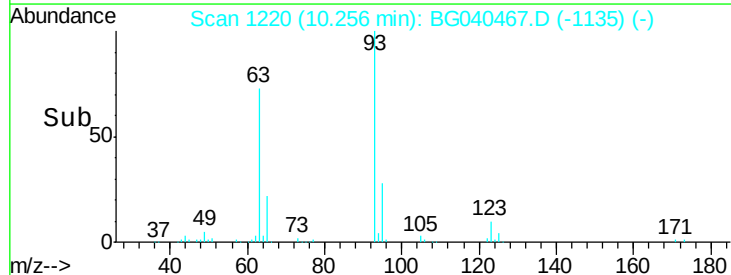
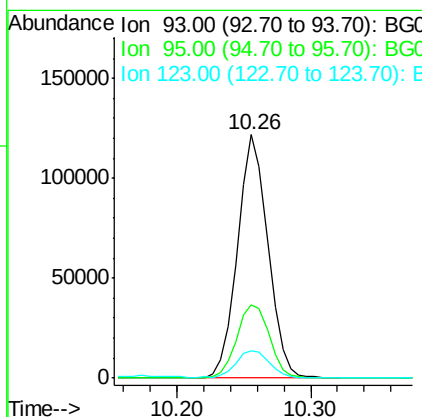
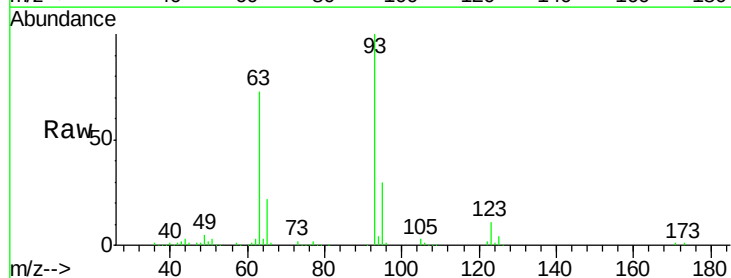
Instrument :
 BNA_G
 ClientSampled :

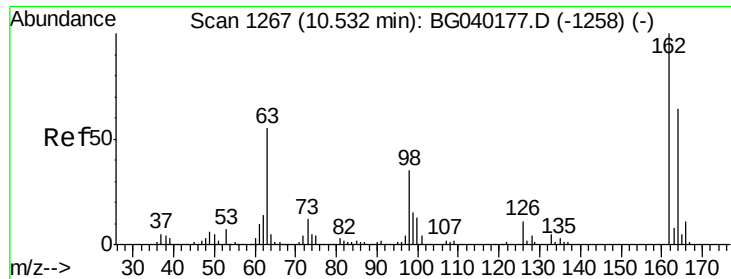
Tot Ion:122 Resp: 151124
 Ion Ratio Lower Upper
 122 100
 107 121.7 97.4 146.2
 121 58.6 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.672 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. -0.03 min
 Lab File: BG040467.D
 Acq: 12 Apr 2019 18:49

Tgt Ion: 93 Resp: 192041
 Ion Ratio Lower Upper
 93 100
 95 30.2 26.2 39.4
 123 11.1 9.4 14.0

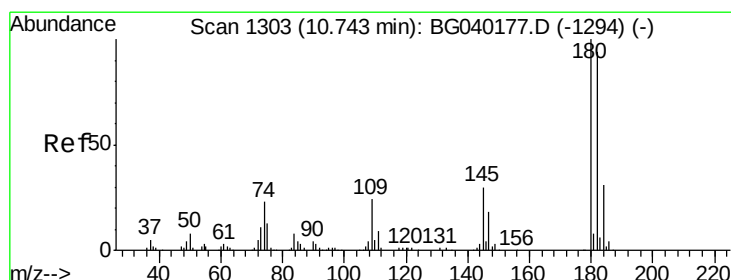
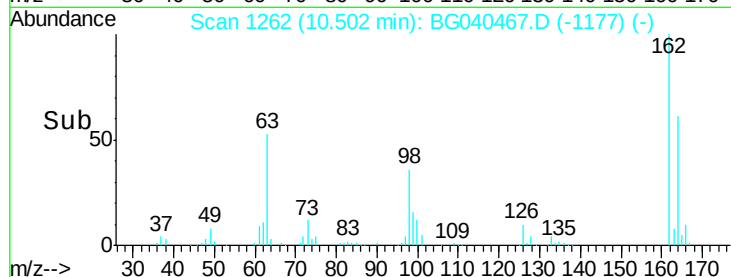
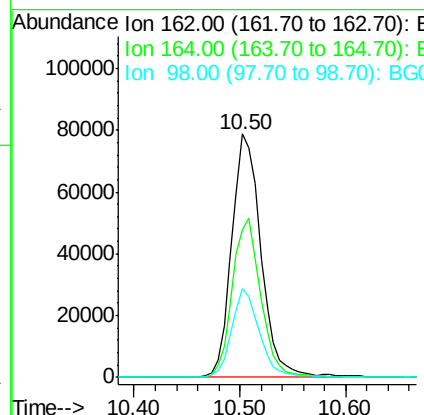
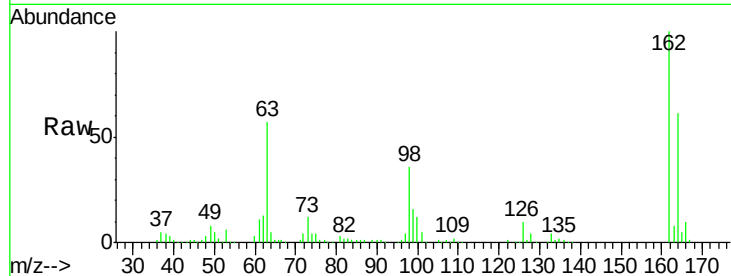




#29
 2,4-Dichlorophenol
 Concen: 45.840 ng
 RT: 10.50 min Scan# 1262
 Delta R.T. -0.03 min
 Lab File: BG040467.D
 Acq: 12 Apr 2019 18:49

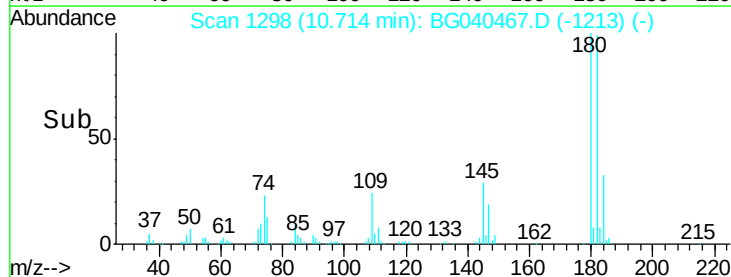
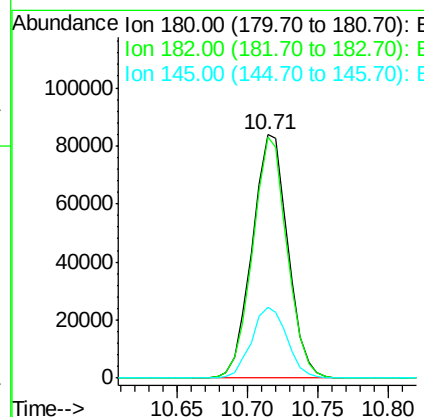
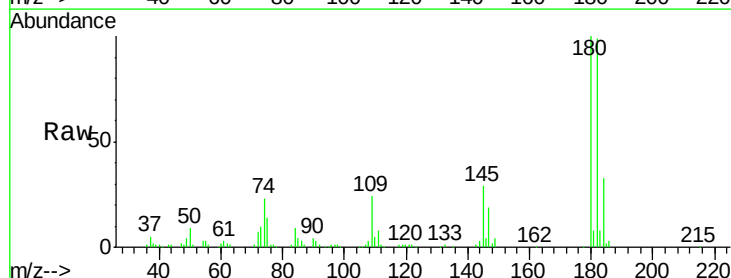
Instrument :
 BNA_G
 ClientSampleId :

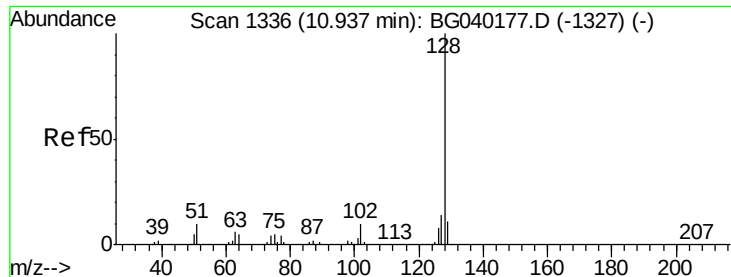
Tot Ion	Ratio	Lower	Upper
162	100		
164	60.5	43.9	83.9
98	36.2	15.6	55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 41.306 ng
 RT: 10.71 min Scan# 1298
 Delta R.T. -0.03 min
 Lab File: BG040467.D
 Acq: 12 Apr 2019 18:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.2	75.1	112.7
145	29.3	24.1	36.1





#31

Naphthalene

Concen: 41.999 ng

RT: 10.91 min Scan# 1331

Delta R.T. -0.03 min

Lab File: BG040467.D

Acq: 12 Apr 2019 18:49

Instrument :

BNA_G

ClientSampleId :

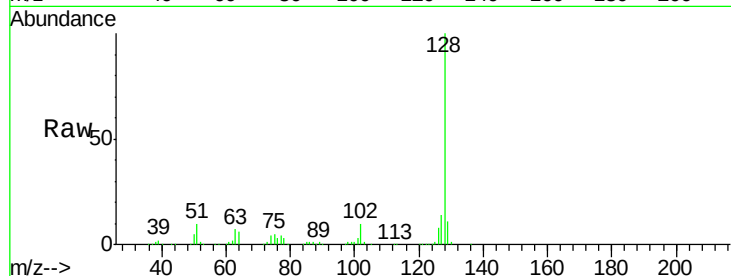
Tot Ion:128 Resp: 443838

Ion Ratio Lower Upper

128 100

129 11.5 8.9 13.3

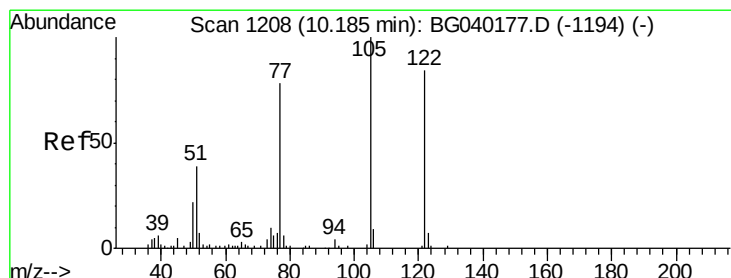
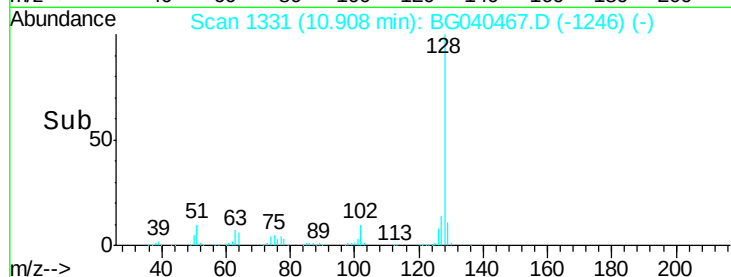
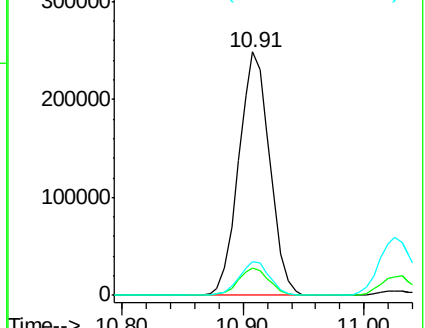
127 13.9 11.4 17.0



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: 30.356 ng

RT: 10.17 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BG040467.D

Acq: 12 Apr 2019 18:49

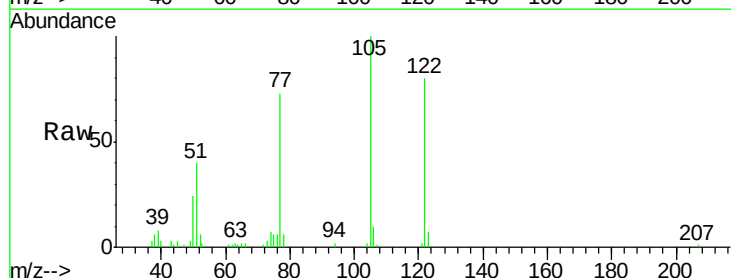
Tgt Ion:122 Resp: 55448

Ion Ratio Lower Upper

122 100

105 124.9 98.2 138.2

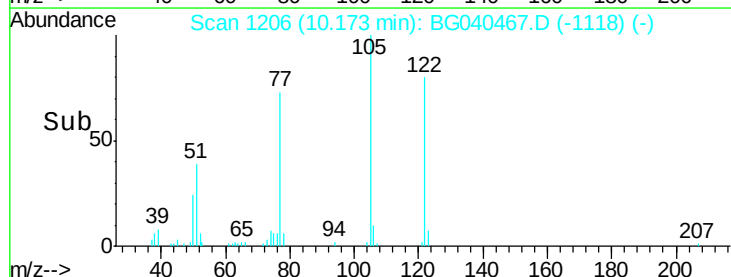
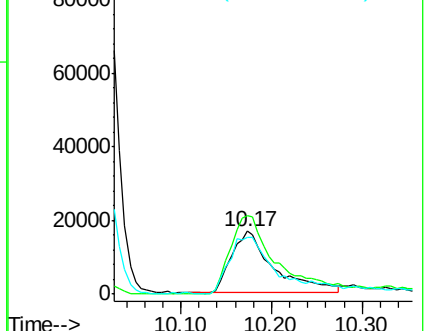
77 91.6 73.6 113.6

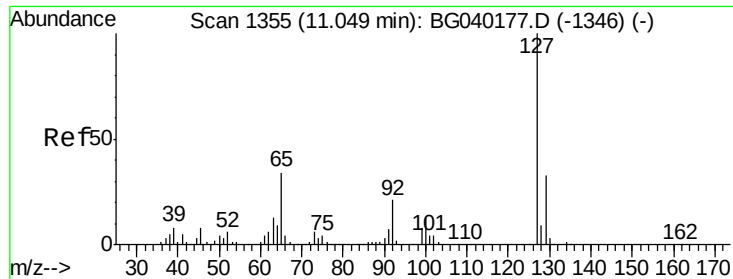


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

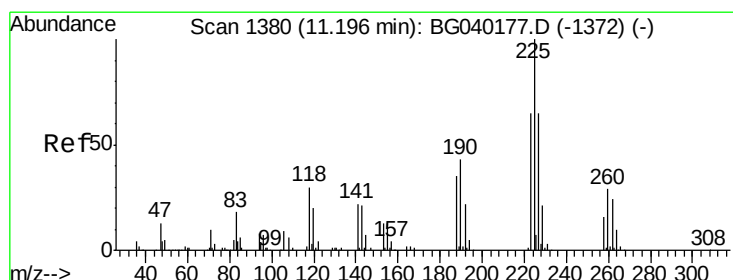
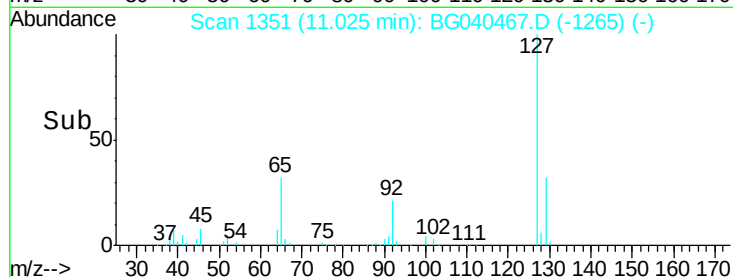
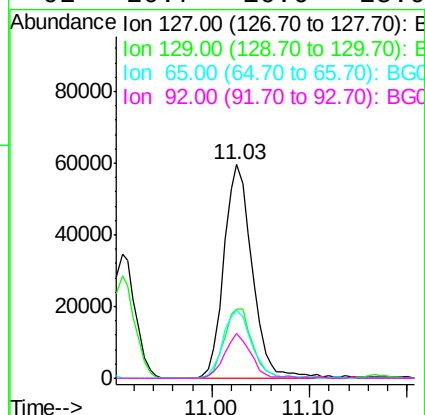
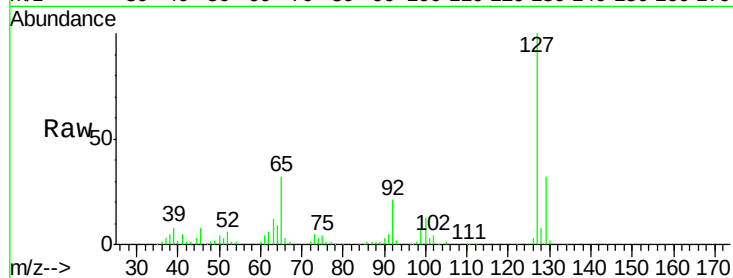




#33
4-Chloroaniline
Concen: 26.630 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG040467.D
Acq: 12 Apr 2019 18:49

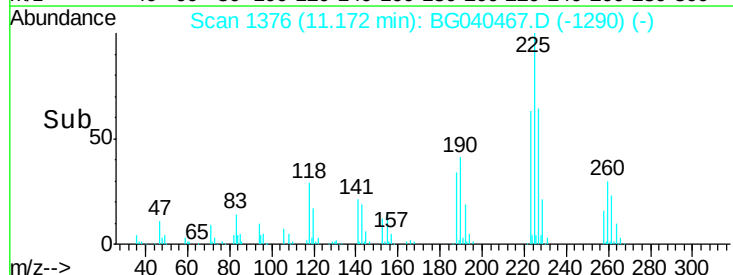
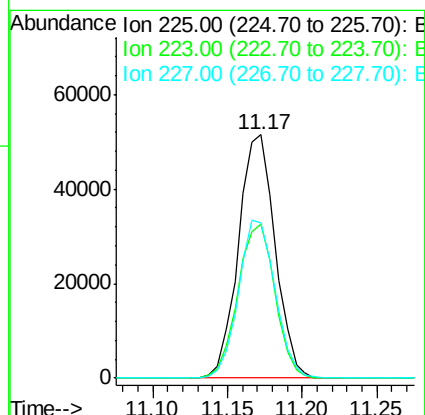
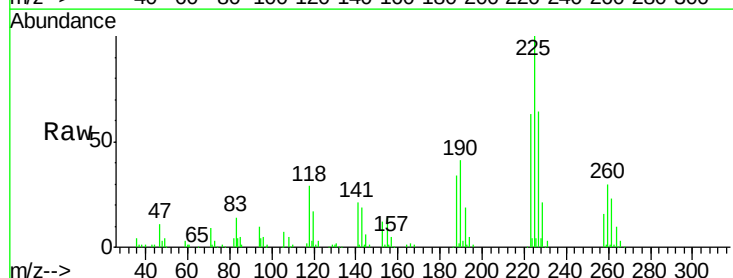
Instrument :
BNA_G
ClientSampleId :

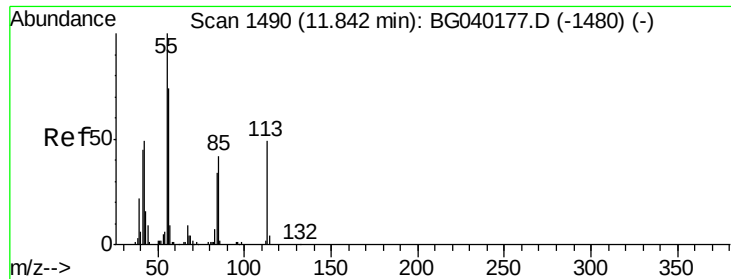
Tot Ion:	127	Resp:	120040
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.6	40.0
65	32.0	27.0	40.4
92	20.7	16.6	25.0



#34
Hexachlorobutadiene
Concen: 38.110 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG040467.D
Acq: 12 Apr 2019 18:49

Tgt Ion:	225	Resp:	87820
Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.8	77.8
227	63.6	54.9	82.3





#35

Caprolactam

Concen: 44.380 ng

RT: 11.81 min Scan# 1485

Delta R.T. -0.03 min

Lab File: BG040467.D

Acq: 12 Apr 2019 18:49

Instrument :

BNA_G

ClientSampled :

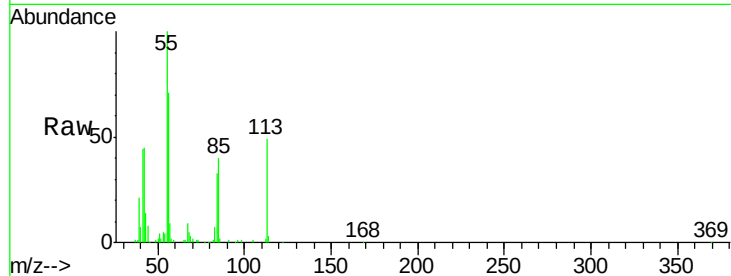
Tot Ion:113 Resp: 57792

Ion Ratio Lower Upper

113 100

55 204.9 184.2 224.2

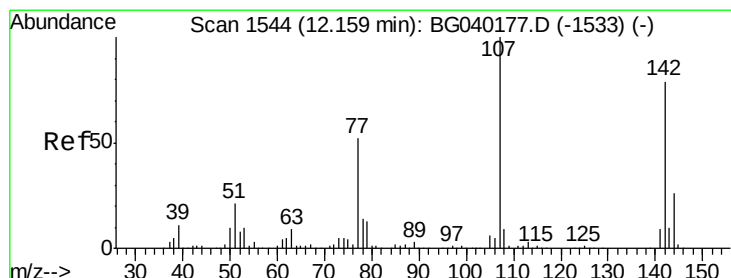
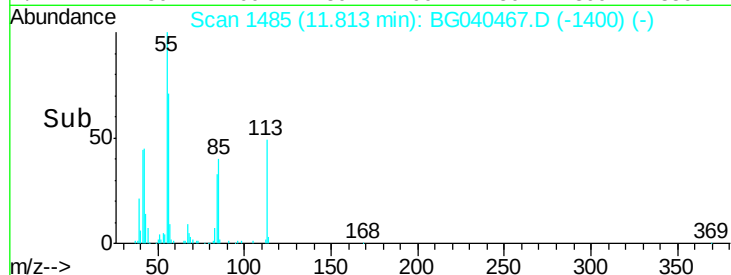
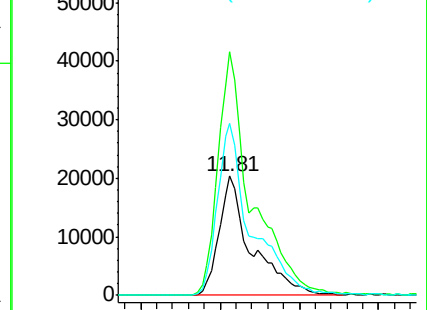
56 144.7 131.3 171.3



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: 46.074 ng

RT: 12.14 min Scan# 1540

Delta R.T. -0.02 min

Lab File: BG040467.D

Acq: 12 Apr 2019 18:49

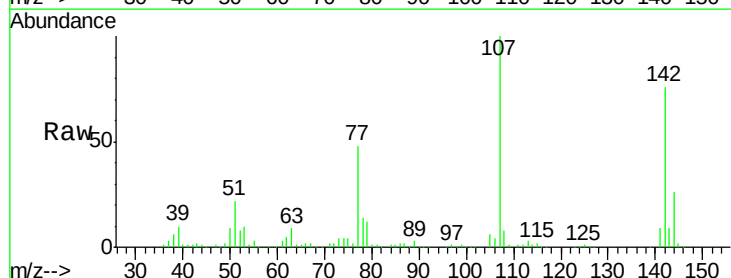
Tgt Ion:107 Resp: 173810

Ion Ratio Lower Upper

107 100

144 25.9 20.5 30.7

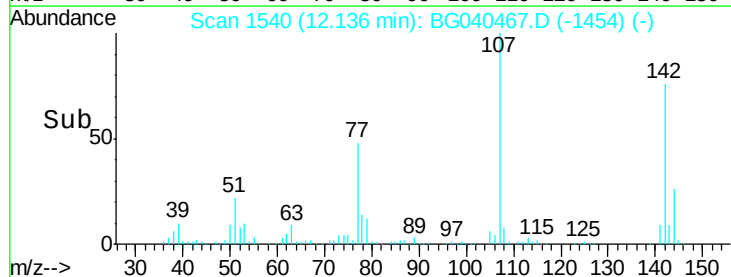
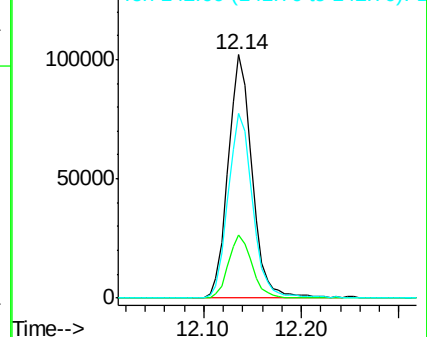
142 75.8 63.1 94.7

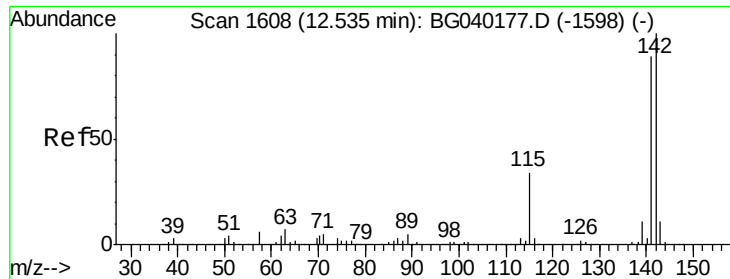


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

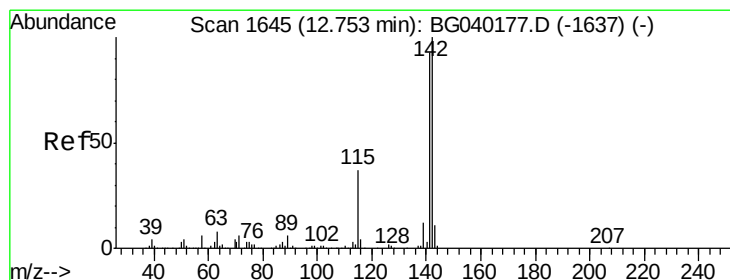
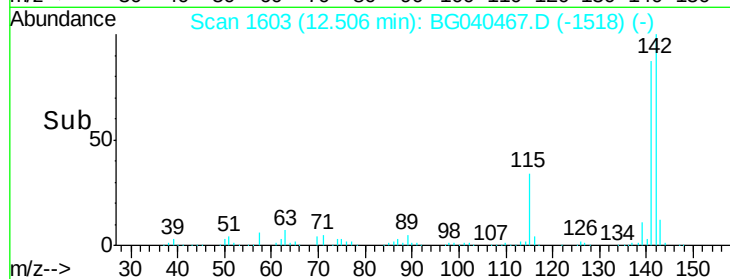
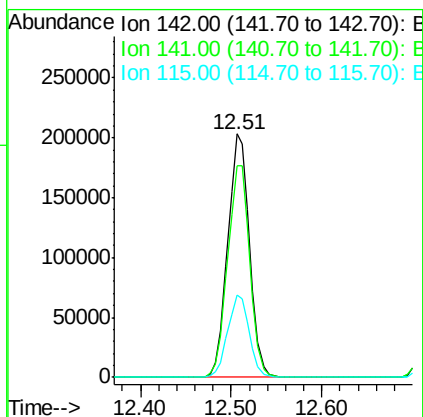
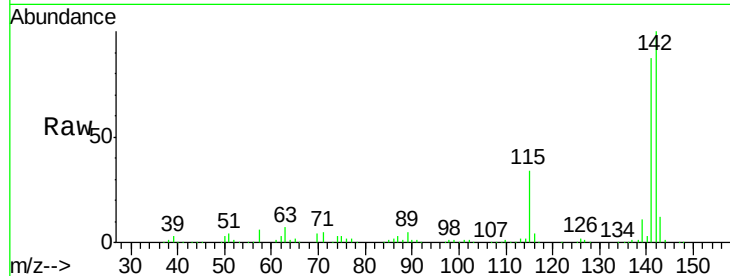




#37
2-Methylnaphthalene
Concen: 43.197 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.03 min
Lab File: BG040467.D
Acq: 12 Apr 2019 18:49

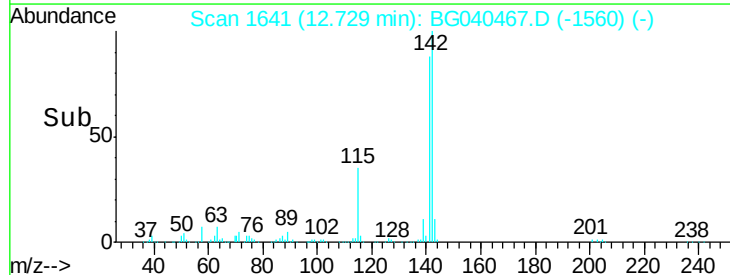
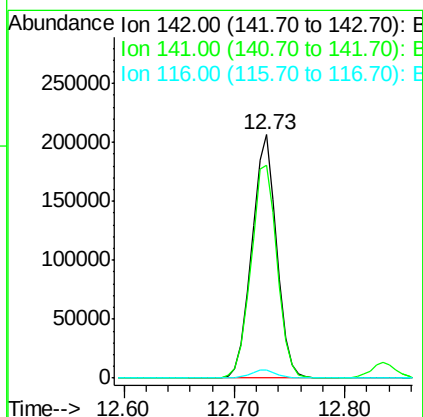
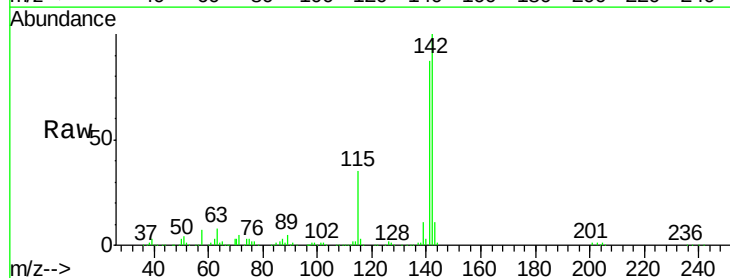
Instrument :
BNA_G
ClientSampleId :

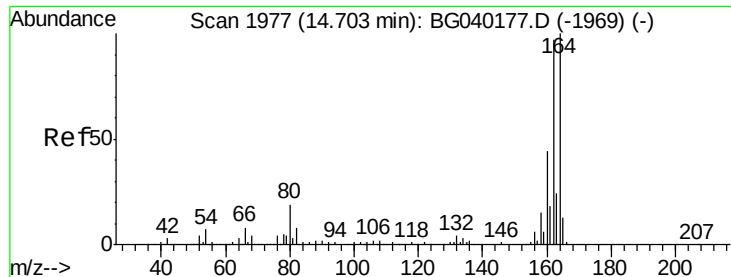
Tot Ion:142 Resp: 337618
Ion Ratio Lower Upper
142 100
141 86.8 71.0 106.6
115 33.7 27.3 40.9



#38
1-Methylnaphthalene
Concen: 42.795 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.02 min
Lab File: BG040467.D
Acq: 12 Apr 2019 18:49

Tgt Ion:142 Resp: 324344
Ion Ratio Lower Upper
142 100
141 87.5 74.2 111.4
116 3.2 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.03 min

Lab File: BG040467.D

Acq: 12 Apr 2019 18:49

Instrument :

BNA_G

ClientSampleId :

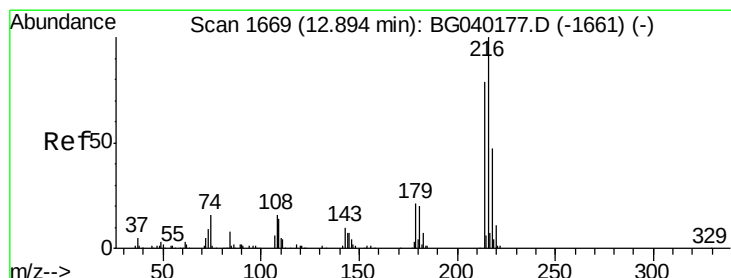
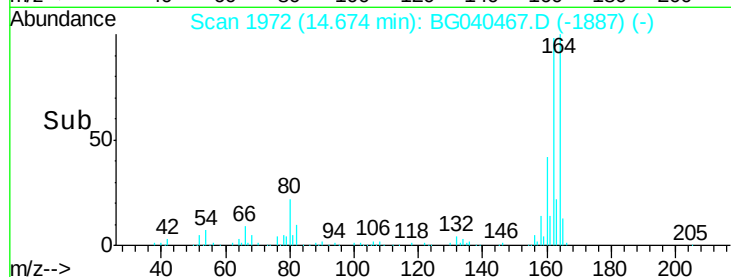
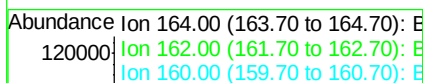
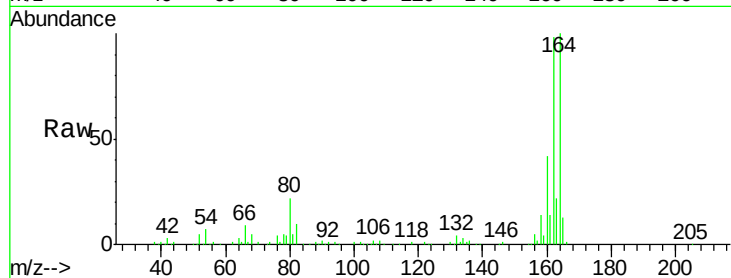
Tot Ion:164 Resp: 136881

Ion Ratio Lower Upper

164 100

162 98.2 77.4 116.2

160 42.2 35.3 52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.333 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.02 min

Lab File: BG040467.D

Acq: 12 Apr 2019 18:49

Tgt Ion:216 Resp: 171122

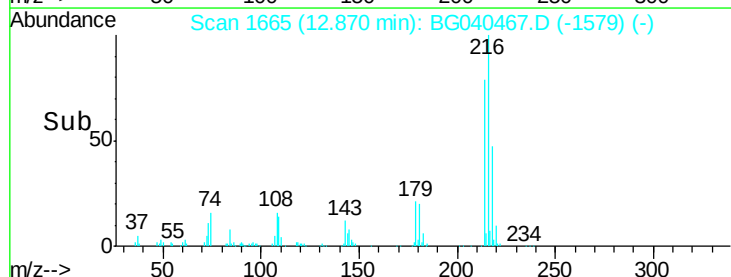
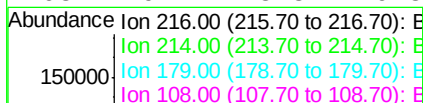
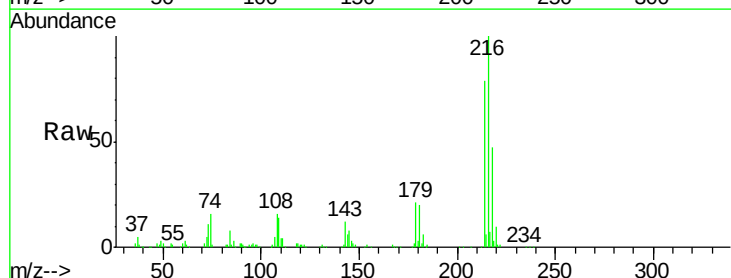
Ion Ratio Lower Upper

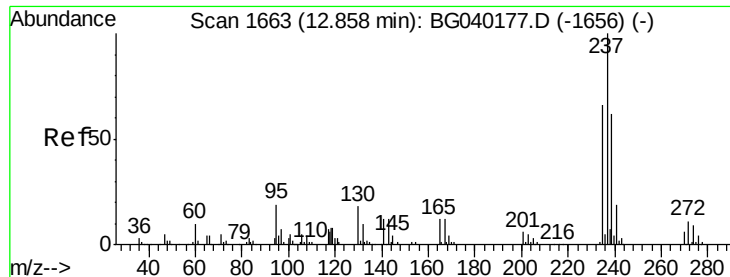
216 100

214 80.5 63.5 95.3

179 21.2 16.6 25.0

108 19.1 13.8 20.8





#41

Hexachlorocyclopentadiene

Concen: 74.893 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BG040467.D

Acq: 12 Apr 2019 18:49

Instrument :

BNA_G

ClientSampleId :

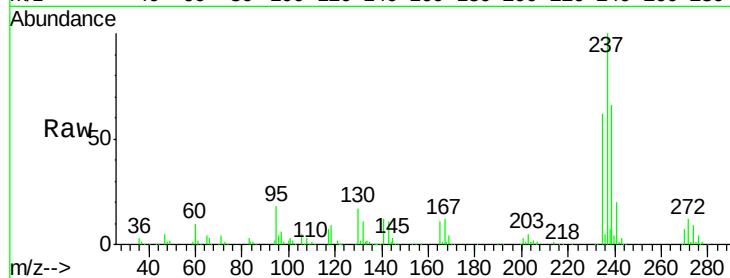
Tot Ion:237 Resp: 178902

Ion Ratio Lower Upper

237 100

235 62.5 46.2 86.2

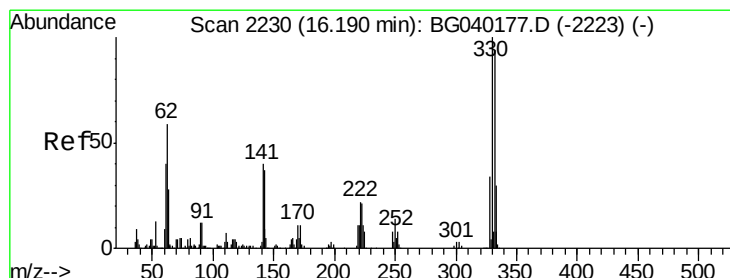
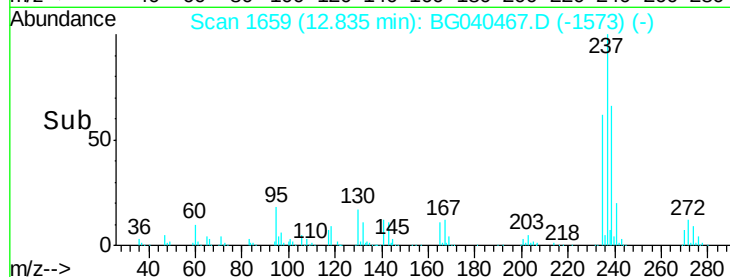
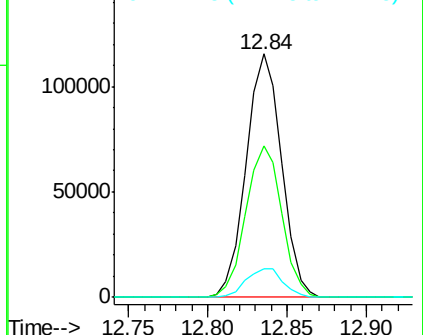
272 11.8 0.0 30.5



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: 155.517 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040467.D

Acq: 12 Apr 2019 18:49

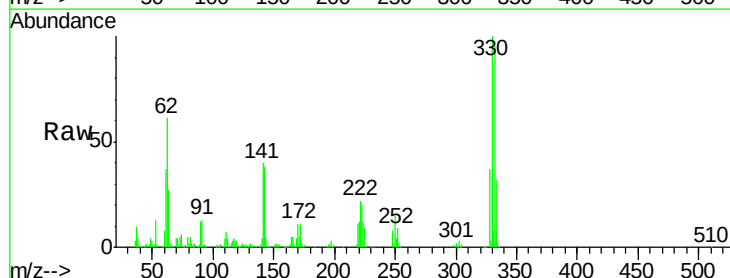
Tgt Ion:330 Resp: 230060

Ion Ratio Lower Upper

330 100

332 96.5 76.6 115.0

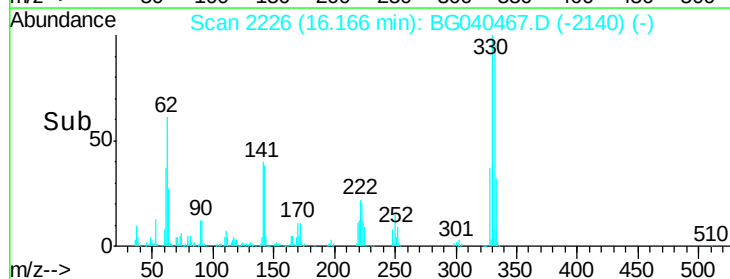
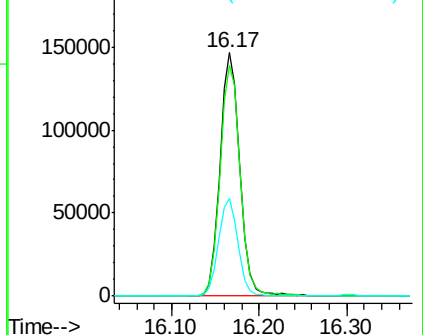
141 39.6 32.6 48.8

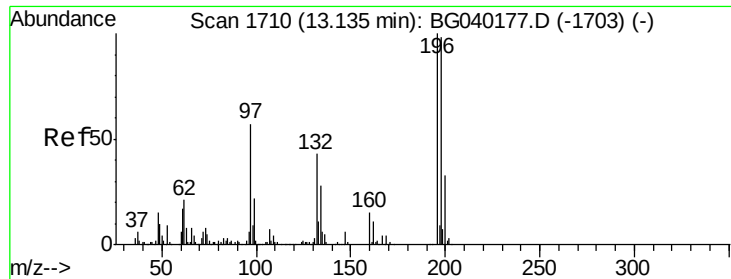


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

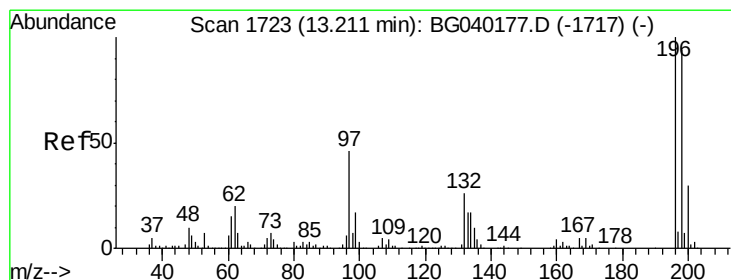
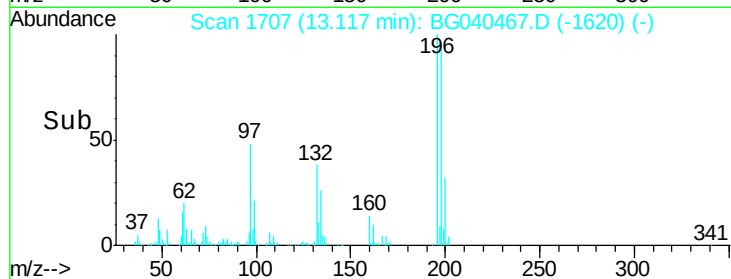
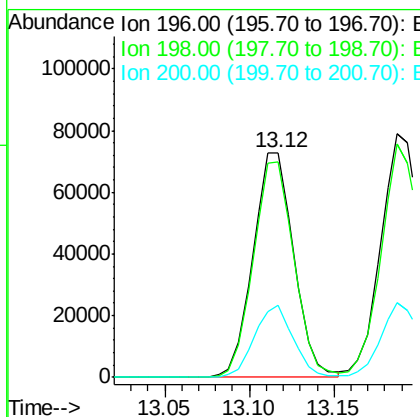
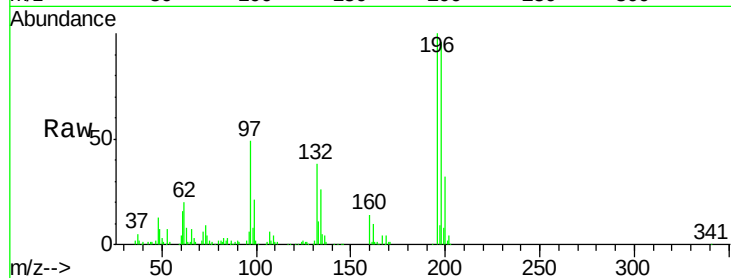




#43
 2,4,6-Trichlorophenol
 Concen: 43.352 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.02 min
 Lab File: BG040467.D
 Acq: 12 Apr 2019 18:49

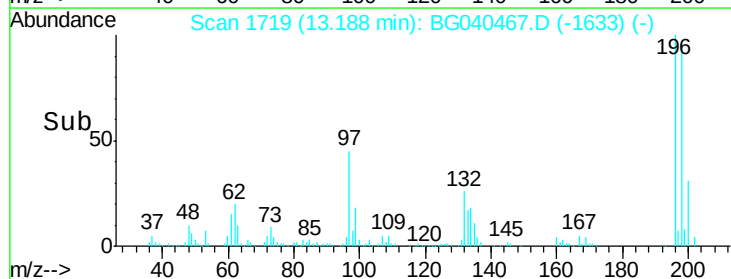
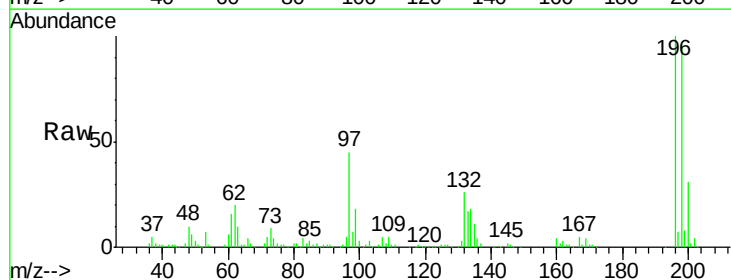
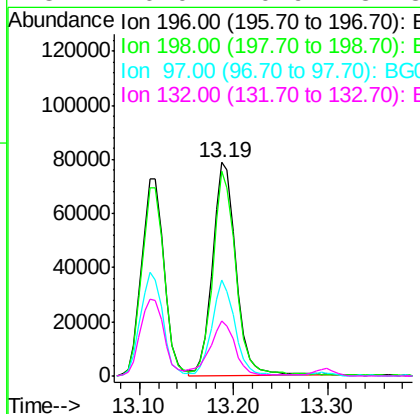
Instrument :
 BNA_G
 ClientSampleId :

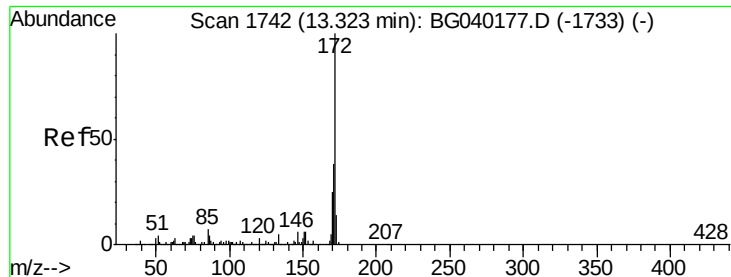
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.8	78.3	117.5
200	31.9	26.0	39.0



#44
 2,4,5-Trichlorophenol
 Concen: 45.064 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040467.D
 Acq: 12 Apr 2019 18:49

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	75.0	112.6
97	45.0	37.3	55.9
132	26.0	20.9	31.3

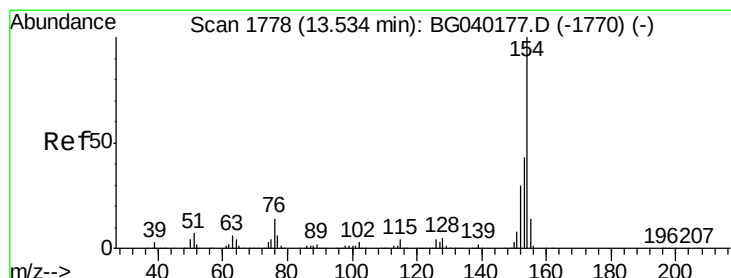
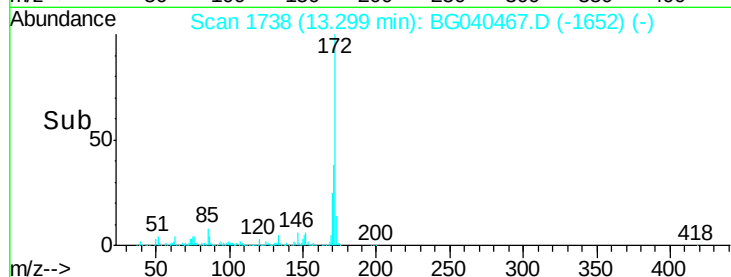
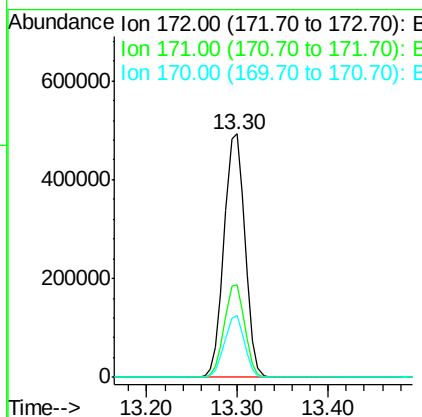
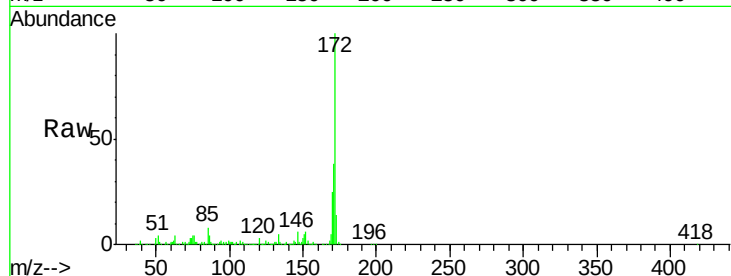




#45
2-Fluorobiphenyl
Concen: 85.425 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040467.D
Acq: 12 Apr 2019 18:49

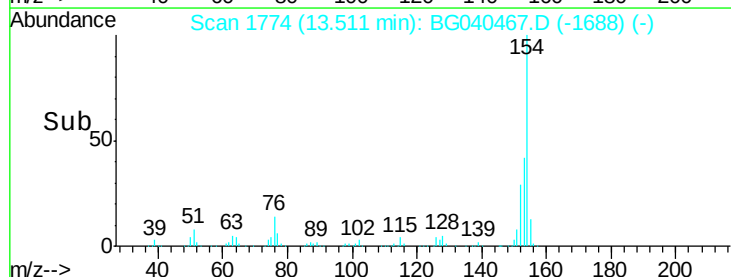
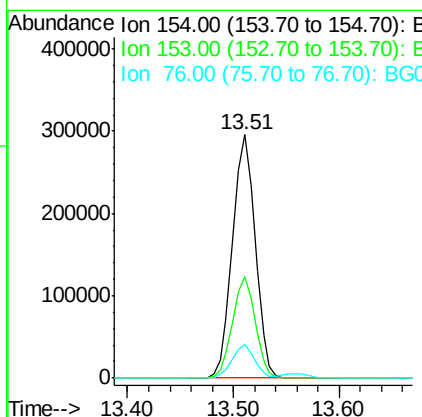
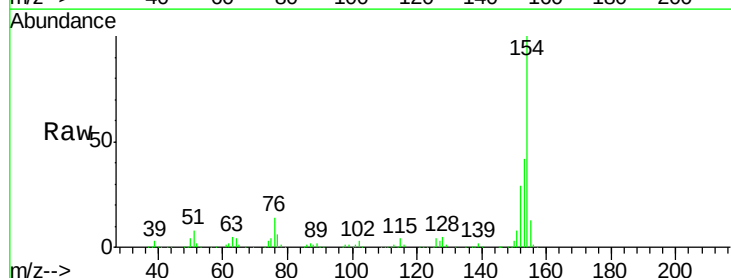
Instrument :
BNA_G
ClientSampleId :

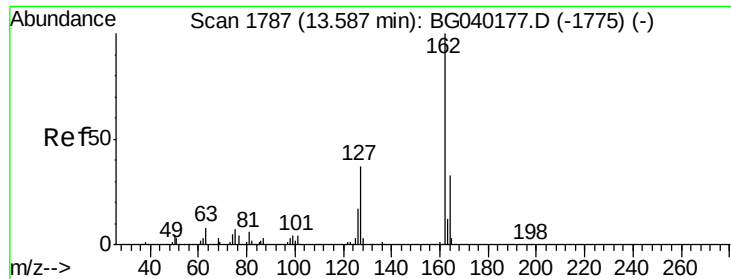
Tot Ion:172 Resp: 789128
Ion Ratio Lower Upper
172 100
171 37.9 30.5 45.7
170 25.3 20.1 30.1



#46
1,1'-Biphenyl
Concen: 40.568 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG040467.D
Acq: 12 Apr 2019 18:49

Tgt Ion:154 Resp: 438759
Ion Ratio Lower Upper
154 100
153 41.6 22.5 62.5
76 13.8 0.0 33.7

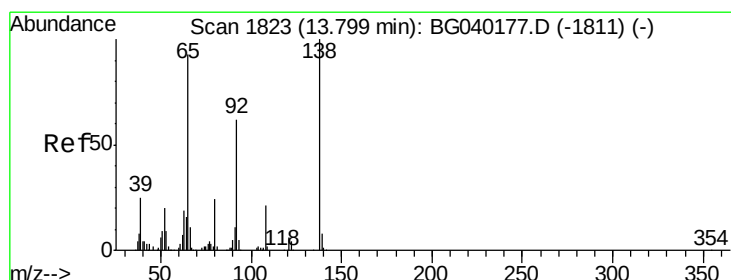
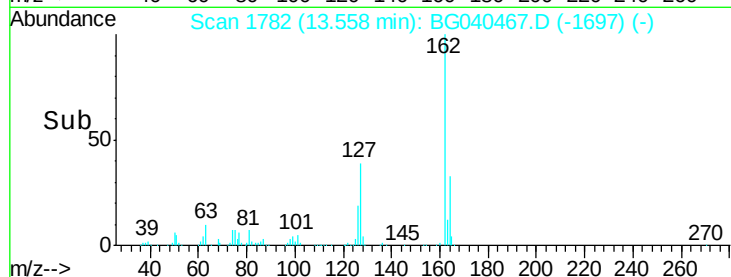
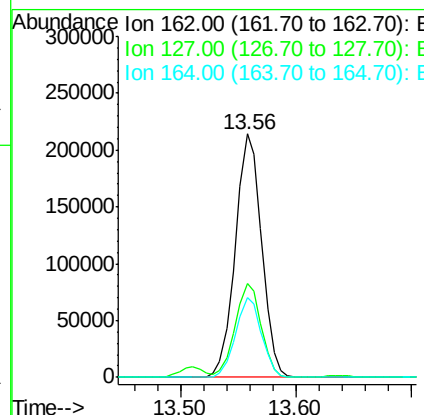
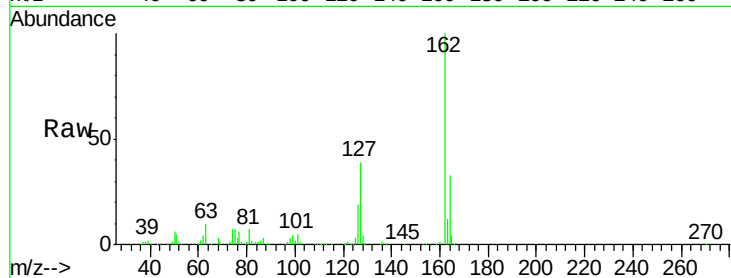




#47
 2-Chloronaphthalene
 Concen: 40.561 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.03 min
 Lab File: BG040467.D
 Acq: 12 Apr 2019 18:49

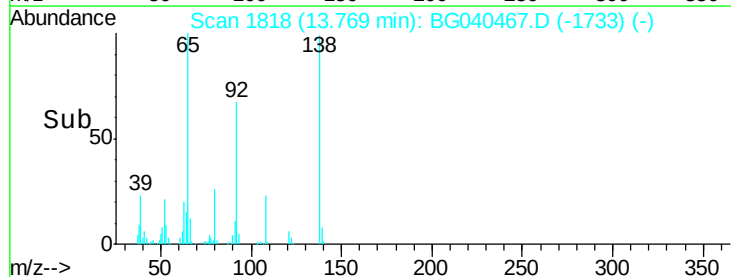
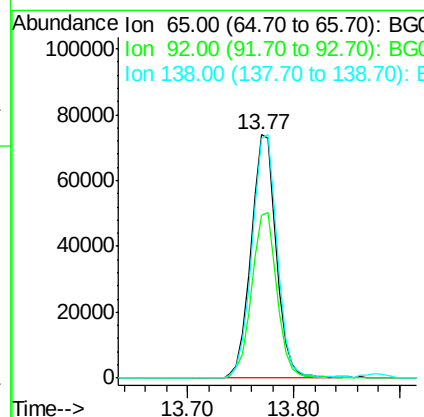
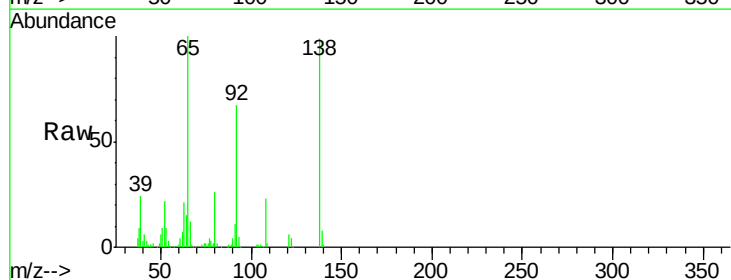
Instrument :
 BNA_G
 ClientSampleId :

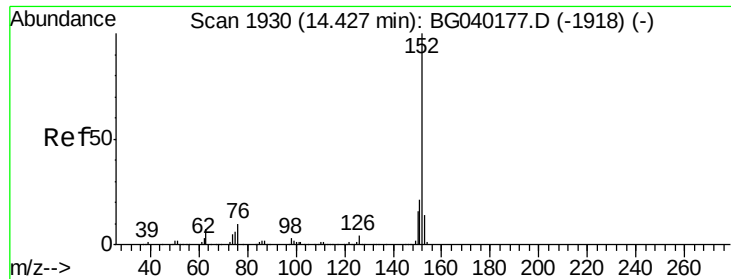
Tot Ion:162	Resp:	336497
Ion Ratio	Lower	Upper
162	100	
127	38.6	30.6 45.8
164	32.6	26.2 39.4



#48
 2-Nitroaniline
 Concen: 44.226 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. -0.03 min
 Lab File: BG040467.D
 Acq: 12 Apr 2019 18:49

Tgt Ion: 65	Resp:	123759
Ion Ratio	Lower	Upper
65	100	
92	66.7	53.8 80.6
138	98.6	86.3 129.5





#49

Acenaphthylene

Concen: 40.609 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BG040467.D

Acq: 12 Apr 2019 18:49

Instrument :

BNA_G

ClientSampleId :

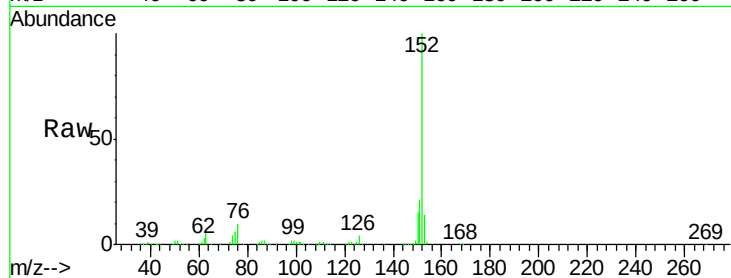
Tot Ion:152 Resp: 571208

Ion Ratio Lower Upper

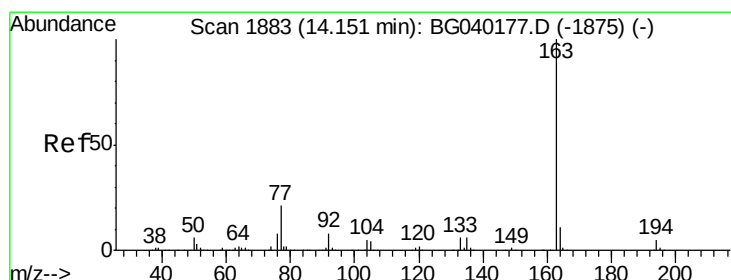
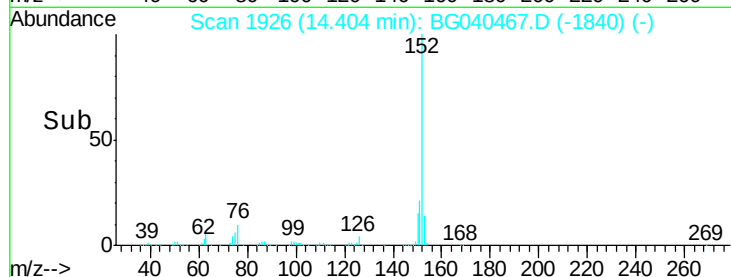
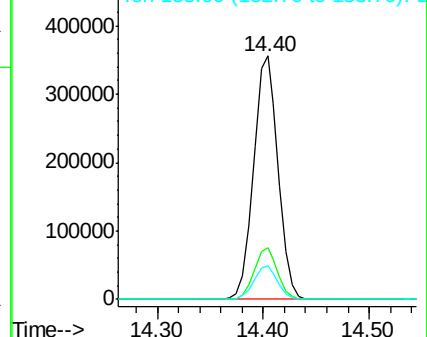
152 100

151 21.1 17.0 25.6

153 13.8 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: 42.954 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG040467.D

Acq: 12 Apr 2019 18:49

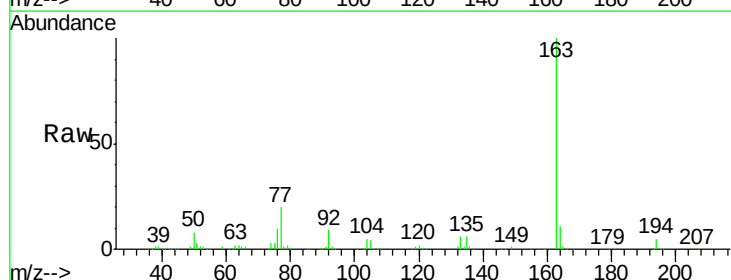
Tgt Ion:163 Resp: 460161

Ion Ratio Lower Upper

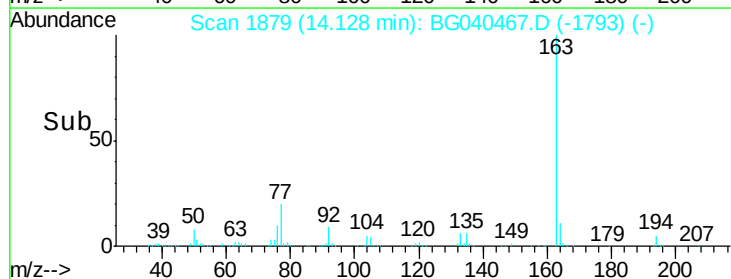
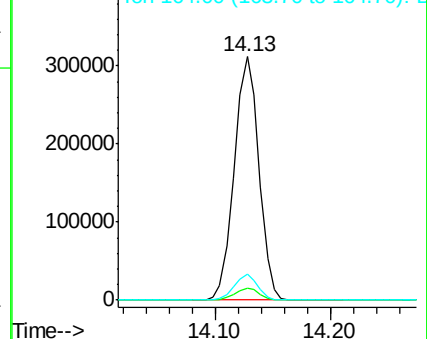
163 100

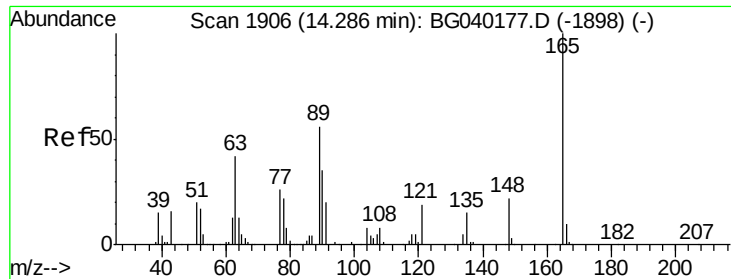
194 4.7 4.1 6.1

164 10.5 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: 43.753 ng

RT: 14.26 min Scan# 1902

Delta R.T. -0.02 min

Lab File: BG040467.D

Acq: 12 Apr 2019 18:49

Instrument :

BNA_G

ClientSampled :

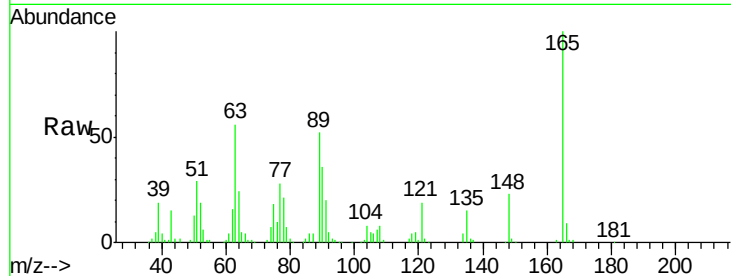
Tot Ion:165 Resp: 105244

Ion Ratio Lower Upper

165 100

63 55.7 44.1 66.1

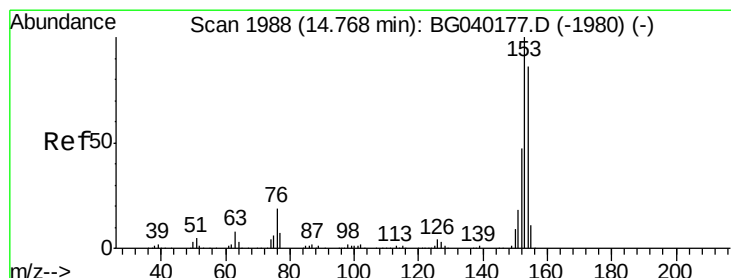
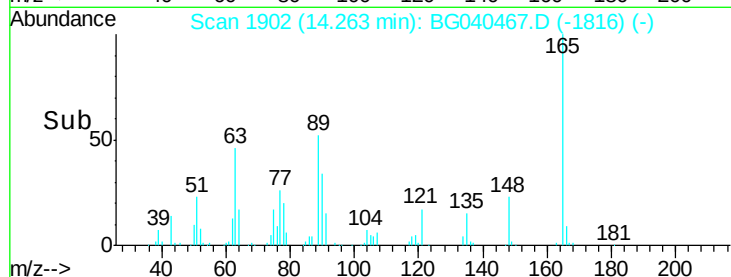
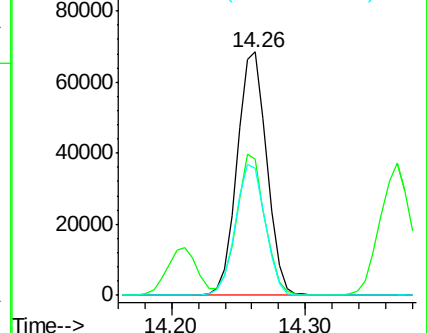
89 52.1 44.9 67.3



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: 40.946 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.03 min

Lab File: BG040467.D

Acq: 12 Apr 2019 18:49

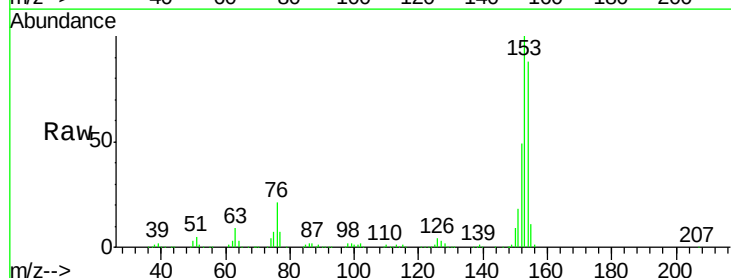
Tgt Ion:154 Resp: 330024

Ion Ratio Lower Upper

154 100

153 114.0 92.8 139.2

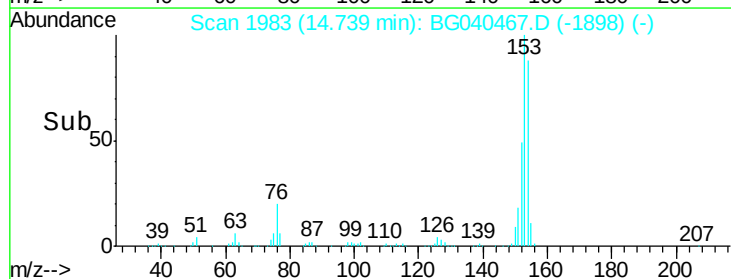
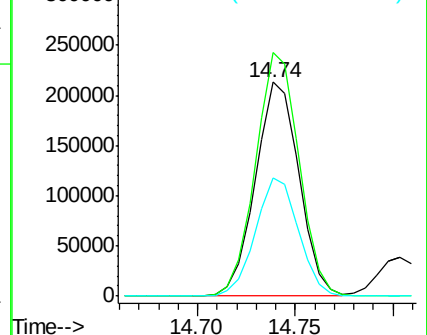
152 55.6 43.4 65.2

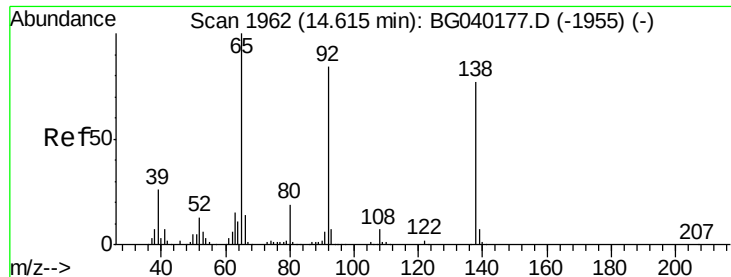


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 32.773 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.02 min

Lab File: BG040467.D

Acq: 12 Apr 2019 18:49

Instrument :

BNA_G

ClientSampleId :

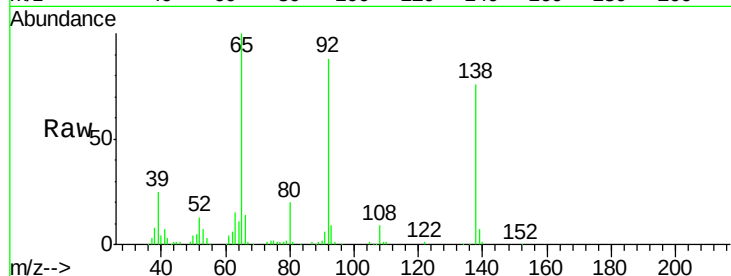
Tot Ion:138 Resp: 83446

Ion Ratio Lower Upper

138 100

108 12.1 7.8 11.8#

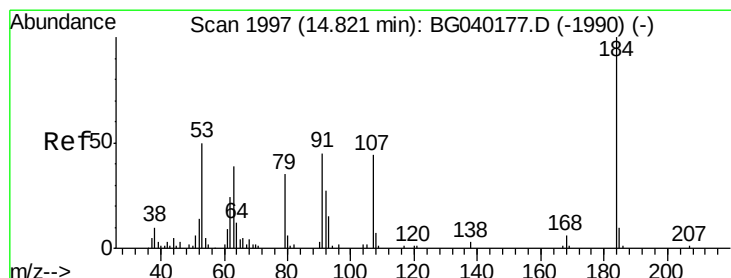
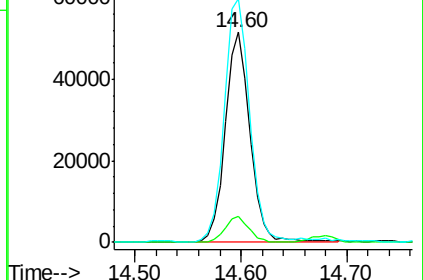
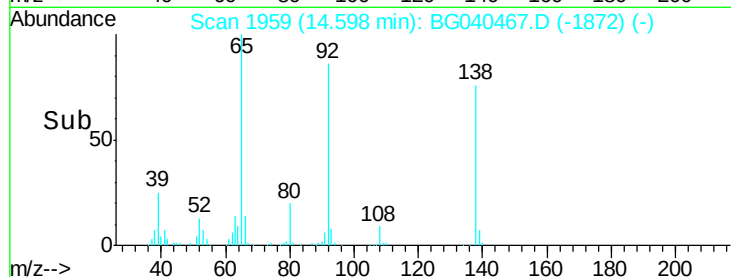
92 116.0 87.5 131.3



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): BGC



#54

2,4-Dinitrophenol

Concen: 87.900 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BG040467.D

Acq: 12 Apr 2019 18:49

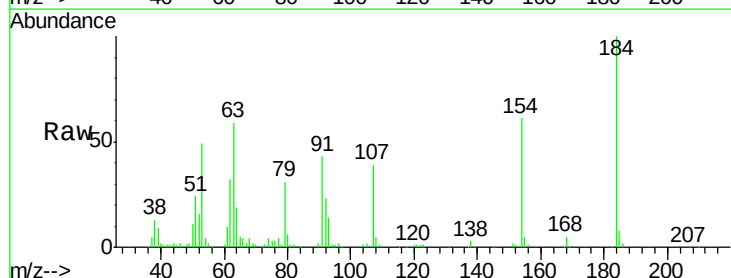
Tgt Ion:184 Resp: 112447

Ion Ratio Lower Upper

184 100

63 59.5 51.8 77.8

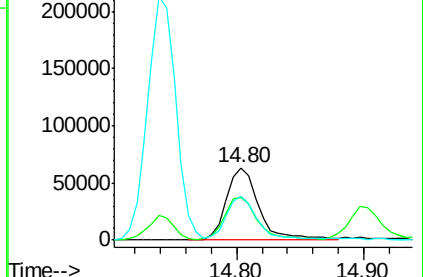
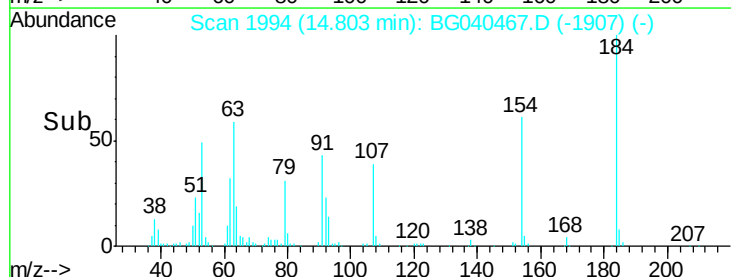
154 60.5 50.9 76.3

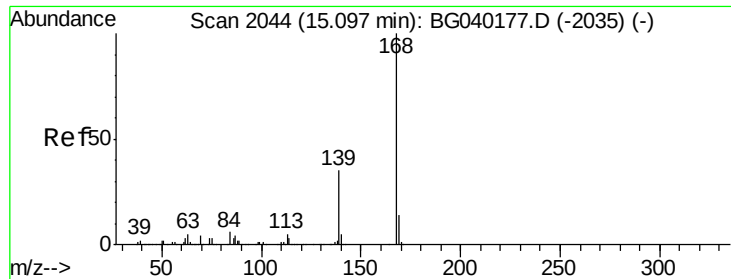


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

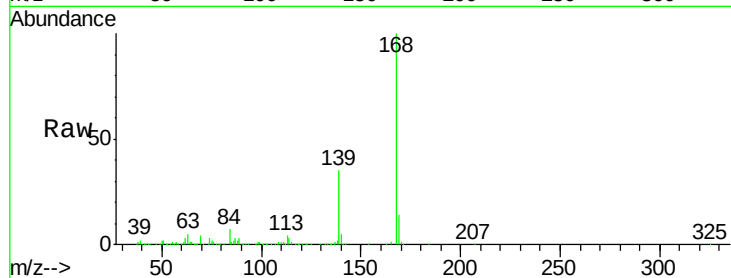




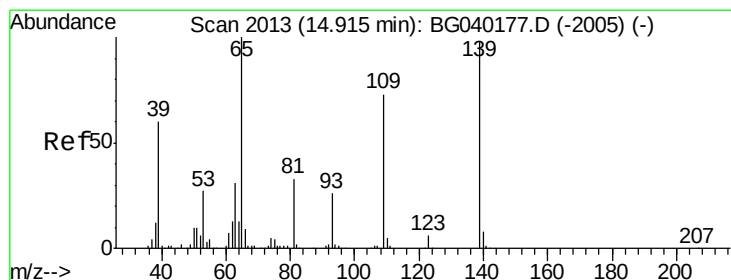
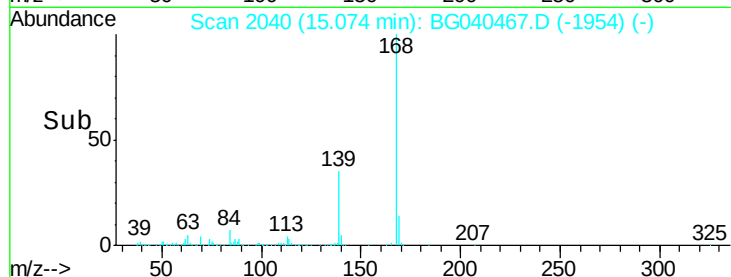
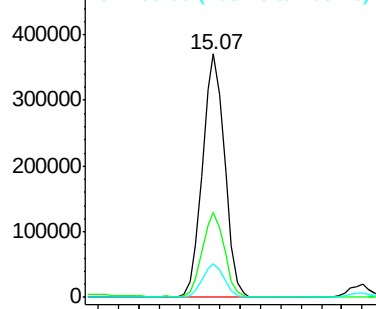
#55
Dibenzenofuran
Concen: 43.274 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BG040467.D
Acq: 12 Apr 2019 18:49

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.7	27.9	41.9
169	14.1	11.3	16.9

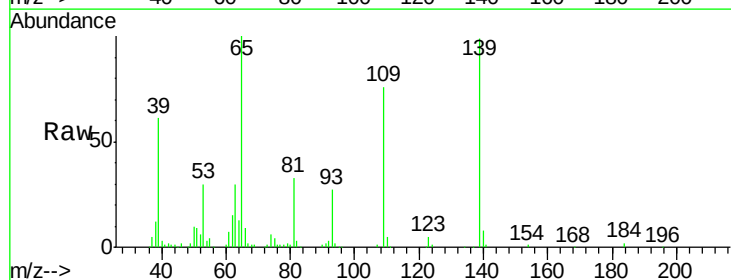


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

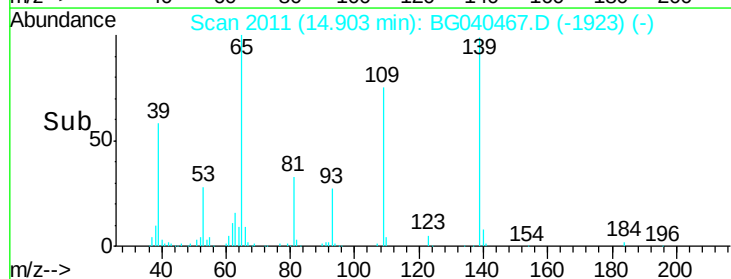
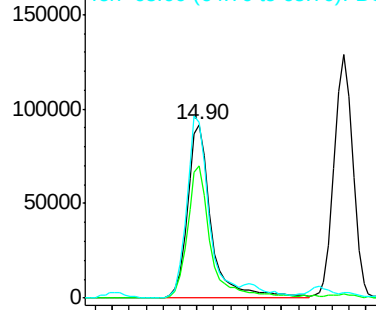


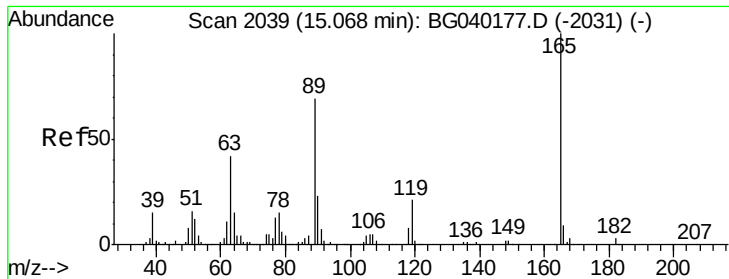
#56
4-Nitrophenol
Concen: 88.498 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG040467.D
Acq: 12 Apr 2019 18:49

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.5	54.3	94.3
65	101.4	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: 45.759 ng

RT: 15.04 min Scan# 2035

Delta R.T. -0.02 min

Lab File: BG040467.D

Acq: 12 Apr 2019 18:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 152943

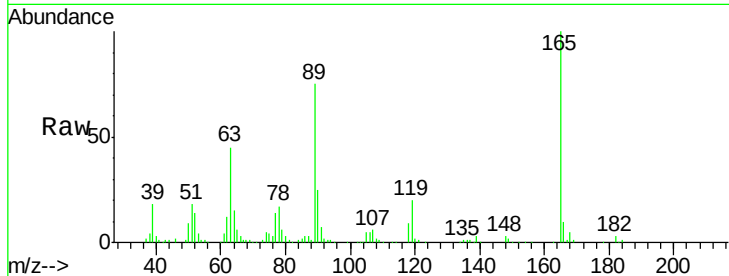
Ion Ratio Lower Upper

165 100

63 44.5 33.8 50.6

89 75.1 55.4 83.2

182 2.5 2.2 3.4

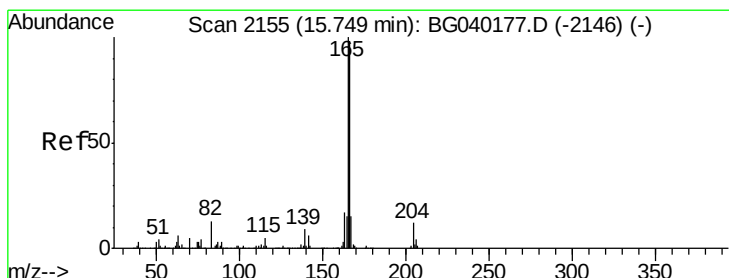
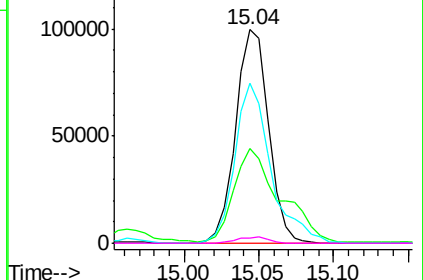
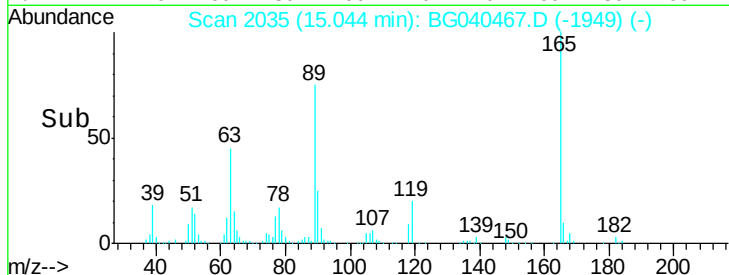


Abundance Ion 165.00 (164.70 to 165.70): E

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: 43.376 ng

RT: 15.72 min Scan# 2150

Delta R.T. -0.03 min

Lab File: BG040467.D

Acq: 12 Apr 2019 18:49

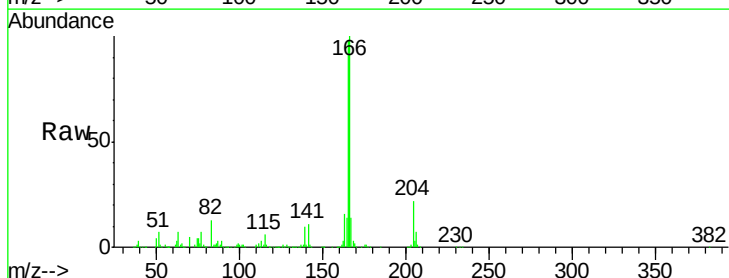
Tgt Ion:166 Resp: 441677

Ion Ratio Lower Upper

166 100

165 98.2 81.7 122.5

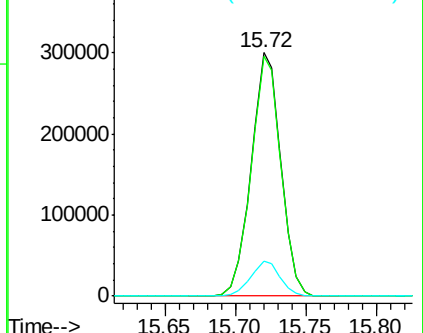
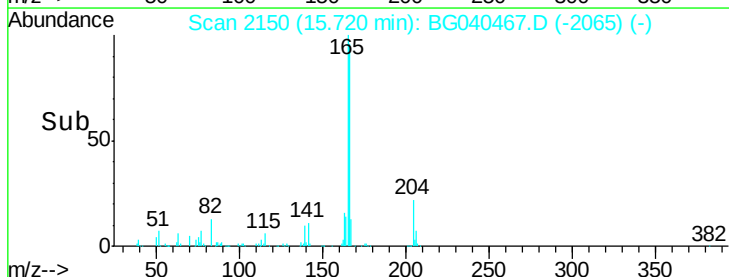
167 14.5 11.9 17.9

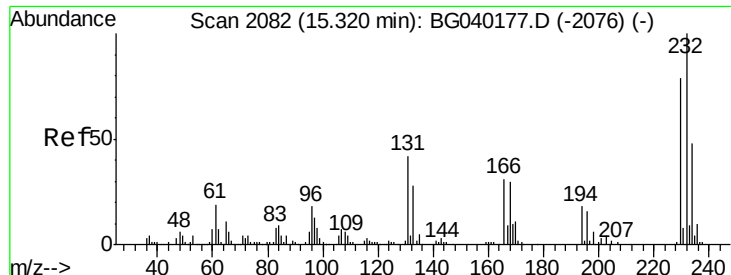


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

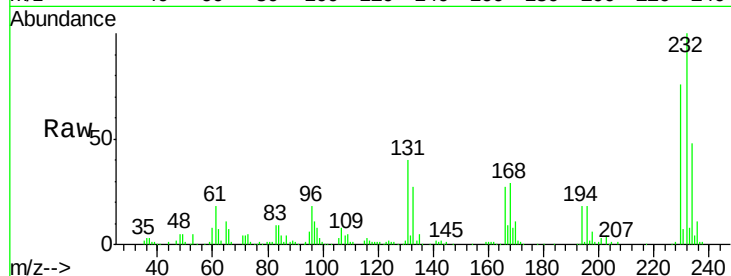




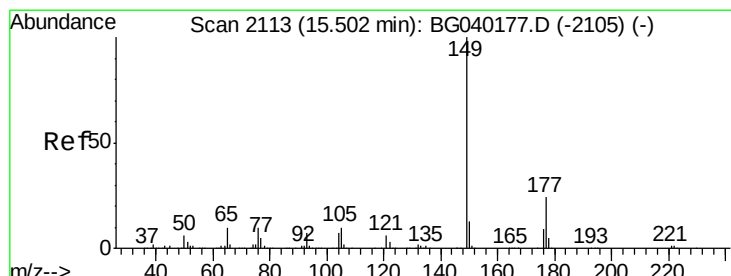
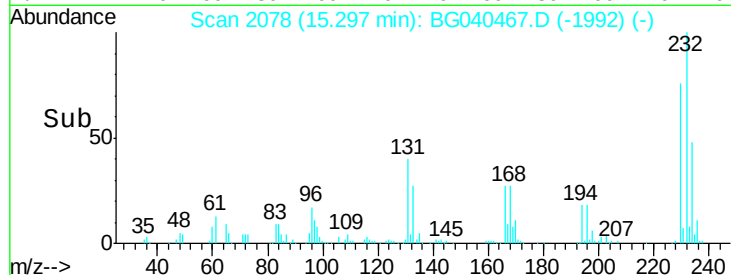
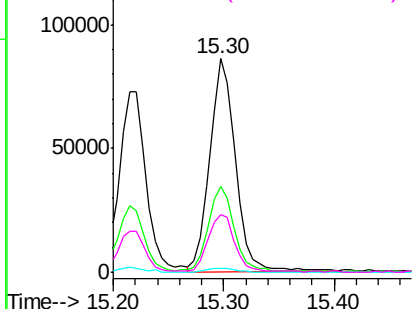
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.530 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.02 min
 Lab File: BG040467.D
 Acq: 12 Apr 2019 18:49

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:232	Resp:	137413
Ion Ratio	Lower	Upper
232	100	
131	41.2	32.9 49.3
130	2.3	1.8 2.8
166	27.4	23.5 35.3

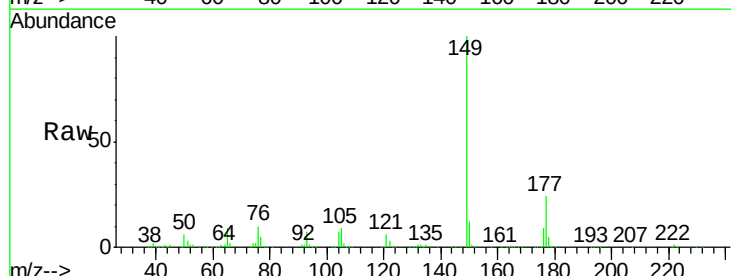


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

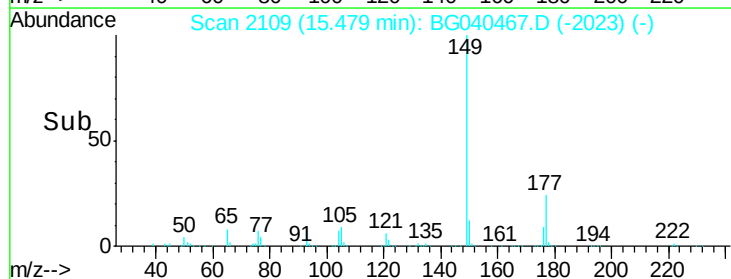
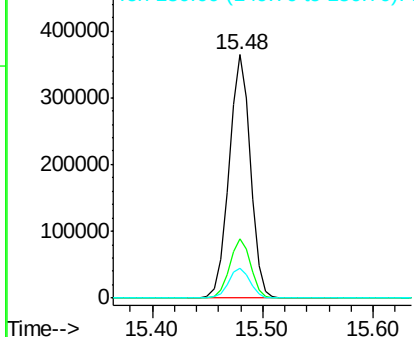


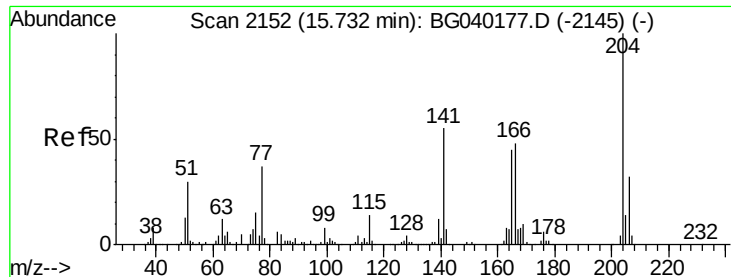
#60
 Diethylphthalate
 Concen: 44.915 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.02 min
 Lab File: BG040467.D
 Acq: 12 Apr 2019 18:49

Tgt Ion:149	Resp:	492373
Ion Ratio	Lower	Upper
149	100	
177	24.3	19.1 28.7
150	12.5	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

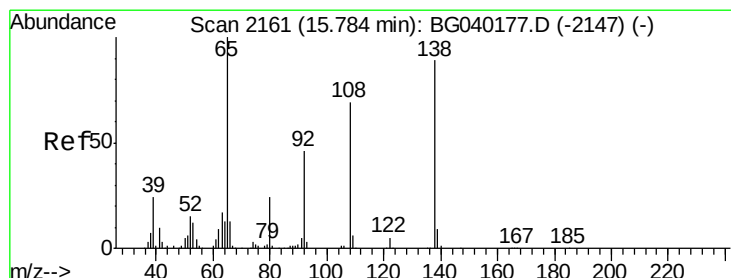
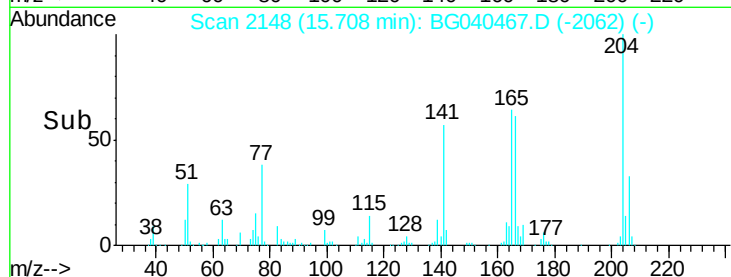
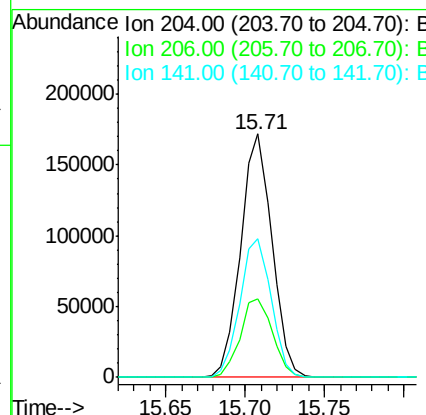
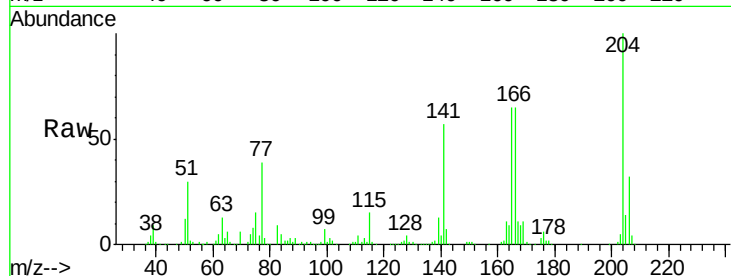




#61
4-Chlorophenyl-phenylether
Concen: 43.188 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.02 min
Lab File: BG040467.D
Acq: 12 Apr 2019 18:49

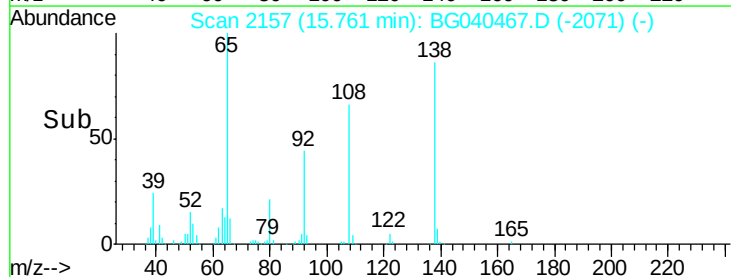
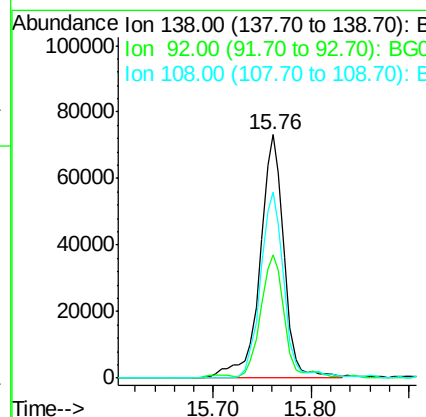
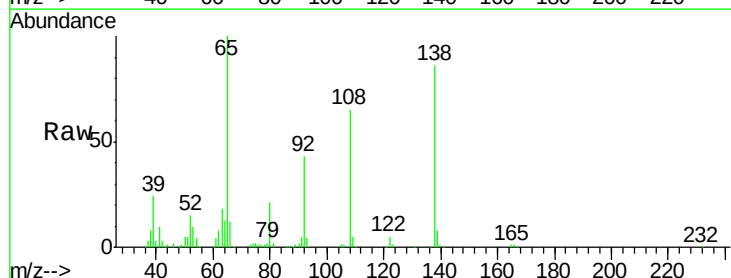
Instrument :
BNA_G
ClientSampled :

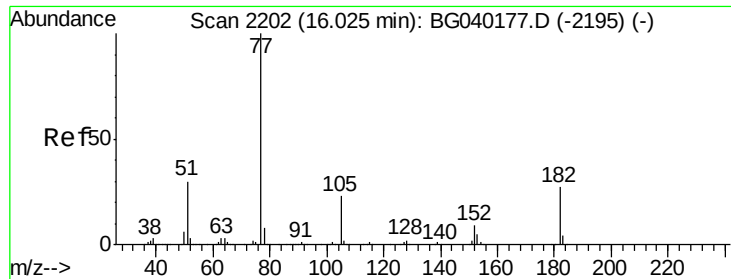
Tot Ion:204 Resp: 235063
Ion Ratio Lower Upper
204 100
206 32.5 25.7 38.5
141 56.9 44.0 66.0



#62
4-Nitroaniline
Concen: 46.573 ng
RT: 15.76 min Scan# 2157
Delta R.T. -0.02 min
Lab File: BG040467.D
Acq: 12 Apr 2019 18:49

Tgt Ion:138 Resp: 127261
Ion Ratio Lower Upper
138 100
92 50.6 31.8 71.8
108 76.6 57.2 97.2





#63

Azobenzene

Concen: 43.720 ng

RT: 16.00 min Scan# 2198

Delta R.T. -0.02 min

Lab File: BG040467.D

Acq: 12 Apr 2019 18:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 452085

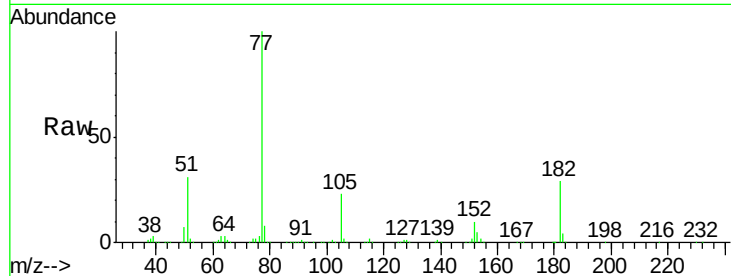
Ion Ratio Lower Upper

77 100

182 29.2 7.2 47.2

105 22.5 2.8 42.8

51 31.3 10.4 50.4

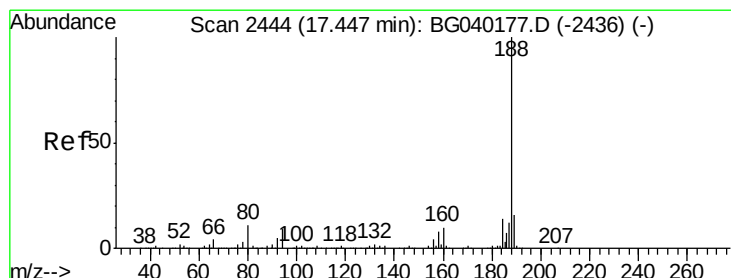
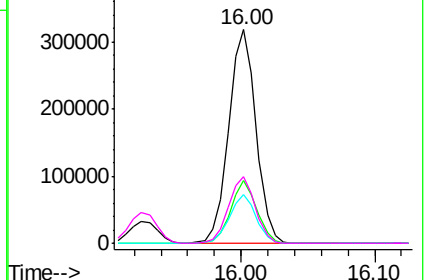
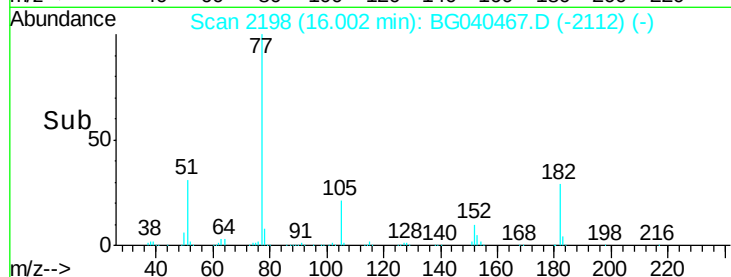


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2440

Delta R.T. -0.02 min

Lab File: BG040467.D

Acq: 12 Apr 2019 18:49

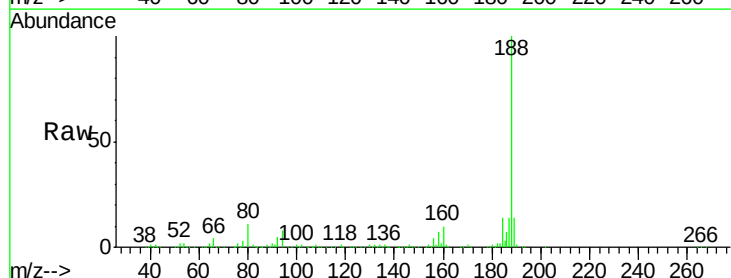
Tgt Ion: 188 Resp: 369661

Ion Ratio Lower Upper

188 100

94 8.1 7.0 10.4

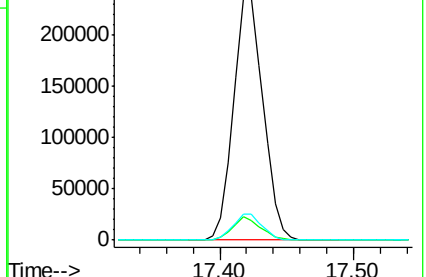
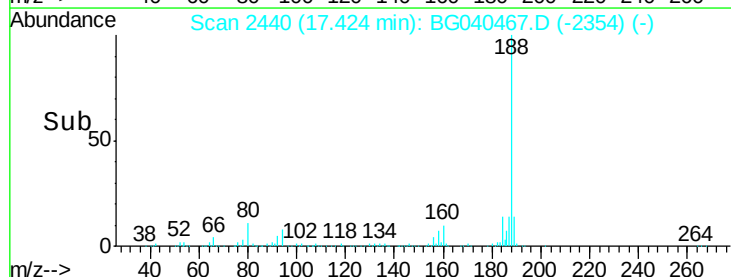
80 10.6 8.6 13.0

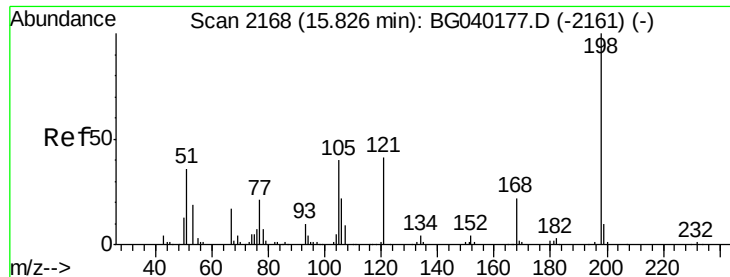


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

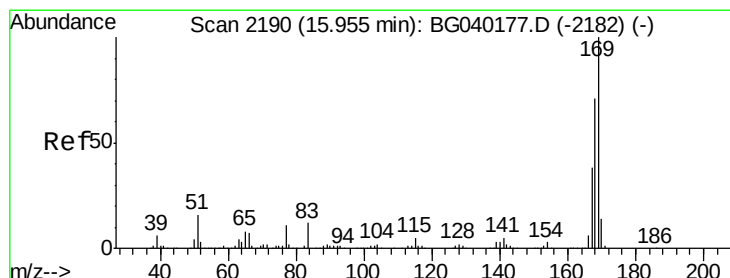
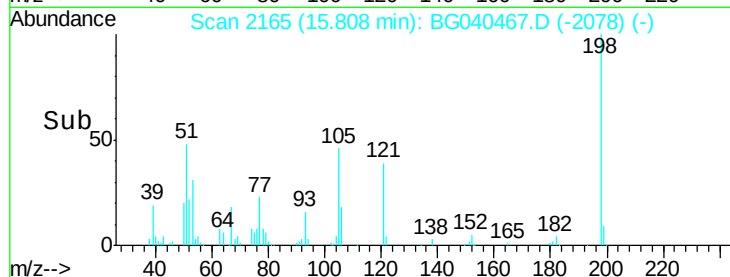
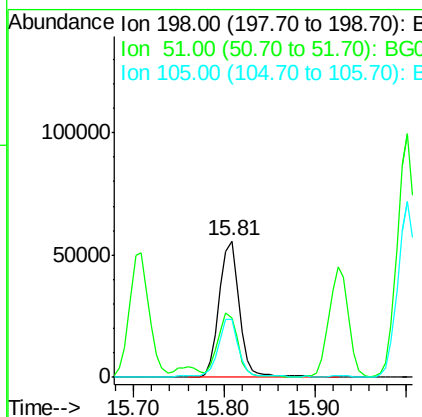
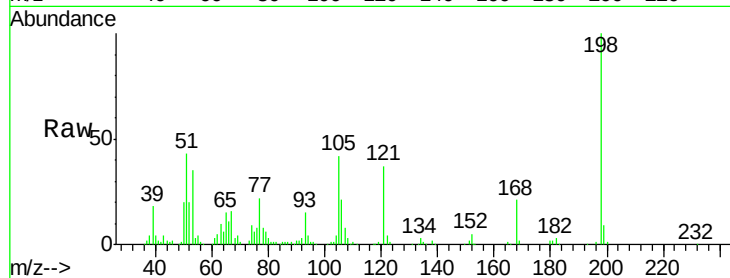




#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.684 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. -0.02 min
 Lab File: BG040467.D
 Acq: 12 Apr 2019 18:49

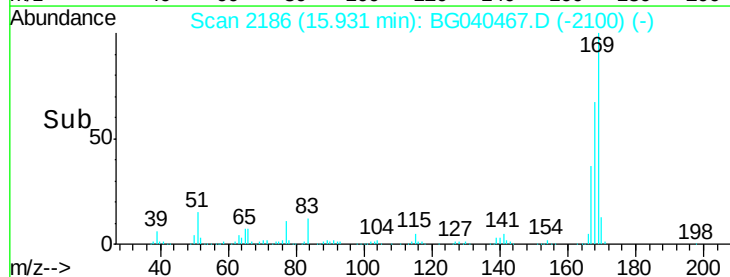
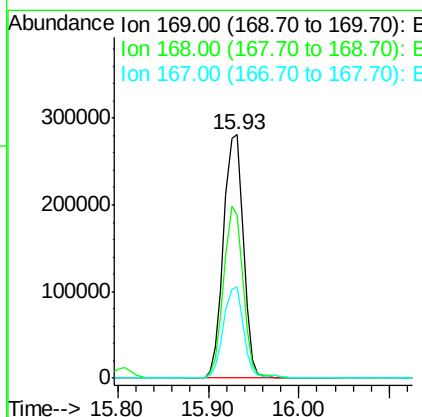
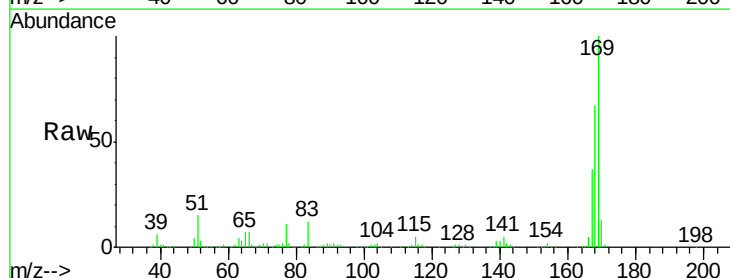
Instrument :
 BNA_G
 ClientSampleId :

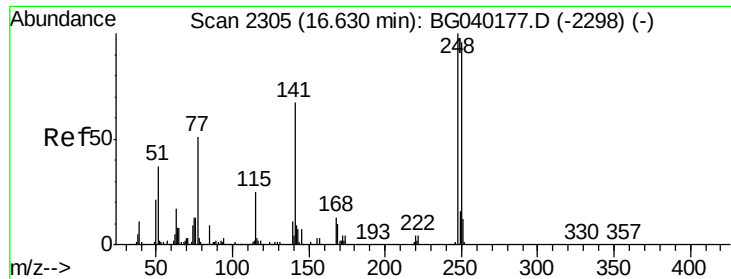
Tot Ion:198 Resp: 86570
 Ion Ratio Lower Upper
 198 100
 51 43.4 27.3 67.3
 105 42.3 21.7 61.7



#66
 n-Nitrosodiphenylamine
 Concen: 39.642 ng
 RT: 15.93 min Scan# 2186
 Delta R.T. -0.02 min
 Lab File: BG040467.D
 Acq: 12 Apr 2019 18:49

Tgt Ion:169 Resp: 428825
 Ion Ratio Lower Upper
 169 100
 168 67.0 56.8 85.2
 167 37.4 30.2 45.4

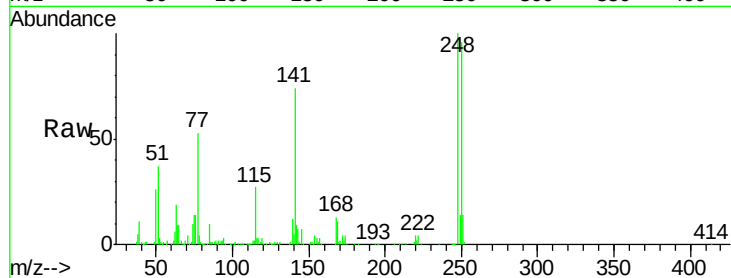




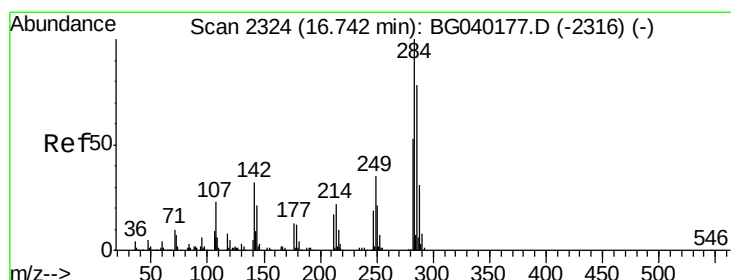
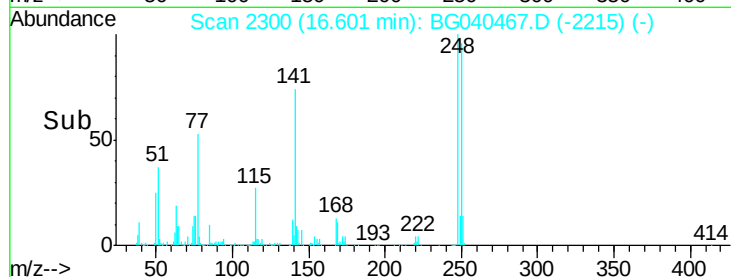
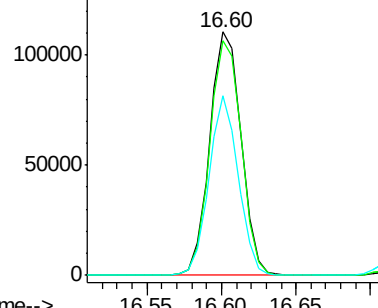
#67
4-Bromophenyl-phenylether
Concen: 38.679 ng
RT: 16.60 min Scan# 2300
Delta R.T. -0.03 min
Lab File: BG040467.D
Acq: 12 Apr 2019 18:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 160903
Ion Ratio Lower Upper
248 100
250 96.2 76.4 114.6
141 73.7 53.8 80.8

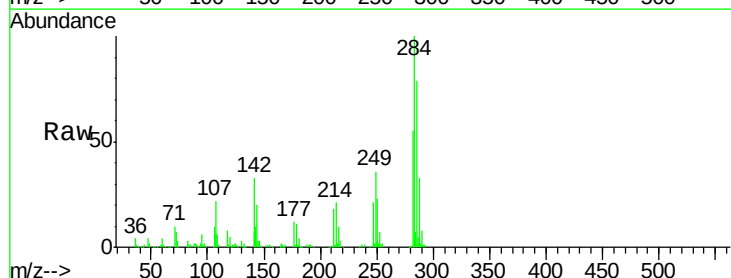


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

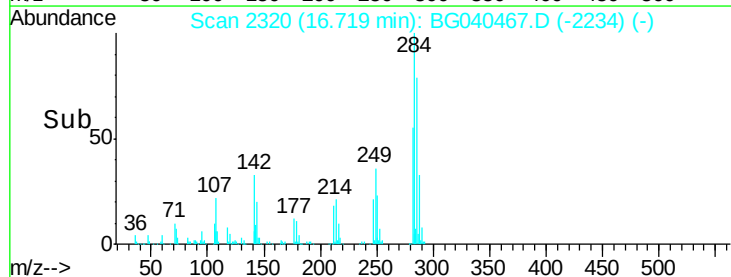
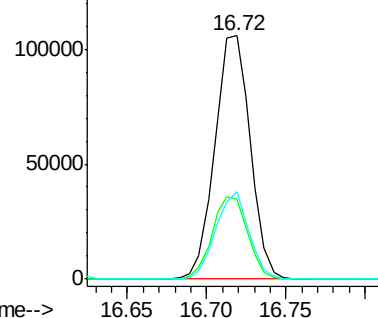


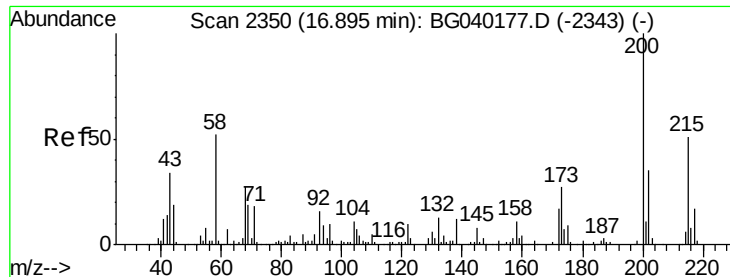
#68
Hexachlorobenzene
Concen: 39.111 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.02 min
Lab File: BG040467.D
Acq: 12 Apr 2019 18:49

Tgt Ion:284 Resp: 163590
Ion Ratio Lower Upper
284 100
142 32.9 25.3 37.9
249 35.7 28.2 42.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 40.081 ng

RT: 16.87 min Scan# 2346

Delta R.T. -0.02 min

Lab File: BG040467.D

Acq: 12 Apr 2019 18:49

Instrument :

BNA_G

ClientSampleId :

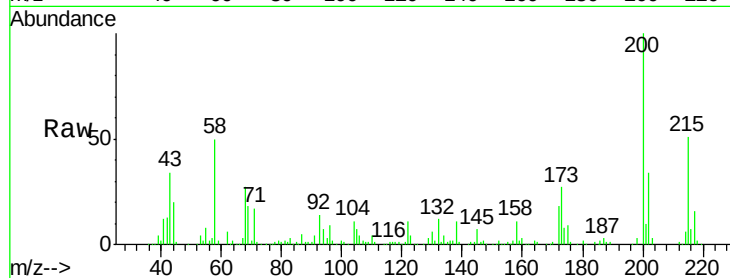
Tot Ion:200 Resp: 161286

Ion Ratio Lower Upper

200 100

173 26.6 7.1 47.1

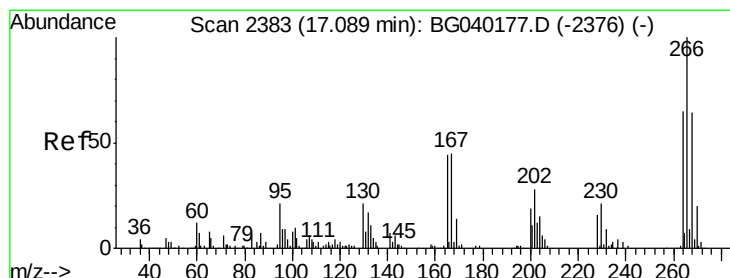
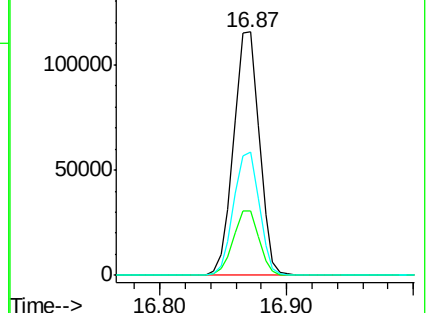
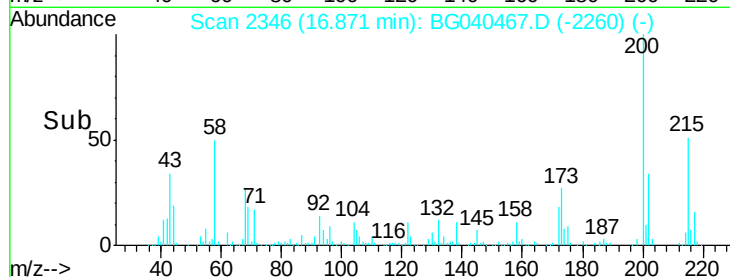
215 50.6 30.9 70.9



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: 78.507 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.02 min

Lab File: BG040467.D

Acq: 12 Apr 2019 18:49

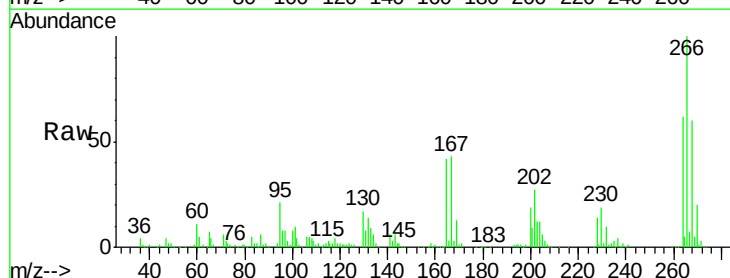
Tgt Ion:266 Resp: 189842

Ion Ratio Lower Upper

266 100

268 60.0 55.0 82.4

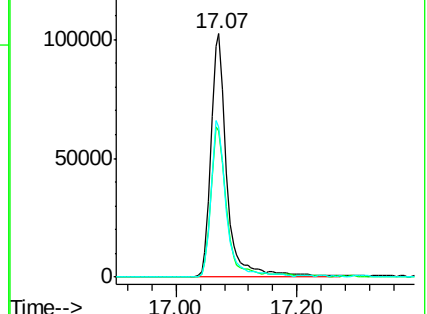
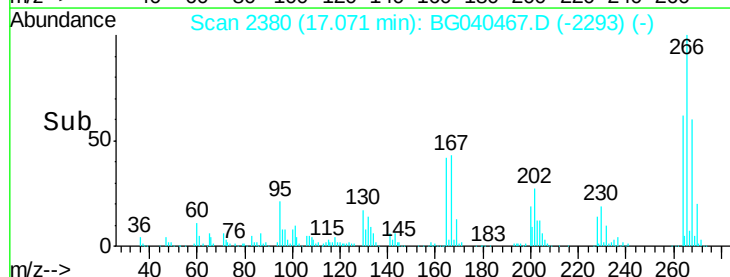
264 61.7 51.8 77.8

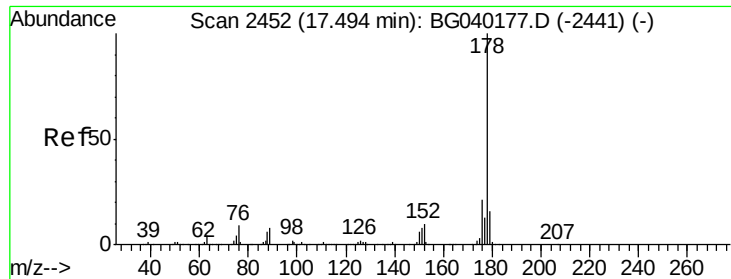


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

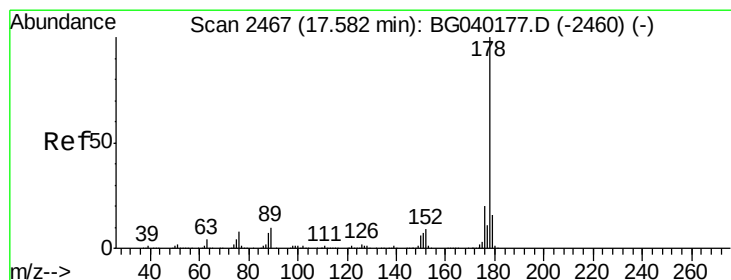
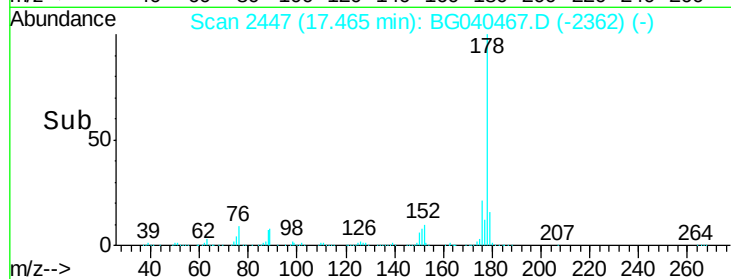
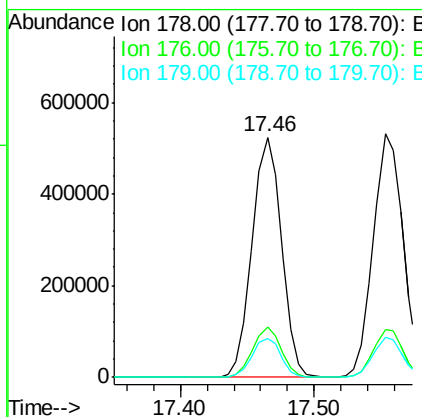
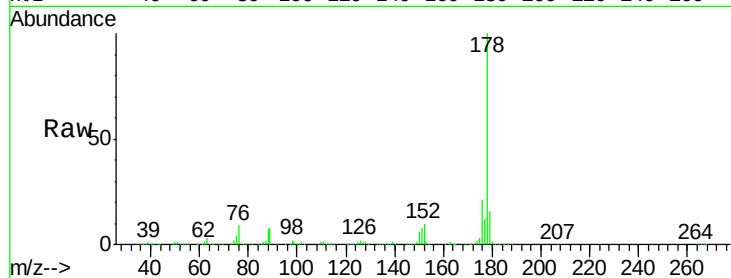




#71
Phenanthrene
Concen: 40.979 ng
RT: 17.46 min Scan# 2447
Delta R.T. -0.03 min
Lab File: BG040467.D
Acq: 12 Apr 2019 18:49

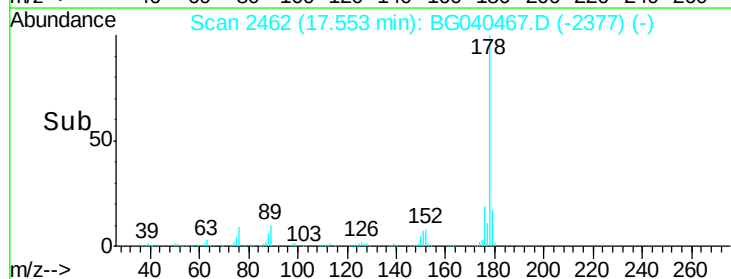
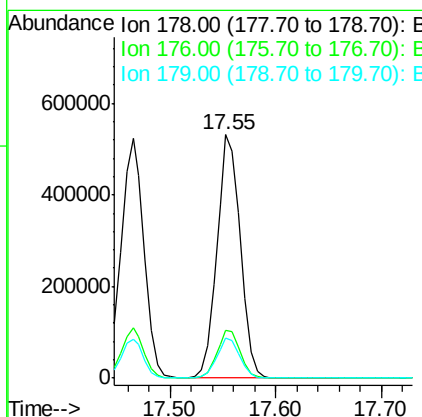
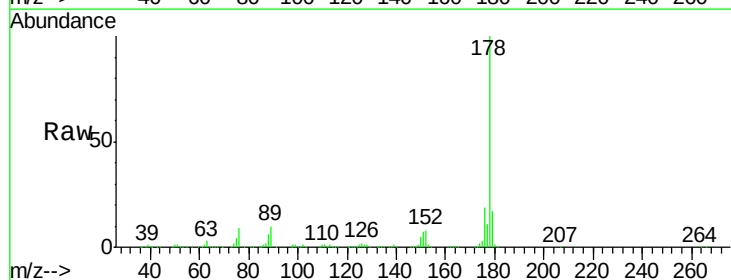
Instrument :
BNA_G
ClientSampleId :

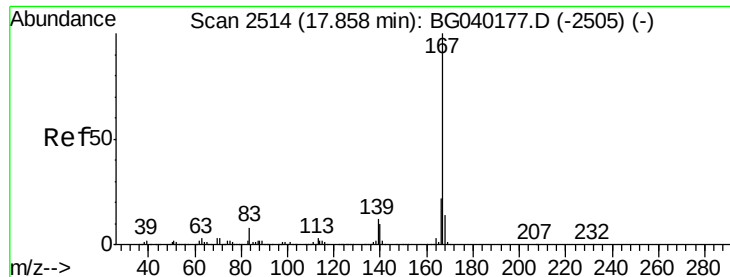
Tot Ion:178 Resp: 796219
Ion Ratio Lower Upper
178 100
176 20.9 16.7 25.1
179 15.9 12.8 19.2



#72
Anthracene
Concen: 42.075 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.03 min
Lab File: BG040467.D
Acq: 12 Apr 2019 18:49

Tgt Ion:178 Resp: 818270
Ion Ratio Lower Upper
178 100
176 19.4 15.9 23.9
179 16.7 12.9 19.3





#73

Carbazole

Concen: 42.674 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.03 min

Lab File: BG040467.D

Acq: 12 Apr 2019 18:49

Instrument :

BNA_G

ClientSampleId :

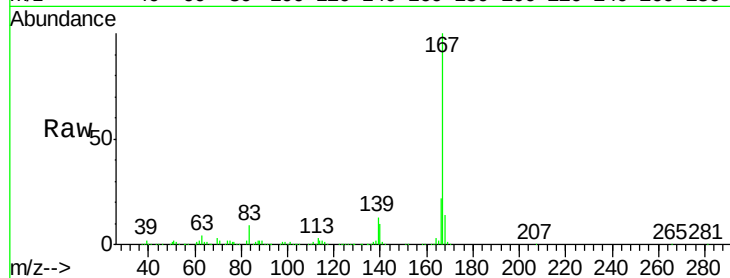
Tot Ion:167 Resp: 785430

Ion Ratio Lower Upper

167 100

166 21.9 17.5 26.3

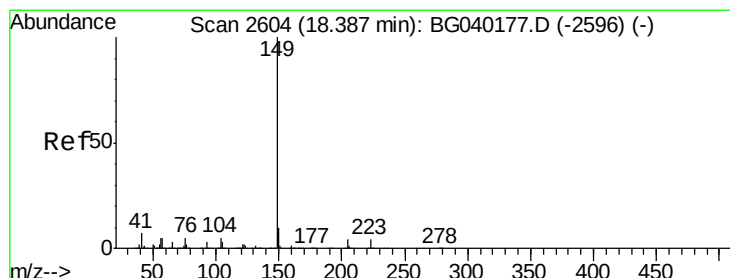
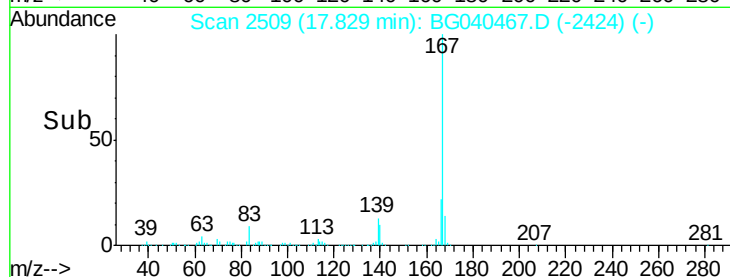
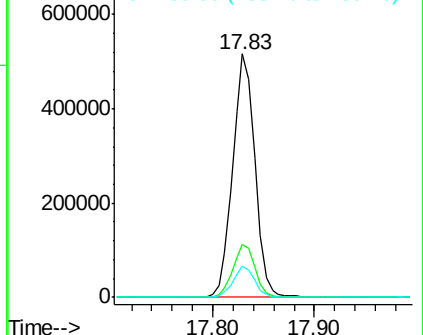
139 12.7 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.695 ng

RT: 18.36 min Scan# 2599

Delta R.T. -0.03 min

Lab File: BG040467.D

Acq: 12 Apr 2019 18:49

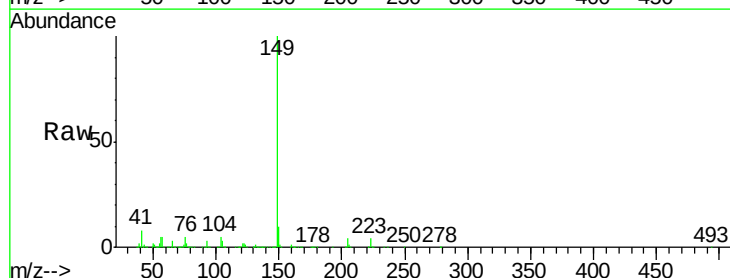
Tgt Ion:149 Resp: 953291

Ion Ratio Lower Upper

149 100

150 10.0 7.9 11.9

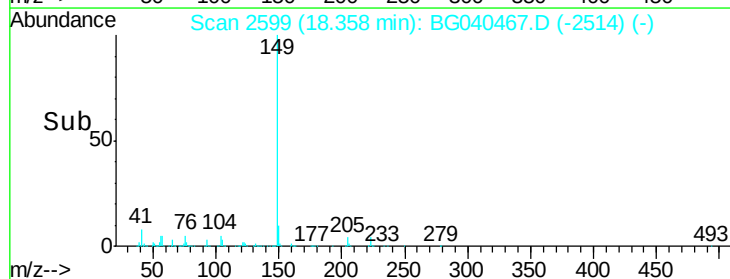
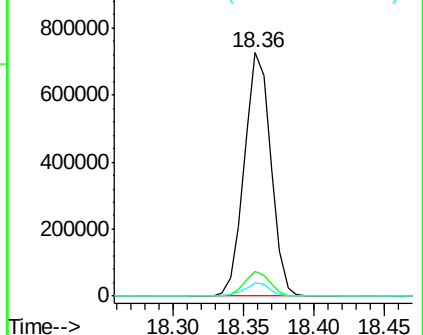
104 5.5 4.1 6.1

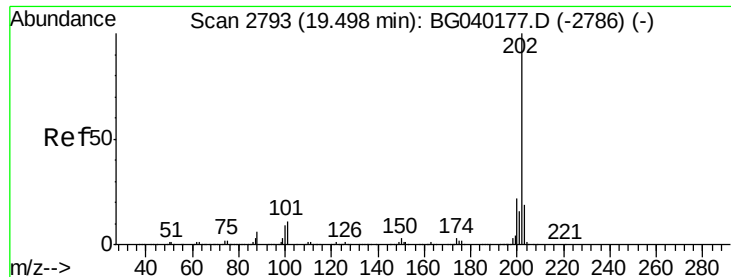


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.124 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.03 min

Lab File: BG040467.D

Acq: 12 Apr 2019 18:49

Instrument :

BNA_G

ClientSampleId :

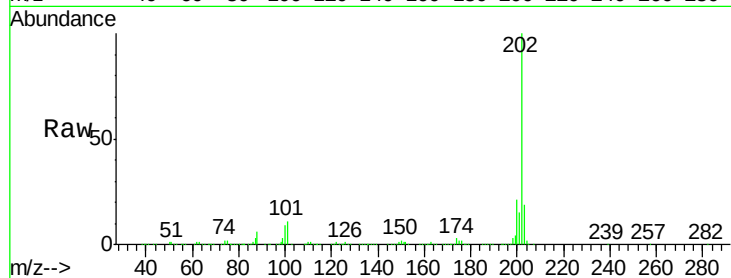
Tot Ion:202 Resp: 1015200

Ion Ratio Lower Upper

202 100

101 11.3 0.0 30.8

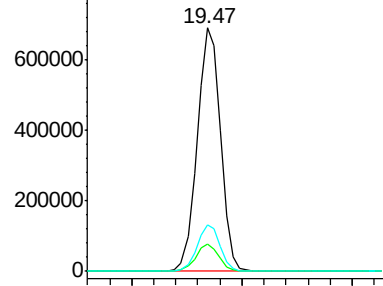
203 18.9 0.0 38.9



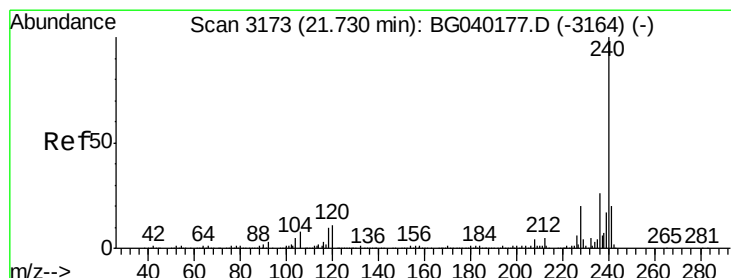
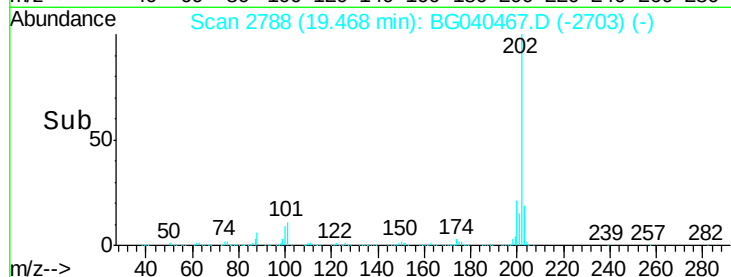
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.04 min

Lab File: BG040467.D

Acq: 12 Apr 2019 18:49

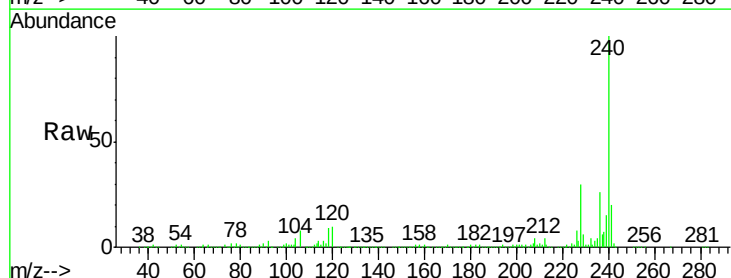
Tgt Ion:240 Resp: 388582

Ion Ratio Lower Upper

240 100

120 10.0 8.4 12.6

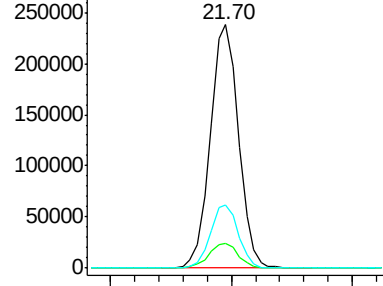
236 26.1 20.8 31.2



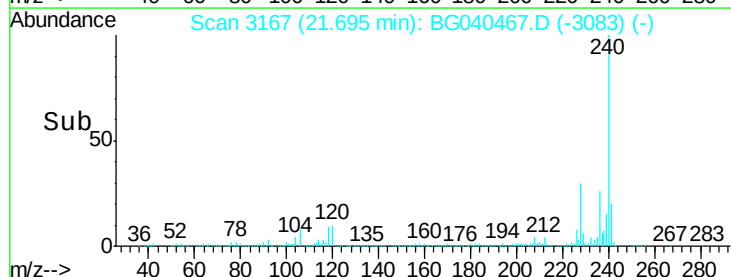
Abundance Ion 240.00 (239.70 to 240.70): E

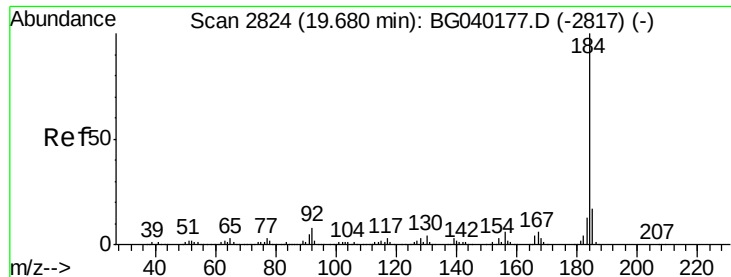
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 25.979 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BG040467.D

Acq: 12 Apr 2019 18:49

Instrument :

BNA_G

ClientSampleId :

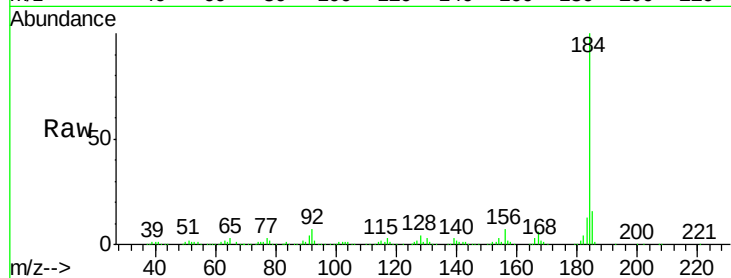
Tot Ion:184 Resp: 364538

Ion Ratio Lower Upper

184 100

185 15.9 13.3 19.9

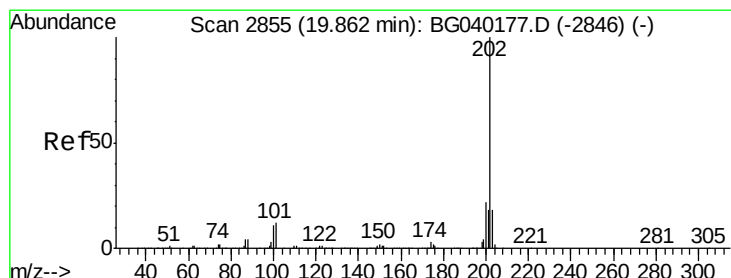
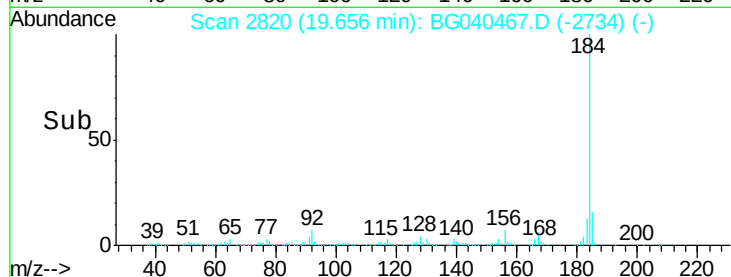
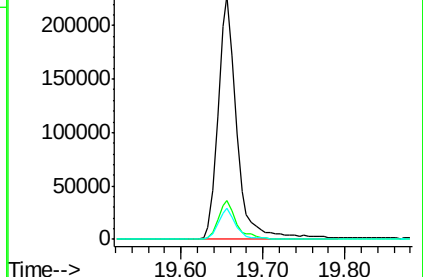
183 13.0 10.3 15.5



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: 39.391 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.03 min

Lab File: BG040467.D

Acq: 12 Apr 2019 18:49

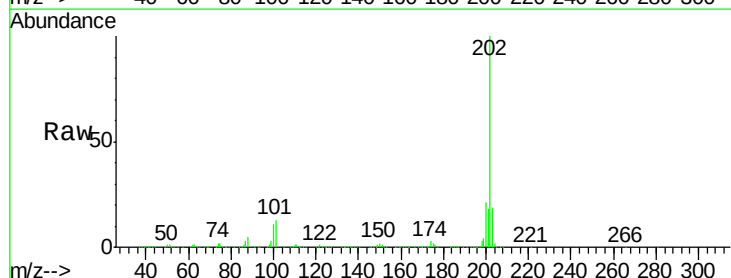
Tgt Ion:202 Resp: 1006571

Ion Ratio Lower Upper

202 100

200 21.5 17.3 25.9

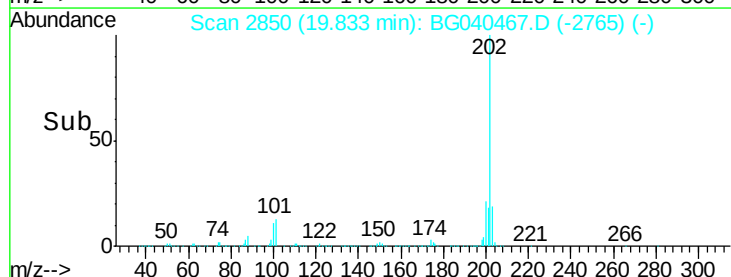
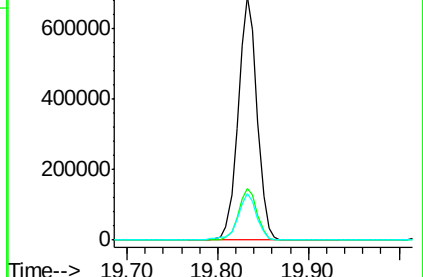
203 19.0 14.6 22.0

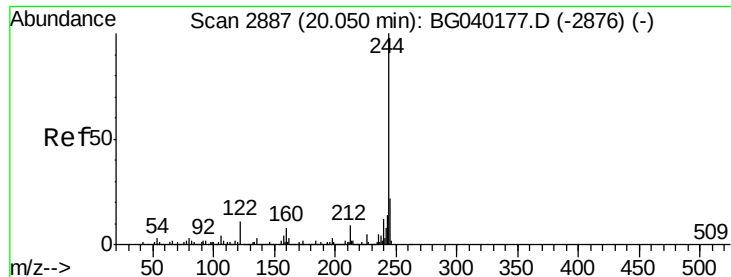


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.108 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040467.D

Acq: 12 Apr 2019 18:49

Instrument :

BNA_G

ClientSampled :

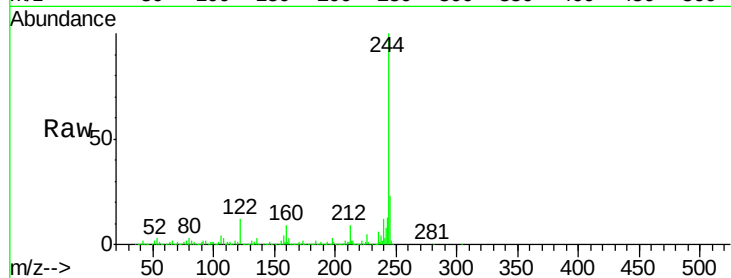
Tot Ion:244 Resp: 1435523

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.0	10.6
122	11.8	8.5	12.7

244 100

212 9.1 7.0 10.6

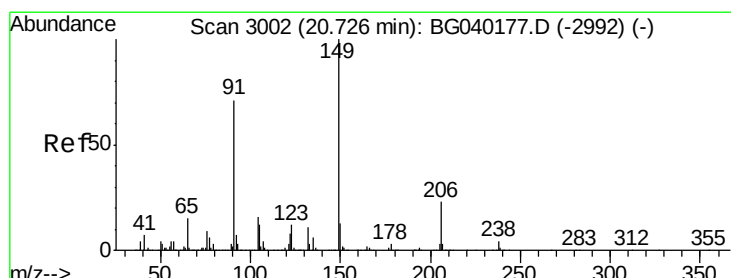
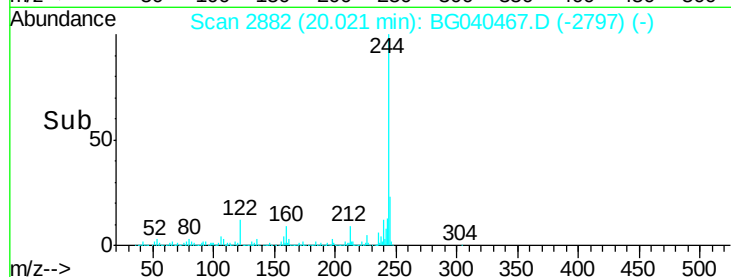
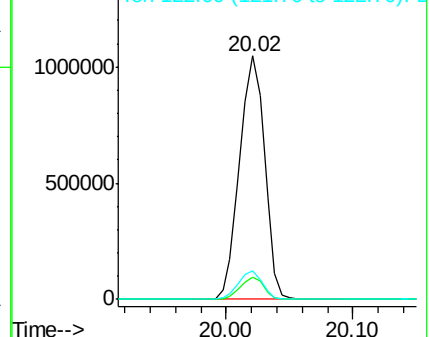
122 11.8 8.5 12.7



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: 42.115 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.02 min

Lab File: BG040467.D

Acq: 12 Apr 2019 18:49

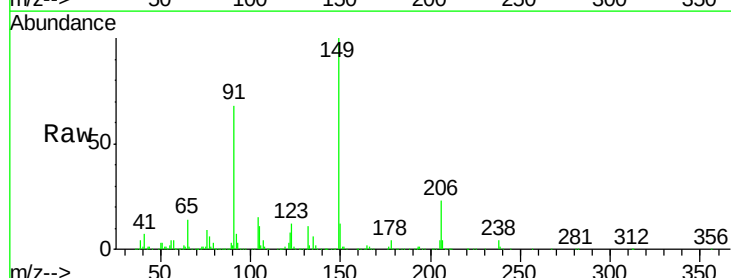
Tgt Ion:149 Resp: 460520

Ion	Ratio	Lower	Upper
149	100		
91	67.8	57.0	85.4
206	22.8	18.2	27.4

149 100

91 67.8 57.0 85.4

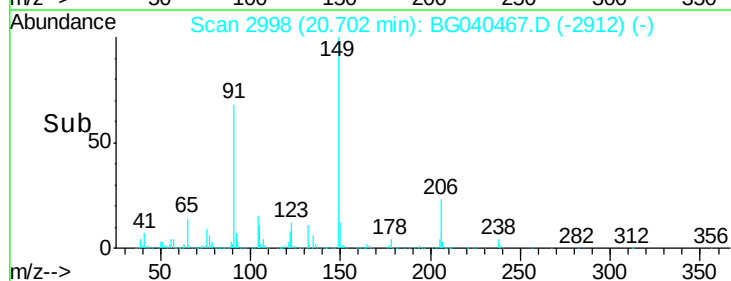
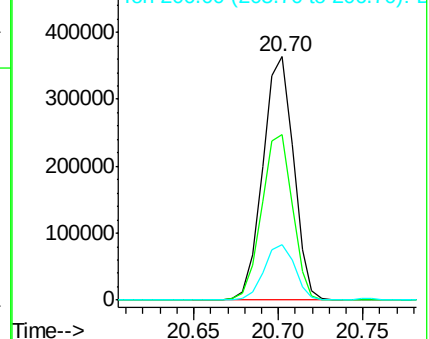
206 22.8 18.2 27.4

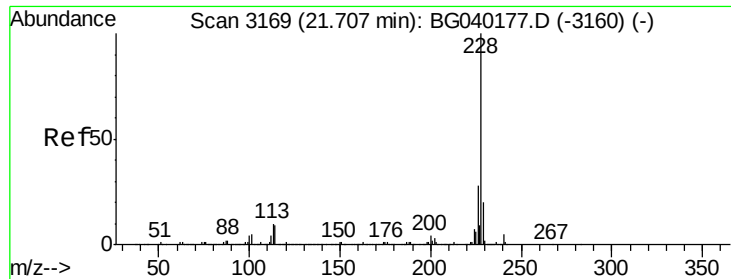


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E

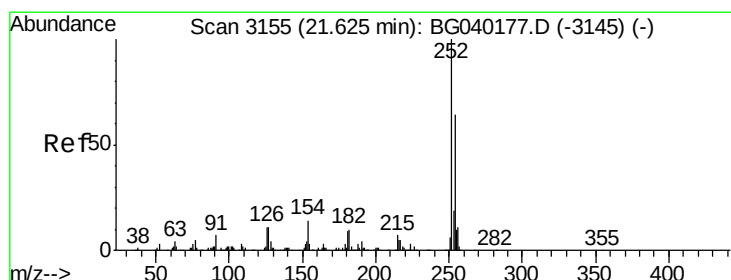
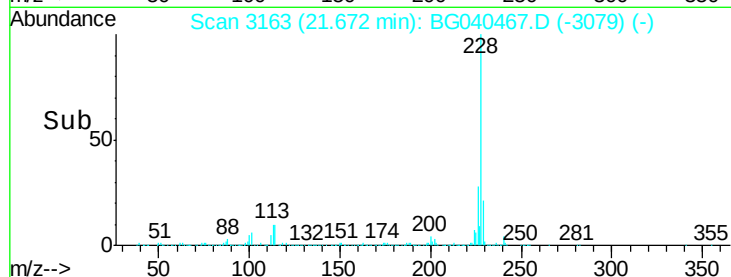
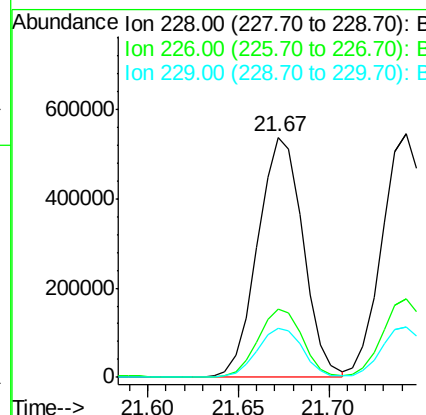
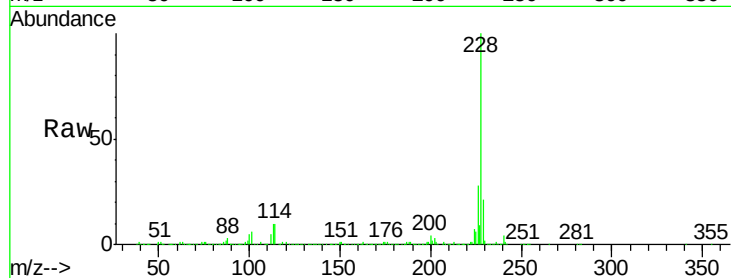




#81
Benzo(a)anthracene
Concen: 38.925 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.04 min
Lab File: BG040467.D
Acq: 12 Apr 2019 18:49

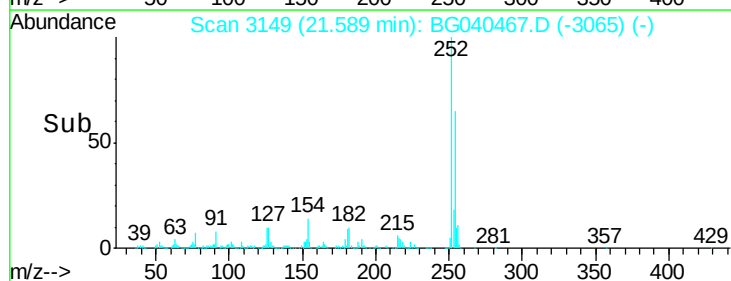
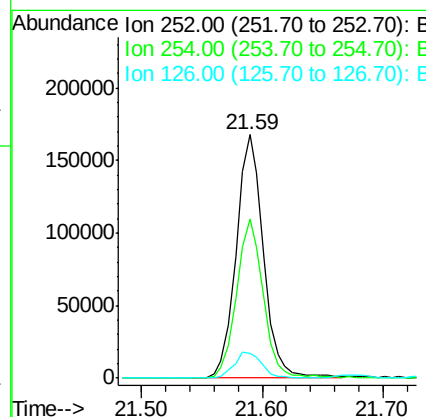
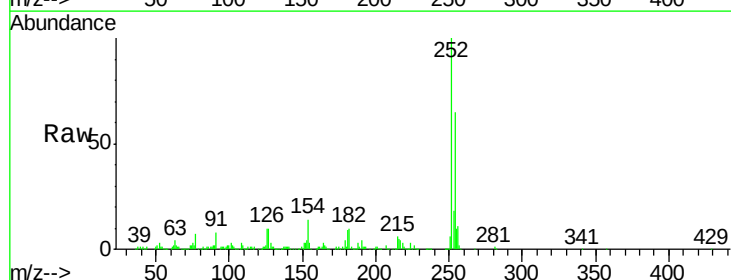
Instrument :
BNA_G
ClientSampleId :

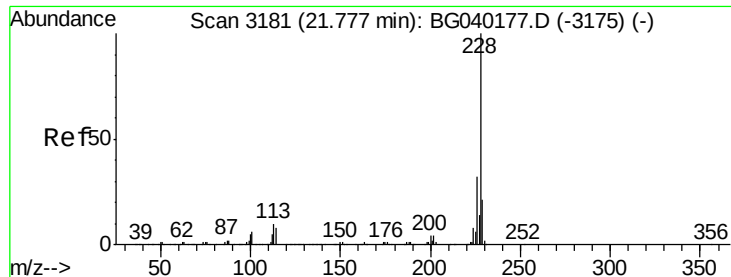
Tot Ion:228 Resp: 931661
Ion Ratio Lower Upper
228 100
226 28.5 22.6 34.0
229 20.6 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 28.971 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.04 min
Lab File: BG040467.D
Acq: 12 Apr 2019 18:49

Tgt Ion:252 Resp: 263777
Ion Ratio Lower Upper
252 100
254 65.1 51.4 77.2
126 10.3 8.5 12.7

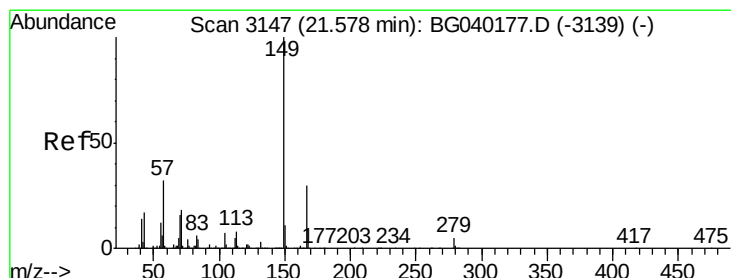
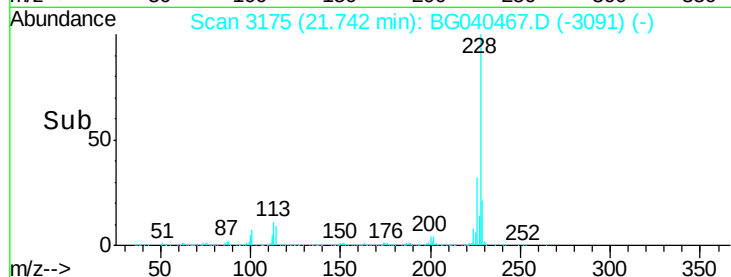
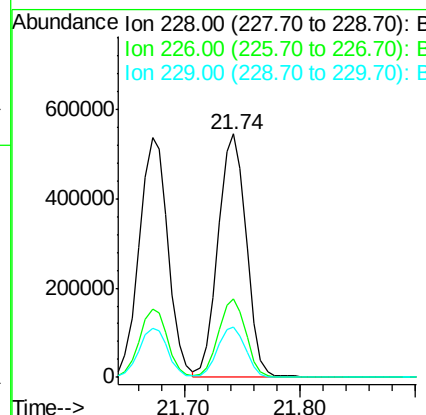
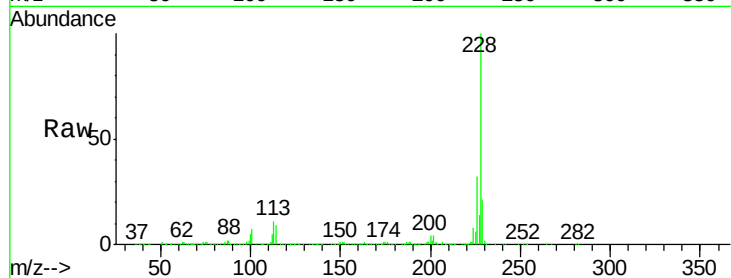




#83
 Chrysene
 Concen: 39.865 ng
 RT: 21.74 min Scan# 3175
 Delta R.T. -0.04 min
 Lab File: BG040467.D
 Acq: 12 Apr 2019 18:49

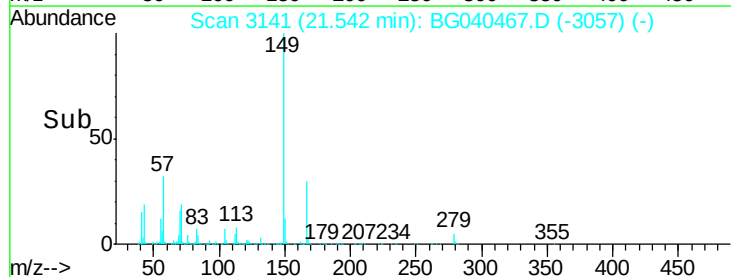
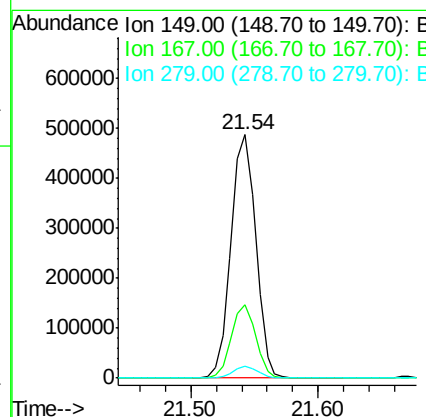
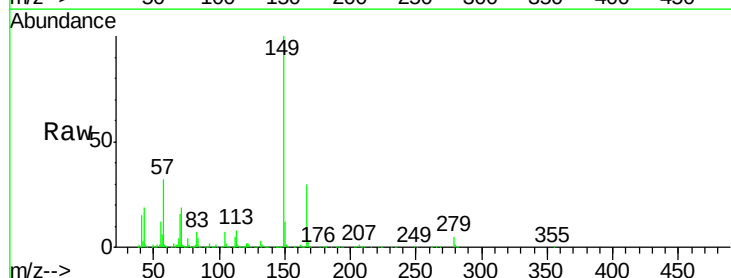
Instrument :
 BNA_G
 ClientSampleId :

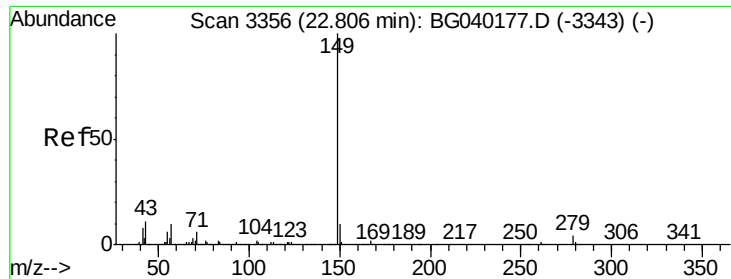
Tot Ion:228 Resp: 917004
 Ion Ratio Lower Upper
 228 100
 226 32.0 25.4 38.0
 229 20.7 17.0 25.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.257 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.04 min
 Lab File: BG040467.D
 Acq: 12 Apr 2019 18:49

Tgt Ion:149 Resp: 660517
 Ion Ratio Lower Upper
 149 100
 167 30.1 24.1 36.1
 279 4.9 4.1 6.1

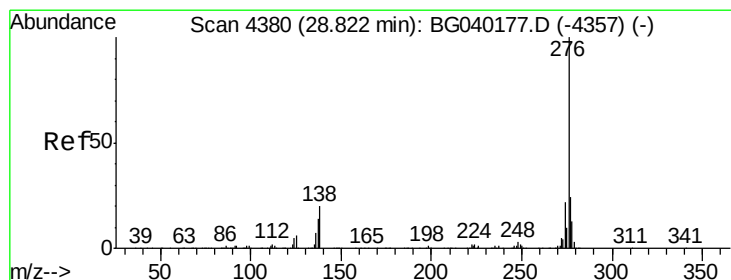
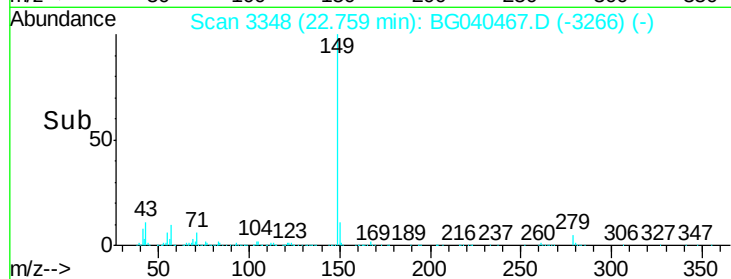
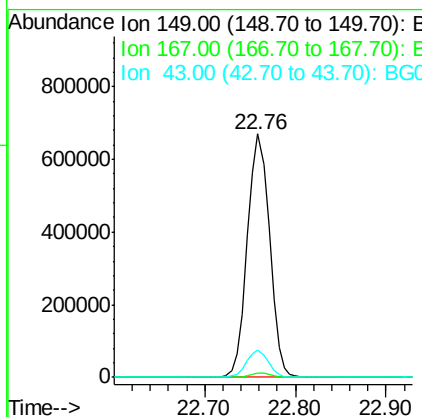
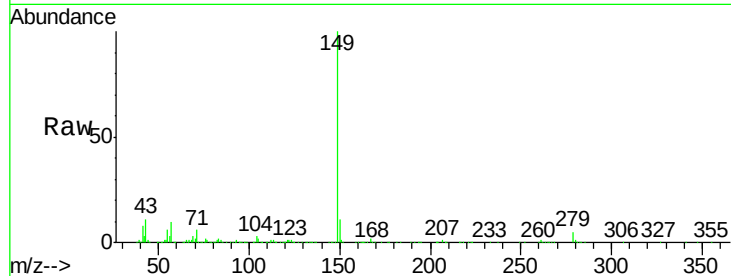




#85
Di-n-octyl phthalate
Concen: 42.856 ng
RT: 22.76 min Scan# 3348
Delta R.T. -0.05 min
Lab File: BG040467.D
Acq: 12 Apr 2019 18:49

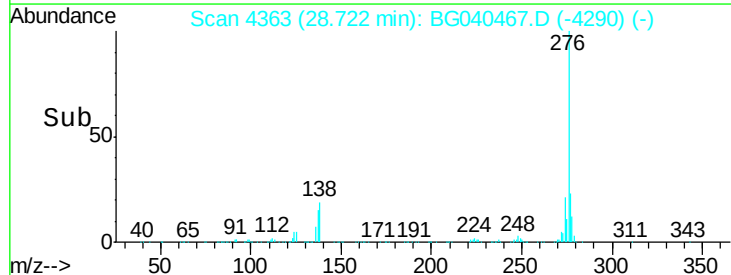
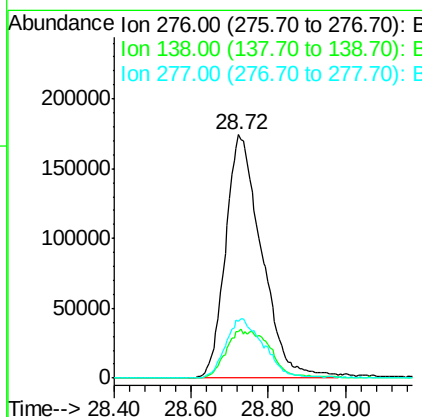
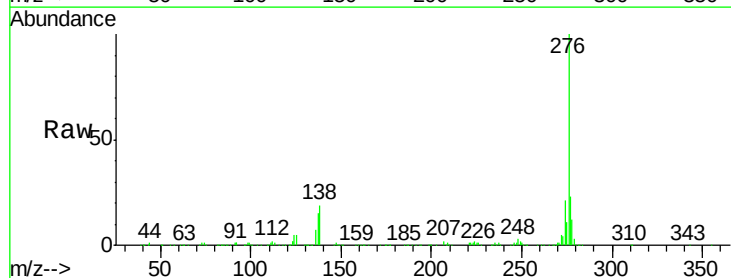
Instrument :
BNA_G
ClientSampleId :

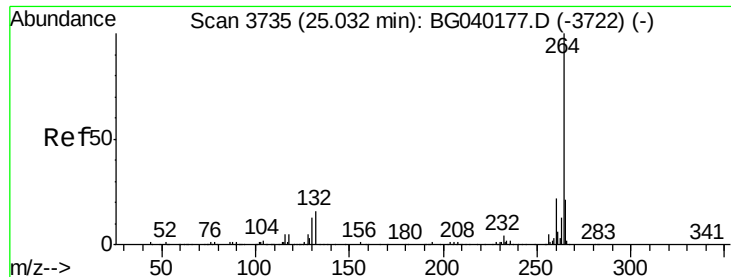
Tot Ion:149 Resp: 1141309
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 10.7 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.397 ng
RT: 28.72 min Scan# 4363
Delta R.T. -0.10 min
Lab File: BG040467.D
Acq: 12 Apr 2019 18:49

Tgt Ion:276 Resp: 1136527
Ion Ratio Lower Upper
276 100
138 11.7 18.8 28.2#
277 25.8 21.0 31.4



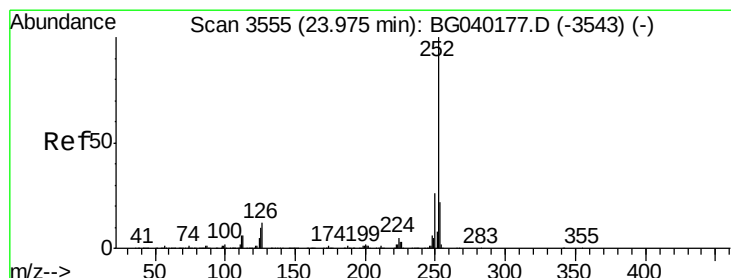
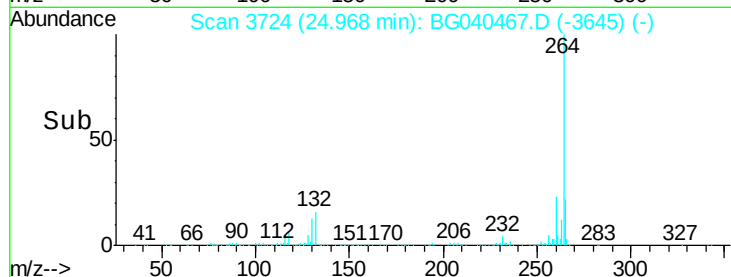
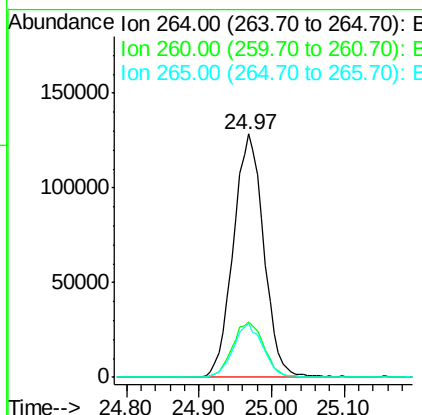
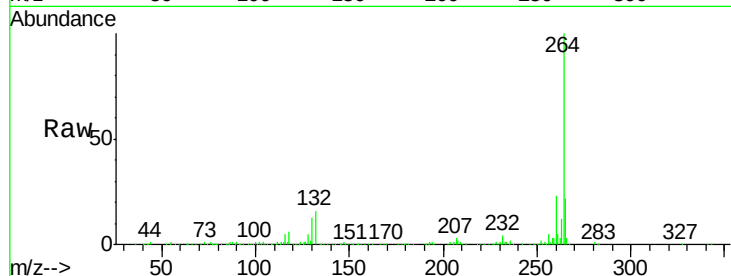


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3724
Delta R.T. -0.06 min
Lab File: BG040467.D
Acq: 12 Apr 2019 18:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 374829

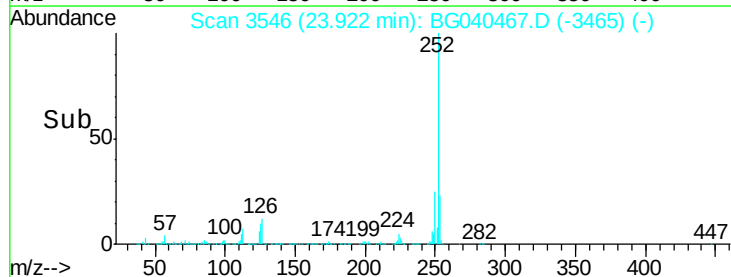
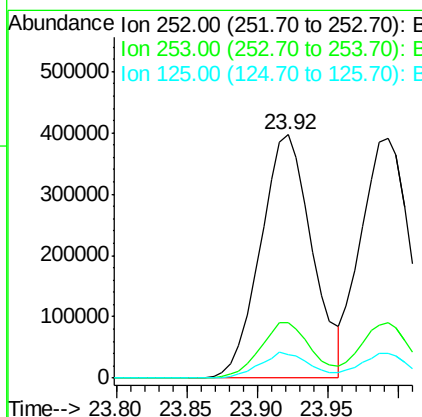
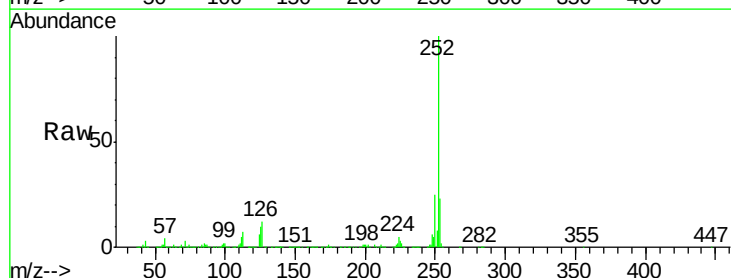
Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.9	26.9
265	22.4	16.8	25.2

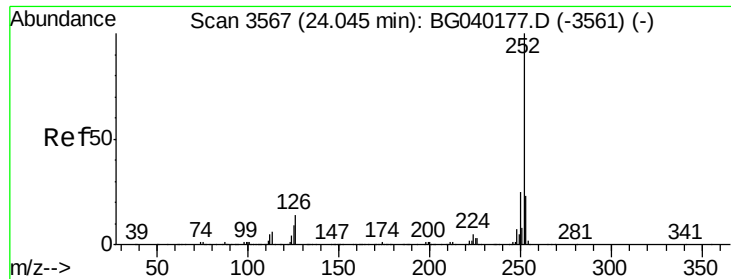


#88
Benzo(b)fluoranthene
Concen: 44.111 ng
RT: 23.92 min Scan# 3546
Delta R.T. -0.05 min
Lab File: BG040467.D
Acq: 12 Apr 2019 18:49

Tgt Ion:252 Resp: 1012284

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	9.8	8.2	12.4





#89

Benzo(k)fluoranthene

Concen: 45.068 ng

RT: 23.99 min Scan# 3558

Delta R.T. -0.05 min

Lab File: BG040467.D

Acq: 12 Apr 2019 18:49

Instrument :

BNA_G

ClientSampleId :

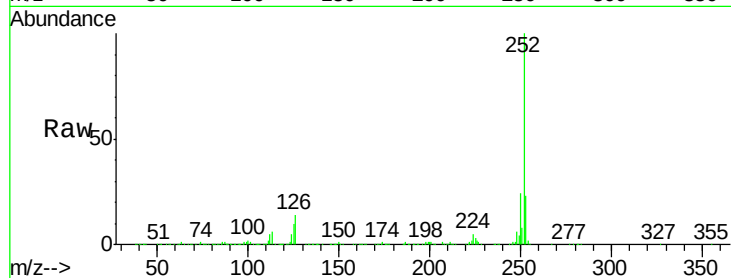
Tot Ion:252 Resp: 951107

Ion Ratio Lower Upper

252 100

253 23.2 18.6 28.0

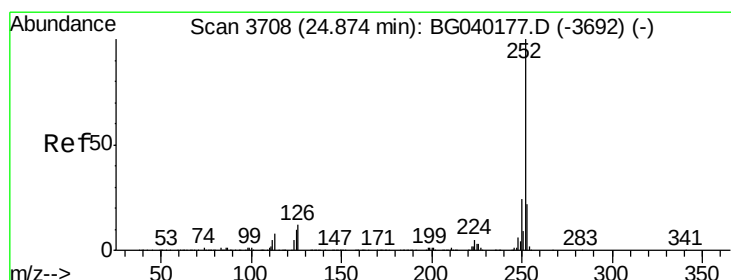
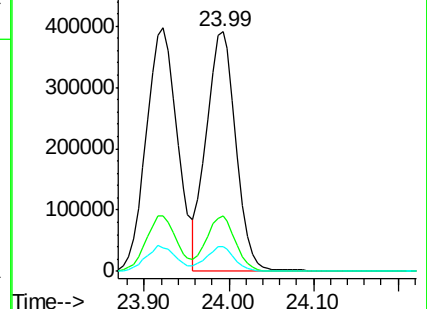
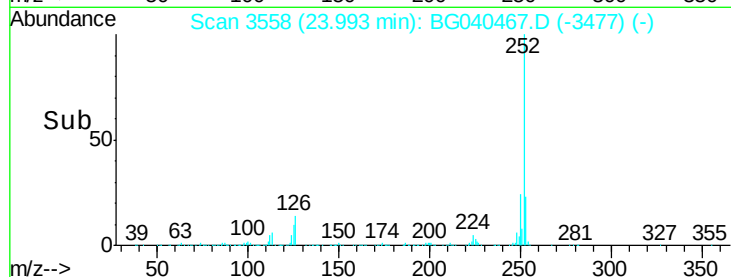
125 10.2 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 45.833 ng

RT: 24.82 min Scan# 3698

Delta R.T. -0.06 min

Lab File: BG040467.D

Acq: 12 Apr 2019 18:49

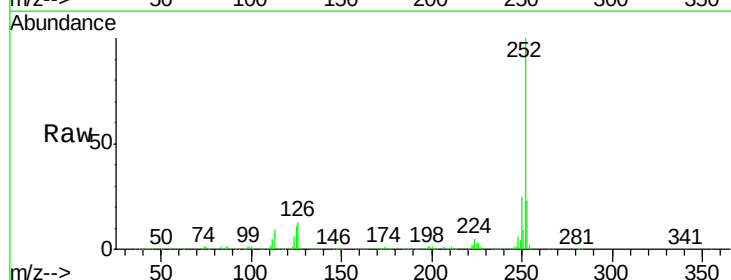
Tgt Ion:252 Resp: 986854

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

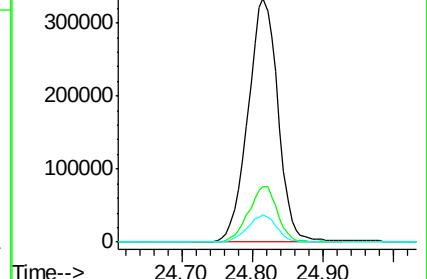
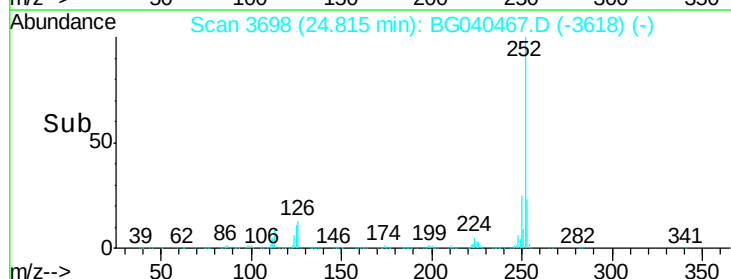
125 11.0 8.3 12.5

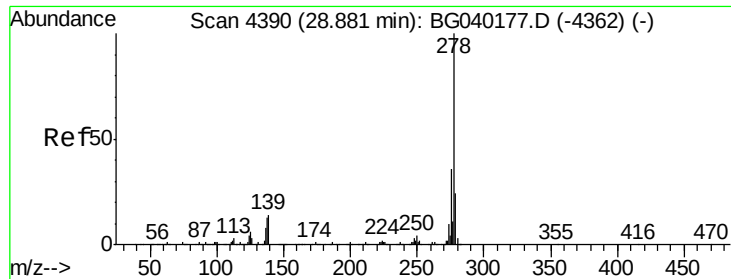


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

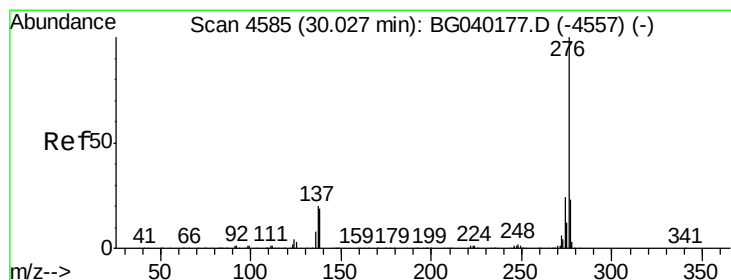
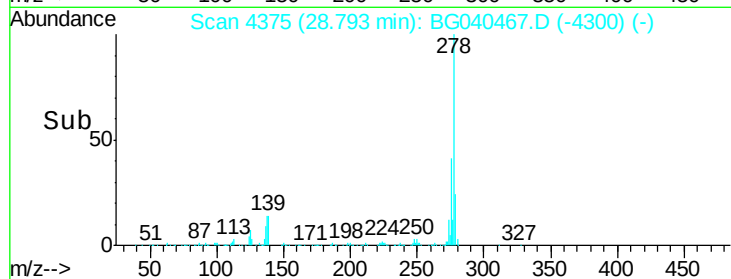
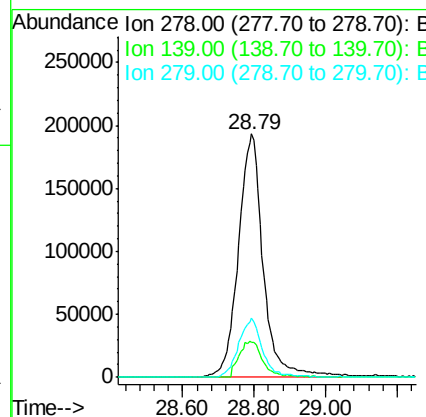
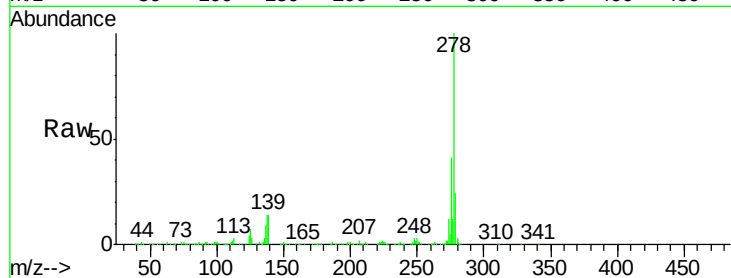




#91
Dibenzo(a,h)anthracene
Concen: 46.519 ng
RT: 28.79 min Scan# 4375
Delta R.T. -0.09 min
Lab File: BG040467.D
Acq: 12 Apr 2019 18:49

Instrument :
BNA_G
ClientSampled :

Tot Ion:278 Resp: 930274
Ion Ratio Lower Upper
278 100
139 14.4 11.2 16.8
279 24.1 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 44.845 ng
RT: 29.92 min Scan# 4566
Delta R.T. -0.11 min
Lab File: BG040467.D
Acq: 12 Apr 2019 18:49

Tgt Ion:276 Resp: 921644
Ion Ratio Lower Upper
276 100
277 22.5 18.6 28.0
138 21.0 15.2 22.8

