

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041219\
 Data File : BG040461.D
 Acq On : 12 Apr 2019 14:47
 Operator : JU/SJ
 Sample : IDOCSS-03
 Misc : SOIL IDOC
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 12 22:40:50 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	33208	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	135597	20.00	ng	-0.03
39) Acenaphthene-d10	14.68	164	87025	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	247272	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	286903	20.00	ng	-0.04
87) Perylene-d12	24.97	264	297797	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	270639	135.48	ng	-0.02
7) Phenol-d6	7.20	99	366407	132.72	ng	-0.02
23) Nitrobenzene-d5	9.22	82	220944	86.61	ng	-0.03
42) 2,4,6-Tribromophenol	16.16	330	146507	155.77	ng	-0.03
45) 2-Fluorobiphenyl	13.30	172	513223	87.39	ng	-0.03
79) Terphenyl-d14	20.02	244	1080992	84.76	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.49	88	38689	41.190	ng	# 96
3) Pyridine	3.89	79	95330	37.695	ng	96
4) n-Nitrosodimethylamine	3.81	42	42735	36.531	ng	# 87
6) Aniline	7.37	93	87934	24.517	ng	98
8) 2-Chlorophenol	7.61	128	91825	39.269	ng	98
9) Benzaldehyde	7.18	77	48017	25.356	ng	94
10) Phenol	7.23	94	123197	41.113	ng	99
11) bis(2-Chloroethyl)ether	7.46	93	89681	37.367	ng	93
12) 1,3-Dichlorobenzene	7.93	146	99279	39.056	ng	95
13) 1,4-Dichlorobenzene	8.08	146	101491	40.088	ng	98
14) 1,2-Dichlorobenzene	8.40	146	95024	39.249	ng	98
15) Benzyl Alcohol	8.28	79	79852	35.916	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.55	45	169901	36.886	ng	99
17) 2-Methylphenol	8.48	107	82620	39.846	ng	99
18) Hexachloroethane	9.12	117	36157	37.546	ng	93
19) n-Nitroso-di-n-propylamine	8.84	70	68137	34.424	ng	97
20) 3+4-Methylphenols	8.81	107	114600	40.798	ng	98
22) Acetophenone	8.87	105	138139	40.840	ng	# 97
24) Nitrobenzene	9.26	77	106599	40.353	ng	97
25) Isophorone	9.77	82	199481	38.004	ng	98
26) 2-Nitrophenol	9.98	139	48345	38.622	ng	99
27) 2,4-Dimethylphenol	10.02	122	95719	48.141	ng	93
28) bis(2-Chloroethoxy)methane	10.26	93	119450	38.465	ng	98
29) 2,4-Dichlorophenol	10.50	162	92841	43.019	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	94089	39.704	ng	95
31) Naphthalene	10.91	128	287349	41.343	ng	98
32) Benzoic acid	10.16	122	8647	7.198	ng	88
33) 4-Chloroaniline	11.03	127	74888	25.260	ng	97
34) Hexachlorobutadiene	11.17	225	57309	37.814	ng	95
35) Caprolactam	11.80	113	36029	42.068	ng	# 85
36) 4-Chloro-3-methylphenol	12.14	107	110835	44.672	ng	97
37) 2-Methylnaphthalene	12.51	142	214346	41.699	ng	98
38) 1-Methylnaphthalene	12.73	142	204024	40.931	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	109183	39.474	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	117748	77.531	ng	95
43) 2,4,6-Trichlorophenol	13.11	196	74270	41.647	ng	94
44) 2,4,5-Trichlorophenol	13.19	196	84268	43.353	ng	99
46) 1,1'-Biphenyl	13.51	154	278108	40.446	ng	97
47) 2-Chloronaphthalene	13.56	162	217607	41.257	ng	98
48) 2-Nitroaniline	13.77	65	79634	44.761	ng	97
49) Acenaphthylene	14.40	152	368898	41.251	ng	98
50) Dimethylphthalate	14.12	163	298583	43.839	ng	98
51) 2,6-Dinitrotoluene	14.26	165	67420	44.086	ng	98
52) Acenaphthene	14.74	154	215361	42.028	ng	96
53) 3-Nitroaniline	14.59	138	51567	31.855	ng	88
54) 2,4-Dinitrophenol	14.80	184	52656	64.742	ng	96
55) Dibenzofuran	15.07	168	363858	44.190	ng	99
56) 4-Nitrophenol	14.90	139	112302	85.955	ng	99
57) 2,4-Dinitrotoluene	15.04	165	103690	48.796	ng	# 98
58) Fluorene	15.72	166	291573	45.040	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	79842	45.266	ng	96
60) Diethylphthalate	15.48	149	322110	46.217	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	153539	44.371	ng	96
62) 4-Nitroaniline	15.76	138	82562	47.524	ng	98
63) Azobenzene	16.00	77	297883	45.312	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	51959	37.402	ng	100
66) n-Nitrosodiphenylamine	15.93	169	281558	38.911	ng	98
67) 4-Bromophenyl-phenylether	16.60	248	102927	36.989	ng	99
68) Hexachlorobenzene	16.71	284	107138	38.293	ng	95
69) Atrazine	16.87	200	109113	40.537	ng	97
70) Pentachlorophenol	17.07	266	104886	64.843	ng	97
71) Phenanthrene	17.46	178	542791	41.763	ng	98
72) Anthracene	17.55	178	551958	42.429	ng	100
73) Carbazole	17.83	167	552090	44.843	ng	98
74) Di-n-butylphthalate	18.36	149	642533	44.029	ng	99
75) Fluoranthene	19.47	202	719674	46.762	ng	99
77) Benzidine	19.66	184	260615	25.155	ng	99
78) Pyrene	19.83	202	738950	39.166	ng	99
80) Butylbenzylphthalate	20.70	149	329767	40.846	ng	98
81) Benzo(a)anthracene	21.67	228	695439	39.353	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	178599	26.568	ng	99
83) Chrysene	21.74	228	683492	40.244	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	470602	40.777	ng	99
85) Di-n-octyl phthalate	22.76	149	819279	41.667	ng	99
86) Indeno(1,2,3-cd)pyrene	28.72	276	832206	40.064	ng	98
88) Benzo(b)fluoranthene	23.92	252	731032	40.095	ng	99
89) Benzo(k)fluoranthene	23.99	252	743689	44.355	ng	98
90) Benzo(a)pyrene	24.82	252	732396	42.814	ng	99
91) Dibenzo(a,h)anthracene	28.79	278	669424	42.134	ng	98
92) Benzo(g,h,i)perylene	29.92	276	668468	40.940	ng	99

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

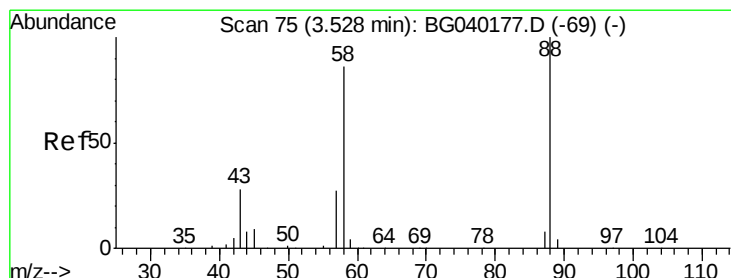
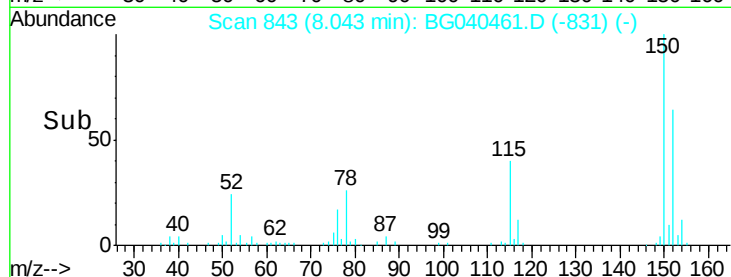
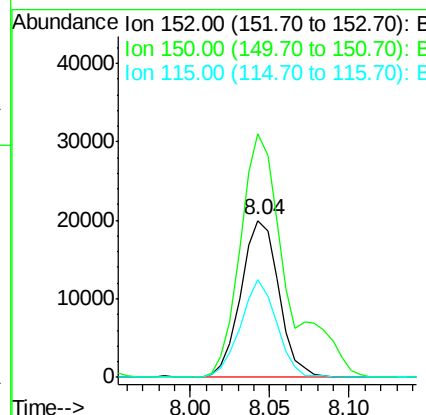
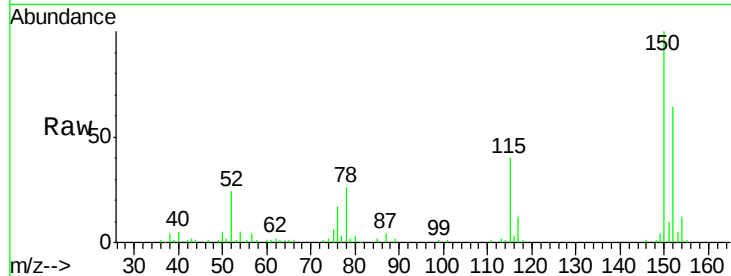


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040461.D
Acq: 12 Apr 2019 14:47

Instrument :
BNA_G
ClientSampleId :

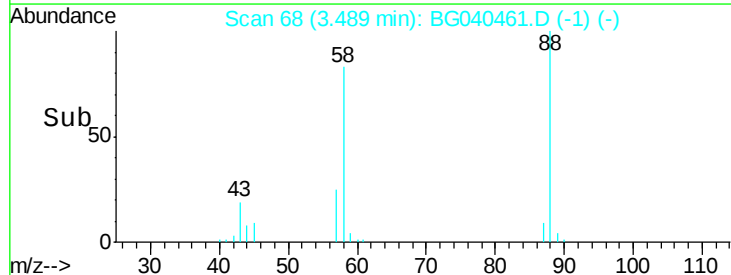
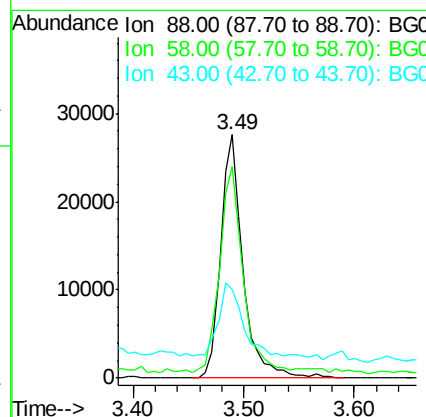
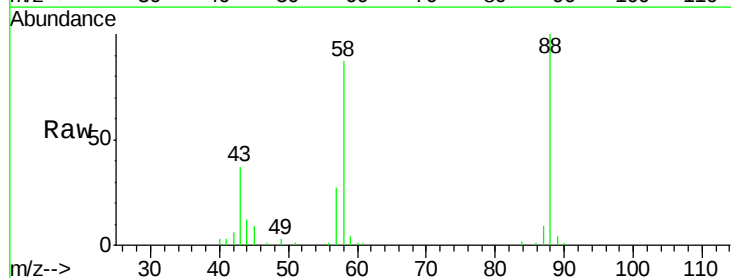
Tot Ion:152 Resp: 33208
Ion Ratio Lower Upper
152 100
150 155.2 123.7 185.5
115 62.5 46.9 70.3

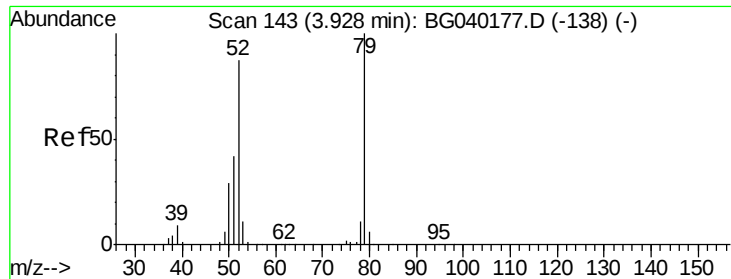


#2

1,4-Dioxane
Concen: 41.190 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.04 min
Lab File: BG040461.D
Acq: 12 Apr 2019 14:47

Tgt Ion: 88 Resp: 38689
Ion Ratio Lower Upper
88 100
58 88.0 70.6 106.0
43 38.3 24.8 37.2#





#3

Pvridine

Concen: 37.695 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.04 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

Instrument :

BNA_G

ClientSampleId :

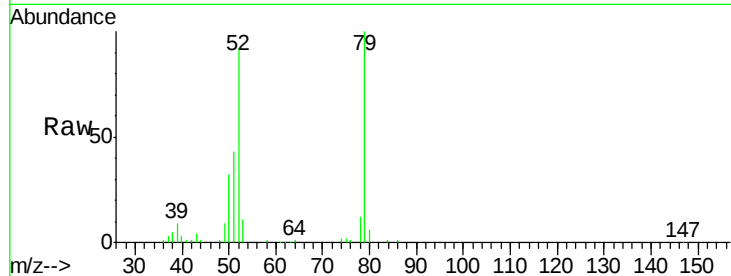
Tot Ion: 79 Resp: 95330

Ion Ratio Lower Upper

79 100

52 92.4 69.8 104.8

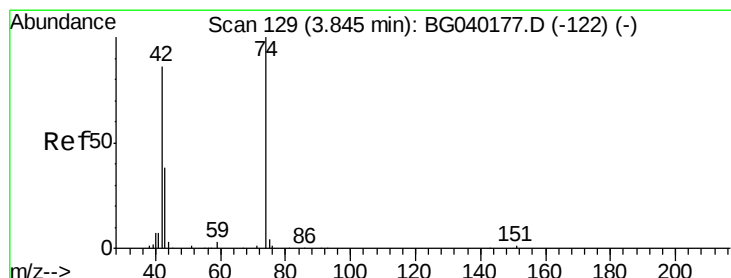
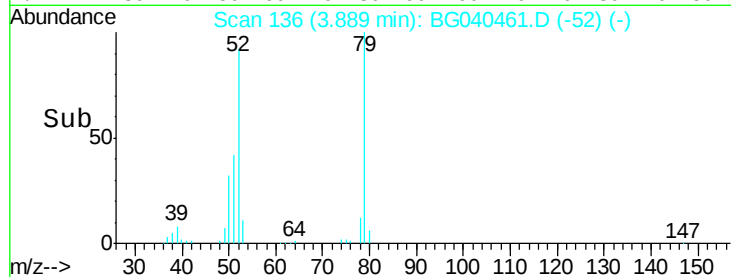
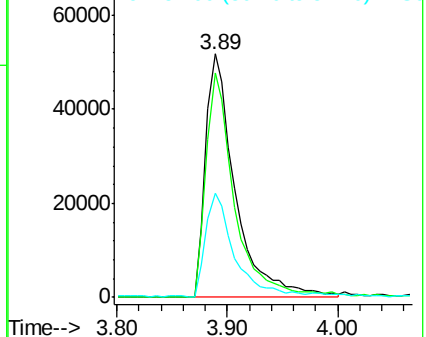
51 42.6 33.9 50.9



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: 36.531 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.03 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

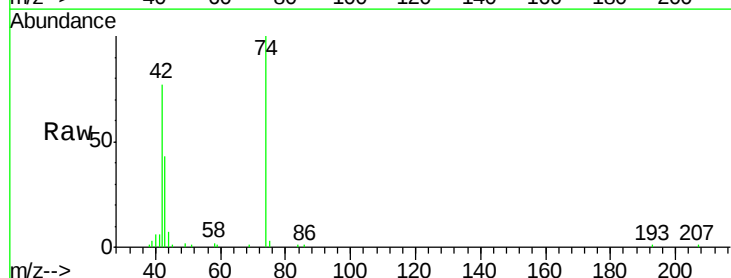
Tgt Ion: 42 Resp: 42735

Ion Ratio Lower Upper

42 100

74 130.7 92.9 139.3

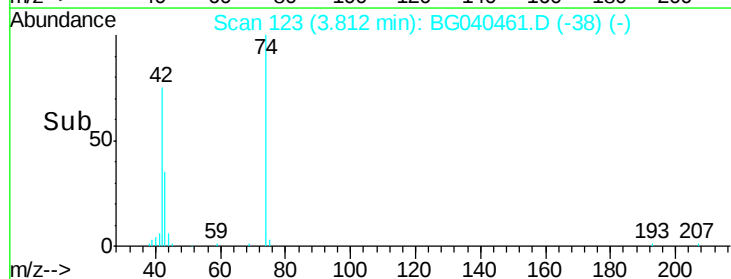
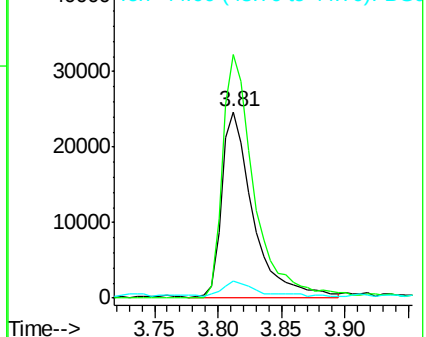
44 8.8 9.7 14.5#



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: 135.483 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.02 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

Instrument :

BNA_G

ClientSampleId :

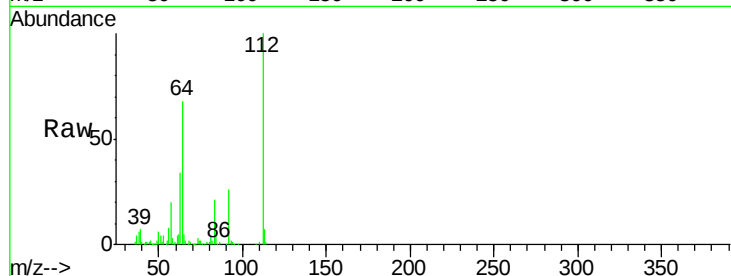
Tot Ion:112 Resp: 270639

Ion Ratio Lower Upper

112 100

64 68.2 54.2 81.2

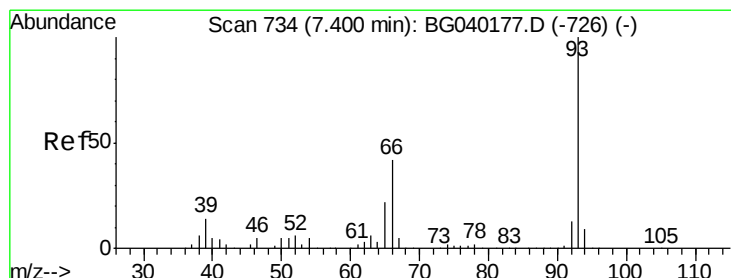
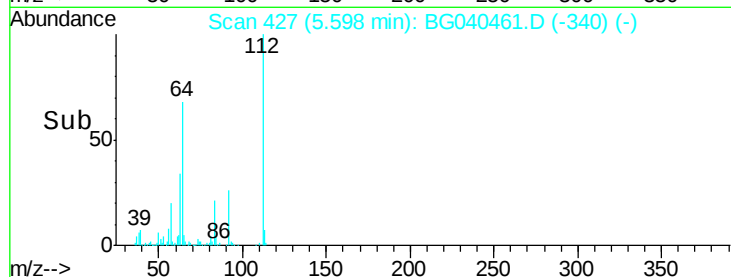
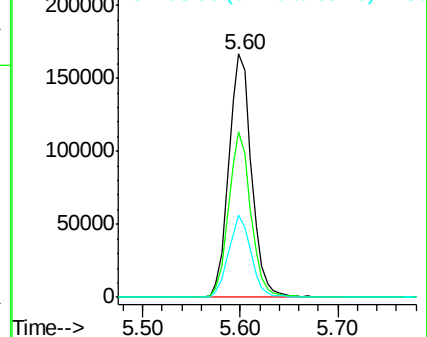
63 33.7 26.4 39.6



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: 24.517 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.03 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

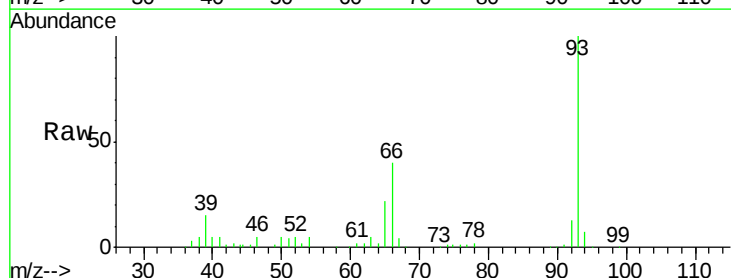
Tgt Ion: 93 Resp: 87934

Ion Ratio Lower Upper

93 100

66 40.3 33.6 50.4

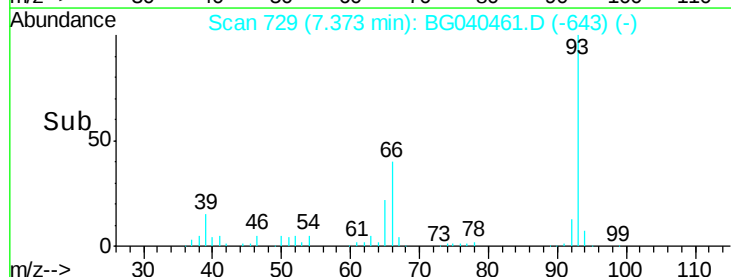
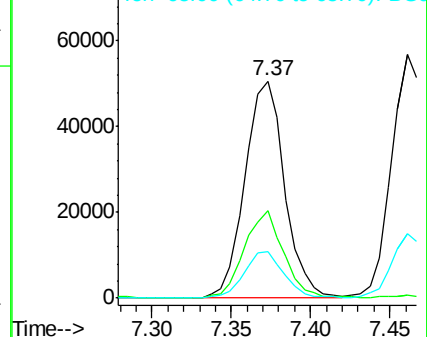
65 21.6 17.4 26.2

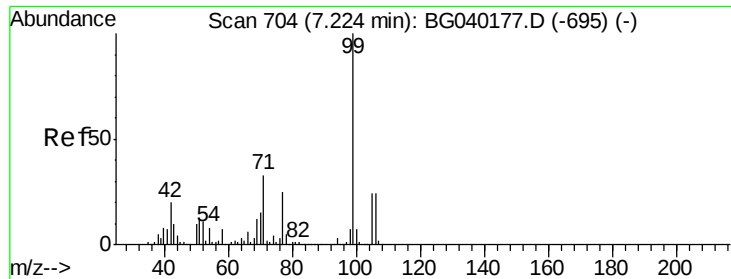


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 132.723 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

Instrument :

BNA_G

ClientSampled :

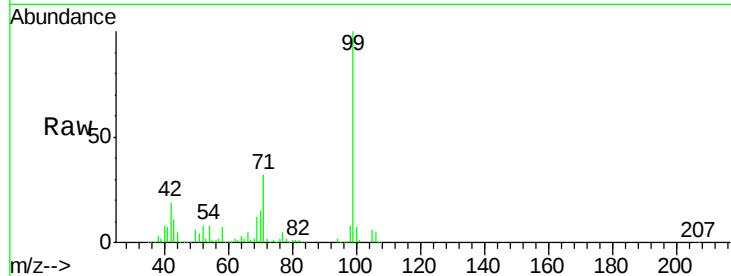
Tot Ion: 99 Resp: 366407

Ion Ratio Lower Upper

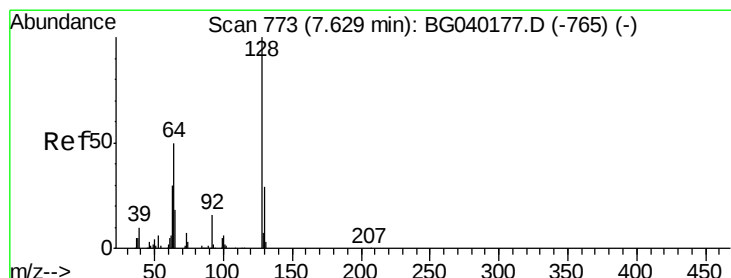
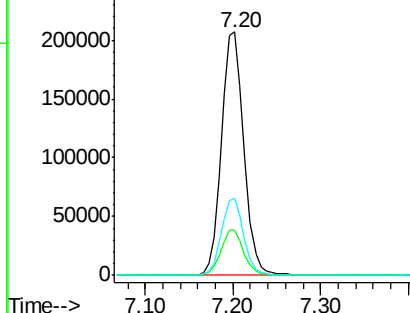
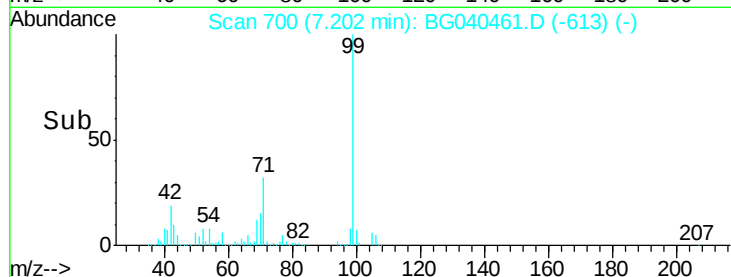
99 100

42 18.6 16.2 24.2

71 31.7 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: 39.269 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

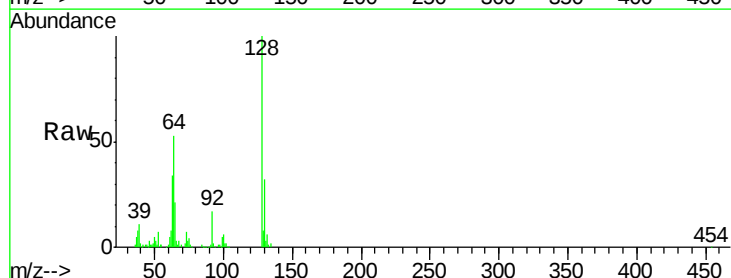
Tgt Ion:128 Resp: 91825

Ion Ratio Lower Upper

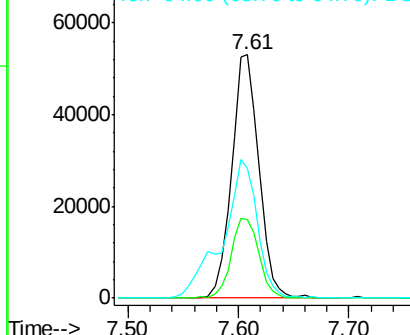
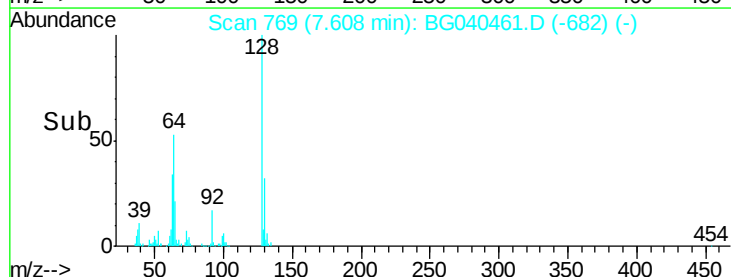
128 100

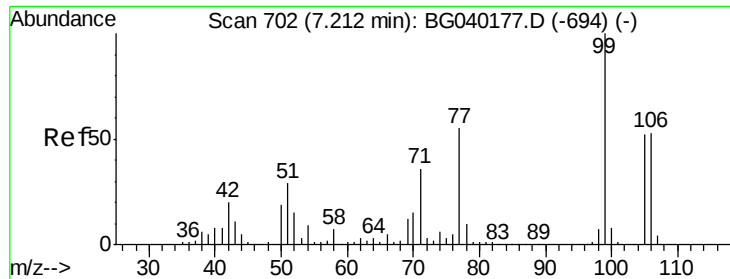
130 32.5 9.1 49.1

64 53.2 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: 25.356 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.03 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

Instrument :

BNA_G

ClientSampleId :

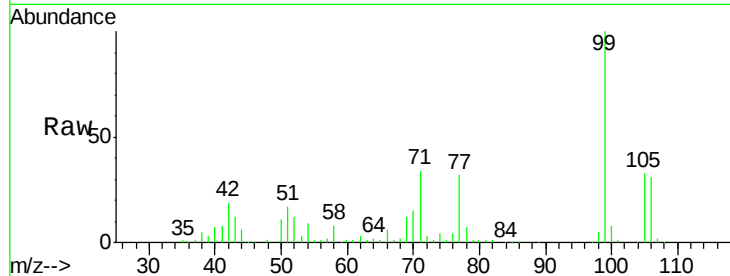
Tot Ion: 77 Resp: 48017

Ion Ratio Lower Upper

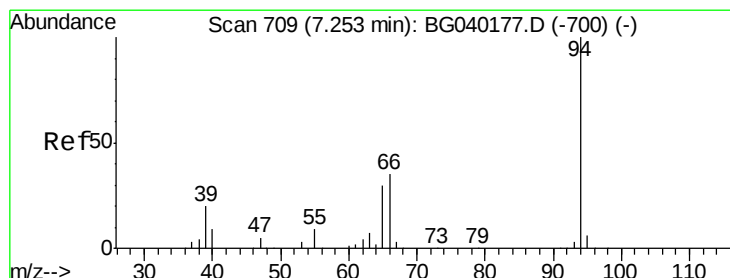
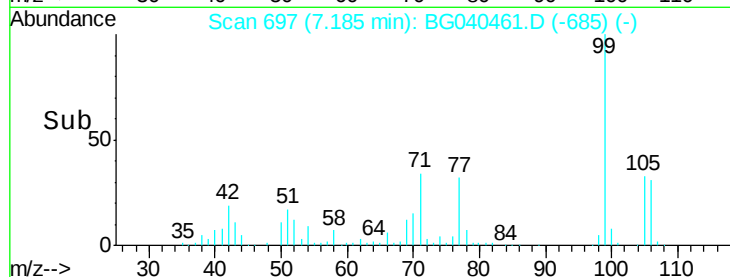
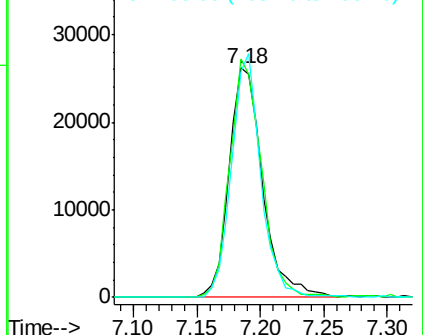
77 100

105 103.9 75.0 115.0

106 98.3 75.7 115.7



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



#10

Phenol

Concen: 41.113 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.03 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

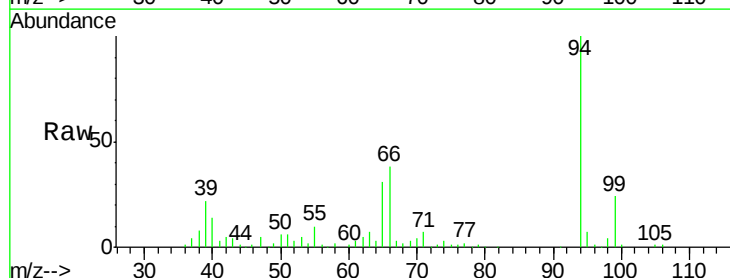
Tgt Ion: 94 Resp: 123197

Ion Ratio Lower Upper

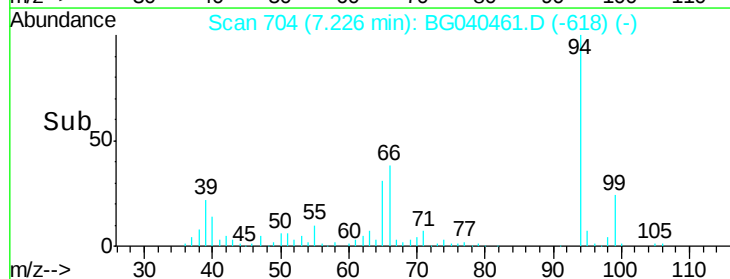
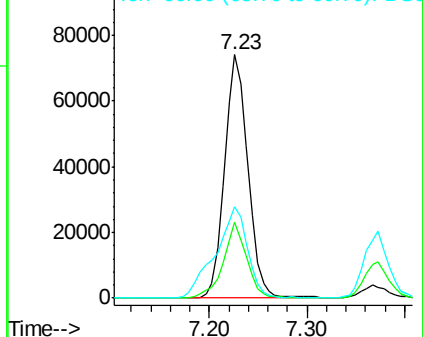
94 100

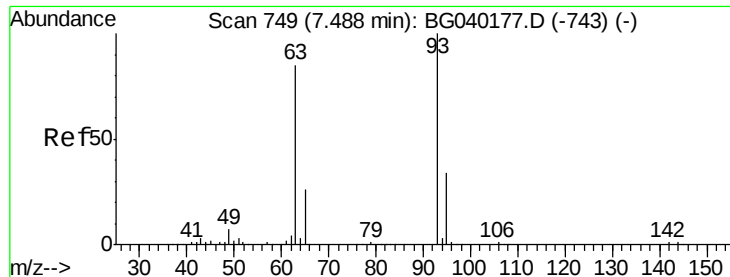
65 31.4 10.5 50.5

66 37.7 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

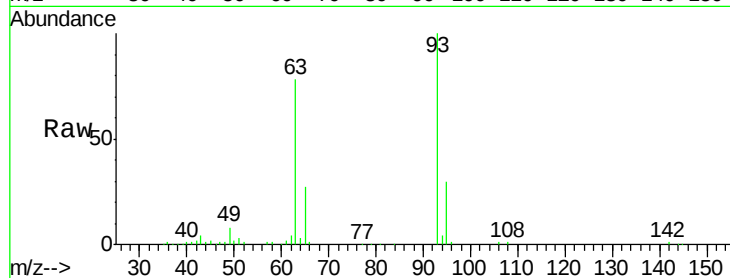




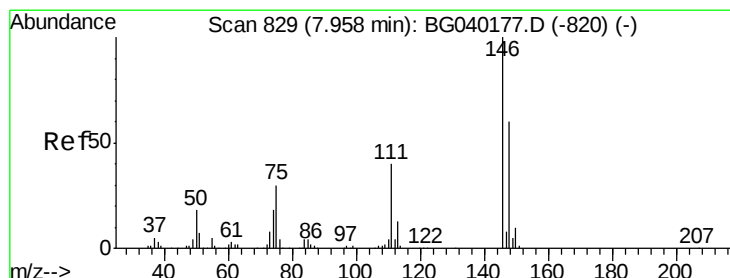
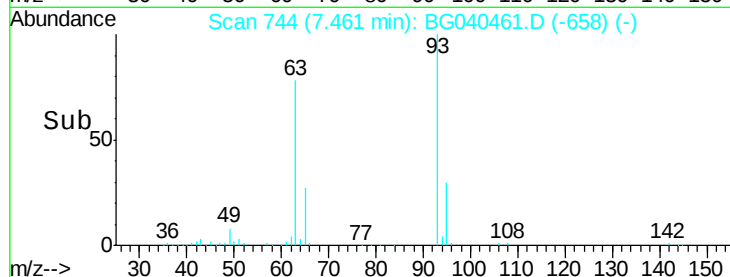
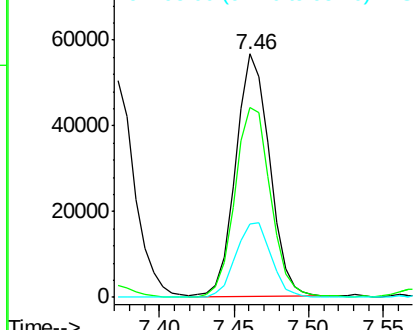
#11
bis(2-Chloroethyl)ether
Concen: 37.367 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.03 min
Lab File: BG040461.D
Acq: 12 Apr 2019 14:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 89681
Ion Ratio Lower Upper
93 100
63 77.9 64.2 104.2
95 30.3 14.0 54.0

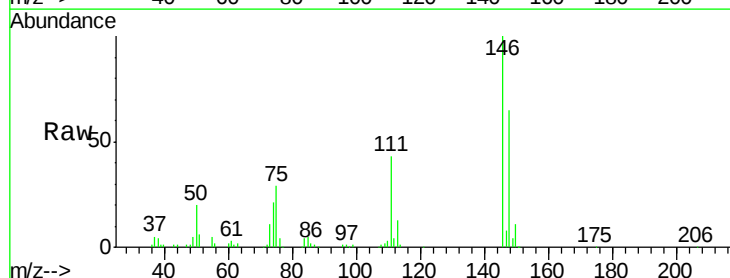


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

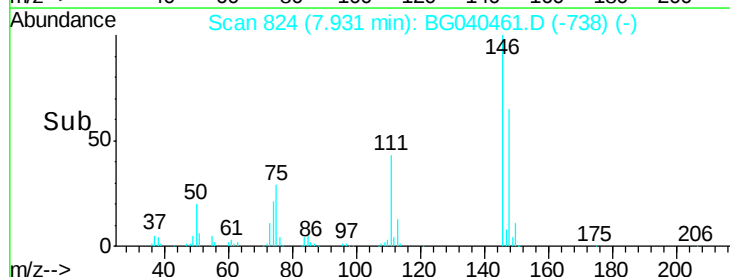
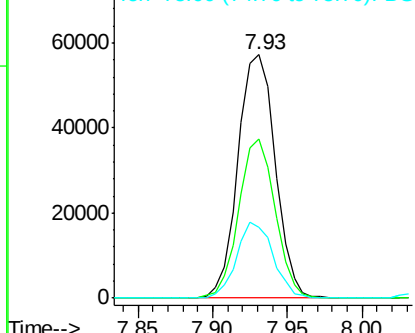


#12
1,3-Dichlorobenzene
Concen: 39.056 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG040461.D
Acq: 12 Apr 2019 14:47

Tgt Ion: 146 Resp: 99279
Ion Ratio Lower Upper
146 100
148 65.3 48.2 72.2
75 29.0 24.1 36.1



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 40.088 ng

RT: 8.08 min Scan# 849

Delta R.T. -0.03 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

Instrument :

BNA_G

ClientSampled :

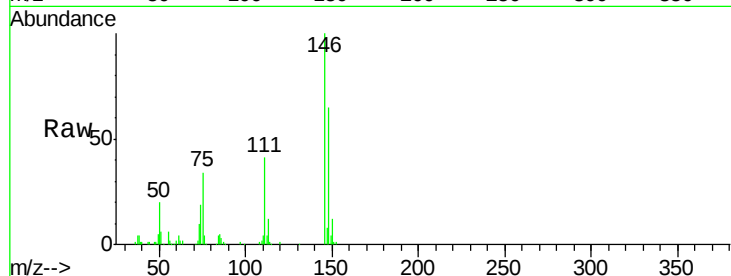
Tot Ion:146 Resp: 101491

Ion Ratio Lower Upper

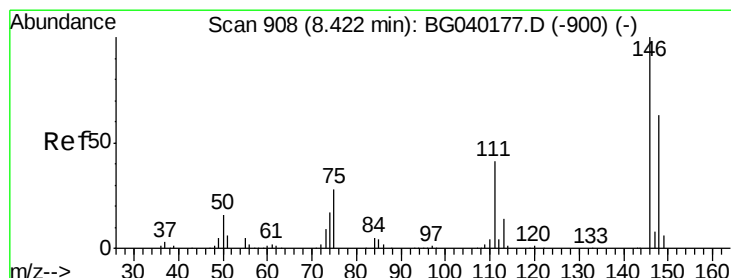
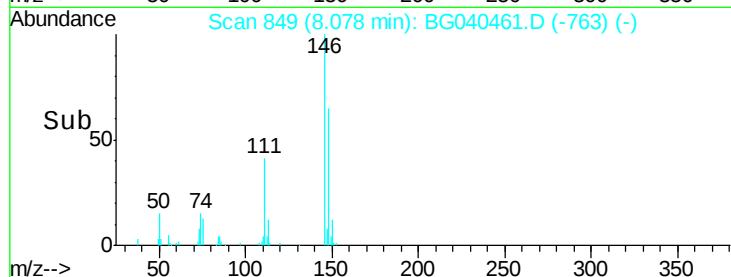
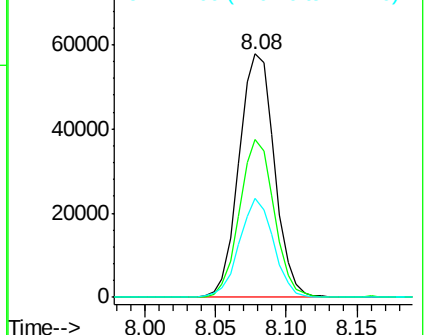
146 100

148 64.7 51.0 76.4

111 40.9 31.8 47.6



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



#14

1,2-Dichlorobenzene

Concen: 39.249 ng

RT: 8.40 min Scan# 903

Delta R.T. -0.03 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

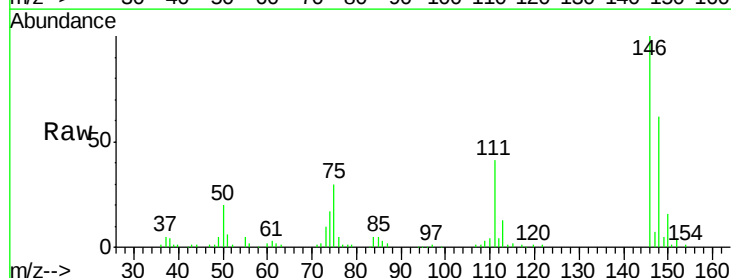
Tgt Ion:146 Resp: 95024

Ion Ratio Lower Upper

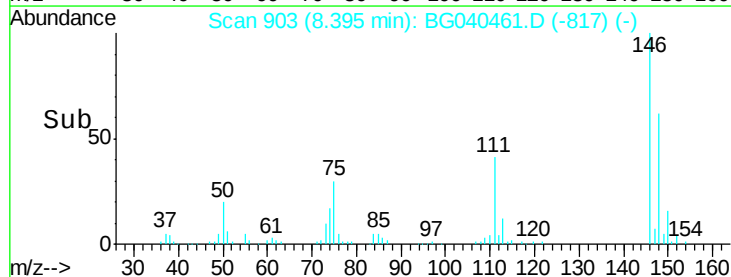
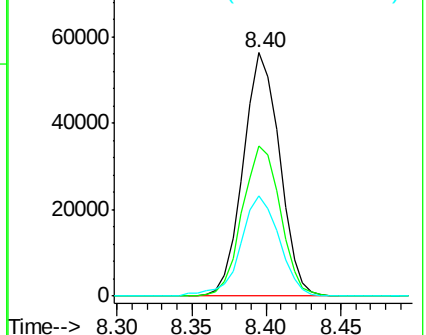
146 100

148 61.6 50.8 76.2

111 41.0 33.4 50.0



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





#15

Benzyl Alcohol

Concen: 35.916 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.03 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

Instrument :

BNA_G

ClientSampleId :

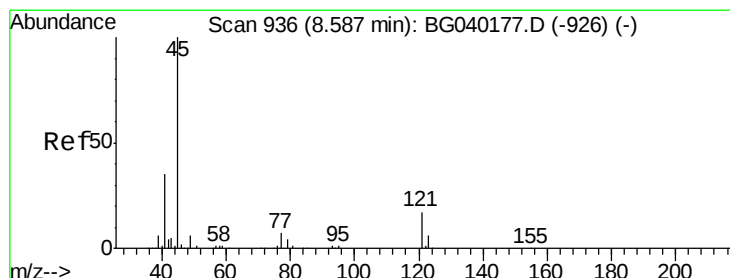
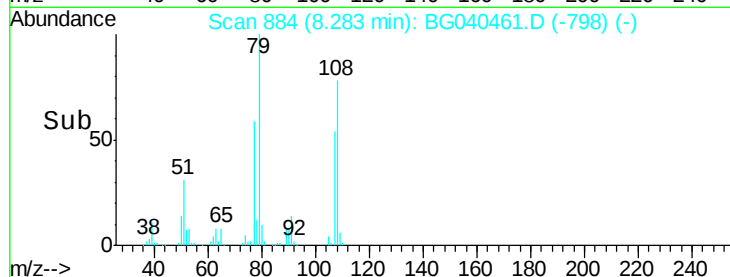
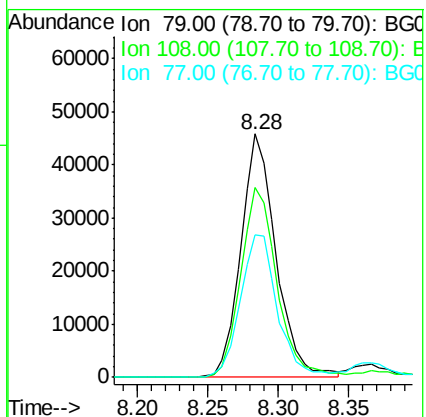
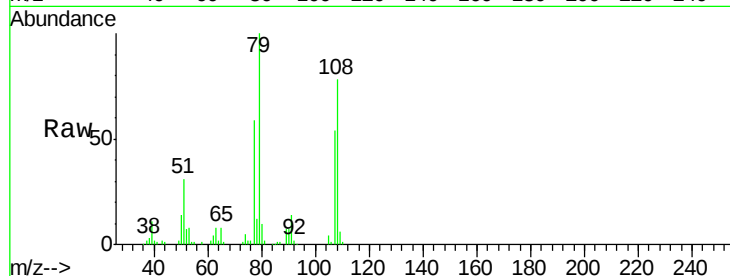
Tot Ion: 79 Resp: 79852

Ion Ratio Lower Upper

79 100

108 78.1 62.1 93.1

77 58.6 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.886 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.03 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

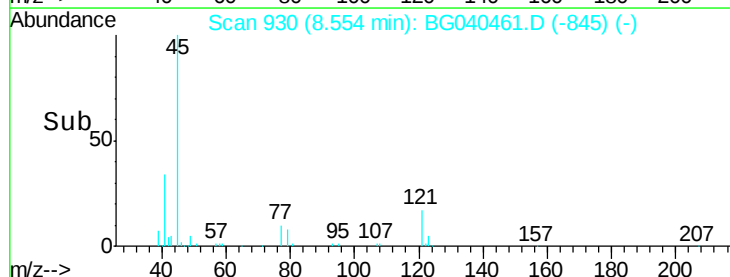
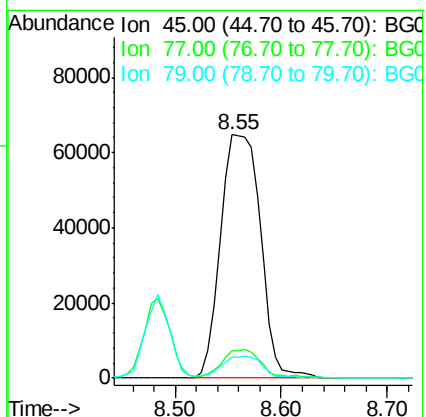
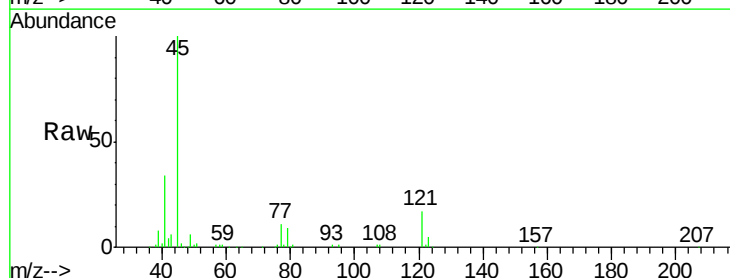
Tgt Ion: 45 Resp: 169901

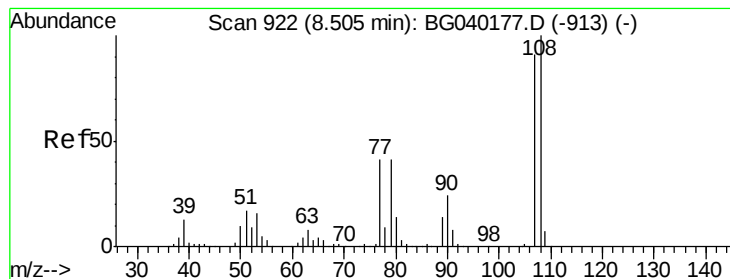
Ion Ratio Lower Upper

45 100

77 11.3 0.0 31.4

79 8.8 0.0 28.3

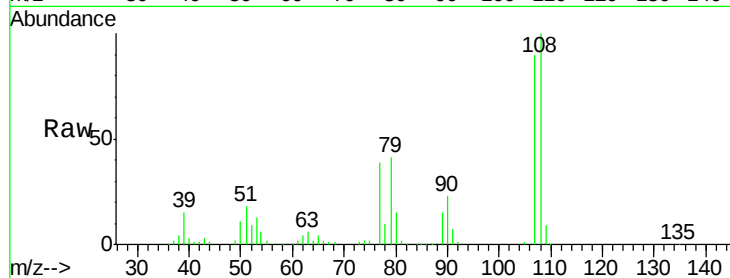




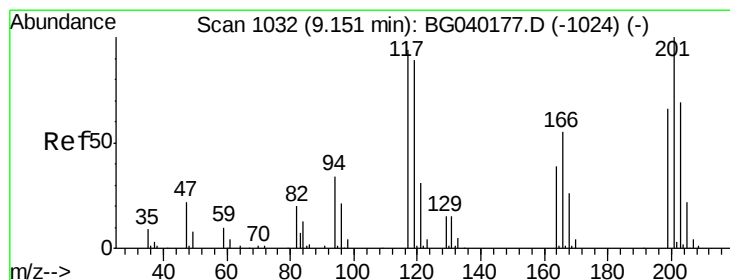
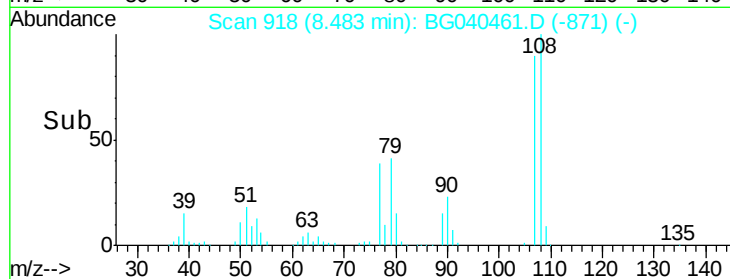
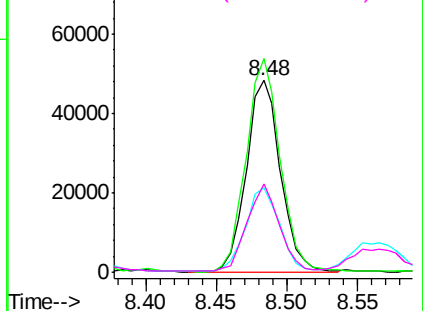
#17
2-Methylphenol
Concen: 39.846 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.02 min
Lab File: BG040461.D
Acq: 12 Apr 2019 14:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 82620
Ion Ratio Lower Upper
107 100
108 111.5 88.2 132.4
77 44.0 36.6 55.0
79 46.2 36.5 54.7

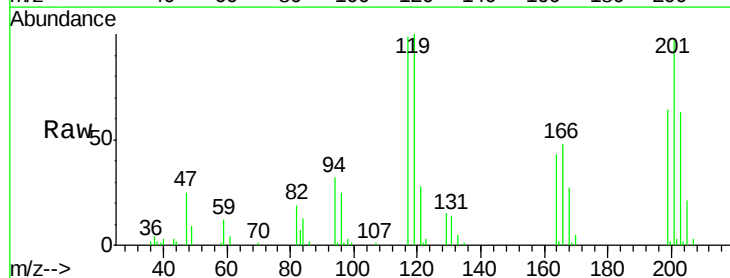


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

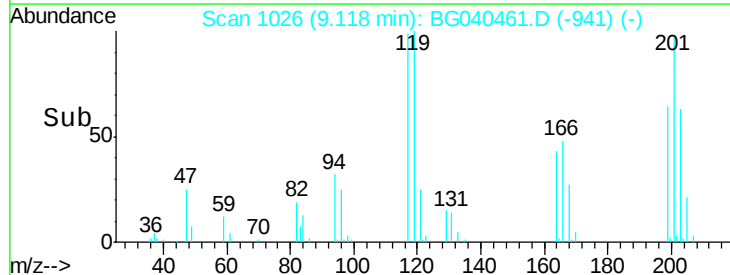
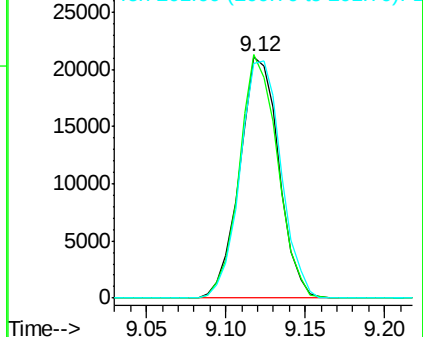


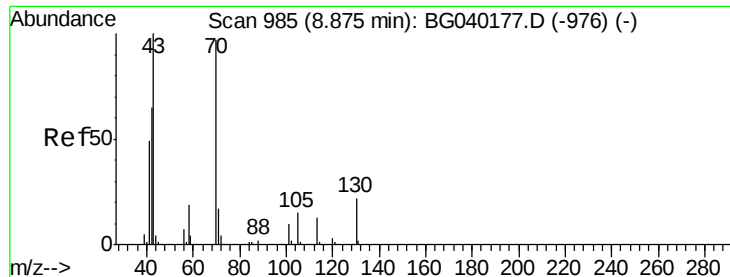
#18
Hexachloroethane
Concen: 37.546 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BG040461.D
Acq: 12 Apr 2019 14:47

Tgt Ion:117 Resp: 36157
Ion Ratio Lower Upper
117 100
119 100.9 76.6 115.0
201 97.4 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

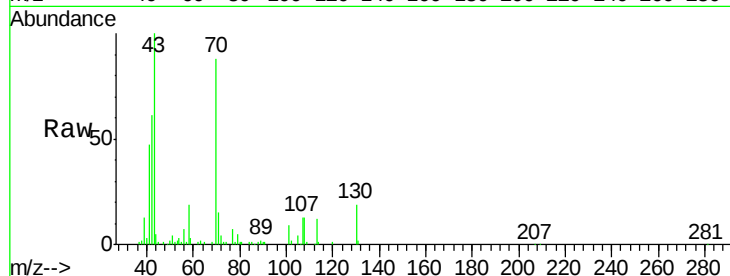




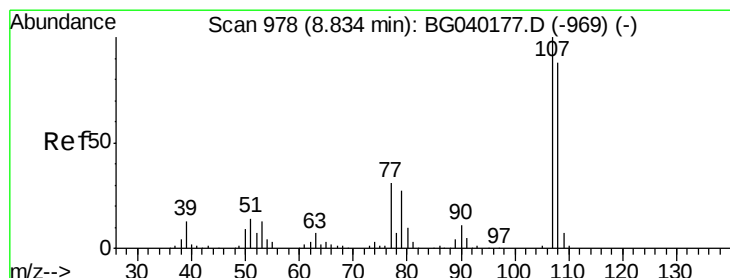
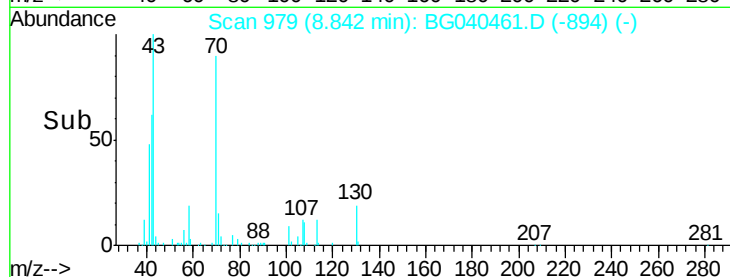
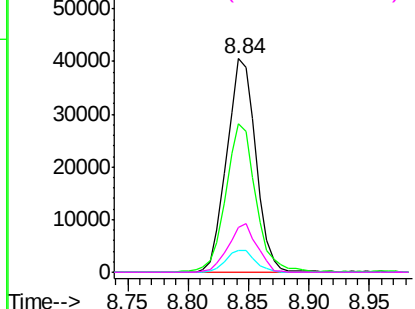
#19
n-Nitroso-di-n-propylamine
Concen: 34.424 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.03 min
Lab File: BG040461.D
Acq: 12 Apr 2019 14:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	68137
Ion	Ratio	Lower	Upper
70	100		
42	69.4	54.0	81.0
101	10.2	8.6	13.0
130	21.1	18.2	27.2

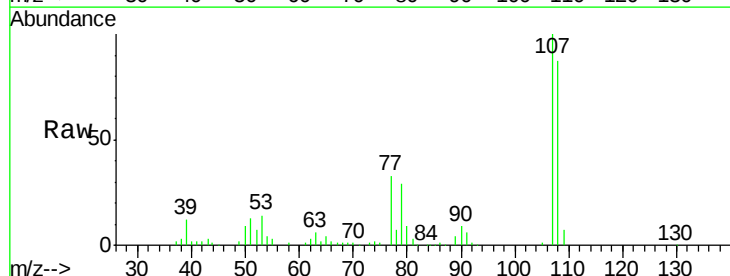


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

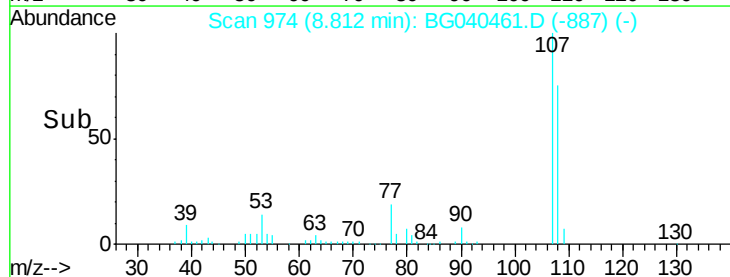
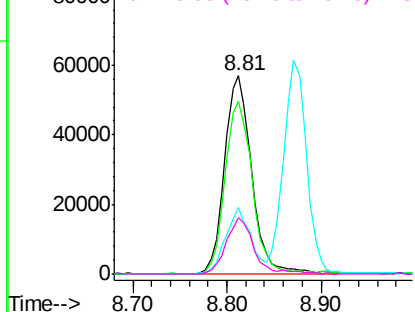


#20
3+4-Methylphenols
Concen: 40.798 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.02 min
Lab File: BG040461.D
Acq: 12 Apr 2019 14:47

Tgt Ion:	107	Resp:	114600
Ion	Ratio	Lower	Upper
107	100		
108	87.1	68.3	108.3
77	33.4	11.3	51.3
79	28.6	7.3	47.3



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

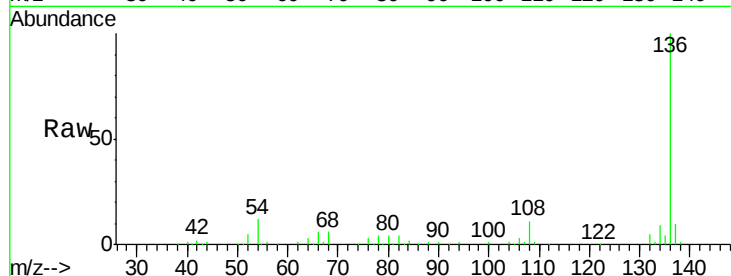




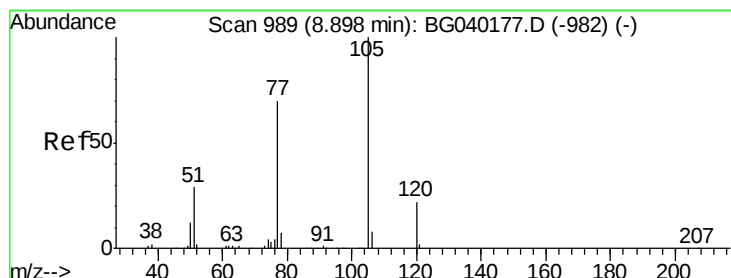
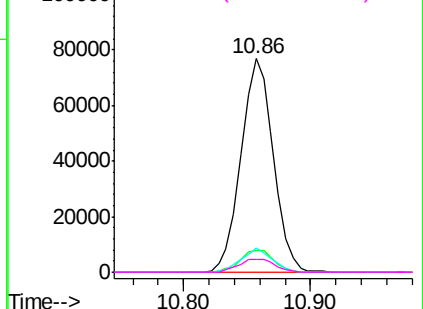
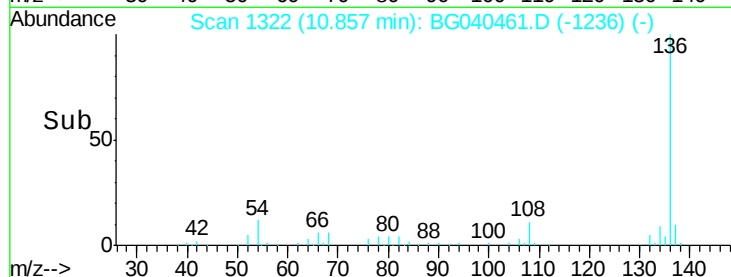
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.03 min
Lab File: BG040461.D
Acq: 12 Apr 2019 14:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	135597
Ion Ratio	Lower	Upper
136	100	
137	10.2	8.9 13.3
54	11.9	9.6 14.4
68	6.0	5.1 7.7

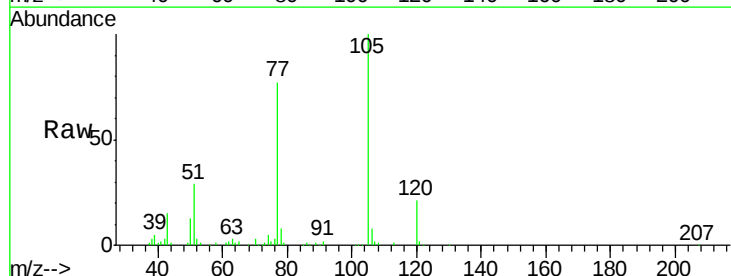


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

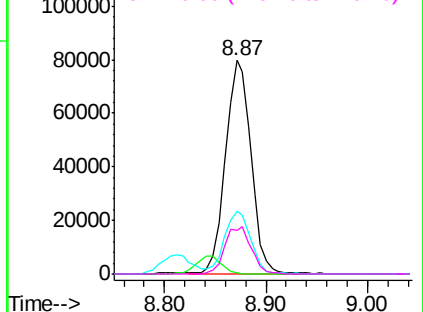
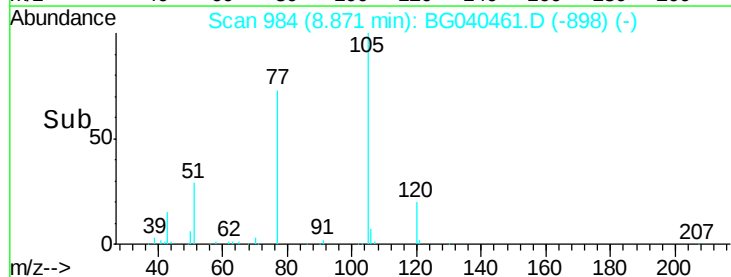


#22
Acetophenone
Concen: 40.840 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.03 min
Lab File: BG040461.D
Acq: 12 Apr 2019 14:47

Tgt Ion:105	Resp:	138139
Ion Ratio	Lower	Upper
105	100	
71	0.5	0.6 1.0#
51	29.5	25.1 37.7
120	20.7	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

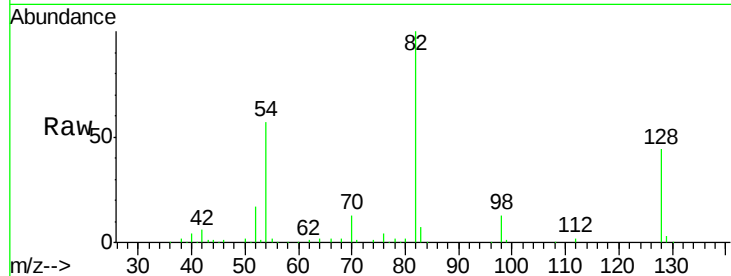




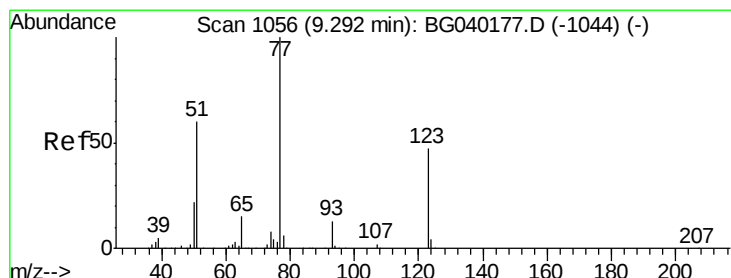
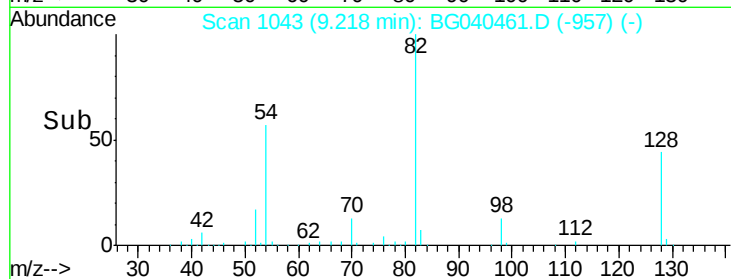
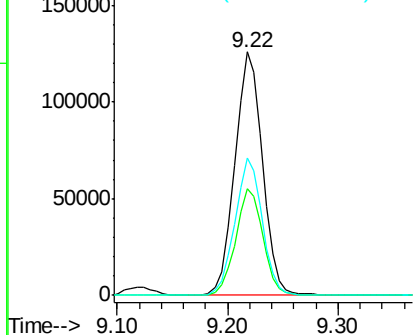
#23
 Nitrobenzene-d5
 Concen: 86.609 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BG040461.D
 Acq: 12 Apr 2019 14:47

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion: 82 Resp: 220944
 Ion Ratio Lower Upper
 82 100
 128 43.8 35.8 53.8
 54 56.5 46.2 69.2

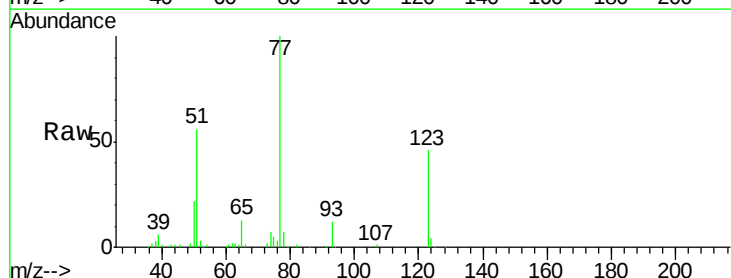


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

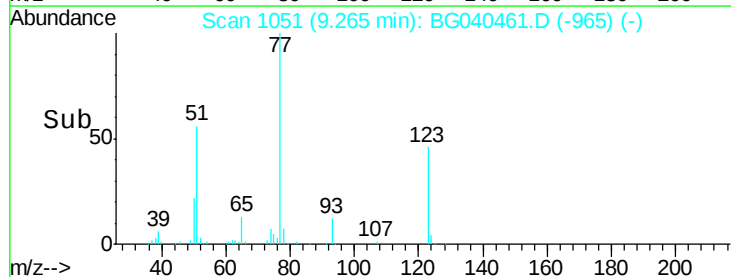
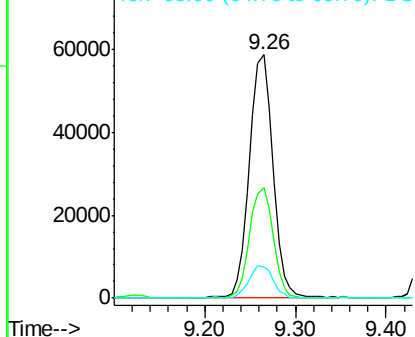


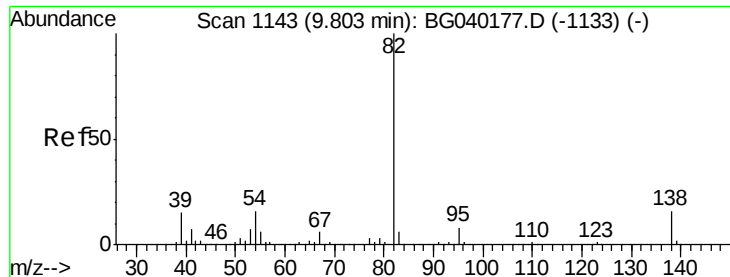
#24
 Nitrobenzene
 Concen: 40.353 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. -0.03 min
 Lab File: BG040461.D
 Acq: 12 Apr 2019 14:47

Tgt Ion: 77 Resp: 106599
 Ion Ratio Lower Upper
 77 100
 123 45.6 37.8 56.6
 65 12.8 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: 38.004 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.03 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

Instrument :

BNA_G

ClientSampled :

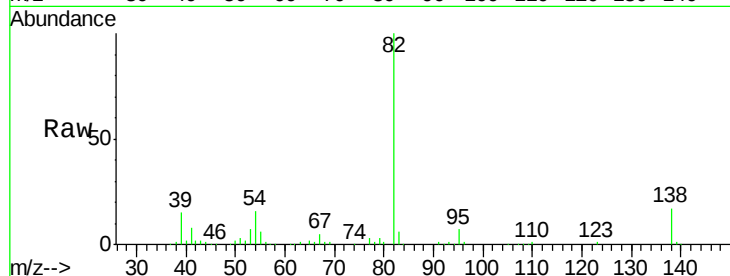
Tot Ion: 82 Resp: 199481

Ion Ratio Lower Upper

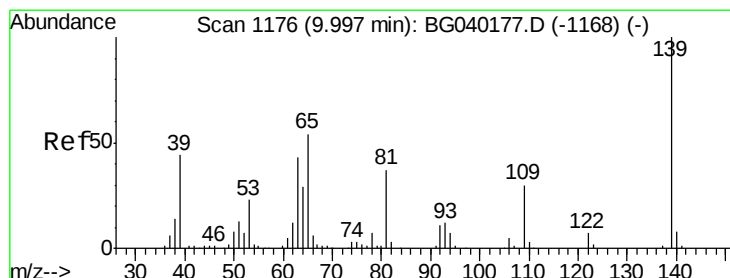
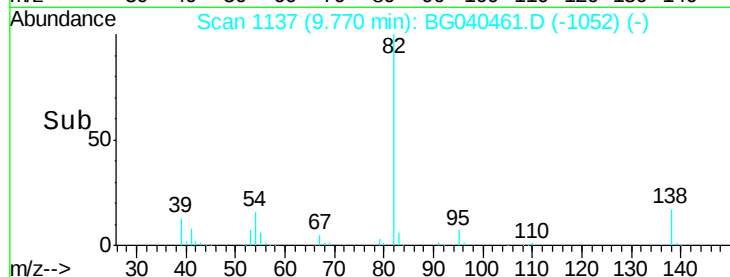
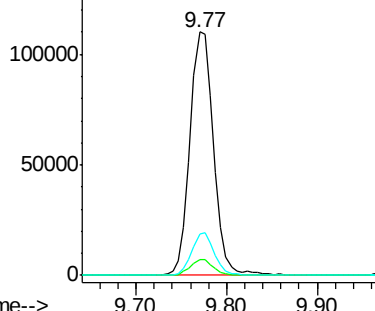
82 100

95 6.7 6.1 9.1

138 17.1 13.2 19.8



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



#26

2-Nitrophenol

Concen: 38.622 ng

RT: 9.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

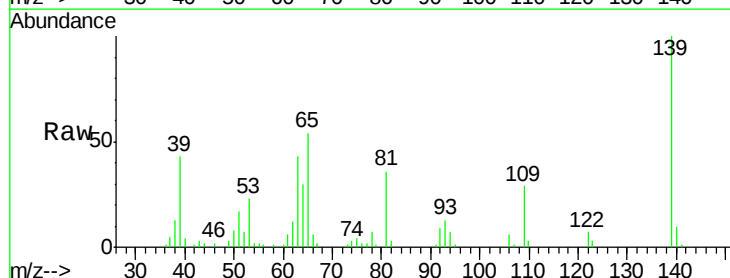
Tgt Ion: 139 Resp: 48345

Ion Ratio Lower Upper

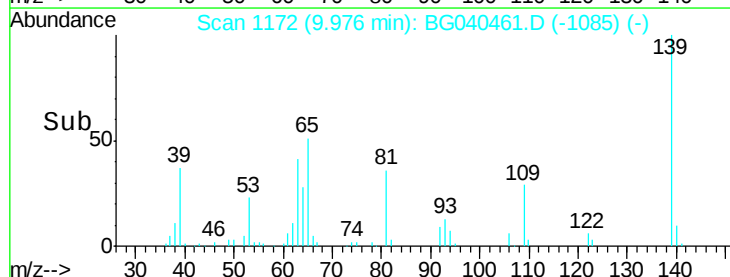
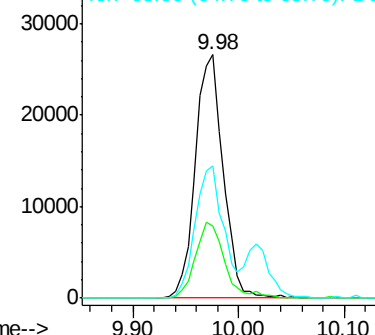
139 100

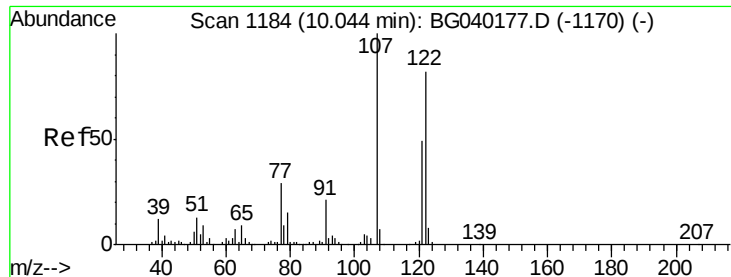
109 29.4 24.1 36.1

65 54.1 43.0 64.6



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

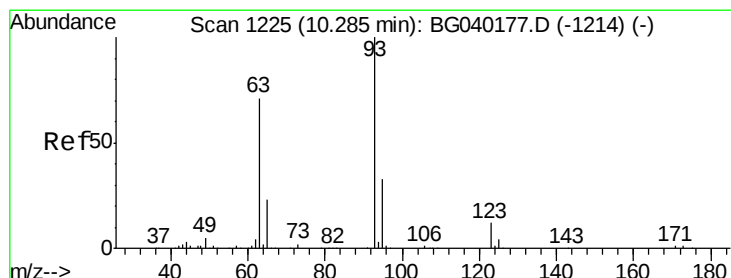
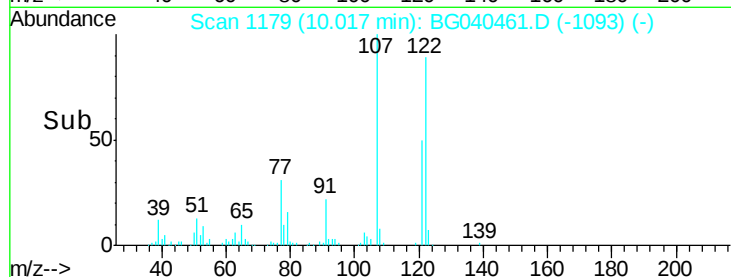
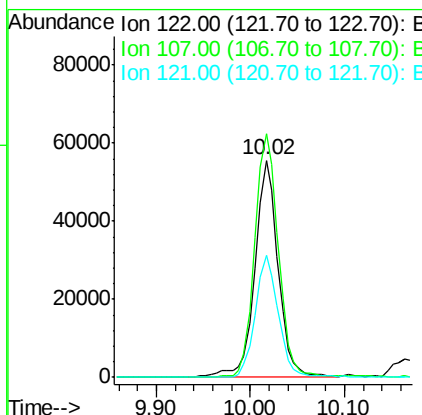
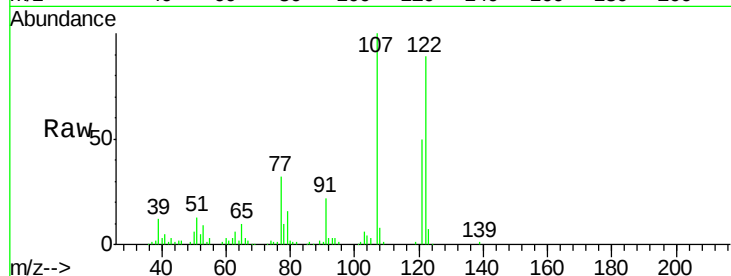




#27
 2,4-Dimethylphenol
 Concen: 48.141 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.03 min
 Lab File: BG040461.D
 Acq: 12 Apr 2019 14:47

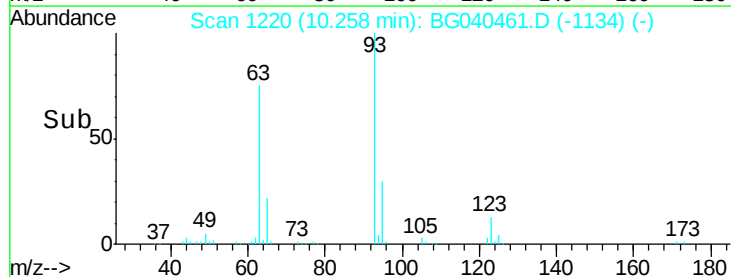
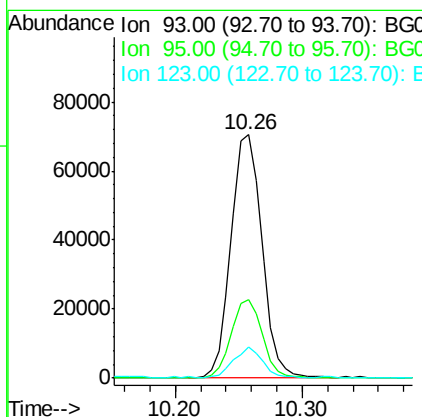
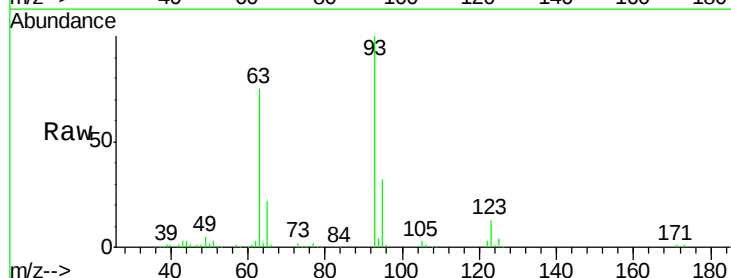
Instrument :
 BNA_G
 ClientSampleId :

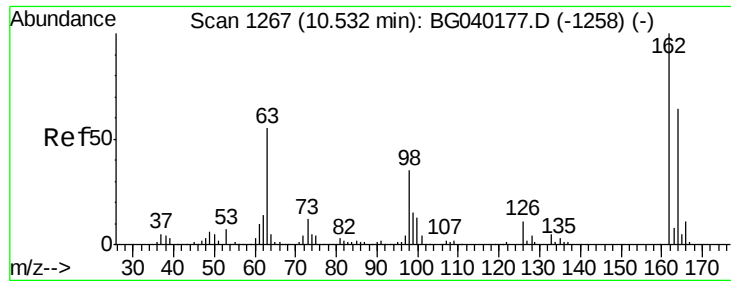
Tot Ion	122	Resp	95719
Ion	Ratio	Lower	Upper
122	100		
107	112.3	97.4	146.2
121	56.5	47.7	71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.465 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. -0.03 min
 Lab File: BG040461.D
 Acq: 12 Apr 2019 14:47

Tgt Ion	93	Resp	119450
Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.2	39.4
123	12.9	9.4	14.0

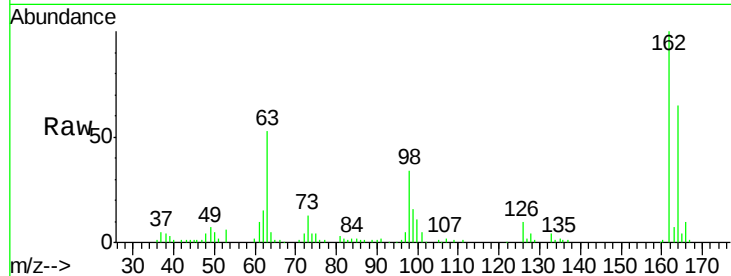




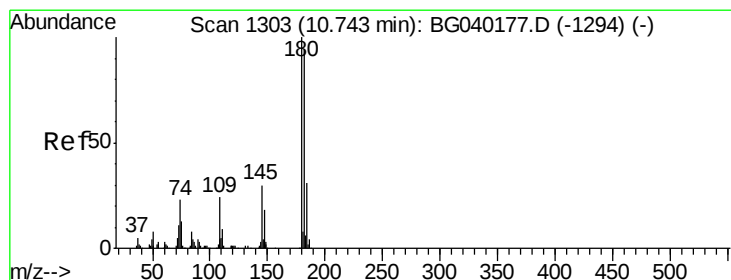
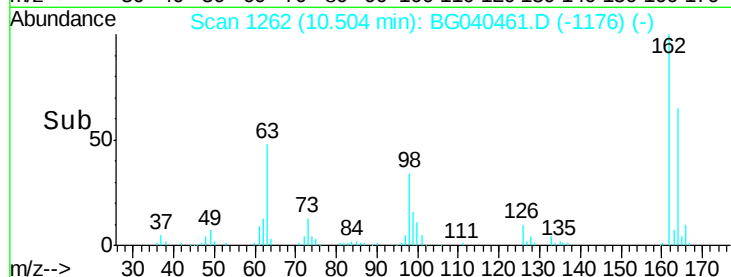
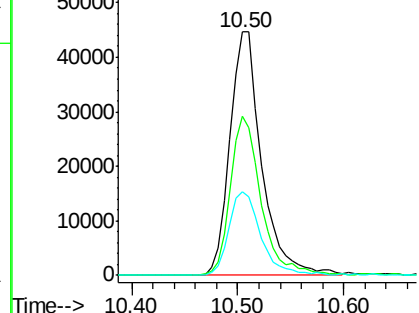
#29
 2,4-Dichlorophenol
 Concen: 43.019 ng
 RT: 10.50 min Scan# 1262
 Delta R.T. -0.03 min
 Lab File: BG040461.D
 Acq: 12 Apr 2019 14:47

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	43.9	83.9
98	34.3	15.6	55.6

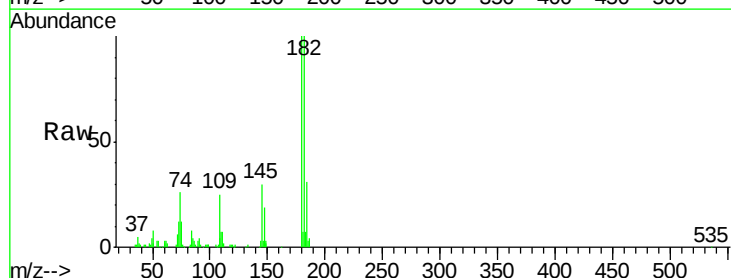


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

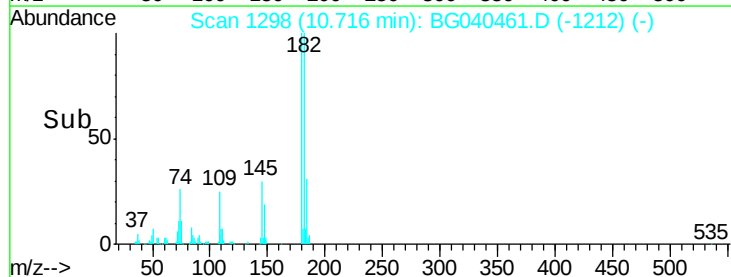
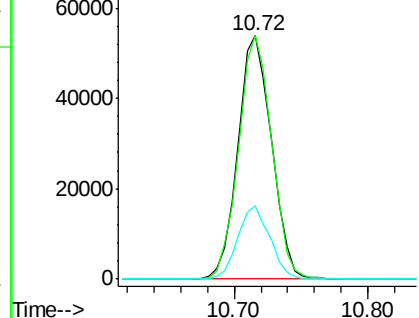


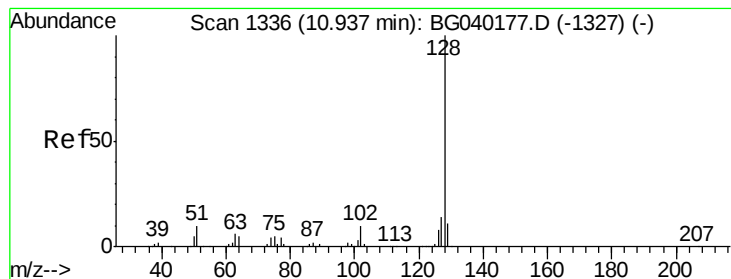
#30
 1,2,4-Trichlorobenzene
 Concen: 39.704 ng
 RT: 10.72 min Scan# 1298
 Delta R.T. -0.03 min
 Lab File: BG040461.D
 Acq: 12 Apr 2019 14:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.9	75.1	112.7
145	30.0	24.1	36.1



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.343 ng

RT: 10.91 min Scan# 1331

Delta R.T. -0.03 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

Instrument :

BNA_G

ClientSampleId :

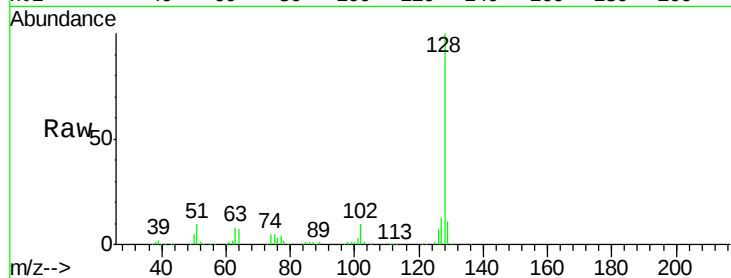
Tot Ion:128 Resp: 287349

Ion Ratio Lower Upper

128 100

129 10.6 8.9 13.3

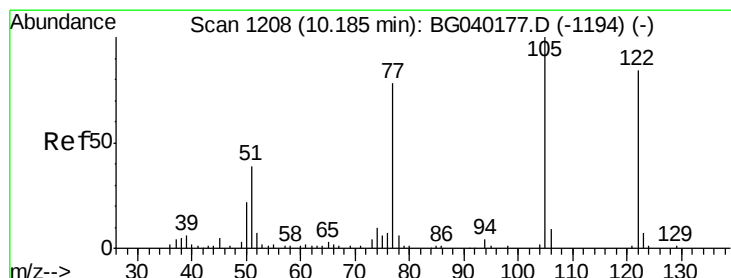
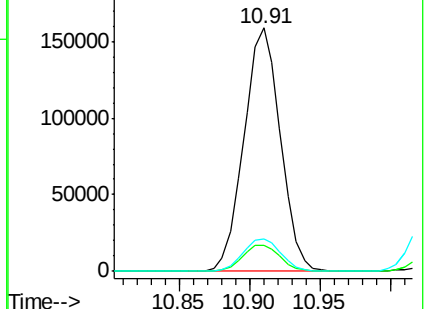
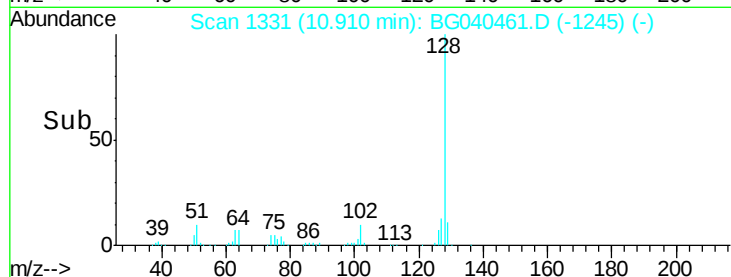
127 13.5 11.4 17.0



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: 7.198 ng

RT: 10.16 min Scan# 1204

Delta R.T. -0.02 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

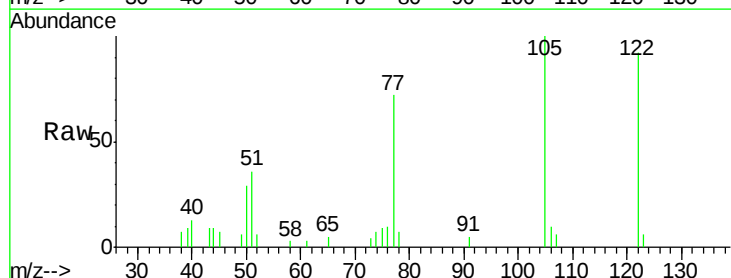
Tgt Ion:122 Resp: 8647

Ion Ratio Lower Upper

122 100

105 108.5 98.2 138.2

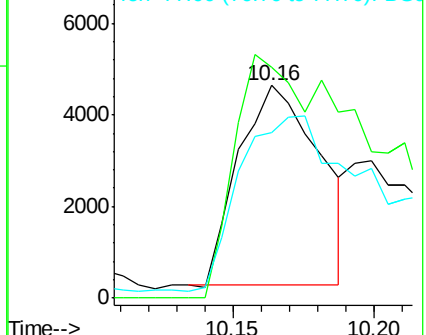
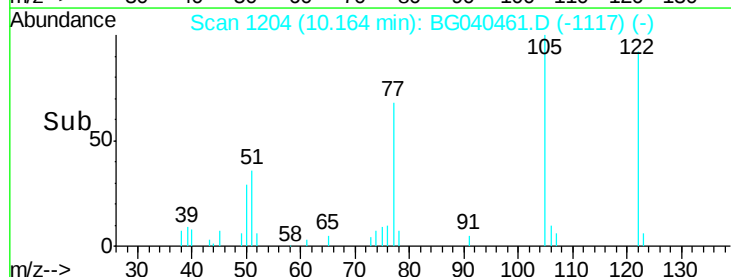
77 78.1 73.6 113.6



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

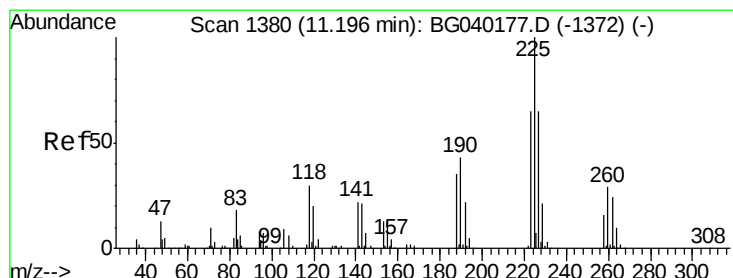
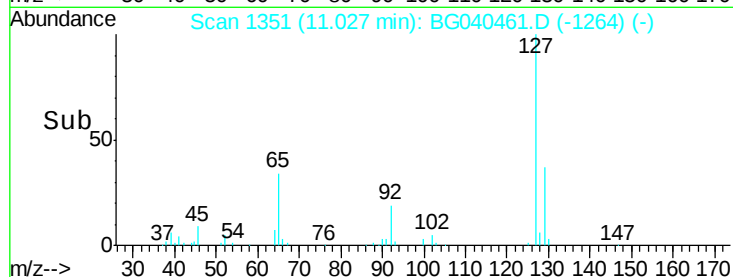
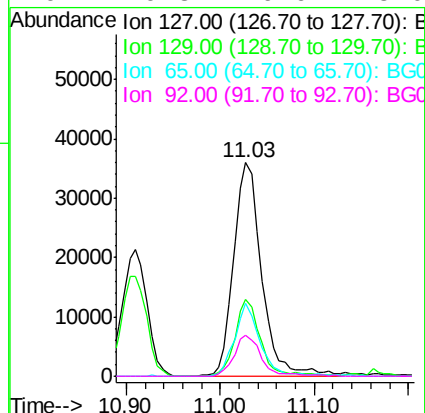
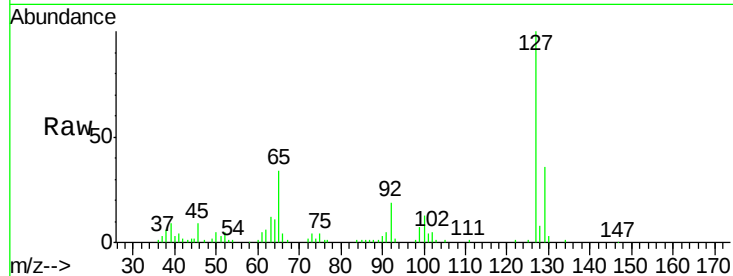




#33
4-Chloroaniline
Concen: 25.260 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG040461.D
Acq: 12 Apr 2019 14:47

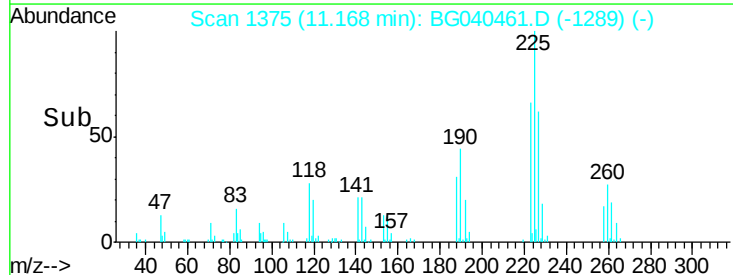
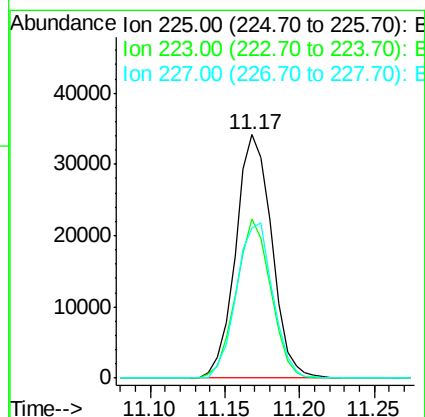
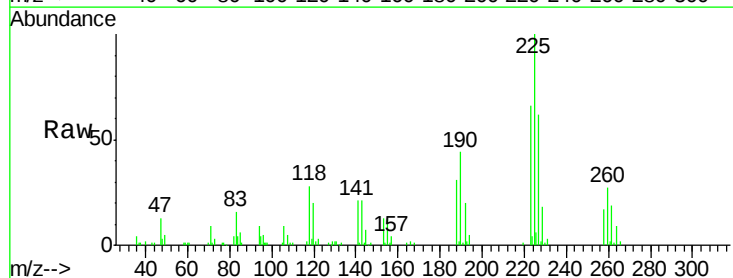
Instrument :
BNA_G
ClientSampleId :

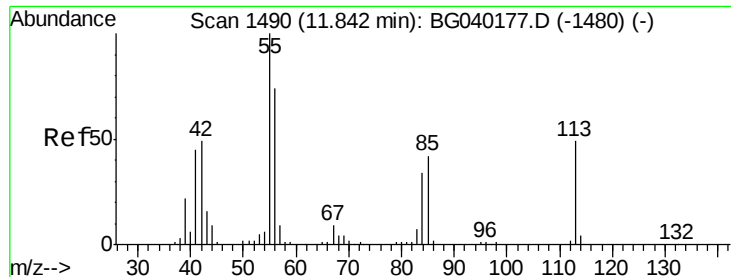
Tot Ion:	127	Resp:	74888
Ion	Ratio	Lower	Upper
127	100		
129	36.1	26.6	40.0
65	34.1	27.0	40.4
92	19.3	16.6	25.0



#34
Hexachlorobutadiene
Concen: 37.814 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.03 min
Lab File: BG040461.D
Acq: 12 Apr 2019 14:47

Tgt Ion:	225	Resp:	57309
Ion	Ratio	Lower	Upper
225	100		
223	65.5	51.8	77.8
227	61.6	54.9	82.3





#35

Caprolactam

Concen: 42.068 ng

RT: 11.80 min Scan# 1483

Delta R.T. -0.04 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

Instrument :

BNA_G

ClientSampleId :

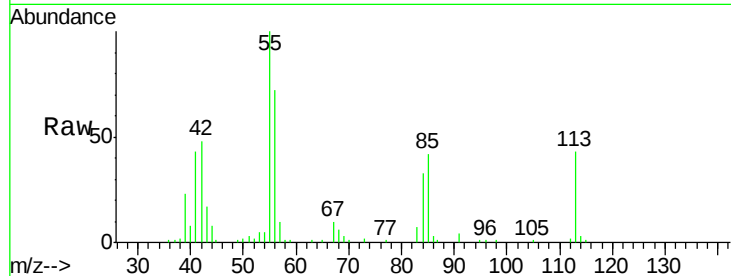
Tot Ion:113 Resp: 36029

Ion Ratio Lower Upper

113 100

55 231.0 184.2 224.2#

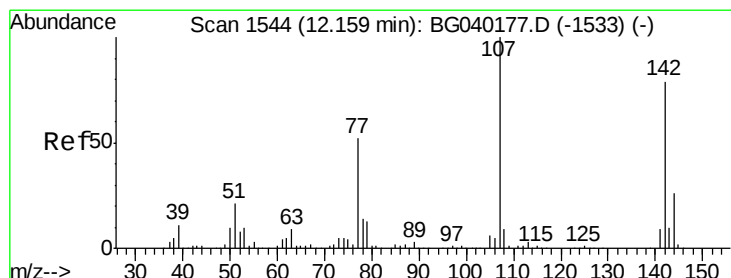
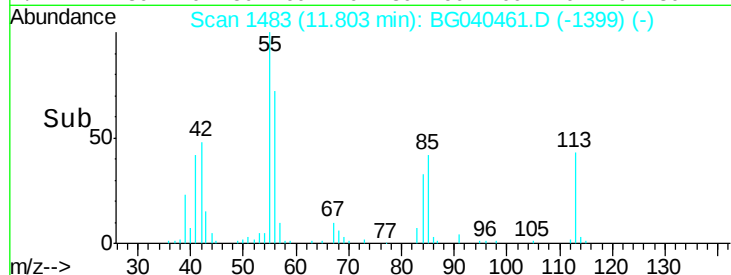
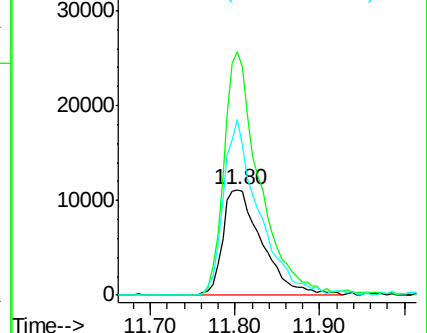
56 166.9 131.3 171.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 44.672 ng

RT: 12.14 min Scan# 1540

Delta R.T. -0.02 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

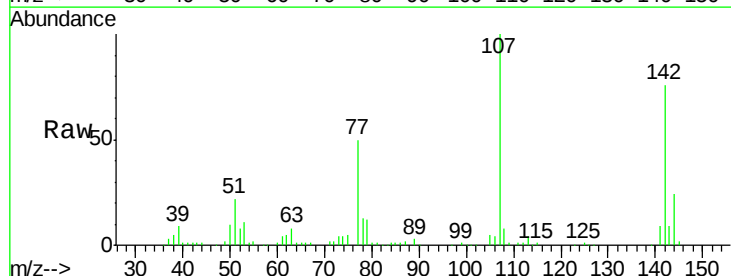
Tgt Ion:107 Resp: 110835

Ion Ratio Lower Upper

107 100

144 23.7 20.5 30.7

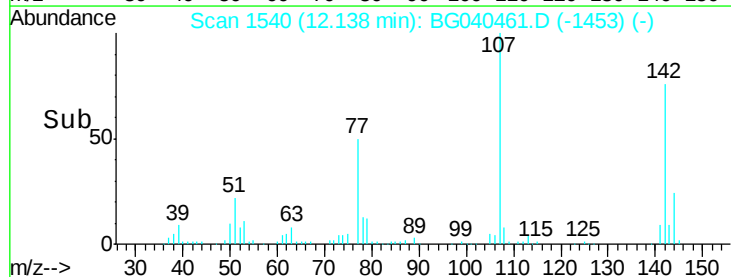
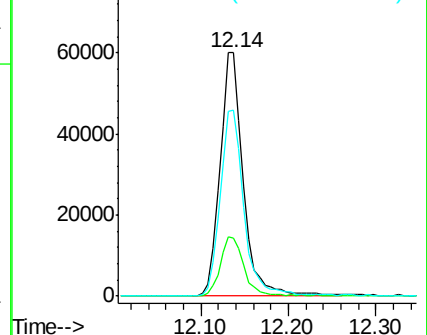
142 76.2 63.1 94.7

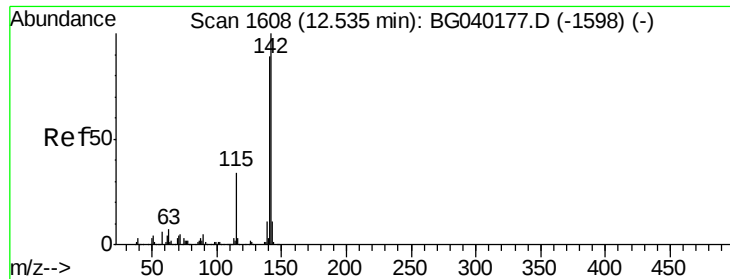


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

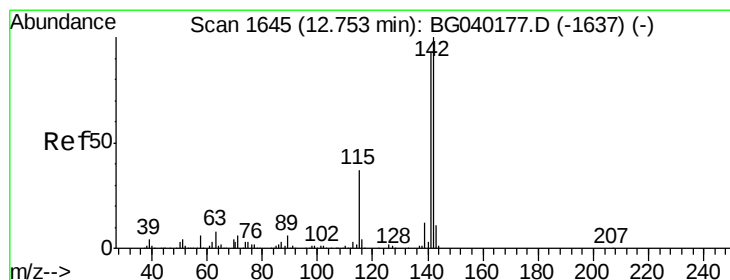
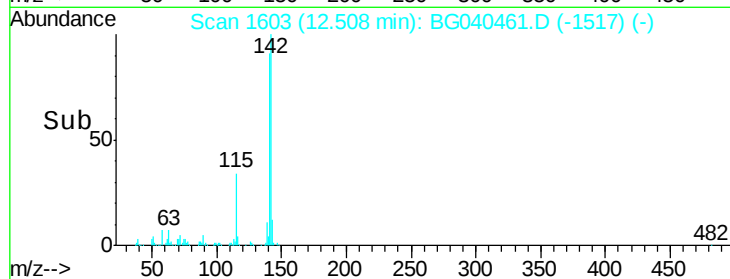
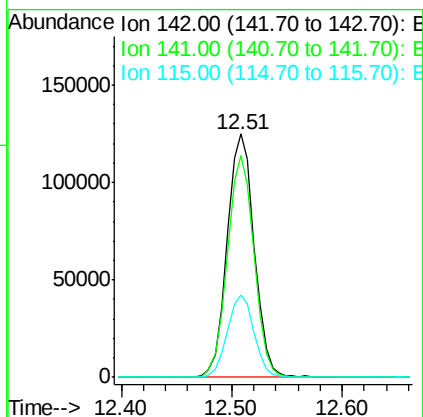
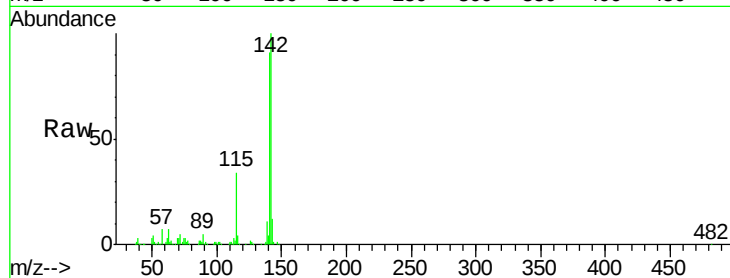




#37
2-Methylnaphthalene
Concen: 41.699 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.03 min
Lab File: BG040461.D
Acq: 12 Apr 2019 14:47

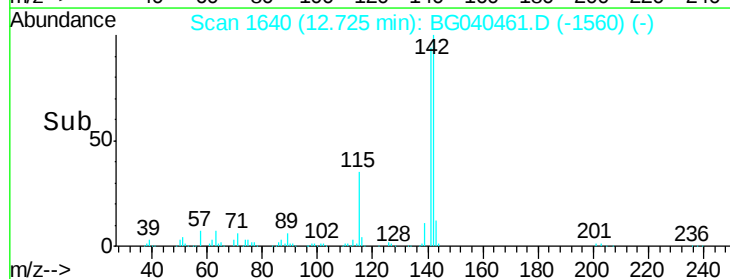
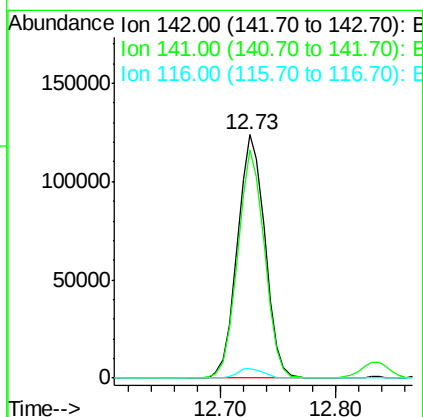
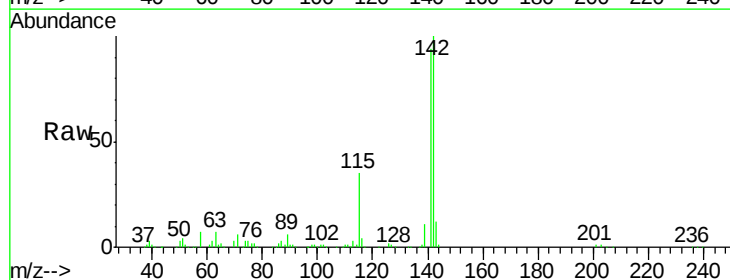
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.0	106.6
115	33.7	27.3	40.9



#38
1-Methylnaphthalene
Concen: 40.931 ng
RT: 12.73 min Scan# 1640
Delta R.T. -0.03 min
Lab File: BG040461.D
Acq: 12 Apr 2019 14:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	74.2	111.4
116	3.8	3.0	4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.03 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

Instrument :

BNA_G

ClientSampleId :

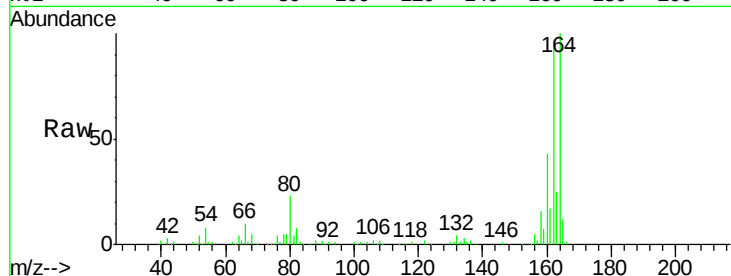
Tot Ion:164 Resp: 87025

Ion Ratio Lower Upper

164 100

162 96.7 77.4 116.2

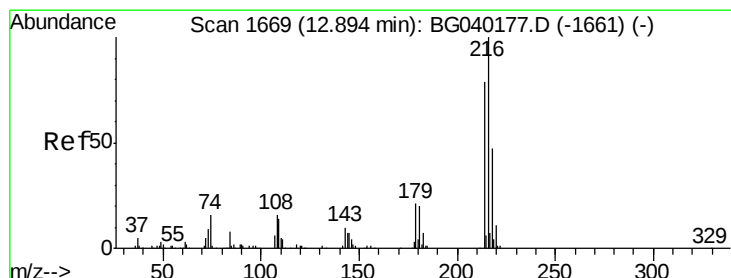
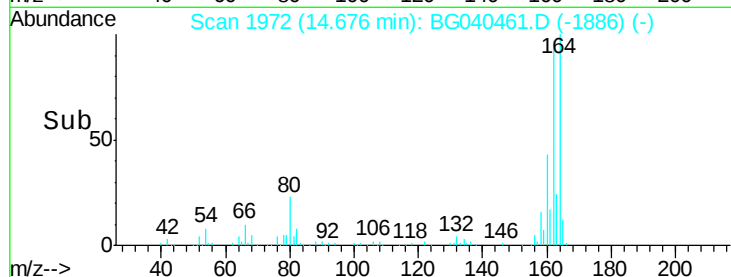
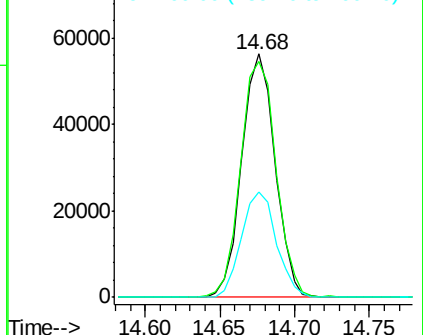
160 43.5 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.474 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.02 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

Tgt Ion:216 Resp: 109183

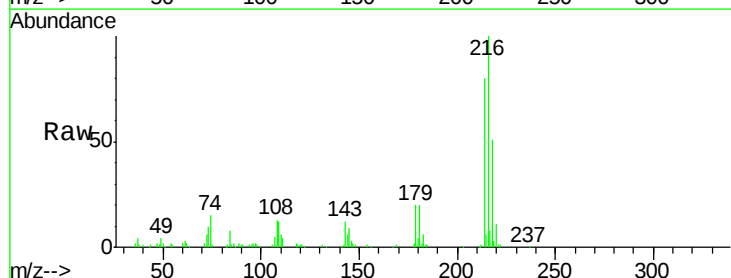
Ion Ratio Lower Upper

216 100

214 79.5 63.5 95.3

179 20.6 16.6 25.0

108 18.9 13.8 20.8

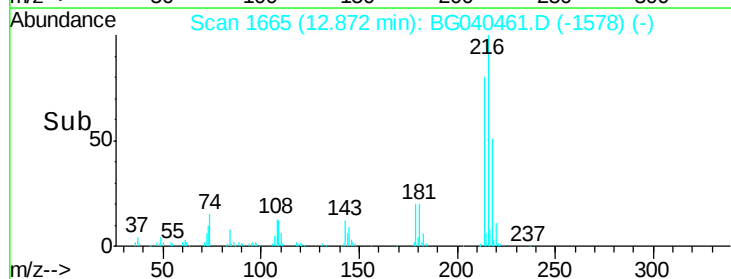
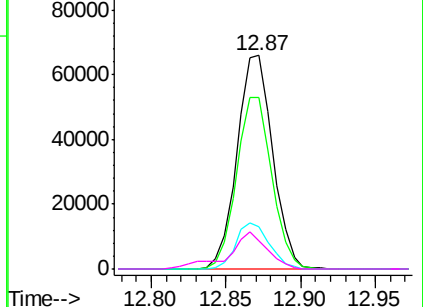


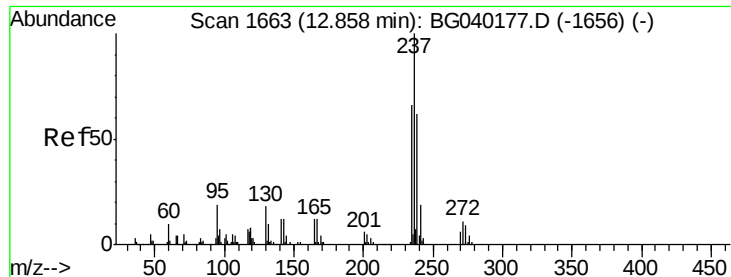
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 77.531 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

Instrument :

BNA_G

ClientSampleId :

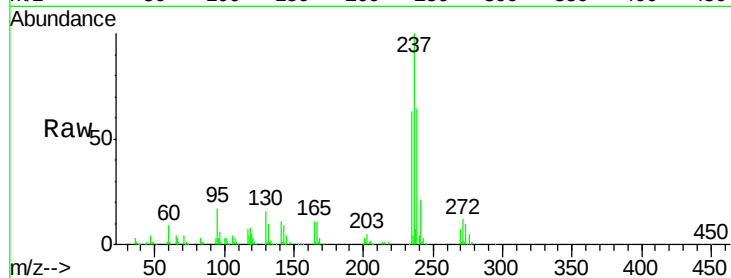
Tot Ion:237 Resp: 117748

Ion Ratio Lower Upper

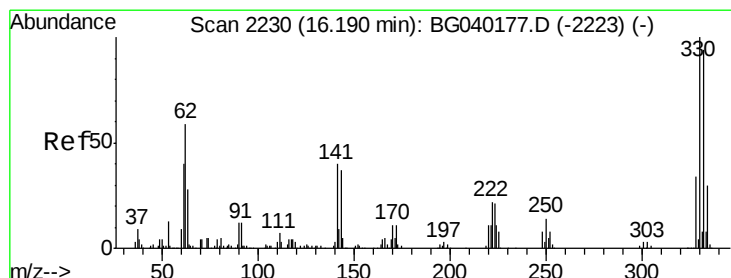
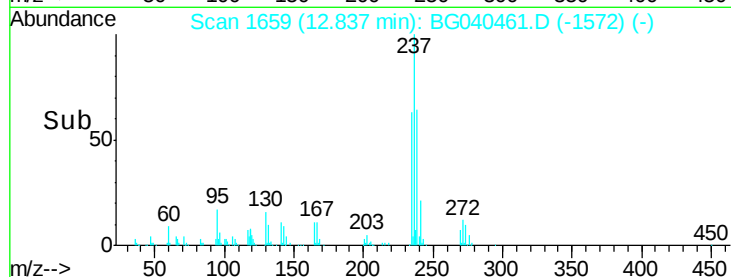
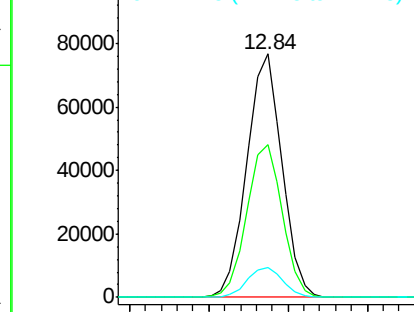
237 100

235 62.6 46.2 86.2

272 12.5 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: 155.773 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.03 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

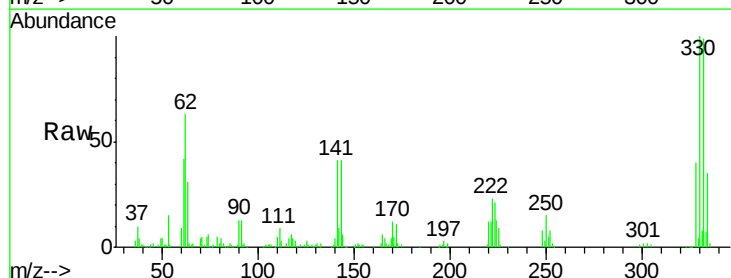
Tgt Ion:330 Resp: 146507

Ion Ratio Lower Upper

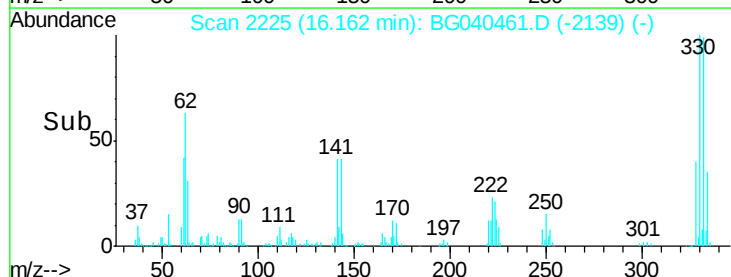
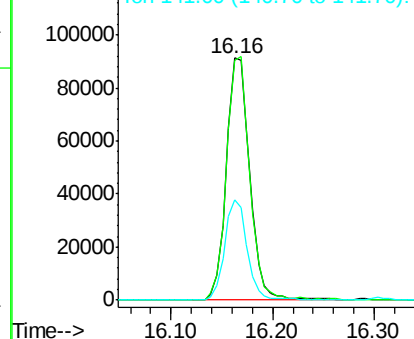
330 100

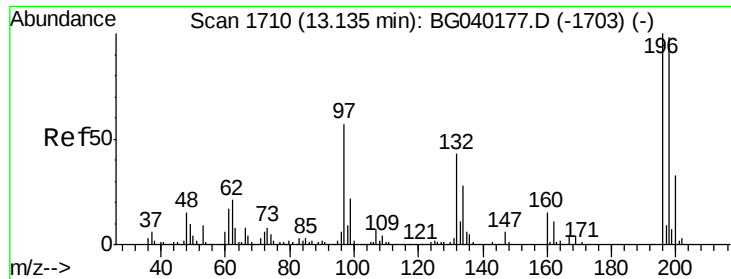
332 99.1 76.6 115.0

141 39.8 32.6 48.8



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

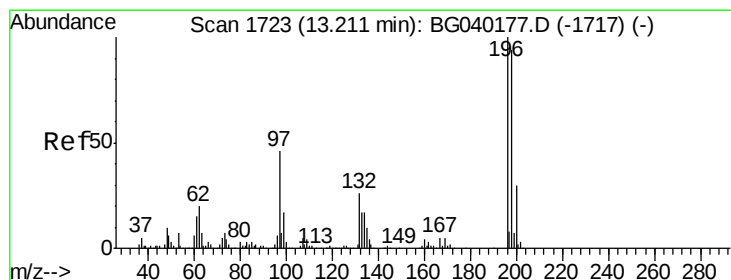
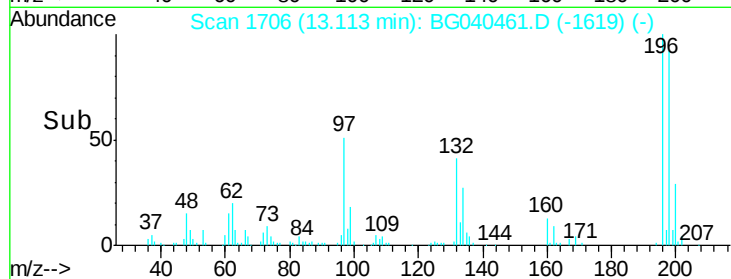
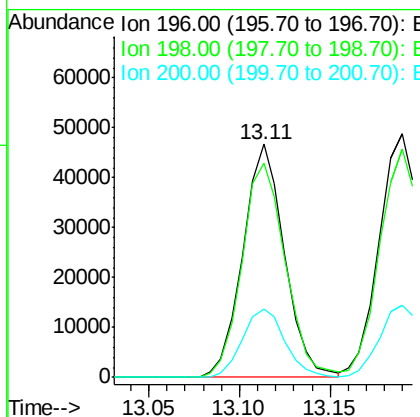
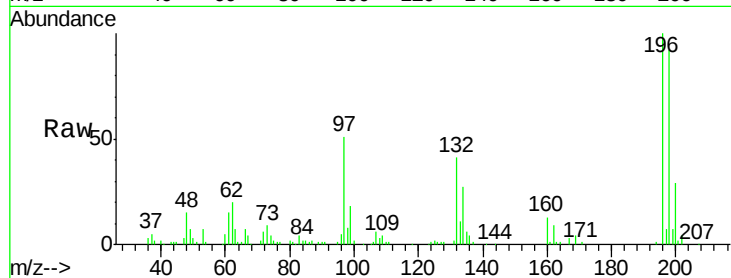




#43
 2,4,6-Trichlorophenol
 Concen: 41.647 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG040461.D
 Acq: 12 Apr 2019 14:47

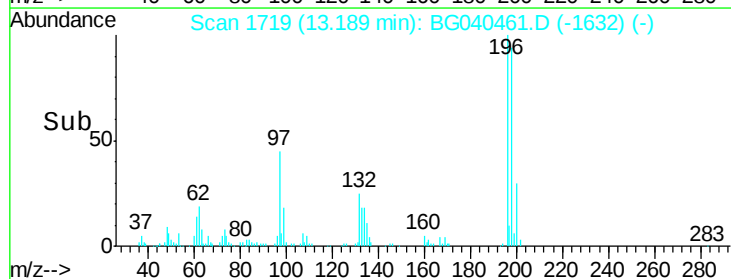
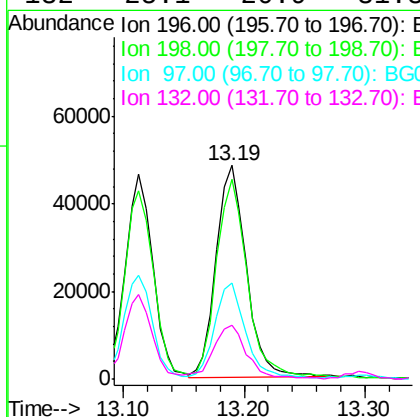
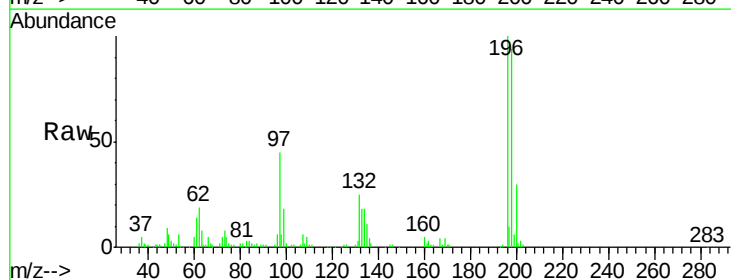
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 74270
 Ion Ratio Lower Upper
 196 100
 198 92.2 78.3 117.5
 200 29.1 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 43.353 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040461.D
 Acq: 12 Apr 2019 14:47

Tgt Ion:196 Resp: 84268
 Ion Ratio Lower Upper
 196 100
 198 93.7 75.0 112.6
 97 45.2 37.3 55.9
 132 25.1 20.9 31.3

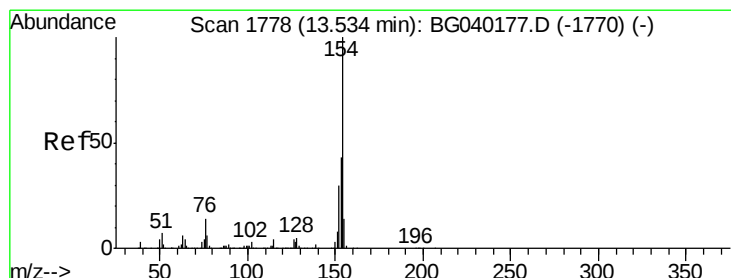
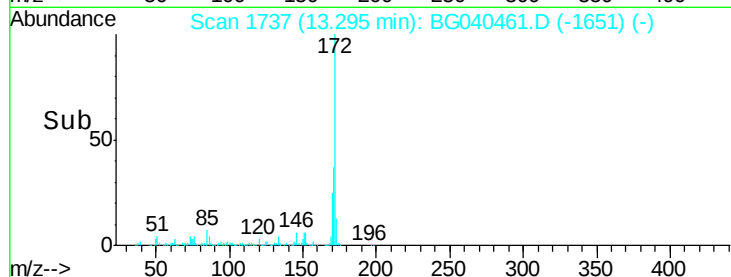
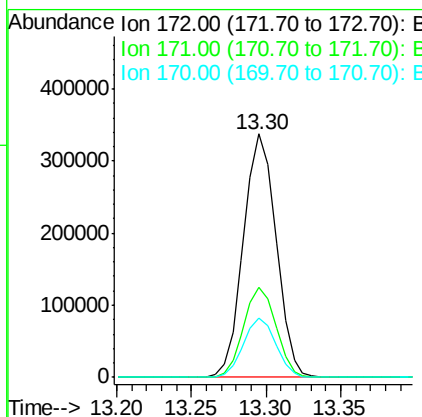
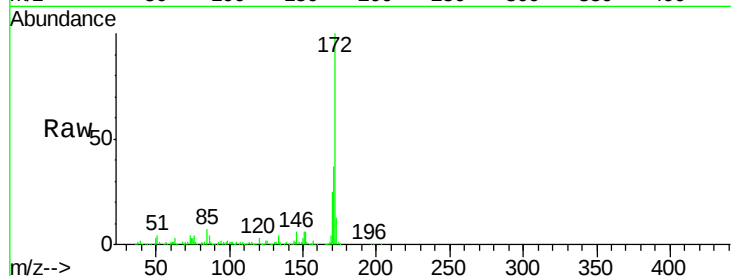




#45
2-Fluorobiphenyl
Concen: 87.386 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.03 min
Lab File: BG040461.D
Acq: 12 Apr 2019 14:47

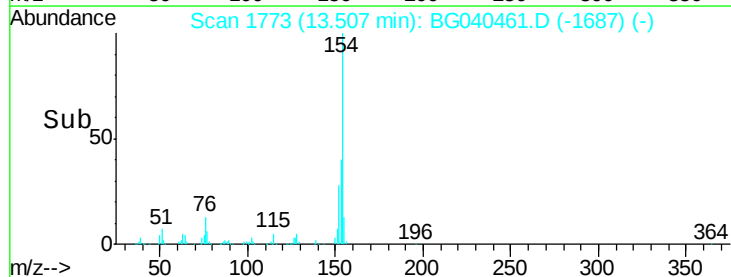
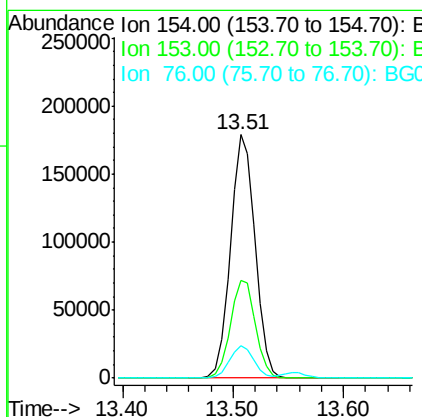
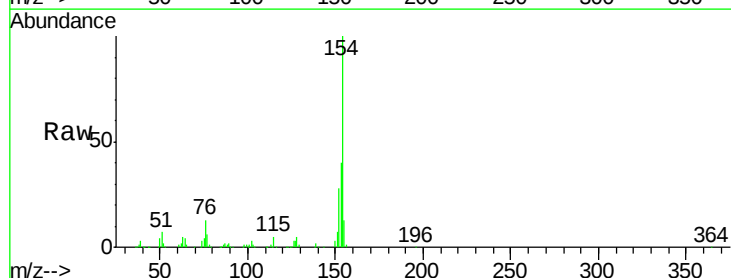
Instrument :
BNA_G
ClientSampled :

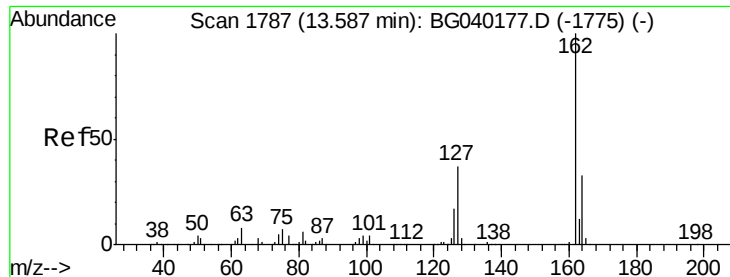
Tot Ion:172 Resp: 513223
Ion Ratio Lower Upper
172 100
171 36.8 30.5 45.7
170 24.6 20.1 30.1



#46
1,1'-Biphenyl
Concen: 40.446 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.03 min
Lab File: BG040461.D
Acq: 12 Apr 2019 14:47

Tgt Ion:154 Resp: 278108
Ion Ratio Lower Upper
154 100
153 40.2 22.5 62.5
76 13.4 0.0 33.7

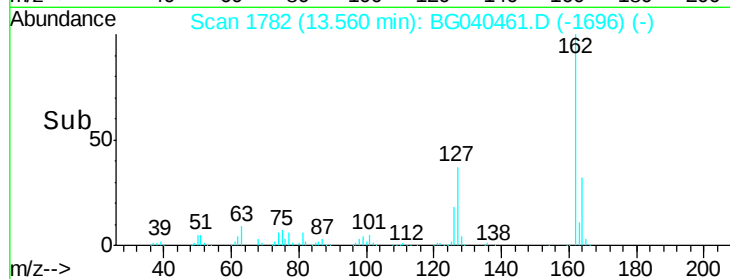
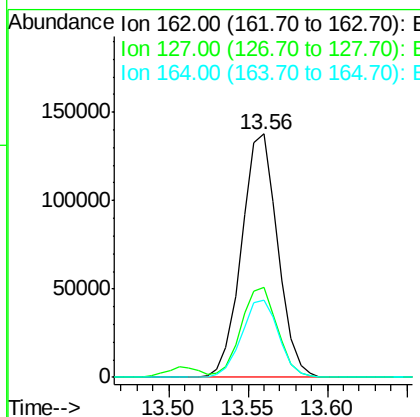
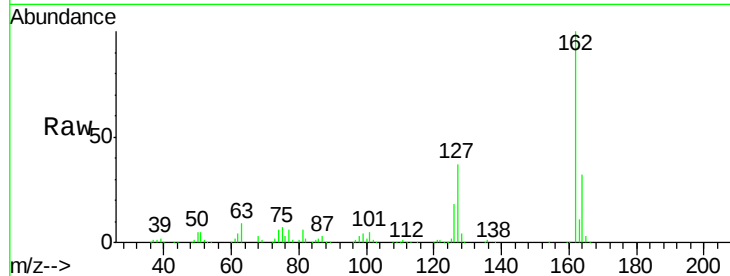




#47
 2-Chloronaphthalene
 Concen: 41.257 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.03 min
 Lab File: BG040461.D
 Acq: 12 Apr 2019 14:47

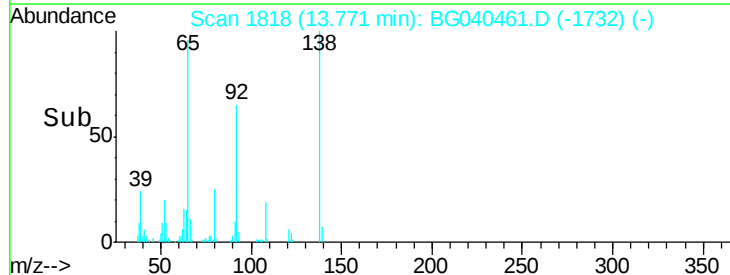
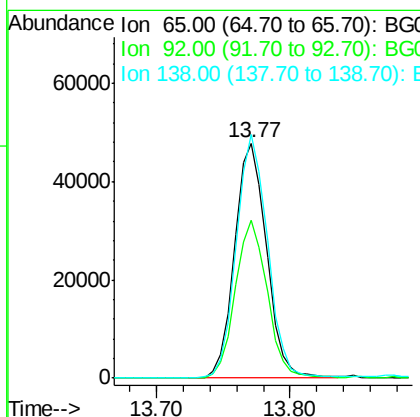
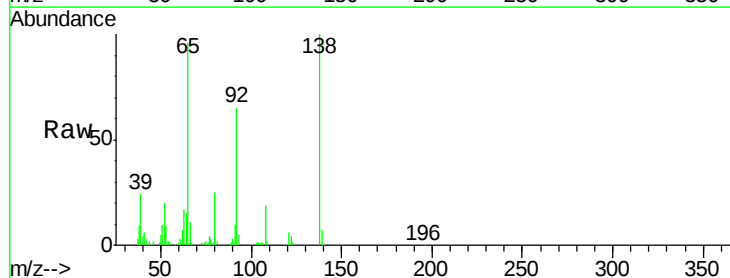
Instrument :
 BNA_G
 ClientSampleId :

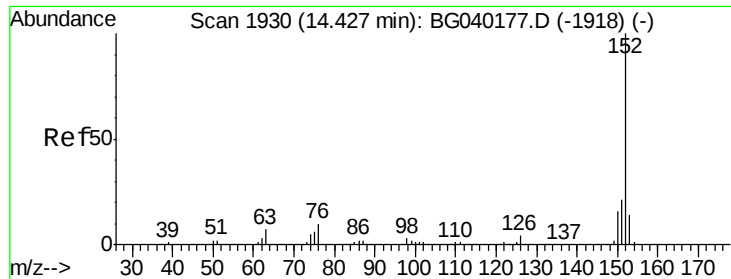
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.9	30.6	45.8
164	31.6	26.2	39.4



#48
 2-Nitroaniline
 Concen: 44.761 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. -0.03 min
 Lab File: BG040461.D
 Acq: 12 Apr 2019 14:47

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.5	53.8	80.6
138	103.7	86.3	129.5





#49

Acenaphthylene

Concen: 41.251 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.03 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

Instrument :

BNA_G

ClientSampleId :

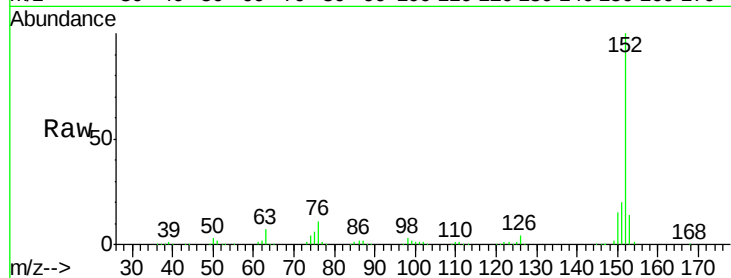
Tot Ion:152 Resp: 368898

Ion Ratio Lower Upper

152 100

151 19.9 17.0 25.6

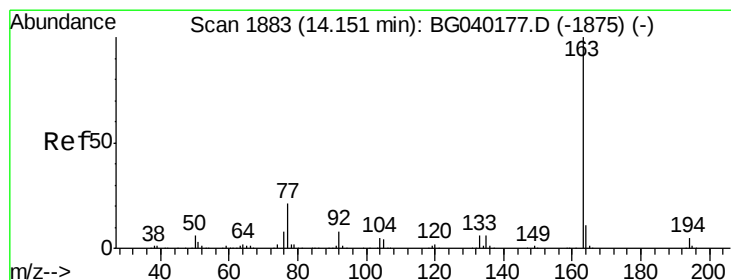
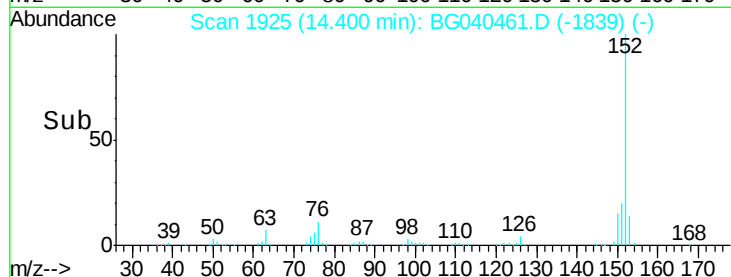
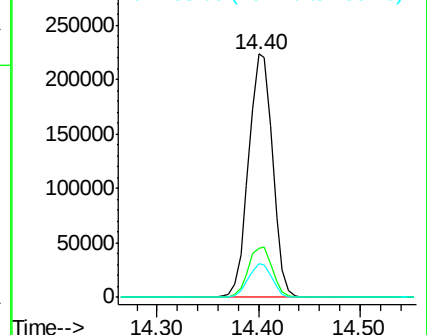
153 13.7 10.8 16.2



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: 43.839 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.03 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

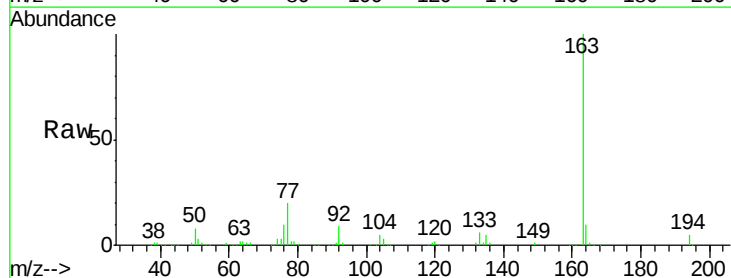
Tgt Ion:163 Resp: 298583

Ion Ratio Lower Upper

163 100

194 4.6 4.1 6.1

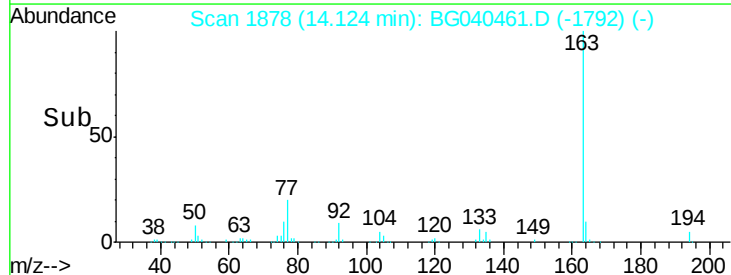
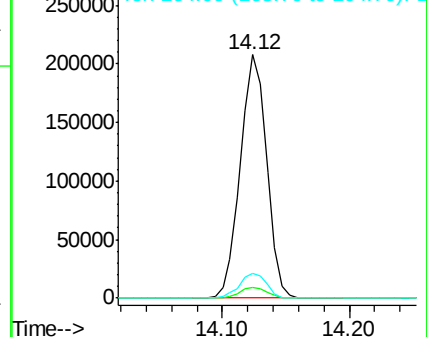
164 10.2 8.6 13.0

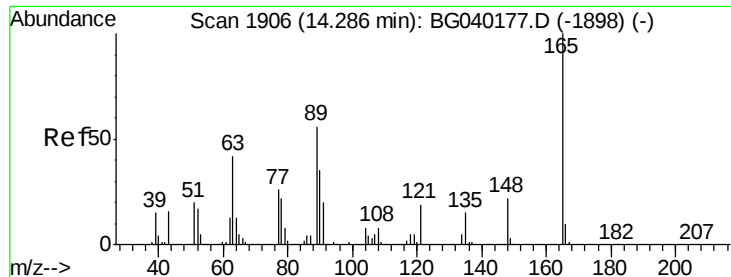


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

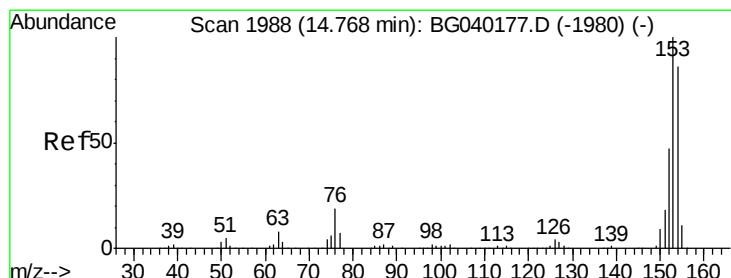
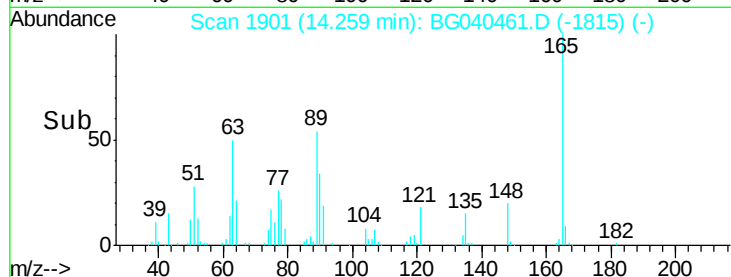
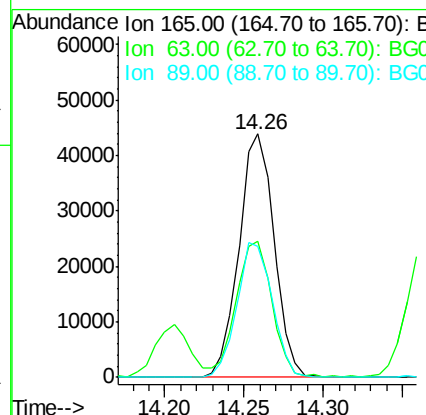
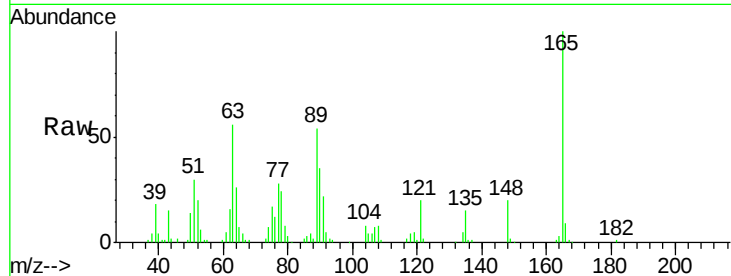




#51
 2,6-Dinitrotoluene
 Concen: 44.086 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.03 min
 Lab File: BG040461.D
 Acq: 12 Apr 2019 14:47

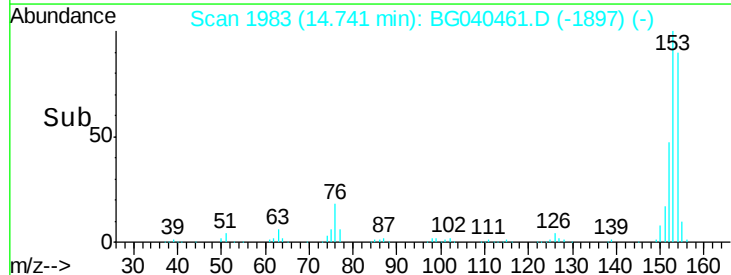
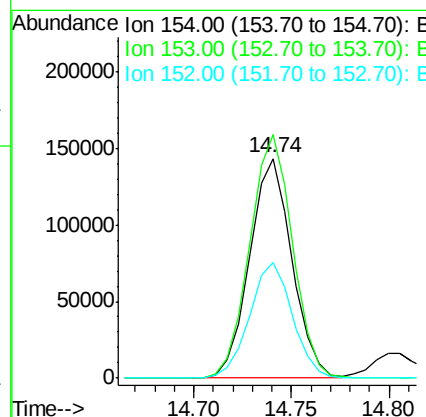
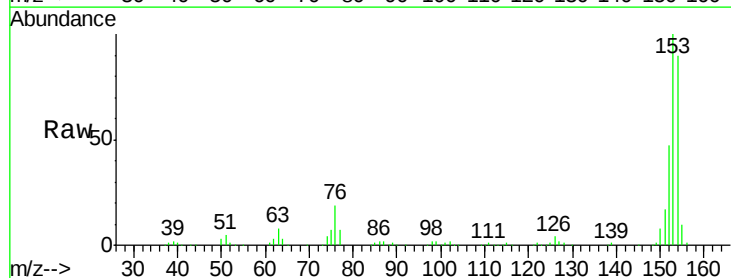
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 67420
 Ion Ratio Lower Upper
 165 100
 63 55.8 44.1 66.1
 89 53.6 44.9 67.3



#52
 Acenaphthene
 Concen: 42.028 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.03 min
 Lab File: BG040461.D
 Acq: 12 Apr 2019 14:47

Tgt Ion:154 Resp: 215361
 Ion Ratio Lower Upper
 154 100
 153 111.0 92.8 139.2
 152 52.7 43.4 65.2





#53

3-Nitroaniline

Concen: 31.855 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.02 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

Instrument :

BNA_G

ClientSampled :

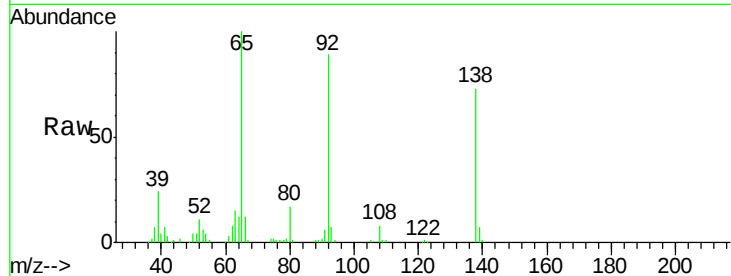
Tot Ion:138 Resp: 51567

Ion Ratio Lower Upper

138 100

108 10.6 7.8 11.8

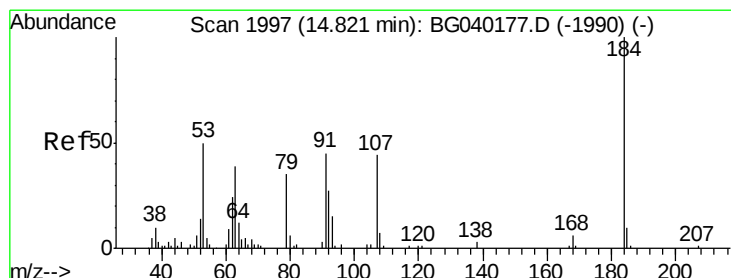
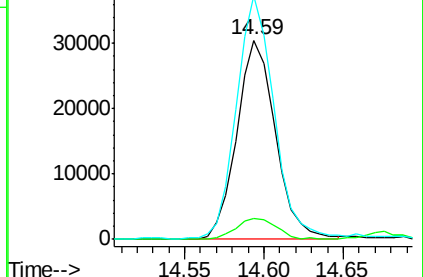
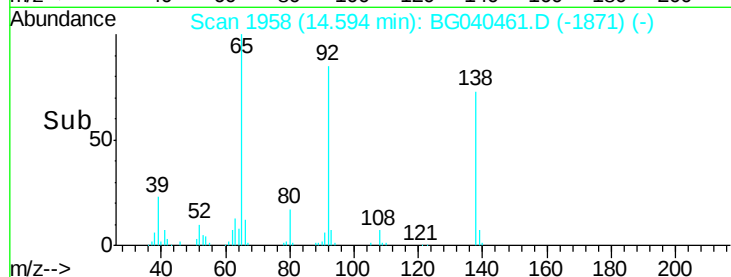
92 122.5 87.5 131.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): B



#54

2,4-Dinitrophenol

Concen: 64.742 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

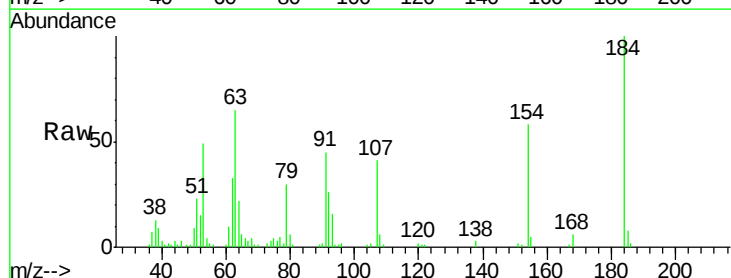
Tgt Ion:184 Resp: 52656

Ion Ratio Lower Upper

184 100

63 64.6 51.8 77.8

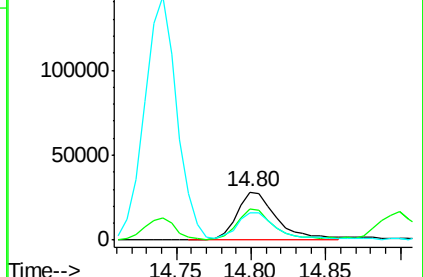
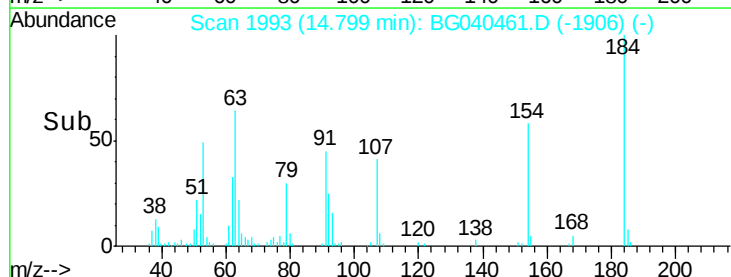
154 57.7 50.9 76.3

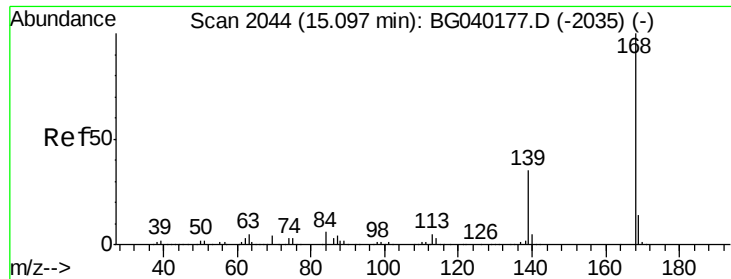


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 44.190 ng

RT: 15.07 min Scan# 2039

Delta R.T. -0.03 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

Instrument :

BNA_G

ClientSampleId :

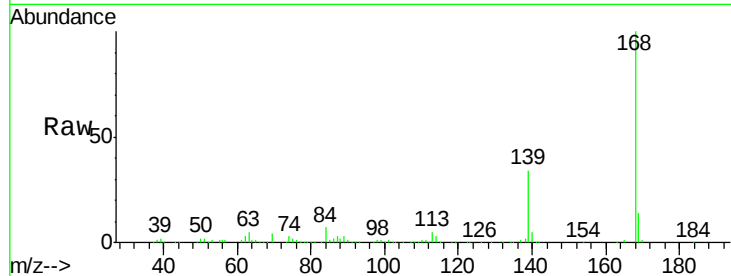
Tot Ion:168 Resp: 363858

Ion Ratio Lower Upper

168 100

139 34.0 27.9 41.9

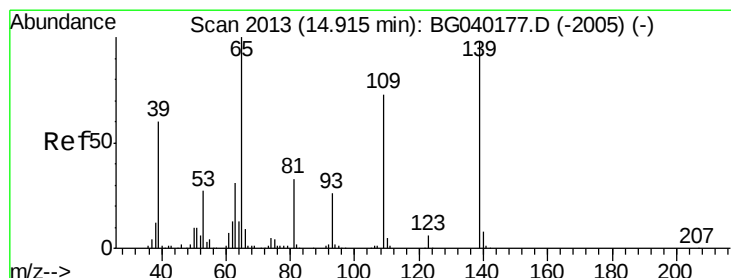
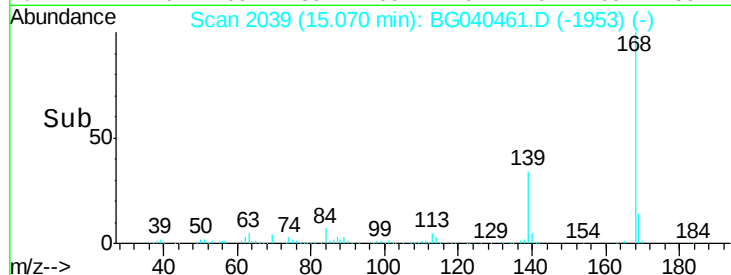
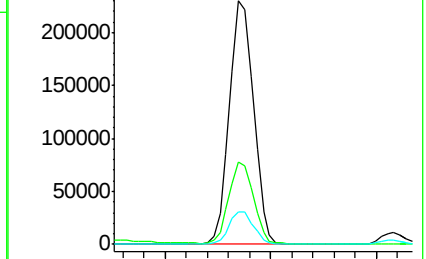
169 13.6 11.3 16.9



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: 85.955 ng

RT: 14.90 min Scan# 2010

Delta R.T. -0.02 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

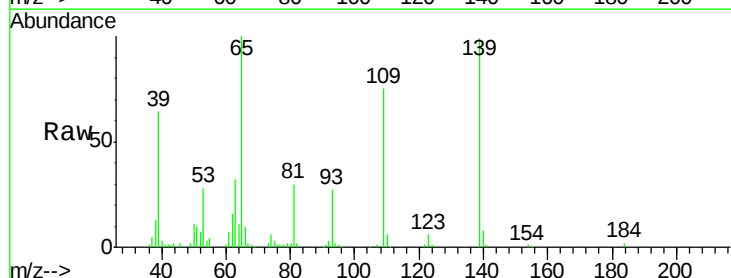
Tgt Ion:139 Resp: 112302

Ion Ratio Lower Upper

139 100

109 75.9 54.3 94.3

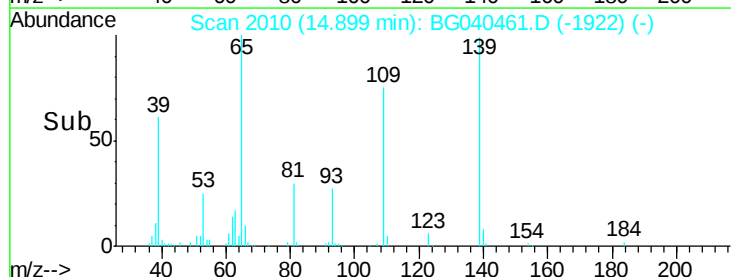
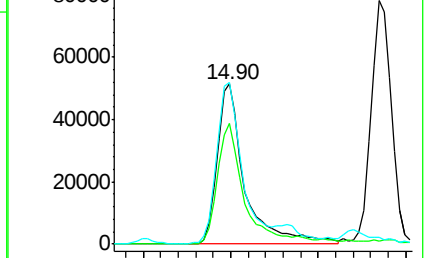
65 101.4 82.5 122.5

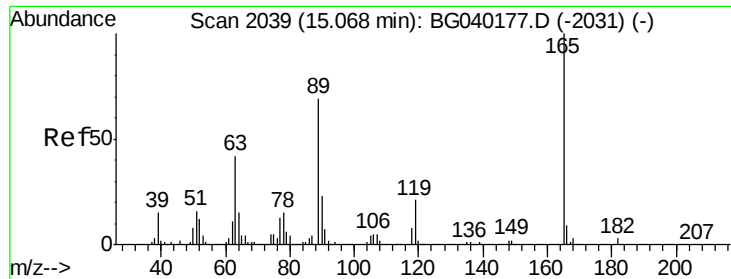


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

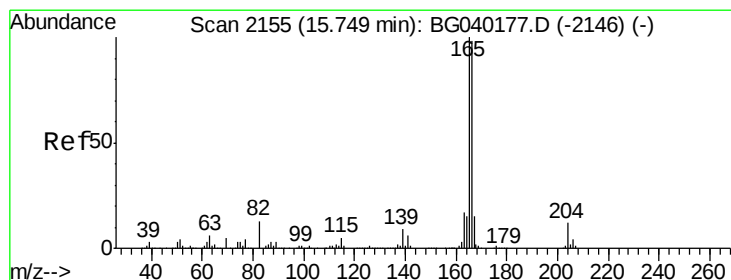
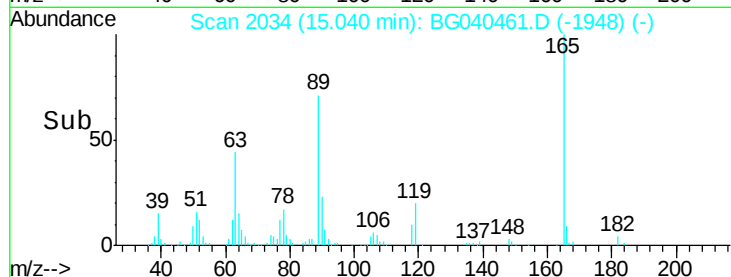
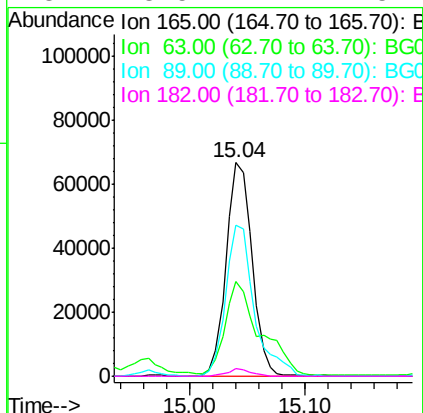
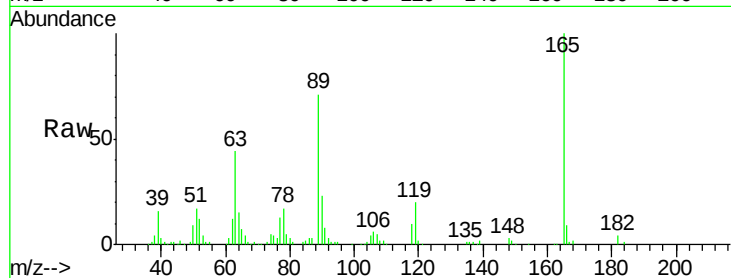




#57
 2,4-Dinitrotoluene
 Concen: 48.796 ng
 RT: 15.04 min Scan# 2034
 Delta R.T. -0.03 min
 Lab File: BG040461.D
 Acq: 12 Apr 2019 14:47

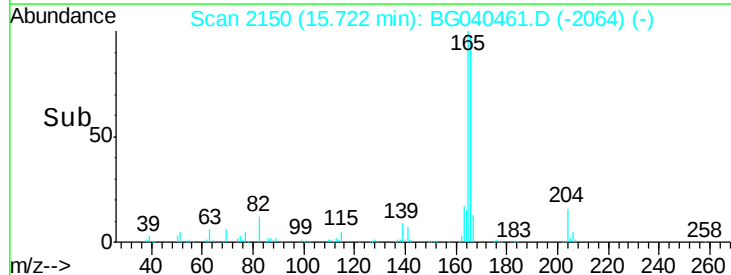
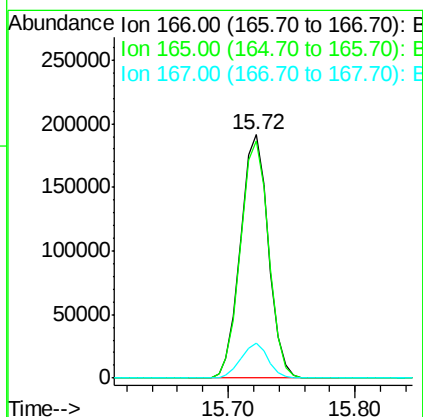
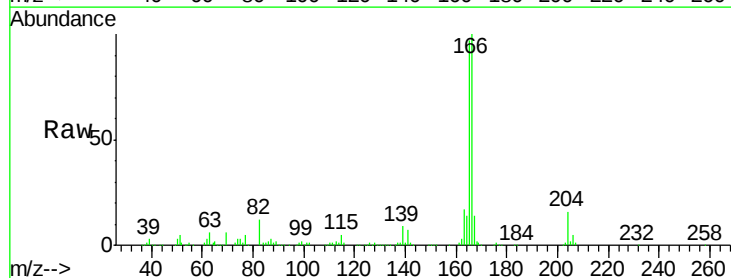
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.2	33.8	50.6
89	70.7	55.4	83.2
182	3.5	2.2	3.4



#58
 Fluorene
 Concen: 45.040 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. -0.03 min
 Lab File: BG040461.D
 Acq: 12 Apr 2019 14:47

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.3	81.7	122.5
167	14.5	11.9	17.9

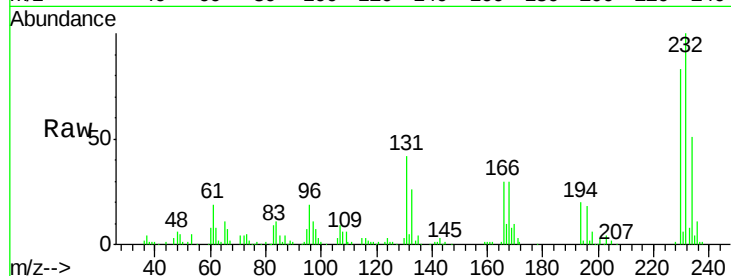




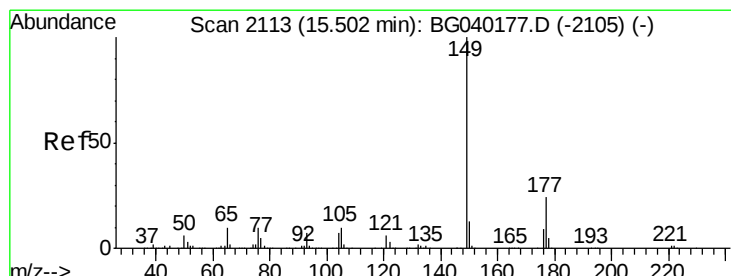
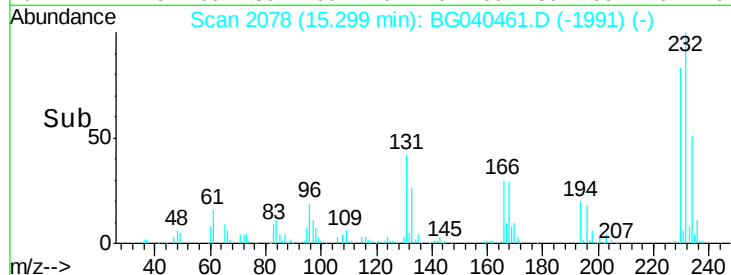
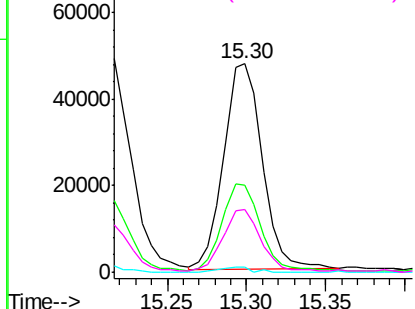
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.266 ng
RT: 15.30 min Scan# 2078
Delta R.T. -0.02 min
Lab File: BG040461.D
Acq: 12 Apr 2019 14:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	232	Resp:	79842
Ion	Ratio	Lower	Upper
232	100		
131	45.1	32.9	49.3
130	2.0	1.8	2.8
166	29.6	23.5	35.3

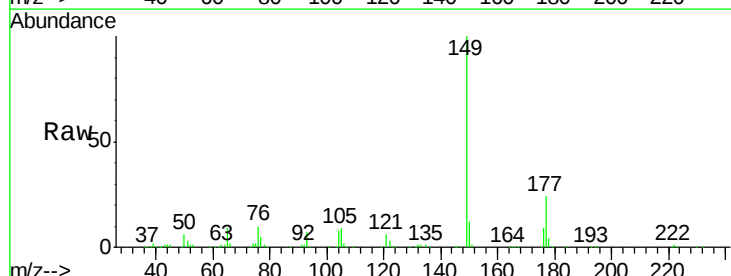


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

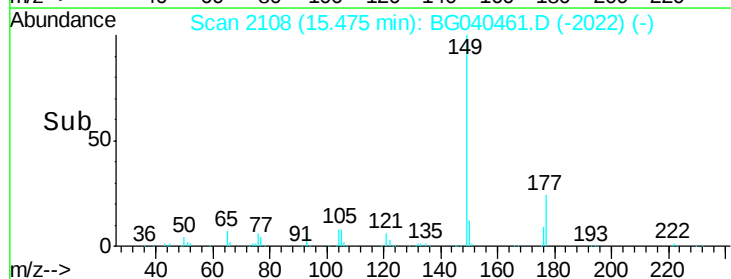
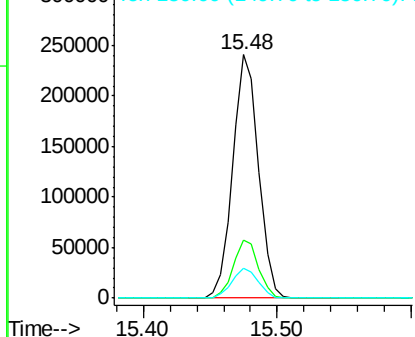


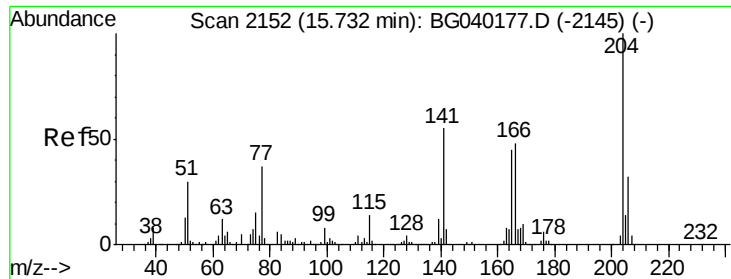
#60
Diethylphthalate
Concen: 46.217 ng
RT: 15.48 min Scan# 2108
Delta R.T. -0.03 min
Lab File: BG040461.D
Acq: 12 Apr 2019 14:47

Tgt Ion:	149	Resp:	322110
Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.1	28.7
150	12.4	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

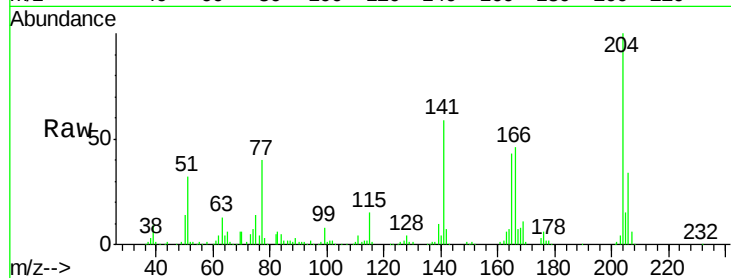




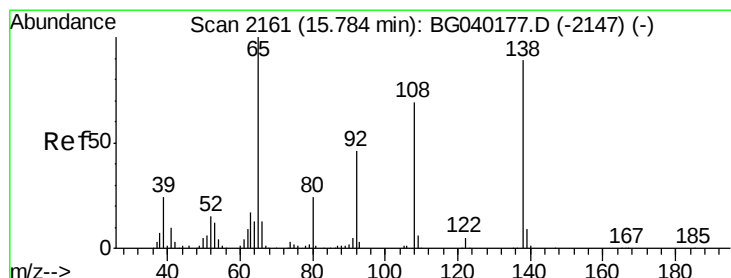
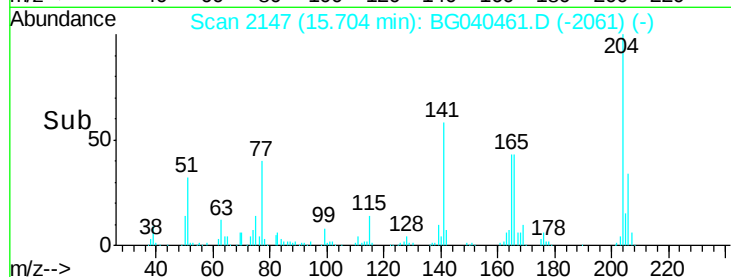
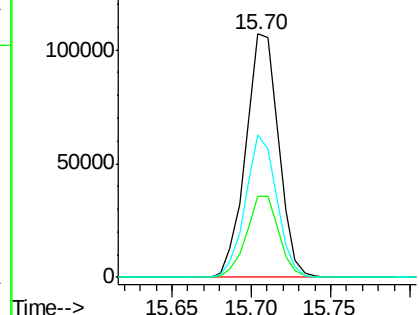
#61
 4-Chlorophenyl-phenylether
 Concen: 44.371 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.03 min
 Lab File: BG040461.D
 Acq: 12 Apr 2019 14:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	25.7	38.5
141	58.6	44.0	66.0

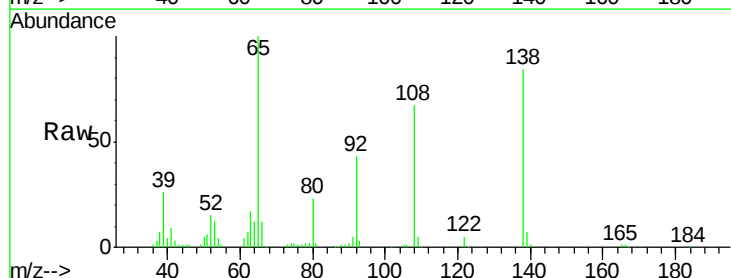


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

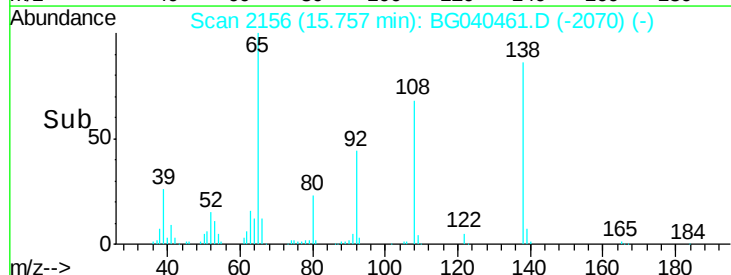
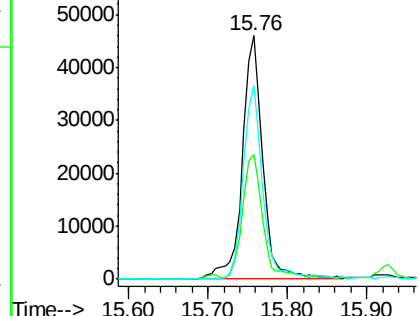


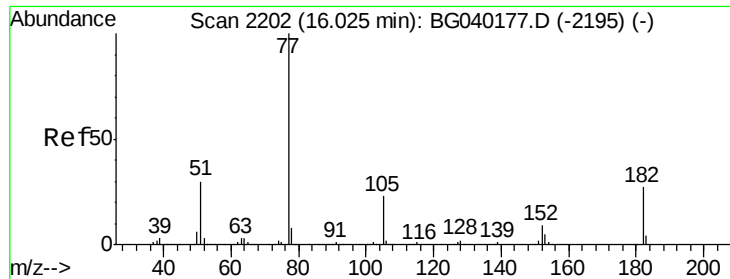
#62
 4-Nitroaniline
 Concen: 47.524 ng
 RT: 15.76 min Scan# 2156
 Delta R.T. -0.03 min
 Lab File: BG040461.D
 Acq: 12 Apr 2019 14:47

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.0	31.8	71.8
108	79.5	57.2	97.2



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BG
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 45.312 ng

RT: 16.00 min Scan# 2197

Delta R.T. -0.03 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 297883

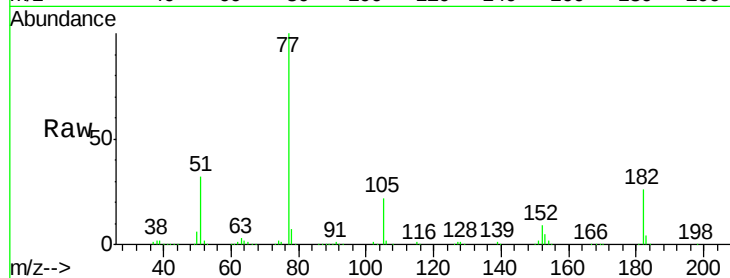
Ion Ratio Lower Upper

77 100

182 26.1 7.2 47.2

105 21.5 2.8 42.8

51 31.9 10.4 50.4

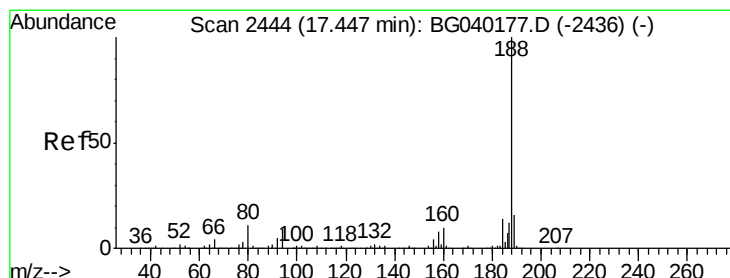
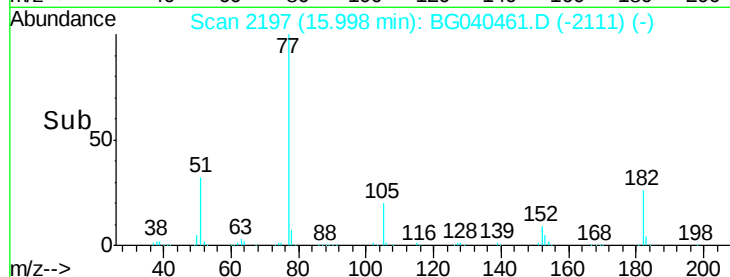
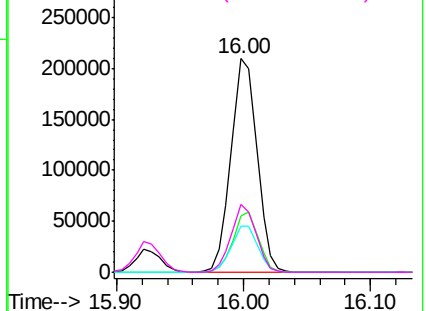


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.03 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

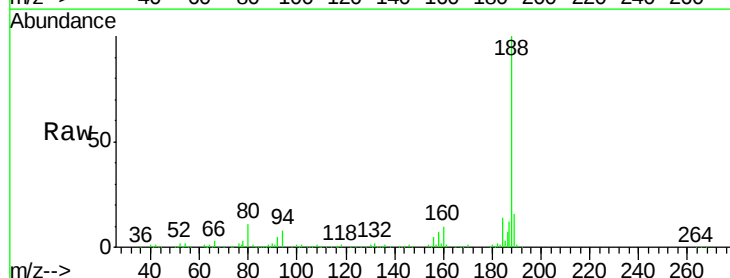
Tgt Ion: 188 Resp: 247272

Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.4

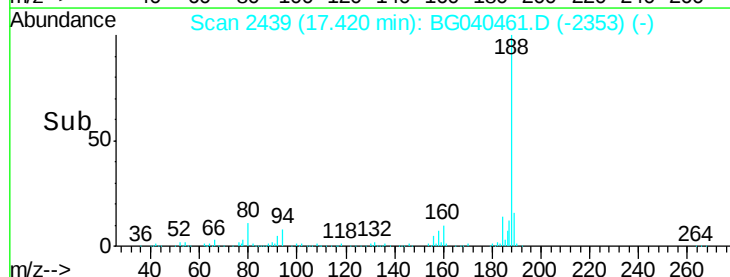
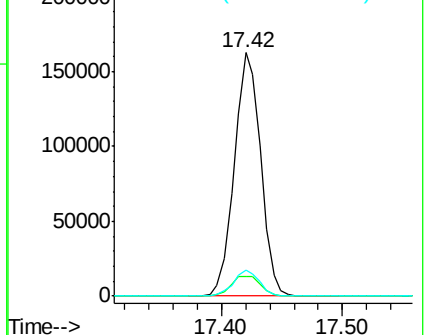
80 10.8 8.6 13.0

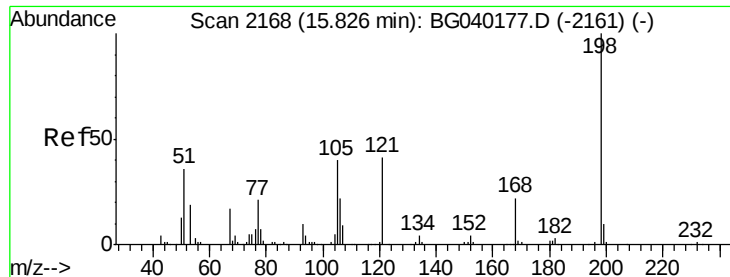


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 37.402 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.02 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

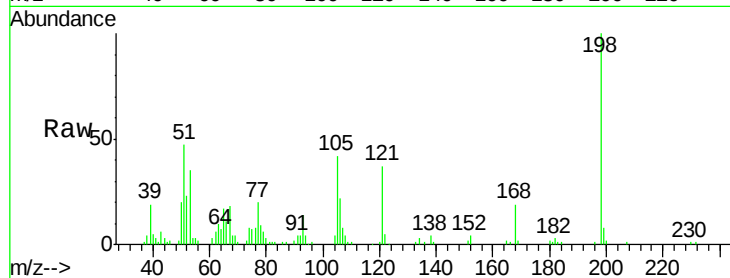
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 51959

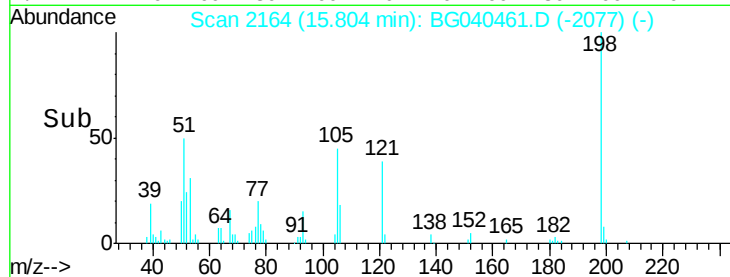
Ion	Ratio	Lower	Upper
198	100		
51	47.0	27.3	67.3
105	41.8	21.7	61.7



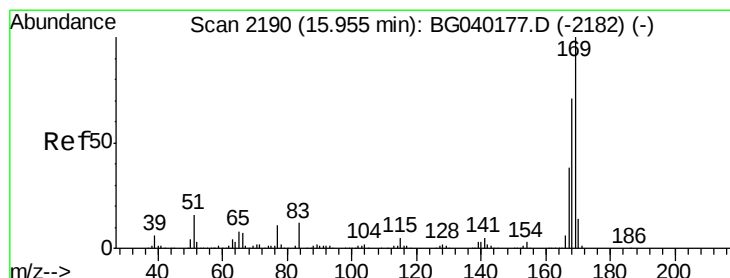
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG040461.D (-2099) (-)

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 38.911 ng

RT: 15.93 min Scan# 2185

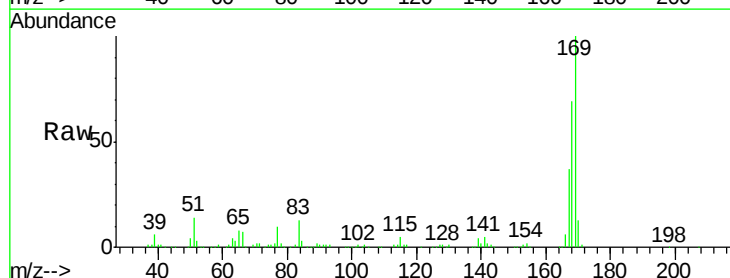
Delta R.T. -0.03 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

Tgt Ion:169 Resp: 281558

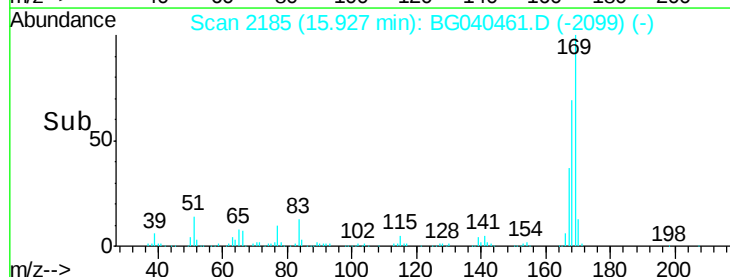
Ion	Ratio	Lower	Upper
169	100		
168	69.1	56.8	85.2
167	36.8	30.2	45.4



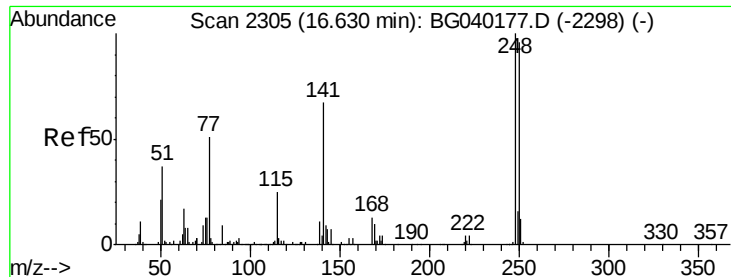
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#67

4-Bromophenyl-phenylether

Concen: 36.989 ng

RT: 16.60 min Scan# 2300

Delta R.T. -0.03 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

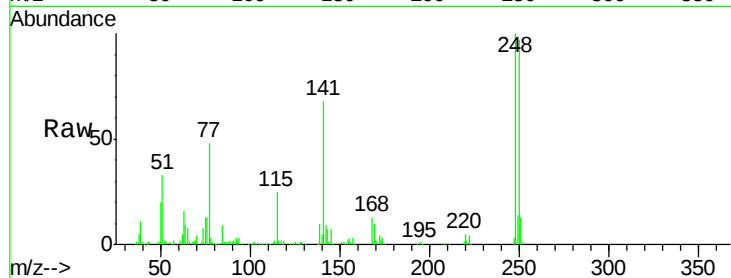
Instrument :

BNA_G

ClientSampled :

Tot Ion:248 Resp: 102927

Ion	Ratio	Lower	Upper
248	100		
250	97.1	76.4	114.6
141	67.5	53.8	80.8

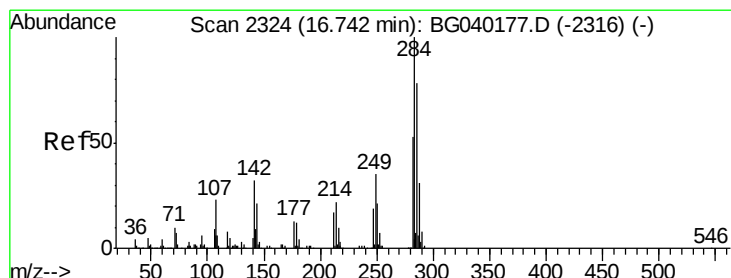
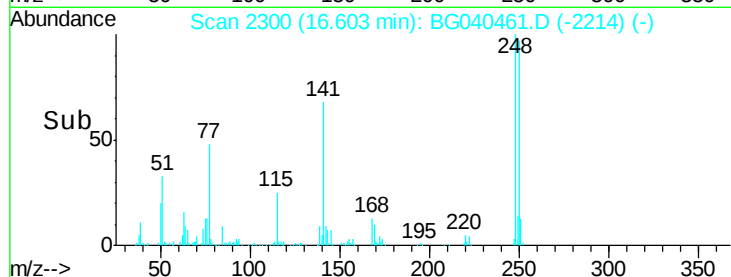
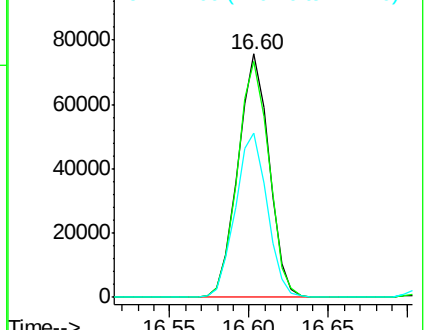


Abundance

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: 38.293 ng

RT: 16.71 min Scan# 2319

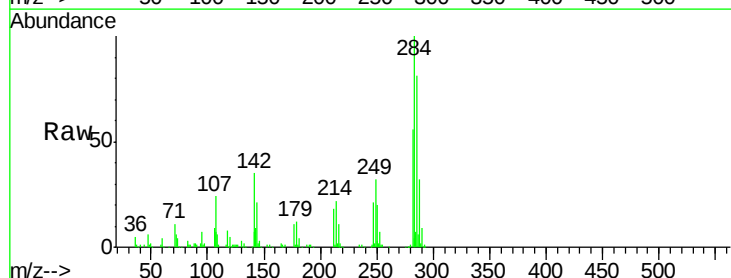
Delta R.T. -0.03 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

Tgt Ion:284 Resp: 107138

Ion	Ratio	Lower	Upper
284	100		
142	34.8	25.3	37.9
249	32.5	28.2	42.2

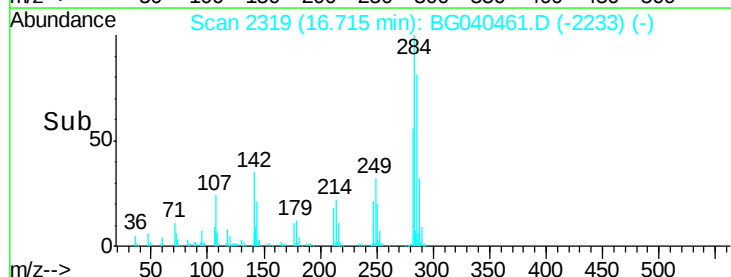
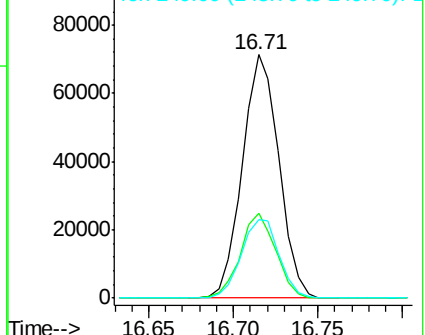


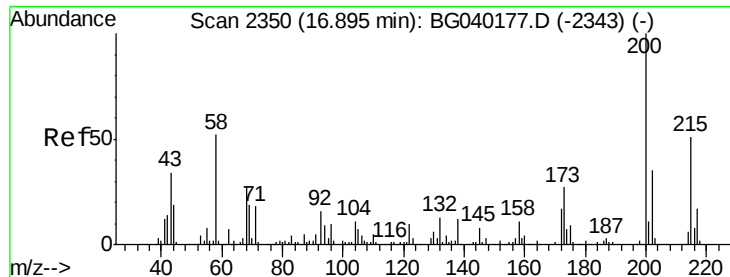
Abundance

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: 40.537 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.03 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

Instrument :

BNA_G

ClientSampleId :

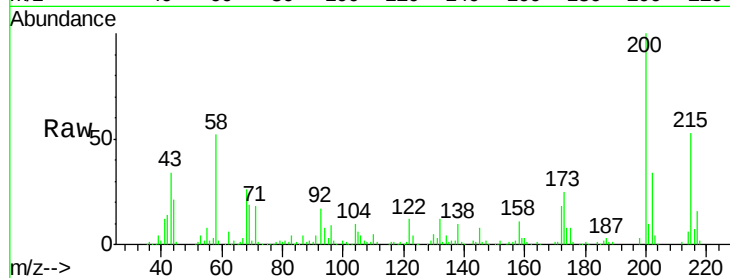
Tot Ion:200 Resp: 109113

Ion Ratio Lower Upper

200 100

173 25.1 7.1 47.1

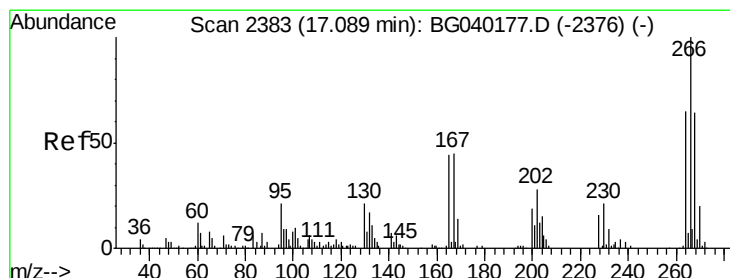
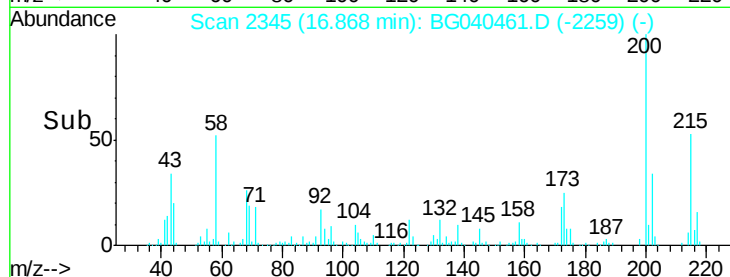
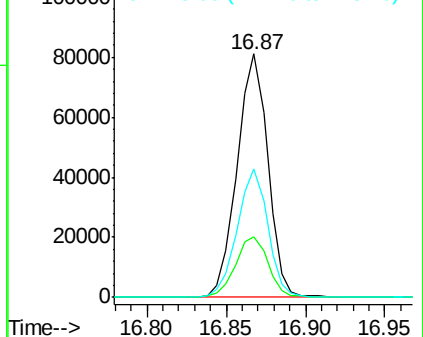
215 52.9 30.9 70.9



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: 64.843 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.02 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

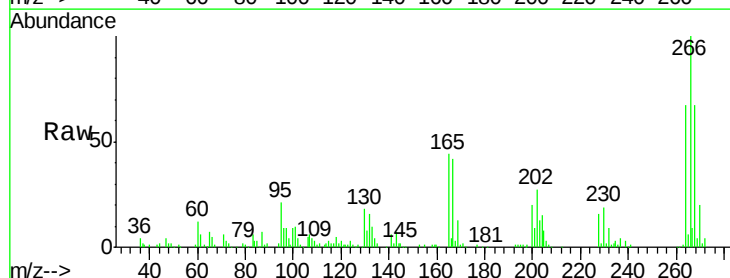
Tgt Ion:266 Resp: 104886

Ion Ratio Lower Upper

266 100

268 66.5 55.0 82.4

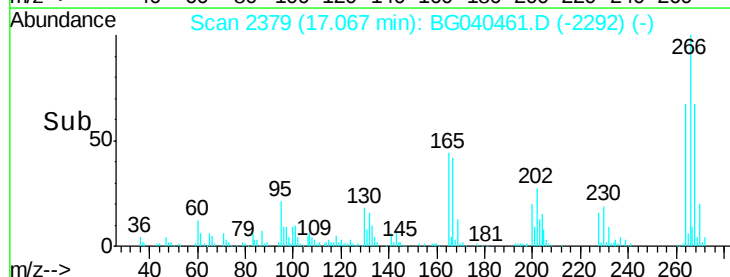
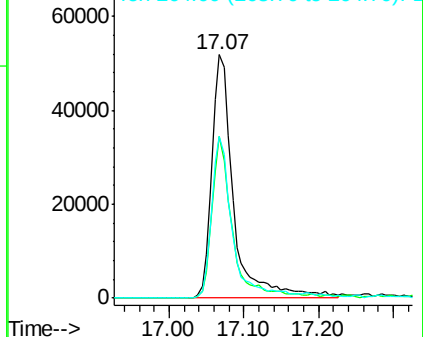
264 66.7 51.8 77.8

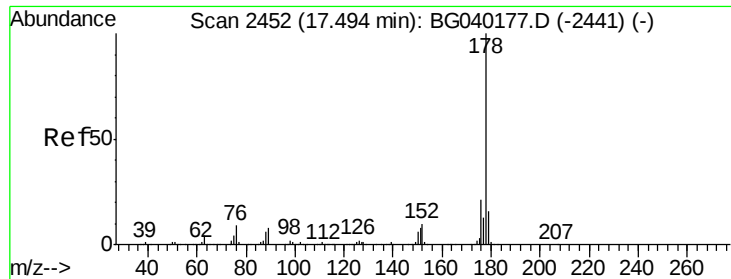


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

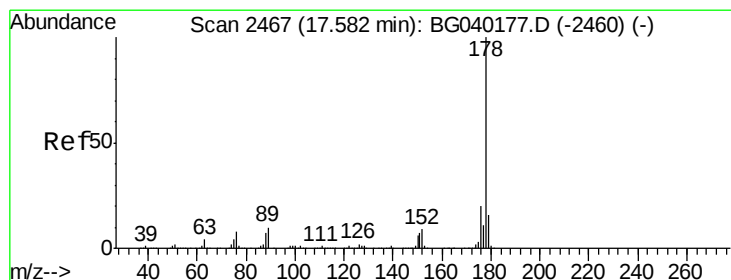
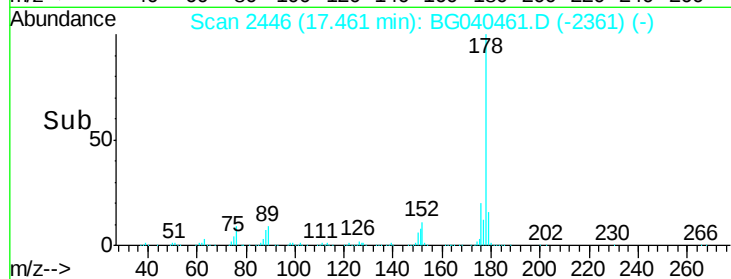
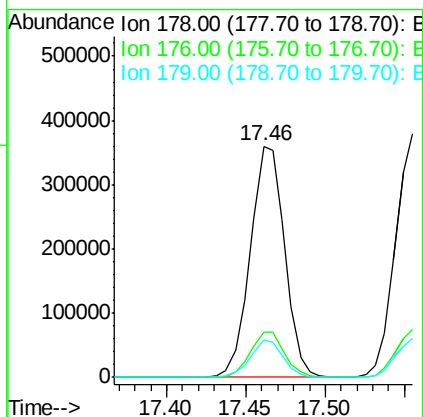
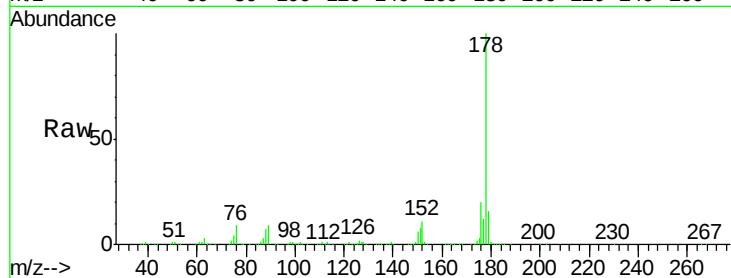




#71
Phenanthrene
Concen: 41.763 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.03 min
Lab File: BG040461.D
Acq: 12 Apr 2019 14:47

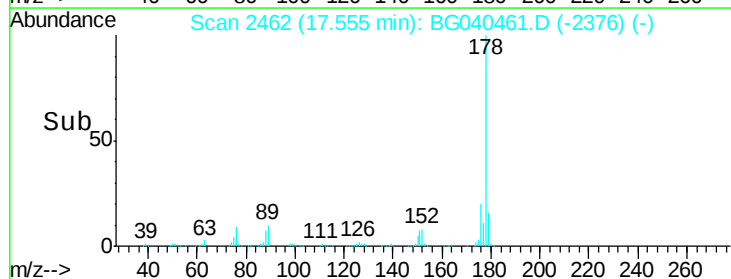
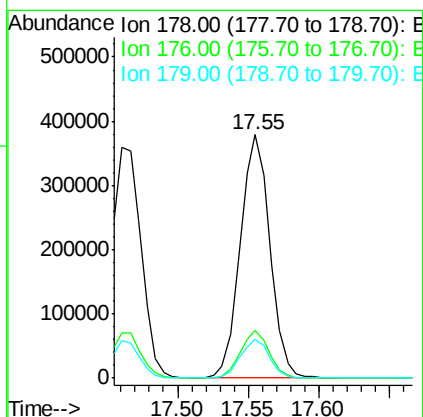
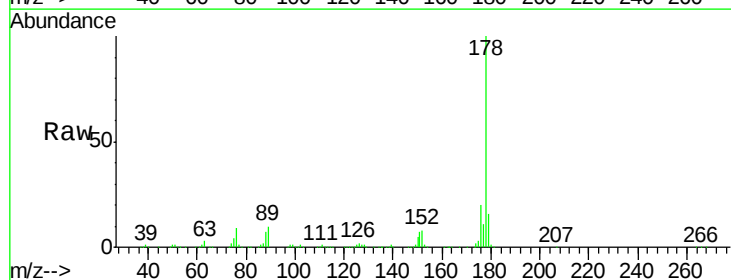
Instrument :
BNA_G
ClientSampleId :

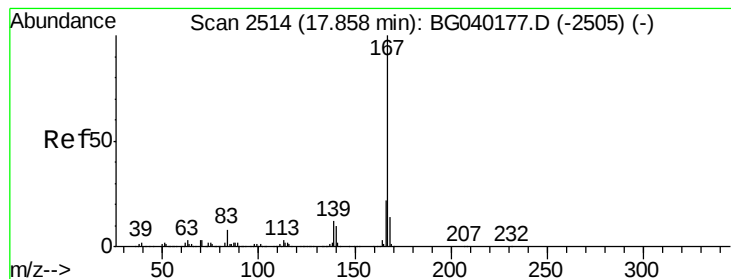
Tot Ion:178 Resp: 542791
Ion Ratio Lower Upper
178 100
176 19.5 16.7 25.1
179 16.0 12.8 19.2



#72
Anthracene
Concen: 42.429 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.03 min
Lab File: BG040461.D
Acq: 12 Apr 2019 14:47

Tgt Ion:178 Resp: 551958
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 16.1 12.9 19.3





#73

Carbazole

Concen: 44.843 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.03 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

Instrument :

BNA_G

ClientSampleId :

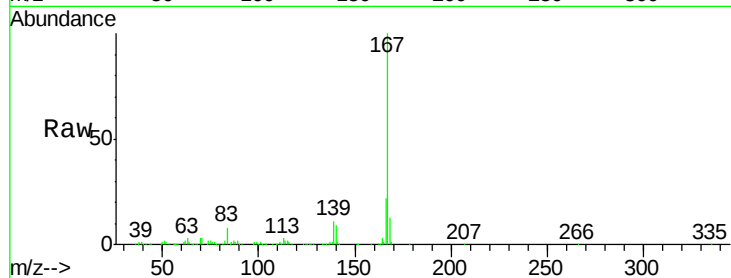
Tot Ion:167 Resp: 552090

Ion Ratio Lower Upper

167 100

166 21.6 17.5 26.3

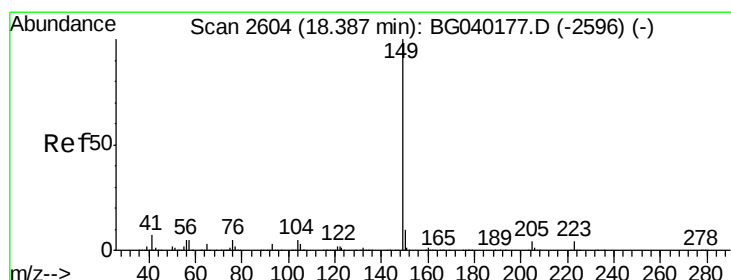
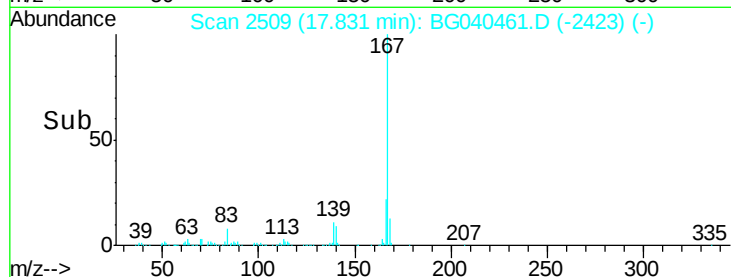
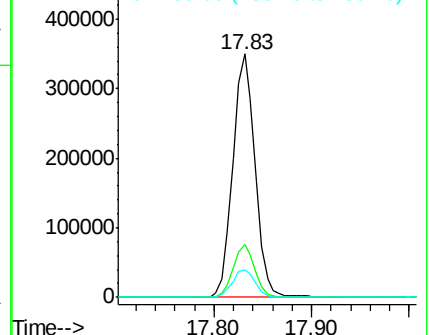
139 11.3 10.0 15.0



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: 44.029 ng

RT: 18.36 min Scan# 2599

Delta R.T. -0.03 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

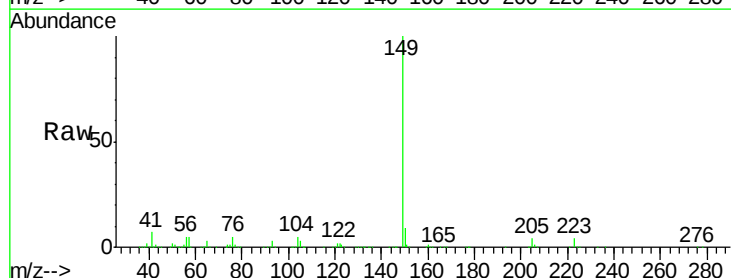
Tgt Ion:149 Resp: 642533

Ion Ratio Lower Upper

149 100

150 9.4 7.9 11.9

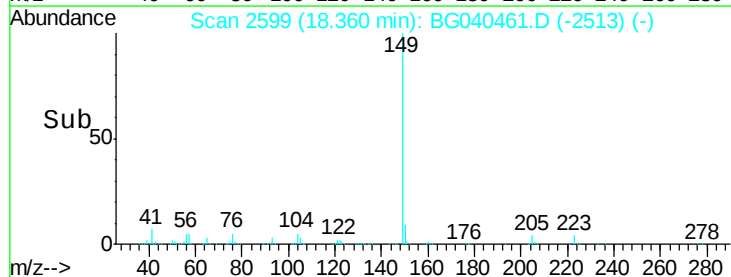
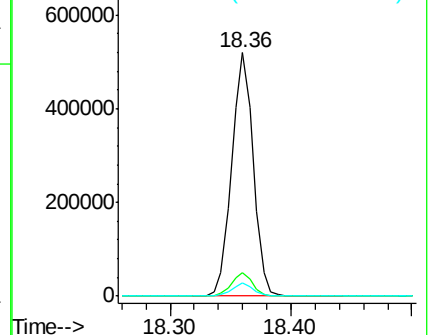
104 5.2 4.1 6.1

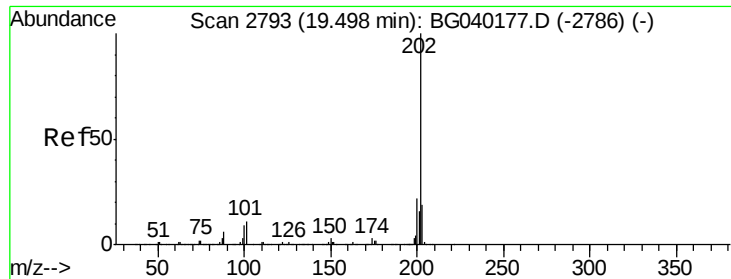


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.762 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.03 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

Instrument :

BNA_G

ClientSampleId :

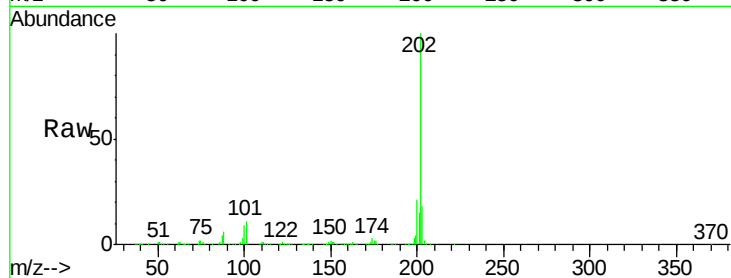
Tot Ion:202 Resp: 719674

Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.8

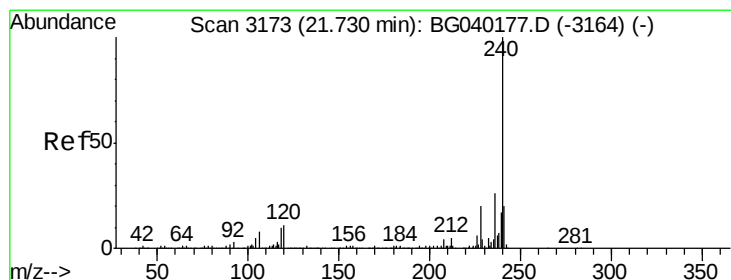
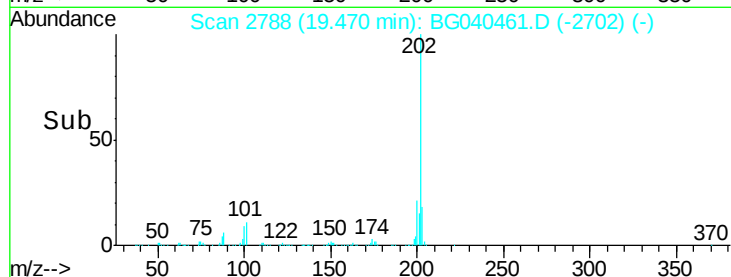
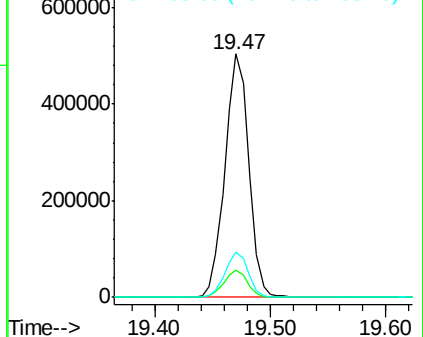
203 18.4 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.04 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

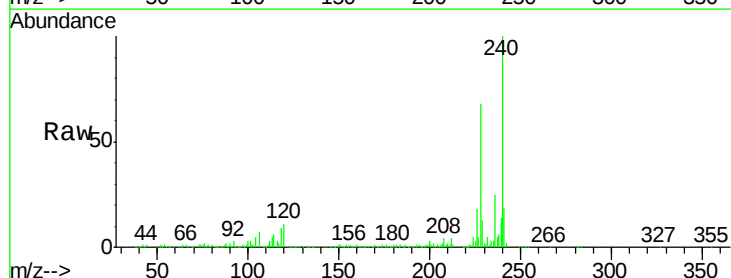
Tgt Ion:240 Resp: 286903

Ion Ratio Lower Upper

240 100

120 10.8 8.4 12.6

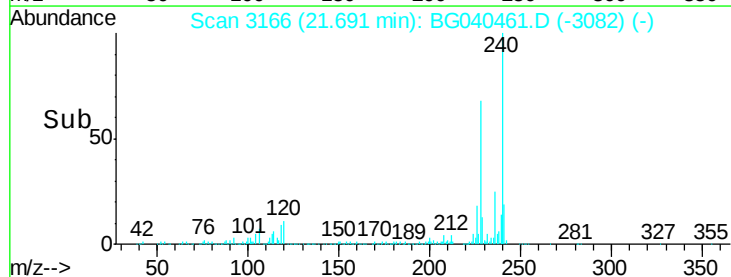
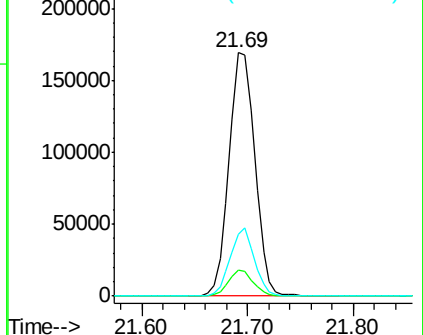
236 25.2 20.8 31.2

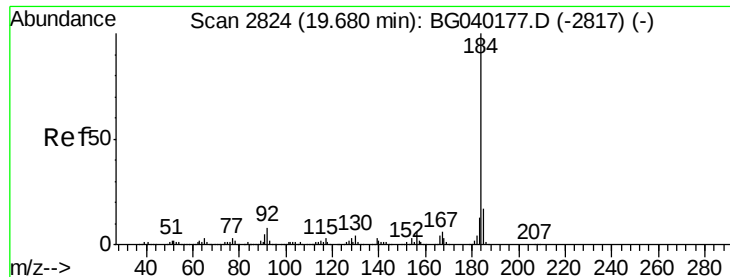


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 25.155 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

Instrument :

BNA_G

ClientSampleId :

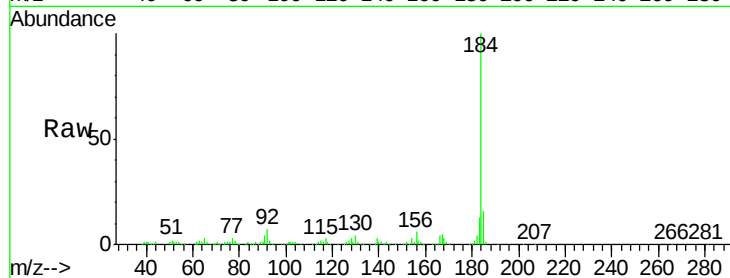
Tot Ion:184 Resp: 260615

Ion Ratio Lower Upper

184 100

185 16.1 13.3 19.9

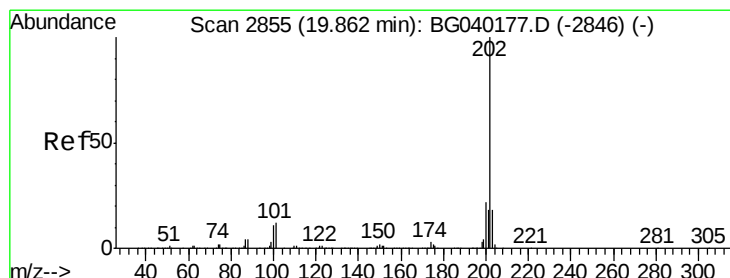
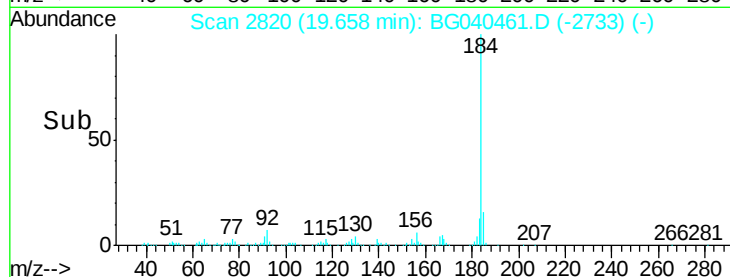
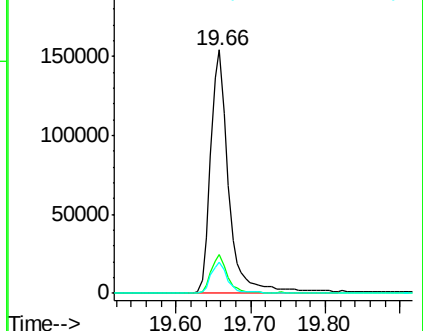
183 12.6 10.3 15.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.166 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.03 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

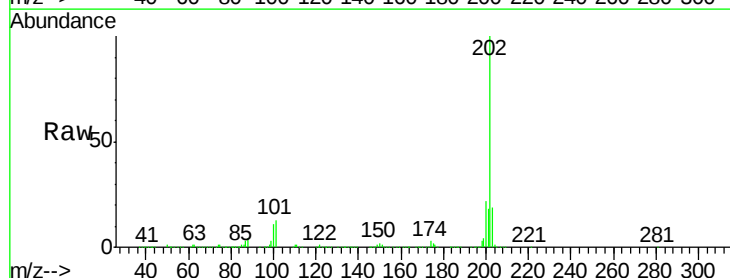
Tgt Ion:202 Resp: 738950

Ion Ratio Lower Upper

202 100

200 21.7 17.3 25.9

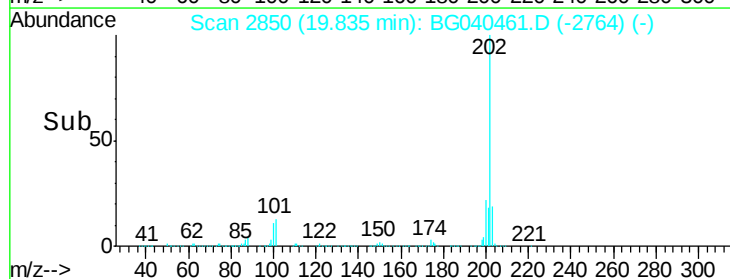
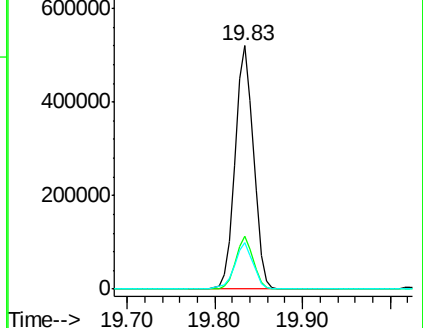
203 18.9 14.6 22.0



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: 84.762 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

Instrument :

BNA_G

ClientSampleId :

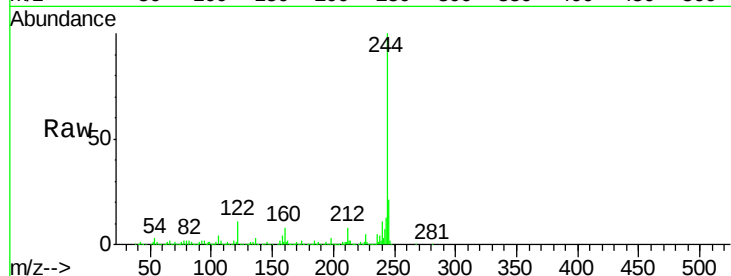
Tot Ion:244 Resp: 1080992

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

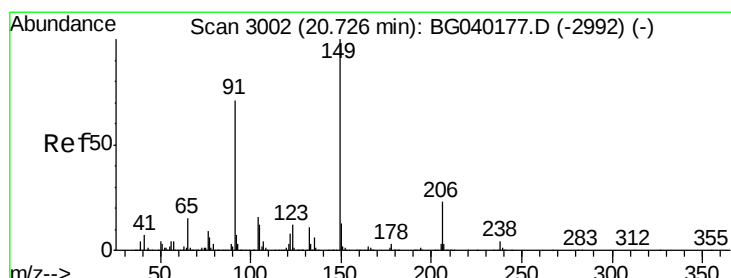
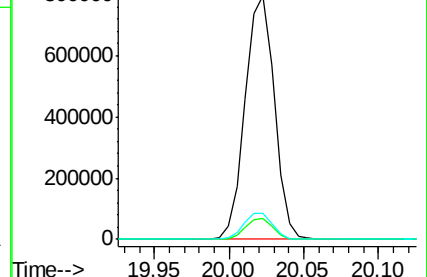
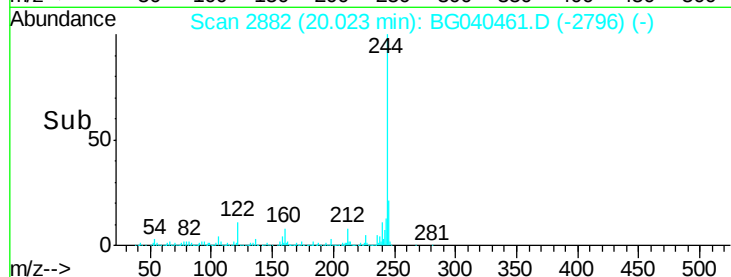
122 10.8 8.5 12.7



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: 40.846 ng

RT: 20.70 min Scan# 2997

Delta R.T. -0.03 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

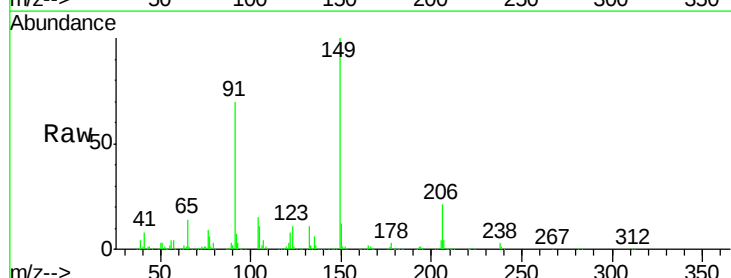
Tgt Ion:149 Resp: 329767

Ion Ratio Lower Upper

149 100

91 70.2 57.0 85.4

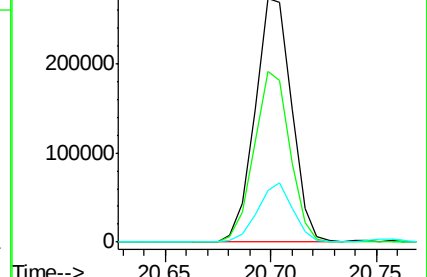
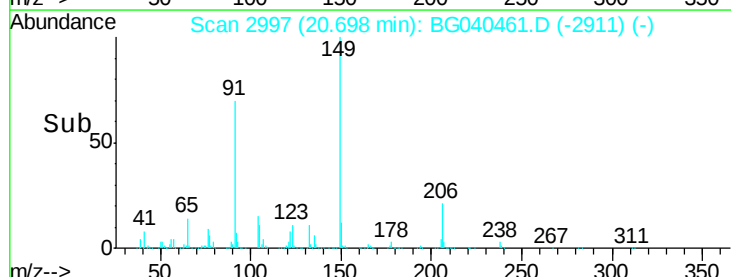
206 21.3 18.2 27.4

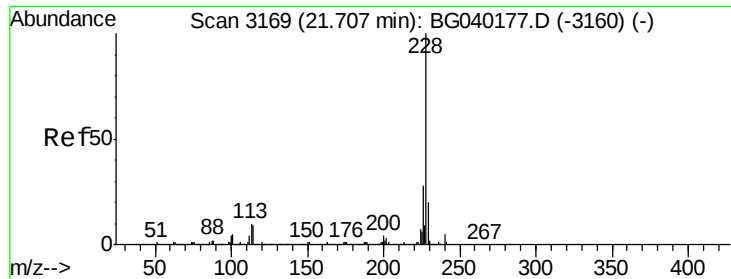


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.353 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.03 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

Instrument :

BNA_G

ClientSampled :

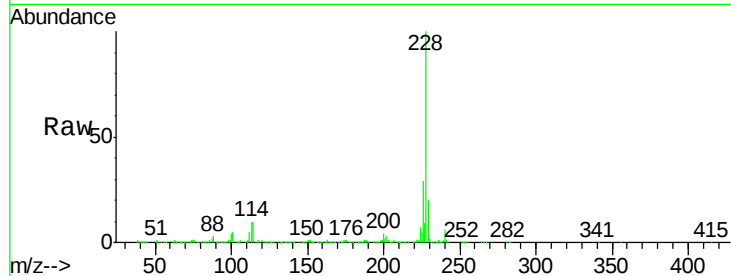
Tot Ion:228 Resp: 695439

Ion Ratio Lower Upper

228 100

226 29.1 22.6 34.0

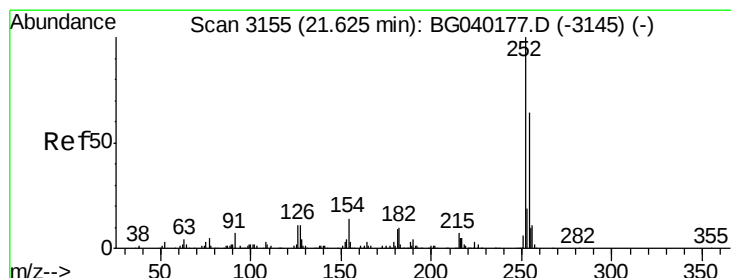
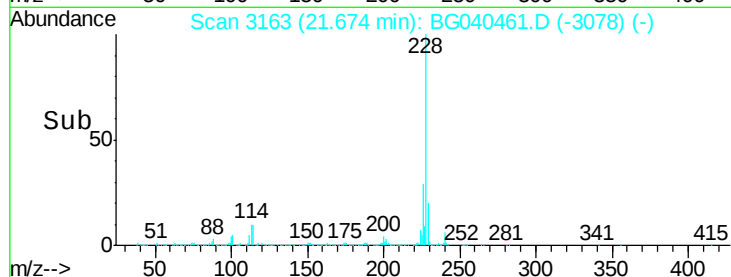
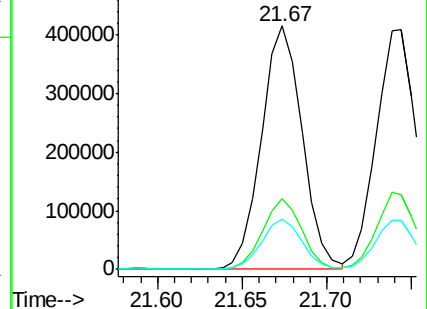
229 20.5 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 26.568 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.03 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

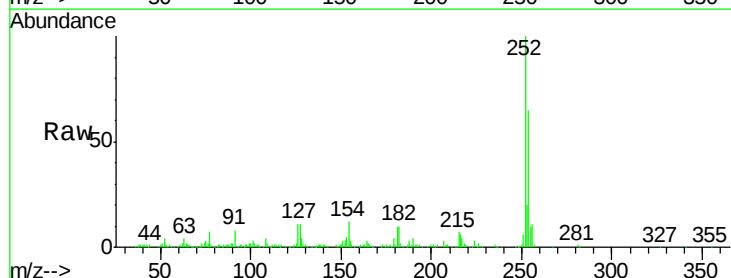
Tgt Ion:252 Resp: 178599

Ion Ratio Lower Upper

252 100

254 64.9 51.4 77.2

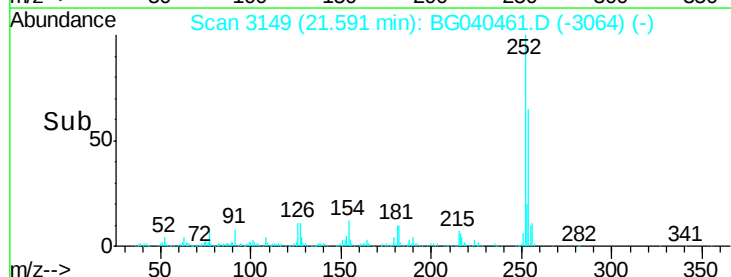
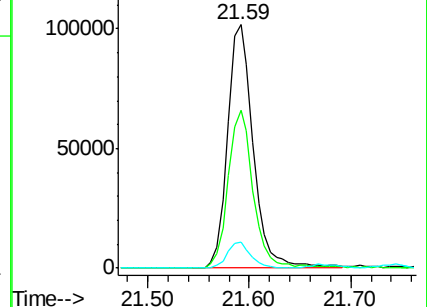
126 10.5 8.5 12.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.244 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.03 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

Instrument :

BNA_G

ClientSampleId :

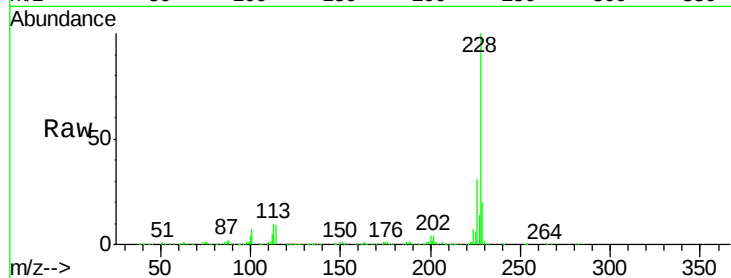
Tot Ion:228 Resp: 683492

Ion Ratio Lower Upper

228 100

226 31.0 25.4 38.0

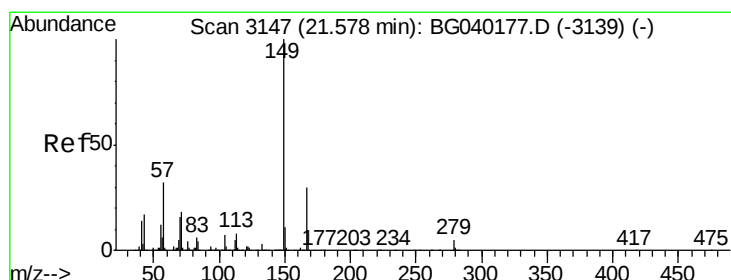
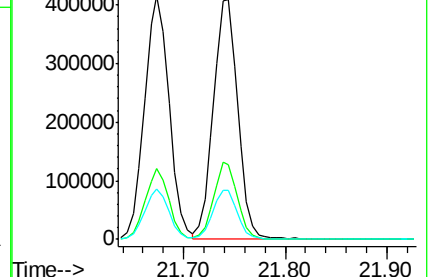
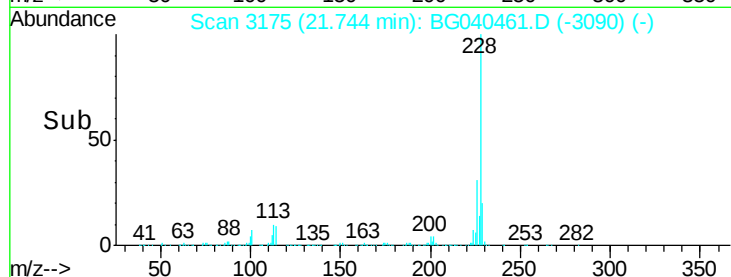
229 20.3 17.0 25.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.777 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.03 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

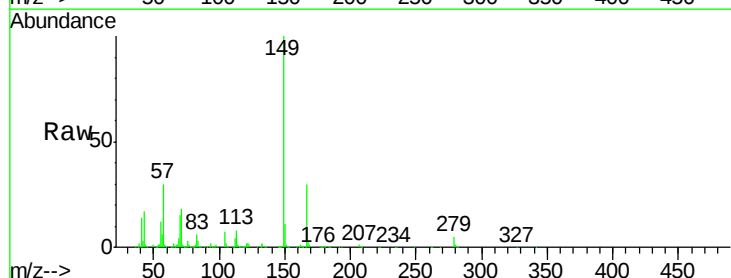
Tgt Ion:149 Resp: 470602

Ion Ratio Lower Upper

149 100

167 29.6 24.1 36.1

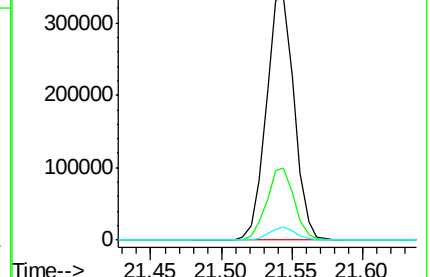
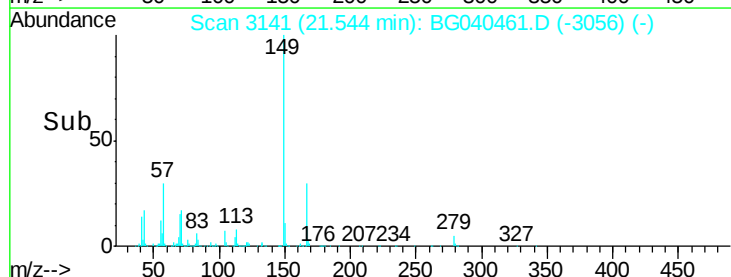
279 5.3 4.1 6.1

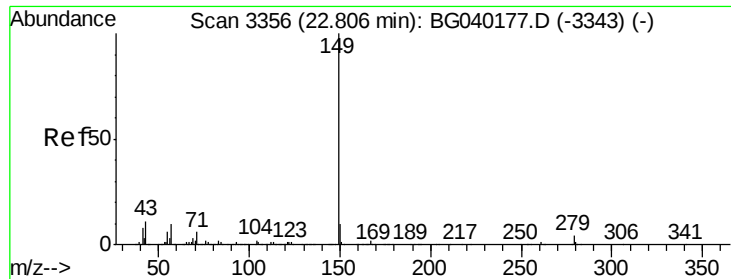


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.667 ng

RT: 22.76 min Scan# 3348

Delta R.T. -0.04 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

Instrument :

BNA_G

ClientSampleId :

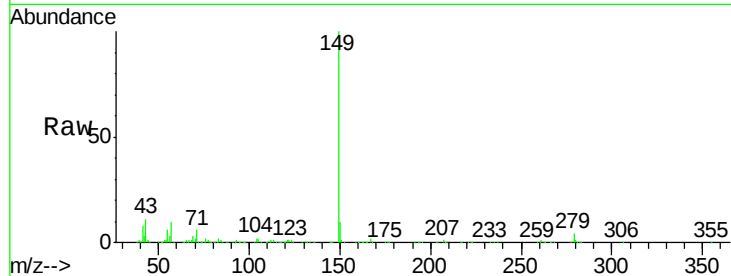
Tot Ion:149 Resp: 819279

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

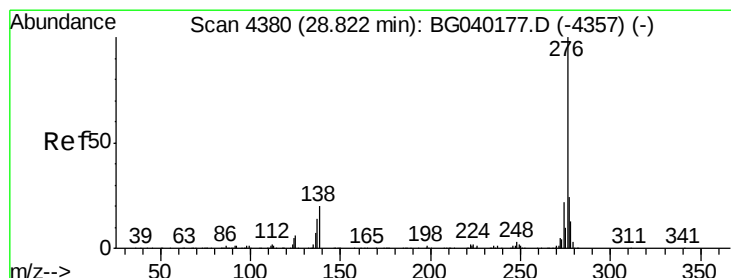
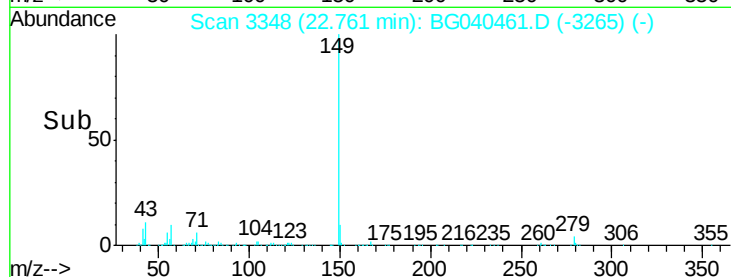
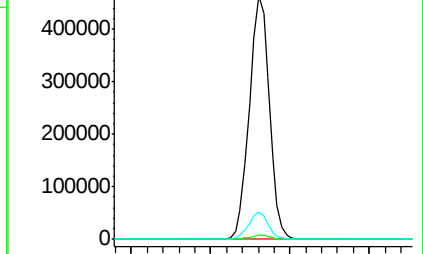
43 10.6 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.064 ng

RT: 28.72 min Scan# 4363

Delta R.T. -0.10 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

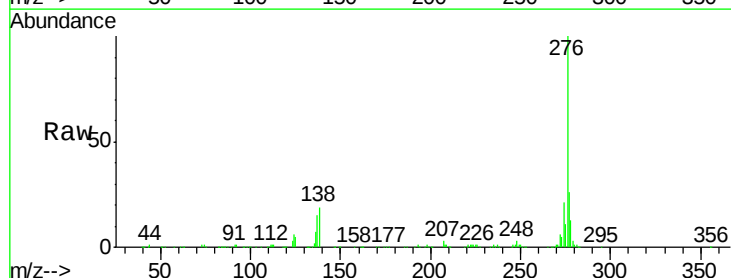
Tgt Ion:276 Resp: 832206

Ion Ratio Lower Upper

276 100

138 23.3 18.8 28.2

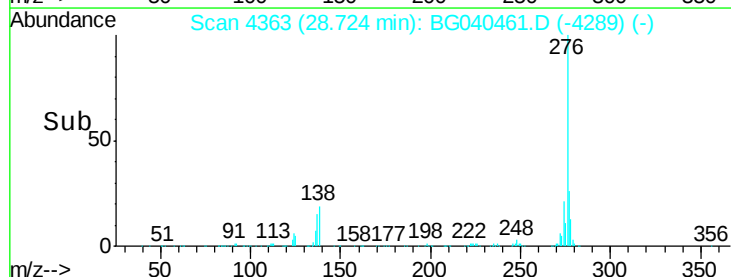
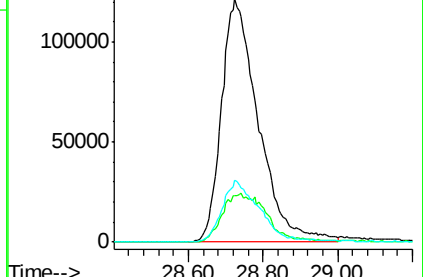
277 24.7 21.0 31.4

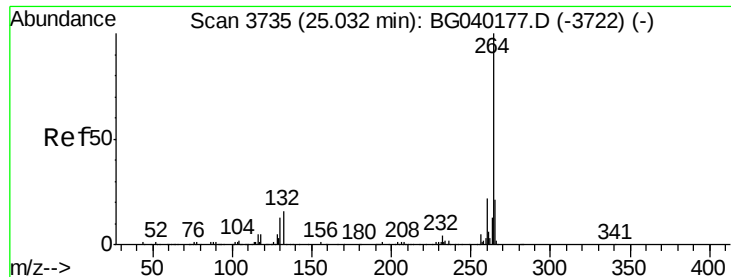


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3724

Delta R.T. -0.06 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

Instrument :

BNA_G

ClientSampleId :

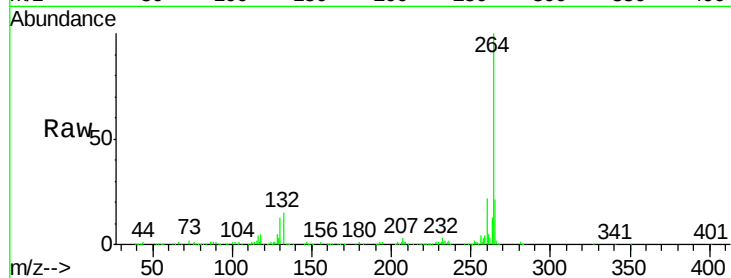
Tot Ion:264 Resp: 297797

Ion Ratio Lower Upper

264 100

260 22.2 17.9 26.9

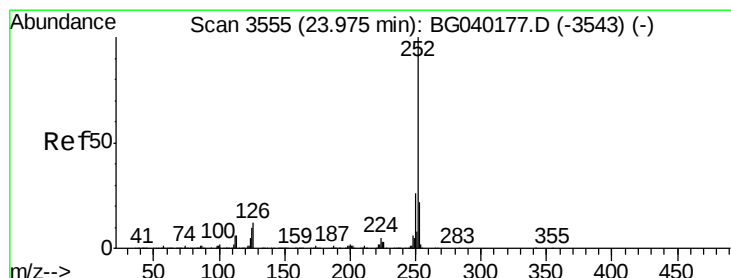
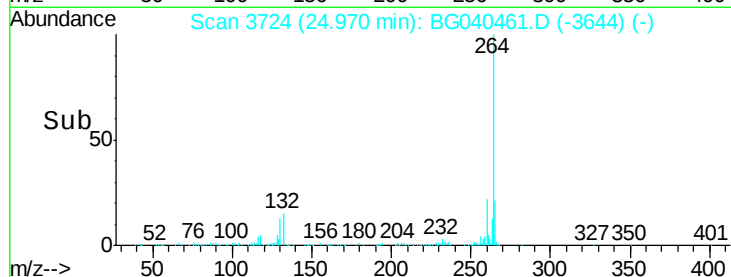
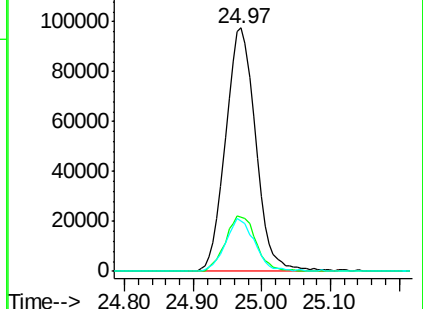
265 20.8 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.095 ng

RT: 23.92 min Scan# 3546

Delta R.T. -0.05 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

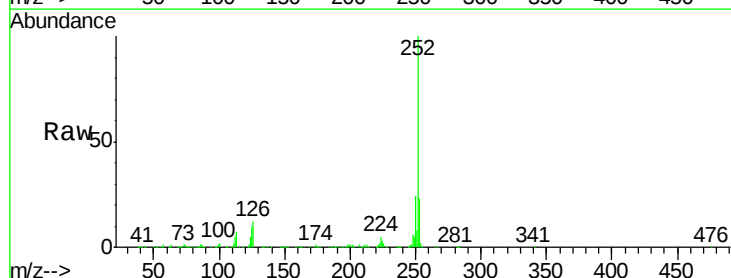
Tgt Ion:252 Resp: 731032

Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

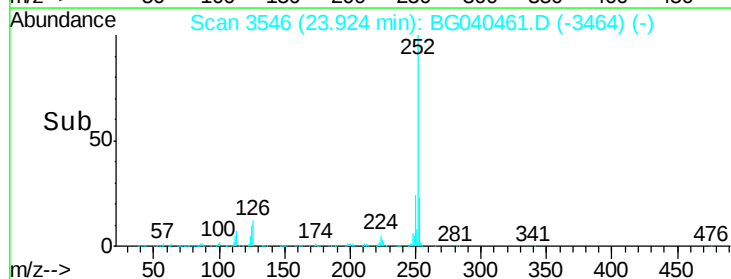
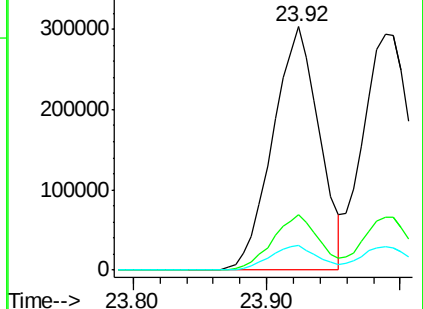
125 10.1 8.2 12.4

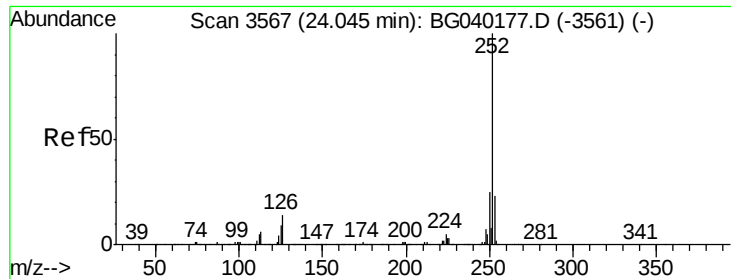


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 44.355 ng

RT: 23.99 min Scan# 3557

Delta R.T. -0.06 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

Instrument :

BNA_G

ClientSampleId :

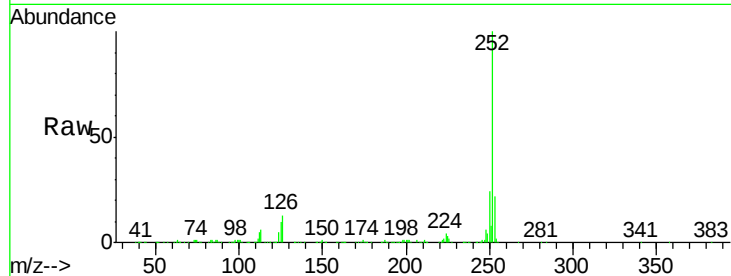
Tot Ion:252 Resp: 743689

Ion Ratio Lower Upper

252 100

253 22.5 18.6 28.0

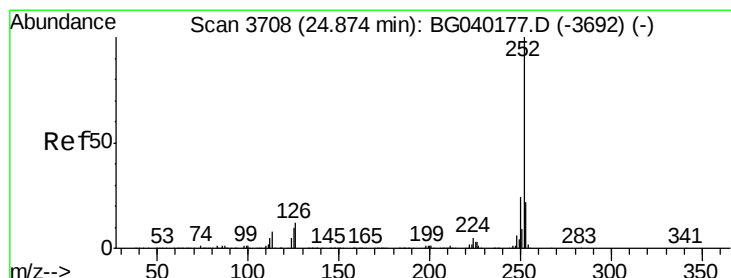
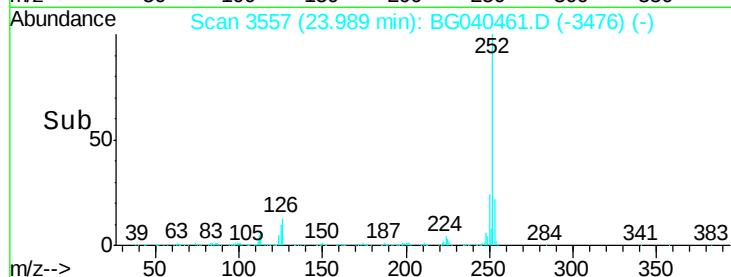
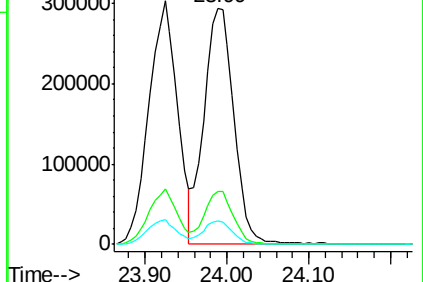
125 9.8 7.3 10.9



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: 42.814 ng

RT: 24.82 min Scan# 3698

Delta R.T. -0.06 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

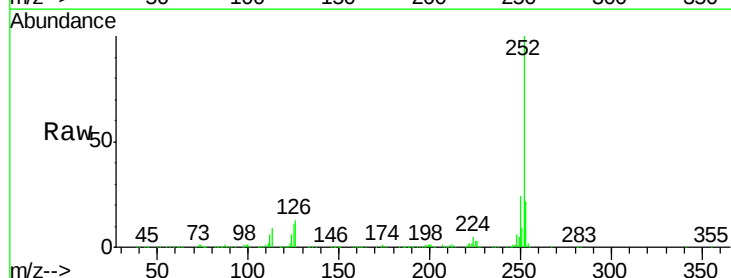
Tgt Ion:252 Resp: 732396

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

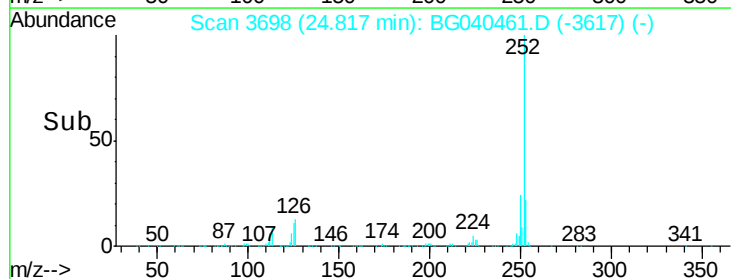
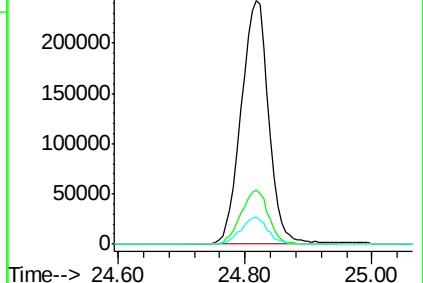
125 11.1 8.3 12.5

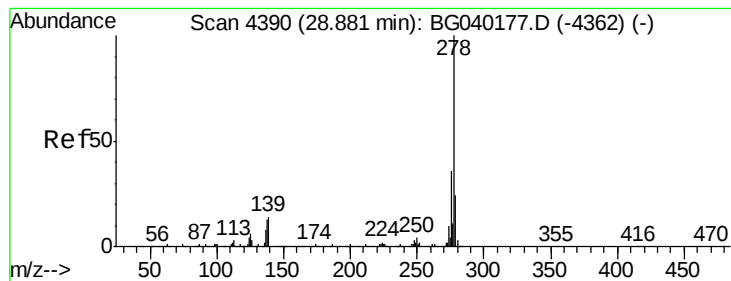


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 42.134 ng

RT: 28.79 min Scan# 4375

Delta R.T. -0.09 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

Instrument :

BNA_G

ClientSampleId :

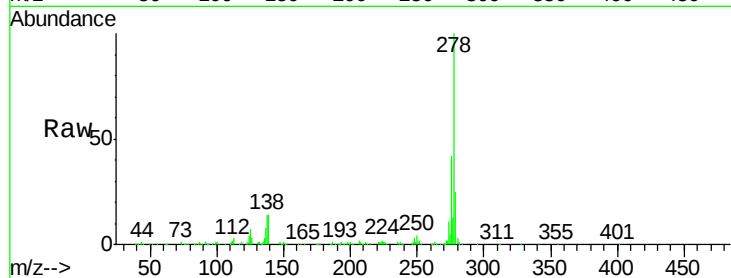
Tot Ion:278 Resp: 669424

Ion Ratio Lower Upper

278 100

139 14.0 11.2 16.8

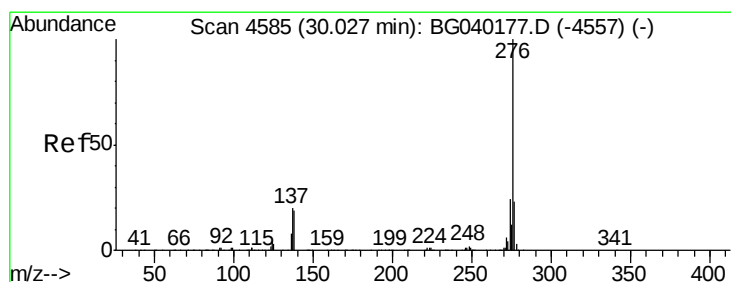
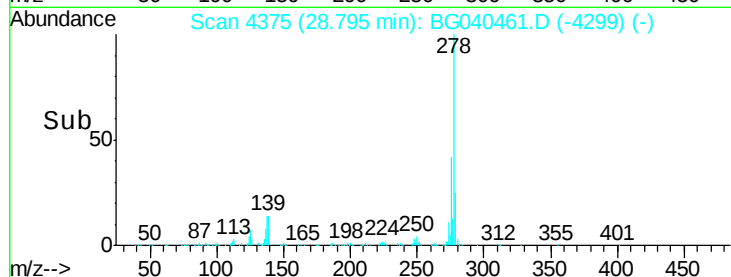
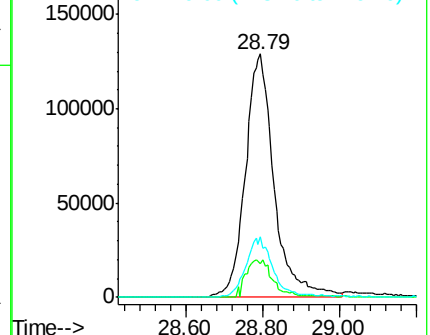
279 25.0 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.940 ng

RT: 29.92 min Scan# 4566

Delta R.T. -0.11 min

Lab File: BG040461.D

Acq: 12 Apr 2019 14:47

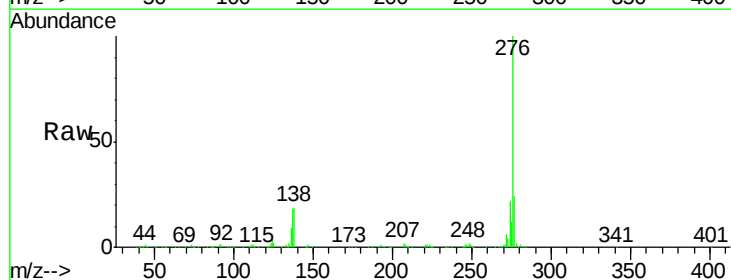
Tgt Ion:276 Resp: 668468

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 18.8 15.2 22.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

