

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041315\
 Data File : BG016361.D
 Acq On : 13 Apr 2015 15:32
 Operator : TP/IZ
 Sample : G1822-03MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F5-025MS

Quant Time: Apr 14 02:27:16 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 02:12:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	86792	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	401027	20.00	ng	0.00
38) Acenaphthene-d10	14.31	164	234036	20.00	ng	0.00
63) Phenanthrene-d10	17.06	188	499031	20.00	ng	0.00
75) Chrysene-d12	21.24	240	443702	20.00	ng	0.00
86) Perylene-d12	23.47	264	414541	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	565612	102.85	ng	0.01
7) Phenol-d6	6.86	99	799492	96.84	ng	0.00
23) Nitrobenzene-d5	8.83	82	415147	59.97	ng	0.00
41) 2,4,6-Tribromophenol	15.81	330	168342	106.36	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	847279	61.64	ng	0.00
78) Terphenyl-d14	19.69	244	1033468	54.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.15	88	61820	24.73	ng	98
3) Pyridine	3.54	79	178375	23.87	ng	97
4) n-Nitrosodimethylamine	3.46	42	62564	28.17	ng	100
6) Aniline	7.01	93	253630	21.51	ng	97
8) 2-Chlorophenol	7.25	128	218133	33.03	ng	96
9) Benzaldehyde	6.82	77	63302	13.09	ng	98
10) Phenol	6.89	94	303672	34.38	ng	98
11) bis(2-Chloroethyl)ether	7.11	93	200239	28.43	ng	99
12) 1,3-Dichlorobenzene	7.56	146	198124	29.71	ng	96
13) 1,4-Dichlorobenzene	7.71	146	204952	29.62	ng	98
14) 1,2-Dichlorobenzene	8.03	146	199202	30.11	ng	98
15) Benzyl Alcohol	7.92	79	170946	29.70	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.22	45	225264	28.40	ng	98
17) 2-Methylphenol	8.13	107	186644	31.51	ng	97
18) Hexachloroethane	8.74	117	75069	28.36	ng	99
19) n-Nitroso-di-n-propylamine	8.48	70	153176	25.90	ng	96
20) 3+4-Methylphenols	8.46	107	256812	31.30	ng	99
22) Acetophenone	8.50	105	288679	31.04	ng	# 98
24) Nitrobenzene	8.87	77	213459	28.83	ng	94
25) Isophorone	9.40	82	424870	27.64	ng	98
26) 2-Nitrophenol	9.59	139	123859	35.88	ng	96
27) 2,4-Dimethylphenol	9.65	122	209955	32.65	ng	100
28) bis(2-Chloroethoxy)methane	9.88	93	259678	29.59	ng	99
29) 2,4-Dichlorophenol	10.12	162	186171	36.59	ng	97
30) 1,2,4-Trichlorobenzene	10.33	180	169212	31.85	ng	100
31) Naphthalene	10.51	128	634547	30.37	ng	99
32) Benzoic acid	9.75	122	42704	17.06	ng	89
33) 4-Chloroaniline	10.63	127	233882	23.85	ng	97
34) Hexachlorobutadiene	10.80	225	74453	31.91	ng	99
35) Caprolactam	11.39	113	59355	18.53	ng	99
36) 4-Chloro-3-methylphenol	11.77	107	225647	33.57	ng	97
37) 2-Methylnaphthalene	12.13	142	459296	30.55	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.51	216	157310	30.53	ng	98
40) Hexachlorocyclopentadiene	12.48	237	136240	57.76	ng	99

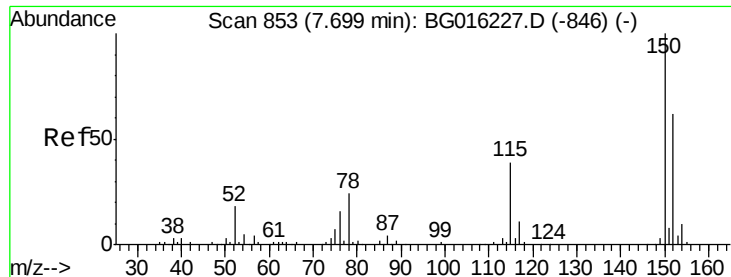
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041315\
 Data File : BG016361.D
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Quant Time: Apr 14 02:27:16 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	132429	34.59	ng	96
43) 2,4,5-Trichlorophenol	12.82	196	148077	36.20	ng	97
45) 1,1'-Biphenyl	13.15	154	562107	31.31	ng	97
46) 2-Chloronaphthalene	13.19	162	418332	30.59	ng	99
47) 2-Nitroaniline	13.40	65	138213	31.35	ng	95
48) Acenaphthylene	14.04	152	717236	29.49	ng	99
49) Dimethylphthalate	13.78	163	648207	37.79	ng	99
50) 2,6-Dinitrotoluene	13.90	165	133662	32.22	ng	94
51) Acenaphthene	14.39	154	438584	30.18	ng	98
52) 3-Nitroaniline	14.23	138	146854	27.72	ng	92
53) 2,4-Dinitrophenol	14.44	184	145254	62.52	ng	96
54) Dibenzofuran	14.72	168	632648	31.37	ng	98
55) 4-Nitrophenol	14.56	139	300756	68.69	ng	99
56) 2,4-Dinitrotoluene	14.69	165	189331	33.51	ng	92
57) Fluorene	15.37	166	551852	31.02	ng	98
58) 2,3,4,6-Tetrachlorophenol	14.95	232	114679	36.32	ng	94
59) Diethylphthalate	15.15	149	567272	31.07	ng	99
60) 4-Chlorophenyl-phenylether	15.36	204	228911	31.45	ng	96
61) 4-Nitroaniline	15.40	138	190301	31.65	ng	99
62) Azobenzene	15.65	77	697480	35.89	ng	98
64) 4,6-Dinitro-2-methylphenol	15.45	198	106781	31.83	ng	92
65) n-Nitrosodiphenylamine	15.58	169	502390	29.78	ng	100
66) 4-Bromophenyl-phenylether	16.25	248	123206	30.92	ng	96
67) Hexachlorobenzene	16.37	284	121964	29.45	ng	94
68) Atrazine	16.53	200	165656	35.23	ng	99
69) Pentachlorophenol	16.72	266	160972	63.66	ng	98
70) Phenanthrene	17.10	178	841654	29.99	ng	99
71) Anthracene	17.19	178	840551	30.22	ng	100
72) Carbazole	17.46	167	893758	32.02	ng	99
73) Di-n-butylphthalate	18.03	149	1050883	30.76	ng	100
74) Fluoranthene	19.12	202	915225	31.64	ng	96
76) Benzidine	19.31	184	353080	18.76	ng	98
77) Pyrene	19.48	202	950469	30.76	ng	99
79) Butylbenzylphthalate	20.38	149	491488	32.38	ng	98
80) Benzo(a)anthracene	21.22	228	804787	30.69	ng	99
81) 3,3'-Dichlorobenzidine	21.16	252	230084	26.68	ng	99
82) Chrysene	21.27	228	758287	29.95	ng	100
83) Bis(2-ethylhexyl)phthalate	21.15	149	674135	32.81	ng	97
84) Di-n-octyl phthalate	22.02	149	1134387	33.88	ng	98
85) Indeno(1,2,3-cd)pyrene	25.74	276	834600	31.73	ng	98
87) Benzo(b)fluoranthene	22.79	252	767642	31.62	ng	99
88) Benzo(k)fluoranthene	22.84	252	736949	31.02	ng	99
89) Benzo(a)pyrene	23.37	252	731011	32.13	ng	99
90) Dibenzo(a,h)anthracene	25.75	278	691962	31.25	ng	97
91) Benzo(g,h,i)perylene	26.44	276	702723	31.77	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.68 min Scan# 849

Delta R.T. 0.00 min

Lab File: BG016361.D

Acq: 13 Apr 2015 15:32

Instrument :

BNA_G

ClientSampleId :

F5-025MS

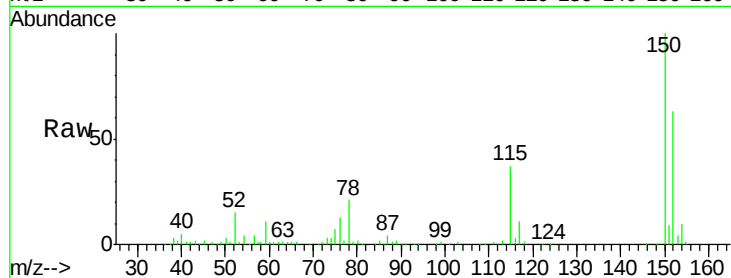
Tgt Ion:152 Resp: 86792

Ion Ratio Lower Upper

152 100

150 160.0 130.1 195.1

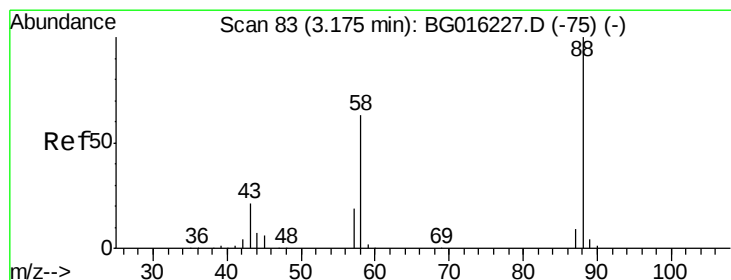
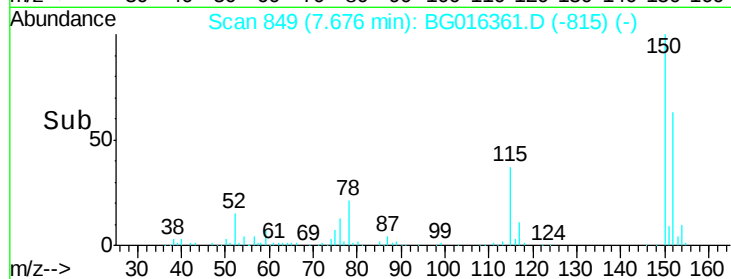
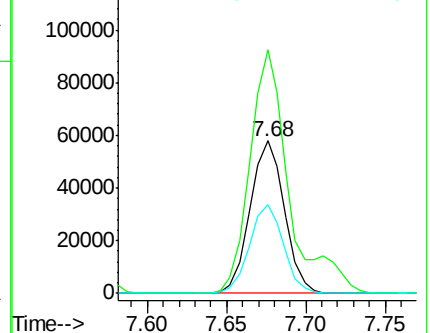
115 58.7 50.5 75.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 24.73 ng

RT: 3.15 min Scan# 78

Delta R.T. 0.00 min

Lab File: BG016361.D

Acq: 13 Apr 2015 15:32

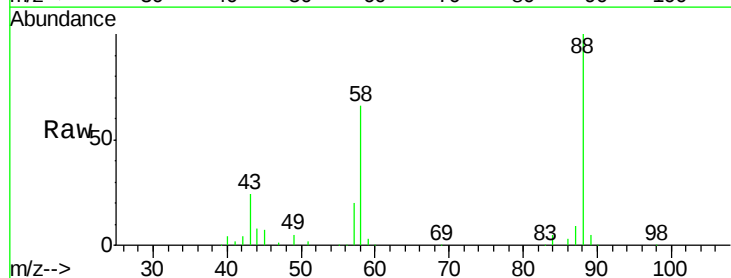
Tgt Ion: 88 Resp: 61820

Ion Ratio Lower Upper

88 100

58 64.5 50.6 76.0

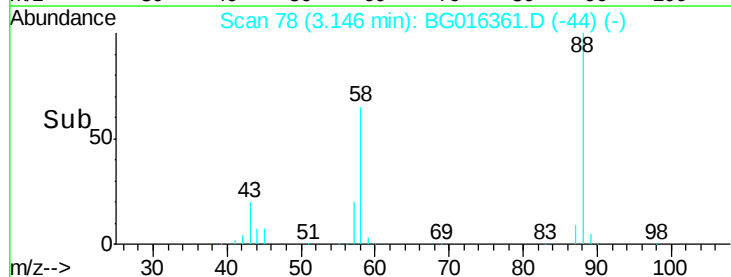
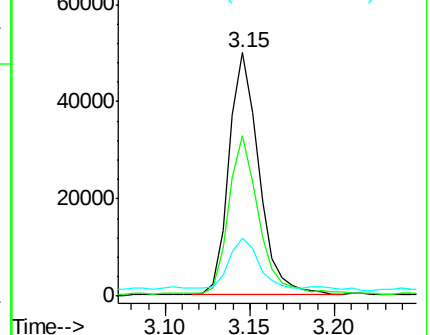
43 20.0 17.0 25.4

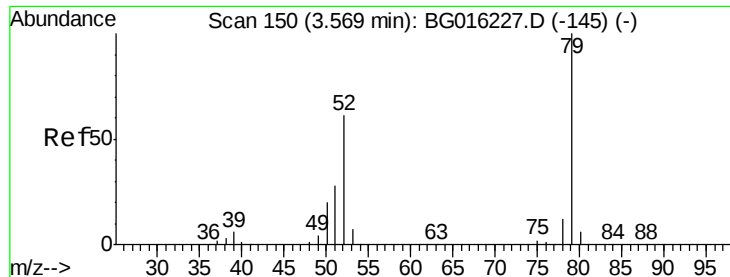


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 23.87 ng

RT: 3.54 min Scan# 145

Delta R.T. 0.00 min

Lab File: BG016361.D

Acq: 13 Apr 2015 15:32

Instrument :

BNA_G

ClientSampleId :

F5-025MS

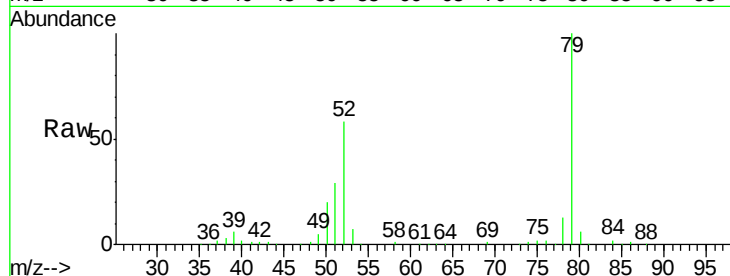
Tgt Ion: 79 Resp: 178375

Ion Ratio Lower Upper

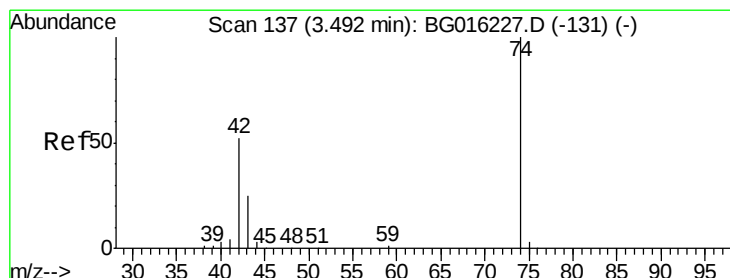
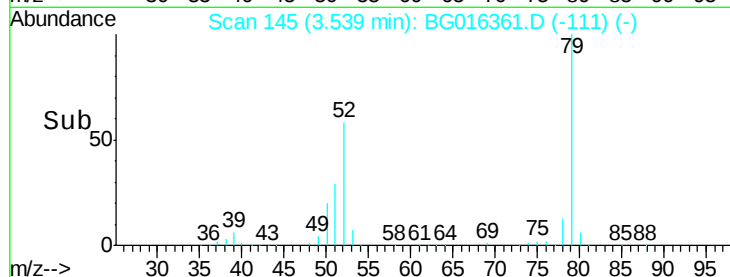
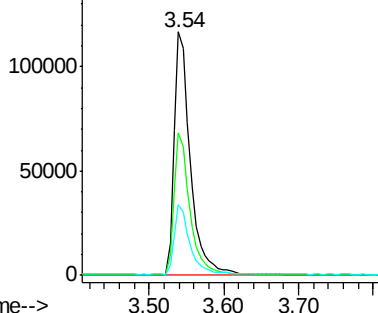
79 100

52 58.3 49.0 73.4

51 29.1 22.5 33.7



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: 28.17 ng

RT: 3.46 min Scan# 132

Delta R.T. 0.00 min

Lab File: BG016361.D

Acq: 13 Apr 2015 15:32

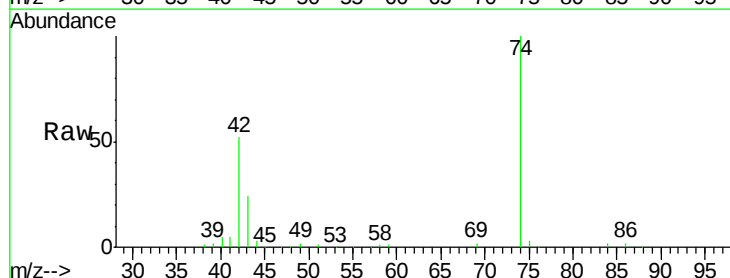
Tgt Ion: 42 Resp: 62564

Ion Ratio Lower Upper

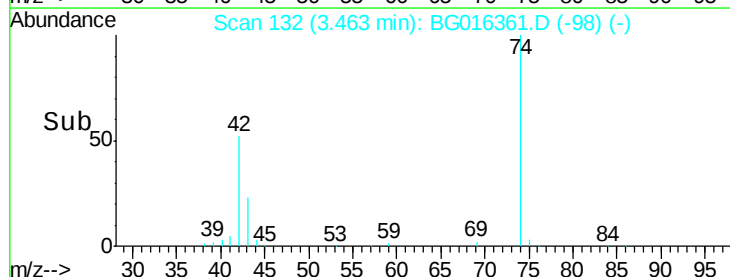
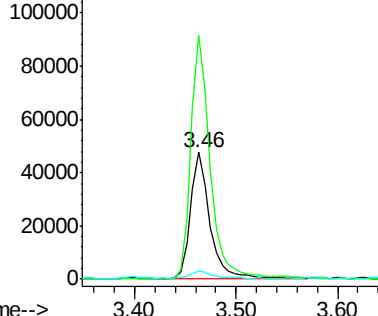
42 100

74 192.2 153.7 230.5

44 6.6 5.3 7.9



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: 102.85 ng

RT: 5.27 min Scan# 439

Delta R.T. 0.01 min

Lab File: BG016361.D

Acq: 13 Apr 2015 15:32

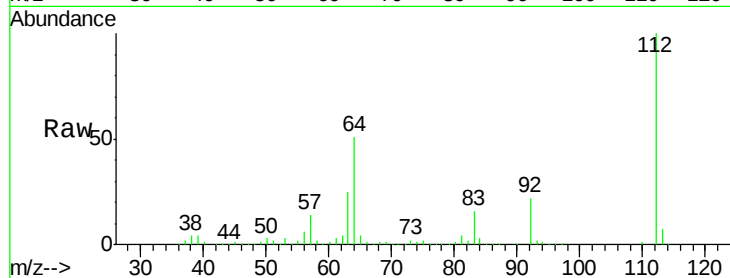
Instrument :

BNA_G

ClientSampleId :

F5-025MS

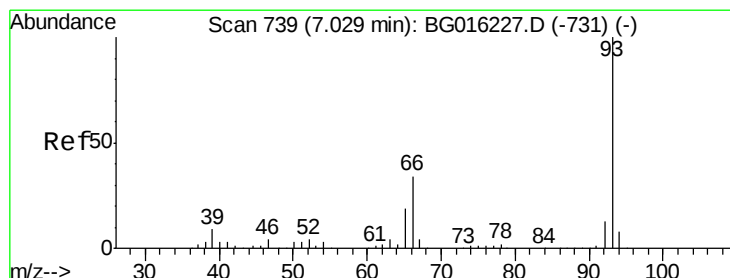
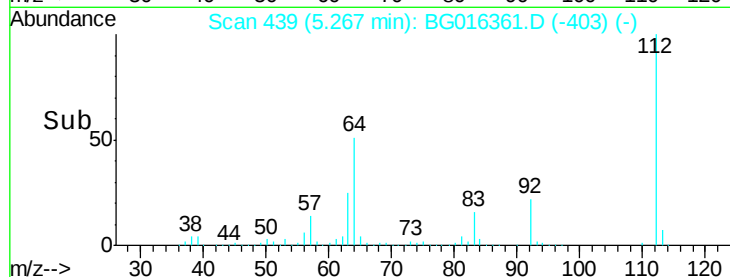
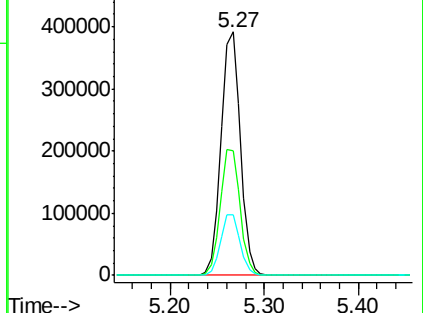
Tgt Ion:	112	Resp:	565612
Ion	Ratio	Lower	Upper
112	100		
64	51.4	44.5	66.7
63	25.1	21.4	32.0



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: 21.51 ng

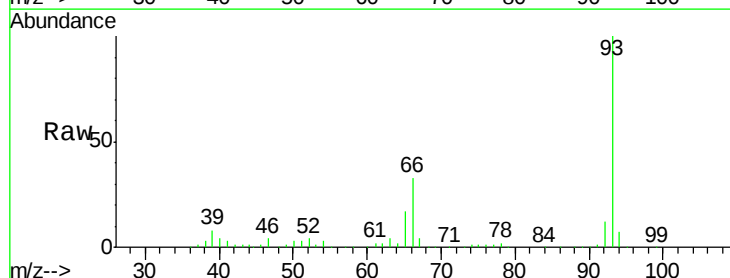
RT: 7.01 min Scan# 735

Delta R.T. 0.00 min

Lab File: BG016361.D

Acq: 13 Apr 2015 15:32

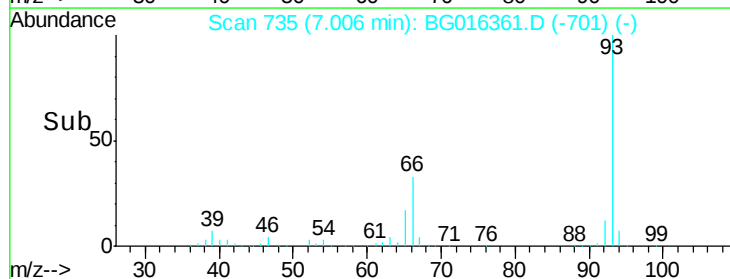
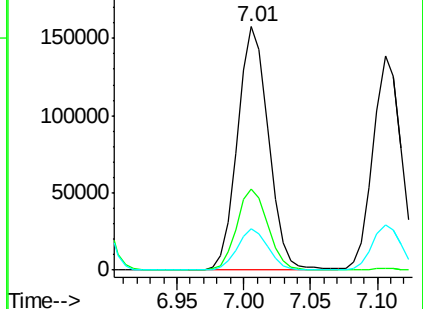
Tgt Ion:	93	Resp:	253630
Ion	Ratio	Lower	Upper
93	100		
66	33.1	27.5	41.3
65	17.2	15.1	22.7

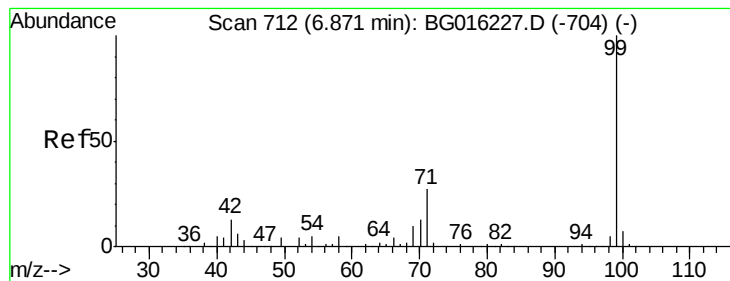


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 96.84 ng

RT: 6.86 min Scan# 711

Delta R.T. 0.01 min

Lab File: BG016361.D

Acq: 13 Apr 2015 15:32

Instrument :

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ClientSampleId :

F5-025MS

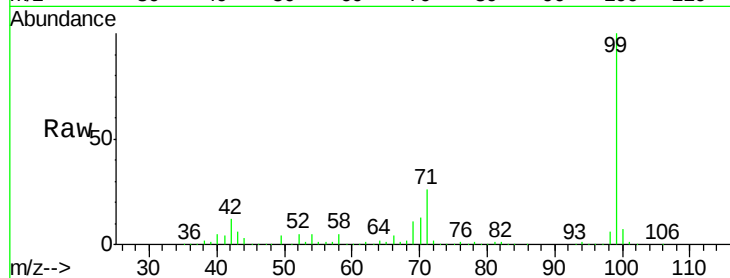
Tgt Ion: 99 Resp: 799492

Ion Ratio Lower Upper

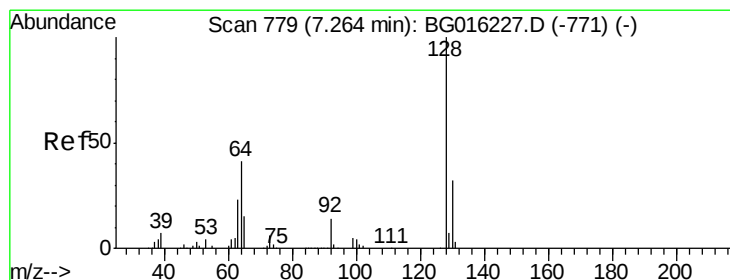
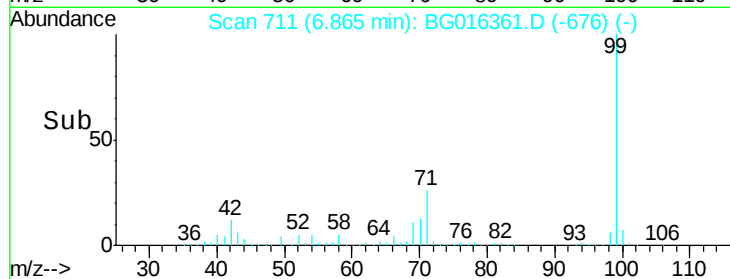
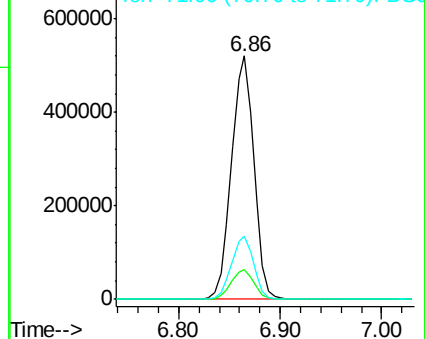
99 100

42 12.3 10.0 15.0

71 26.1 21.5 32.3



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: 33.03 ng

RT: 7.25 min Scan# 776

Delta R.T. 0.01 min

Lab File: BG016361.D

Acq: 13 Apr 2015 15:32

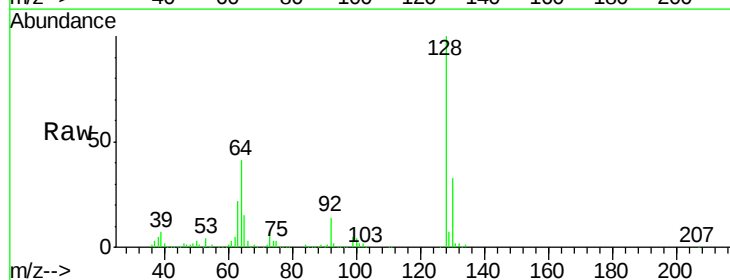
Tgt Ion: 128 Resp: 218133

Ion Ratio Lower Upper

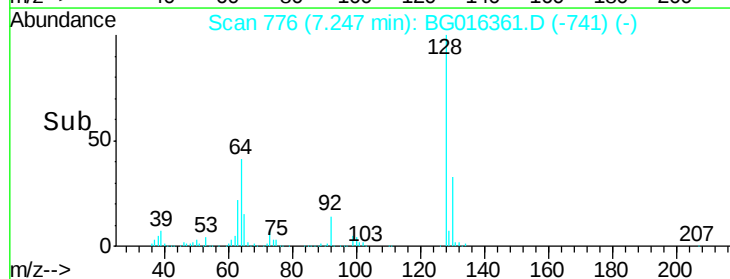
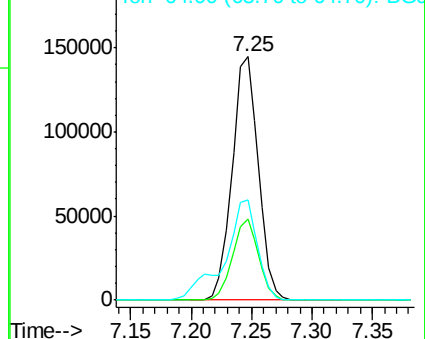
128 100

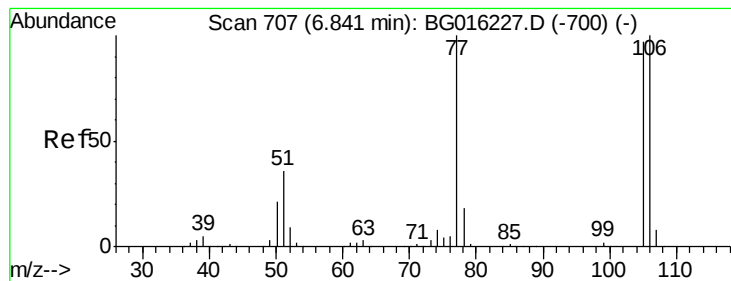
130 33.1 11.6 51.6

64 40.9 24.2 64.2



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: 13.09 ng

RT: 6.82 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG016361.D

Acq: 13 Apr 2015 15:32

Instrument :

BNA_G

ClientSampleId :

F5-025MS

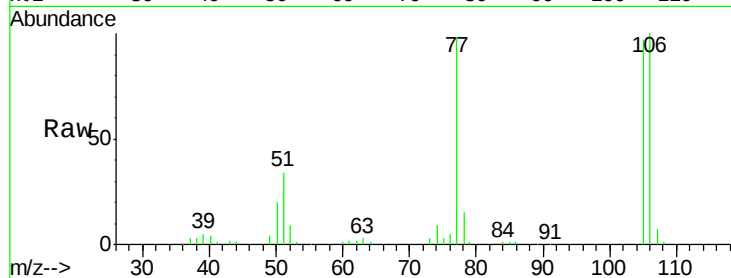
Tgt Ion: 77 Resp: 63302

Ion Ratio Lower Upper

77 100

105 99.1 76.8 116.8

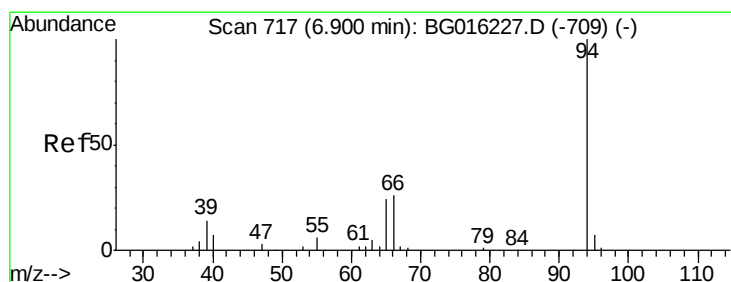
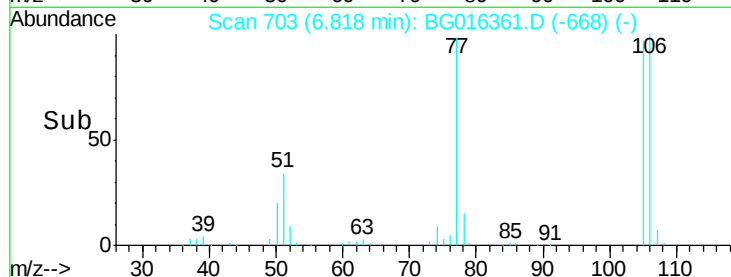
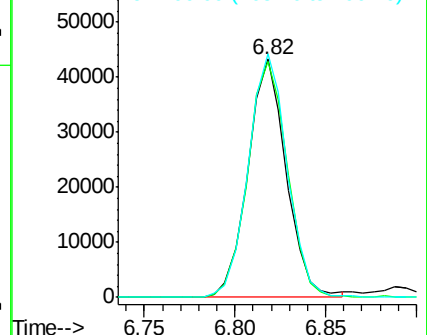
106 102.2 80.1 120.1



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: 34.38 ng

RT: 6.89 min Scan# 715

Delta R.T. 0.01 min

Lab File: BG016361.D

Acq: 13 Apr 2015 15:32

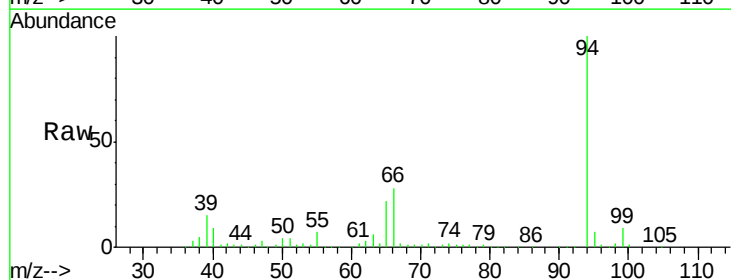
Tgt Ion: 94 Resp: 303672

Ion Ratio Lower Upper

94 100

65 22.4 3.8 43.8

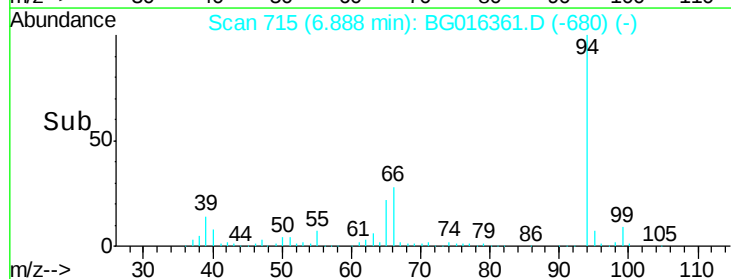
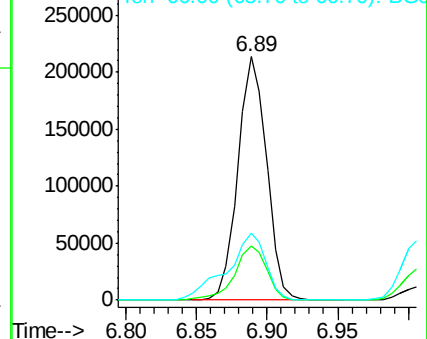
66 27.7 7.4 47.4



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

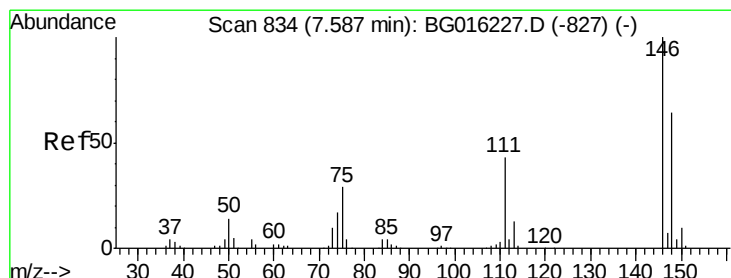
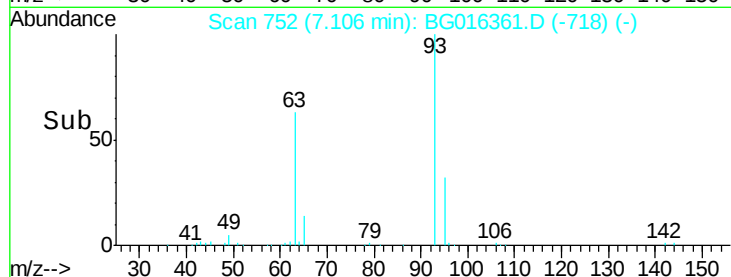
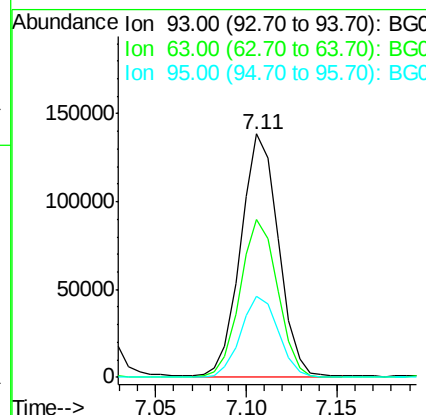
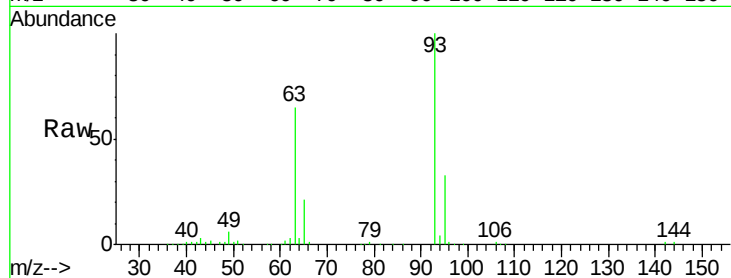




#11
bis(2-Chloroethyl)ether
Concen: 28.43 ng
RT: 7.11 min Scan# 752
Delta R.T. 0.00 min
Lab File: BG016361.D
Acq: 13 Apr 2015 15:32

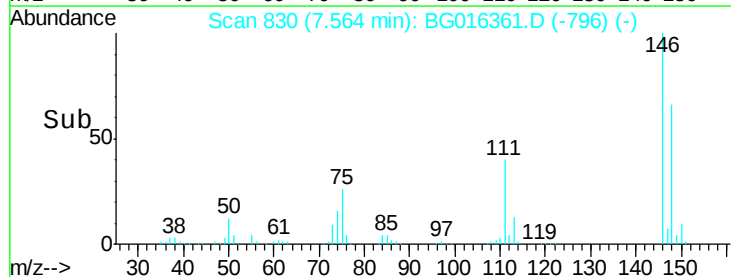
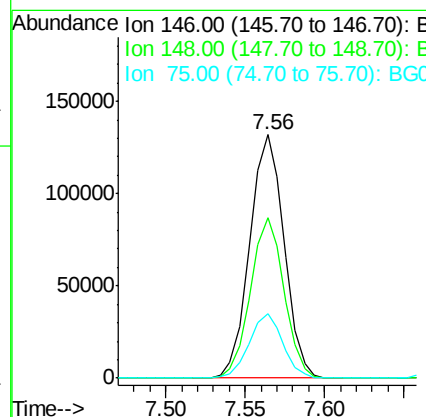
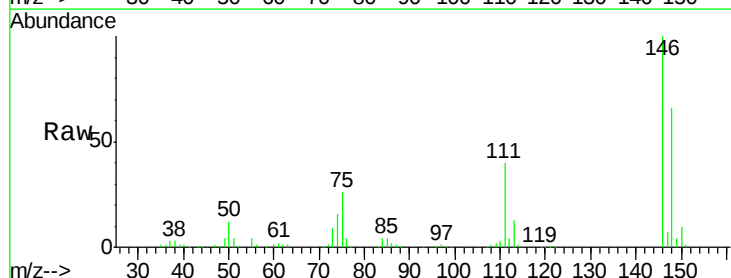
Instrument :
BNA_G
ClientSampleId :
F5-025MS

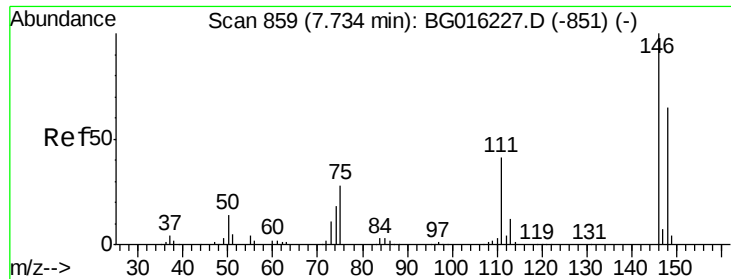
Tgt Ion	Ratio	Lower	Upper
93	100		
63	64.7	44.1	84.1
95	33.5	12.5	52.5



#12
1,3-Dichlorobenzene
Concen: 29.71 ng
RT: 7.56 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG016361.D
Acq: 13 Apr 2015 15:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	50.9	76.3
75	26.4	23.3	34.9

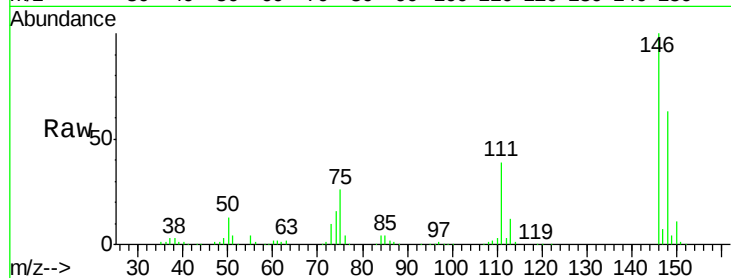




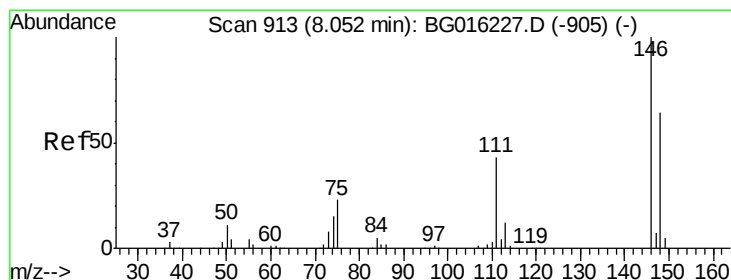
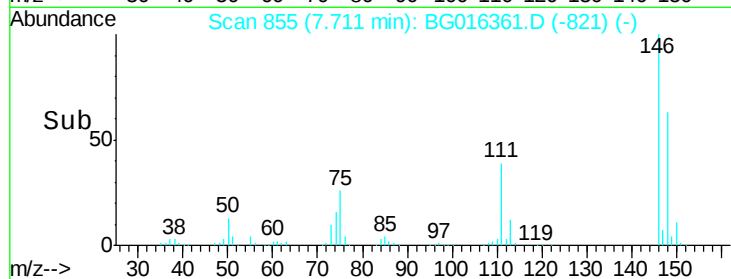
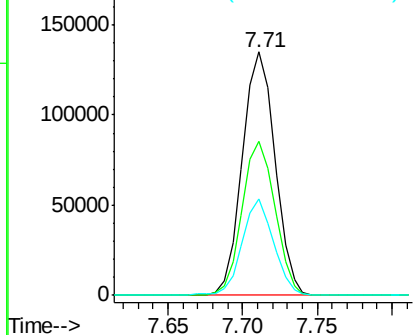
#13
 1,4-Dichlorobenzene
 Concen: 29.62 ng
 RT: 7.71 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: BG016361.D
 Acq: 13 Apr 2015 15:32

Instrument :
 BNA_G
 ClientSampleId :
 F5-025MS

Tgt Ion:146 Resp: 204952
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.0 78.0
 111 39.4 32.6 49.0

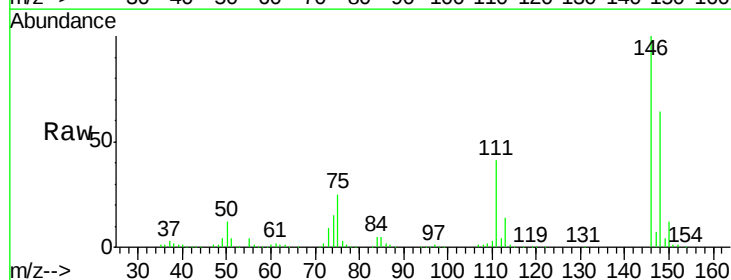


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

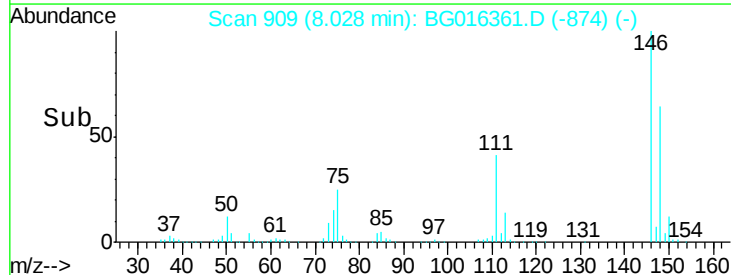
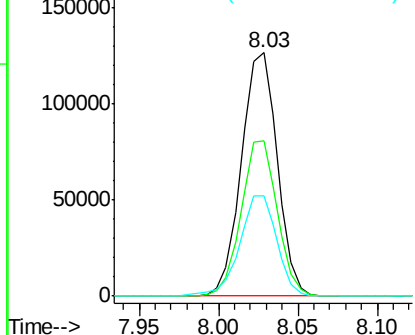


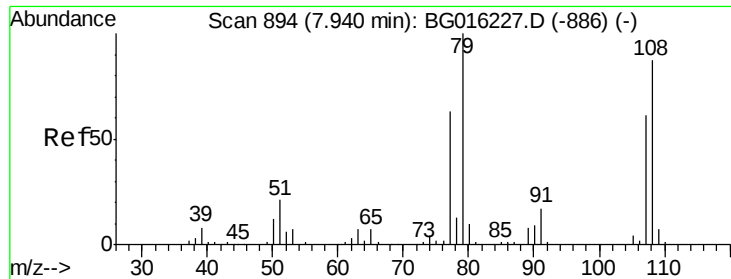
#14
 1,2-Dichlorobenzene
 Concen: 30.11 ng
 RT: 8.03 min Scan# 909
 Delta R.T. 0.01 min
 Lab File: BG016361.D
 Acq: 13 Apr 2015 15:32

Tgt Ion:146 Resp: 199202
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.9 76.3
 111 41.0 34.7 52.1



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: 29.70 ng

RT: 7.92 min Scan# 890

Delta R.T. 0.00 min

Lab File: BG016361.D

Acq: 13 Apr 2015 15:32

Instrument :

BNA_G

ClientSampleId :

F5-025MS

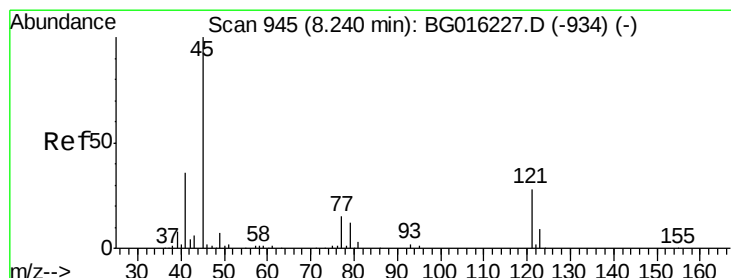
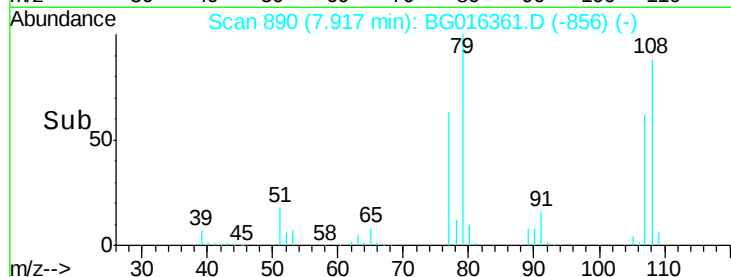
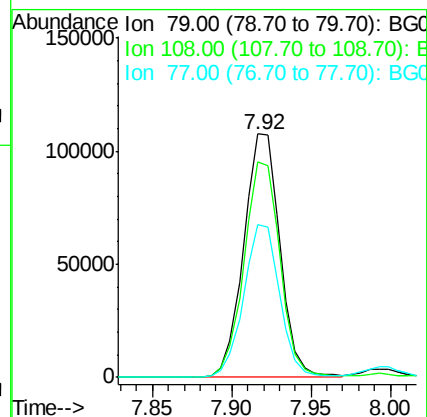
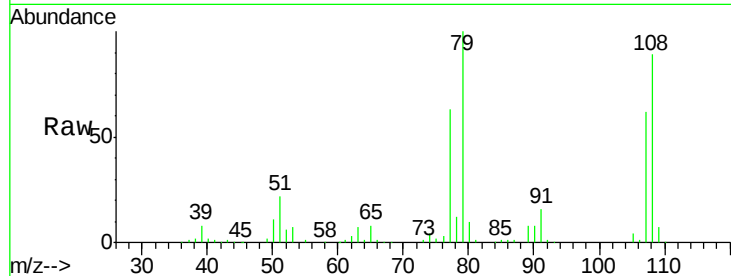
Tgt Ion: 79 Resp: 170946

Ion Ratio Lower Upper

79 100

108 88.6 69.3 103.9

77 62.9 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.40 ng

RT: 8.22 min Scan# 941

Delta R.T. 0.01 min

Lab File: BG016361.D

Acq: 13 Apr 2015 15:32

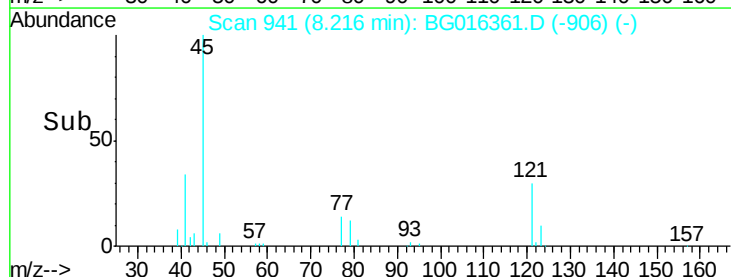
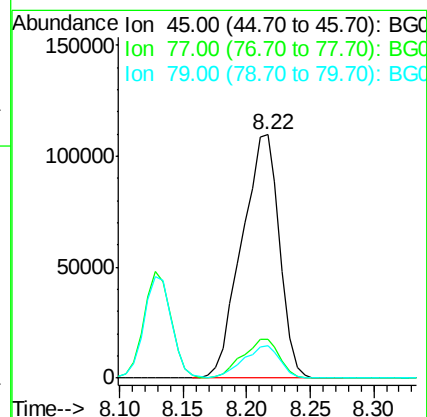
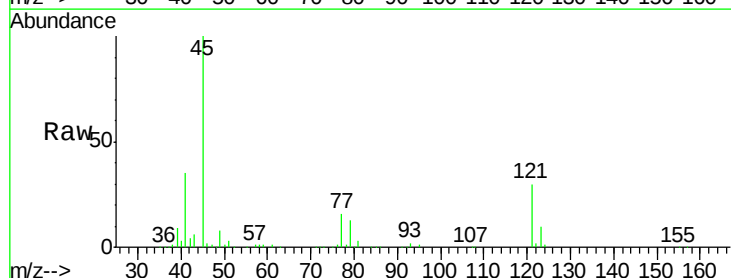
Tgt Ion: 45 Resp: 225264

Ion Ratio Lower Upper

45 100

77 15.7 0.0 35.3

79 13.2 0.0 32.3

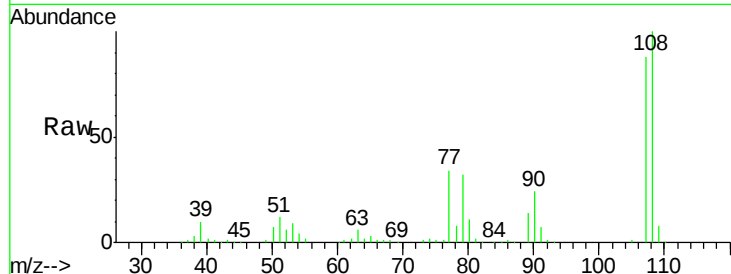




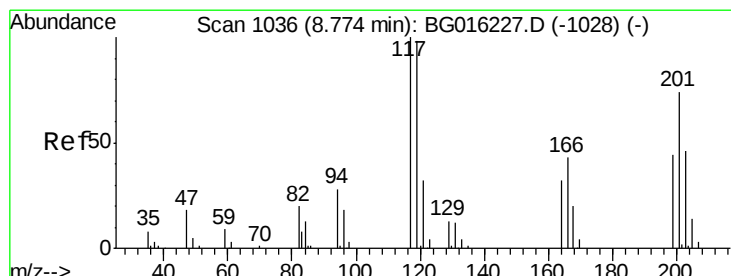
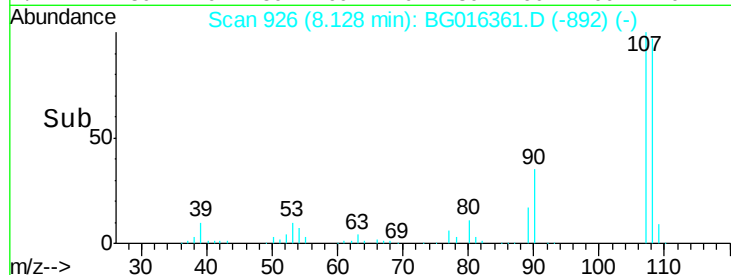
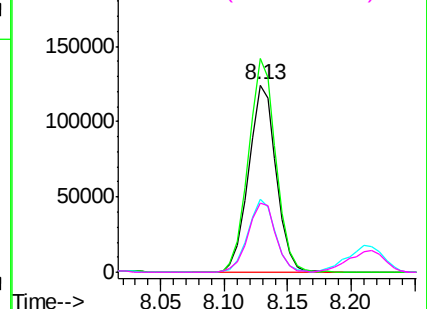
#17
2-Methylphenol
Concen: 31.51 ng
RT: 8.13 min Scan# 926
Delta R.T. 0.00 min
Lab File: BG016361.D
Acq: 13 Apr 2015 15:32

Instrument :
BNA_G
ClientSampleId :
F5-025MS

Tgt Ion:107 Resp: 186644
Ion Ratio Lower Upper
107 100
108 114.0 87.2 130.8
77 38.7 31.1 46.7
79 36.6 29.7 44.5

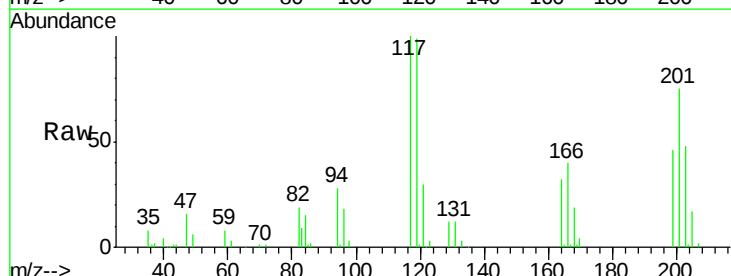


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

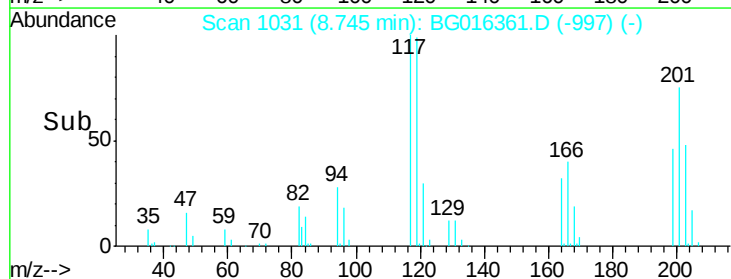
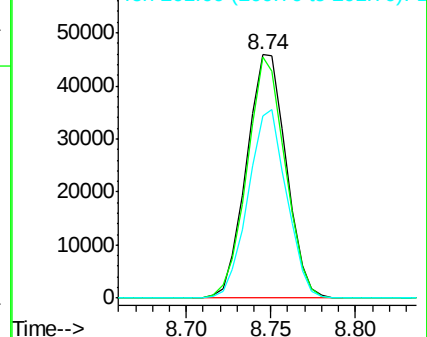


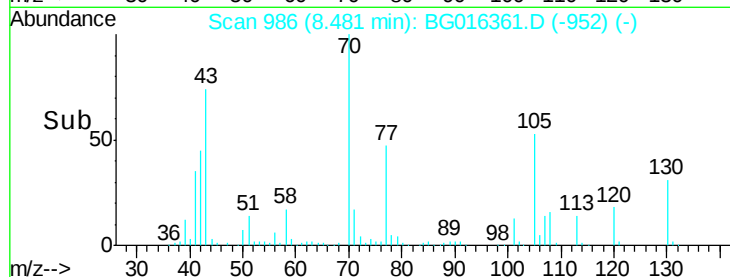
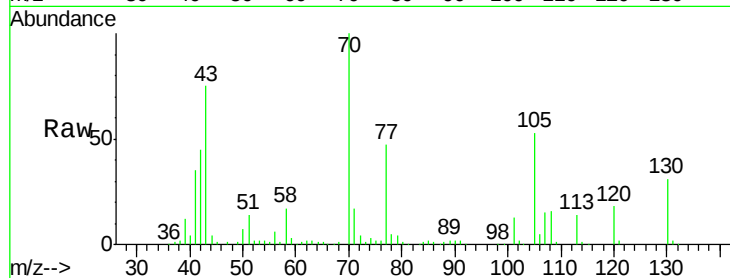
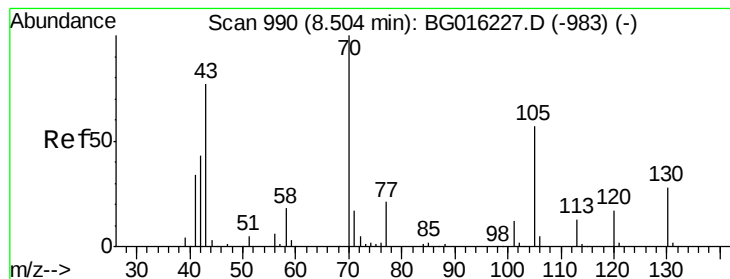
#18
Hexachloroethane
Concen: 28.36 ng
RT: 8.74 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BG016361.D
Acq: 13 Apr 2015 15:32

Tgt Ion:117 Resp: 75069
Ion Ratio Lower Upper
117 100
119 99.2 78.8 118.2
201 74.9 59.0 88.4



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

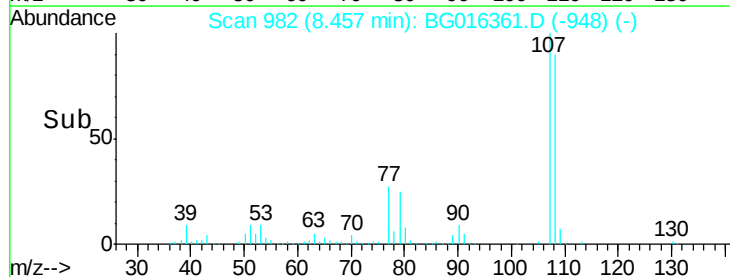
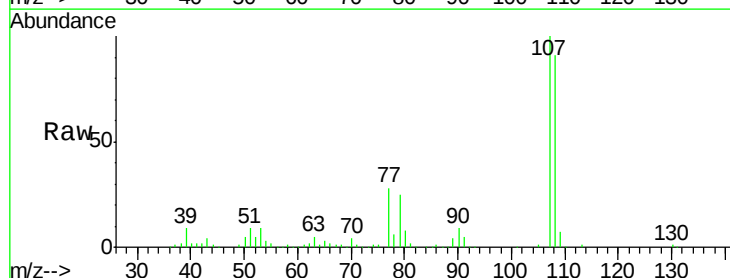
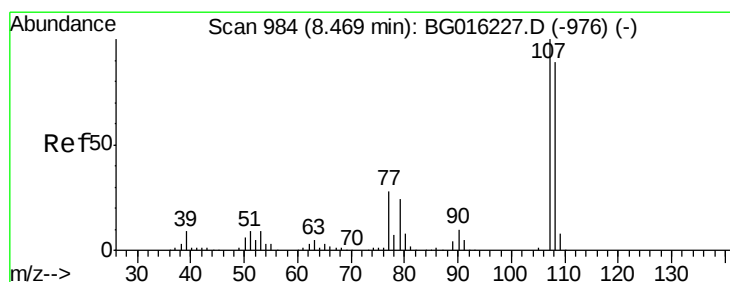
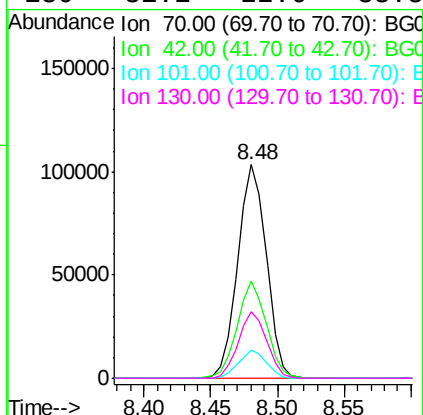




#19
n-Nitroso-di-n-propylamine
Concen: 25.90 ng
RT: 8.48 min Scan# 986
Delta R.T. 0.00 min
Lab File: BG016361.D
Acq: 13 Apr 2015 15:32

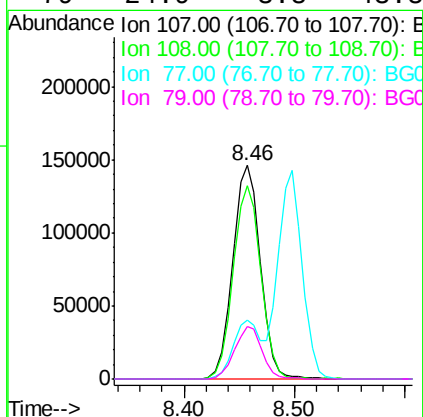
Instrument :
BNA_G
ClientSampleId :
F5-025MS

Tgt Ion: 70 Resp: 153176
Ion Ratio Lower Upper
70 100
42 45.4 34.7 52.1
101 13.0 9.2 13.8
130 31.1 22.6 33.8



#20
3+4-Methylphenols
Concen: 31.30 ng
RT: 8.46 min Scan# 982
Delta R.T. 0.00 min
Lab File: BG016361.D
Acq: 13 Apr 2015 15:32

Tgt Ion: 107 Resp: 256812
Ion Ratio Lower Upper
107 100
108 90.6 69.5 109.5
77 27.5 8.2 48.2
79 24.9 3.8 43.8

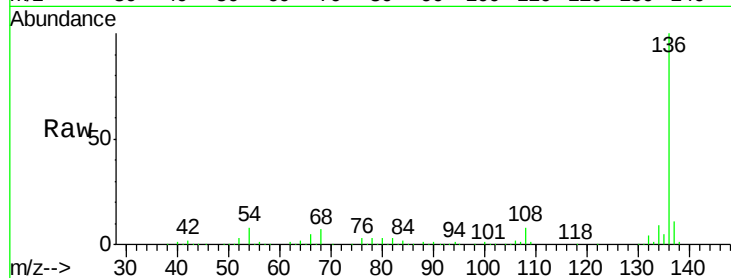




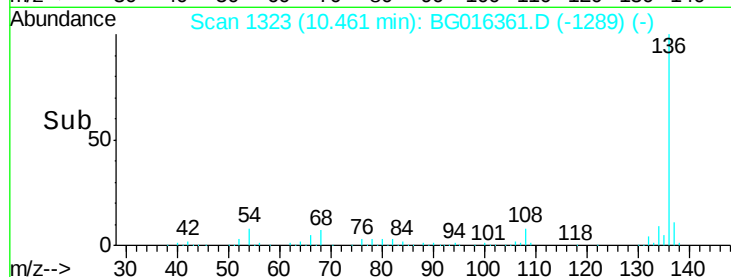
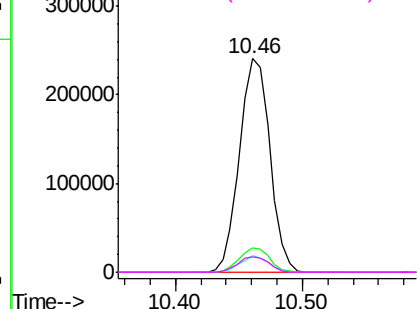
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.46 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG016361.D
Acq: 13 Apr 2015 15:32

Instrument :
BNA_G
ClientSampleId :
F5-025MS

Tgt Ion:	136	Resp:	401027
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	7.7	6.3	9.5
68	7.4	6.5	9.7

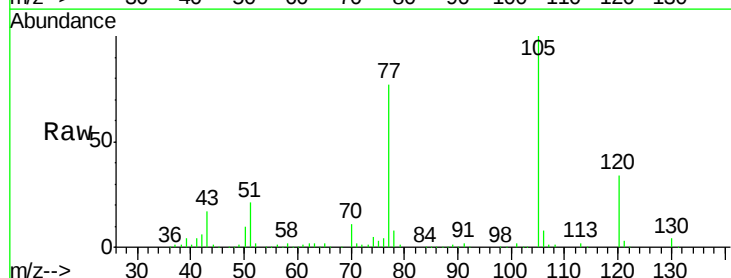


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

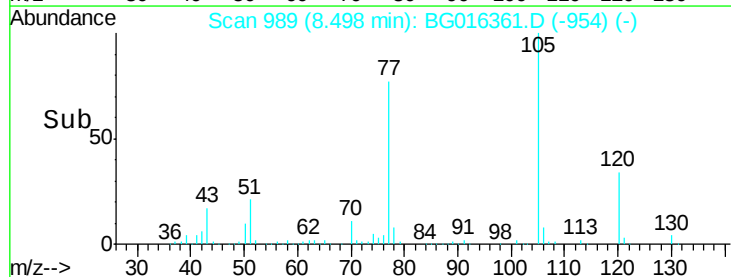
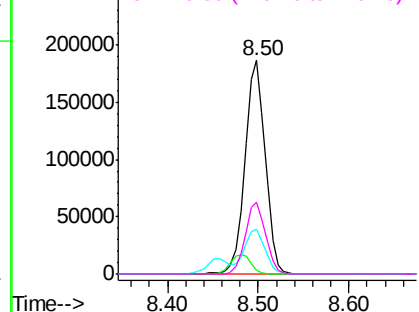


#22
Acetophenone
Concen: 31.04 ng
RT: 8.50 min Scan# 989
Delta R.T. 0.01 min
Lab File: BG016361.D
Acq: 13 Apr 2015 15:32

Tgt Ion:	105	Resp:	288679
Ion	Ratio	Lower	Upper
105	100		
71	1.9	2.0	3.0#
51	20.8	17.9	26.9
120	33.7	26.3	39.5



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

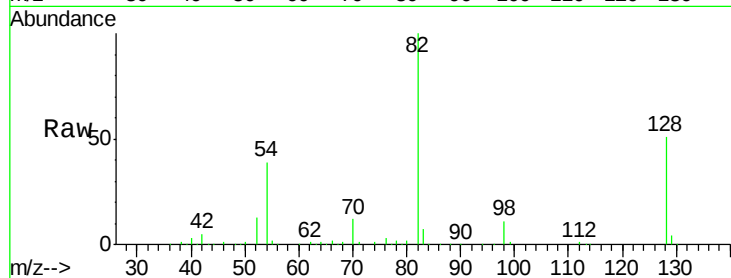




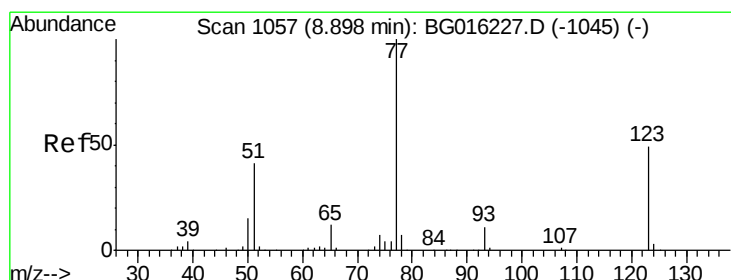
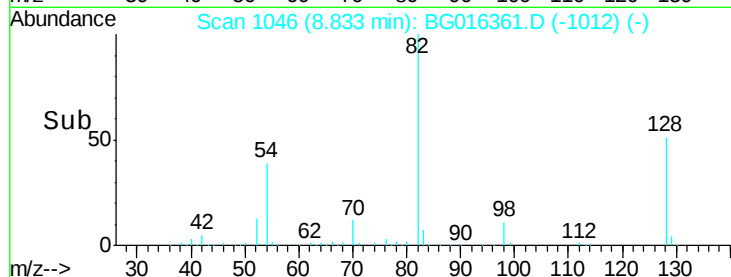
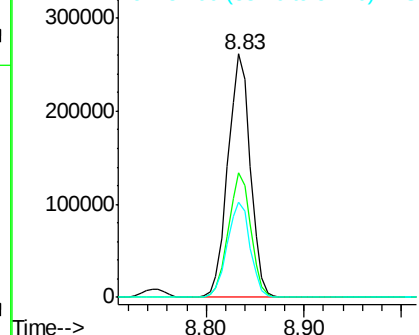
#23
Nitrobenzene-d5
Concen: 59.97 ng
RT: 8.83 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BG016361.D
Acq: 13 Apr 2015 15:32

Instrument :
BNA_G
ClientSampleId :
F5-025MS

Tgt Ion: 82 Resp: 415147
Ion Ratio Lower Upper
82 100
128 51.2 37.8 56.8
54 38.9 32.6 49.0

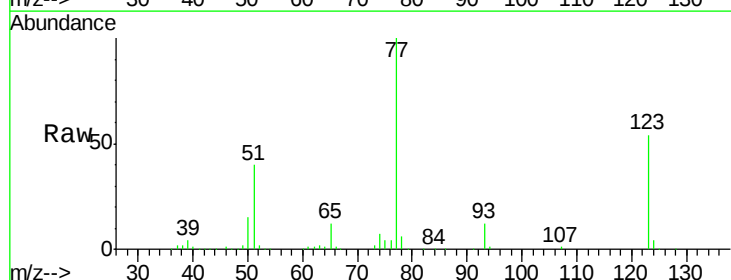


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

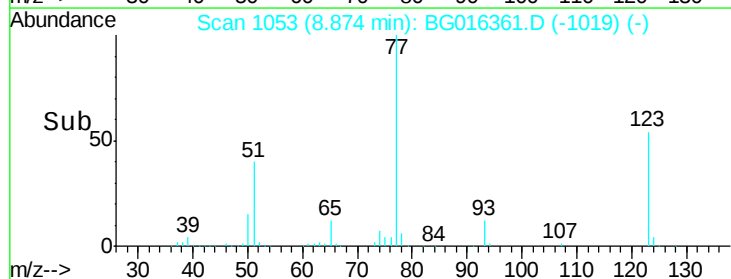
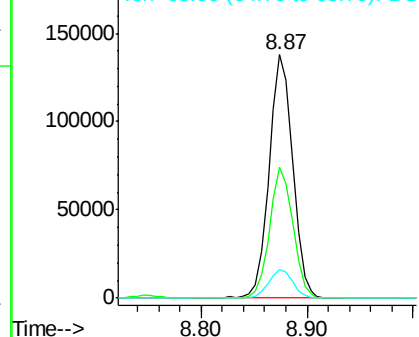


#24
Nitrobenzene
Concen: 28.83 ng
RT: 8.87 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BG016361.D
Acq: 13 Apr 2015 15:32

Tgt Ion: 77 Resp: 213459
Ion Ratio Lower Upper
77 100
123 53.9 38.8 58.2
65 11.6 9.4 14.2



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: 27.64 ng

RT: 9.40 min Scan# 1142

Delta R.T. 0.01 min

Lab File: BG016361.D

Acq: 13 Apr 2015 15:32

Instrument :

BNA_G

ClientSampleId :

F5-025MS

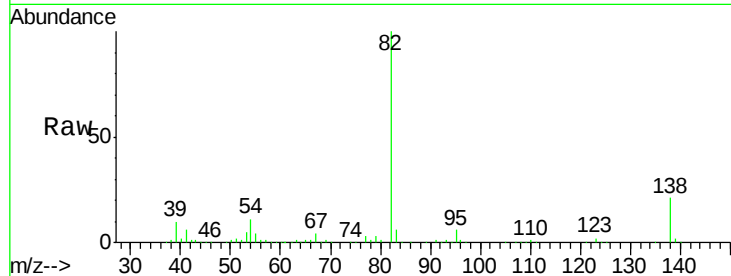
Tgt Ion: 82 Resp: 424870

Ion Ratio Lower Upper

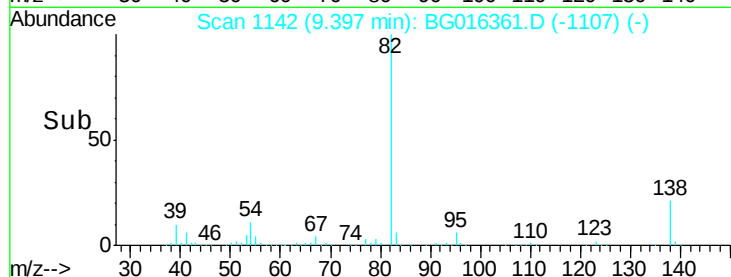
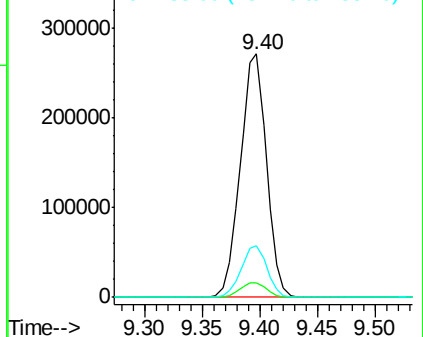
82 100

95 6.1 5.0 7.6

138 21.2 16.2 24.2



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: 35.88 ng

RT: 9.59 min Scan# 1174

Delta R.T. 0.01 min

Lab File: BG016361.D

Acq: 13 Apr 2015 15:32

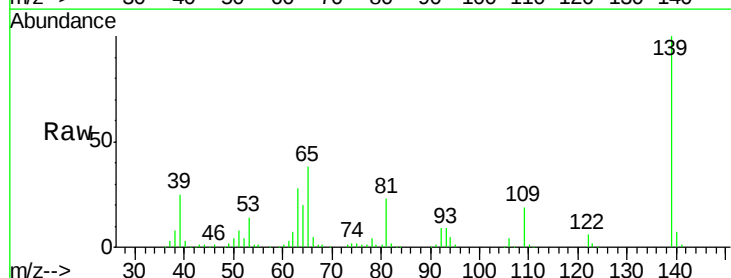
Tgt Ion: 139 Resp: 123859

Ion Ratio Lower Upper

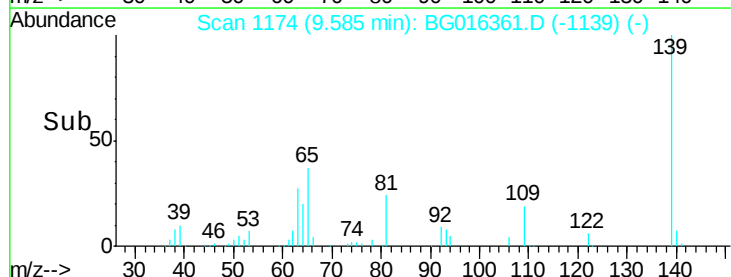
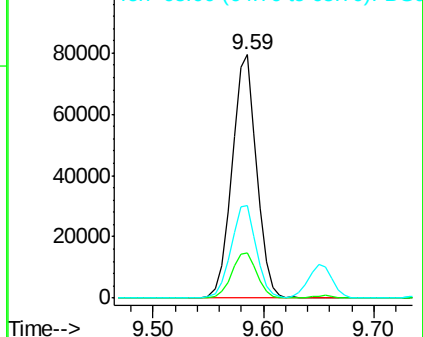
139 100

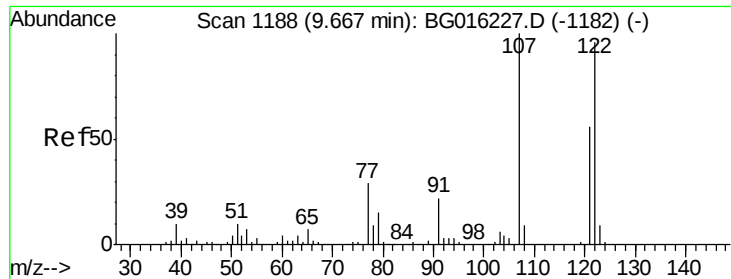
109 18.8 15.9 23.9

65 38.2 32.9 49.3



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

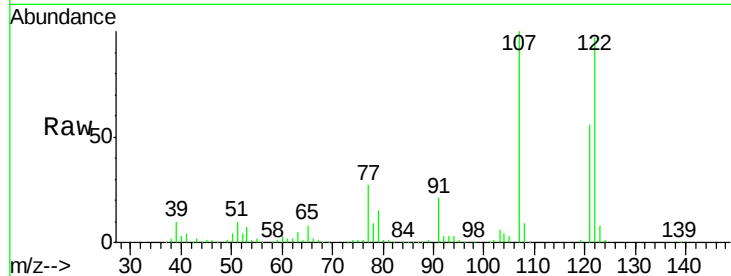




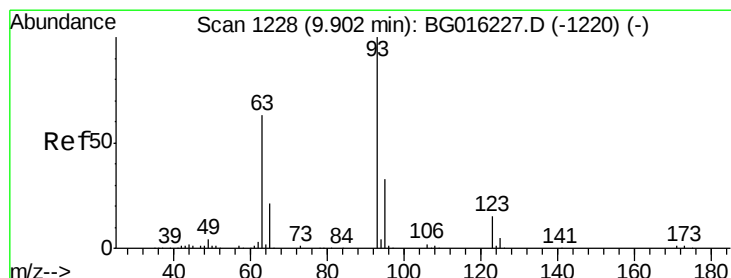
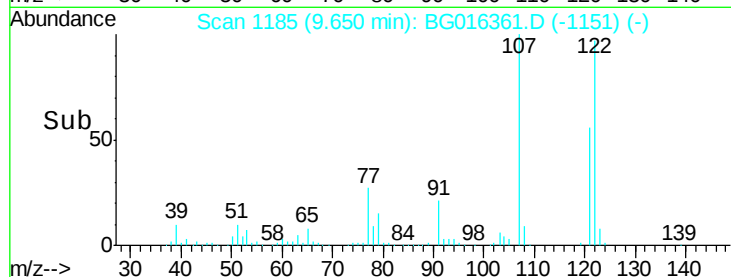
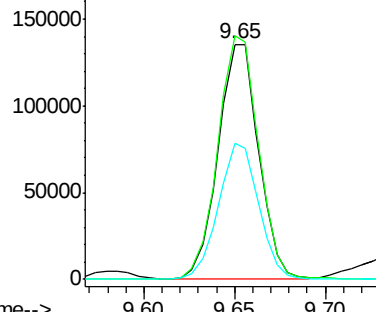
#27
 2,4-Dimethylphenol
 Concen: 32.65 ng
 RT: 9.65 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: BG016361.D
 Acq: 13 Apr 2015 15:32

Instrument :
 BNA_G
 ClientSampleId :
 F5-025MS

Tgt Ion: 122 Resp: 209955
 Ion Ratio Lower Upper
 122 100
 107 103.6 83.4 125.2
 121 57.8 46.2 69.4

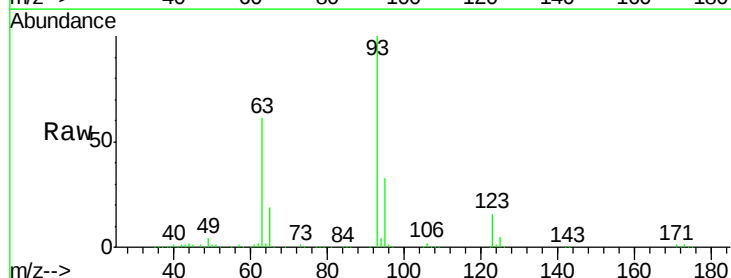


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

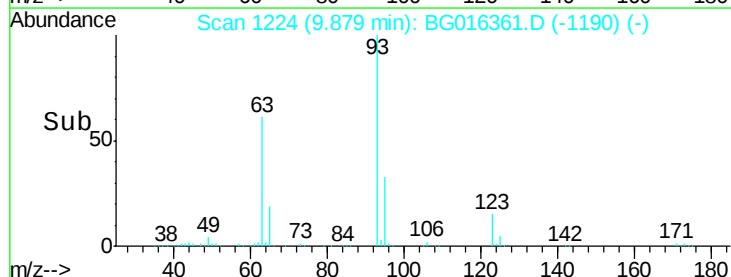
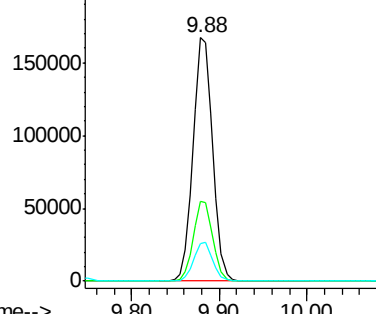


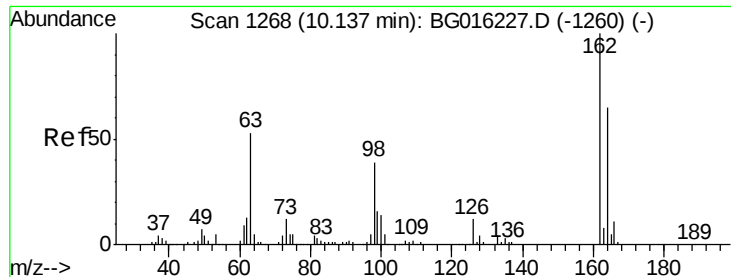
#28
 bis(2-Chloroethoxy)methane
 Concen: 29.59 ng
 RT: 9.88 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BG016361.D
 Acq: 13 Apr 2015 15:32

Tgt Ion: 93 Resp: 259678
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.1 39.1
 123 15.5 11.8 17.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

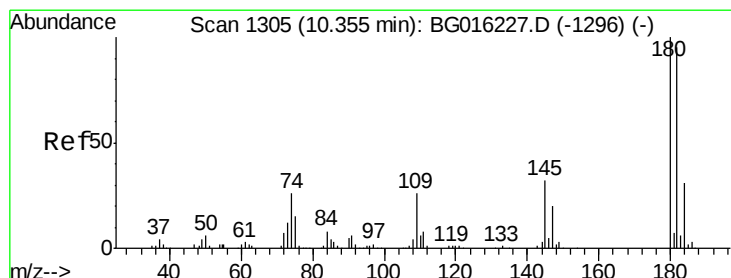
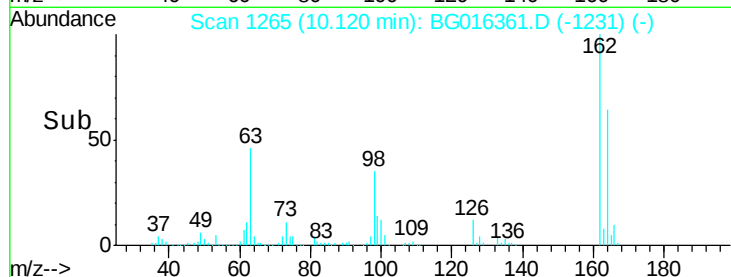
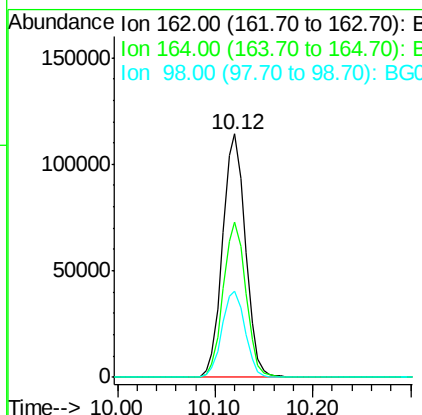
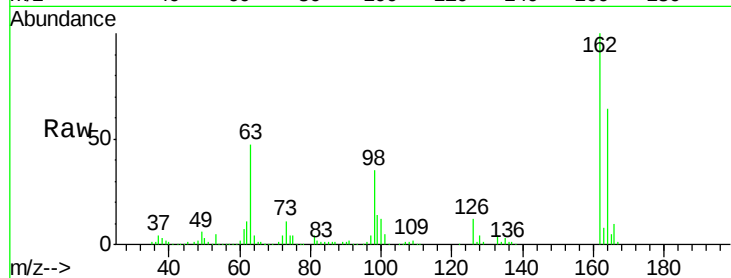




#29
2,4-Dichlorophenol
Concen: 36.59 ng
RT: 10.12 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BG016361.D
Acq: 13 Apr 2015 15:32

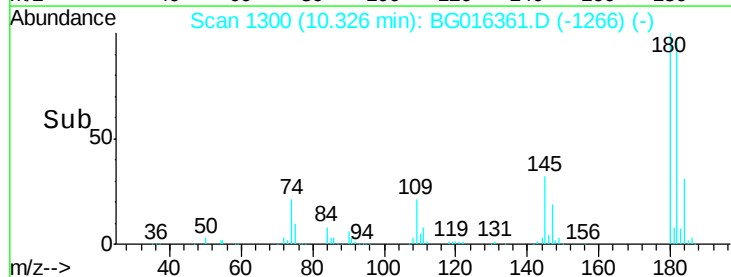
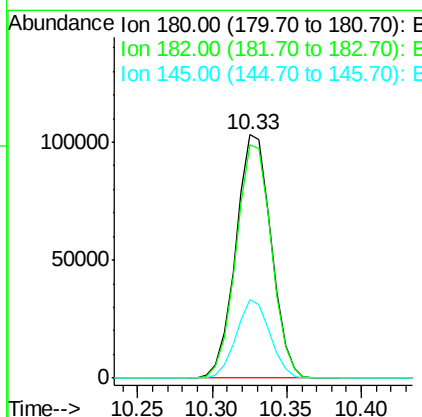
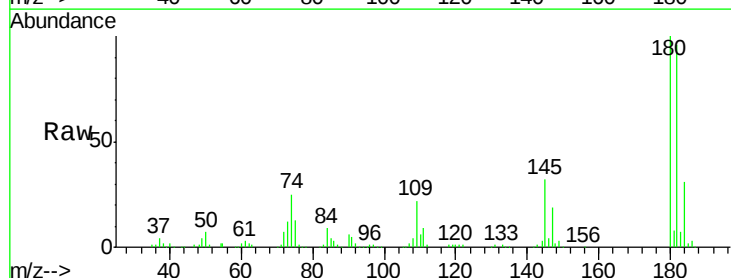
Instrument :
BNA_G
ClientSampleId :
F5-025MS

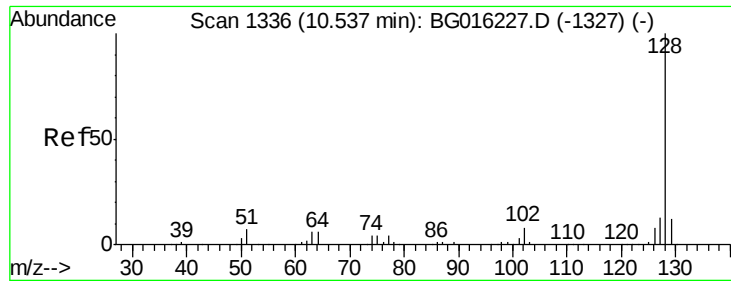
Tgt Ion:162 Resp: 186171
Ion Ratio Lower Upper
162 100
164 63.6 45.0 85.0
98 35.4 19.1 59.1



#30
1,2,4-Trichlorobenzene
Concen: 31.85 ng
RT: 10.33 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG016361.D
Acq: 13 Apr 2015 15:32

Tgt Ion:180 Resp: 169212
Ion Ratio Lower Upper
180 100
182 95.6 76.3 114.5
145 32.0 25.2 37.8

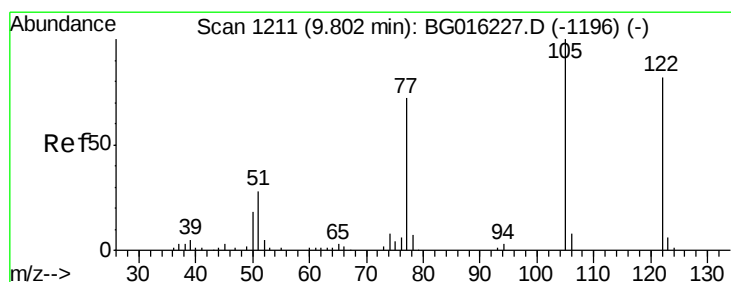
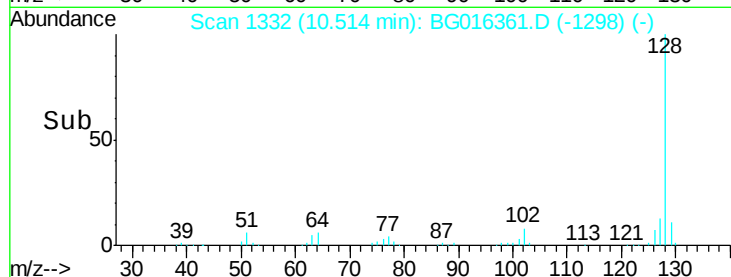
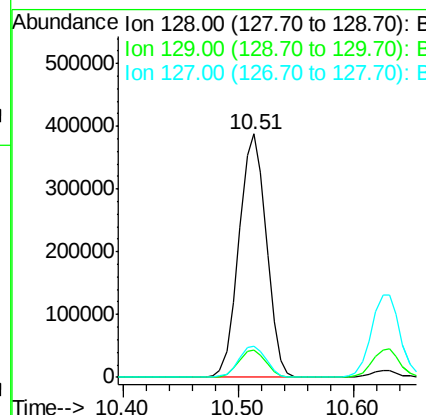
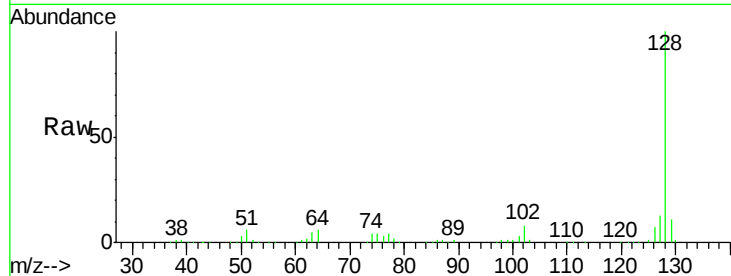




#31
Naphthalene
Concen: 30.37 ng
RT: 10.51 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BG016361.D
Acq: 13 Apr 2015 15:32

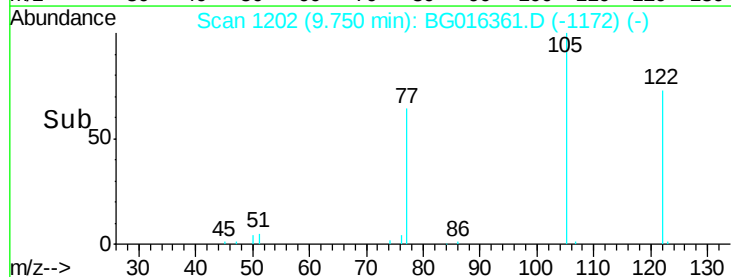
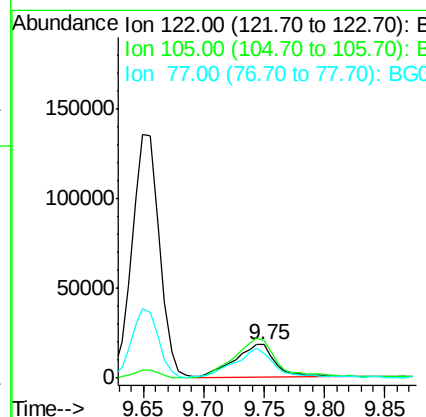
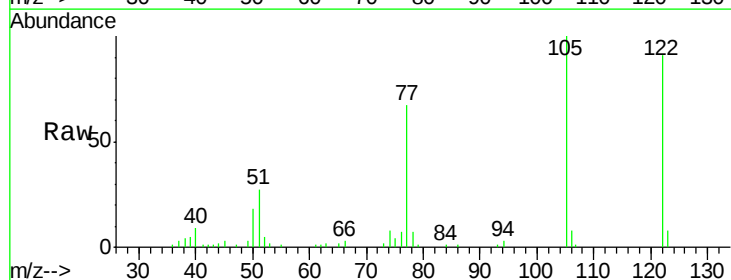
Instrument :
BNA_G
ClientSampleId :
F5-025MS

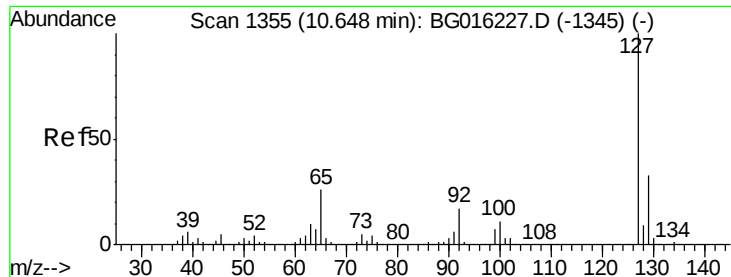
Tgt Ion:128 Resp: 634547
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 12.9 10.6 16.0



#32
Benzoic acid
Concen: 17.06 ng
RT: 9.75 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BG016361.D
Acq: 13 Apr 2015 15:32

Tgt Ion:122 Resp: 42704
Ion Ratio Lower Upper
122 100
105 110.3 99.7 139.7
77 73.7 66.8 106.8

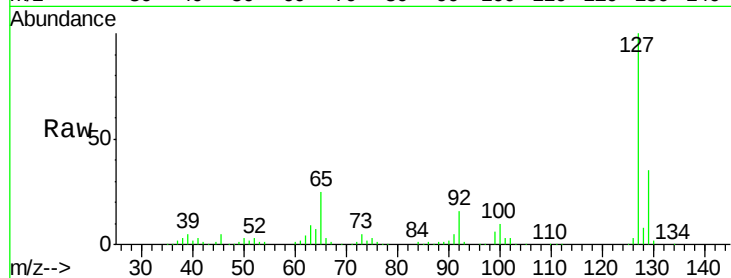




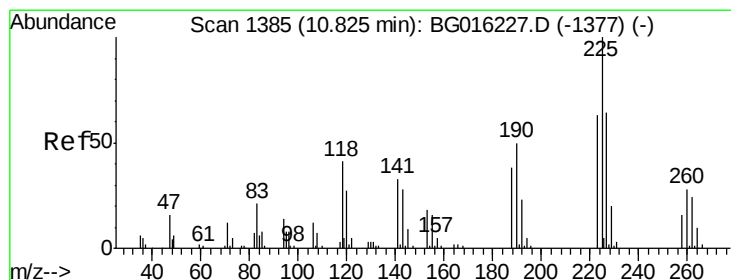
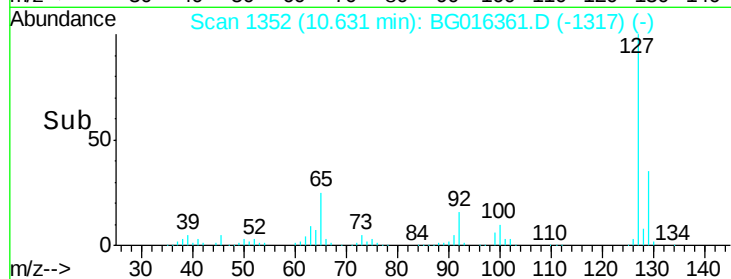
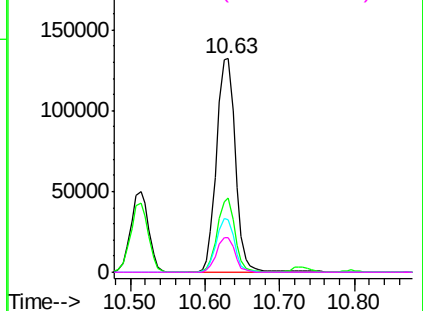
#33
4-Chloroaniline
Concen: 23.85 ng
RT: 10.63 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BG016361.D
Acq: 13 Apr 2015 15:32

Instrument :
BNA_G
ClientSampleId :
F5-025MS

Tgt Ion:	127	Resp:	233882
Ion	Ratio	Lower	Upper
127	100		
129	34.8	26.1	39.1
65	24.7	21.2	31.8
92	16.4	13.8	20.6

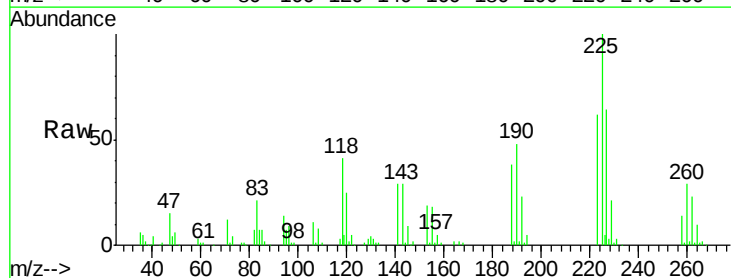


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

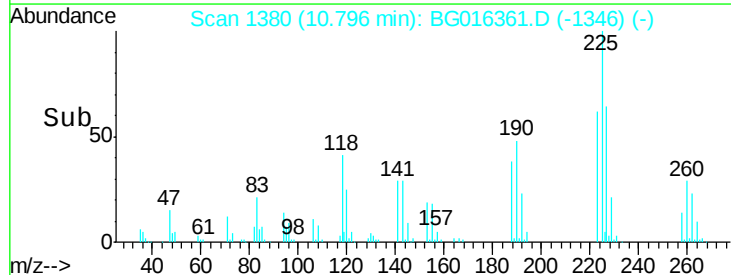
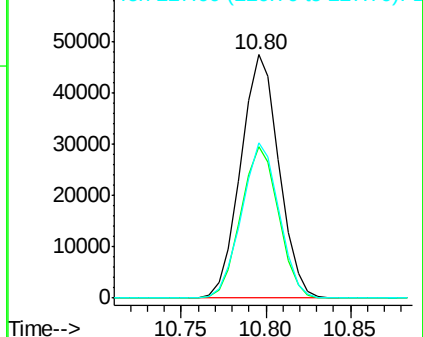


#34
Hexachlorobutadiene
Concen: 31.91 ng
RT: 10.80 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BG016361.D
Acq: 13 Apr 2015 15:32

Tgt Ion:	225	Resp:	74453
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.4	75.6
227	63.7	51.2	76.8



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

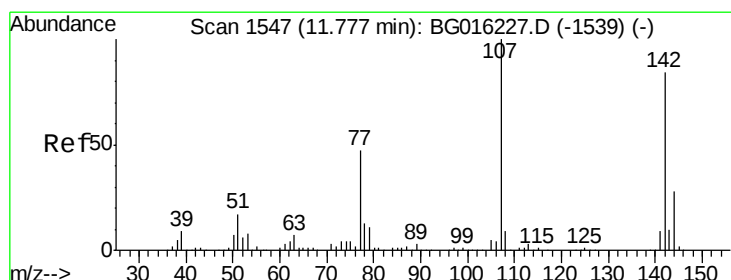
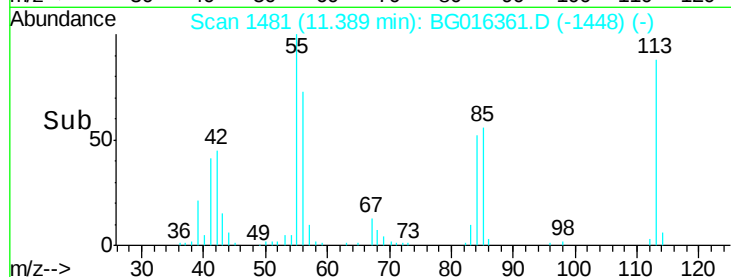
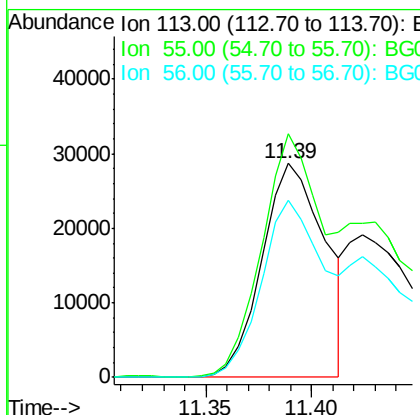
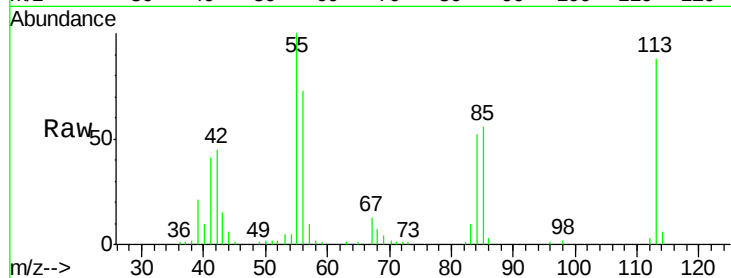




#35
 Caprolactam
 Concen: 18.53 ng
 RT: 11.39 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BG016361.D
 Acq: 13 Apr 2015 15:32

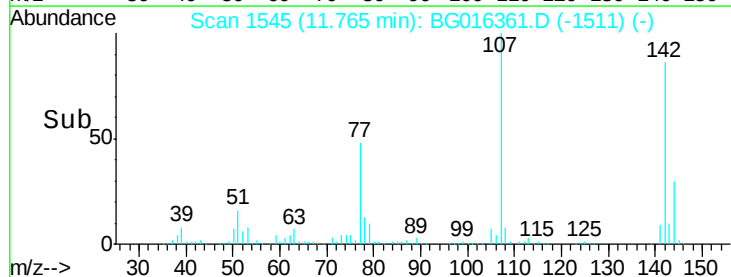
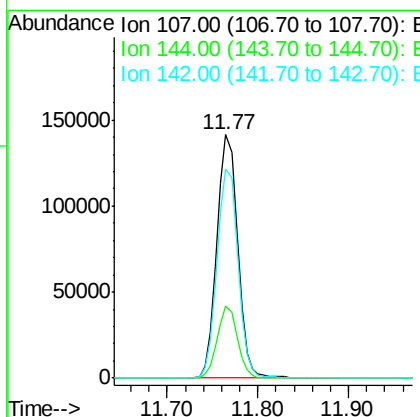
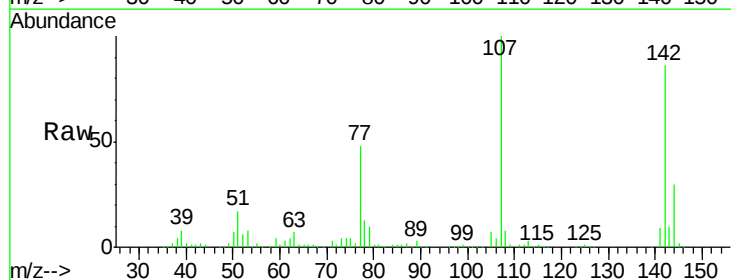
Instrument :
 BNA_G
 ClientSampleId :
 F5-025MS

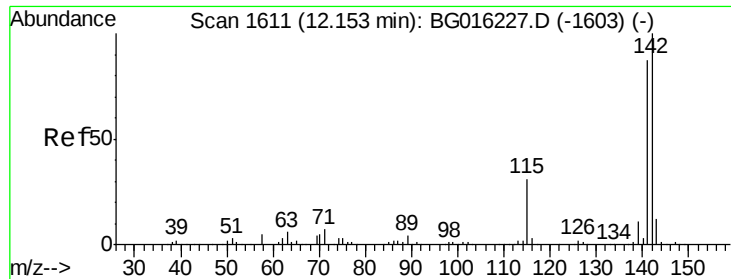
Tgt Ion:113 Resp: 59355
 Ion Ratio Lower Upper
 113 100
 55 113.7 92.4 132.4
 56 82.5 63.2 103.2



#36
 4-Chloro-3-methylphenol
 Concen: 33.57 ng
 RT: 11.77 min Scan# 1545
 Delta R.T. 0.00 min
 Lab File: BG016361.D
 Acq: 13 Apr 2015 15:32

Tgt Ion:107 Resp: 225647
 Ion Ratio Lower Upper
 107 100
 144 29.7 22.0 33.0
 142 85.8 67.0 100.6

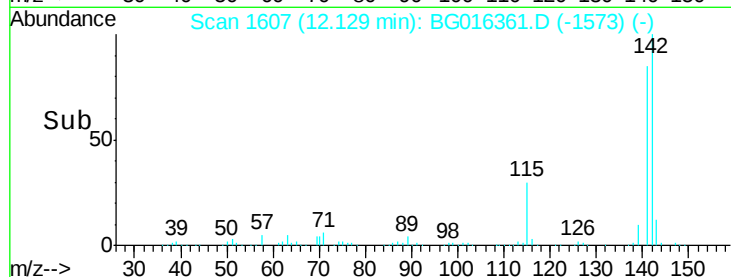
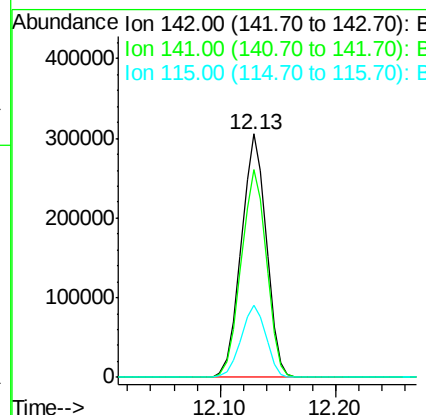
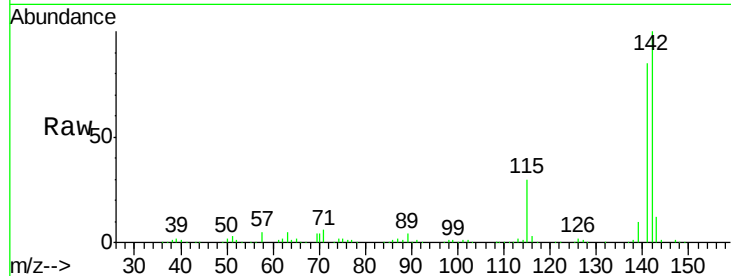




#37
2-Methylnaphthalene
Concen: 30.55 ng
RT: 12.13 min Scan# 1607
Delta R.T. 0.00 min
Lab File: BG016361.D
Acq: 13 Apr 2015 15:32

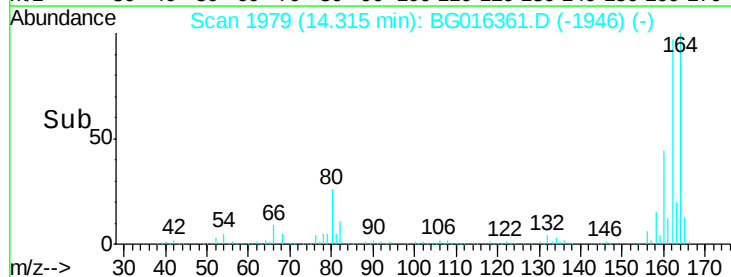
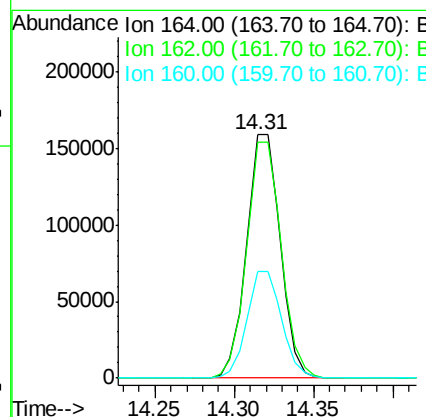
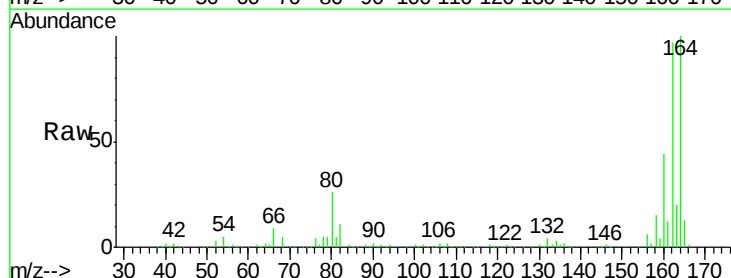
Instrument :
BNA_G
ClientSampleId :
F5-025MS

Tgt Ion:142 Resp: 459296
Ion Ratio Lower Upper
142 100
141 85.3 69.3 103.9
115 29.8 25.0 37.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.31 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BG016361.D
Acq: 13 Apr 2015 15:32

Tgt Ion:164 Resp: 234036
Ion Ratio Lower Upper
164 100
162 97.1 77.3 115.9
160 43.6 36.7 55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.53 ng

RT: 12.51 min Scan# 1671

Delta R.T. 0.01 min

Lab File: BG016361.D

Acq: 13 Apr 2015 15:32

Instrument :

BNA_G

ClientSampleId :

F5-025MS

Tgt Ion:216 Resp: 157310

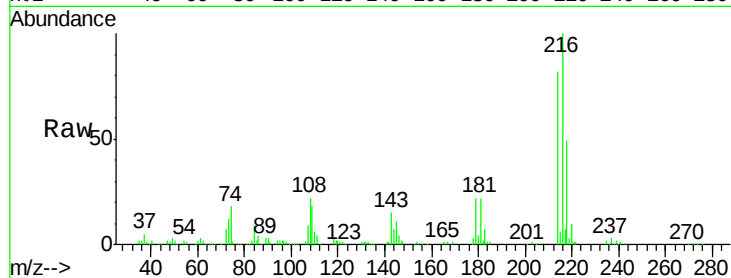
Ion Ratio Lower Upper

216 100

214 81.0 63.4 95.0

179 22.0 18.2 27.2

108 26.4 21.2 31.8

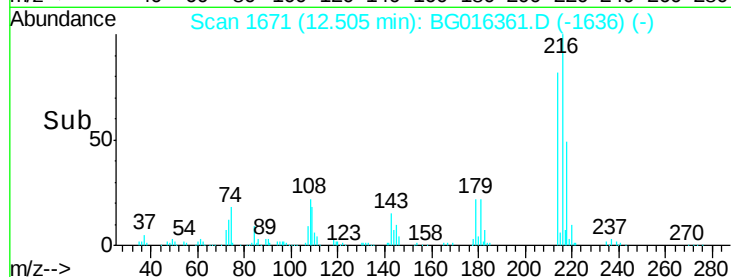


Abundance Ion 216.00 (215.70 to 216.70): E

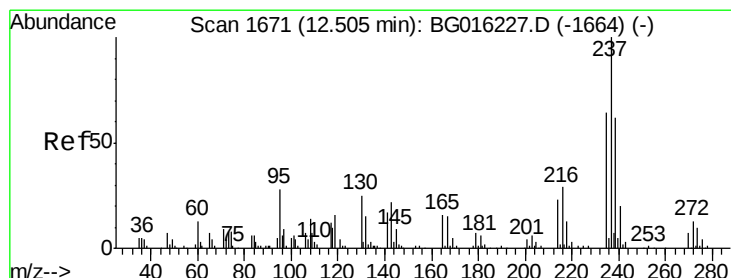
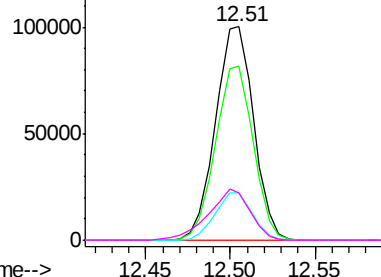
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 57.76 ng

RT: 12.48 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BG016361.D

Acq: 13 Apr 2015 15:32

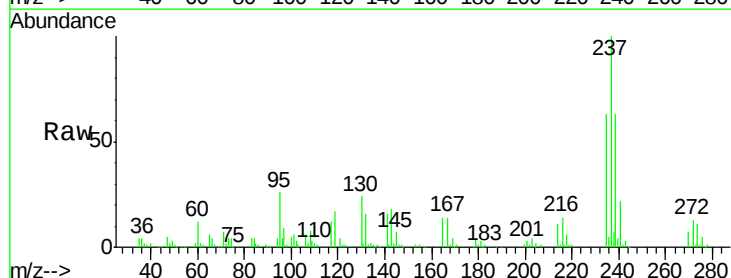
Tgt Ion:237 Resp: 136240

Ion Ratio Lower Upper

237 100

235 62.7 43.9 83.9

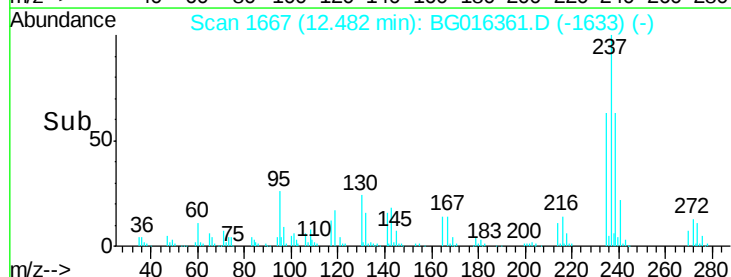
272 13.1 0.0 33.1



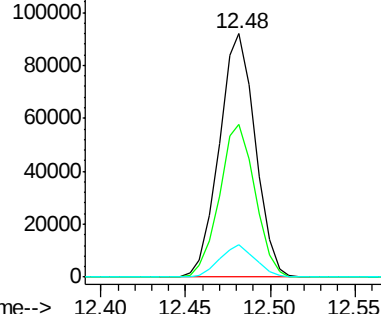
Abundance Ion 236.80 (236.50 to 237.50): E

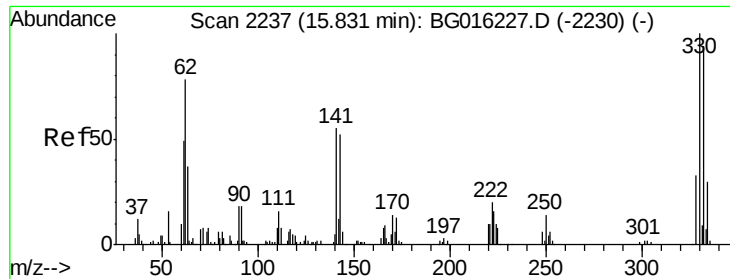
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

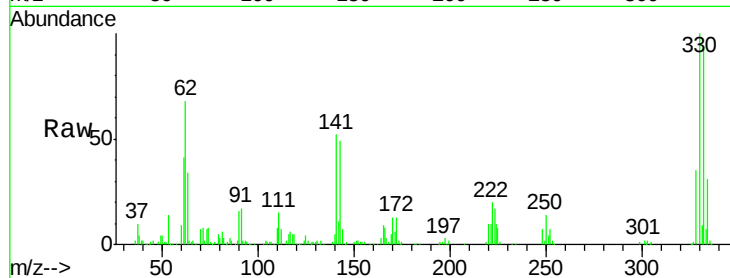




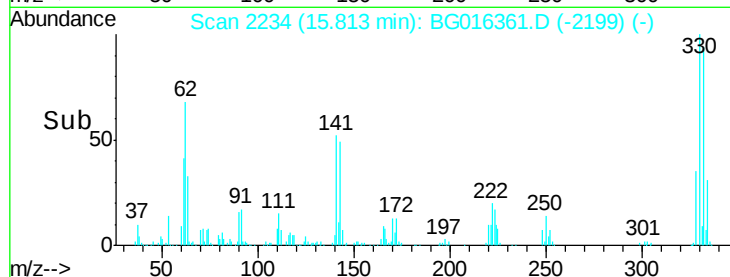
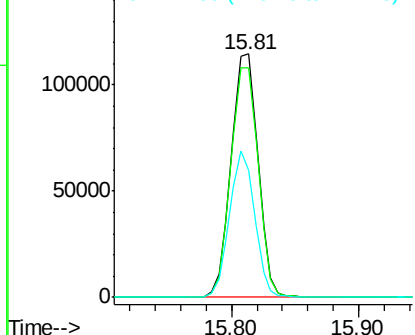
#41
 2,4,6-Tribromophenol
 Concen: 106.36 ng
 RT: 15.81 min Scan# 2234
 Delta R.T. 0.01 min
 Lab File: BG016361.D
 Acq: 13 Apr 2015 15:32

Instrument :
 BNA_G
 ClientSampleId :
 F5-025MS

Tgt Ion:330 Resp: 168342
 Ion Ratio Lower Upper
 330 100
 332 96.0 75.8 113.6
 141 56.1 46.6 69.8

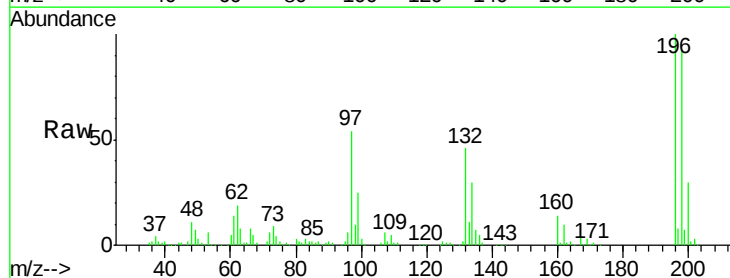


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

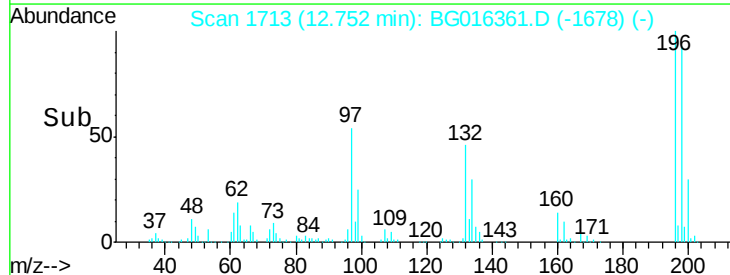
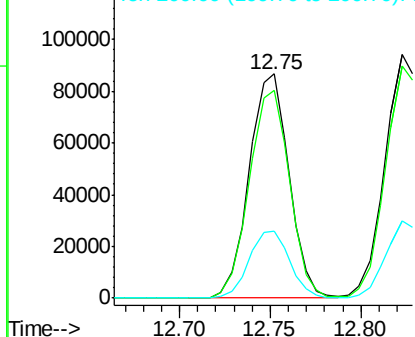


#42
 2,4,6-Trichlorophenol
 Concen: 34.59 ng
 RT: 12.75 min Scan# 1713
 Delta R.T. 0.01 min
 Lab File: BG016361.D
 Acq: 13 Apr 2015 15:32

Tgt Ion:196 Resp: 132429
 Ion Ratio Lower Upper
 196 100
 198 92.8 77.2 115.8
 200 30.1 25.3 37.9



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

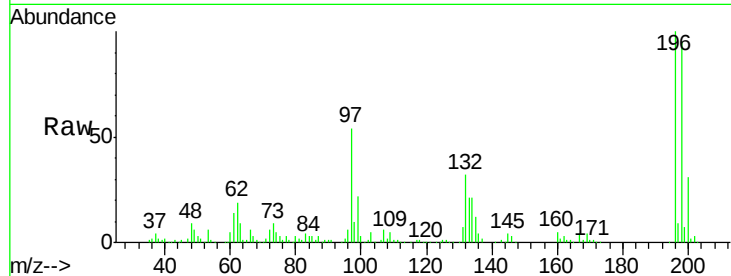




#43
 2,4,5-Trichlorophenol
 Concen: 36.20 ng
 RT: 12.82 min Scan# 1725
 Delta R.T. 0.00 min
 Lab File: BG016361.D
 Acq: 13 Apr 2015 15:32

Instrument :
 BNA_G
 ClientSampleId :
 F5-025MS

Tgt Ion	Resp	Lower	Upper
196	148077		
198	95.2	77.1	115.7
97	53.5	46.6	69.8
132	32.5	27.0	40.6



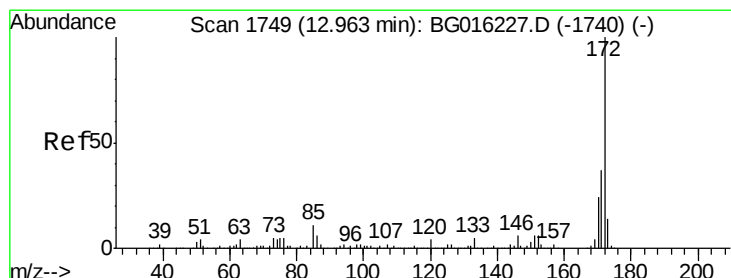
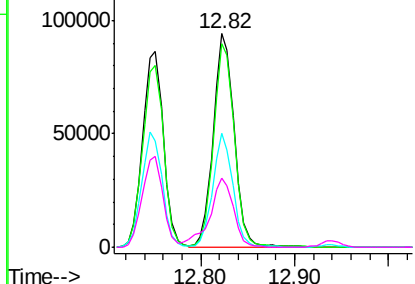
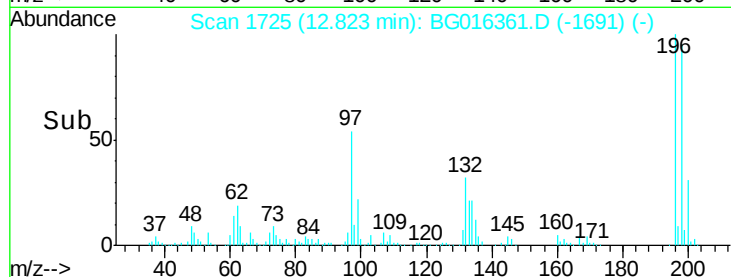
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

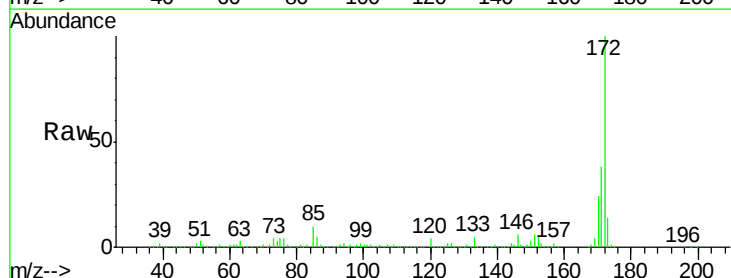
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 61.64 ng
 RT: 12.94 min Scan# 1745
 Delta R.T. 0.00 min
 Lab File: BG016361.D
 Acq: 13 Apr 2015 15:32

Tgt Ion	Resp	Lower	Upper
172	847279		
171	38.0	29.6	44.4
170	24.4	19.4	29.2

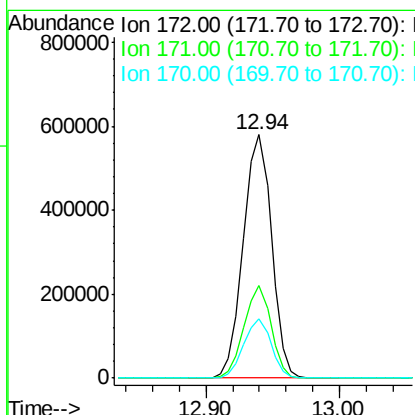
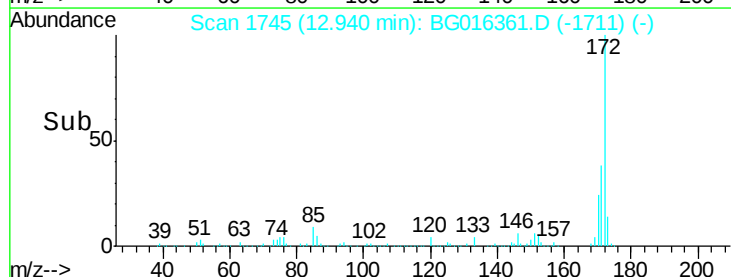


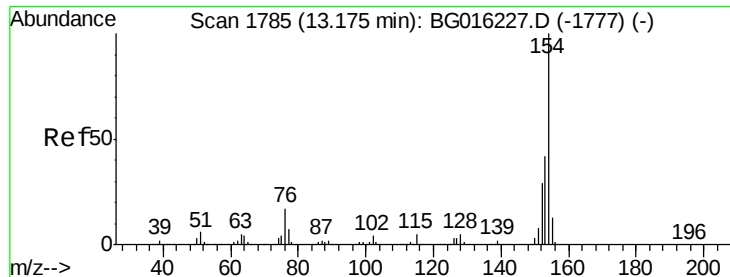
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

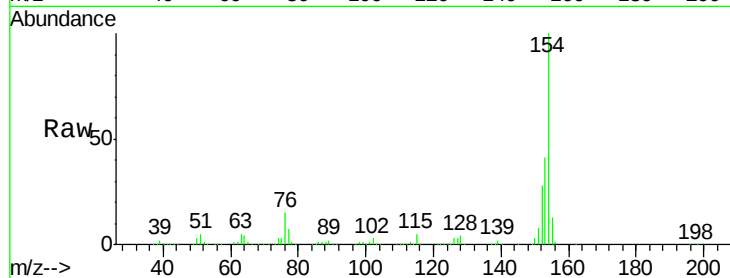




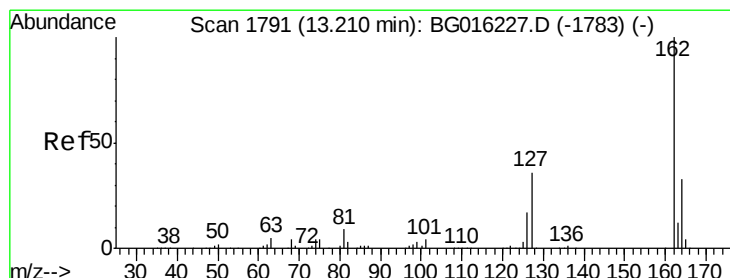
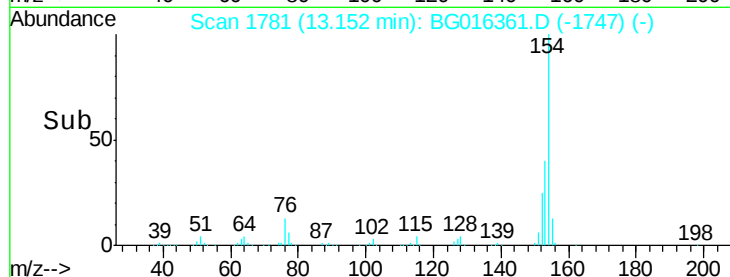
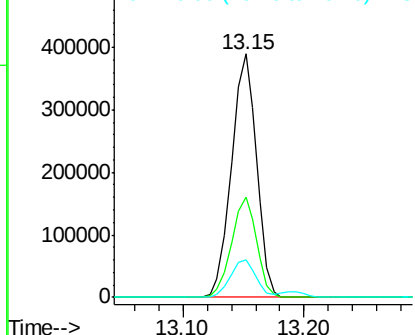
#45
 1,1'-Biphenyl
 Concen: 31.31 ng
 RT: 13.15 min Scan# 1781
 Delta R.T. 0.00 min
 Lab File: BG016361.D
 Acq: 13 Apr 2015 15:32

Instrument :
 BNA_G
 ClientSampled :
 F5-025MS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	22.4	62.4
76	15.2	0.0	37.1

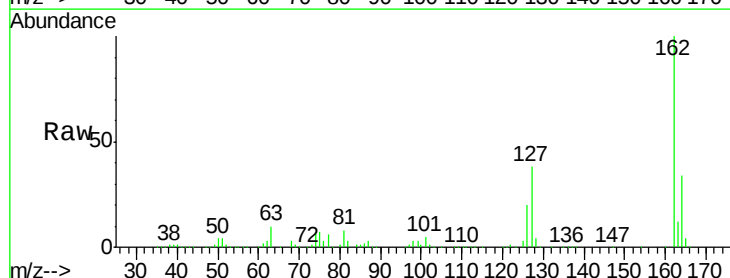


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

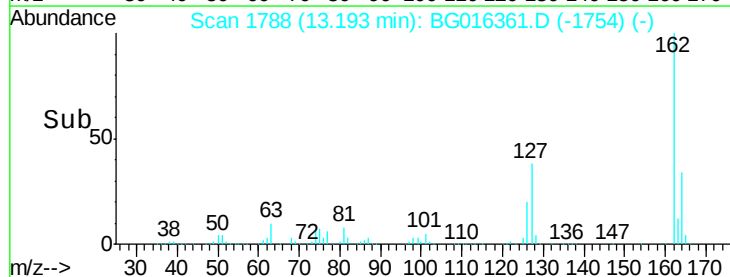
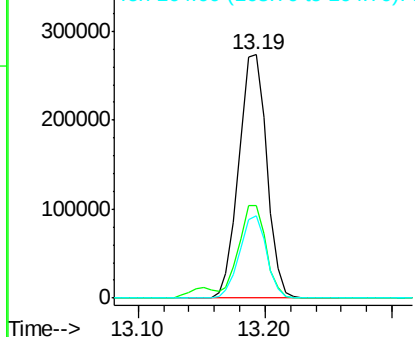


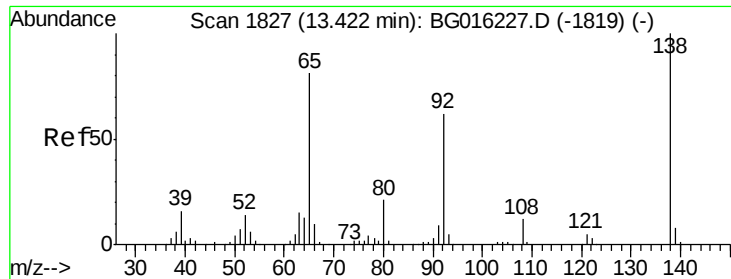
#46
 2-Chloronaphthalene
 Concen: 30.59 ng
 RT: 13.19 min Scan# 1788
 Delta R.T. 0.00 min
 Lab File: BG016361.D
 Acq: 13 Apr 2015 15:32

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.1	30.8	46.2
164	33.6	26.6	40.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

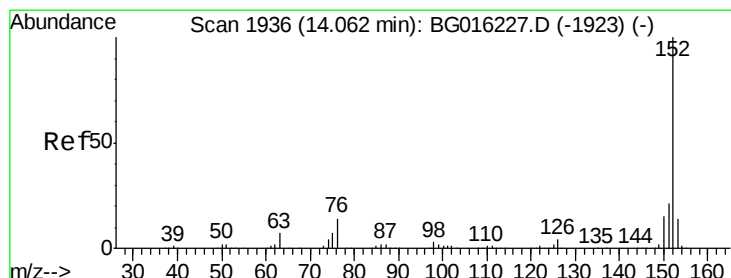
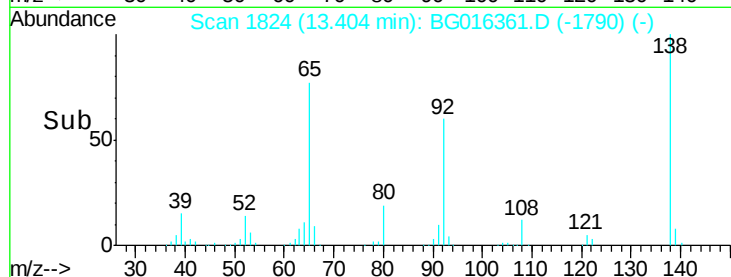
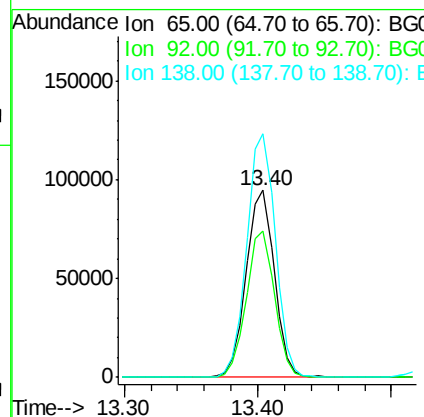
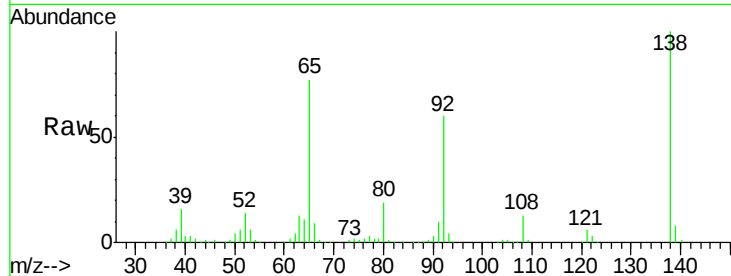




#47
 2-Nitroaniline
 Concen: 31.35 ng
 RT: 13.40 min Scan# 1824
 Delta R.T. 0.00 min
 Lab File: BG016361.D
 Acq: 13 Apr 2015 15:32

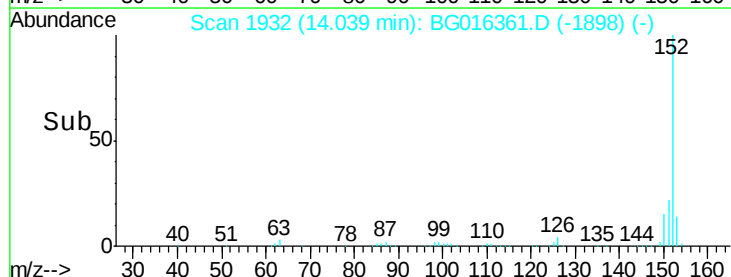
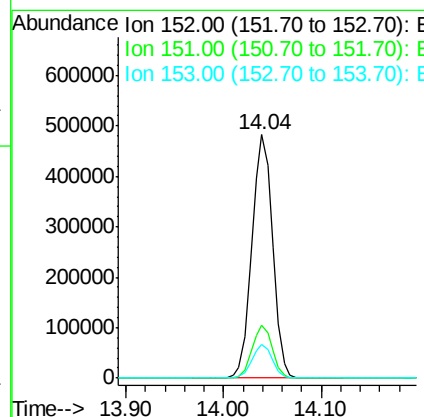
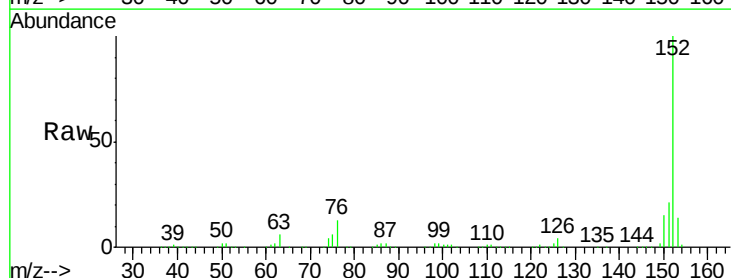
Instrument :
 BNA_G
 ClientSampleId :
 F5-025MS

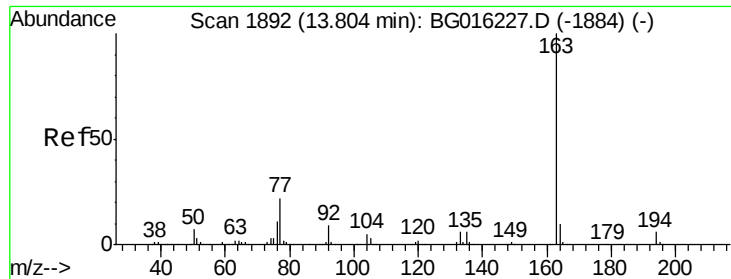
Tgt Ion: 65 Resp: 138213
 Ion Ratio Lower Upper
 65 100
 92 78.2 61.0 91.6
 138 130.3 98.7 148.1



#48
 Acenaphthylene
 Concen: 29.49 ng
 RT: 14.04 min Scan# 1932
 Delta R.T. 0.00 min
 Lab File: BG016361.D
 Acq: 13 Apr 2015 15:32

Tgt Ion: 152 Resp: 717236
 Ion Ratio Lower Upper
 152 100
 151 21.5 16.5 24.7
 153 13.7 11.1 16.7





#49

Dimethylphthalate

Concen: 37.79 ng

RT: 13.78 min Scan# 1888

Delta R.T. 0.00 min

Lab File: BG016361.D

Acq: 13 Apr 2015 15:32

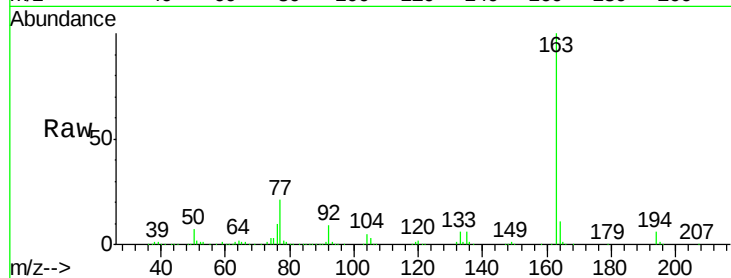
Instrument :

BNA_G

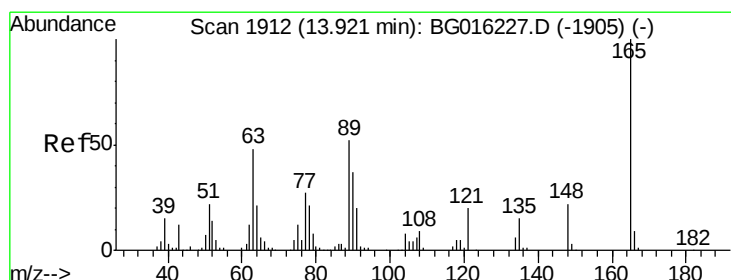
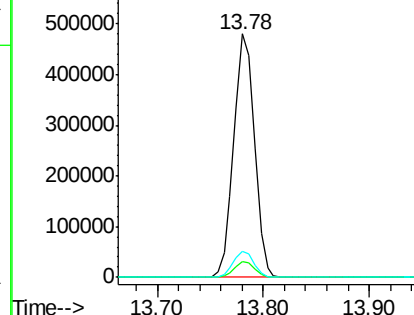
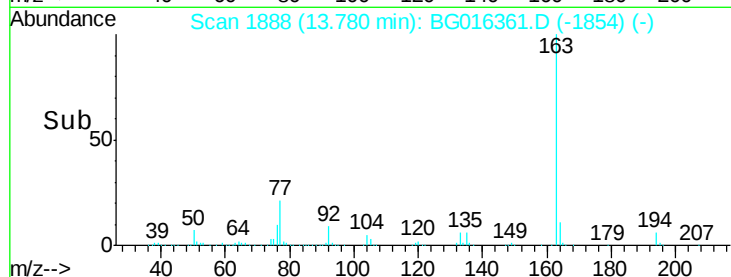
ClientSampleId :

F5-025MS

Tgt Ion:	163	Resp:	648207
Ion	Ratio	Lower	Upper
163	100		
194	6.2	5.0	7.4
164	10.6	8.2	12.4



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



#50

2,6-Dinitrotoluene

Concen: 32.22 ng

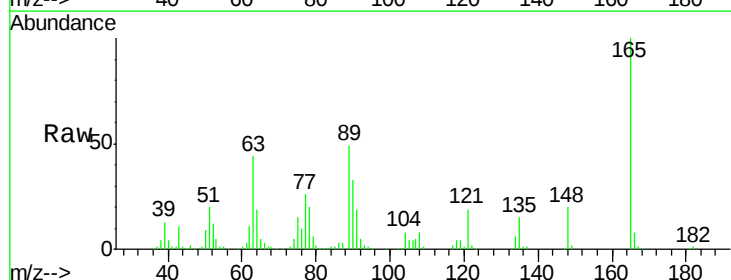
RT: 13.90 min Scan# 1909

Delta R.T. 0.00 min

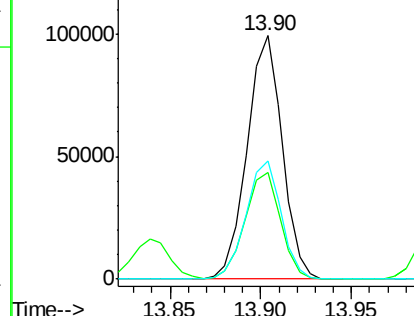
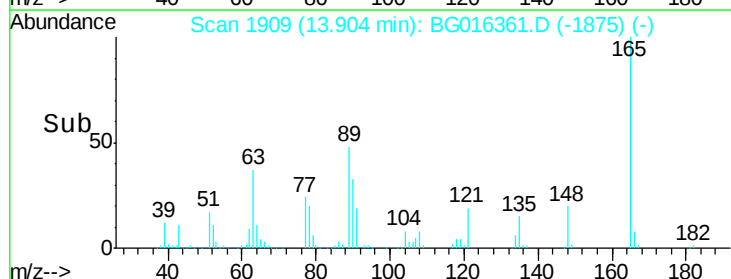
Lab File: BG016361.D

Acq: 13 Apr 2015 15:32

Tgt Ion:	165	Resp:	133662
Ion	Ratio	Lower	Upper
165	100		
63	43.7	39.3	58.9
89	48.6	41.3	61.9



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 30.18 ng

RT: 14.39 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BG016361.D

Acq: 13 Apr 2015 15:32

Instrument :

BNA_G

ClientSampleId :

F5-025MS

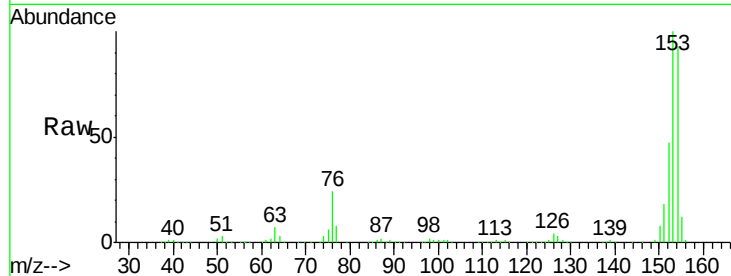
Tgt Ion:154 Resp: 438584

Ion Ratio Lower Upper

154 100

153 107.5 87.5 131.3

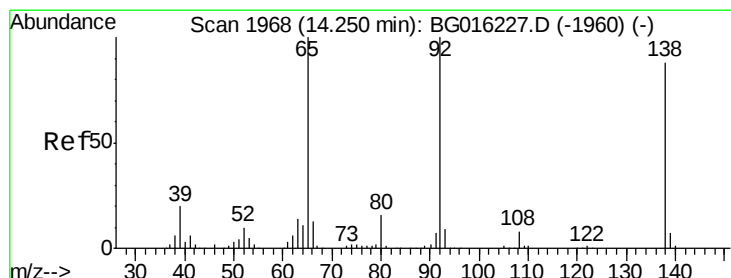
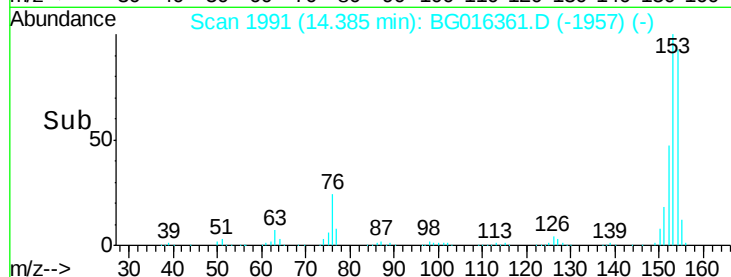
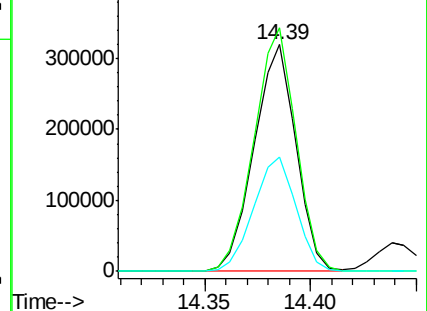
152 50.7 42.1 63.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.72 ng

RT: 14.23 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BG016361.D

Acq: 13 Apr 2015 15:32

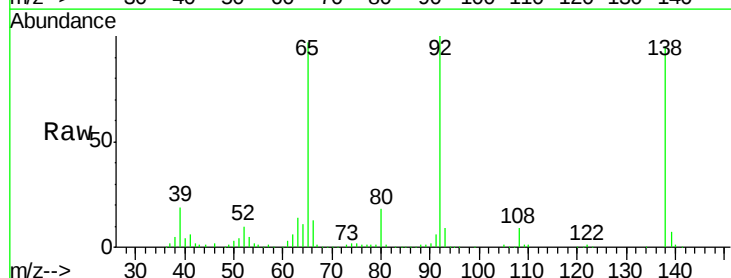
Tgt Ion:138 Resp: 146854

Ion Ratio Lower Upper

138 100

108 9.2 7.4 11.0

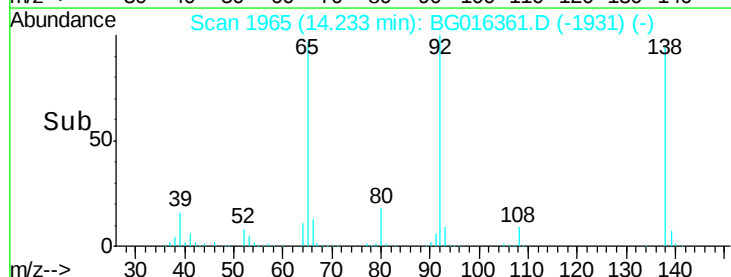
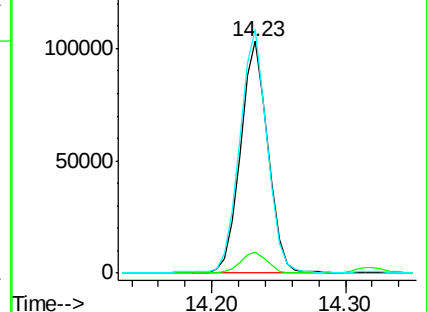
92 105.1 91.4 137.0

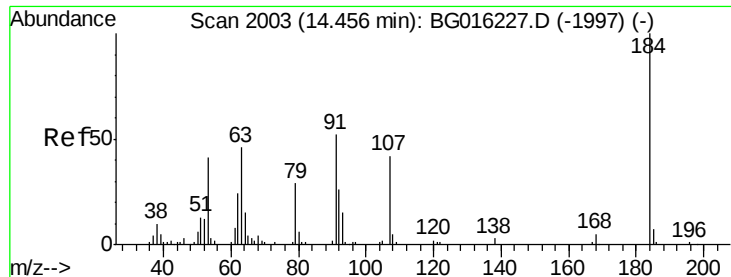


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGO

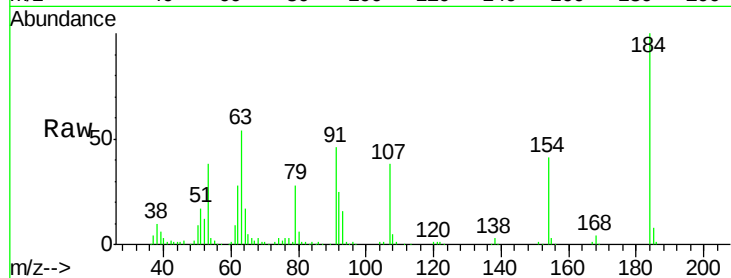




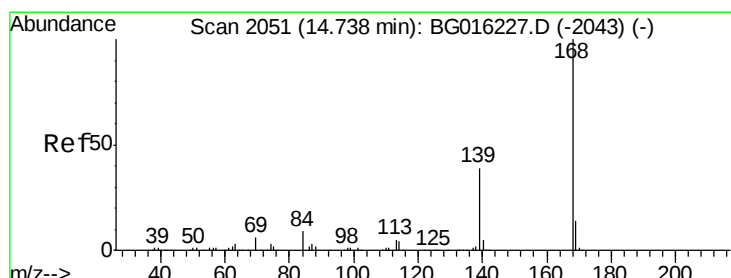
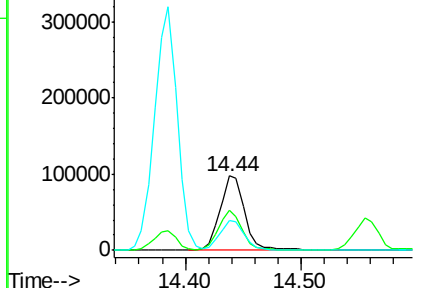
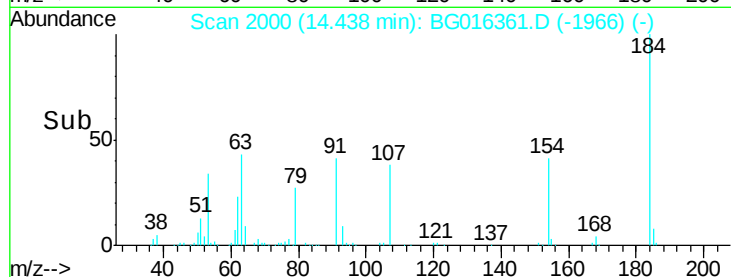
#53
2,4-Dinitrophenol
Concen: 62.52 ng
RT: 14.44 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG016361.D
Acq: 13 Apr 2015 15:32

Instrument :
BNA_G
ClientSampleId :
F5-025MS

Tgt Ion:184 Resp: 145254
Ion Ratio Lower Upper
184 100
63 54.2 45.8 68.6
154 40.7 34.5 51.7

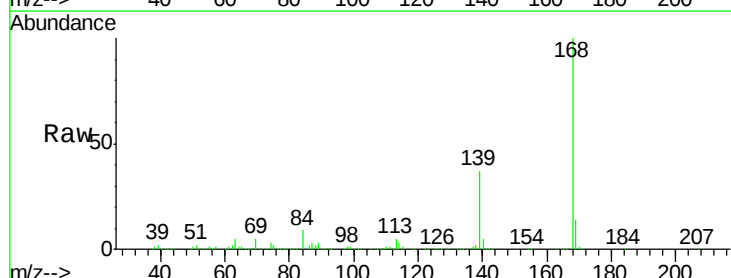


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

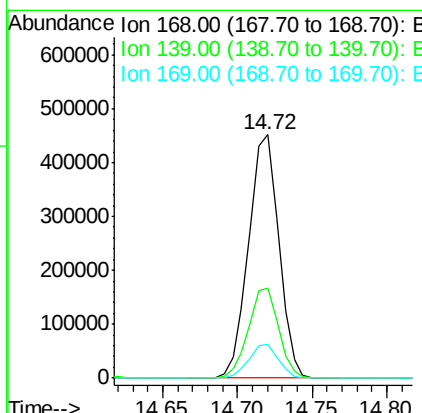
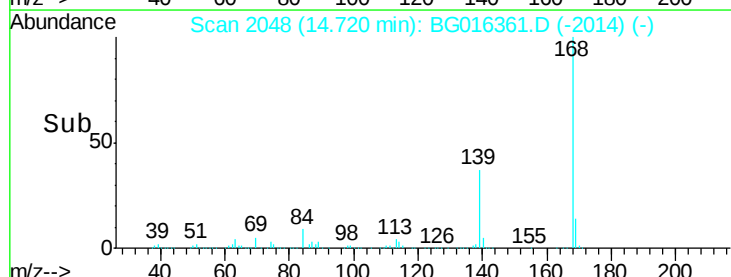


#54
Dibenzofuran
Concen: 31.37 ng
RT: 14.72 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BG016361.D
Acq: 13 Apr 2015 15:32

Tgt Ion:168 Resp: 632648
Ion Ratio Lower Upper
168 100
139 37.0 31.0 46.6
169 13.8 11.2 16.8



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





#55

4-Nitrophenol

Concen: 68.69 ng

RT: 14.56 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BG016361.D

Acq: 13 Apr 2015 15:32

Instrument :

BNA_G

ClientSampleId :

F5-025MS

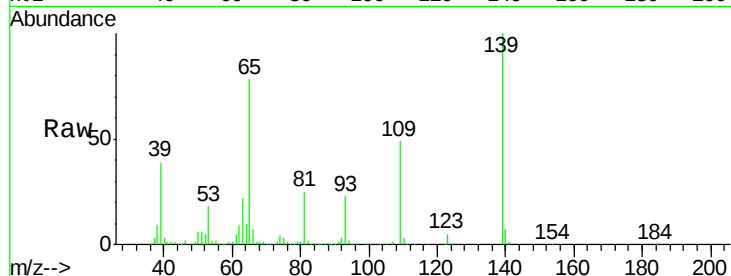
Tgt Ion:139 Resp: 300756

Ion Ratio Lower Upper

139 100

109 48.8 28.5 68.5

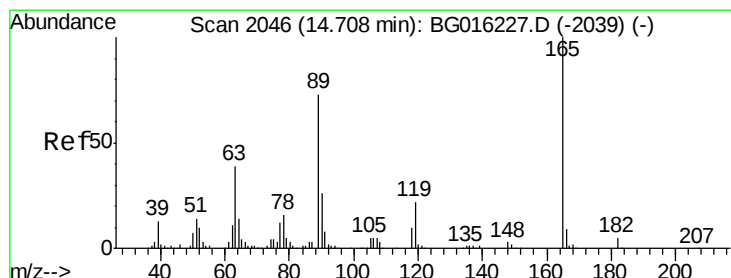
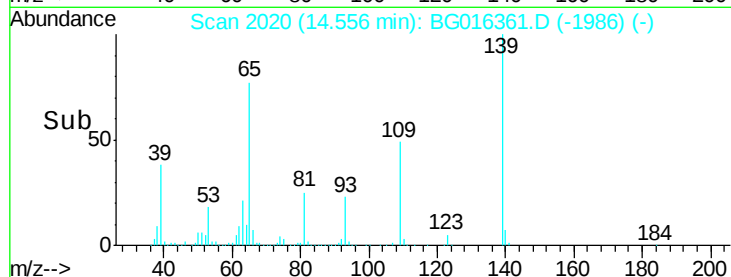
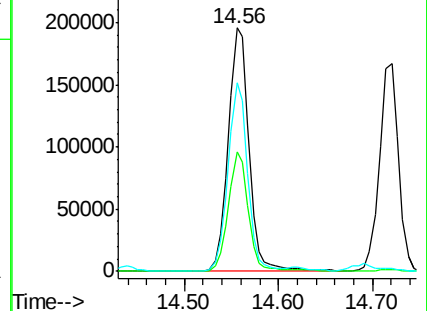
65 77.5 56.9 96.9



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): BGC



#56

2,4-Dinitrotoluene

Concen: 33.51 ng

RT: 14.69 min Scan# 2043

Delta R.T. 0.00 min

Lab File: BG016361.D

Acq: 13 Apr 2015 15:32

Tgt Ion:165 Resp: 189331

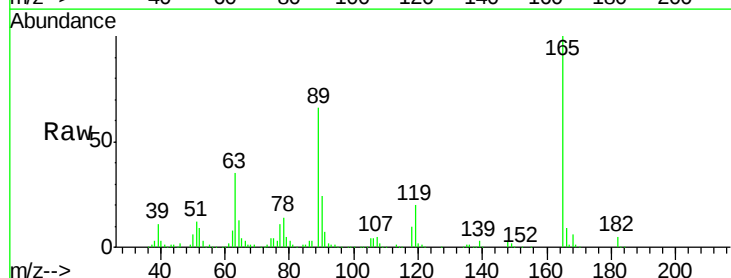
Ion Ratio Lower Upper

165 100

63 35.2 31.4 47.2

89 65.9 58.8 88.2

182 4.7 4.1 6.1

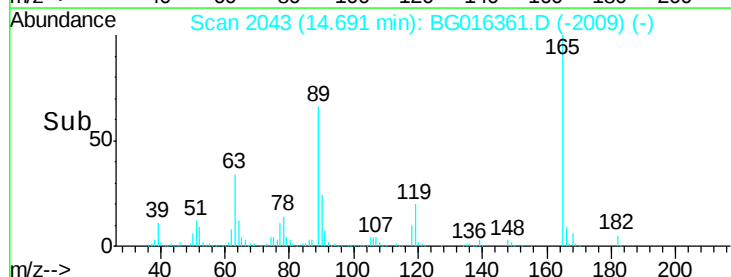
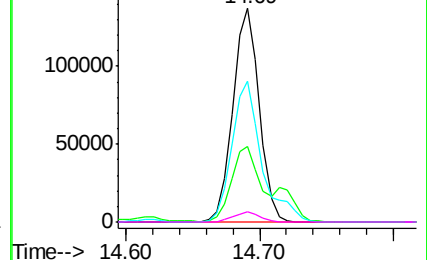


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 31.02 ng

RT: 15.37 min Scan# 2158

Delta R.T. 0.00 min

Lab File: BG016361.D

Acq: 13 Apr 2015 15:32

Instrument :

BNA_G

ClientSampleId :

F5-025MS

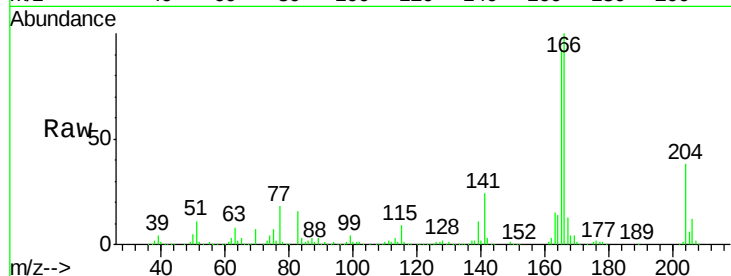
Tgt Ion:166 Resp: 551852

Ion Ratio Lower Upper

166 100

165 91.9 75.2 112.8

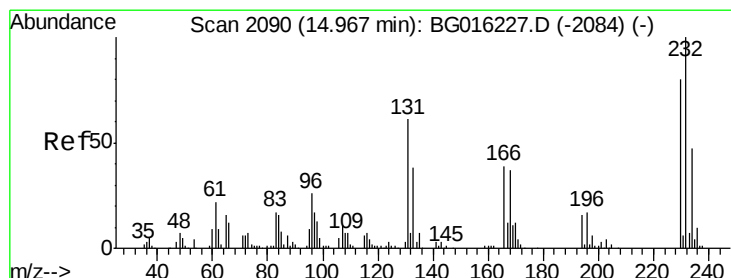
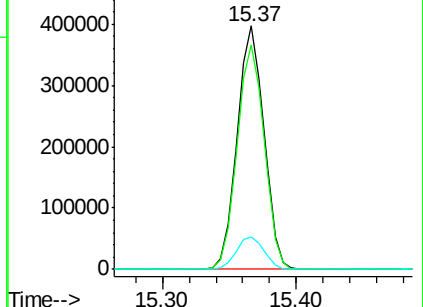
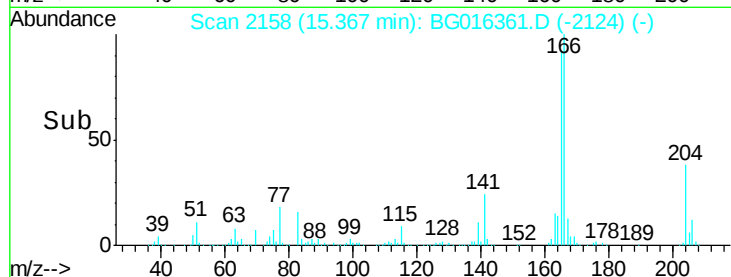
167 13.2 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.32 ng

RT: 14.95 min Scan# 2087

Delta R.T. 0.00 min

Lab File: BG016361.D

Acq: 13 Apr 2015 15:32

Tgt Ion:232 Resp: 114679

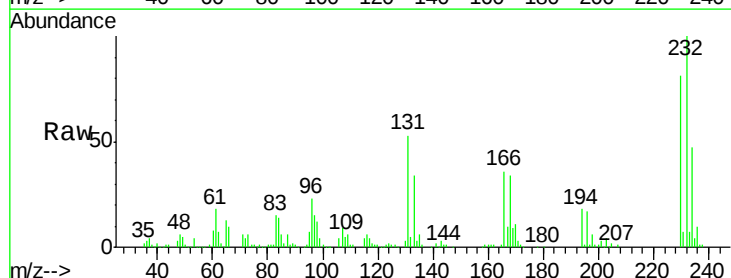
Ion Ratio Lower Upper

232 100

131 55.4 49.8 74.6

130 2.9 2.6 3.8

166 36.4 30.6 45.8

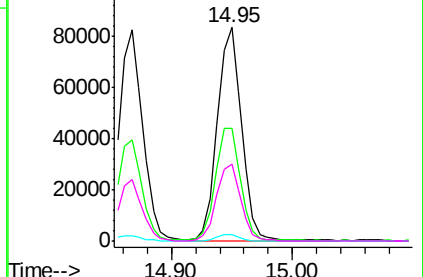
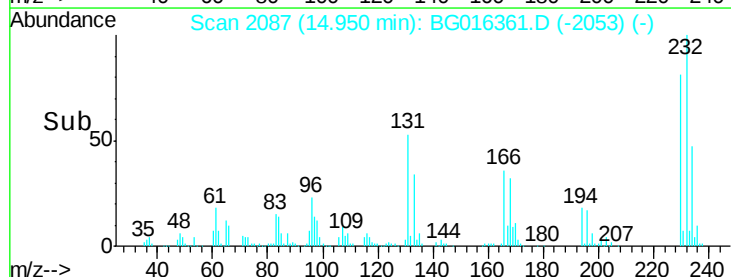


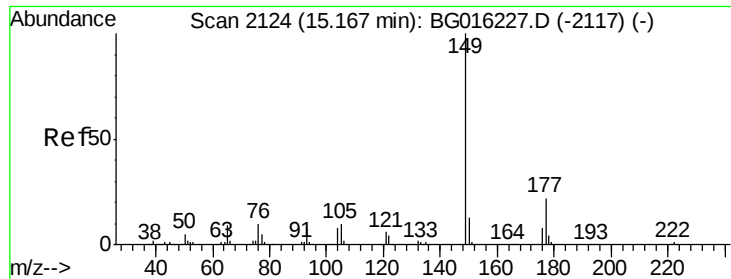
Abundance Ion 232.00 (231.70 to 232.70): E

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

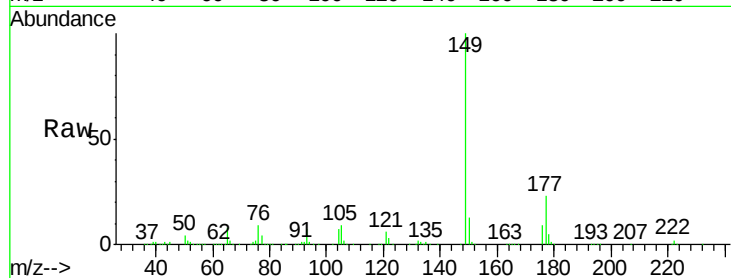




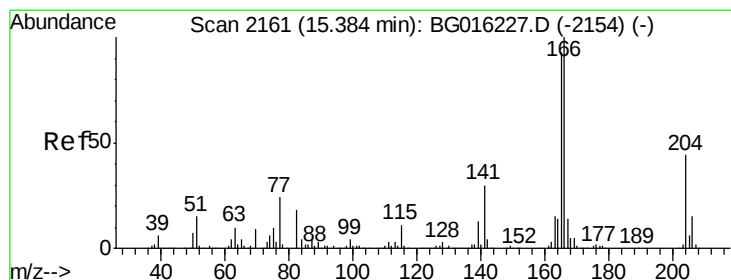
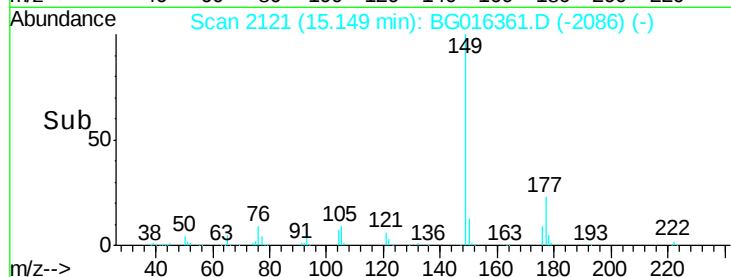
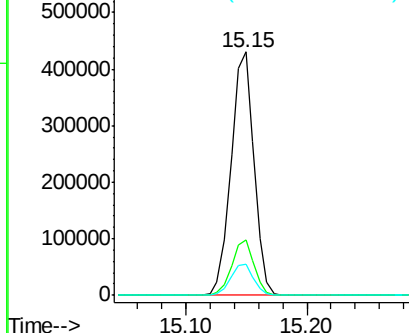
#59
Diethylphthalate
Concen: 31.07 ng
RT: 15.15 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BG016361.D
Acq: 13 Apr 2015 15:32

Instrument :
BNA_G
ClientSampleId :
F5-025MS

Tgt Ion:149 Resp: 567272
Ion Ratio Lower Upper
149 100
177 22.8 17.7 26.5
150 12.5 10.0 15.0

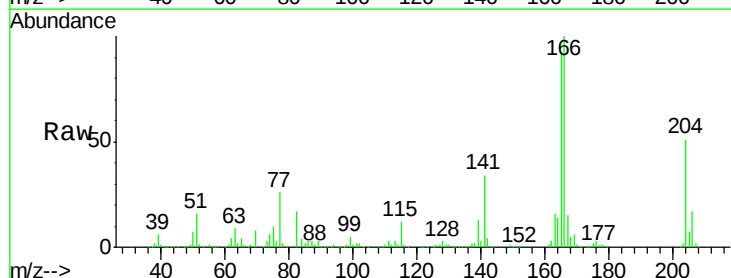


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

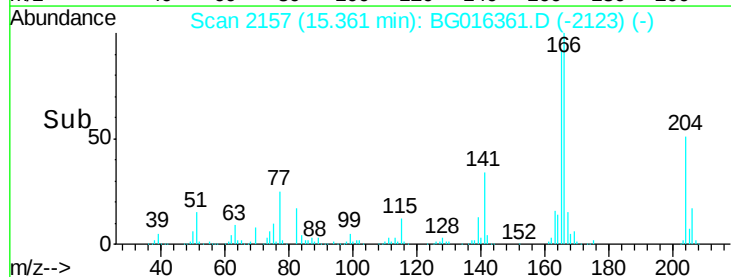
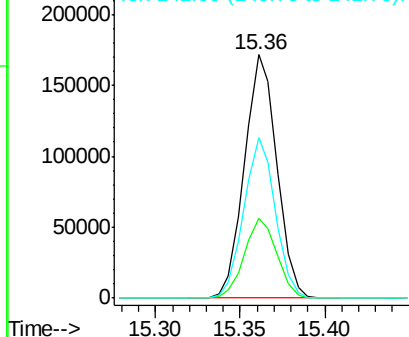


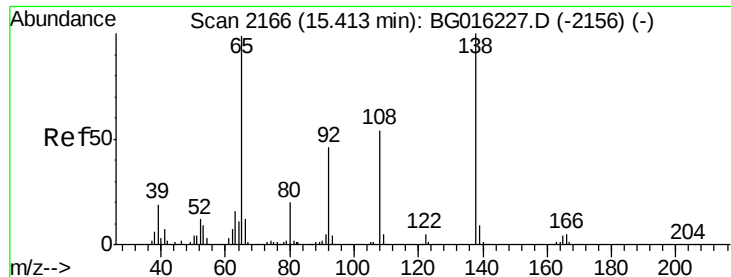
#60
4-Chlorophenyl-phenylether
Concen: 31.45 ng
RT: 15.36 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BG016361.D
Acq: 13 Apr 2015 15:32

Tgt Ion:204 Resp: 228911
Ion Ratio Lower Upper
204 100
206 33.0 27.6 41.4
141 66.0 55.4 83.2



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





#61

4-Nitroaniline

Concen: 31.65 ng

RT: 15.40 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG016361.D

Acq: 13 Apr 2015 15:32

Instrument :

BNA_G

ClientSampleId :

F5-025MS

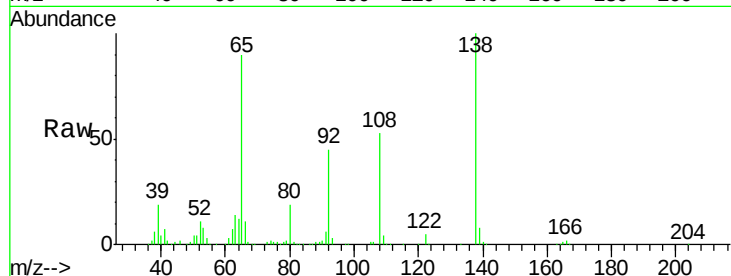
Tgt Ion:138 Resp: 190301

Ion Ratio Lower Upper

138 100

92 45.0 26.3 66.3

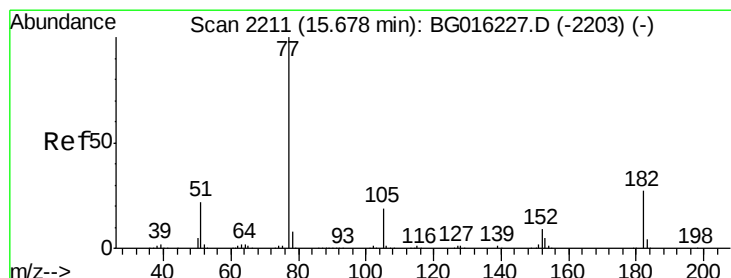
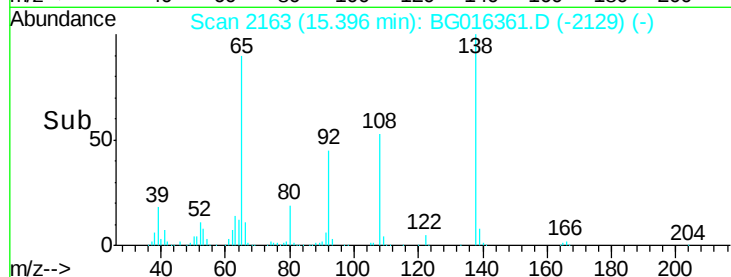
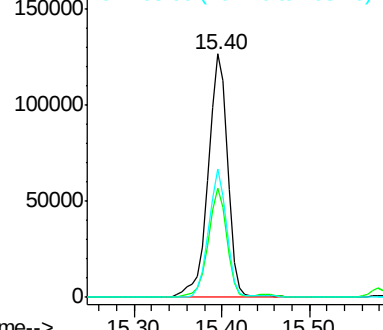
108 53.0 33.6 73.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 35.89 ng

RT: 15.65 min Scan# 2207

Delta R.T. 0.00 min

Lab File: BG016361.D

Acq: 13 Apr 2015 15:32

Tgt Ion: 77 Resp: 697480

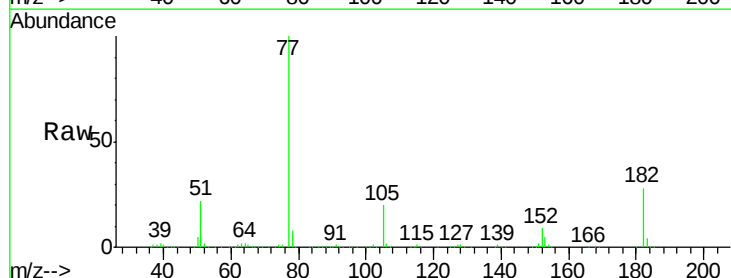
Ion Ratio Lower Upper

77 100

182 28.5 6.6 46.6

105 20.3 0.0 39.2

51 21.7 2.0 42.0

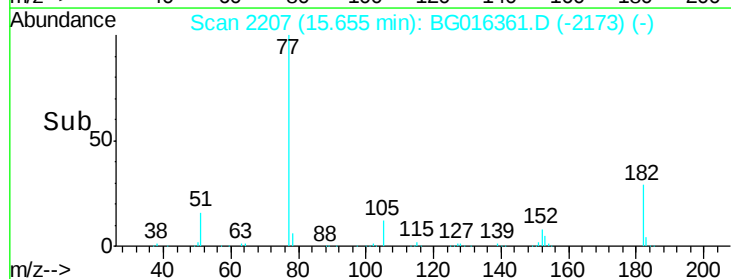
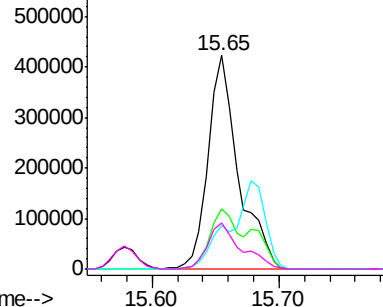


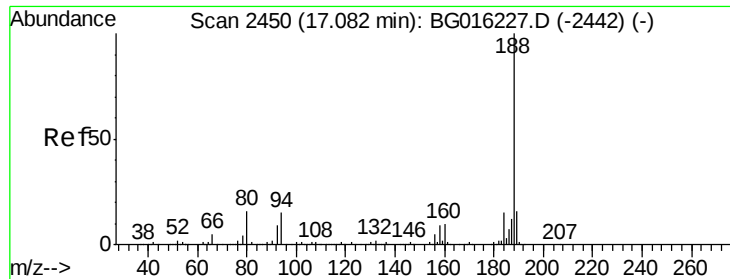
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

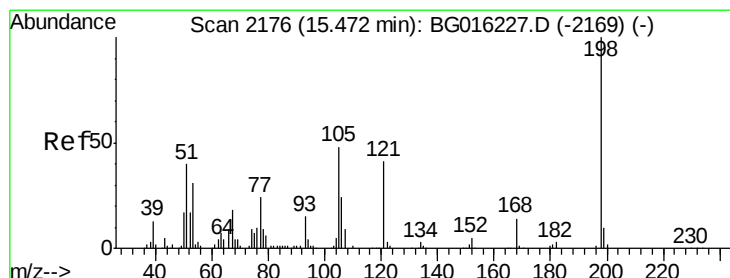
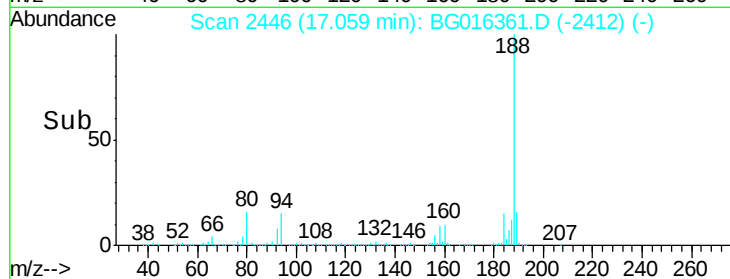
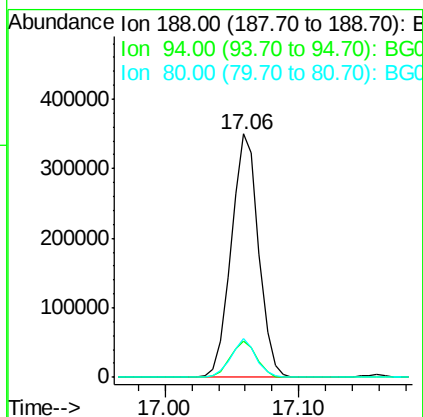
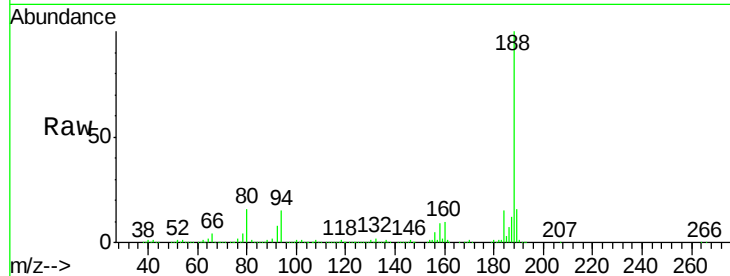




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.06 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BG016361.D
Acq: 13 Apr 2015 15:32

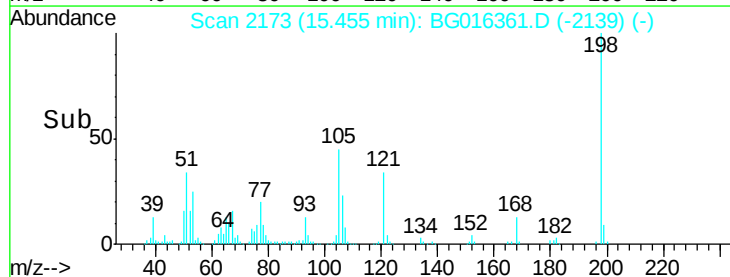
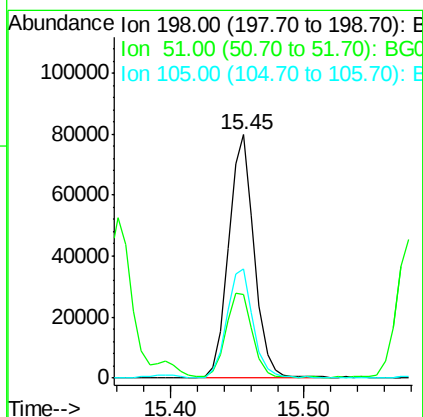
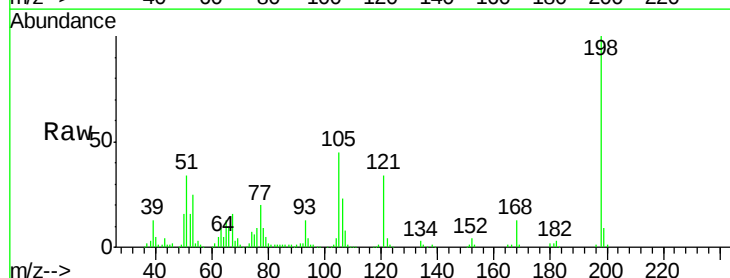
Instrument :
BNA_G
ClientSampleId :
F5-025MS

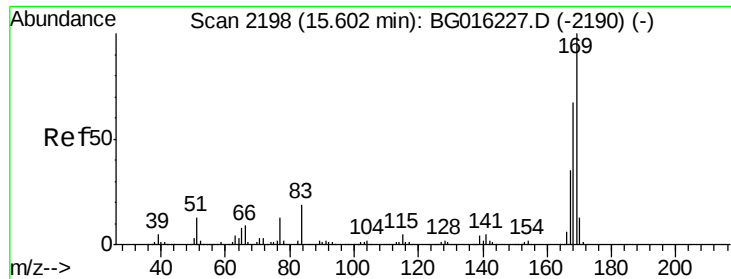
Tgt Ion:188 Resp: 499031
Ion Ratio Lower Upper
188 100
94 15.1 12.2 18.4
80 15.8 12.8 19.2



#64
4,6-Dinitro-2-methylphenol
Concen: 31.83 ng
RT: 15.45 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BG016361.D
Acq: 13 Apr 2015 15:32

Tgt Ion:198 Resp: 106781
Ion Ratio Lower Upper
198 100
51 34.3 20.7 60.7
105 44.7 28.8 68.8

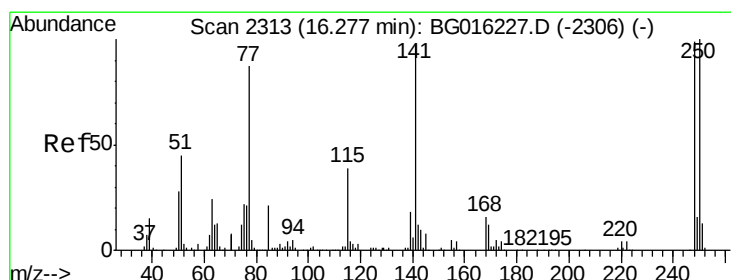
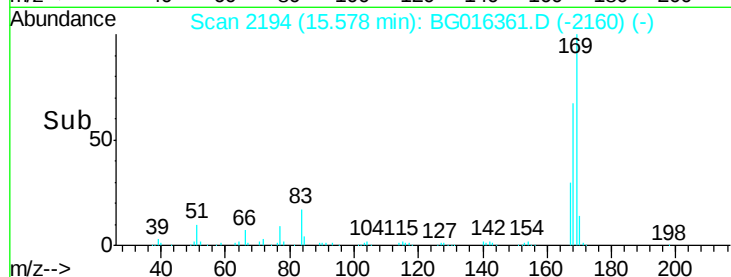
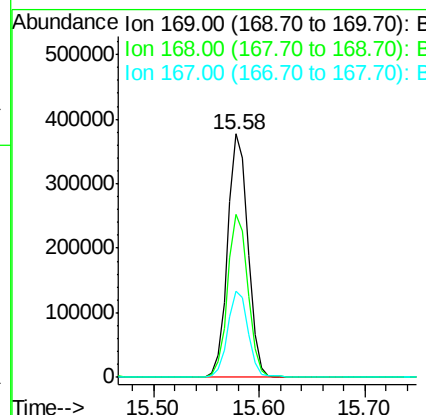
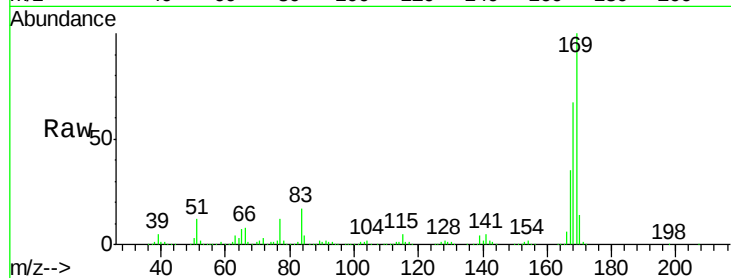




#65
 n-Nitrosodiphenylamine
 Concen: 29.78 ng
 RT: 15.58 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: BG016361.D
 Acq: 13 Apr 2015 15:32

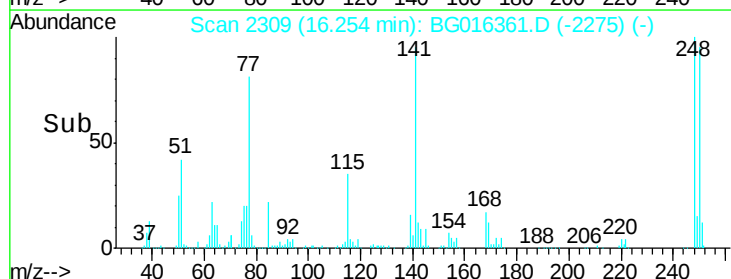
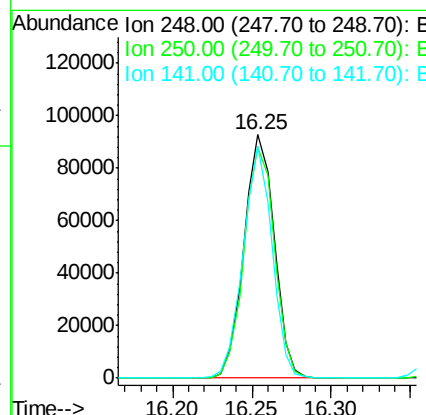
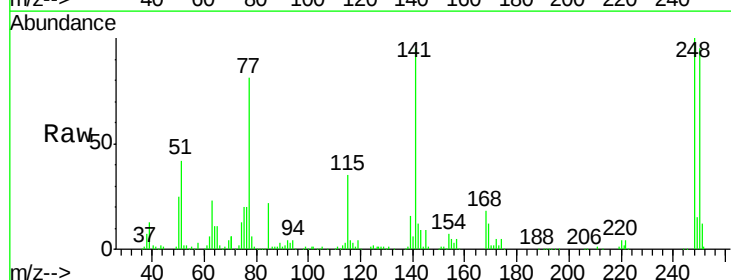
Instrument :
 BNA_G
 ClientSampleId :
 F5-025MS

Tgt Ion:169 Resp: 502390
 Ion Ratio Lower Upper
 169 100
 168 66.9 53.4 80.0
 167 35.5 28.3 42.5



#66
 4-Bromophenyl-phenylether
 Concen: 30.92 ng
 RT: 16.25 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: BG016361.D
 Acq: 13 Apr 2015 15:32

Tgt Ion:248 Resp: 123206
 Ion Ratio Lower Upper
 248 100
 250 94.9 80.5 120.7
 141 95.4 78.2 117.4

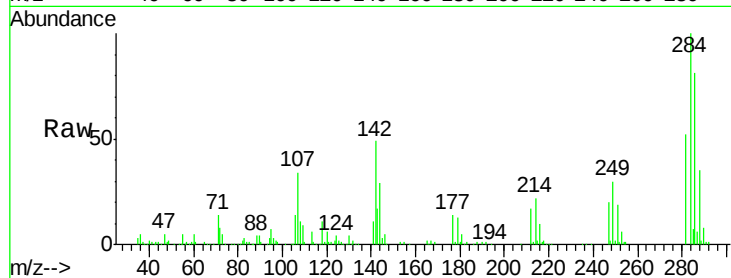




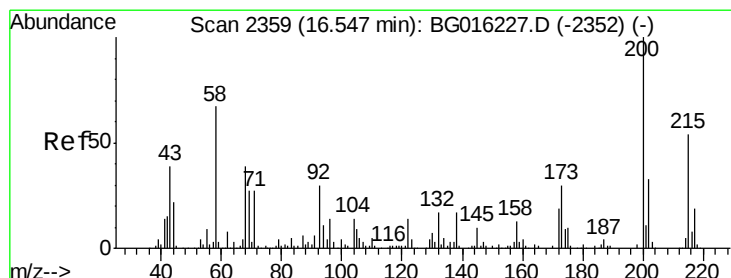
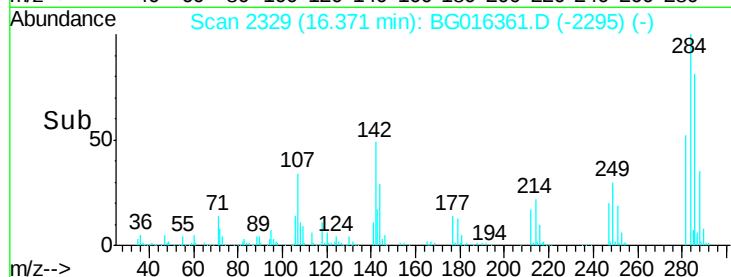
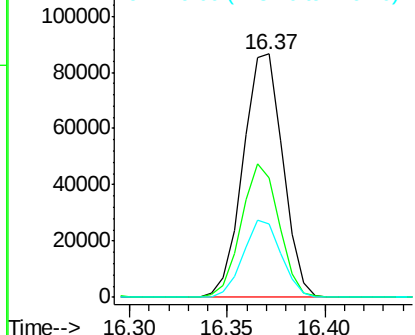
#67
Hexachlorobenzene
Concen: 29.45 ng
RT: 16.37 min Scan# 2329
Delta R.T. 0.00 min
Lab File: BG016361.D
Acq: 13 Apr 2015 15:32

Instrument :
BNA_G
ClientSampled :
F5-025MS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	49.3	44.2	66.2
249	30.3	24.8	37.2

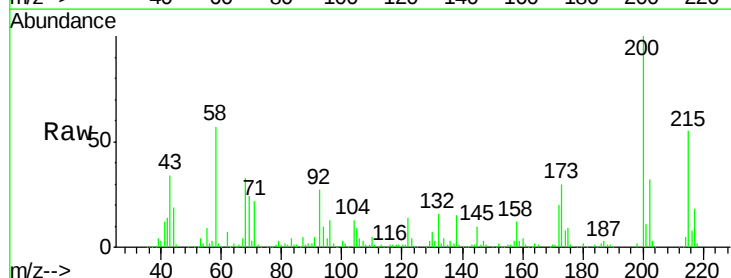


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

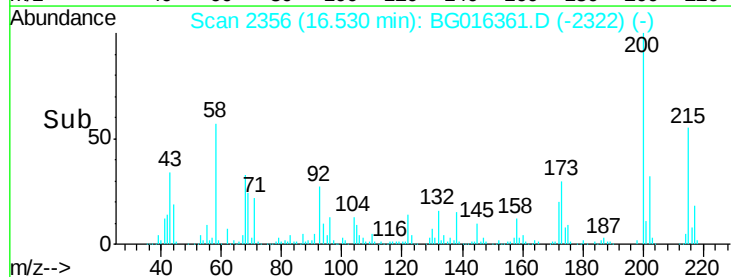
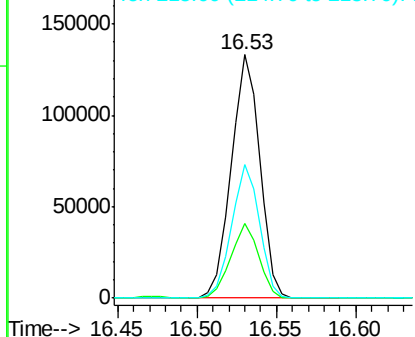


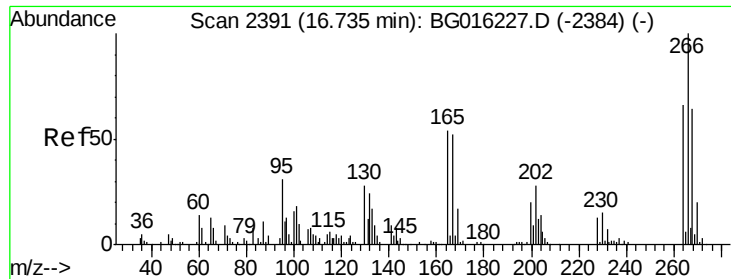
#68
Atrazine
Concen: 35.23 ng
RT: 16.53 min Scan# 2356
Delta R.T. 0.00 min
Lab File: BG016361.D
Acq: 13 Apr 2015 15:32

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.5	10.2	50.2
215	54.9	34.4	74.4



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

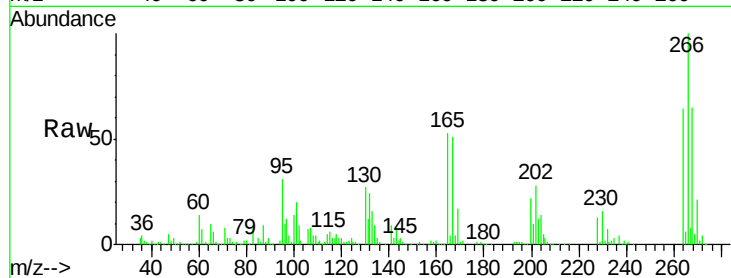




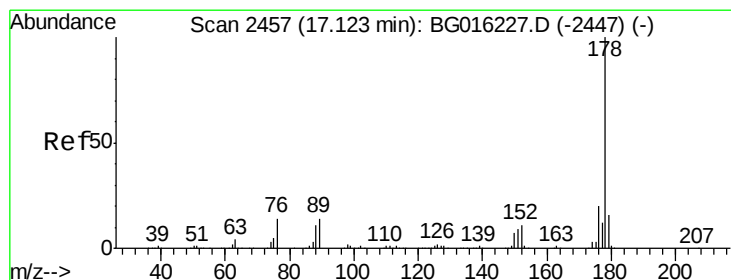
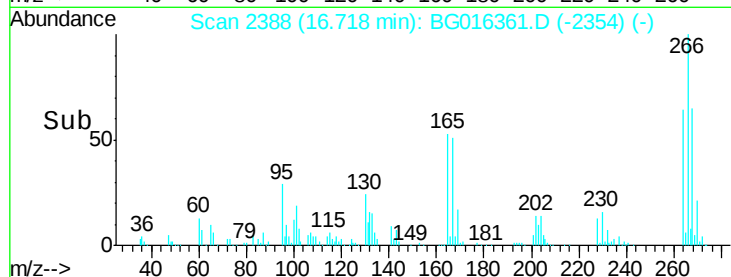
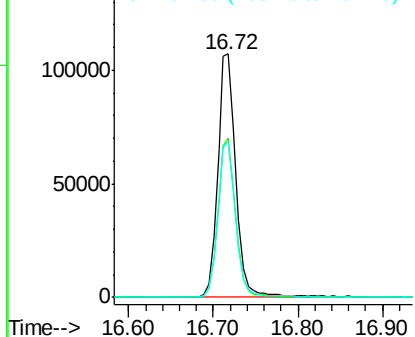
#69
 Pentachlorophenol
 Concen: 63.66 ng
 RT: 16.72 min Scan# 2388
 Delta R.T. 0.00 min
 Lab File: BG016361.D
 Acq: 13 Apr 2015 15:32

Instrument :
 BNA_G
 ClientSampleId :
 F5-025MS

Tgt Ion:266 Resp: 160972
 Ion Ratio Lower Upper
 266 100
 268 65.2 50.9 76.3
 264 63.9 52.8 79.2

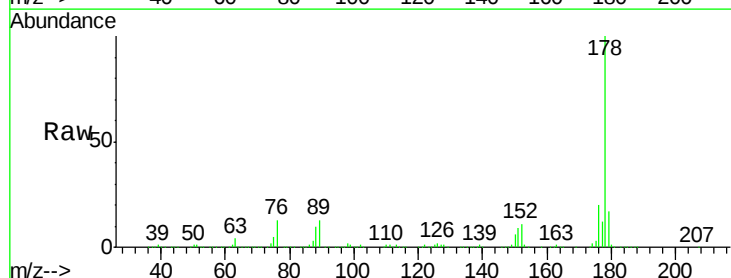


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

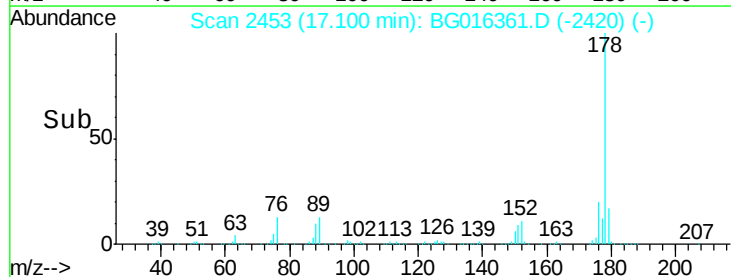
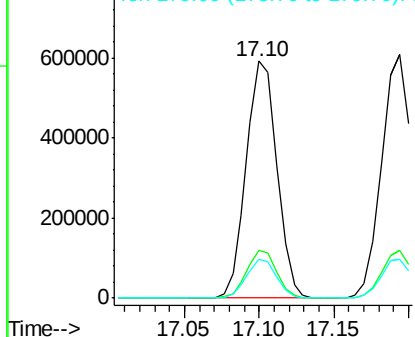


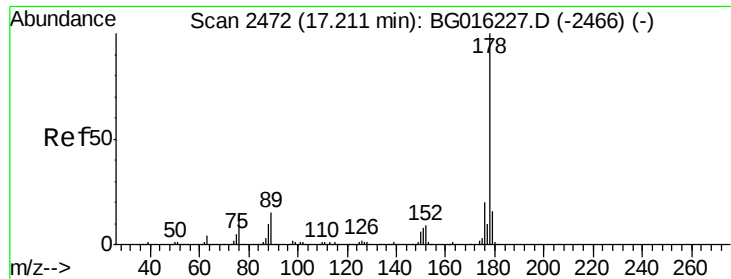
#70
 Phenanthrene
 Concen: 29.99 ng
 RT: 17.10 min Scan# 2453
 Delta R.T. -0.01 min
 Lab File: BG016361.D
 Acq: 13 Apr 2015 15:32

Tgt Ion:178 Resp: 841654
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.2 24.4
 179 16.6 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 30.22 ng

RT: 17.19 min Scan# 2469

Delta R.T. 0.00 min

Lab File: BG016361.D

Acq: 13 Apr 2015 15:32

Instrument :

BNA_G

ClientSampleId :

F5-025MS

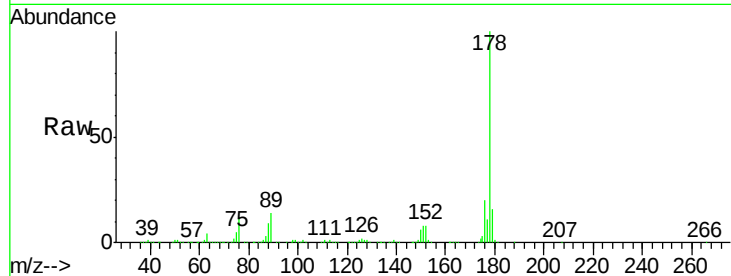
Tgt Ion:178 Resp: 840551

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

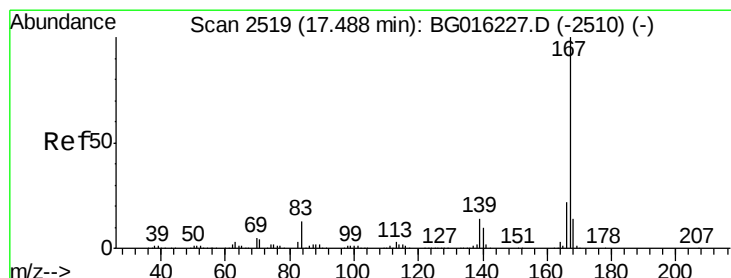
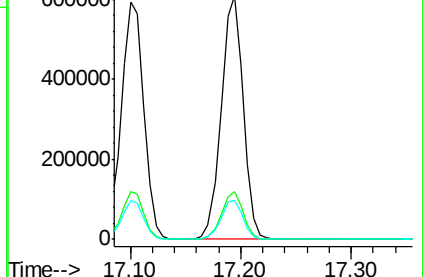
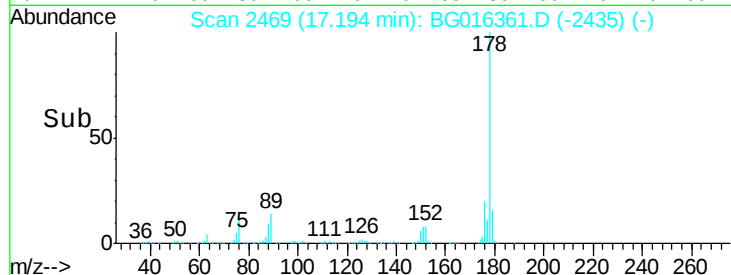
179 16.1 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 32.02 ng

RT: 17.46 min Scan# 2515

Delta R.T. 0.00 min

Lab File: BG016361.D

Acq: 13 Apr 2015 15:32

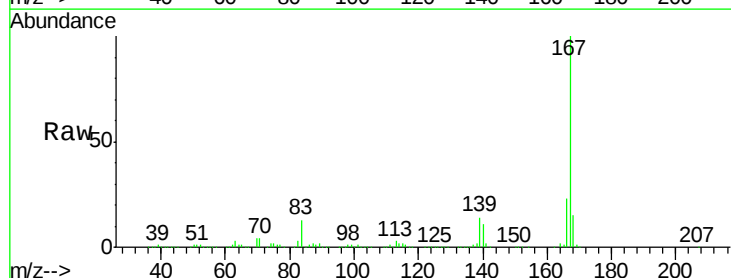
Tgt Ion:167 Resp: 893758

Ion Ratio Lower Upper

167 100

166 22.8 17.9 26.9

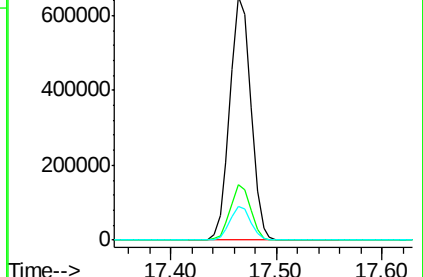
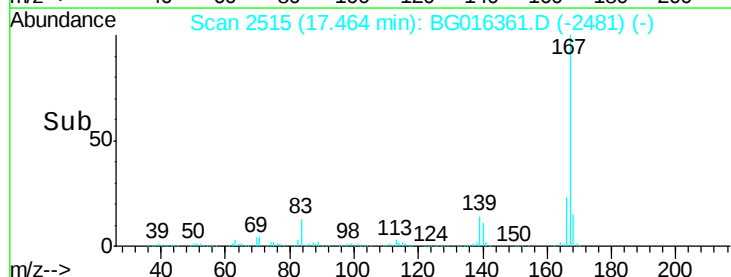
139 13.9 11.5 17.3

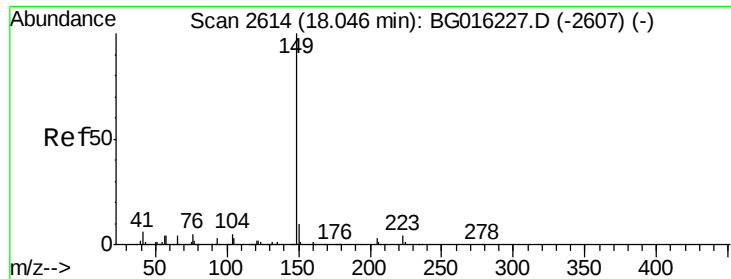


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 30.76 ng

RT: 18.03 min Scan# 2611

Delta R.T. 0.00 min

Lab File: BG016361.D

Acq: 13 Apr 2015 15:32

Instrument :

BNA_G

ClientSampleId :

F5-025MS

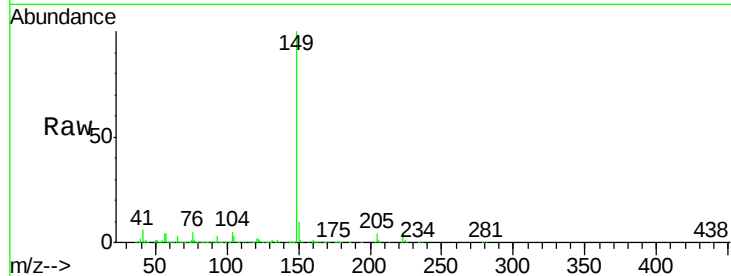
Tgt Ion:149 Resp: 1050883

Ion Ratio Lower Upper

149 100

150 10.4 8.2 12.4

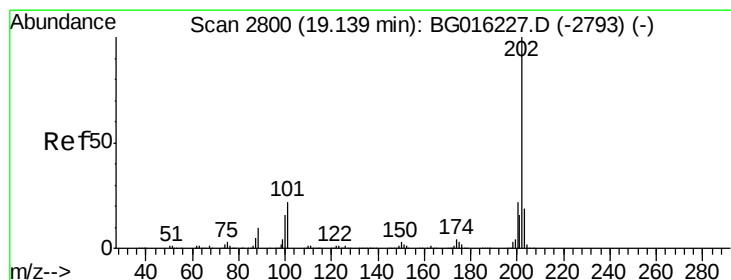
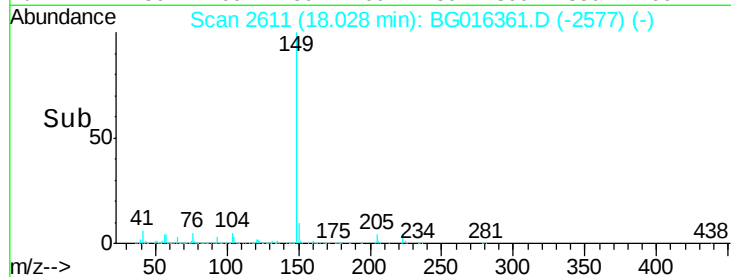
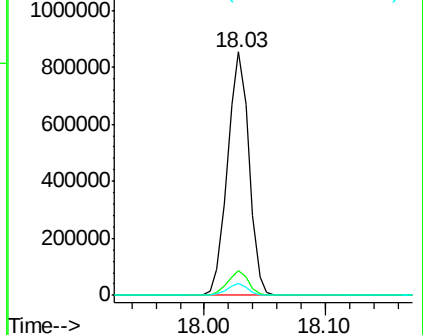
104 5.0 4.0 6.0



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



#74

Fluoranthene

Concen: 31.64 ng

RT: 19.12 min Scan# 2797

Delta R.T. 0.00 min

Lab File: BG016361.D

Acq: 13 Apr 2015 15:32

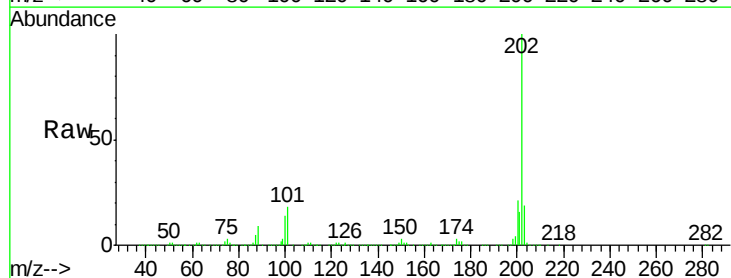
Tgt Ion:202 Resp: 915225

Ion Ratio Lower Upper

202 100

101 18.4 1.7 41.7

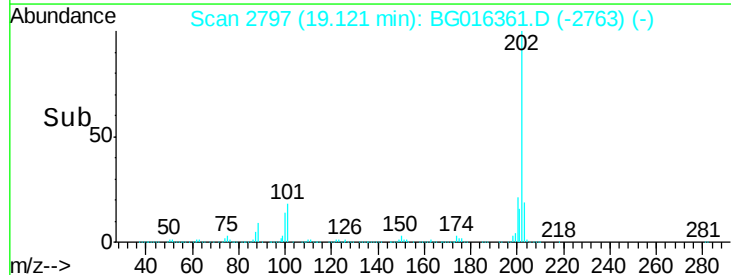
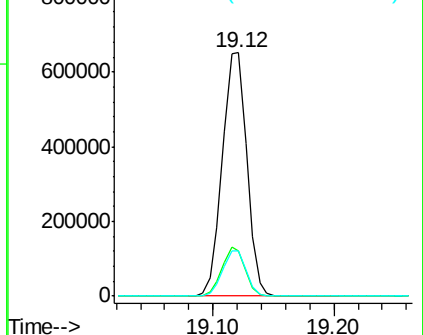
203 18.6 0.0 38.7

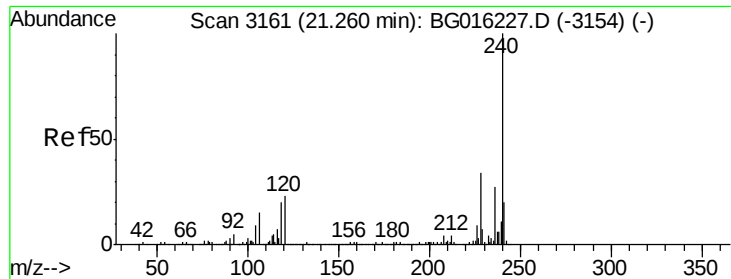


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

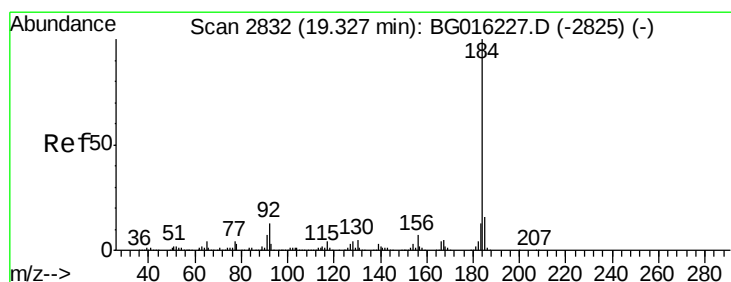
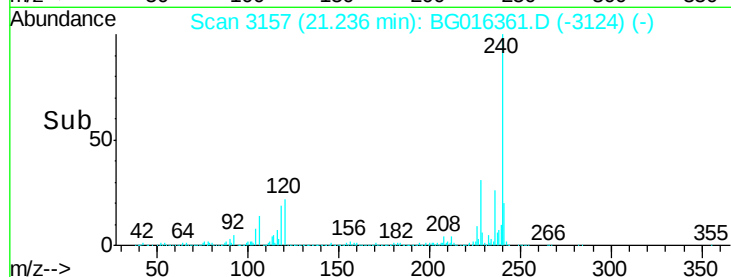
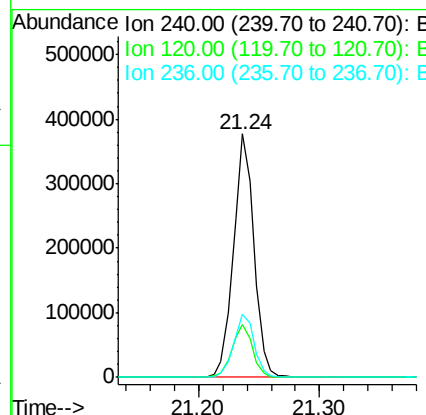
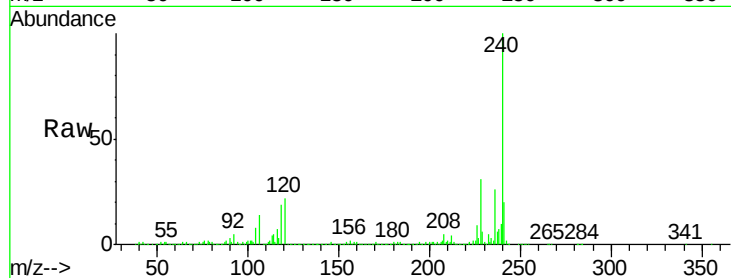




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.24 min Scan# 3157
Delta R.T. -0.01 min
Lab File: BG016361.D
Acq: 13 Apr 2015 15:32

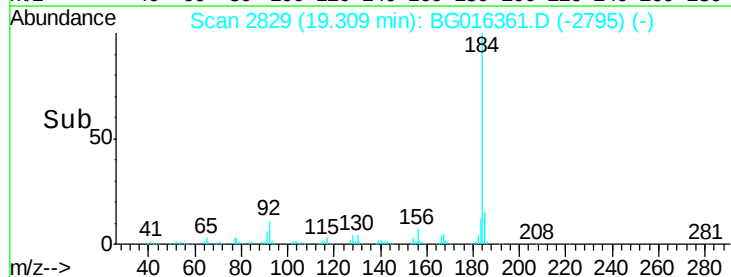
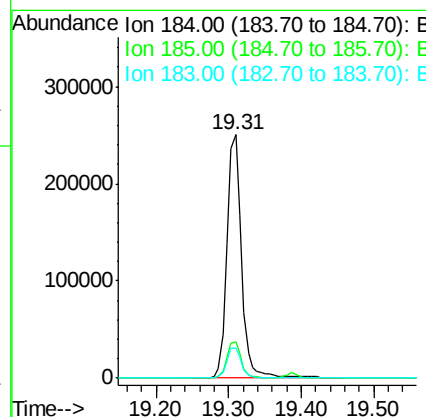
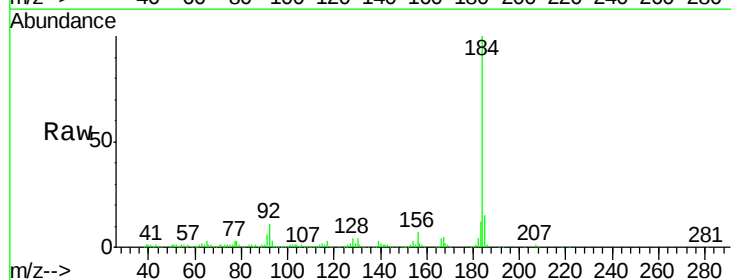
Instrument :
BNA_G
ClientSampleId :
F5-025MS

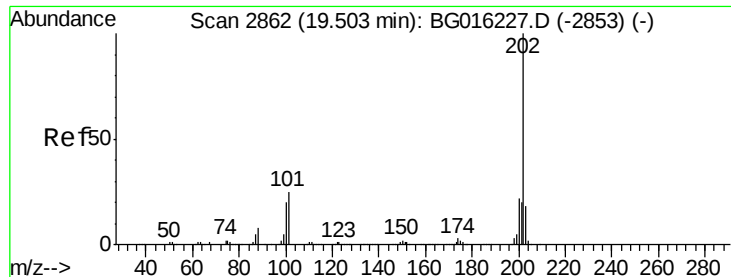
Tgt Ion:240 Resp: 443702
Ion Ratio Lower Upper
240 100
120 21.6 18.6 28.0
236 26.0 21.7 32.5



#76
Benzidine
Concen: 18.76 ng
RT: 19.31 min Scan# 2829
Delta R.T. 0.00 min
Lab File: BG016361.D
Acq: 13 Apr 2015 15:32

Tgt Ion:184 Resp: 353080
Ion Ratio Lower Upper
184 100
185 14.7 12.6 19.0
183 12.2 10.4 15.6

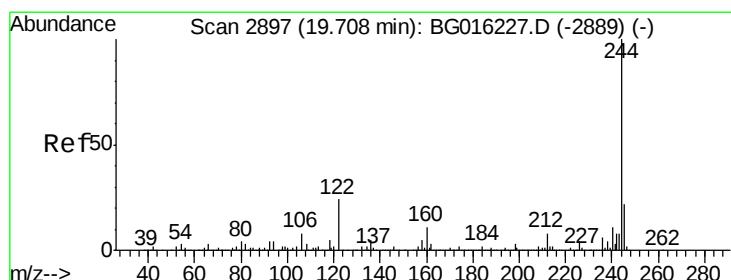
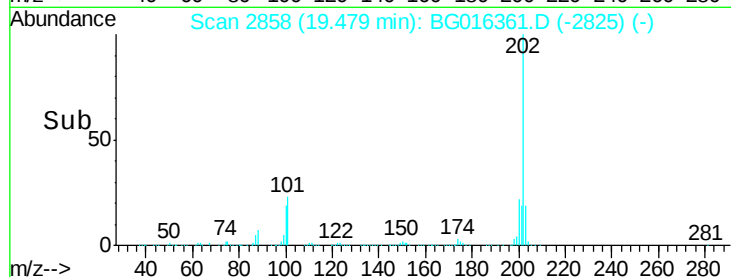
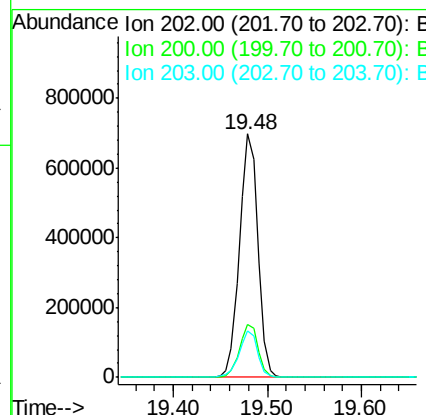
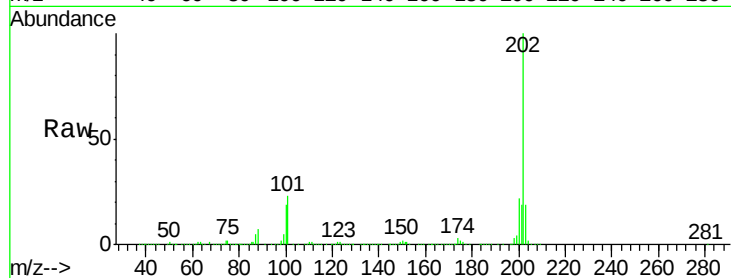




#77
 Pyrene
 Concen: 30.76 ng
 RT: 19.48 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG016361.D
 Acq: 13 Apr 2015 15:32

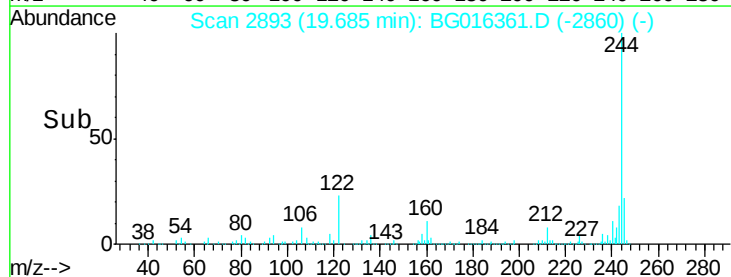
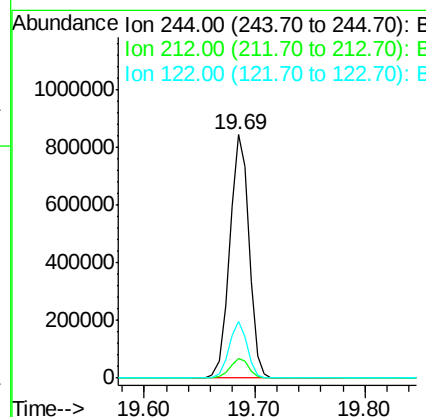
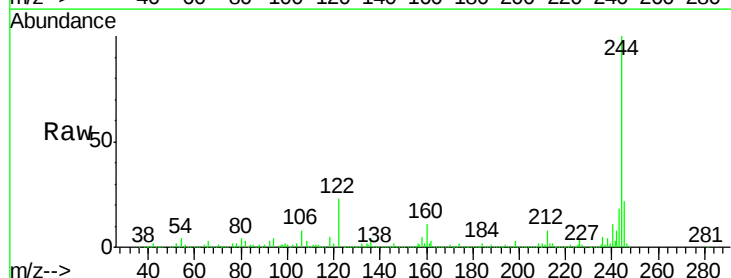
Instrument :
 BNA_G
 ClientSampleId :
 F5-025MS

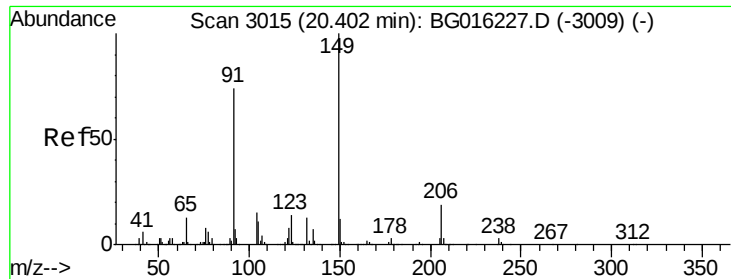
Tgt Ion:202 Resp: 950469
 Ion Ratio Lower Upper
 202 100
 200 22.0 17.8 26.8
 203 18.9 14.7 22.1



#78
 Terphenyl-d14
 Concen: 54.51 ng
 RT: 19.69 min Scan# 2893
 Delta R.T. -0.01 min
 Lab File: BG016361.D
 Acq: 13 Apr 2015 15:32

Tgt Ion:244 Resp: 1033468
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.6 9.8
 122 23.1 19.1 28.7

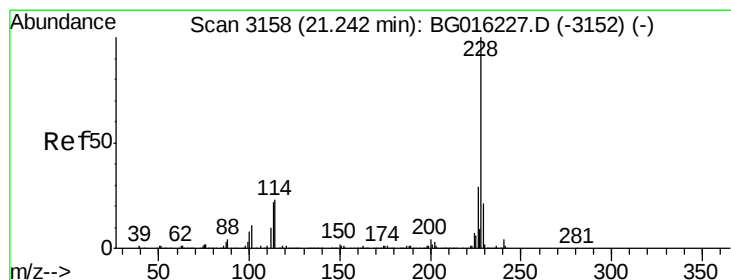
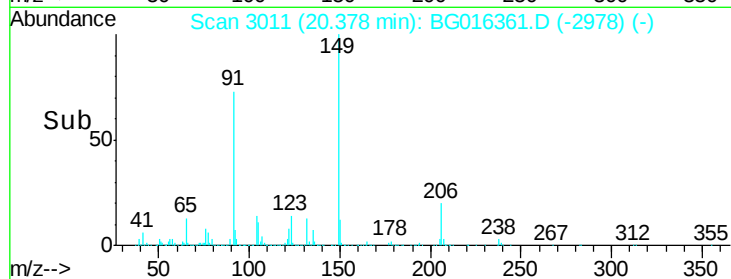
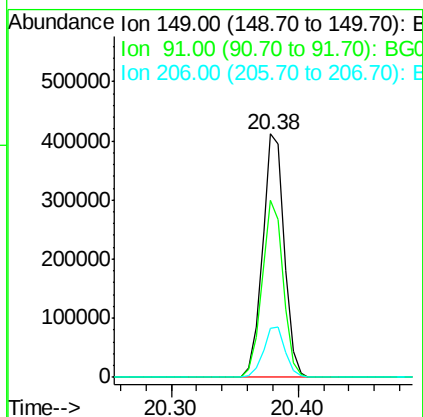
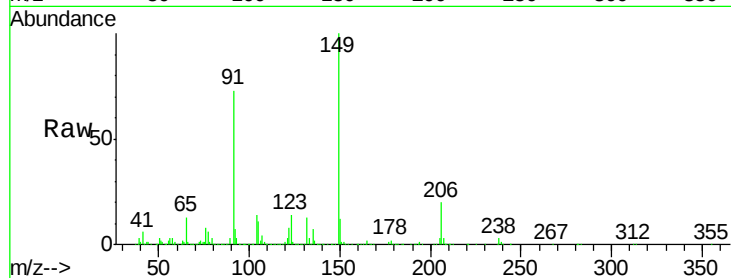




#79
Butylbenzylphthalate
Concen: 32.38 ng
RT: 20.38 min Scan# 3011
Delta R.T. -0.01 min
Lab File: BG016361.D
Acq: 13 Apr 2015 15:32

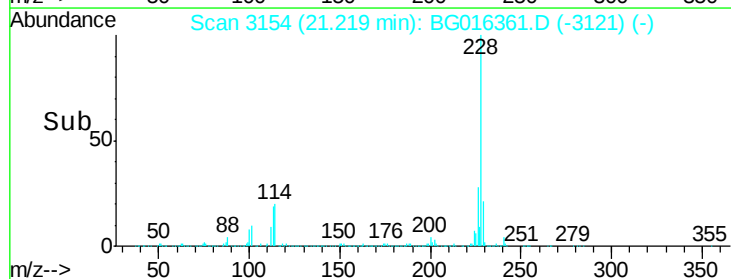
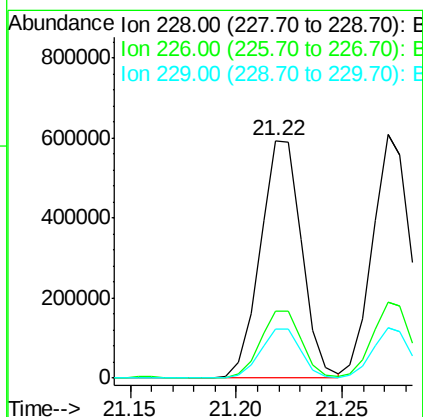
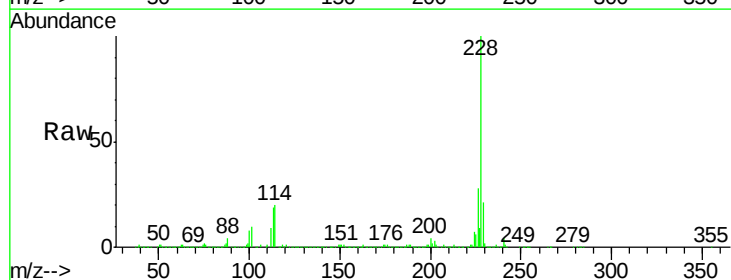
Instrument :
BNA_G
ClientSampleId :
F5-025MS

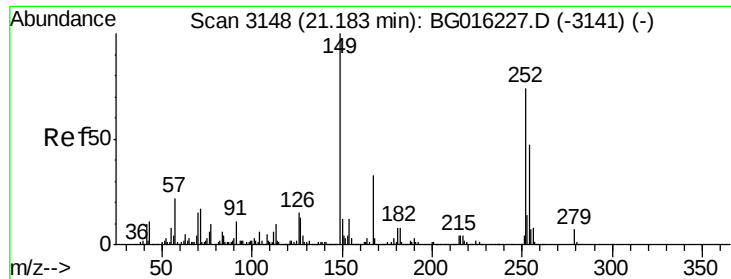
Tgt Ion:149 Resp: 491488
Ion Ratio Lower Upper
149 100
91 72.6 59.4 89.2
206 20.2 15.6 23.4



#80
Benzo(a)anthracene
Concen: 30.69 ng
RT: 21.22 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BG016361.D
Acq: 13 Apr 2015 15:32

Tgt Ion:228 Resp: 804787
Ion Ratio Lower Upper
228 100
226 28.4 23.5 35.3
229 20.7 16.8 25.2

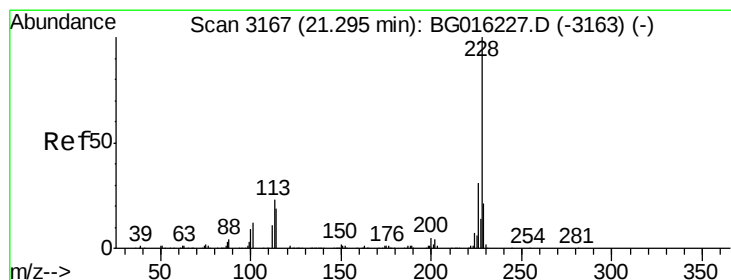
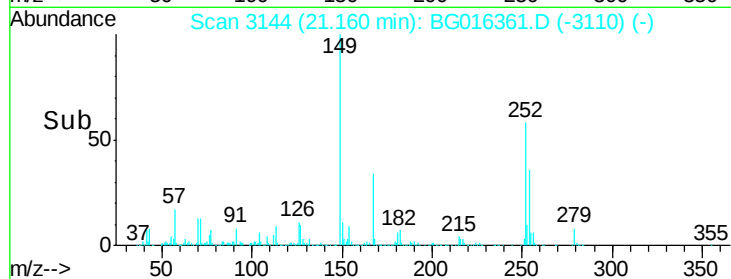
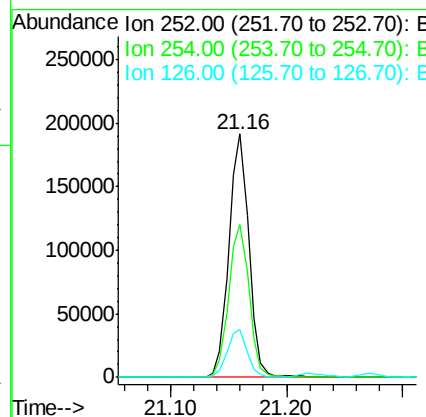
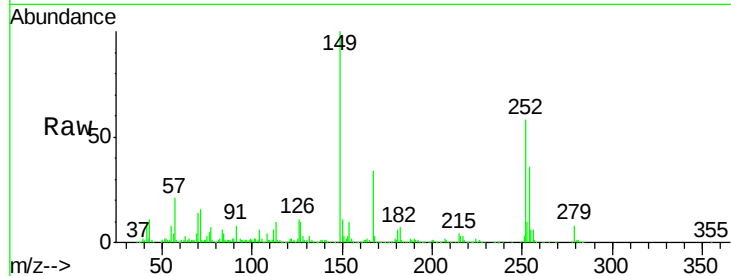




#81
 3,3'-Dichlorobenzidine
 Concen: 26.68 ng
 RT: 21.16 min Scan# 3144
 Delta R.T. 0.00 min
 Lab File: BG016361.D
 Acq: 13 Apr 2015 15:32

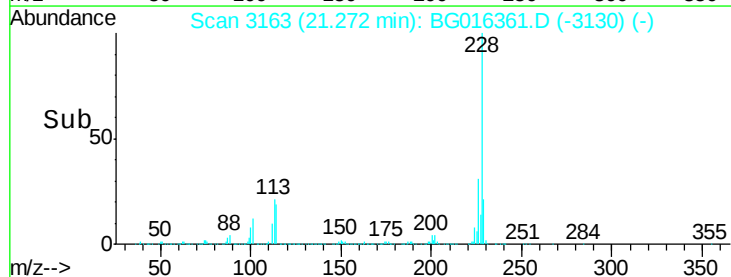
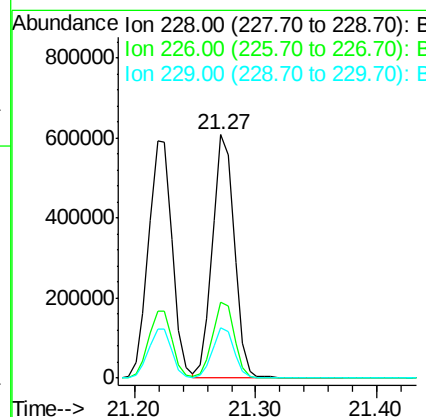
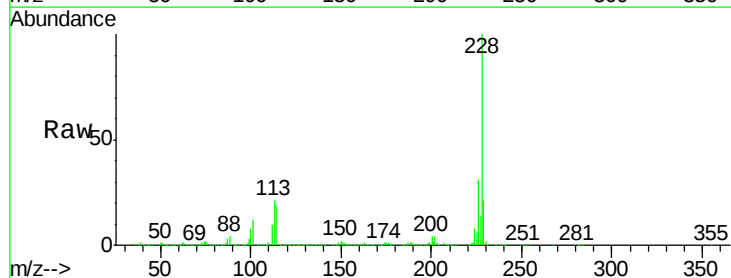
Instrument :
 BNA_G
 ClientSampleId :
 F5-025MS

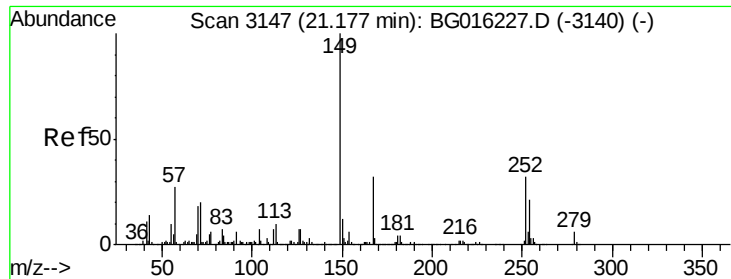
Tgt Ion:252 Resp: 230084
 Ion Ratio Lower Upper
 252 100
 254 62.5 50.8 76.2
 126 19.6 16.0 24.0



#82
 Chrysene
 Concen: 29.95 ng
 RT: 21.27 min Scan# 3163
 Delta R.T. -0.01 min
 Lab File: BG016361.D
 Acq: 13 Apr 2015 15:32

Tgt Ion:228 Resp: 758287
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.0 37.4
 229 20.8 17.0 25.4

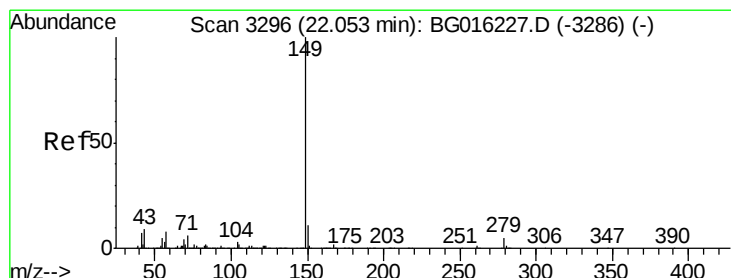
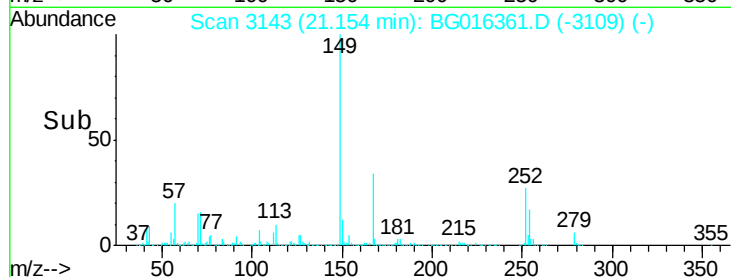
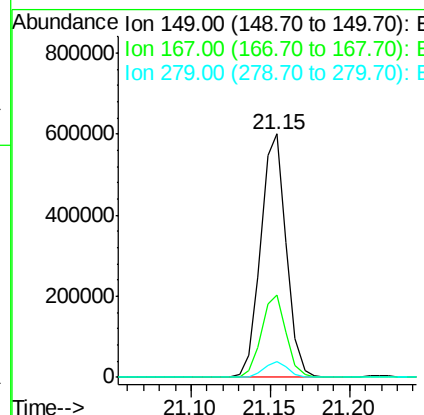
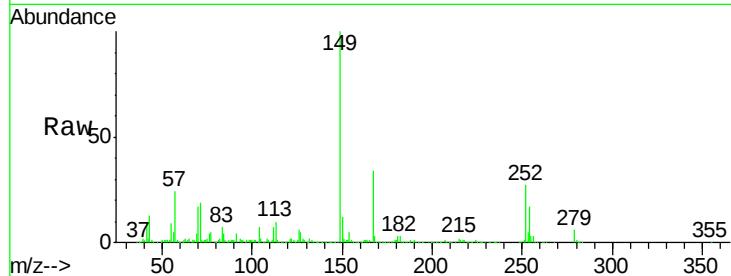




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.81 ng
 RT: 21.15 min Scan# 3143
 Delta R.T. 0.00 min
 Lab File: BG016361.D
 Acq: 13 Apr 2015 15:32

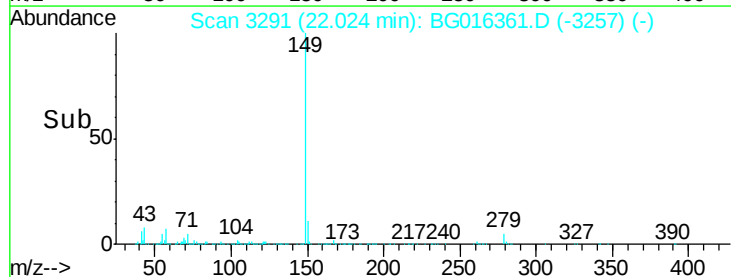
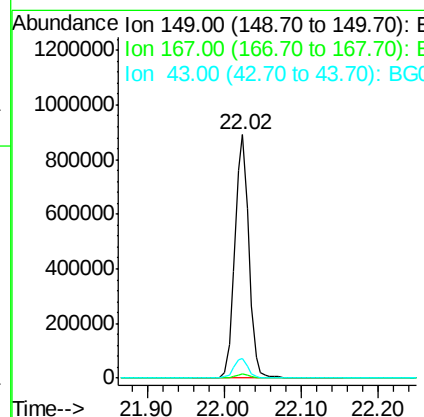
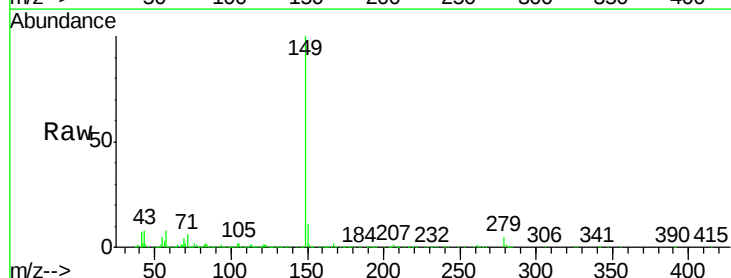
Instrument :
 BNA_G
 ClientSampleId :
 F5-025MS

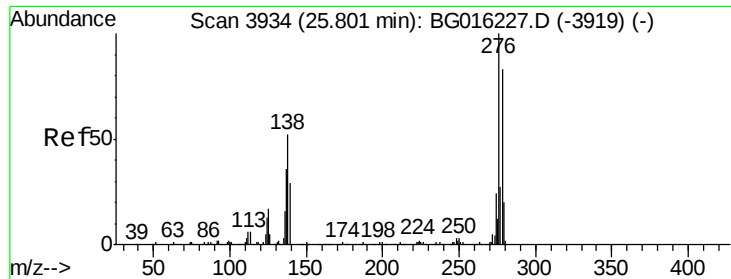
Tgt Ion:149 Resp: 674135
 Ion Ratio Lower Upper
 149 100
 167 34.0 25.8 38.6
 279 6.3 4.7 7.1



#84
 Di-n-octyl phthalate
 Concen: 33.88 ng
 RT: 22.02 min Scan# 3291
 Delta R.T. 0.00 min
 Lab File: BG016361.D
 Acq: 13 Apr 2015 15:32

Tgt Ion:149 Resp: 1134387
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 7.9 7.0 10.4

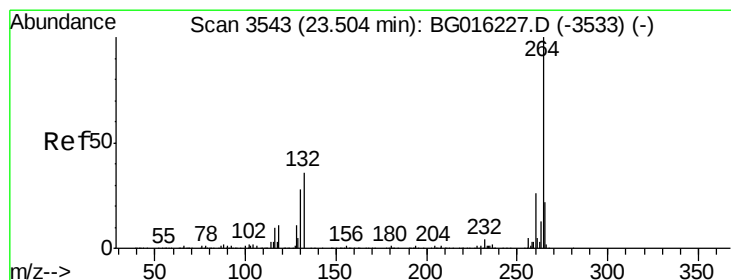
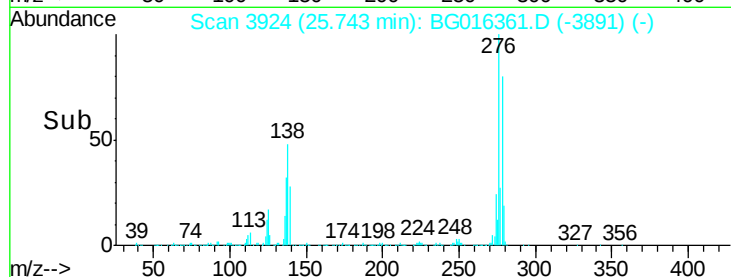
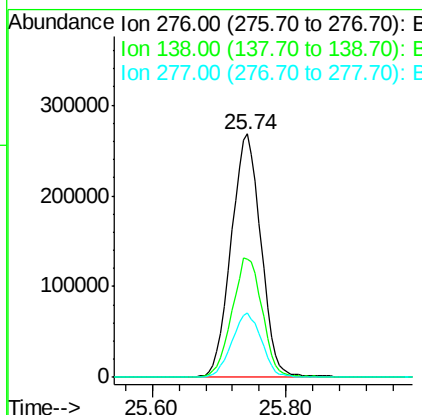
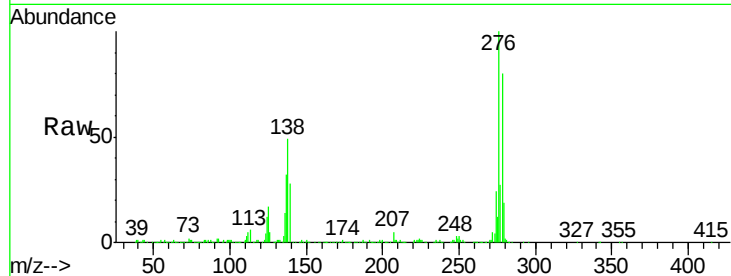




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.73 ng
 RT: 25.74 min Scan# 3924
 Delta R.T. -0.01 min
 Lab File: BG016361.D
 Acq: 13 Apr 2015 15:32

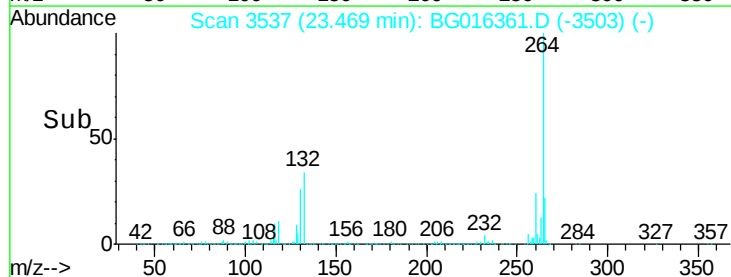
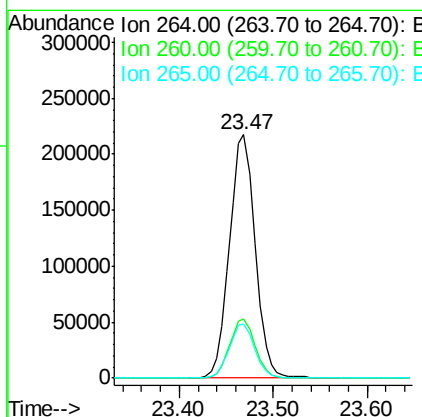
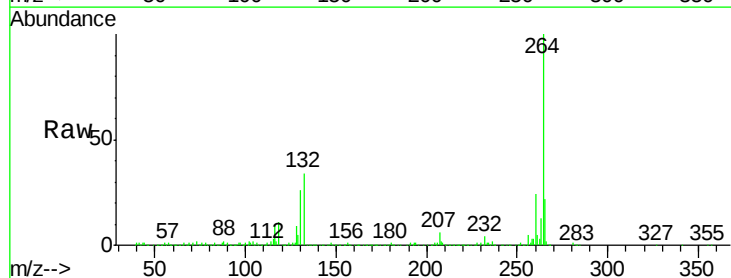
Instrument :
 BNA_G
 ClientSampleId :
 F5-025MS

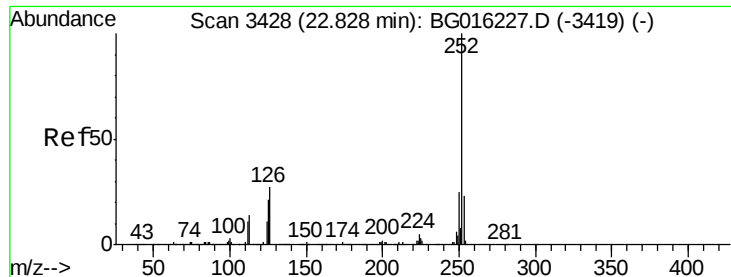
Tgt Ion: 276 Resp: 834600
 Ion Ratio Lower Upper
 276 100
 138 50.0 41.5 62.3
 277 26.4 21.0 31.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.47 min Scan# 3537
 Delta R.T. 0.00 min
 Lab File: BG016361.D
 Acq: 13 Apr 2015 15:32

Tgt Ion: 264 Resp: 414541
 Ion Ratio Lower Upper
 264 100
 260 24.4 20.4 30.6
 265 22.3 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 31.62 ng

RT: 22.79 min Scan# 3422

Delta R.T. -0.01 min

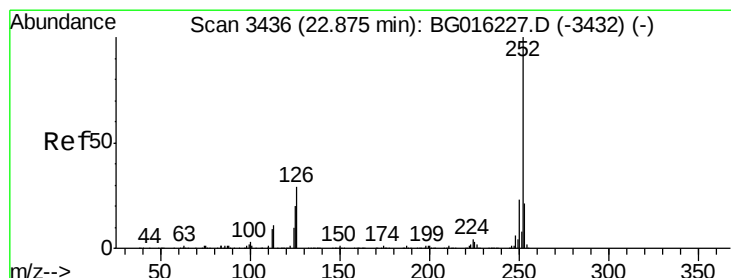
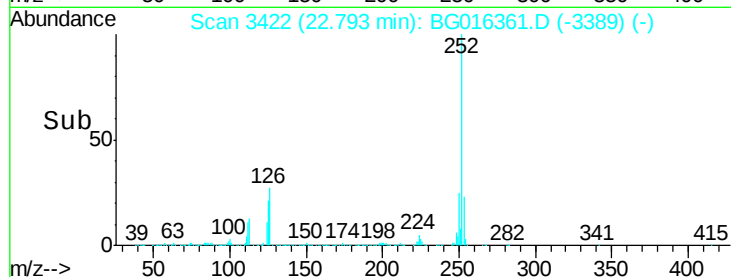
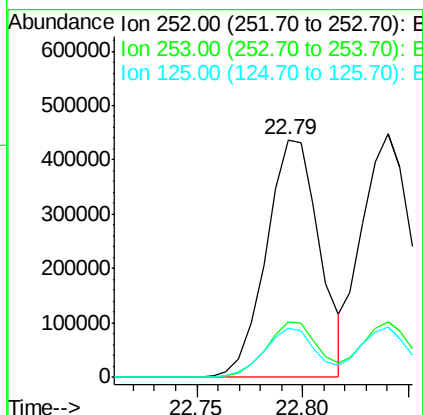
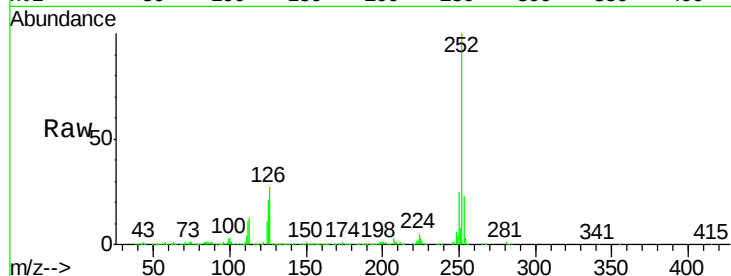
Lab File: BG016361.D

Acq: 13 Apr 2015 15:32

Instrument :
BNA_G
ClientSampleId :
F5-025MS

Tgt Ion: 252 Resp: 767642

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.5	27.7
125	20.8	17.0	25.6



#88

Benzo(k)fluoranthene

Concen: 31.02 ng

RT: 22.84 min Scan# 3430

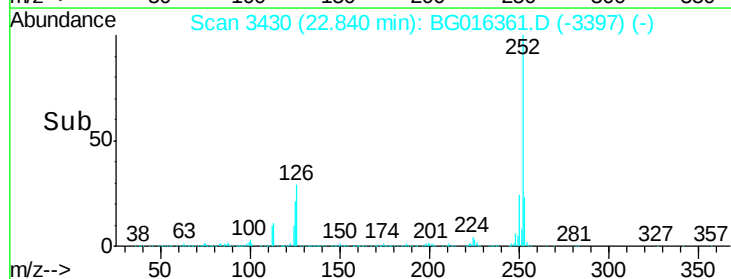
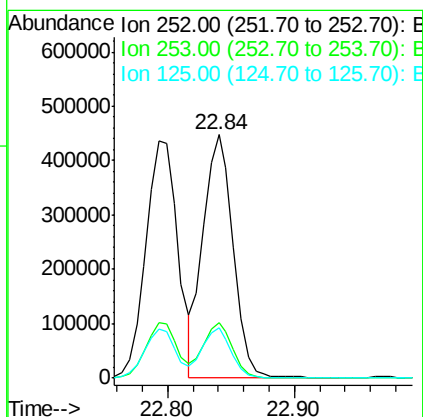
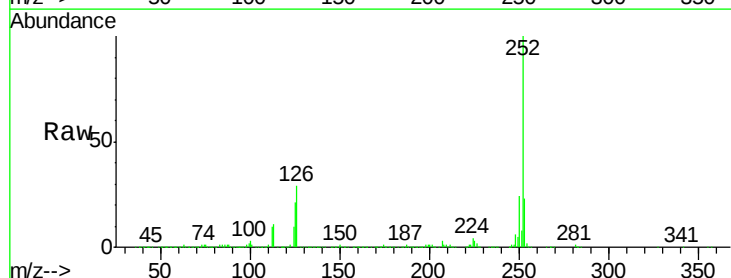
Delta R.T. -0.01 min

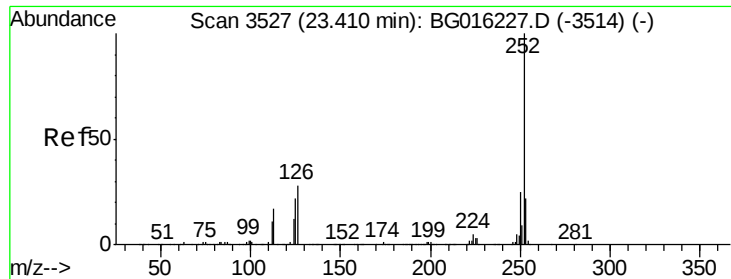
Lab File: BG016361.D

Acq: 13 Apr 2015 15:32

Tgt Ion: 252 Resp: 736949

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	20.6	16.3	24.5





#89

Benzo(a)pyrene

Concen: 32.13 ng

RT: 23.37 min Scan# 3520

Delta R.T. -0.01 min

Lab File: BG016361.D

Acq: 13 Apr 2015 15:32

Instrument :

BNA_G

ClientSampleId :

F5-025MS

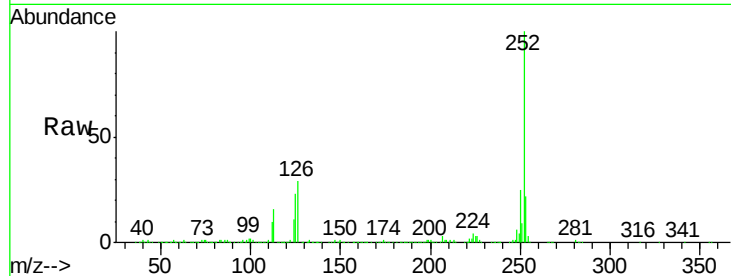
Tgt Ion:252 Resp: 731011

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

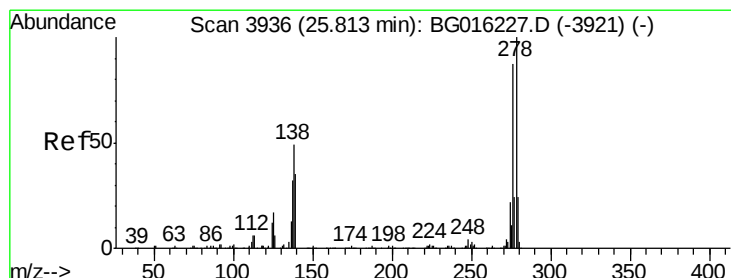
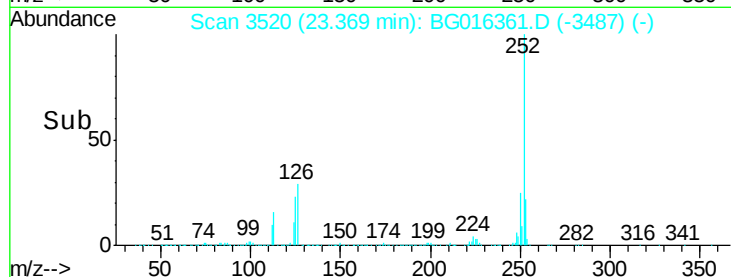
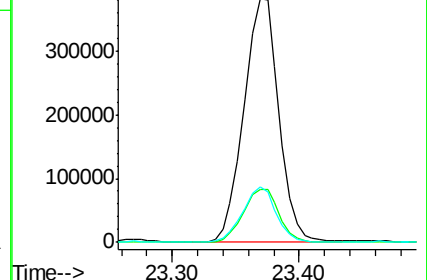
125 22.8 17.6 26.4



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



#90

Dibenzo(a,h)anthracene

Concen: 31.25 ng

RT: 25.75 min Scan# 3926

Delta R.T. -0.01 min

Lab File: BG016361.D

Acq: 13 Apr 2015 15:32

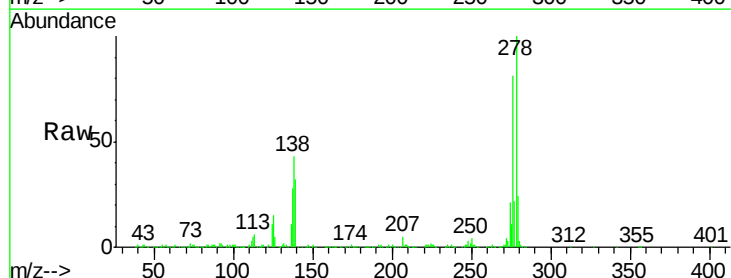
Tgt Ion:278 Resp: 691962

Ion Ratio Lower Upper

278 100

139 31.9 27.9 41.9

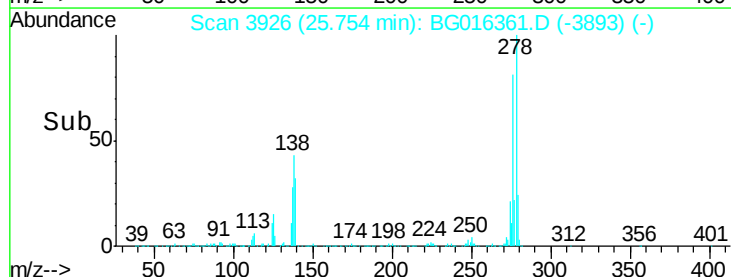
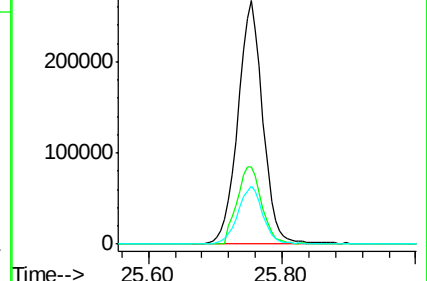
279 23.9 19.5 29.3

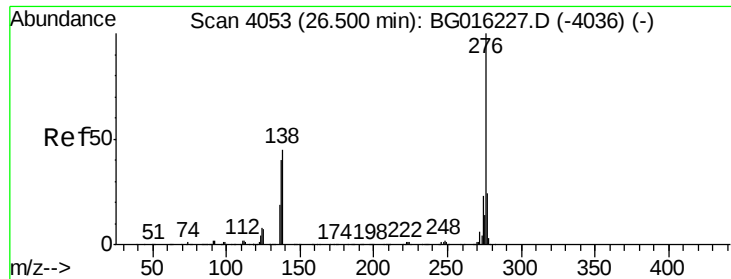


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 31.77 ng

RT: 26.44 min Scan# 4042

Delta R.T. -0.01 min

Lab File: BG016361.D

Acq: 13 Apr 2015 15:32

Instrument :

BNA_G

ClientSampleId :

F5-025MS

Tgt Ion: 276 Resp: 702723

Ion Ratio Lower Upper

276 100

277 24.7 19.5 29.3

138 43.7 35.7 53.5

