

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041315\
 Data File : BG016362.D
 Acq On : 13 Apr 2015 16:07
 Operator : TP/IZ
 Sample : G1822-04MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F5-025MSD

Quant Time: Apr 14 02:27:52 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	84258	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	382508	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	219408	20.00	ng	0.00
63) Phenanthrene-d10	17.06	188	455411	20.00	ng	0.00
75) Chrysene-d12	21.24	240	421494	20.00	ng	0.00
86) Perylene-d12	23.47	264	403175	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	4784	0.90	ng	0.01
7) Phenol-d6	6.86	99	6686	0.83	ng	0.00
23) Nitrobenzene-d5	8.83	82	3397	0.51	ng	0.00
41) 2,4,6-Tribromophenol	15.81	330	1711	1.15	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	8103	0.63	ng	0.00
78) Terphenyl-d14	19.69	244	14203	0.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.15	88	61980	25.54	ng	100
3) Pyridine	3.55	79	167297	23.06	ng	96
4) n-Nitrosodimethylamine	3.46	42	53696	24.90	ng	94
6) Aniline	7.01	93	211603	18.49	ng	96
8) 2-Chlorophenol	7.25	128	187216	29.20	ng	95
9) Benzaldehyde	6.82	77	53213	11.34	ng	97
10) Phenol	6.89	94	260672	30.40	ng	98
11) bis(2-Chloroethyl)ether	7.11	93	176059	25.75	ng	98
12) 1,3-Dichlorobenzene	7.56	146	172030	26.57	ng	96
13) 1,4-Dichlorobenzene	7.71	146	176891	26.34	ng	97
14) 1,2-Dichlorobenzene	8.03	146	172648	26.88	ng	97
15) Benzyl Alcohol	7.92	79	144570	25.88	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.22	45	193637	25.14	ng	96
17) 2-Methylphenol	8.13	107	158756	27.61	ng	99
18) Hexachloroethane	8.75	117	64993	25.30	ng	97
19) n-Nitroso-di-n-propylamine	8.48	70	129876	22.62	ng	97
20) 3+4-Methylphenols	8.46	107	209441	26.30	ng	96
22) Acetophenone	8.49	105	240601	27.13	ng	# 99
24) Nitrobenzene	8.87	77	179844	25.47	ng	96
25) Isophorone	9.39	82	356083	24.28	ng	99
26) 2-Nitrophenol	9.59	139	102751	31.21	ng	94
27) 2,4-Dimethylphenol	9.65	122	174887	28.51	ng	98
28) bis(2-Chloroethoxy)methane	9.88	93	216226	25.83	ng	99
29) 2,4-Dichlorophenol	10.12	162	153282	31.59	ng	97
30) 1,2,4-Trichlorobenzene	10.33	180	143852	28.39	ng	98
31) Naphthalene	10.51	128	535947	26.89	ng	99
32) Benzoic acid	9.73	122	16896	12.19	ng	93
33) 4-Chloroaniline	10.63	127	202462	21.65	ng	96
34) Hexachlorobutadiene	10.80	225	62873	28.25	ng	96
35) Caprolactam	11.38	113	87071	28.50	ng	94
36) 4-Chloro-3-methylphenol	11.77	107	181537	28.32	ng	98
37) 2-Methylnaphthalene	12.13	142	384881	26.84	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	133366	27.61	ng	99
40) Hexachlorocyclopentadiene	12.48	237	111901	50.61	ng	97

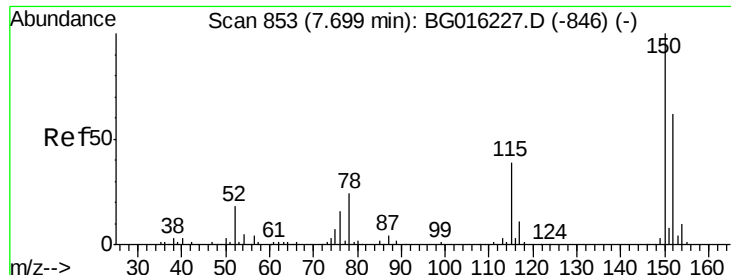
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041315\
 Data File : BG016362.D
 Acq On : 13 Apr 2015 16:07
 Operator : TP/IZ
 Sample : G1822-04MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
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Quant Time: Apr 14 02:27:52 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)
42) 2,4,6-Trichlorophenol	12.75	196	105771	29.47	ng	96
43) 2,4,5-Trichlorophenol	12.82	196	116675	30.42	ng	95
45) 1,1'-Biphenyl	13.15	154	464048	27.57	ng	98
46) 2-Chloronaphthalene	13.19	162	347343	27.09	ng	99
47) 2-Nitroaniline	13.40	65	109033	26.38	ng	94
48) Acenaphthylene	14.04	152	591494	25.94	ng	100
49) Dimethylphthalate	13.78	163	454820	28.28	ng	100
50) 2,6-Dinitrotoluene	13.90	165	107057	27.53	ng	93
51) Acenaphthene	14.38	154	360259	26.44	ng	98
52) 3-Nitroaniline	14.23	138	119916	24.14	ng	90
53) 2,4-Dinitrophenol	14.44	184	112804	53.21	ng	97
54) Dibenzofuran	14.71	168	525119	27.78	ng	98
55) 4-Nitrophenol	14.56	139	245051	59.70	ng	98
56) 2,4-Dinitrotoluene	14.69	165	151998	28.69	ng	90
57) Fluorene	15.37	166	449932	26.98	ng	100
58) 2,3,4,6-Tetrachlorophenol	14.95	232	91326	30.86	ng	93
59) Diethylphthalate	15.14	149	461215	26.95	ng	100
60) 4-Chlorophenyl-phenylether	15.36	204	184534	27.05	ng	95
61) 4-Nitroaniline	15.40	138	153496	27.23	ng	95
62) Azobenzene	15.65	77	480221	26.36	ng	98
64) 4,6-Dinitro-2-methylphenol	15.45	198	84966	28.25	ng	98
65) n-Nitrosodiphenylamine	15.58	169	405874	26.36	ng	99
66) 4-Bromophenyl-phenylether	16.25	248	99024	27.23	ng	96
67) Hexachlorobenzene	16.37	284	101405	26.83	ng	99
68) Atrazine	16.53	200	133759	31.17	ng	99
69) Pentachlorophenol	16.72	266	127838	55.40	ng	97
70) Phenanthrene	17.10	178	686370	26.80	ng	99
71) Anthracene	17.19	178	697050	27.46	ng	99
72) Carbazole	17.46	167	742559	29.15	ng	99
73) Di-n-butylphthalate	18.03	149	879769	28.22	ng	99
74) Fluoranthene	19.12	202	786665	29.80	ng	98
76) Benzidine	19.30	184	335229	18.75	ng	98
77) Pyrene	19.48	202	815731	27.79	ng	100
79) Butylbenzylphthalate	20.38	149	414400	28.74	ng	95
80) Benzo(a)anthracene	21.22	228	700388	28.12	ng	99
81) 3,3'-Dichlorobenzidine	21.16	252	197526	24.11	ng	98
82) Chrysene	21.28	228	666872	27.73	ng	99
83) Bis(2-ethylhexyl)phthalate	21.15	149	579378	29.68	ng	98
84) Di-n-octyl phthalate	22.02	149	987295	31.04	ng	98
85) Indeno(1,2,3-cd)pyrene	25.75	276	720233	28.83	ng	98
87) Benzo(b)fluoranthene	22.80	252	688786	29.17	ng	98
88) Benzo(k)fluoranthene	22.84	252	617555	26.72	ng	99
89) Benzo(a)pyrene	23.38	252	642523	29.03	ng	98
90) Dibenzo(a,h)anthracene	25.76	278	594472	27.60	ng	98
91) Benzo(g,h,i)perylene	26.44	276	605879	28.17	ng	96

(#) = 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: BG016362.D

Acq: 13 Apr 2015 16:07

Instrument :

BNA_G

ClientSampleId :

F5-025MSD

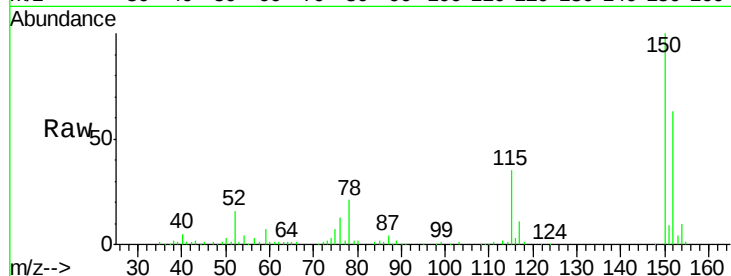
Tgt Ion:152 Resp: 84258

Ion Ratio Lower Upper

152 100

150 158.8 130.1 195.1

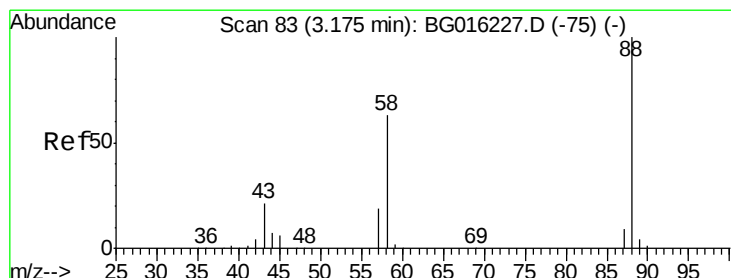
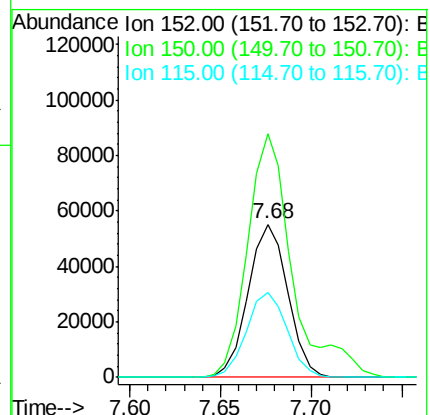
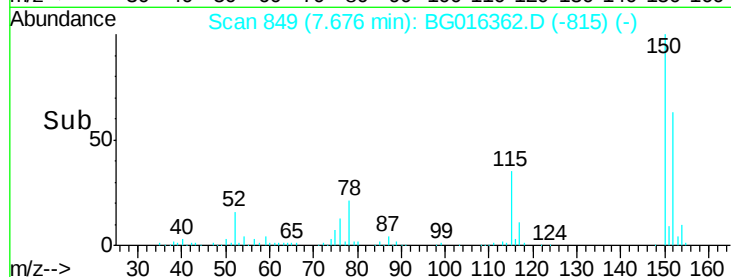
115 55.2 50.5 75.7



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: 25.54 ng

RT: 3.15 min Scan# 79

Delta R.T. 0.01 min

Lab File: BG016362.D

Acq: 13 Apr 2015 16:07

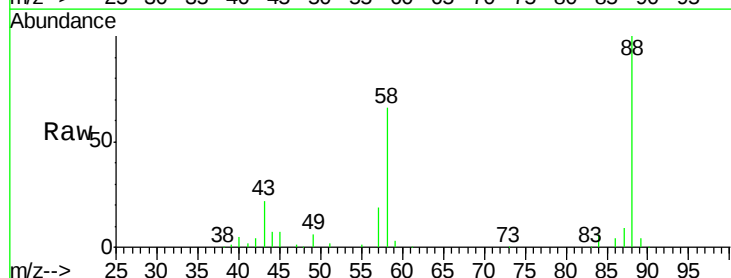
Tgt Ion: 88 Resp: 61980

Ion Ratio Lower Upper

88 100

58 63.2 50.6 76.0

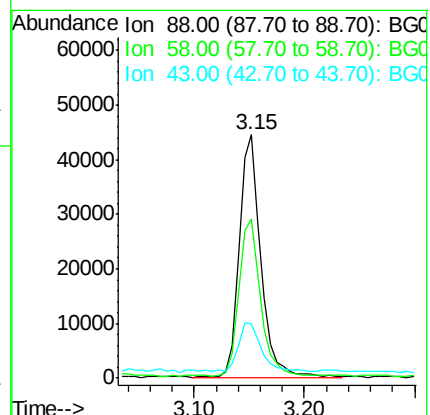
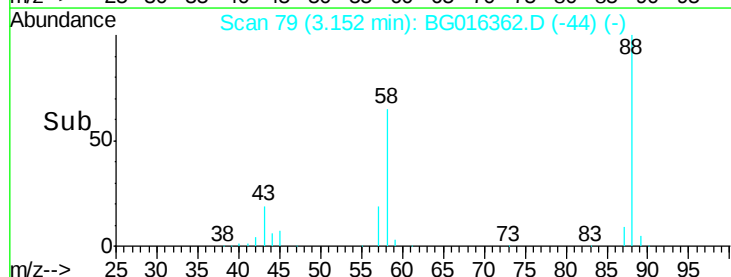
43 21.1 17.0 25.4



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: 23.06 ng

RT: 3.55 min Scan# 146

Delta R.T. 0.01 min

Lab File: BG016362.D

Acq: 13 Apr 2015 16:07

Instrument :

BNA_G

ClientSampleId :

F5-025MSD

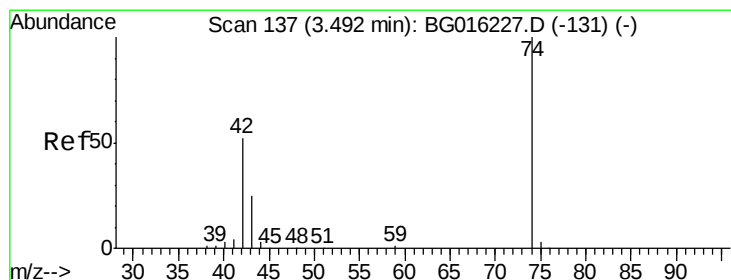
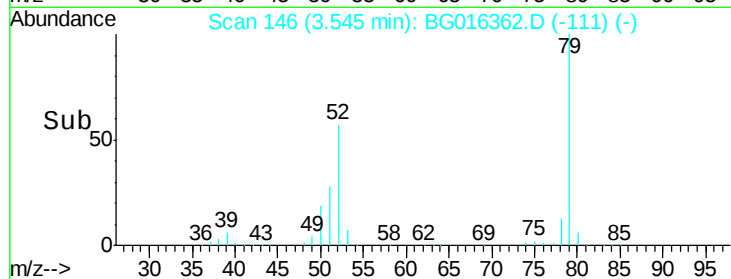
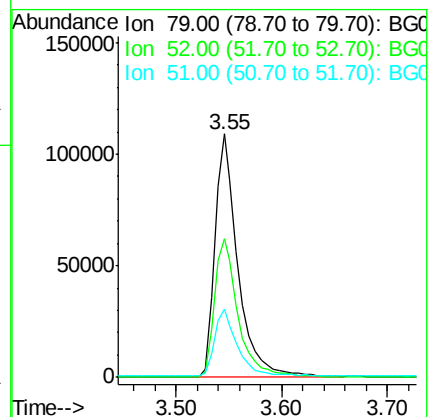
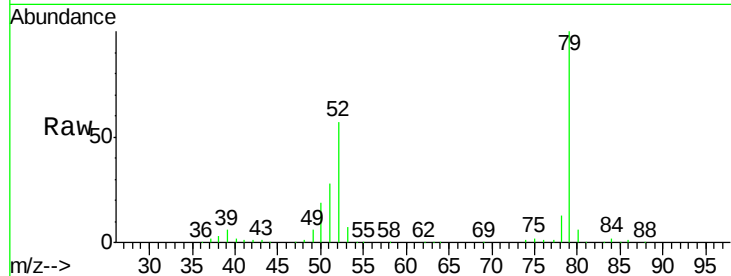
Tgt Ion: 79 Resp: 167297

Ion Ratio Lower Upper

79 100

52 56.8 49.0 73.4

51 28.2 22.5 33.7



#4

n-Nitrosodimethylamine

Concen: 24.90 ng

RT: 3.46 min Scan# 132

Delta R.T. 0.00 min

Lab File: BG016362.D

Acq: 13 Apr 2015 16:07

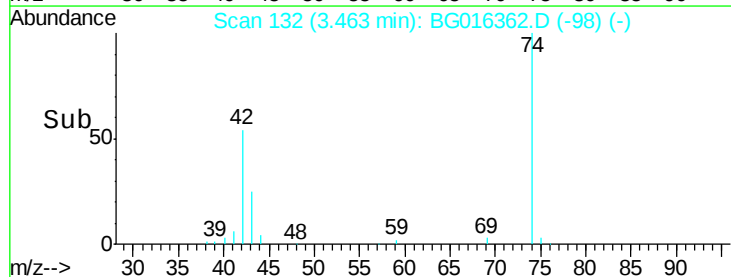
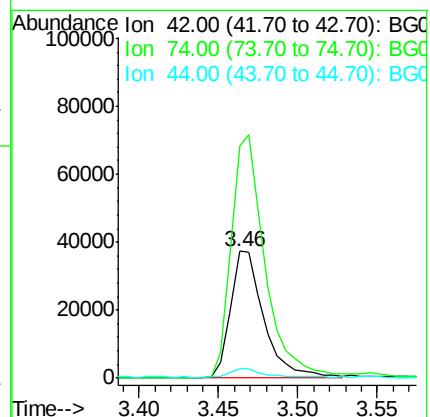
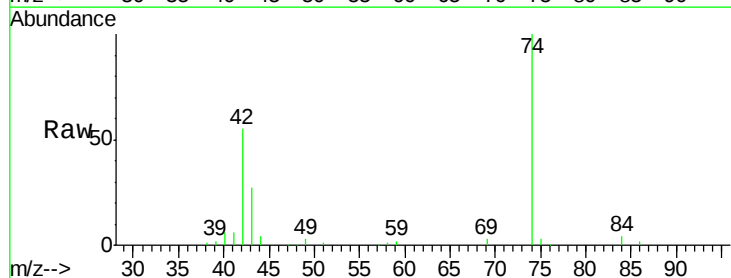
Tgt Ion: 42 Resp: 53696

Ion Ratio Lower Upper

42 100

74 182.9 153.7 230.5

44 7.4 5.3 7.9





#5

2-Fluorophenol

Concen: 0.90 ng

RT: 5.27 min Scan# 439

Delta R.T. 0.01 min

Lab File: BG016362.D

Acq: 13 Apr 2015 16:07

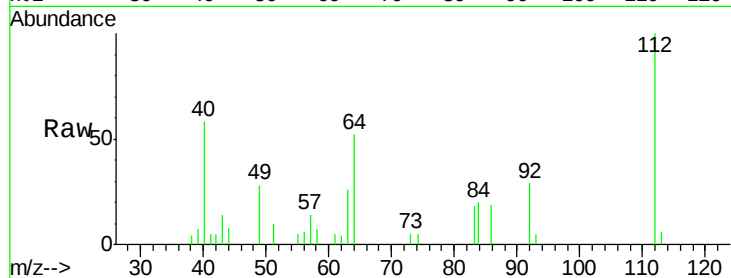
Instrument :

BNA_G

ClientSampleId :

F5-025MSD

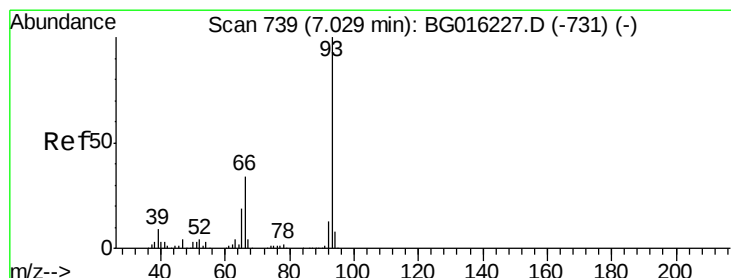
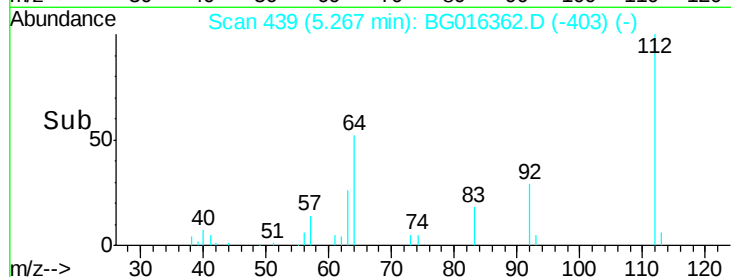
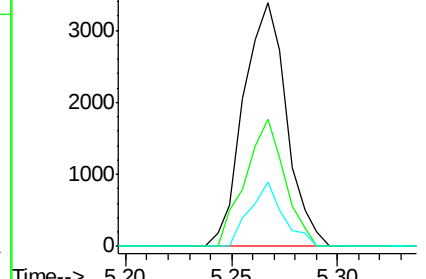
Tgt Ion:	112	Resp:	4784
Ion	Ratio	Lower	Upper
112	100		
64	52.4	44.5	66.7
63	26.2	21.4	32.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 18.49 ng

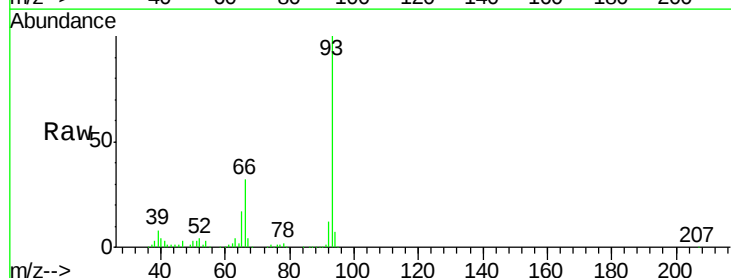
RT: 7.01 min Scan# 735

Delta R.T. 0.00 min

Lab File: BG016362.D

Acq: 13 Apr 2015 16:07

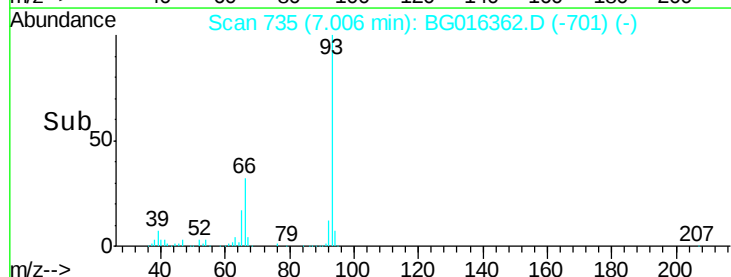
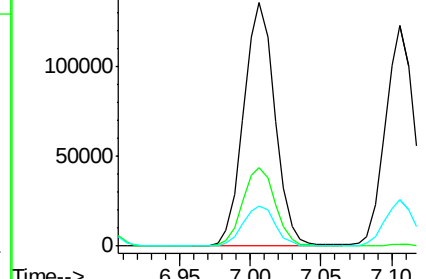
Tgt Ion:	93	Resp:	211603
Ion	Ratio	Lower	Upper
93	100		
66	32.2	27.5	41.3
65	16.6	15.1	22.7

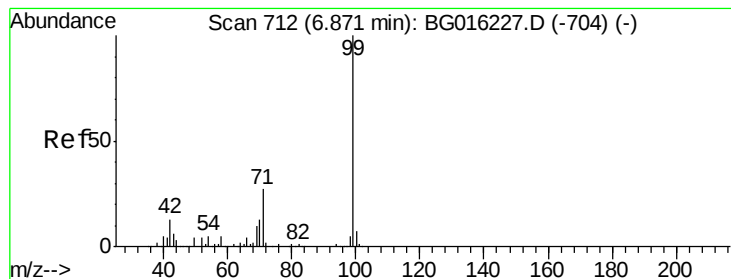


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 0.83 ng

RT: 6.86 min Scan# 710

Delta R.T. 0.00 min

Lab File: BG016362.D

Acq: 13 Apr 2015 16:07

Instrument :

BNA_G

ClientSampleId :

F5-025MSD

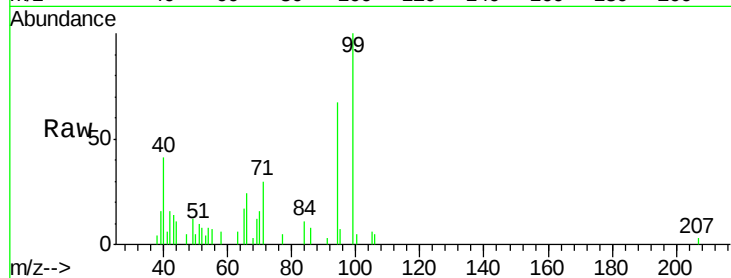
Tgt Ion: 99 Resp: 6686

Ion Ratio Lower Upper

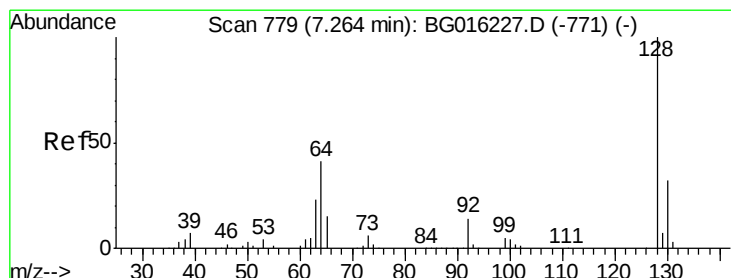
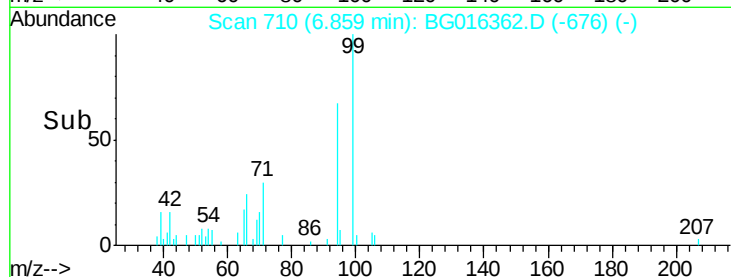
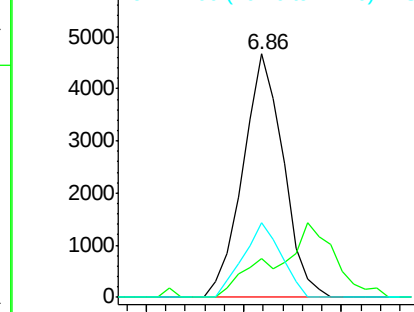
99 100

42 16.0 10.0 15.0#

71 30.4 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: 29.20 ng

RT: 7.25 min Scan# 776

Delta R.T. 0.01 min

Lab File: BG016362.D

Acq: 13 Apr 2015 16:07

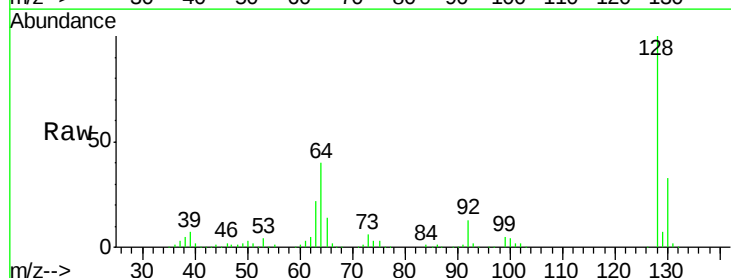
Tgt Ion: 128 Resp: 187216

Ion Ratio Lower Upper

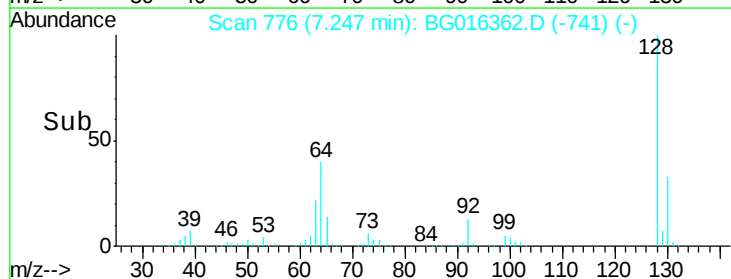
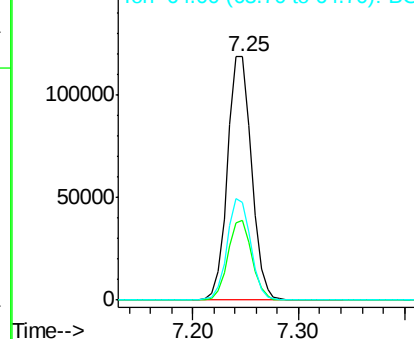
128 100

130 32.9 11.6 51.6

64 40.2 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: 11.34 ng

RT: 6.82 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG016362.D

Acq: 13 Apr 2015 16:07

Instrument :

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ClientSampleId :

F5-025MSD

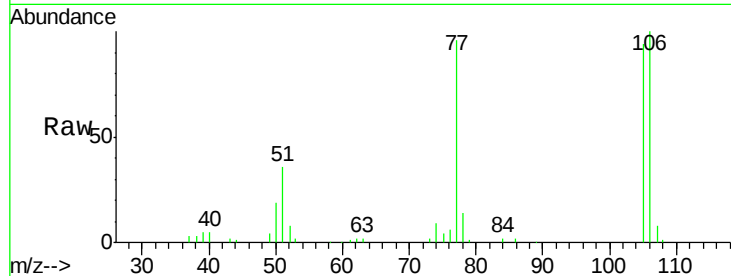
Tgt Ion: 77 Resp: 53213

Ion Ratio Lower Upper

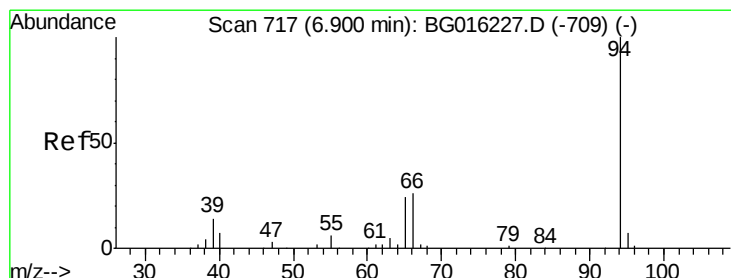
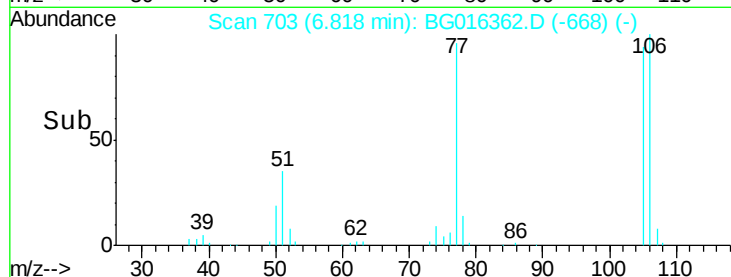
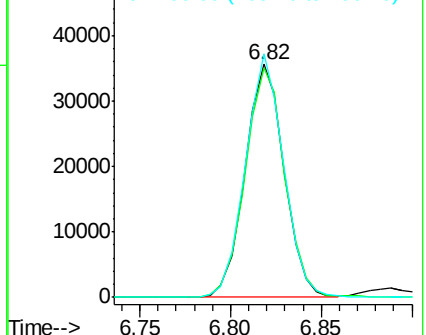
77 100

105 98.2 76.8 116.8

106 104.4 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: 30.40 ng

RT: 6.89 min Scan# 715

Delta R.T. 0.01 min

Lab File: BG016362.D

Acq: 13 Apr 2015 16:07

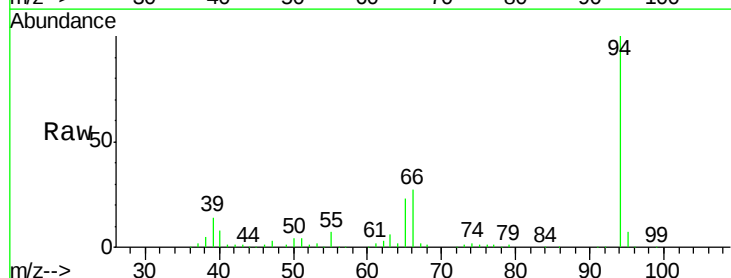
Tgt Ion: 94 Resp: 260672

Ion Ratio Lower Upper

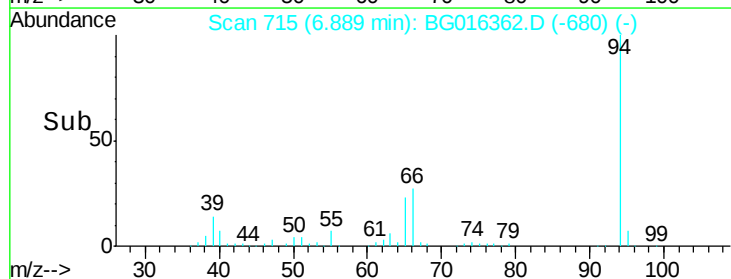
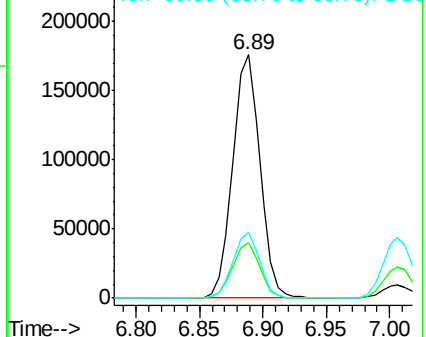
94 100

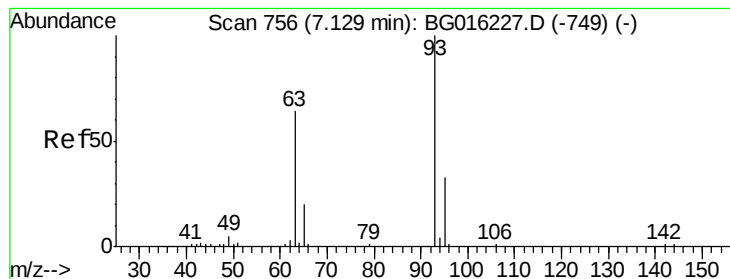
65 22.6 3.8 43.8

66 26.8 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: 25.75 ng

RT: 7.11 min Scan# 752

Delta R.T. 0.00 min

Lab File: BG016362.D

Acq: 13 Apr 2015 16:07

Instrument :

BNA_G

ClientSampleId :

F5-025MSD

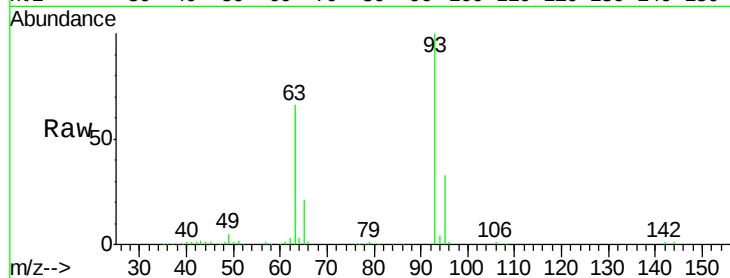
Tgt Ion: 93 Resp: 176059

Ion Ratio Lower Upper

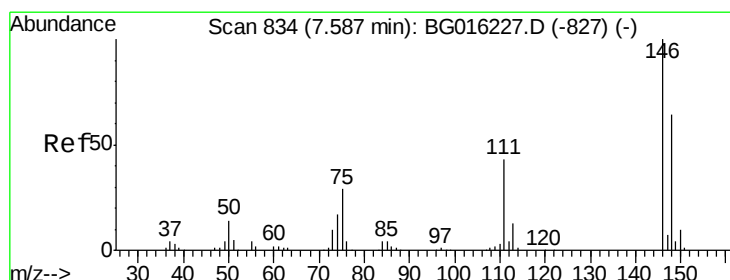
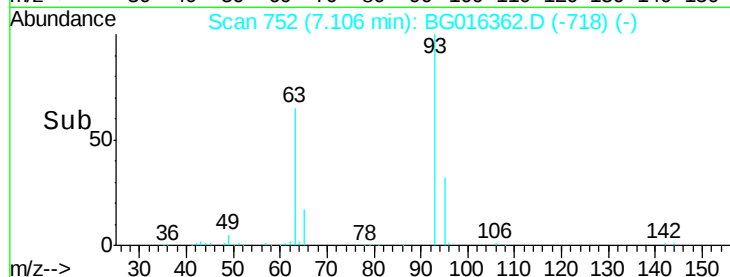
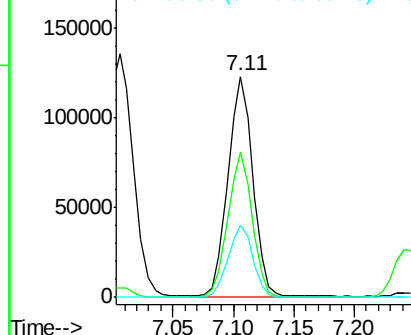
93 100

63 65.9 44.1 84.1

95 32.9 12.5 52.5



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



#12

1,3-Dichlorobenzene

Concen: 26.57 ng

RT: 7.56 min Scan# 830

Delta R.T. 0.00 min

Lab File: BG016362.D

Acq: 13 Apr 2015 16:07

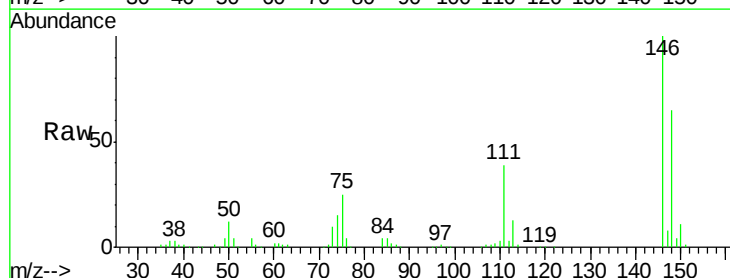
Tgt Ion: 146 Resp: 172030

Ion Ratio Lower Upper

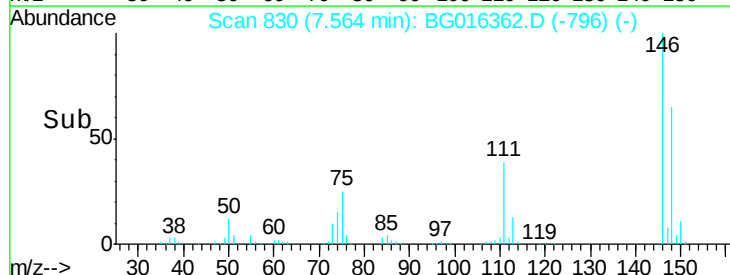
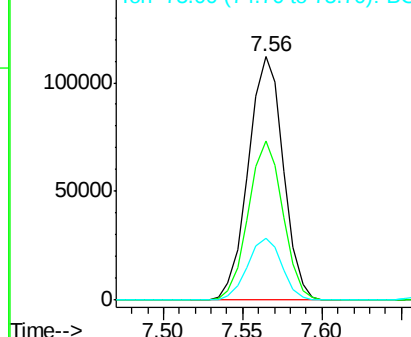
146 100

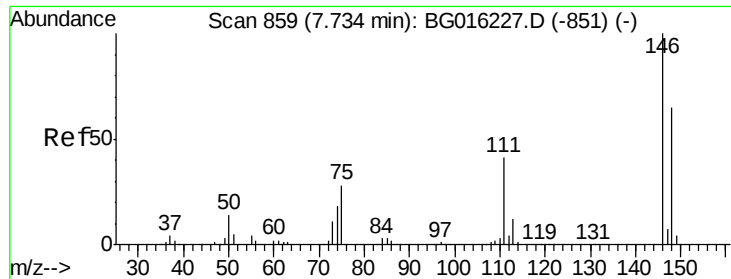
148 65.2 50.9 76.3

75 25.5 23.3 34.9



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

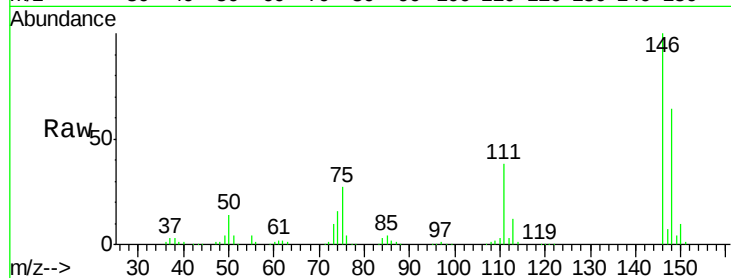




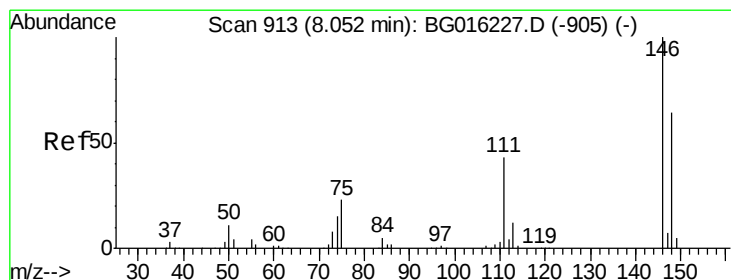
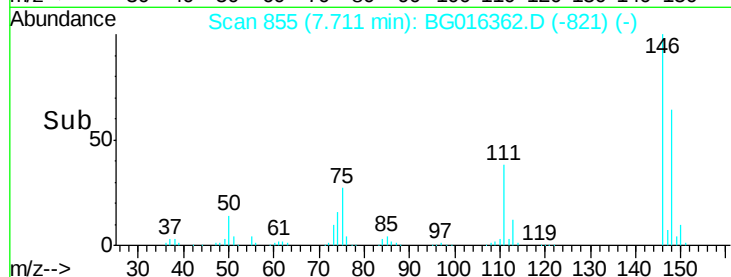
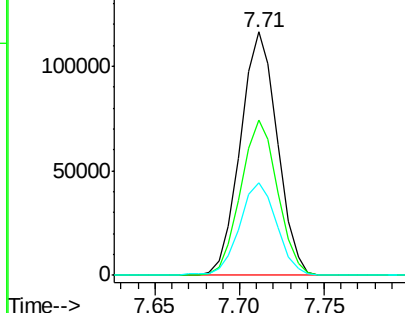
#13
 1,4-Dichlorobenzene
 Concen: 26.34 ng
 RT: 7.71 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: BG016362.D
 Acq: 13 Apr 2015 16:07

Instrument :
 BNA_G
 ClientSampleId :
 F5-025MSD

Tgt Ion:146 Resp: 176891
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.0 78.0
 111 38.1 32.6 49.0

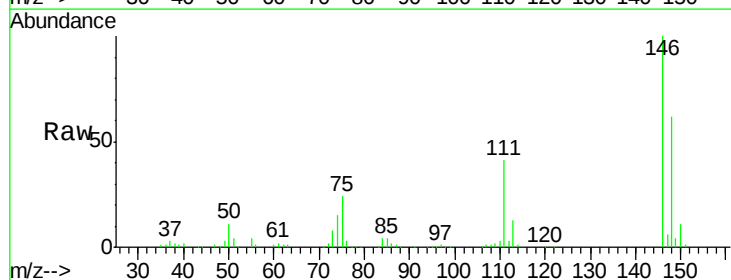


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

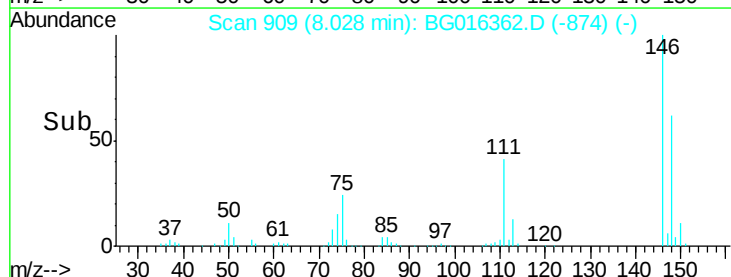
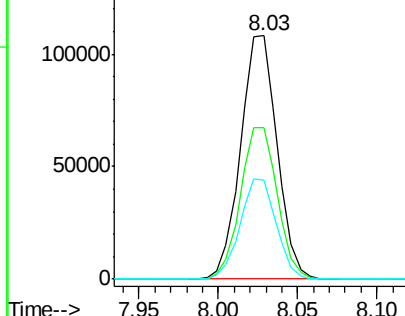


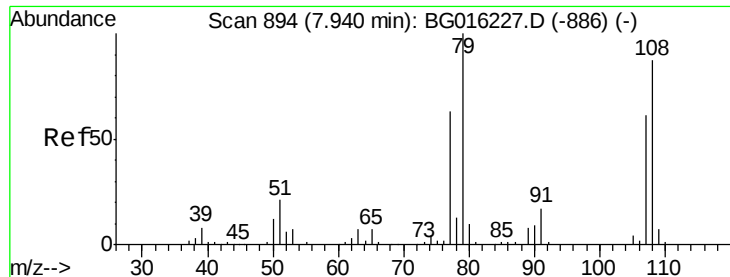
#14
 1,2-Dichlorobenzene
 Concen: 26.88 ng
 RT: 8.03 min Scan# 909
 Delta R.T. 0.01 min
 Lab File: BG016362.D
 Acq: 13 Apr 2015 16:07

Tgt Ion:146 Resp: 172648
 Ion Ratio Lower Upper
 146 100
 148 62.1 50.9 76.3
 111 40.6 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: 25.88 ng

RT: 7.92 min Scan# 890

Delta R.T. 0.00 min

Lab File: BG016362.D

Acq: 13 Apr 2015 16:07

Instrument :

BNA_G

ClientSampleId :

F5-025MSD

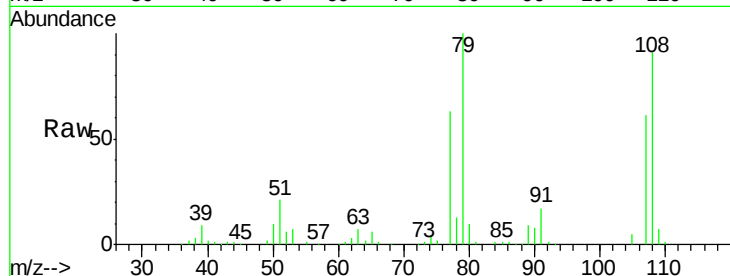
Tgt Ion: 79 Resp: 144570

Ion Ratio Lower Upper

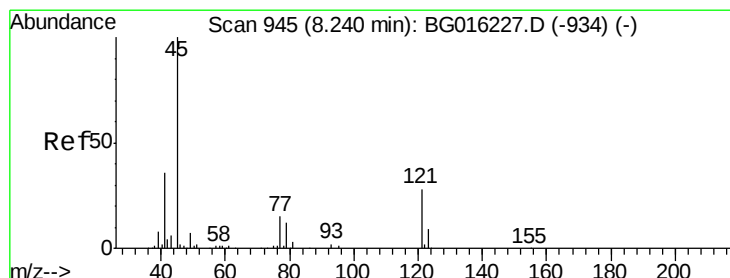
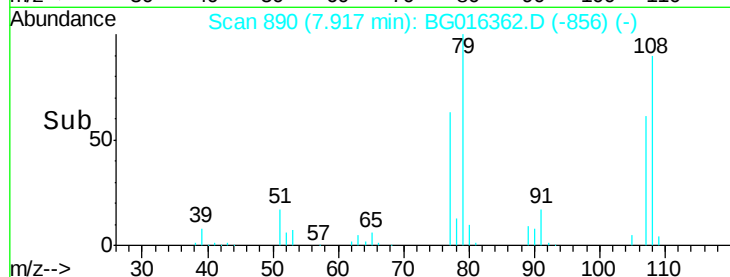
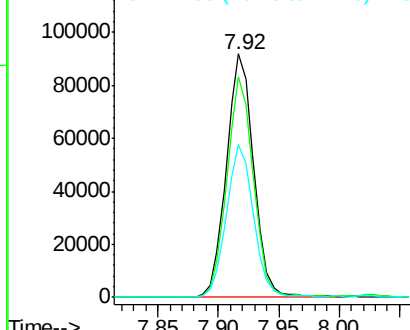
79 100

108 90.7 69.3 103.9

77 62.8 50.3 75.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 25.14 ng

RT: 8.22 min Scan# 941

Delta R.T. 0.01 min

Lab File: BG016362.D

Acq: 13 Apr 2015 16:07

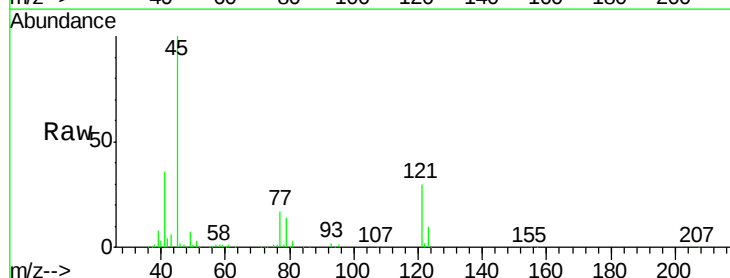
Tgt Ion: 45 Resp: 193637

Ion Ratio Lower Upper

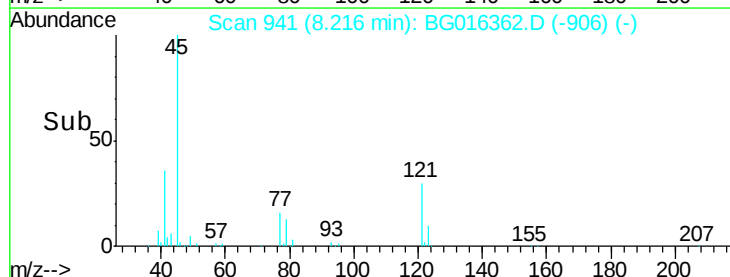
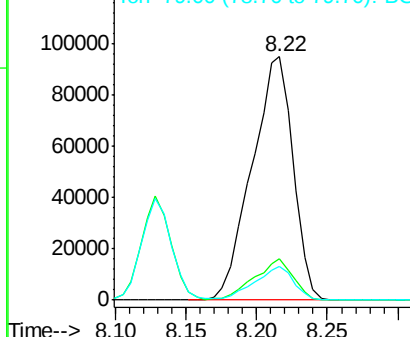
45 100

77 16.8 0.0 35.3

79 13.7 0.0 32.3



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

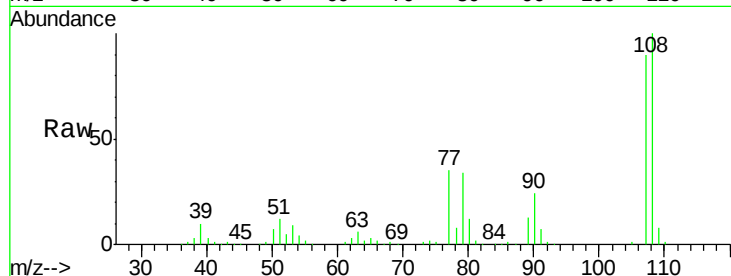




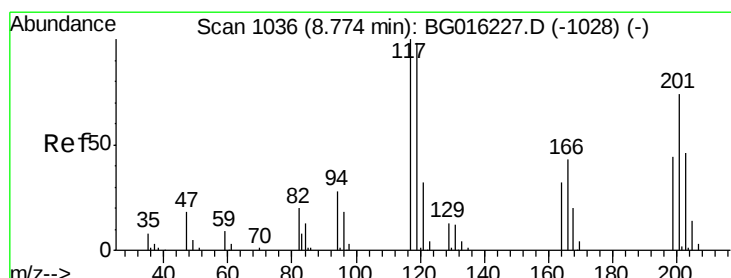
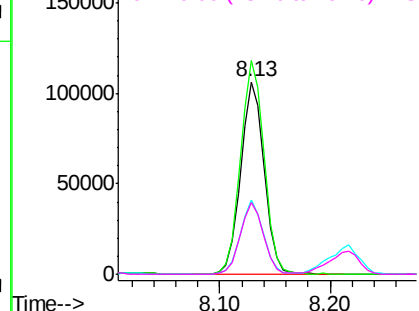
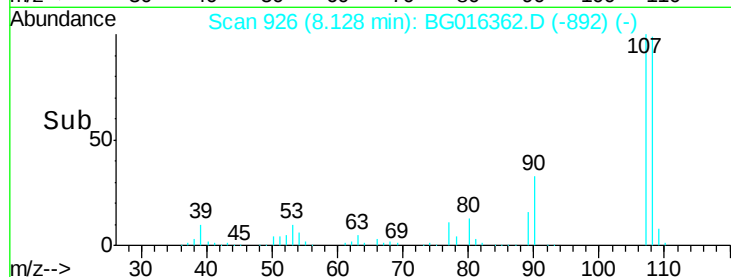
#17
2-Methylphenol
Concen: 27.61 ng
RT: 8.13 min Scan# 926
Delta R.T. 0.00 min
Lab File: BG016362.D
Acq: 13 Apr 2015 16:07

Instrument :
BNA_G
ClientSampleId :
F5-025MSD

Tgt Ion:107 Resp: 158756
Ion Ratio Lower Upper
107 100
108 111.1 87.2 130.8
77 38.4 31.1 46.7
79 37.3 29.7 44.5

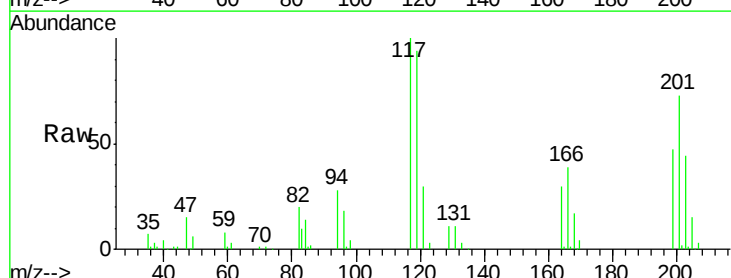


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

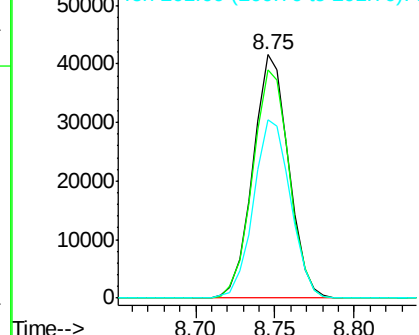
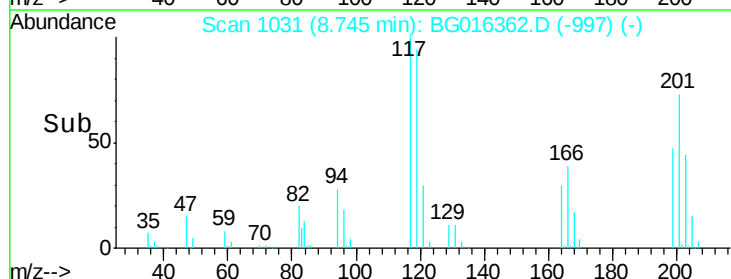


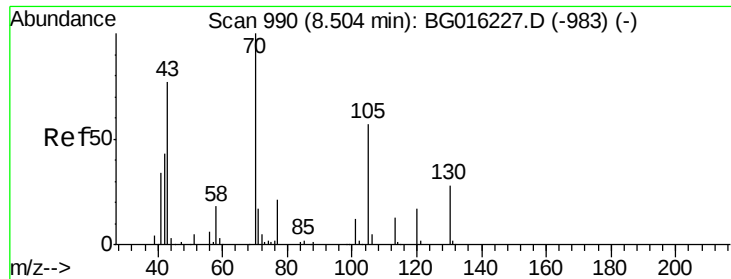
#18
Hexachloroethane
Concen: 25.30 ng
RT: 8.75 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BG016362.D
Acq: 13 Apr 2015 16:07

Tgt Ion:117 Resp: 64993
Ion Ratio Lower Upper
117 100
119 94.0 78.8 118.2
201 73.0 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

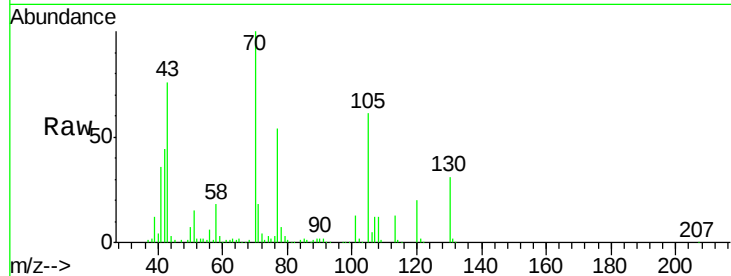




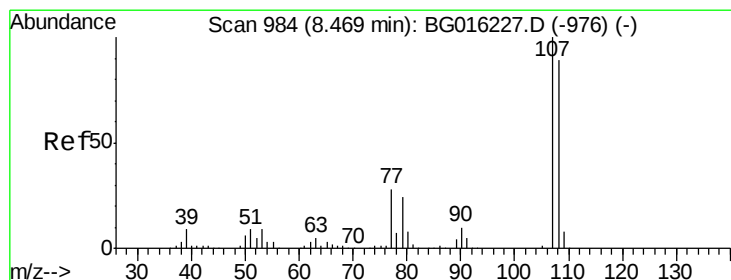
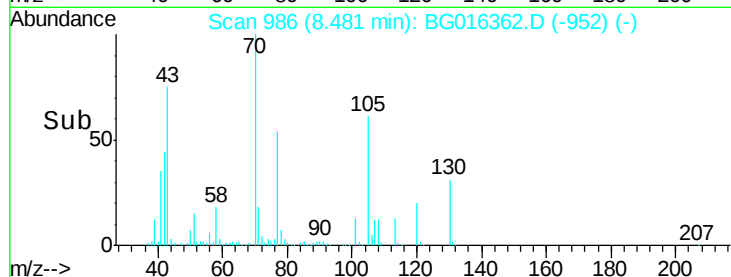
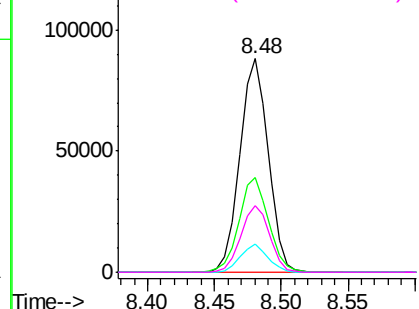
#19
 n-Nitroso-di-n-propylamine
 Concen: 22.62 ng
 RT: 8.48 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BG016362.D
 Acq: 13 Apr 2015 16:07

Instrument :
 BNA_G
 ClientSampleId :
 F5-025MSD

Tgt Ion: 70 Resp: 129876
 Ion Ratio Lower Upper
 70 100
 42 44.3 34.7 52.1
 101 12.9 9.2 13.8
 130 31.3 22.6 33.8

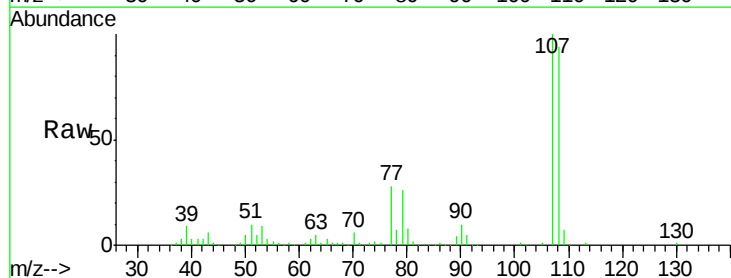


Abundance Ion 70.00 (69.70 to 70.70): BGC
 Ion 42.00 (41.70 to 42.70): BGC
 Ion 101.00 (100.70 to 101.70): BGC
 Ion 130.00 (129.70 to 130.70): BGC

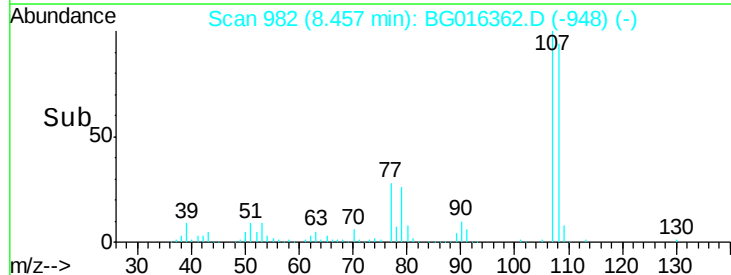
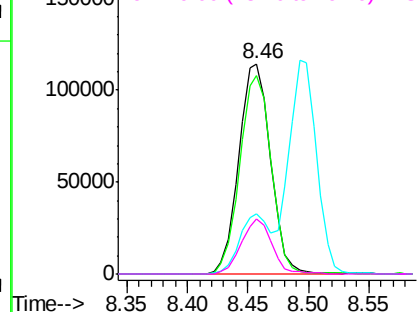


#20
 3+4-Methylphenols
 Concen: 26.30 ng
 RT: 8.46 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BG016362.D
 Acq: 13 Apr 2015 16:07

Tgt Ion: 107 Resp: 209441
 Ion Ratio Lower Upper
 107 100
 108 94.3 69.5 109.5
 77 28.5 8.2 48.2
 79 26.4 3.8 43.8



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

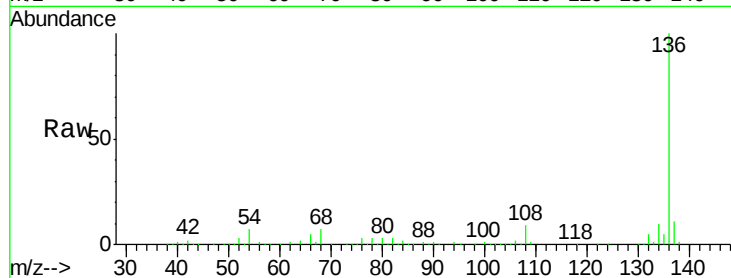




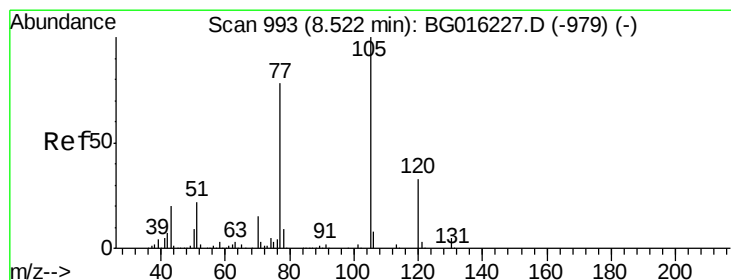
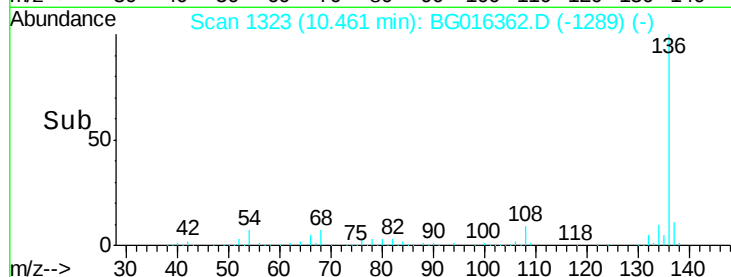
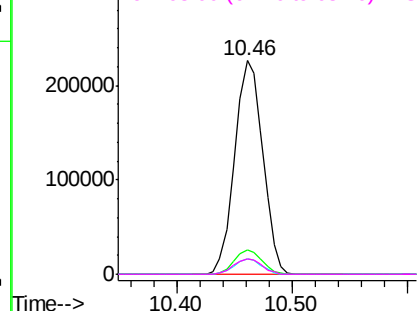
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.46 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG016362.D
Acq: 13 Apr 2015 16:07

Instrument :
BNA_G
ClientSampleId :
F5-025MSD

Tgt Ion:	136	Resp:	382508
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	7.2	6.3	9.5
68	7.5	6.5	9.7

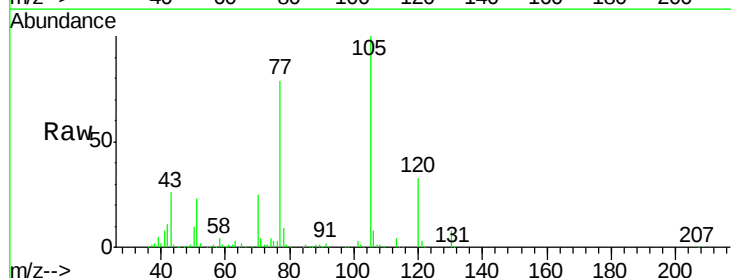


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

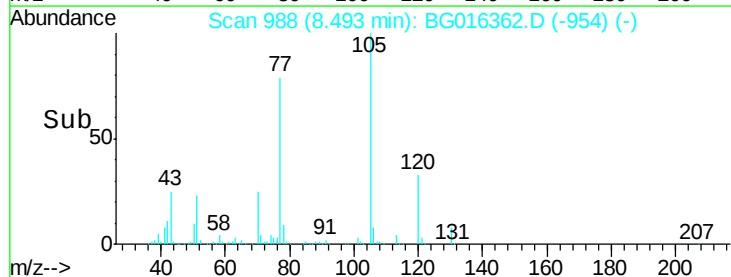
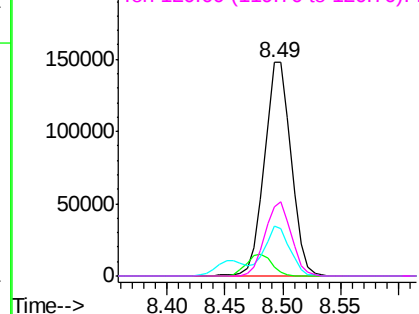


#22
Acetophenone
Concen: 27.13 ng
RT: 8.49 min Scan# 988
Delta R.T. 0.00 min
Lab File: BG016362.D
Acq: 13 Apr 2015 16:07

Tgt Ion:	105	Resp:	240601
Ion	Ratio	Lower	Upper
105	100		
71	4.0	2.0	3.0#
51	23.3	17.9	26.9
120	32.6	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

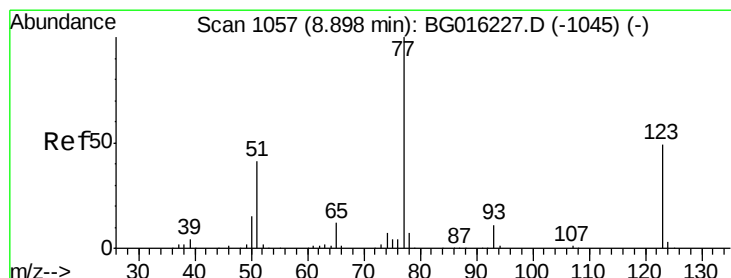
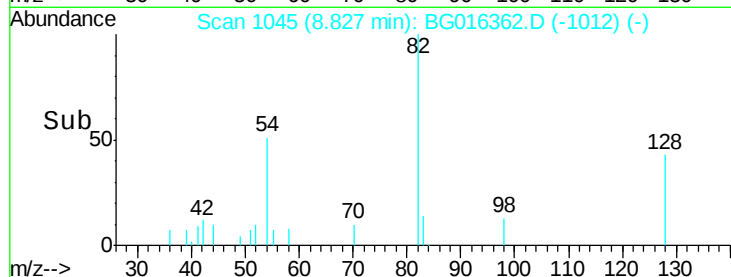
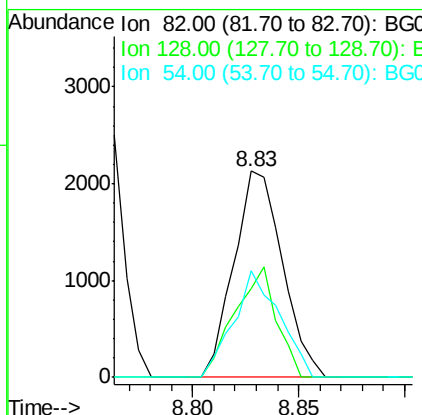
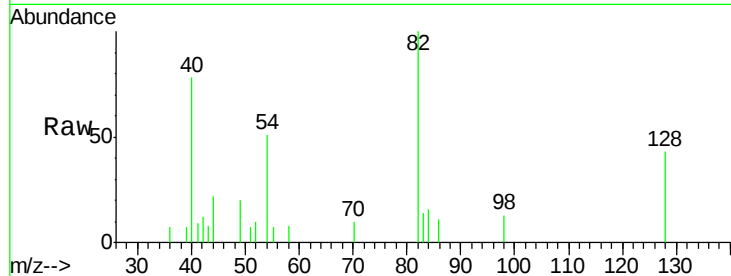




#23
 Nitrobenzene-d5
 Concen: 0.51 ng
 RT: 8.83 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG016362.D
 Acq: 13 Apr 2015 16:07

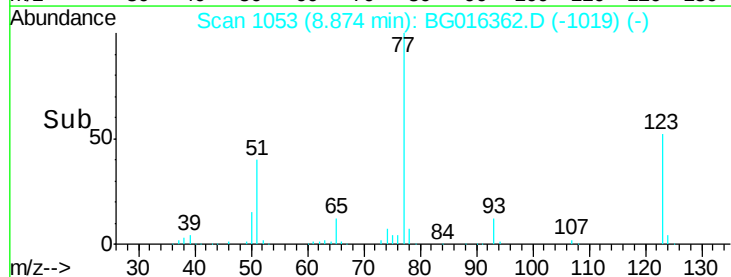
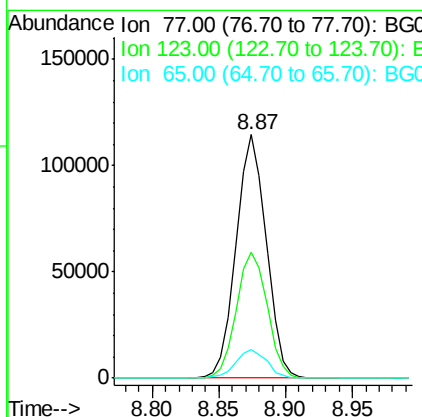
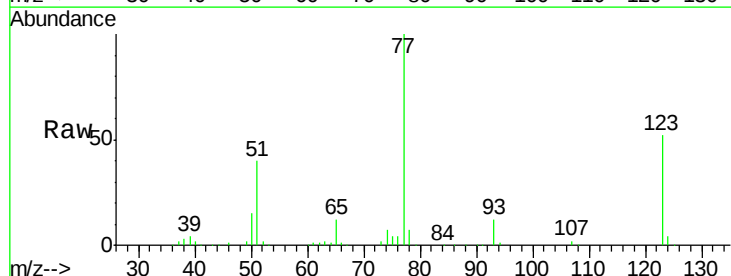
Instrument :
 BNA_G
 ClientSampleId :
 F5-025MSD

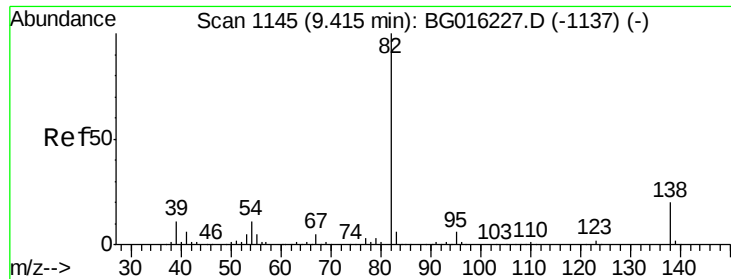
Tgt Ion: 82 Resp: 3397
 Ion Ratio Lower Upper
 82 100
 128 43.3 37.8 56.8
 54 51.5 32.6 49.0#



#24
 Nitrobenzene
 Concen: 25.47 ng
 RT: 8.87 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: BG016362.D
 Acq: 13 Apr 2015 16:07

Tgt Ion: 77 Resp: 179844
 Ion Ratio Lower Upper
 77 100
 123 51.5 38.8 58.2
 65 11.7 9.4 14.2





#25

Isophorone

Concen: 24.28 ng

RT: 9.39 min Scan# 1141

Delta R.T. 0.00 min

Lab File: BG016362.D

Acq: 13 Apr 2015 16:07

Instrument :

BNA_G

ClientSampleId :

F5-025MSD

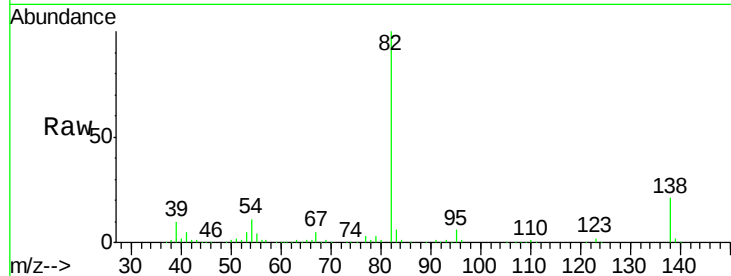
Tgt Ion: 82 Resp: 356083

Ion Ratio Lower Upper

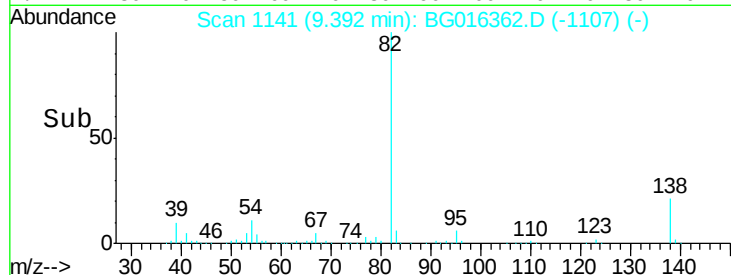
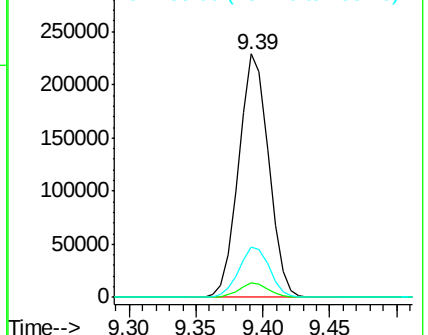
82 100

95 5.7 5.0 7.6

138 20.8 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: 31.21 ng

RT: 9.59 min Scan# 1174

Delta R.T. 0.01 min

Lab File: BG016362.D

Acq: 13 Apr 2015 16:07

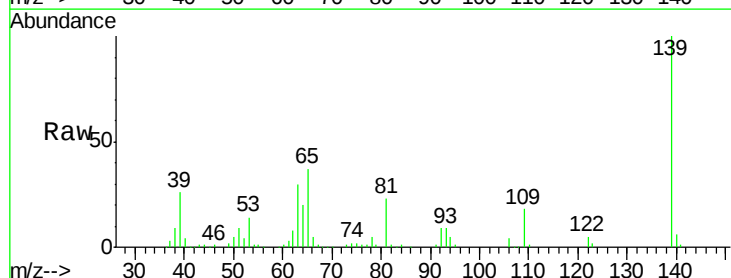
Tgt Ion: 139 Resp: 102751

Ion Ratio Lower Upper

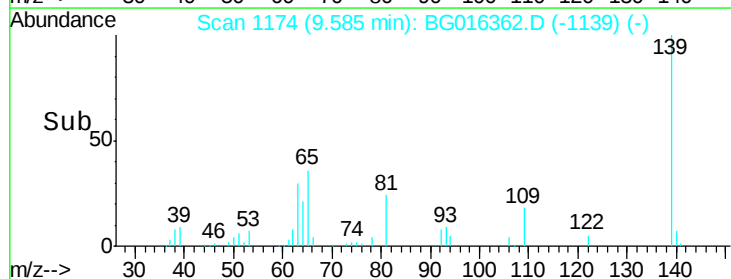
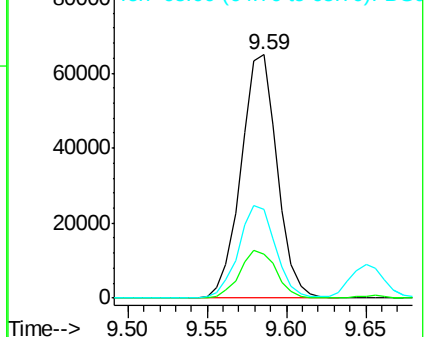
139 100

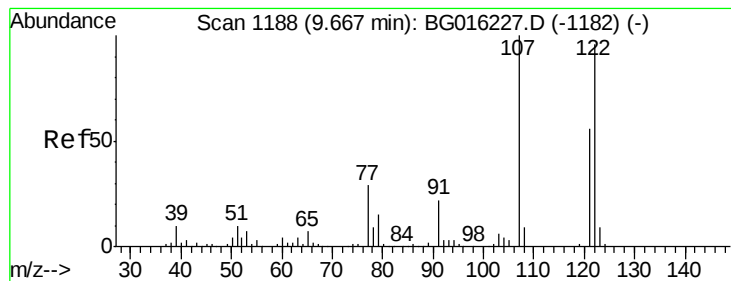
109 18.3 15.9 23.9

65 36.6 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: 28.51 ng

RT: 9.65 min Scan# 1185

Delta R.T. 0.00 min

Lab File: BG016362.D

Acq: 13 Apr 2015 16:07

Instrument :

BNA_G

ClientSampleId :

F5-025MSD

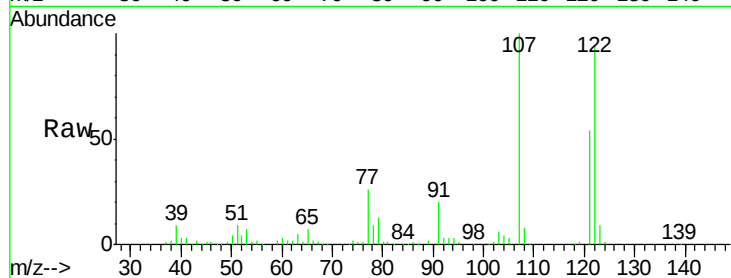
Tgt Ion: 122 Resp: 174887

Ion Ratio Lower Upper

122 100

107 106.4 83.4 125.2

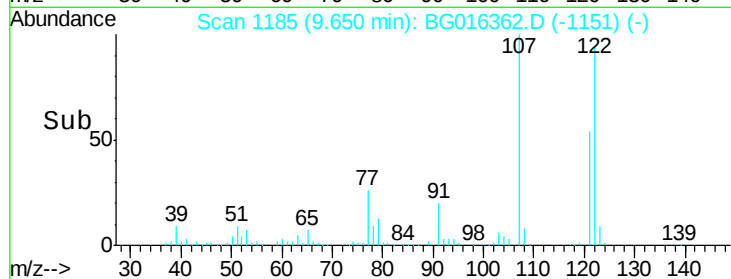
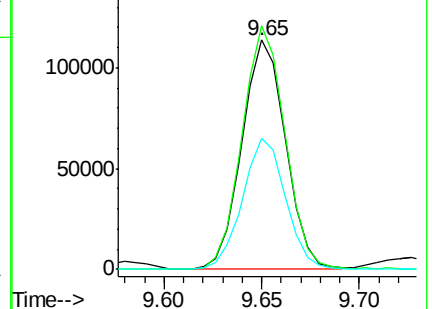
121 57.0 46.2 69.4



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: 25.83 ng

RT: 9.88 min Scan# 1224

Delta R.T. 0.00 min

Lab File: BG016362.D

Acq: 13 Apr 2015 16:07

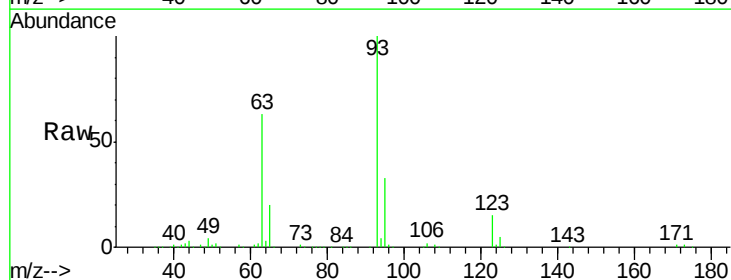
Tgt Ion: 93 Resp: 216226

Ion Ratio Lower Upper

93 100

95 33.5 26.1 39.1

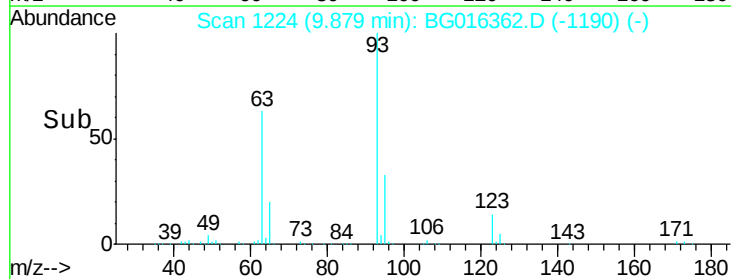
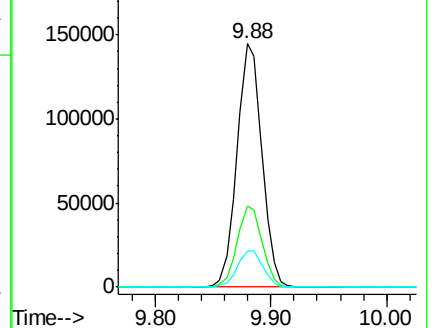
123 14.7 11.8 17.8

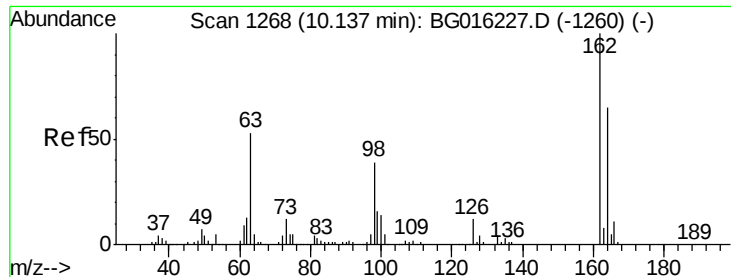


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

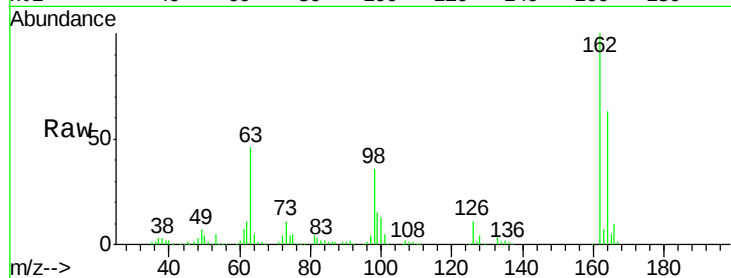




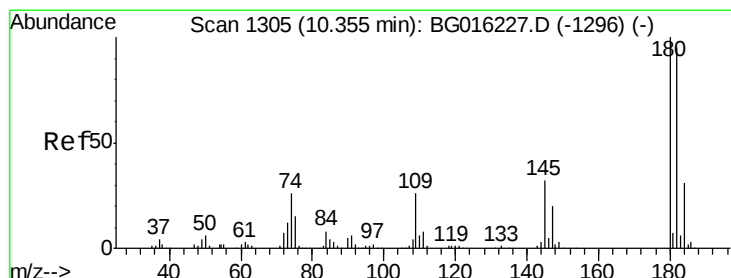
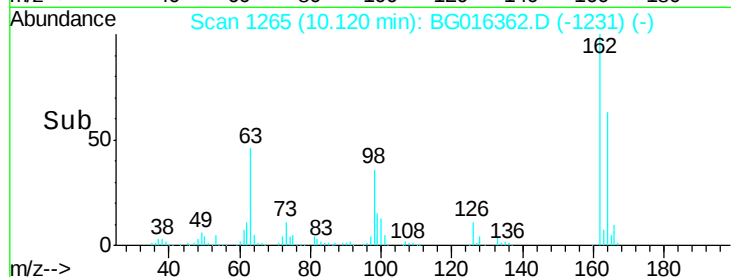
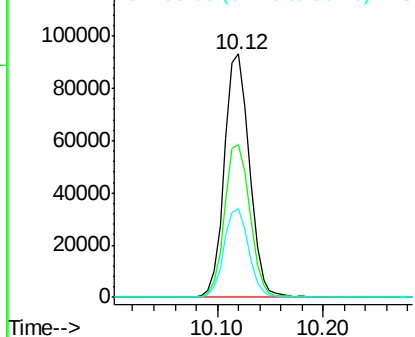
#29
 2,4-Dichlorophenol
 Concen: 31.59 ng
 RT: 10.12 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: BG016362.D
 Acq: 13 Apr 2015 16:07

Instrument :
 BNA_G
 ClientSampleId :
 F5-025MSD

Tgt Ion:162 Resp: 153282
 Ion Ratio Lower Upper
 162 100
 164 62.9 45.0 85.0
 98 36.2 19.1 59.1

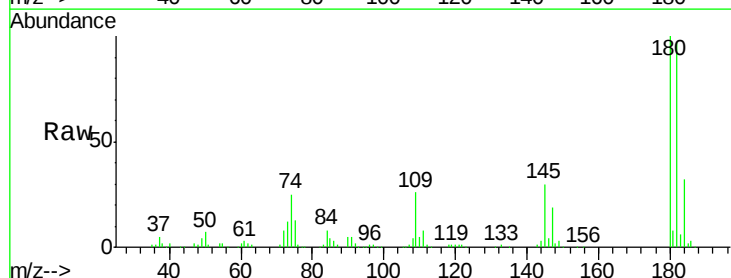


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

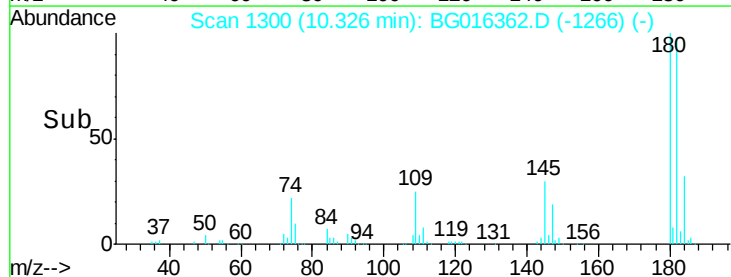
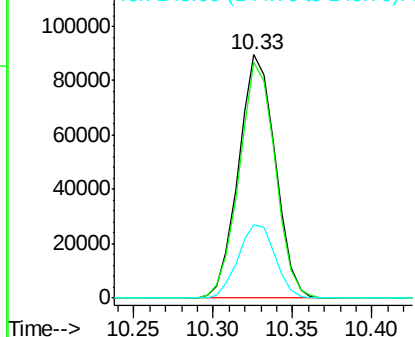


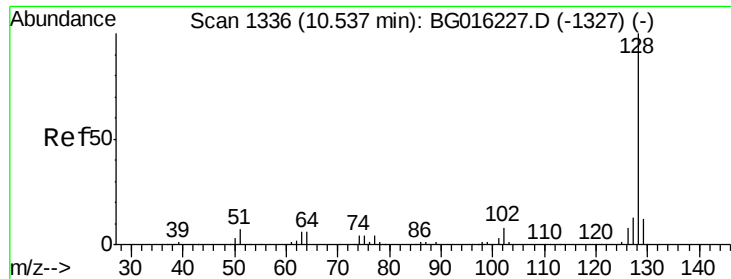
#30
 1,2,4-Trichlorobenzene
 Concen: 28.39 ng
 RT: 10.33 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BG016362.D
 Acq: 13 Apr 2015 16:07

Tgt Ion:180 Resp: 143852
 Ion Ratio Lower Upper
 180 100
 182 97.0 76.3 114.5
 145 30.0 25.2 37.8



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

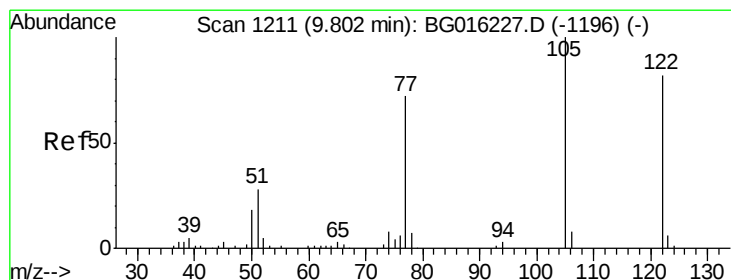
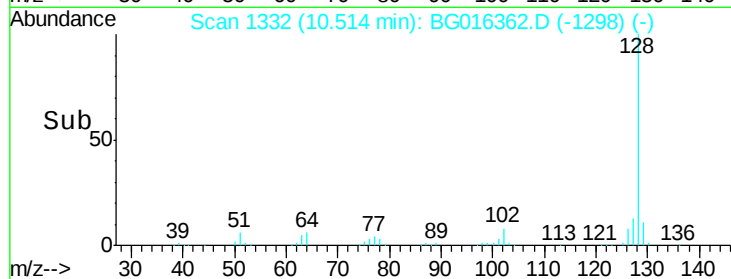
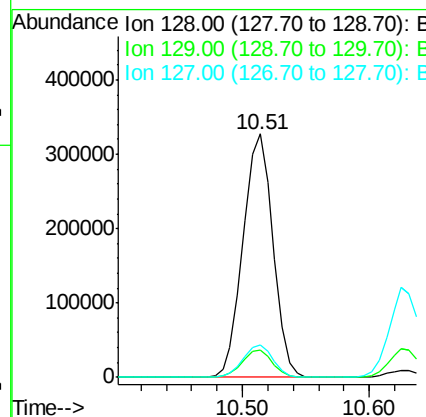
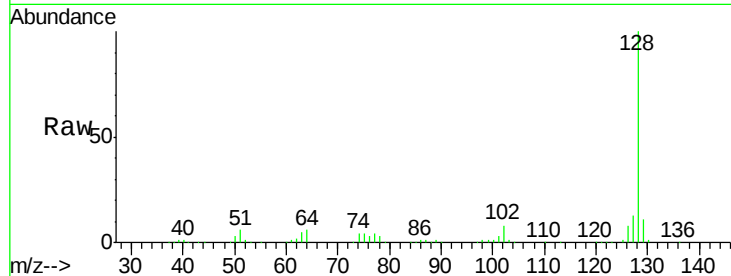




#31
Naphthalene
Concen: 26.89 ng
RT: 10.51 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BG016362.D
Acq: 13 Apr 2015 16:07

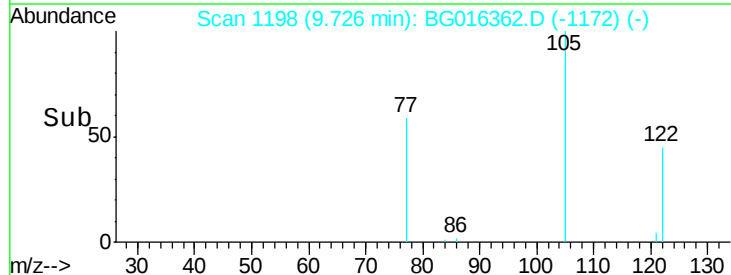
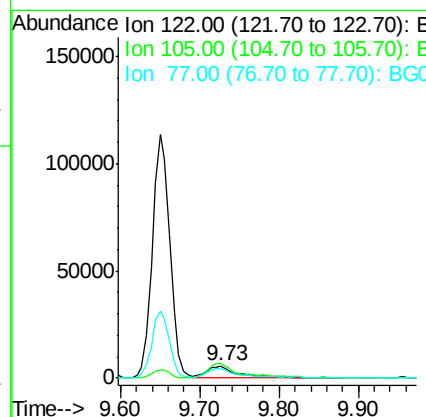
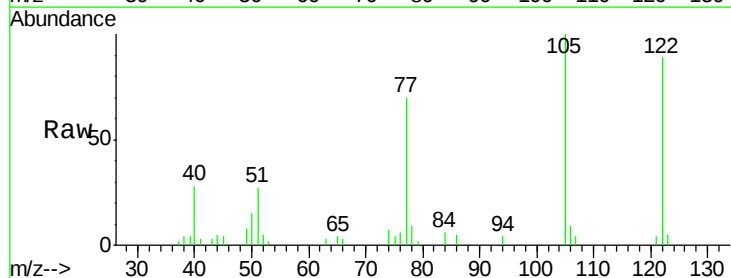
Instrument :
BNA_G
ClientSampleId :
F5-025MSD

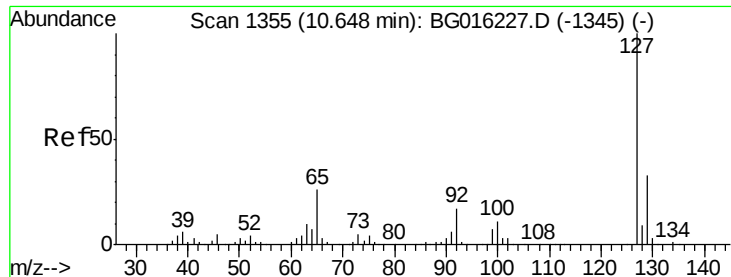
Tgt Ion:128 Resp: 535947
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 12.19 ng
RT: 9.73 min Scan# 1198
Delta R.T. -0.05 min
Lab File: BG016362.D
Acq: 13 Apr 2015 16:07

Tgt Ion:122 Resp: 16896
Ion Ratio Lower Upper
122 100
105 112.5 99.7 139.7
77 79.0 66.8 106.8

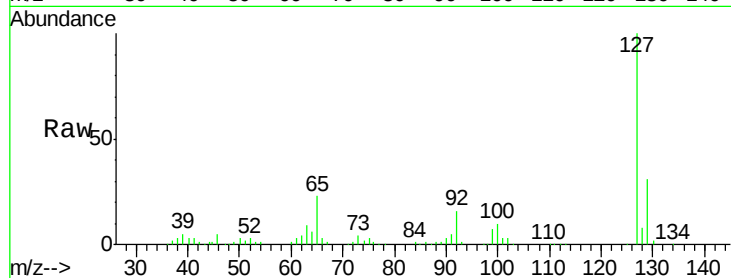




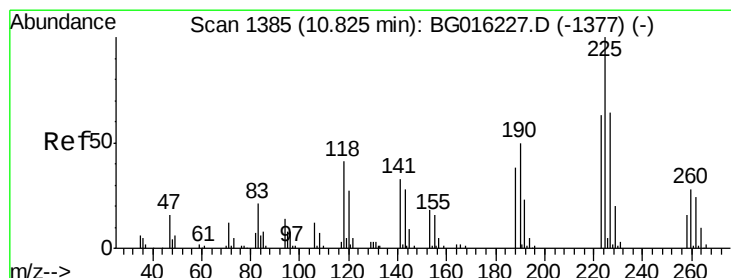
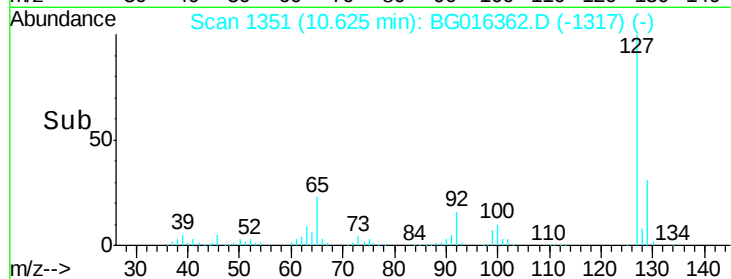
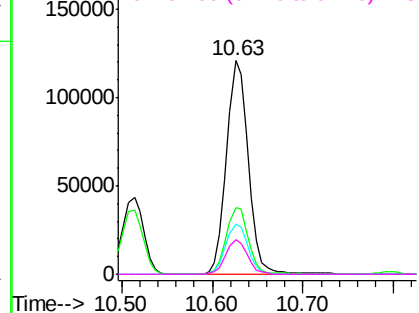
#33
4-Chloroaniline
Concen: 21.65 ng
RT: 10.63 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BG016362.D
Acq: 13 Apr 2015 16:07

Instrument :
BNA_G
ClientSampleId :
F5-025MSD

Tgt Ion:	127	Resp:	202462
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.1	39.1
65	23.4	21.2	31.8
92	16.2	13.8	20.6

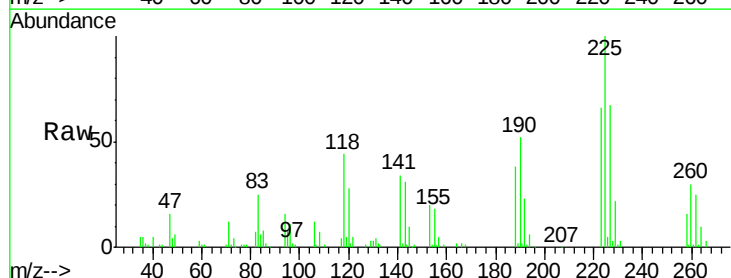


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

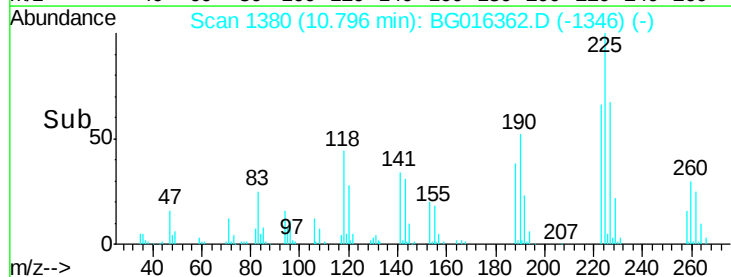
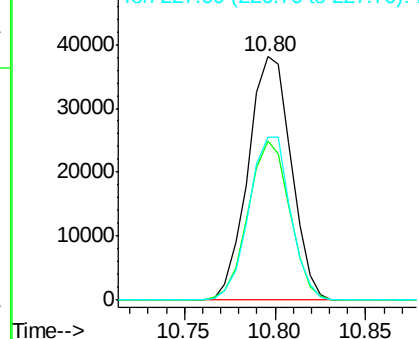


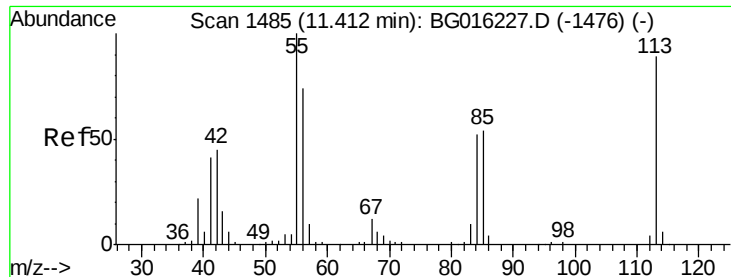
#34
Hexachlorobutadiene
Concen: 28.25 ng
RT: 10.80 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BG016362.D
Acq: 13 Apr 2015 16:07

Tgt Ion:	225	Resp:	62873
Ion	Ratio	Lower	Upper
225	100		
223	65.6	50.4	75.6
227	67.0	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: 28.50 ng

RT: 11.38 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BG016362.D

Acq: 13 Apr 2015 16:07

Instrument :

BNA_G

ClientSampleId :

F5-025MSD

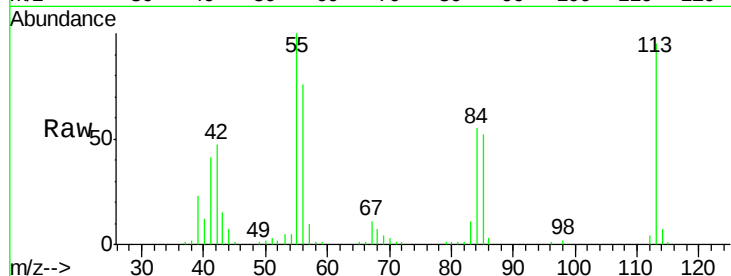
Tgt Ion:113 Resp: 87071

Ion Ratio Lower Upper

113 100

55 105.0 92.4 132.4

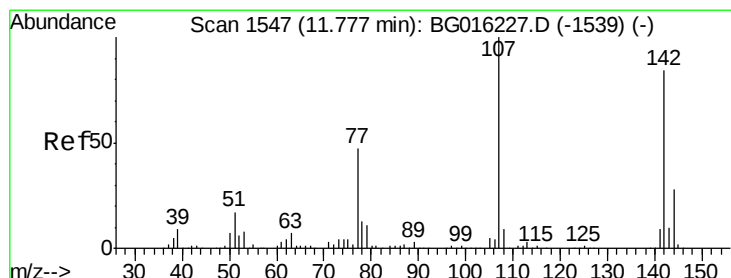
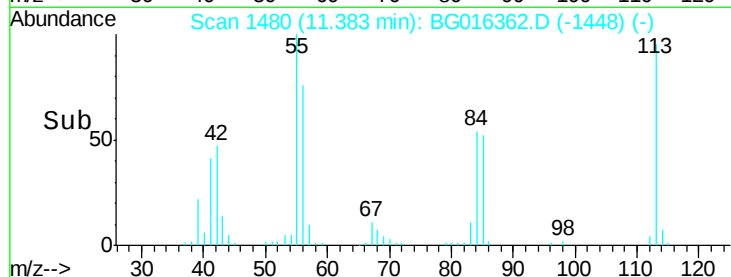
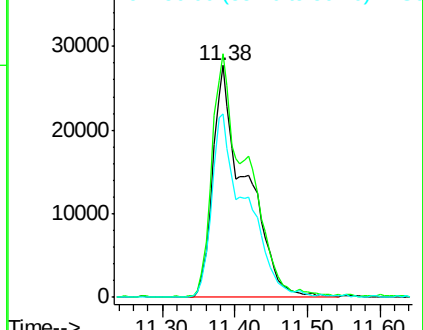
56 79.3 63.2 103.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 28.32 ng

RT: 11.77 min Scan# 1545

Delta R.T. 0.00 min

Lab File: BG016362.D

Acq: 13 Apr 2015 16:07

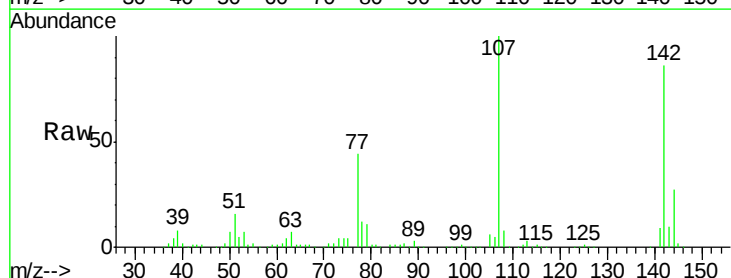
Tgt Ion:107 Resp: 181537

Ion Ratio Lower Upper

107 100

144 27.5 22.0 33.0

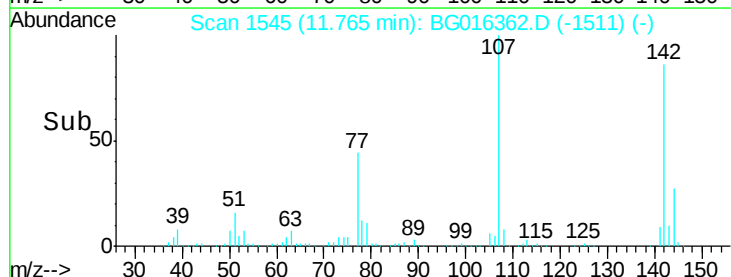
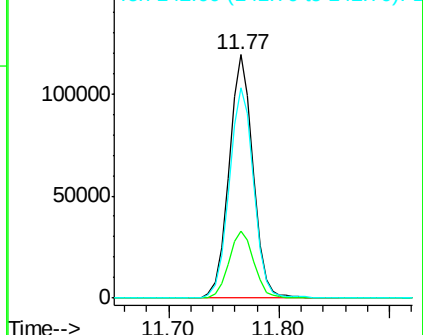
142 86.3 67.0 100.6

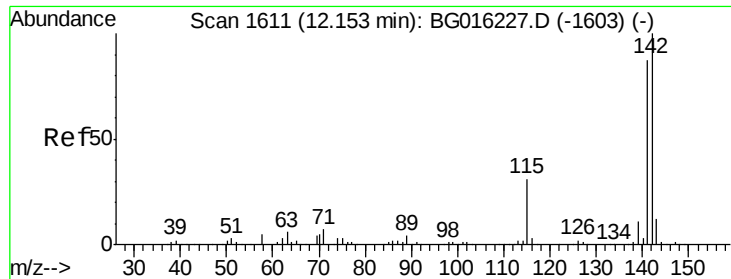


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

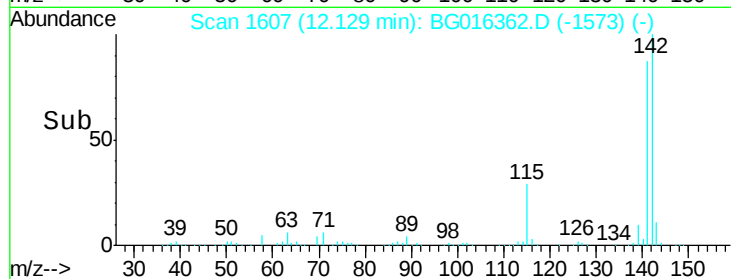
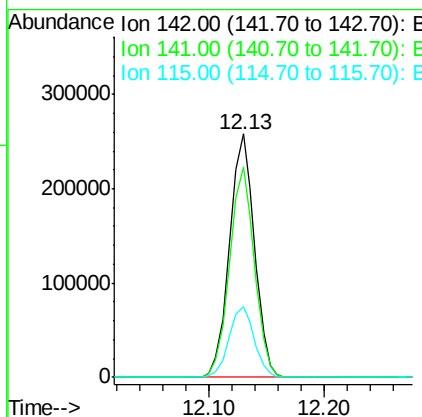
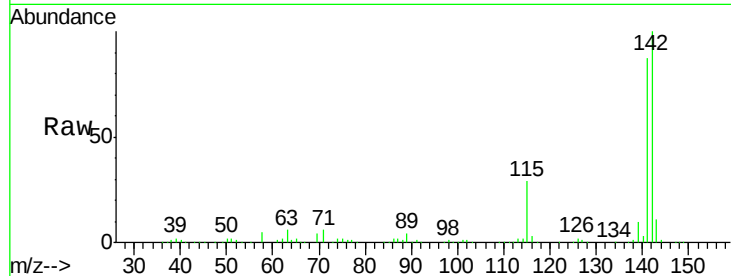




#37
2-Methylnaphthalene
Concen: 26.84 ng
RT: 12.13 min Scan# 1607
Delta R.T. 0.00 min
Lab File: BG016362.D
Acq: 13 Apr 2015 16:07

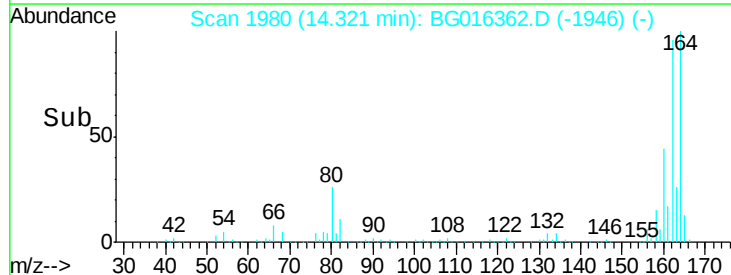
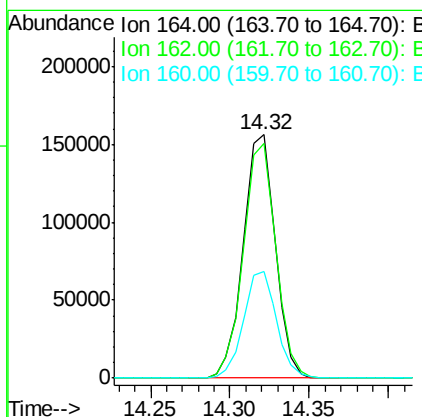
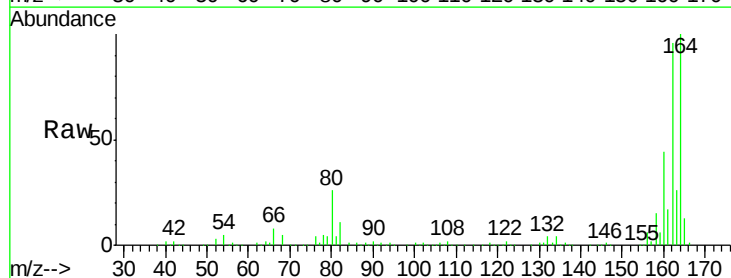
Instrument :
BNA_G
ClientSampleId :
F5-025MSD

Tgt Ion:142 Resp: 384881
Ion Ratio Lower Upper
142 100
141 86.5 69.3 103.9
115 29.3 25.0 37.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.32 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG016362.D
Acq: 13 Apr 2015 16:07

Tgt Ion:164 Resp: 219408
Ion Ratio Lower Upper
164 100
162 96.2 77.3 115.9
160 44.1 36.7 55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 27.61 ng

RT: 12.50 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BG016362.D

Acq: 13 Apr 2015 16:07

Instrument :

BNA_G

ClientSampleId :

F5-025MSD

Tgt Ion:216 Resp: 133366

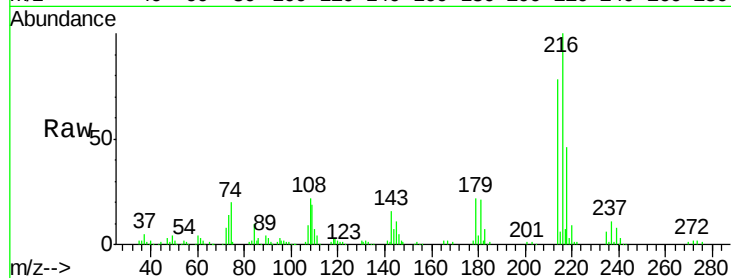
Ion Ratio Lower Upper

216 100

214 79.1 63.4 95.0

179 22.1 18.2 27.2

108 25.4 21.2 31.8

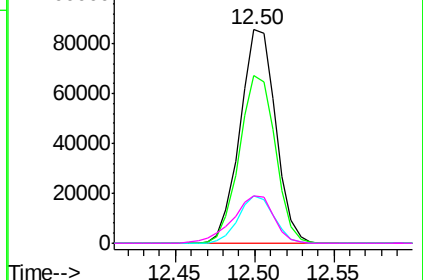
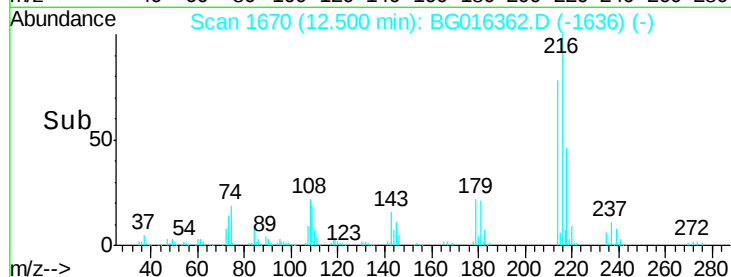


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 50.61 ng

RT: 12.48 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BG016362.D

Acq: 13 Apr 2015 16:07

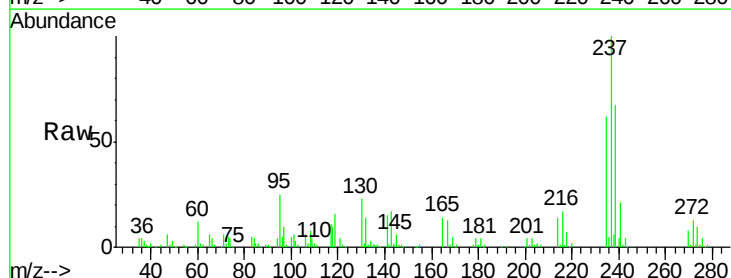
Tgt Ion:237 Resp: 111901

Ion Ratio Lower Upper

237 100

235 61.5 43.9 83.9

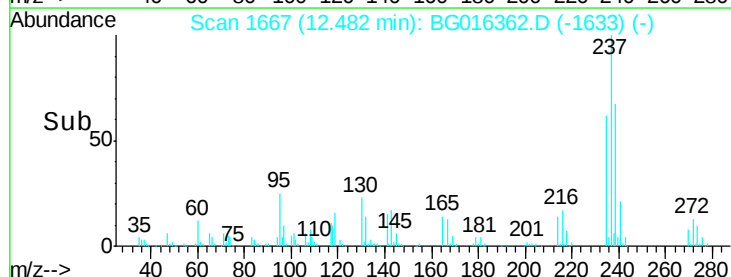
272 13.2 0.0 33.1



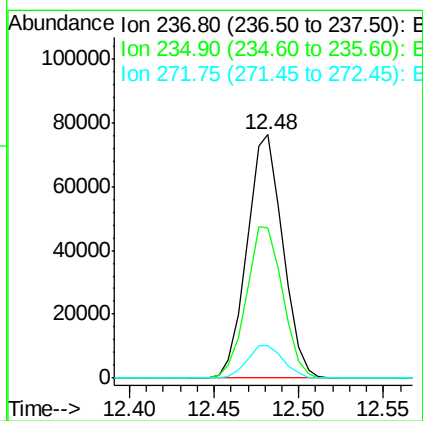
Abundance Ion 236.80 (236.50 to 237.50): E

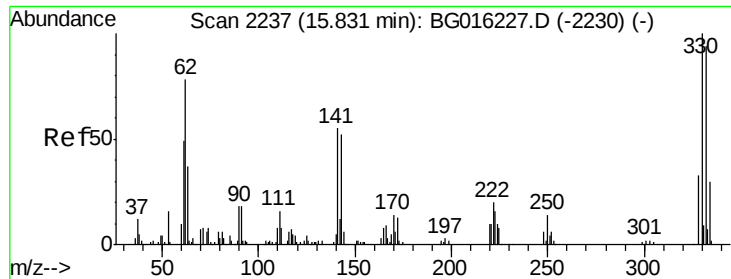
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

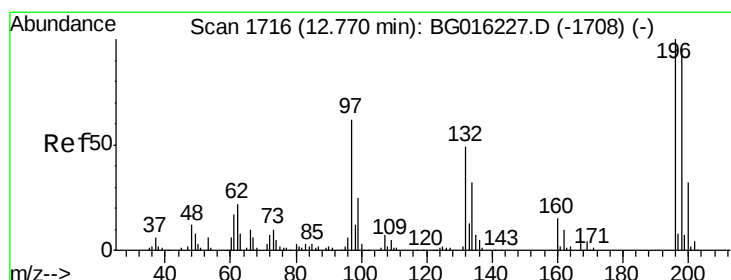
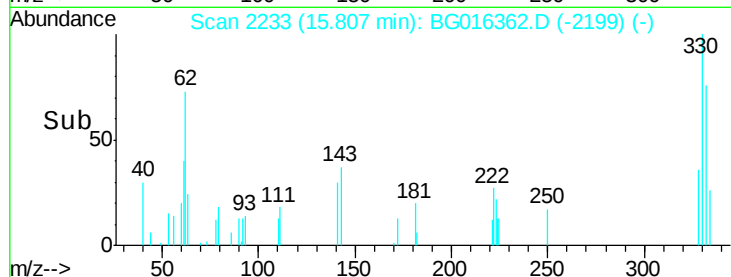
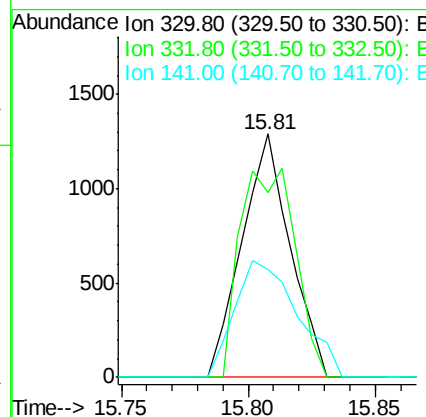
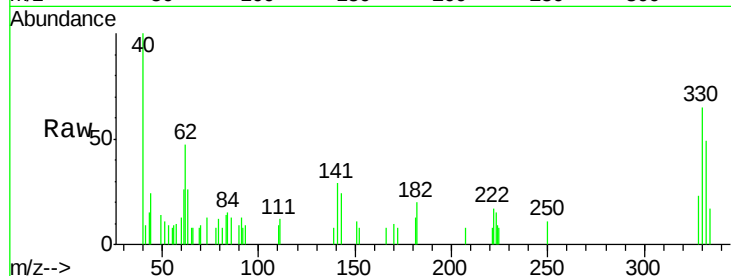




#41
 2,4,6-Tribromophenol
 Concen: 1.15 ng
 RT: 15.81 min Scan# 2233
 Delta R.T. 0.00 min
 Lab File: BG016362.D
 Acq: 13 Apr 2015 16:07

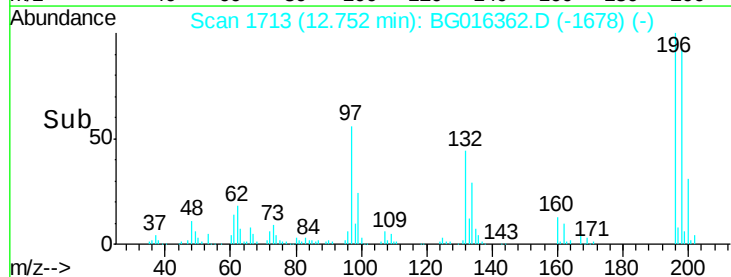
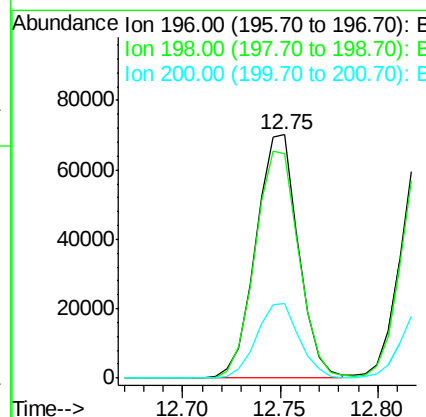
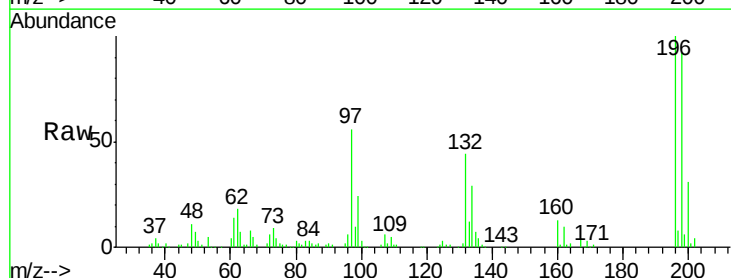
Instrument :
 BNA_G
 ClientSampleId :
 F5-025MSD

Tgt Ion:330 Resp: 1711
 Ion Ratio Lower Upper
 330 100
 332 98.2 75.8 113.6
 141 62.2 46.6 69.8



#42
 2,4,6-Trichlorophenol
 Concen: 29.47 ng
 RT: 12.75 min Scan# 1713
 Delta R.T. 0.01 min
 Lab File: BG016362.D
 Acq: 13 Apr 2015 16:07

Tgt Ion:196 Resp: 105771
 Ion Ratio Lower Upper
 196 100
 198 91.9 77.2 115.8
 200 30.6 25.3 37.9

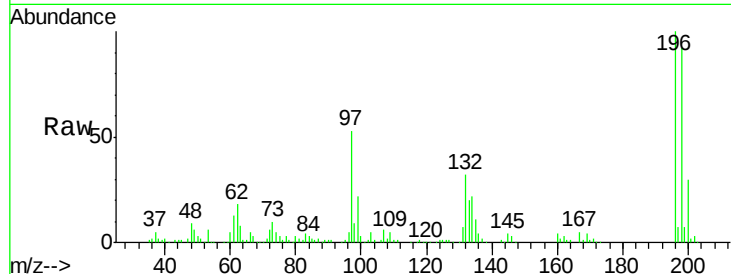




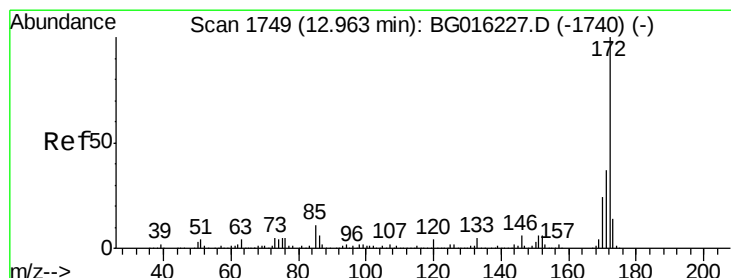
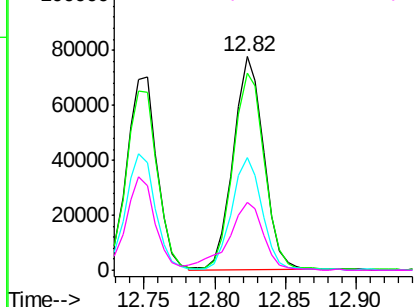
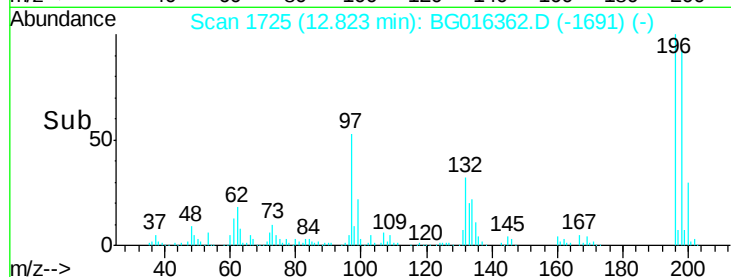
#43
 2,4,5-Trichlorophenol
 Concen: 30.42 ng
 RT: 12.82 min Scan# 1725
 Delta R.T. 0.00 min
 Lab File: BG016362.D
 Acq: 13 Apr 2015 16:07

Instrument :
 BNA_G
 ClientSampleId :
 F5-025MSD

Tgt Ion	Resp	Lower	Upper
196	116675		
198	92.2	77.1	115.7
97	52.9	46.6	69.8
132	31.9	27.0	40.6

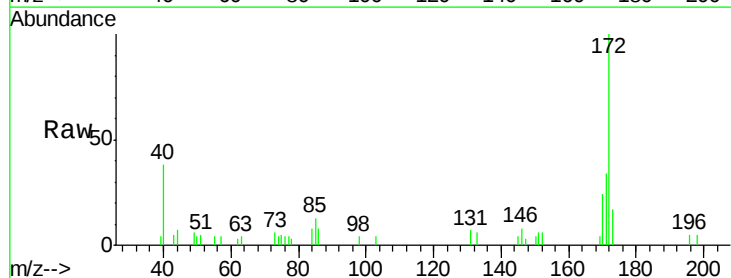


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

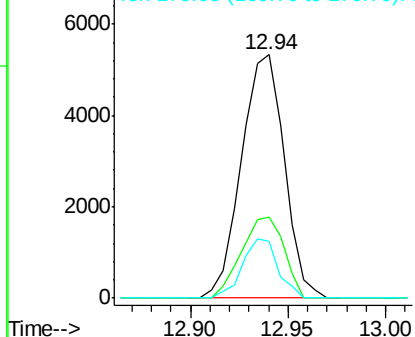
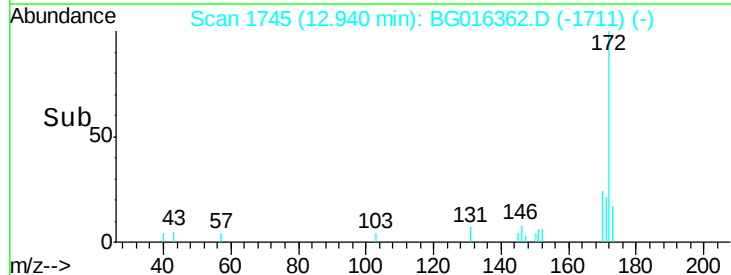


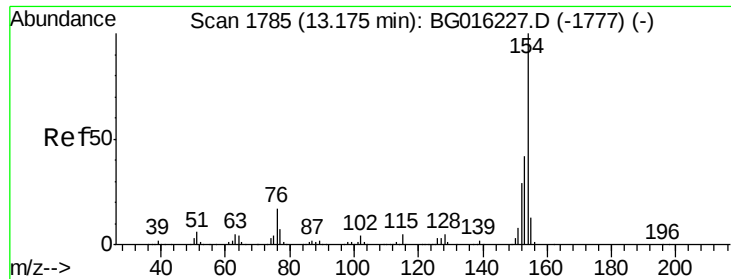
#44
 2-Fluorobiphenyl
 Concen: 0.63 ng
 RT: 12.94 min Scan# 1745
 Delta R.T. 0.00 min
 Lab File: BG016362.D
 Acq: 13 Apr 2015 16:07

Tgt Ion	Resp	Lower	Upper
172	8103		
171	33.5	29.6	44.4
170	23.5	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

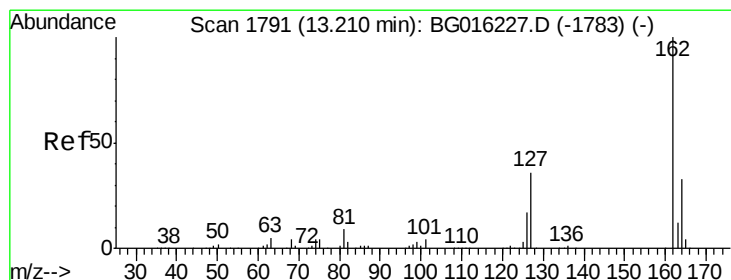
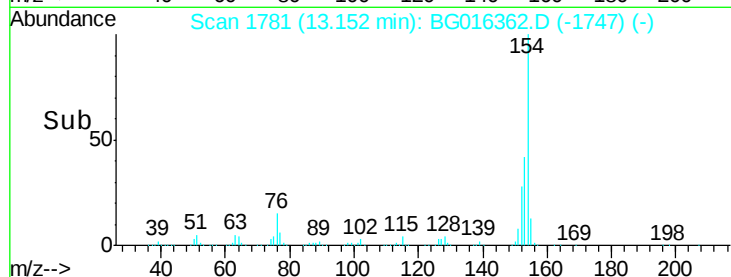
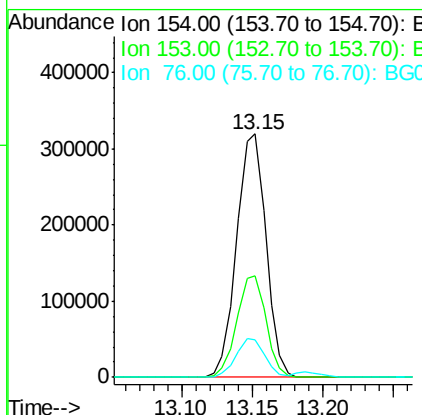
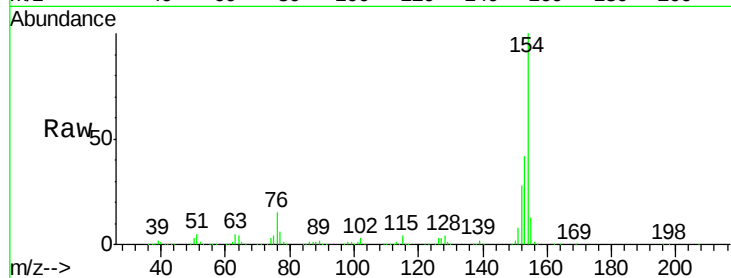




#45
 1,1'-Biphenyl
 Concen: 27.57 ng
 RT: 13.15 min Scan# 1781
 Delta R.T. 0.00 min
 Lab File: BG016362.D
 Acq: 13 Apr 2015 16:07

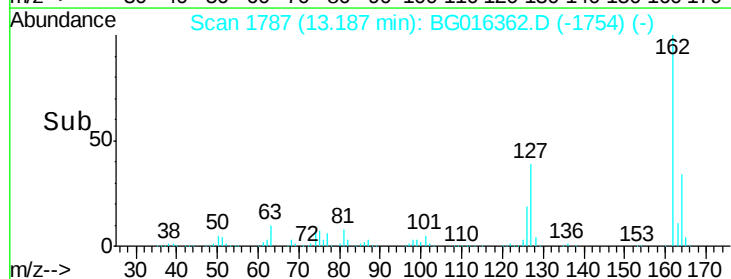
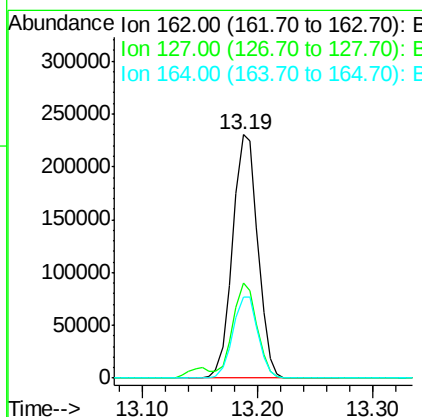
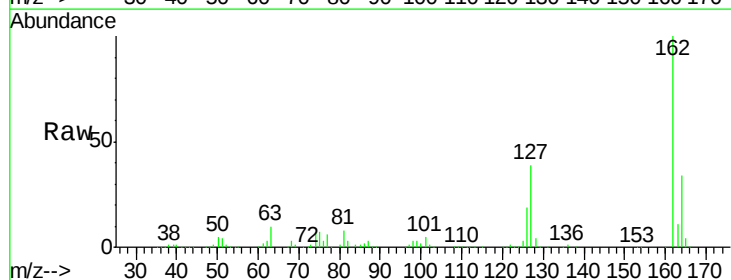
Instrument :
 BNA_G
 ClientSampleId :
 F5-025MSD

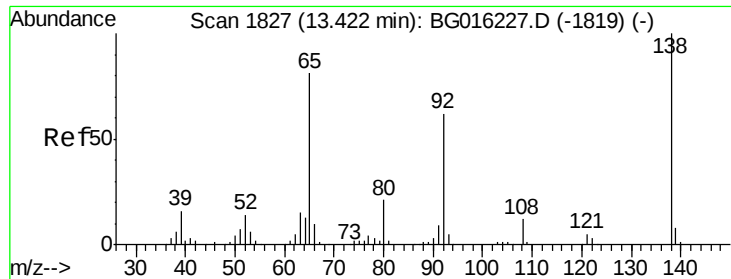
Tgt Ion:154 Resp: 464048
 Ion Ratio Lower Upper
 154 100
 153 41.8 22.4 62.4
 76 15.4 0.0 37.1



#46
 2-Chloronaphthalene
 Concen: 27.09 ng
 RT: 13.19 min Scan# 1787
 Delta R.T. -0.01 min
 Lab File: BG016362.D
 Acq: 13 Apr 2015 16:07

Tgt Ion:162 Resp: 347343
 Ion Ratio Lower Upper
 162 100
 127 39.1 30.8 46.2
 164 33.5 26.6 40.0

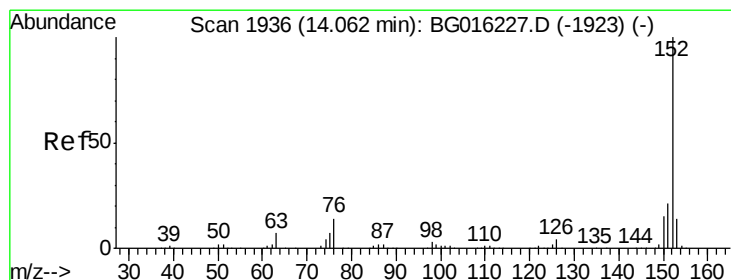
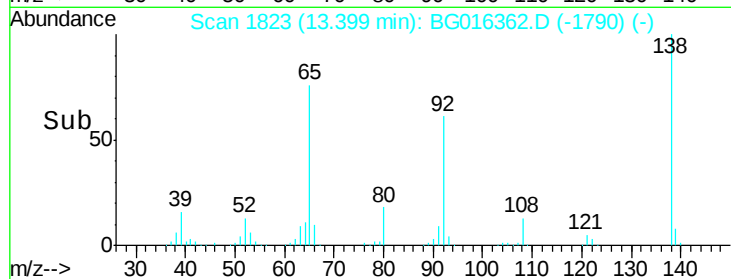
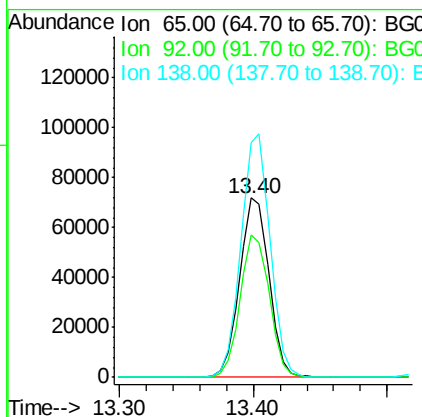
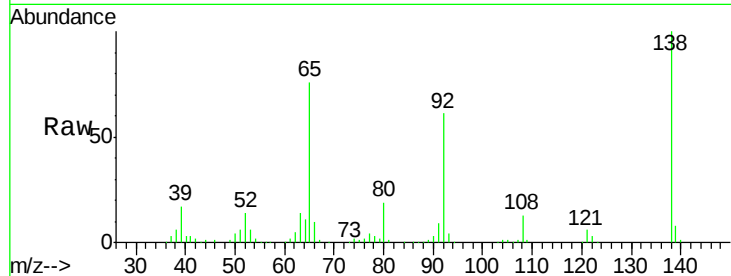




#47
 2-Nitroaniline
 Concen: 26.38 ng
 RT: 13.40 min Scan# 1823
 Delta R.T. -0.00 min
 Lab File: BG016362.D
 Acq: 13 Apr 2015 16:07

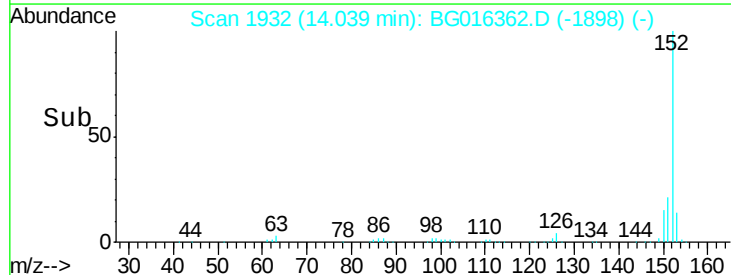
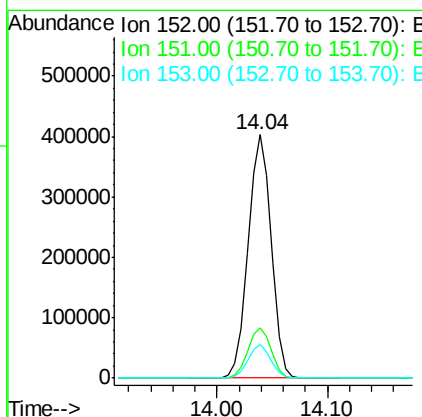
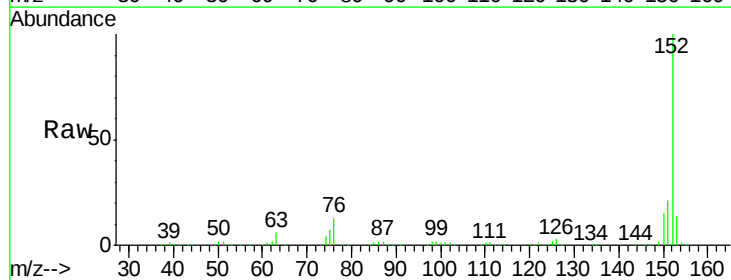
Instrument :
 BNA_G
 ClientSampleId :
 F5-025MSD

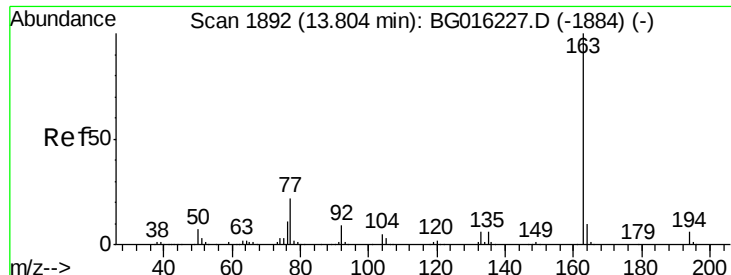
Tgt Ion: 65 Resp: 109033
 Ion Ratio Lower Upper
 65 100
 92 79.8 61.0 91.6
 138 131.2 98.7 148.1



#48
 Acenaphthylene
 Concen: 25.94 ng
 RT: 14.04 min Scan# 1932
 Delta R.T. 0.00 min
 Lab File: BG016362.D
 Acq: 13 Apr 2015 16:07

Tgt Ion: 152 Resp: 591494
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.5 24.7
 153 13.9 11.1 16.7





#49

Dimethylphthalate

Concen: 28.28 ng

RT: 13.78 min Scan# 1888

Delta R.T. 0.00 min

Lab File: BG016362.D

Acq: 13 Apr 2015 16:07

Instrument :

BNA_G

ClientSampleId :

F5-025MSD

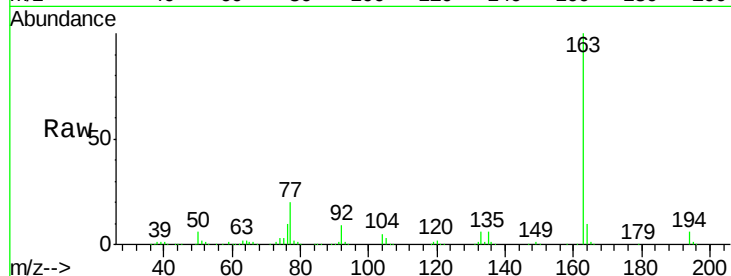
Tgt Ion:163 Resp: 454820

Ion Ratio Lower Upper

163 100

194 6.0 5.0 7.4

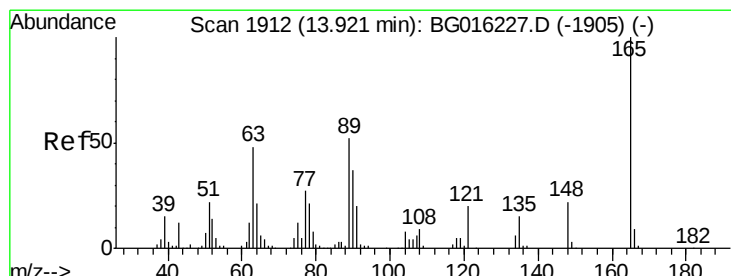
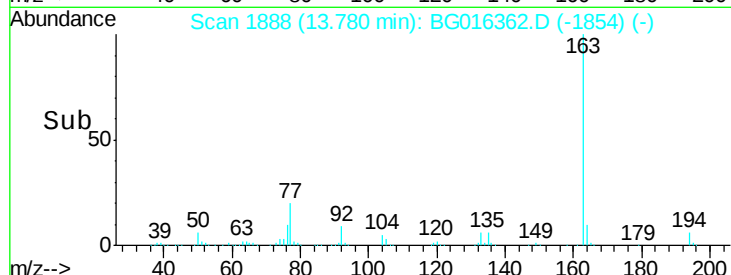
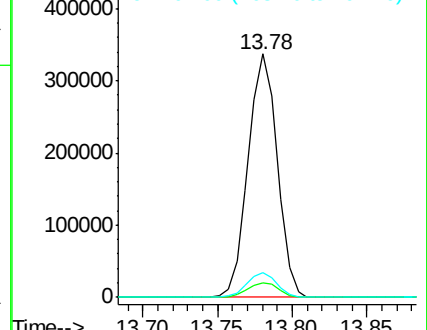
164 10.3 8.2 12.4



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: 27.53 ng

RT: 13.90 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BG016362.D

Acq: 13 Apr 2015 16:07

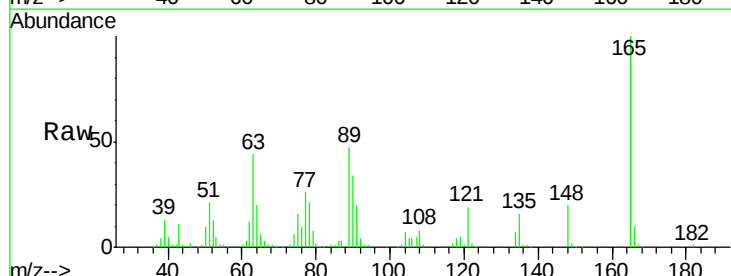
Tgt Ion:165 Resp: 107057

Ion Ratio Lower Upper

165 100

63 44.3 39.3 58.9

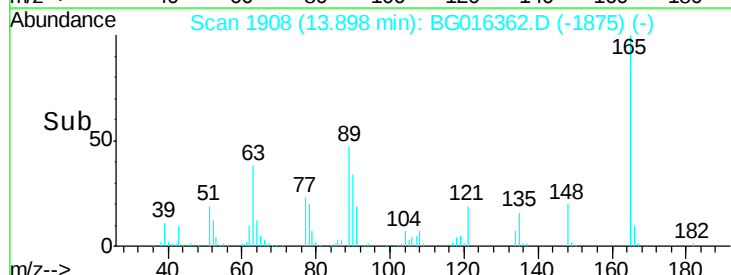
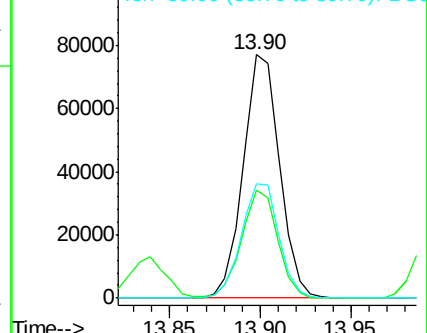
89 47.2 41.3 61.9

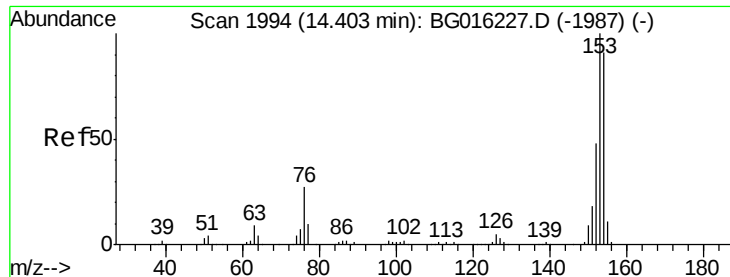


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 26.44 ng

RT: 14.38 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG016362.D

Acq: 13 Apr 2015 16:07

Instrument :

BNA_G

ClientSampleId :

F5-025MSD

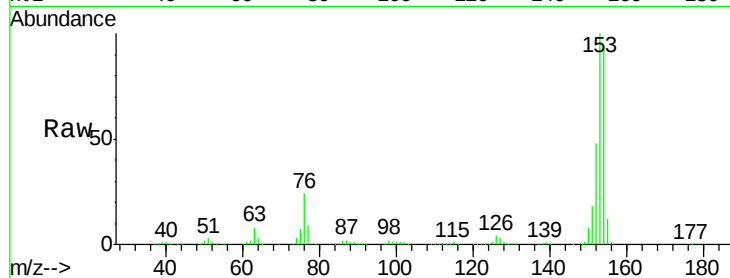
Tgt Ion:154 Resp: 360259

Ion Ratio Lower Upper

154 100

153 107.3 87.5 131.3

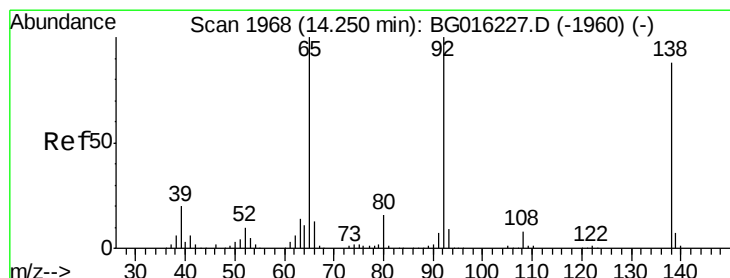
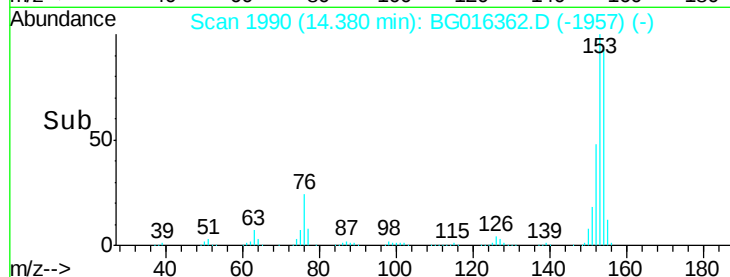
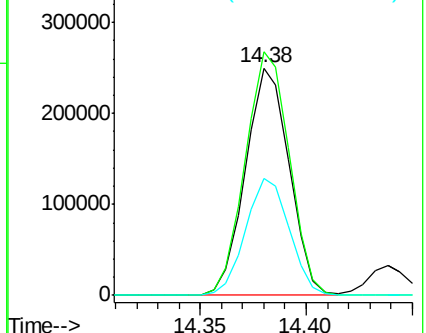
152 51.6 42.1 63.1



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: 24.14 ng

RT: 14.23 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BG016362.D

Acq: 13 Apr 2015 16:07

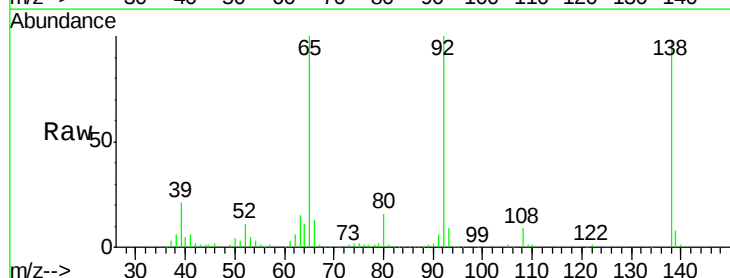
Tgt Ion:138 Resp: 119916

Ion Ratio Lower Upper

138 100

108 9.3 7.4 11.0

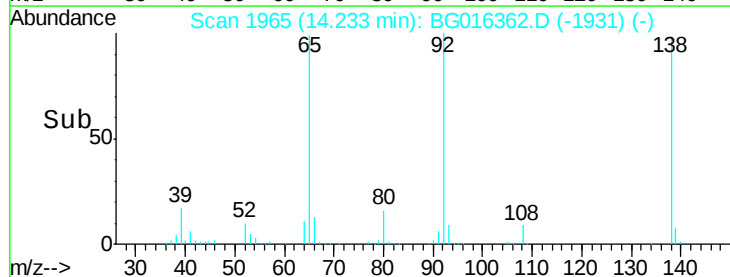
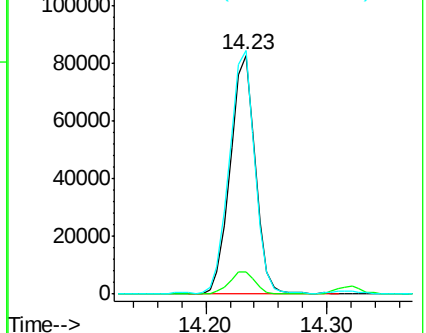
92 102.0 91.4 137.0

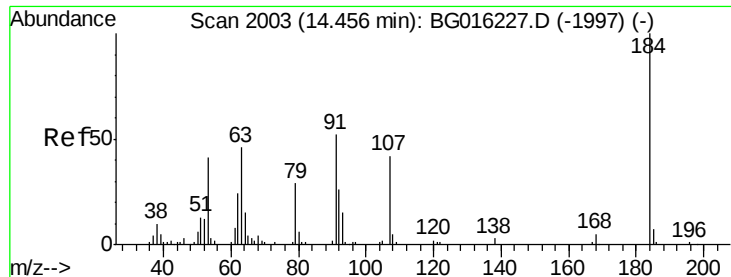


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

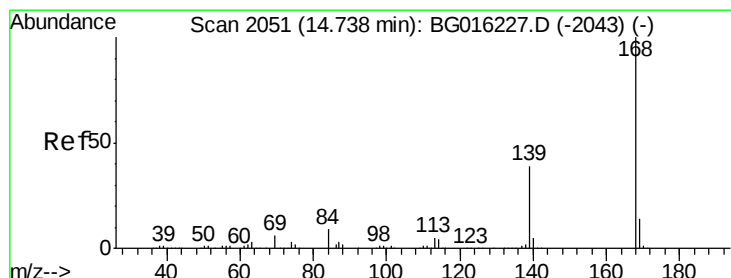
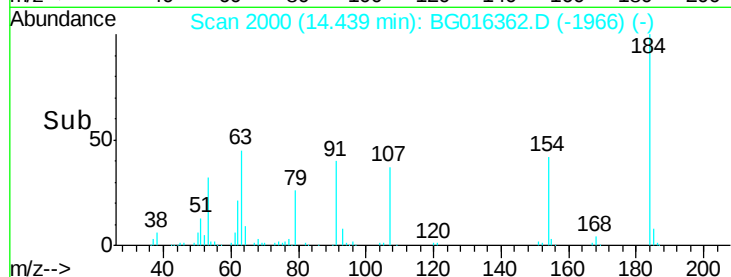
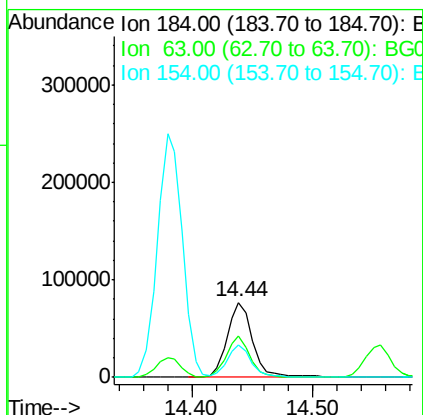
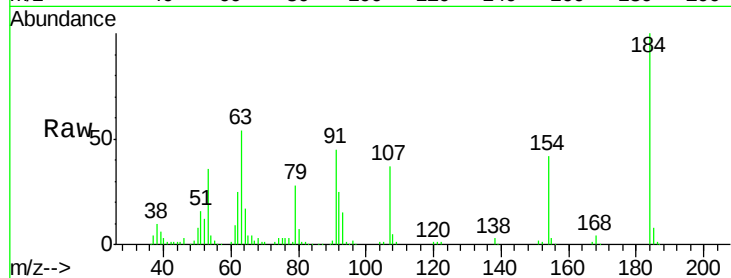




#53
2,4-Dinitrophenol
Concen: 53.21 ng
RT: 14.44 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG016362.D
Acq: 13 Apr 2015 16:07

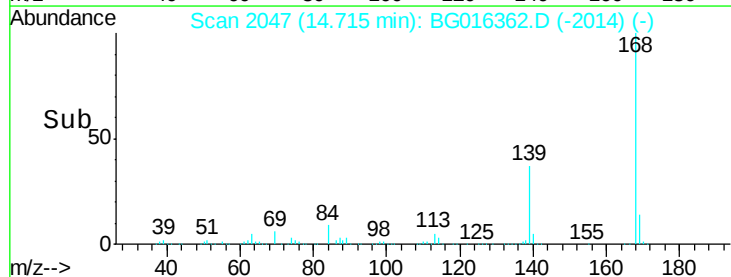
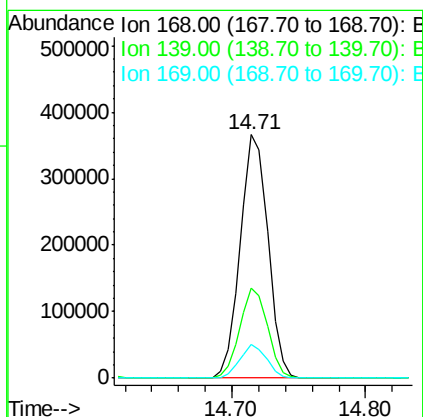
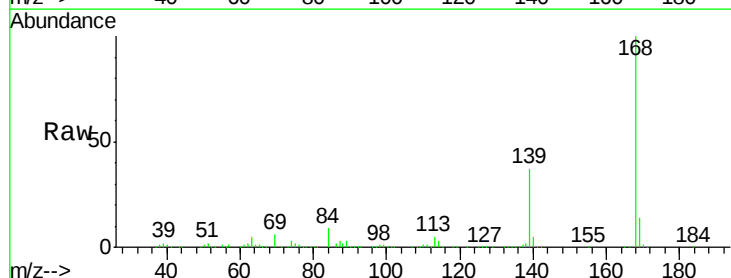
Instrument :
BNA_G
ClientSampleId :
F5-025MSD

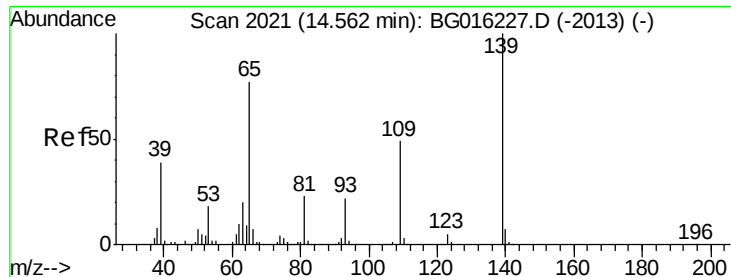
Tgt Ion:184 Resp: 112804
Ion Ratio Lower Upper
184 100
63 54.4 45.8 68.6
154 42.3 34.5 51.7



#54
Dibenzofuran
Concen: 27.78 ng
RT: 14.71 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BG016362.D
Acq: 13 Apr 2015 16:07

Tgt Ion:168 Resp: 525119
Ion Ratio Lower Upper
168 100
139 36.9 31.0 46.6
169 13.8 11.2 16.8

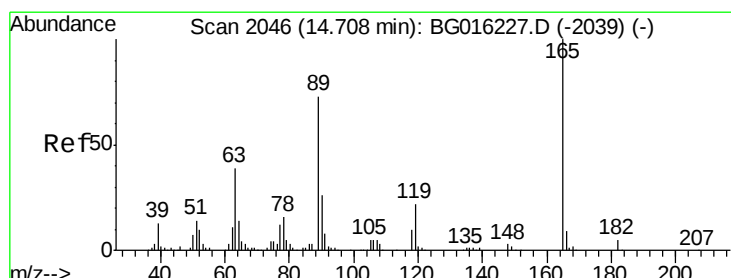
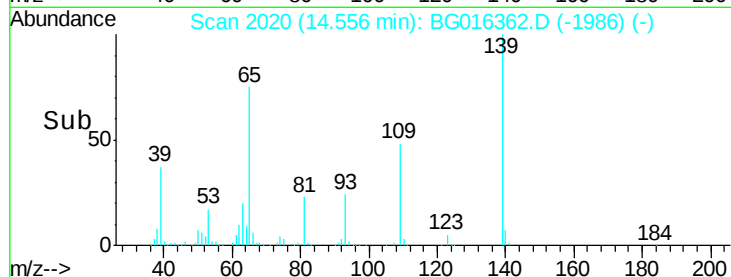
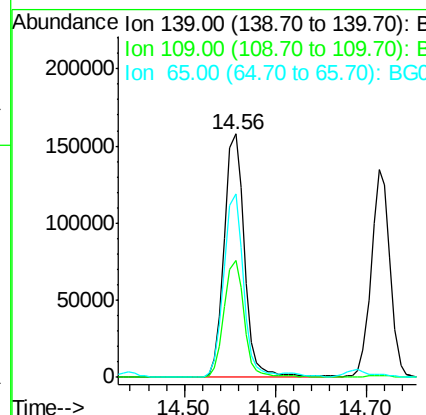
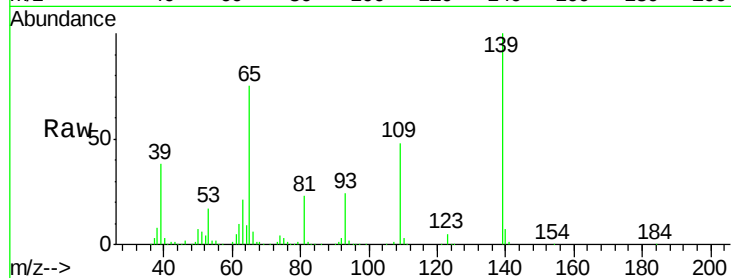




#55
4-Nitrophenol
Concen: 59.70 ng
RT: 14.56 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BG016362.D
Acq: 13 Apr 2015 16:07

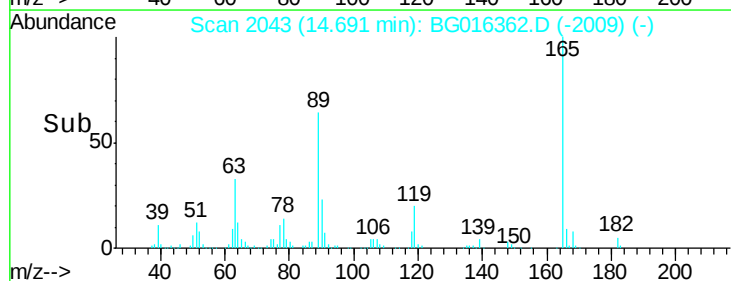
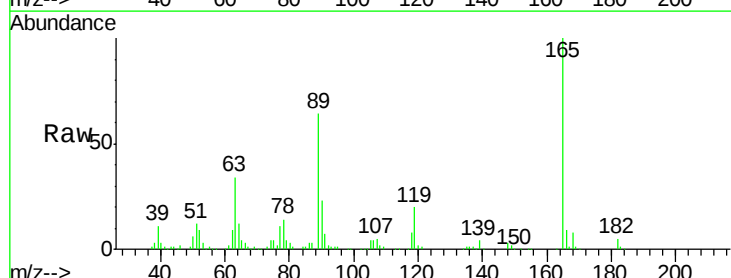
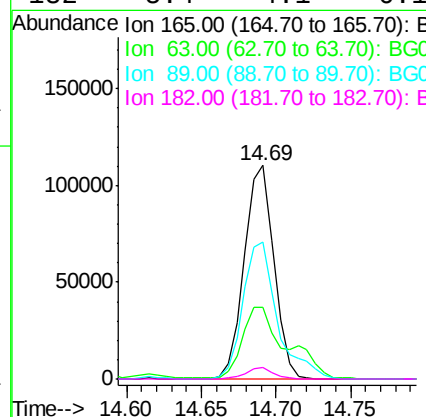
Instrument :
BNA_G
ClientSampleId :
F5-025MSD

Tgt Ion	Ratio	Lower	Upper
139	100		
109	47.9	28.5	68.5
65	75.1	56.9	96.9



#56
2,4-Dinitrotoluene
Concen: 28.69 ng
RT: 14.69 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BG016362.D
Acq: 13 Apr 2015 16:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	33.7	31.4	47.2
89	64.0	58.8	88.2
182	5.4	4.1	6.1





#57

Fluorene

Concen: 26.98 ng

RT: 15.37 min Scan# 2158

Delta R.T. 0.00 min

Lab File: BG016362.D

Acq: 13 Apr 2015 16:07

Instrument :

BNA_G

ClientSampleId :

F5-025MSD

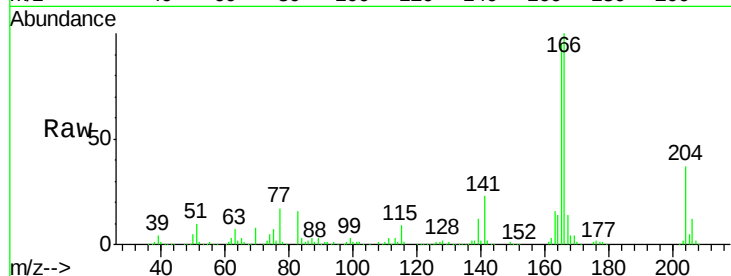
Tgt Ion:166 Resp: 449932

Ion Ratio Lower Upper

166 100

165 94.5 75.2 112.8

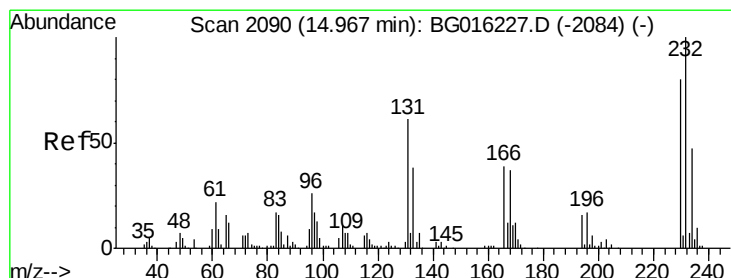
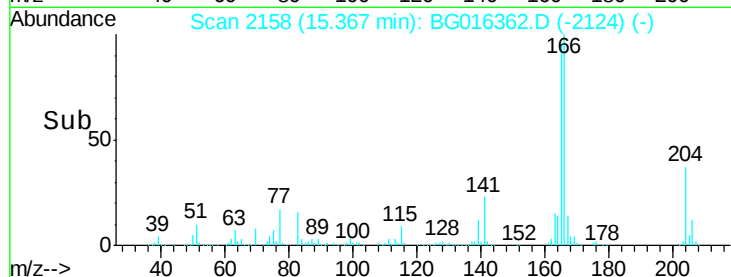
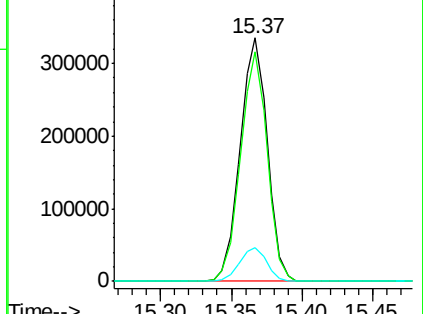
167 14.0 11.3 16.9



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: 30.86 ng

RT: 14.95 min Scan# 2087

Delta R.T. 0.00 min

Lab File: BG016362.D

Acq: 13 Apr 2015 16:07

Tgt Ion:232 Resp: 91326

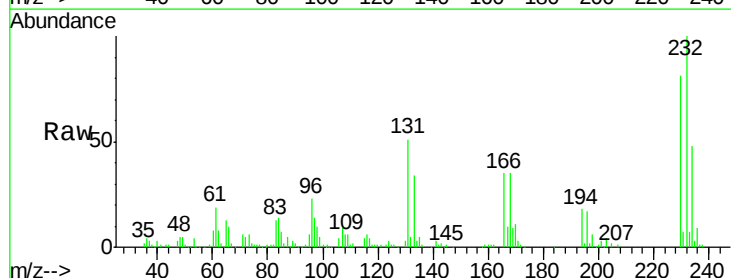
Ion Ratio Lower Upper

232 100

131 54.8 49.8 74.6

130 3.1 2.6 3.8

166 36.2 30.6 45.8

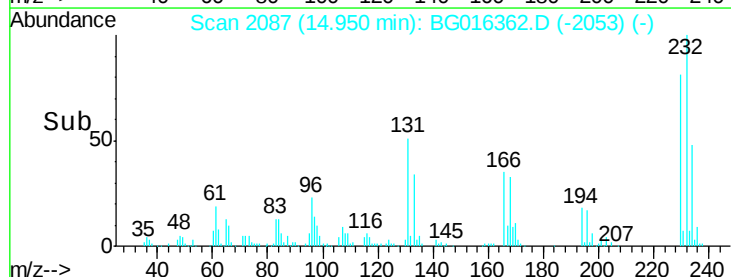
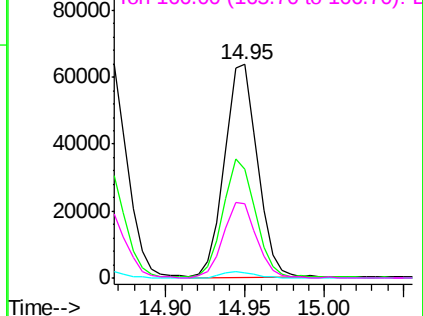


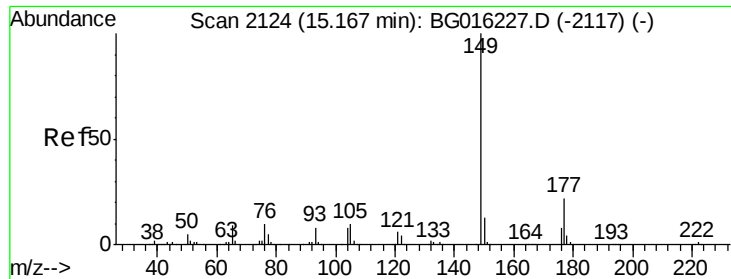
Abundance Ion 232.00 (231.70 to 232.70): E

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

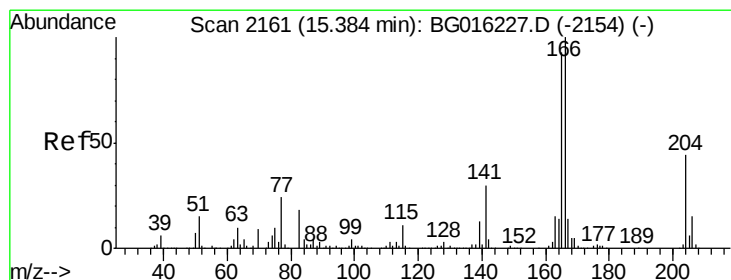
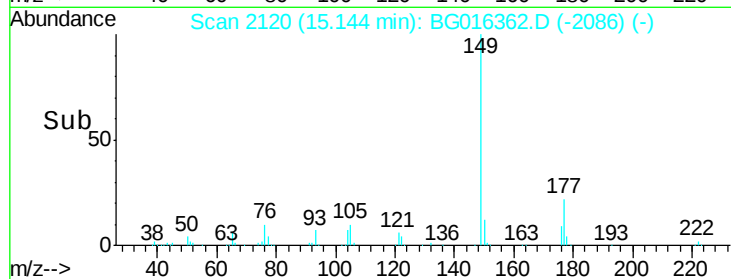
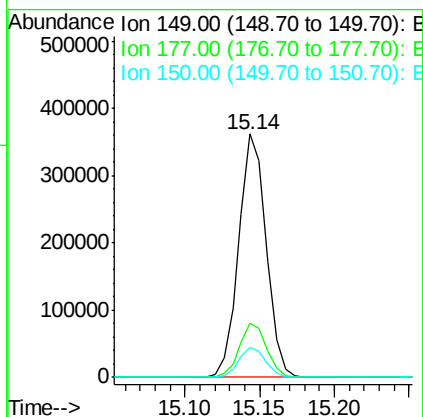
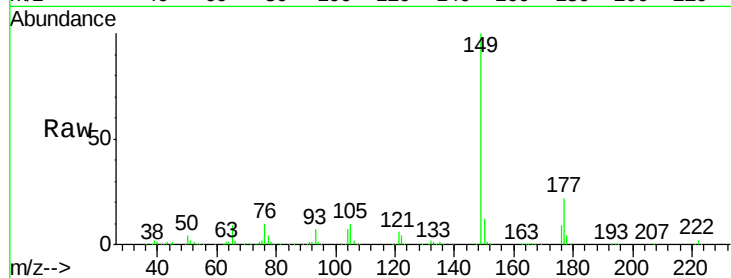




#59
Diethylphthalate
Concen: 26.95 ng
RT: 15.14 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BG016362.D
Acq: 13 Apr 2015 16:07

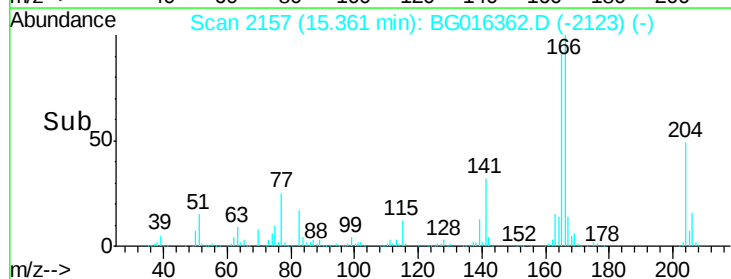
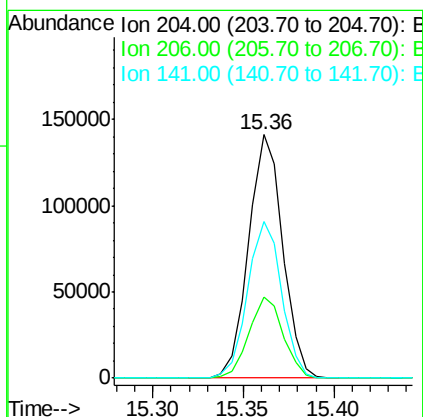
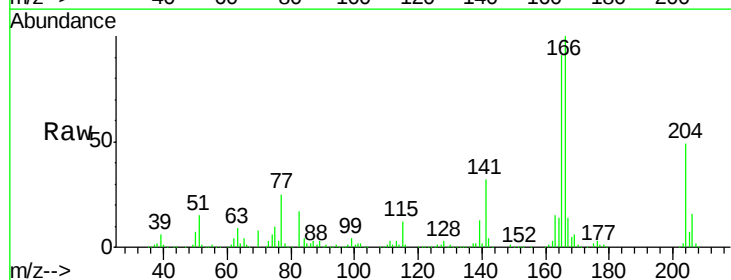
Instrument :
BNA_G
ClientSampleId :
F5-025MSD

Tgt Ion:149 Resp: 461215
Ion Ratio Lower Upper
149 100
177 22.2 17.7 26.5
150 12.3 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 27.05 ng
RT: 15.36 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BG016362.D
Acq: 13 Apr 2015 16:07

Tgt Ion:204 Resp: 184534
Ion Ratio Lower Upper
204 100
206 33.0 27.6 41.4
141 64.3 55.4 83.2





#61

4-Nitroaniline

Concen: 27.23 ng

RT: 15.40 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG016362.D

Acq: 13 Apr 2015 16:07

Instrument :

BNA_G

ClientSampleId :

F5-025MSD

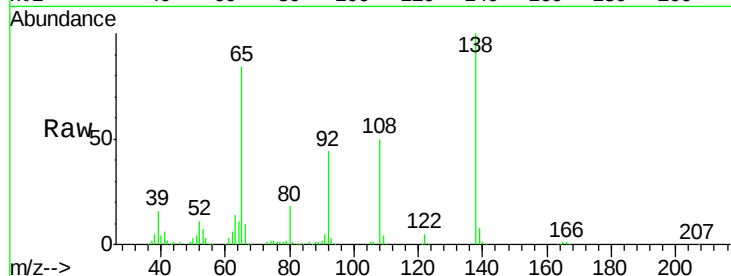
Tgt Ion:138 Resp: 153496

Ion Ratio Lower Upper

138 100

92 43.8 26.3 66.3

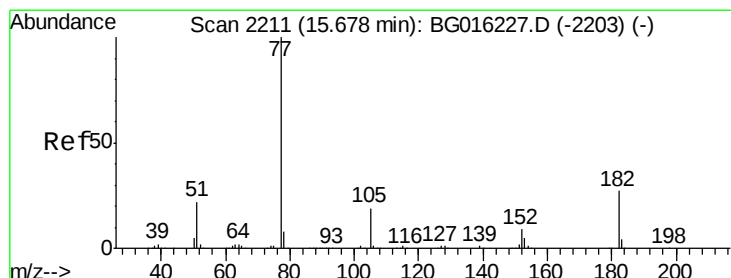
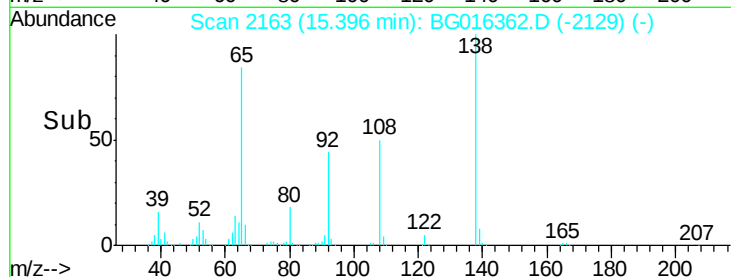
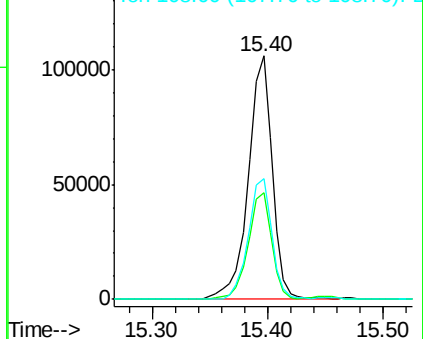
108 49.6 33.6 73.6



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: 26.36 ng

RT: 15.65 min Scan# 2207

Delta R.T. 0.00 min

Lab File: BG016362.D

Acq: 13 Apr 2015 16:07

Tgt Ion: 77 Resp: 480221

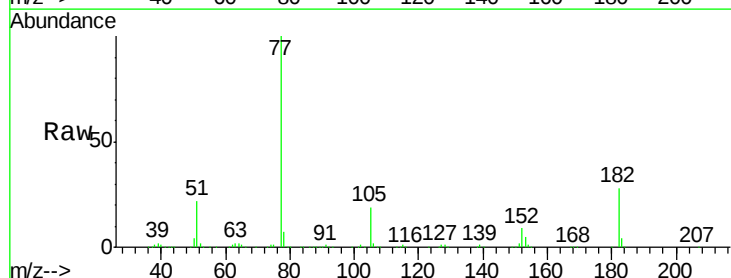
Ion Ratio Lower Upper

77 100

182 28.3 6.6 46.6

105 19.4 0.0 39.2

51 21.5 2.0 42.0

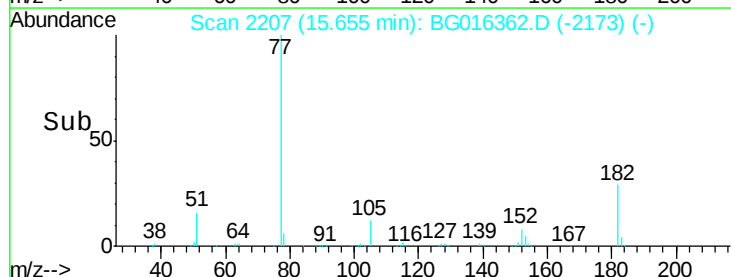
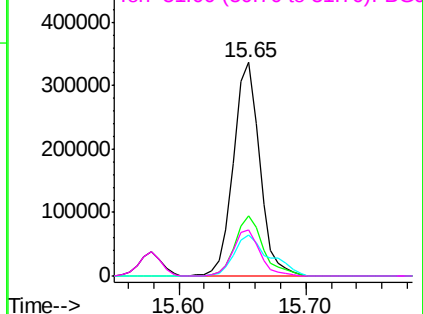


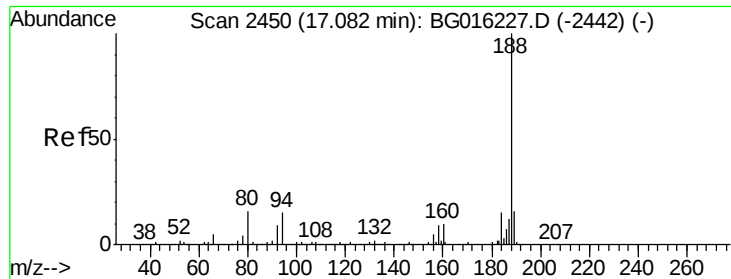
Abundance Ion 77.00 (76.70 to 77.70): BGC

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

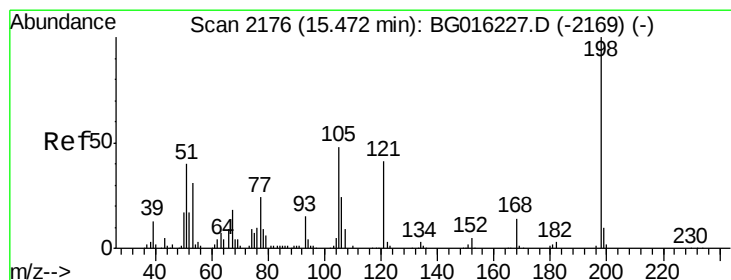
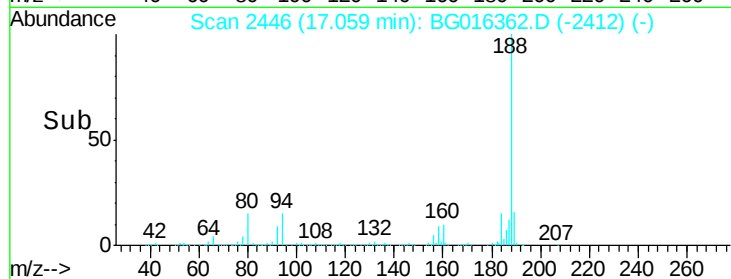
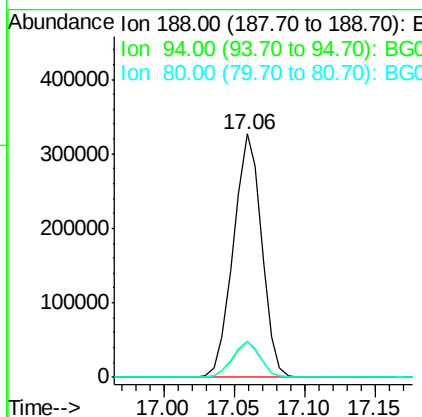
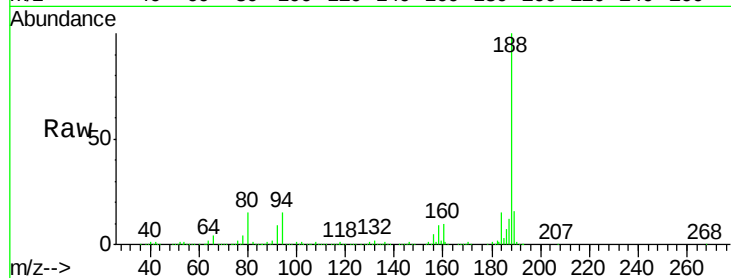




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.06 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BG016362.D
Acq: 13 Apr 2015 16:07

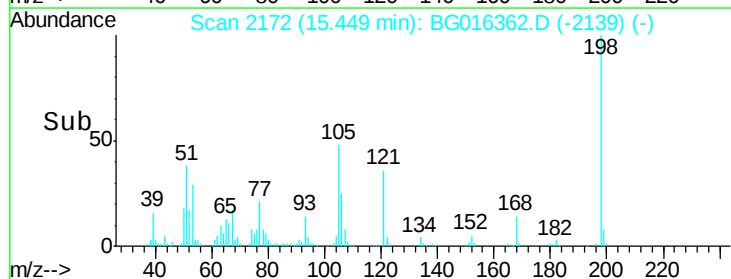
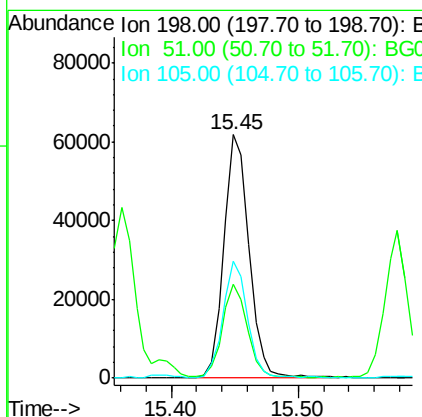
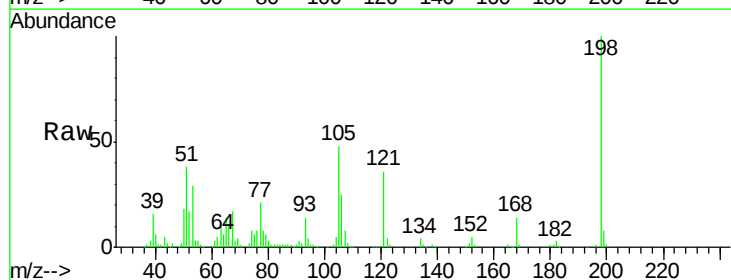
Instrument :
BNA_G
ClientSampleId :
F5-025MSD

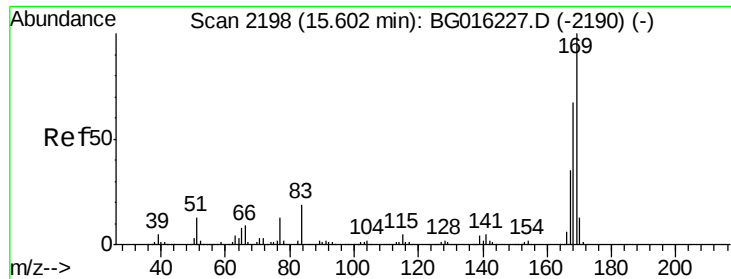
Tgt Ion:188 Resp: 455411
Ion Ratio Lower Upper
188 100
94 15.0 12.2 18.4
80 14.9 12.8 19.2



#64
4,6-Dinitro-2-methylphenol
Concen: 28.25 ng
RT: 15.45 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BG016362.D
Acq: 13 Apr 2015 16:07

Tgt Ion:198 Resp: 84966
Ion Ratio Lower Upper
198 100
51 38.4 20.7 60.7
105 48.1 28.8 68.8

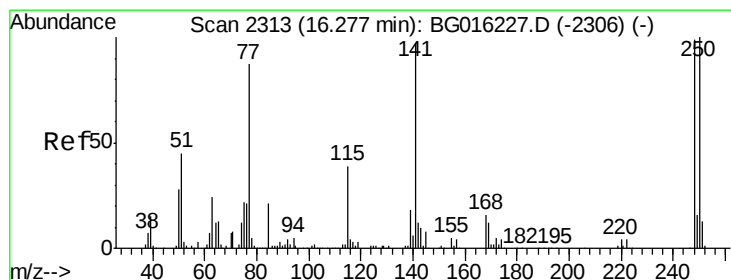
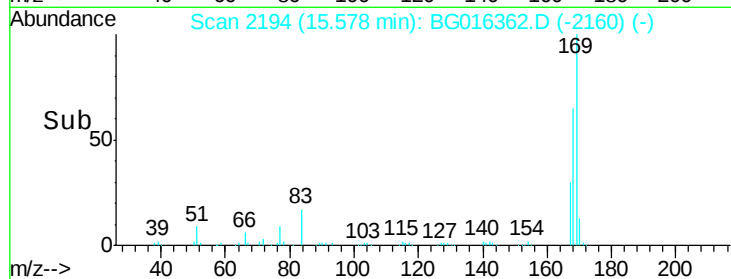
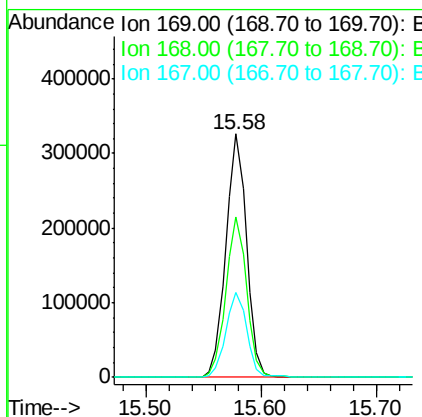
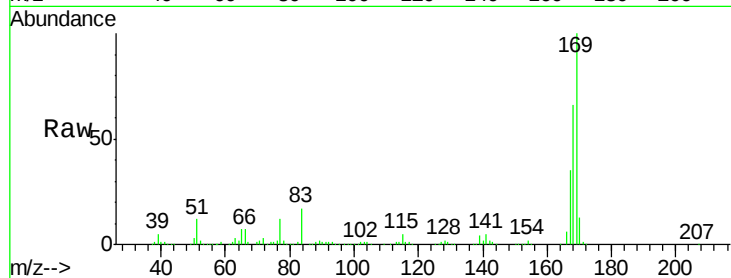




#65
 n-Nitrosodiphenylamine
 Concen: 26.36 ng
 RT: 15.58 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: BG016362.D
 Acq: 13 Apr 2015 16:07

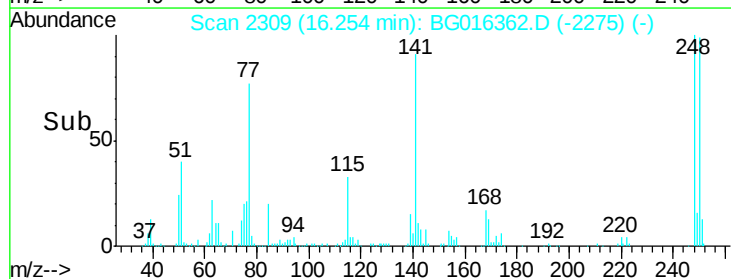
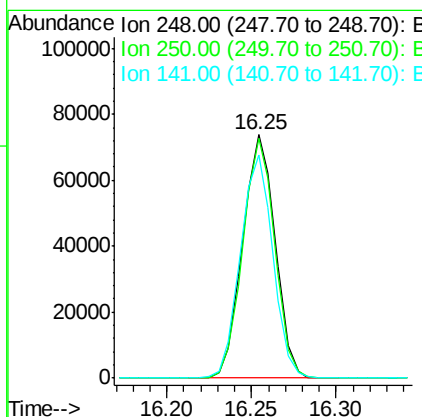
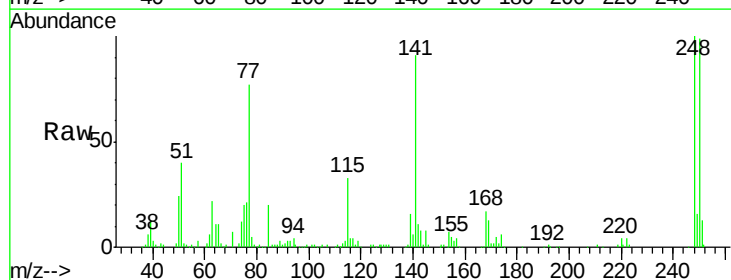
Instrument :
 BNA_G
 ClientSampleId :
 F5-025MSD

Tgt Ion:169 Resp: 405874
 Ion Ratio Lower Upper
 169 100
 168 65.7 53.4 80.0
 167 34.7 28.3 42.5



#66
 4-Bromophenyl-phenylether
 Concen: 27.23 ng
 RT: 16.25 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: BG016362.D
 Acq: 13 Apr 2015 16:07

Tgt Ion:248 Resp: 99024
 Ion Ratio Lower Upper
 248 100
 250 98.5 80.5 120.7
 141 91.4 78.2 117.4

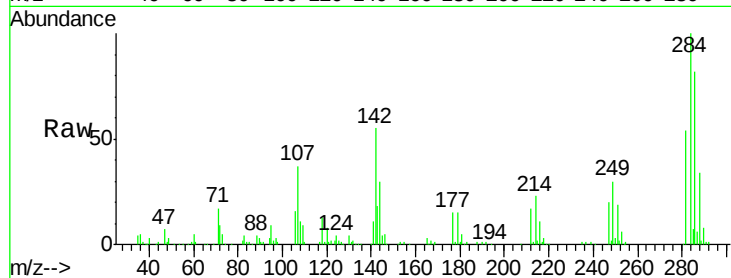




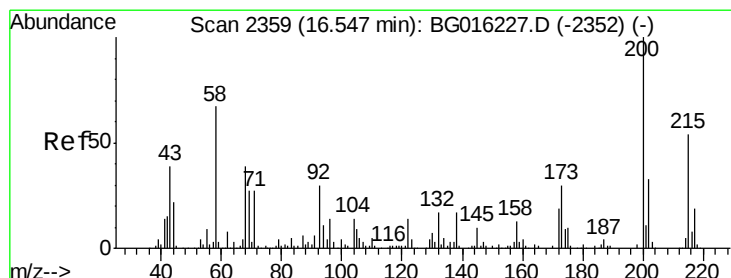
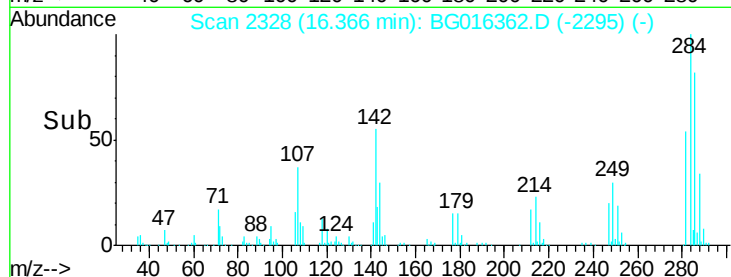
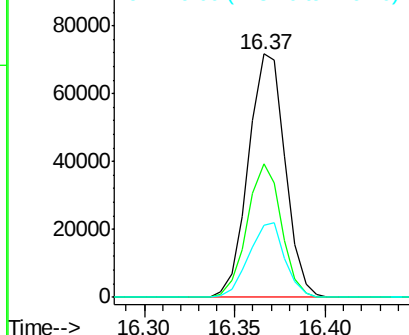
#67
Hexachlorobenzene
Concen: 26.83 ng
RT: 16.37 min Scan# 2328
Delta R.T. -0.00 min
Lab File: BG016362.D
Acq: 13 Apr 2015 16:07

Instrument :
BNA_G
ClientSampleId :
F5-025MSD

Tgt Ion:284 Resp: 101405
Ion Ratio Lower Upper
284 100
142 55.1 44.2 66.2
249 29.9 24.8 37.2

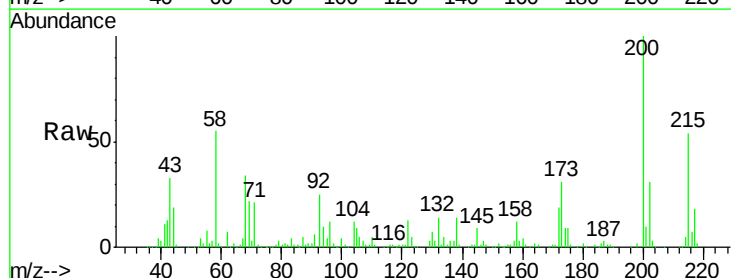


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

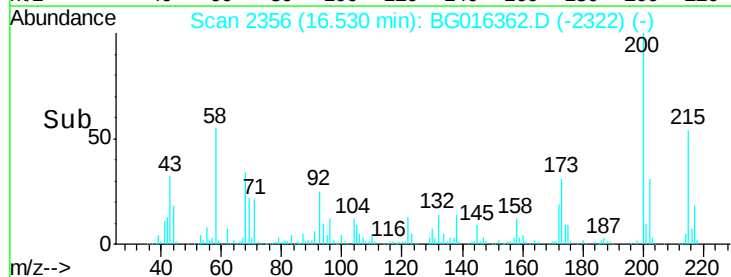
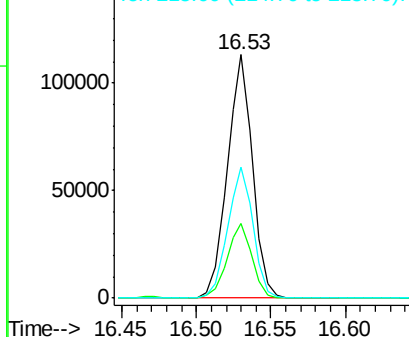


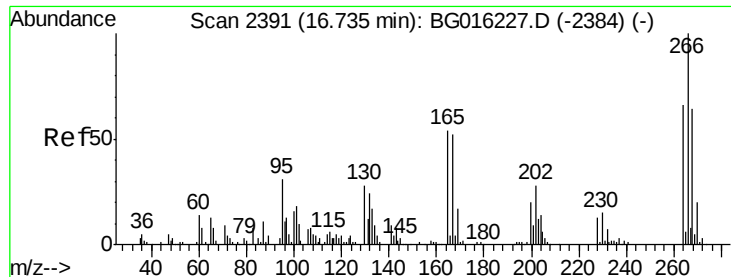
#68
Atrazine
Concen: 31.17 ng
RT: 16.53 min Scan# 2356
Delta R.T. 0.00 min
Lab File: BG016362.D
Acq: 13 Apr 2015 16:07

Tgt Ion:200 Resp: 133759
Ion Ratio Lower Upper
200 100
173 30.9 10.2 50.2
215 53.8 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: 55.40 ng

RT: 16.72 min Scan# 2388

Delta R.T. 0.00 min

Lab File: BG016362.D

Acq: 13 Apr 2015 16:07

Instrument :

BNA_G

ClientSampleId :

F5-025MSD

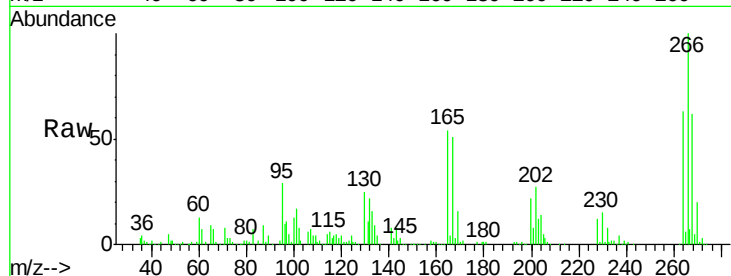
Tgt Ion:266 Resp: 127838

Ion Ratio Lower Upper

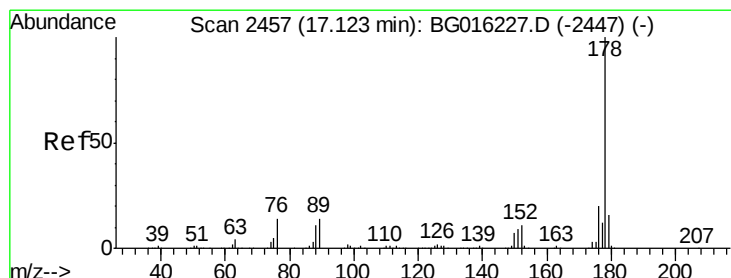
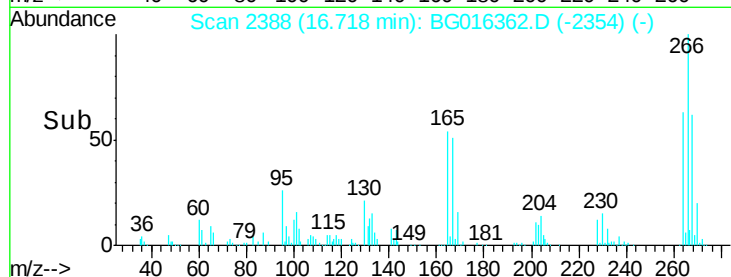
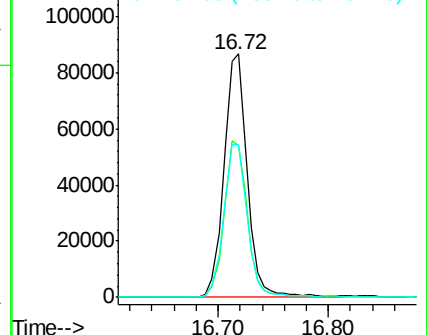
266 100

268 62.1 50.9 76.3

264 62.6 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: 26.80 ng

RT: 17.10 min Scan# 2453

Delta R.T. -0.00 min

Lab File: BG016362.D

Acq: 13 Apr 2015 16:07

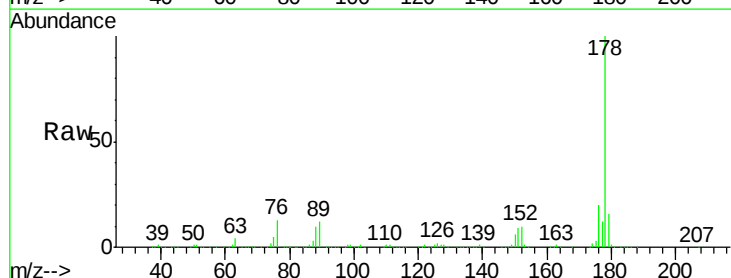
Tgt Ion:178 Resp: 686370

Ion Ratio Lower Upper

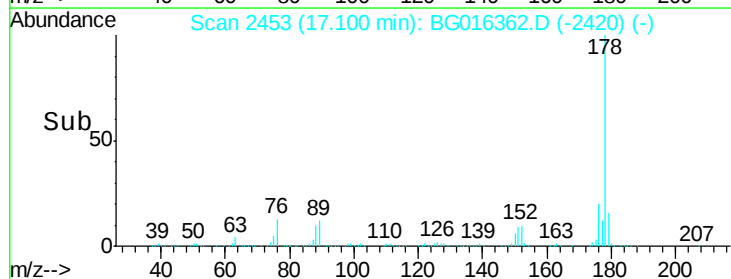
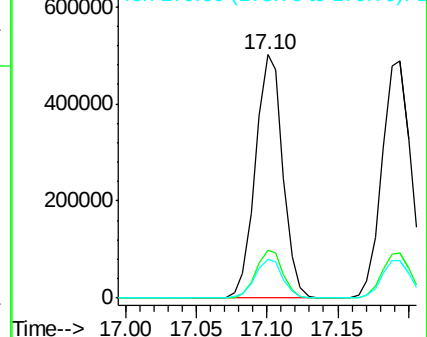
178 100

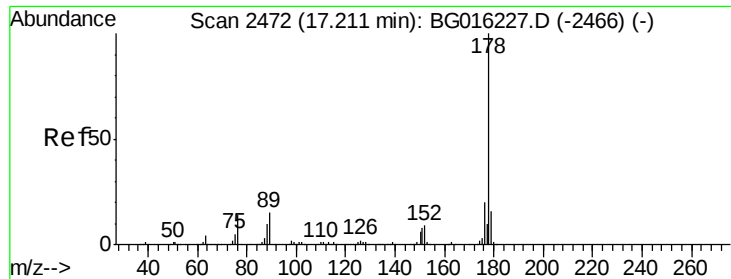
176 19.9 16.2 24.4

179 15.7 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

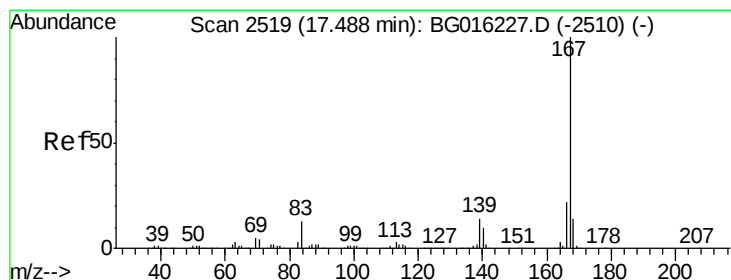
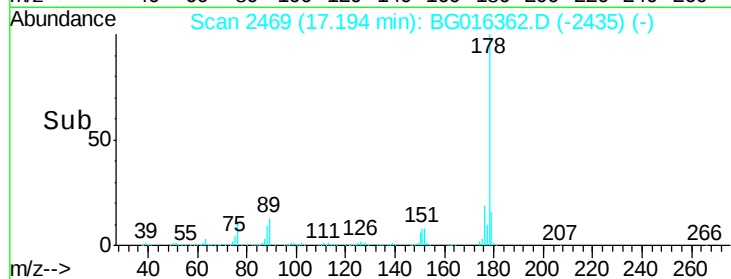
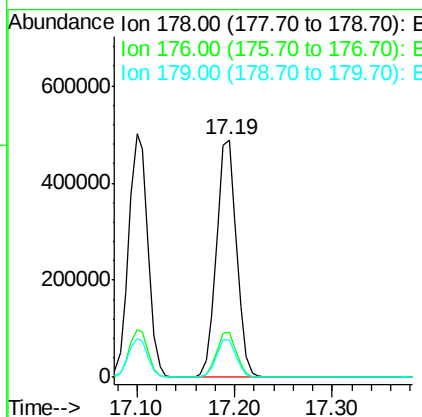
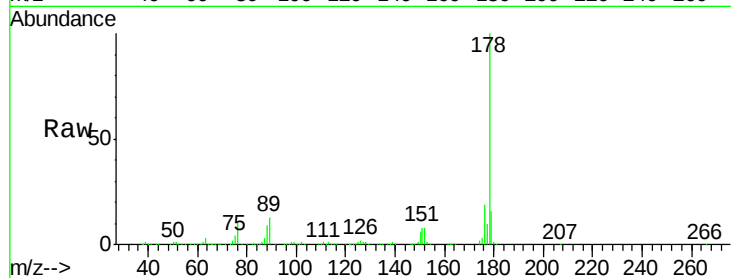




#71
 Anthracene
 Concen: 27.46 ng
 RT: 17.19 min Scan# 2469
 Delta R.T. 0.00 min
 Lab File: BG016362.D
 Acq: 13 Apr 2015 16:07

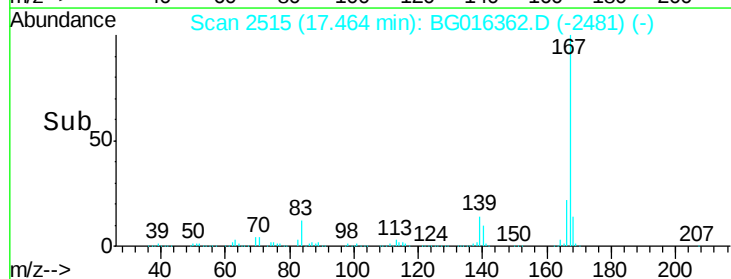
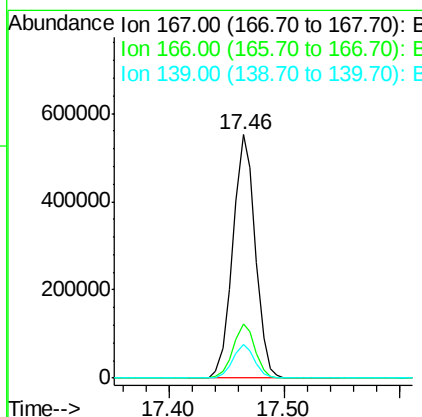
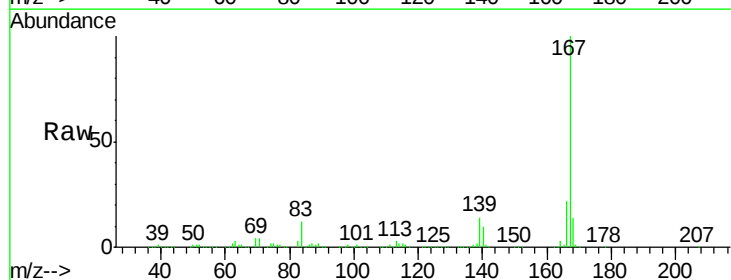
Instrument :
 BNA_G
 ClientSampleId :
 F5-025MSD

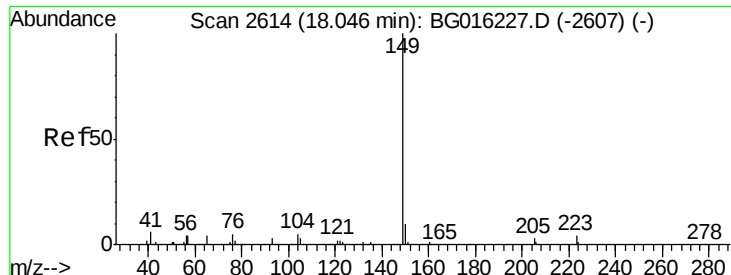
Tgt Ion:178 Resp: 697050
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.9 23.9
 179 16.0 13.0 19.6



#72
 Carbazole
 Concen: 29.15 ng
 RT: 17.46 min Scan# 2515
 Delta R.T. 0.00 min
 Lab File: BG016362.D
 Acq: 13 Apr 2015 16:07

Tgt Ion:167 Resp: 742559
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.9 26.9
 139 13.9 11.5 17.3

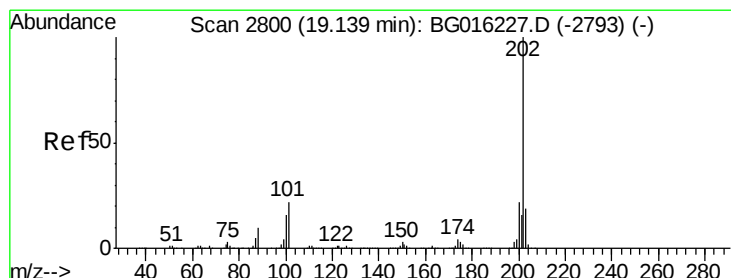
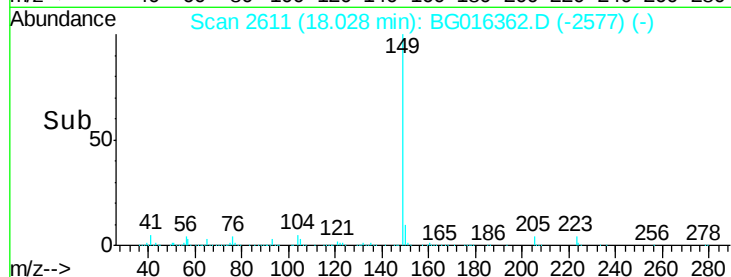
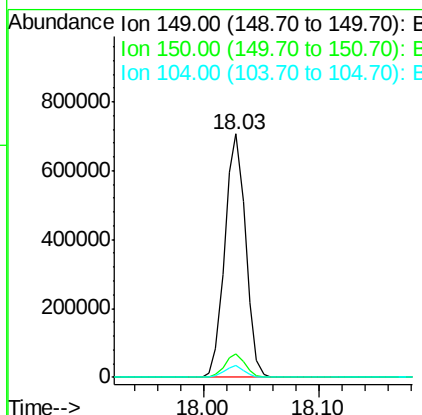
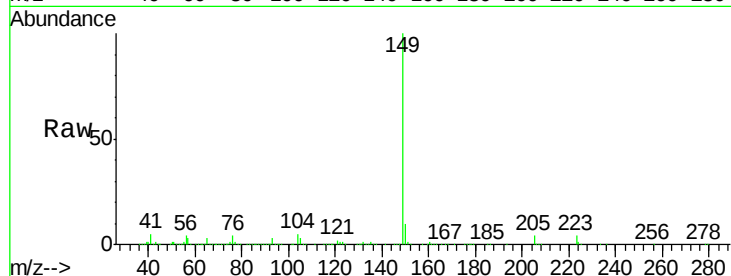




#73
Di-n-butylphthalate
Concen: 28.22 ng
RT: 18.03 min Scan# 2611
Delta R.T. 0.00 min
Lab File: BG016362.D
Acq: 13 Apr 2015 16:07

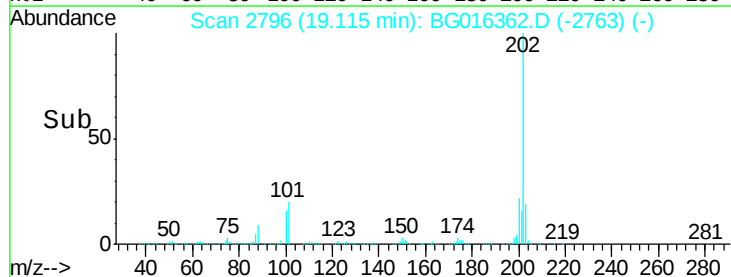
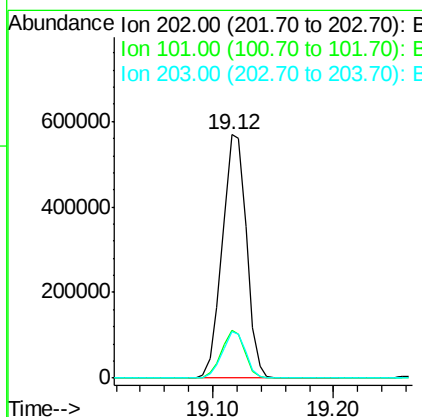
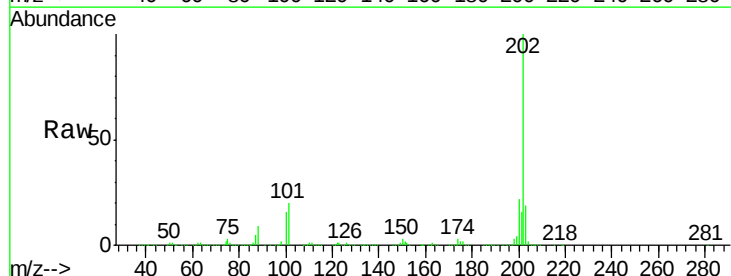
Instrument :
BNA_G
ClientSampleId :
F5-025MSD

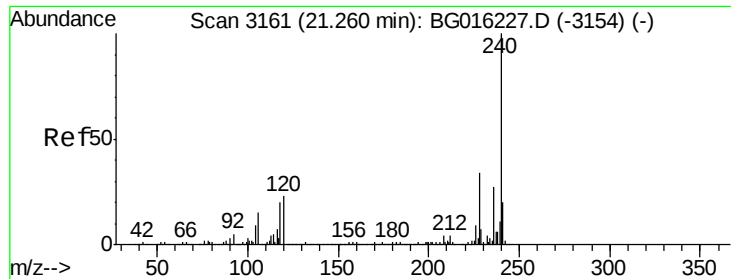
Tgt Ion:149 Resp: 879769
Ion Ratio Lower Upper
149 100
150 9.7 8.2 12.4
104 4.8 4.0 6.0



#74
Fluoranthene
Concen: 29.80 ng
RT: 19.12 min Scan# 2796
Delta R.T. -0.01 min
Lab File: BG016362.D
Acq: 13 Apr 2015 16:07

Tgt Ion:202 Resp: 786665
Ion Ratio Lower Upper
202 100
101 19.8 1.7 41.7
203 18.9 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.24 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BG016362.D

Acq: 13 Apr 2015 16:07

Instrument :

BNA_G

ClientSampleId :

F5-025MSD

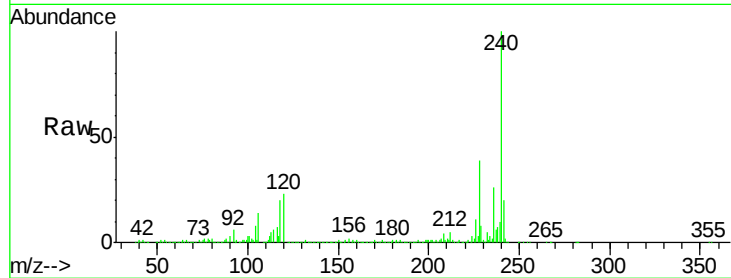
Tgt Ion:240 Resp: 421494

Ion Ratio Lower Upper

240 100

120 22.5 18.6 28.0

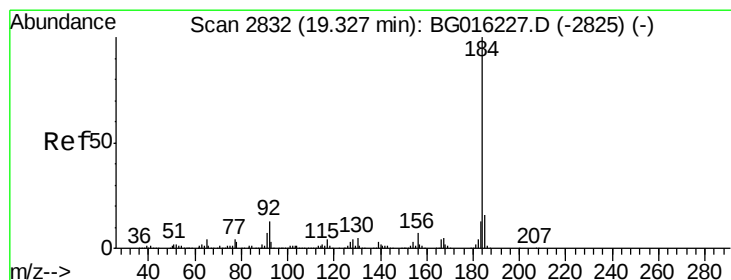
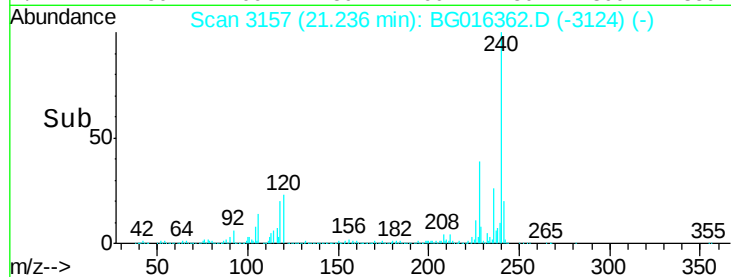
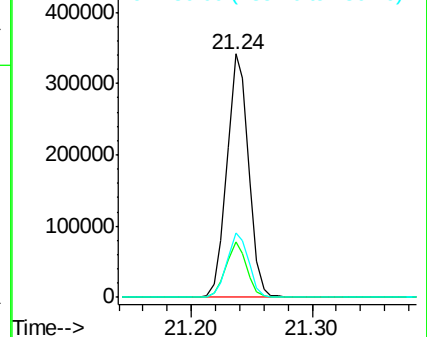
236 26.3 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 18.75 ng

RT: 19.30 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BG016362.D

Acq: 13 Apr 2015 16:07

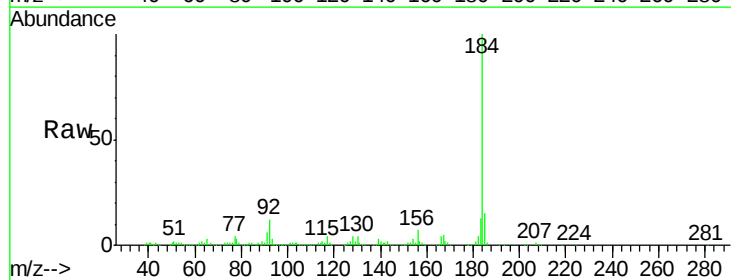
Tgt Ion:184 Resp: 335229

Ion Ratio Lower Upper

184 100

185 14.5 12.6 19.0

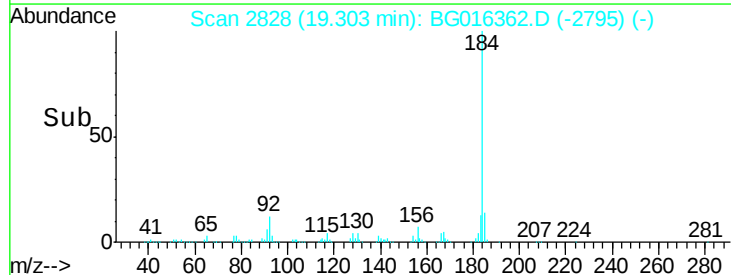
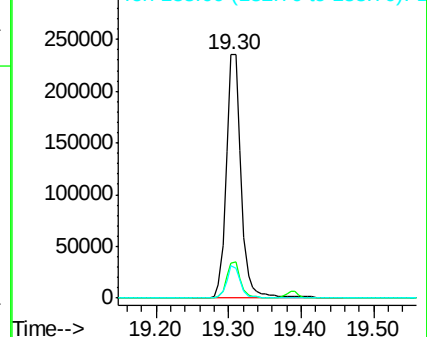
183 13.1 10.4 15.6

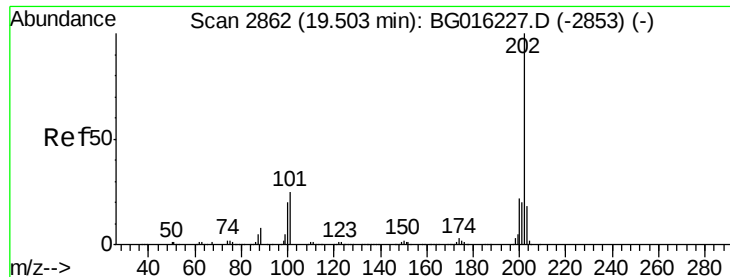


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

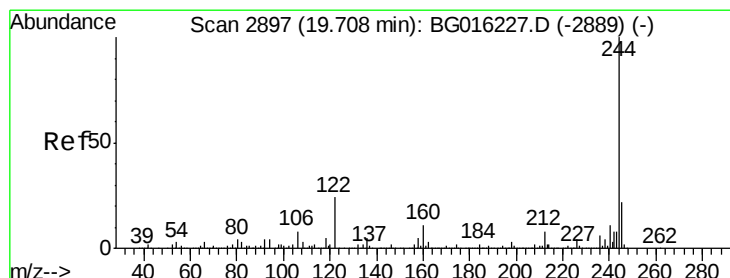
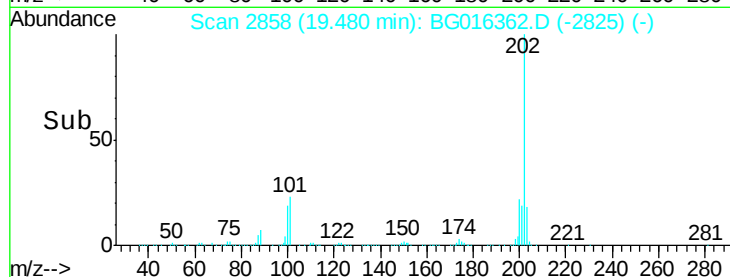
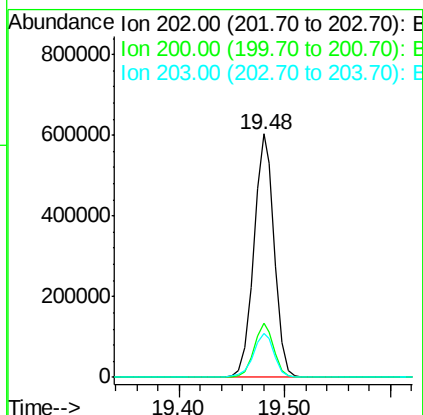
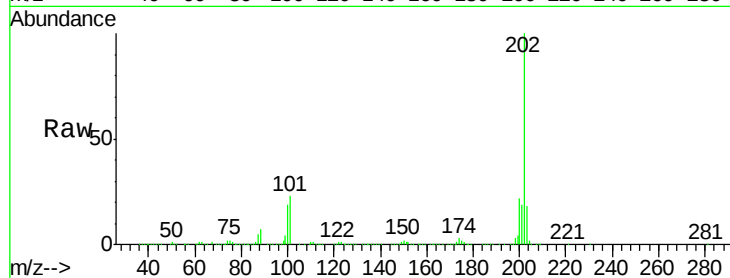




#77
 Pyrene
 Concen: 27.79 ng
 RT: 19.48 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG016362.D
 Acq: 13 Apr 2015 16:07

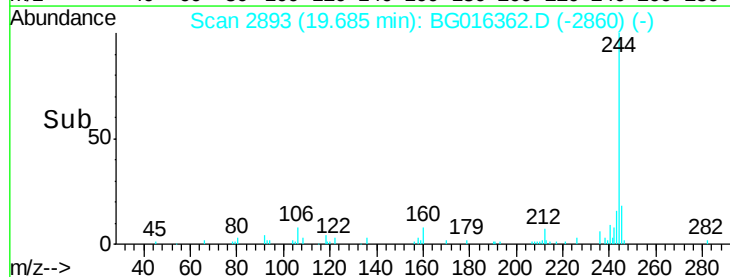
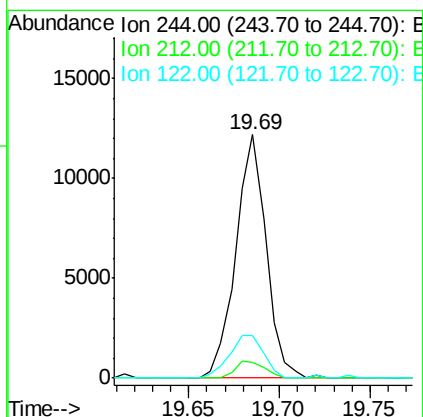
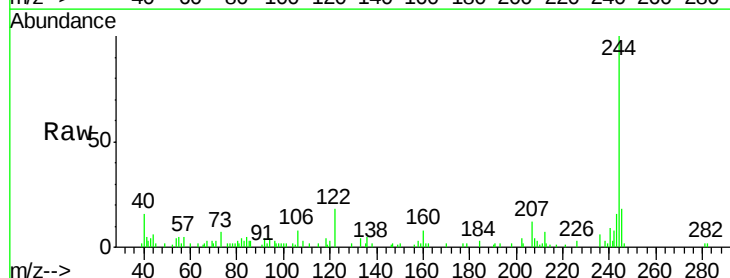
Instrument :
 BNA_G
 ClientSampleId :
 F5-025MSD

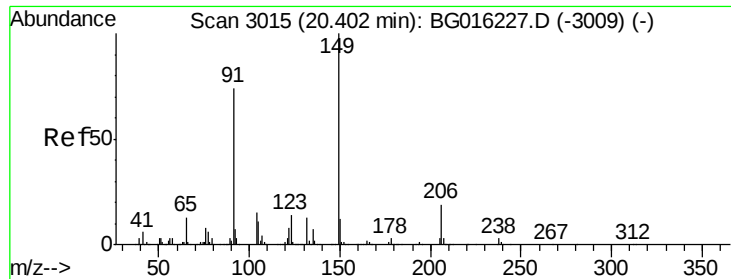
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.8	26.8
203	18.2	14.7	22.1



#78
 Terphenyl-d14
 Concen: 0.79 ng
 RT: 19.69 min Scan# 2893
 Delta R.T. -0.01 min
 Lab File: BG016362.D
 Acq: 13 Apr 2015 16:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.6	9.8
122	17.7	19.1	28.7#

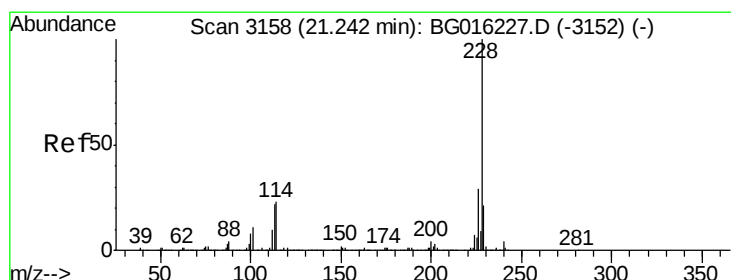
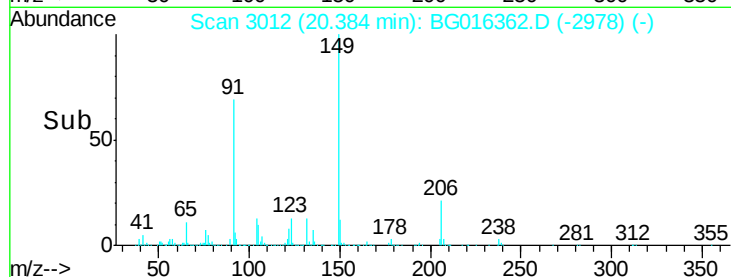
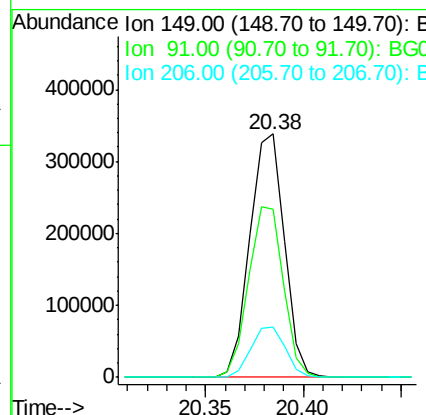
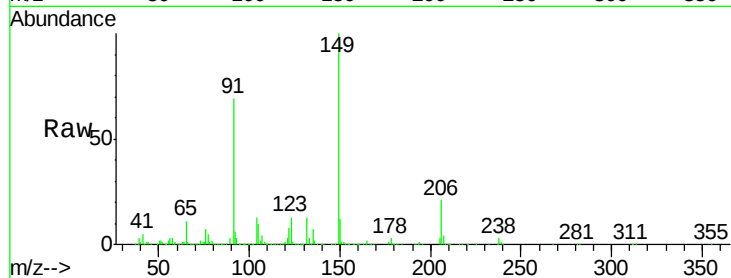




#79
Butylbenzylphthalate
Concen: 28.74 ng
RT: 20.38 min Scan# 3012
Delta R.T. 0.00 min
Lab File: BG016362.D
Acq: 13 Apr 2015 16:07

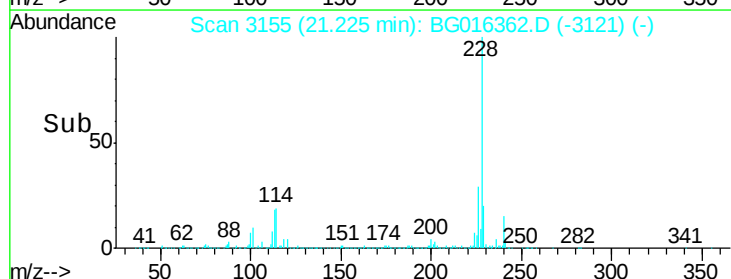
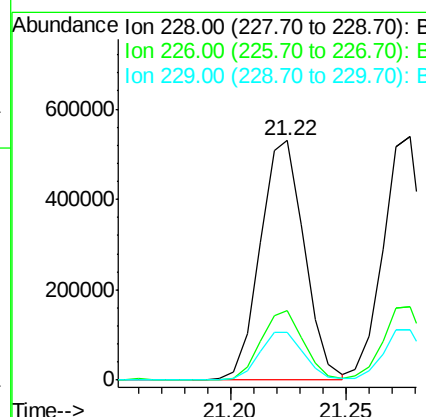
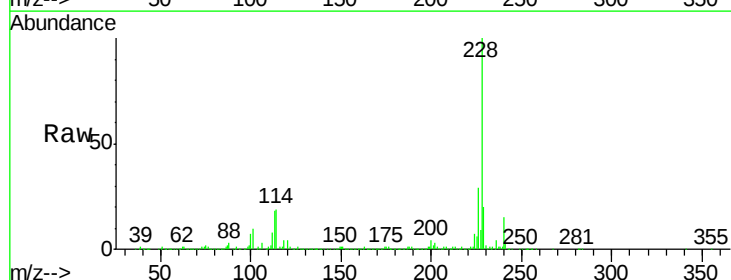
Instrument :
BNA_G
ClientSampleId :
F5-025MSD

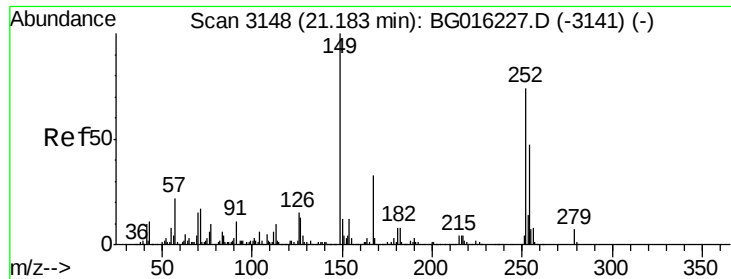
Tgt Ion:149 Resp: 414400
Ion Ratio Lower Upper
149 100
91 69.0 59.4 89.2
206 20.6 15.6 23.4



#80
Benzo(a)anthracene
Concen: 28.12 ng
RT: 21.22 min Scan# 3155
Delta R.T. 0.00 min
Lab File: BG016362.D
Acq: 13 Apr 2015 16:07

Tgt Ion:228 Resp: 700388
Ion Ratio Lower Upper
228 100
226 28.9 23.5 35.3
229 20.0 16.8 25.2

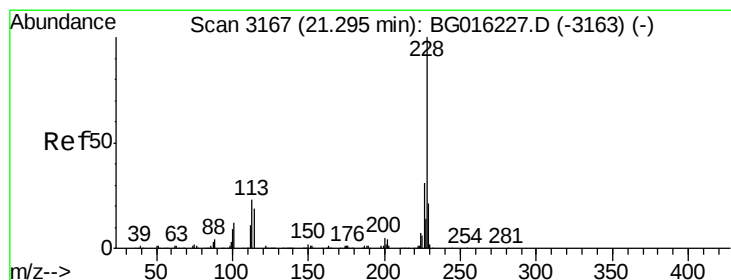
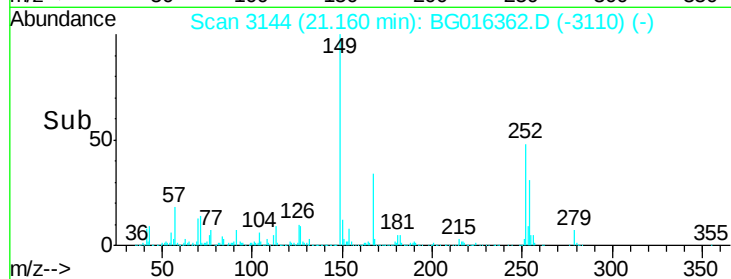
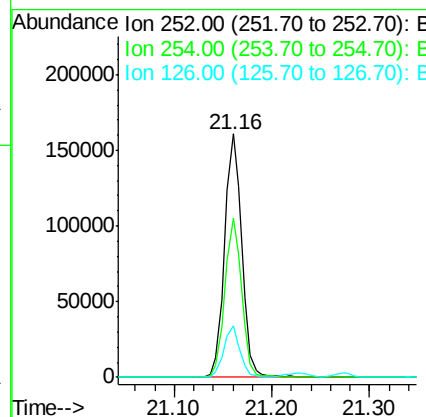
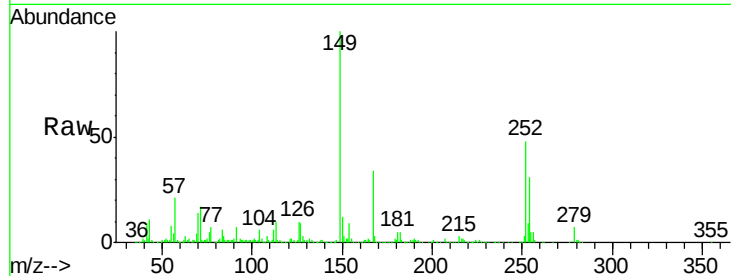




#81
 3,3'-Dichlorobenzidine
 Concen: 24.11 ng
 RT: 21.16 min Scan# 3144
 Delta R.T. 0.00 min
 Lab File: BG016362.D
 Acq: 13 Apr 2015 16:07

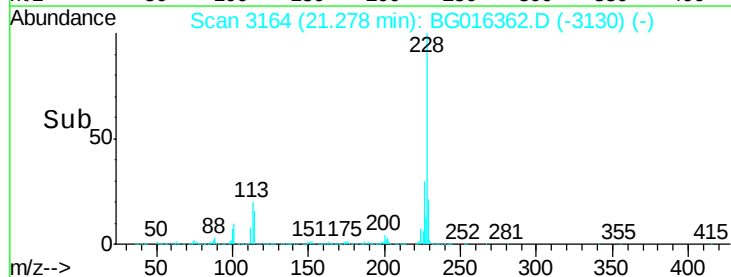
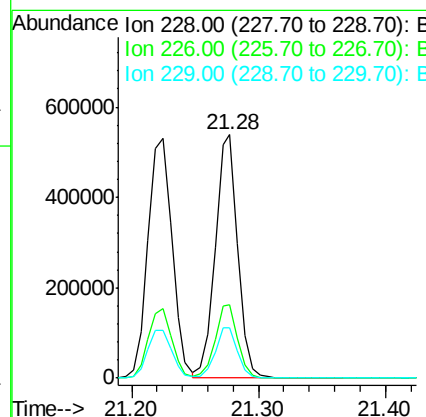
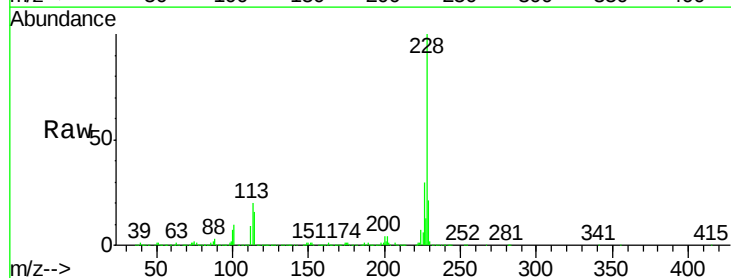
Instrument :
 BNA_G
 ClientSampleId :
 F5-025MSD

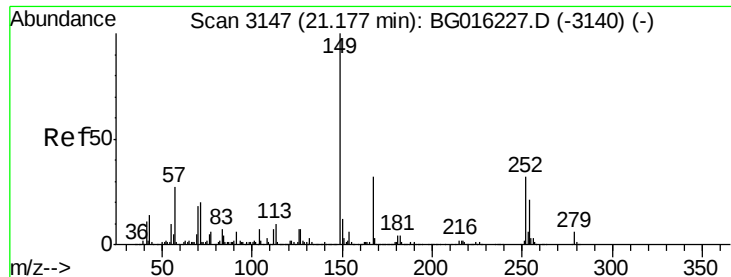
Tgt Ion:252 Resp: 197526
 Ion Ratio Lower Upper
 252 100
 254 65.1 50.8 76.2
 126 21.3 16.0 24.0



#82
 Chrysene
 Concen: 27.73 ng
 RT: 21.28 min Scan# 3164
 Delta R.T. 0.00 min
 Lab File: BG016362.D
 Acq: 13 Apr 2015 16:07

Tgt Ion:228 Resp: 666872
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.0 37.4
 229 20.6 17.0 25.4

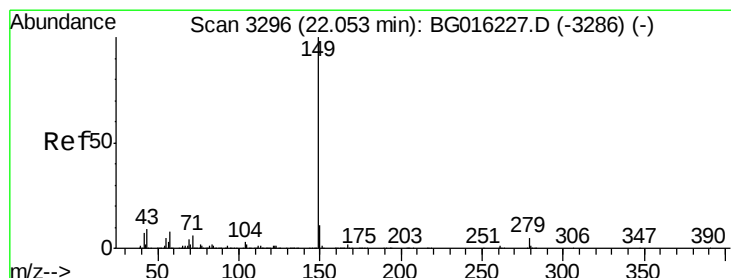
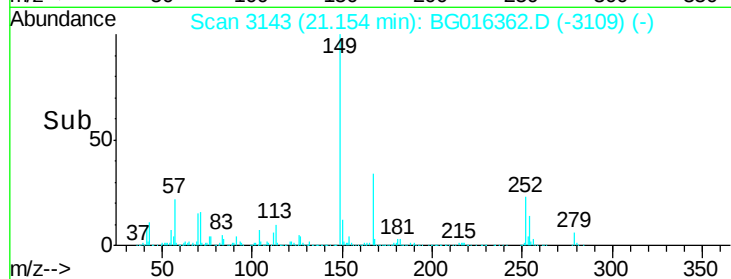
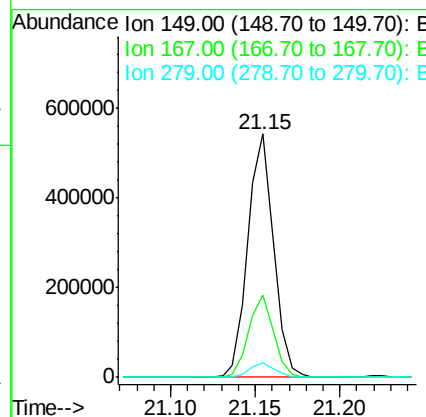
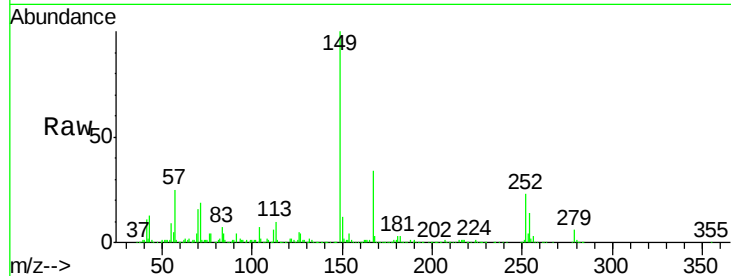




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 29.68 ng
 RT: 21.15 min Scan# 3143
 Delta R.T. 0.00 min
 Lab File: BG016362.D
 Acq: 13 Apr 2015 16:07

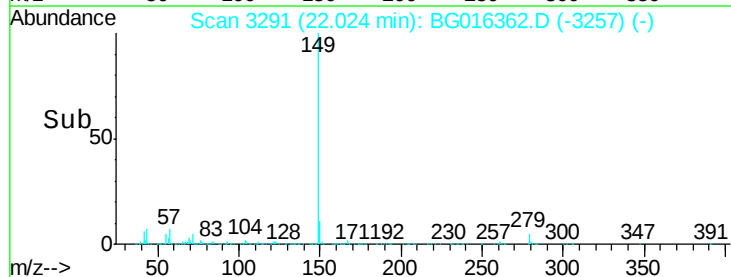
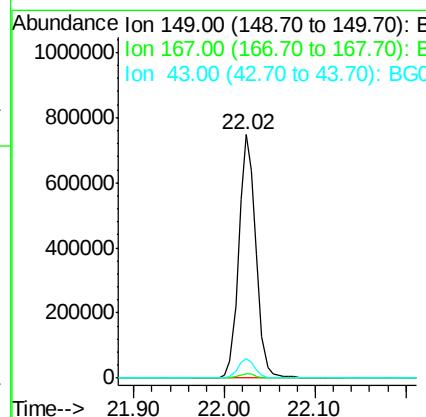
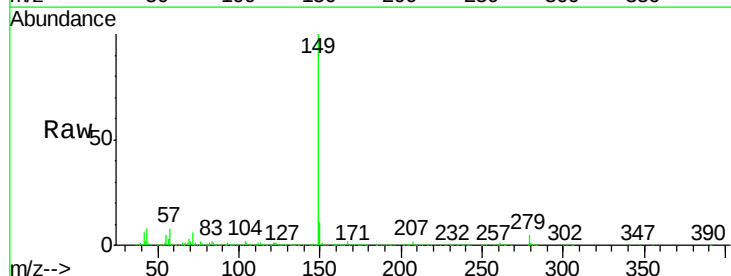
Instrument :
 BNA_G
 ClientSampleId :
 F5-025MSD

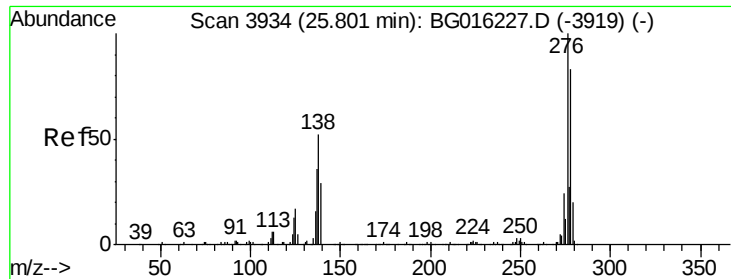
Tgt Ion:149 Resp: 579378
 Ion Ratio Lower Upper
 149 100
 167 33.7 25.8 38.6
 279 6.2 4.7 7.1



#84
 Di-n-octyl phthalate
 Concen: 31.04 ng
 RT: 22.02 min Scan# 3291
 Delta R.T. 0.00 min
 Lab File: BG016362.D
 Acq: 13 Apr 2015 16:07

Tgt Ion:149 Resp: 987295
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 7.7 7.0 10.4

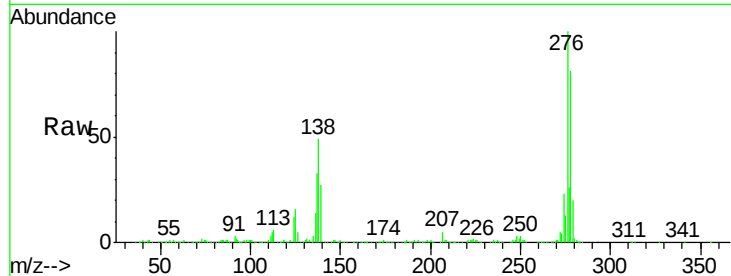




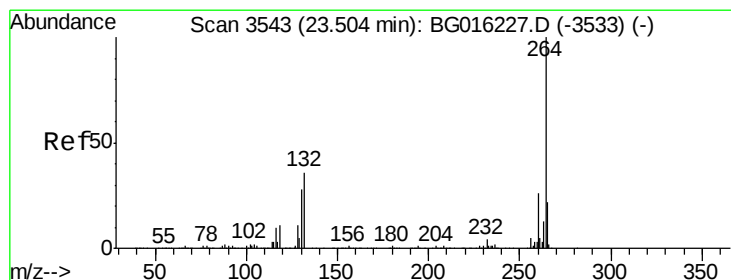
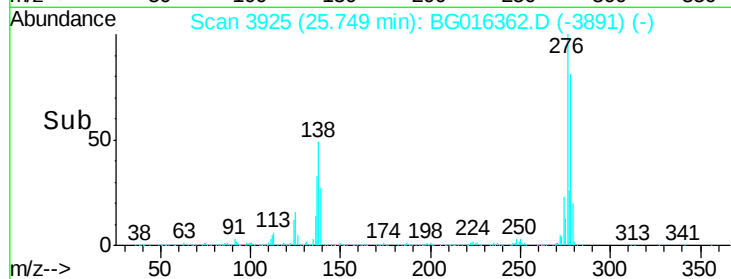
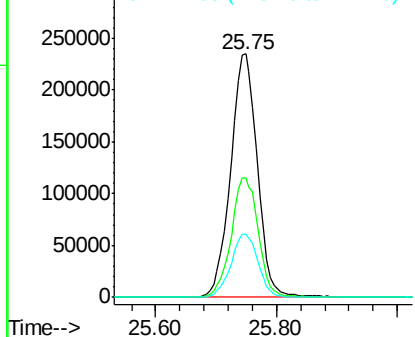
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 28.83 ng
 RT: 25.75 min Scan# 3925
 Delta R.T. 0.00 min
 Lab File: BG016362.D
 Acq: 13 Apr 2015 16:07

Instrument :
 BNA_G
 ClientSampleId :
 F5-025MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	49.8	41.5	62.3
277	26.3	21.0	31.6

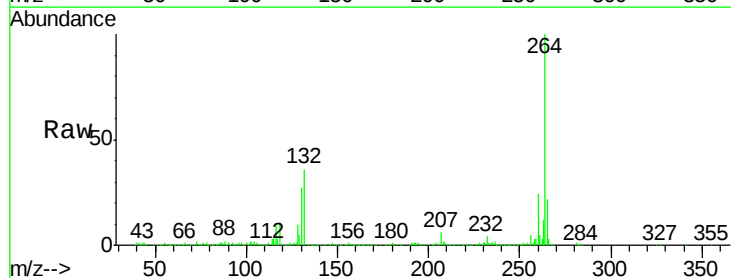


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

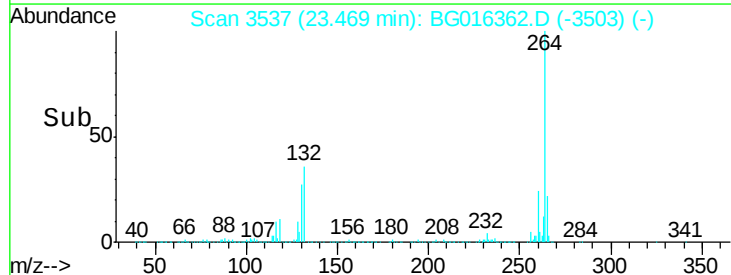
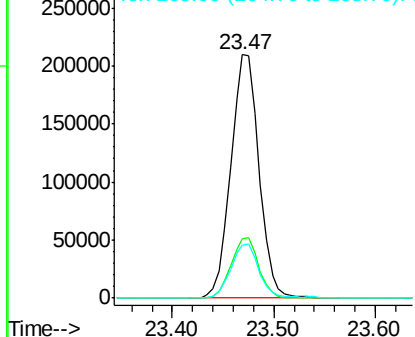


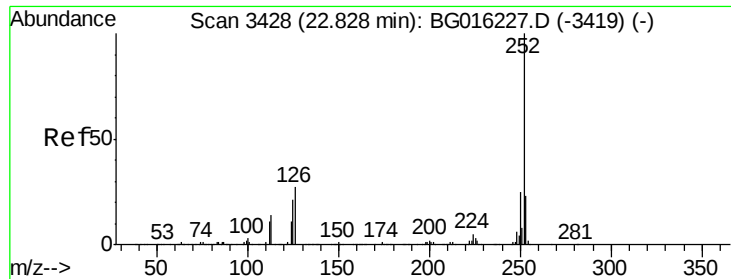
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.47 min Scan# 3537
 Delta R.T. 0.00 min
 Lab File: BG016362.D
 Acq: 13 Apr 2015 16:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.4	30.6
265	21.9	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 29.17 ng

RT: 22.80 min Scan# 3423

Delta R.T. 0.00 min

Lab File: BG016362.D

Acq: 13 Apr 2015 16:07

Instrument :

BNA_G

ClientSampleId :

F5-025MSD

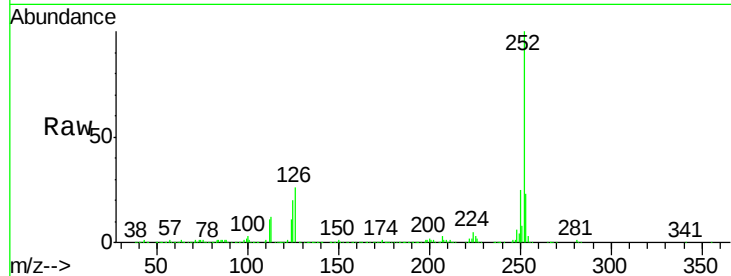
Tgt Ion:252 Resp: 688786

Ion Ratio Lower Upper

252 100

253 23.4 18.5 27.7

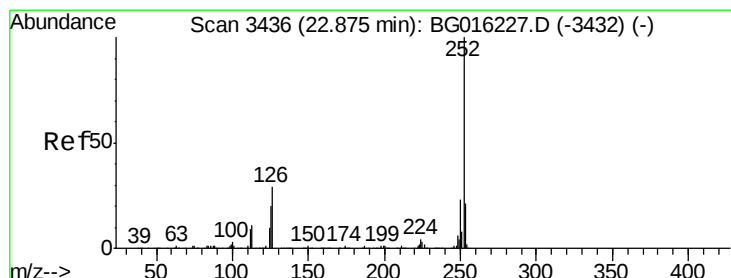
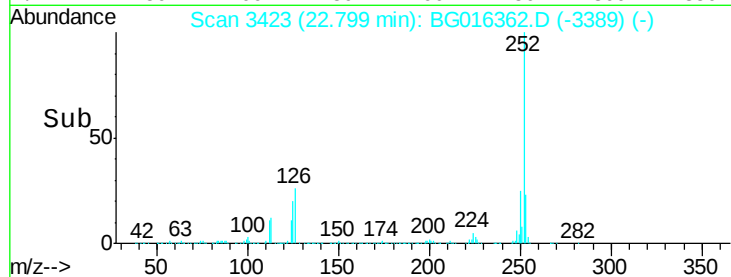
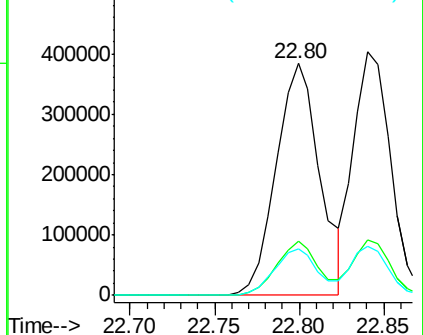
125 20.1 17.0 25.6



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



#88

Benzo(k)fluoranthene

Concen: 26.72 ng

RT: 22.84 min Scan# 3430

Delta R.T. -0.01 min

Lab File: BG016362.D

Acq: 13 Apr 2015 16:07

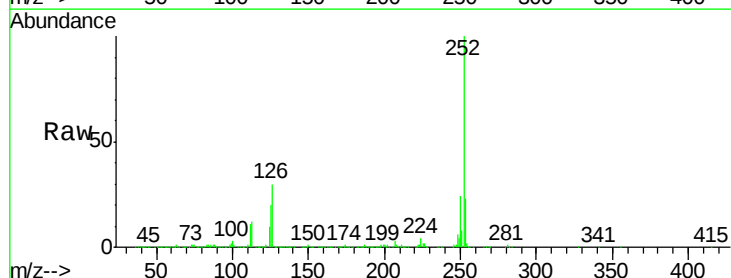
Tgt Ion:252 Resp: 617555

Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

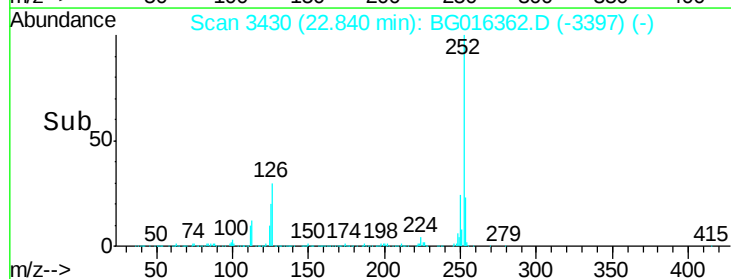
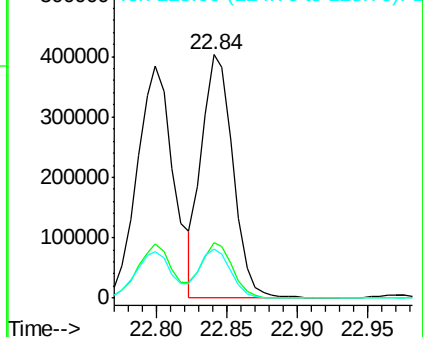
125 20.4 16.3 24.5

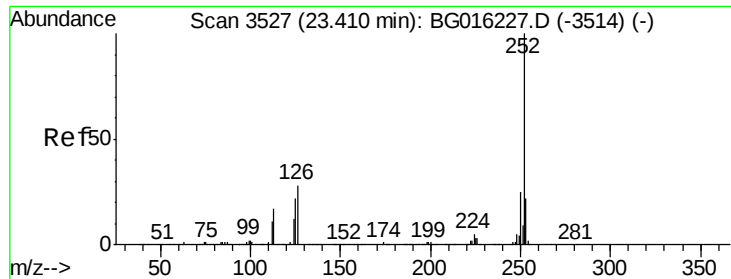


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

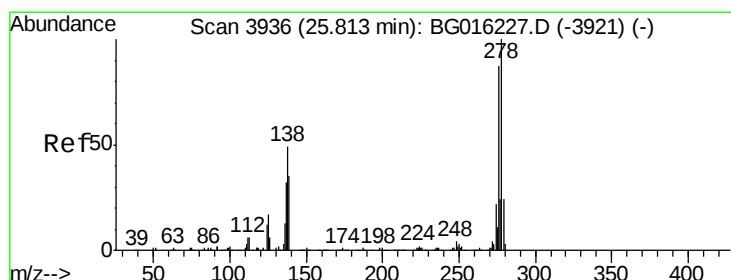
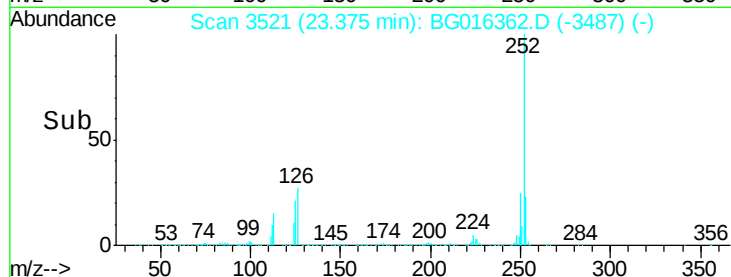
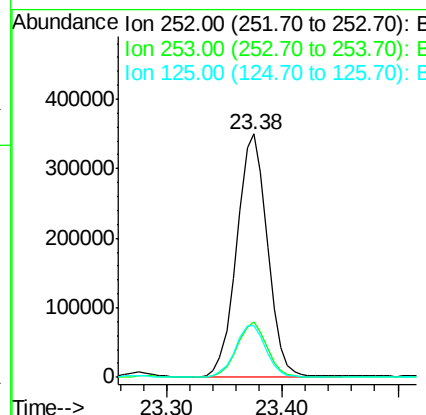
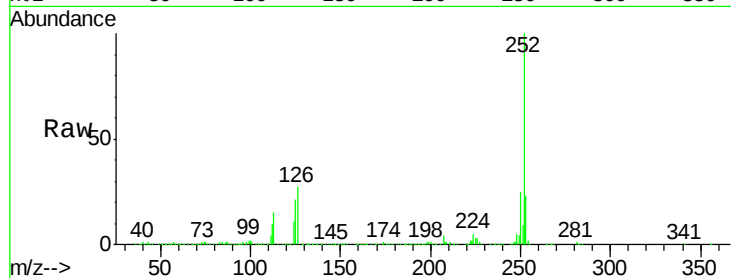




#89
Benzo(a)pyrene
Concen: 29.03 ng
RT: 23.38 min Scan# 3521
Delta R.T. 0.00 min
Lab File: BG016362.D
Acq: 13 Apr 2015 16:07

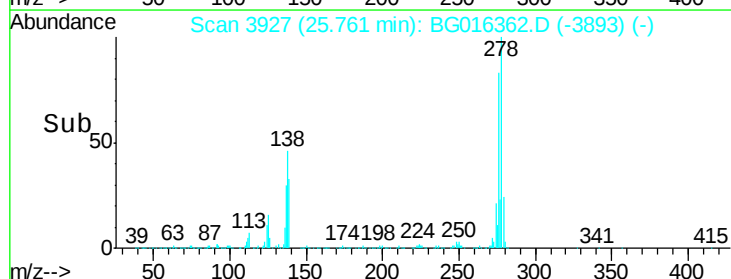
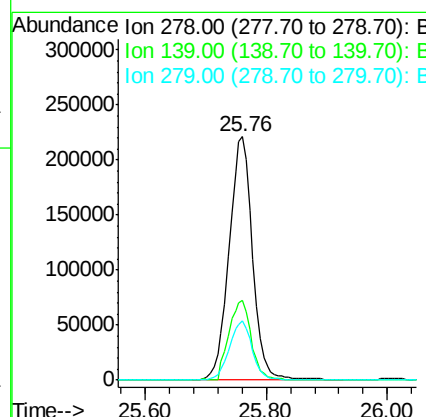
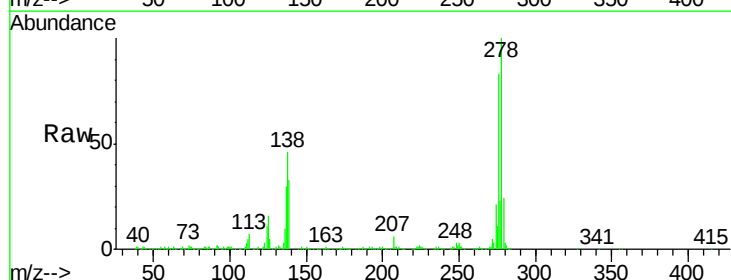
Instrument :
BNA_G
ClientSampleId :
F5-025MSD

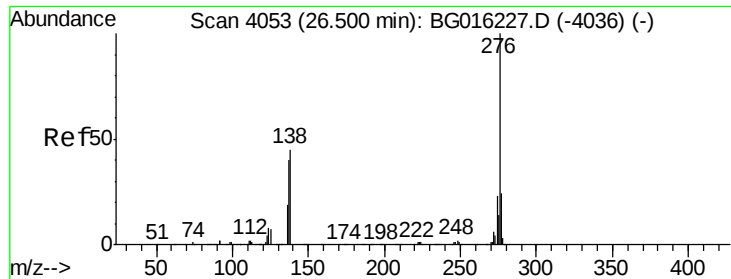
Tgt Ion: 252 Resp: 642523
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 21.2 17.6 26.4



#90
Dibenzo(a,h)anthracene
Concen: 27.60 ng
RT: 25.76 min Scan# 3927
Delta R.T. 0.00 min
Lab File: BG016362.D
Acq: 13 Apr 2015 16:07

Tgt Ion: 278 Resp: 594472
Ion Ratio Lower Upper
278 100
139 32.8 27.9 41.9
279 24.4 19.5 29.3





#91
 Benzo(g,h,i)perylene
 Concen: 28.17 ng
 RT: 26.44 min Scan# 4043
 Delta R.T. -0.00 min
 Lab File: BG016362.D
 Acq: 13 Apr 2015 16:07

Instrument :
 BNA_G
 ClientSampleId :
 F5-025MSD

Tgt Ion: 276 Resp: 605879
 Ion Ratio Lower Upper
 276 100
 277 23.3 19.5 29.3
 138 40.9 35.7 53.5

