

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041615\
 Data File : BG016459.D
 Acq On : 16 Apr 2015 17:22
 Operator : TP/IZ
 Sample : PB82771BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82771BS

Quant Time: Apr 17 04:11:32 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 03:57:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	56641	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	234745	20.00	ng	0.00
38) Acenaphthene-d10	14.31	164	136475	20.00	ng	0.00
63) Phenanthrene-d10	17.05	188	287993	20.00	ng	0.00
75) Chrysene-d12	21.23	240	250071	20.00	ng	0.00
86) Perylene-d12	23.47	264	238820	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	392260	109.30	ng	0.00
7) Phenol-d6	6.86	99	536160	99.52	ng	0.00
23) Nitrobenzene-d5	8.82	82	268955	66.37	ng	0.00
41) 2,4,6-Tribromophenol	15.80	330	117669	127.49	ng	0.00
44) 2-Fluorobiphenyl	12.93	172	602295	75.14	ng	0.00
78) Terphenyl-d14	19.68	244	736949	68.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.13	88	46223	28.33	ng	99
3) Pyridine	3.53	79	129927	26.65	ng	94
4) n-Nitrosodimethylamine	3.45	42	39923	27.54	ng	98
6) Aniline	6.99	93	122490	15.92	ng	97
8) 2-Chlorophenol	7.23	128	150107	34.83	ng	96
9) Benzaldehyde	6.80	77	28717	9.10	ng	94
10) Phenol	6.89	94	188208	32.65	ng	99
11) bis(2-Chloroethyl)ether	7.09	93	134619	29.29	ng	100
12) 1,3-Dichlorobenzene	7.55	146	144633	33.23	ng	97
13) 1,4-Dichlorobenzene	7.70	146	147491	32.67	ng	95
14) 1,2-Dichlorobenzene	8.01	146	140263	32.48	ng	98
15) Benzyl Alcohol	7.91	79	109447	29.14	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.20	45	140328	27.11	ng	98
17) 2-Methylphenol	8.12	107	122940	31.80	ng	98
18) Hexachloroethane	8.73	117	52626	30.47	ng	97
19) n-Nitroso-di-n-propylamine	8.47	70	95844	24.83	ng	97
20) 3+4-Methylphenols	8.45	107	169342	31.63	ng	99
22) Acetophenone	8.48	105	185061	34.00	ng	97
24) Nitrobenzene	8.86	77	137371	31.70	ng	92
25) Isophorone	9.38	82	268419	29.83	ng	97
26) 2-Nitrophenol	9.57	139	82666	40.91	ng	95
27) 2,4-Dimethylphenol	9.64	122	146898	39.03	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	164728	32.07	ng	98
29) 2,4-Dichlorophenol	10.10	162	127854	42.93	ng	98
30) 1,2,4-Trichlorobenzene	10.31	180	116610	37.50	ng	98
31) Naphthalene	10.50	128	423437	34.62	ng	99
32) Benzoic acid	9.76	122	53145	26.44	ng	97
33) 4-Chloroaniline	10.62	127	111035	19.34	ng	94
34) Hexachlorobutadiene	10.78	225	51588	37.77	ng	99
35) Caprolactam	11.39	113	73631	39.27	ng	94
36) 4-Chloro-3-methylphenol	11.76	107	147712	37.54	ng	94
37) 2-Methylnaphthalene	12.11	142	306803	34.87	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.49	216	109107	36.31	ng	99
40) Hexachlorocyclopentadiene	12.47	237	99278	72.18	ng	98

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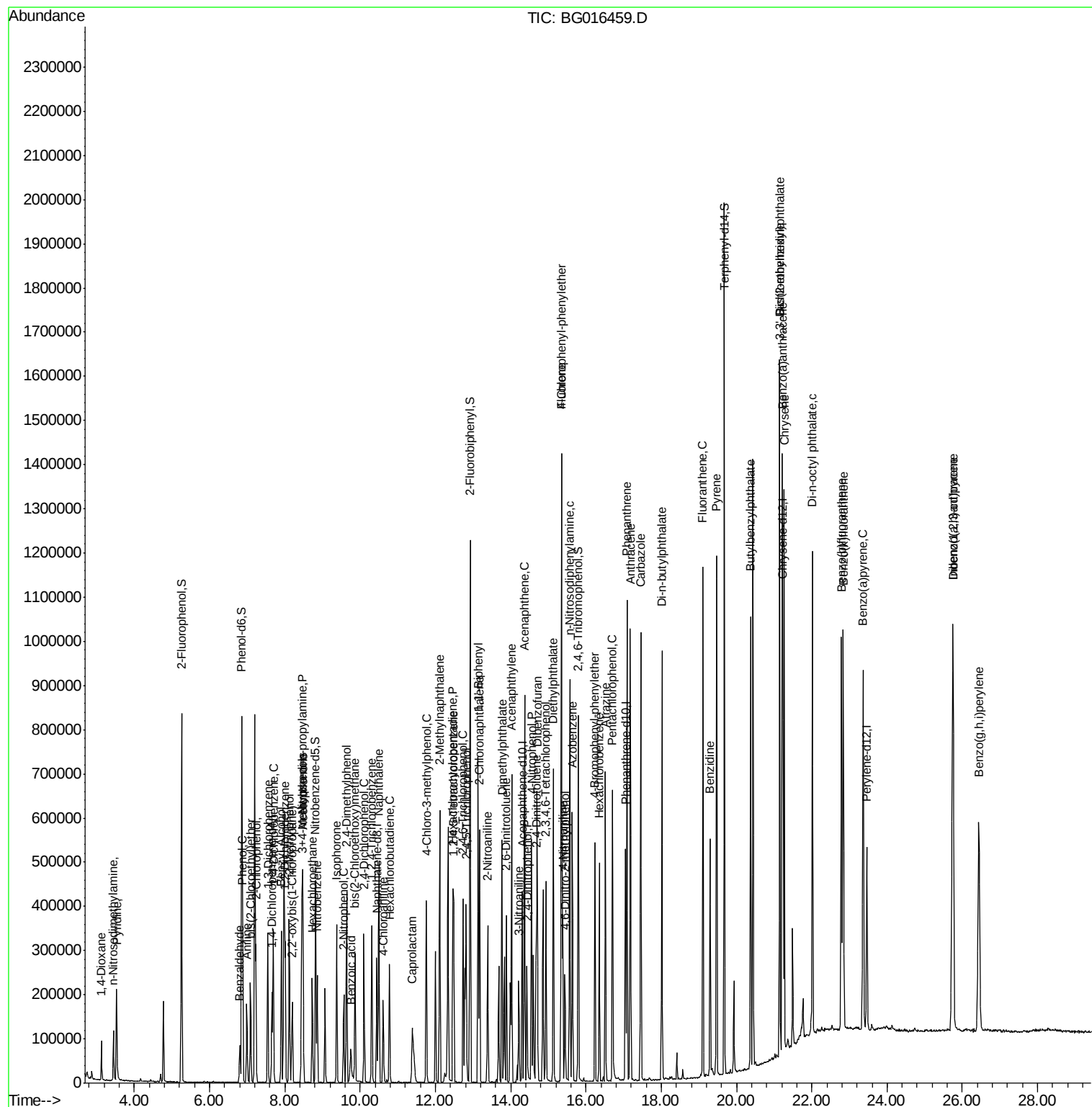
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.74	196	92404	41.38	ng	99
43) 2,4,5-Trichlorophenol	12.82	196	104353	43.74	ng	95
45) 1,1'-Biphenyl	13.14	154	375825	35.90	ng	96
46) 2-Chloronaphthalene	13.18	162	281273	35.27	ng	98
47) 2-Nitroaniline	13.39	65	87896	34.19	ng	88
48) Acenaphthylene	14.02	152	498717	35.17	ng	99
49) Dimethylphthalate	13.77	163	362243	36.22	ng	99
50) 2,6-Dinitrotoluene	13.89	165	89431	36.97	ng	92
51) Acenaphthene	14.37	154	296673	35.01	ng	97
52) 3-Nitroaniline	14.22	138	70450	22.80	ng	87
53) 2,4-Dinitrophenol	14.43	184	75787	56.81	ng	90
54) Dibenzofuran	14.71	168	433495	36.86	ng	97
55) 4-Nitrophenol	14.56	139	189311	74.15	ng	91
56) 2,4-Dinitrotoluene	14.68	165	127893	38.81	ng	91
57) Fluorene	15.35	166	382908	36.91	ng	98
58) 2,3,4,6-Tetrachlorophenol	14.94	232	80388	43.66	ng	91
59) Diethylphthalate	15.13	149	384863	36.15	ng	99
60) 4-Chlorophenyl-phenylether	15.35	204	158809	37.42	ng	93
61) 4-Nitroaniline	15.39	138	122110	34.82	ng	95
62) Azobenzene	15.64	77	371135	32.75	ng	98
64) 4,6-Dinitro-2-methylphenol	15.45	198	66011	33.82	ng	88
65) n-Nitrosodiphenylamine	15.57	169	344961	35.43	ng	99
66) 4-Bromophenyl-phenylether	16.24	248	85088	37.00	ng	91
67) Hexachlorobenzene	16.36	284	87211	36.49	ng	97
68) Atrazine	16.52	200	109630	40.40	ng	98
69) Pentachlorophenol	16.70	266	104849	71.85	ng	97
70) Phenanthrene	17.09	178	576106	35.57	ng	99
71) Anthracene	17.18	178	591188	36.83	ng	99
72) Carbazole	17.46	167	606407	37.64	ng	99
73) Di-n-butylphthalate	18.02	149	727913	36.92	ng	98
74) Fluoranthene	19.11	202	615505	36.87	ng	94
76) Benzidine	19.30	184	296337	27.94	ng	99
77) Pyrene	19.47	202	631652	36.27	ng	100
79) Butylbenzylphthalate	20.38	149	323807	37.85	ng	93
80) Benzo(a)anthracene	21.22	228	537411	36.36	ng	99
81) 3,3'-Dichlorobenzidine	21.16	252	117265	24.13	ng	98
82) Chrysene	21.27	228	515622	36.14	ng	99
83) Bis(2-ethylhexyl)phthalate	21.14	149	451318	38.97	ng	99
84) Di-n-octyl phthalate	22.01	149	757833	40.16	ng	97
85) Indeno(1,2,3-cd)pyrene	25.75	276	563736	38.03	ng	96
87) Benzo(b)fluoranthene	22.79	252	510844	36.52	ng	97
88) Benzo(k)fluoranthene	22.84	252	485889	35.50	ng	98
89) Benzo(a)pyrene	23.37	252	495663	37.81	ng	99
90) Dibenzo(a,h)anthracene	25.76	278	470070	36.85	ng	95
91) Benzo(g,h,i)perylene	26.44	276	473756	37.18	ng	96

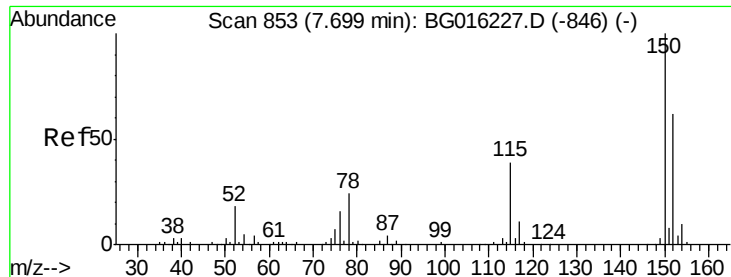
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.66 min Scan# 846

Delta R.T. 0.00 min

Lab File: BG016459.D

Acq: 16 Apr 2015 17:22

Instrument :

BNA_G

ClientSampleId :

PB82771BS

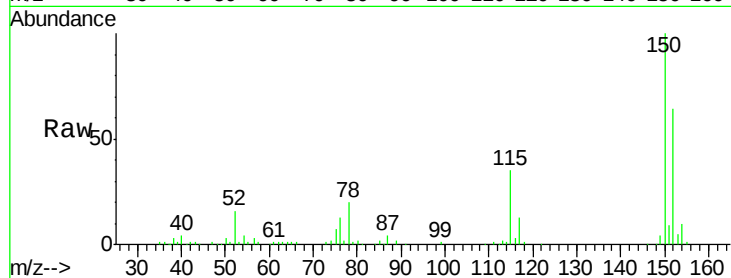
Tgt Ion:152 Resp: 56641

Ion Ratio Lower Upper

152 100

150 156.1 130.1 195.1

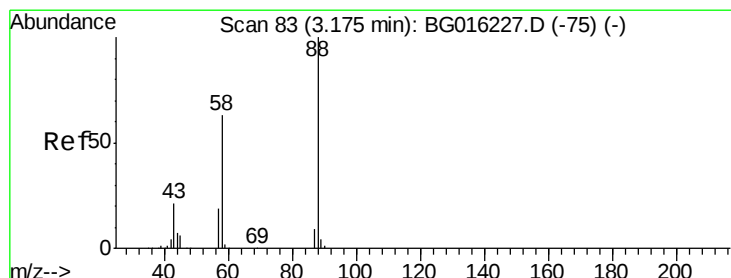
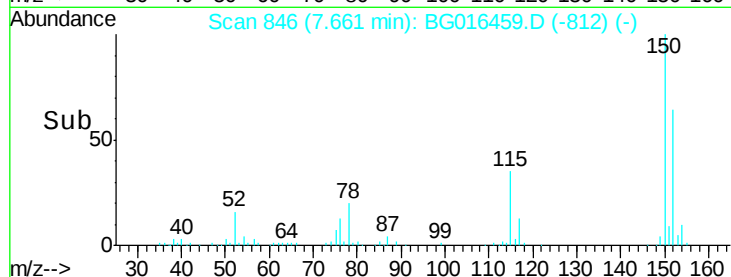
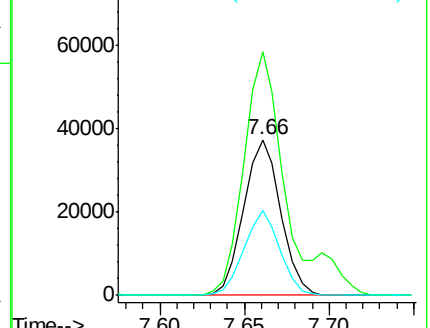
115 54.4 50.5 75.7



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: 28.33 ng

RT: 3.13 min Scan# 75

Delta R.T. -0.00 min

Lab File: BG016459.D

Acq: 16 Apr 2015 17:22

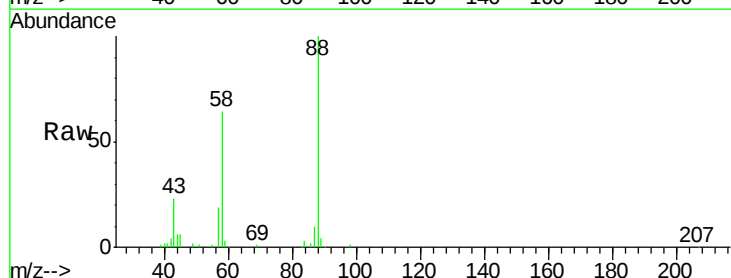
Tgt Ion: 88 Resp: 46223

Ion Ratio Lower Upper

88 100

58 63.0 50.6 76.0

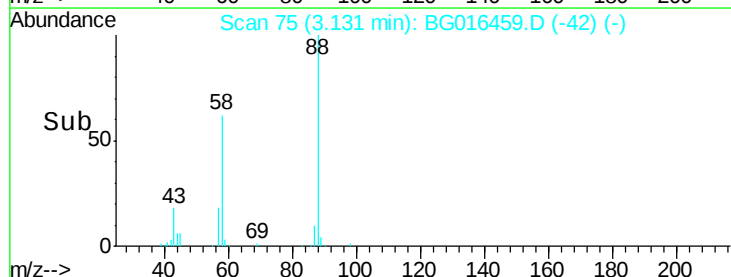
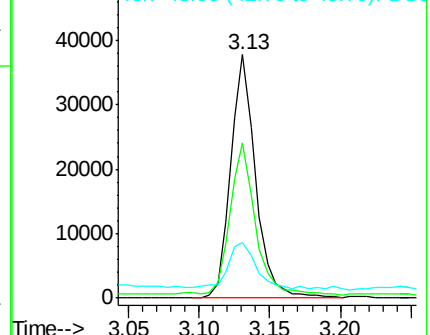
43 20.8 17.0 25.4

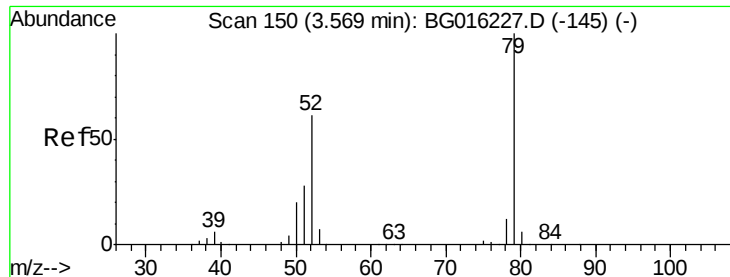


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 26.65 ng

RT: 3.53 min Scan# 143

Delta R.T. -0.00 min

Lab File: BG016459.D

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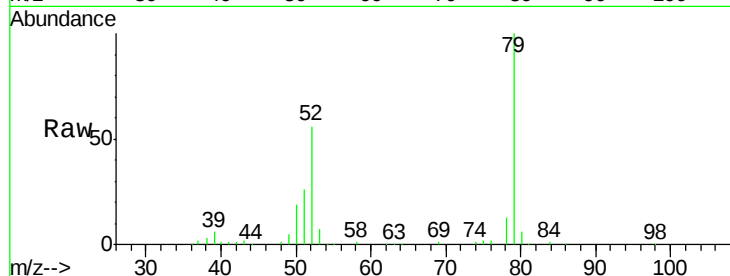
Tgt Ion: 79 Resp: 129927

Ion Ratio Lower Upper

79 100

52 56.0 49.0 73.4

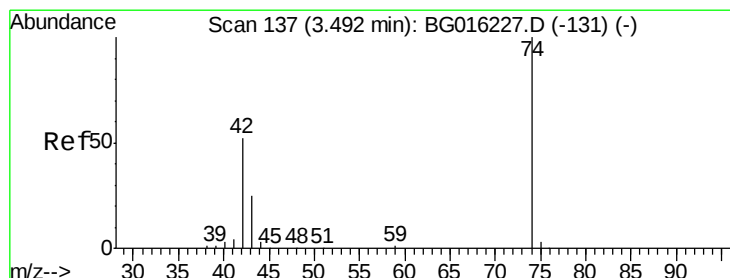
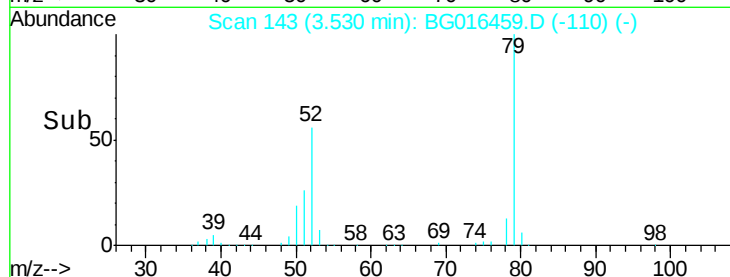
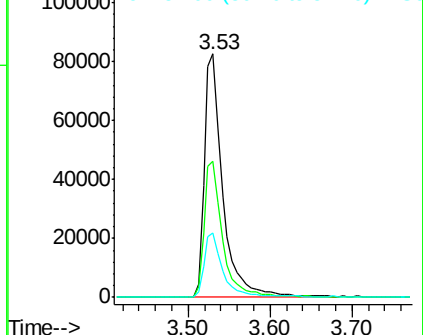
51 26.3 22.5 33.7



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 27.54 ng

RT: 3.45 min Scan# 129

Delta R.T. 0.00 min

Lab File: BG016459.D

Acq: 16 Apr 2015 17:22

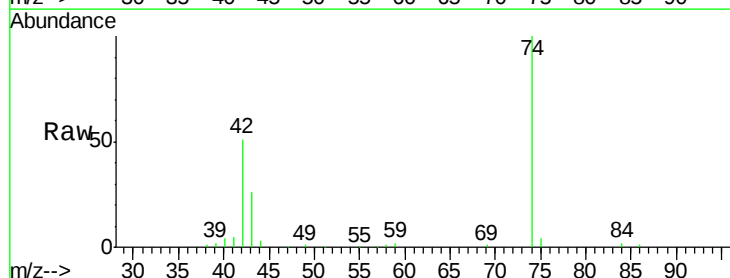
Tgt Ion: 42 Resp: 39923

Ion Ratio Lower Upper

42 100

74 195.8 153.7 230.5

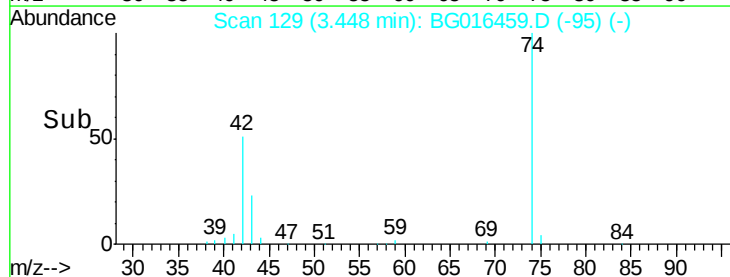
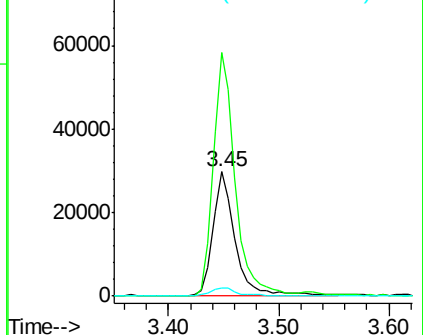
44 6.4 5.3 7.9

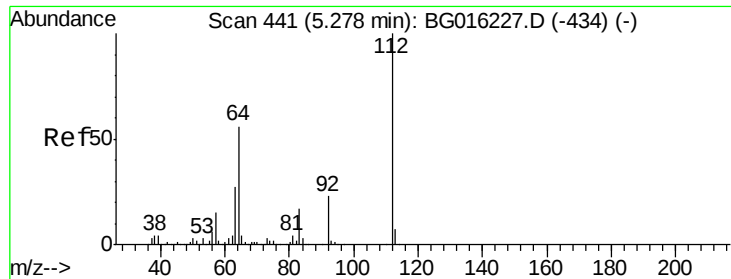


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 109.30 ng

RT: 5.26 min Scan# 437

Delta R.T. 0.01 min

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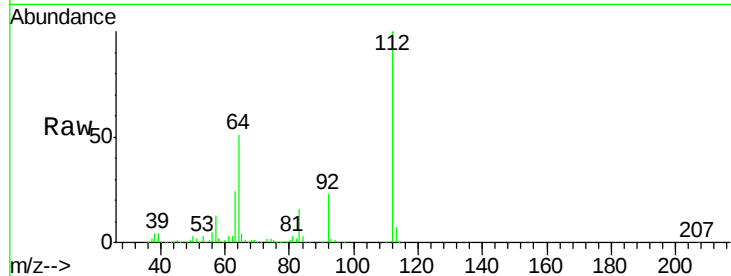
Tgt Ion: 112 Resp: 392260

Ion Ratio Lower Upper

112 100

64 50.6 44.5 66.7

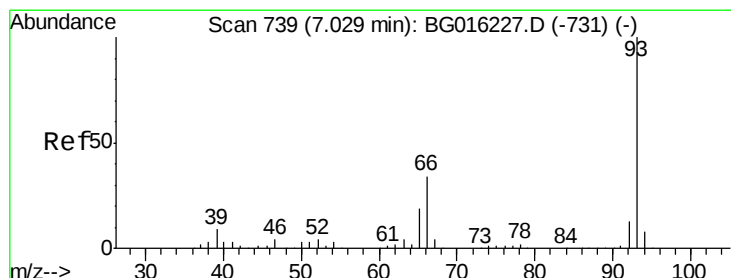
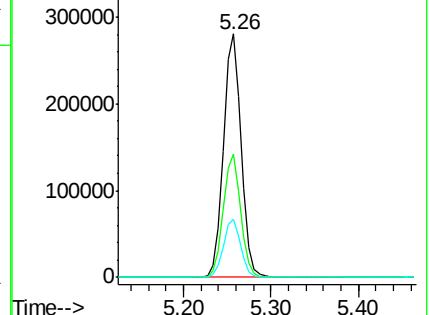
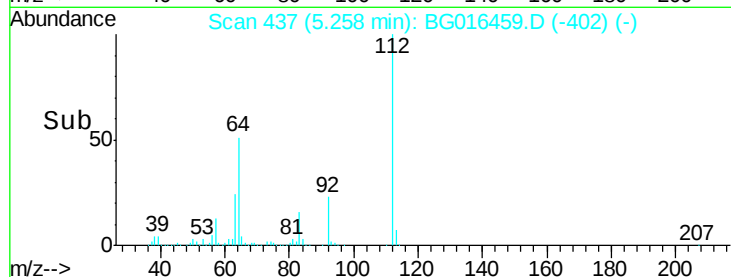
63 23.8 21.4 32.0



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 15.92 ng

RT: 6.99 min Scan# 732

Delta R.T. 0.00 min

Lab File: BG016459.D

Acq: 16 Apr 2015 17:22

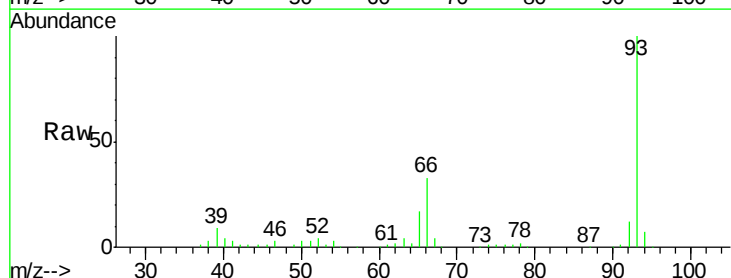
Tgt Ion: 93 Resp: 122490

Ion Ratio Lower Upper

93 100

66 33.1 27.5 41.3

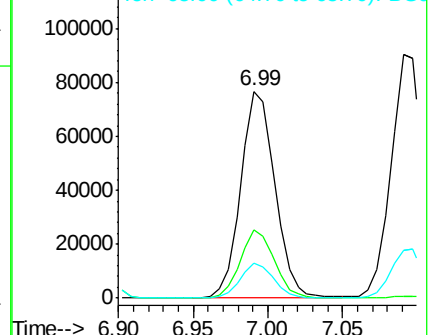
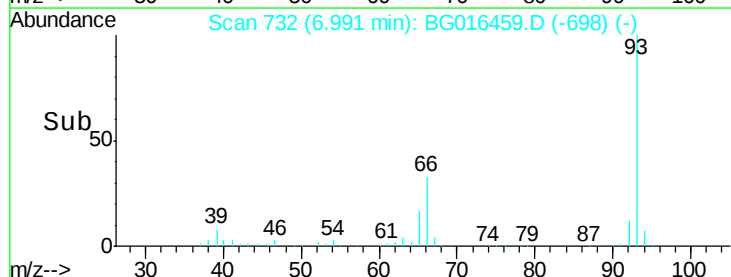
65 17.1 15.1 22.7

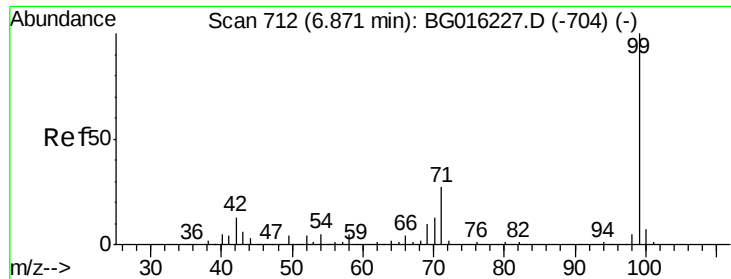


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 99.52 ng

RT: 6.86 min Scan# 709

Delta R.T. 0.00 min

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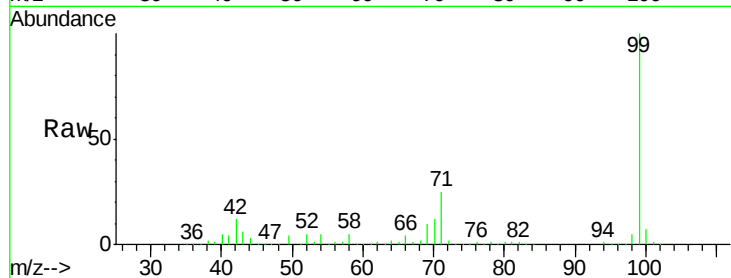
Tgt Ion: 99 Resp: 536160

Ion Ratio Lower Upper

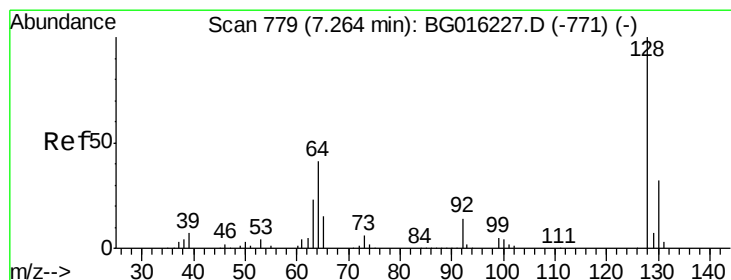
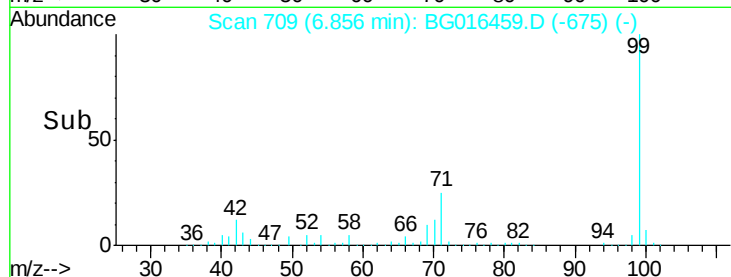
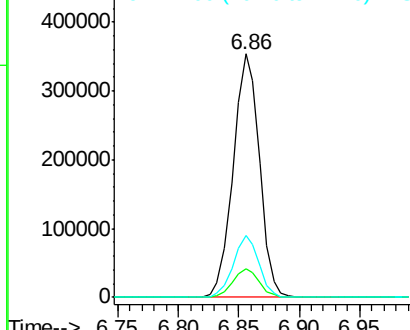
99 100

42 11.6 10.0 15.0

71 25.3 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: 34.83 ng

RT: 7.23 min Scan# 773

Delta R.T. 0.00 min

Lab File: BG016459.D

Acq: 16 Apr 2015 17:22

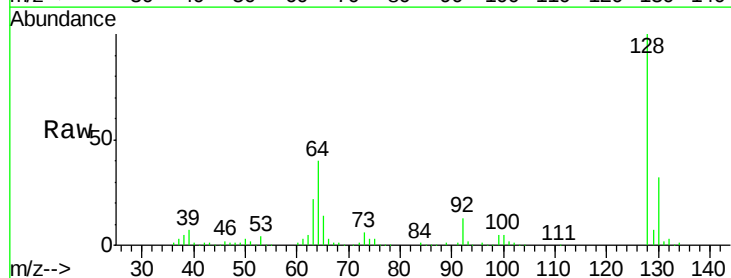
Tgt Ion: 128 Resp: 150107

Ion Ratio Lower Upper

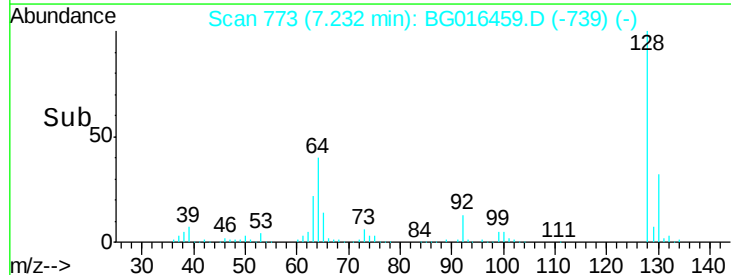
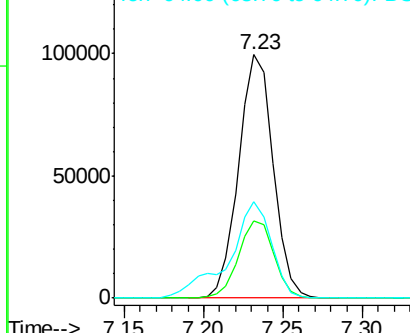
128 100

130 31.9 11.6 51.6

64 39.8 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: 9.10 ng

RT: 6.80 min Scan# 700

Delta R.T. 0.00 min

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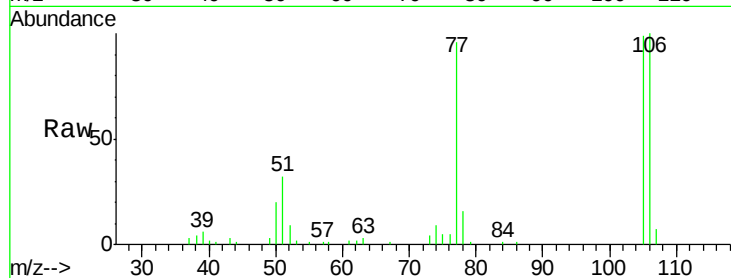
Tgt Ion: 77 Resp: 28717

Ion Ratio Lower Upper

77 100

105 103.3 76.8 116.8

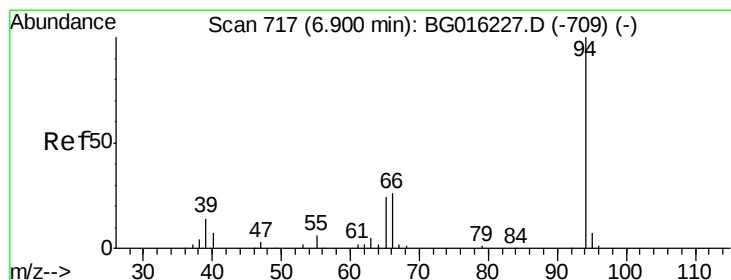
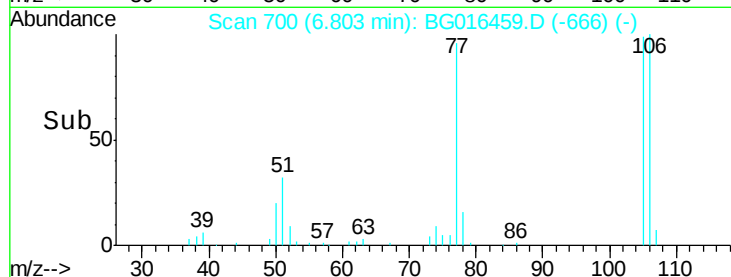
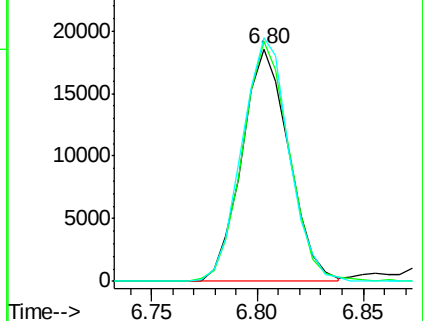
106 104.7 80.1 120.1



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: 32.65 ng

RT: 6.89 min Scan# 714

Delta R.T. 0.01 min

Lab File: BG016459.D

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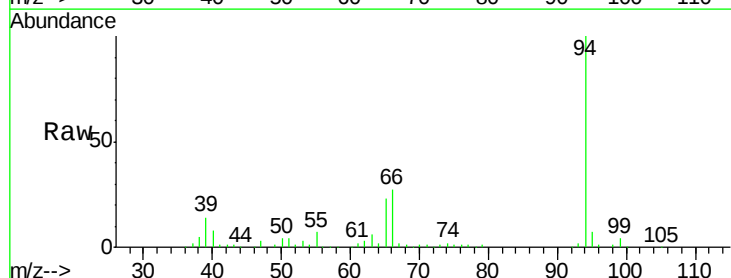
Tgt Ion: 94 Resp: 188208

Ion Ratio Lower Upper

94 100

65 23.1 3.8 43.8

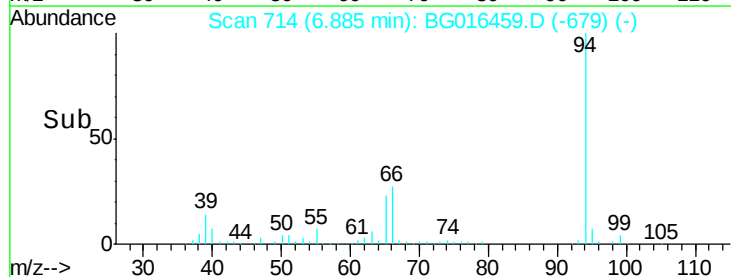
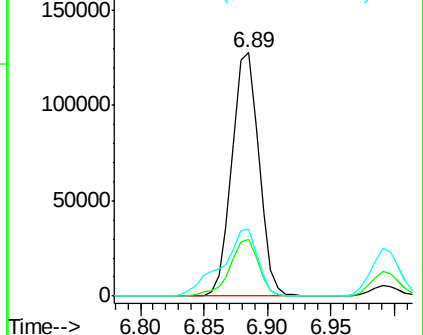
66 27.4 7.4 47.4



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: 29.29 ng

RT: 7.09 min Scan# 749

Delta R.T. 0.00 min

Lab File: BG016459.D

Acq: 16 Apr 2015 17:22

Instrument :

BNA_G

ClientSampleId :

PB82771BS

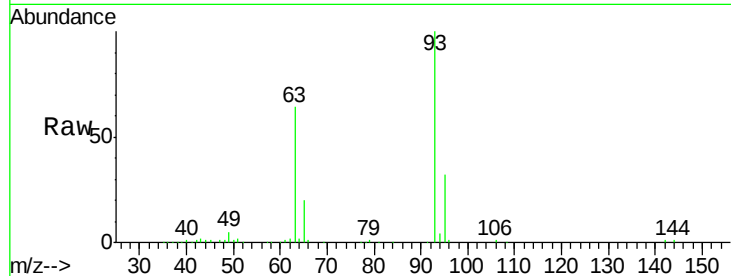
Tgt Ion: 93 Resp: 134619

Ion Ratio Lower Upper

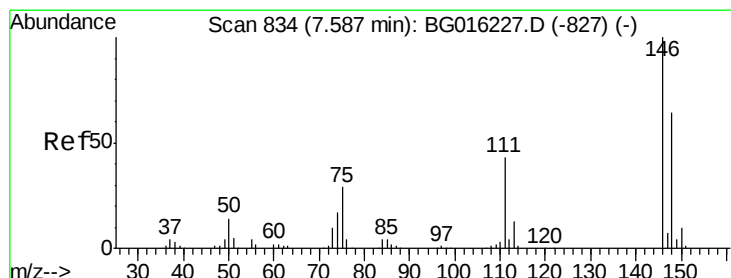
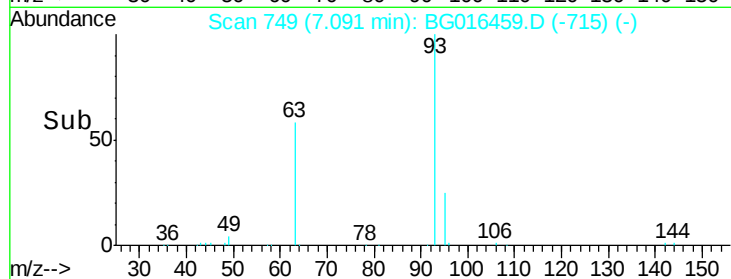
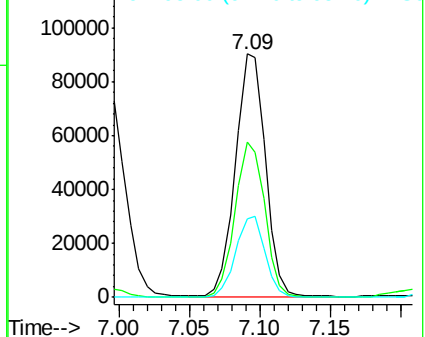
93 100

63 63.9 44.1 84.1

95 32.1 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: 33.23 ng

RT: 7.55 min Scan# 827

Delta R.T. 0.00 min

Lab File: BG016459.D

Acq: 16 Apr 2015 17:22

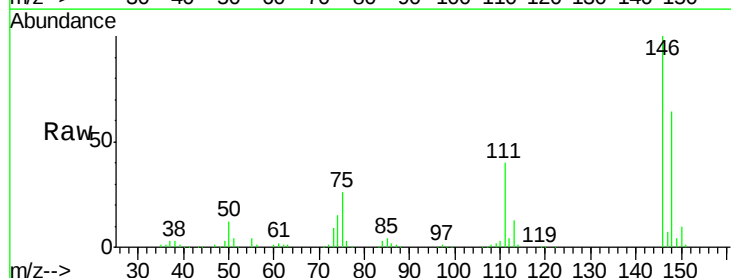
Tgt Ion: 146 Resp: 144633

Ion Ratio Lower Upper

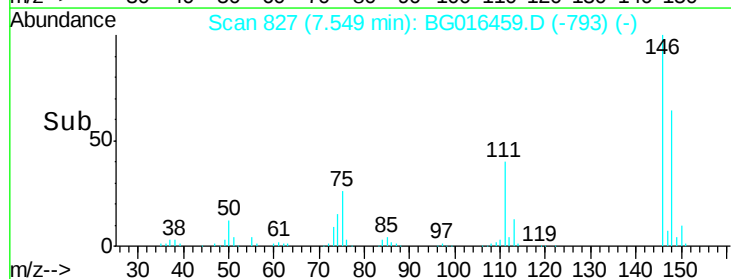
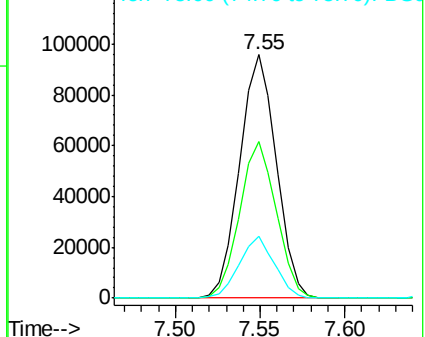
146 100

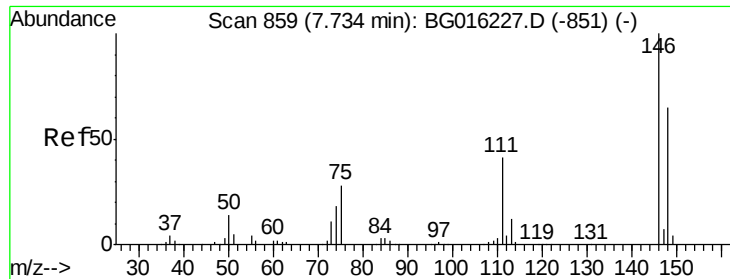
148 64.1 50.9 76.3

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

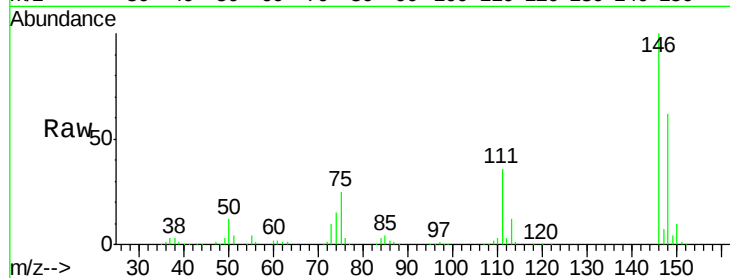




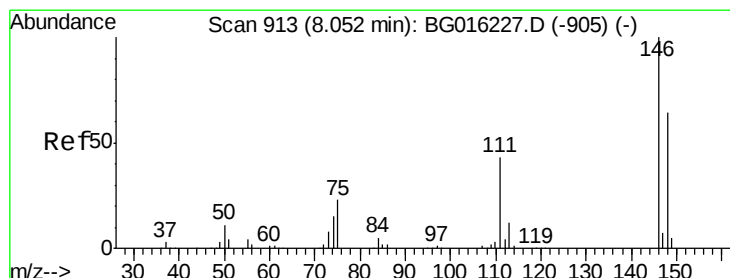
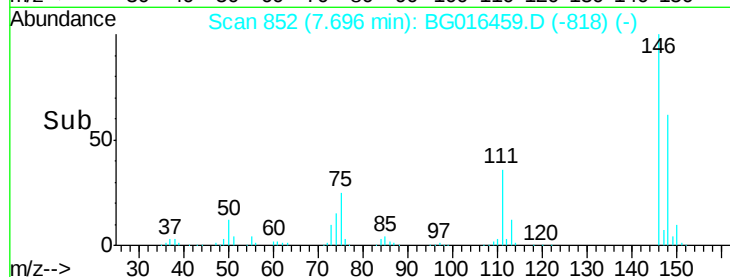
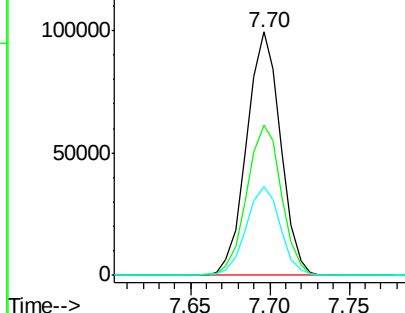
#13
 1,4-Dichlorobenzene
 Concen: 32.67 ng
 RT: 7.70 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BG016459.D
 Acq: 16 Apr 2015 17:22

Instrument :
 BNA_G
 ClientSampled :
 PB82771BS

Tgt Ion:146 Resp: 147491
 Ion Ratio Lower Upper
 146 100
 148 61.6 52.0 78.0
 111 36.4 32.6 49.0

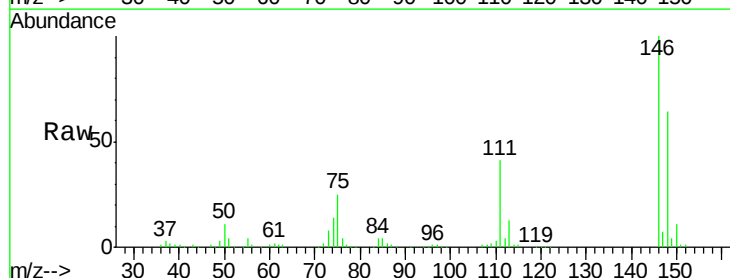


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

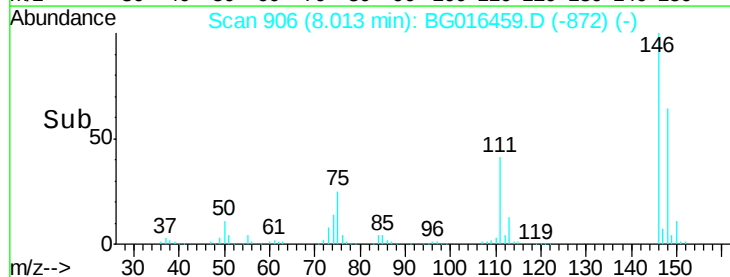
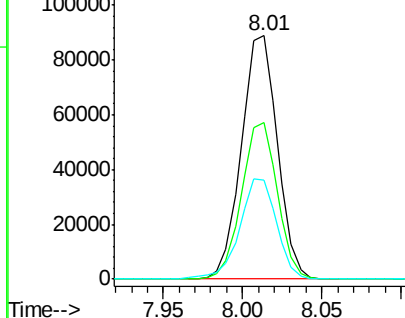


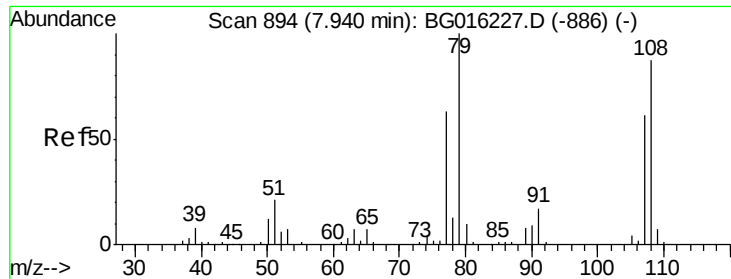
#14
 1,2-Dichlorobenzene
 Concen: 32.48 ng
 RT: 8.01 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BG016459.D
 Acq: 16 Apr 2015 17:22

Tgt Ion:146 Resp: 140263
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.9 76.3
 111 40.9 34.7 52.1



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





#15

Benzyl Alcohol

Concen: 29.14 ng

RT: 7.91 min Scan# 888

Delta R.T. 0.00 min

Lab File: BG016459.D

Acq: 16 Apr 2015 17:22

Instrument :

BNA_G

ClientSampleId :

PB82771BS

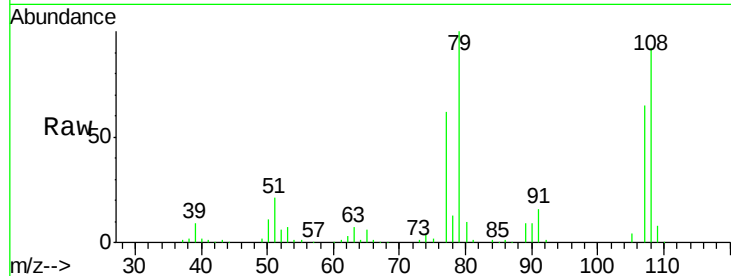
Tgt Ion: 79 Resp: 109447

Ion Ratio Lower Upper

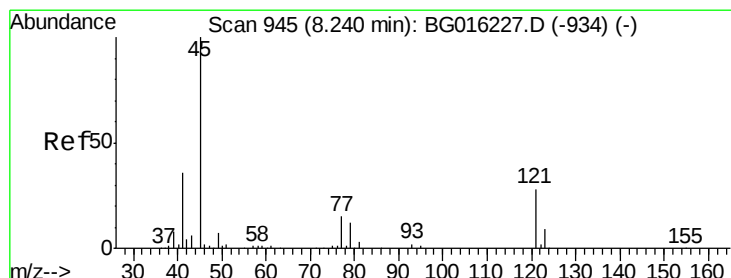
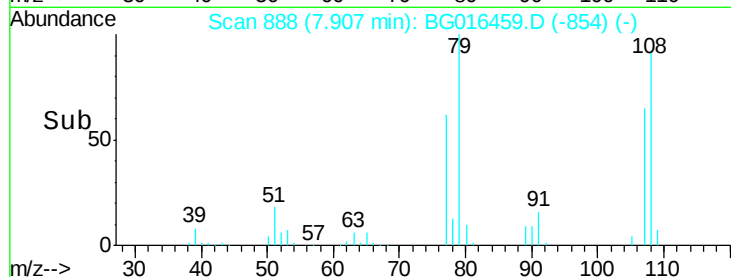
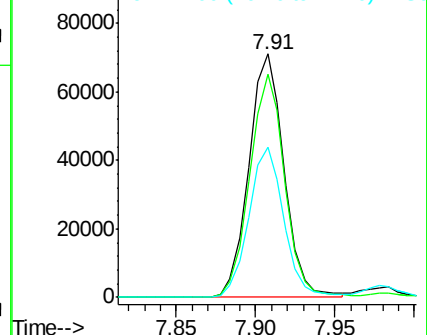
79 100

108 91.9 69.3 103.9

77 61.6 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: 27.11 ng

RT: 8.20 min Scan# 938

Delta R.T. 0.00 min

Lab File: BG016459.D

Acq: 16 Apr 2015 17:22

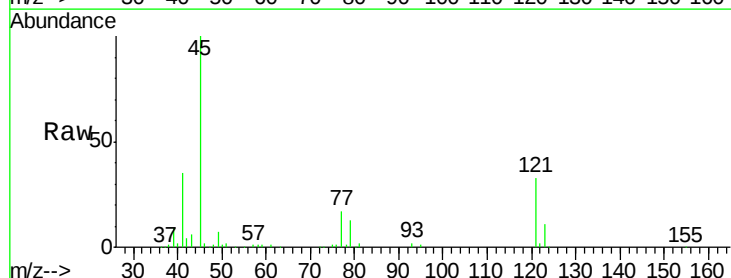
Tgt Ion: 45 Resp: 140328

Ion Ratio Lower Upper

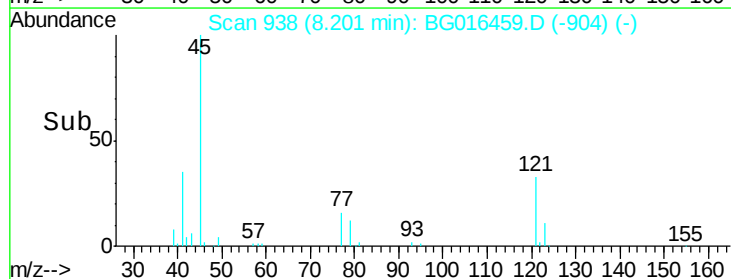
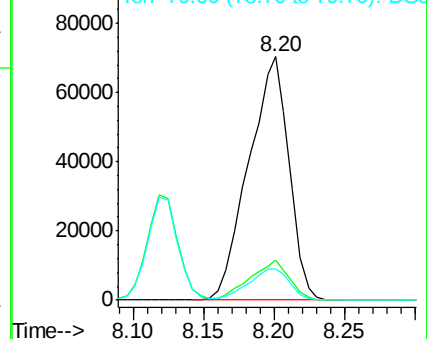
45 100

77 16.7 0.0 35.3

79 12.9 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

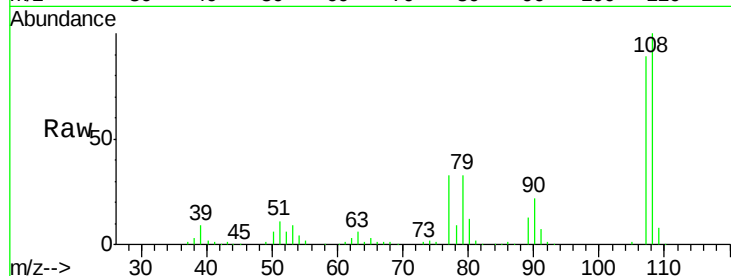




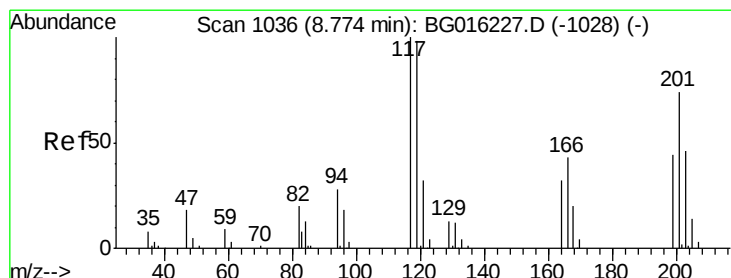
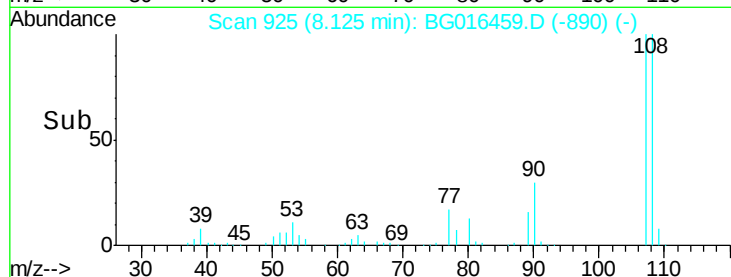
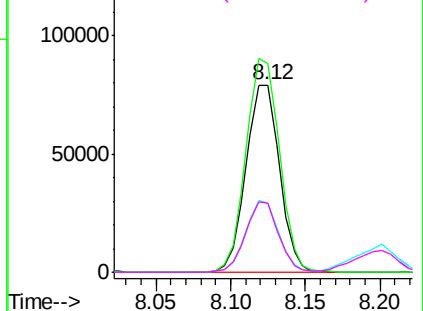
#17
2-Methylphenol
Concen: 31.80 ng
RT: 8.12 min Scan# 925
Delta R.T. 0.01 min
Lab File: BG016459.D
Acq: 16 Apr 2015 17:22

Instrument :
BNA_G
ClientSampleId :
PB82771BS

Tgt Ion:	107	Resp:	122940
Ion	Ratio	Lower	Upper
107	100		
108	111.7	87.2	130.8
77	37.1	31.1	46.7
79	36.7	29.7	44.5

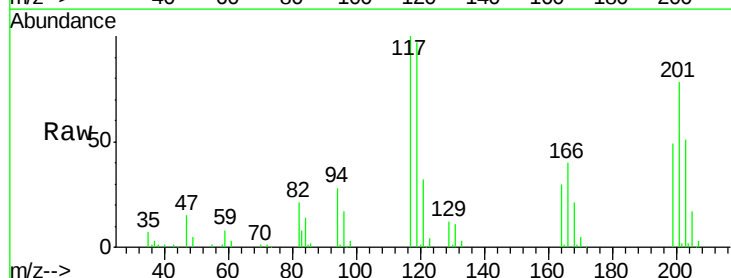


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

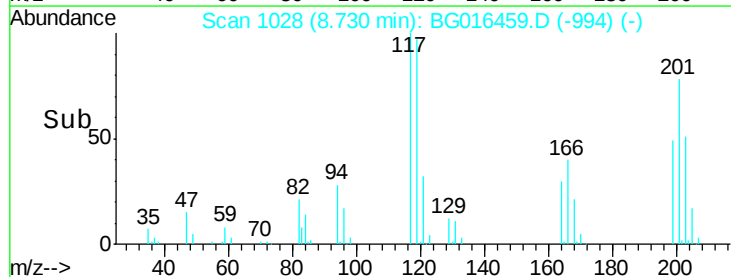
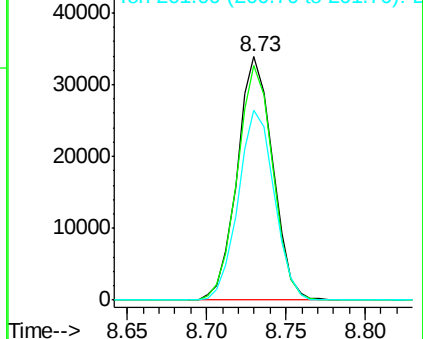


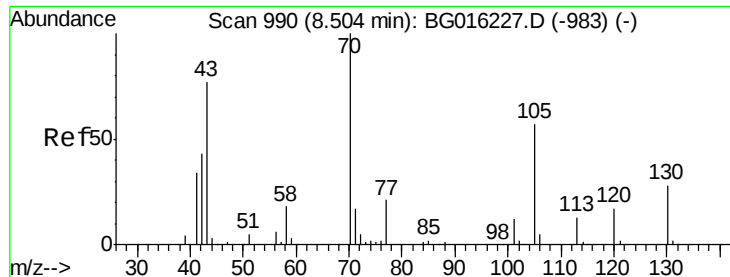
#18
Hexachloroethane
Concen: 30.47 ng
RT: 8.73 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BG016459.D
Acq: 16 Apr 2015 17:22

Tgt Ion:	117	Resp:	52626
Ion	Ratio	Lower	Upper
117	100		
119	96.6	78.8	118.2
201	77.7	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

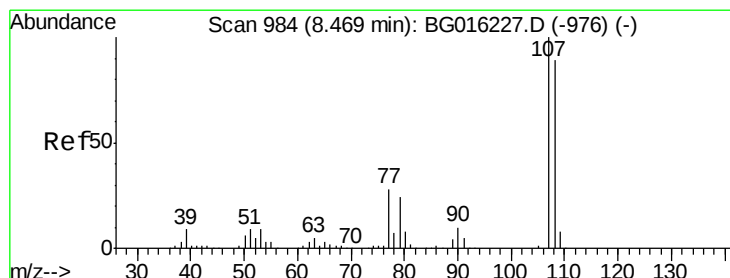
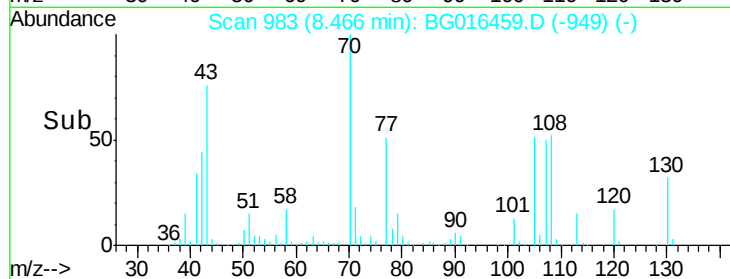
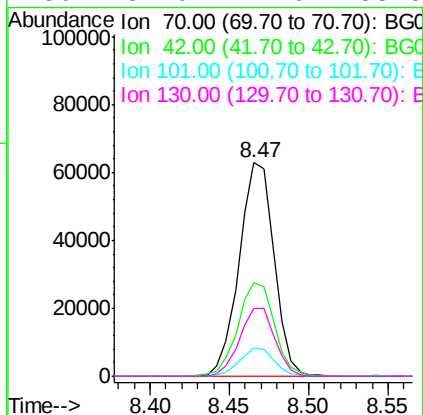
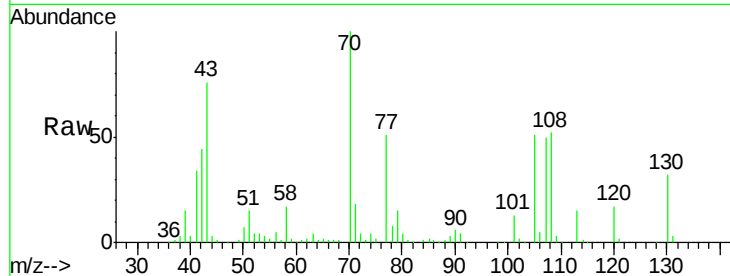




#19
n-Nitroso-di-n-propylamine
Concen: 24.83 ng
RT: 8.47 min Scan# 983
Delta R.T. 0.00 min
Lab File: BG016459.D
Acq: 16 Apr 2015 17:22

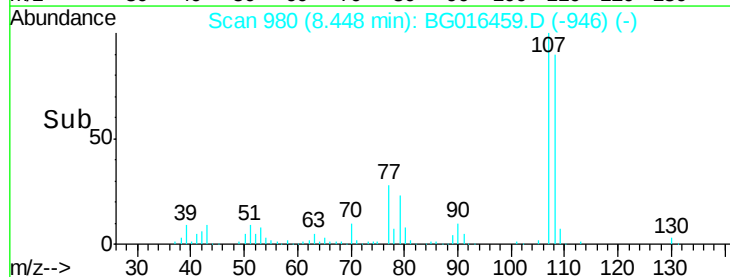
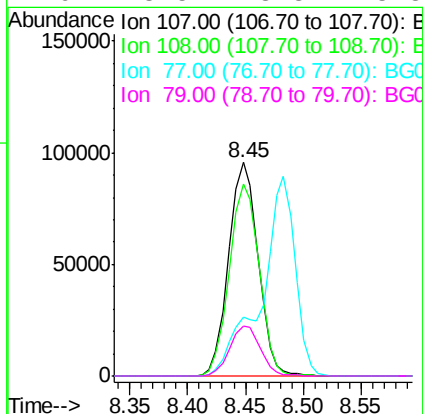
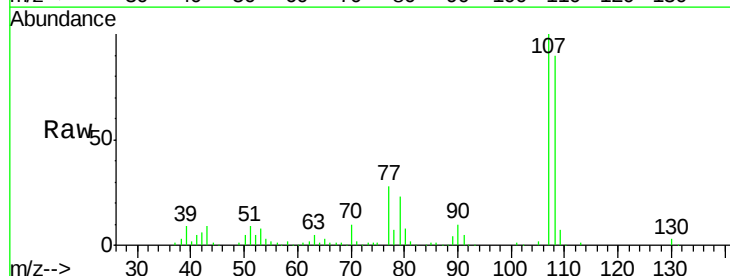
Instrument :
BNA_G
ClientSampleId :
PB82771BS

Tgt Ion: 70 Resp: 95844
Ion Ratio Lower Upper
70 100
42 43.8 34.7 52.1
101 13.0 9.2 13.8
130 32.0 22.6 33.8



#20
3+4-Methylphenols
Concen: 31.63 ng
RT: 8.45 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG016459.D
Acq: 16 Apr 2015 17:22

Tgt Ion: 107 Resp: 169342
Ion Ratio Lower Upper
107 100
108 89.9 69.5 109.5
77 27.6 8.2 48.2
79 23.5 3.8 43.8

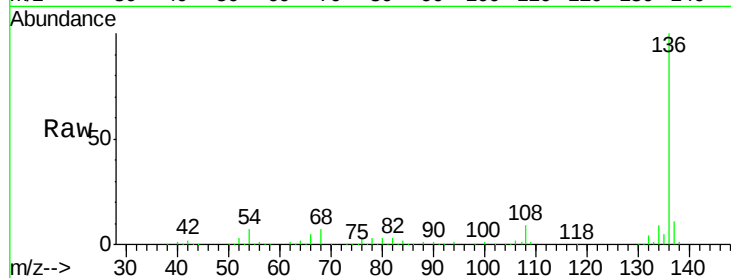




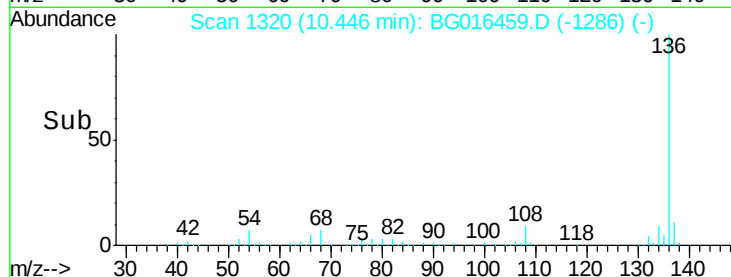
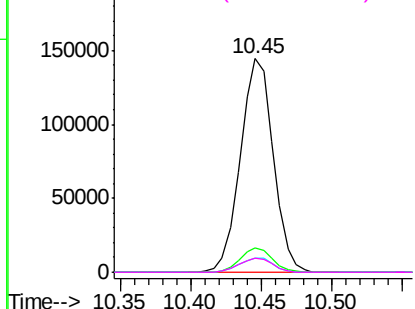
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.45 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BG016459.D
Acq: 16 Apr 2015 17:22

Instrument :
BNA_G
ClientSampleId :
PB82771BS

Tgt Ion:	136	Resp:	234745
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	6.9	6.3	9.5
68	6.8	6.5	9.7

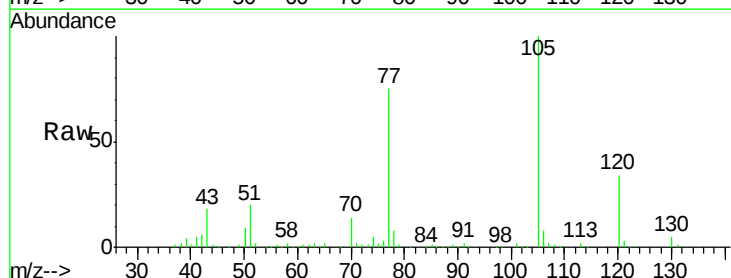


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

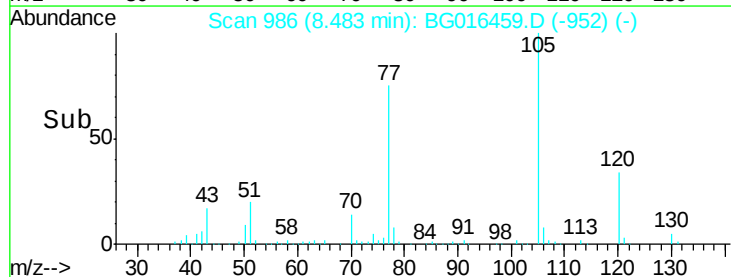
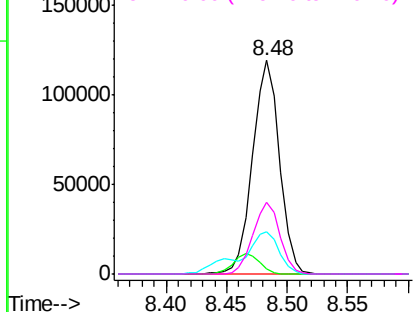


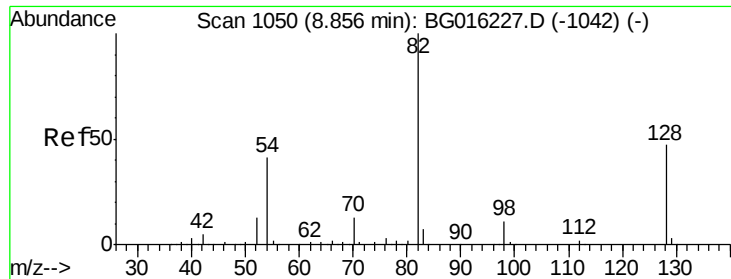
#22
Acetophenone
Concen: 34.00 ng
RT: 8.48 min Scan# 986
Delta R.T. 0.00 min
Lab File: BG016459.D
Acq: 16 Apr 2015 17:22

Tgt Ion:	105	Resp:	185061
Ion	Ratio	Lower	Upper
105	100		
71	2.4	2.0	3.0
51	20.1	17.9	26.9
120	33.5	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

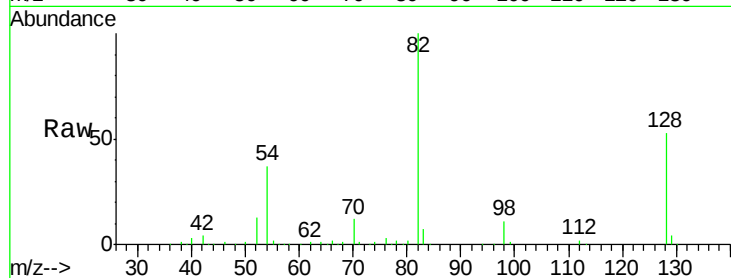




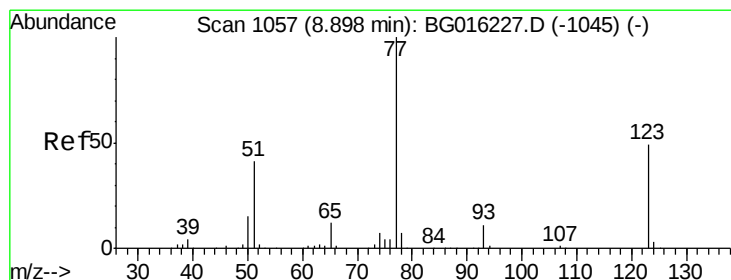
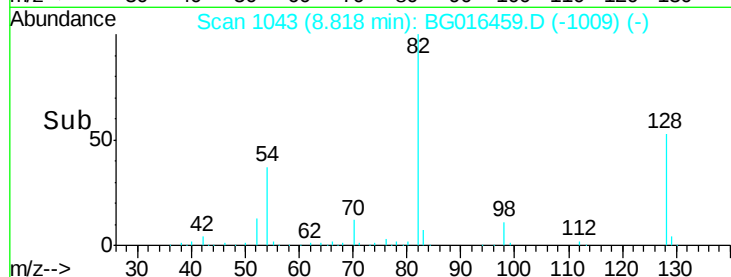
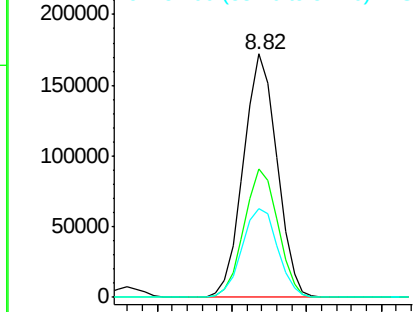
#23
 Nitrobenzene-d5
 Concen: 66.37 ng
 RT: 8.82 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG016459.D
 Acq: 16 Apr 2015 17:22

Instrument :
 BNA_G
 ClientSampleId :
 PB82771BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	52.6	37.8	56.8
54	36.5	32.6	49.0

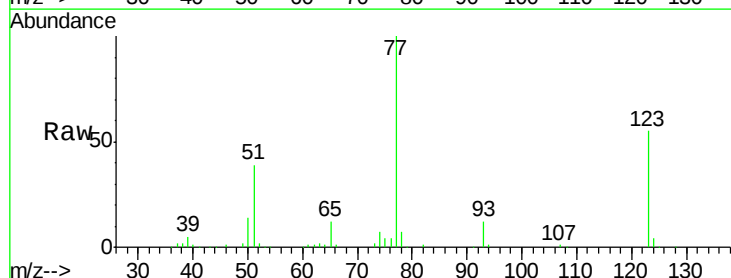


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

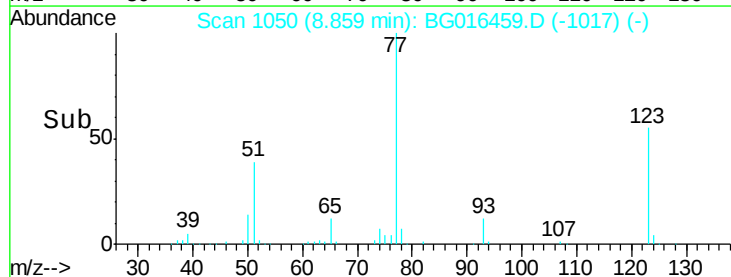
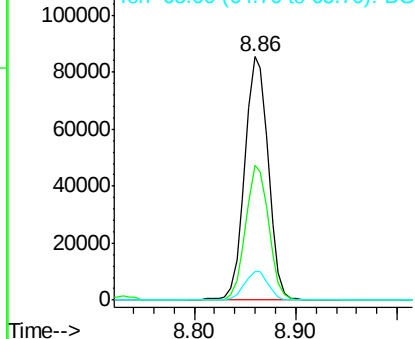


#24
 Nitrobenzene
 Concen: 31.70 ng
 RT: 8.86 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BG016459.D
 Acq: 16 Apr 2015 17:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	55.1	38.8	58.2
65	11.5	9.4	14.2



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





#25

Isophorone

Concen: 29.83 ng

RT: 9.38 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BG016459.D

Acq: 16 Apr 2015 17:22

Instrument :

BNA_G

ClientSampleId :

PB82771BS

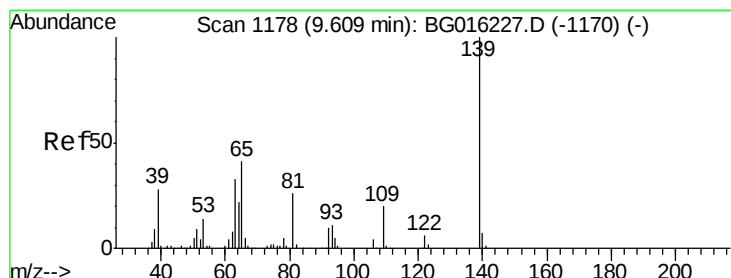
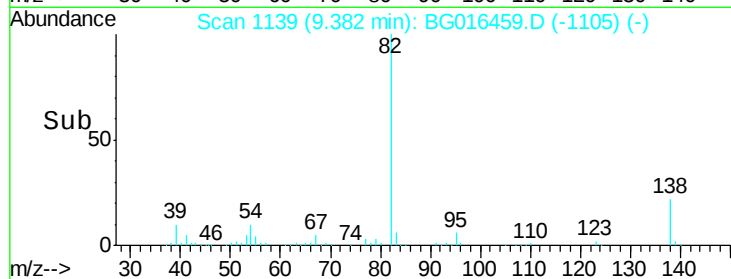
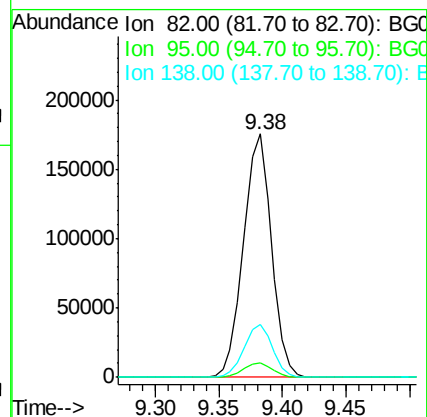
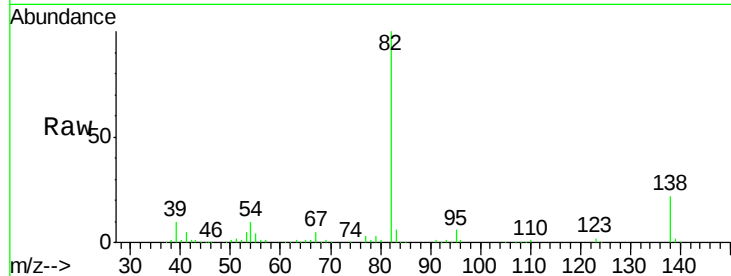
Tgt Ion: 82 Resp: 268419

Ion Ratio Lower Upper

82 100

95 6.0 5.0 7.6

138 21.8 16.2 24.2



#26

2-Nitrophenol

Concen: 40.91 ng

RT: 9.57 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BG016459.D

Acq: 16 Apr 2015 17:22

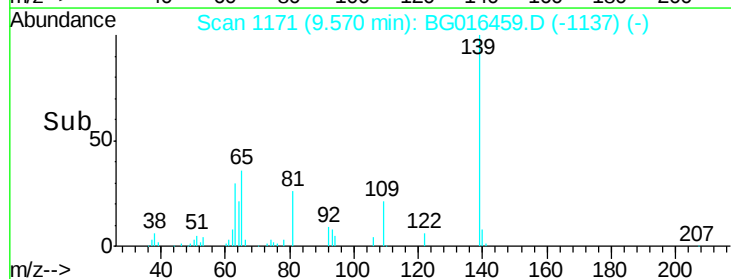
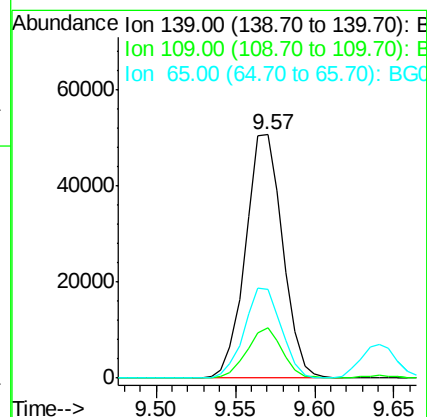
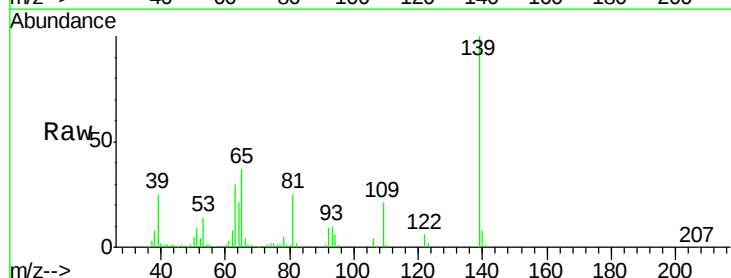
Tgt Ion: 139 Resp: 82666

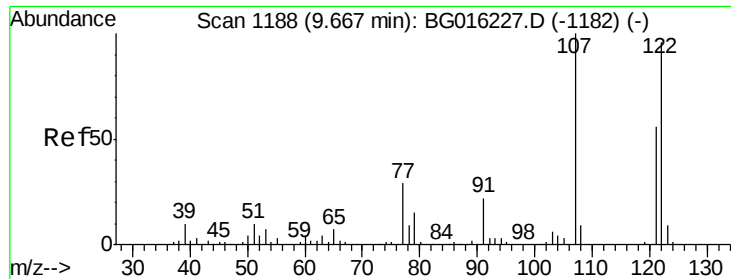
Ion Ratio Lower Upper

139 100

109 20.9 15.9 23.9

65 36.7 32.9 49.3

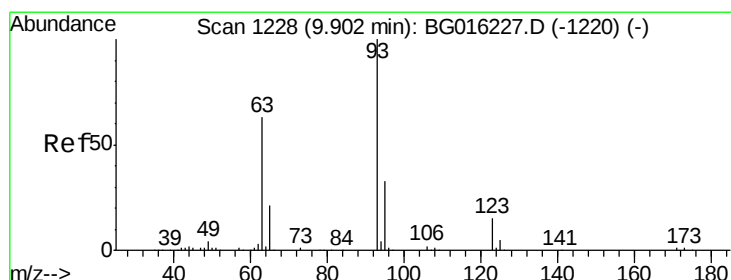
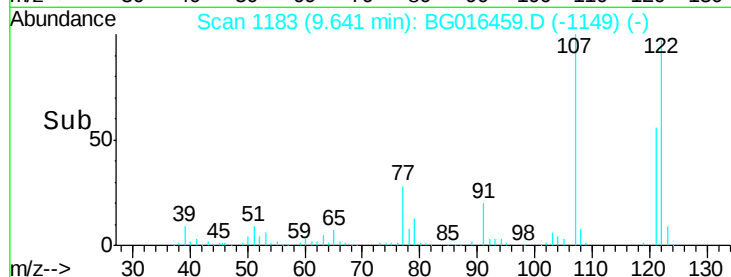
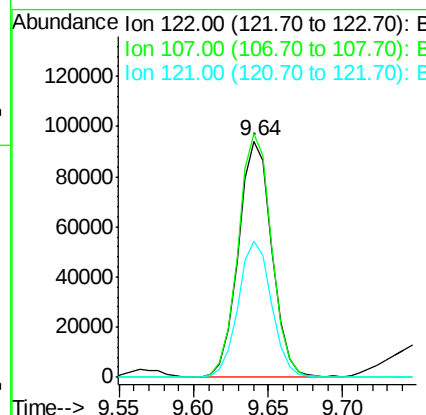
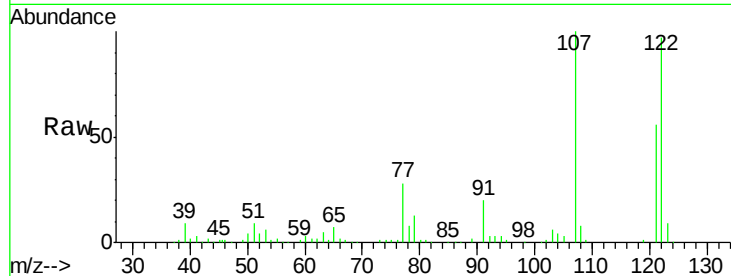




#27
 2,4-Dimethylphenol
 Concen: 39.03 ng
 RT: 9.64 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BG016459.D
 Acq: 16 Apr 2015 17:22

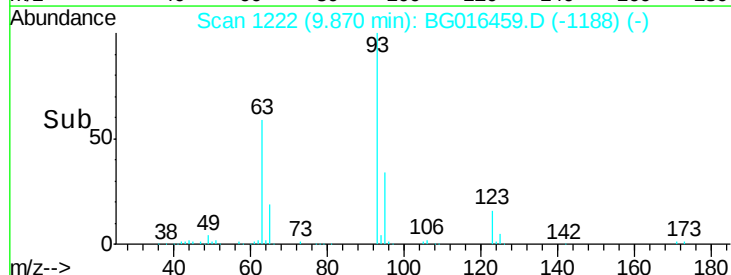
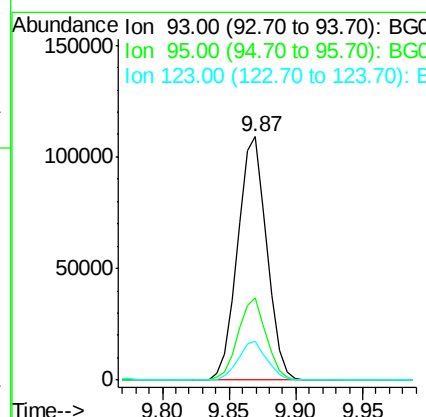
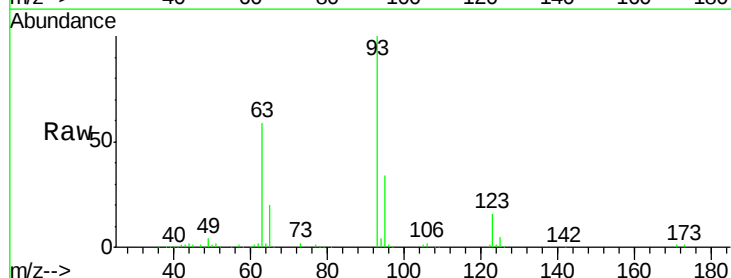
Instrument :
 BNA_G
 ClientSampleId :
 PB82771BS

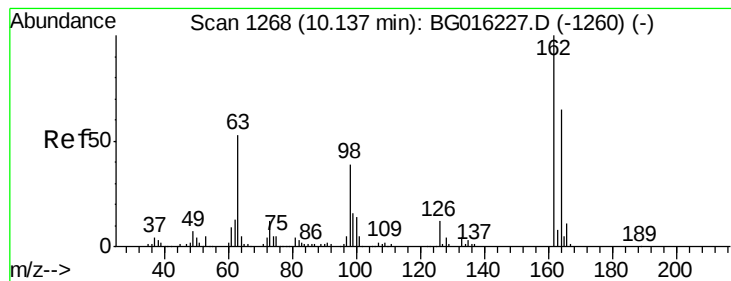
Tgt Ion: 122 Resp: 146898
 Ion Ratio Lower Upper
 122 100
 107 103.2 83.4 125.2
 121 57.8 46.2 69.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 32.07 ng
 RT: 9.87 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BG016459.D
 Acq: 16 Apr 2015 17:22

Tgt Ion: 93 Resp: 164728
 Ion Ratio Lower Upper
 93 100
 95 33.8 26.1 39.1
 123 16.1 11.8 17.8





#29

2,4-Dichlorophenol

Concen: 42.93 ng

RT: 10.10 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BG016459.D

Acq: 16 Apr 2015 17:22

Instrument :

BNA_G

ClientSampleId :

PB82771BS

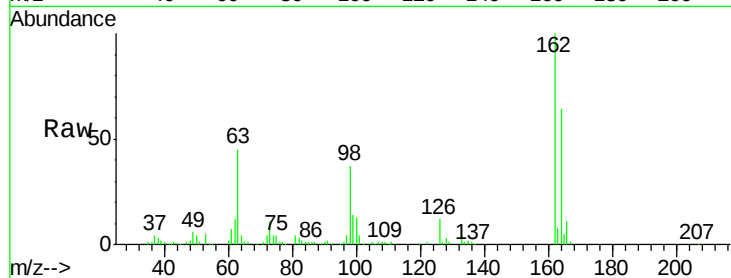
Tgt Ion:162 Resp: 127854

Ion Ratio Lower Upper

162 100

164 64.3 45.0 85.0

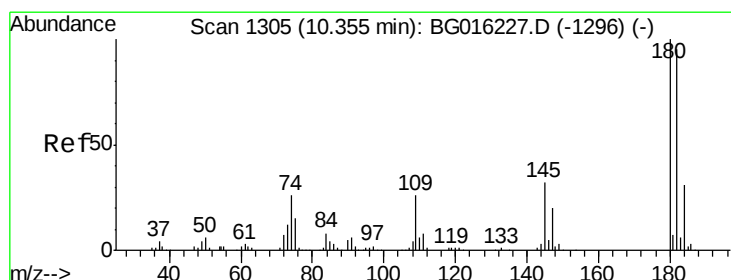
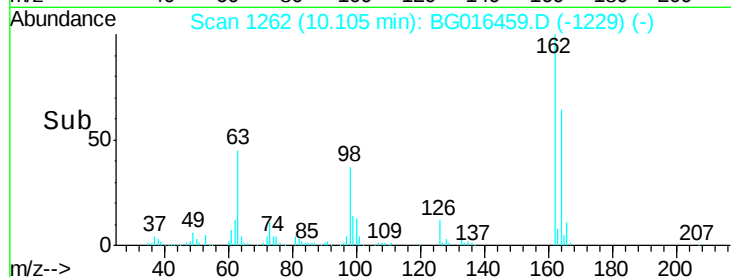
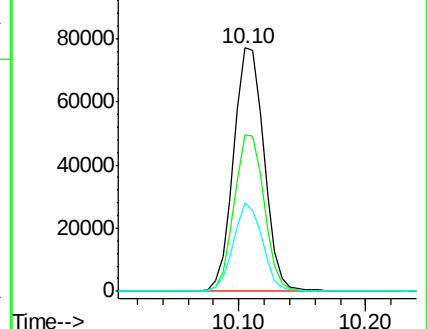
98 36.6 19.1 59.1



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): BGC



#30

1,2,4-Trichlorobenzene

Concen: 37.50 ng

RT: 10.31 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BG016459.D

Acq: 16 Apr 2015 17:22

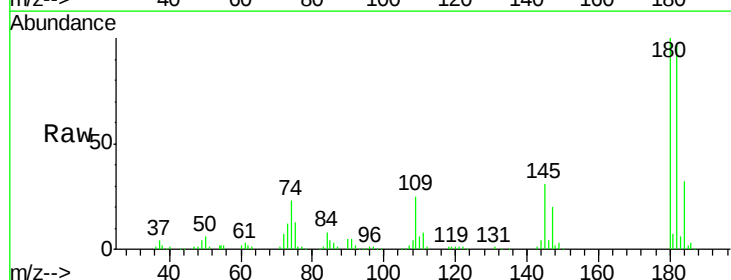
Tgt Ion:180 Resp: 116610

Ion Ratio Lower Upper

180 100

182 97.5 76.3 114.5

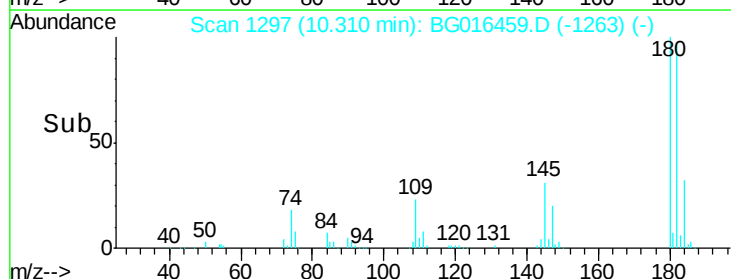
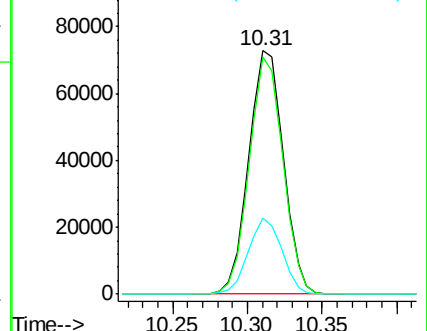
145 31.0 25.2 37.8

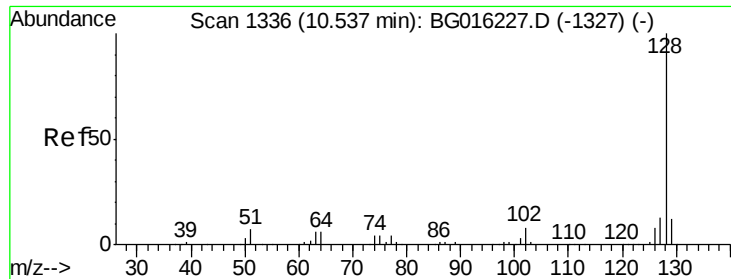


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

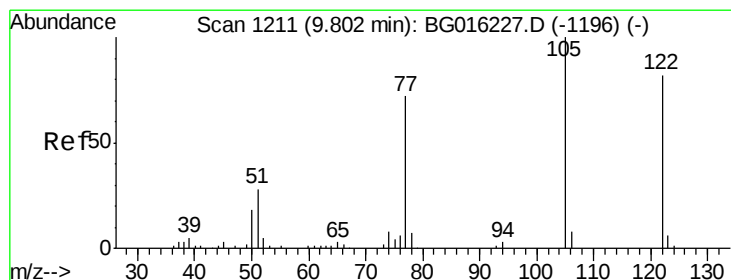
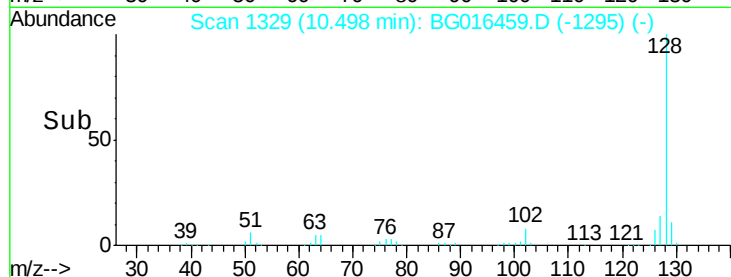
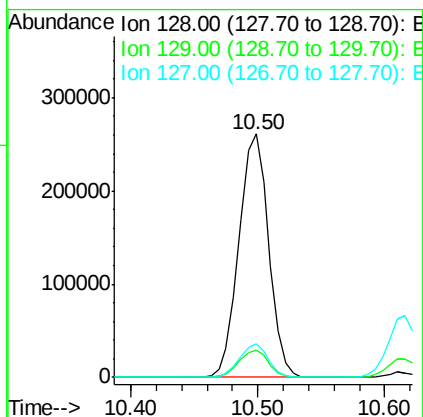
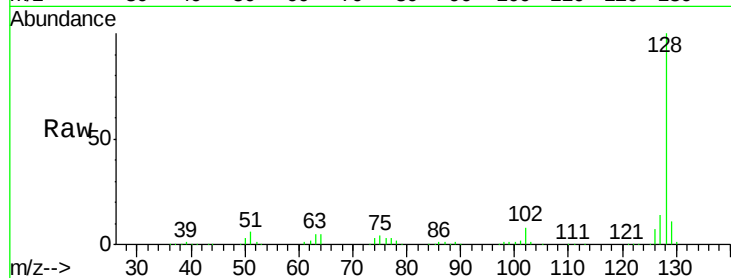




#31
Naphthalene
Concen: 34.62 ng
RT: 10.50 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BG016459.D
Acq: 16 Apr 2015 17:22

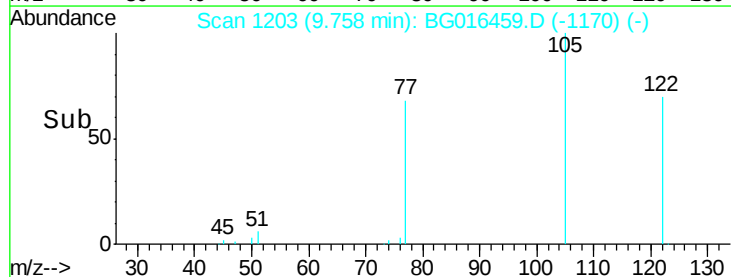
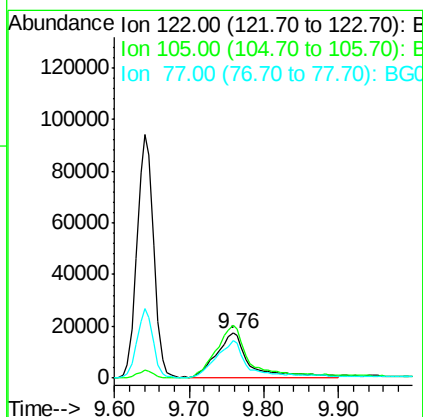
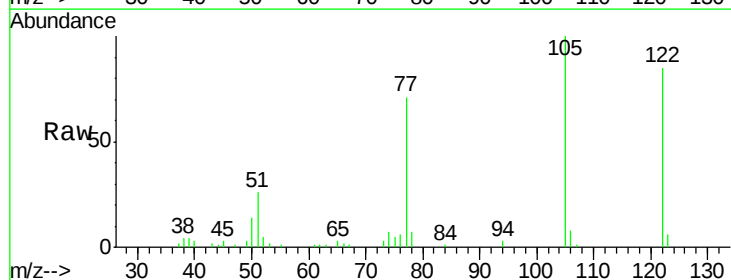
Instrument :
BNA_G
ClientSampleId :
PB82771BS

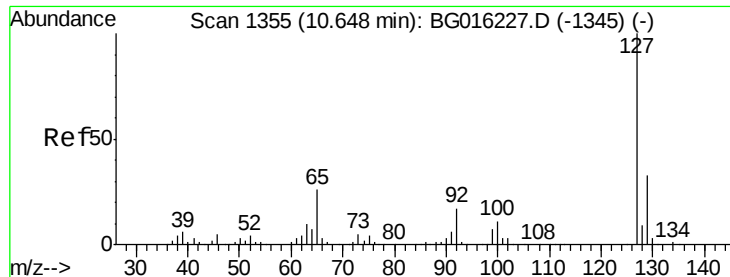
Tgt Ion:128 Resp: 423437
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 13.6 10.6 16.0



#32
Benzoic acid
Concen: 26.44 ng
RT: 9.76 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BG016459.D
Acq: 16 Apr 2015 17:22

Tgt Ion:122 Resp: 53145
Ion Ratio Lower Upper
122 100
105 117.9 99.7 139.7
77 83.2 66.8 106.8

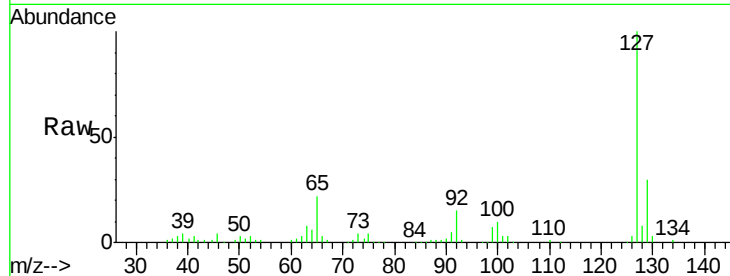




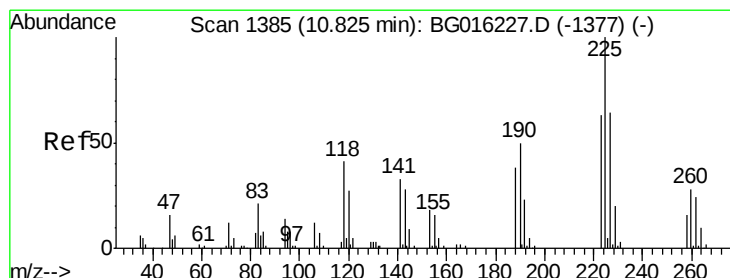
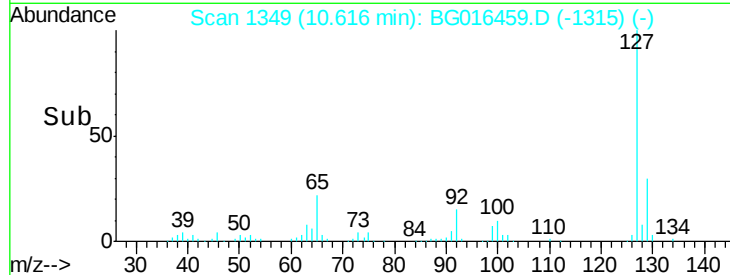
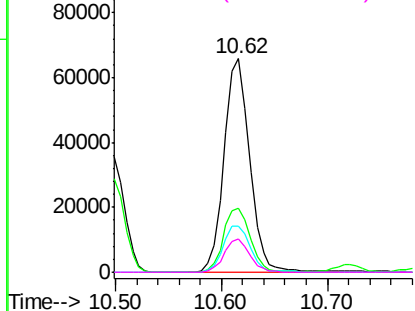
#33
4-Chloroaniline
Concen: 19.34 ng
RT: 10.62 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG016459.D
Acq: 16 Apr 2015 17:22

Instrument :
BNA_G
ClientSampleId :
PB82771BS

Tgt Ion:127 Resp: 111035
Ion Ratio Lower Upper
127 100
129 30.3 26.1 39.1
65 21.6 21.2 31.8
92 15.5 13.8 20.6

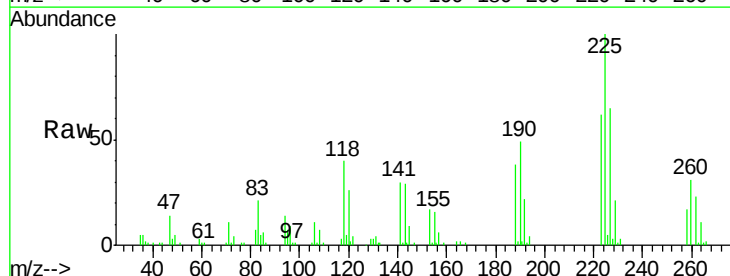


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

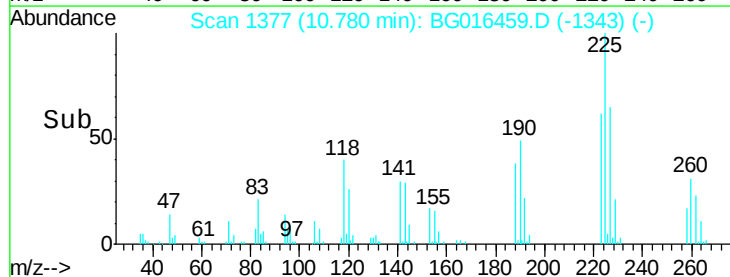
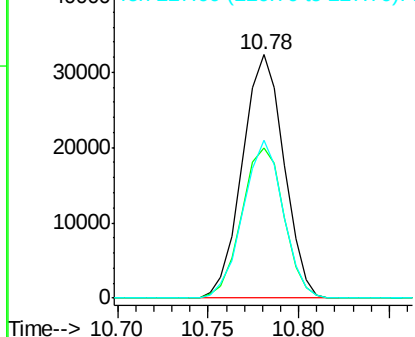


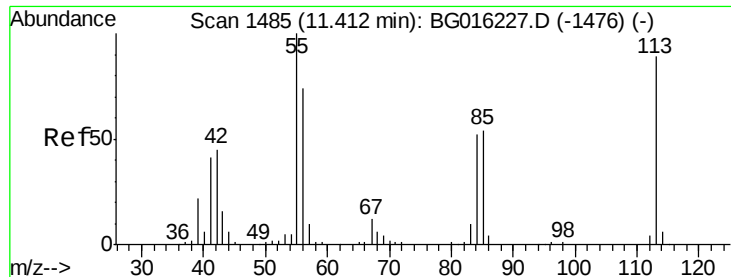
#34
Hexachlorobutadiene
Concen: 37.77 ng
RT: 10.78 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BG016459.D
Acq: 16 Apr 2015 17:22

Tgt Ion:225 Resp: 51588
Ion Ratio Lower Upper
225 100
223 61.7 50.4 75.6
227 64.6 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: 39.27 ng

RT: 11.39 min Scan# 1480

Delta R.T. -0.02 min

Lab File: BG016459.D

Acq: 16 Apr 2015 17:22

Instrument :

BNA_G

ClientSampleId :

PB82771BS

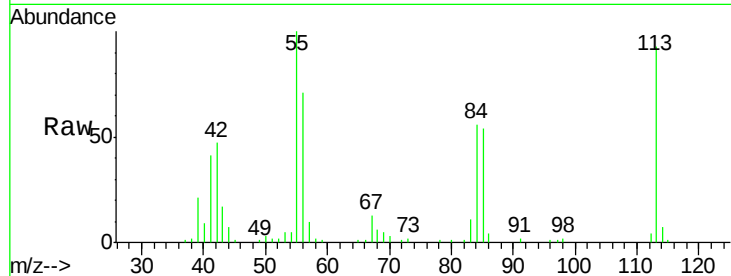
Tgt Ion:113 Resp: 73631

Ion Ratio Lower Upper

113 100

55 107.5 92.4 132.4

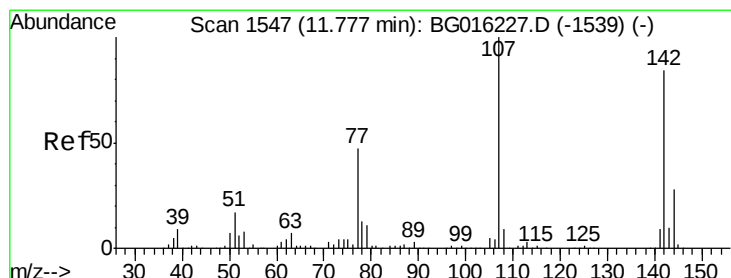
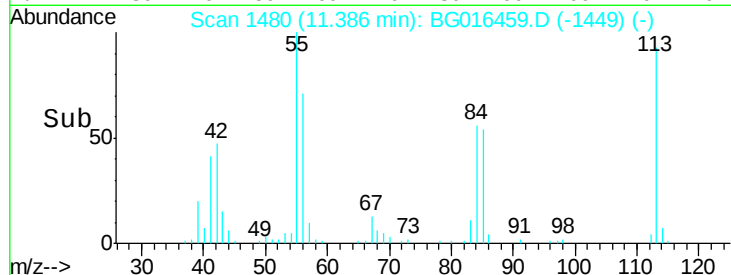
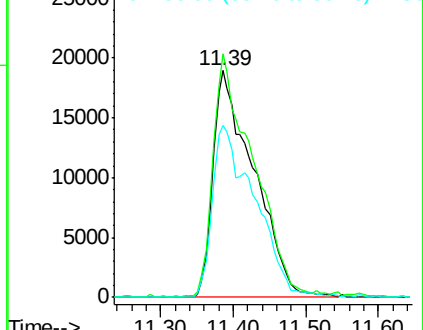
56 75.9 63.2 103.2



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: 37.54 ng

RT: 11.76 min Scan# 1544

Delta R.T. 0.00 min

Lab File: BG016459.D

Acq: 16 Apr 2015 17:22

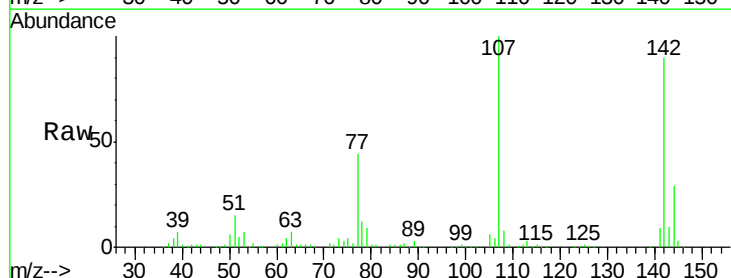
Tgt Ion:107 Resp: 147712

Ion Ratio Lower Upper

107 100

144 29.5 22.0 33.0

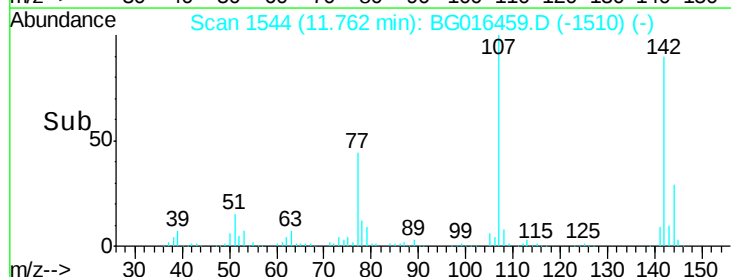
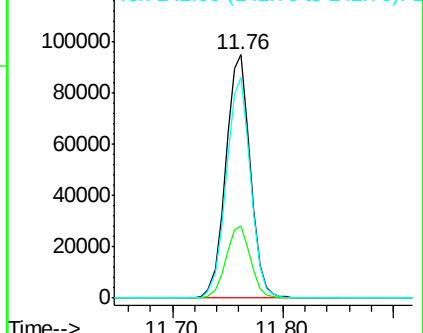
142 90.4 67.0 100.6

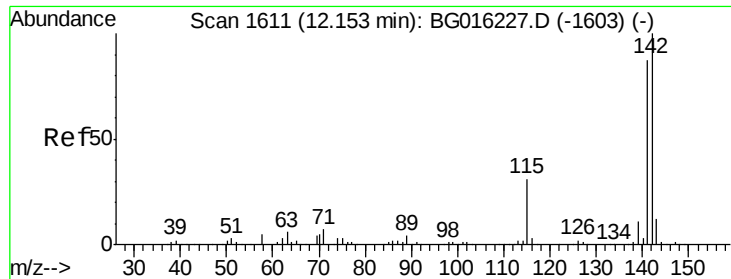


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

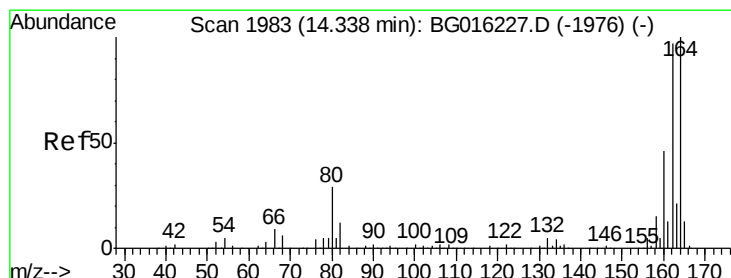
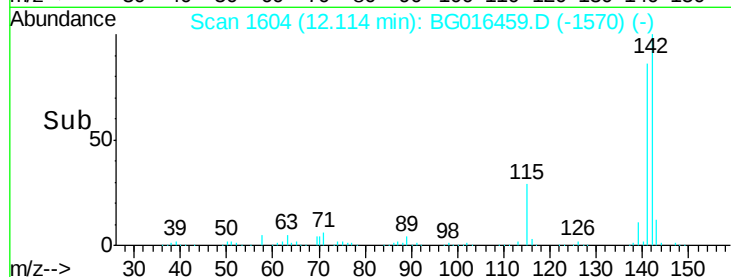
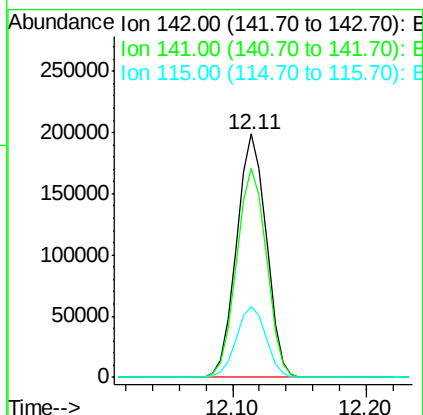
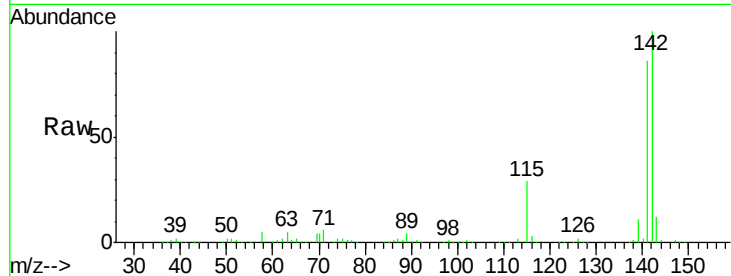




#37
2-Methylnaphthalene
Concen: 34.87 ng
RT: 12.11 min Scan# 1604
Delta R.T. 0.00 min
Lab File: BG016459.D
Acq: 16 Apr 2015 17:22

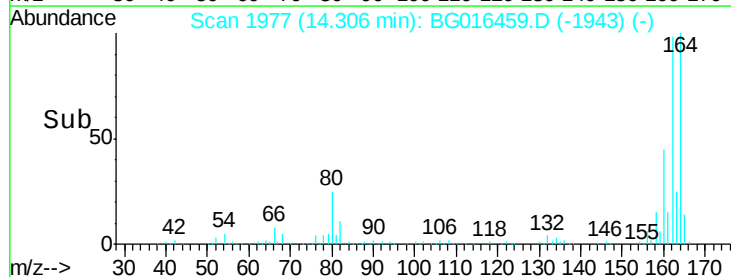
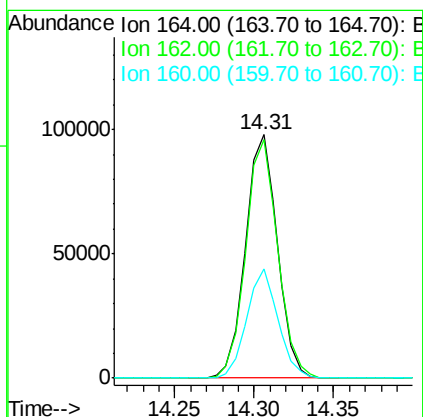
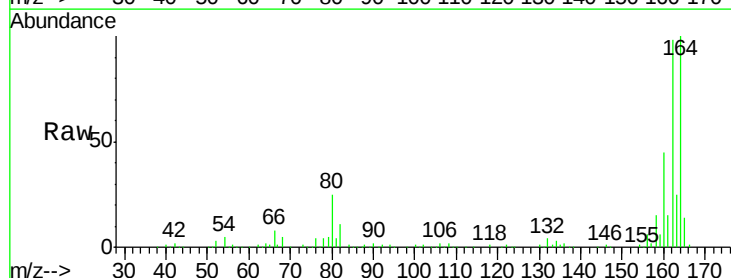
Instrument :
BNA_G
ClientSampled :
PB82771BS

Tgt Ion:142 Resp: 306803
Ion Ratio Lower Upper
142 100
141 86.0 69.3 103.9
115 29.1 25.0 37.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.31 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BG016459.D
Acq: 16 Apr 2015 17:22

Tgt Ion:164 Resp: 136475
Ion Ratio Lower Upper
164 100
162 97.8 77.3 115.9
160 44.7 36.7 55.1

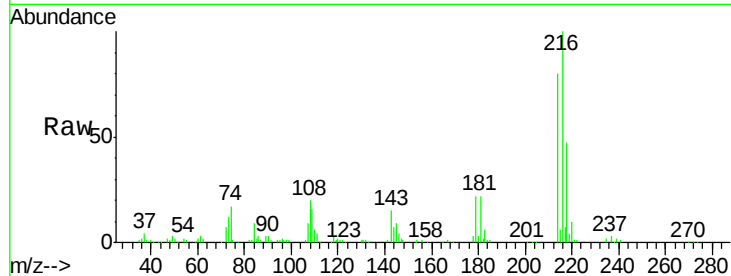




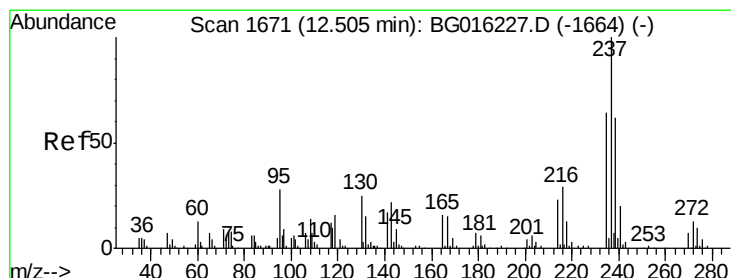
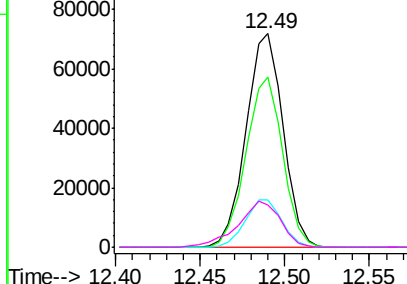
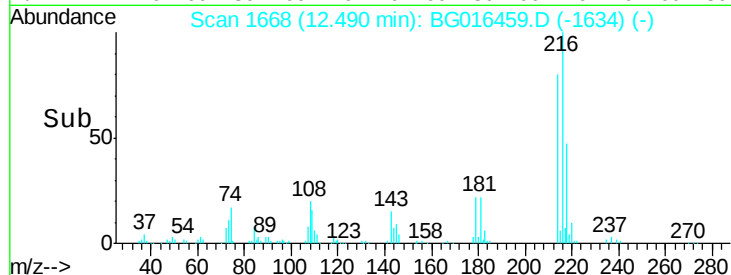
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.31 ng
 RT: 12.49 min Scan# 1668
 Delta R.T. 0.00 min
 Lab File: BG016459.D
 Acq: 16 Apr 2015 17:22

Instrument :
 BNA_G
 ClientSampleId :
 PB82771BS

Tgt Ion:	216	Resp:	109107
Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.4	95.0
179	22.3	18.2	27.2
108	24.7	21.2	31.8

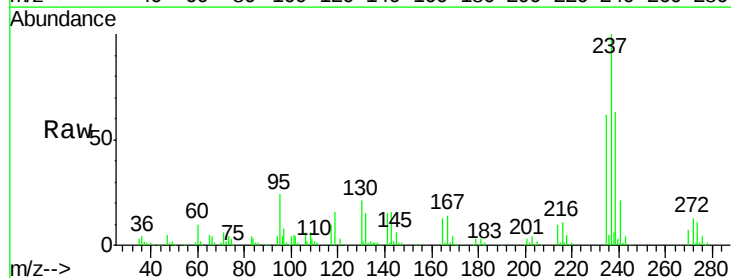


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

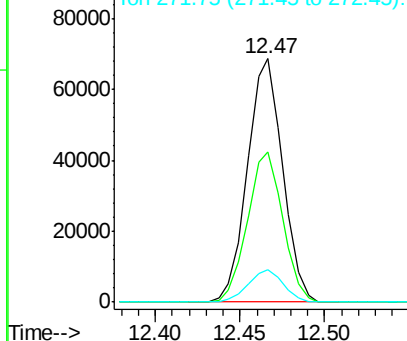
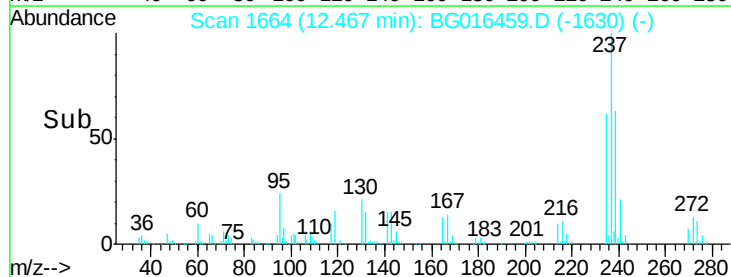


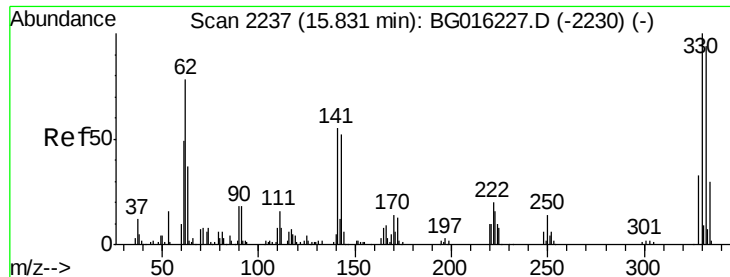
#40
 Hexachlorocyclopentadiene
 Concen: 72.18 ng
 RT: 12.47 min Scan# 1664
 Delta R.T. 0.00 min
 Lab File: BG016459.D
 Acq: 16 Apr 2015 17:22

Tgt Ion:	237	Resp:	99278
Ion	Ratio	Lower	Upper
237	100		
235	61.7	43.9	83.9
272	13.1	0.0	33.1



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

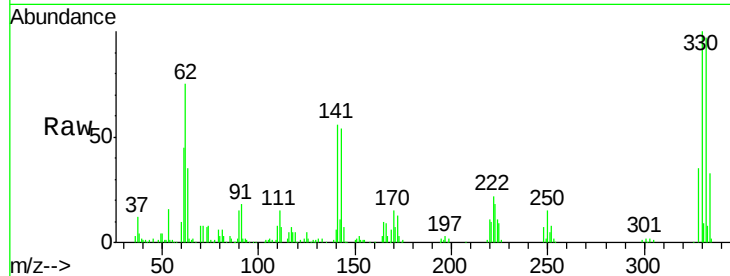




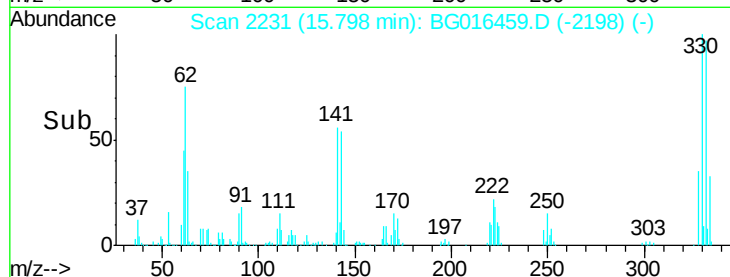
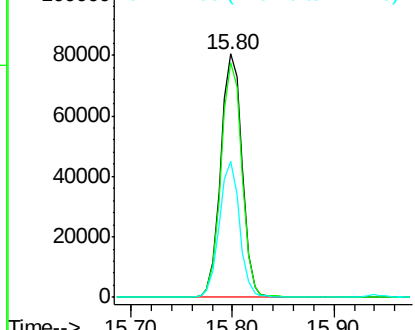
#41
 2,4,6-Tribromophenol
 Concen: 127.49 ng
 RT: 15.80 min Scan# 2231
 Delta R.T. -0.00 min
 Lab File: BG016459.D
 Acq: 16 Apr 2015 17:22

Instrument :
 BNA_G
 ClientSampled :
 PB82771BS

Tgt Ion:330 Resp: 117669
 Ion Ratio Lower Upper
 330 100
 332 94.9 75.8 113.6
 141 52.8 46.6 69.8

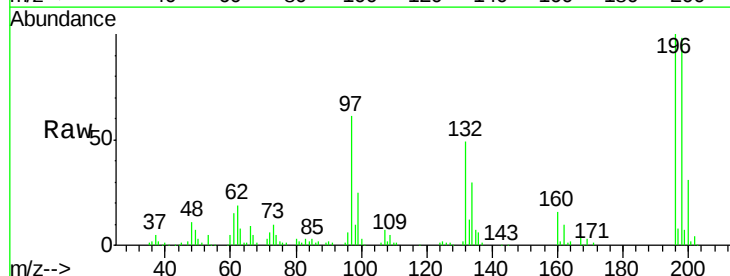


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

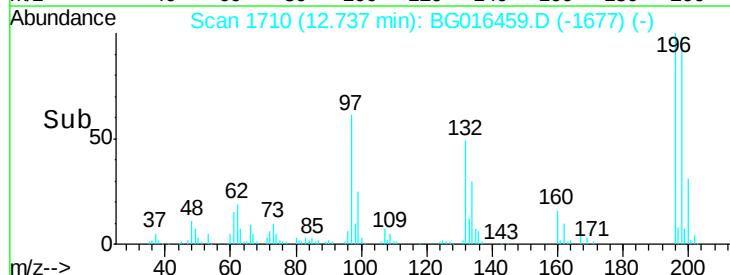
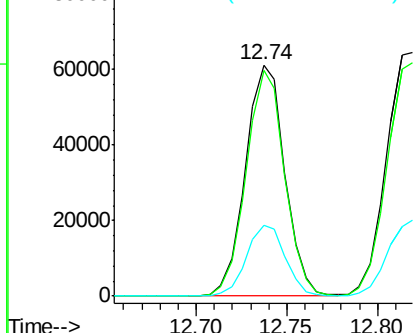


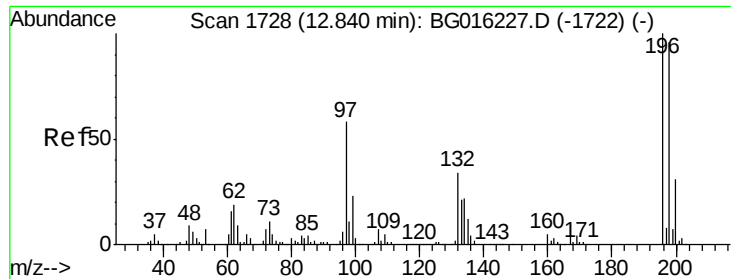
#42
 2,4,6-Trichlorophenol
 Concen: 41.38 ng
 RT: 12.74 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG016459.D
 Acq: 16 Apr 2015 17:22

Tgt Ion:196 Resp: 92404
 Ion Ratio Lower Upper
 196 100
 198 97.7 77.2 115.8
 200 30.7 25.3 37.9



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

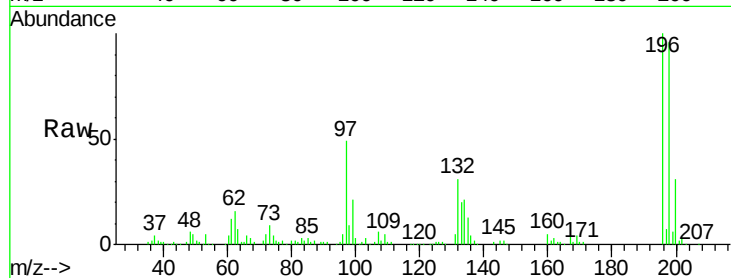




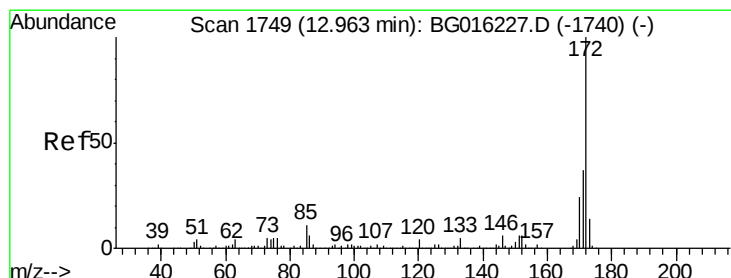
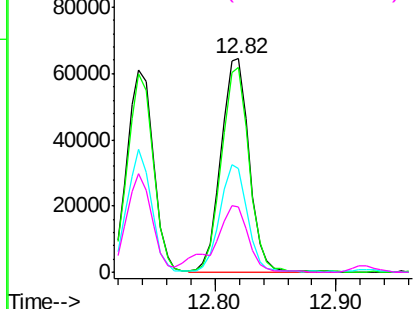
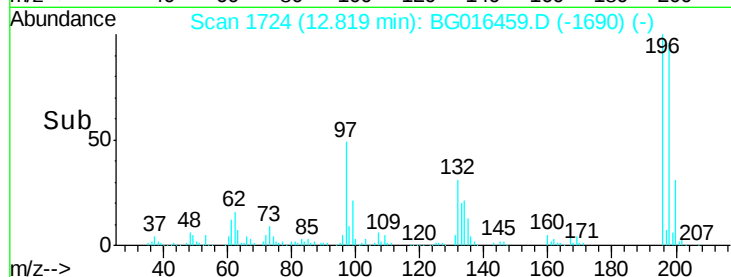
#43
 2,4,5-Trichlorophenol
 Concen: 43.74 ng
 RT: 12.82 min Scan# 1724
 Delta R.T. 0.00 min
 Lab File: BG016459.D
 Acq: 16 Apr 2015 17:22

Instrument :
 BNA_G
 ClientSampleId :
 PB82771BS

Tgt Ion	Resp	Lower	Upper
196	104353		
198	96.1	77.1	115.7
97	48.9	46.6	69.8
132	30.8	27.0	40.6

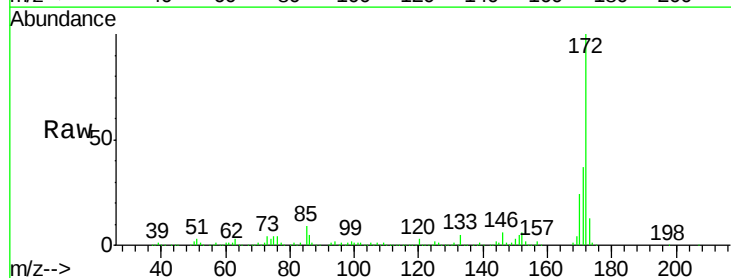


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

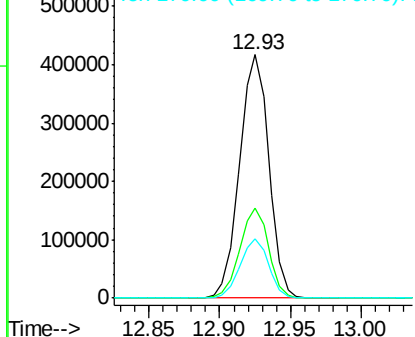
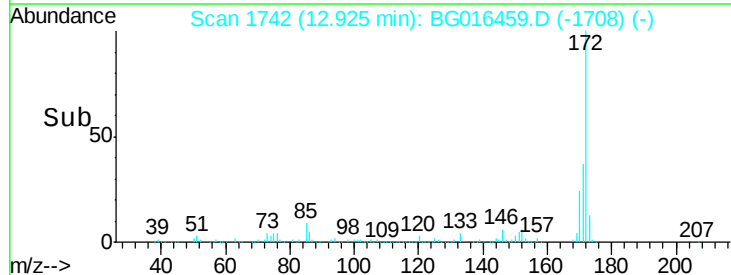


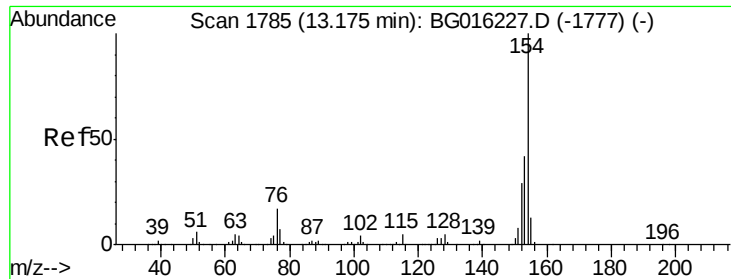
#44
 2-Fluorobiphenyl
 Concen: 75.14 ng
 RT: 12.93 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: BG016459.D
 Acq: 16 Apr 2015 17:22

Tgt Ion	Resp	Lower	Upper
172	602295		
171	36.8	29.6	44.4
170	24.2	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

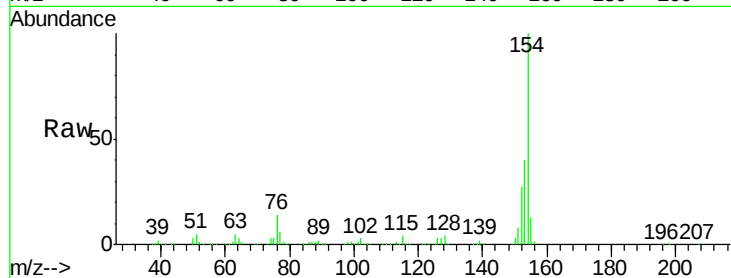




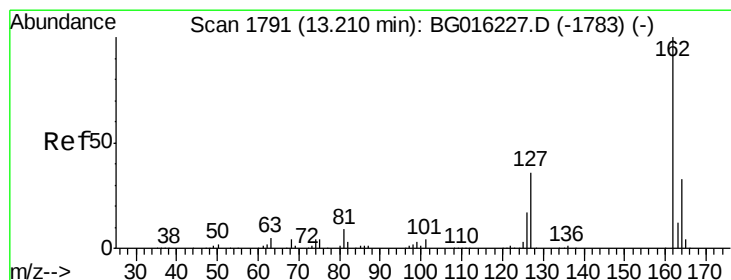
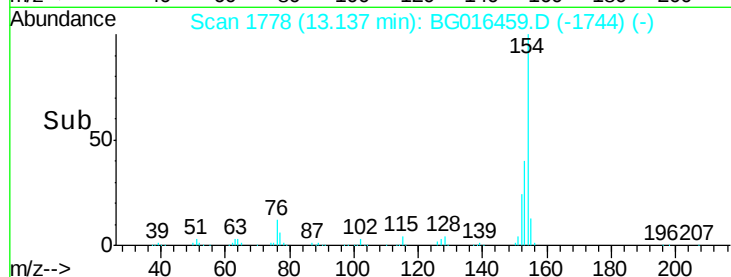
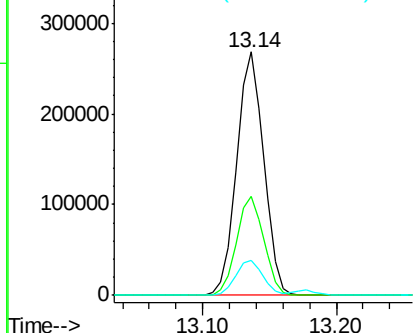
#45
 1,1'-Biphenyl
 Concen: 35.90 ng
 RT: 13.14 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BG016459.D
 Acq: 16 Apr 2015 17:22

Instrument :
 BNA_G
 ClientSampleId :
 PB82771BS

Tgt Ion:154 Resp: 375825
 Ion Ratio Lower Upper
 154 100
 153 40.4 22.4 62.4
 76 14.3 0.0 37.1

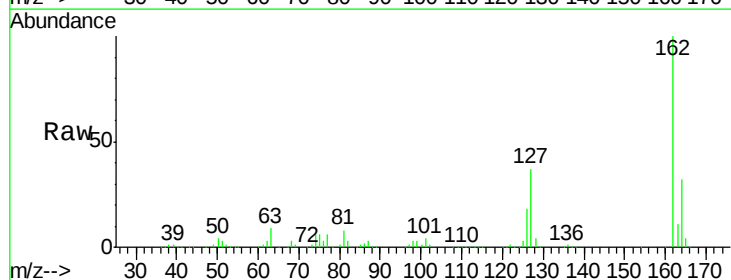


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

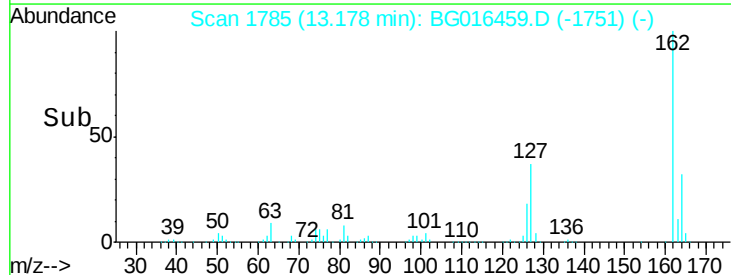
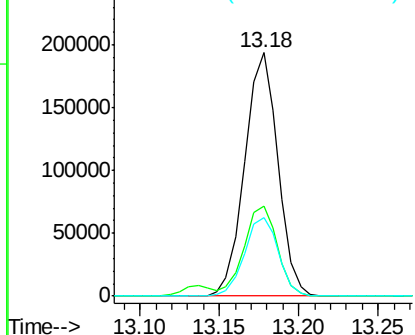


#46
 2-Chloronaphthalene
 Concen: 35.27 ng
 RT: 13.18 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: BG016459.D
 Acq: 16 Apr 2015 17:22

Tgt Ion:162 Resp: 281273
 Ion Ratio Lower Upper
 162 100
 127 36.9 30.8 46.2
 164 32.5 26.6 40.0



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

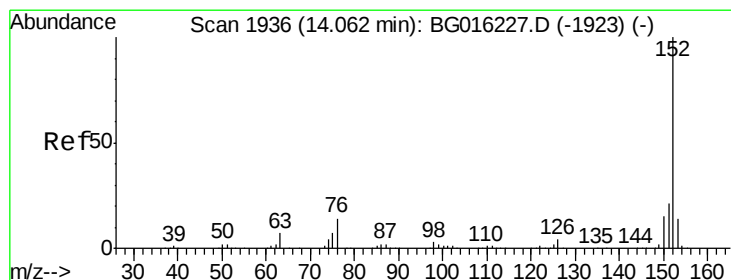
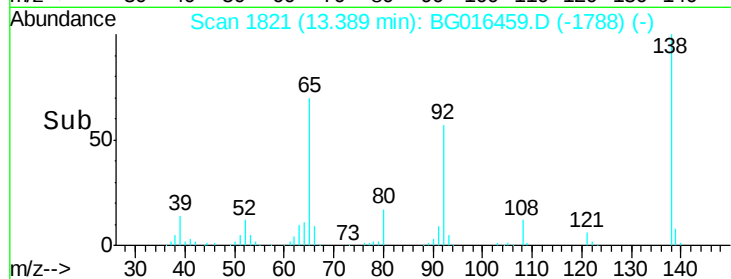
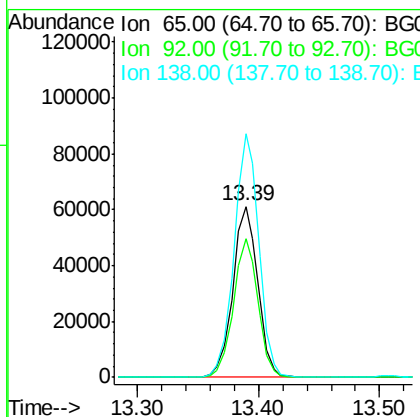
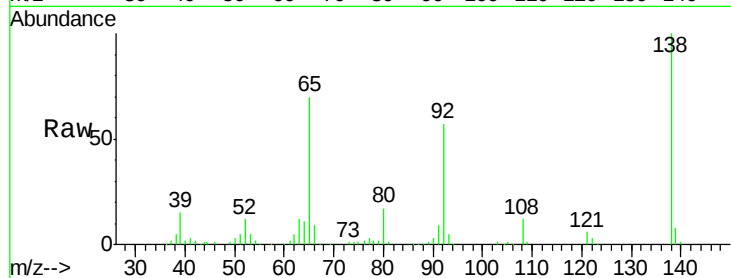




#47
 2-Nitroaniline
 Concen: 34.19 ng
 RT: 13.39 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BG016459.D
 Acq: 16 Apr 2015 17:22

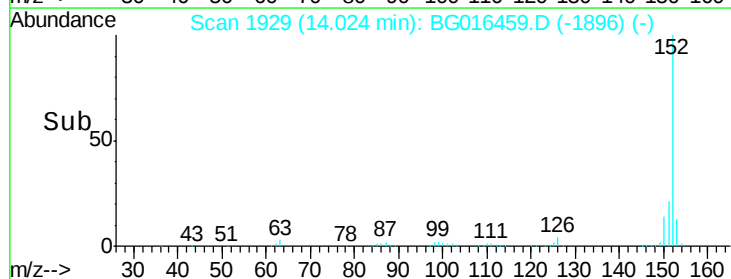
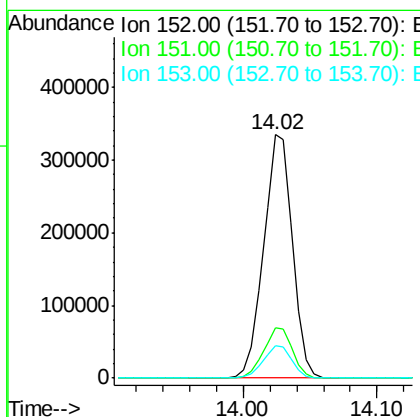
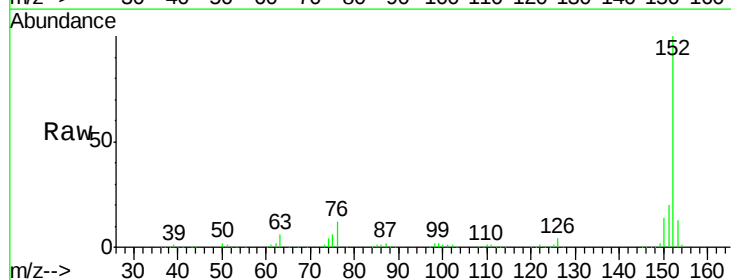
Instrument :
 BNA_G
 ClientSampleId :
 PB82771BS

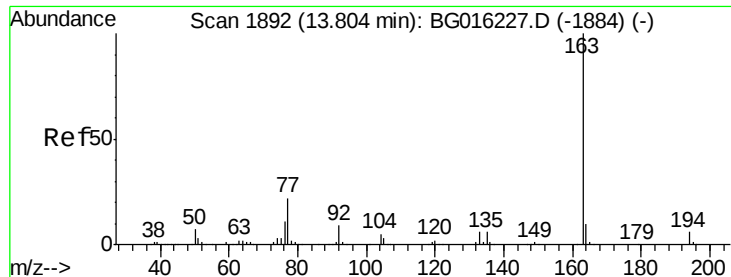
Tgt Ion: 65 Resp: 87896
 Ion Ratio Lower Upper
 65 100
 92 80.9 61.0 91.6
 138 142.5 98.7 148.1



#48
 Acenaphthylene
 Concen: 35.17 ng
 RT: 14.02 min Scan# 1929
 Delta R.T. -0.00 min
 Lab File: BG016459.D
 Acq: 16 Apr 2015 17:22

Tgt Ion: 152 Resp: 498717
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.5 24.7
 153 13.4 11.1 16.7





#49

Dimethylphthalate

Concen: 36.22 ng

RT: 13.77 min Scan# 1886

Delta R.T. 0.00 min

Lab File: BG016459.D

Acq: 16 Apr 2015 17:22

Instrument :

BNA_G

ClientSampleId :

PB82771BS

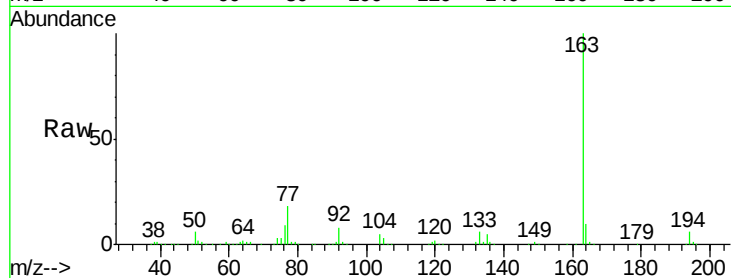
Tgt Ion:163 Resp: 362243

Ion Ratio Lower Upper

163 100

194 6.3 5.0 7.4

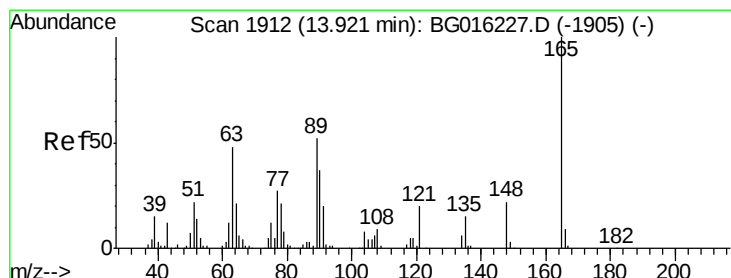
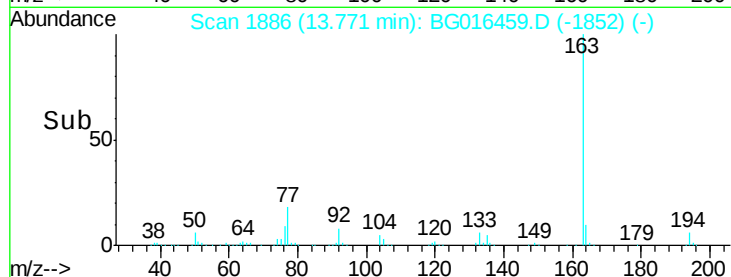
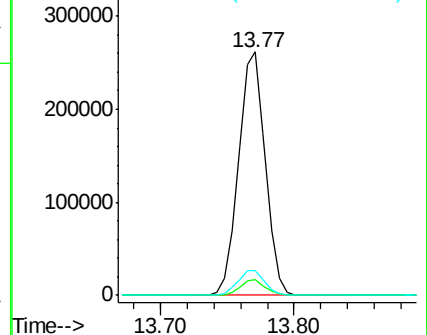
164 10.0 8.2 12.4



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: 36.97 ng

RT: 13.89 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BG016459.D

Acq: 16 Apr 2015 17:22

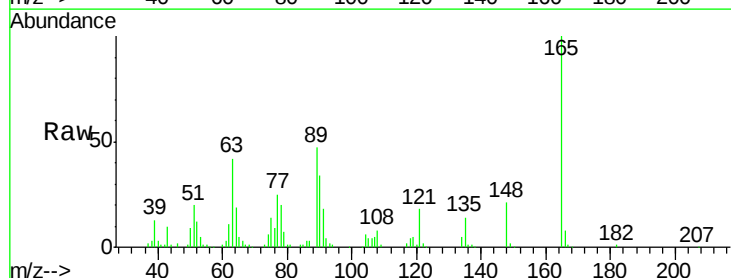
Tgt Ion:165 Resp: 89431

Ion Ratio Lower Upper

165 100

63 42.1 39.3 58.9

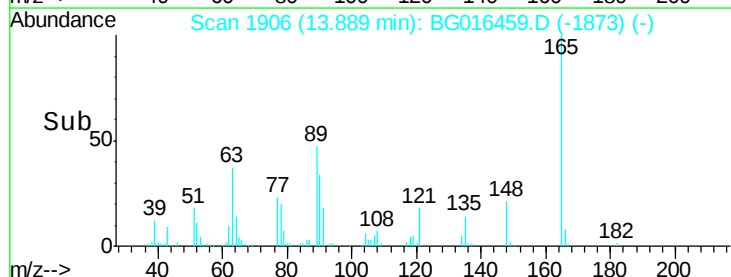
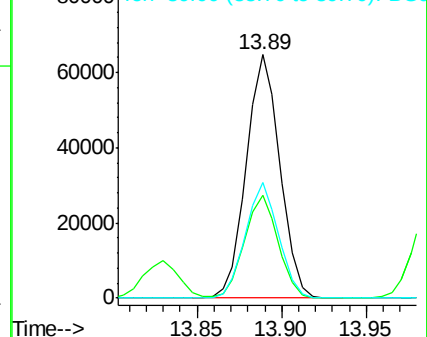
89 47.4 41.3 61.9

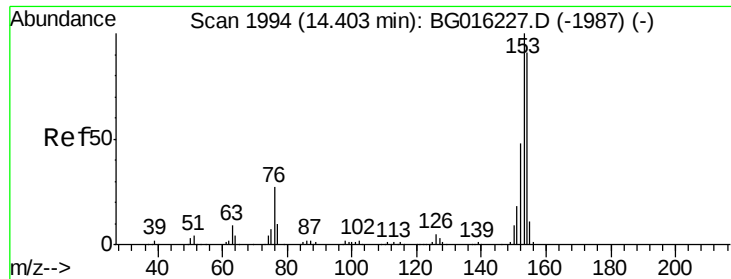


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 35.01 ng

RT: 14.37 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BG016459.D

Acq: 16 Apr 2015 17:22

Instrument :

BNA_G

ClientSampleId :

PB82771BS

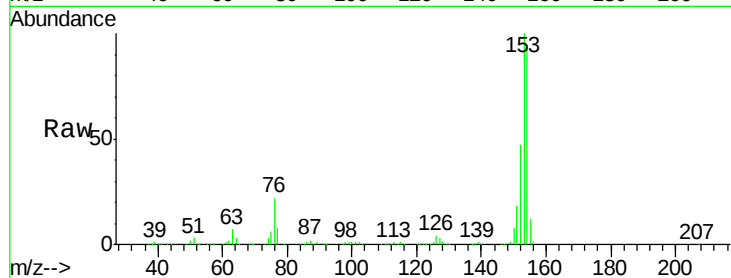
Tgt Ion:154 Resp: 296673

Ion Ratio Lower Upper

154 100

153 106.7 87.5 131.3

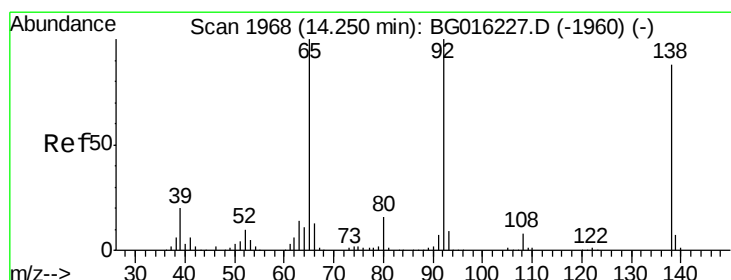
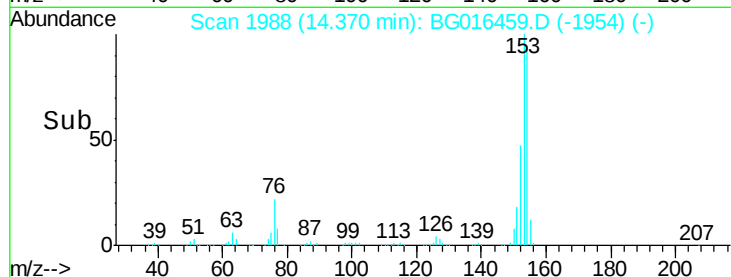
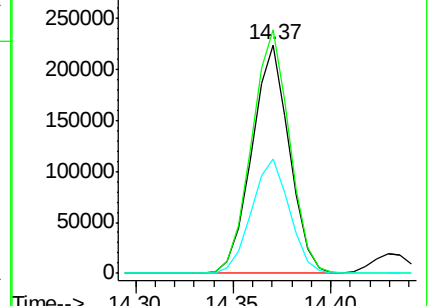
152 49.9 42.1 63.1



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: 22.80 ng

RT: 14.22 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BG016459.D

Acq: 16 Apr 2015 17:22

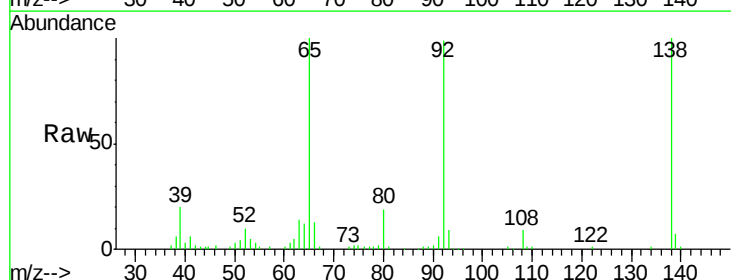
Tgt Ion:138 Resp: 70450

Ion Ratio Lower Upper

138 100

108 9.2 7.4 11.0

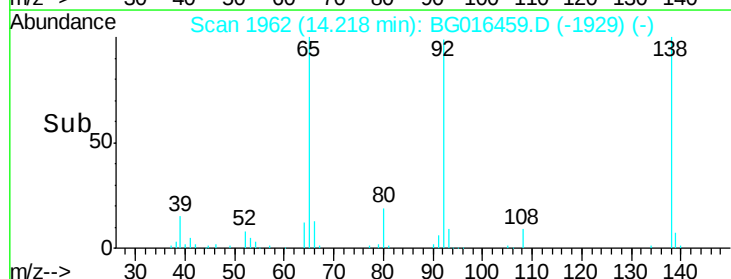
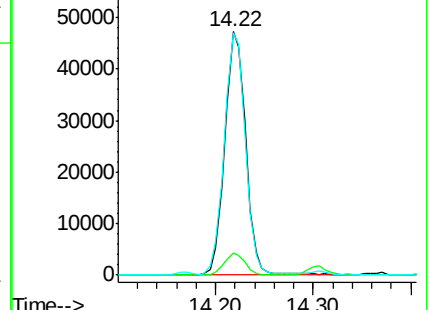
92 99.4 91.4 137.0

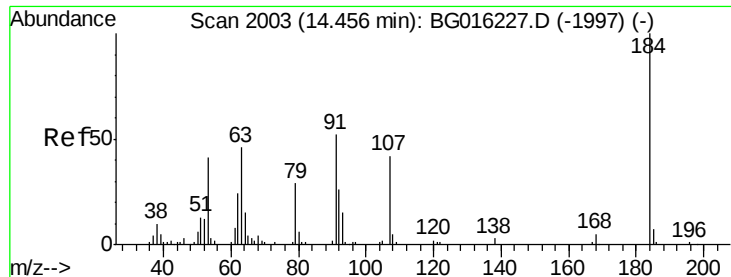


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGO

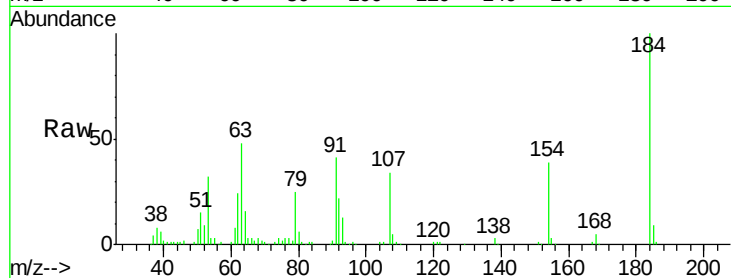




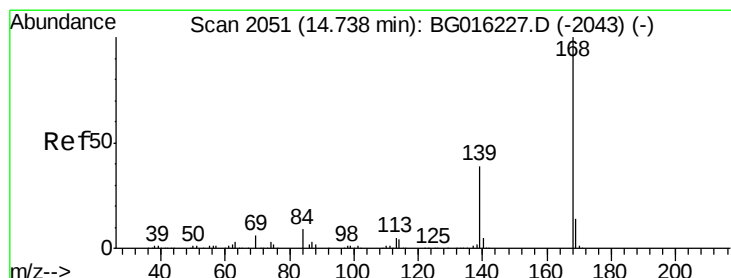
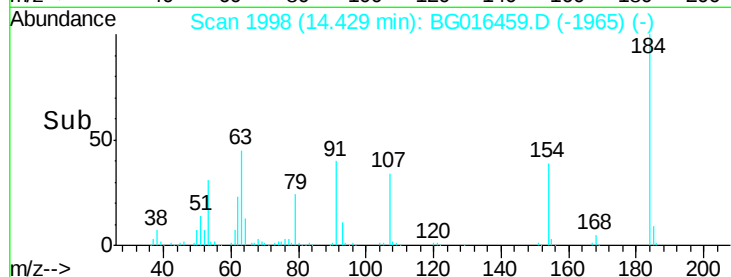
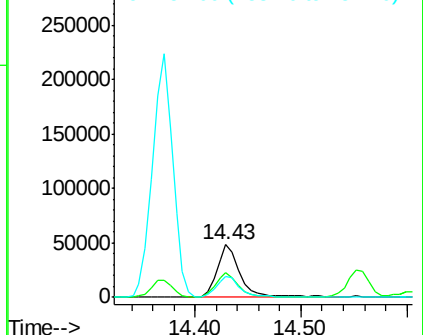
#53
 2,4-Dinitrophenol
 Concen: 56.81 ng
 RT: 14.43 min Scan# 1998
 Delta R.T. -0.00 min
 Lab File: BG016459.D
 Acq: 16 Apr 2015 17:22

Instrument :
 BNA_G
 ClientSampleId :
 PB82771BS

Tgt Ion:184 Resp: 75787
 Ion Ratio Lower Upper
 184 100
 63 48.0 45.8 68.6
 154 38.9 34.5 51.7

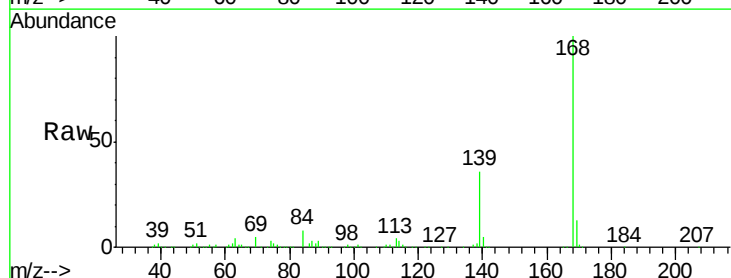


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 154.00 (153.70 to 154.70): E

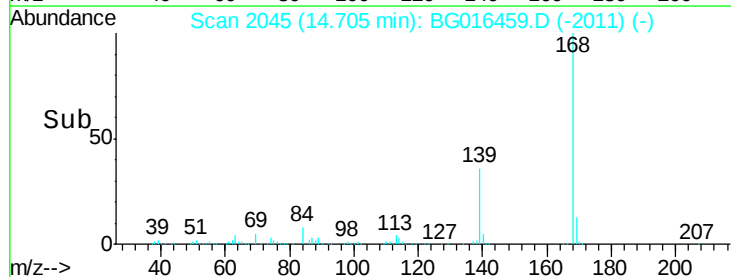
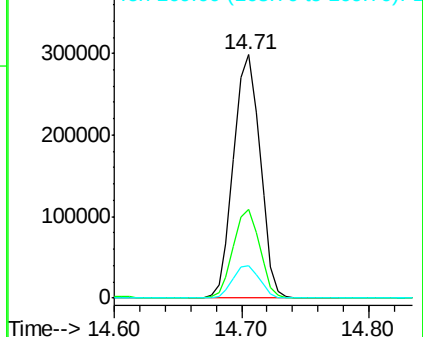


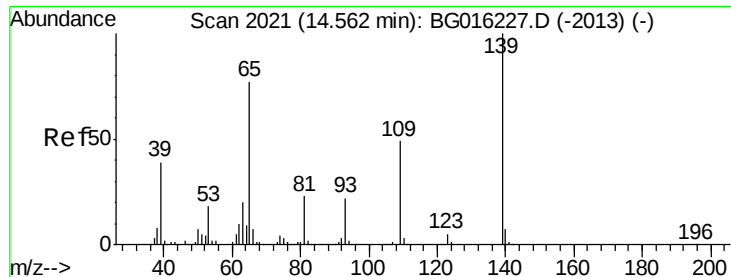
#54
 Dibenzofuran
 Concen: 36.86 ng
 RT: 14.71 min Scan# 2045
 Delta R.T. 0.00 min
 Lab File: BG016459.D
 Acq: 16 Apr 2015 17:22

Tgt Ion:168 Resp: 433495
 Ion Ratio Lower Upper
 168 100
 139 36.4 31.0 46.6
 169 13.3 11.2 16.8



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

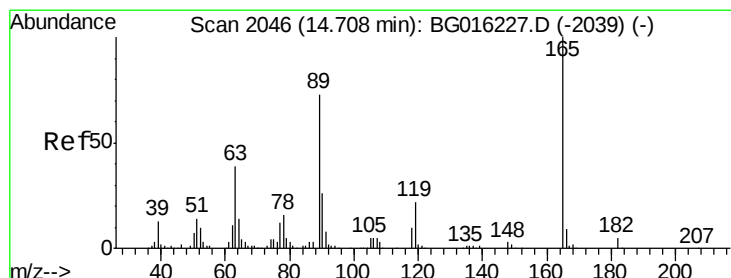
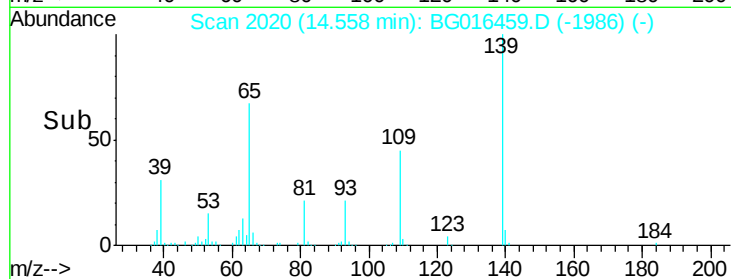
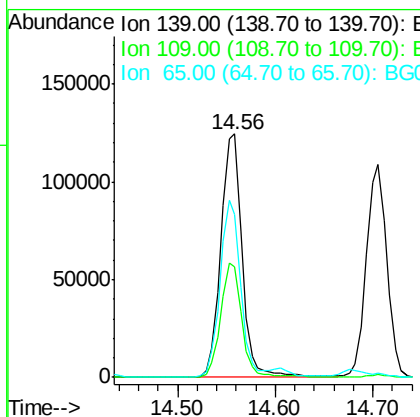
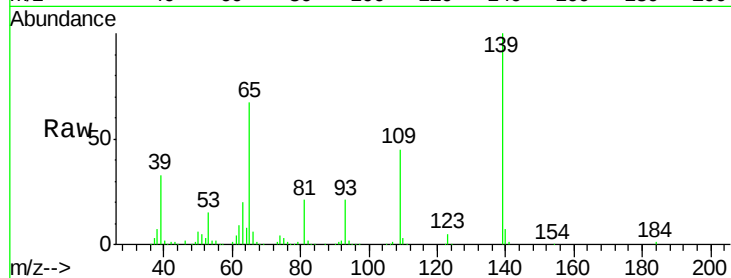




#55
4-Nitrophenol
Concen: 74.15 ng
RT: 14.56 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BG016459.D
Acq: 16 Apr 2015 17:22

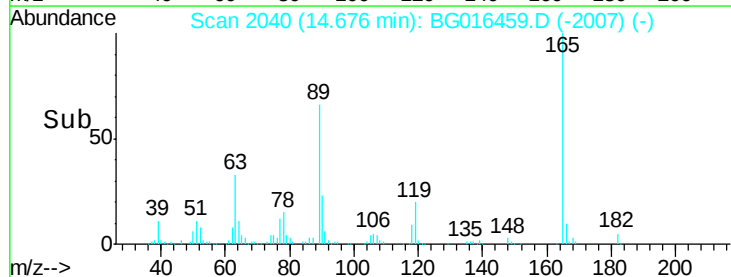
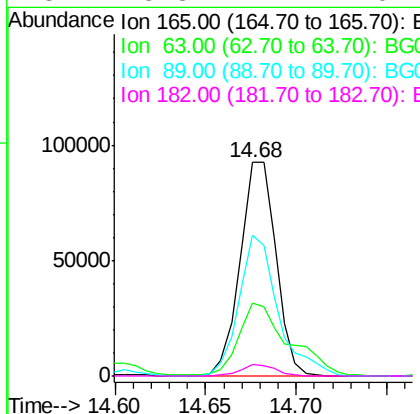
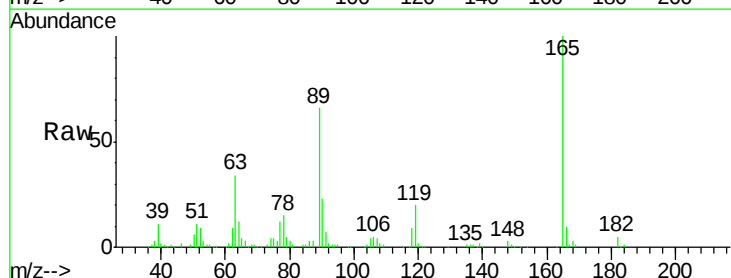
Instrument :
BNA_G
ClientSampleId :
PB82771BS

Tgt Ion:139 Resp: 189311
Ion Ratio Lower Upper
139 100
109 45.3 28.5 68.5
65 67.0 56.9 96.9



#56
2,4-Dinitrotoluene
Concen: 38.81 ng
RT: 14.68 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG016459.D
Acq: 16 Apr 2015 17:22

Tgt Ion:165 Resp: 127893
Ion Ratio Lower Upper
165 100
63 34.0 31.4 47.2
89 66.0 58.8 88.2
182 5.3 4.1 6.1





#57

Fluorene

Concen: 36.91 ng

RT: 15.35 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BG016459.D

Acq: 16 Apr 2015 17:22

Instrument :

BNA_G

ClientSampleId :

PB82771BS

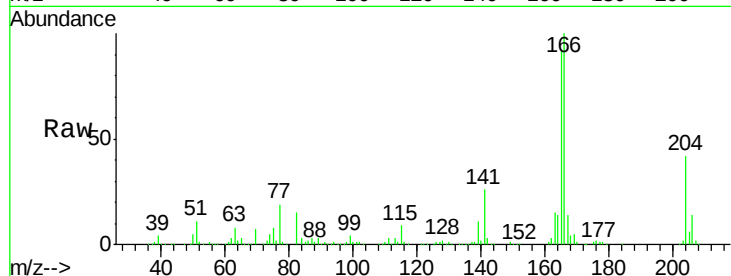
Tgt Ion:166 Resp: 382908

Ion Ratio Lower Upper

166 100

165 92.3 75.2 112.8

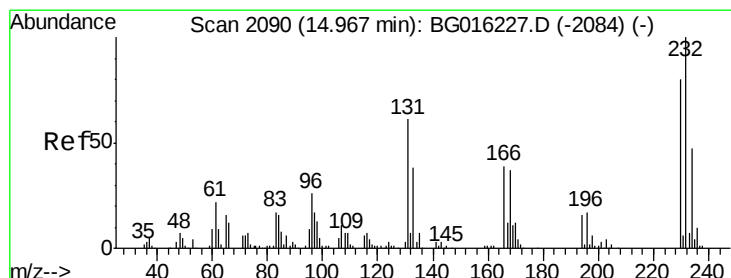
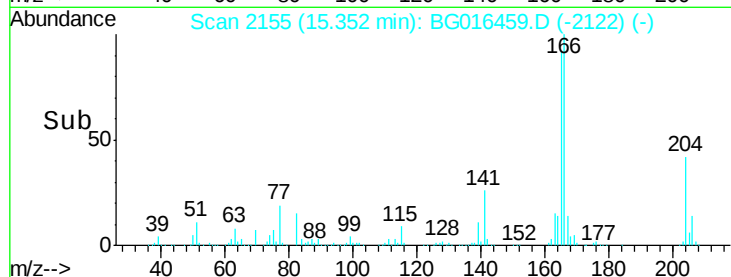
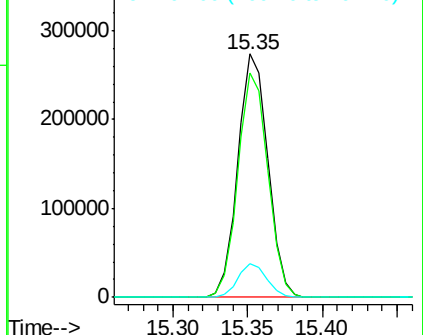
167 13.8 11.3 16.9



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: 43.66 ng

RT: 14.94 min Scan# 2085

Delta R.T. 0.00 min

Lab File: BG016459.D

Acq: 16 Apr 2015 17:22

Tgt Ion:232 Resp: 80388

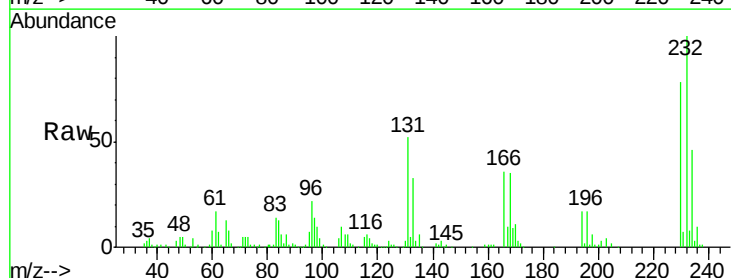
Ion Ratio Lower Upper

232 100

131 51.8 49.8 74.6

130 3.0 2.6 3.8

166 36.1 30.6 45.8

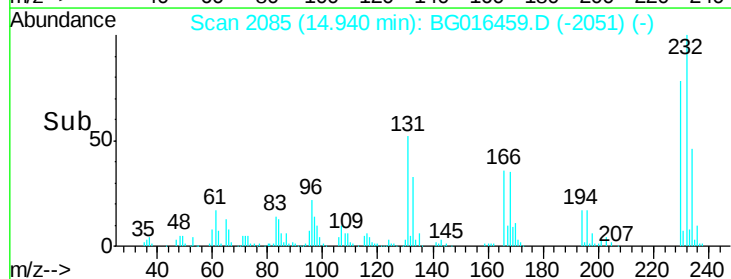
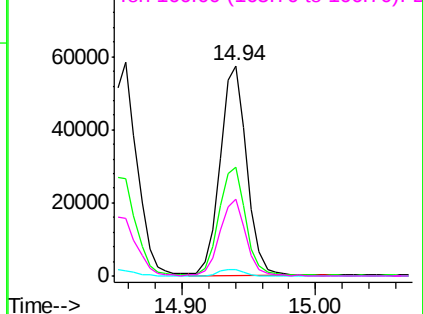


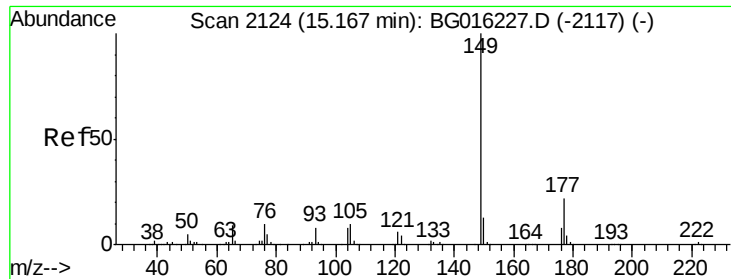
Abundance Ion 232.00 (231.70 to 232.70): E

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

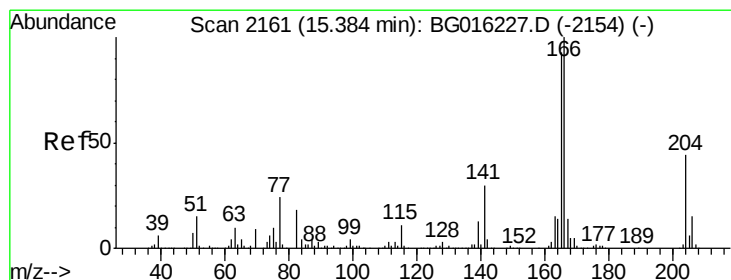
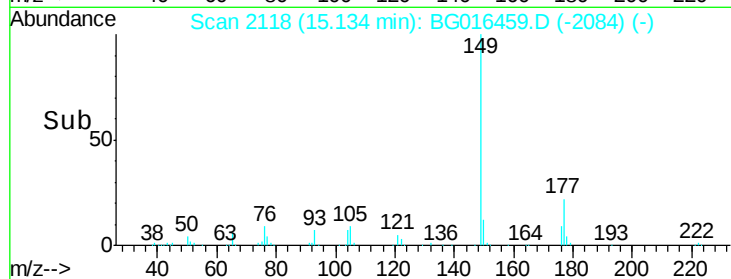
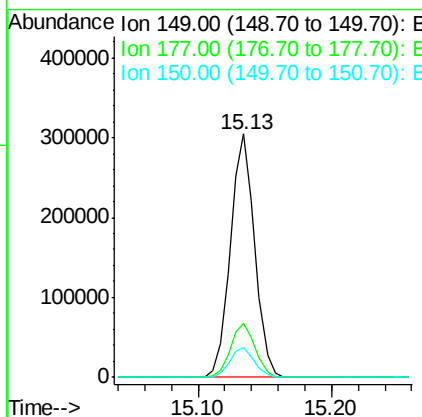
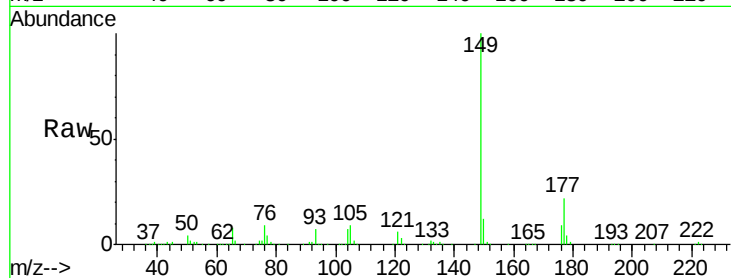




#59
Diethylphthalate
Concen: 36.15 ng
RT: 15.13 min Scan# 2118
Delta R.T. 0.00 min
Lab File: BG016459.D
Acq: 16 Apr 2015 17:22

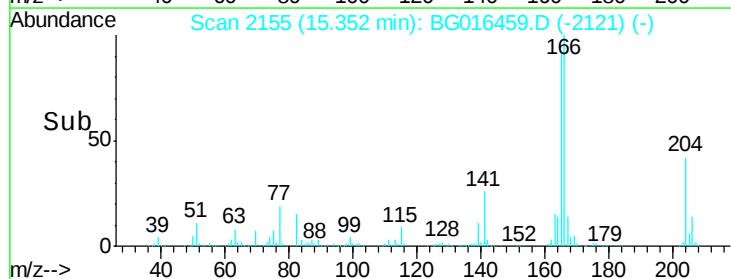
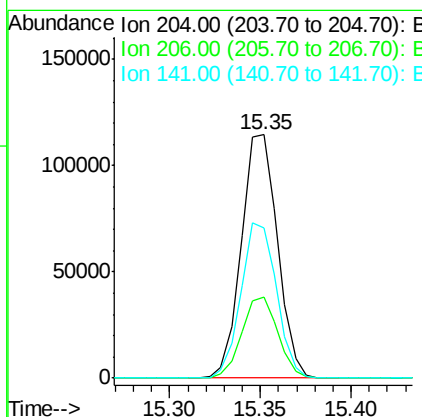
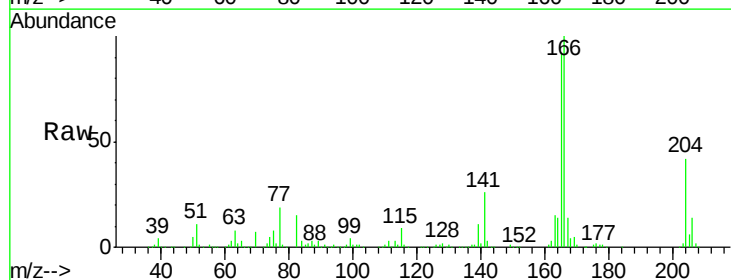
Instrument :
BNA_G
ClientSampleId :
PB82771BS

Tgt Ion:149 Resp: 384863
Ion Ratio Lower Upper
149 100
177 22.4 17.7 26.5
150 12.2 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 37.42 ng
RT: 15.35 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG016459.D
Acq: 16 Apr 2015 17:22

Tgt Ion:204 Resp: 158809
Ion Ratio Lower Upper
204 100
206 33.3 27.6 41.4
141 61.7 55.4 83.2

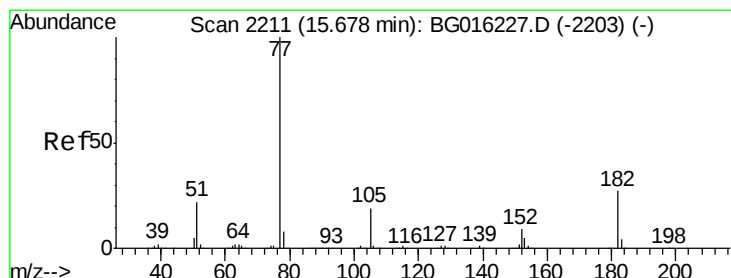
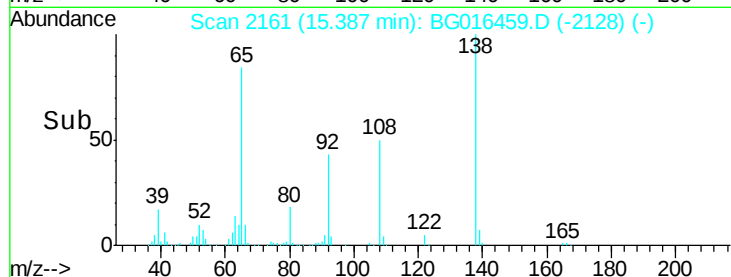
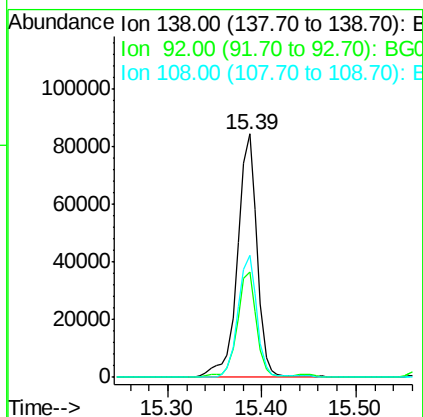
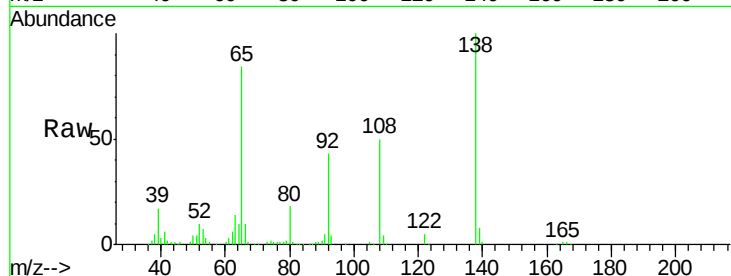




#61
4-Nitroaniline
Concen: 34.82 ng
RT: 15.39 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BG016459.D
Acq: 16 Apr 2015 17:22

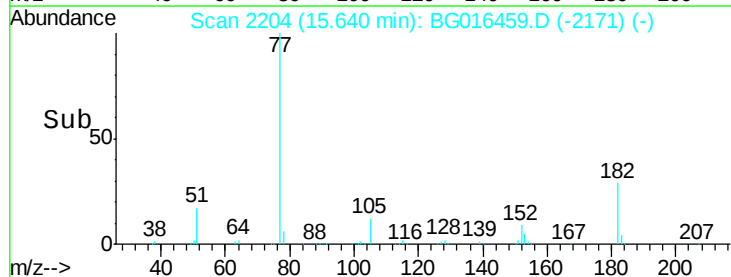
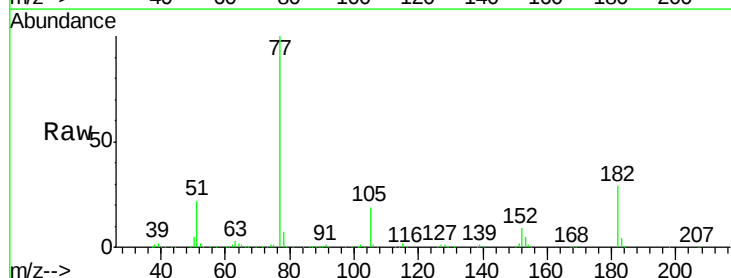
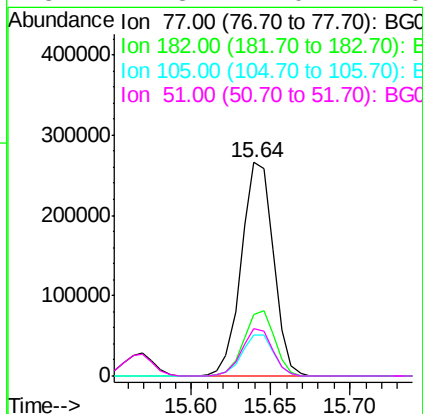
Instrument :
BNA_G
ClientSampleId :
PB82771BS

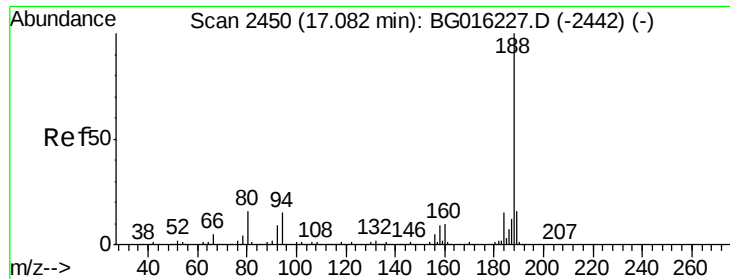
Tgt Ion:138 Resp: 122110
Ion Ratio Lower Upper
138 100
92 43.2 26.3 66.3
108 50.3 33.6 73.6



#62
Azobenzene
Concen: 32.75 ng
RT: 15.64 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BG016459.D
Acq: 16 Apr 2015 17:22

Tgt Ion: 77 Resp: 371135
Ion Ratio Lower Upper
77 100
182 28.7 6.6 46.6
105 19.0 0.0 39.2
51 22.3 2.0 42.0

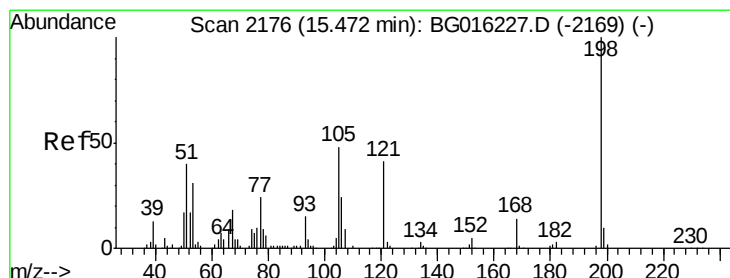
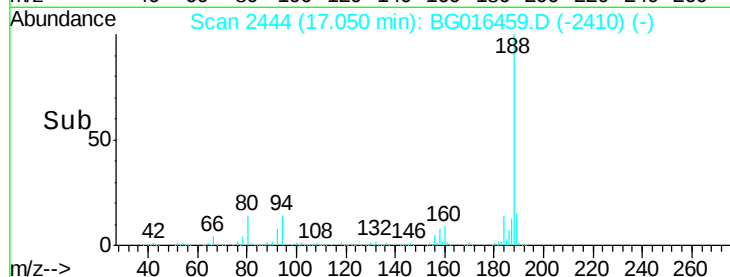
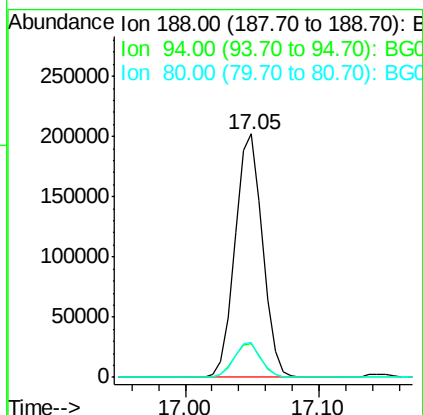
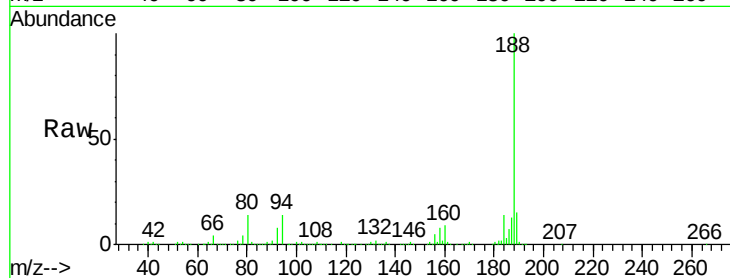




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.05 min Scan# 2444
Delta R.T. 0.00 min
Lab File: BG016459.D
Acq: 16 Apr 2015 17:22

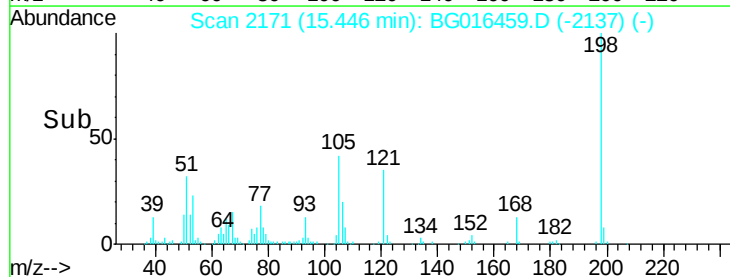
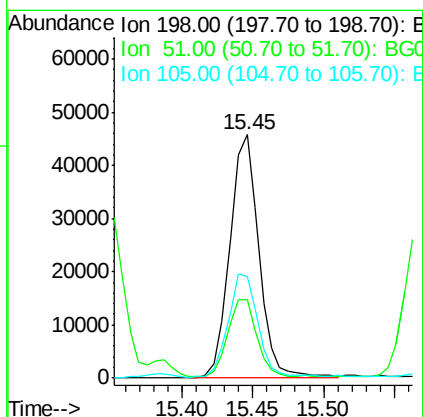
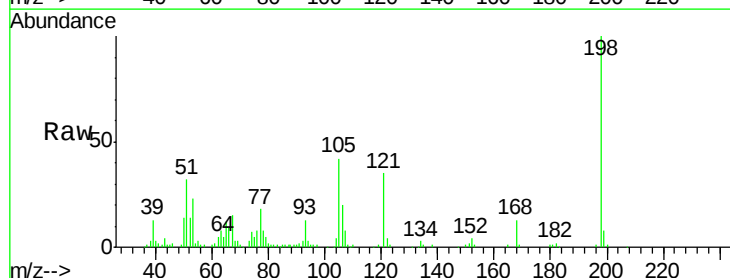
Instrument :
BNA_G
ClientSampled :
PB82771BS

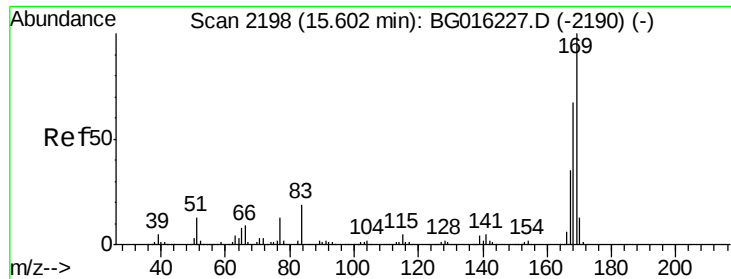
Tgt Ion:188 Resp: 287993
Ion Ratio Lower Upper
188 100
94 13.9 12.2 18.4
80 14.1 12.8 19.2



#64
4,6-Dinitro-2-methylphenol
Concen: 33.82 ng
RT: 15.45 min Scan# 2171
Delta R.T. 0.00 min
Lab File: BG016459.D
Acq: 16 Apr 2015 17:22

Tgt Ion:198 Resp: 66011
Ion Ratio Lower Upper
198 100
51 32.1 20.7 60.7
105 41.7 28.8 68.8

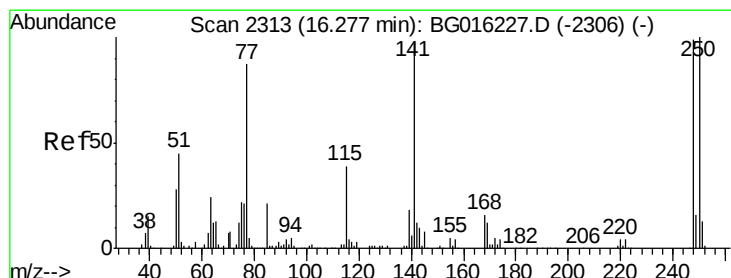
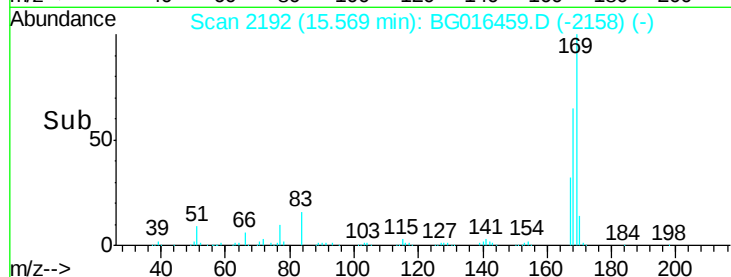
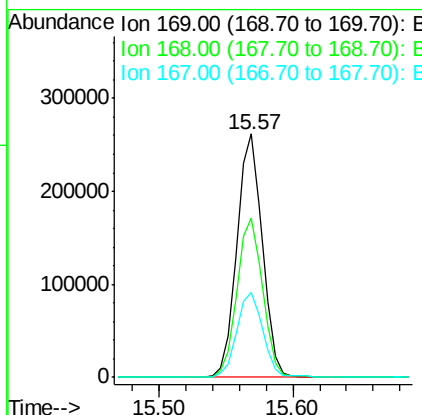
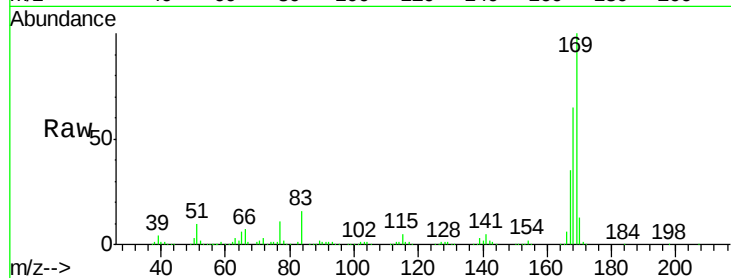




#65
n-Nitrosodiphenylamine
Concen: 35.43 ng
RT: 15.57 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BG016459.D
Acq: 16 Apr 2015 17:22

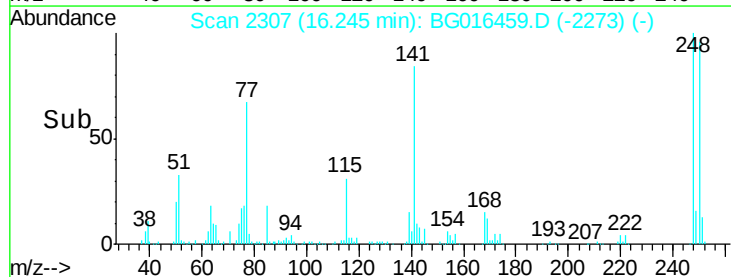
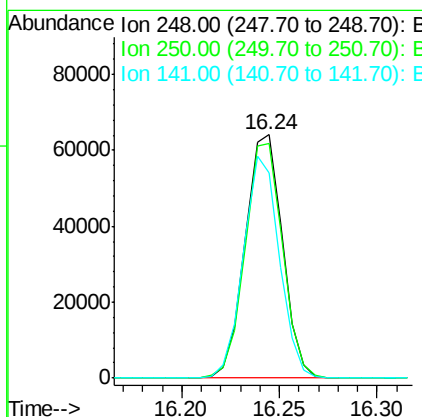
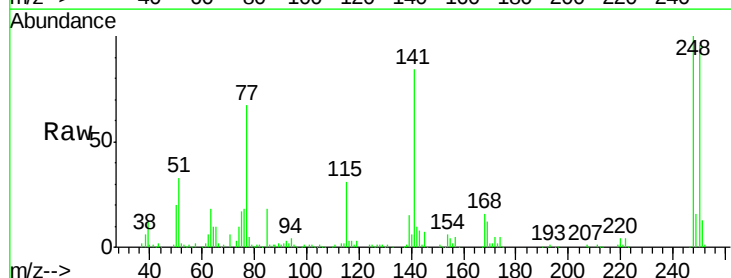
Instrument :
BNA_G
ClientSampleId :
PB82771BS

Tgt Ion:169 Resp: 344961
Ion Ratio Lower Upper
169 100
168 65.3 53.4 80.0
167 34.8 28.3 42.5



#66
4-Bromophenyl-phenylether
Concen: 37.00 ng
RT: 16.24 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BG016459.D
Acq: 16 Apr 2015 17:22

Tgt Ion:248 Resp: 85088
Ion Ratio Lower Upper
248 100
250 96.2 80.5 120.7
141 84.2 78.2 117.4





#67

Hexachlorobenzene

Concen: 36.49 ng

RT: 16.36 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BG016459.D

Acq: 16 Apr 2015 17:22

Instrument :

BNA_G

ClientSampleId :

PB82771BS

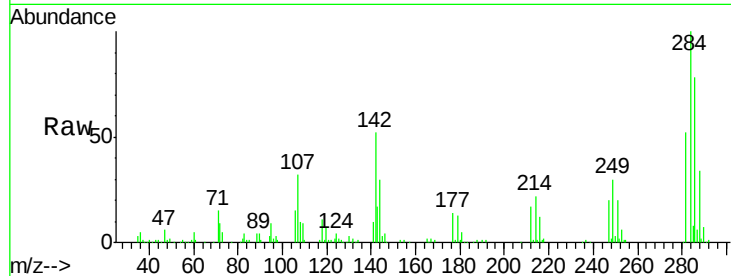
Tgt Ion:284 Resp: 87211

Ion Ratio Lower Upper

284 100

142 51.8 44.2 66.2

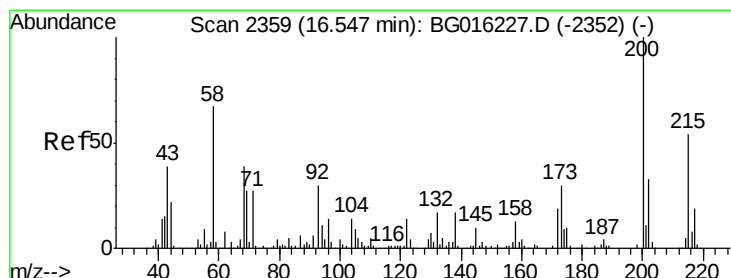
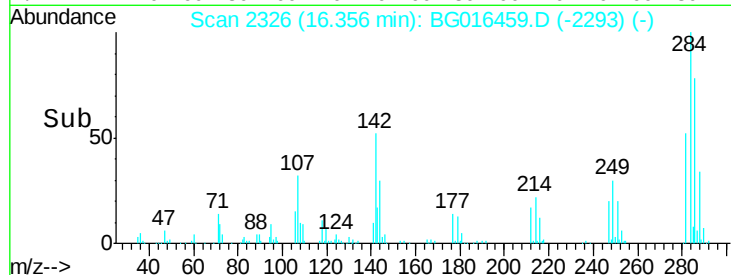
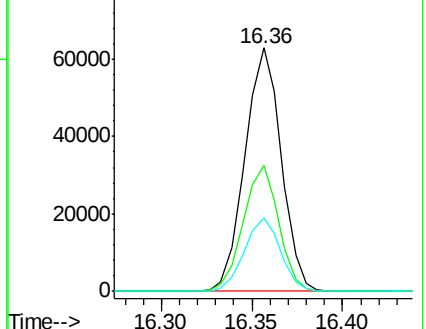
249 30.3 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.40 ng

RT: 16.52 min Scan# 2354

Delta R.T. -0.00 min

Lab File: BG016459.D

Acq: 16 Apr 2015 17:22

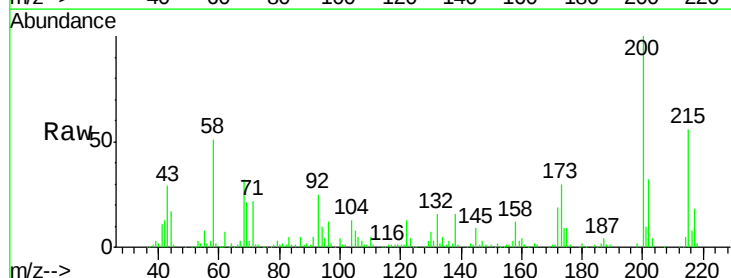
Tgt Ion:200 Resp: 109630

Ion Ratio Lower Upper

200 100

173 30.2 10.2 50.2

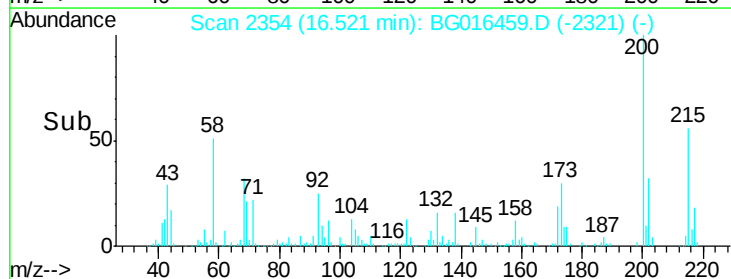
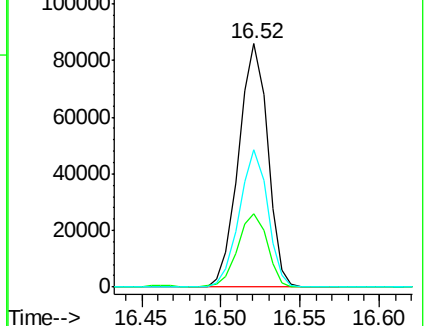
215 56.3 34.4 74.4

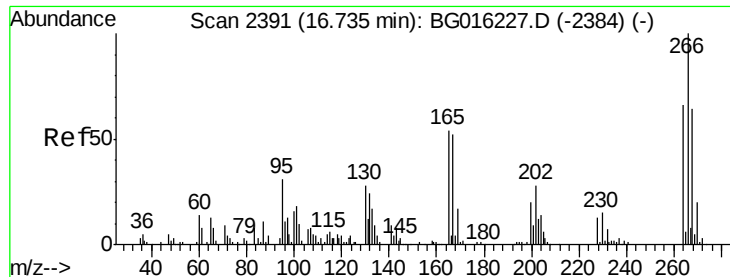


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 71.85 ng

RT: 16.70 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BG016459.D

Acq: 16 Apr 2015 17:22

Instrument :

BNA_G

ClientSampleId :

PB82771BS

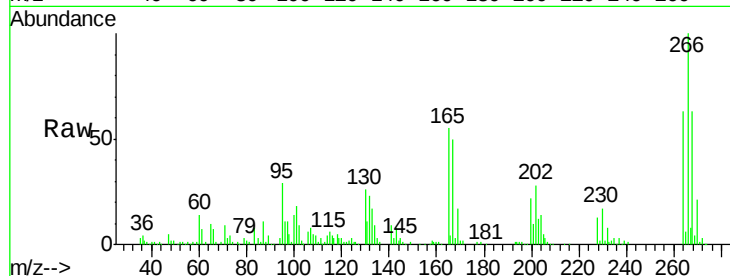
Tgt Ion:266 Resp: 104849

Ion Ratio Lower Upper

266 100

268 62.7 50.9 76.3

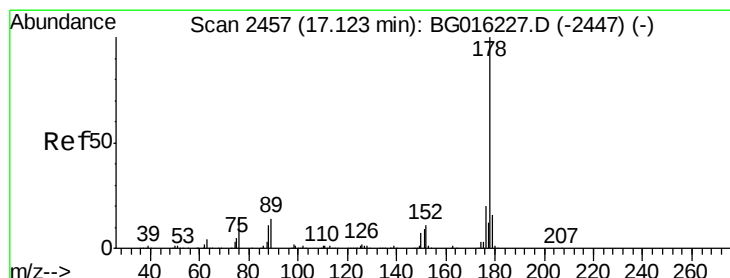
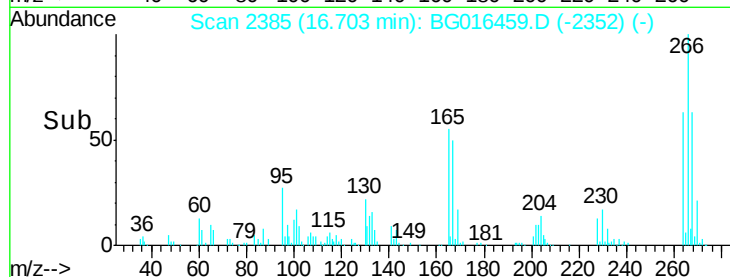
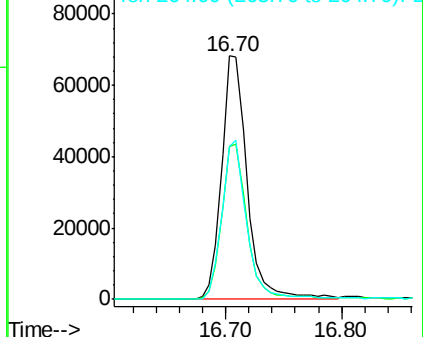
264 62.9 52.8 79.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 35.57 ng

RT: 17.09 min Scan# 2451

Delta R.T. -0.00 min

Lab File: BG016459.D

Acq: 16 Apr 2015 17:22

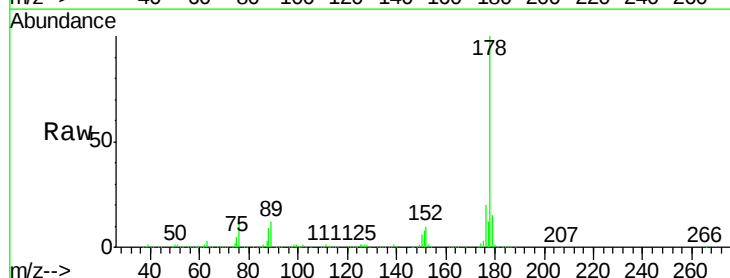
Tgt Ion:178 Resp: 576106

Ion Ratio Lower Upper

178 100

176 19.8 16.2 24.4

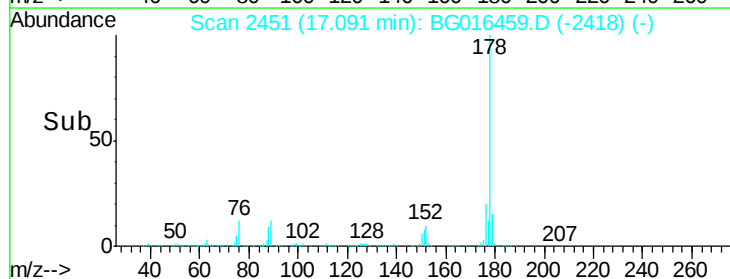
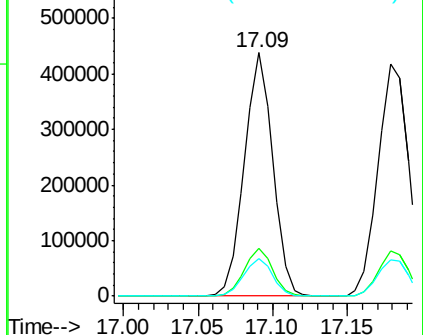
179 15.5 12.7 19.1

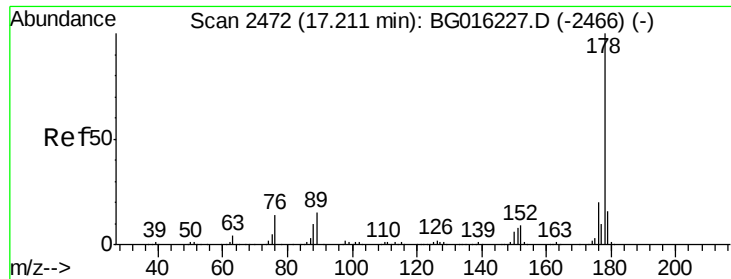


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

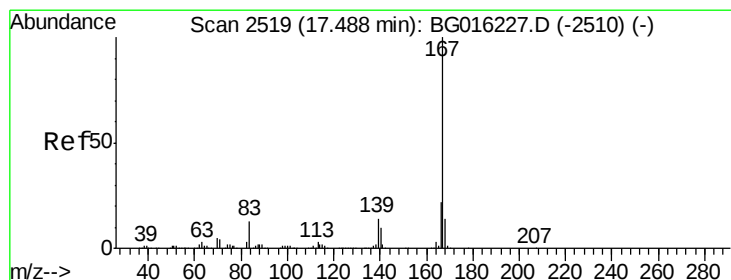
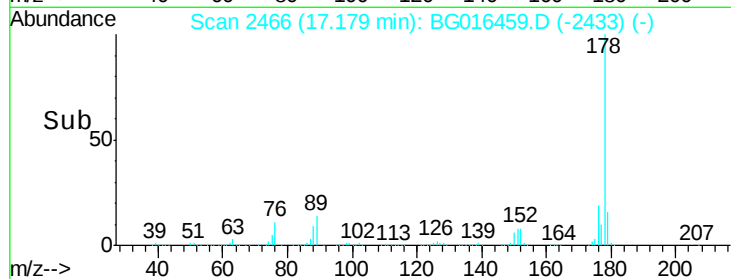
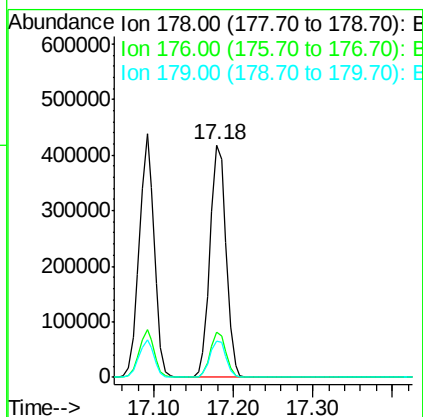
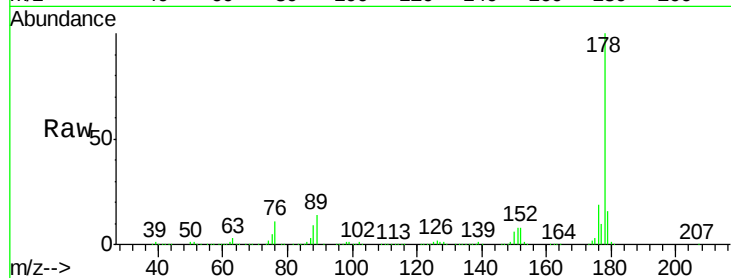




#71
 Anthracene
 Concen: 36.83 ng
 RT: 17.18 min Scan# 2466
 Delta R.T. -0.00 min
 Lab File: BG016459.D
 Acq: 16 Apr 2015 17:22

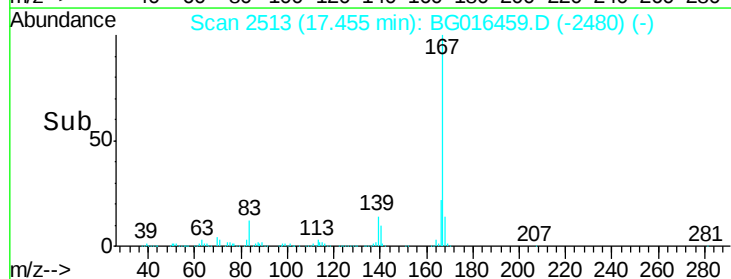
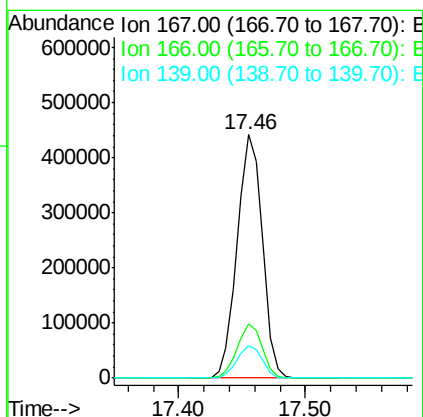
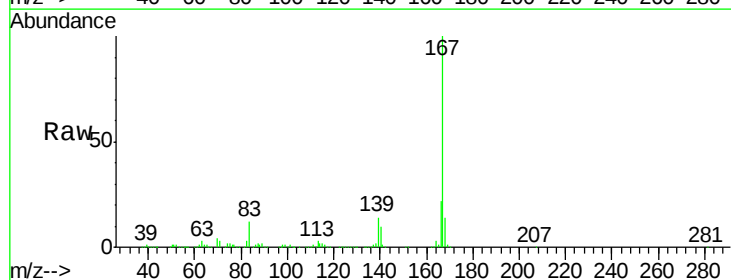
Instrument :
 BNA_G
 ClientSampleId :
 PB82771BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.9	23.9
179	15.8	13.0	19.6



#72
 Carbazole
 Concen: 37.64 ng
 RT: 17.46 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG016459.D
 Acq: 16 Apr 2015 17:22

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.9	26.9
139	13.6	11.5	17.3

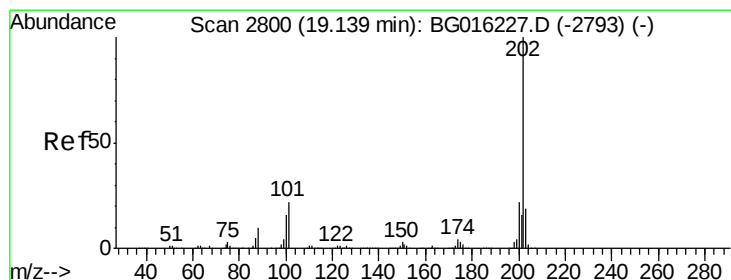
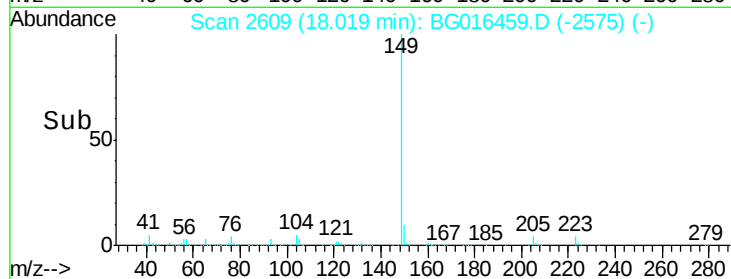
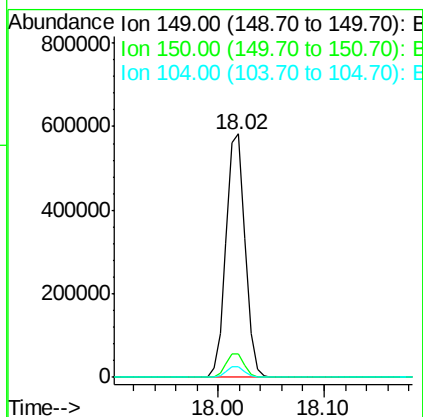
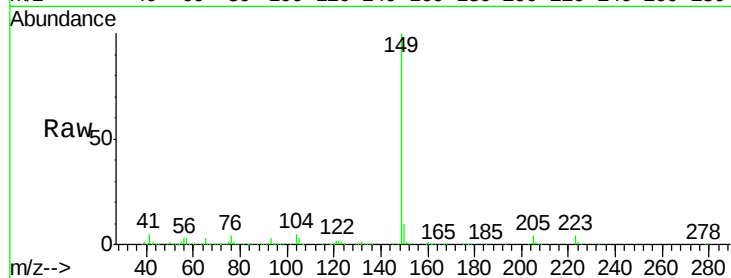




#73
Di-n-butylphthalate
Concen: 36.92 ng
RT: 18.02 min Scan# 2609
Delta R.T. 0.00 min
Lab File: BG016459.D
Acq: 16 Apr 2015 17:22

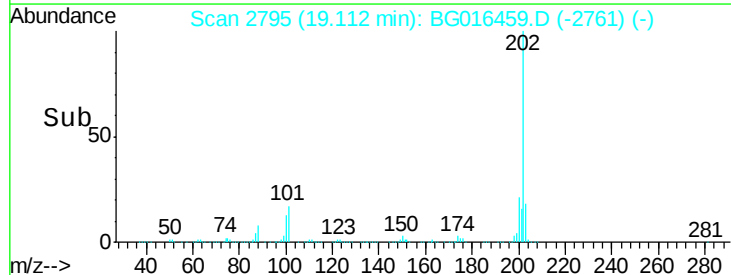
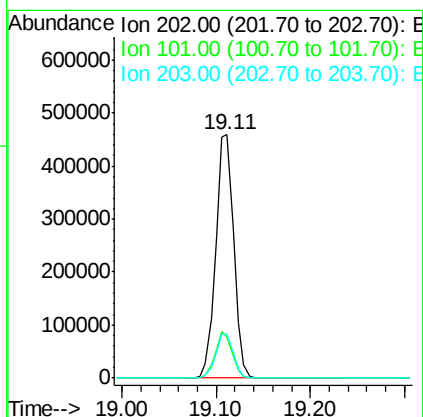
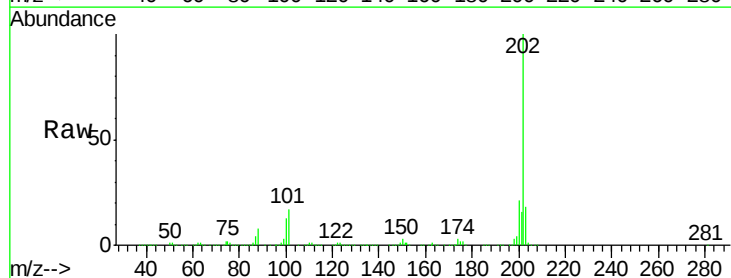
Instrument :
BNA_G
ClientSampleId :
PB82771BS

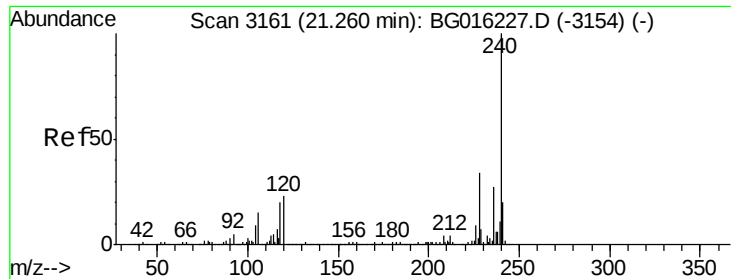
Tgt Ion:149 Resp: 727913
Ion Ratio Lower Upper
149 100
150 9.7 8.2 12.4
104 4.6 4.0 6.0



#74
Fluoranthene
Concen: 36.87 ng
RT: 19.11 min Scan# 2795
Delta R.T. 0.00 min
Lab File: BG016459.D
Acq: 16 Apr 2015 17:22

Tgt Ion:202 Resp: 615505
Ion Ratio Lower Upper
202 100
101 16.9 1.7 41.7
203 18.2 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.23 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BG016459.D

Acq: 16 Apr 2015 17:22

Instrument :

BNA_G

ClientSampleId :

PB82771BS

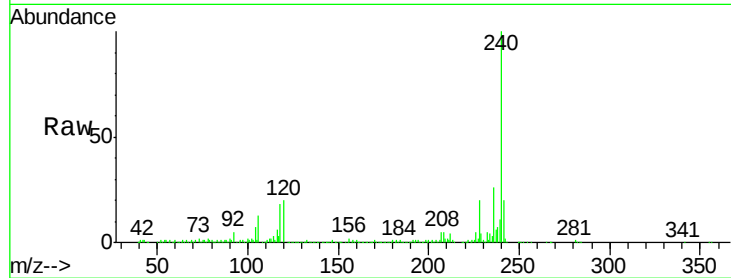
Tgt Ion:240 Resp: 250071

Ion Ratio Lower Upper

240 100

120 19.9 18.6 28.0

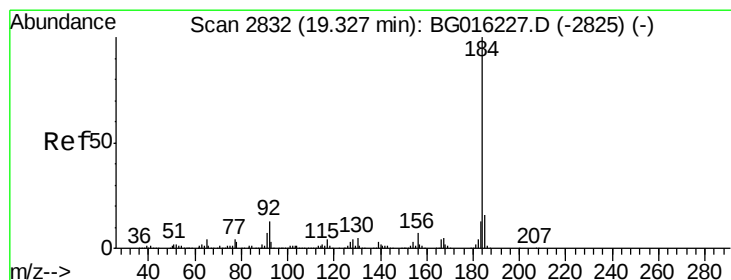
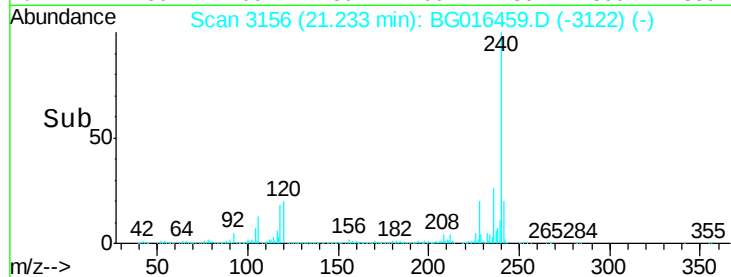
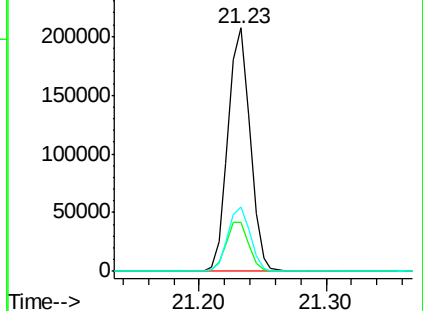
236 26.5 21.7 32.5



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: 27.94 ng

RT: 19.30 min Scan# 2827

Delta R.T. 0.00 min

Lab File: BG016459.D

Acq: 16 Apr 2015 17:22

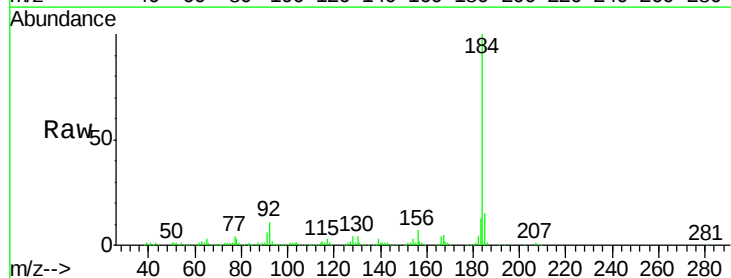
Tgt Ion:184 Resp: 296337

Ion Ratio Lower Upper

184 100

185 15.0 12.6 19.0

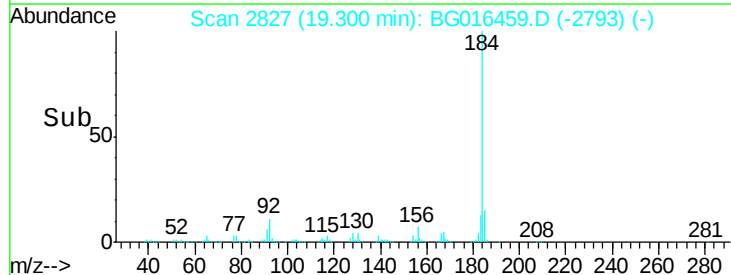
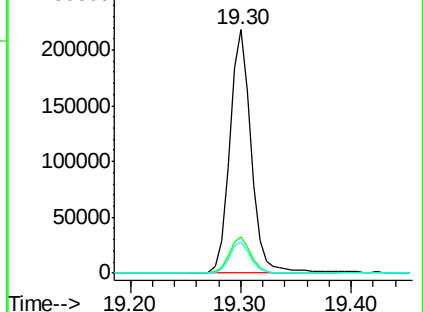
183 12.8 10.4 15.6

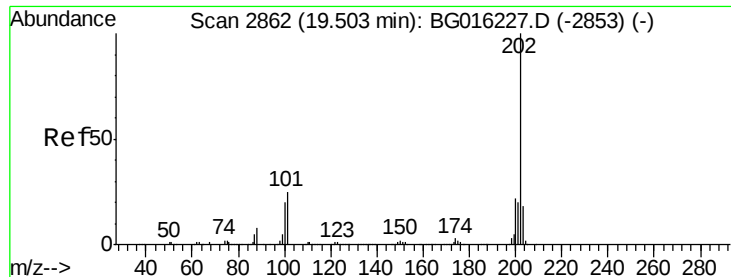


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 36.27 ng

RT: 19.47 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG016459.D

Acq: 16 Apr 2015 17:22

Instrument :

BNA_G

ClientSampleId :

PB82771BS

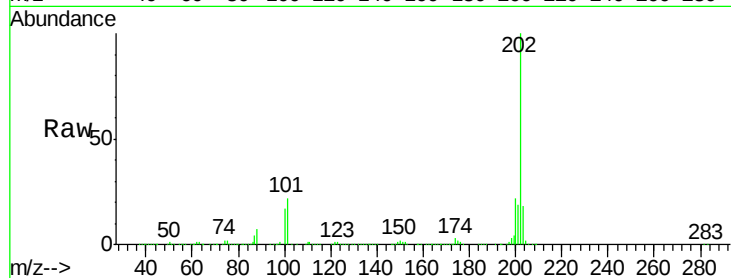
Tgt Ion:202 Resp: 631652

Ion Ratio Lower Upper

202 100

200 22.1 17.8 26.8

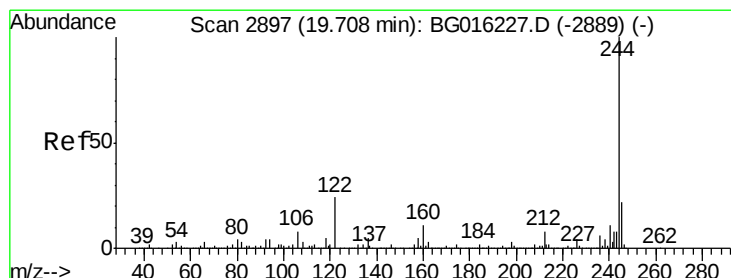
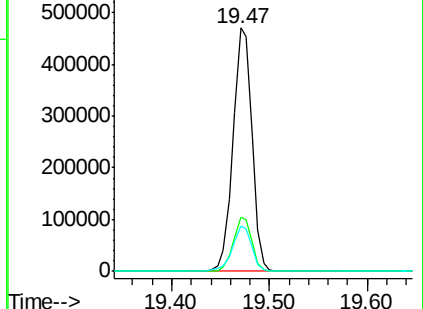
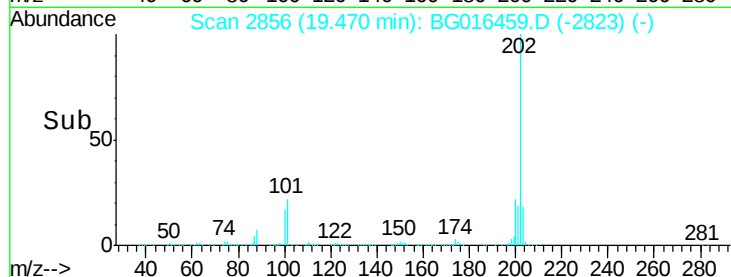
203 18.4 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 68.97 ng

RT: 19.68 min Scan# 2891

Delta R.T. -0.00 min

Lab File: BG016459.D

Acq: 16 Apr 2015 17:22

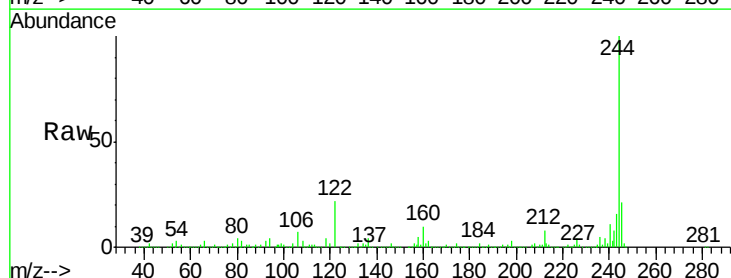
Tgt Ion:244 Resp: 736949

Ion Ratio Lower Upper

244 100

212 8.0 6.6 9.8

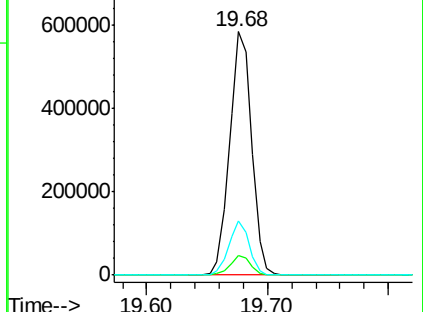
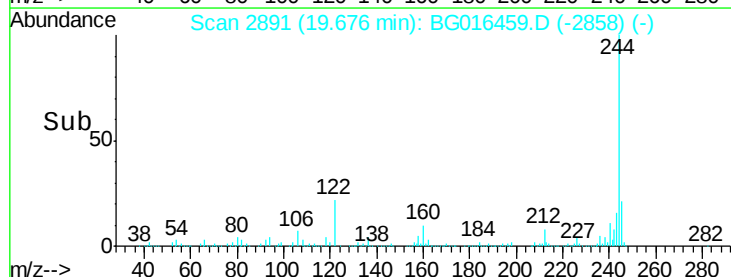
122 22.3 19.1 28.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

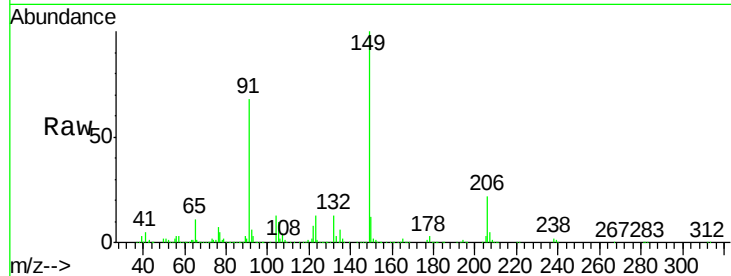




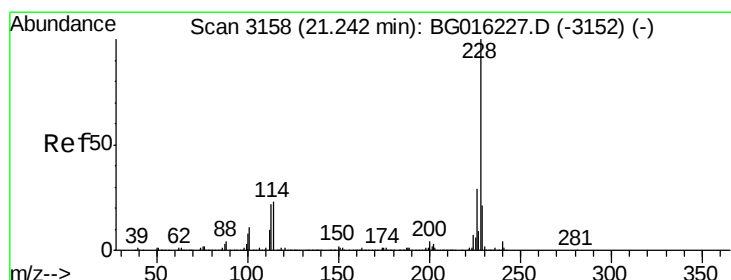
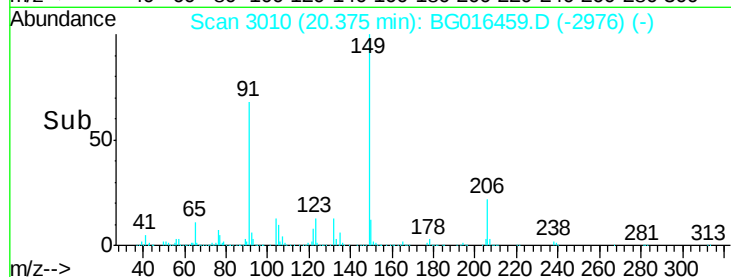
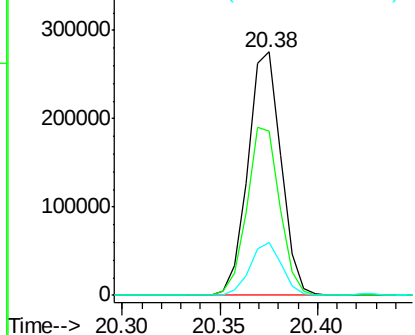
#79
Butylbenzylphthalate
Concen: 37.85 ng
RT: 20.38 min Scan# 3010
Delta R.T. 0.00 min
Lab File: BG016459.D
Acq: 16 Apr 2015 17:22

Instrument :
BNA_G
ClientSampleId :
PB82771BS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.6	59.4	89.2
206	21.9	15.6	23.4

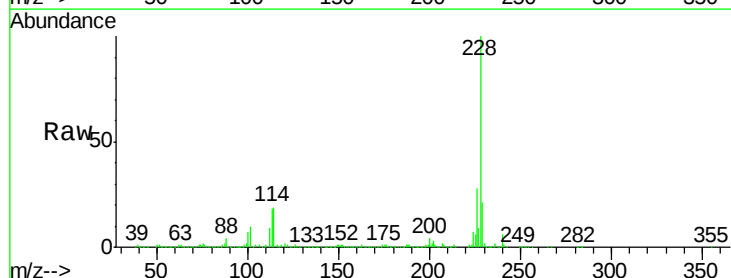


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

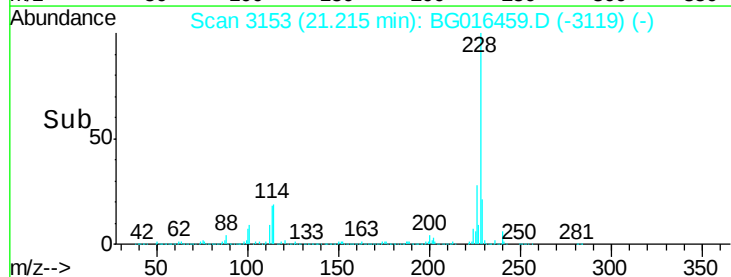
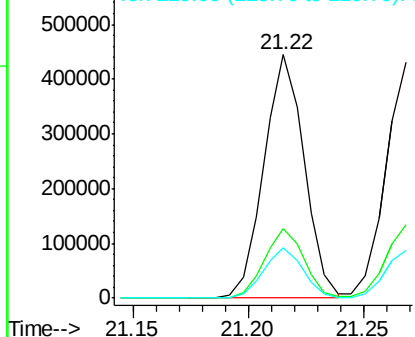


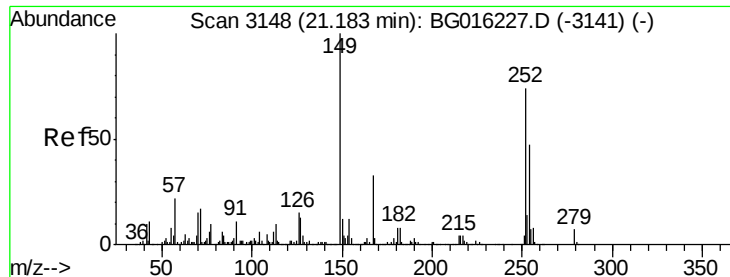
#80
Benzo(a)anthracene
Concen: 36.36 ng
RT: 21.22 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BG016459.D
Acq: 16 Apr 2015 17:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.5	35.3
229	20.5	16.8	25.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

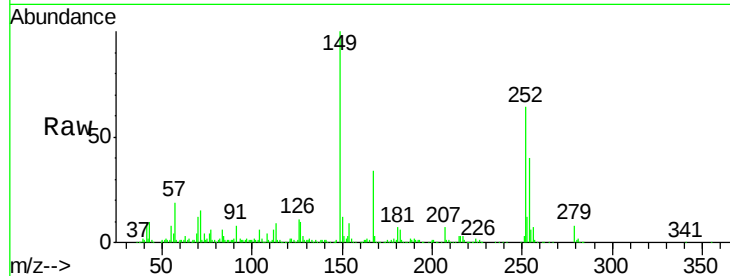




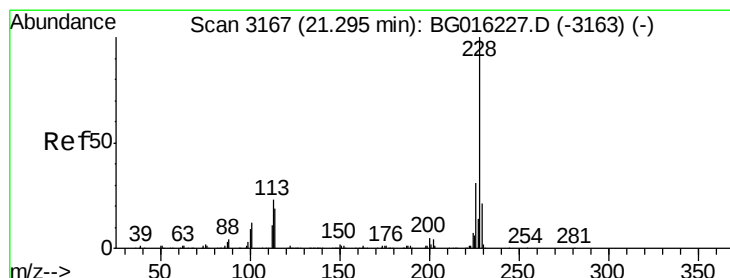
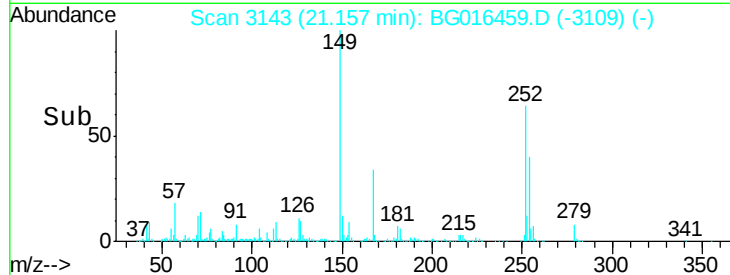
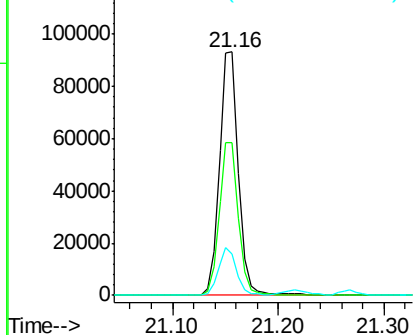
#81
 3,3'-Dichlorobenzidine
 Concen: 24.13 ng
 RT: 21.16 min Scan# 3143
 Delta R.T. 0.00 min
 Lab File: BG016459.D
 Acq: 16 Apr 2015 17:22

Instrument :
 BNA_G
 ClientSampleId :
 PB82771BS

Tgt Ion:252 Resp: 117265
 Ion Ratio Lower Upper
 252 100
 254 62.6 50.8 76.2
 126 17.2 16.0 24.0

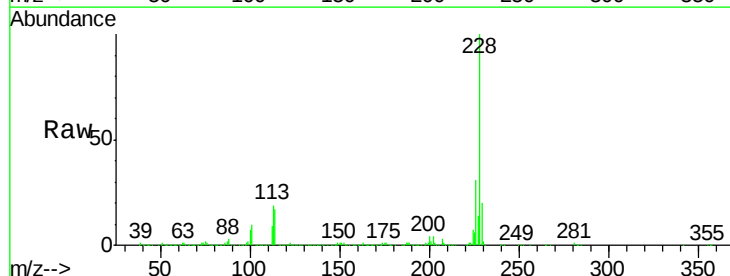


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

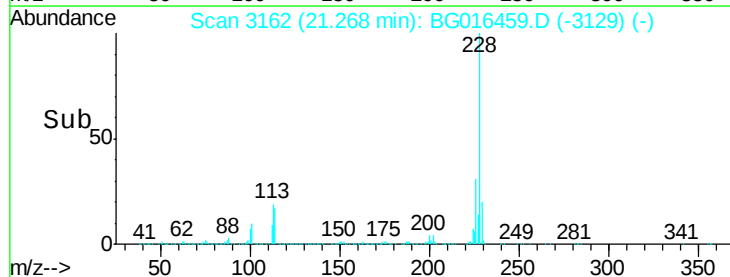
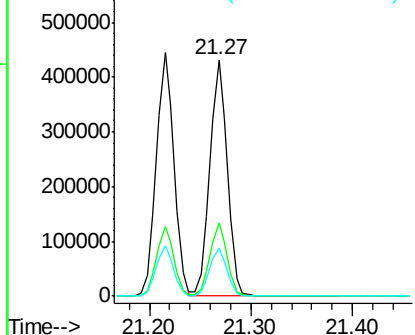


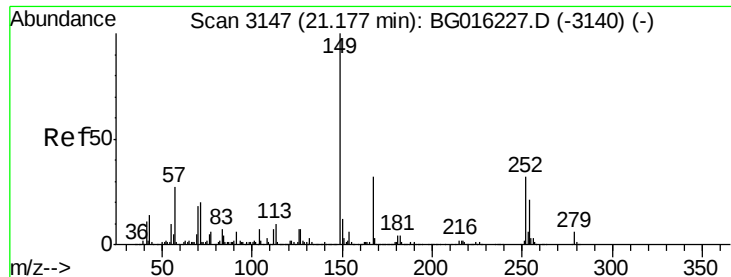
#82
 Chrysene
 Concen: 36.14 ng
 RT: 21.27 min Scan# 3162
 Delta R.T. -0.00 min
 Lab File: BG016459.D
 Acq: 16 Apr 2015 17:22

Tgt Ion:228 Resp: 515622
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.0 37.4
 229 20.1 17.0 25.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

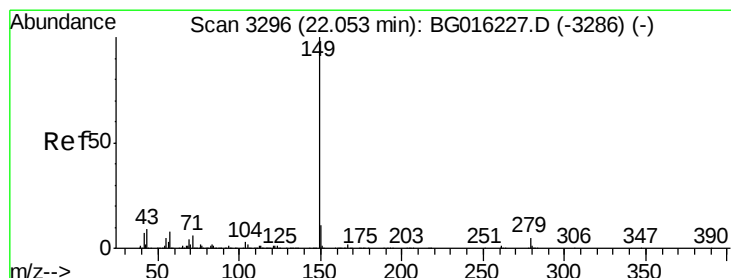
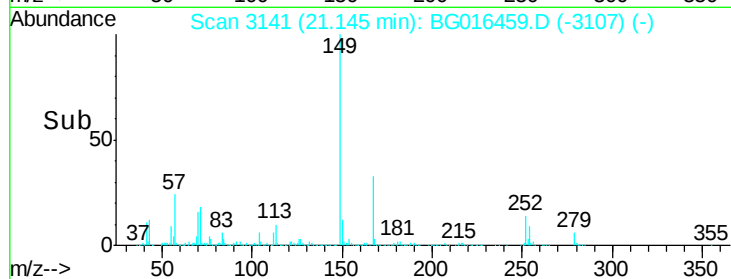
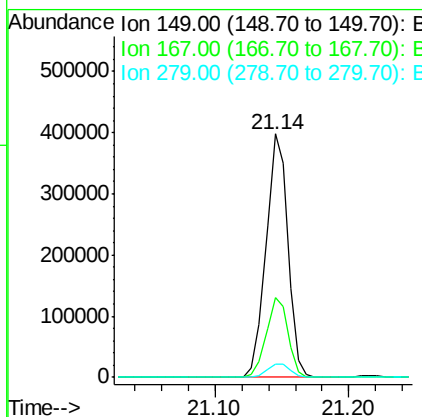
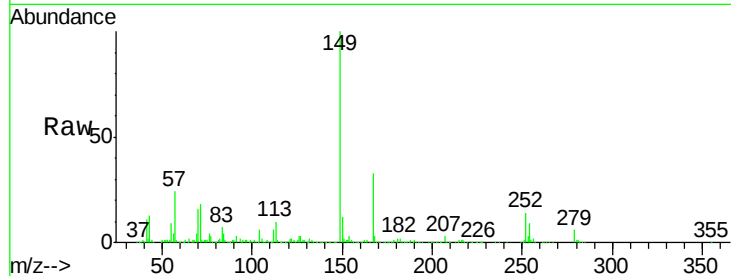




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.97 ng
 RT: 21.14 min Scan# 3141
 Delta R.T. 0.00 min
 Lab File: BG016459.D
 Acq: 16 Apr 2015 17:22

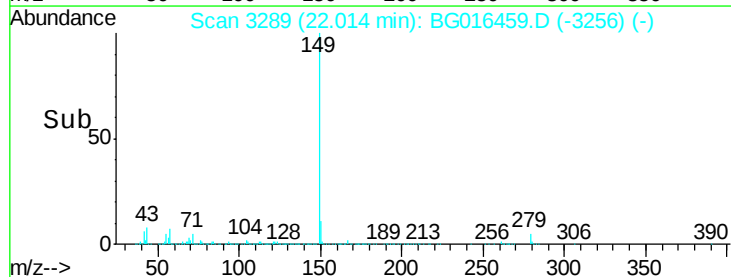
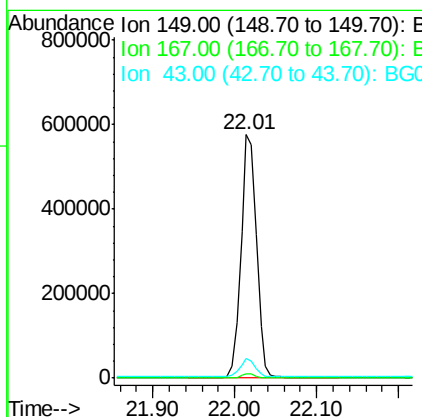
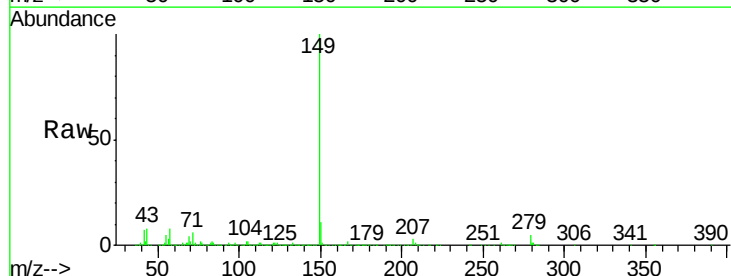
Instrument :
 BNA_G
 ClientSampleId :
 PB82771BS

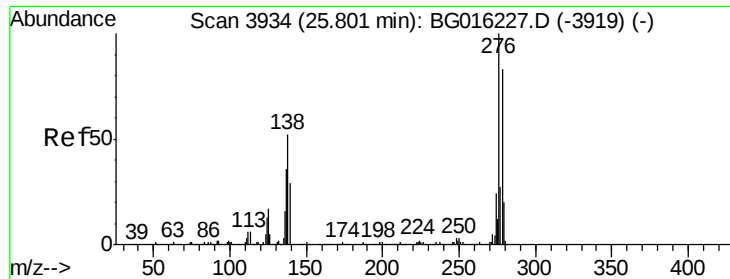
Tgt Ion:149 Resp: 451318
 Ion Ratio Lower Upper
 149 100
 167 32.8 25.8 38.6
 279 5.6 4.7 7.1



#84
 Di-n-octyl phthalate
 Concen: 40.16 ng
 RT: 22.01 min Scan# 3289
 Delta R.T. -0.00 min
 Lab File: BG016459.D
 Acq: 16 Apr 2015 17:22

Tgt Ion:149 Resp: 757833
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 7.5 7.0 10.4





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.03 ng

RT: 25.75 min Scan# 3924

Delta R.T. 0.01 min

Lab File: BG016459.D

Acq: 16 Apr 2015 17:22

Instrument :

BNA_G

ClientSampleId :

PB82771BS

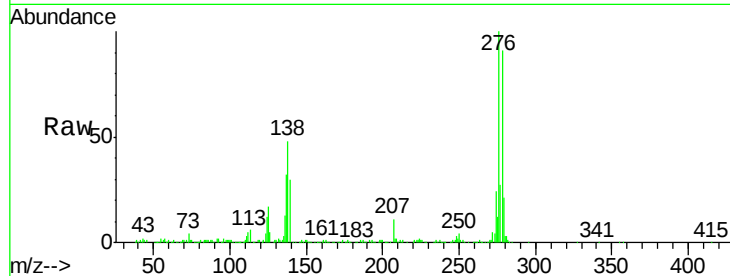
Tgt Ion:276 Resp: 563736

Ion Ratio Lower Upper

276 100

138 48.3 41.5 62.3

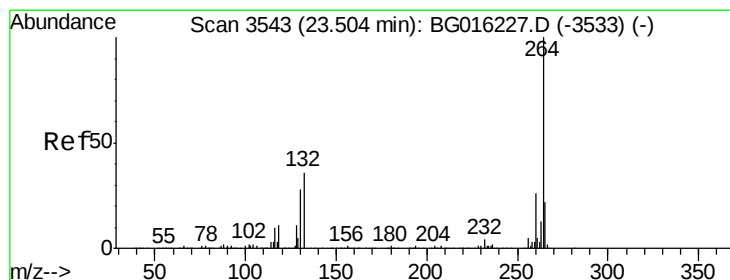
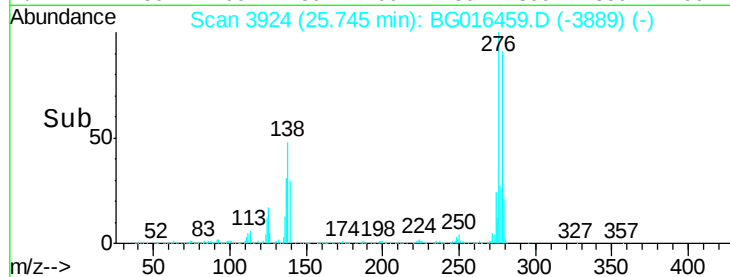
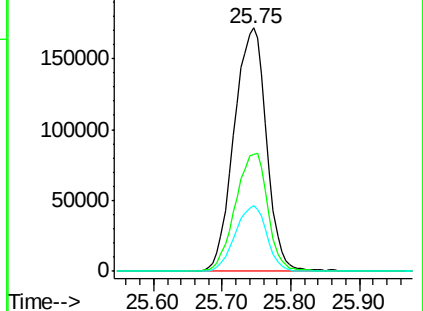
277 26.6 21.0 31.6



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# 3536

Delta R.T. 0.00 min

Lab File: BG016459.D

Acq: 16 Apr 2015 17:22

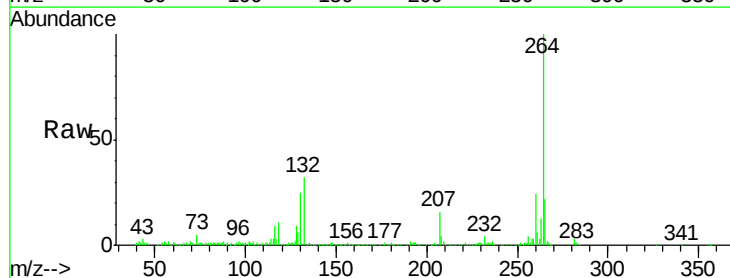
Tgt Ion:264 Resp: 238820

Ion Ratio Lower Upper

264 100

260 24.2 20.4 30.6

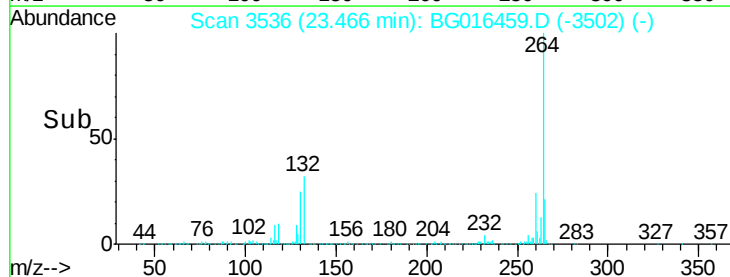
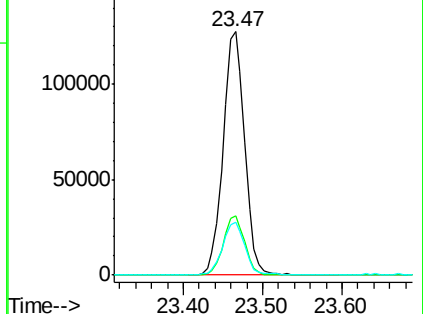
265 21.8 17.2 25.8

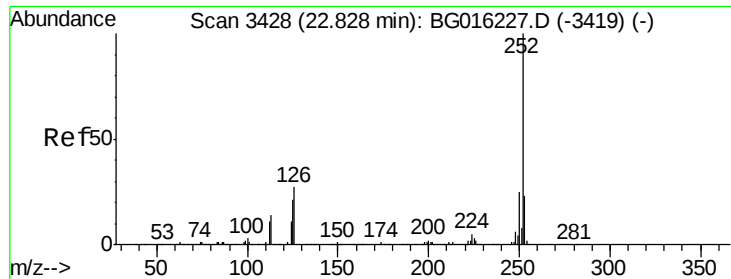


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 36.52 ng

RT: 22.79 min Scan# 3421

Delta R.T. 0.00 min

Lab File: BG016459.D

Acq: 16 Apr 2015 17:22

Instrument :

BNA_G

ClientSampleId :

PB82771BS

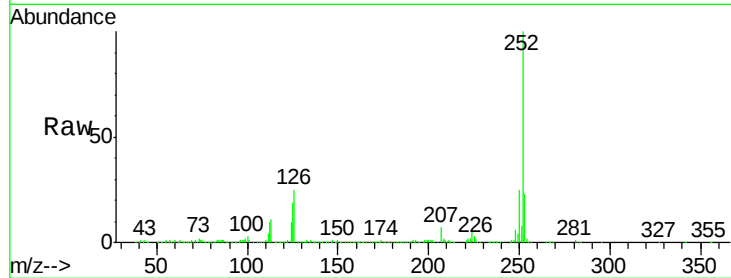
Tgt Ion:252 Resp: 510844

Ion Ratio Lower Upper

252 100

253 22.6 18.5 27.7

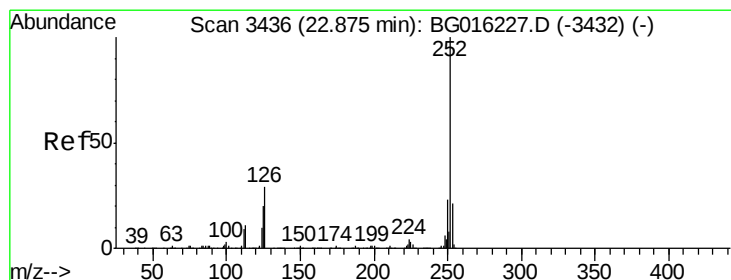
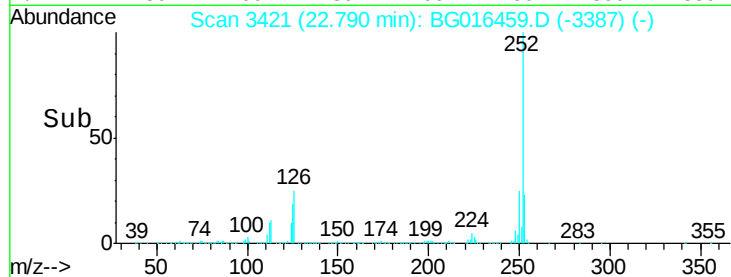
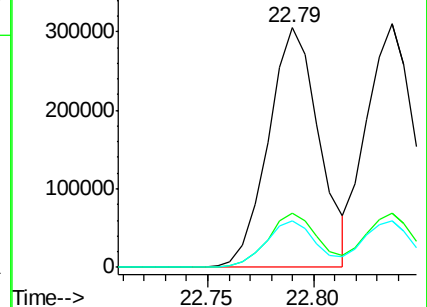
125 19.2 17.0 25.6



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: 35.50 ng

RT: 22.84 min Scan# 3429

Delta R.T. 0.00 min

Lab File: BG016459.D

Acq: 16 Apr 2015 17:22

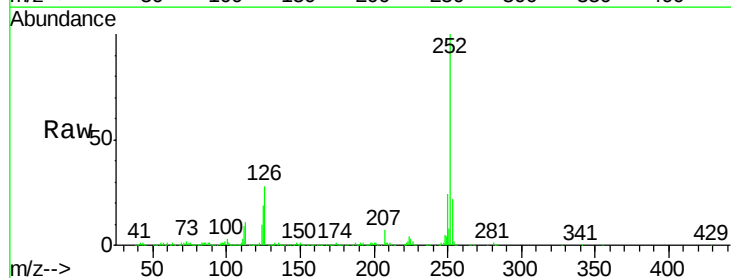
Tgt Ion:252 Resp: 485889

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

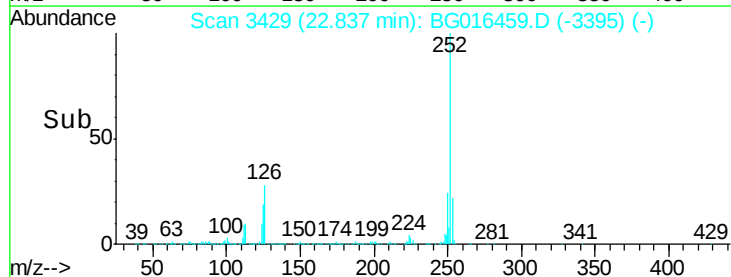
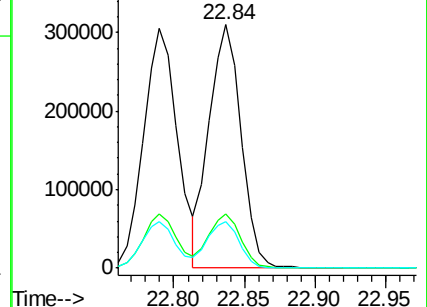
125 18.9 16.3 24.5

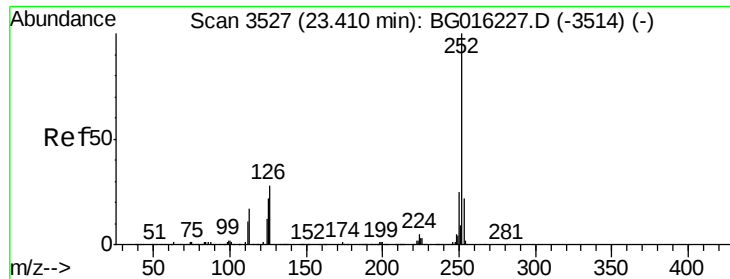


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 37.81 ng

RT: 23.37 min Scan# 3519

Delta R.T. -0.00 min

Lab File: BG016459.D

Acq: 16 Apr 2015 17:22

Instrument :

BNA_G

ClientSampleId :

PB82771BS

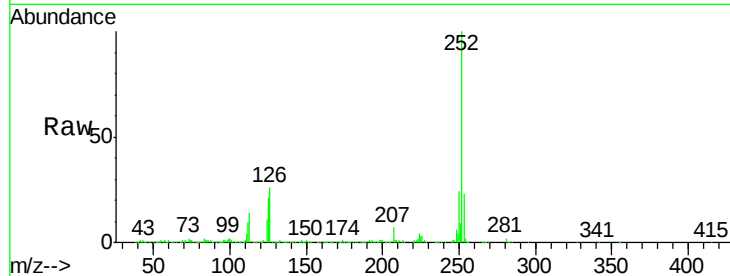
Tgt Ion:252 Resp: 495663

Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

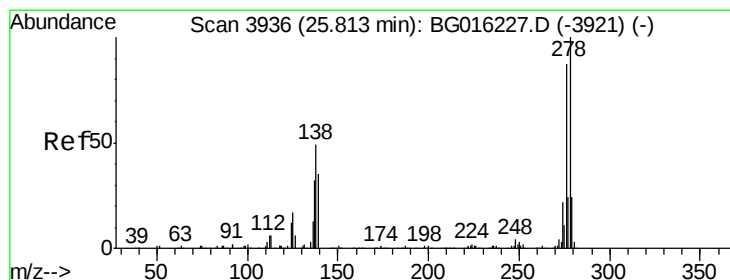
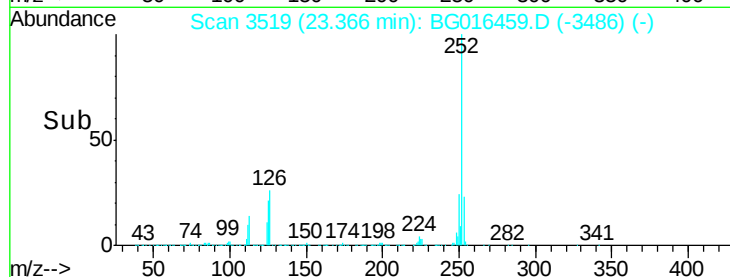
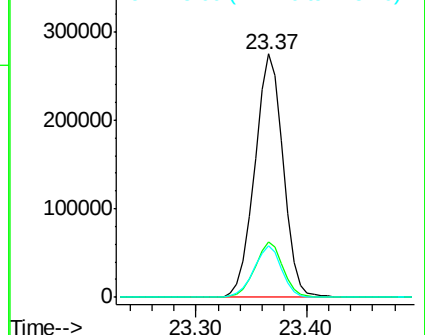
125 21.3 17.6 26.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 36.85 ng

RT: 25.76 min Scan# 3926

Delta R.T. 0.00 min

Lab File: BG016459.D

Acq: 16 Apr 2015 17:22

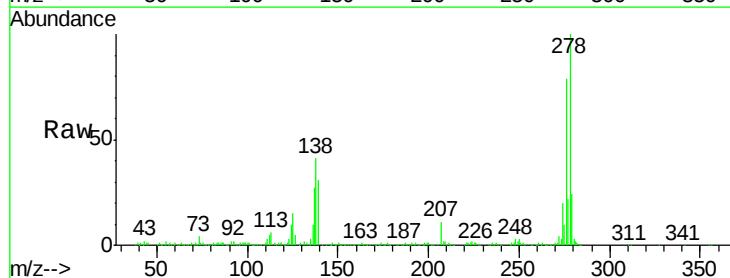
Tgt Ion:278 Resp: 470070

Ion Ratio Lower Upper

278 100

139 30.6 27.9 41.9

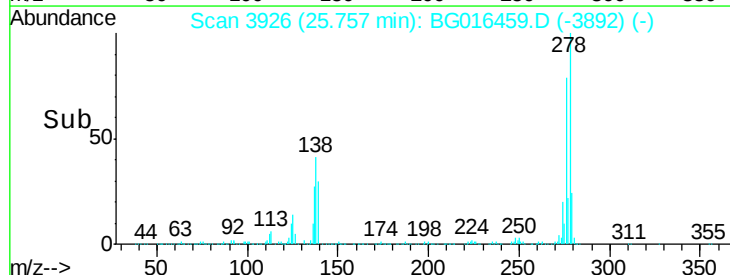
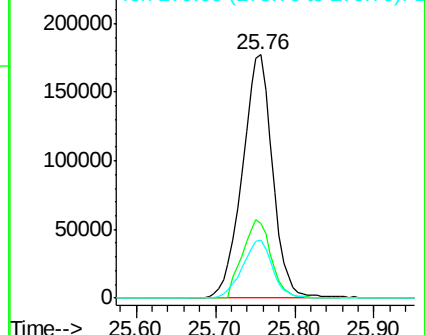
279 23.8 19.5 29.3

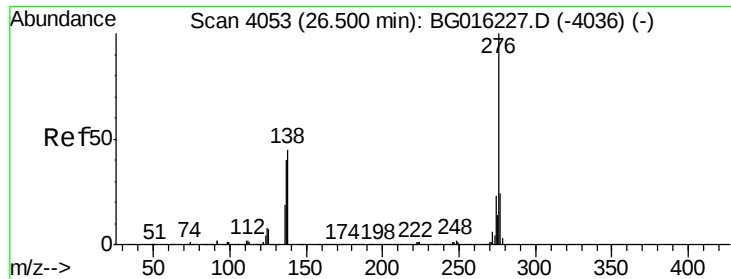


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 37.18 ng

RT: 26.44 min Scan# 4042

Delta R.T. -0.00 min

Lab File: BG016459.D

Acq: 16 Apr 2015 17:22

Instrument :

BNA_G

ClientSampleId :

PB82771BS

Tgt Ion: 276 Resp: 473756

Ion Ratio Lower Upper

276 100

277 23.6 19.5 29.3

138 41.1 35.7 53.5

