

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG040915\
 Data File : BG016306.D
 Acq On : 10 Apr 2015 2:02
 Operator : TP/IZ
 Sample : PB82620BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82620BS

Quant Time: Apr 10 03:53:31 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 07 04:17:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	84157	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	395550	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	230399	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	484404	20.00	ng	0.00
75) Chrysene-d12	21.26	240	428183	20.00	ng	0.00
86) Perylene-d12	23.50	264	399098	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	603422	113.16	ng	0.00
7) Phenol-d6	6.88	99	878819	109.78	ng	0.01
23) Nitrobenzene-d5	8.85	82	439248	64.33	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	179754	115.36	ng	0.00
44) 2-Fluorobiphenyl	12.96	172	930898	68.79	ng	0.00
78) Terphenyl-d14	19.71	244	1142719	62.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.17	88	62214	25.66	ng	97
3) Pyridine	3.57	79	186177	25.70	ng	97
4) n-Nitrosodimethylamine	3.49	42	63231	29.36	ng	96
6) Aniline	7.03	93	176680	15.45	ng	98
8) 2-Chlorophenol	7.27	128	236199	36.88	ng	97
9) Benzaldehyde	6.84	77	67348	14.36	ng	96
10) Phenol	6.91	94	317504	37.07	ng	99
11) bis(2-Chloroethyl)ether	7.13	93	209662	30.70	ng	98
12) 1,3-Dichlorobenzene	7.58	146	203078	31.40	ng	97
13) 1,4-Dichlorobenzene	7.73	146	208112	31.02	ng	98
14) 1,2-Dichlorobenzene	8.05	146	202317	31.54	ng	99
15) Benzyl Alcohol	7.94	79	180587	32.36	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.24	45	233155	30.31	ng	99
17) 2-Methylphenol	8.15	107	205328	35.75	ng	97
18) Hexachloroethane	8.77	117	77237	30.10	ng	96
19) n-Nitroso-di-n-propylamine	8.50	70	159750	27.85	ng	98
20) 3+4-Methylphenols	8.48	107	277899	34.93	ng	99
22) Acetophenone	8.52	105	295319	32.20	ng	99
24) Nitrobenzene	8.90	77	227349	31.14	ng	95
25) Isophorone	9.42	82	436874	28.81	ng	99
26) 2-Nitrophenol	9.61	139	125128	36.75	ng	98
27) 2,4-Dimethylphenol	9.68	122	235696	37.16	ng	99
28) bis(2-Chloroethoxy)methane	9.90	93	277154	32.02	ng	99
29) 2,4-Dichlorophenol	10.15	162	199666	39.79	ng	98
30) 1,2,4-Trichlorobenzene	10.35	180	176529	33.69	ng	99
31) Naphthalene	10.53	128	663455	32.19	ng	99
32) Benzoic acid	9.82	122	138060	36.03	ng	97
33) 4-Chloroaniline	10.65	127	99807	10.32	ng	97
34) Hexachlorobutadiene	10.82	225	74789	32.50	ng	98
35) Caprolactam	11.42	113	80667	25.53	ng	93
36) 4-Chloro-3-methylphenol	11.79	107	244920	36.94	ng	98
37) 2-Methylnaphthalene	12.15	142	488326	32.94	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.53	216	168309	33.18	ng	99
40) Hexachlorocyclopentadiene	12.50	237	167274	72.04	ng	98

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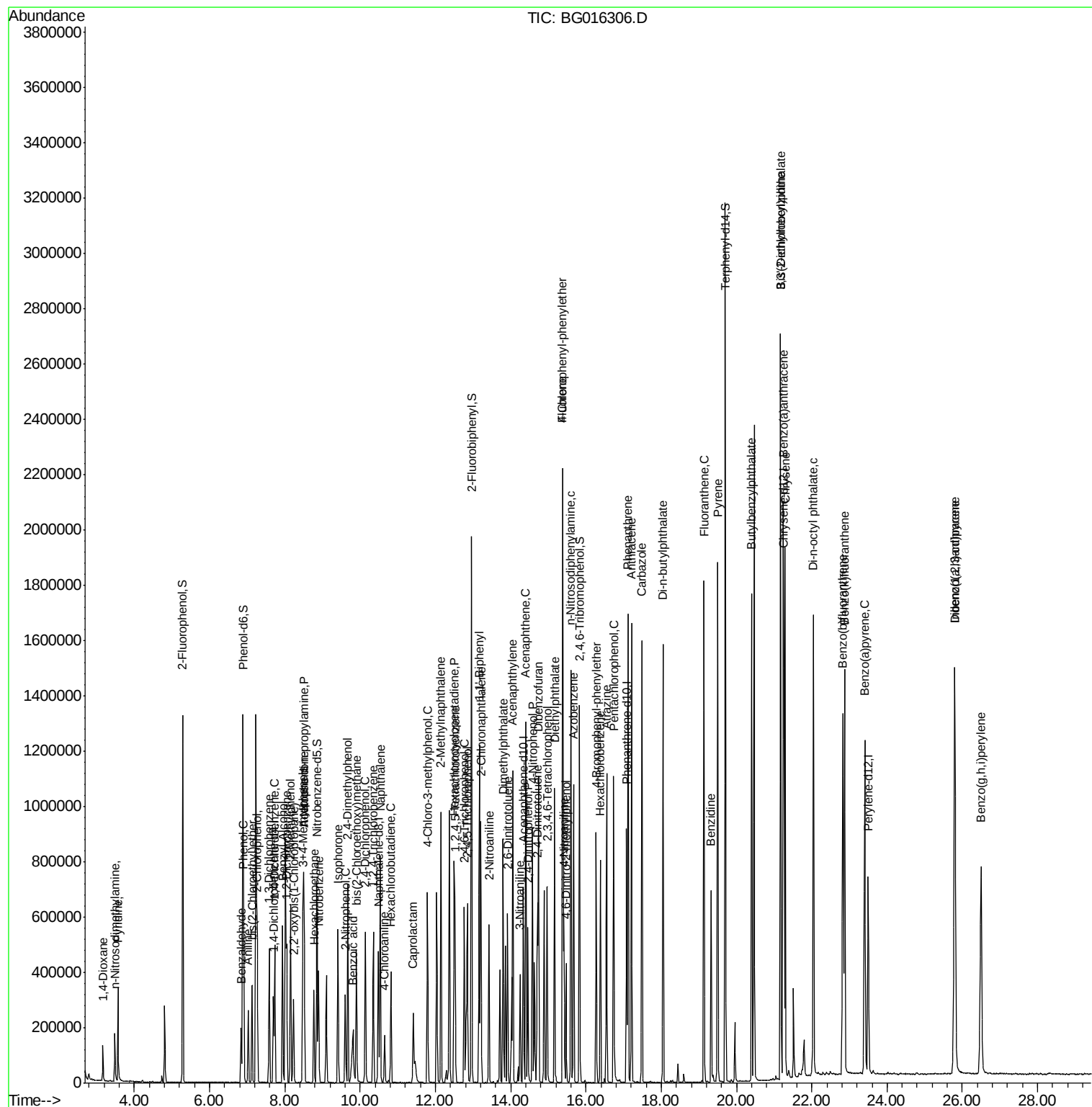
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.77	196	137373	36.44	ng	98
43) 2,4,5-Trichlorophenol	12.85	196	156997	38.98	ng	98
45) 1,1'-Biphenyl	13.17	154	592861	33.54	ng	98
46) 2-Chloronaphthalene	13.21	162	447611	33.25	ng	100
47) 2-Nitroaniline	13.42	65	152006	35.03	ng	94
48) Acenaphthylene	14.06	152	781468	32.64	ng	99
49) Dimethylphthalate	13.80	163	544786	32.26	ng	99
50) 2,6-Dinitrotoluene	13.92	165	142051	34.78	ng	92
51) Acenaphthene	14.40	154	474317	33.15	ng	98
52) 3-Nitroaniline	14.25	138	113632	21.79	ng	88
53) 2,4-Dinitrophenol	14.46	184	129717	57.48	ng	99
54) Dibenzofuran	14.73	168	679679	34.24	ng	99
55) 4-Nitrophenol	14.58	139	313759	72.79	ng	99
56) 2,4-Dinitrotoluene	14.71	165	198151	35.62	ng	92
57) Fluorene	15.39	166	591911	33.80	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.97	232	121781	39.18	ng	96
59) Diethylphthalate	15.16	149	583719	32.48	ng	99
60) 4-Chlorophenyl-phenylether	15.38	204	241118	33.66	ng	98
61) 4-Nitroaniline	15.42	138	198738	33.57	ng	99
62) Azobenzene	15.67	77	638731	33.39	ng	99
64) 4,6-Dinitro-2-methylphenol	15.47	198	97840	30.26	ng	99
65) n-Nitrosodiphenylamine	15.60	169	538375	32.88	ng	100
66) 4-Bromophenyl-phenylether	16.27	248	131201	33.92	ng	94
67) Hexachlorobenzene	16.39	284	134288	33.41	ng	99
68) Atrazine	16.55	200	165716	36.31	ng	98
69) Pentachlorophenol	16.74	266	173872	70.84	ng	98
70) Phenanthrene	17.12	178	895948	32.88	ng	99
71) Anthracene	17.21	178	914080	33.85	ng	100
72) Carbazole	17.48	167	951325	35.11	ng	100
73) Di-n-butylphthalate	18.05	149	1102418	33.24	ng	100
74) Fluoranthene	19.14	202	946312	33.70	ng	99
76) Benzidine	19.32	184	373822	20.59	ng	99
77) Pyrene	19.50	202	990941	33.24	ng	99
79) Butylbenzylphthalate	20.40	149	509588	34.79	ng	99
80) Benzo(a)anthracene	21.24	228	840889	33.23	ng	99
81) 3,3'-Dichlorobenzidine	21.18	252	173356	20.83	ng	99
82) Chrysene	21.29	228	806743	33.02	ng	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	683486	34.47	ng	97
84) Di-n-octyl phthalate	22.04	149	1154597	35.74	ng	99
85) Indeno(1,2,3-cd)pyrene	25.79	276	865968	34.12	ng	99
87) Benzo(b)fluoranthene	22.82	252	803848	34.39	ng	100
88) Benzo(k)fluoranthene	22.87	252	753173	32.93	ng	97
89) Benzo(a)pyrene	23.41	252	766313	34.98	ng	100
90) Dibenzo(a,h)anthracene	25.80	278	722101	33.87	ng	99
91) Benzo(g,h,i)perylene	26.50	276	731471	34.35	ng	100

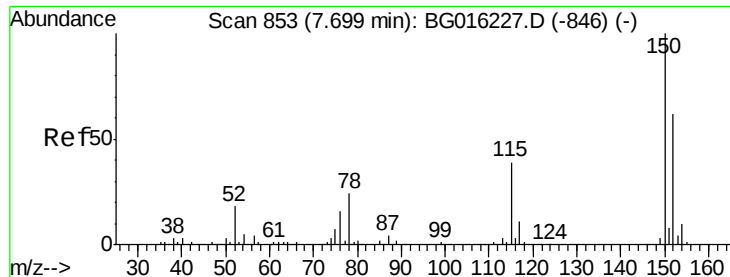
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.70 min Scan# 852

Delta R.T. -0.00 min

Lab File: BG016306.D

Acq: 10 Apr 2015 2:02

Instrument :

BNA_G

ClientSampleId :

PB82620BS

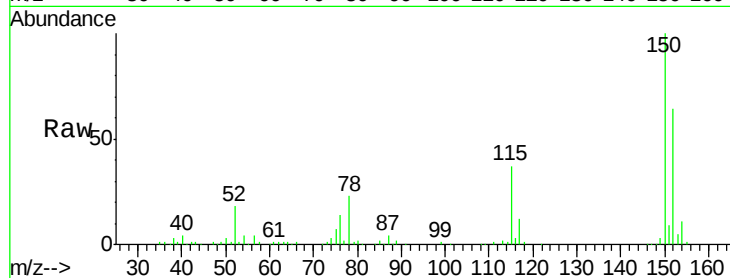
Tgt Ion:152 Resp: 84157

Ion Ratio Lower Upper

152 100

150 157.0 130.1 195.1

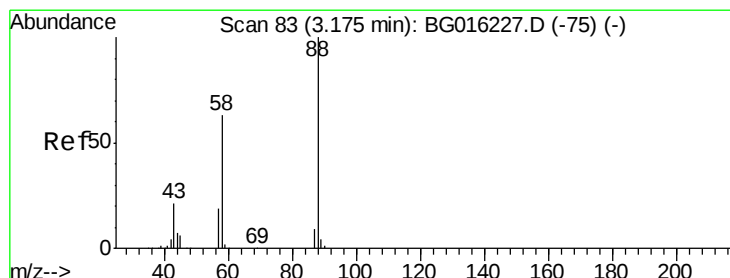
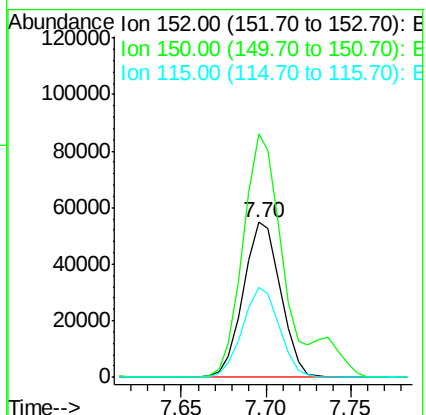
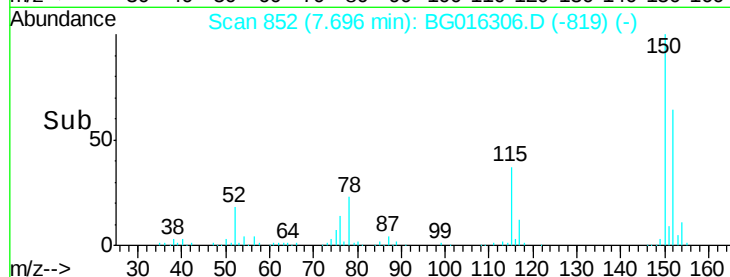
115 58.1 50.5 75.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 25.66 ng

RT: 3.17 min Scan# 82

Delta R.T. -0.00 min

Lab File: BG016306.D

Acq: 10 Apr 2015 2:02

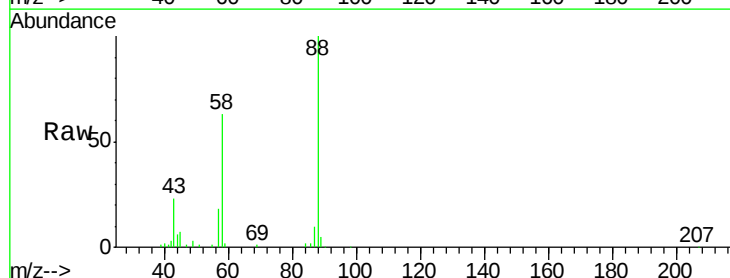
Tgt Ion: 88 Resp: 62214

Ion Ratio Lower Upper

88 100

58 61.1 50.6 76.0

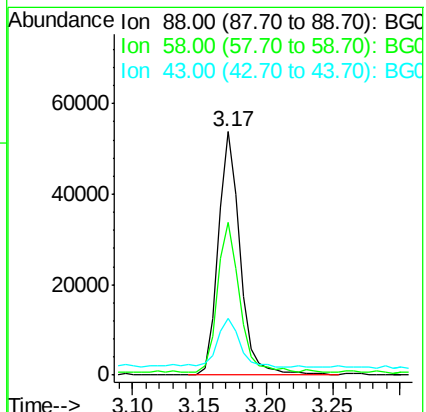
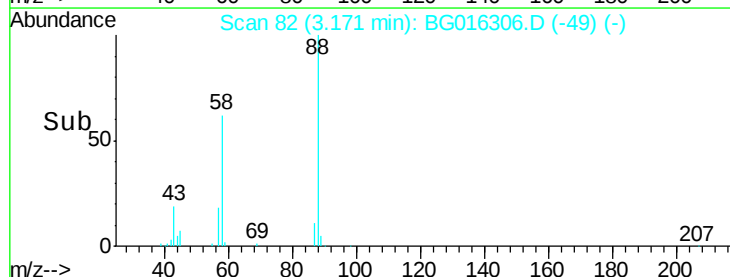
43 19.9 17.0 25.4

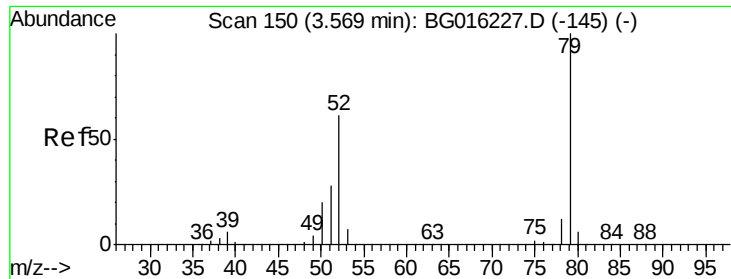


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 25.70 ng

RT: 3.57 min Scan# 149

Delta R.T. -0.00 min

Lab File: BG016306.D

Acq: 10 Apr 2015 2:02

Instrument :

BNA_G

ClientSampleId :

PB82620BS

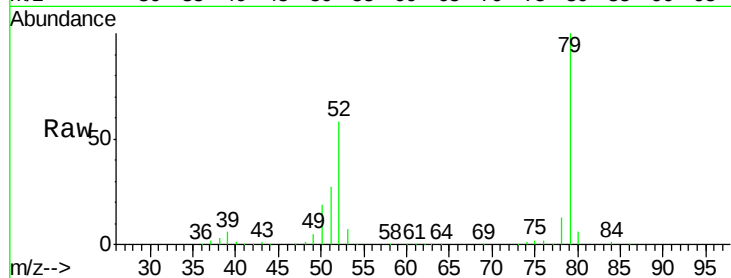
Tgt Ion: 79 Resp: 186177

Ion Ratio Lower Upper

79 100

52 58.1 49.0 73.4

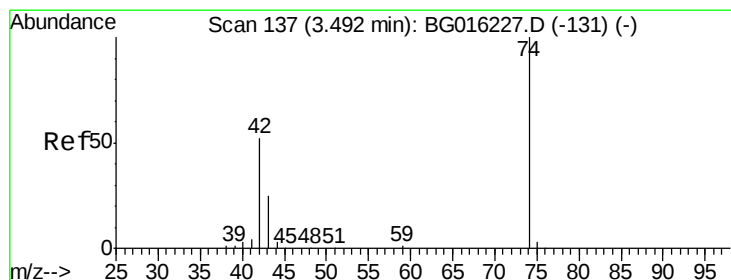
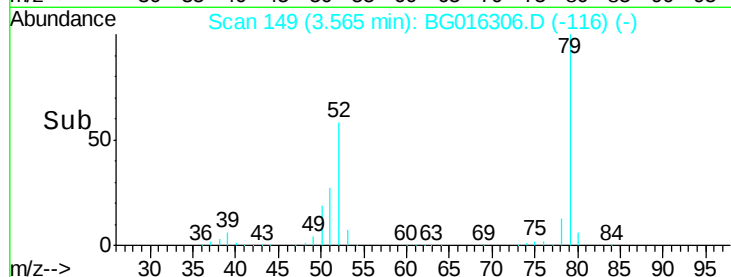
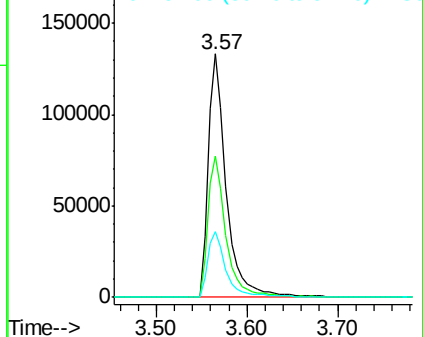
51 27.1 22.5 33.7



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 29.36 ng

RT: 3.49 min Scan# 136

Delta R.T. -0.00 min

Lab File: BG016306.D

Acq: 10 Apr 2015 2:02

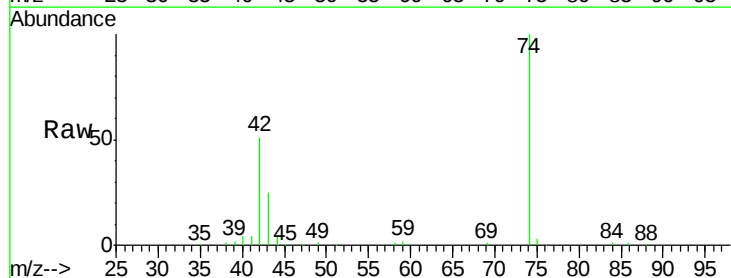
Tgt Ion: 42 Resp: 63231

Ion Ratio Lower Upper

42 100

74 198.0 153.7 230.5

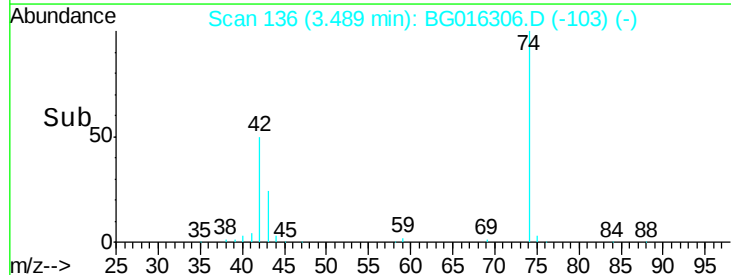
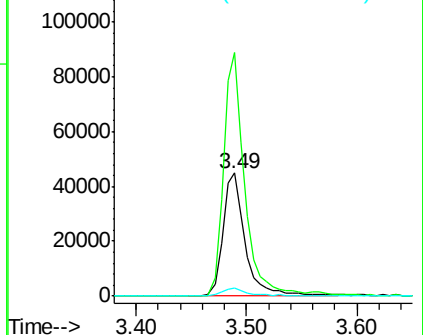
44 7.0 5.3 7.9

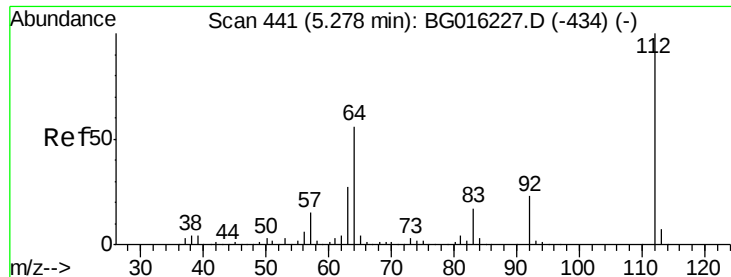


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 113.16 ng

RT: 5.29 min Scan# 442

Delta R.T. 0.01 min

Lab File: BG016306.D

Acq: 10 Apr 2015 2:02

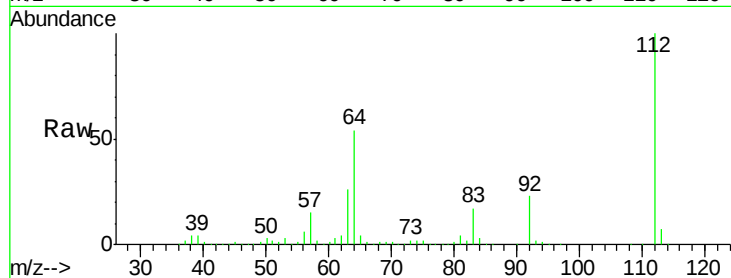
Instrument :

BNA_G

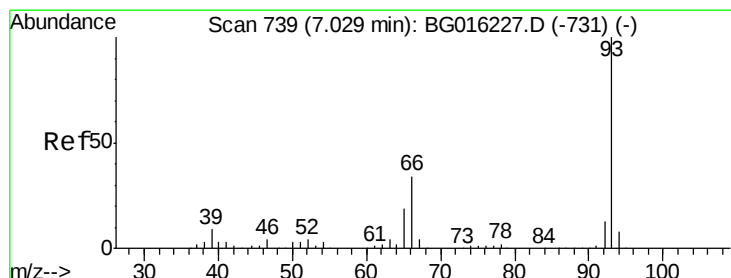
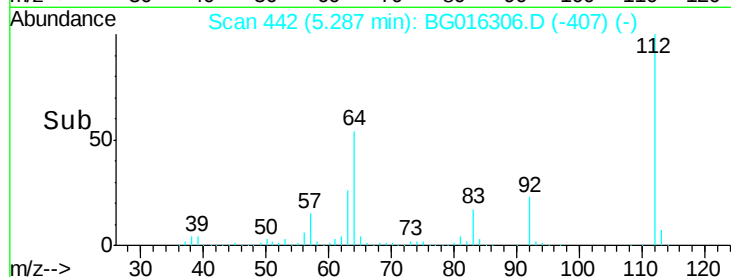
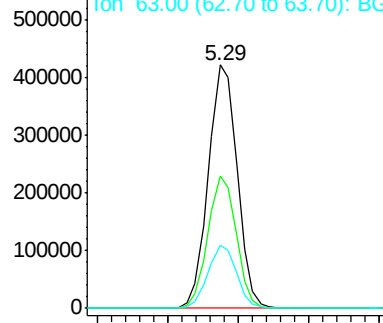
ClientSampled :

PB82620BS

Tgt Ion:	112	Resp:	603422
Ion	Ratio	Lower	Upper
112	100		
64	54.5	44.5	66.7
63	25.9	21.4	32.0



Abundance Ion 112.00 (111.70 to 112.70): BGC



#6

Aniline

Concen: 15.45 ng

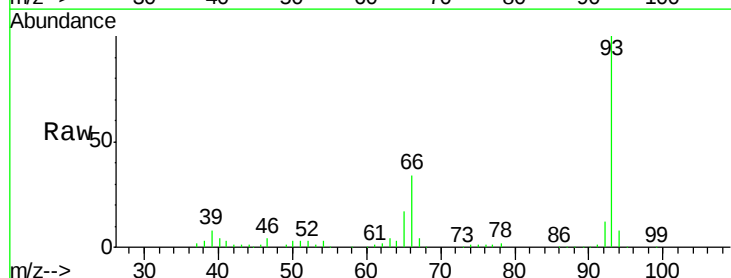
RT: 7.03 min Scan# 738

Delta R.T. -0.00 min

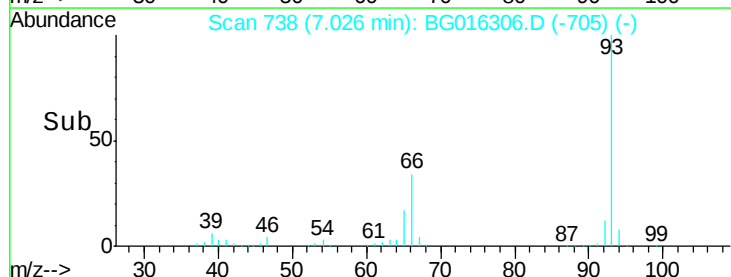
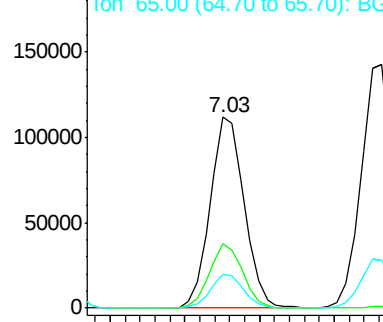
Lab File: BG016306.D

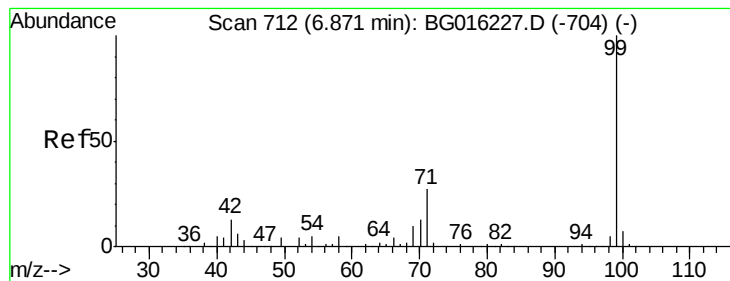
Acq: 10 Apr 2015 2:02

Tgt Ion:	93	Resp:	176680
Ion	Ratio	Lower	Upper
93	100		
66	33.5	27.5	41.3
65	17.5	15.1	22.7



Abundance Ion 93.00 (92.70 to 93.70): BGC





#7

Phenol-d6

Concen: 109.78 ng

RT: 6.88 min Scan# 714

Delta R.T. 0.01 min

Lab File: BG016306.D

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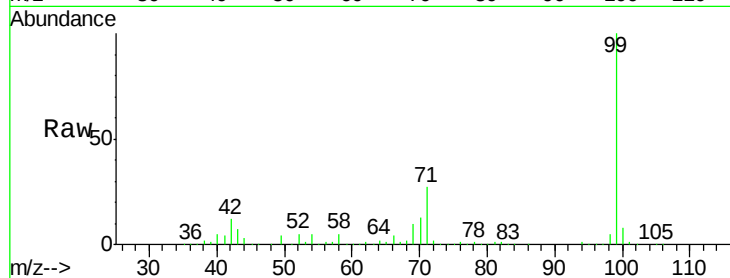
Tgt Ion: 99 Resp: 878819

Ion Ratio Lower Upper

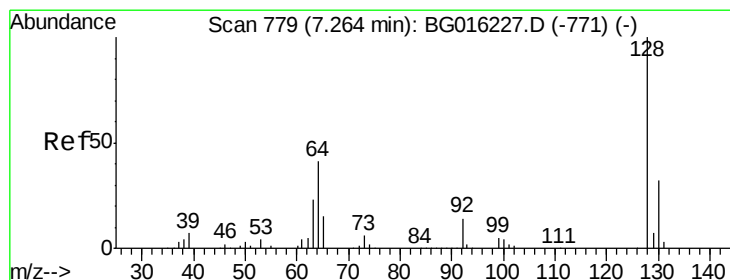
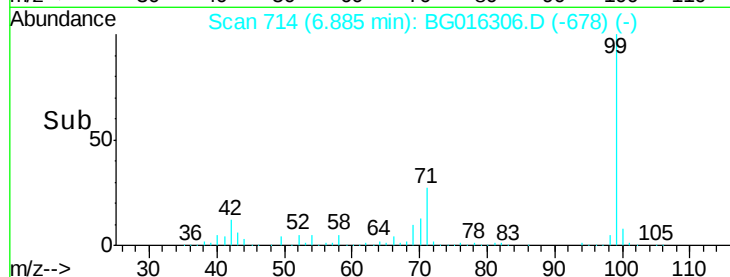
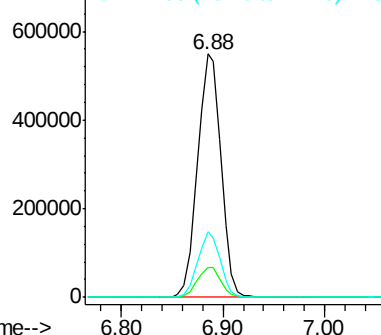
99 100

42 12.4 10.0 15.0

71 26.8 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: 36.88 ng

RT: 7.27 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG016306.D

Acq: 10 Apr 2015 2:02

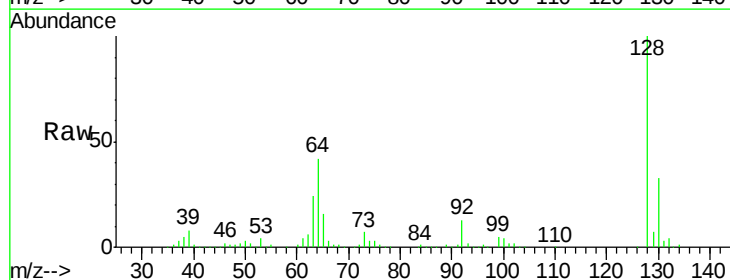
Tgt Ion: 128 Resp: 236199

Ion Ratio Lower Upper

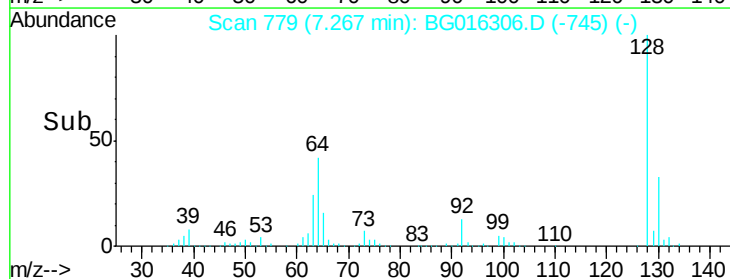
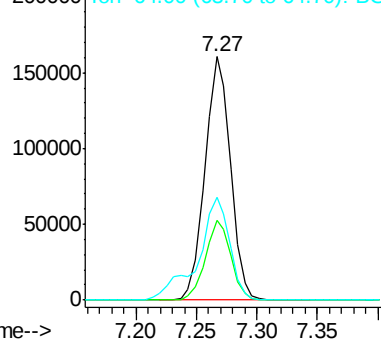
128 100

130 32.7 11.6 51.6

64 42.0 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: 14.36 ng

RT: 6.84 min Scan# 706

Delta R.T. -0.00 min

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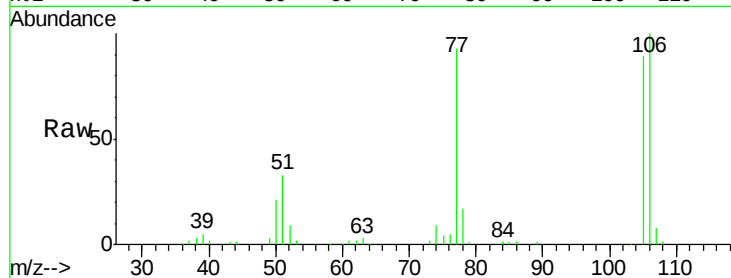
Tgt Ion: 77 Resp: 67348

Ion Ratio Lower Upper

77 100

105 95.9 76.8 116.8

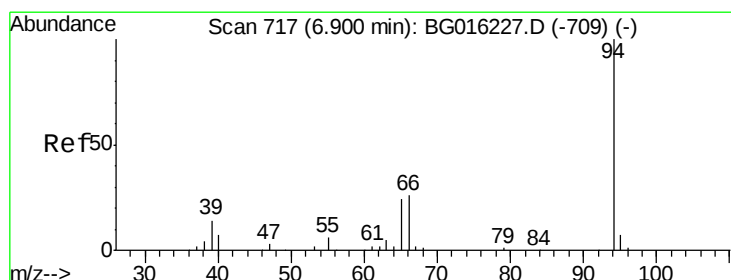
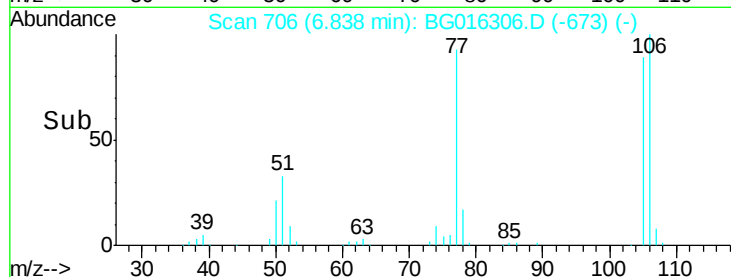
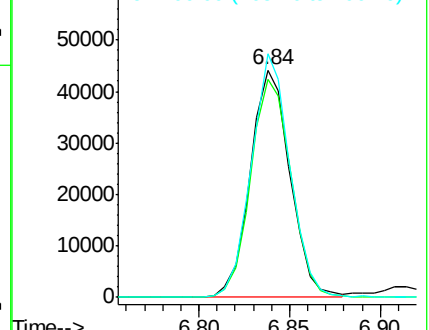
106 107.1 80.1 120.1



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: 37.07 ng

RT: 6.91 min Scan# 719

Delta R.T. 0.01 min

Lab File: BG016306.D

Acq: 10 Apr 2015 2:02

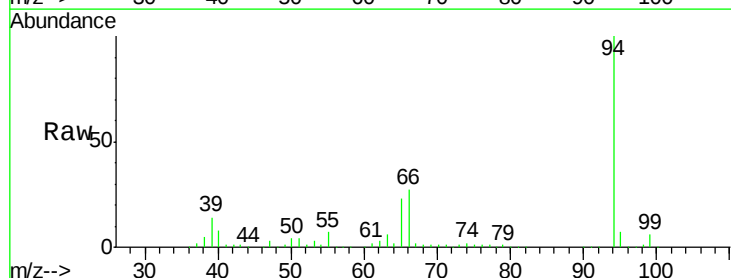
Tgt Ion: 94 Resp: 317504

Ion Ratio Lower Upper

94 100

65 23.4 3.8 43.8

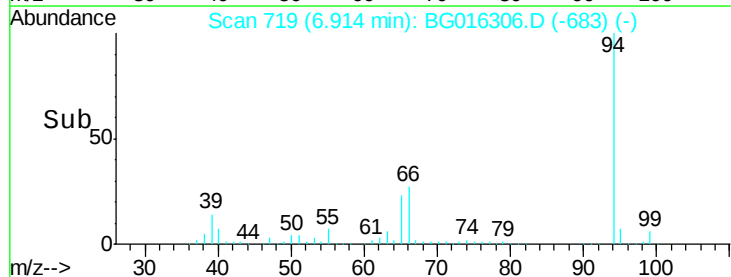
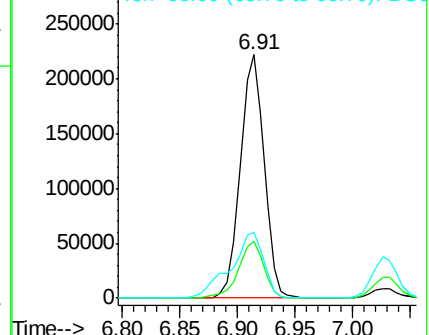
66 27.2 7.4 47.4

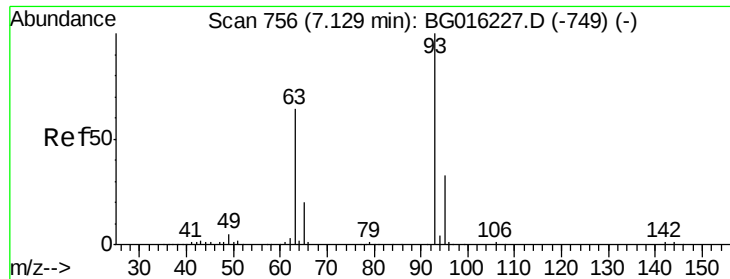


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

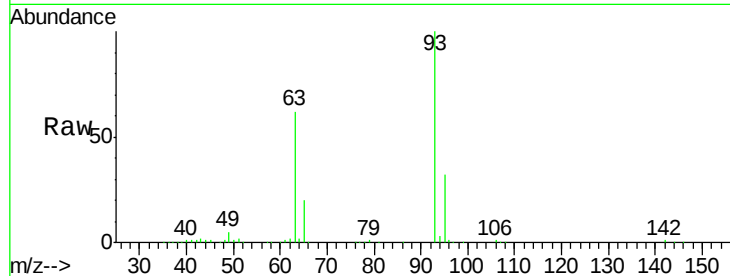




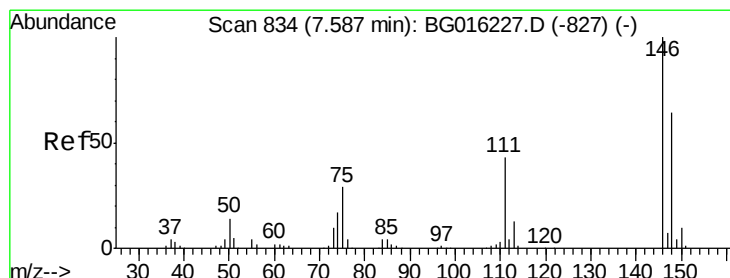
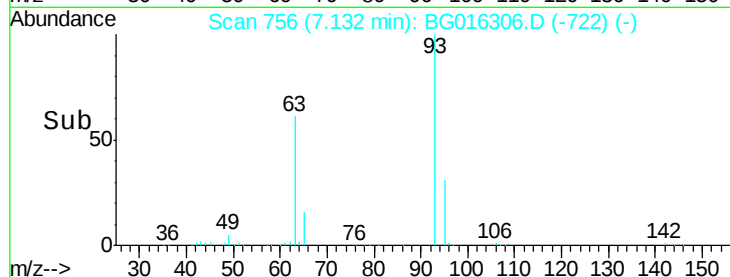
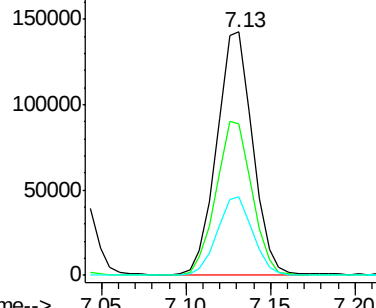
#11
bis(2-Chloroethyl)ether
Concen: 30.70 ng
RT: 7.13 min Scan# 756
Delta R.T. 0.00 min
Lab File: BG016306.D
Acq: 10 Apr 2015 2:02

Instrument :
BNA_G
ClientSampleId :
PB82620BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	62.2	44.1	84.1
95	32.1	12.5	52.5

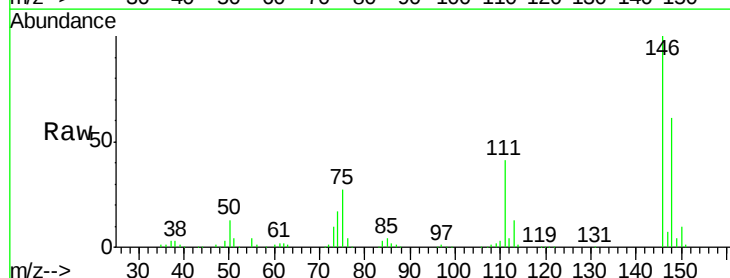


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

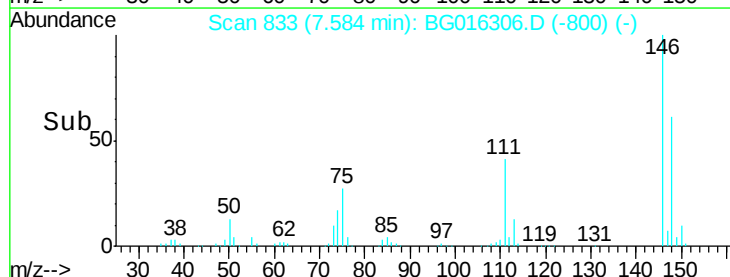
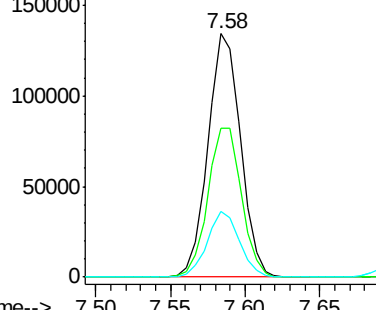


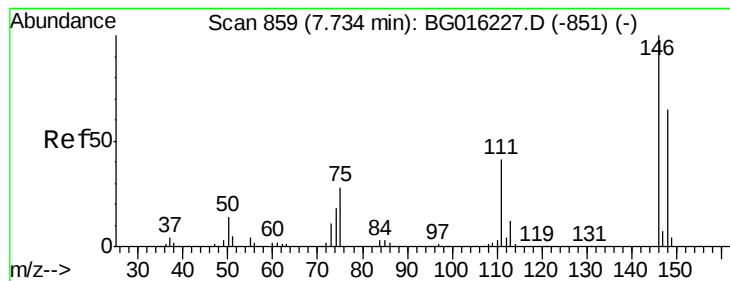
#12
1,3-Dichlorobenzene
Concen: 31.40 ng
RT: 7.58 min Scan# 833
Delta R.T. -0.00 min
Lab File: BG016306.D
Acq: 10 Apr 2015 2:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.4	50.9	76.3
75	27.1	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: 31.02 ng

RT: 7.73 min Scan# 858

Delta R.T. -0.00 min

Lab File: BG016306.D

Acq: 10 Apr 2015 2:02

Instrument :

BNA_G

ClientSampleId :

PB82620BS

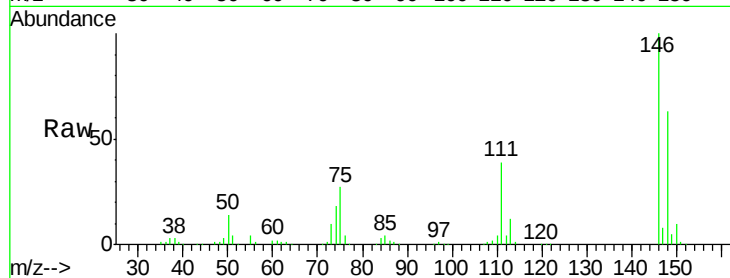
Tgt Ion:146 Resp: 208112

Ion Ratio Lower Upper

146 100

148 63.1 52.0 78.0

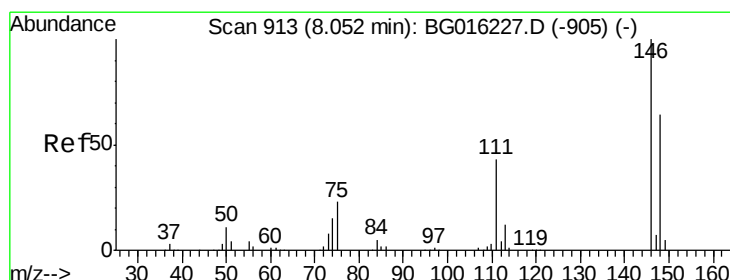
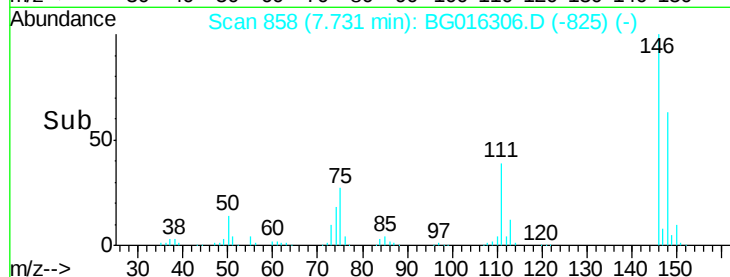
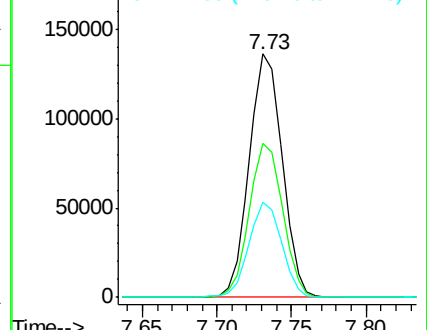
111 39.3 32.6 49.0



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: 31.54 ng

RT: 8.05 min Scan# 912

Delta R.T. -0.00 min

Lab File: BG016306.D

Acq: 10 Apr 2015 2:02

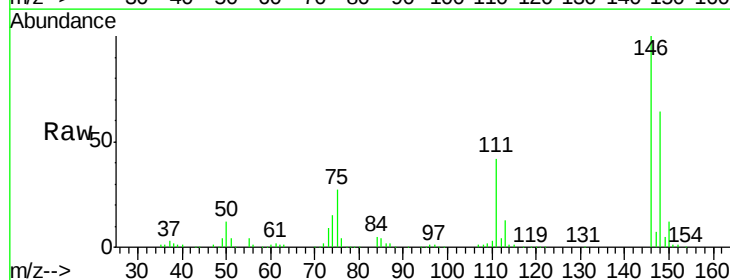
Tgt Ion:146 Resp: 202317

Ion Ratio Lower Upper

146 100

148 64.4 50.9 76.3

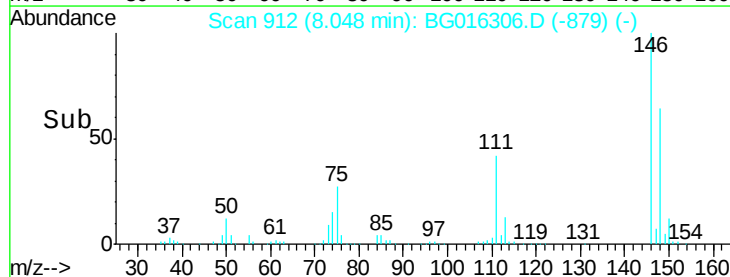
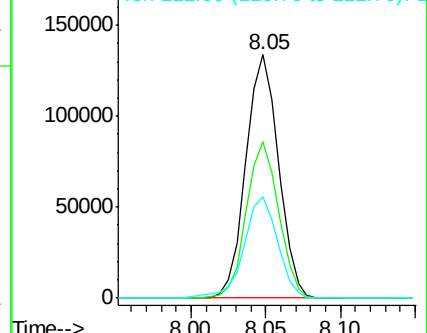
111 42.0 34.7 52.1

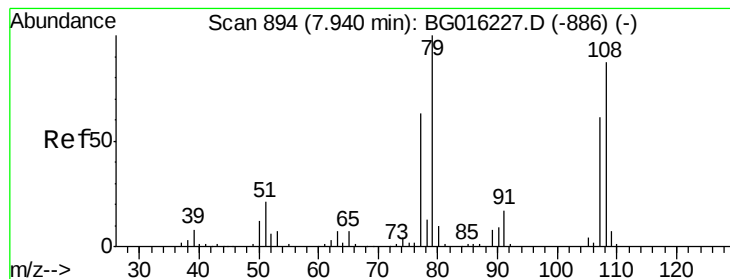


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 32.36 ng

RT: 7.94 min Scan# 894

Delta R.T. 0.00 min

Lab File: BG016306.D

Acq: 10 Apr 2015 2:02

Instrument :

BNA_G

ClientSampleId :

PB82620BS

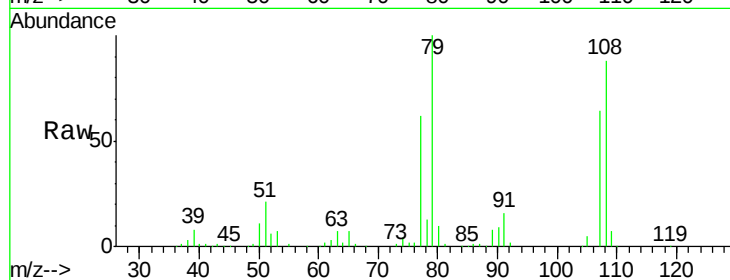
Tgt Ion: 79 Resp: 180587

Ion Ratio Lower Upper

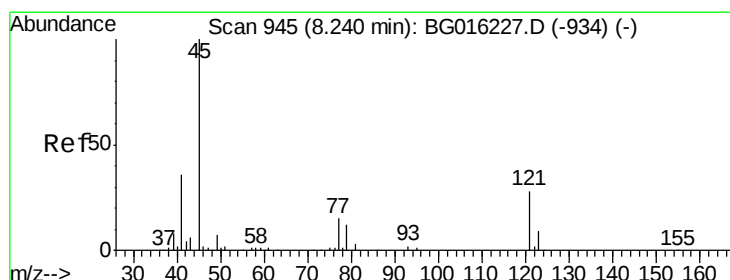
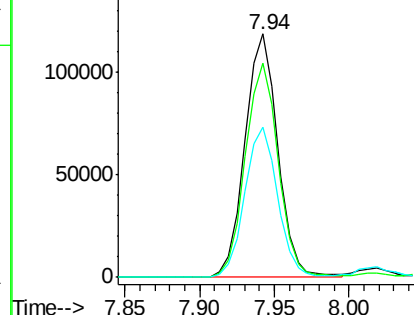
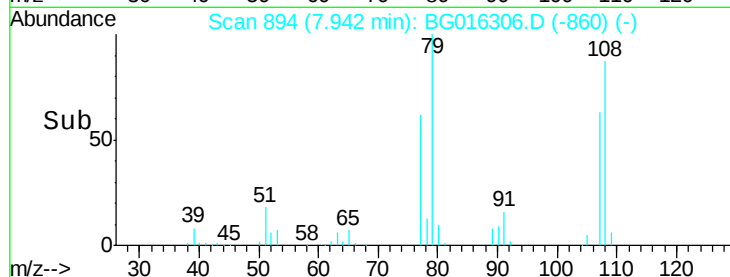
79 100

108 87.9 69.3 103.9

77 61.7 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: 30.31 ng

RT: 8.24 min Scan# 944

Delta R.T. -0.00 min

Lab File: BG016306.D

Acq: 10 Apr 2015 2:02

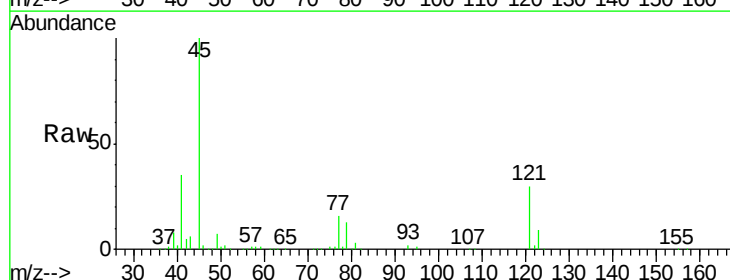
Tgt Ion: 45 Resp: 233155

Ion Ratio Lower Upper

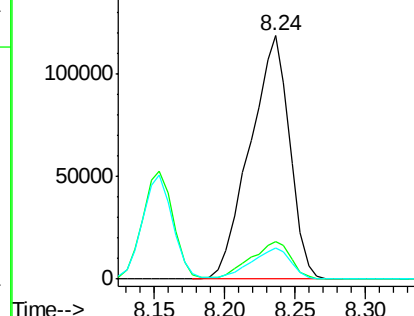
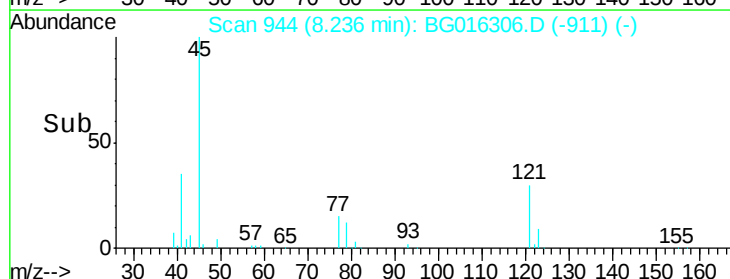
45 100

77 15.5 0.0 35.3

79 12.6 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

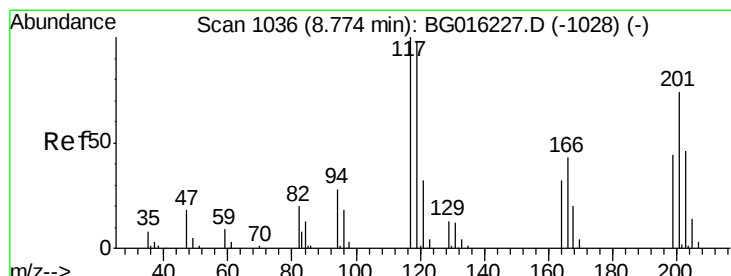
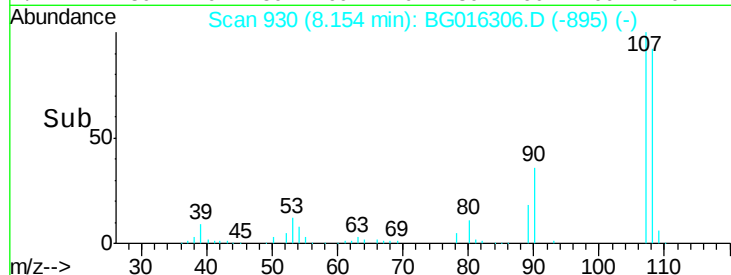
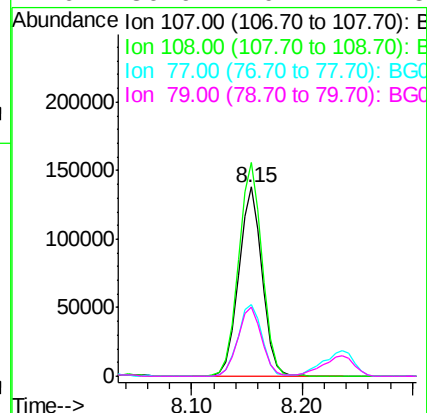
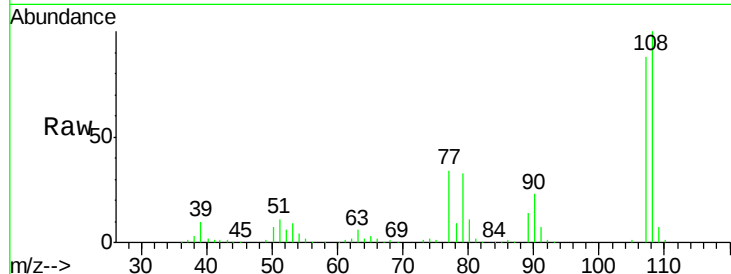




#17
2-Methylphenol
Concen: 35.75 ng
RT: 8.15 min Scan# 930
Delta R.T. 0.01 min
Lab File: BG016306.D
Acq: 10 Apr 2015 2:02

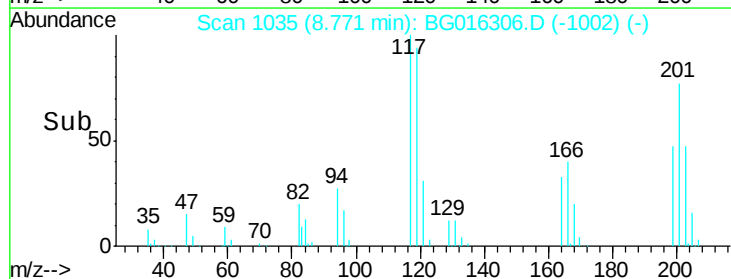
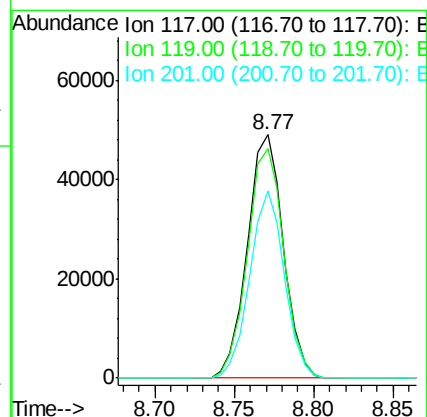
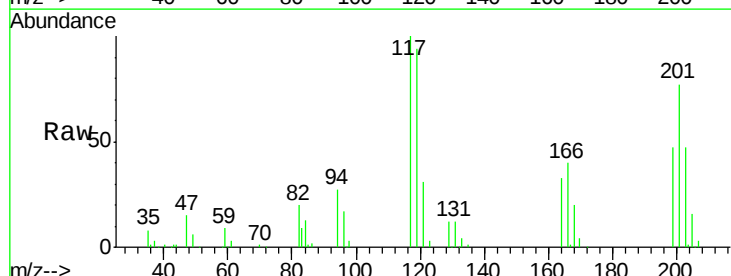
Instrument :
BNA_G
ClientSampleId :
PB82620BS

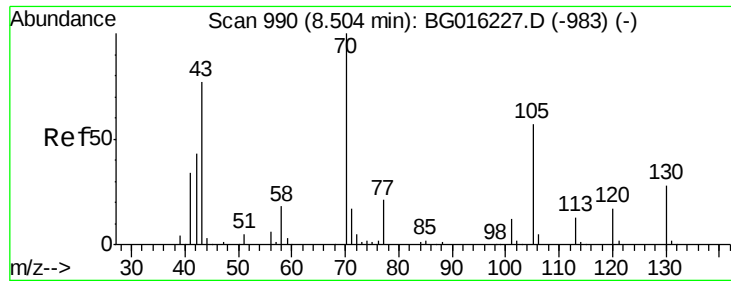
Tgt Ion:	107	Resp:	205328
Ion	Ratio	Lower	Upper
107	100		
108	113.0	87.2	130.8
77	38.2	31.1	46.7
79	36.9	29.7	44.5



#18
Hexachloroethane
Concen: 30.10 ng
RT: 8.77 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG016306.D
Acq: 10 Apr 2015 2:02

Tgt Ion:	117	Resp:	77237
Ion	Ratio	Lower	Upper
117	100		
119	94.0	78.8	118.2
201	76.9	59.0	88.4

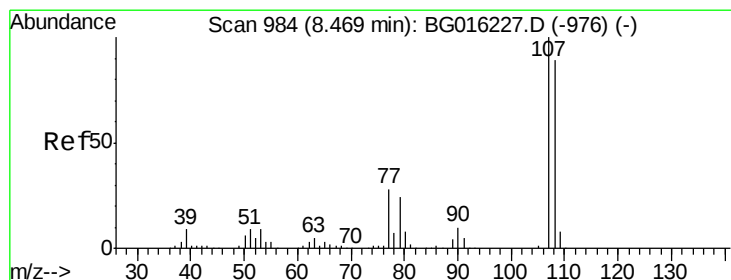
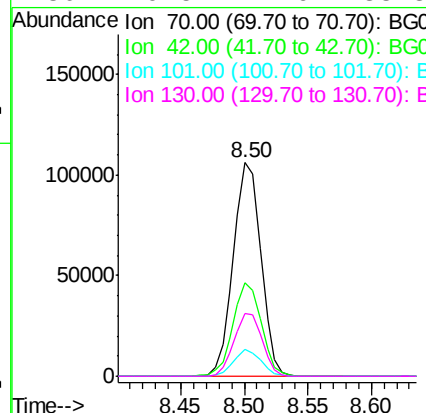
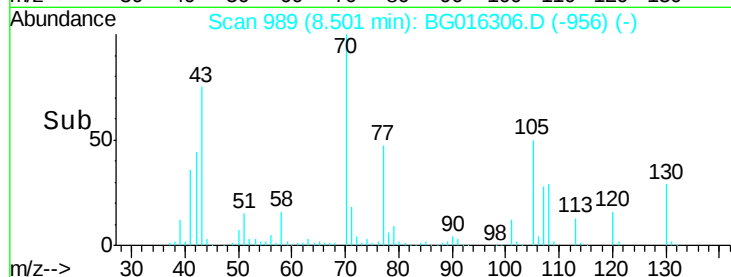
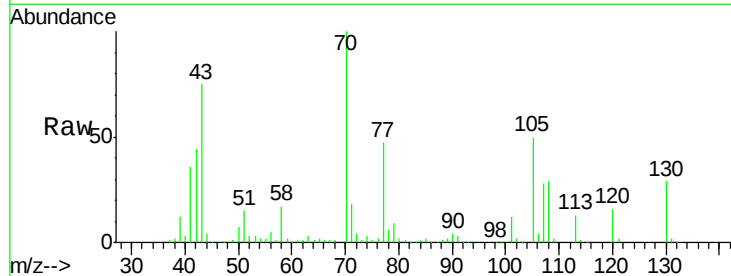




#19
n-Nitroso-di-n-propylamine
Concen: 27.85 ng
RT: 8.50 min Scan# 989
Delta R.T. -0.00 min
Lab File: BG016306.D
Acq: 10 Apr 2015 2:02

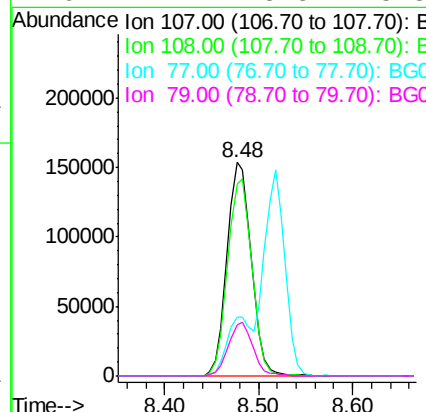
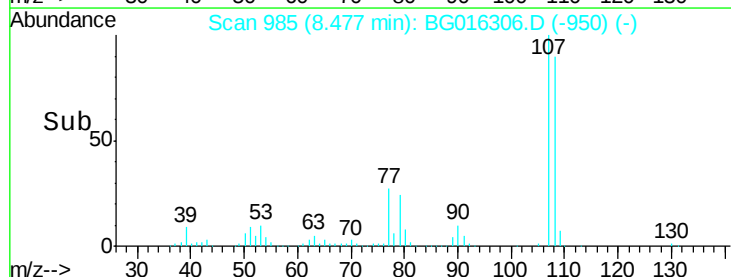
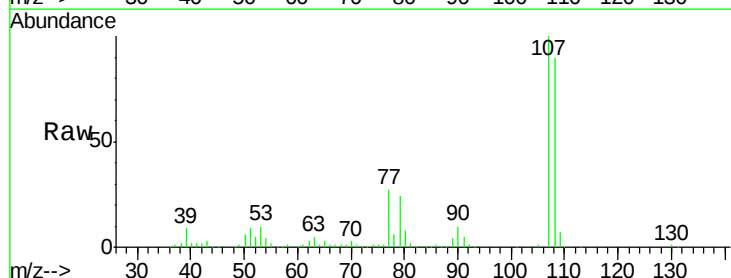
Instrument :
BNA_G
ClientSampleId :
PB82620BS

Tgt Ion:	70	Resp:	159750
Ion	Ratio	Lower	Upper
70	100		
42	44.0	34.7	52.1
101	12.4	9.2	13.8
130	29.5	22.6	33.8



#20
3+4-Methylphenols
Concen: 34.93 ng
RT: 8.48 min Scan# 985
Delta R.T. 0.01 min
Lab File: BG016306.D
Acq: 10 Apr 2015 2:02

Tgt Ion:	107	Resp:	277899
Ion	Ratio	Lower	Upper
107	100		
108	89.9	69.5	109.5
77	27.4	8.2	48.2
79	24.2	3.8	43.8

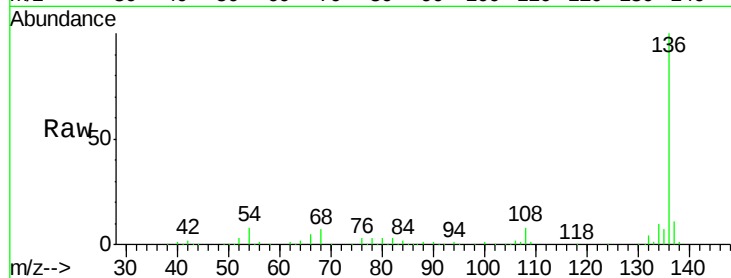




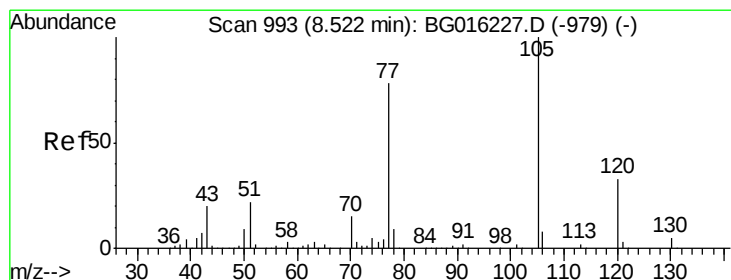
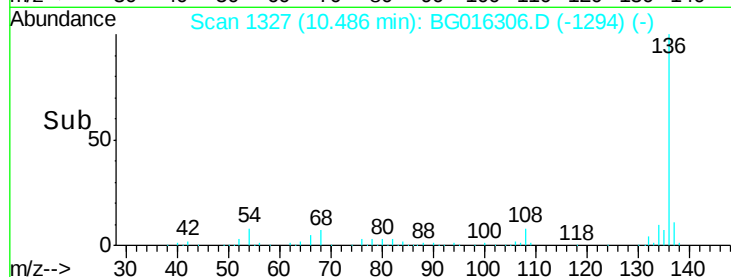
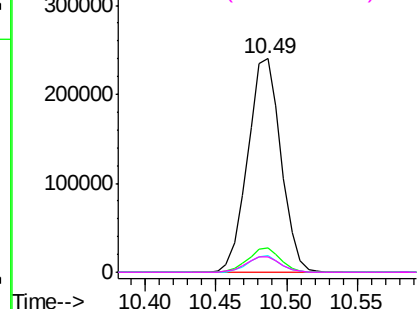
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.49 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BG016306.D
Acq: 10 Apr 2015 2:02

Instrument :
BNA_G
ClientSampleId :
PB82620BS

Tgt Ion:	136	Resp:	395550
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	7.7	6.3	9.5
68	7.4	6.5	9.7

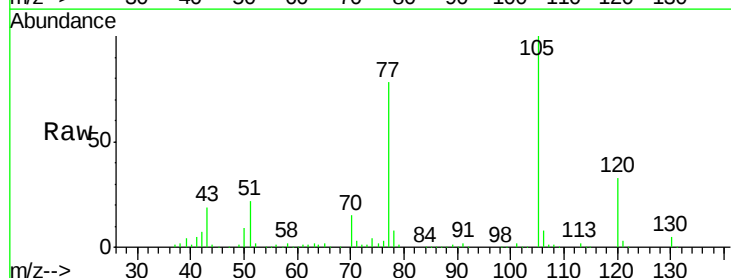


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

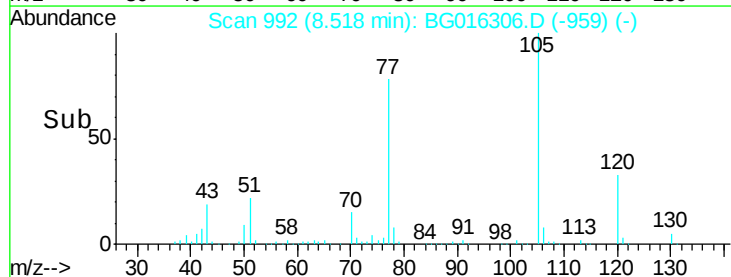
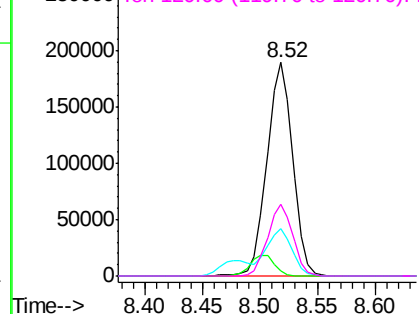


#22
Acetophenone
Concen: 32.20 ng
RT: 8.52 min Scan# 992
Delta R.T. -0.00 min
Lab File: BG016306.D
Acq: 10 Apr 2015 2:02

Tgt Ion:	105	Resp:	295319
Ion	Ratio	Lower	Upper
105	100		
71	2.5	2.0	3.0
51	22.4	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

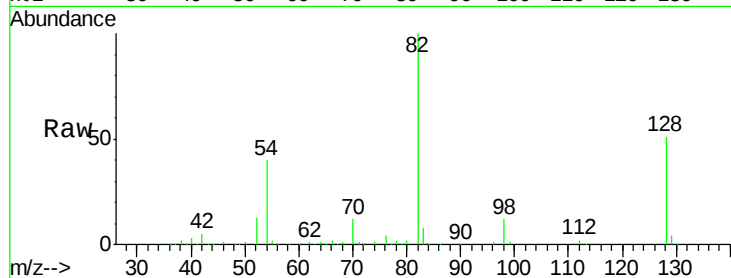




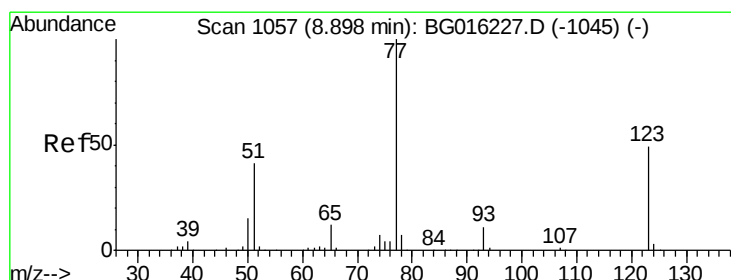
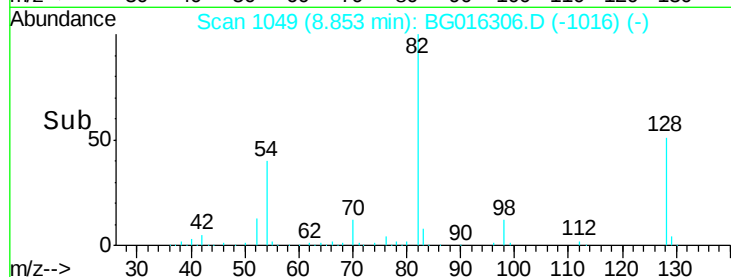
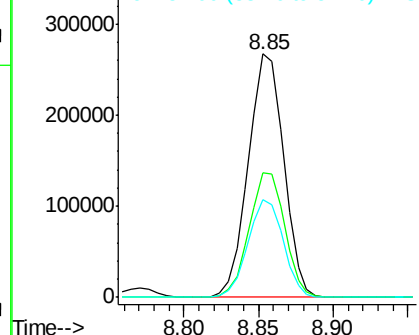
#23
 Nitrobenzene-d5
 Concen: 64.33 ng
 RT: 8.85 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BG016306.D
 Acq: 10 Apr 2015 2:02

Instrument :
 BNA_G
 ClientSampleId :
 PB82620BS

Tgt Ion: 82 Resp: 439248
 Ion Ratio Lower Upper
 82 100
 128 51.2 37.8 56.8
 54 40.1 32.6 49.0

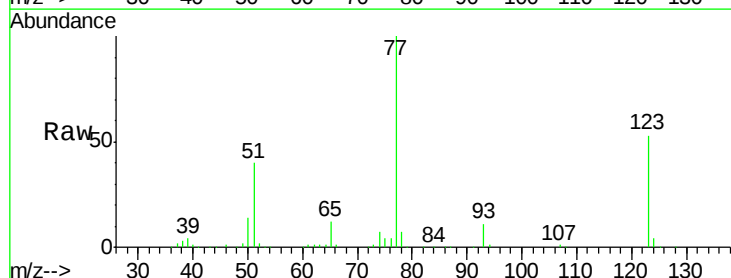


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

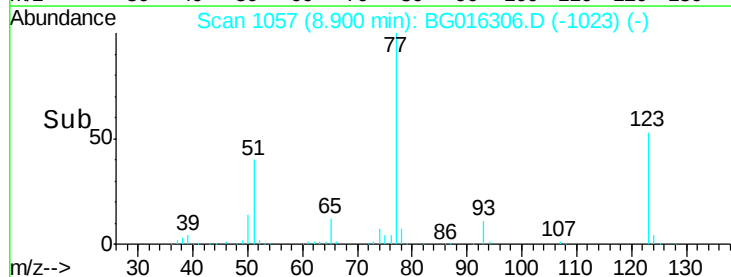
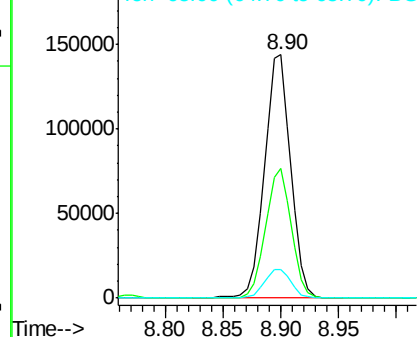


#24
 Nitrobenzene
 Concen: 31.14 ng
 RT: 8.90 min Scan# 1057
 Delta R.T. 0.00 min
 Lab File: BG016306.D
 Acq: 10 Apr 2015 2:02

Tgt Ion: 77 Resp: 227349
 Ion Ratio Lower Upper
 77 100
 123 53.0 38.8 58.2
 65 12.0 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: 28.81 ng

RT: 9.42 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BG016306.D

Acq: 10 Apr 2015 2:02

Instrument :

BNA_G

ClientSampleId :

PB82620BS

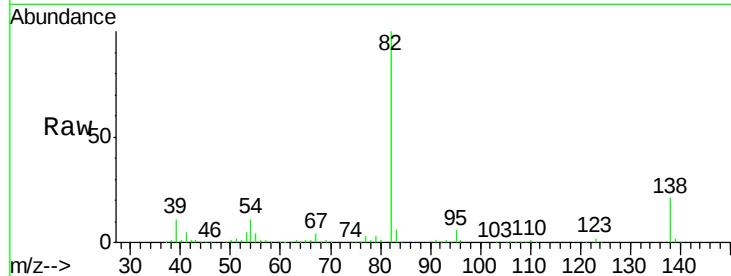
Tgt Ion: 82 Resp: 436874

Ion Ratio Lower Upper

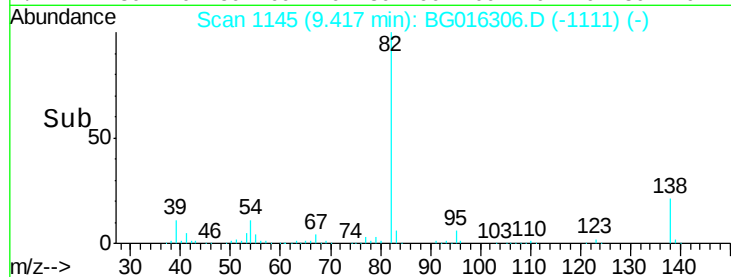
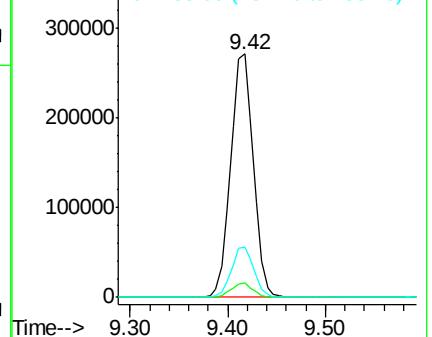
82 100

95 5.8 5.0 7.6

138 20.8 16.2 24.2



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



#26

2-Nitrophenol

Concen: 36.75 ng

RT: 9.61 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BG016306.D

Acq: 10 Apr 2015 2:02

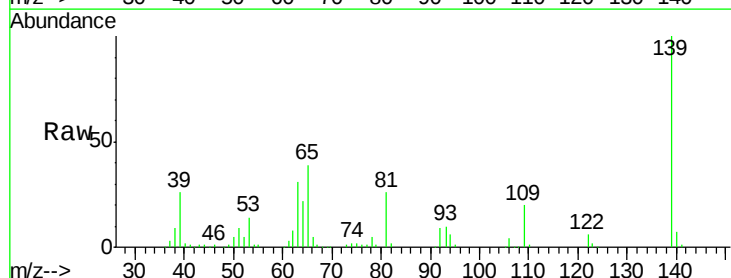
Tgt Ion: 139 Resp: 125128

Ion Ratio Lower Upper

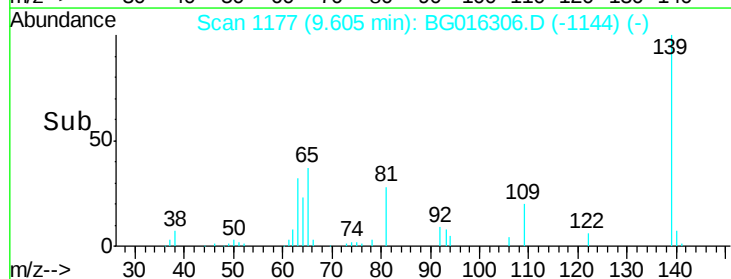
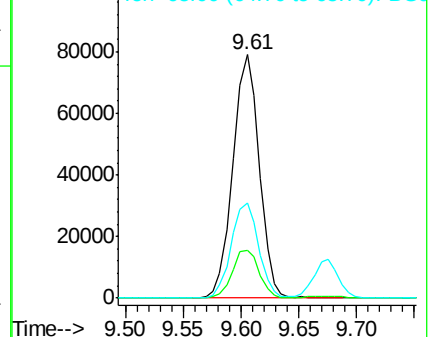
139 100

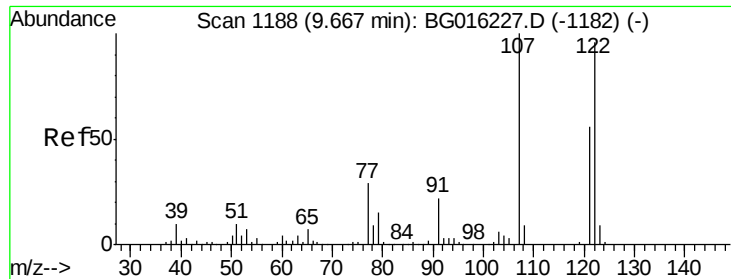
109 19.8 15.9 23.9

65 38.9 32.9 49.3



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

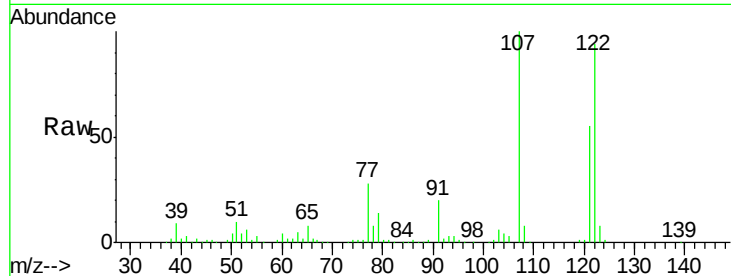




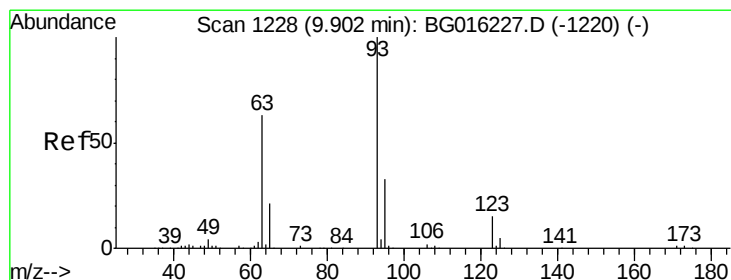
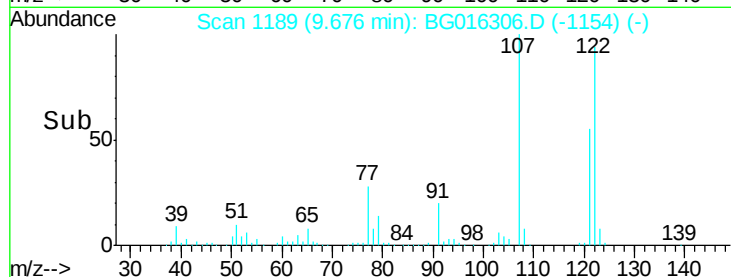
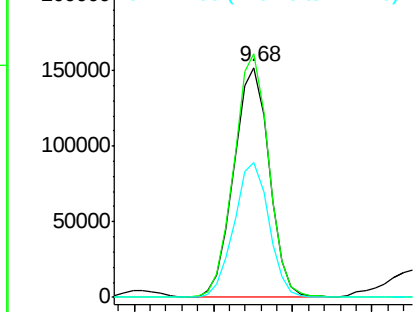
#27
 2,4-Dimethylphenol
 Concen: 37.16 ng
 RT: 9.68 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BG016306.D
 Acq: 10 Apr 2015 2:02

Instrument :
 BNA_G
 ClientSampleId :
 PB82620BS

Tgt Ion:122 Resp: 235696
 Ion Ratio Lower Upper
 122 100
 107 106.0 83.4 125.2
 121 58.7 46.2 69.4

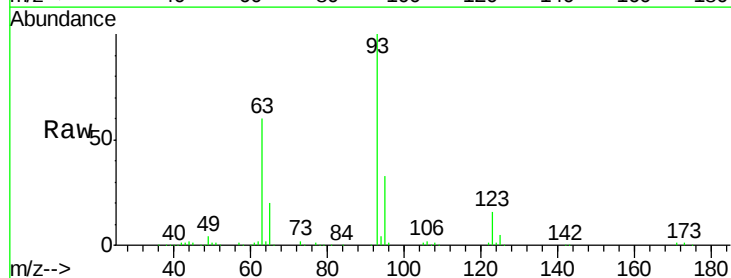


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

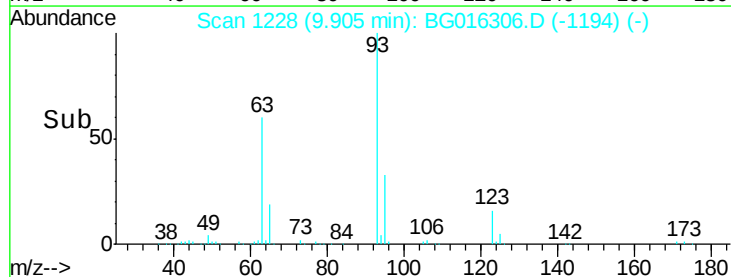
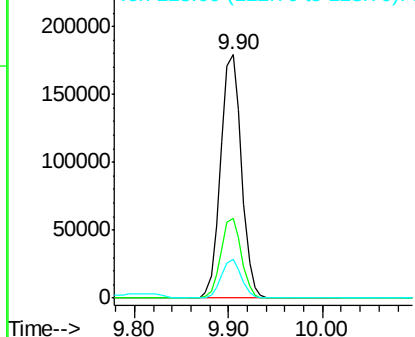


#28
 bis(2-Chloroethoxy)methane
 Concen: 32.02 ng
 RT: 9.90 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BG016306.D
 Acq: 10 Apr 2015 2:02

Tgt Ion: 93 Resp: 277154
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.1 39.1
 123 16.2 11.8 17.8



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

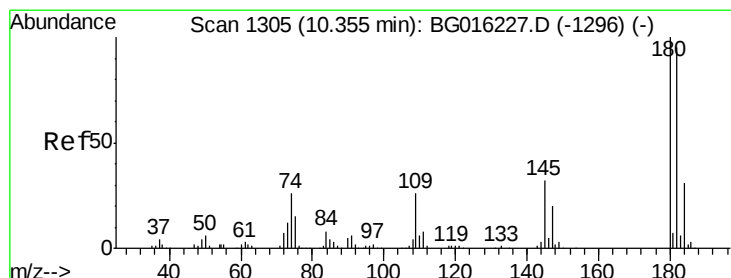
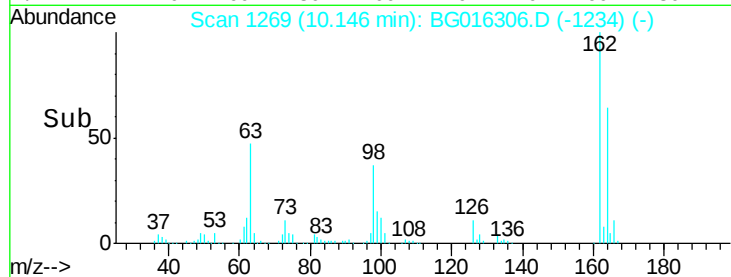
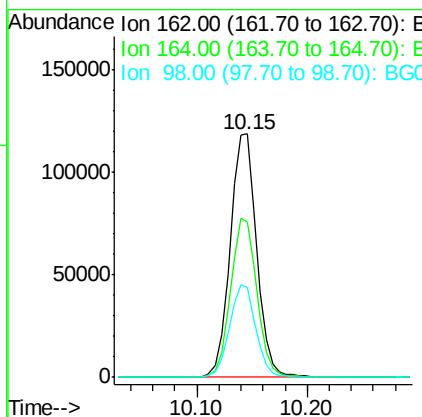
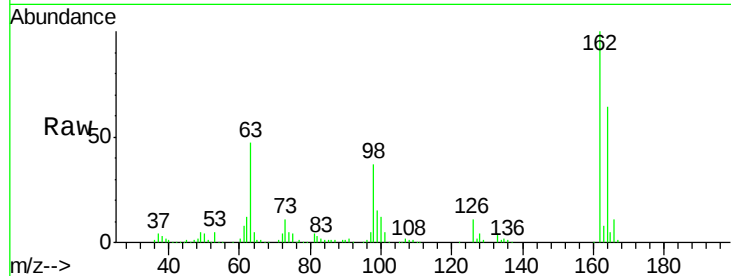




#29
 2,4-Dichlorophenol
 Concen: 39.79 ng
 RT: 10.15 min Scan# 1269
 Delta R.T. 0.01 min
 Lab File: BG016306.D
 Acq: 10 Apr 2015 2:02

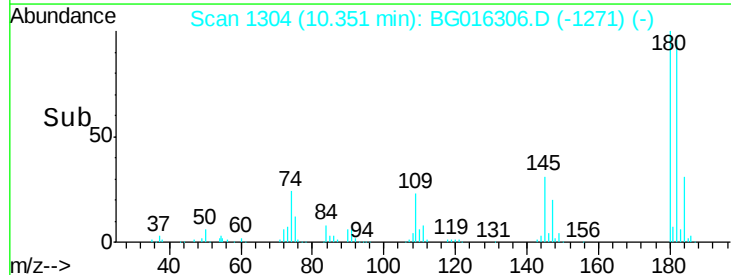
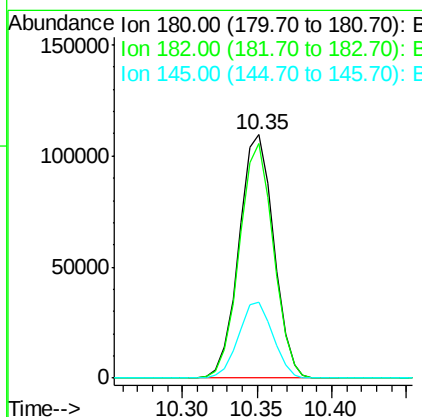
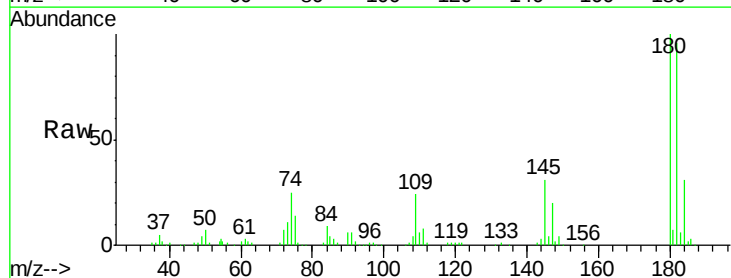
Instrument :
 BNA_G
 ClientSampleId :
 PB82620BS

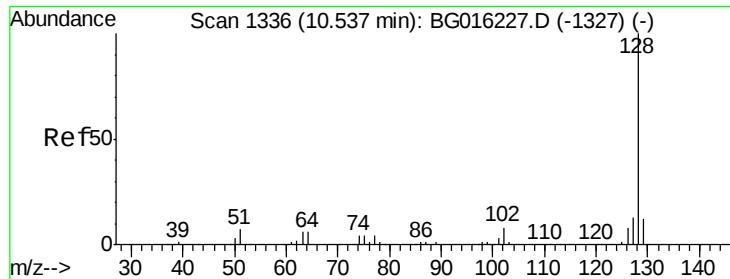
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	199666		
164	63.7	45.0	85.0	
98	37.2	19.1	59.1	



#30
 1,2,4-Trichlorobenzene
 Concen: 33.69 ng
 RT: 10.35 min Scan# 1304
 Delta R.T. -0.00 min
 Lab File: BG016306.D
 Acq: 10 Apr 2015 2:02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	176529		
182	96.2	76.3	114.5	
145	31.4	25.2	37.8	

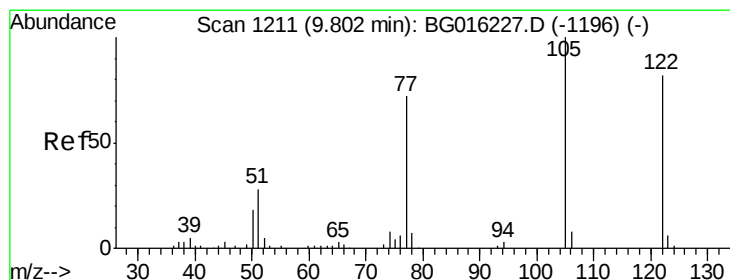
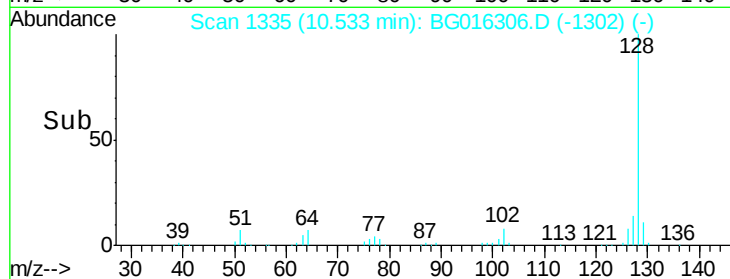
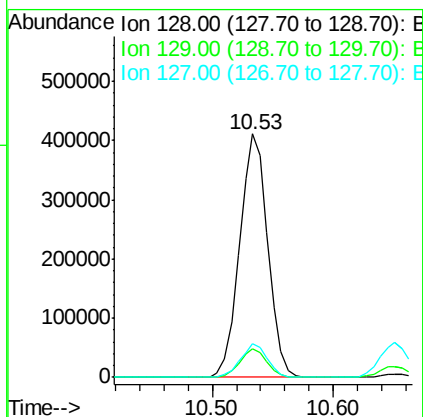
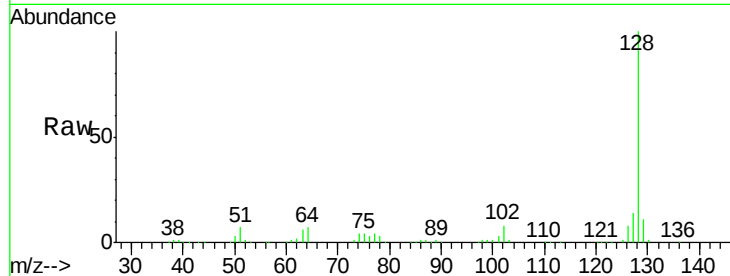




#31
Naphthalene
Concen: 32.19 ng
RT: 10.53 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG016306.D
Acq: 10 Apr 2015 2:02

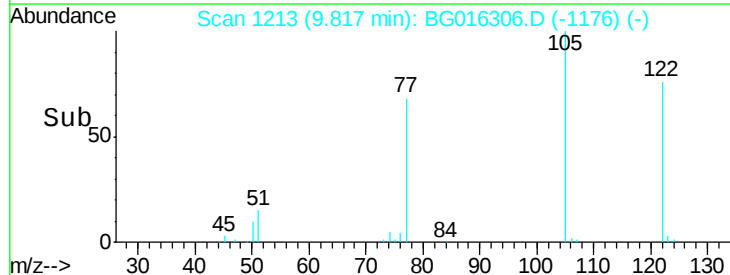
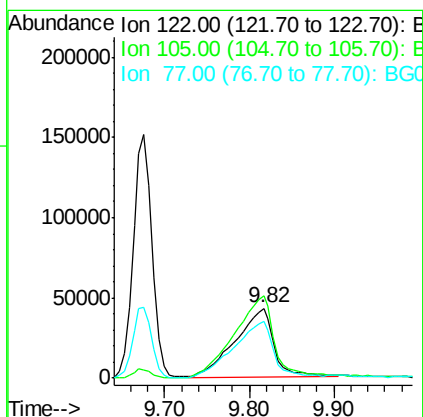
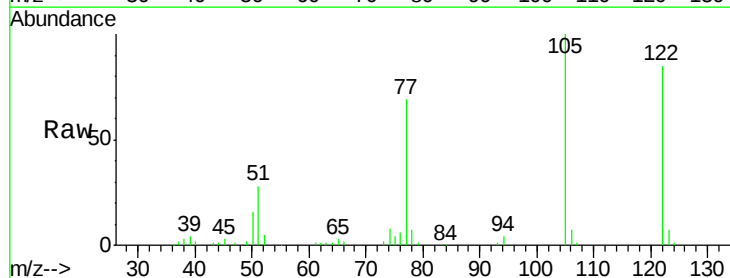
Instrument :
BNA_G
ClientSampleId :
PB82620BS

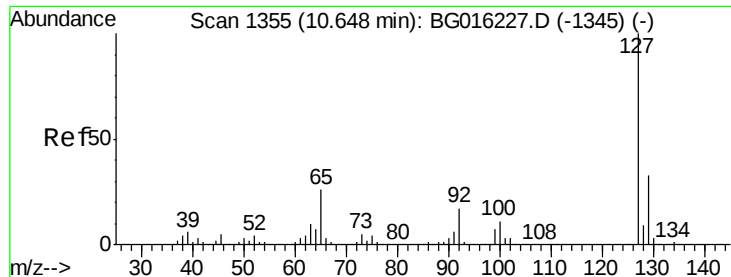
Tgt Ion:128 Resp: 663455
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 14.0 10.6 16.0



#32
Benzoic acid
Concen: 36.03 ng
RT: 9.82 min Scan# 1213
Delta R.T. 0.01 min
Lab File: BG016306.D
Acq: 10 Apr 2015 2:02

Tgt Ion:122 Resp: 138060
Ion Ratio Lower Upper
122 100
105 117.6 99.7 139.7
77 81.7 66.8 106.8

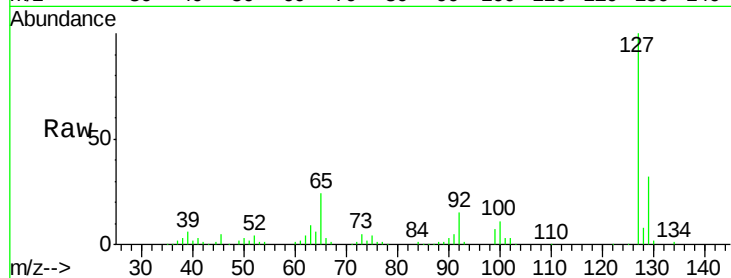




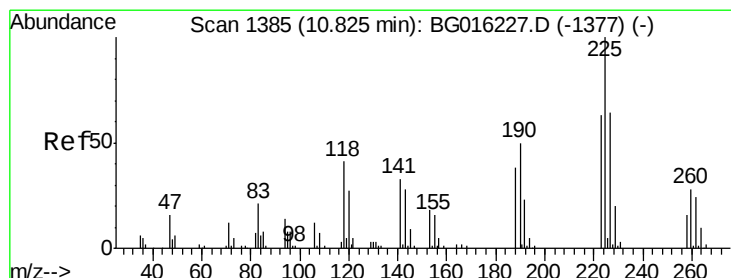
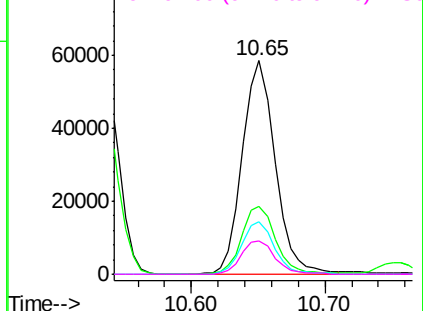
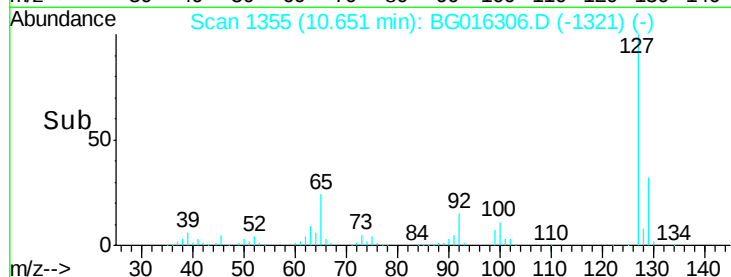
#33
4-Chloroaniline
Concen: 10.32 ng
RT: 10.65 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG016306.D
Acq: 10 Apr 2015 2:02

Instrument :
BNA_G
ClientSampled :
PB82620BS

Tgt Ion:	127	Resp:	99807
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.1	39.1
65	24.4	21.2	31.8
92	15.3	13.8	20.6

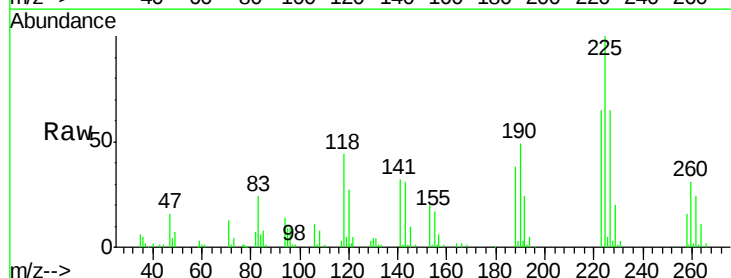


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

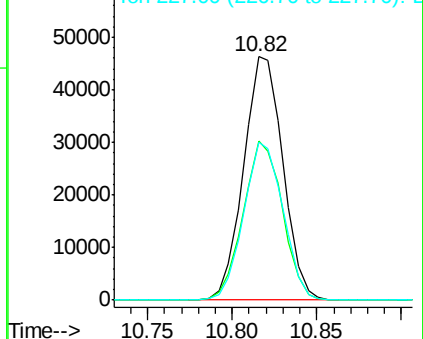
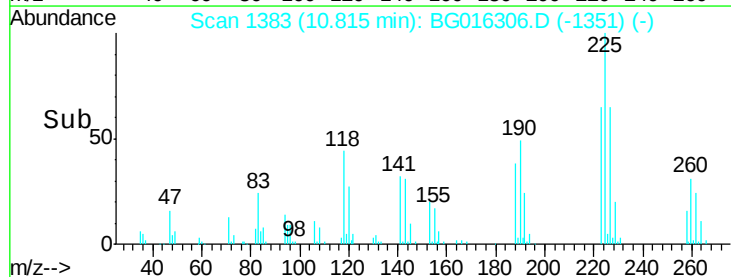


#34
Hexachlorobutadiene
Concen: 32.50 ng
RT: 10.82 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BG016306.D
Acq: 10 Apr 2015 2:02

Tgt Ion:	225	Resp:	74789
Ion	Ratio	Lower	Upper
225	100		
223	65.5	50.4	75.6
227	64.7	51.2	76.8



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





#35

Caprolactam

Concen: 25.53 ng

RT: 11.42 min Scan# 1486

Delta R.T. 0.01 min

Lab File: BG016306.D

Acq: 10 Apr 2015 2:02

Instrument :

BNA_G

ClientSampleId :

PB82620BS

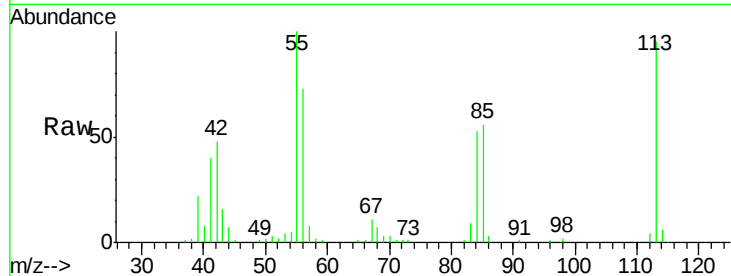
Tgt Ion:113 Resp: 80667

Ion Ratio Lower Upper

113 100

55 104.8 92.4 132.4

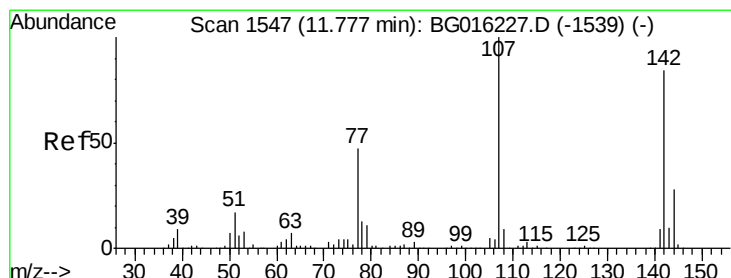
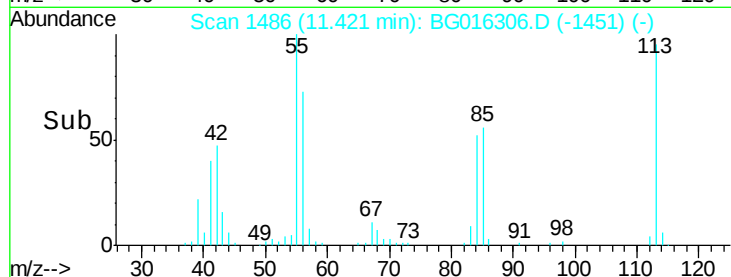
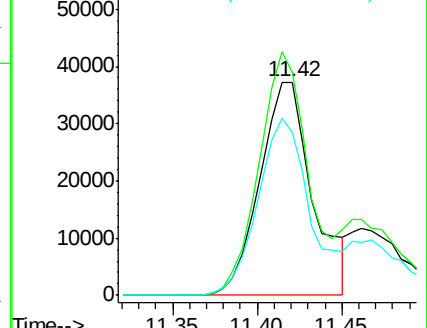
56 76.2 63.2 103.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 36.94 ng

RT: 11.79 min Scan# 1549

Delta R.T. 0.01 min

Lab File: BG016306.D

Acq: 10 Apr 2015 2:02

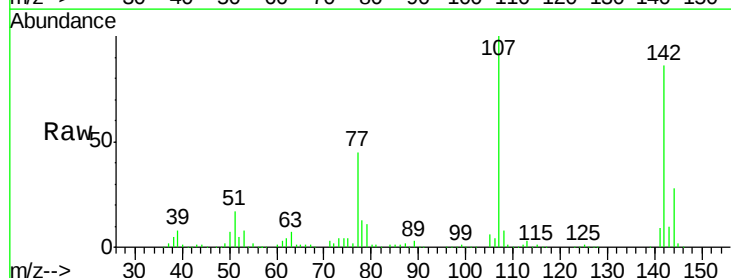
Tgt Ion:107 Resp: 244920

Ion Ratio Lower Upper

107 100

144 28.3 22.0 33.0

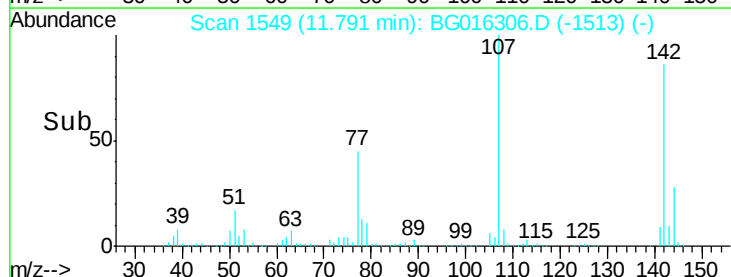
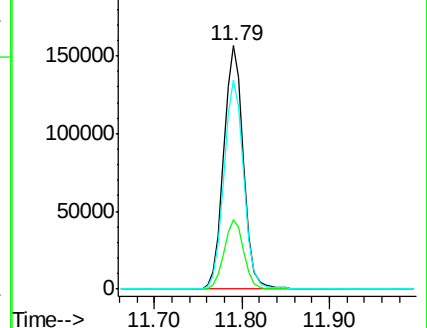
142 85.8 67.0 100.6

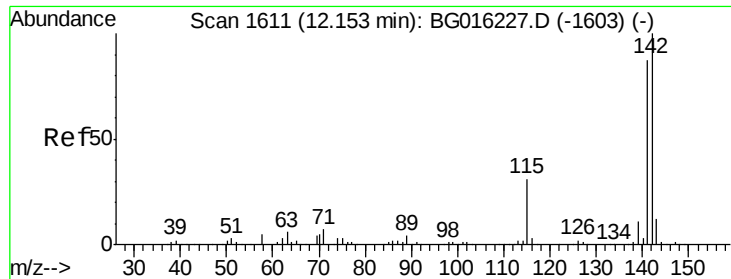


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

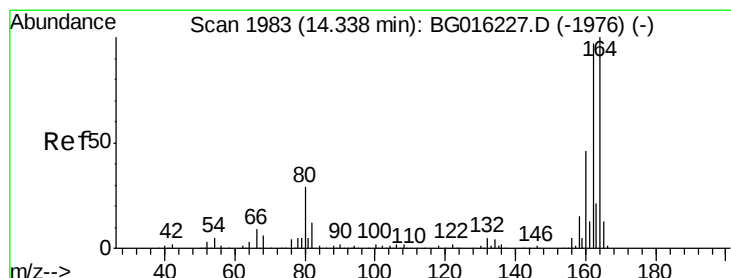
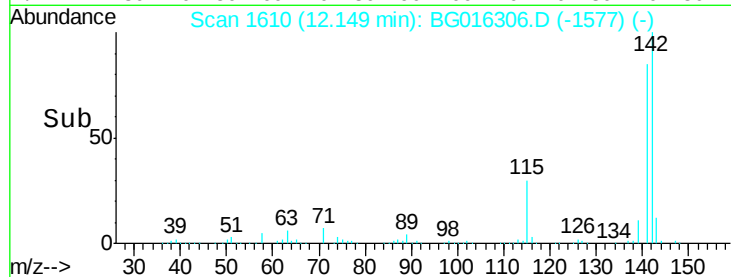
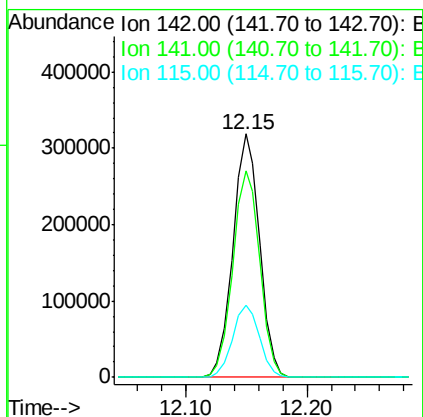
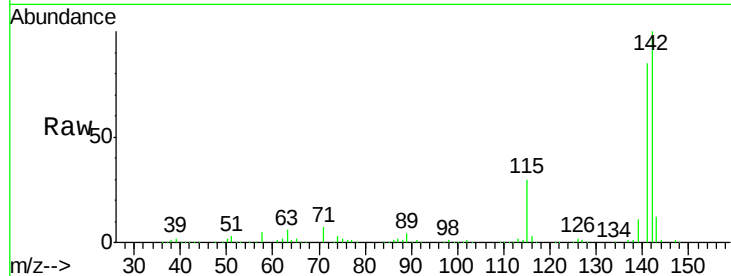




#37
2-Methylnaphthalene
Concen: 32.94 ng
RT: 12.15 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BG016306.D
Acq: 10 Apr 2015 2:02

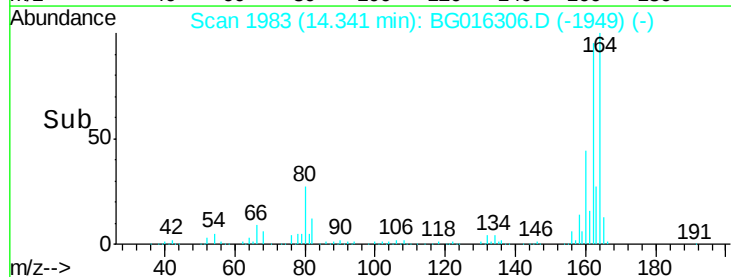
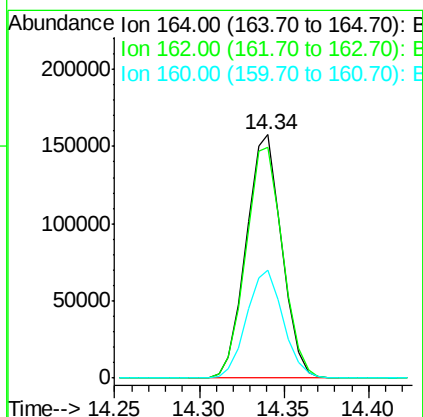
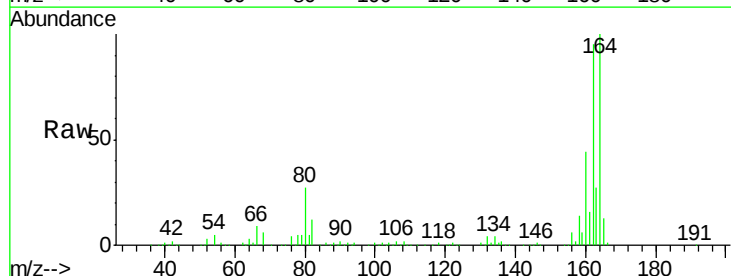
Instrument :
BNA_G
ClientSampleId :
PB82620BS

Tgt Ion:142 Resp: 488326
Ion Ratio Lower Upper
142 100
141 84.9 69.3 103.9
115 29.8 25.0 37.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.34 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG016306.D
Acq: 10 Apr 2015 2:02

Tgt Ion:164 Resp: 230399
Ion Ratio Lower Upper
164 100
162 95.0 77.3 115.9
160 44.2 36.7 55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.18 ng

RT: 12.53 min Scan# 1674

Delta R.T. 0.00 min

Lab File: BG016306.D

Acq: 10 Apr 2015 2:02

Instrument :

BNA_G

ClientSampleId :

PB82620BS

Tgt Ion:216 Resp: 168309

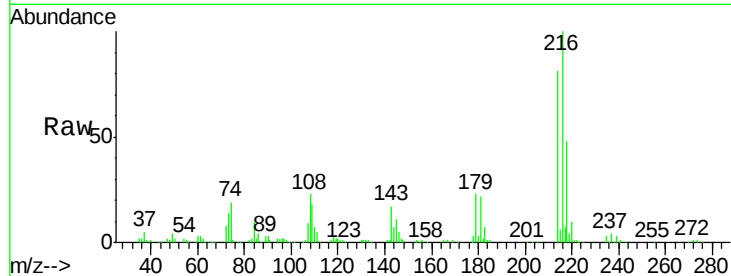
Ion Ratio Lower Upper

216 100

214 78.2 63.4 95.0

179 22.4 18.2 27.2

108 27.7 21.2 31.8

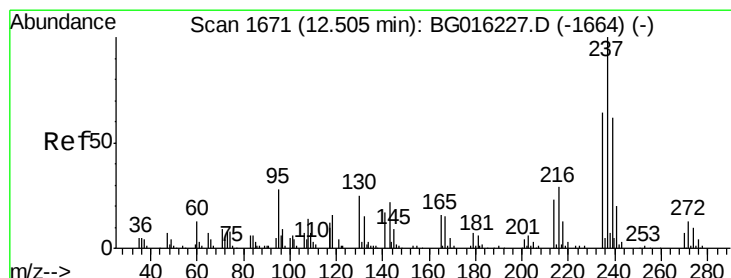
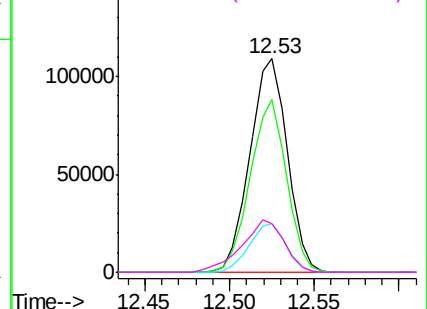
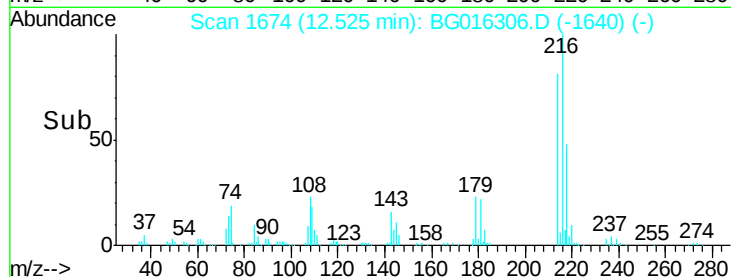


Abundance Ion 216.00 (215.70 to 216.70): E

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: 72.04 ng

RT: 12.50 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BG016306.D

Acq: 10 Apr 2015 2:02

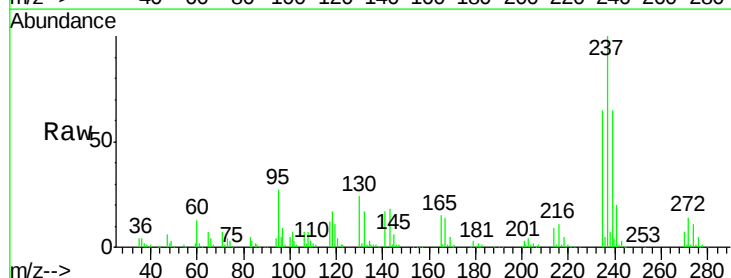
Tgt Ion:237 Resp: 167274

Ion Ratio Lower Upper

237 100

235 65.2 43.9 83.9

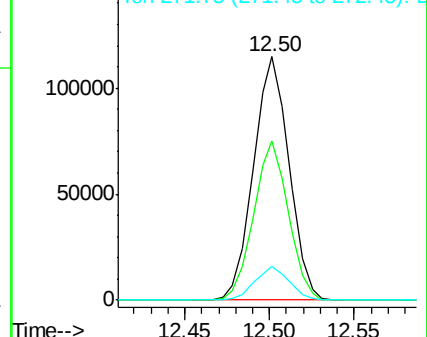
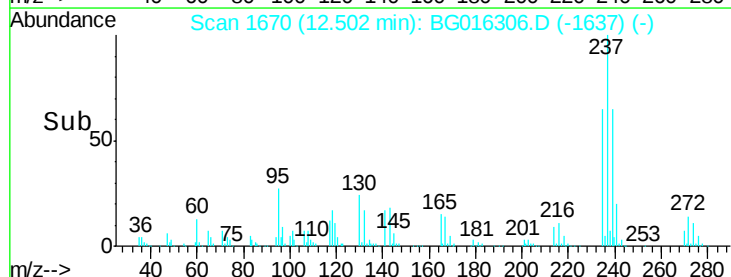
272 13.7 0.0 33.1

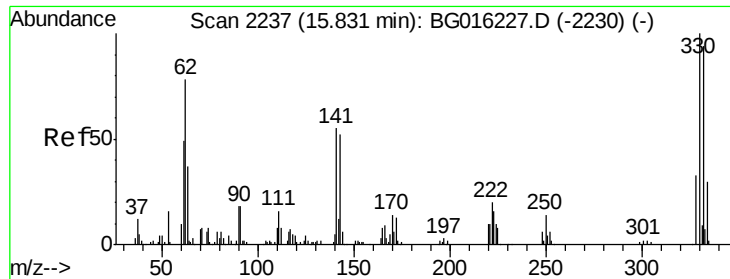


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

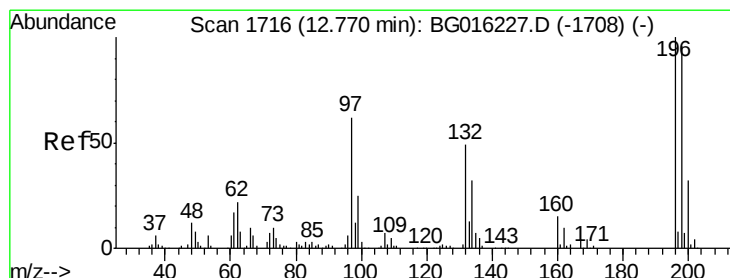
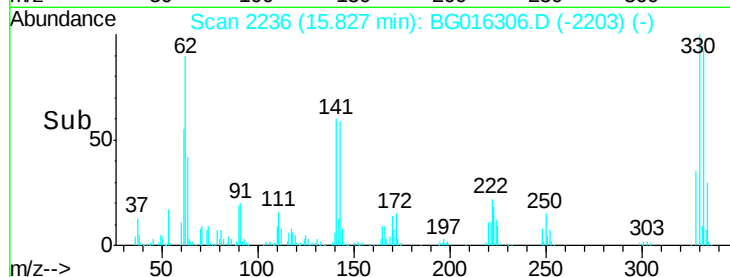
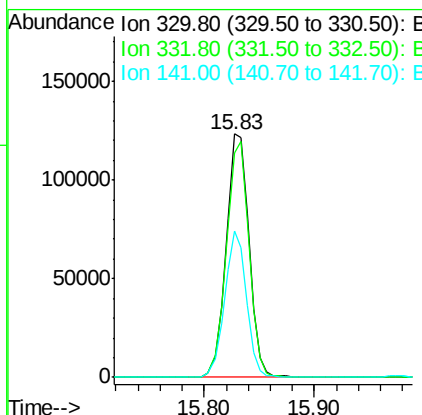
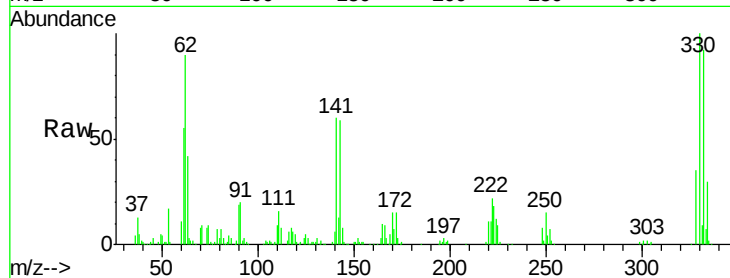




#41
 2,4,6-Tribromophenol
 Concen: 115.36 ng
 RT: 15.83 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: BG016306.D
 Acq: 10 Apr 2015 2:02

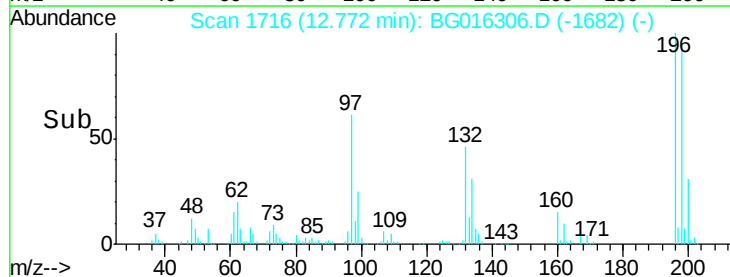
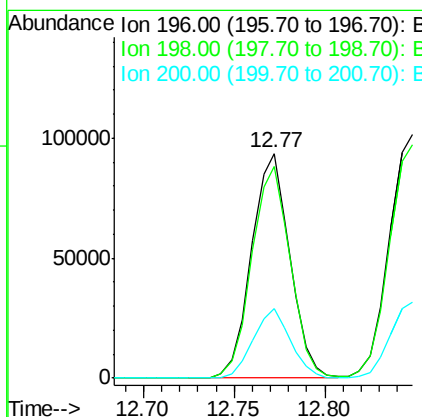
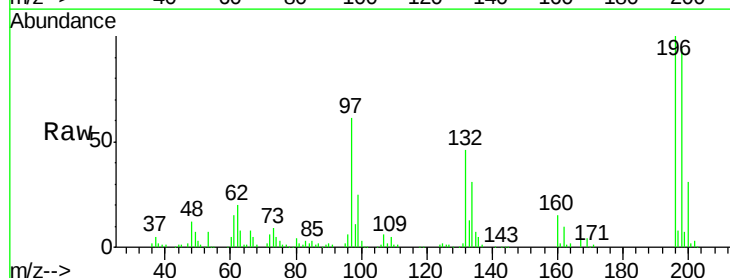
Instrument :
 BNA_G
 ClientSampleId :
 PB82620BS

Tgt Ion:330 Resp: 179754
 Ion Ratio Lower Upper
 330 100
 332 95.8 75.8 113.6
 141 56.8 46.6 69.8



#42
 2,4,6-Trichlorophenol
 Concen: 36.44 ng
 RT: 12.77 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG016306.D
 Acq: 10 Apr 2015 2:02

Tgt Ion:196 Resp: 137373
 Ion Ratio Lower Upper
 196 100
 198 94.1 77.2 115.8
 200 31.2 25.3 37.9

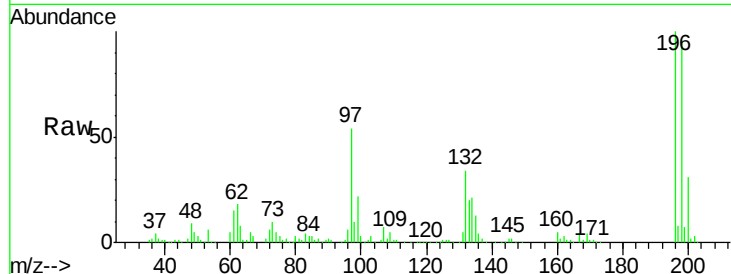




#43
 2,4,5-Trichlorophenol
 Concen: 38.98 ng
 RT: 12.85 min Scan# 1729
 Delta R.T. 0.01 min
 Lab File: BG016306.D
 Acq: 10 Apr 2015 2:02

Instrument :
 BNA_G
 ClientSampleId :
 PB82620BS

Tgt Ion	Resp	Lower	Upper
196	156997		
198	95.7	77.1	115.7
97	54.1	46.6	69.8
132	33.6	27.0	40.6



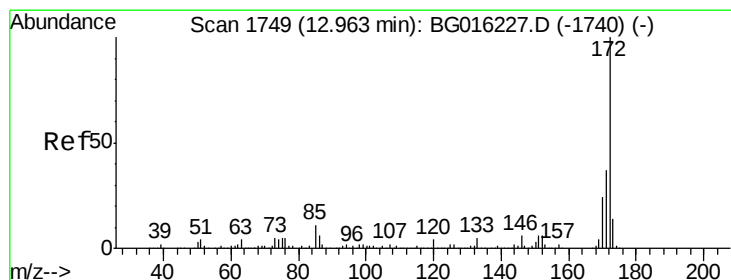
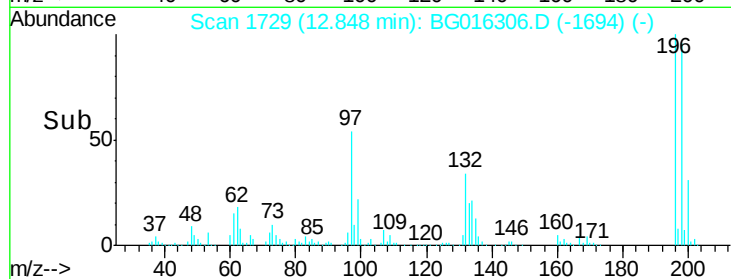
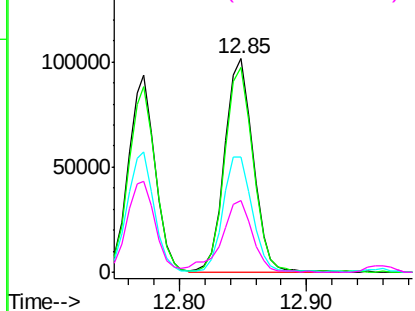
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

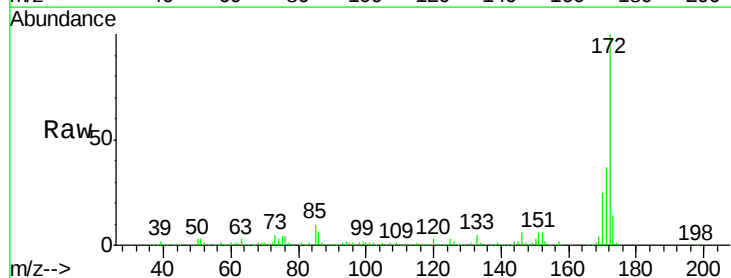
Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 68.79 ng
 RT: 12.96 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BG016306.D
 Acq: 10 Apr 2015 2:02

Tgt Ion	Resp	Lower	Upper
172	930898		
171	37.0	29.6	44.4
170	24.8	19.4	29.2

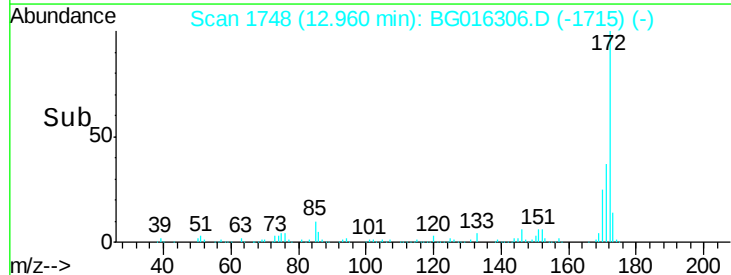
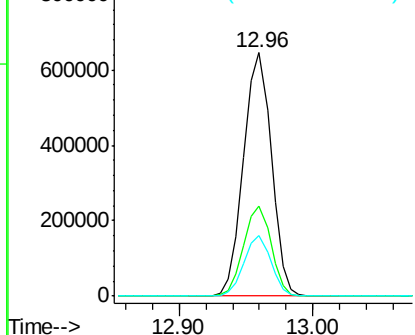


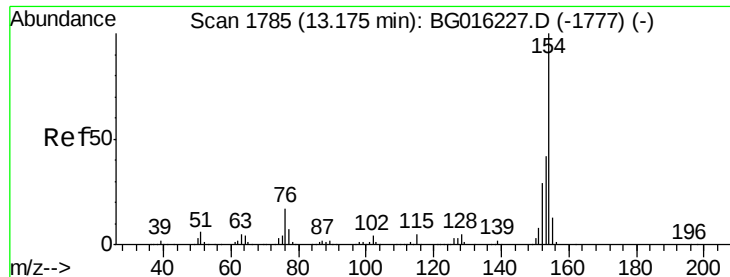
Abundance

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

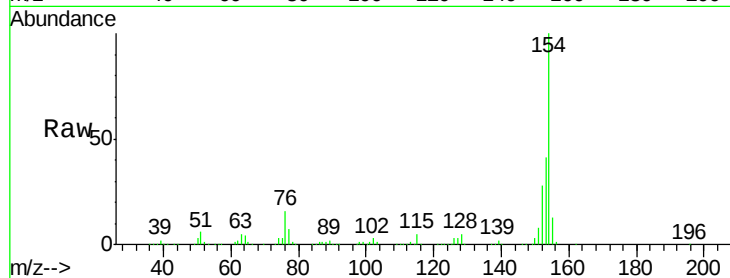




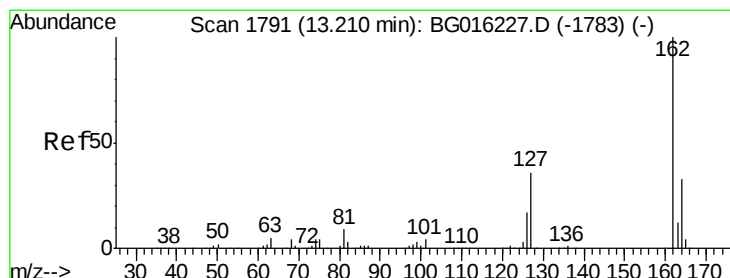
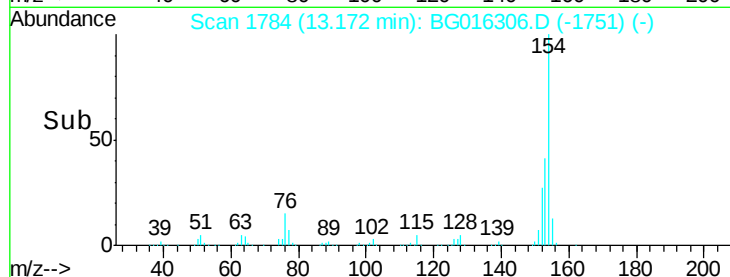
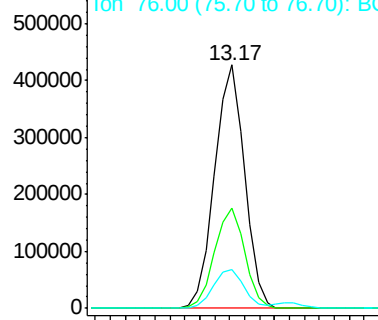
#45
 1,1'-Biphenyl
 Concen: 33.54 ng
 RT: 13.17 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: BG016306.D
 Acq: 10 Apr 2015 2:02

Instrument :
 BNA_G
 ClientSampled :
 PB82620BS

Tgt Ion:154 Resp: 592861
 Ion Ratio Lower Upper
 154 100
 153 41.3 22.4 62.4
 76 16.2 0.0 37.1

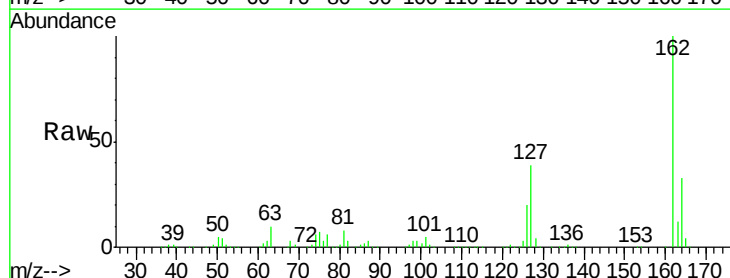


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

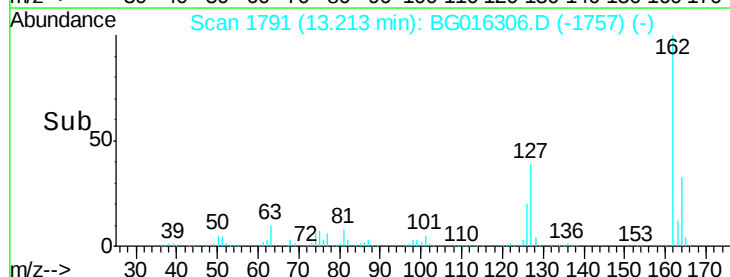
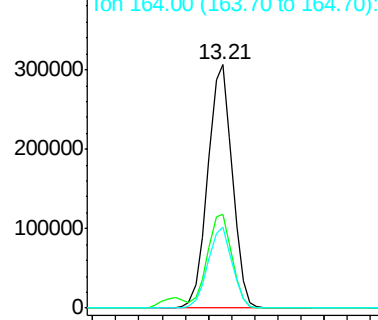


#46
 2-Chloronaphthalene
 Concen: 33.25 ng
 RT: 13.21 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BG016306.D
 Acq: 10 Apr 2015 2:02

Tgt Ion:162 Resp: 447611
 Ion Ratio Lower Upper
 162 100
 127 38.6 30.8 46.2
 164 33.4 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

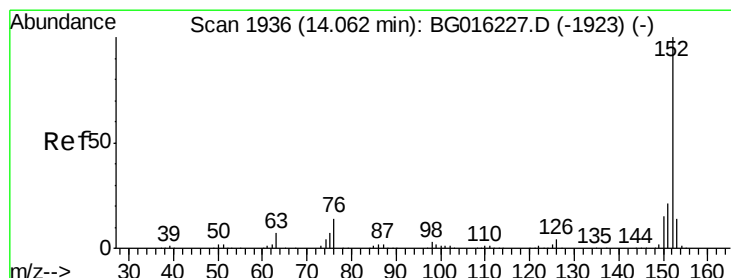
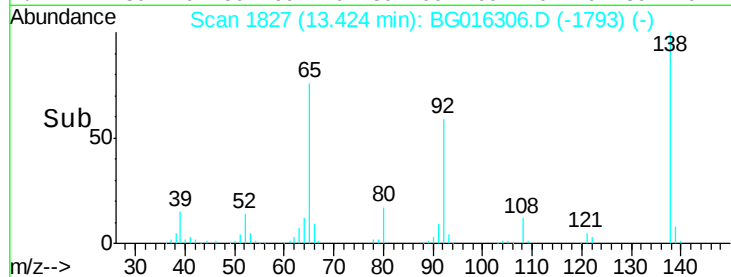
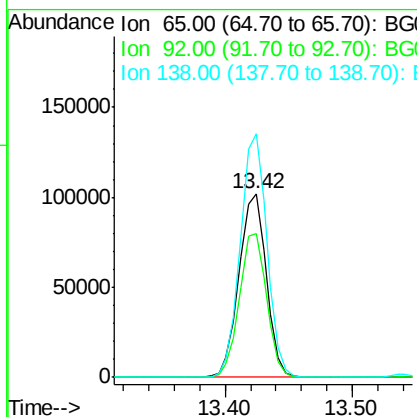
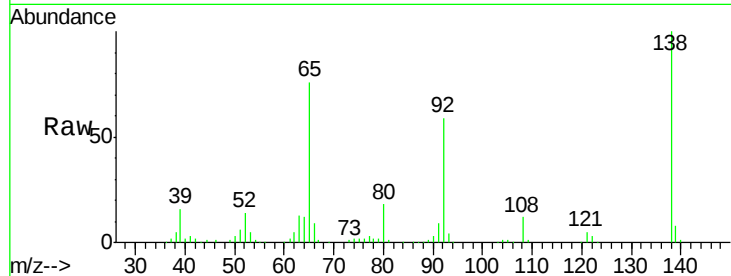




#47
 2-Nitroaniline
 Concen: 35.03 ng
 RT: 13.42 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BG016306.D
 Acq: 10 Apr 2015 2:02

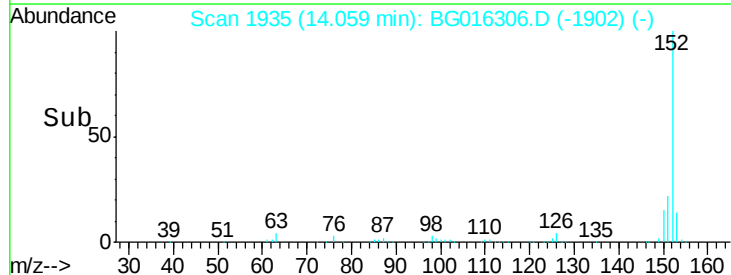
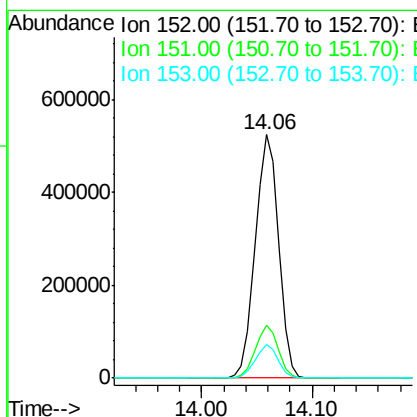
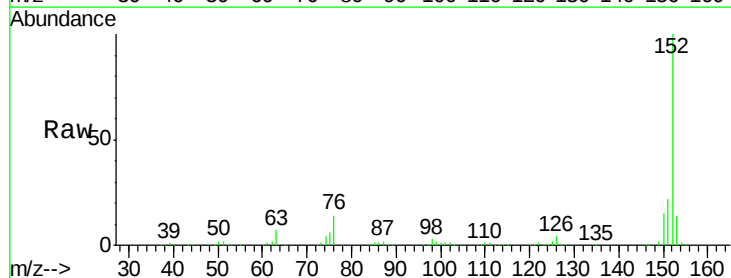
Instrument :
 BNA_G
 ClientSampleId :
 PB82620BS

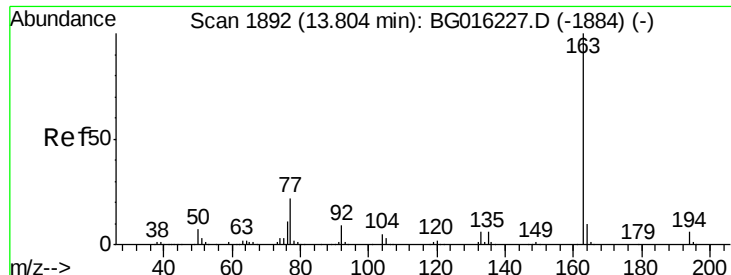
Tgt Ion: 65 Resp: 152006
 Ion Ratio Lower Upper
 65 100
 92 78.2 61.0 91.6
 138 132.4 98.7 148.1



#48
 Acenaphthylene
 Concen: 32.64 ng
 RT: 14.06 min Scan# 1935
 Delta R.T. -0.00 min
 Lab File: BG016306.D
 Acq: 10 Apr 2015 2:02

Tgt Ion: 152 Resp: 781468
 Ion Ratio Lower Upper
 152 100
 151 21.5 16.5 24.7
 153 13.6 11.1 16.7





#49

Dimethylphthalate

Concen: 32.26 ng

RT: 13.80 min Scan# 1891

Delta R.T. -0.00 min

Lab File: BG016306.D

Acq: 10 Apr 2015 2:02

Instrument :

BNA_G

ClientSampleId :

PB82620BS

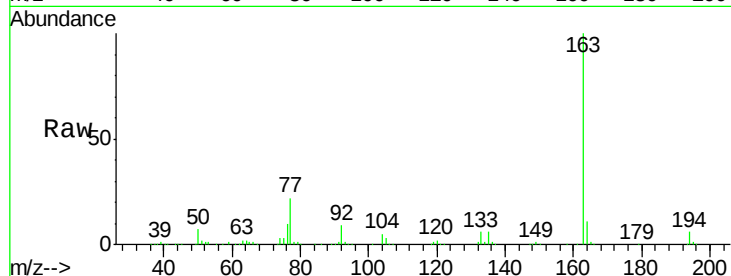
Tgt Ion:163 Resp: 544786

Ion Ratio Lower Upper

163 100

194 6.2 5.0 7.4

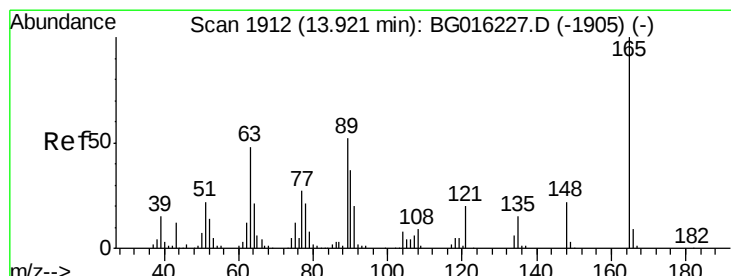
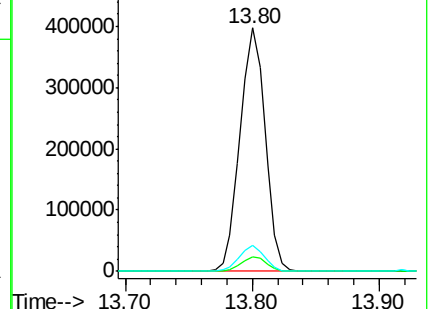
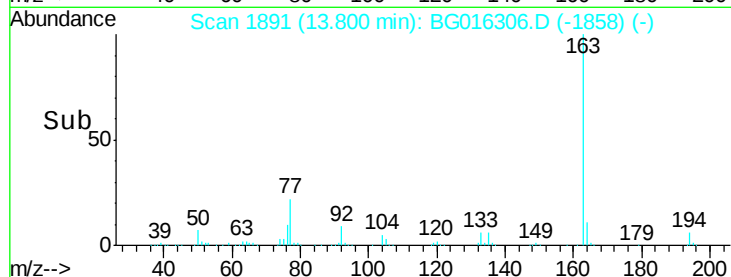
164 10.8 8.2 12.4



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: 34.78 ng

RT: 13.92 min Scan# 1912

Delta R.T. 0.00 min

Lab File: BG016306.D

Acq: 10 Apr 2015 2:02

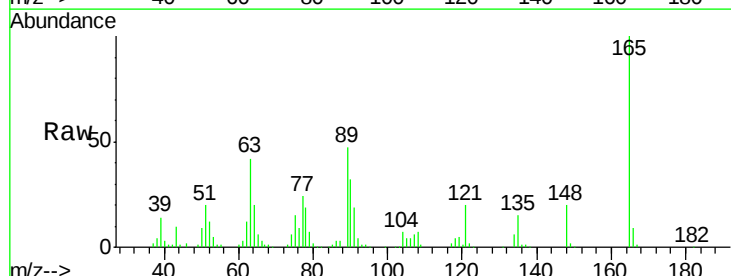
Tgt Ion:165 Resp: 142051

Ion Ratio Lower Upper

165 100

63 42.4 39.3 58.9

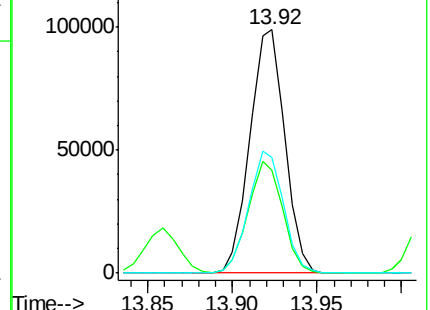
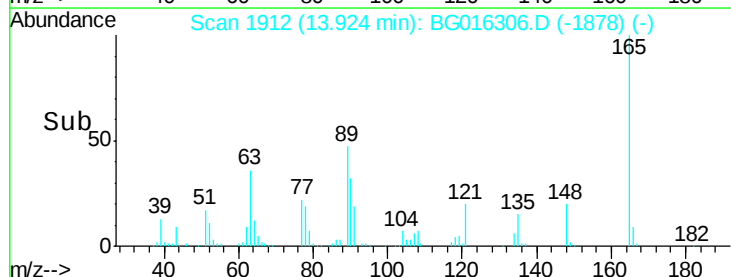
89 47.5 41.3 61.9



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 33.15 ng

RT: 14.40 min Scan# 1993

Delta R.T. -0.00 min

Lab File: BG016306.D

Acq: 10 Apr 2015 2:02

Instrument :

BNA_G

ClientSampleId :

PB82620BS

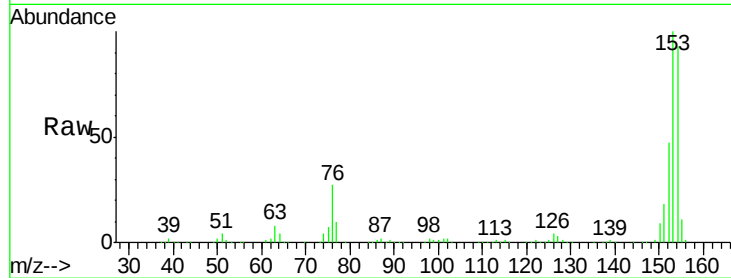
Tgt Ion:154 Resp: 474317

Ion Ratio Lower Upper

154 100

153 107.6 87.5 131.3

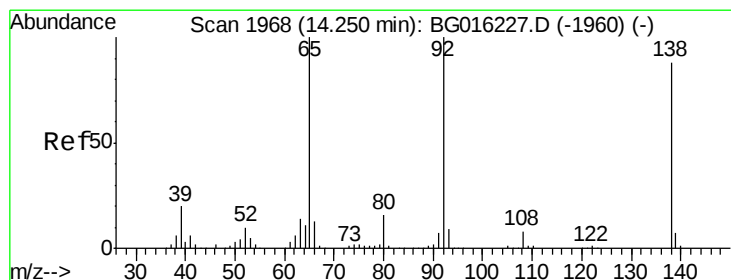
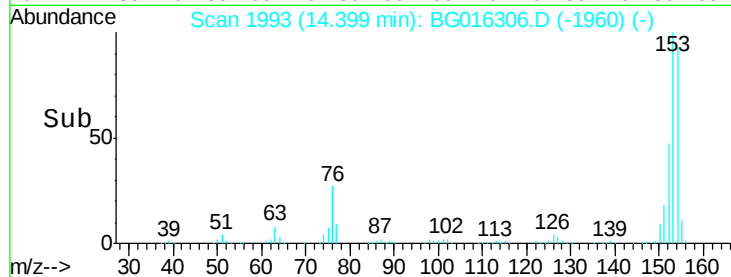
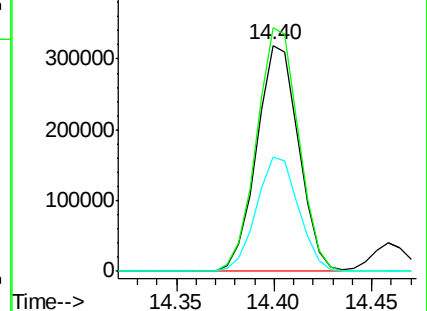
152 50.8 42.1 63.1



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: 21.79 ng

RT: 14.25 min Scan# 1968

Delta R.T. 0.00 min

Lab File: BG016306.D

Acq: 10 Apr 2015 2:02

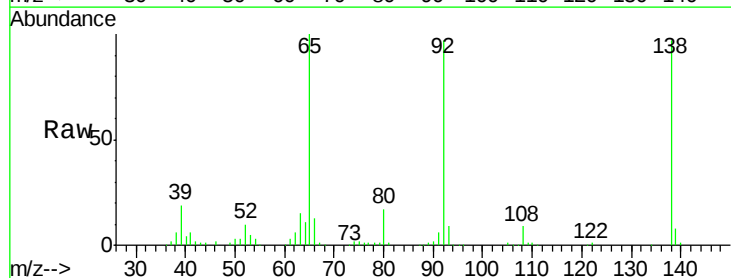
Tgt Ion:138 Resp: 113632

Ion Ratio Lower Upper

138 100

108 9.7 7.4 11.0

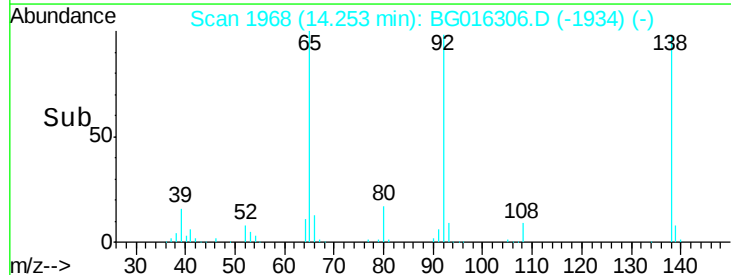
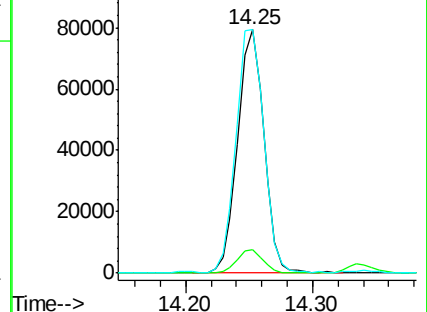
92 100.1 91.4 137.0

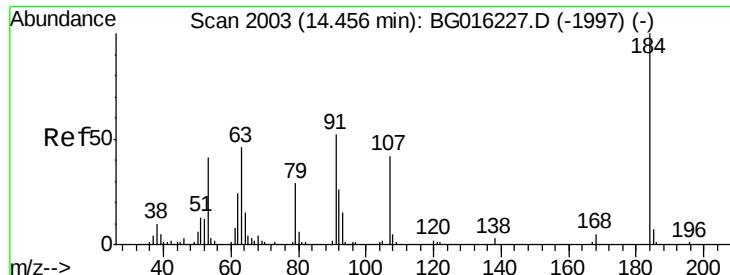


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

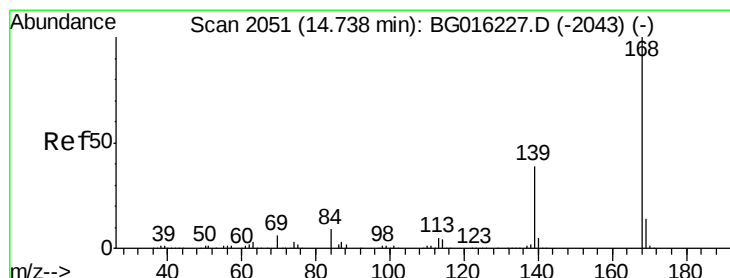
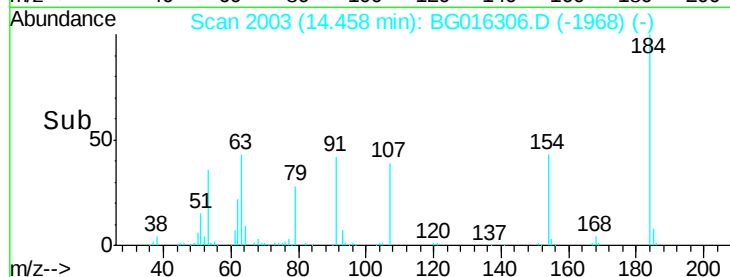
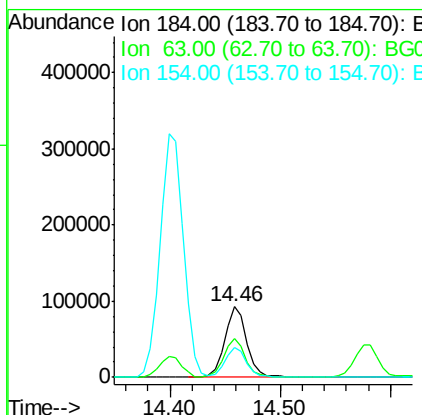
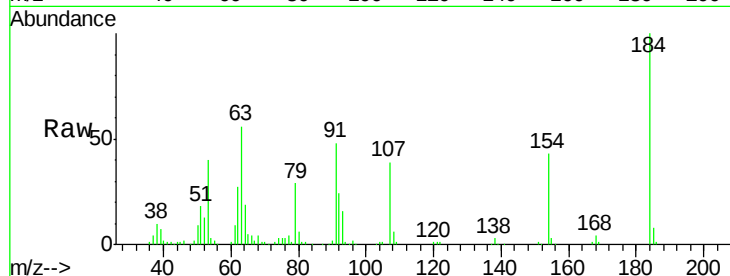




#53
2,4-Dinitrophenol
Concen: 57.48 ng
RT: 14.46 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG016306.D
Acq: 10 Apr 2015 2:02

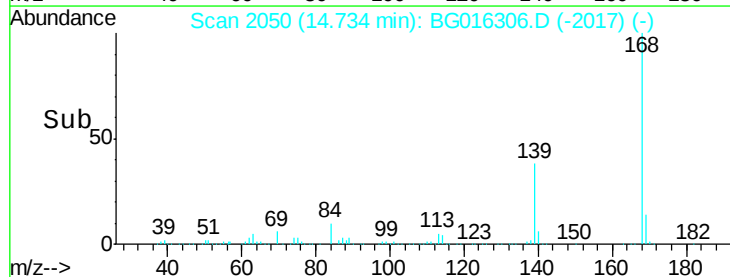
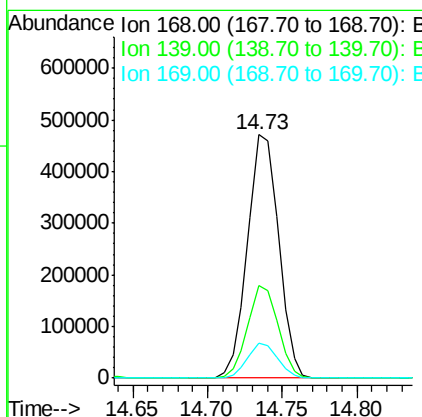
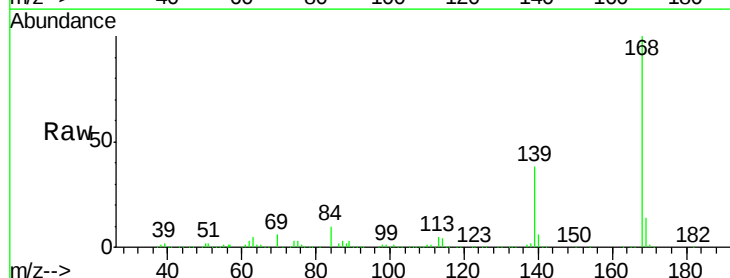
Instrument :
BNA_G
ClientSampleId :
PB82620BS

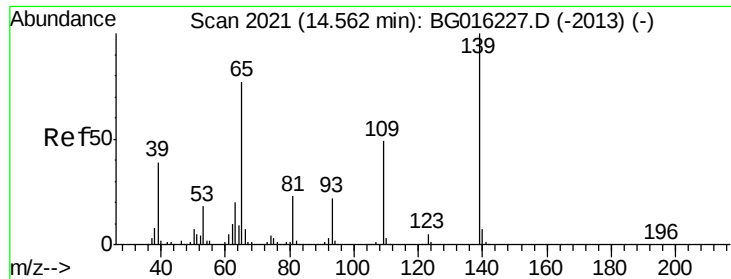
Tgt Ion:184 Resp: 129717
Ion Ratio Lower Upper
184 100
63 55.6 45.8 68.6
154 43.0 34.5 51.7



#54
Dibenzofuran
Concen: 34.24 ng
RT: 14.73 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BG016306.D
Acq: 10 Apr 2015 2:02

Tgt Ion:168 Resp: 679679
Ion Ratio Lower Upper
168 100
139 38.2 31.0 46.6
169 14.2 11.2 16.8

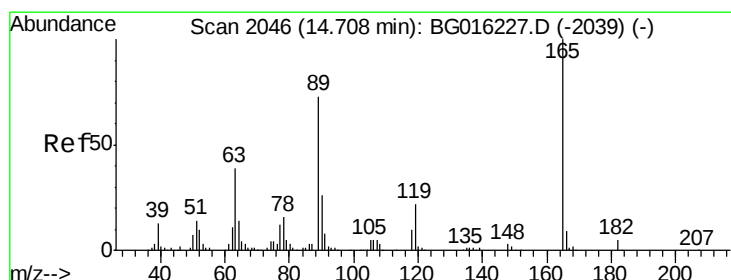
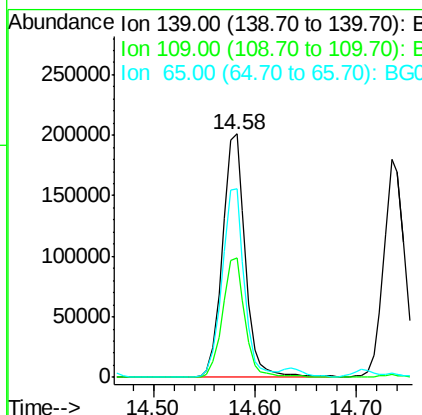
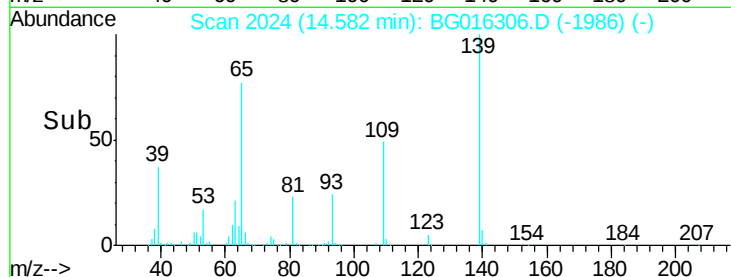
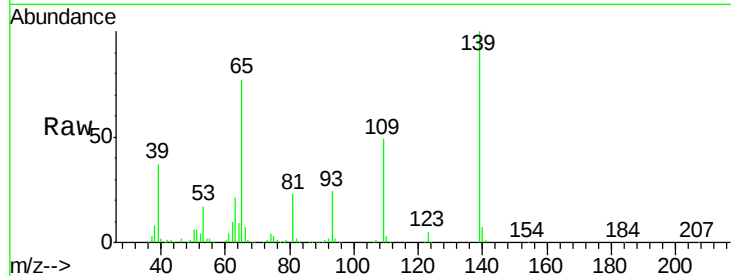




#55
4-Nitrophenol
Concen: 72.79 ng
RT: 14.58 min Scan# 2024
Delta R.T. 0.02 min
Lab File: BG016306.D
Acq: 10 Apr 2015 2:02

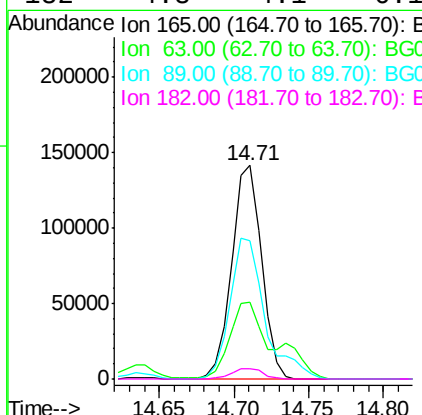
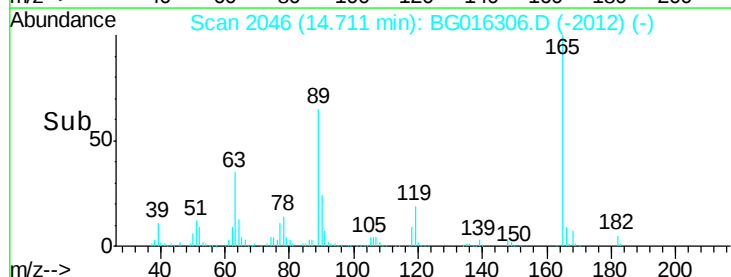
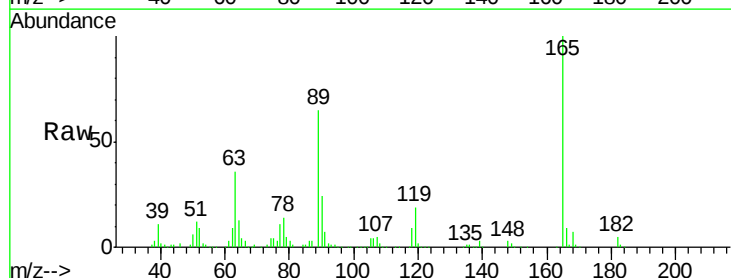
Instrument :
BNA_G
ClientSampleId :
PB82620BS

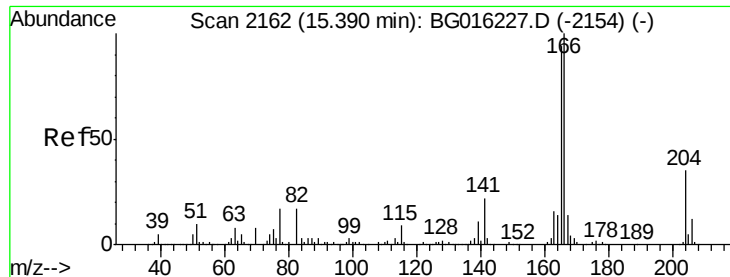
Tgt Ion:139 Resp: 313759
Ion Ratio Lower Upper
139 100
109 48.9 28.5 68.5
65 77.3 56.9 96.9



#56
2,4-Dinitrotoluene
Concen: 35.62 ng
RT: 14.71 min Scan# 2046
Delta R.T. 0.00 min
Lab File: BG016306.D
Acq: 10 Apr 2015 2:02

Tgt Ion:165 Resp: 198151
Ion Ratio Lower Upper
165 100
63 35.8 31.4 47.2
89 64.9 58.8 88.2
182 4.8 4.1 6.1





#57

Fluorene

Concen: 33.80 ng

RT: 15.39 min Scan# 2161

Delta R.T. -0.00 min

Lab File: BG016306.D

Acq: 10 Apr 2015 2:02

Instrument :

BNA_G

ClientSampled :

PB82620BS

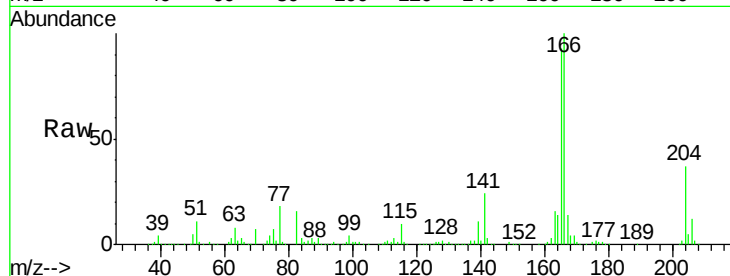
Tgt Ion:166 Resp: 591911

Ion Ratio Lower Upper

166 100

165 93.2 75.2 112.8

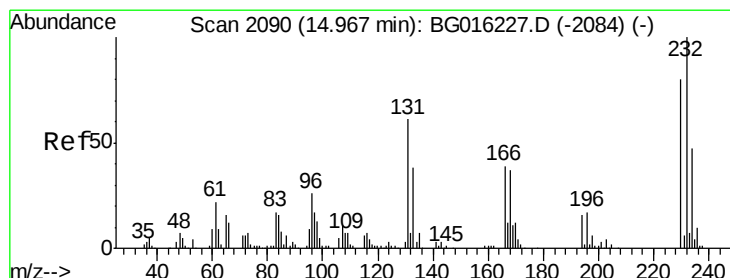
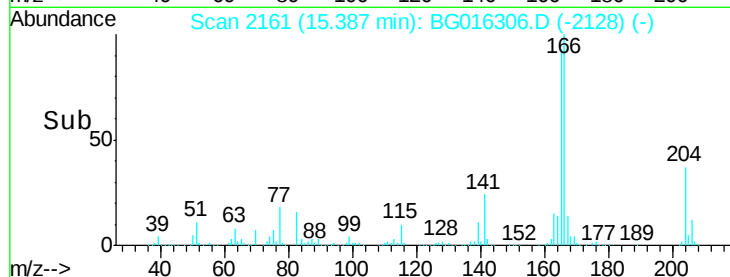
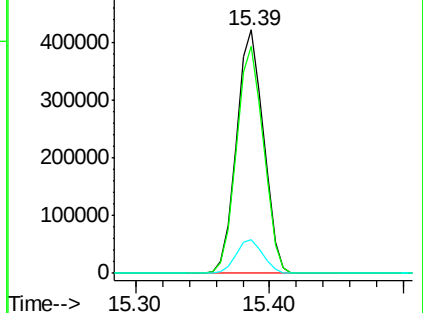
167 13.7 11.3 16.9



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: 39.18 ng

RT: 14.97 min Scan# 2090

Delta R.T. 0.00 min

Lab File: BG016306.D

Acq: 10 Apr 2015 2:02

Tgt Ion:232 Resp: 121781

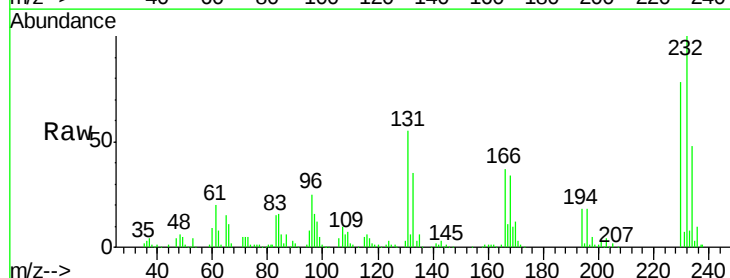
Ion Ratio Lower Upper

232 100

131 57.4 49.8 74.6

130 3.2 2.6 3.8

166 38.6 30.6 45.8

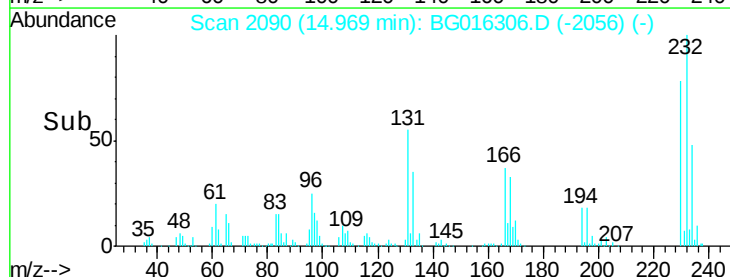
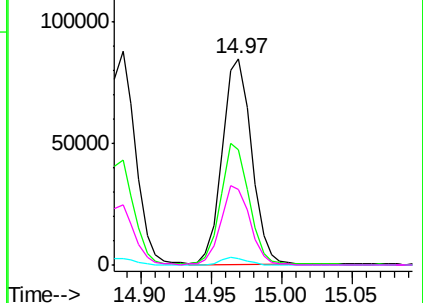


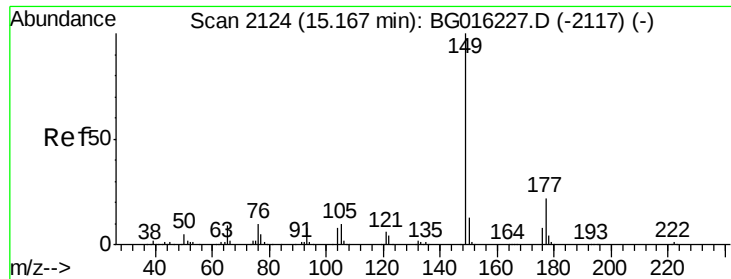
Abundance Ion 232.00 (231.70 to 232.70): E

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

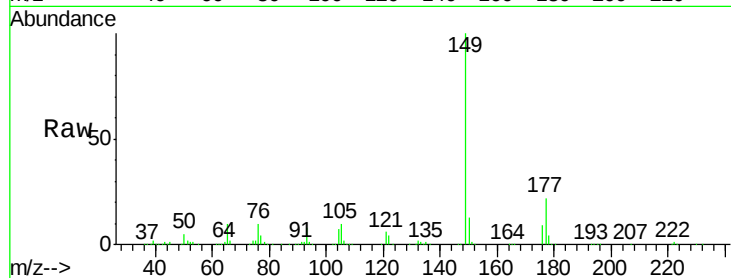




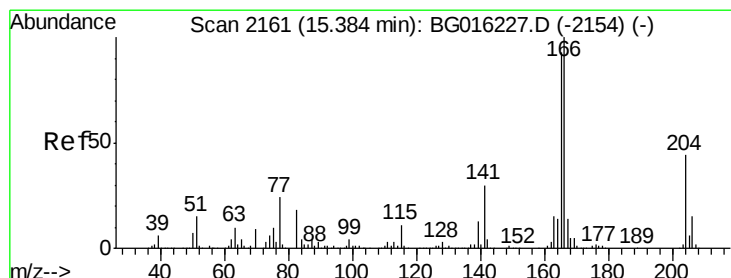
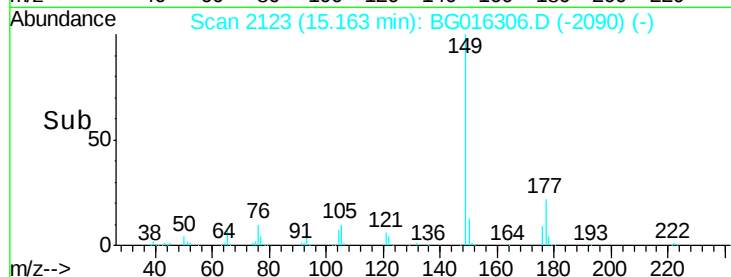
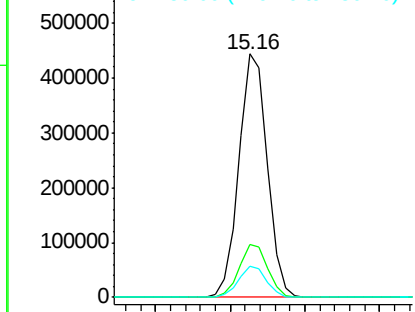
#59
Diethylphthalate
Concen: 32.48 ng
RT: 15.16 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BG016306.D
Acq: 10 Apr 2015 2:02

Instrument :
BNA_G
ClientSampleId :
PB82620BS

Tgt Ion:149 Resp: 583719
Ion Ratio Lower Upper
149 100
177 21.8 17.7 26.5
150 12.7 10.0 15.0

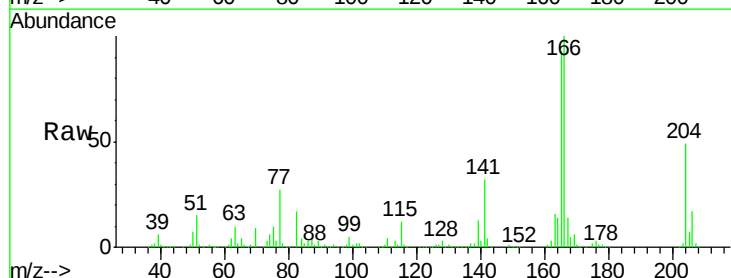


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

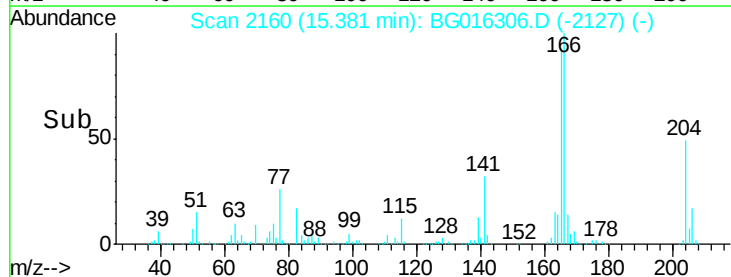
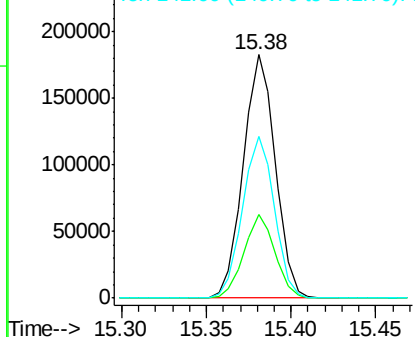


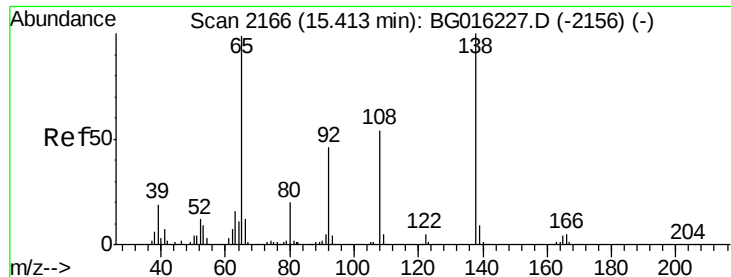
#60
4-Chlorophenyl-phenylether
Concen: 33.66 ng
RT: 15.38 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG016306.D
Acq: 10 Apr 2015 2:02

Tgt Ion:204 Resp: 241118
Ion Ratio Lower Upper
204 100
206 34.6 27.6 41.4
141 66.5 55.4 83.2



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





#61

4-Nitroaniline

Concen: 33.57 ng

RT: 15.42 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BG016306.D

Acq: 10 Apr 2015 2:02

Instrument :

BNA_G

ClientSampleId :

PB82620BS

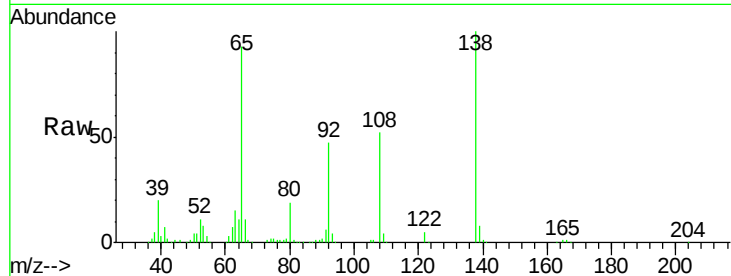
Tgt Ion: 138 Resp: 198738

Ion Ratio Lower Upper

138 100

92 46.8 26.3 66.3

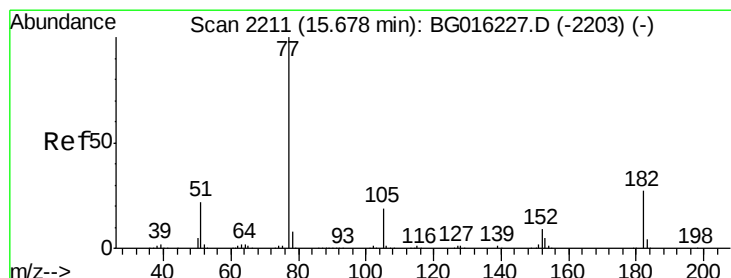
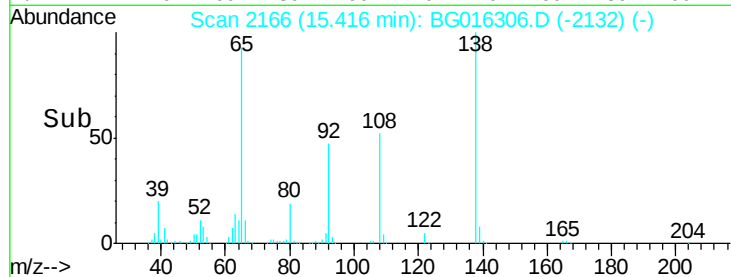
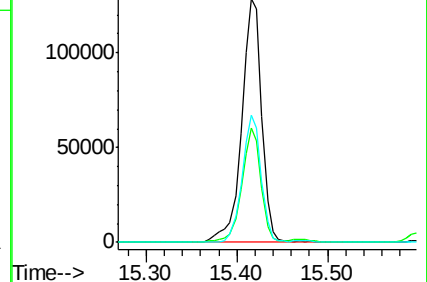
108 52.2 33.6 73.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 33.39 ng

RT: 15.67 min Scan# 2210

Delta R.T. -0.00 min

Lab File: BG016306.D

Acq: 10 Apr 2015 2:02

Tgt Ion: 77 Resp: 638731

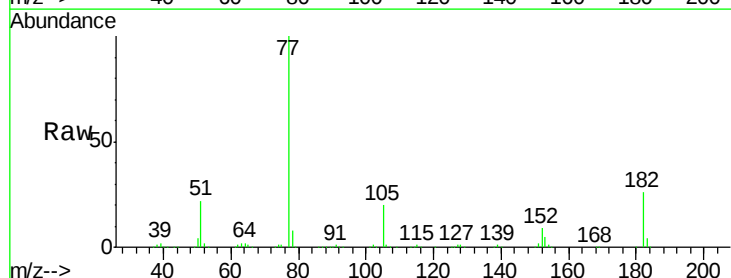
Ion Ratio Lower Upper

77 100

182 26.2 6.6 46.6

105 19.9 0.0 39.2

51 22.1 2.0 42.0

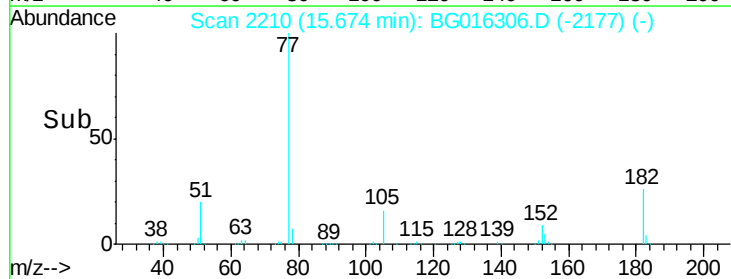
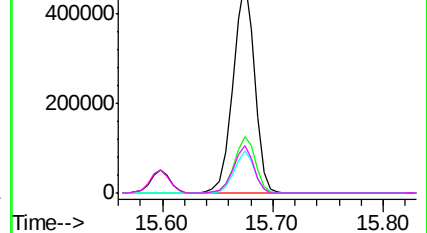


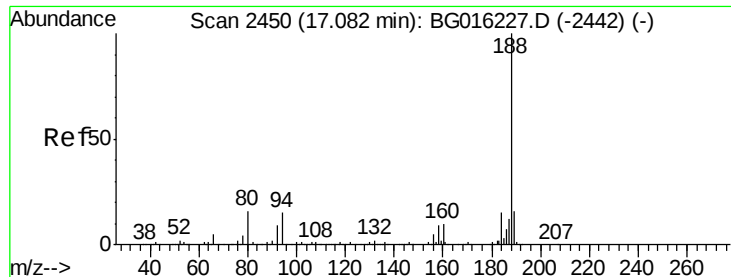
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

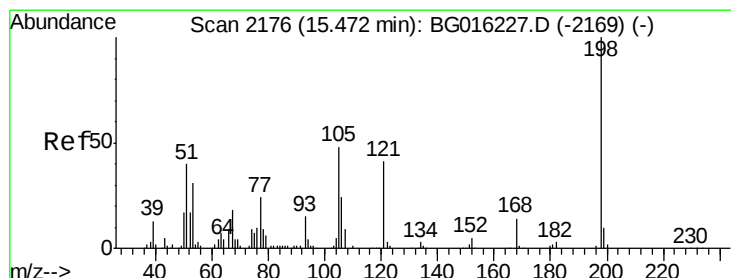
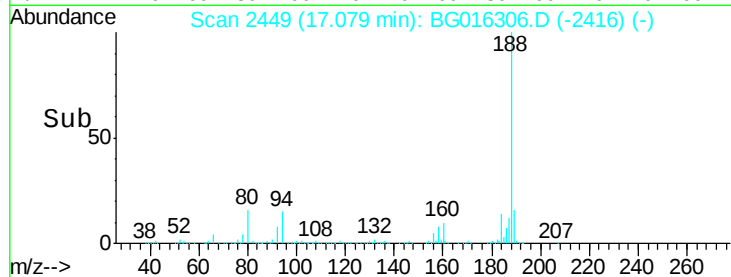
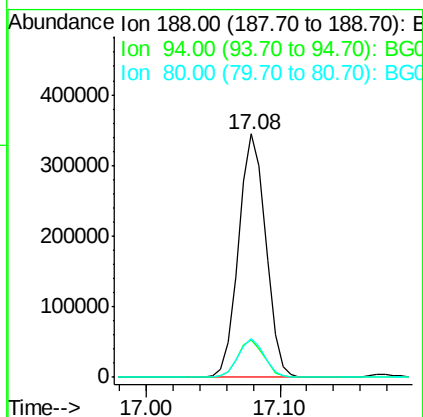
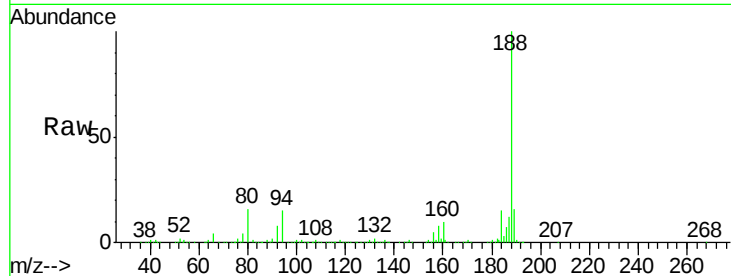




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG016306.D
Acq: 10 Apr 2015 2:02

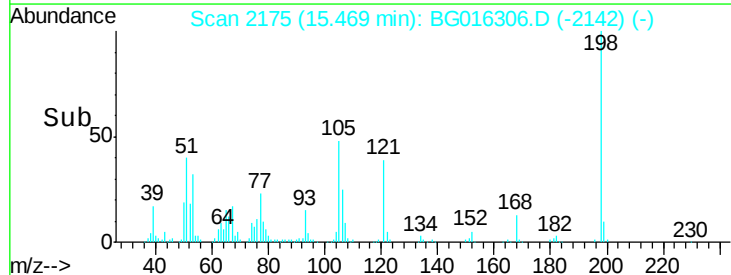
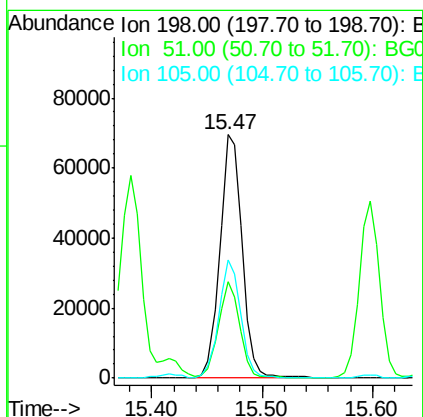
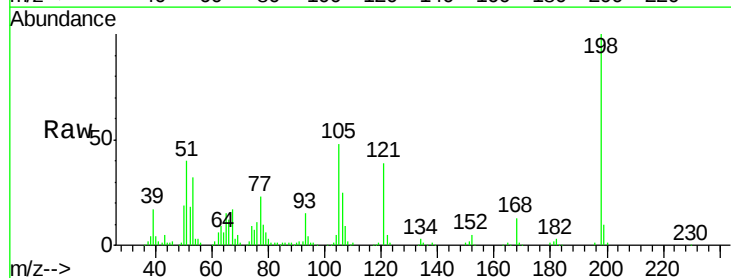
Instrument :
BNA_G
ClientSampleId :
PB82620BS

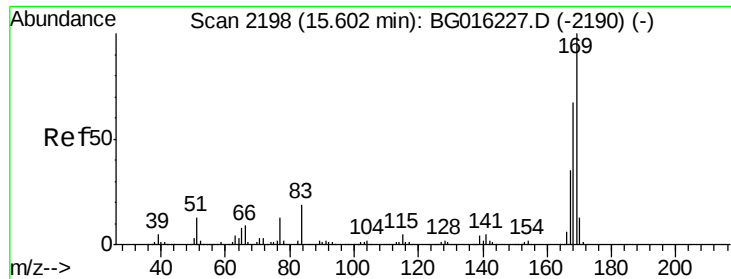
Tgt Ion:188 Resp: 484404
Ion Ratio Lower Upper
188 100
94 15.2 12.2 18.4
80 16.1 12.8 19.2



#64
4,6-Dinitro-2-methylphenol
Concen: 30.26 ng
RT: 15.47 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BG016306.D
Acq: 10 Apr 2015 2:02

Tgt Ion:198 Resp: 97840
Ion Ratio Lower Upper
198 100
51 39.9 20.7 60.7
105 48.5 28.8 68.8

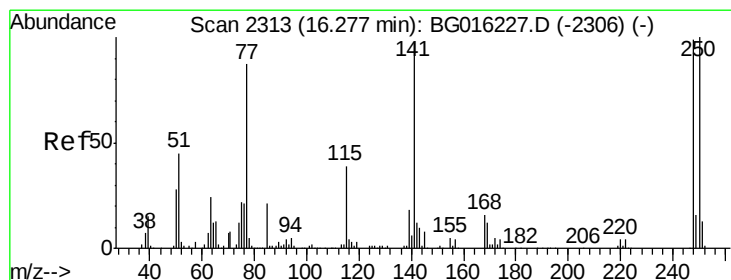
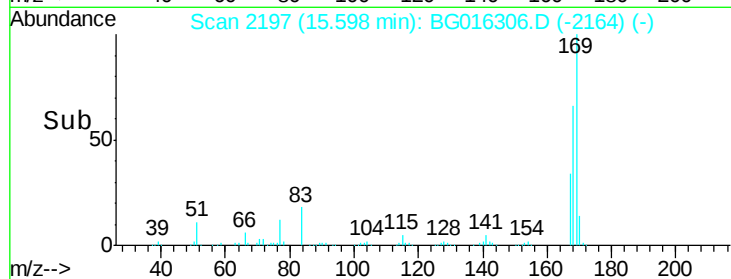
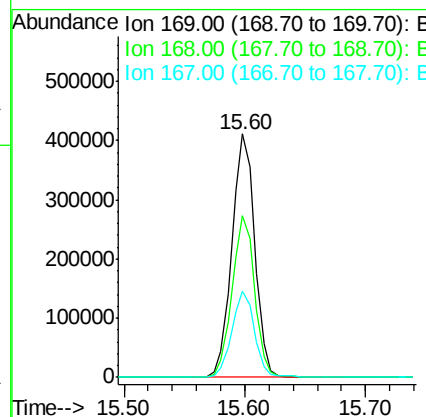
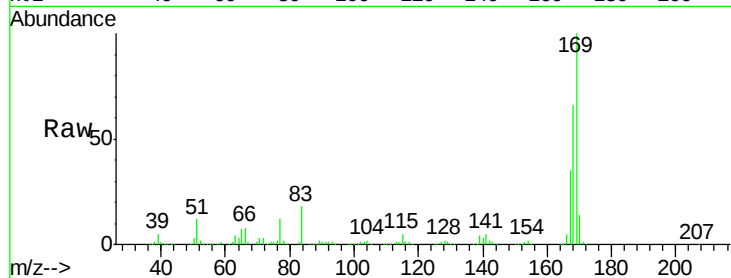




#65
 n-Nitrosodiphenylamine
 Concen: 32.88 ng
 RT: 15.60 min Scan# 2197
 Delta R.T. -0.00 min
 Lab File: BG016306.D
 Acq: 10 Apr 2015 2:02

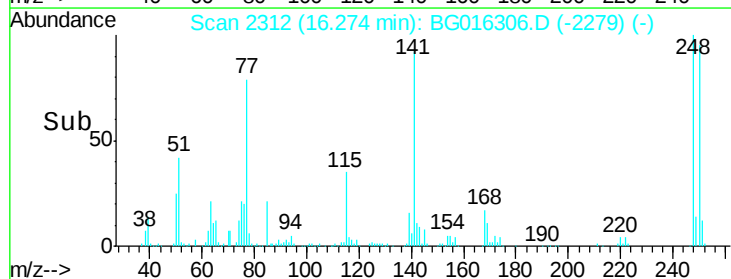
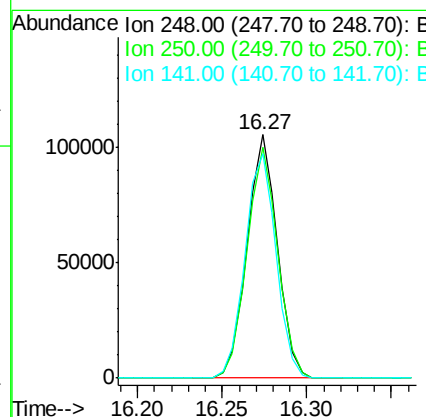
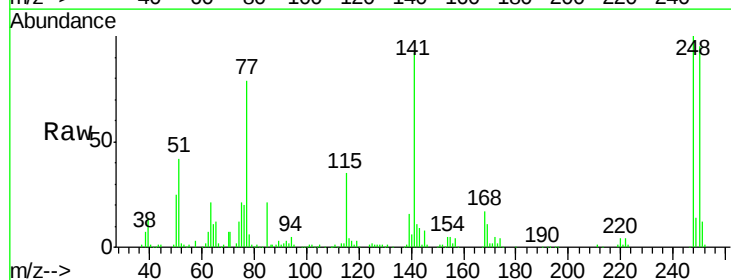
Instrument :
 BNA_G
 ClientSampleId :
 PB82620BS

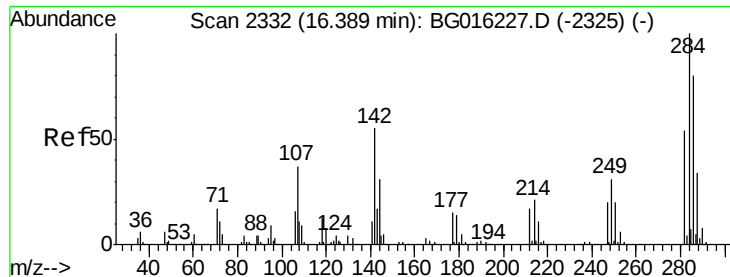
Tgt Ion:169 Resp: 538375
 Ion Ratio Lower Upper
 169 100
 168 66.3 53.4 80.0
 167 35.2 28.3 42.5



#66
 4-Bromophenyl-phenylether
 Concen: 33.92 ng
 RT: 16.27 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: BG016306.D
 Acq: 10 Apr 2015 2:02

Tgt Ion:248 Resp: 131201
 Ion Ratio Lower Upper
 248 100
 250 94.6 80.5 120.7
 141 92.1 78.2 117.4

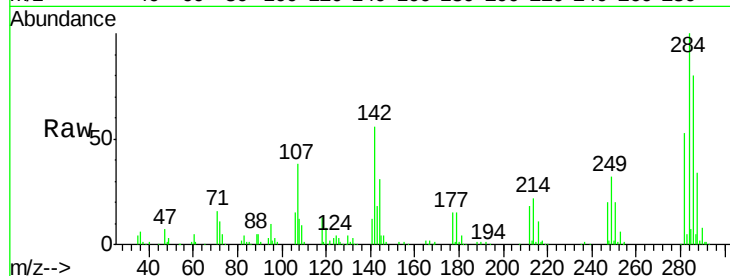




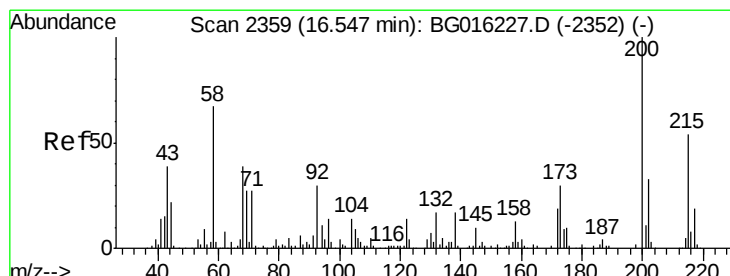
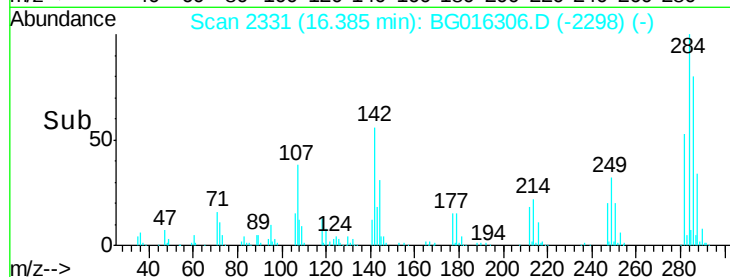
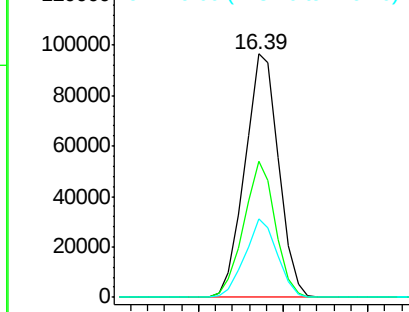
#67
Hexachlorobenzene
Concen: 33.41 ng
RT: 16.39 min Scan# 2331
Delta R.T. -0.00 min
Lab File: BG016306.D
Acq: 10 Apr 2015 2:02

Instrument :
BNA_G
ClientSampleId :
PB82620BS

Tgt Ion:284 Resp: 134288
Ion Ratio Lower Upper
284 100
142 55.8 44.2 66.2
249 32.1 24.8 37.2

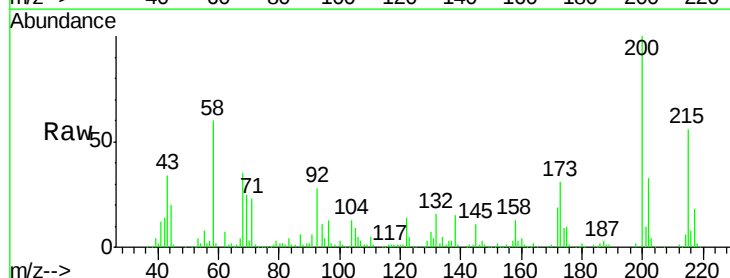


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

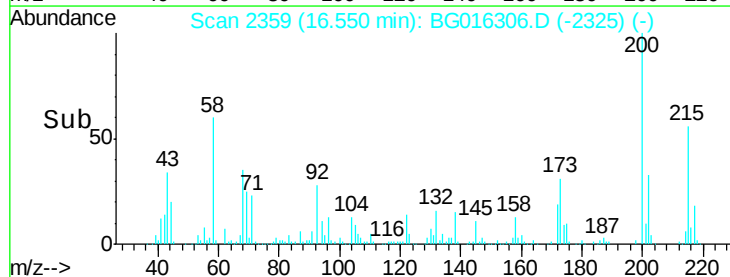
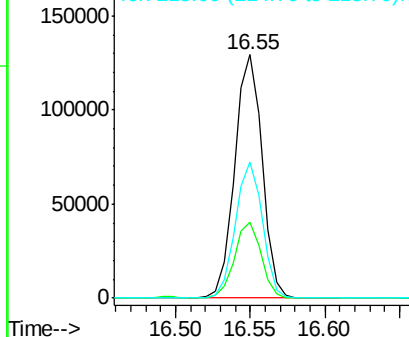


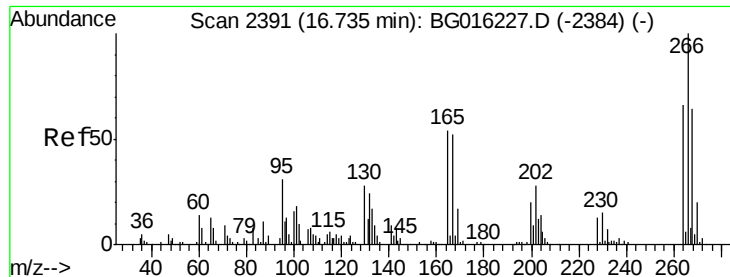
#68
Atrazine
Concen: 36.31 ng
RT: 16.55 min Scan# 2359
Delta R.T. 0.00 min
Lab File: BG016306.D
Acq: 10 Apr 2015 2:02

Tgt Ion:200 Resp: 165716
Ion Ratio Lower Upper
200 100
173 31.2 10.2 50.2
215 56.1 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

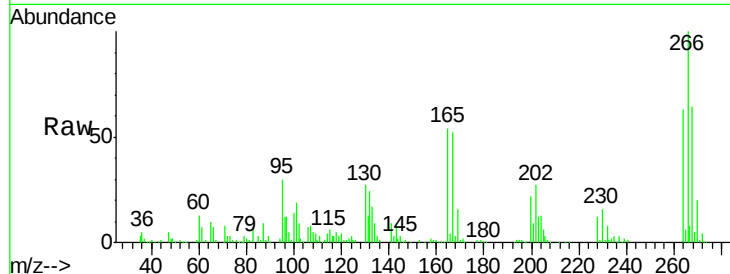




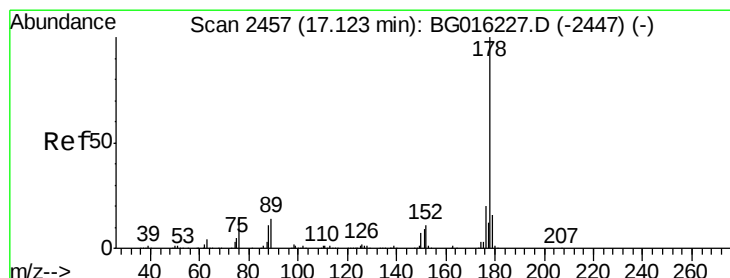
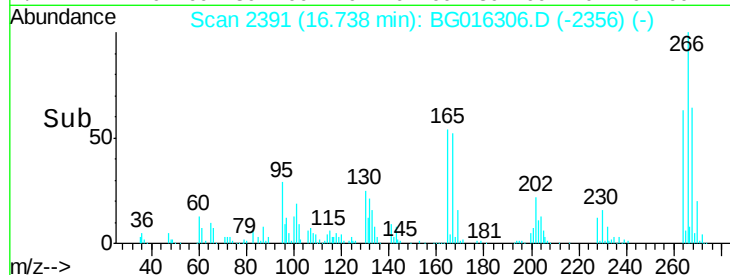
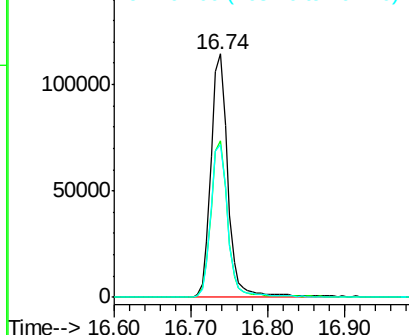
#69
 Pentachlorophenol
 Concen: 70.84 ng
 RT: 16.74 min Scan# 2391
 Delta R.T. 0.00 min
 Lab File: BG016306.D
 Acq: 10 Apr 2015 2:02

Instrument :
 BNA_G
 ClientSampleId :
 PB82620BS

Tgt Ion:266 Resp: 173872
 Ion Ratio Lower Upper
 266 100
 268 64.3 50.9 76.3
 264 62.8 52.8 79.2

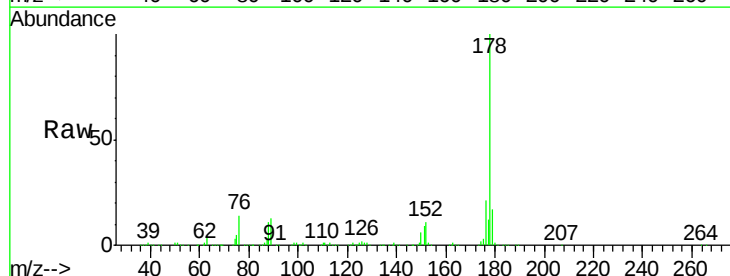


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

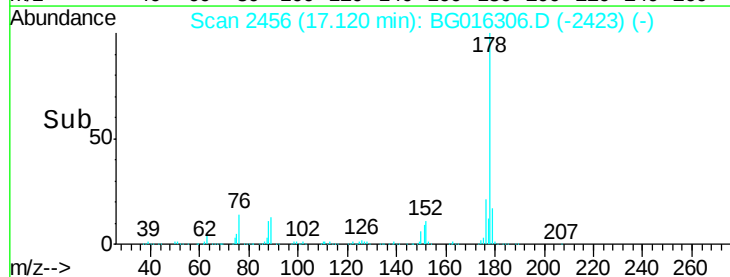
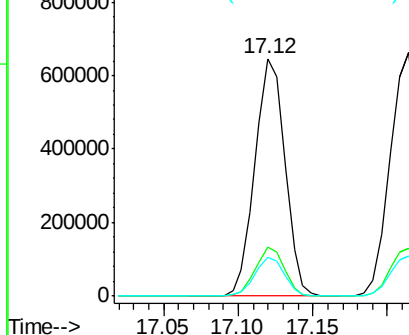


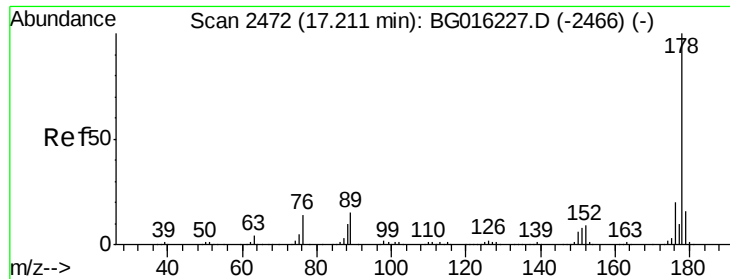
#70
 Phenanthrene
 Concen: 32.88 ng
 RT: 17.12 min Scan# 2456
 Delta R.T. -0.00 min
 Lab File: BG016306.D
 Acq: 10 Apr 2015 2:02

Tgt Ion:178 Resp: 895948
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.2 24.4
 179 16.5 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

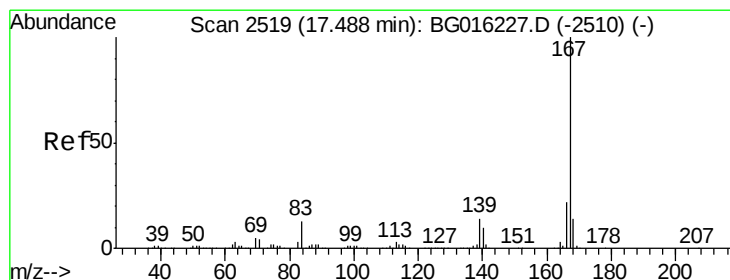
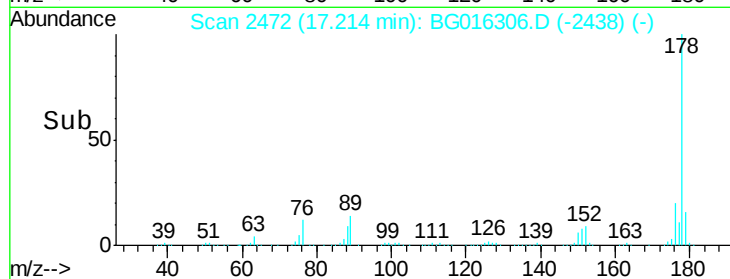
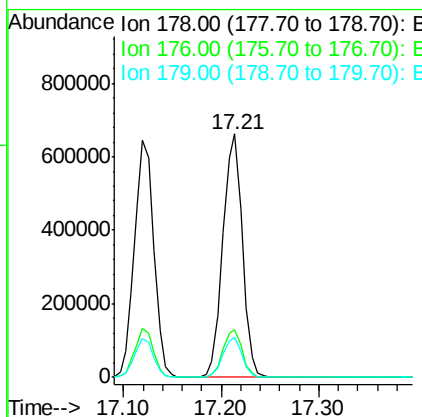
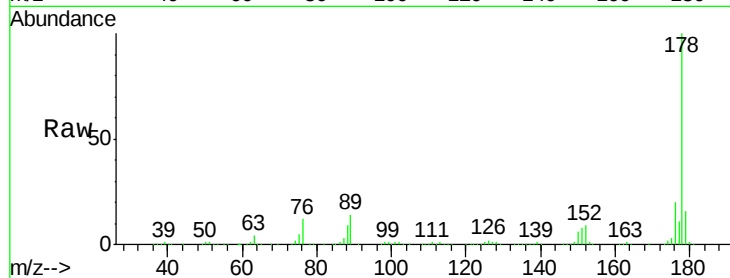




#71
 Anthracene
 Concen: 33.85 ng
 RT: 17.21 min Scan# 2472
 Delta R.T. 0.00 min
 Lab File: BG016306.D
 Acq: 10 Apr 2015 2:02

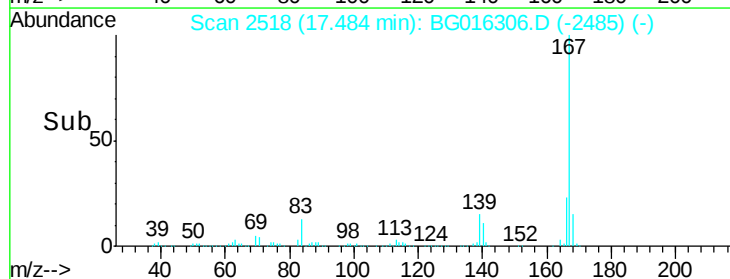
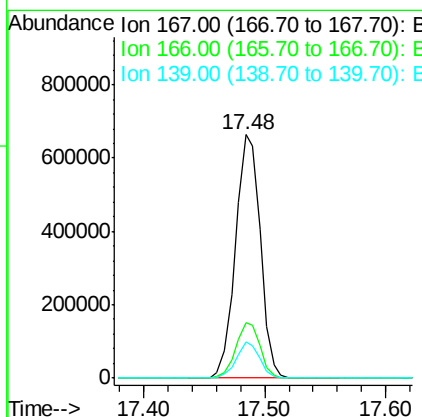
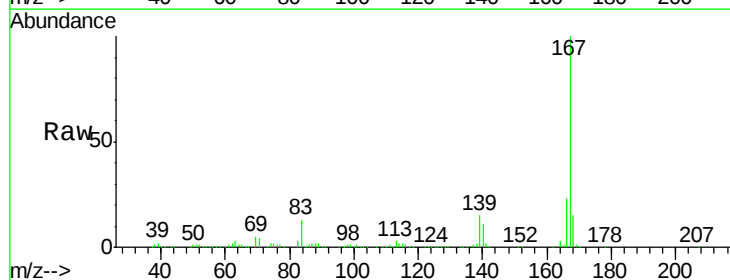
Instrument :
 BNA_G
 ClientSampleId :
 PB82620BS

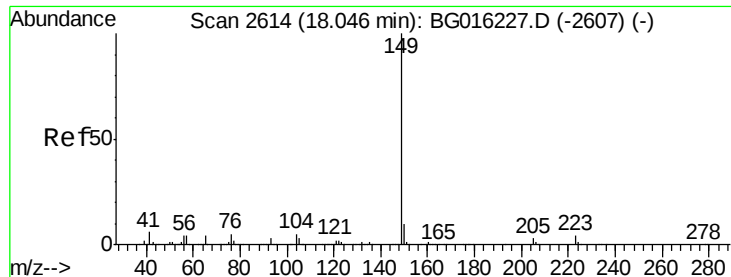
Tgt Ion:178 Resp: 914080
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.9 23.9
 179 16.4 13.0 19.6



#72
 Carbazole
 Concen: 35.11 ng
 RT: 17.48 min Scan# 2518
 Delta R.T. -0.00 min
 Lab File: BG016306.D
 Acq: 10 Apr 2015 2:02

Tgt Ion:167 Resp: 951325
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.9 26.9
 139 14.7 11.5 17.3

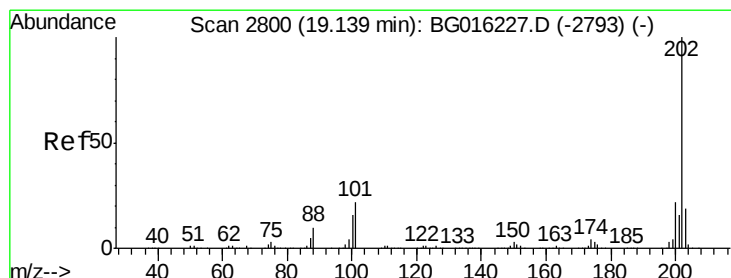
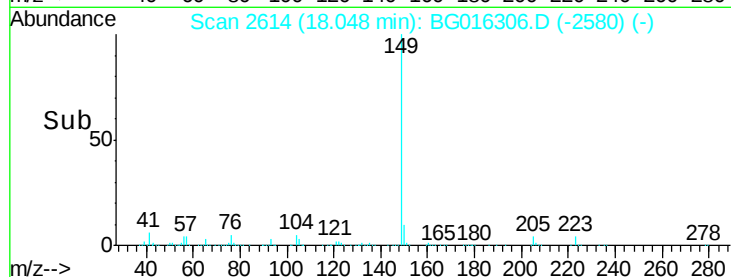
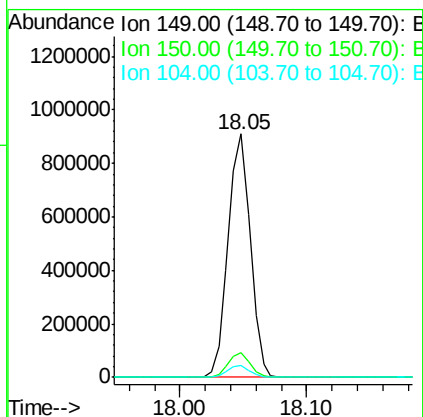
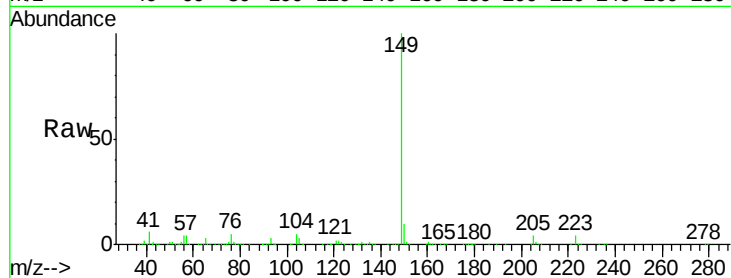




#73
Di-n-butylphthalate
Concen: 33.24 ng
RT: 18.05 min Scan# 2614
Delta R.T. 0.00 min
Lab File: BG016306.D
Acq: 10 Apr 2015 2:02

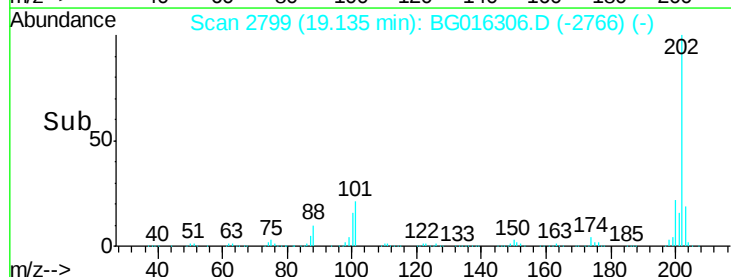
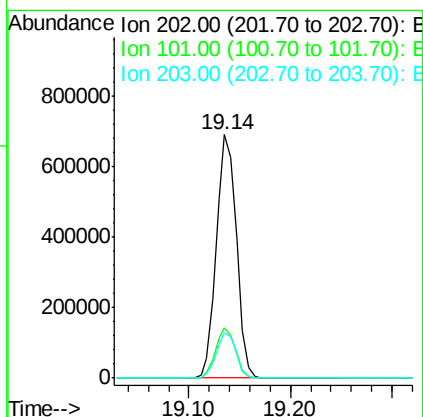
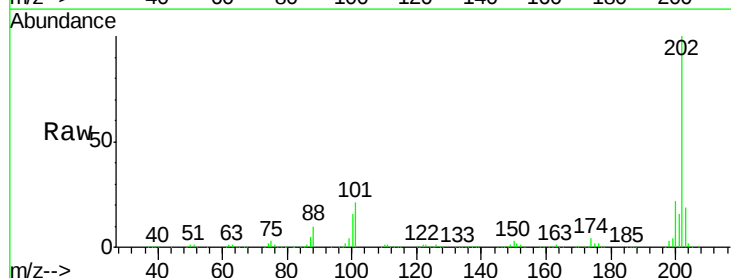
Instrument :
BNA_G
ClientSampleId :
PB82620BS

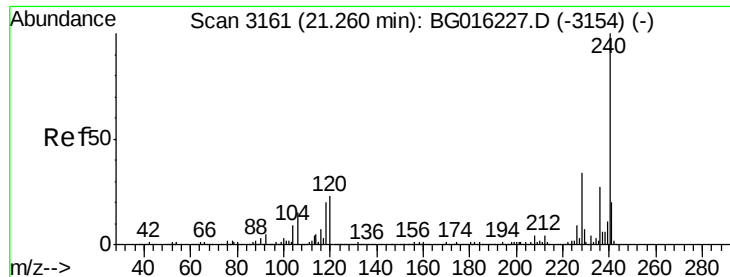
Tgt Ion:149 Resp: 1102418
Ion Ratio Lower Upper
149 100
150 10.1 8.2 12.4
104 5.0 4.0 6.0



#74
Fluoranthene
Concen: 33.70 ng
RT: 19.14 min Scan# 2799
Delta R.T. -0.00 min
Lab File: BG016306.D
Acq: 10 Apr 2015 2:02

Tgt Ion:202 Resp: 946312
Ion Ratio Lower Upper
202 100
101 20.8 1.7 41.7
203 18.5 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.26 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG016306.D

Acq: 10 Apr 2015 2:02

Instrument :

BNA_G

ClientSampleId :

PB82620BS

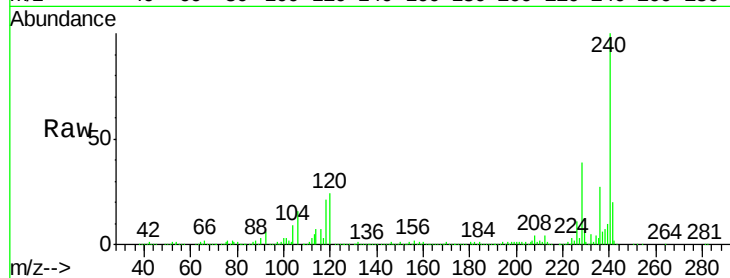
Tgt Ion:240 Resp: 428183

Ion Ratio Lower Upper

240 100

120 23.5 18.6 28.0

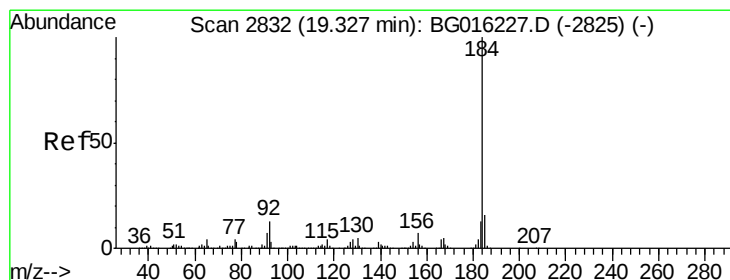
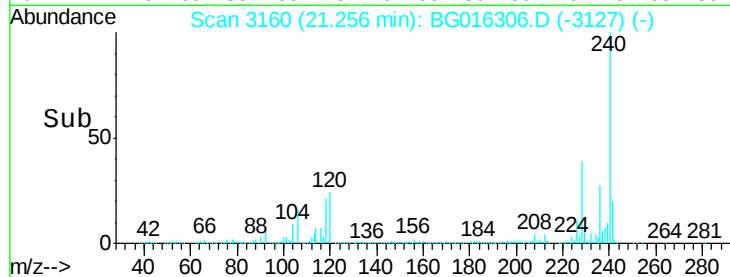
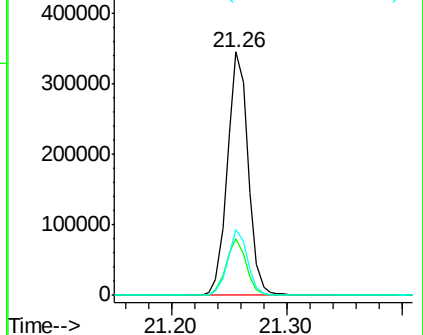
236 26.8 21.7 32.5



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: 20.59 ng

RT: 19.32 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BG016306.D

Acq: 10 Apr 2015 2:02

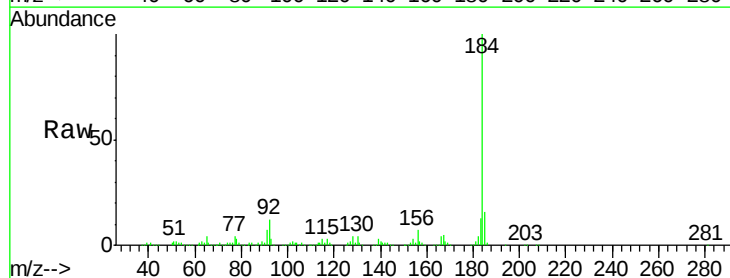
Tgt Ion:184 Resp: 373822

Ion Ratio Lower Upper

184 100

185 15.7 12.6 19.0

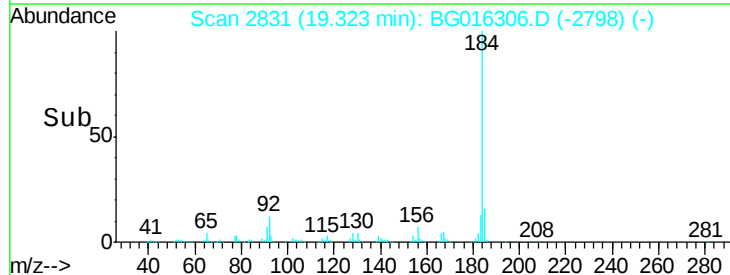
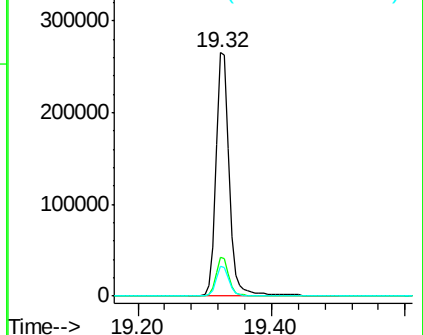
183 12.5 10.4 15.6

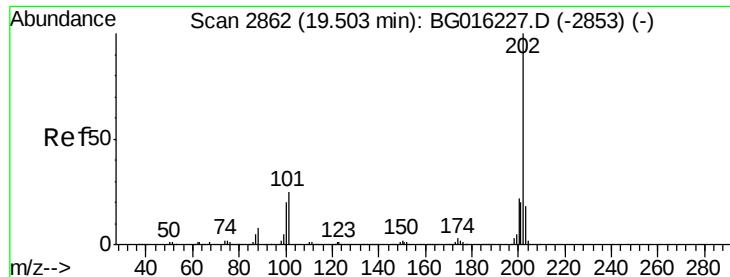


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 33.24 ng

RT: 19.50 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG016306.D

Acq: 10 Apr 2015 2:02

Instrument :

BNA_G

ClientSampleId :

PB82620BS

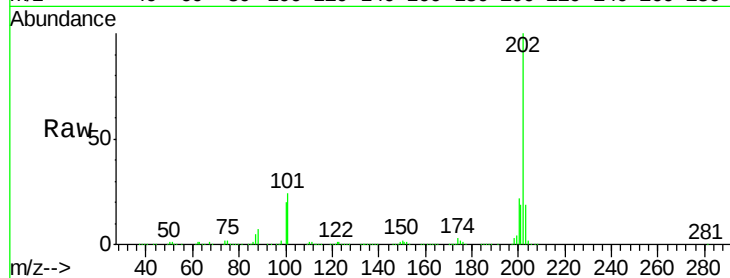
Tgt Ion:202 Resp: 990941

Ion Ratio Lower Upper

202 100

200 22.4 17.8 26.8

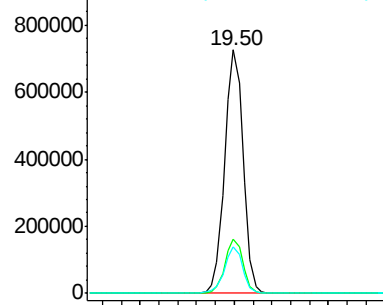
203 18.9 14.7 22.1



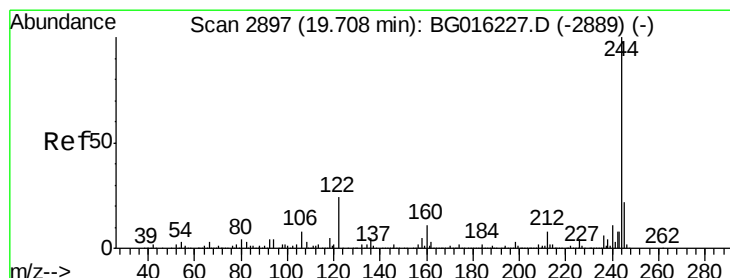
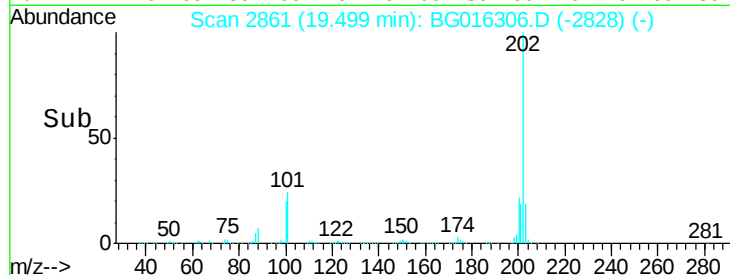
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 62.46 ng

RT: 19.71 min Scan# 2896

Delta R.T. -0.00 min

Lab File: BG016306.D

Acq: 10 Apr 2015 2:02

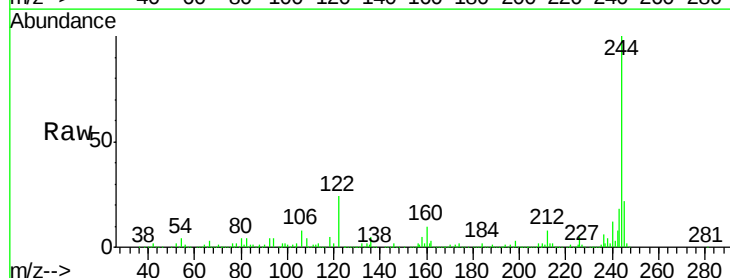
Tgt Ion:244 Resp: 1142719

Ion Ratio Lower Upper

244 100

212 8.4 6.6 9.8

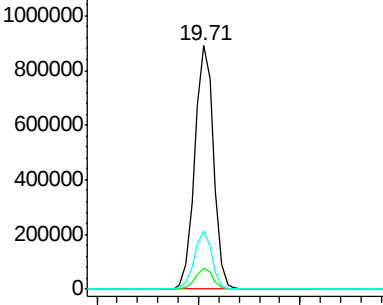
122 24.0 19.1 28.7



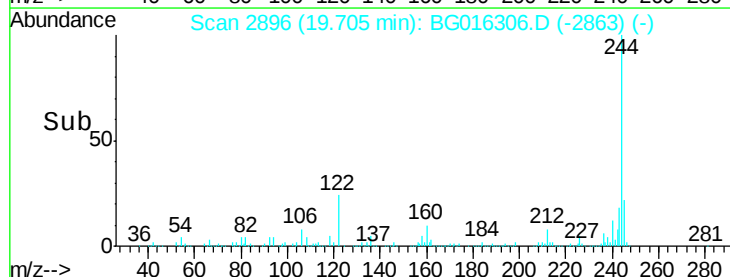
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

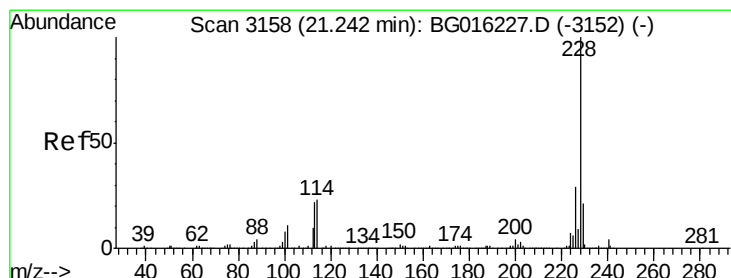
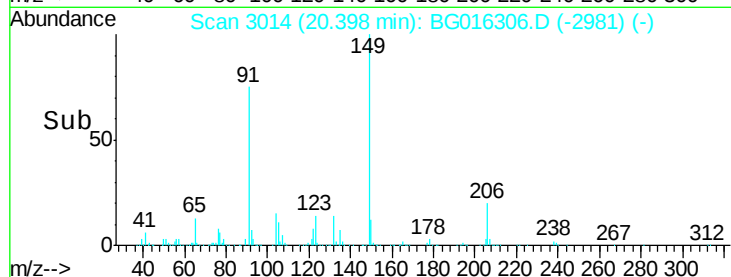
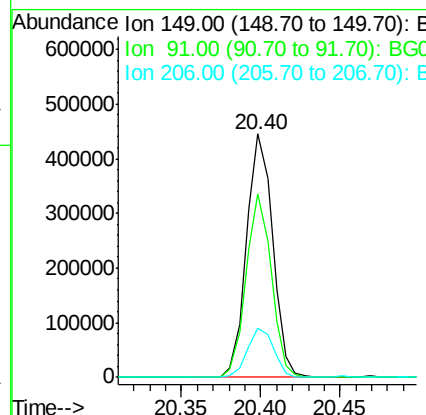
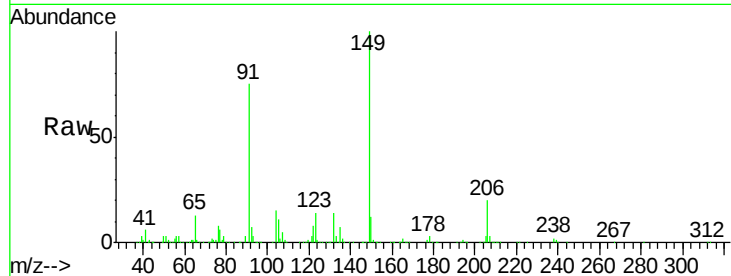




#79
Butylbenzylphthalate
Concen: 34.79 ng
RT: 20.40 min Scan# 3014
Delta R.T. -0.00 min
Lab File: BG016306.D
Acq: 10 Apr 2015 2:02

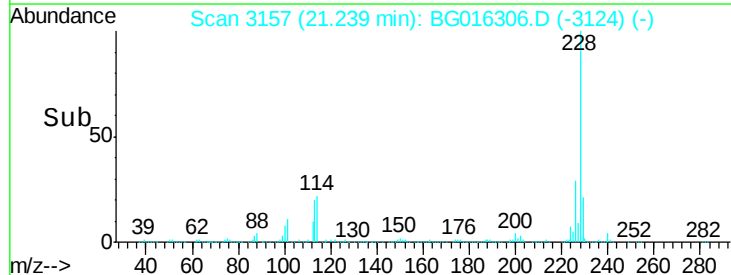
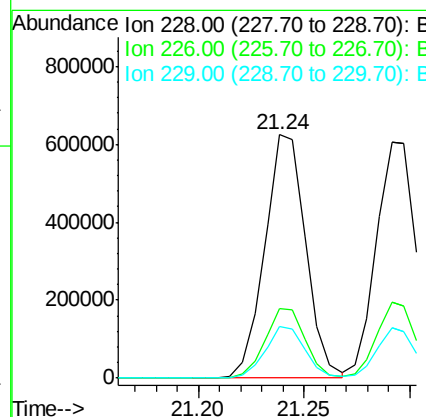
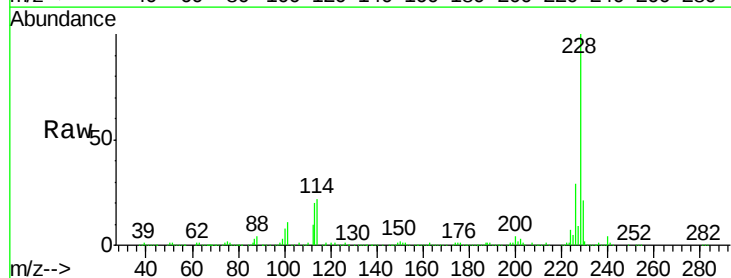
Instrument :
BNA_G
ClientSampleId :
PB82620BS

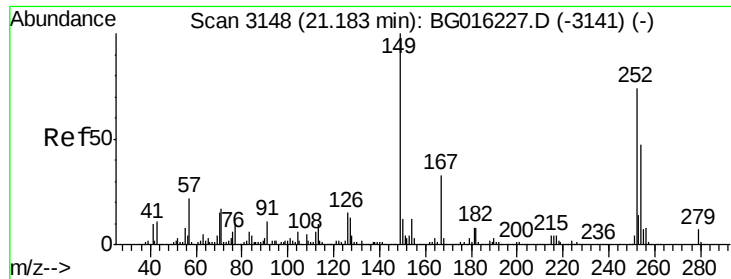
Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.4	59.4	89.2
206	20.4	15.6	23.4



#80
Benzo(a)anthracene
Concen: 33.23 ng
RT: 21.24 min Scan# 3157
Delta R.T. -0.00 min
Lab File: BG016306.D
Acq: 10 Apr 2015 2:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.5	35.3
229	21.2	16.8	25.2

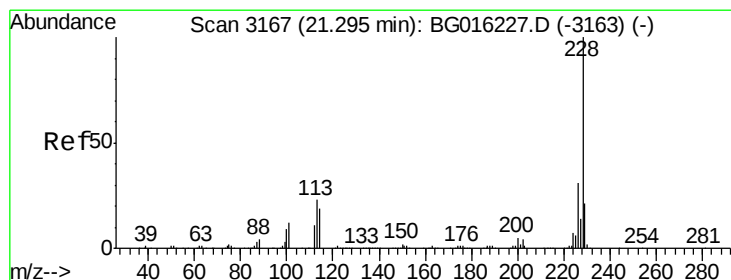
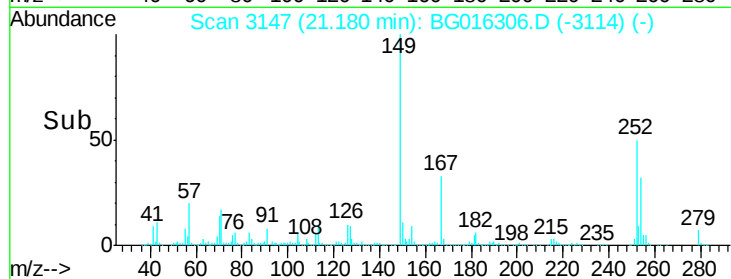
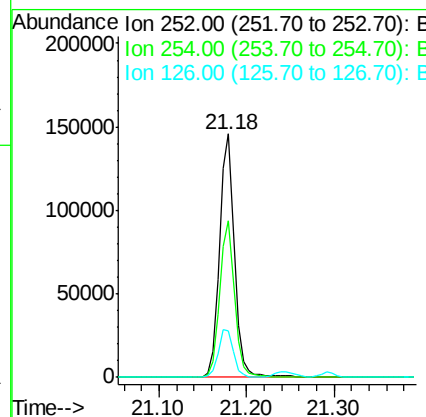
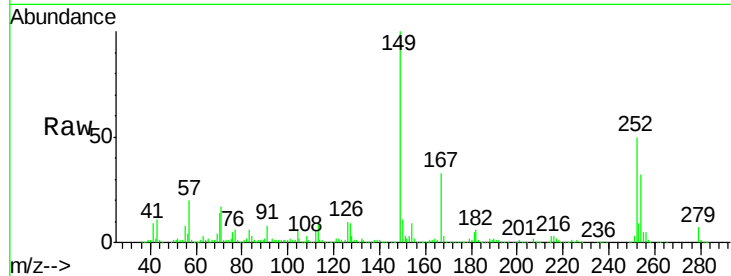




#81
 3,3'-Dichlorobenzidine
 Concen: 20.83 ng
 RT: 21.18 min Scan# 3147
 Delta R.T. -0.00 min
 Lab File: BG016306.D
 Acq: 10 Apr 2015 2:02

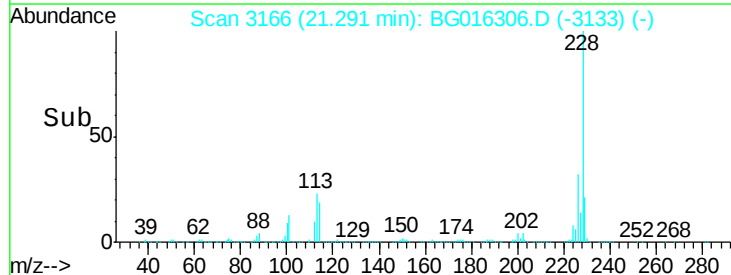
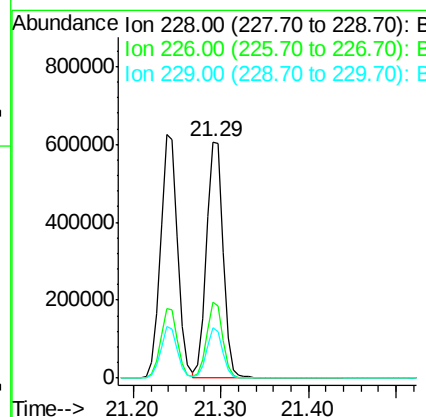
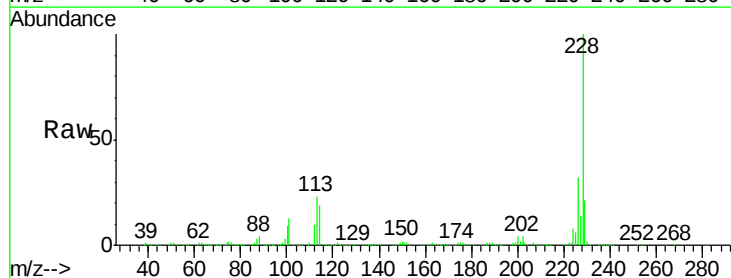
Instrument :
 BNA_G
 ClientSampleId :
 PB82620BS

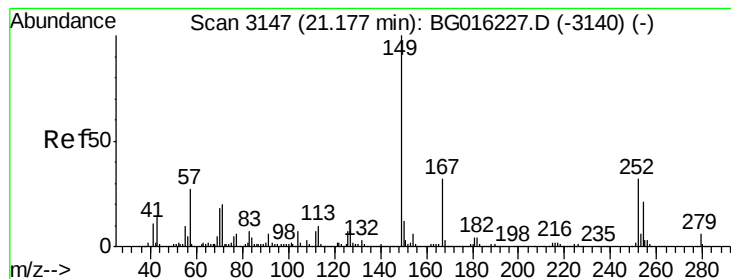
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	50.8	76.2
126	19.3	16.0	24.0



#82
 Chrysene
 Concen: 33.02 ng
 RT: 21.29 min Scan# 3166
 Delta R.T. -0.00 min
 Lab File: BG016306.D
 Acq: 10 Apr 2015 2:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.0	37.4
229	21.3	17.0	25.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.47 ng

RT: 21.17 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG016306.D

Acq: 10 Apr 2015 2:02

Instrument :

BNA_G

ClientSampleId :

PB82620BS

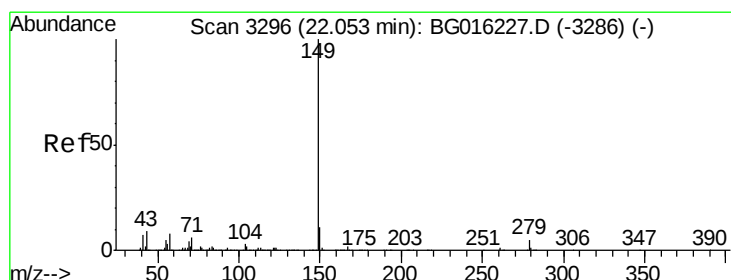
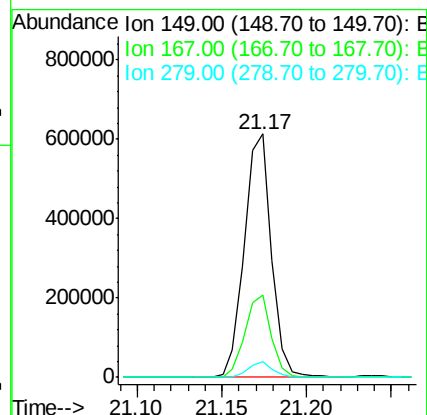
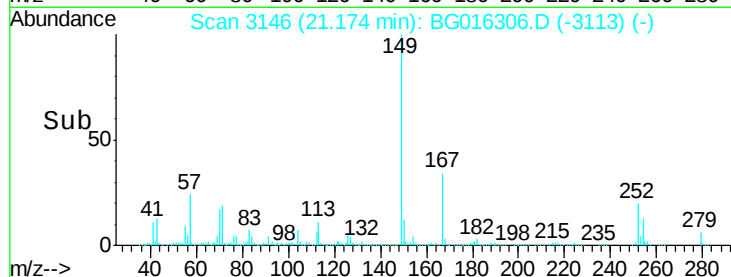
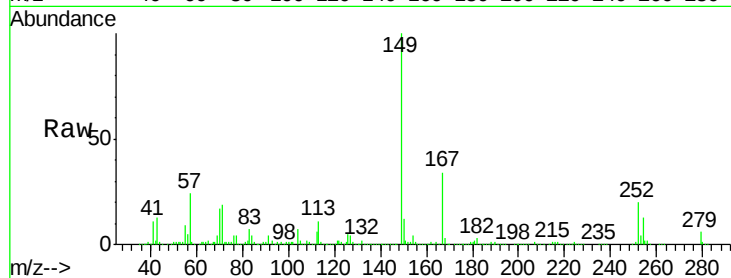
Tgt Ion:149 Resp: 683486

Ion Ratio Lower Upper

149 100

167 33.9 25.8 38.6

279 6.5 4.7 7.1



#84

Di-n-octyl phthalate

Concen: 35.74 ng

RT: 22.04 min Scan# 3294

Delta R.T. -0.01 min

Lab File: BG016306.D

Acq: 10 Apr 2015 2:02

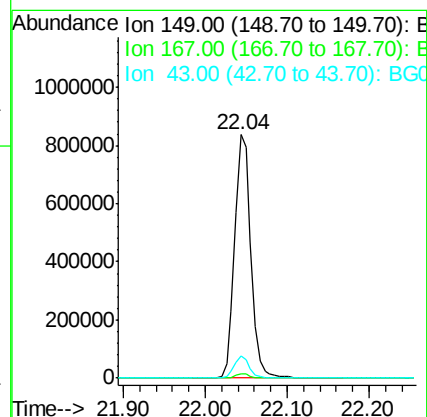
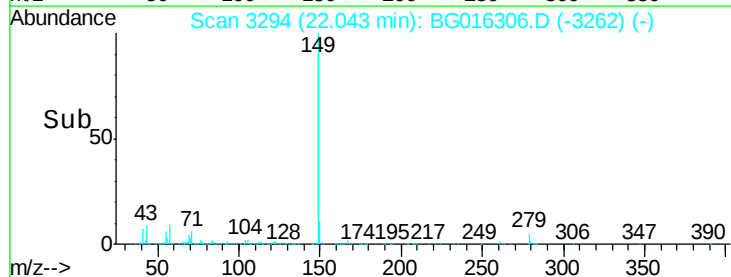
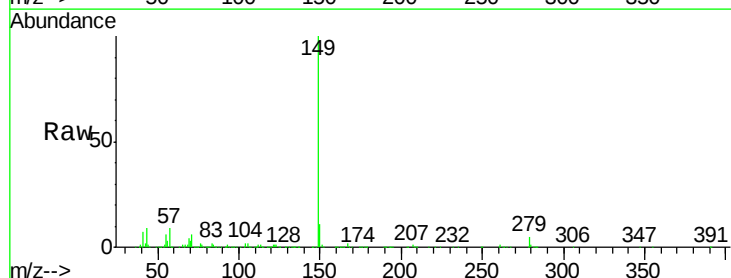
Tgt Ion:149 Resp: 1154597

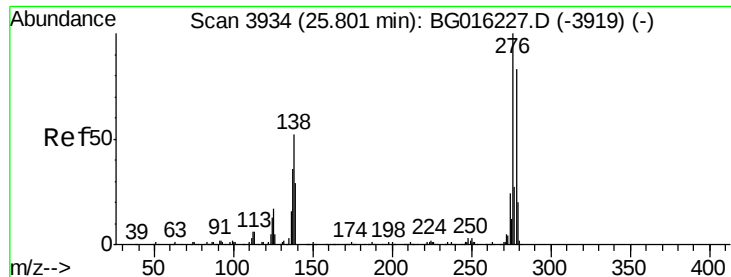
Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.3 7.0 10.4

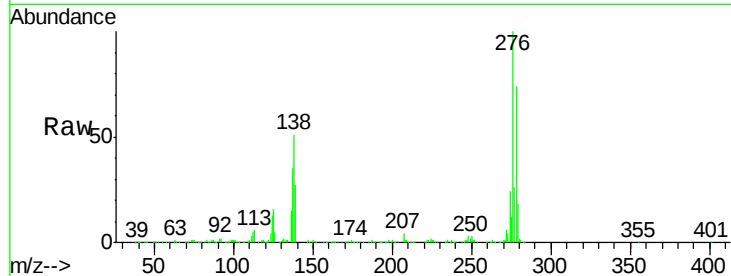




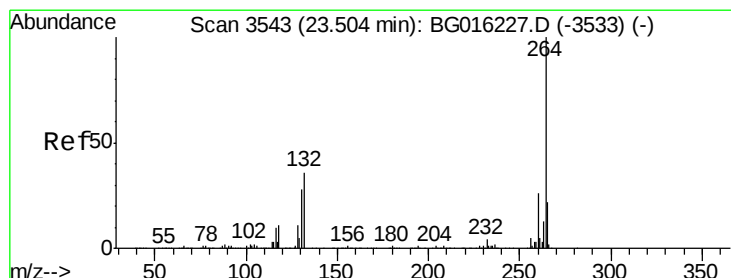
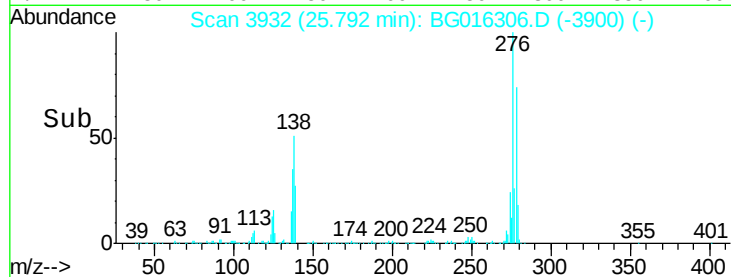
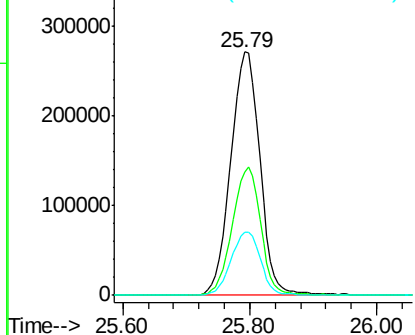
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.12 ng
 RT: 25.79 min Scan# 3932
 Delta R.T. -0.01 min
 Lab File: BG016306.D
 Acq: 10 Apr 2015 2:02

Instrument :
 BNA_G
 ClientSampleId :
 PB82620BS

Tgt Ion: 276 Resp: 865968
 Ion Ratio Lower Upper
 276 100
 138 51.4 41.5 62.3
 277 26.4 21.0 31.6

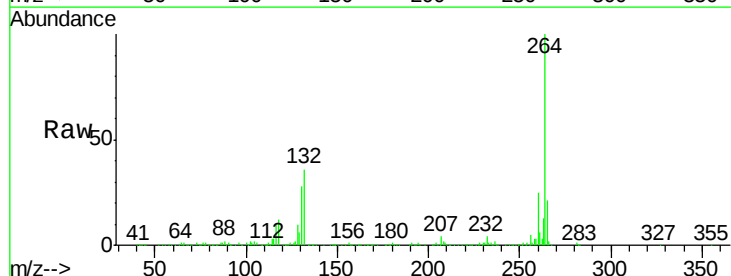


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

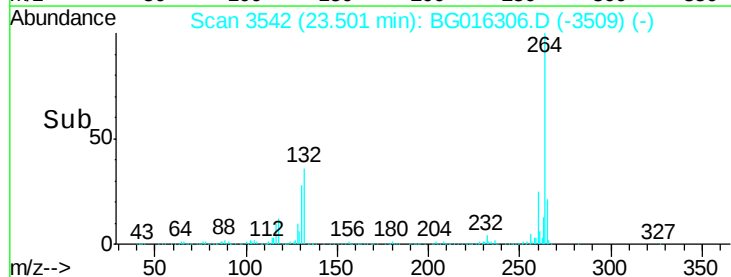
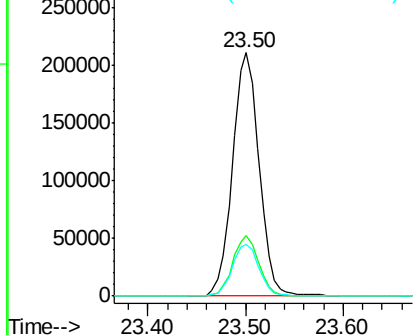


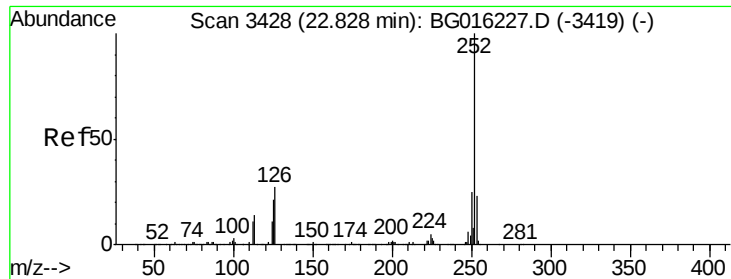
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.50 min Scan# 3542
 Delta R.T. -0.00 min
 Lab File: BG016306.D
 Acq: 10 Apr 2015 2:02

Tgt Ion: 264 Resp: 399098
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.4 30.6
 265 21.3 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: 34.39 ng

RT: 22.82 min Scan# 3427

Delta R.T. -0.00 min

Lab File: BG016306.D

Acq: 10 Apr 2015 2:02

Instrument :

BNA_G

ClientSampleId :

PB82620BS

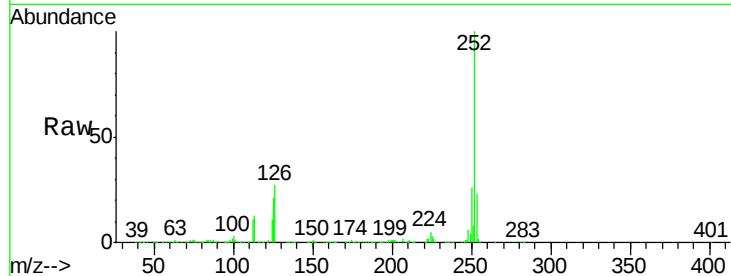
Tgt Ion:252 Resp: 803848

Ion Ratio Lower Upper

252 100

253 23.1 18.5 27.7

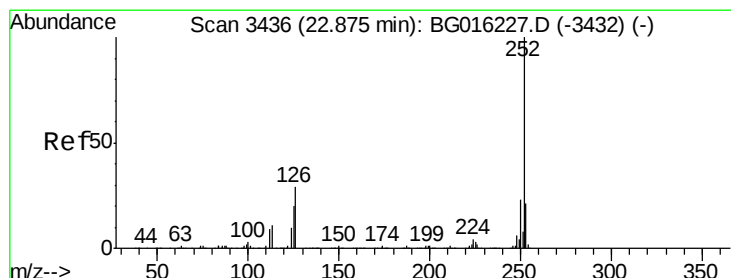
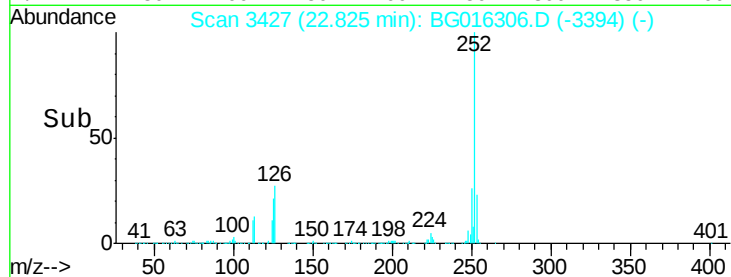
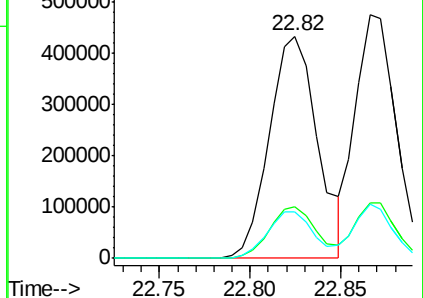
125 21.0 17.0 25.6



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: 32.93 ng

RT: 22.87 min Scan# 3434

Delta R.T. -0.01 min

Lab File: BG016306.D

Acq: 10 Apr 2015 2:02

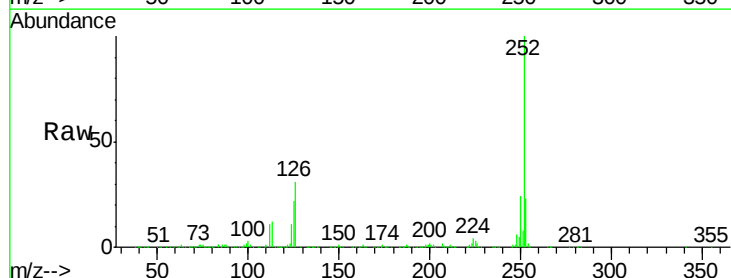
Tgt Ion:252 Resp: 753173

Ion Ratio Lower Upper

252 100

253 22.9 17.5 26.3

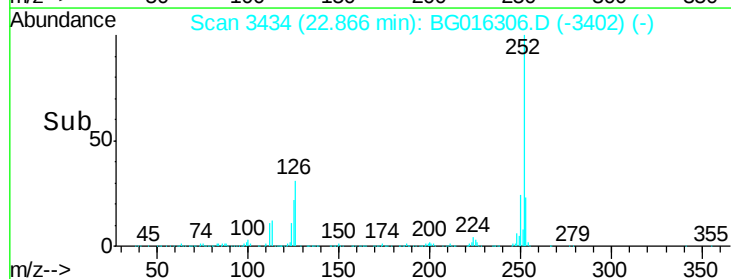
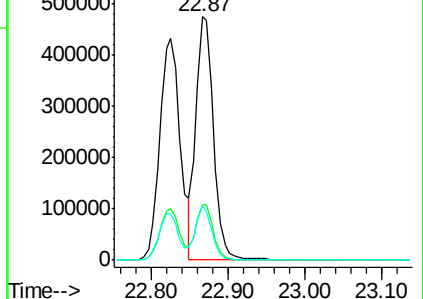
125 22.1 16.3 24.5

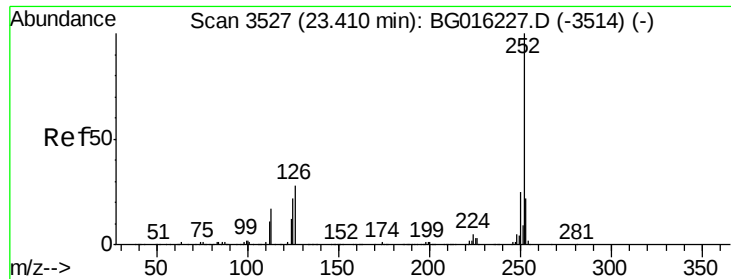


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 34.98 ng

RT: 23.41 min Scan# 3526

Delta R.T. -0.00 min

Lab File: BG016306.D

Acq: 10 Apr 2015 2:02

Instrument :

BNA_G

ClientSampleId :

PB82620BS

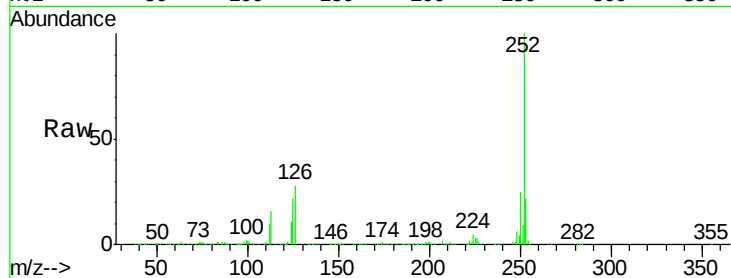
Tgt Ion: 252 Resp: 766313

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

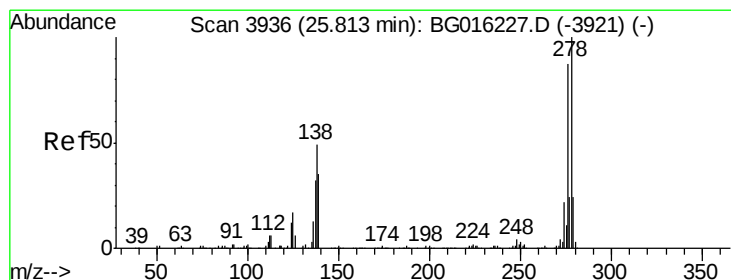
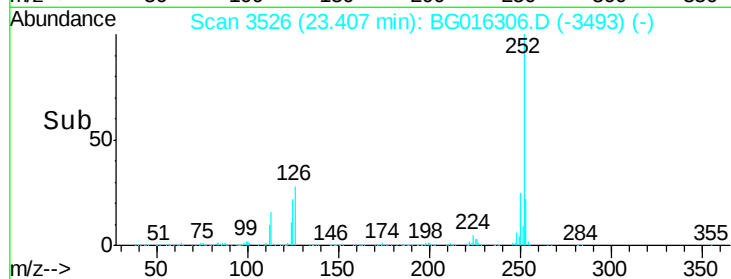
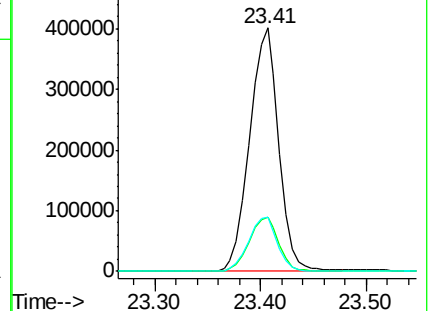
125 22.2 17.6 26.4



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: 33.87 ng

RT: 25.80 min Scan# 3934

Delta R.T. -0.01 min

Lab File: BG016306.D

Acq: 10 Apr 2015 2:02

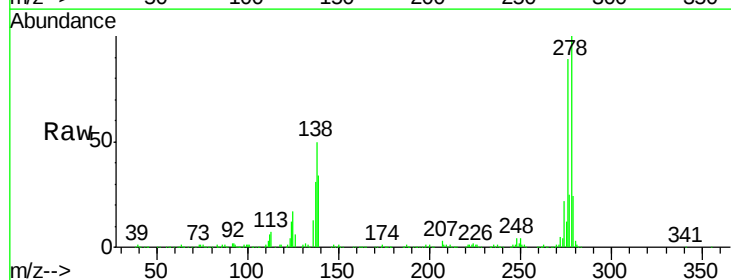
Tgt Ion: 278 Resp: 722101

Ion Ratio Lower Upper

278 100

139 33.9 27.9 41.9

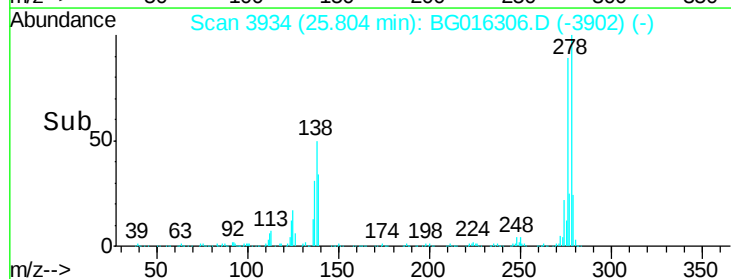
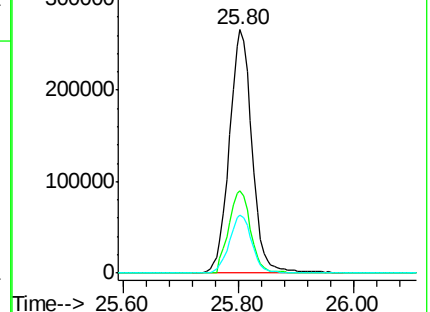
279 24.0 19.5 29.3

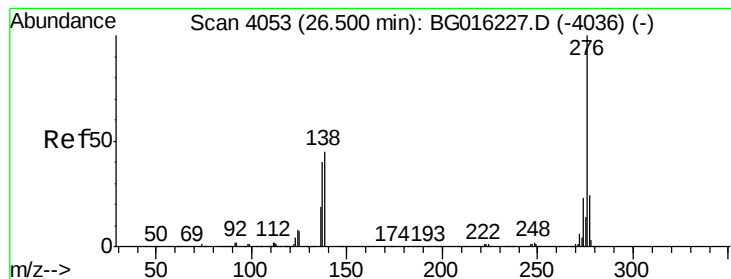


Abundance Ion 278.00 (277.70 to 278.70): E

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: 34.35 ng

RT: 26.50 min Scan# 4052

Delta R.T. -0.00 min

Lab File: BG016306.D

Acq: 10 Apr 2015 2:02

Instrument :

BNA_G

ClientSampleId :

PB82620BS

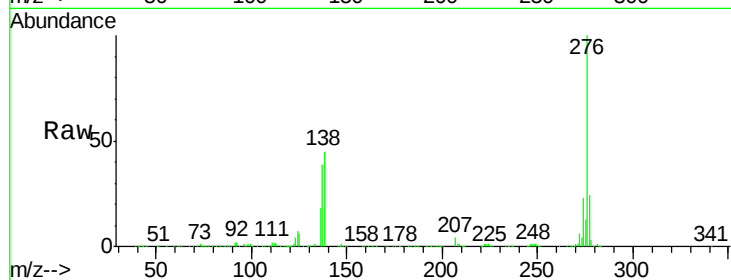
Tgt Ion: 276 Resp: 731471

Ion Ratio Lower Upper

276 100

277 24.1 19.5 29.3

138 44.8 35.7 53.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

