

Data Path : Z:\HPCHEM1\BNA_G\Data\BG040615\
 Data File : BG016237.D
 Acq On : 6 Apr 2015 23:08
 Operator : TP/IZ
 Sample : G1757-05MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LS-SW01MSD

Quant Time: Apr 07 05:58:17 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	65104	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	324130	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	200033	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	419991	20.00	ng	0.00
75) Chrysene-d12	21.26	240	363827	20.00	ng	0.00
86) Perylene-d12	23.50	264	336619	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	225173	54.58	ng	0.00
7) Phenol-d6	6.87	99	239223	38.63	ng	0.00
23) Nitrobenzene-d5	8.86	82	440315	78.69	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	185845	137.38	ng	0.00
44) 2-Fluorobiphenyl	12.96	172	984486	83.80	ng	0.00
78) Terphenyl-d14	19.70	244	1232921	79.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.18	88	19031	10.15	ng	# 96
3) Pyridine	3.57	79	29395	5.24	ng	96
4) n-Nitrosodimethylamine	3.49	42	19665	11.80	ng	99
6) Aniline	7.03	93	93604	10.58	ng	97
8) 2-Chlorophenol	7.27	128	158326	31.96	ng	98
9) Benzaldehyde	6.84	77	108580	29.93	ng	99
10) Phenol	6.90	94	84555	12.76	ng	99
11) bis(2-Chloroethyl)ether	7.13	93	190544	36.07	ng	99
12) 1,3-Dichlorobenzene	7.59	146	168715	33.73	ng	98
13) 1,4-Dichlorobenzene	7.74	146	173272	33.39	ng	97
14) 1,2-Dichlorobenzene	8.05	146	172625	34.78	ng	98
15) Benzyl Alcohol	7.94	79	89355	20.70	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.24	45	226334	38.04	ng	99
17) 2-Methylphenol	8.14	107	135346	30.46	ng	97
18) Hexachloroethane	8.77	117	65542	33.01	ng	98
19) n-Nitroso-di-n-propylamine	8.50	70	167523	37.76	ng	98
20) 3+4-Methylphenols	8.47	107	163397	26.55	ng	99
22) Acetophenone	8.52	105	291438	38.78	ng	# 99
24) Nitrobenzene	8.90	77	228587	38.20	ng	96
25) Isophorone	9.42	82	475649	38.28	ng	99
26) 2-Nitrophenol	9.61	139	110009	39.43	ng	97
27) 2,4-Dimethylphenol	9.67	122	198862	38.26	ng	99
28) bis(2-Chloroethoxy)methane	9.90	93	279461	39.40	ng	100
29) 2,4-Dichlorophenol	10.14	162	166322	40.45	ng	96
30) 1,2,4-Trichlorobenzene	10.35	180	162744	37.91	ng	98
31) Naphthalene	10.54	128	637802	37.76	ng	100
32) Benzoic acid	9.76	122	37019	17.67	ng	99
33) 4-Chloroaniline	10.64	127	142836	18.02	ng	97
34) Hexachlorobutadiene	10.82	225	69874	37.05	ng	100
35) Caprolactam	11.41	113	7498	2.90	ng	94
36) 4-Chloro-3-methylphenol	11.77	107	211985	39.02	ng	99
37) 2-Methylnaphthalene	12.15	142	495926	40.82	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.53	216	170201	38.65	ng	99
40) Hexachlorocyclopentadiene	12.51	237	150372	74.59	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.77	196	131445	40.16	ng	99
43) 2,4,5-Trichlorophenol	12.84	196	146720	41.96	ng	98
45) 1,1'-Biphenyl	13.17	154	620858	40.46	ng	99
46) 2-Chloronaphthalene	13.21	162	465584	39.83	ng	99
47) 2-Nitroaniline	13.42	65	157110	41.70	ng	97
48) Acenaphthylene	14.06	152	812646	39.10	ng	99
49) Dimethylphthalate	13.81	163	618714	42.20	ng	100
50) 2,6-Dinitrotoluene	13.92	165	155204	43.77	ng	96
51) Acenaphthene	14.41	154	506747	40.80	ng	98
52) 3-Nitroaniline	14.25	138	109035	24.08	ng	99
53) 2,4-Dinitrophenol	14.46	184	172158	83.50	ng	99
54) Dibenzofuran	14.74	168	733726	42.57	ng	99
55) 4-Nitrophenol	14.56	139	119870	32.03	ng	99
56) 2,4-Dinitrotoluene	14.71	165	221328	45.83	ng	93
57) Fluorene	15.39	166	642484	42.25	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.96	232	118799	44.02	ng	96
59) Diethylphthalate	15.17	149	669983	42.93	ng	99
60) 4-Chlorophenyl-phenylether	15.39	204	266367	42.82	ng	97
61) 4-Nitroaniline	15.42	138	157414	30.63	ng	95
62) Azobenzene	15.67	77	700073	42.15	ng	99
64) 4,6-Dinitro-2-methylphenol	15.47	198	117774	40.50	ng	94
65) n-Nitrosodiphenylamine	15.60	169	580808	40.91	ng	100
66) 4-Bromophenyl-phenylether	16.27	248	145517	43.39	ng	97
67) Hexachlorobenzene	16.39	284	148871	42.71	ng	97
68) Atrazine	16.55	200	180548	45.63	ng	99
69) Pentachlorophenol	16.73	266	182128	85.58	ng	98
70) Phenanthrene	17.13	178	977104	41.36	ng	99
71) Anthracene	17.21	178	975620	41.67	ng	100
72) Carbazole	17.48	167	1025854	43.66	ng	100
73) Di-n-butylphthalate	18.05	149	1233306	42.90	ng	99
74) Fluoranthene	19.14	202	1023913	42.05	ng	98
76) Benzidine	19.32	184	132633	8.60	ng	97
77) Pyrene	19.50	202	1064355	42.01	ng	99
79) Butylbenzylphthalate	20.40	149	560709	45.05	ng	97
80) Benzo(a)anthracene	21.24	228	895242	41.63	ng	100
81) 3,3'-Dichlorobenzidine	21.18	252	187324	26.49	ng	99
82) Chrysene	21.30	228	858194	41.34	ng	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	755116	44.81	ng	99
84) Di-n-octyl phthalate	22.05	149	1253165	45.65	ng	99
85) Indeno(1,2,3-cd)pyrene	25.80	276	919368	42.63	ng	99
87) Benzo(b)fluoranthene	22.82	252	844424	42.83	ng	99
88) Benzo(k)fluoranthene	22.87	252	833674	43.21	ng	99
89) Benzo(a)pyrene	23.41	252	798904	43.24	ng	98
90) Dibenzo(a,h)anthracene	25.81	278	774877	43.10	ng	98
91) Benzo(g,h,i)perylene	26.50	276	786975	43.82	ng	98

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

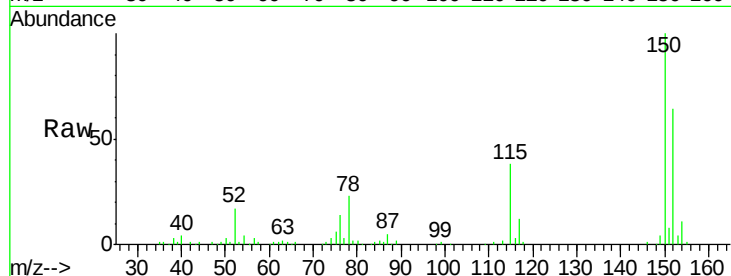


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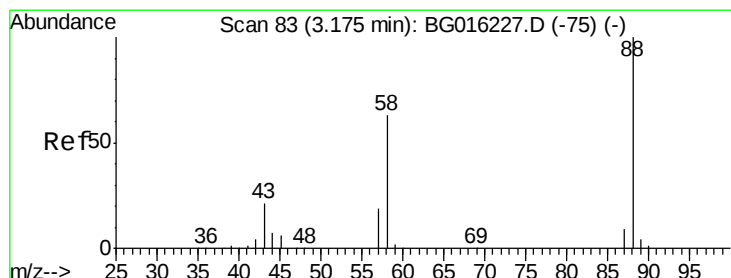
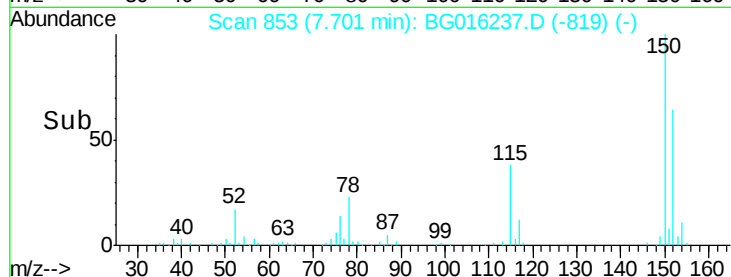
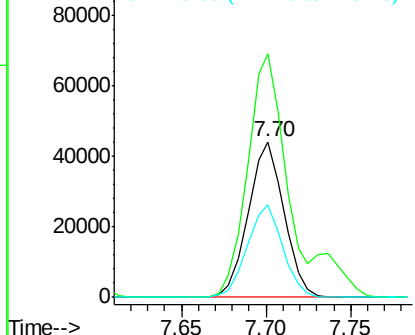
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 853
Delta R.T. 0.00 min
Lab File: BG016237.D
Acq: 6 Apr 2015 23:08

Instrument :
BNA_G
ClientSampleId :
LS-SW01MSD

Tgt Ion:152 Resp: 65104
Ion Ratio Lower Upper
152 100
150 156.2 130.1 195.1
115 59.8 50.5 75.7



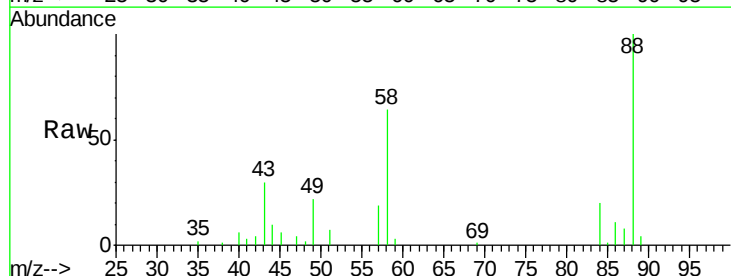
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



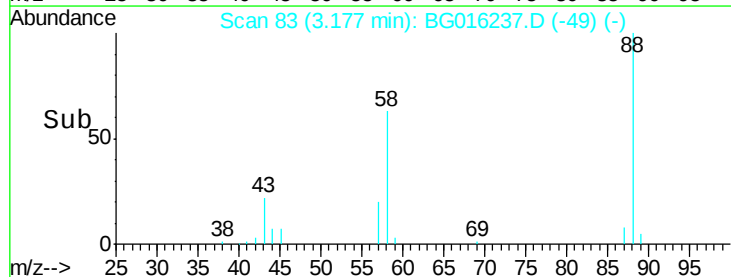
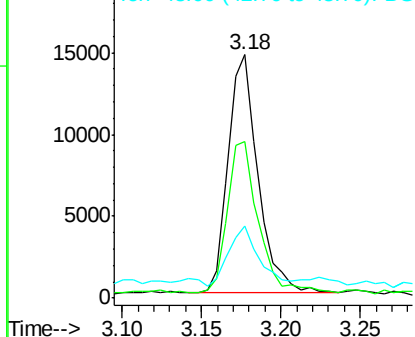
#2

1,4-Dioxane
Concen: 10.15 ng
RT: 3.18 min Scan# 83
Delta R.T. 0.00 min
Lab File: BG016237.D
Acq: 6 Apr 2015 23:08

Tgt Ion: 88 Resp: 19031
Ion Ratio Lower Upper
88 100
58 64.9 50.6 76.0
43 25.7 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

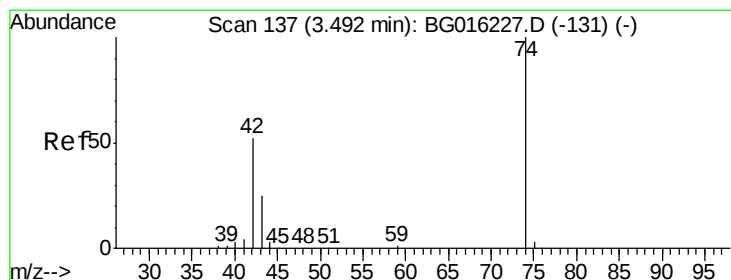
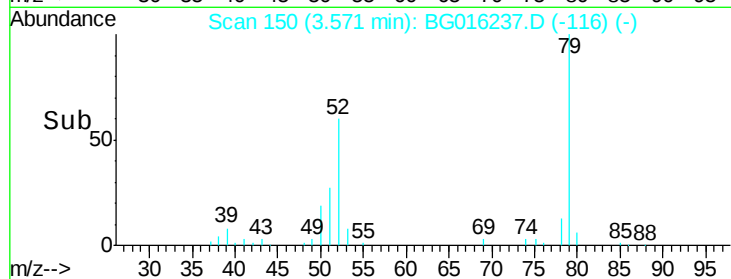
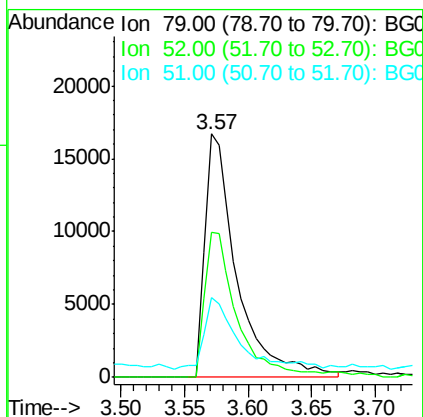
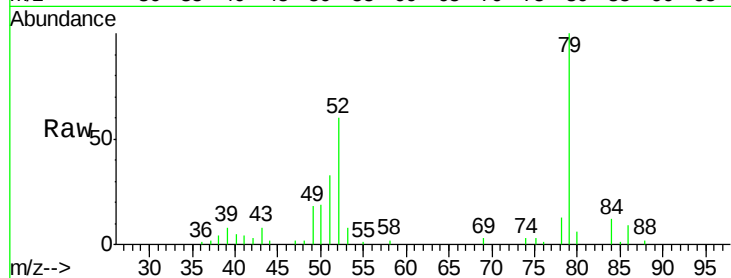




#3
 Pyridine
 Concen: 5.24 ng
 RT: 3.57 min Scan# 150
 Delta R.T. 0.00 min
 Lab File: BG016237.D
 Acq: 6 Apr 2015 23:08

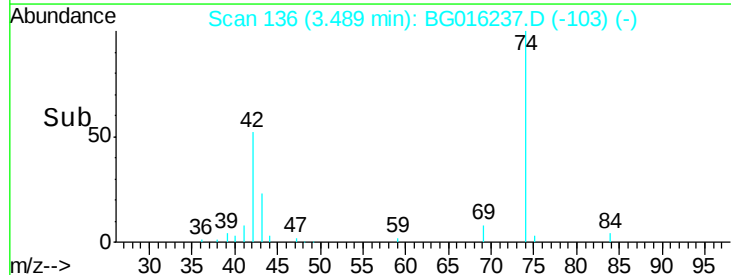
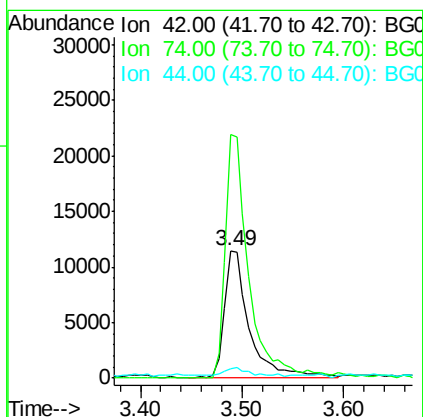
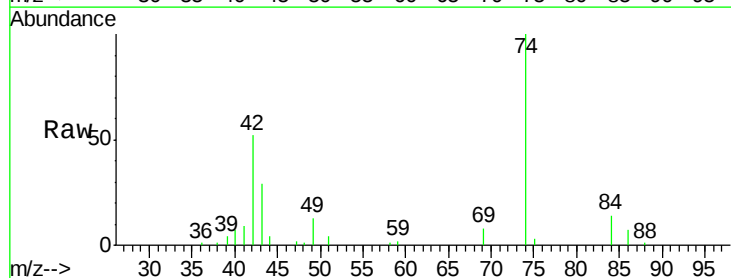
Instrument :
 BNA_G
 ClientSampleId :
 LS-SW01MSD

Tgt Ion: 79 Resp: 29395
 Ion Ratio Lower Upper
 79 100
 52 59.7 49.0 73.4
 51 32.6 22.5 33.7



#4
 n-Nitrosodimethylamine
 Concen: 11.80 ng
 RT: 3.49 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: BG016237.D
 Acq: 6 Apr 2015 23:08

Tgt Ion: 42 Resp: 19665
 Ion Ratio Lower Upper
 42 100
 74 190.6 153.7 230.5
 44 7.6 5.3 7.9





#5

2-Fluorophenol

Concen: 54.58 ng

RT: 5.28 min Scan# 441

Delta R.T. 0.00 min

Lab File: BG016237.D

Acq: 6 Apr 2015 23:08

Instrument :

BNA_G

ClientSampleId :

LS-SW01MSD

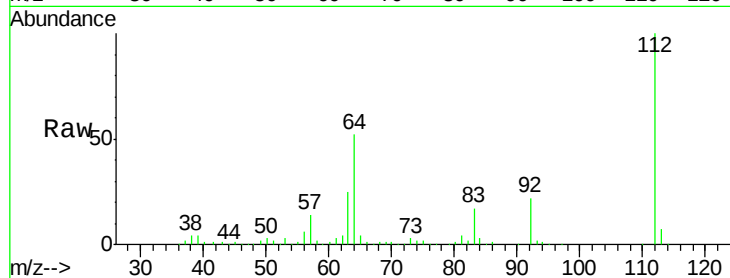
Tgt Ion: 112 Resp: 225173

Ion Ratio Lower Upper

112 100

64 52.5 44.5 66.7

63 25.2 21.4 32.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

200000

150000

100000

50000

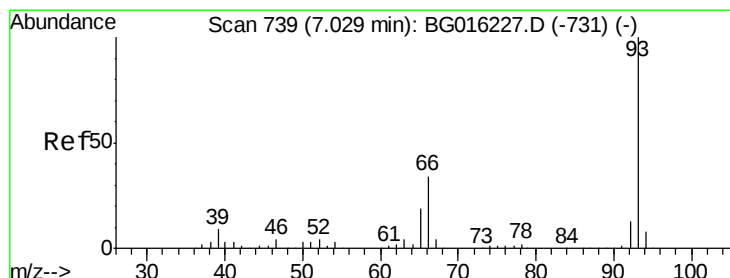
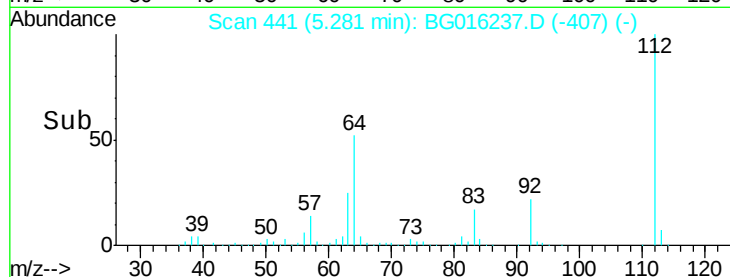
0

5.20

5.30

5.40

Time-->



#6

Aniline

Concen: 10.58 ng

RT: 7.03 min Scan# 738

Delta R.T. -0.00 min

Lab File: BG016237.D

Acq: 6 Apr 2015 23:08

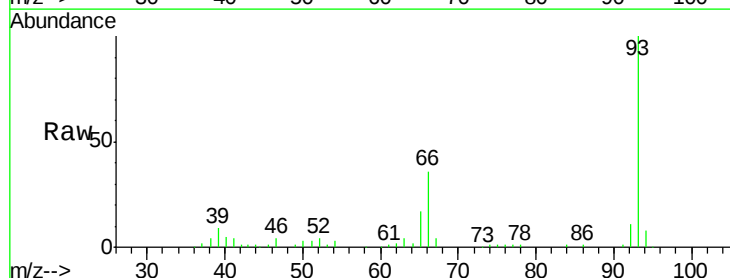
Tgt Ion: 93 Resp: 93604

Ion Ratio Lower Upper

93 100

66 35.6 27.5 41.3

65 17.1 15.1 22.7



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

150000

100000

50000

0

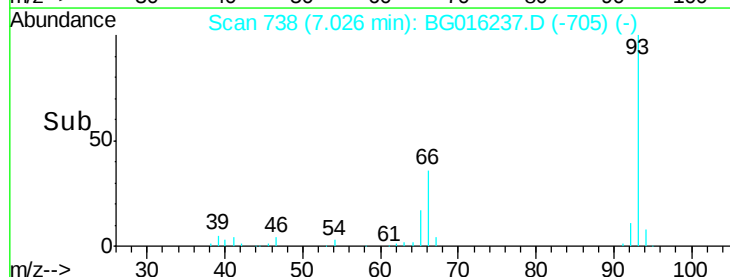
6.95

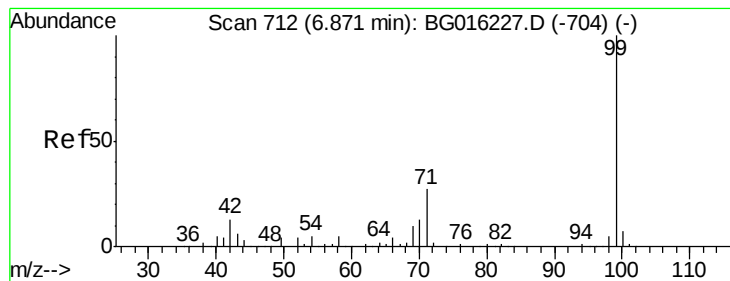
7.00

7.05

7.10

Time-->





#7

Phenol-d6

Concen: 38.63 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG016237.D

Acq: 6 Apr 2015 23:08

Instrument :

BNA_G

ClientSampleId :

LS-SW01MSD

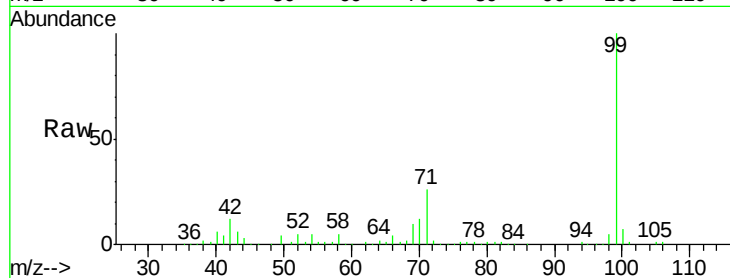
Tgt Ion: 99 Resp: 239223

Ion Ratio Lower Upper

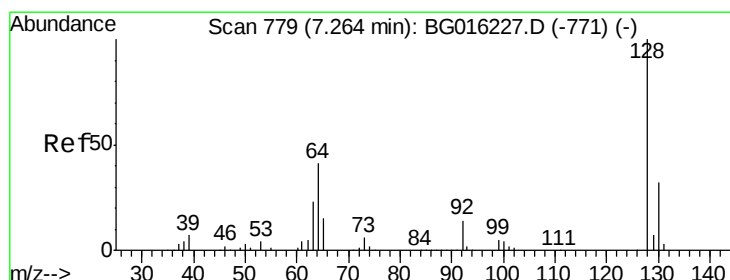
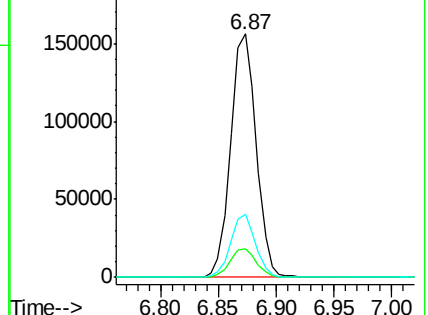
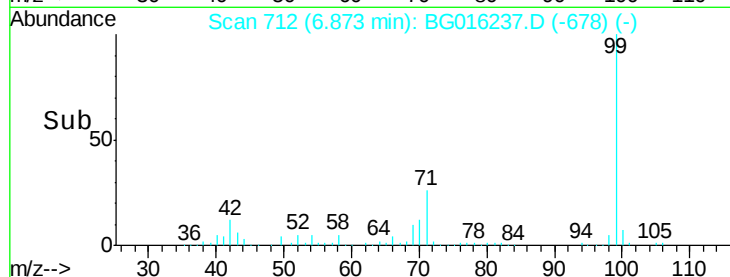
99 100

42 11.8 10.0 15.0

71 25.8 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: 31.96 ng

RT: 7.27 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG016237.D

Acq: 6 Apr 2015 23:08

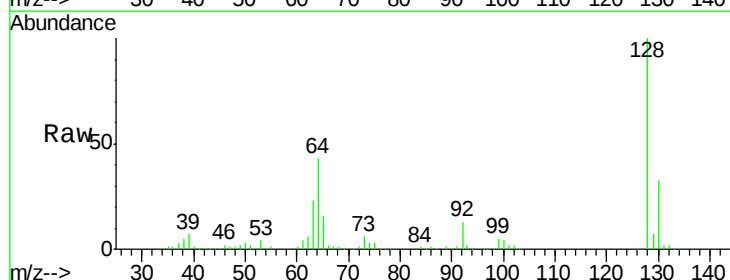
Tgt Ion: 128 Resp: 158326

Ion Ratio Lower Upper

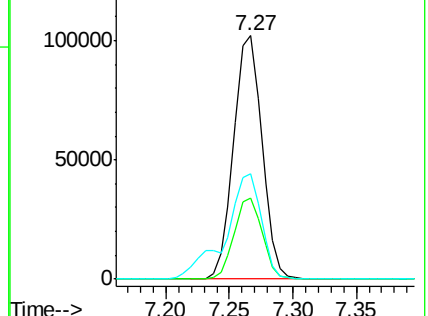
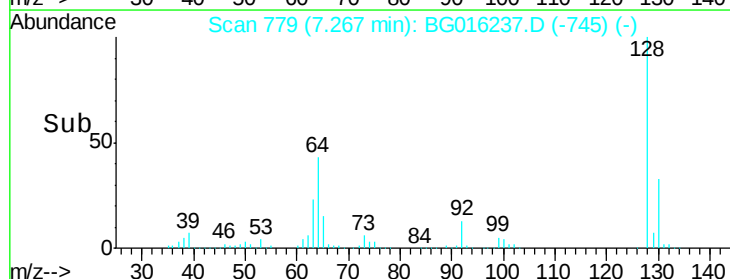
128 100

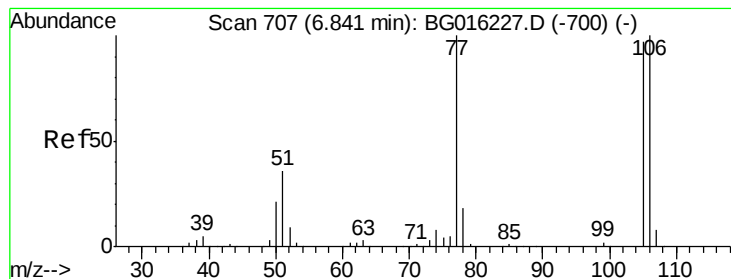
130 33.5 11.6 51.6

64 43.2 24.2 64.2



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 29.93 ng

RT: 6.84 min Scan# 707

Delta R.T. 0.00 min

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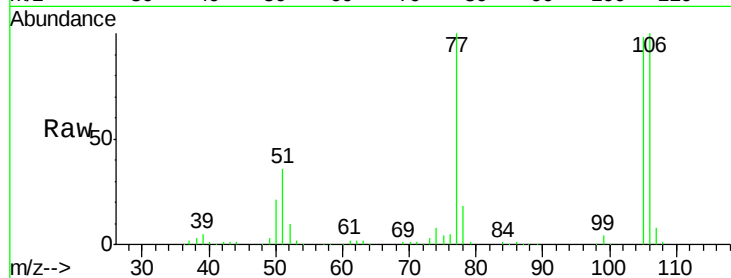
Tgt Ion: 77 Resp: 108580

Ion Ratio Lower Upper

77 100

105 98.4 76.8 116.8

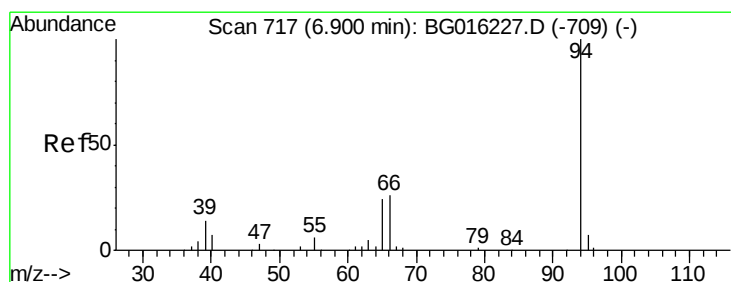
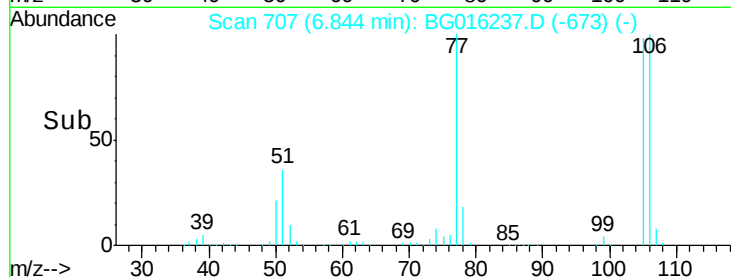
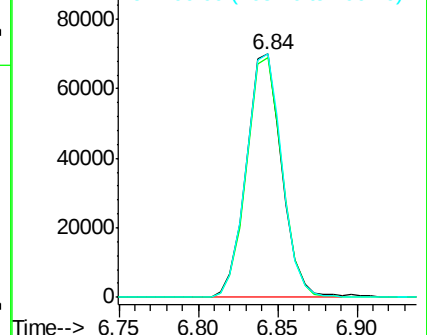
106 100.0 80.1 120.1



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: 12.76 ng

RT: 6.90 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG016237.D

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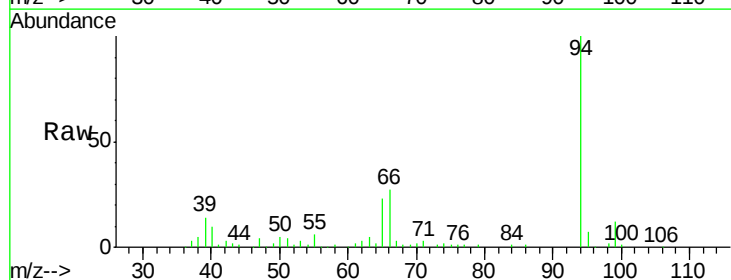
Tgt Ion: 94 Resp: 84555

Ion Ratio Lower Upper

94 100

65 22.9 3.8 43.8

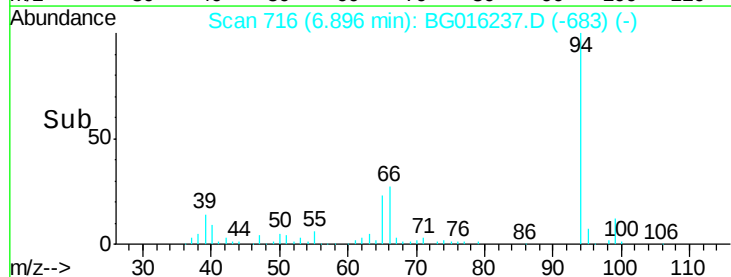
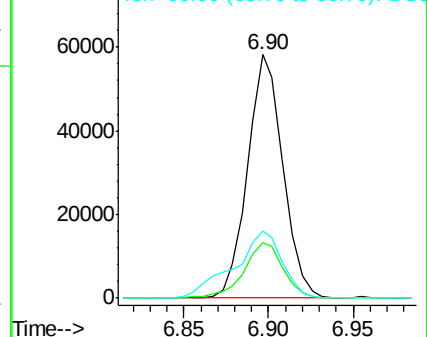
66 27.5 7.4 47.4



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: 36.07 ng

RT: 7.13 min Scan# 756

Delta R.T. 0.00 min

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Instrument :

BNA_G

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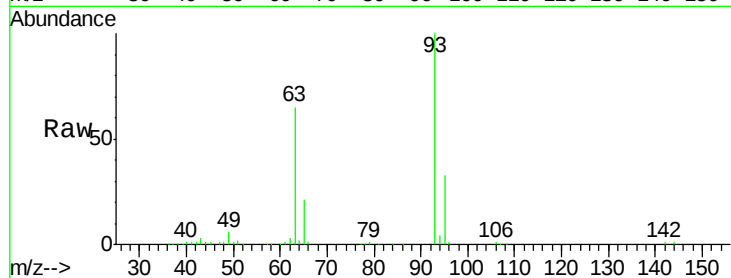
Tgt Ion: 93 Resp: 190544

Ion Ratio Lower Upper

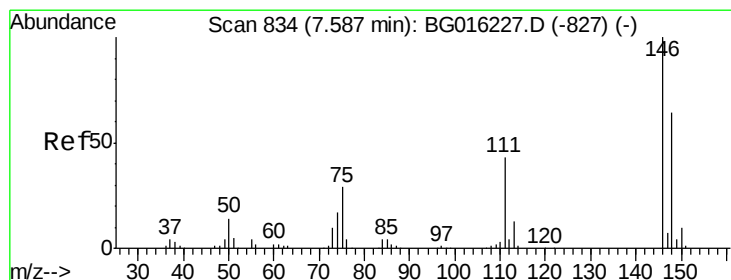
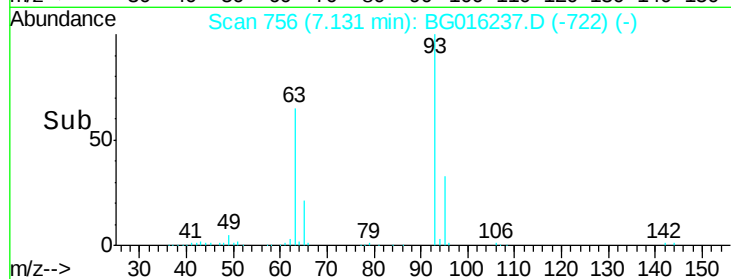
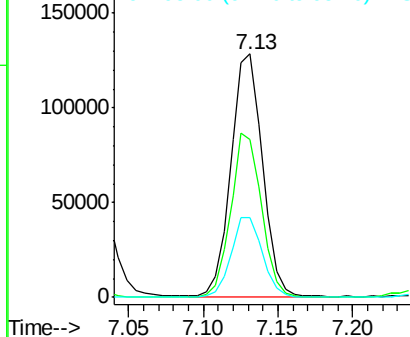
93 100

63 64.8 44.1 84.1

95 32.6 12.5 52.5



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



#12

1,3-Dichlorobenzene

Concen: 33.73 ng

RT: 7.59 min Scan# 834

Delta R.T. 0.00 min

Lab File: BG016237.D

Acq: 6 Apr 2015 23:08

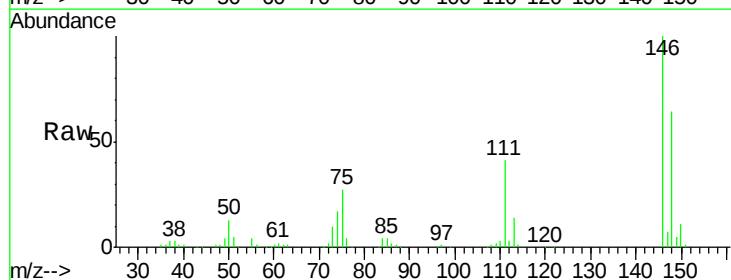
Tgt Ion: 146 Resp: 168715

Ion Ratio Lower Upper

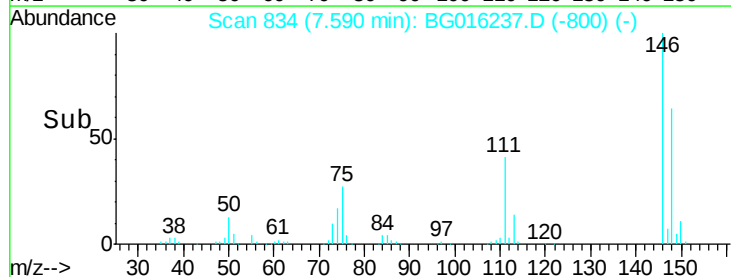
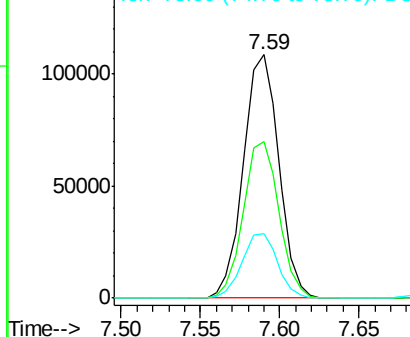
146 100

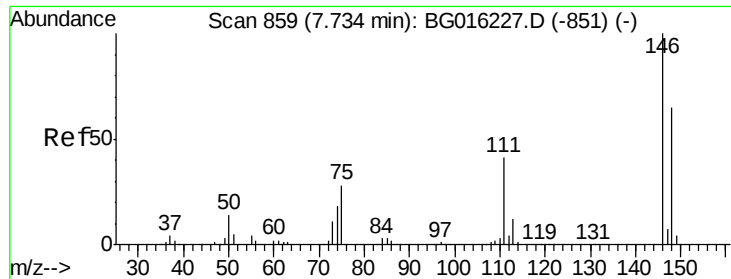
148 64.2 50.9 76.3

75 26.7 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

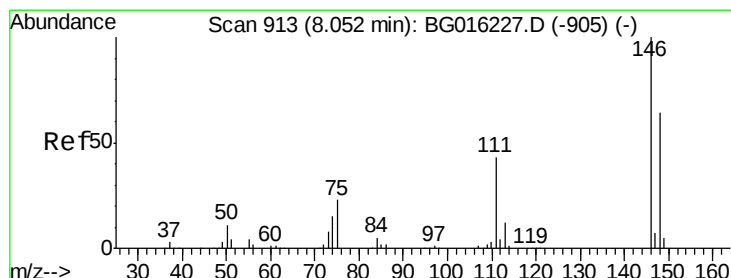
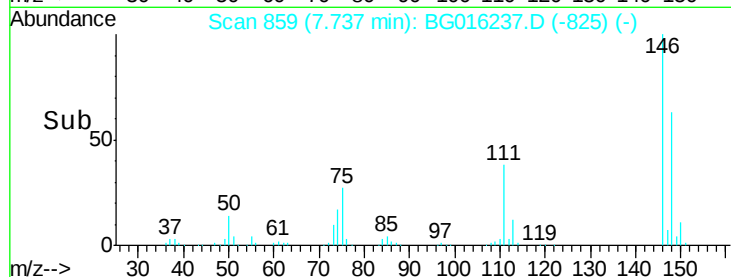
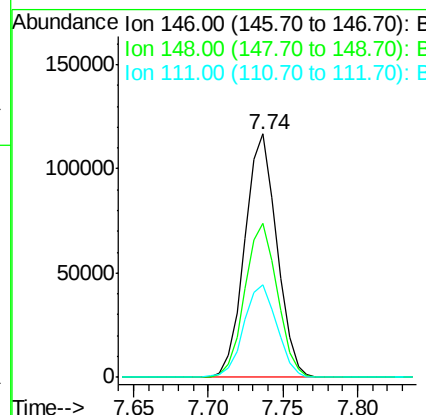
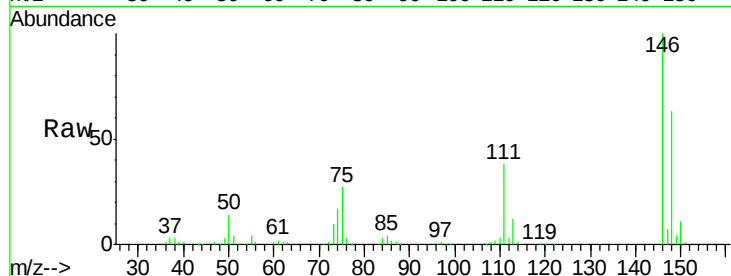




#13
 1,4-Dichlorobenzene
 Concen: 33.39 ng
 RT: 7.74 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BG016237.D
 Acq: 6 Apr 2015 23:08

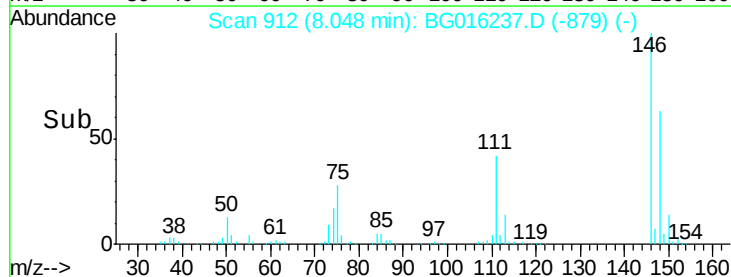
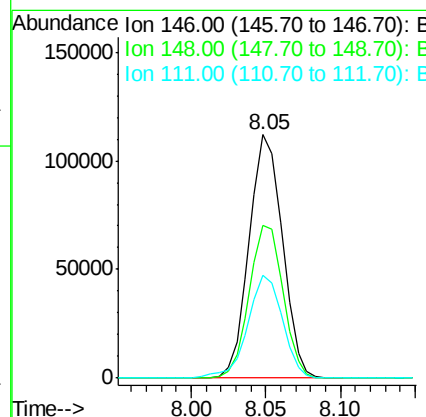
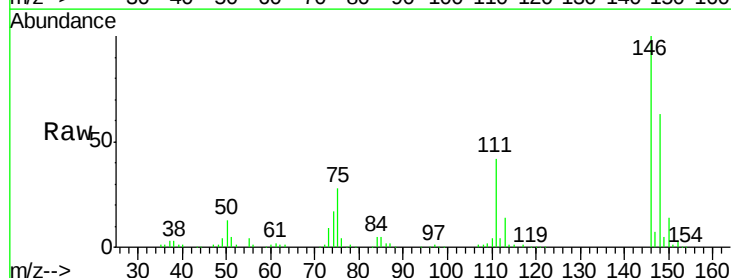
Instrument :
 BNA_G
 ClientSampleId :
 LS-SW01MSD

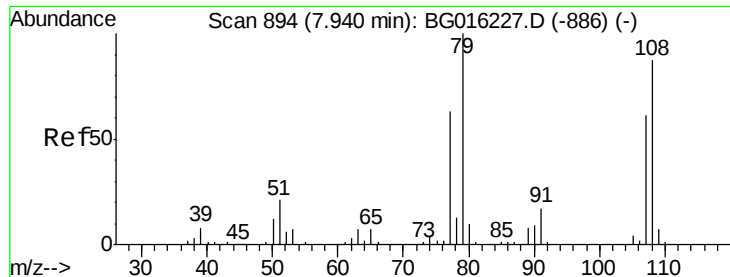
Tgt Ion:146 Resp: 173272
 Ion Ratio Lower Upper
 146 100
 148 63.2 52.0 78.0
 111 37.8 32.6 49.0



#14
 1,2-Dichlorobenzene
 Concen: 34.78 ng
 RT: 8.05 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: BG016237.D
 Acq: 6 Apr 2015 23:08

Tgt Ion:146 Resp: 172625
 Ion Ratio Lower Upper
 146 100
 148 62.7 50.9 76.3
 111 42.0 34.7 52.1





#15

Benzyl Alcohol

Concen: 20.70 ng

RT: 7.94 min Scan# 893

Delta R.T. -0.00 min

Lab File: BG016237.D

Acq: 6 Apr 2015 23:08

Instrument :

BNA_G

ClientSampleId :

LS-SW01MSD

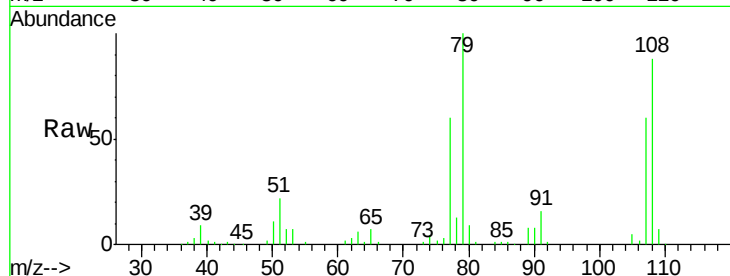
Tgt Ion: 79 Resp: 89355

Ion Ratio Lower Upper

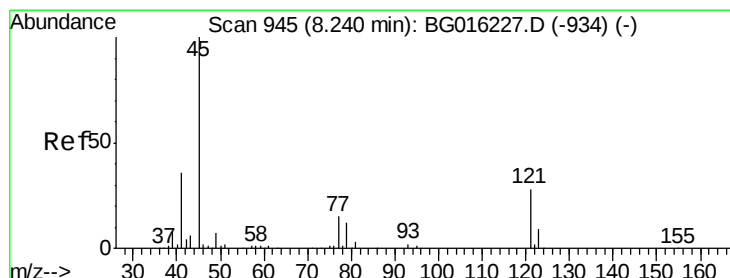
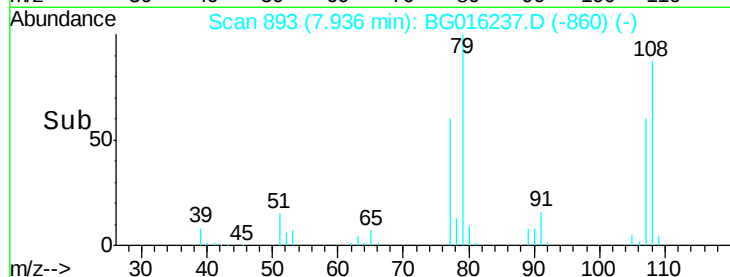
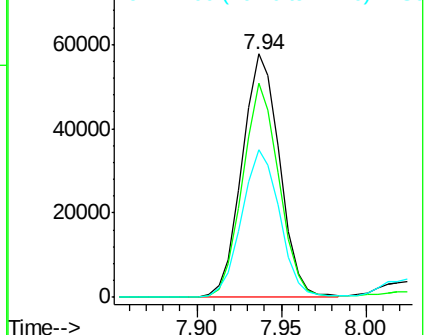
79 100

108 88.0 69.3 103.9

77 60.4 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: 38.04 ng

RT: 8.24 min Scan# 944

Delta R.T. -0.00 min

Lab File: BG016237.D

Acq: 6 Apr 2015 23:08

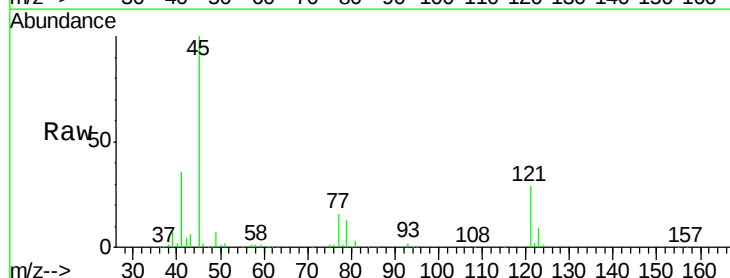
Tgt Ion: 45 Resp: 226334

Ion Ratio Lower Upper

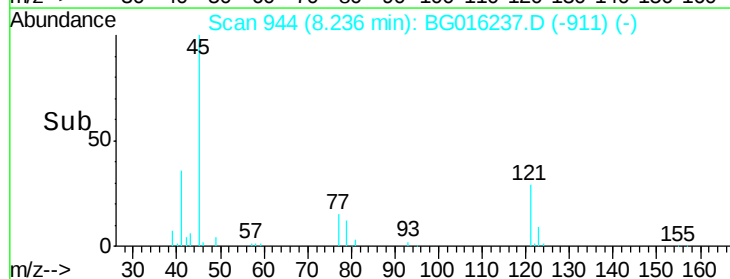
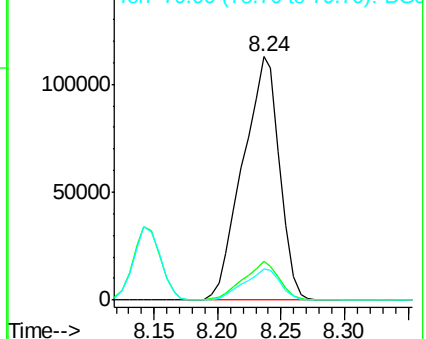
45 100

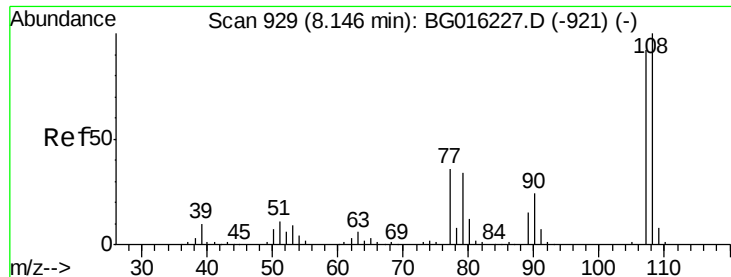
77 15.7 0.0 35.3

79 12.5 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

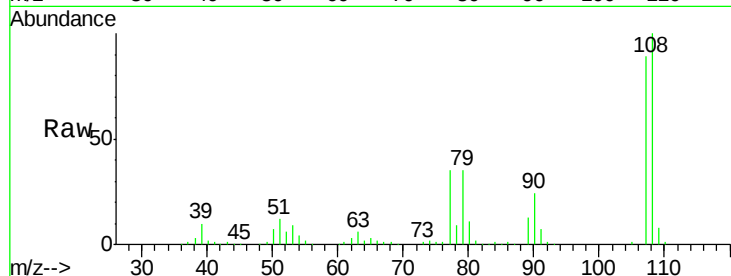




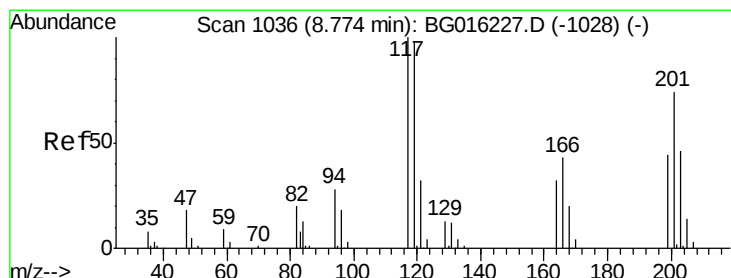
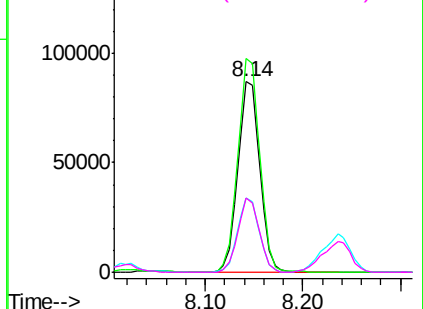
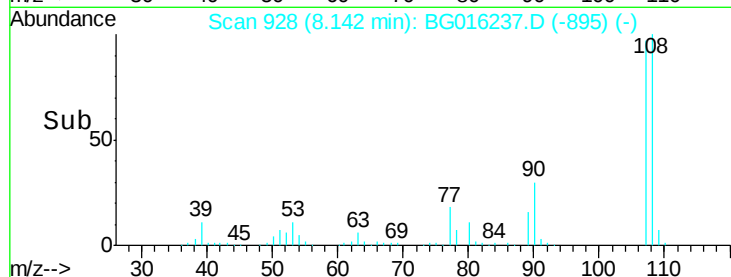
#17
 2-Methylphenol
 Concen: 30.46 ng
 RT: 8.14 min Scan# 928
 Delta R.T. -0.00 min
 Lab File: BG016237.D
 Acq: 6 Apr 2015 23:08

Instrument :
 BNA_G
 ClientSampleId :
 LS-SW01MSD

Tgt Ion:	107	Resp:	135346
Ion	Ratio	Lower	Upper
107	100		
108	112.2	87.2	130.8
77	39.0	31.1	46.7
79	39.0	29.7	44.5

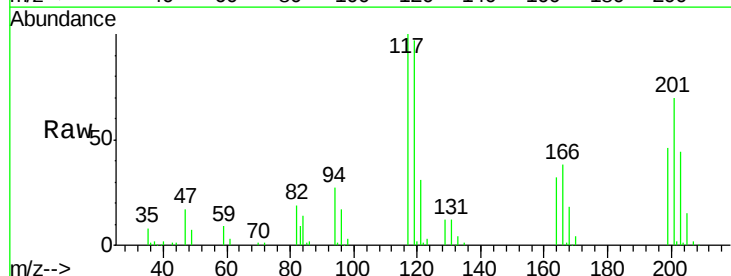


Abundance Ion 107.00 (106.70 to 107.70): E
 150000 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BG
 Ion 79.00 (78.70 to 79.70): BG

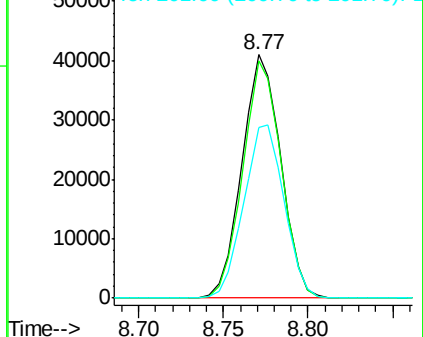
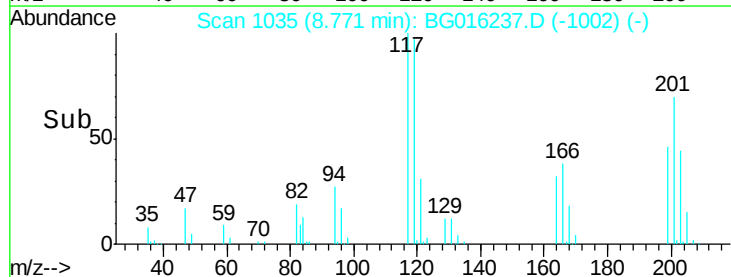


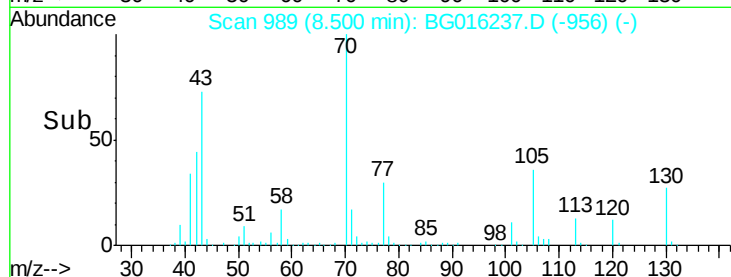
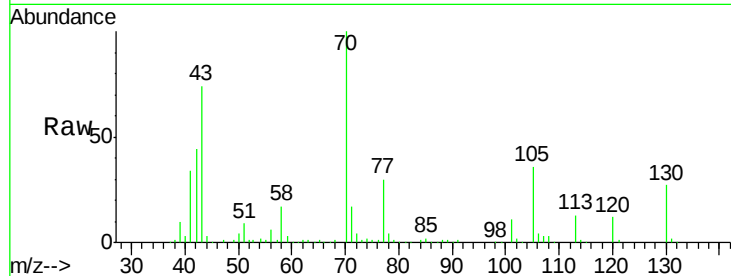
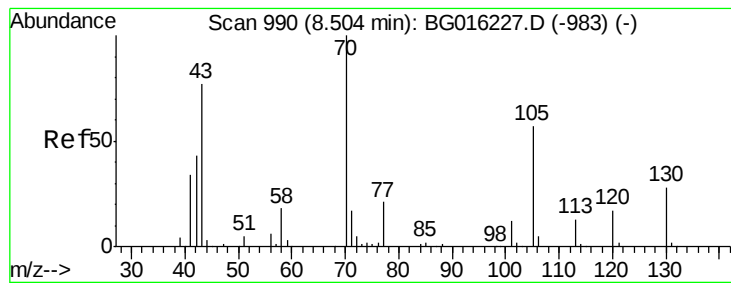
#18
 Hexachloroethane
 Concen: 33.01 ng
 RT: 8.77 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BG016237.D
 Acq: 6 Apr 2015 23:08

Tgt Ion:	117	Resp:	65542
Ion	Ratio	Lower	Upper
117	100		
119	97.4	78.8	118.2
201	70.2	59.0	88.4



Abundance Ion 117.00 (116.70 to 117.70): E
 50000 Ion 119.00 (118.70 to 119.70): E
 Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.76 ng

RT: 8.50 min Scan# 989

Delta R.T. -0.00 min

Lab File: BG016237.D

Acq: 6 Apr 2015 23:08

Instrument :

BNA_G

ClientSampleId :

LS-SW01MSD

Tgt Ion: 70 Resp: 167523

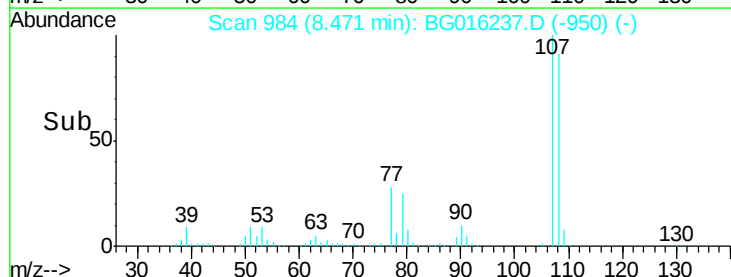
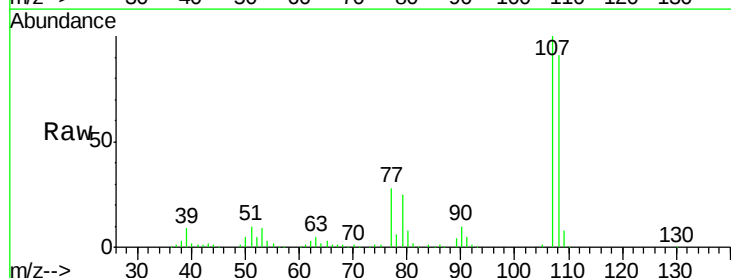
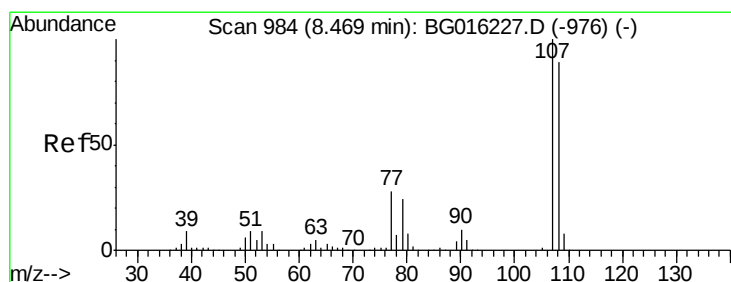
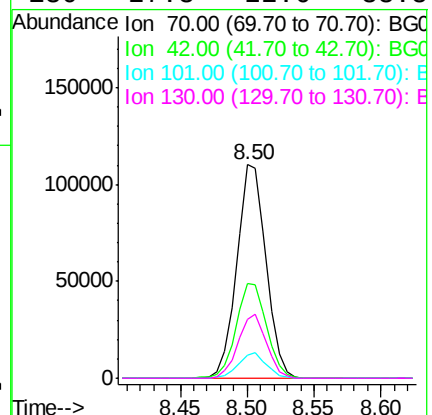
Ion Ratio Lower Upper

70 100

42 44.5 34.7 52.1

101 11.0 9.2 13.8

130 27.3 22.6 33.8



#20

3+4-Methylphenols

Concen: 26.55 ng

RT: 8.47 min Scan# 984

Delta R.T. 0.00 min

Lab File: BG016237.D

Acq: 6 Apr 2015 23:08

Tgt Ion: 107 Resp: 163397

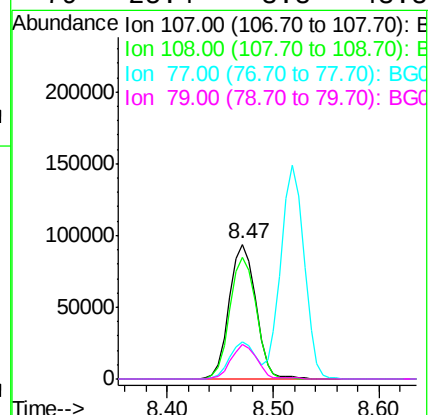
Ion Ratio Lower Upper

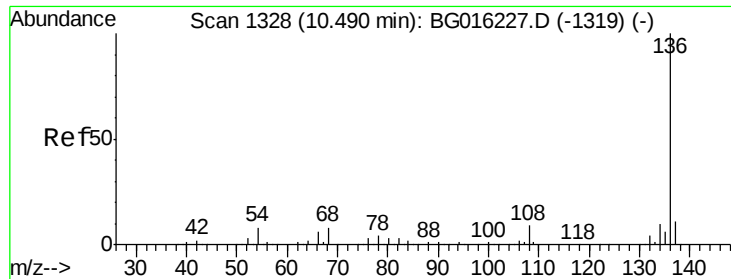
107 100

108 90.5 69.5 109.5

77 28.0 8.2 48.2

79 25.4 3.8 43.8

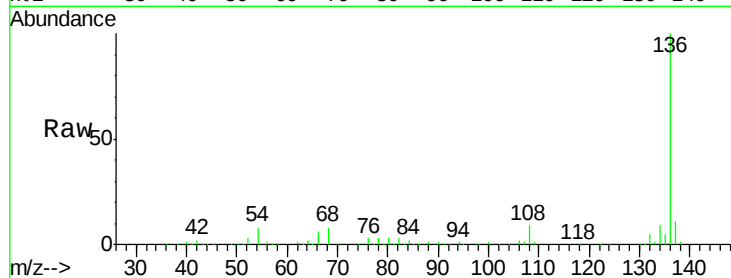




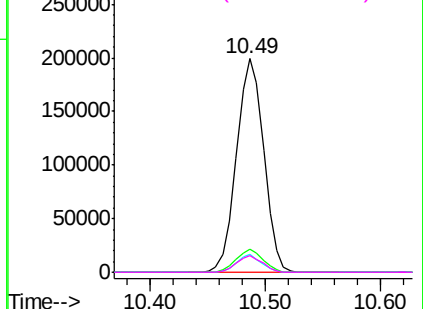
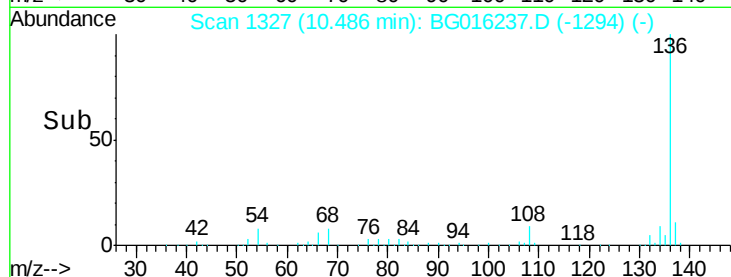
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.49 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BG016237.D
Acq: 6 Apr 2015 23:08

Instrument :
BNA_G
ClientSampleId :
LS-SW01MSD

Tgt Ion:	136	Resp:	324130
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	8.2	6.3	9.5
68	7.8	6.5	9.7

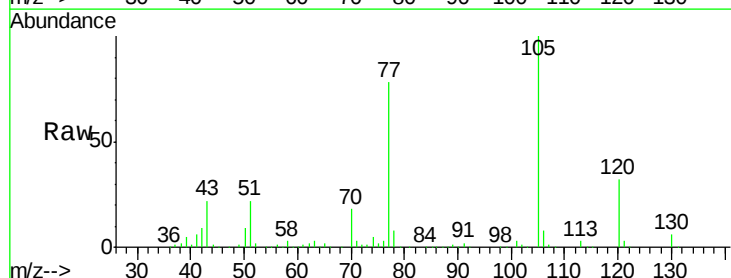


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

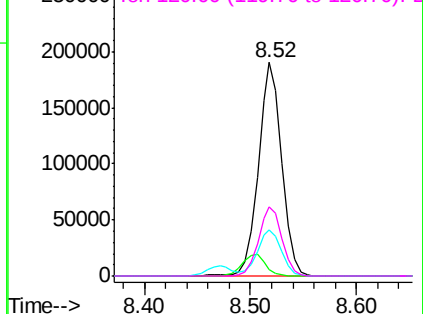
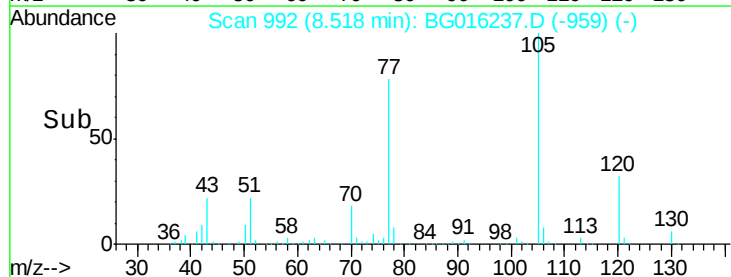


#22
Acetophenone
Concen: 38.78 ng
RT: 8.52 min Scan# 992
Delta R.T. -0.00 min
Lab File: BG016237.D
Acq: 6 Apr 2015 23:08

Tgt Ion:	105	Resp:	291438
Ion	Ratio	Lower	Upper
105	100		
71	3.1	2.0	3.0#
51	21.6	17.9	26.9
120	32.4	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

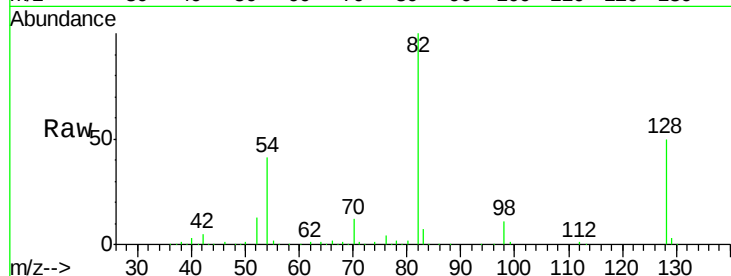




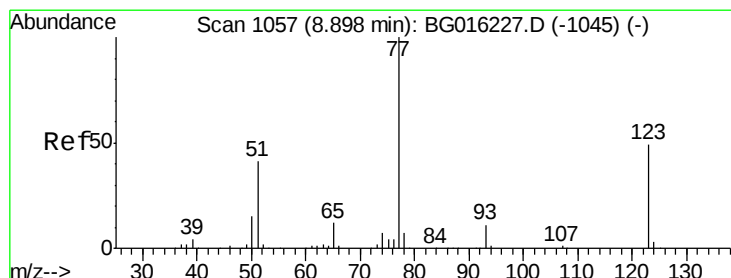
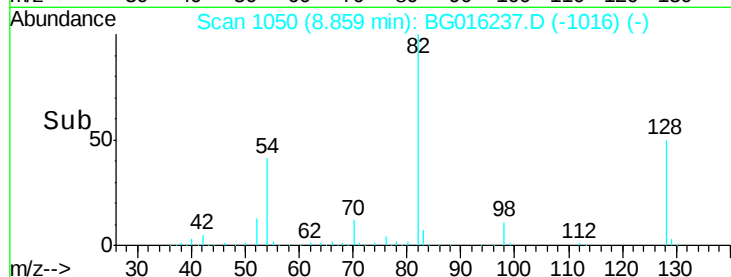
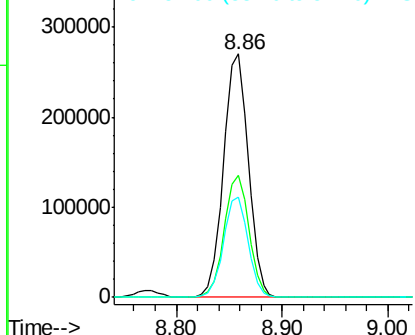
#23
 Nitrobenzene-d5
 Concen: 78.69 ng
 RT: 8.86 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BG016237.D
 Acq: 6 Apr 2015 23:08

Instrument :
 BNA_G
 ClientSampleId :
 LS-SW01MSD

Tgt Ion: 82 Resp: 440315
 Ion Ratio Lower Upper
 82 100
 128 49.9 37.8 56.8
 54 41.1 32.6 49.0

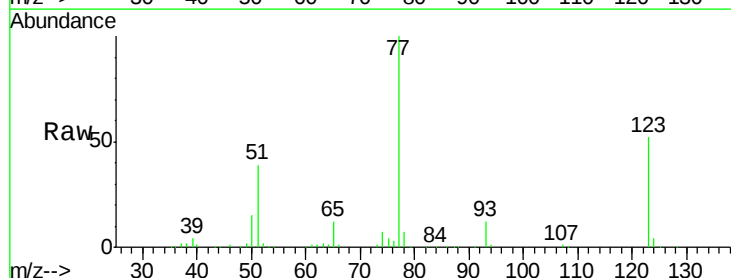


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

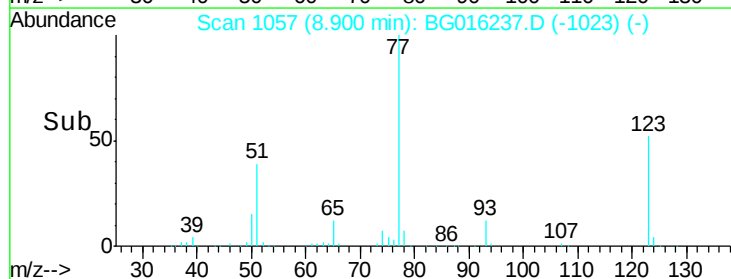
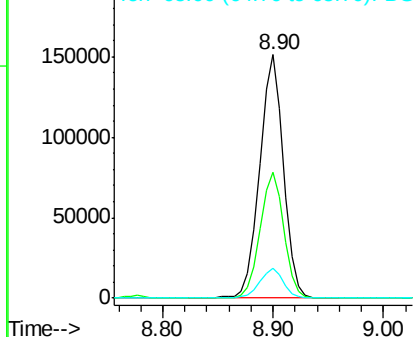


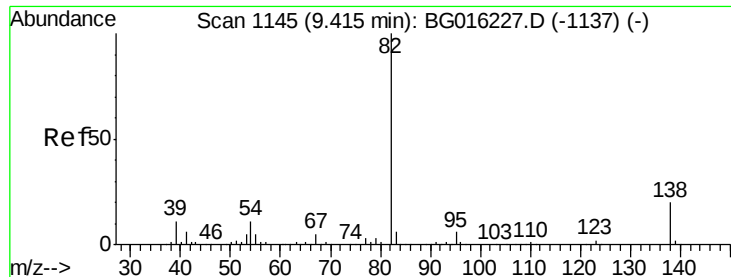
#24
 Nitrobenzene
 Concen: 38.20 ng
 RT: 8.90 min Scan# 1057
 Delta R.T. 0.00 min
 Lab File: BG016237.D
 Acq: 6 Apr 2015 23:08

Tgt Ion: 77 Resp: 228587
 Ion Ratio Lower Upper
 77 100
 123 51.6 38.8 58.2
 65 12.4 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: 38.28 ng

RT: 9.42 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BG016237.D

Acq: 6 Apr 2015 23:08

Instrument :

BNA_G

ClientSampleId :

LS-SW01MSD

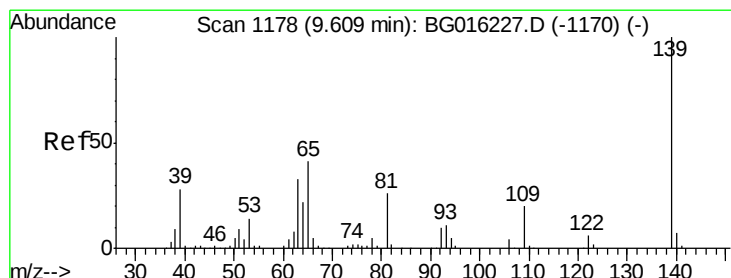
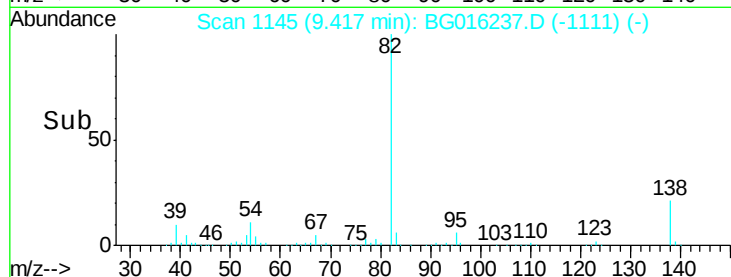
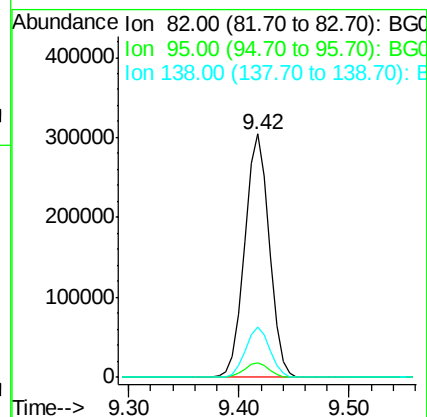
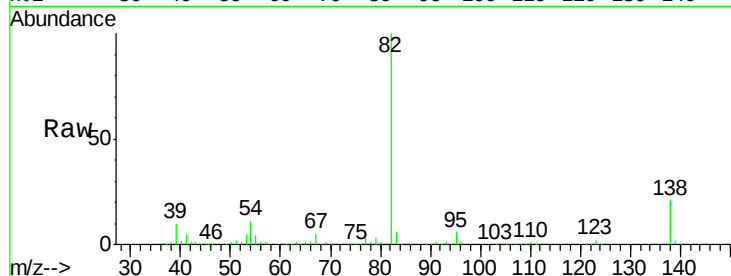
Tgt Ion: 82 Resp: 475649

Ion Ratio Lower Upper

82 100

95 6.1 5.0 7.6

138 20.6 16.2 24.2



#26

2-Nitrophenol

Concen: 39.43 ng

RT: 9.61 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BG016237.D

Acq: 6 Apr 2015 23:08

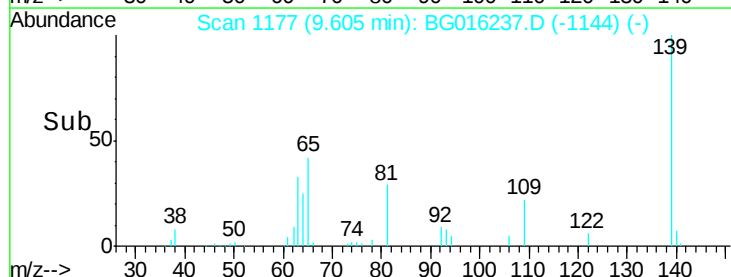
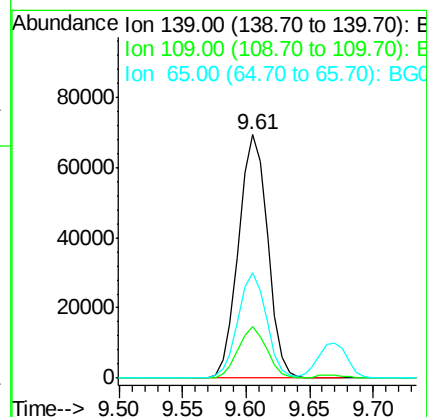
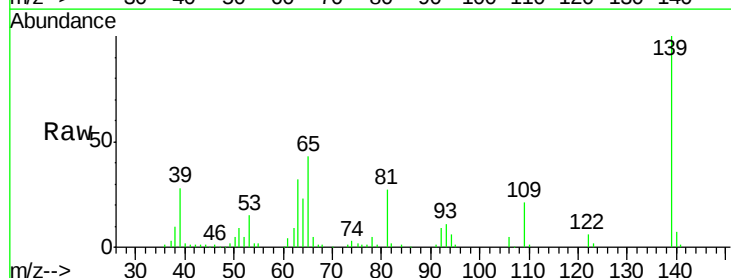
Tgt Ion: 139 Resp: 110009

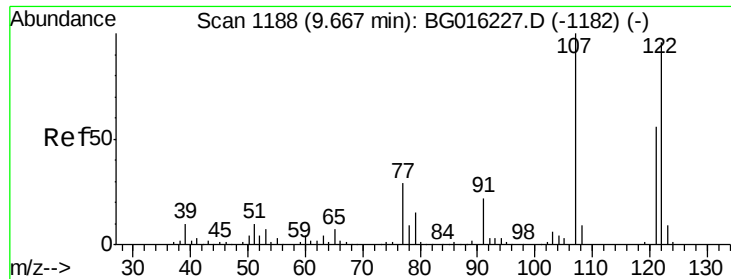
Ion Ratio Lower Upper

139 100

109 21.0 15.9 23.9

65 43.2 32.9 49.3

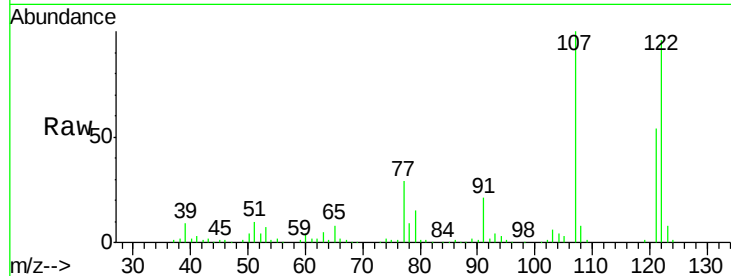




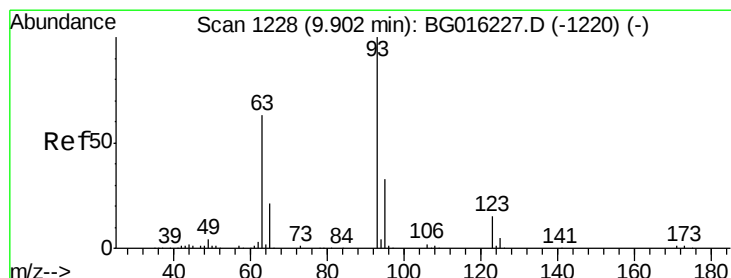
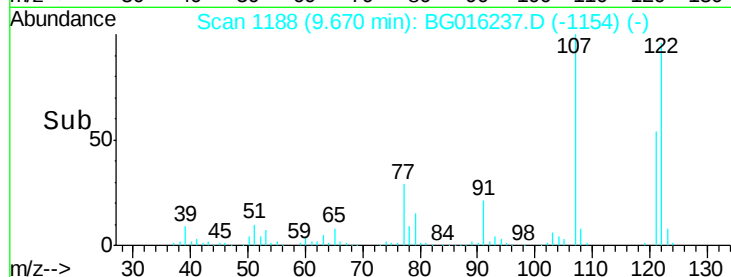
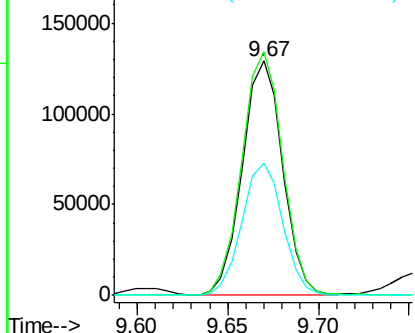
#27
 2,4-Dimethylphenol
 Concen: 38.26 ng
 RT: 9.67 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BG016237.D
 Acq: 6 Apr 2015 23:08

Instrument :
 BNA_G
 ClientSampleId :
 LS-SW01MSD

Tgt Ion: 122 Resp: 198862
 Ion Ratio Lower Upper
 122 100
 107 103.8 83.4 125.2
 121 56.3 46.2 69.4

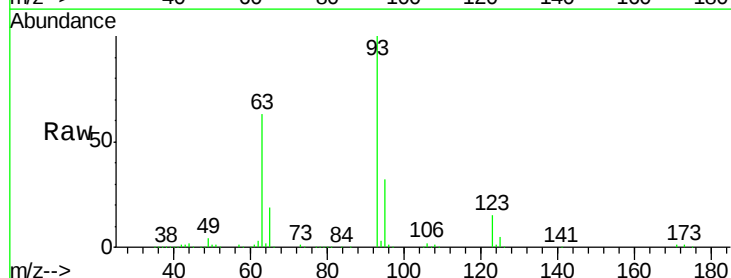


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

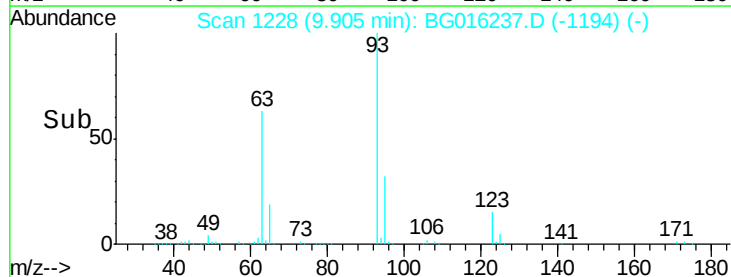
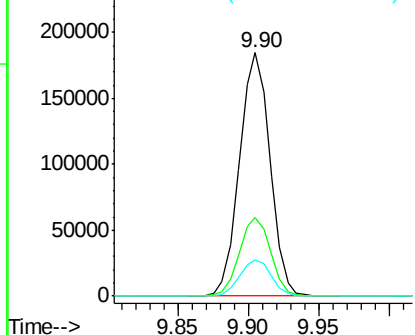


#28
 bis(2-Chloroethoxy)methane
 Concen: 39.40 ng
 RT: 9.90 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BG016237.D
 Acq: 6 Apr 2015 23:08

Tgt Ion: 93 Resp: 279461
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.1 39.1
 123 14.7 11.8 17.8



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

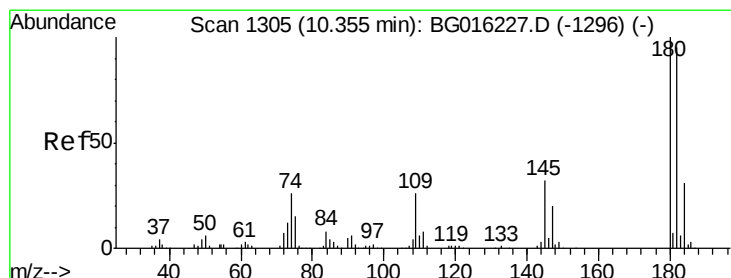
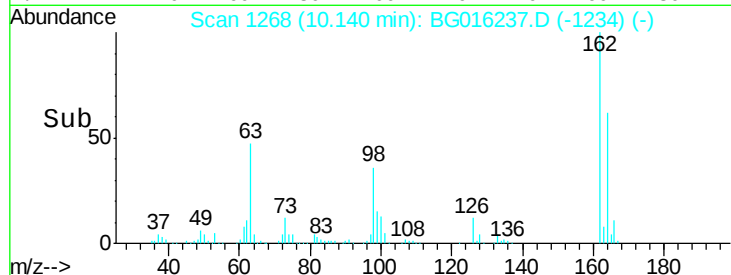
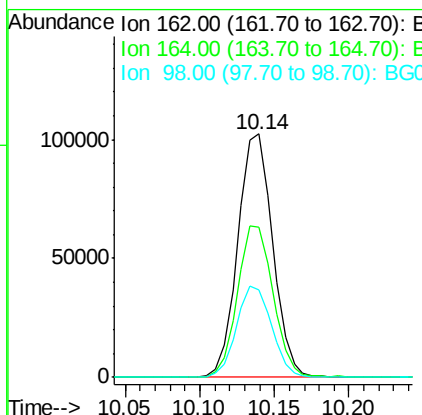
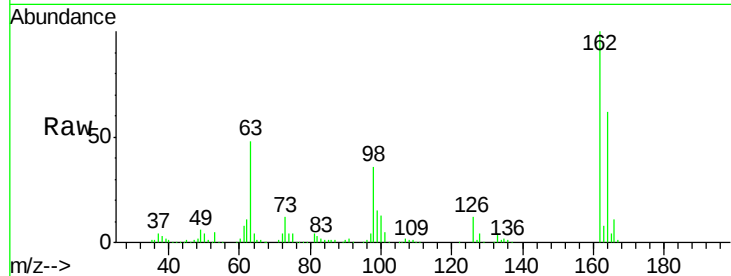




#29
 2,4-Dichlorophenol
 Concen: 40.45 ng
 RT: 10.14 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: BG016237.D
 Acq: 6 Apr 2015 23:08

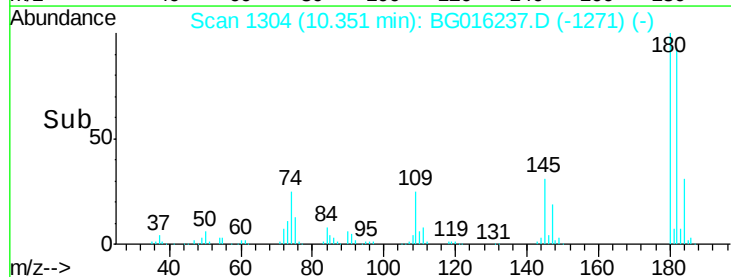
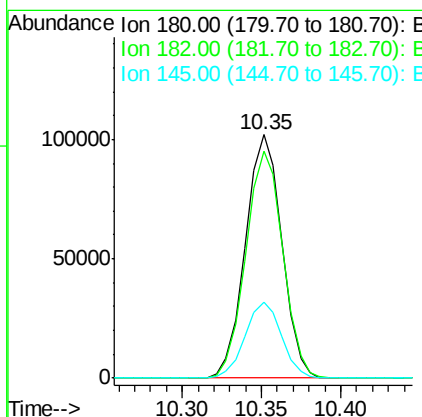
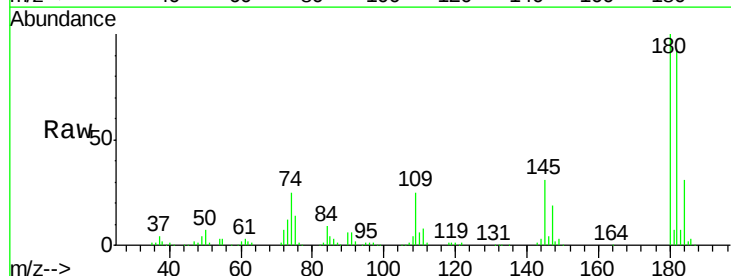
Instrument :
 BNA_G
 ClientSampleId :
 LS-SW01MSD

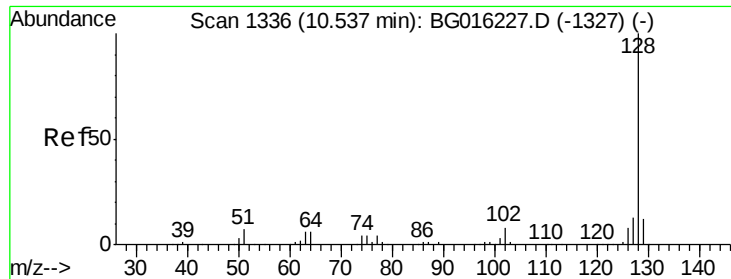
Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.9	45.0	85.0
98	35.8	19.1	59.1



#30
 1,2,4-Trichlorobenzene
 Concen: 37.91 ng
 RT: 10.35 min Scan# 1304
 Delta R.T. -0.00 min
 Lab File: BG016237.D
 Acq: 6 Apr 2015 23:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	76.3	114.5
145	31.3	25.2	37.8

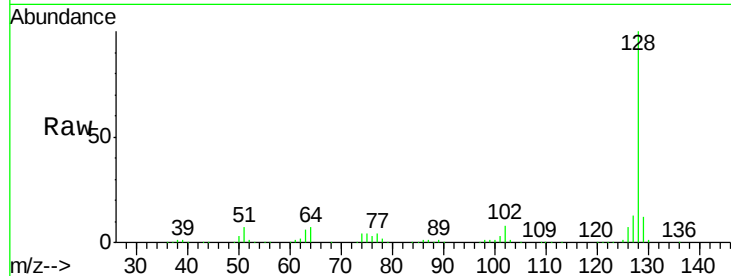




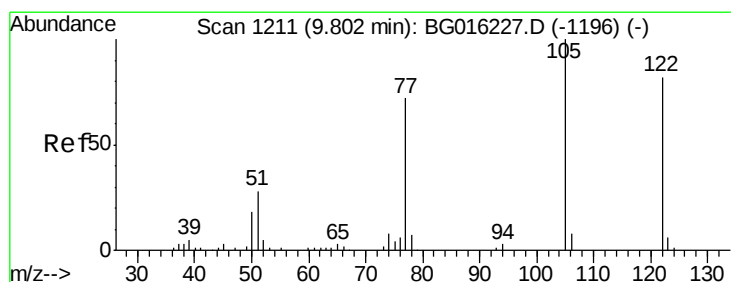
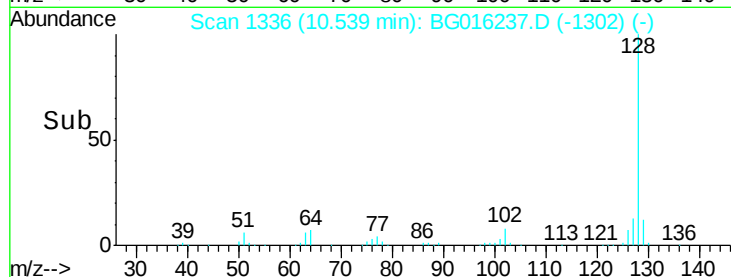
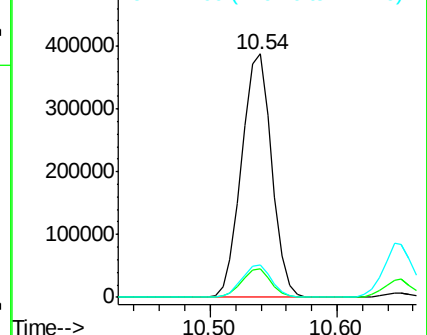
#31
Naphthalene
Concen: 37.76 ng
RT: 10.54 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BG016237.D
Acq: 6 Apr 2015 23:08

Instrument :
BNA_G
ClientSampleId :
LS-SW01MSD

Tgt Ion:128 Resp: 637802
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.2 10.6 16.0

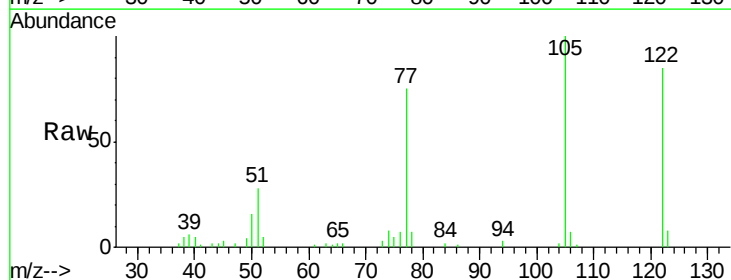


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

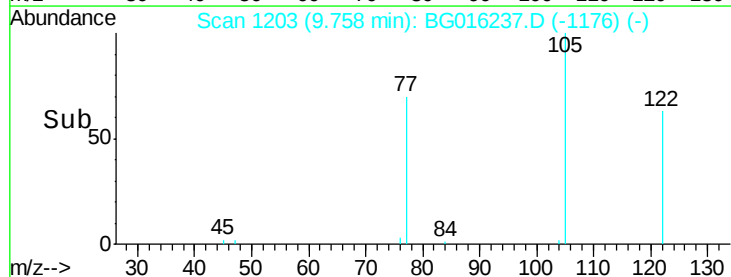
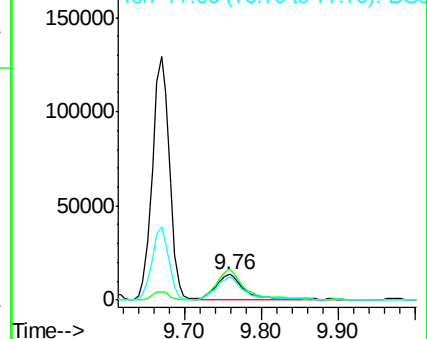


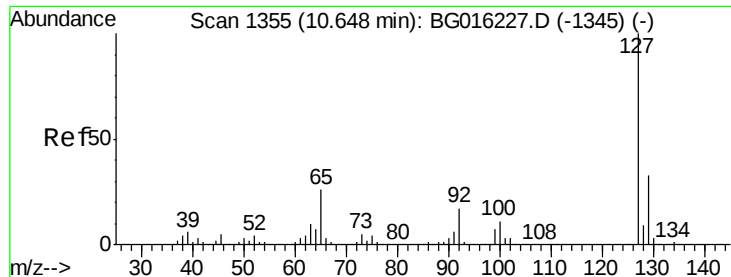
#32
Benzoic acid
Concen: 17.67 ng
RT: 9.76 min Scan# 1203
Delta R.T. -0.04 min
Lab File: BG016237.D
Acq: 6 Apr 2015 23:08

Tgt Ion:122 Resp: 37019
Ion Ratio Lower Upper
122 100
105 118.1 99.7 139.7
77 88.2 66.8 106.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

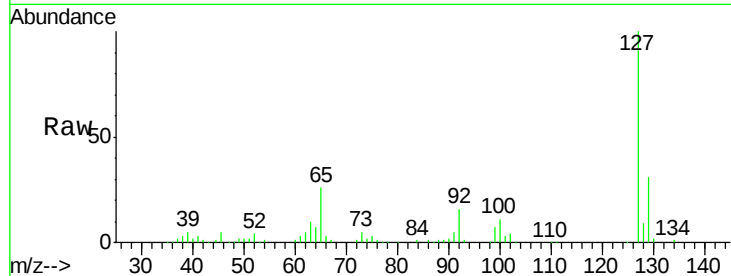




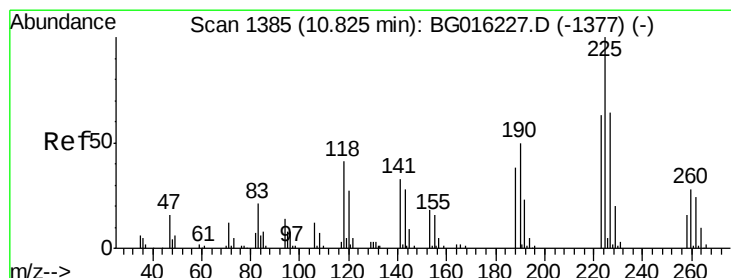
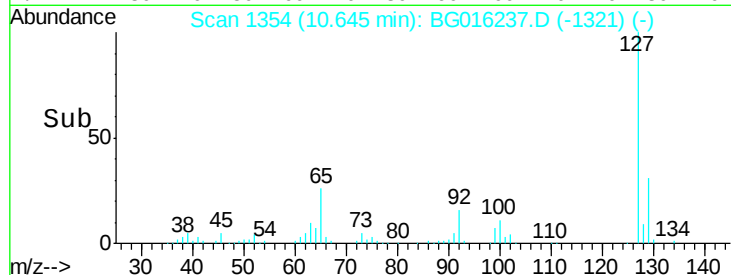
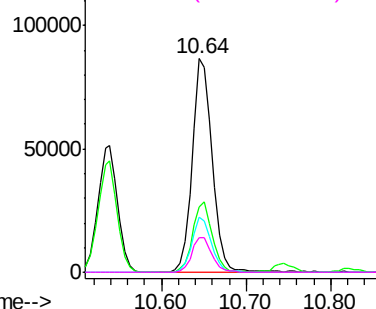
#33
4-Chloroaniline
Concen: 18.02 ng
RT: 10.64 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG016237.D
Acq: 6 Apr 2015 23:08

Instrument :
BNA_G
ClientSampleId :
LS-SW01MSD

Tgt Ion:	127	Resp:	142836
Ion	Ratio	Lower	Upper
127	100		
129	30.5	26.1	39.1
65	25.6	21.2	31.8
92	16.2	13.8	20.6

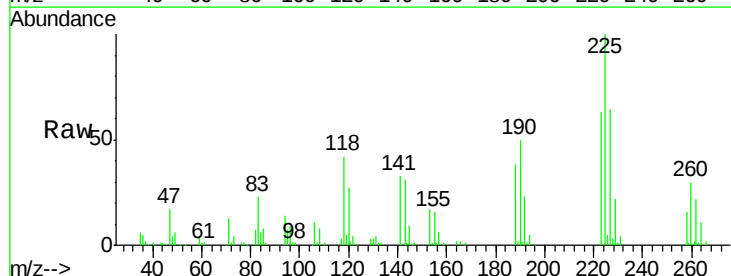


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

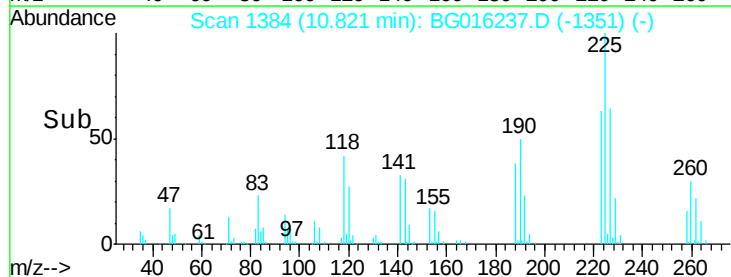
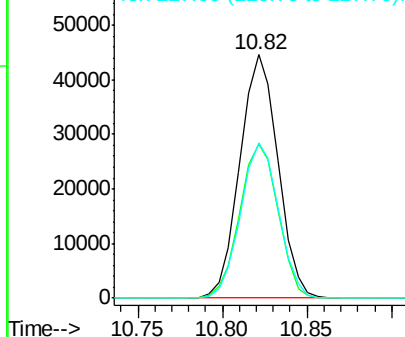


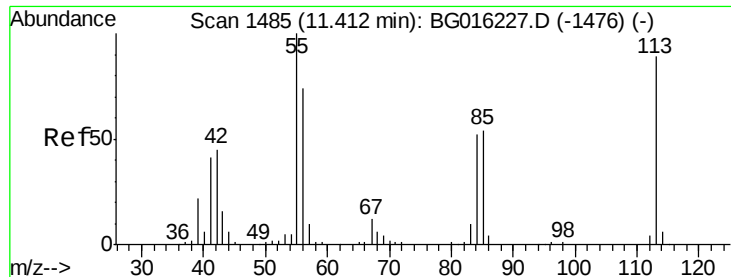
#34
Hexachlorobutadiene
Concen: 37.05 ng
RT: 10.82 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BG016237.D
Acq: 6 Apr 2015 23:08

Tgt Ion:	225	Resp:	69874
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.4	75.6
227	64.0	51.2	76.8



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





#35

Caprolactam

Concen: 2.90 ng

RT: 11.41 min Scan# 1484

Delta R.T. -0.00 min

Lab File: BG016237.D

Acq: 6 Apr 2015 23:08

Instrument :

BNA_G

ClientSampleId :

LS-SW01MSD

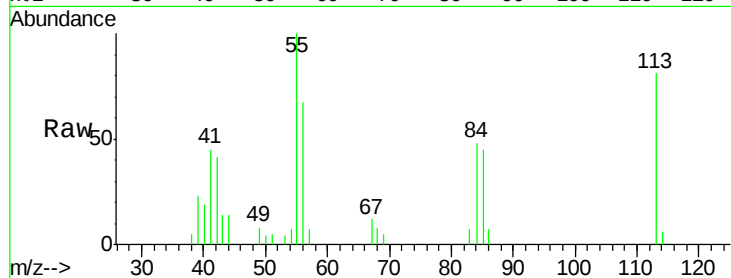
Tgt Ion:113 Resp: 7498

Ion Ratio Lower Upper

113 100

55 124.1 92.4 132.4

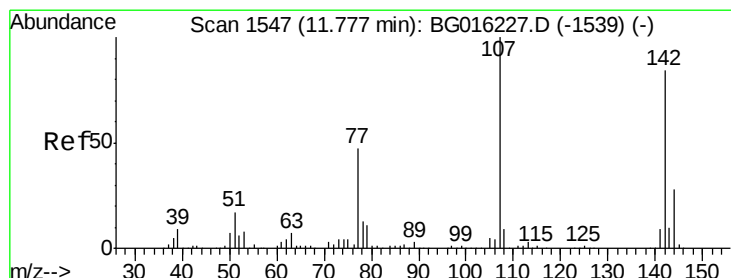
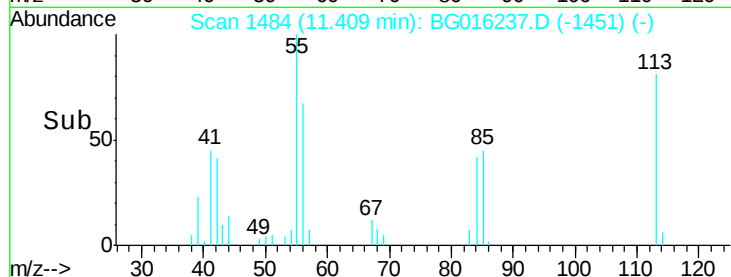
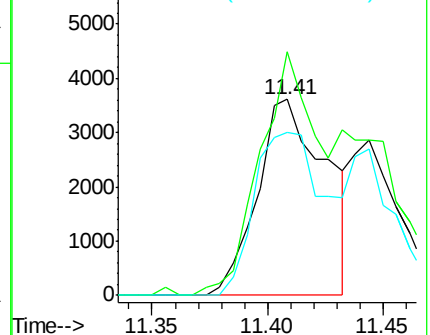
56 83.4 63.2 103.2



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: 39.02 ng

RT: 11.77 min Scan# 1546

Delta R.T. -0.00 min

Lab File: BG016237.D

Acq: 6 Apr 2015 23:08

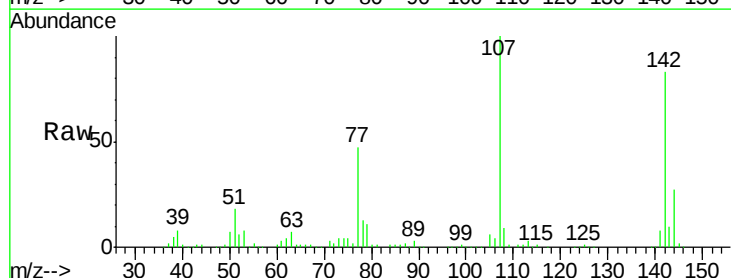
Tgt Ion:107 Resp: 211985

Ion Ratio Lower Upper

107 100

144 27.1 22.0 33.0

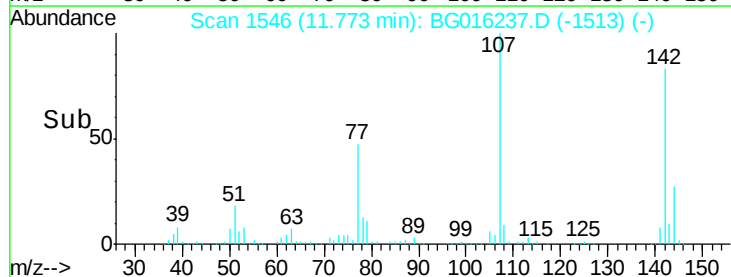
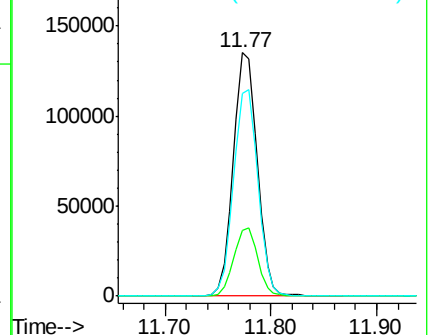
142 83.4 67.0 100.6

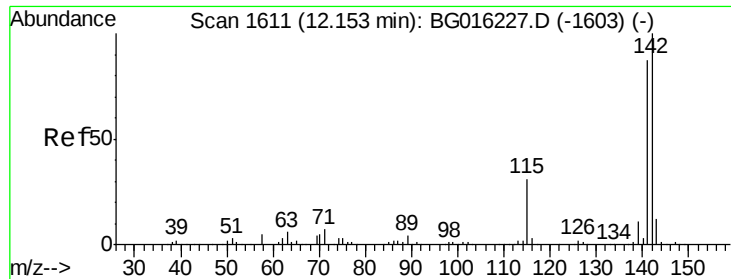


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

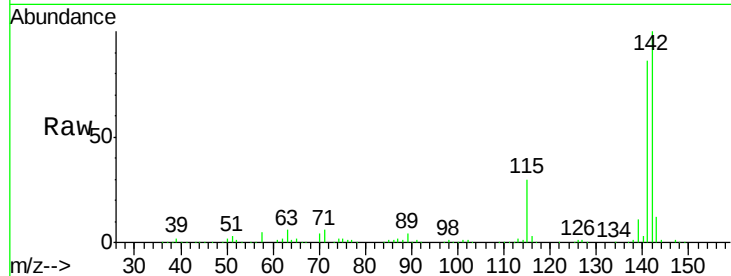




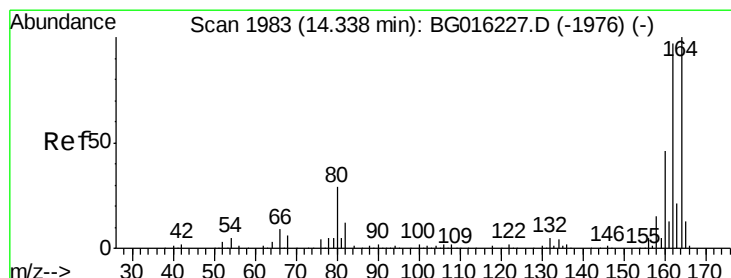
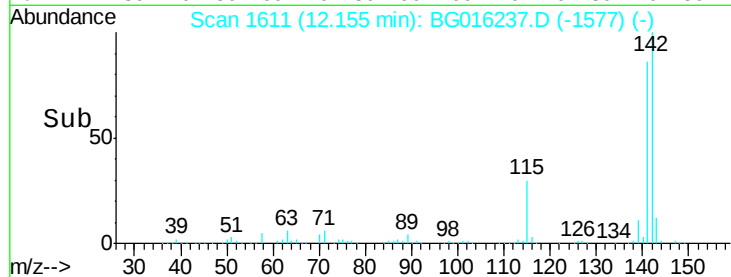
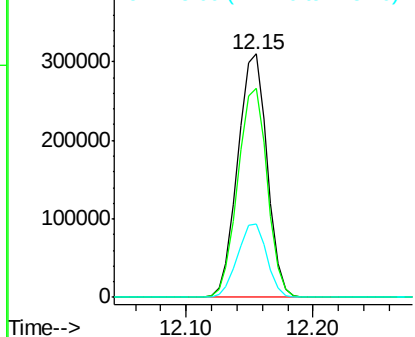
#37
2-Methylnaphthalene
Concen: 40.82 ng
RT: 12.15 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BG016237.D
Acq: 6 Apr 2015 23:08

Instrument :
BNA_G
ClientSampleId :
LS-SW01MSD

Tgt Ion:142 Resp: 495926
Ion Ratio Lower Upper
142 100
141 86.1 69.3 103.9
115 30.2 25.0 37.6

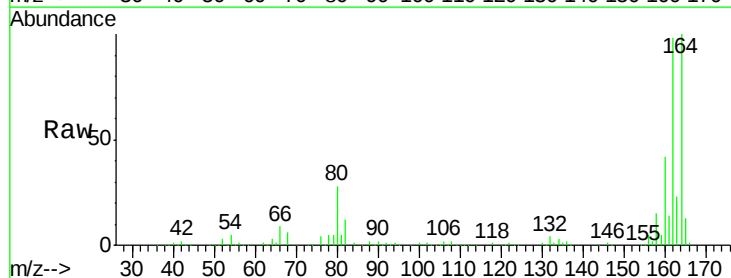


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

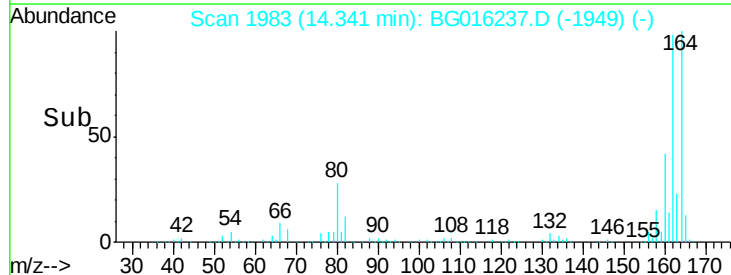
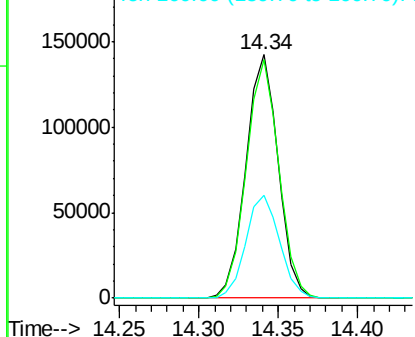


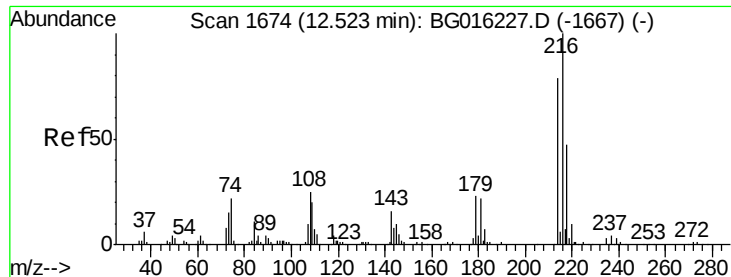
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.34 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG016237.D
Acq: 6 Apr 2015 23:08

Tgt Ion:164 Resp: 200033
Ion Ratio Lower Upper
164 100
162 98.0 77.3 115.9
160 42.2 36.7 55.1



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

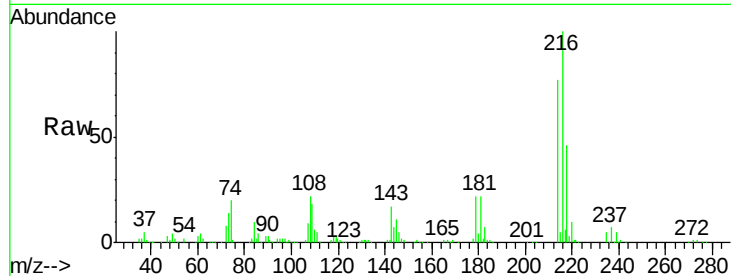




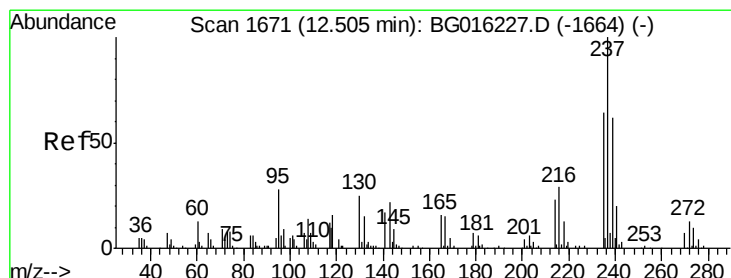
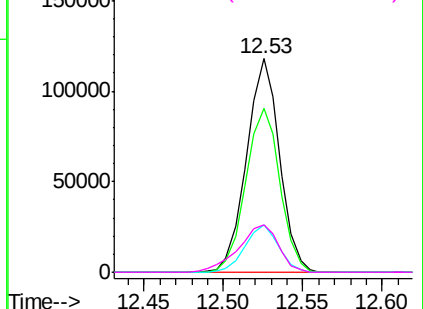
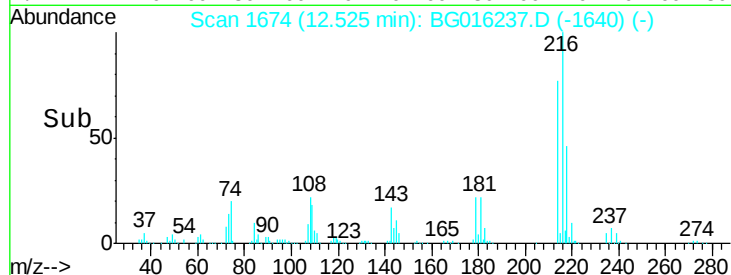
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.65 ng
 RT: 12.53 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: BG016237.D
 Acq: 6 Apr 2015 23:08

Instrument :
 BNA_G
 ClientSampleId :
 LS-SW01MSD

Tgt Ion:	216	Resp:	170201
Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.4	95.0
179	22.4	18.2	27.2
108	27.0	21.2	31.8

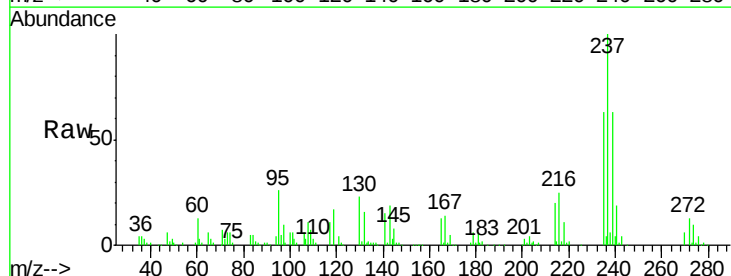


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

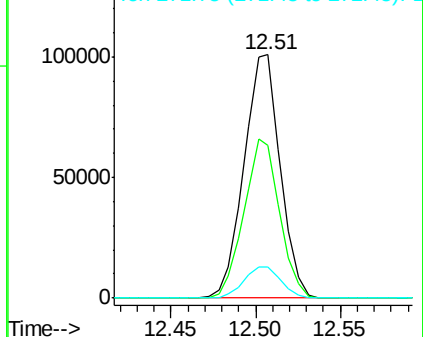
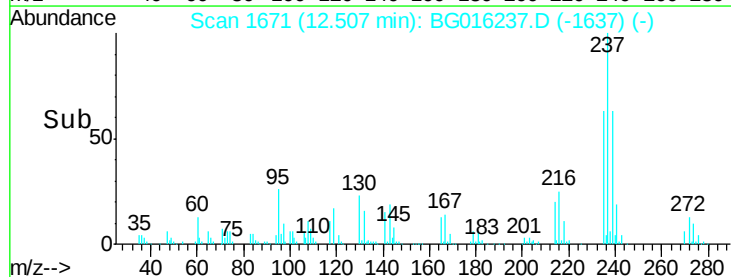


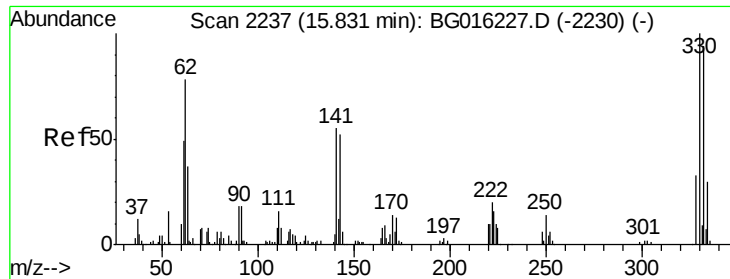
#40
 Hexachlorocyclopentadiene
 Concen: 74.59 ng
 RT: 12.51 min Scan# 1671
 Delta R.T. 0.00 min
 Lab File: BG016237.D
 Acq: 6 Apr 2015 23:08

Tgt Ion:	237	Resp:	150372
Ion	Ratio	Lower	Upper
237	100		
235	63.0	43.9	83.9
272	12.9	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

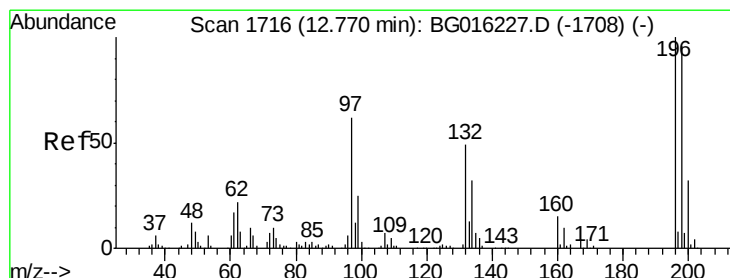
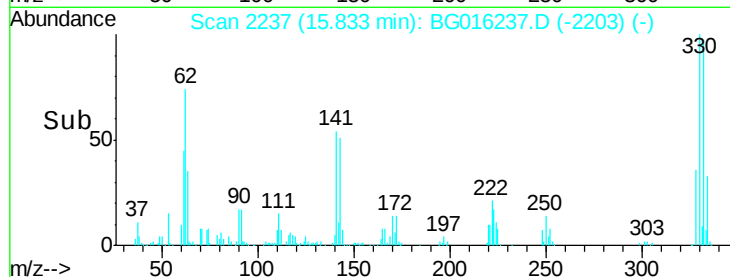
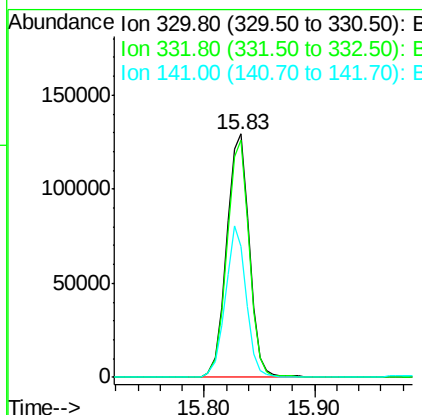
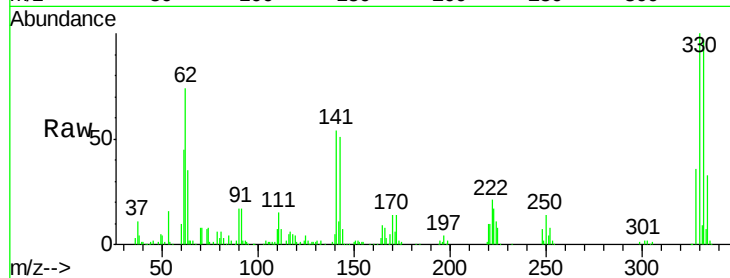




#41
 2,4,6-Tribromophenol
 Concen: 137.38 ng
 RT: 15.83 min Scan# 2237
 Delta R.T. 0.00 min
 Lab File: BG016237.D
 Acq: 6 Apr 2015 23:08

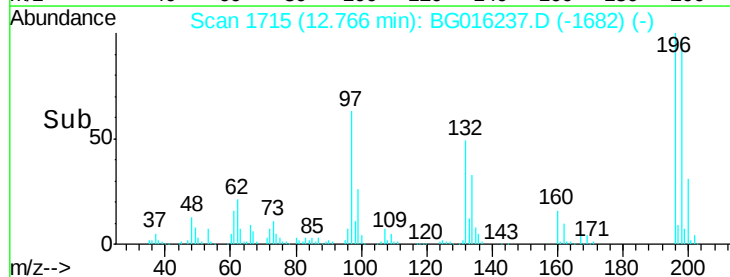
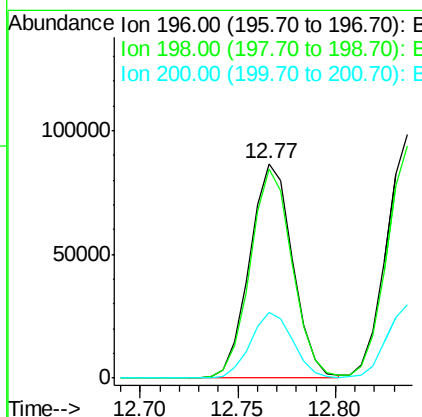
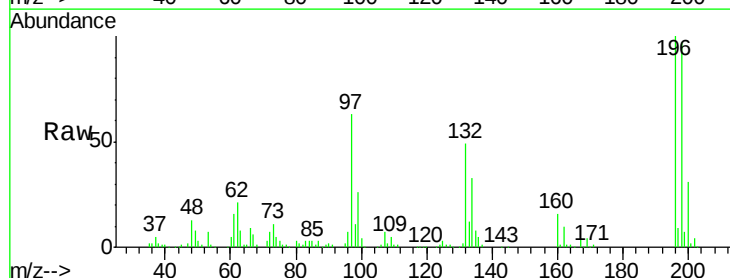
Instrument :
 BNA_G
 ClientSampleId :
 LS-SW01MSD

Tgt Ion:330 Resp: 185845
 Ion Ratio Lower Upper
 330 100
 332 95.8 75.8 113.6
 141 57.1 46.6 69.8



#42
 2,4,6-Trichlorophenol
 Concen: 40.16 ng
 RT: 12.77 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG016237.D
 Acq: 6 Apr 2015 23:08

Tgt Ion:196 Resp: 131445
 Ion Ratio Lower Upper
 196 100
 198 97.5 77.2 115.8
 200 30.7 25.3 37.9

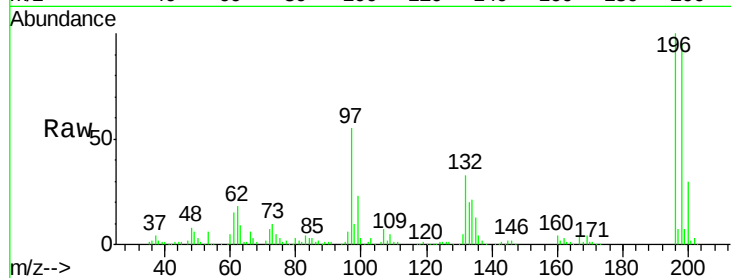




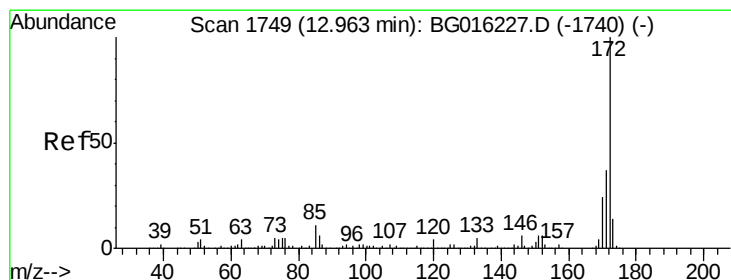
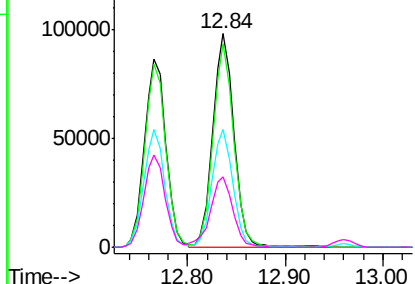
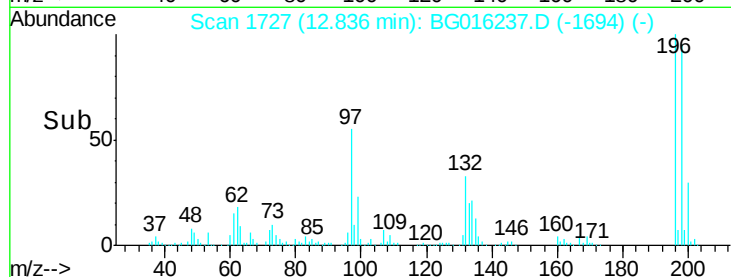
#43
 2,4,5-Trichlorophenol
 Concen: 41.96 ng
 RT: 12.84 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: BG016237.D
 Acq: 6 Apr 2015 23:08

Instrument :
 BNA_G
 ClientSampleId :
 LS-SW01MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	77.1	115.7
97	55.0	46.6	69.8
132	32.8	27.0	40.6

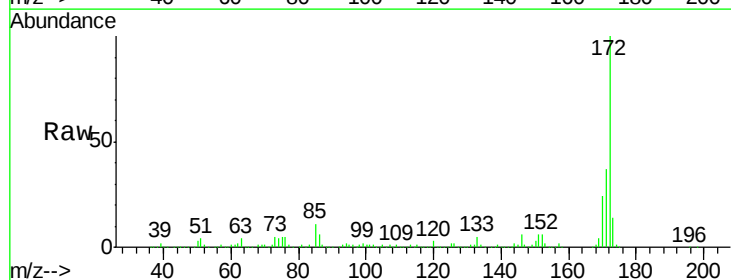


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

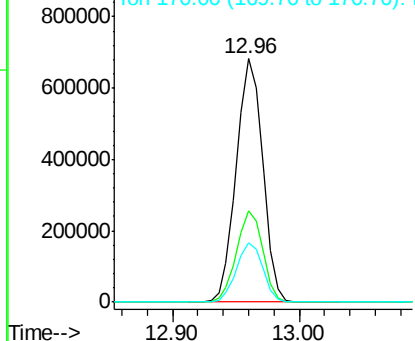
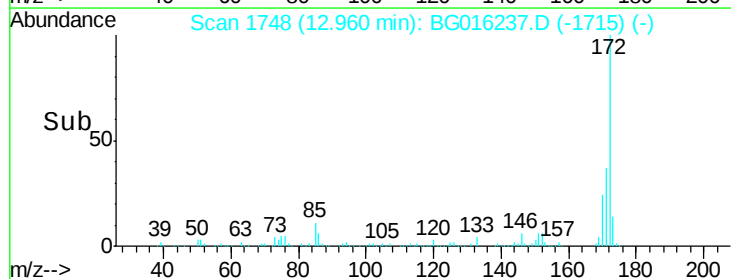


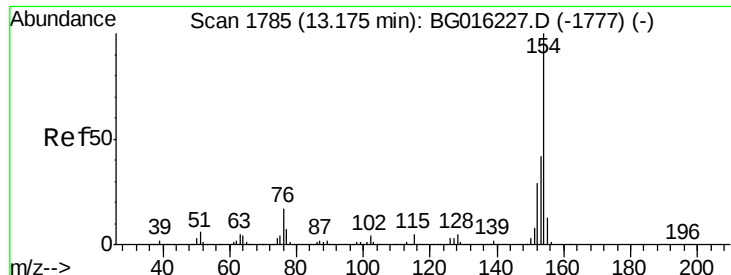
#44
 2-Fluorobiphenyl
 Concen: 83.80 ng
 RT: 12.96 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BG016237.D
 Acq: 6 Apr 2015 23:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.6	44.4
170	24.3	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

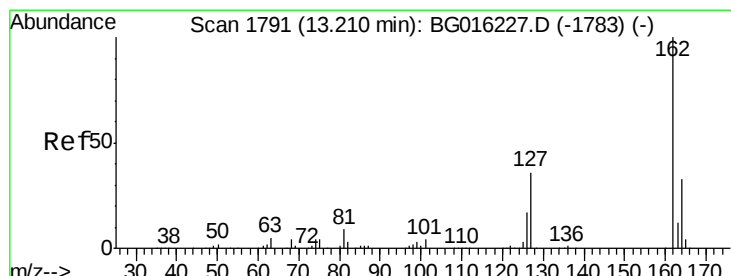
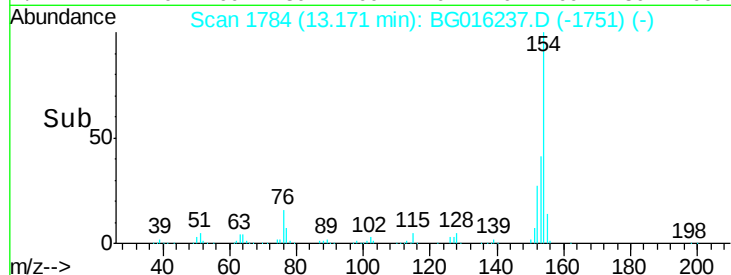
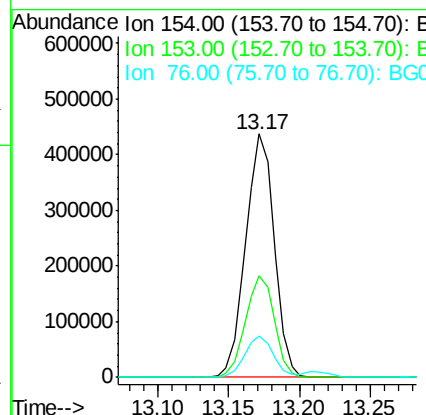
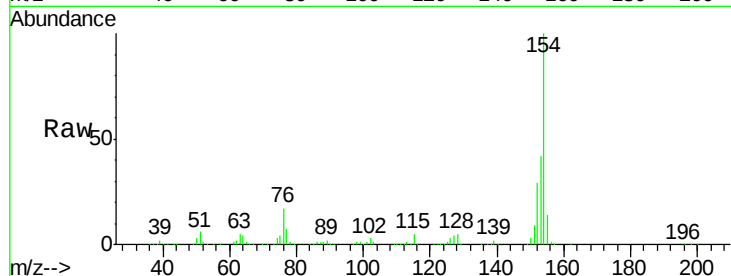




#45
 1,1'-Biphenyl
 Concen: 40.46 ng
 RT: 13.17 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: BG016237.D
 Acq: 6 Apr 2015 23:08

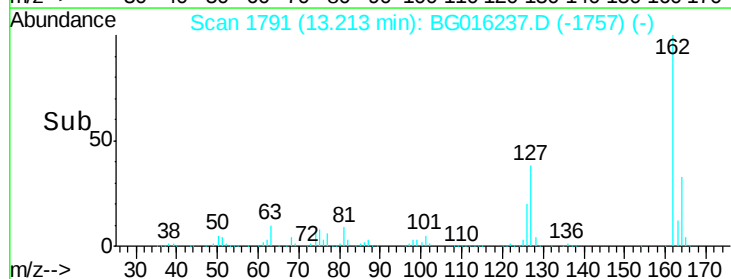
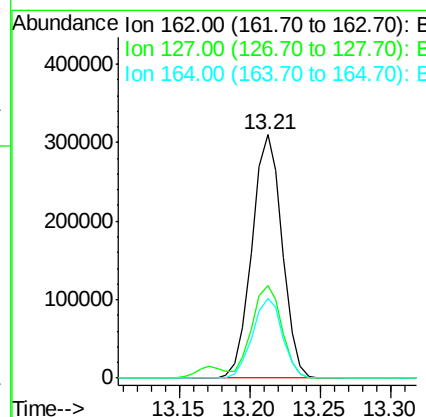
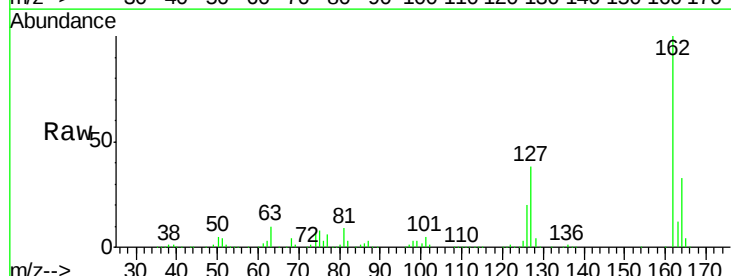
Instrument :
 BNA_G
 ClientSampleId :
 LS-SW01MSD

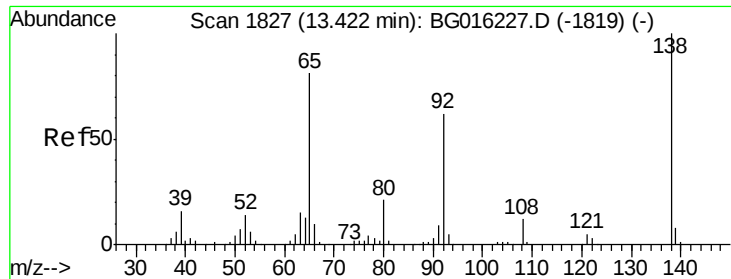
Tgt Ion:154 Resp: 620858
 Ion Ratio Lower Upper
 154 100
 153 41.9 22.4 62.4
 76 16.9 0.0 37.1



#46
 2-Chloronaphthalene
 Concen: 39.83 ng
 RT: 13.21 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BG016237.D
 Acq: 6 Apr 2015 23:08

Tgt Ion:162 Resp: 465584
 Ion Ratio Lower Upper
 162 100
 127 37.9 30.8 46.2
 164 32.8 26.6 40.0

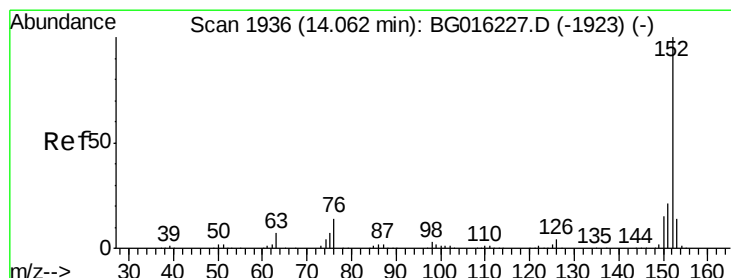
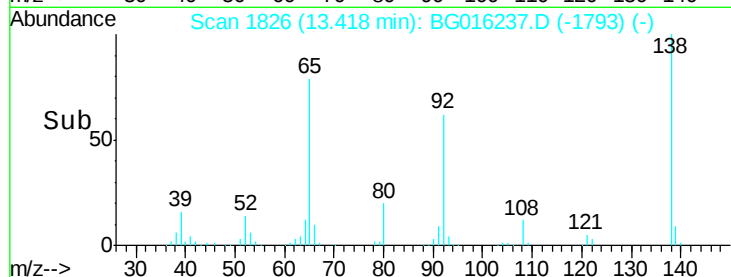
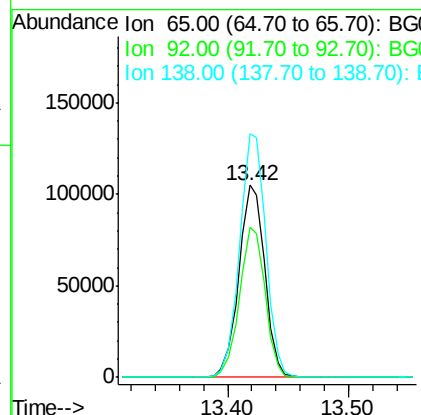
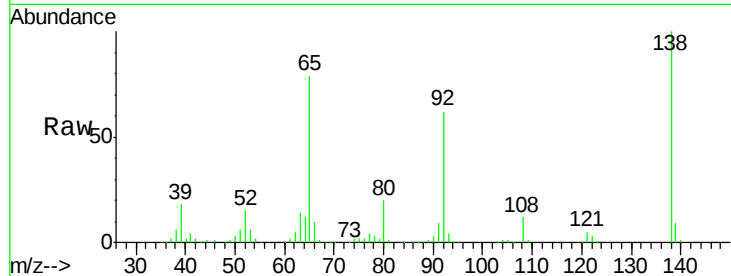




#47
 2-Nitroaniline
 Concen: 41.70 ng
 RT: 13.42 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: BG016237.D
 Acq: 6 Apr 2015 23:08

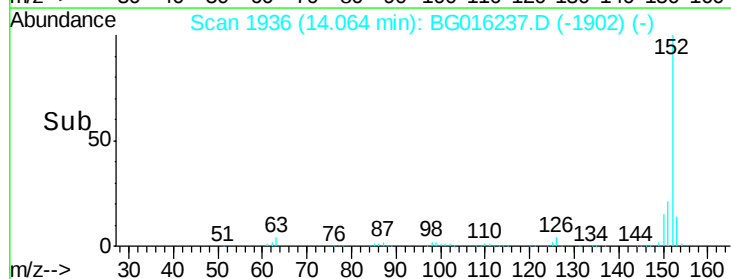
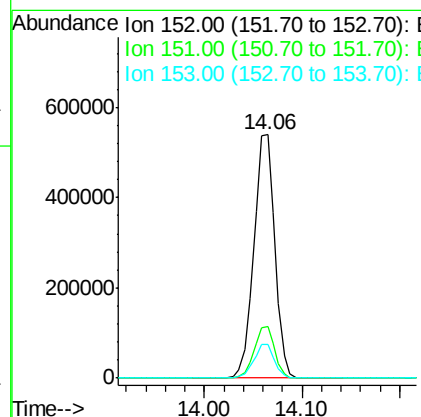
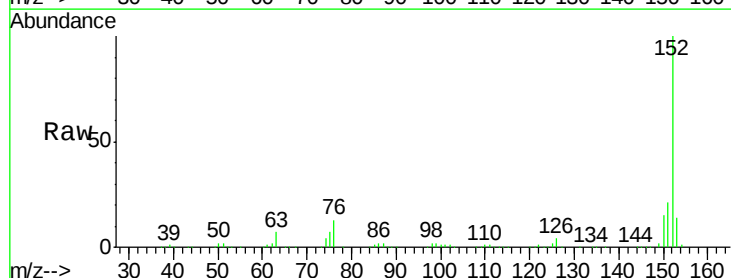
Instrument :
 BNA_G
 ClientSampleId :
 LS-SW01MSD

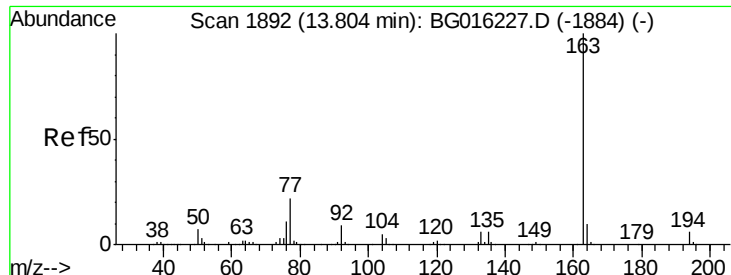
Tgt Ion:	65.00	Resp:	157110
Ion	Ratio	Lower	Upper
65	100		
92	78.2	61.0	91.6
138	126.7	98.7	148.1



#48
 Acenaphthylene
 Concen: 39.10 ng
 RT: 14.06 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: BG016237.D
 Acq: 6 Apr 2015 23:08

Tgt Ion:	152.00	Resp:	812646
Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.5	24.7
153	13.7	11.1	16.7





#49

Dimethylphthalate

Concen: 42.20 ng

RT: 13.81 min Scan# 1892

Delta R.T. 0.00 min

Lab File: BG016237.D

Acq: 6 Apr 2015 23:08

Instrument :

BNA_G

ClientSampleId :

LS-SW01MSD

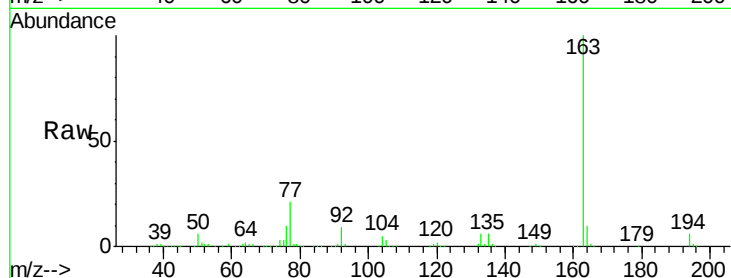
Tgt Ion:163 Resp: 618714

Ion Ratio Lower Upper

163 100

194 6.3 5.0 7.4

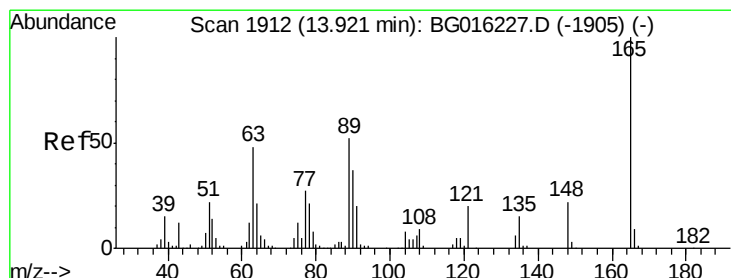
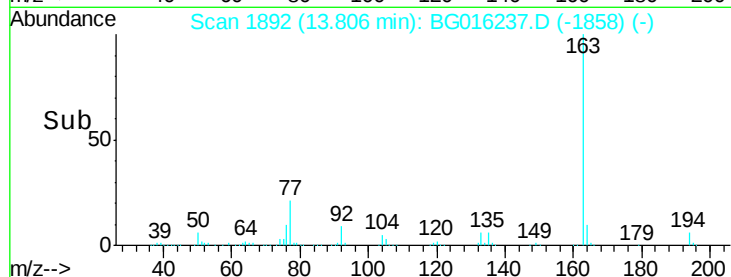
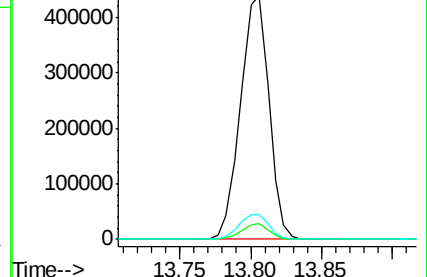
164 10.4 8.2 12.4



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: 43.77 ng

RT: 13.92 min Scan# 1912

Delta R.T. 0.00 min

Lab File: BG016237.D

Acq: 6 Apr 2015 23:08

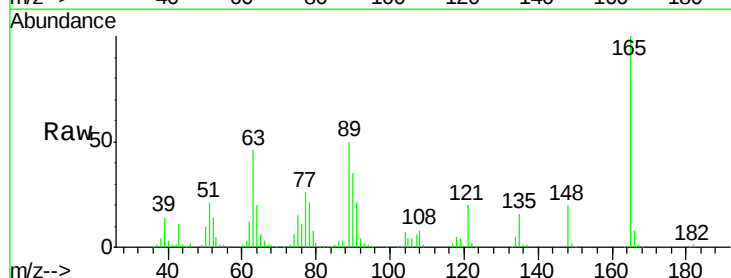
Tgt Ion:165 Resp: 155204

Ion Ratio Lower Upper

165 100

63 45.5 39.3 58.9

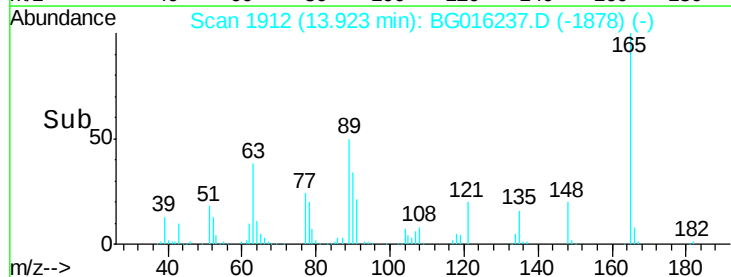
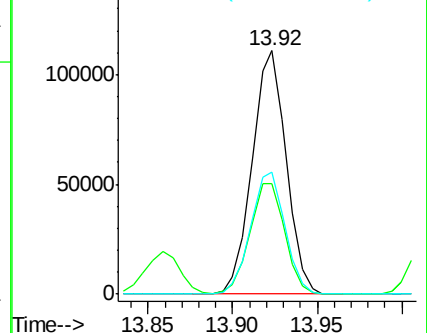
89 50.0 41.3 61.9

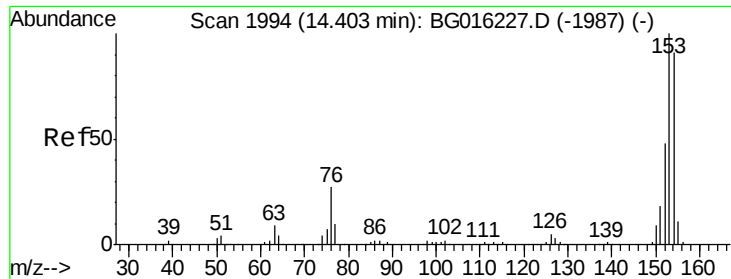


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 40.80 ng

RT: 14.41 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BG016237.D

Acq: 6 Apr 2015 23:08

Instrument :

BNA_G

ClientSampleId :

LS-SW01MSD

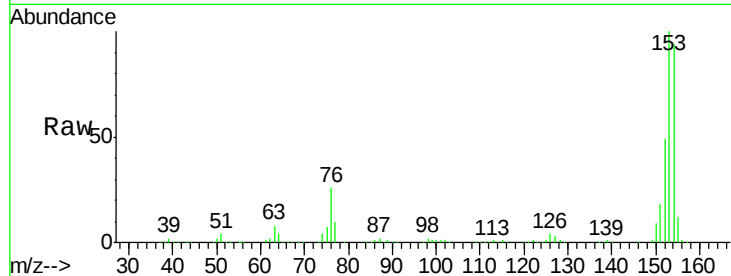
Tgt Ion:154 Resp: 506747

Ion Ratio Lower Upper

154 100

153 106.4 87.5 131.3

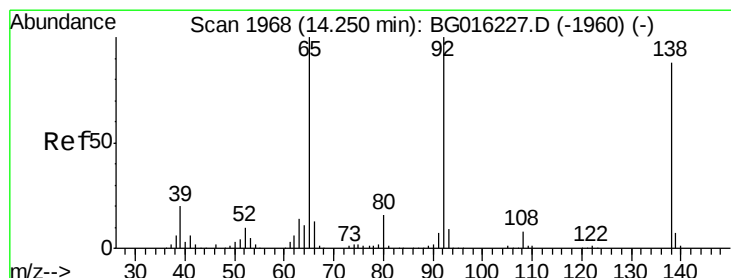
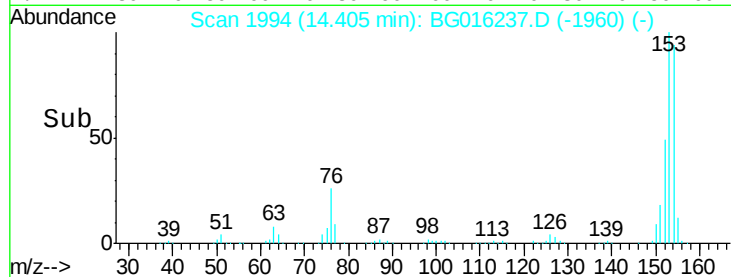
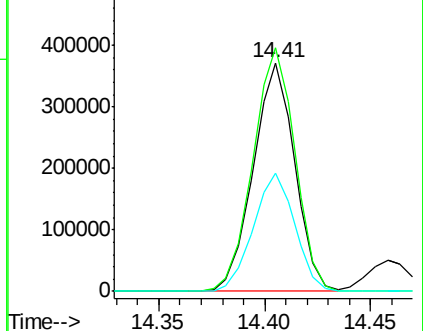
152 51.6 42.1 63.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.08 ng

RT: 14.25 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BG016237.D

Acq: 6 Apr 2015 23:08

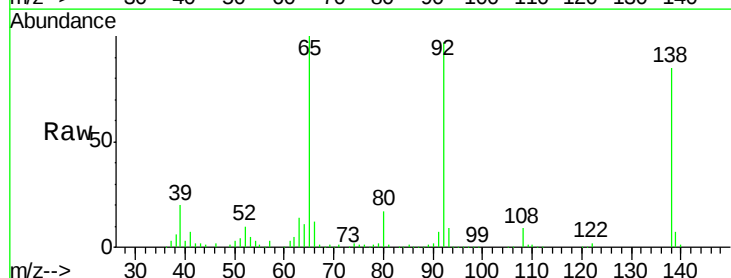
Tgt Ion:138 Resp: 109035

Ion Ratio Lower Upper

138 100

108 10.5 7.4 11.0

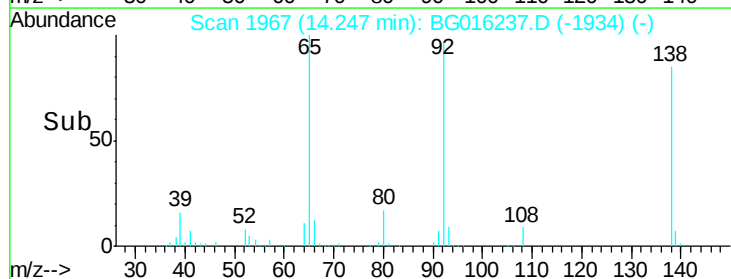
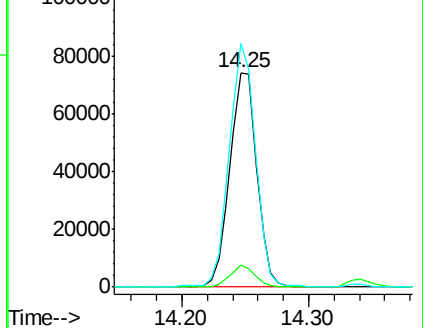
92 113.6 91.4 137.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGO

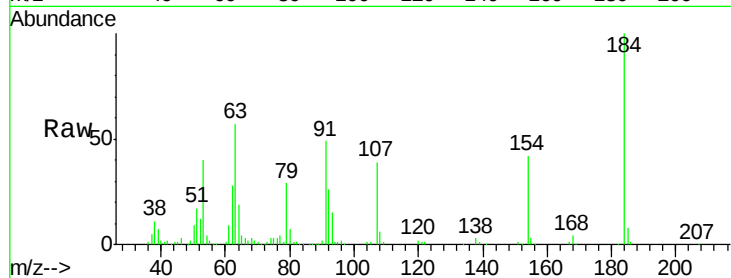




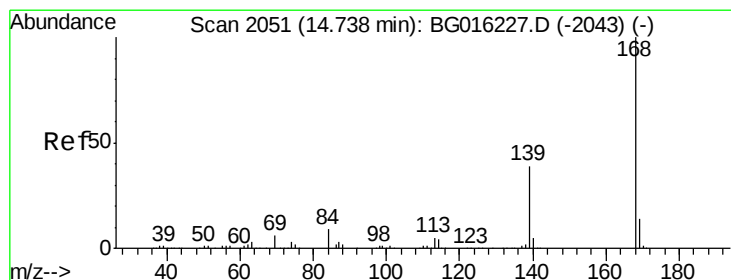
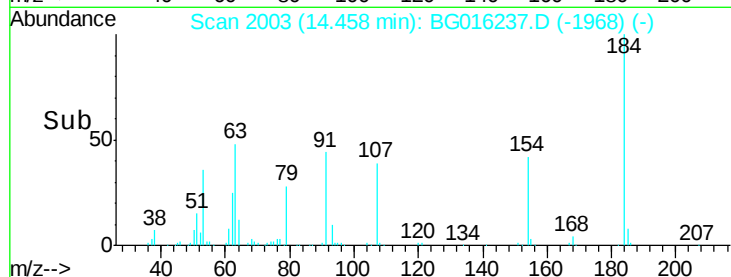
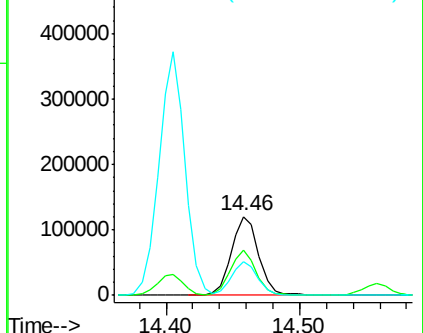
#53
 2,4-Dinitrophenol
 Concen: 83.50 ng
 RT: 14.46 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: BG016237.D
 Acq: 6 Apr 2015 23:08

Instrument :
 BNA_G
 ClientSampleId :
 LS-SW01MSD

Tgt Ion:184 Resp: 172158
 Ion Ratio Lower Upper
 184 100
 63 57.0 45.8 68.6
 154 42.5 34.5 51.7

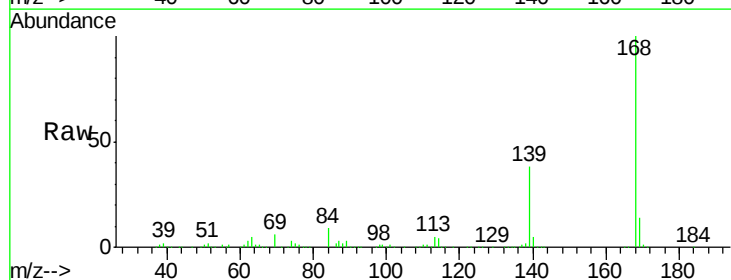


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 154.00 (153.70 to 154.70): E

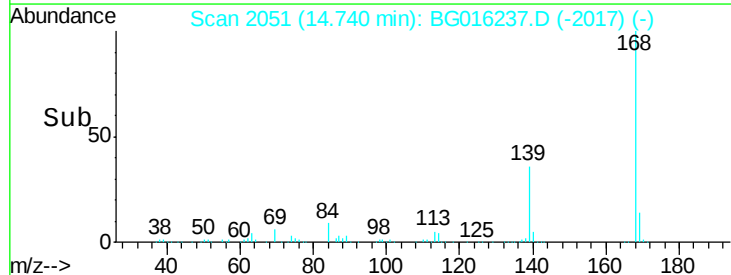
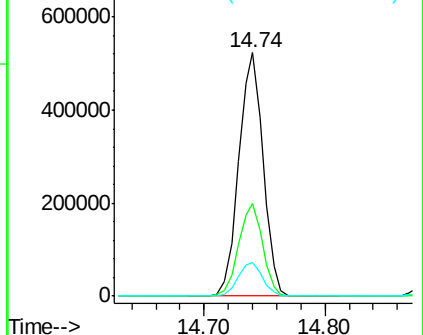


#54
 Dibenzofuran
 Concen: 42.57 ng
 RT: 14.74 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BG016237.D
 Acq: 6 Apr 2015 23:08

Tgt Ion:168 Resp: 733726
 Ion Ratio Lower Upper
 168 100
 139 38.2 31.0 46.6
 169 13.6 11.2 16.8



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





#55

4-Nitrophenol

Concen: 32.03 ng

RT: 14.56 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BG016237.D

Acq: 6 Apr 2015 23:08

Instrument :

BNA_G

ClientSampleId :

LS-SW01MSD

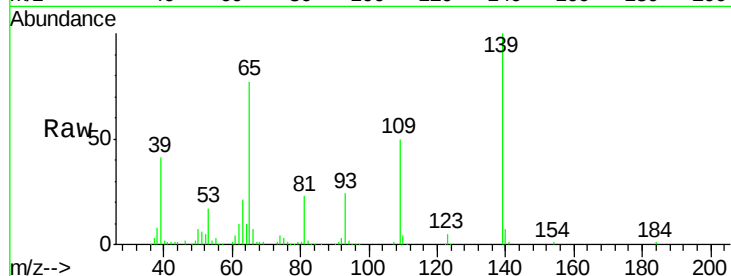
Tgt Ion:139 Resp: 119870

Ion Ratio Lower Upper

139 100

109 49.5 28.5 68.5

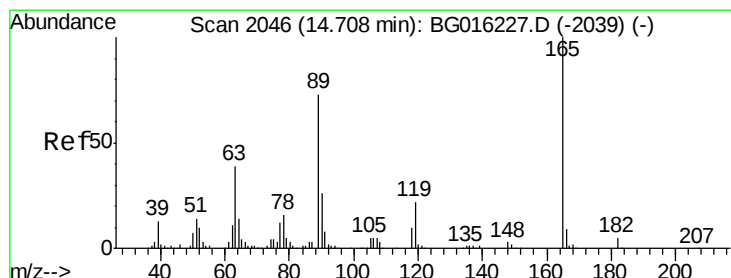
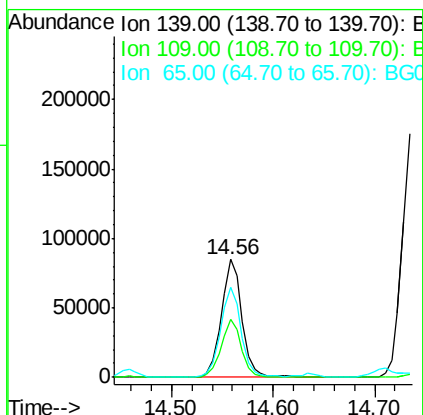
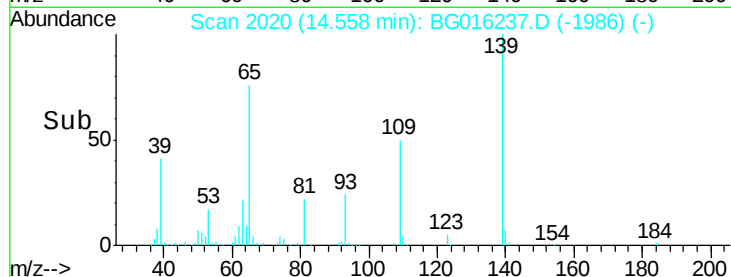
65 76.8 56.9 96.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 45.83 ng

RT: 14.71 min Scan# 2046

Delta R.T. 0.00 min

Lab File: BG016237.D

Acq: 6 Apr 2015 23:08

Tgt Ion:165 Resp: 221328

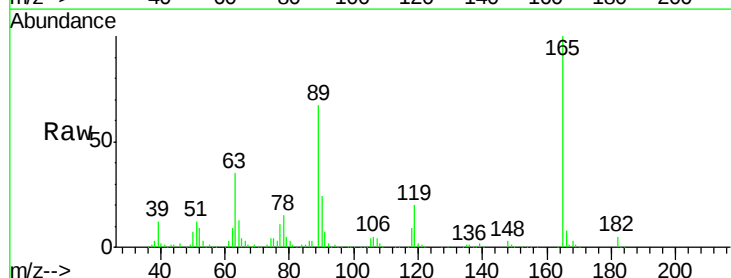
Ion Ratio Lower Upper

165 100

63 35.3 31.4 47.2

89 67.4 58.8 88.2

182 4.7 4.1 6.1

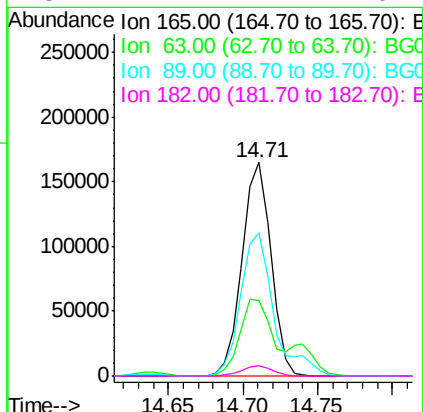
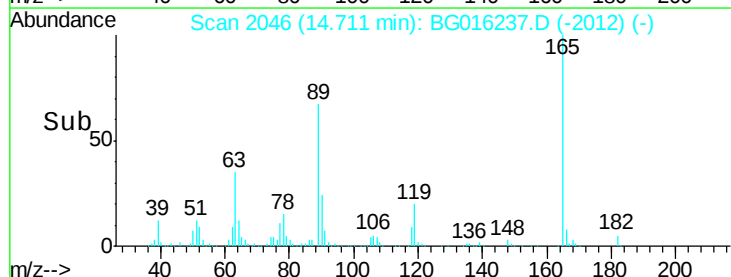


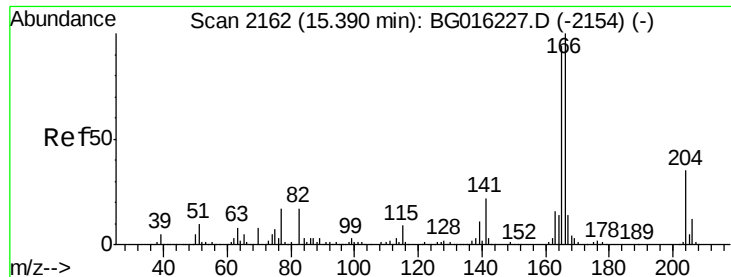
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

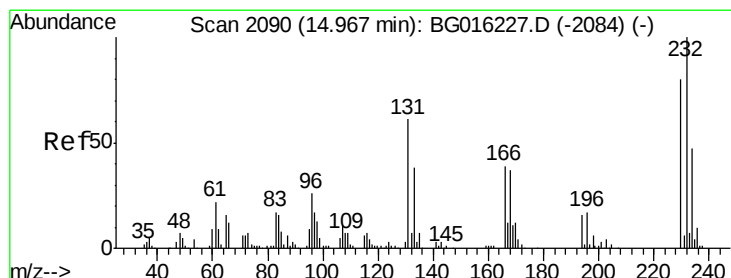
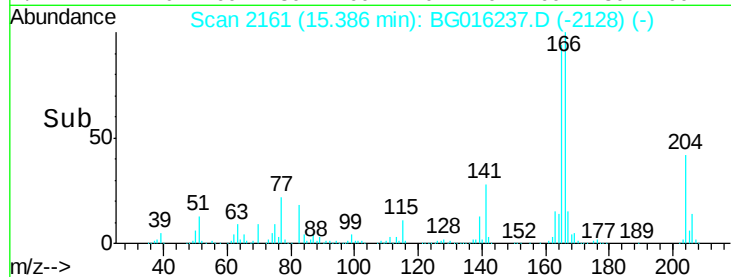
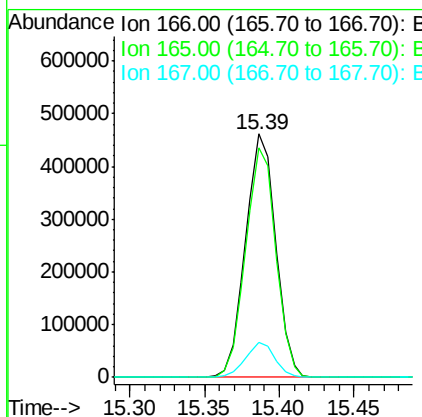
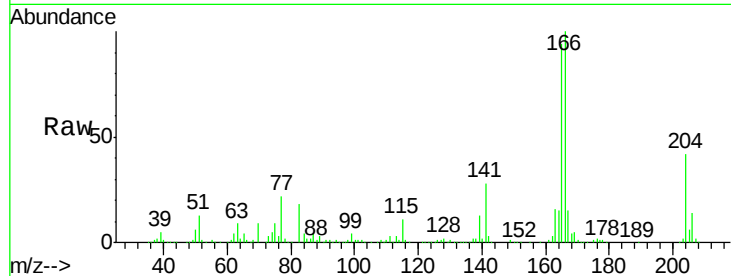




#57
 Fluorene
 Concen: 42.25 ng
 RT: 15.39 min Scan# 2161
 Delta R.T. -0.00 min
 Lab File: BG016237.D
 Acq: 6 Apr 2015 23:08

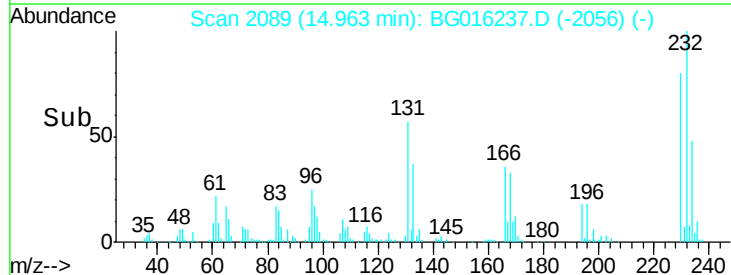
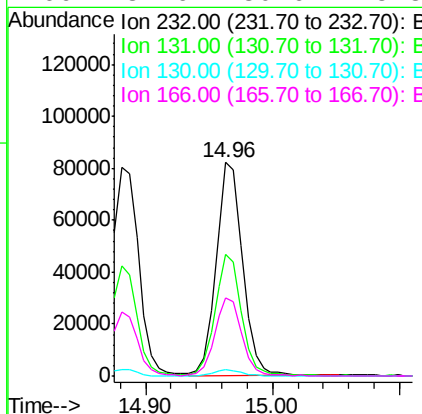
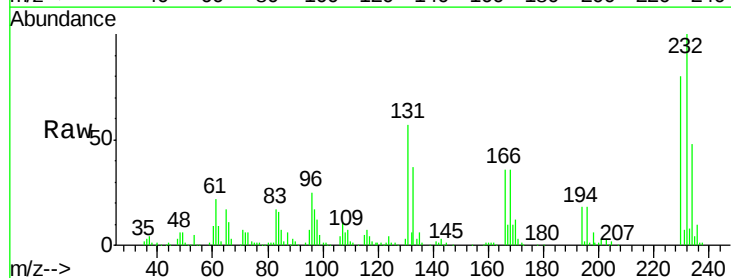
Instrument :
 BNA_G
 ClientSampleId :
 LS-SW01MSD

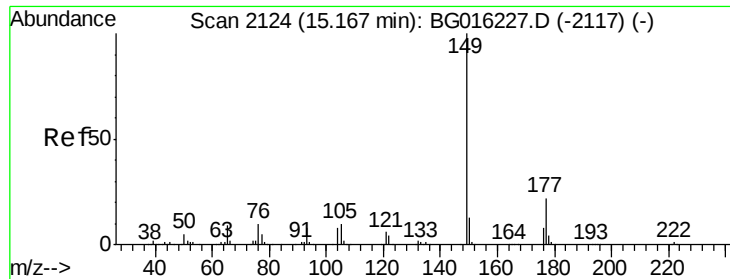
Tgt Ion:166 Resp: 642484
 Ion Ratio Lower Upper
 166 100
 165 94.5 75.2 112.8
 167 14.5 11.3 16.9



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.02 ng
 RT: 14.96 min Scan# 2089
 Delta R.T. -0.00 min
 Lab File: BG016237.D
 Acq: 6 Apr 2015 23:08

Tgt Ion:232 Resp: 118799
 Ion Ratio Lower Upper
 232 100
 131 57.0 49.8 74.6
 130 3.1 2.6 3.8
 166 37.6 30.6 45.8

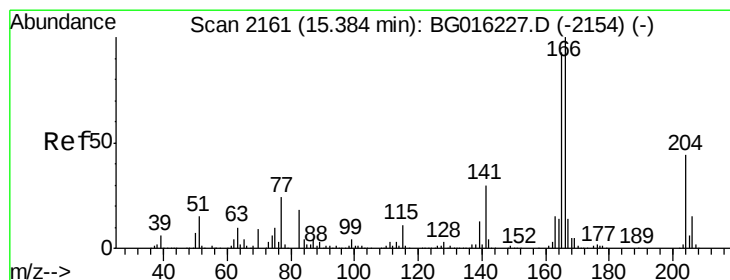
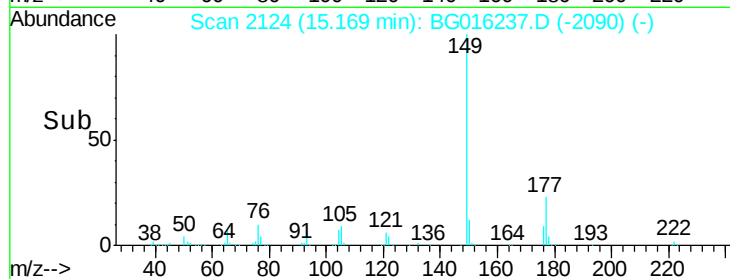
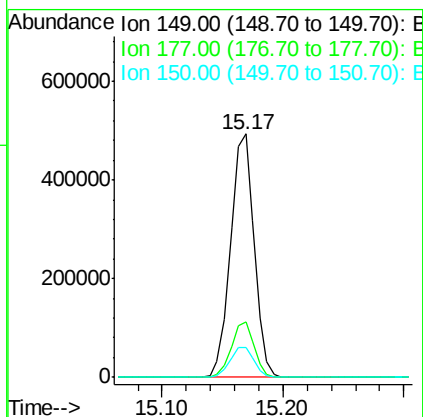
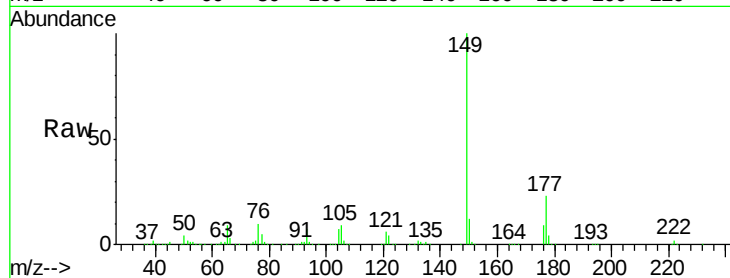




#59
Diethylphthalate
Concen: 42.93 ng
RT: 15.17 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BG016237.D
Acq: 6 Apr 2015 23:08

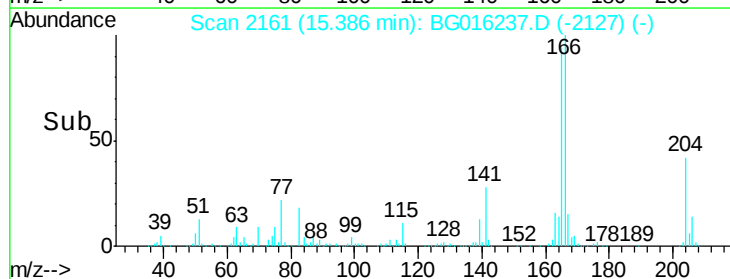
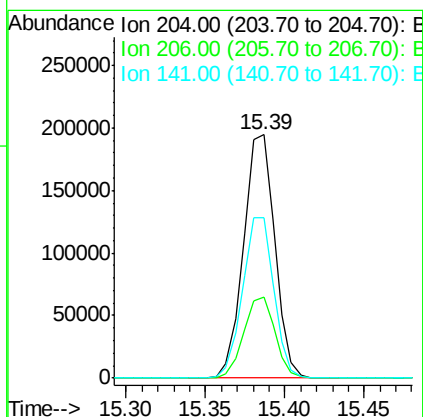
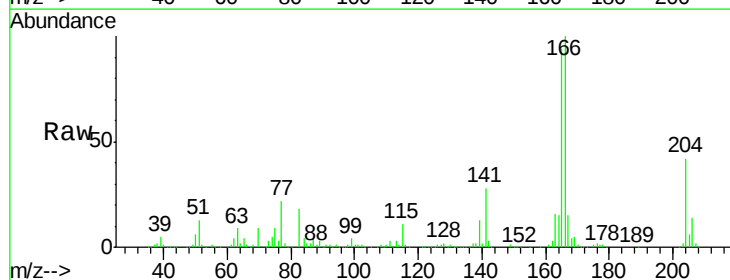
Instrument :
BNA_G
ClientSampleId :
LS-SW01MSD

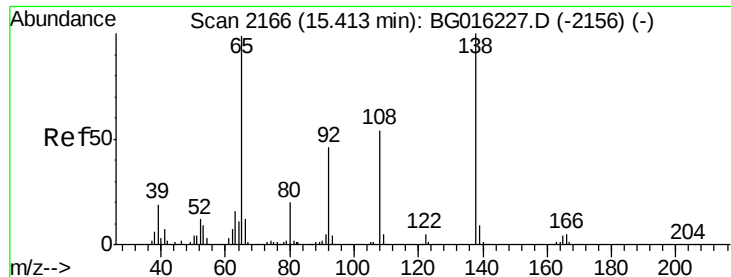
Tgt Ion:149 Resp: 669983
Ion Ratio Lower Upper
149 100
177 22.8 17.7 26.5
150 12.4 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 42.82 ng
RT: 15.39 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BG016237.D
Acq: 6 Apr 2015 23:08

Tgt Ion:204 Resp: 266367
Ion Ratio Lower Upper
204 100
206 33.1 27.6 41.4
141 66.1 55.4 83.2

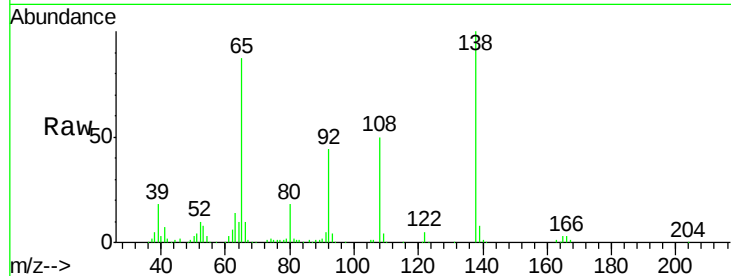




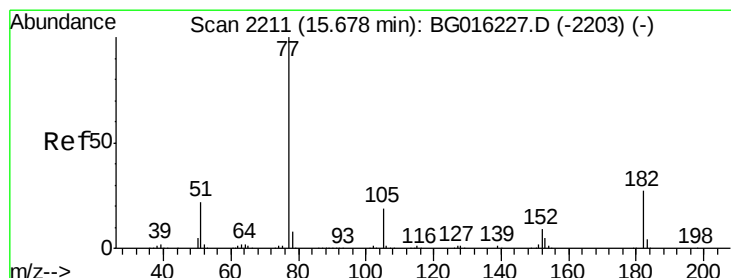
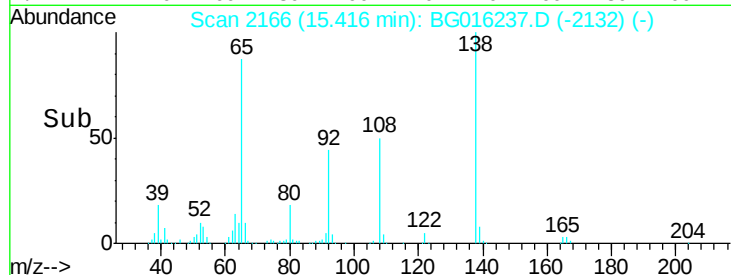
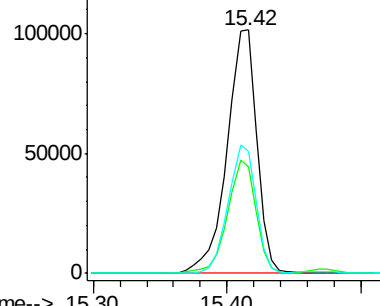
#61
4-Nitroaniline
Concen: 30.63 ng
RT: 15.42 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BG016237.D
Acq: 6 Apr 2015 23:08

Instrument :
BNA_G
ClientSampleId :
LS-SW01MSD

Tgt Ion: 138 Resp: 157414
Ion Ratio Lower Upper
138 100
92 43.6 26.3 66.3
108 49.9 33.6 73.6

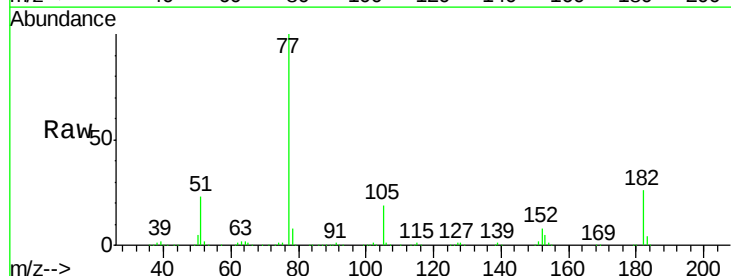


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

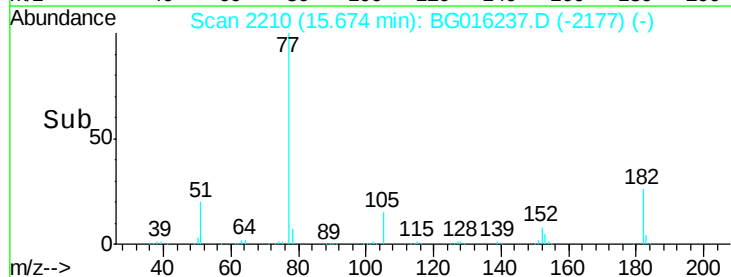
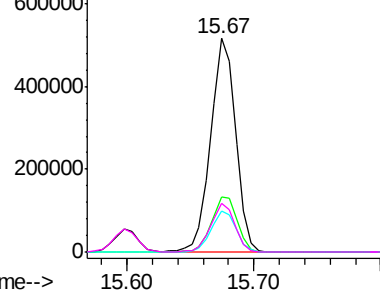


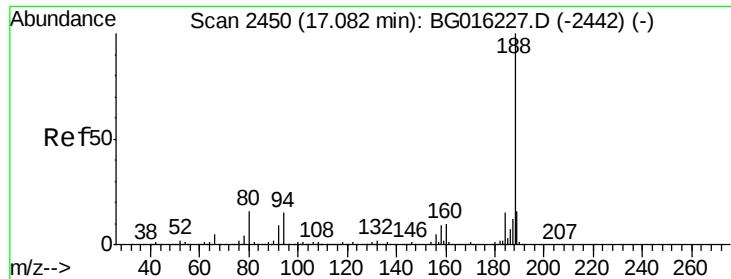
#62
Azobenzene
Concen: 42.15 ng
RT: 15.67 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BG016237.D
Acq: 6 Apr 2015 23:08

Tgt Ion: 77 Resp: 700073
Ion Ratio Lower Upper
77 100
182 25.8 6.6 46.6
105 19.2 0.0 39.2
51 22.9 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

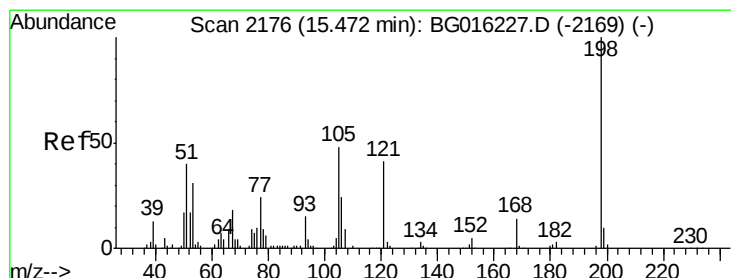
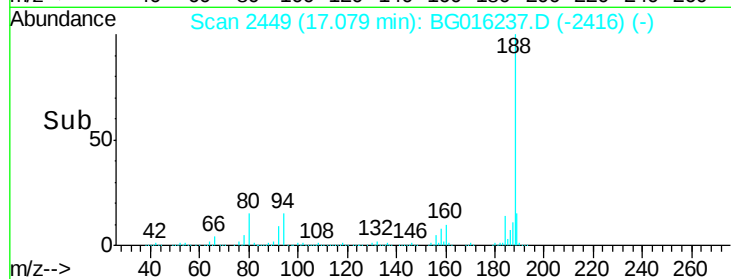
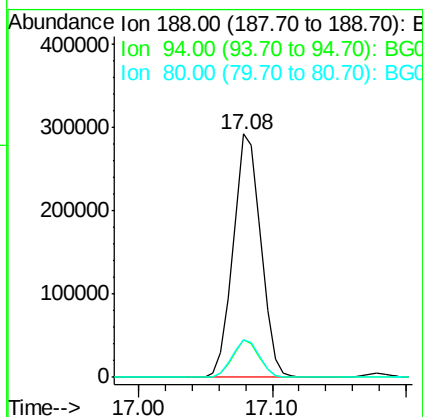
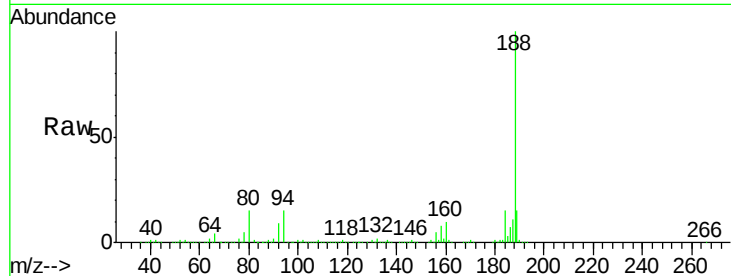




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG016237.D
Acq: 6 Apr 2015 23:08

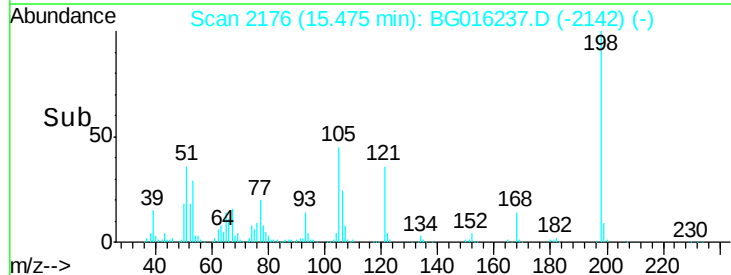
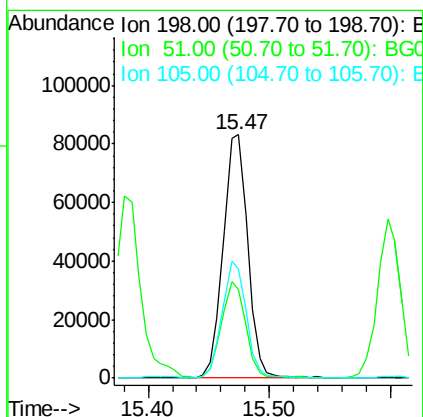
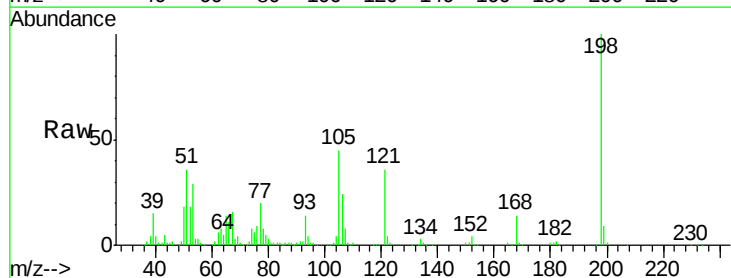
Instrument :
BNA_G
ClientSampleId :
LS-SW01MSD

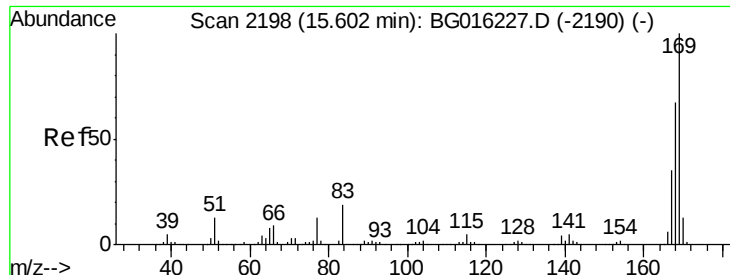
Tgt Ion:188 Resp: 419991
Ion Ratio Lower Upper
188 100
94 15.4 12.2 18.4
80 15.4 12.8 19.2



#64
4,6-Dinitro-2-methylphenol
Concen: 40.50 ng
RT: 15.47 min Scan# 2176
Delta R.T. 0.00 min
Lab File: BG016237.D
Acq: 6 Apr 2015 23:08

Tgt Ion:198 Resp: 117774
Ion Ratio Lower Upper
198 100
51 36.4 20.7 60.7
105 44.9 28.8 68.8

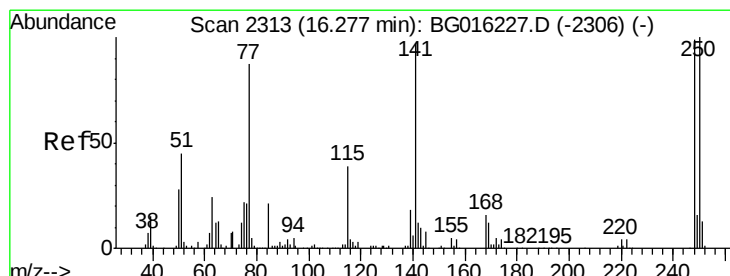
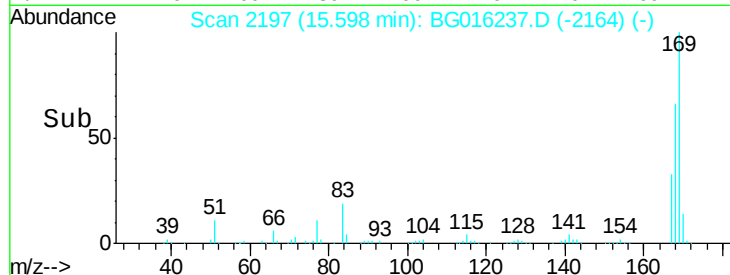
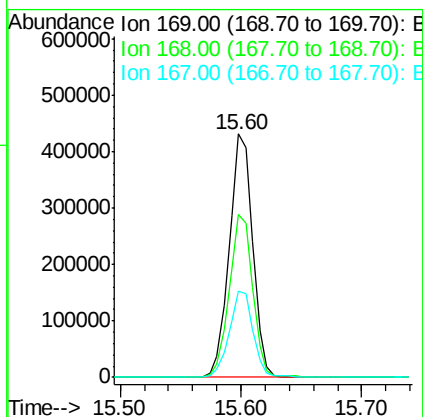
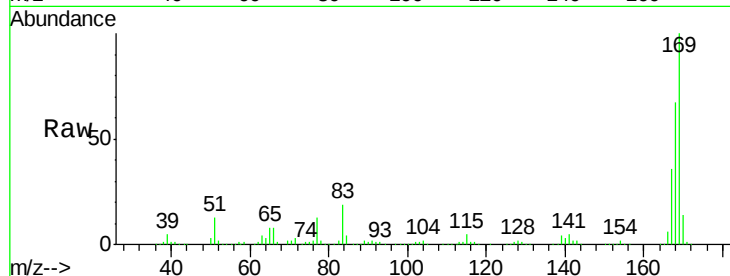




#65
 n-Nitrosodiphenylamine
 Concen: 40.91 ng
 RT: 15.60 min Scan# 2197
 Delta R.T. -0.00 min
 Lab File: BG016237.D
 Acq: 6 Apr 2015 23:08

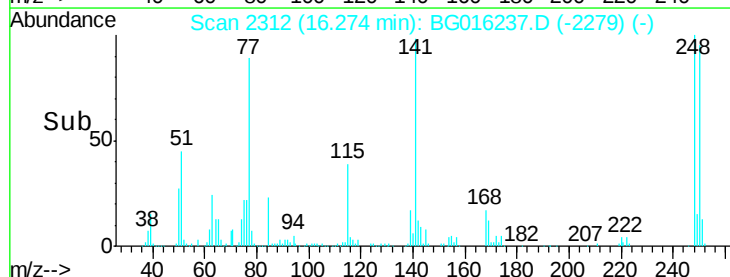
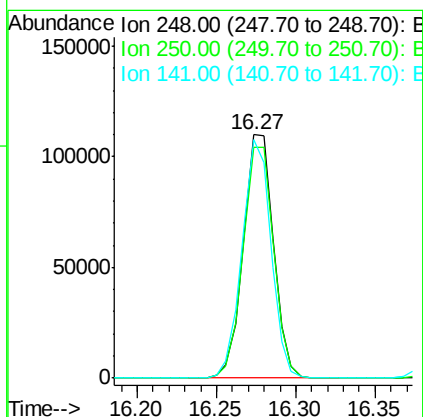
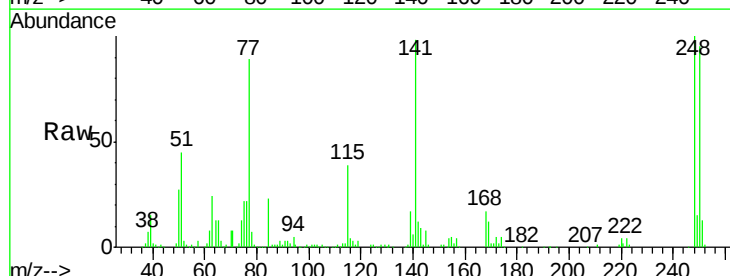
Instrument :
 BNA_G
 ClientSampleId :
 LS-SW01MSD

Tgt Ion:169 Resp: 580808
 Ion Ratio Lower Upper
 169 100
 168 66.7 53.4 80.0
 167 35.6 28.3 42.5



#66
 4-Bromophenyl-phenylether
 Concen: 43.39 ng
 RT: 16.27 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: BG016237.D
 Acq: 6 Apr 2015 23:08

Tgt Ion:248 Resp: 145517
 Ion Ratio Lower Upper
 248 100
 250 94.8 80.5 120.7
 141 98.0 78.2 117.4

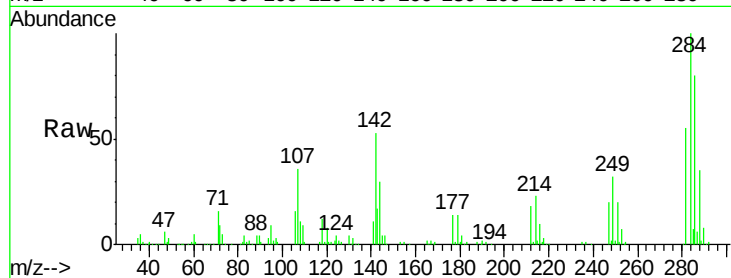




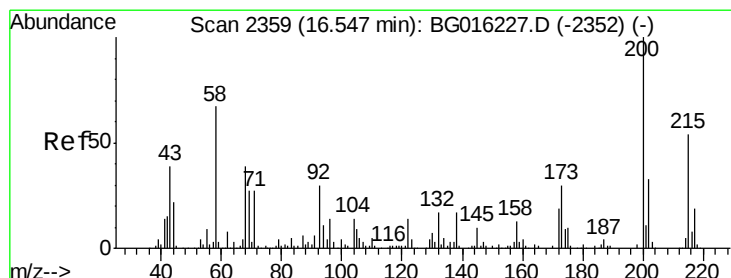
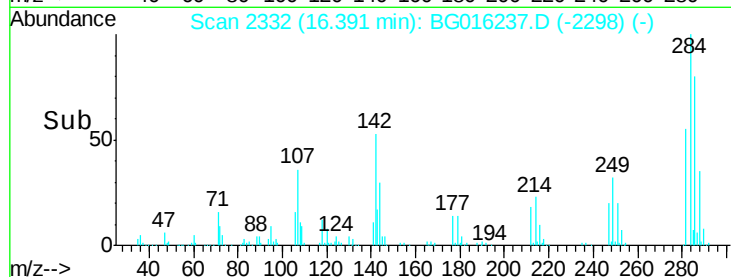
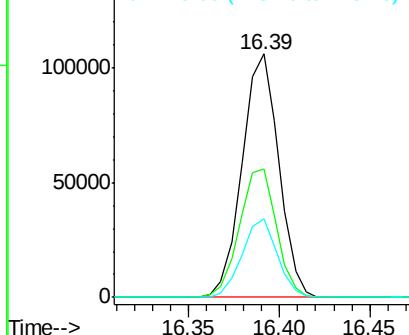
#67
Hexachlorobenzene
Concen: 42.71 ng
RT: 16.39 min Scan# 2332
Delta R.T. 0.00 min
Lab File: BG016237.D
Acq: 6 Apr 2015 23:08

Instrument :
BNA_G
ClientSampleId :
LS-SW01MSD

Tgt Ion:284 Resp: 148871
Ion Ratio Lower Upper
284 100
142 52.7 44.2 66.2
249 32.4 24.8 37.2

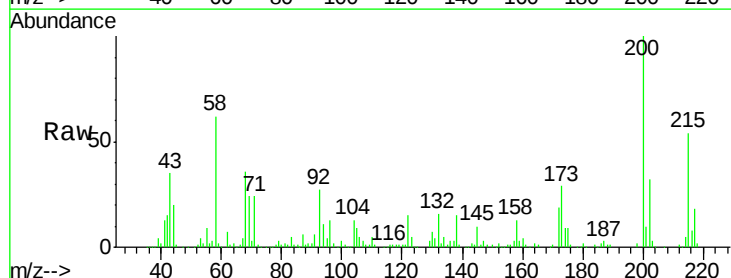


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

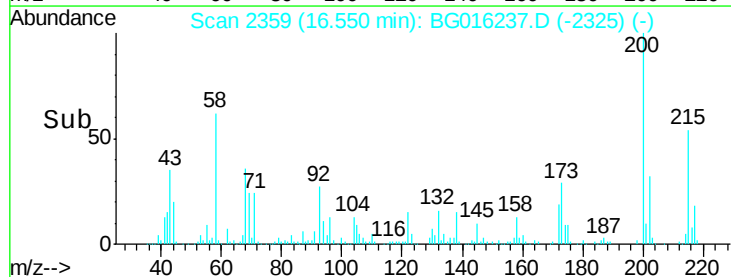
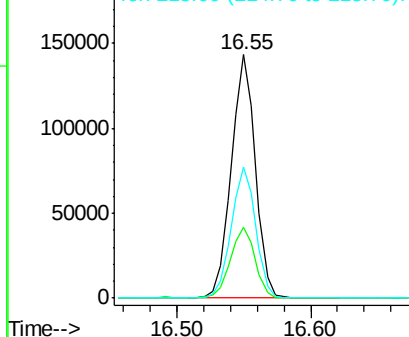


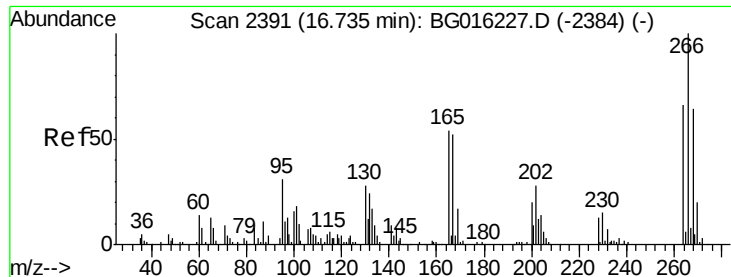
#68
Atrazine
Concen: 45.63 ng
RT: 16.55 min Scan# 2359
Delta R.T. 0.00 min
Lab File: BG016237.D
Acq: 6 Apr 2015 23:08

Tgt Ion:200 Resp: 180548
Ion Ratio Lower Upper
200 100
173 28.9 10.2 50.2
215 53.9 34.4 74.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

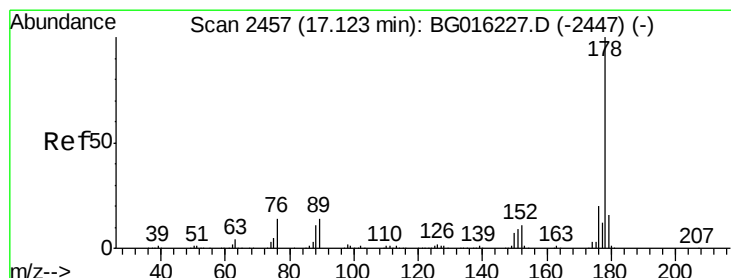
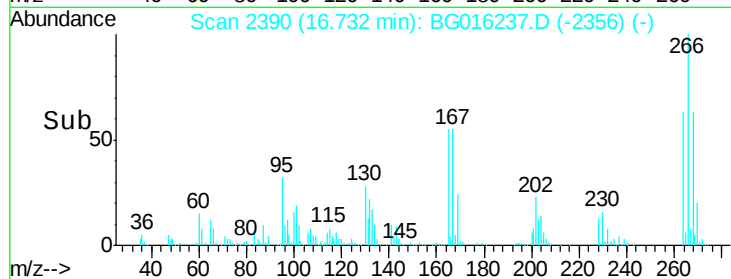
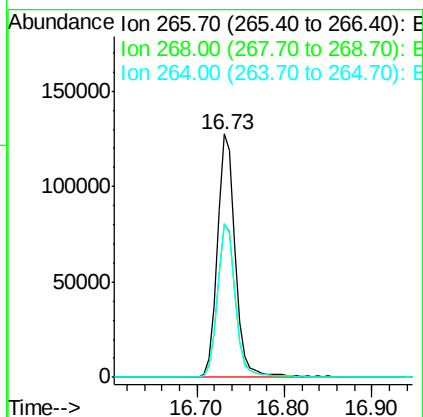
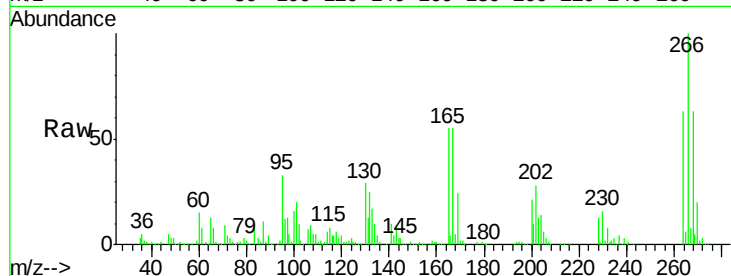




#69
 Pentachlorophenol
 Concen: 85.58 ng
 RT: 16.73 min Scan# 2390
 Delta R.T. -0.00 min
 Lab File: BG016237.D
 Acq: 6 Apr 2015 23:08

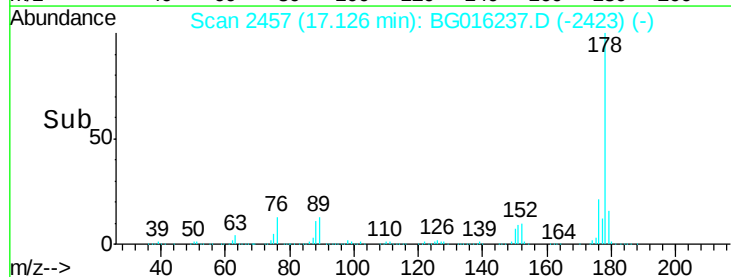
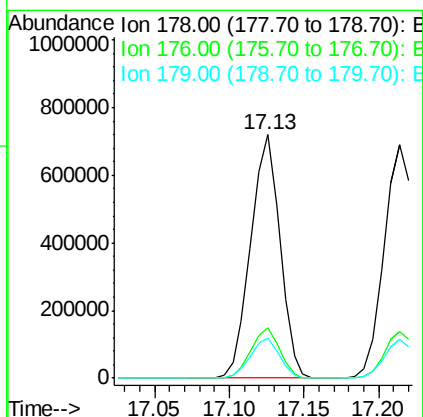
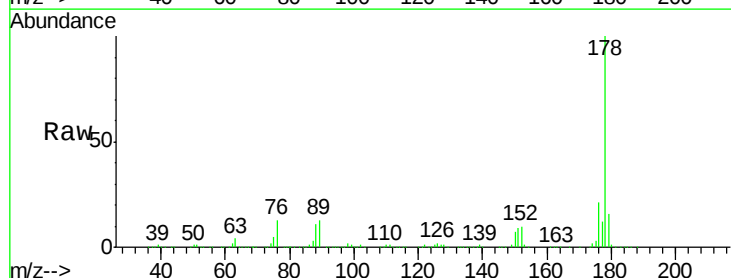
Instrument :
 BNA_G
 ClientSampleId :
 LS-SW01MSD

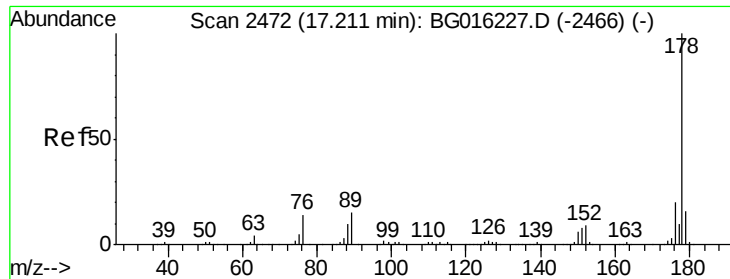
Tgt Ion:266 Resp: 182128
 Ion Ratio Lower Upper
 266 100
 268 62.8 50.9 76.3
 264 63.3 52.8 79.2



#70
 Phenanthrene
 Concen: 41.36 ng
 RT: 17.13 min Scan# 2457
 Delta R.T. 0.00 min
 Lab File: BG016237.D
 Acq: 6 Apr 2015 23:08

Tgt Ion:178 Resp: 977104
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.2 24.4
 179 16.2 12.7 19.1

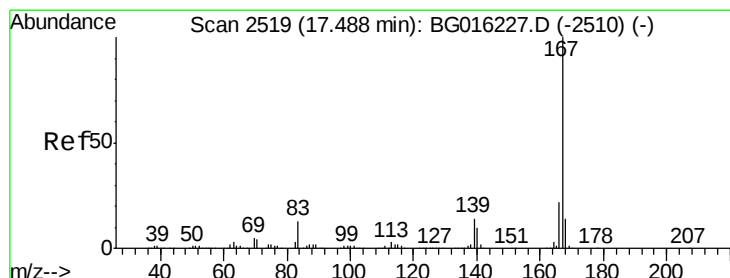
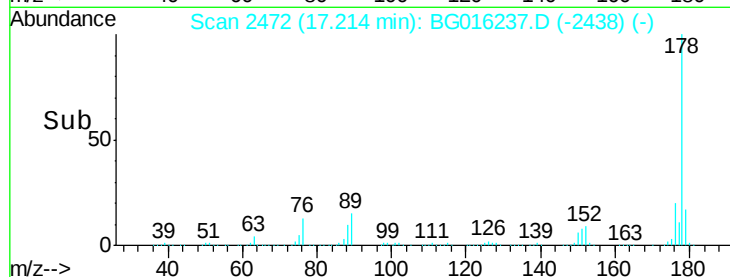
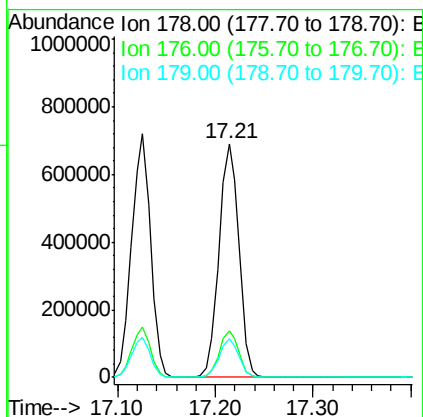
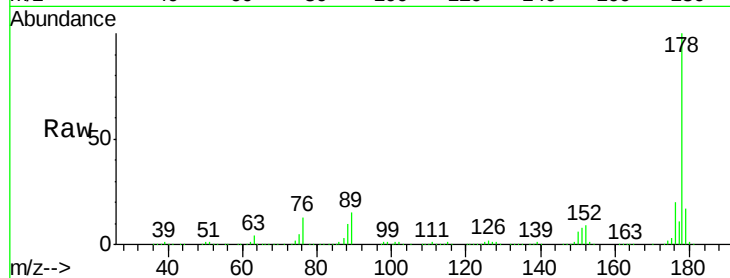




#71
 Anthracene
 Concen: 41.67 ng
 RT: 17.21 min Scan# 2472
 Delta R.T. 0.00 min
 Lab File: BG016237.D
 Acq: 6 Apr 2015 23:08

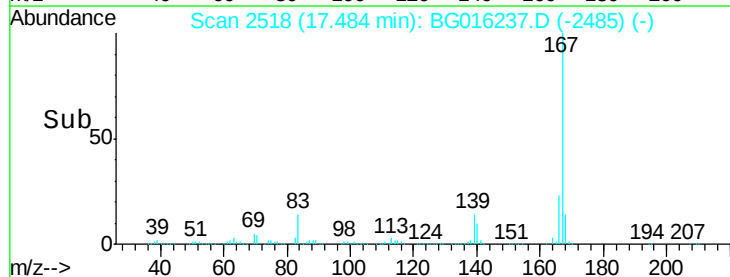
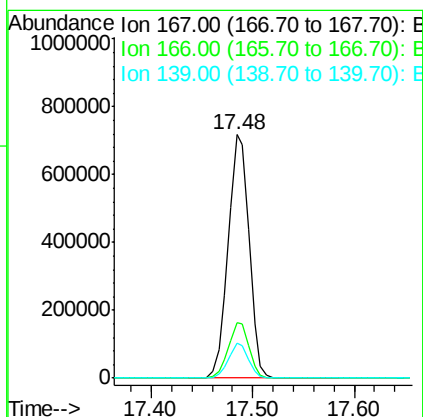
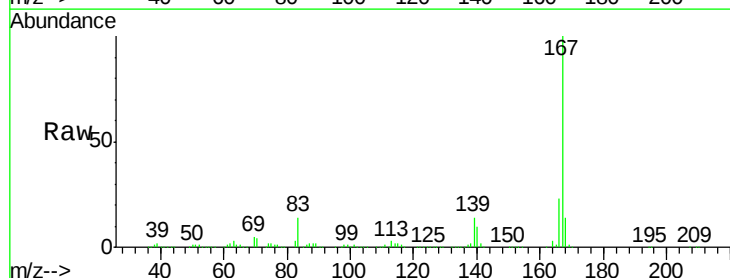
Instrument :
 BNA_G
 ClientSampleId :
 LS-SW01MSD

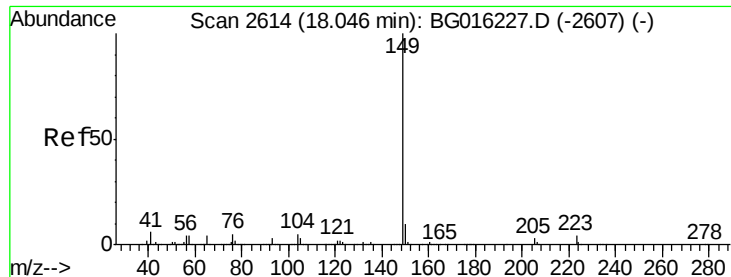
Tgt Ion:178 Resp: 975620
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.9 23.9
 179 16.6 13.0 19.6



#72
 Carbazole
 Concen: 43.66 ng
 RT: 17.48 min Scan# 2518
 Delta R.T. -0.00 min
 Lab File: BG016237.D
 Acq: 6 Apr 2015 23:08

Tgt Ion:167 Resp: 1025854
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.9 26.9
 139 14.2 11.5 17.3





#73

Di-n-butylphthalate

Concen: 42.90 ng

RT: 18.05 min Scan# 2614

Delta R.T. 0.00 min

Lab File: BG016237.D

Acq: 6 Apr 2015 23:08

Instrument :

BNA_G

ClientSampleId :

LS-SW01MSD

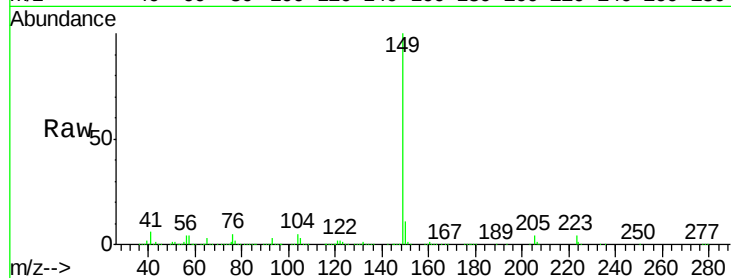
Tgt Ion:149 Resp: 1233306

Ion Ratio Lower Upper

149 100

150 10.7 8.2 12.4

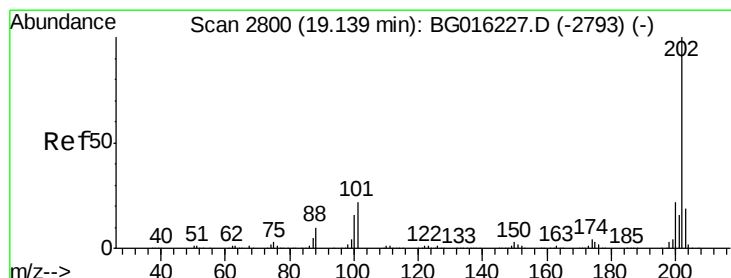
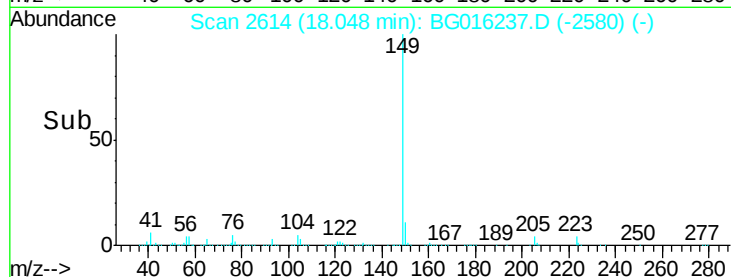
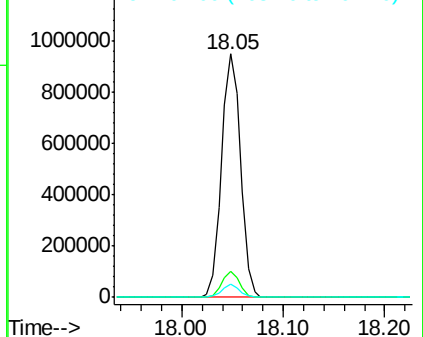
104 5.2 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.05 ng

RT: 19.14 min Scan# 2800

Delta R.T. 0.00 min

Lab File: BG016237.D

Acq: 6 Apr 2015 23:08

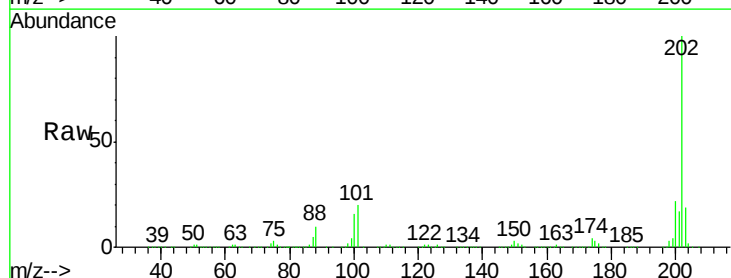
Tgt Ion:202 Resp: 1023913

Ion Ratio Lower Upper

202 100

101 20.5 1.7 41.7

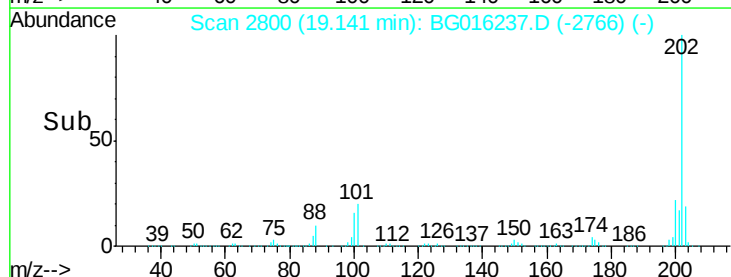
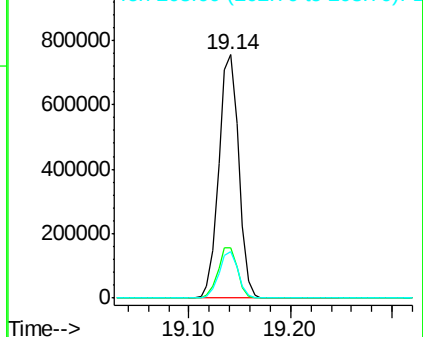
203 19.2 0.0 38.7

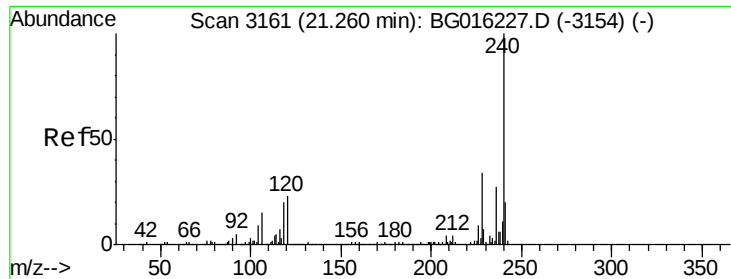


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.26 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG016237.D

Acq: 6 Apr 2015 23:08

Instrument :

BNA_G

ClientSampleId :

LS-SW01MSD

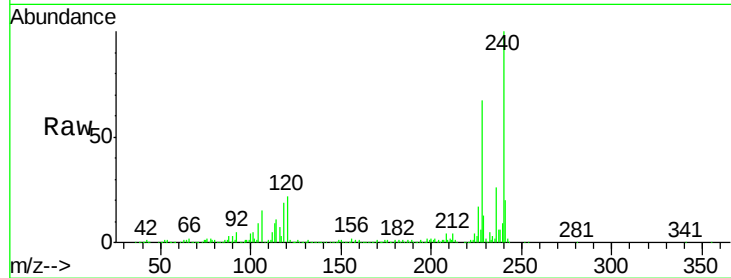
Tgt Ion:240 Resp: 363827

Ion Ratio Lower Upper

240 100

120 22.4 18.6 28.0

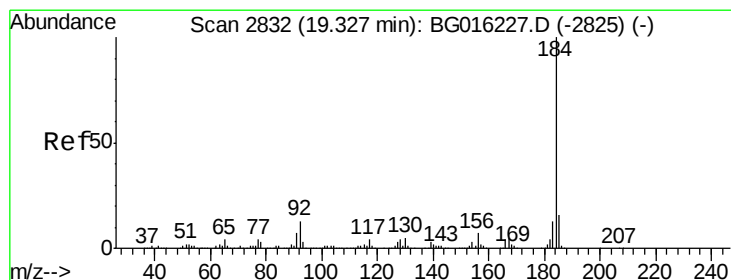
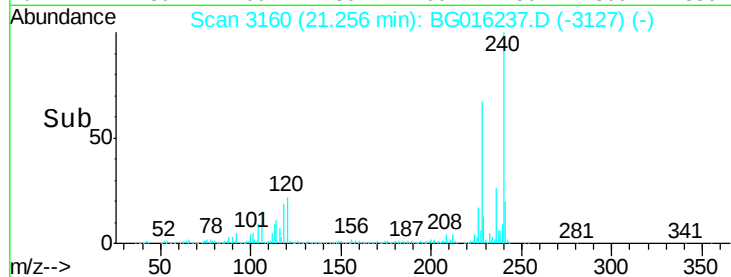
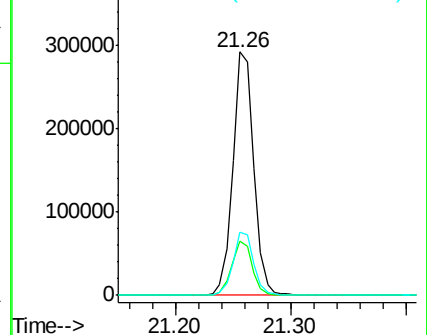
236 26.0 21.7 32.5



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: 8.60 ng

RT: 19.32 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BG016237.D

Acq: 6 Apr 2015 23:08

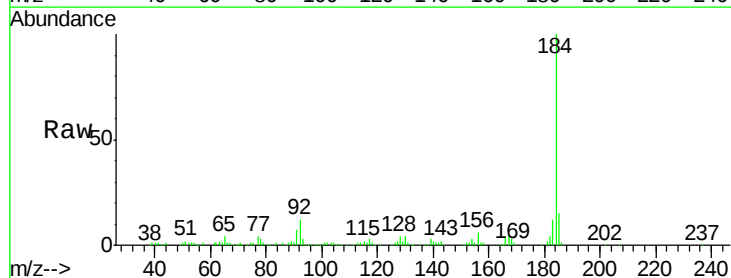
Tgt Ion:184 Resp: 132633

Ion Ratio Lower Upper

184 100

185 14.6 12.6 19.0

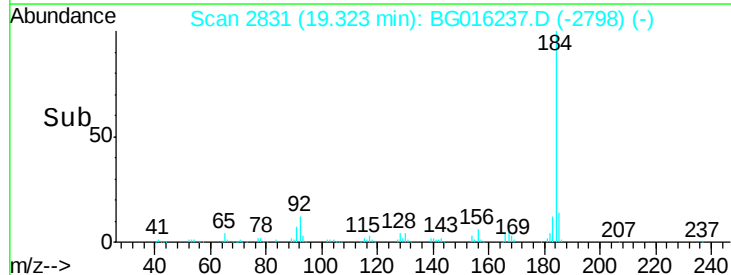
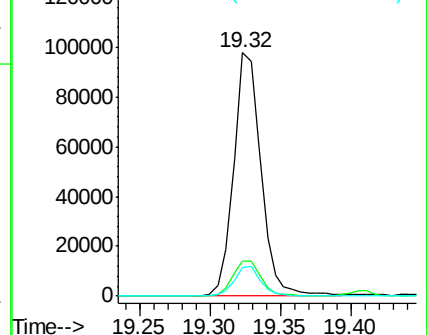
183 12.0 10.4 15.6

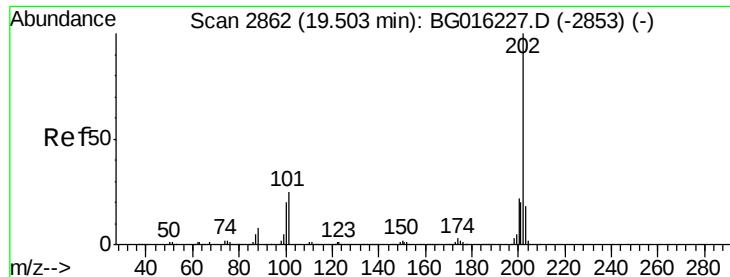


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

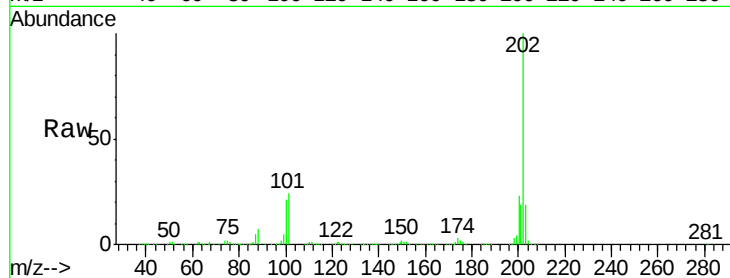




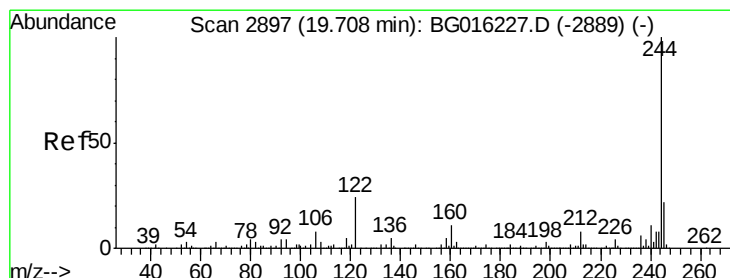
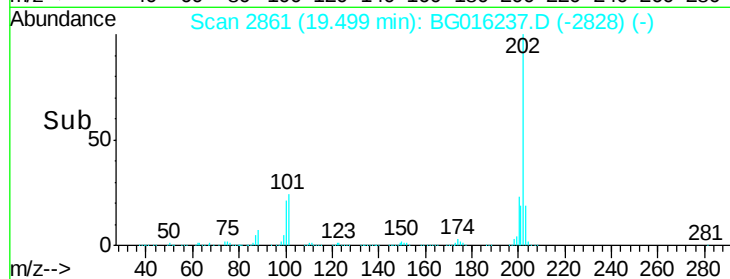
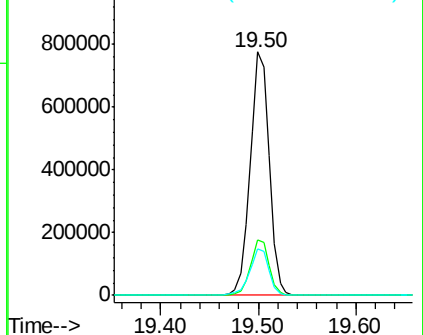
#77
 Pyrene
 Concen: 42.01 ng
 RT: 19.50 min Scan# 2861
 Delta R.T. -0.00 min
 Lab File: BG016237.D
 Acq: 6 Apr 2015 23:08

Instrument :
 BNA_G
 ClientSampleId :
 LS-SW01MSD

Tgt Ion:202 Resp: 1064355
 Ion Ratio Lower Upper
 202 100
 200 22.8 17.8 26.8
 203 19.0 14.7 22.1

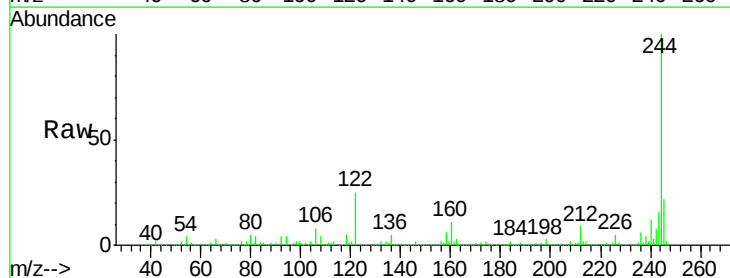


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

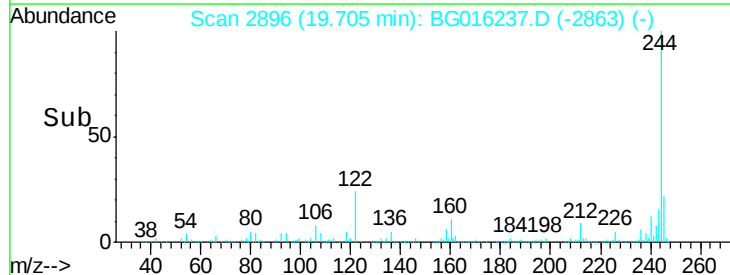
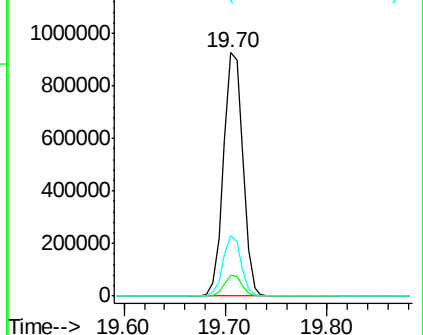


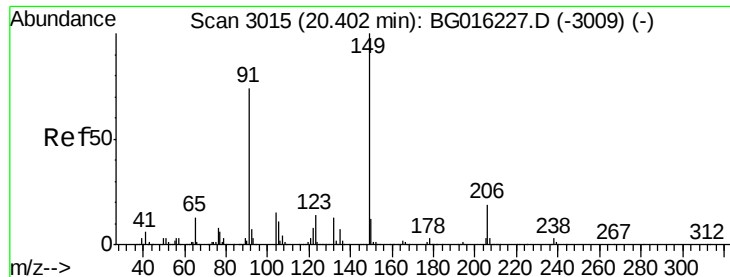
#78
 Terphenyl-d14
 Concen: 79.31 ng
 RT: 19.70 min Scan# 2896
 Delta R.T. -0.00 min
 Lab File: BG016237.D
 Acq: 6 Apr 2015 23:08

Tgt Ion:244 Resp: 1232921
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.6 9.8
 122 24.8 19.1 28.7



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

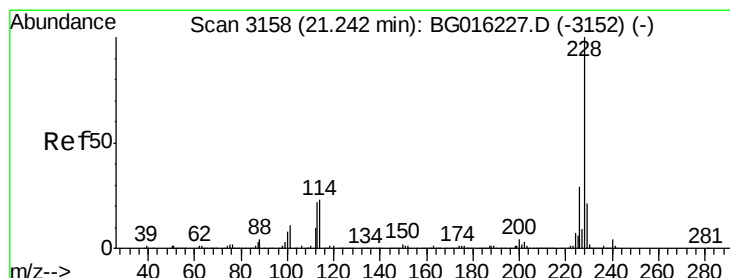
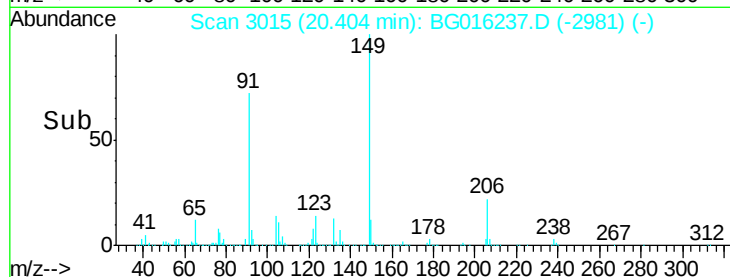
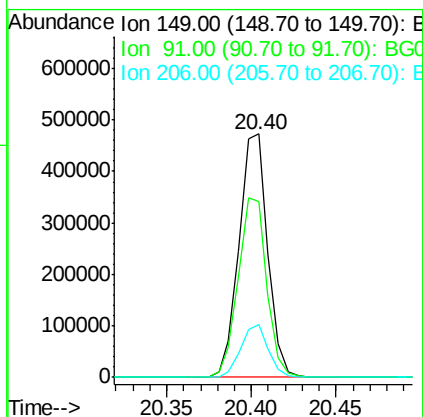
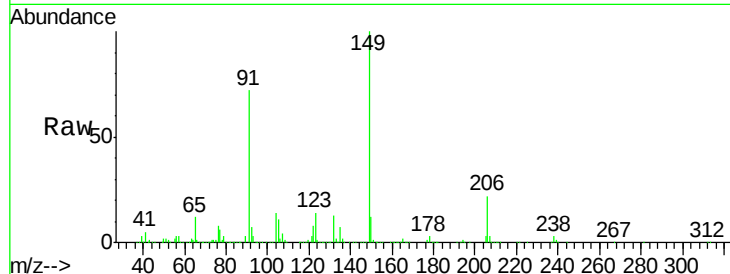




#79
Butylbenzylphthalate
Concen: 45.05 ng
RT: 20.40 min Scan# 3015
Delta R.T. 0.00 min
Lab File: BG016237.D
Acq: 6 Apr 2015 23:08

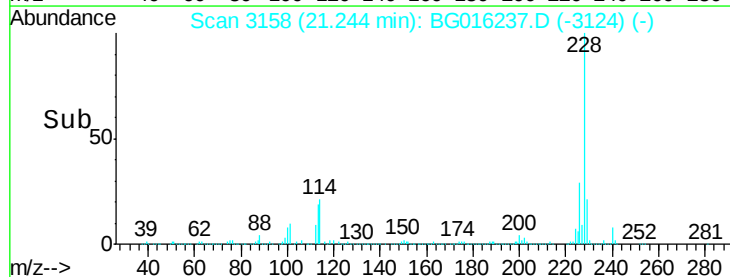
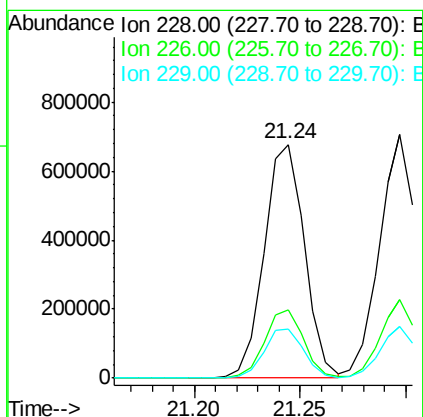
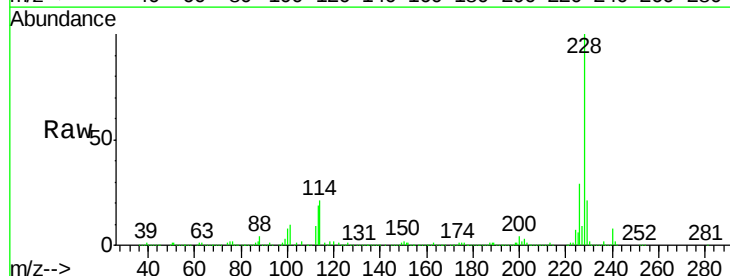
Instrument :
BNA_G
ClientSampleId :
LS-SW01MSD

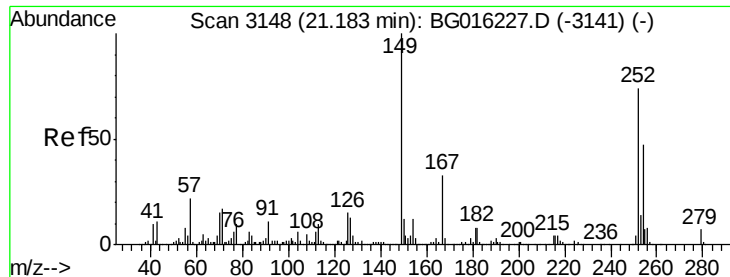
Tgt Ion:149 Resp: 560709
Ion Ratio Lower Upper
149 100
91 72.4 59.4 89.2
206 21.7 15.6 23.4



#80
Benzo(a)anthracene
Concen: 41.63 ng
RT: 21.24 min Scan# 3158
Delta R.T. 0.00 min
Lab File: BG016237.D
Acq: 6 Apr 2015 23:08

Tgt Ion:228 Resp: 895242
Ion Ratio Lower Upper
228 100
226 29.3 23.5 35.3
229 21.1 16.8 25.2

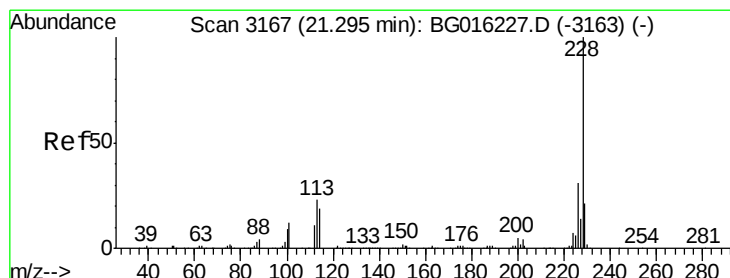
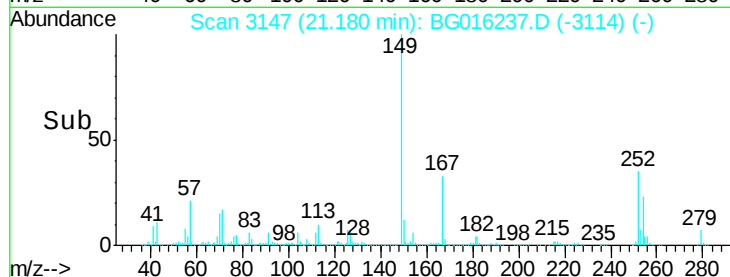
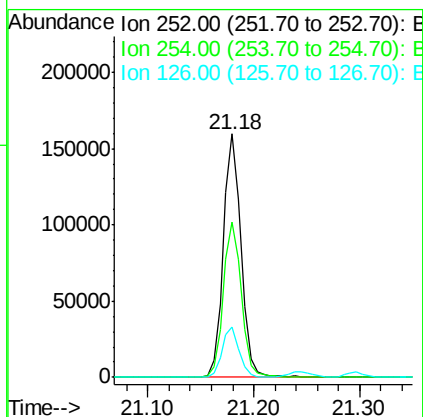
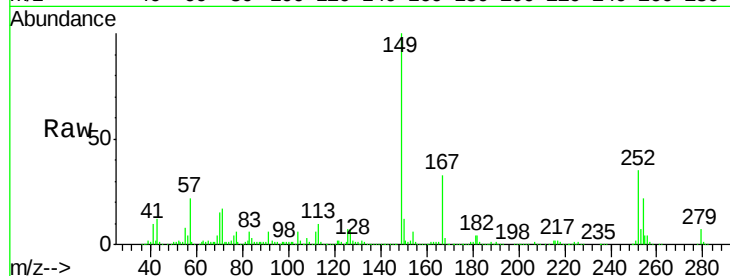




#81
 3,3'-Dichlorobenzidine
 Concen: 26.49 ng
 RT: 21.18 min Scan# 3147
 Delta R.T. -0.00 min
 Lab File: BG016237.D
 Acq: 6 Apr 2015 23:08

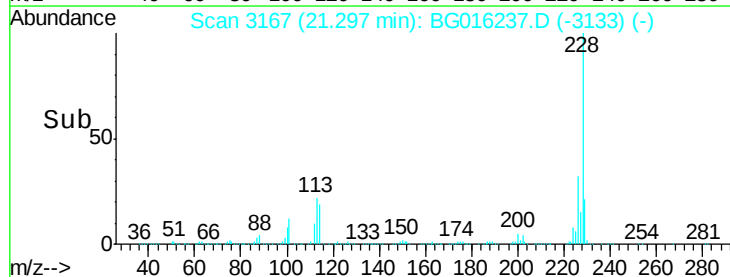
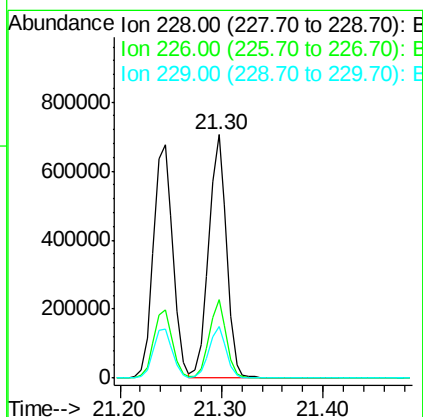
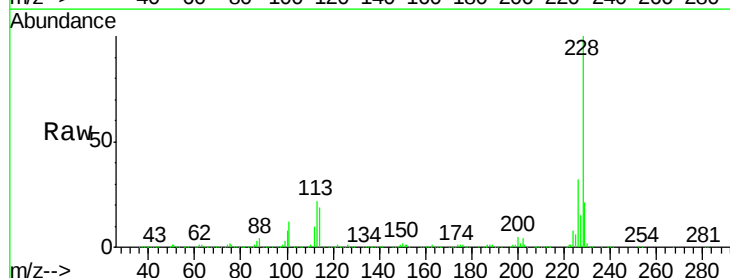
Instrument :
 BNA_G
 ClientSampleId :
 LS-SW01MSD

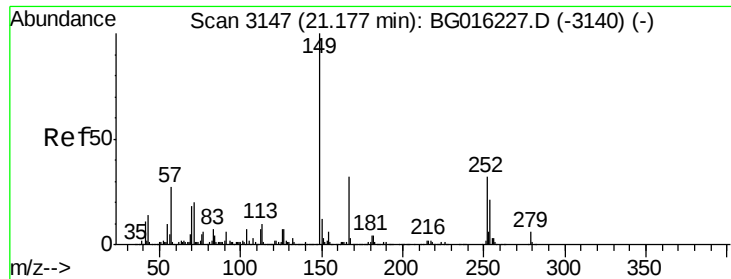
Tgt Ion: 252 Resp: 187324
 Ion Ratio Lower Upper
 252 100
 254 63.9 50.8 76.2
 126 20.8 16.0 24.0



#82
 Chrysene
 Concen: 41.34 ng
 RT: 21.30 min Scan# 3167
 Delta R.T. 0.00 min
 Lab File: BG016237.D
 Acq: 6 Apr 2015 23:08

Tgt Ion: 228 Resp: 858194
 Ion Ratio Lower Upper
 228 100
 226 32.3 25.0 37.4
 229 21.3 17.0 25.4

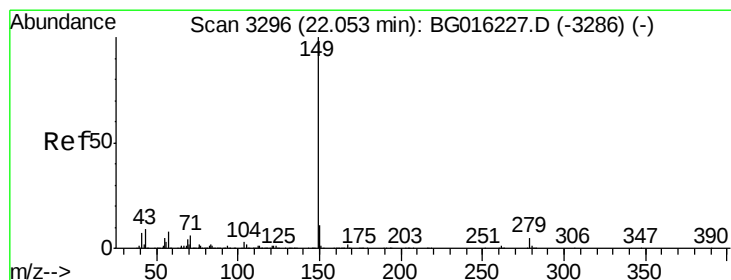
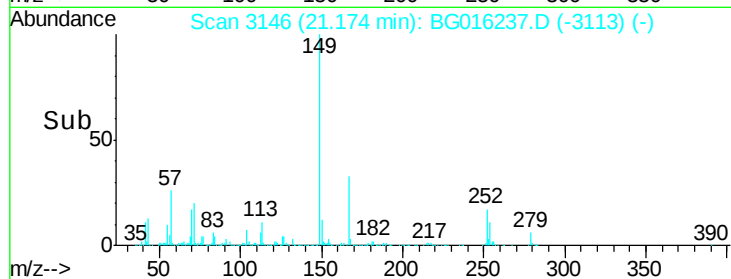
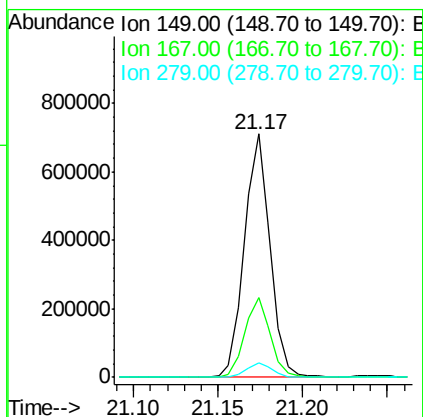
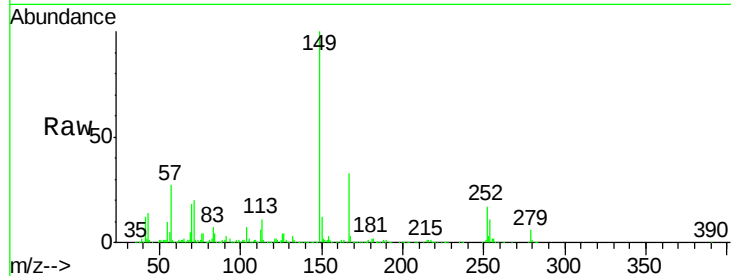




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.81 ng
 RT: 21.17 min Scan# 3146
 Delta R.T. -0.00 min
 Lab File: BG016237.D
 Acq: 6 Apr 2015 23:08

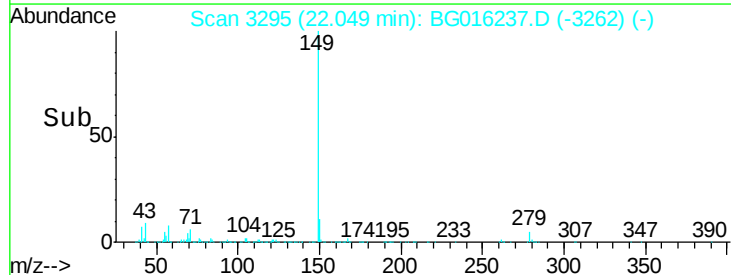
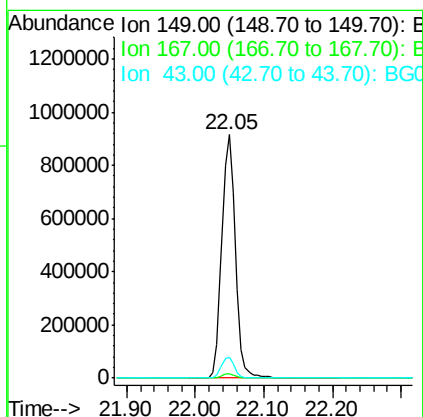
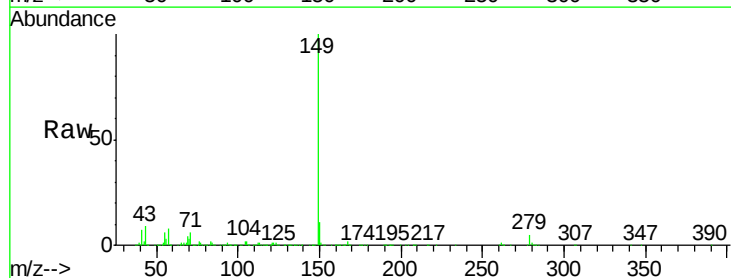
Instrument :
 BNA_G
 ClientSampleId :
 LS-SW01MSD

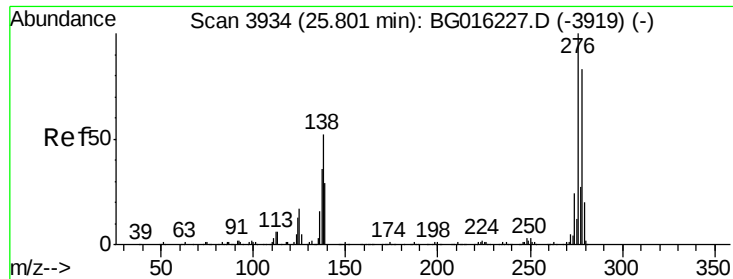
Tgt Ion:149 Resp: 755116
 Ion Ratio Lower Upper
 149 100
 167 32.9 25.8 38.6
 279 6.0 4.7 7.1



#84
 Di-n-octyl phthalate
 Concen: 45.65 ng
 RT: 22.05 min Scan# 3295
 Delta R.T. -0.00 min
 Lab File: BG016237.D
 Acq: 6 Apr 2015 23:08

Tgt Ion:149 Resp: 1253165
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.3 1.9
 43 8.5 7.0 10.4

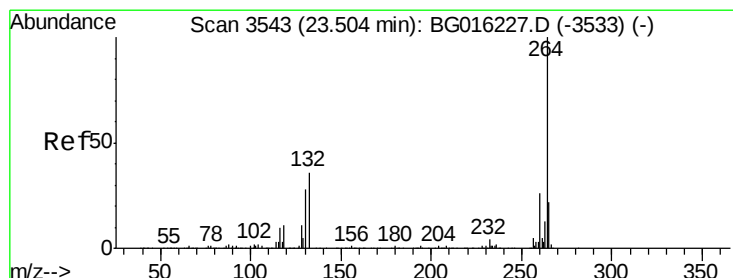
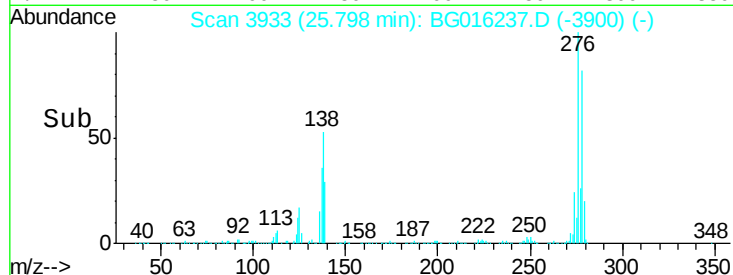
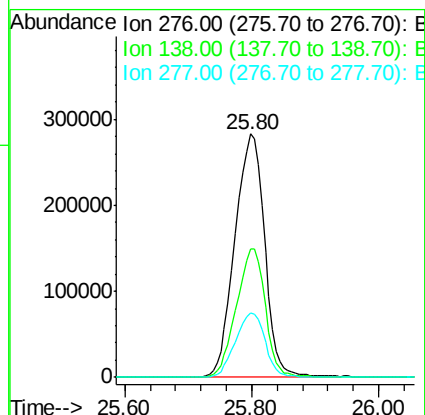
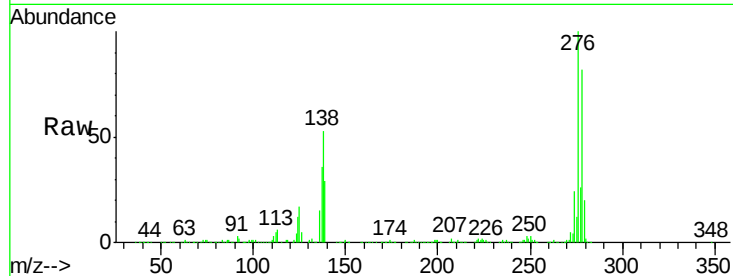




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.63 ng
 RT: 25.80 min Scan# 3933
 Delta R.T. -0.00 min
 Lab File: BG016237.D
 Acq: 6 Apr 2015 23:08

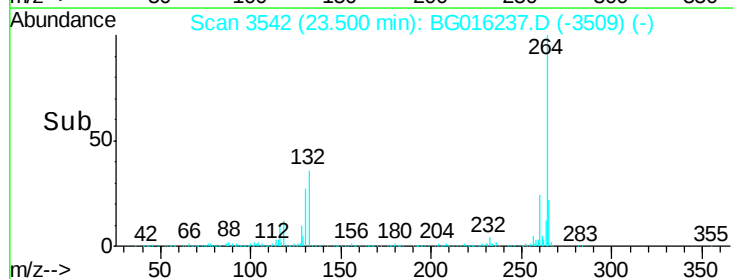
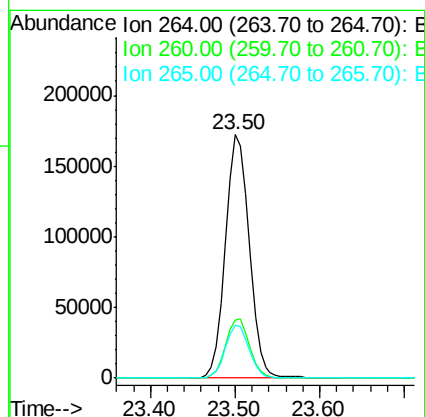
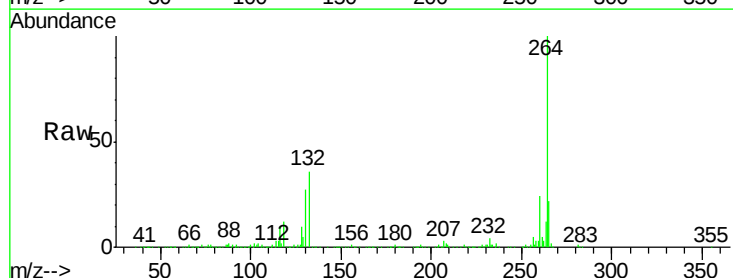
Instrument :
 BNA_G
 ClientSampleId :
 LS-SW01MSD

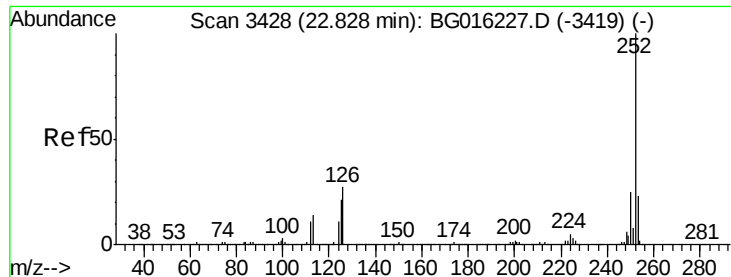
Tgt Ion: 276 Resp: 919368
 Ion Ratio Lower Upper
 276 100
 138 51.5 41.5 62.3
 277 26.5 21.0 31.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.50 min Scan# 3542
 Delta R.T. -0.00 min
 Lab File: BG016237.D
 Acq: 6 Apr 2015 23:08

Tgt Ion: 264 Resp: 336619
 Ion Ratio Lower Upper
 264 100
 260 24.0 20.4 30.6
 265 21.8 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 42.83 ng

RT: 22.82 min Scan# 3427

Delta R.T. -0.00 min

Lab File: BG016237.D

Acq: 6 Apr 2015 23:08

Instrument :

BNA_G

ClientSampleId :

LS-SW01MSD

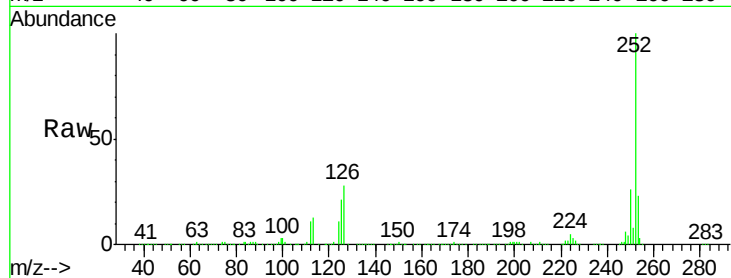
Tgt Ion:252 Resp: 844424

Ion Ratio Lower Upper

252 100

253 22.6 18.5 27.7

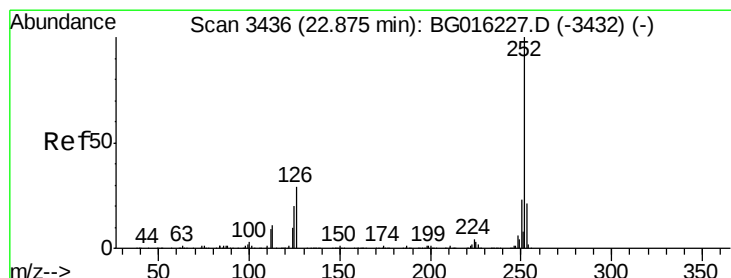
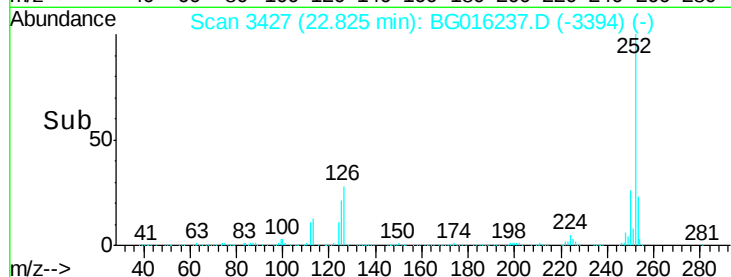
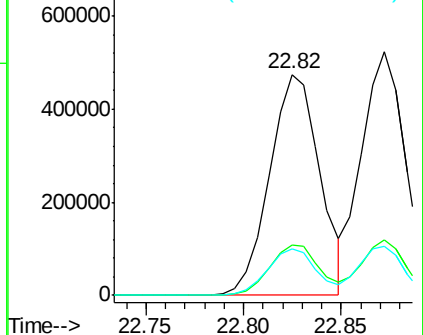
125 21.1 17.0 25.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 43.21 ng

RT: 22.87 min Scan# 3435

Delta R.T. -0.00 min

Lab File: BG016237.D

Acq: 6 Apr 2015 23:08

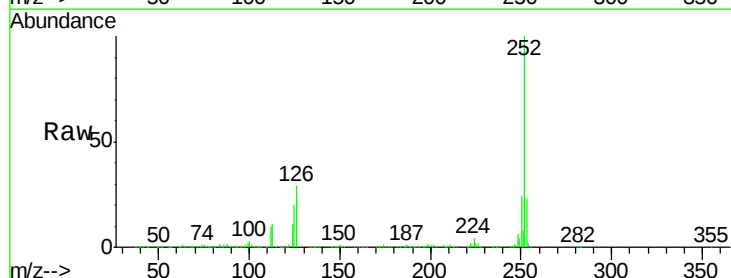
Tgt Ion:252 Resp: 833674

Ion Ratio Lower Upper

252 100

253 22.8 17.5 26.3

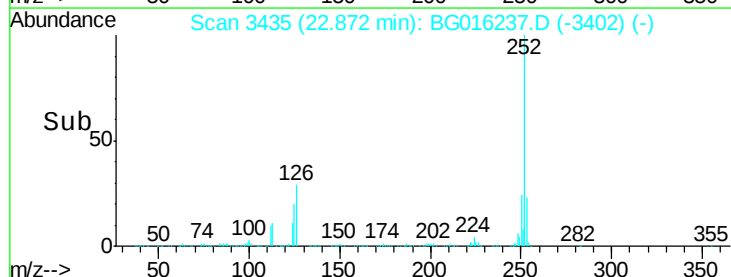
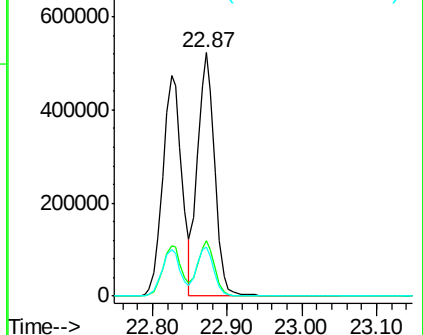
125 20.3 16.3 24.5

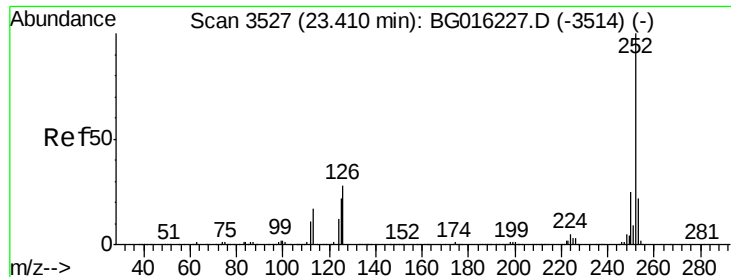


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

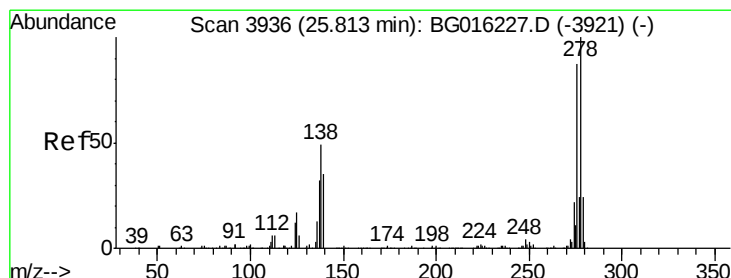
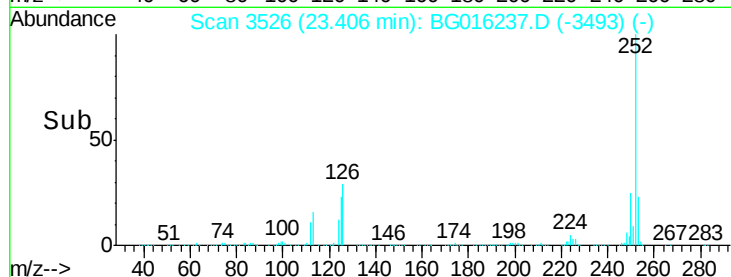
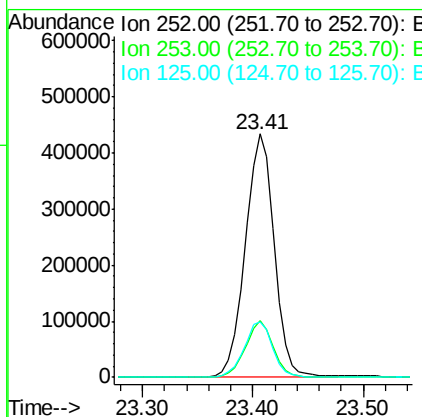
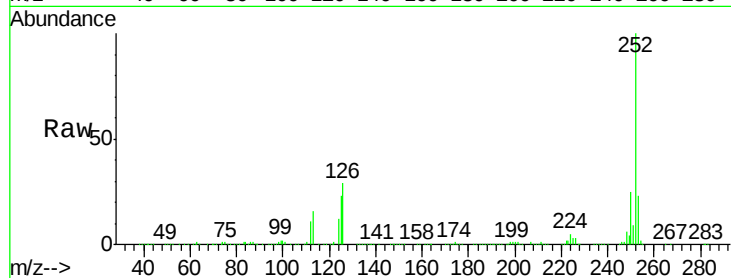




#89
Benzo(a)pyrene
Concen: 43.24 ng
RT: 23.41 min Scan# 3526
Delta R.T. -0.00 min
Lab File: BG016237.D
Acq: 6 Apr 2015 23:08

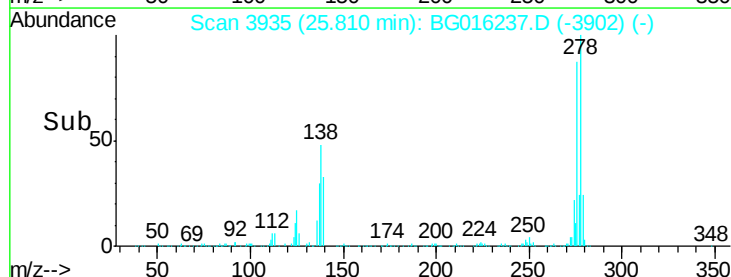
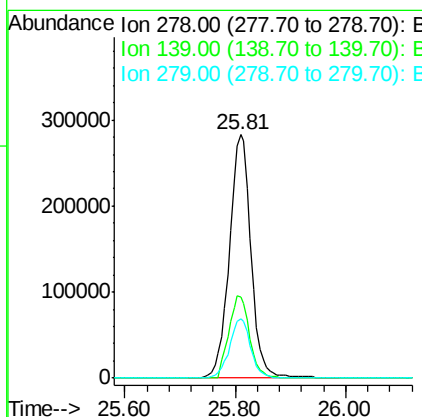
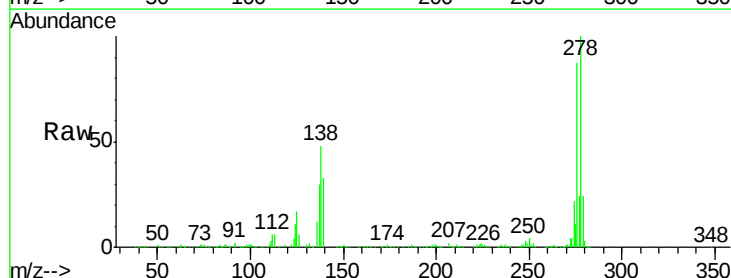
Instrument :
BNA_G
ClientSampleId :
LS-SW01MSD

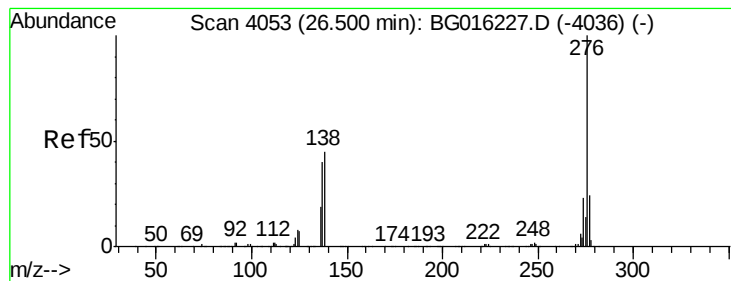
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	22.6	17.6	26.4



#90
Dibenzo(a,h)anthracene
Concen: 43.10 ng
RT: 25.81 min Scan# 3935
Delta R.T. -0.00 min
Lab File: BG016237.D
Acq: 6 Apr 2015 23:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	33.4	27.9	41.9
279	24.4	19.5	29.3





#91

Benzo(g,h,i)perylene

Concen: 43.82 ng

RT: 26.50 min Scan# 4053

Delta R.T. 0.00 min

Lab File: BG016237.D

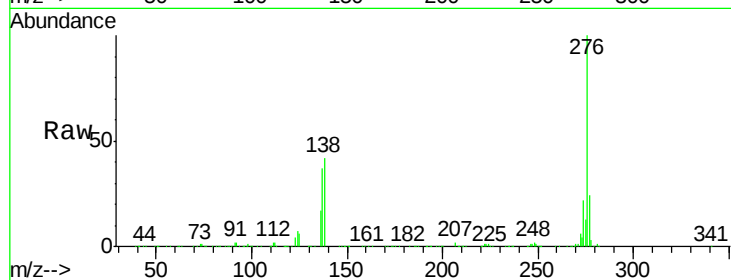
Acq: 6 Apr 2015 23:08

Instrument :

BNA_G

ClientSampleId :

LS-SW01MSD



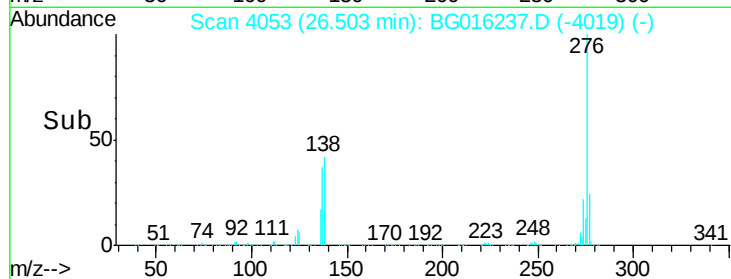
Tgt Ion: 276 Resp: 786975

Ion Ratio Lower Upper

276 100

277 24.3 19.5 29.3

138 42.3 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

