

Data Path : Z:\HPCHEM1\BNA_G\Data\BG040615\
 Data File : BG016236.D
 Acq On : 6 Apr 2015 22:34
 Operator : TP/IZ
 Sample : G1757-04MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LS-SW01MS

Quant Time: Apr 07 06:01:22 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	67982	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	344341	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	213751	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	439397	20.00	ng	0.00
75) Chrysene-d12	21.26	240	369775	20.00	ng	0.00
86) Perylene-d12	23.51	264	342452	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	236484	54.90	ng	0.00
7) Phenol-d6	6.87	99	243016	37.58	ng	0.00
23) Nitrobenzene-d5	8.86	82	462083	77.74	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	196141	135.68	ng	0.00
44) 2-Fluorobiphenyl	12.96	172	1030793	82.11	ng	0.00
78) Terphenyl-d14	19.71	244	1242410	78.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.18	88	21298	10.88	ng	95
3) Pyridine	3.58	79	33421	5.71	ng	90
4) n-Nitrosodimethylamine	3.49	42	20728	11.91	ng	# 98
6) Aniline	7.03	93	108935	11.80	ng	97
8) 2-Chlorophenol	7.27	128	171778	33.21	ng	98
9) Benzaldehyde	6.84	77	118488	31.28	ng	98
10) Phenol	6.90	94	90262	13.05	ng	99
11) bis(2-Chloroethyl)ether	7.13	93	205955	37.33	ng	100
12) 1,3-Dichlorobenzene	7.59	146	185356	35.48	ng	98
13) 1,4-Dichlorobenzene	7.74	146	187229	34.55	ng	98
14) 1,2-Dichlorobenzene	8.05	146	187727	36.22	ng	99
15) Benzyl Alcohol	7.94	79	97482	21.63	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.24	45	246290	39.64	ng	100
17) 2-Methylphenol	8.15	107	142066	30.62	ng	97
18) Hexachloroethane	8.77	117	71180	34.34	ng	96
19) n-Nitroso-di-n-propylamine	8.51	70	181867	39.25	ng	96
20) 3+4-Methylphenols	8.47	107	174649	27.18	ng	99
22) Acetophenone	8.52	105	317884	39.81	ng	# 98
24) Nitrobenzene	8.90	77	248701	39.13	ng	94
25) Isophorone	9.42	82	518701	39.30	ng	100
26) 2-Nitrophenol	9.60	139	121950	41.14	ng	97
27) 2,4-Dimethylphenol	9.67	122	218014	39.49	ng	99
28) bis(2-Chloroethoxy)methane	9.90	93	306793	40.72	ng	100
29) 2,4-Dichlorophenol	10.14	162	186748	42.75	ng	98
30) 1,2,4-Trichlorobenzene	10.35	180	176357	38.67	ng	99
31) Naphthalene	10.54	128	695178	38.74	ng	99
32) Benzoic acid	9.76	122	35597	16.82	ng	99
33) 4-Chloroaniline	10.65	127	177504	21.08	ng	98
34) Hexachlorobutadiene	10.82	225	76785	38.32	ng	97
35) Caprolactam	11.45	113	5592	2.03	ng	96
36) 4-Chloro-3-methylphenol	11.78	107	231473	40.11	ng	97
37) 2-Methylnaphthalene	12.15	142	538650	41.73	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.52	216	184402	39.18	ng	99
40) Hexachlorocyclopentadiene	12.51	237	173121	80.37	ng	98

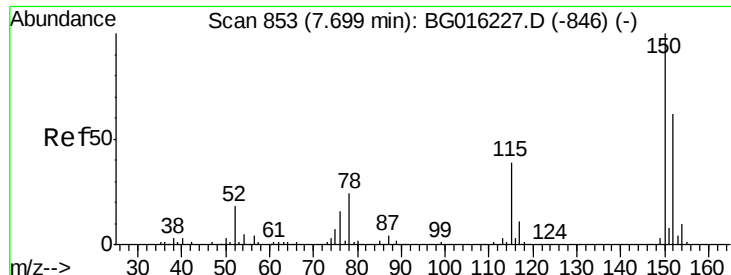
Data Path : Z:\HPCHEM1\BNA_G\Data\BG040615\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.77	196	145459	41.59	ng	99
43) 2,4,5-Trichlorophenol	12.84	196	164261	43.96	ng	99
45) 1,1'-Biphenyl	13.17	154	674376	41.13	ng	99
46) 2-Chloronaphthalene	13.21	162	501720	40.17	ng	99
47) 2-Nitroaniline	13.42	65	168646	41.89	ng	96
48) Acenaphthylene	14.06	152	869743	39.16	ng	99
49) Dimethylphthalate	13.81	163	659616	42.11	ng	100
50) 2,6-Dinitrotoluene	13.92	165	164221	43.34	ng	97
51) Acenaphthene	14.40	154	543711	40.97	ng	99
52) 3-Nitroaniline	14.25	138	124036	25.64	ng	95
53) 2,4-Dinitrophenol	14.46	184	185390	84.08	ng	98
54) Dibenzofuran	14.74	168	782966	42.51	ng	99
55) 4-Nitrophenol	14.56	139	127618	31.91	ng	98
56) 2,4-Dinitrotoluene	14.71	165	231238	44.81	ng	96
57) Fluorene	15.39	166	686441	42.25	ng	100
58) 2,3,4,6-Tetrachlorophenol	14.97	232	127934	44.37	ng	96
59) Diethylphthalate	15.17	149	706998	42.40	ng	99
60) 4-Chlorophenyl-phenylether	15.39	204	283964	42.72	ng	97
61) 4-Nitroaniline	15.41	138	161106	29.33	ng	99
62) Azobenzene	15.68	77	753478	42.45	ng	99
64) 4,6-Dinitro-2-methylphenol	15.47	198	123244	40.51	ng	97
65) n-Nitrosodiphenylamine	15.60	169	607309	40.89	ng	99
66) 4-Bromophenyl-phenylether	16.28	248	153444	43.74	ng	96
67) Hexachlorobenzene	16.39	284	158182	43.38	ng	96
68) Atrazine	16.55	200	179437	43.34	ng	99
69) Pentachlorophenol	16.73	266	194590	87.40	ng	99
70) Phenanthrene	17.12	178	1011506	40.93	ng	98
71) Anthracene	17.21	178	1021842	41.72	ng	99
72) Carbazole	17.48	167	1055035	42.92	ng	99
73) Di-n-butylphthalate	18.05	149	1265755	42.08	ng	99
74) Fluoranthene	19.14	202	1060231	41.62	ng	99
76) Benzidine	19.32	184	101522	6.47	ng	99
77) Pyrene	19.50	202	1102736	42.83	ng	99
79) Butylbenzylphthalate	20.40	149	569601	45.03	ng	98
80) Benzo(a)anthracene	21.24	228	919619	42.08	ng	99
81) 3,3'-Dichlorobenzidine	21.18	252	195156	27.15	ng	99
82) Chrysene	21.30	228	864529	40.98	ng	100
83) Bis(2-ethylhexyl)phthalate	21.17	149	766634	44.77	ng	99
84) Di-n-octyl phthalate	22.05	149	1260391	45.17	ng	100
85) Indeno(1,2,3-cd)pyrene	25.80	276	939334	42.86	ng	99
87) Benzo(b)fluoranthene	22.83	252	844800	42.12	ng	98
88) Benzo(k)fluoranthene	22.88	252	863661	44.00	ng	99
89) Benzo(a)pyrene	23.41	252	829499	44.13	ng	98
90) Dibenzo(a,h)anthracene	25.81	278	781802	42.74	ng	97
91) Benzo(g,h,i)perylene	26.51	276	798474	43.70	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.70 min Scan# 853

Delta R.T. 0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

Instrument :

BNA_G

ClientSampleId :

LS-SW01MS

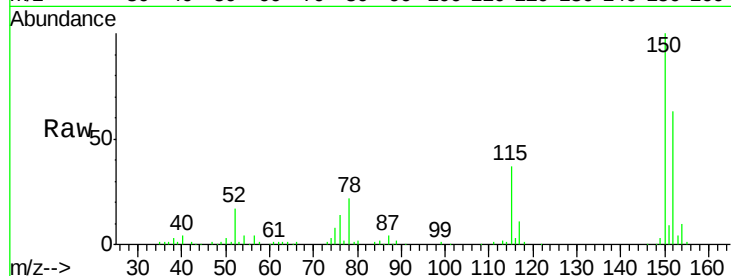
Tgt Ion:152 Resp: 67982

Ion Ratio Lower Upper

152 100

150 158.2 130.1 195.1

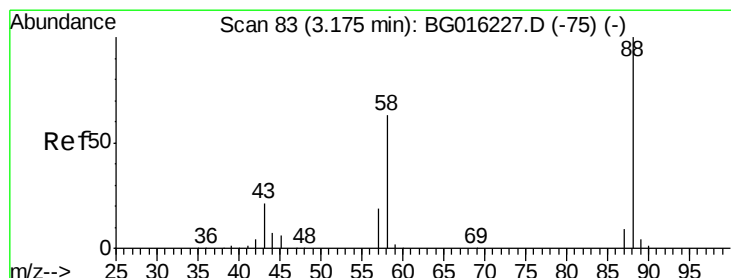
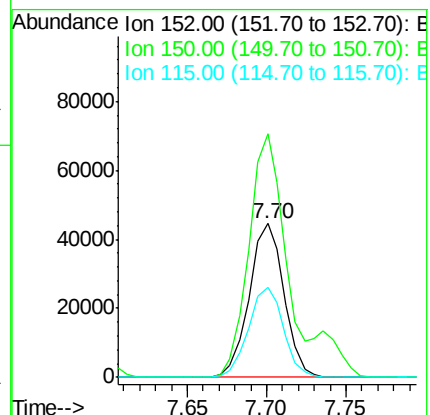
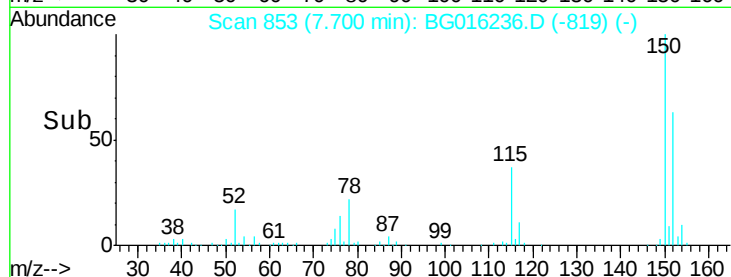
115 58.9 50.5 75.7



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: 10.88 ng

RT: 3.18 min Scan# 83

Delta R.T. 0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

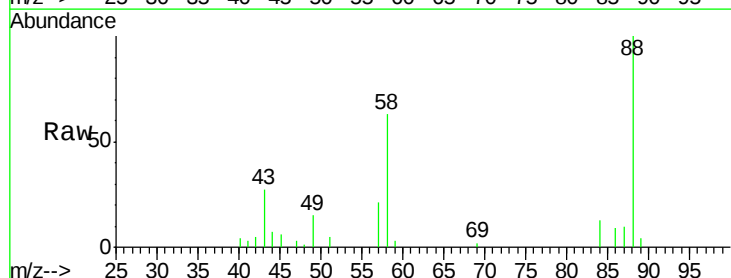
Tgt Ion: 88 Resp: 21298

Ion Ratio Lower Upper

88 100

58 58.9 50.6 76.0

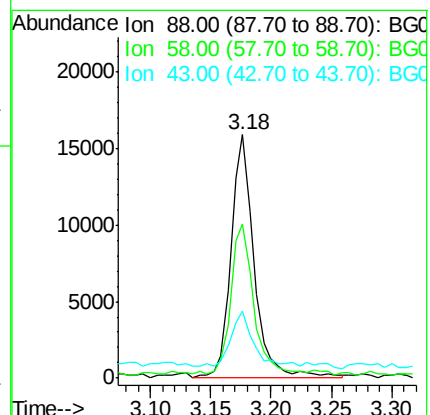
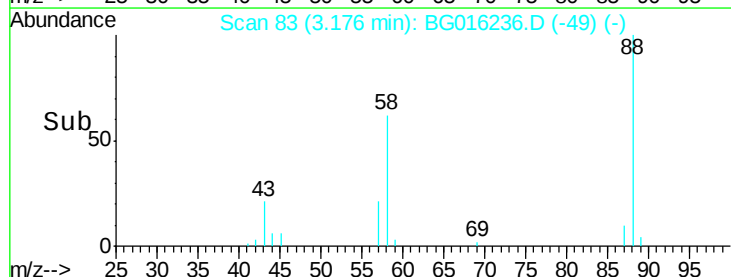
43 21.7 17.0 25.4

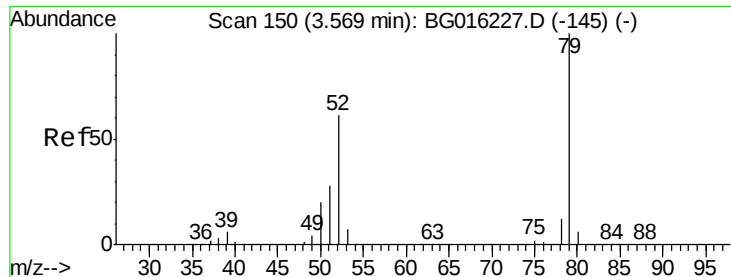


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 5.71 ng

RT: 3.58 min Scan# 151

Delta R.T. 0.01 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

Instrument :

BNA_G

ClientSampleId :

LS-SW01MS

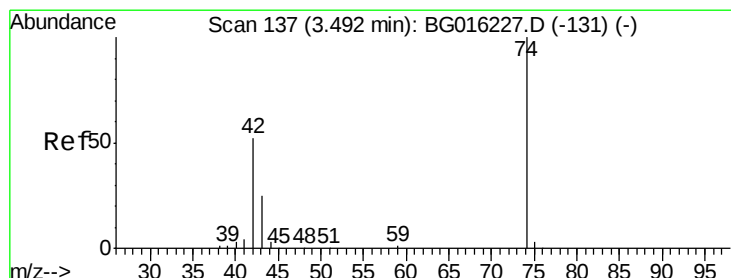
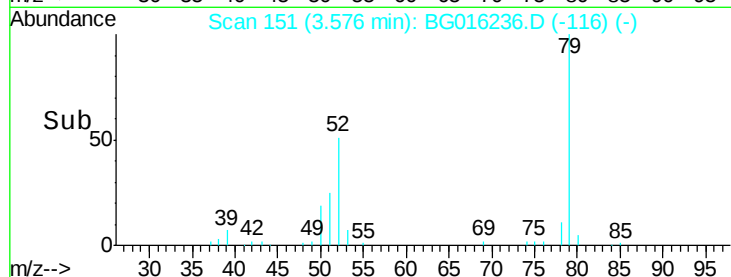
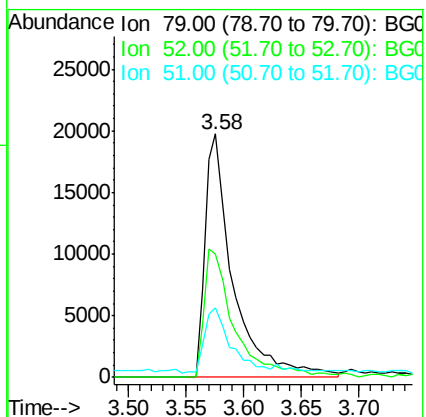
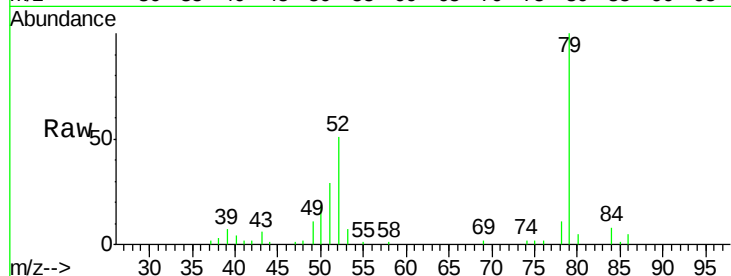
Tgt Ion: 79 Resp: 33421

Ion Ratio Lower Upper

79 100

52 50.5 49.0 73.4

51 28.7 22.5 33.7



#4

n-Nitrosodimethylamine

Concen: 11.91 ng

RT: 3.49 min Scan# 137

Delta R.T. 0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

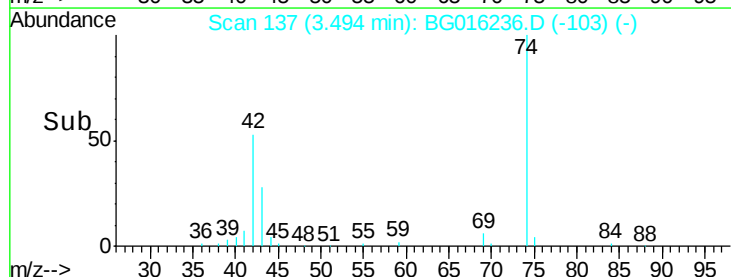
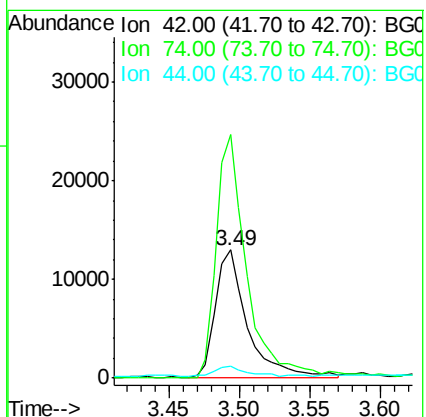
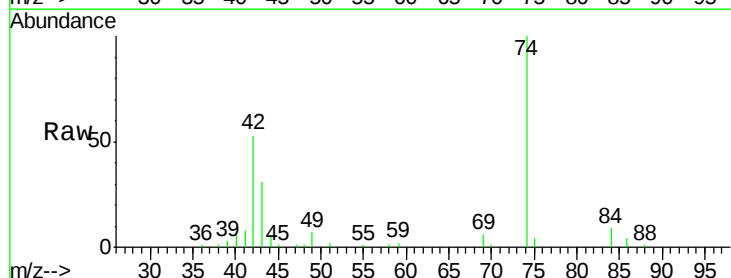
Tgt Ion: 42 Resp: 20728

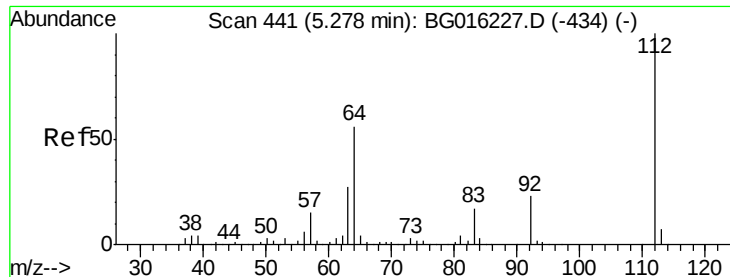
Ion Ratio Lower Upper

42 100

74 189.9 153.7 230.5

44 9.7 5.3 7.9#





#5

2-Fluorophenol

Concen: 54.90 ng

RT: 5.28 min Scan# 441

Delta R.T. 0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

Instrument :

BNA_G

ClientSampleId :

LS-SW01MS

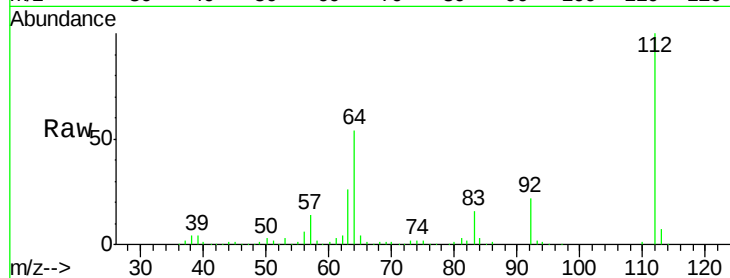
Tgt Ion: 112 Resp: 236484

Ion Ratio Lower Upper

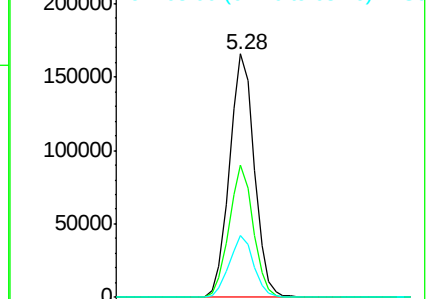
112 100

64 54.4 44.5 66.7

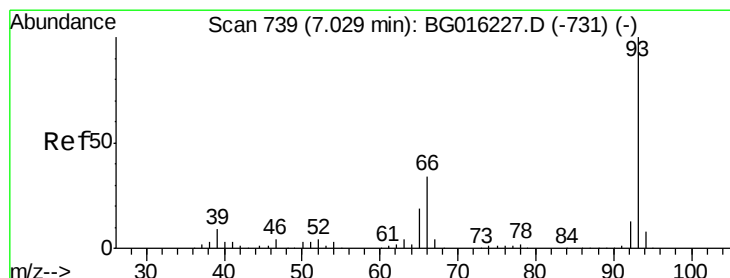
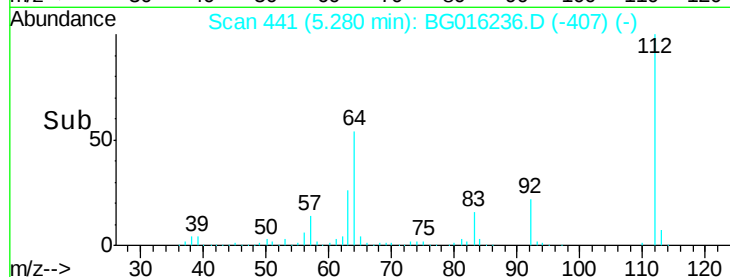
63 25.5 21.4 32.0



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



Time-->



#6

Aniline

Concen: 11.80 ng

RT: 7.03 min Scan# 739

Delta R.T. 0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

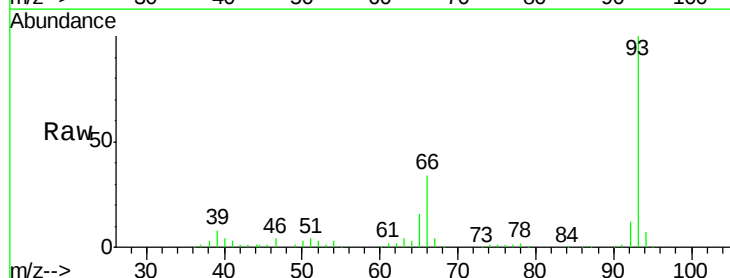
Tgt Ion: 93 Resp: 108935

Ion Ratio Lower Upper

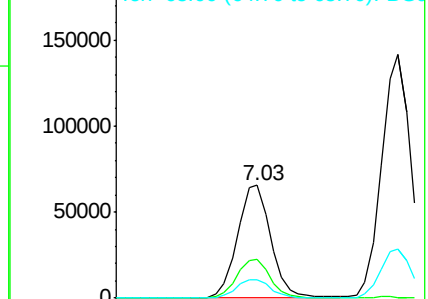
93 100

66 34.1 27.5 41.3

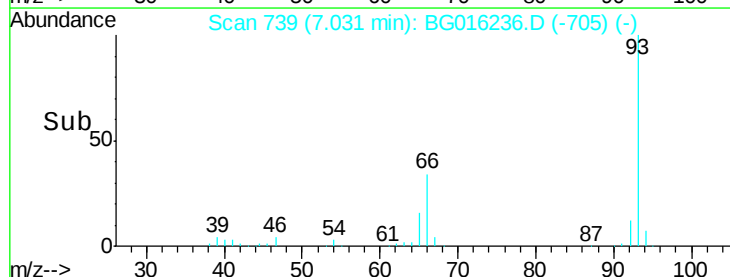
65 16.0 15.1 22.7

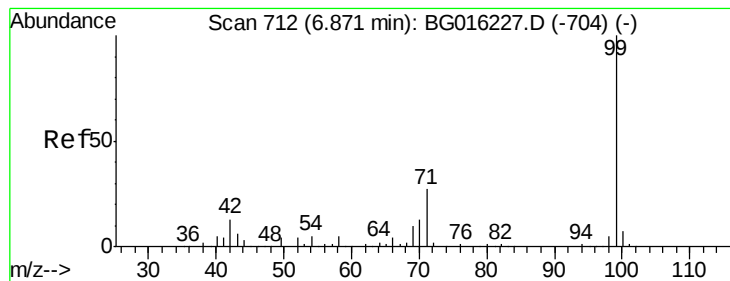


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



Time-->





#7

Phenol-d6

Concen: 37.58 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

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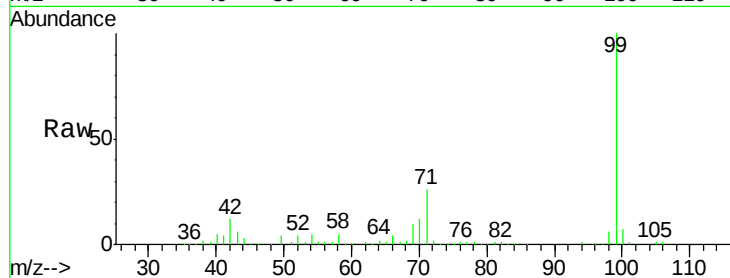
Tgt Ion: 99 Resp: 243016

Ion Ratio Lower Upper

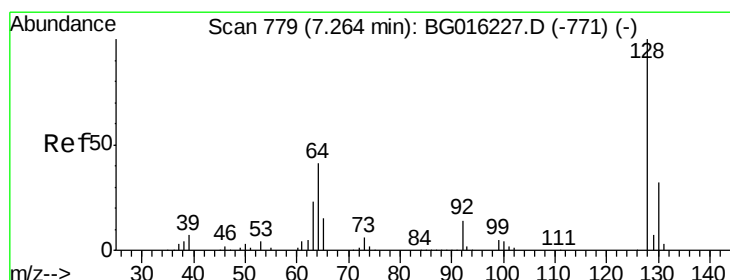
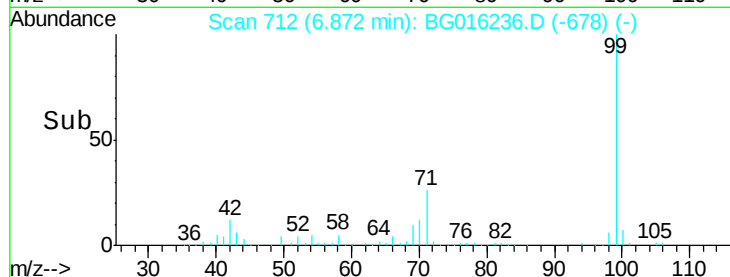
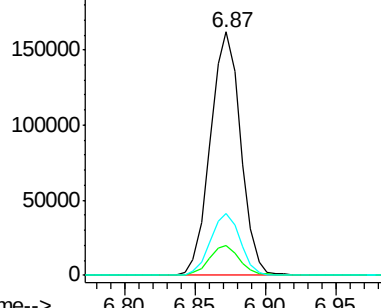
99 100

42 12.3 10.0 15.0

71 25.6 21.5 32.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 33.21 ng

RT: 7.27 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

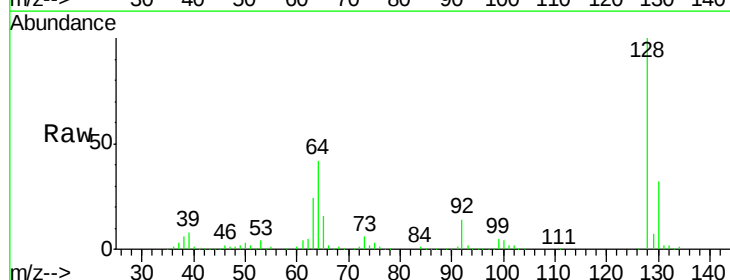
Tgt Ion: 128 Resp: 171778

Ion Ratio Lower Upper

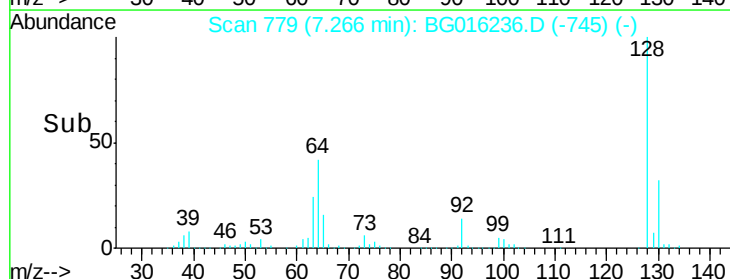
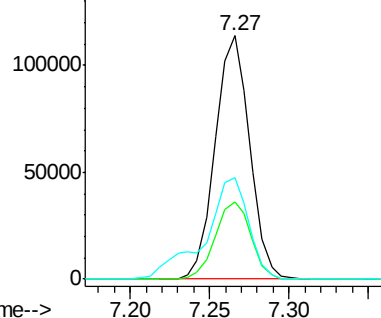
128 100

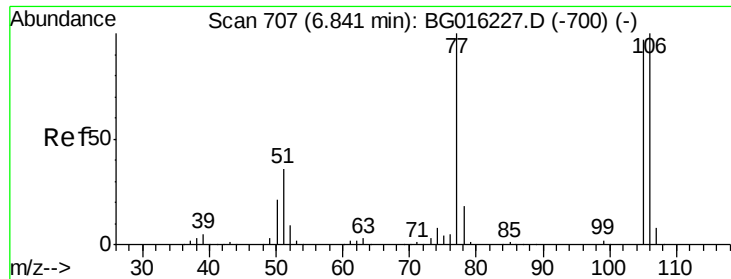
130 31.7 11.6 51.6

64 41.9 24.2 64.2



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

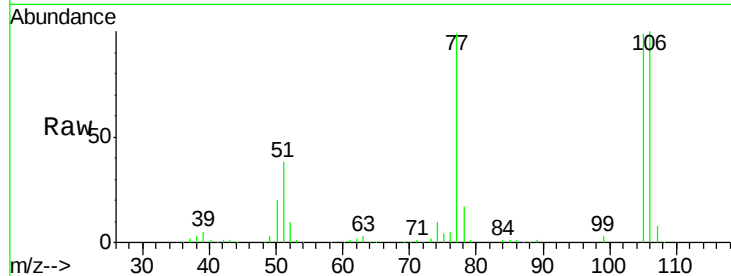




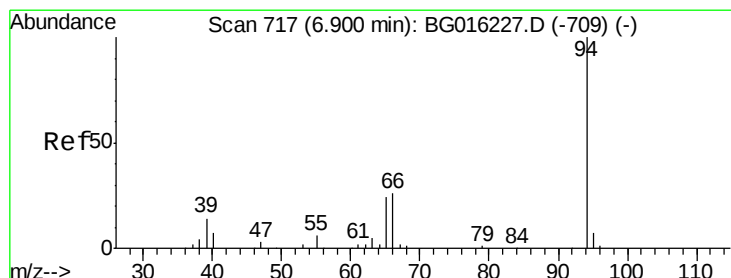
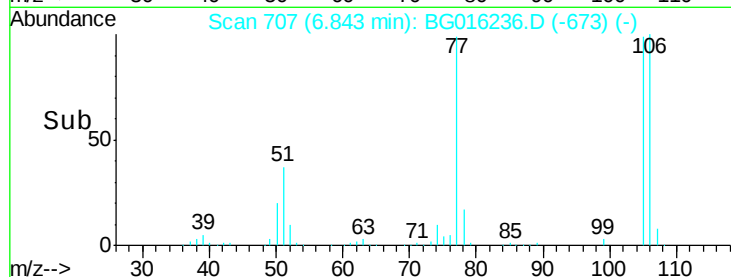
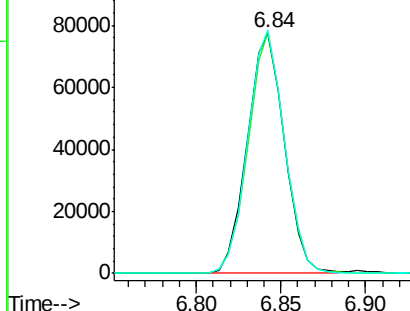
#9
Benzaldehyde
Concen: 31.28 ng
RT: 6.84 min Scan# 707
Delta R.T. 0.00 min
Lab File: BG016236.D
Acq: 6 Apr 2015 22:34

Instrument :
BNA_G
ClientSampleId :
LS-SW01MS

Tgt Ion: 77 Resp: 118488
Ion Ratio Lower Upper
77 100
105 100.3 76.8 116.8
106 101.4 80.1 120.1

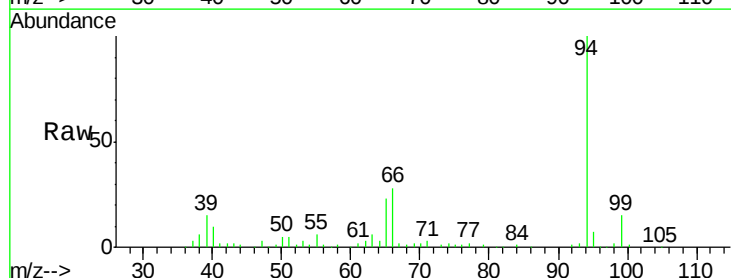


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

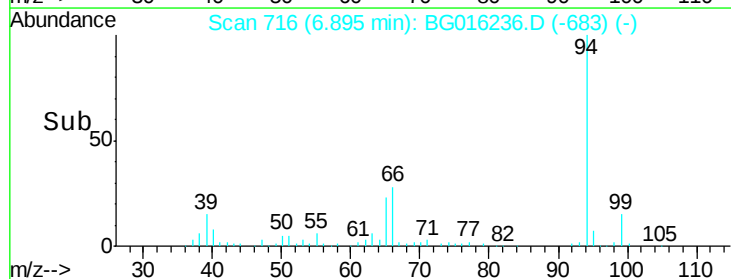
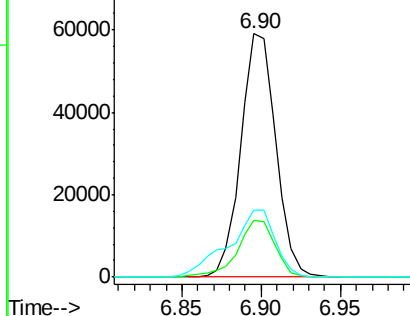


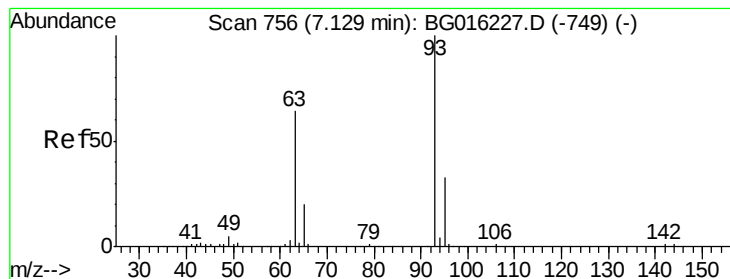
#10
Phenol
Concen: 13.05 ng
RT: 6.90 min Scan# 716
Delta R.T. -0.00 min
Lab File: BG016236.D
Acq: 6 Apr 2015 22:34

Tgt Ion: 94 Resp: 90262
Ion Ratio Lower Upper
94 100
65 23.1 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: 37.33 ng

RT: 7.13 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

Instrument :

BNA_G

ClientSampleId :

LS-SW01MS

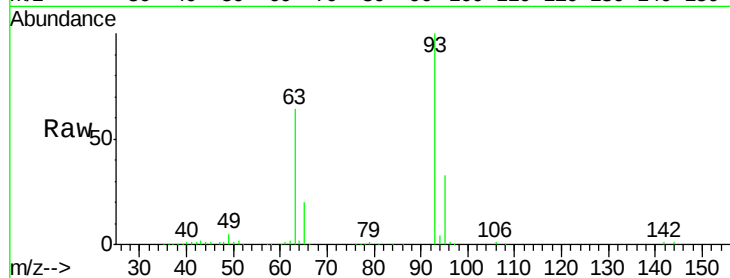
Tgt Ion: 93 Resp: 205955

Ion Ratio Lower Upper

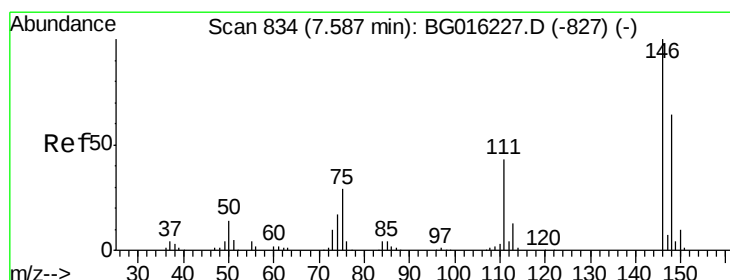
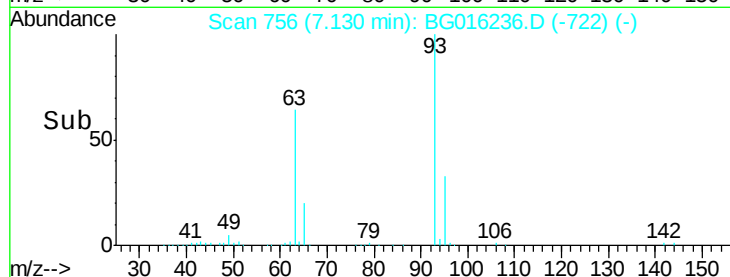
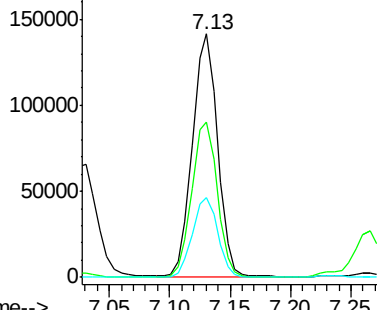
93 100

63 64.0 44.1 84.1

95 32.8 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: 35.48 ng

RT: 7.59 min Scan# 834

Delta R.T. 0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

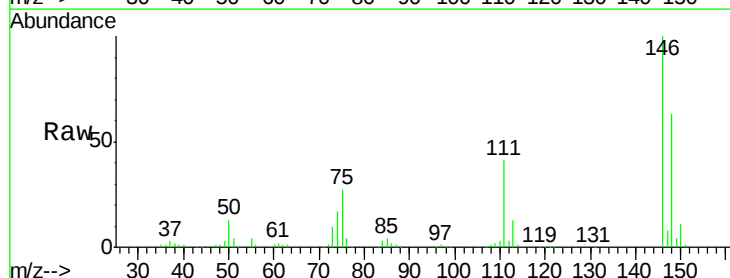
Tgt Ion: 146 Resp: 185356

Ion Ratio Lower Upper

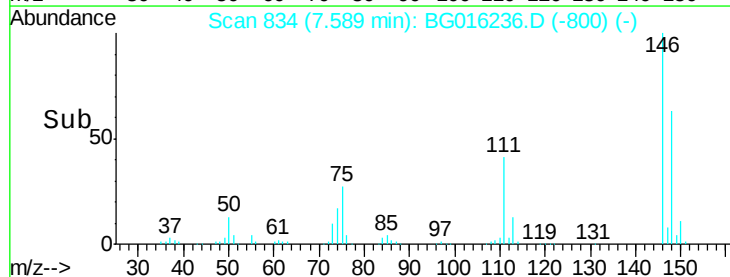
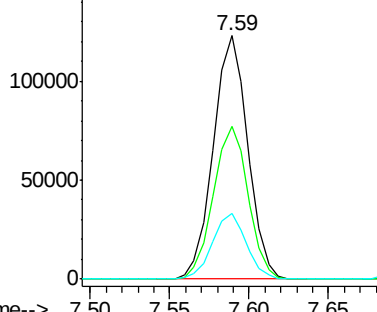
146 100

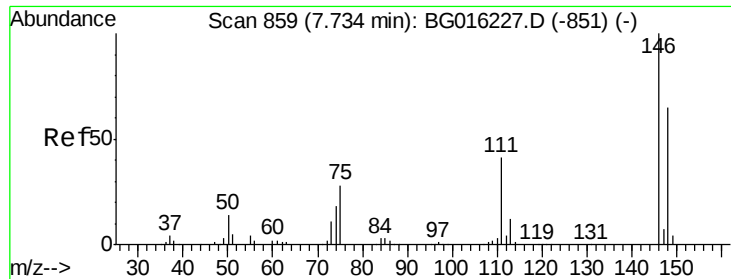
148 62.9 50.9 76.3

75 27.0 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

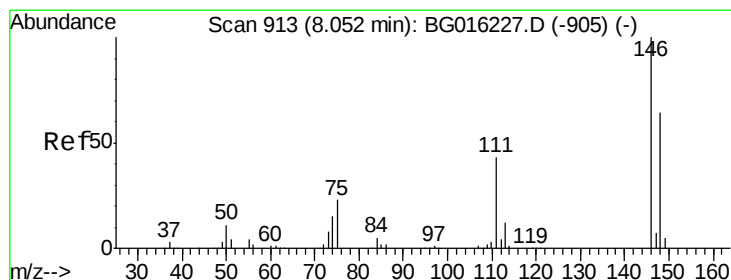
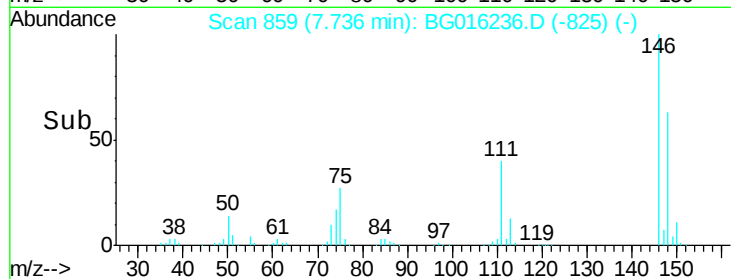
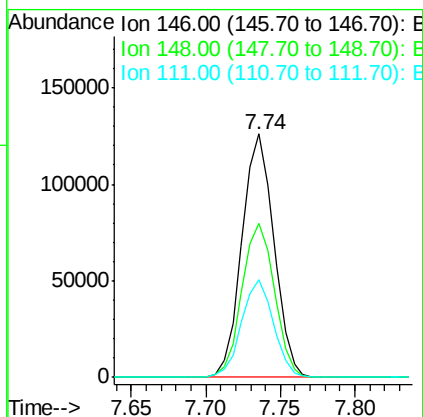
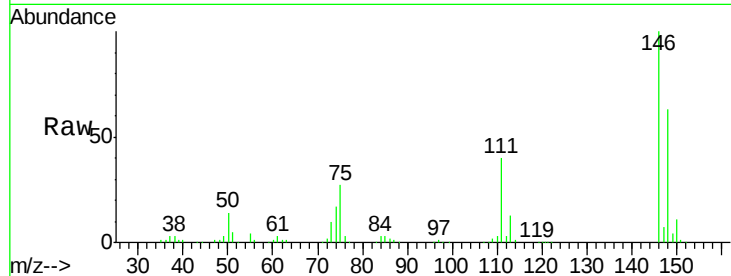




#13
 1,4-Dichlorobenzene
 Concen: 34.55 ng
 RT: 7.74 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BG016236.D
 Acq: 6 Apr 2015 22:34

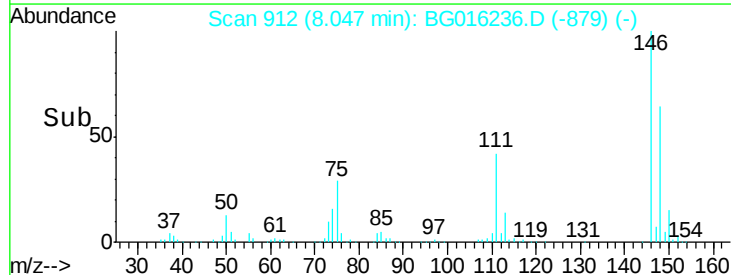
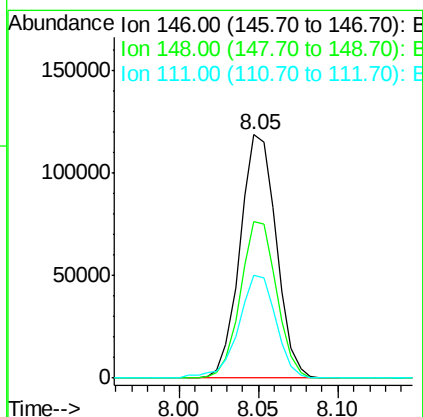
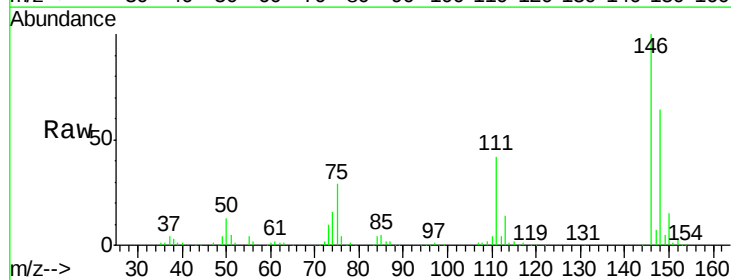
Instrument :
 BNA_G
 ClientSampleId :
 LS-SW01MS

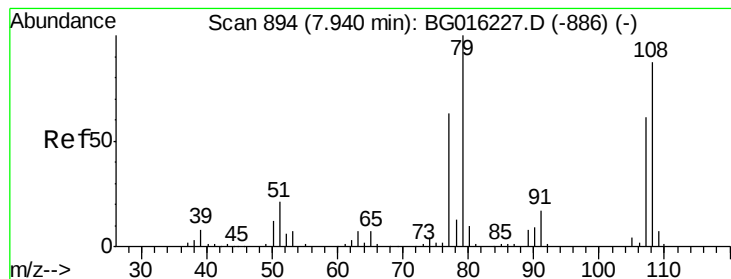
Tgt Ion:146 Resp: 187229
 Ion Ratio Lower Upper
 146 100
 148 63.0 52.0 78.0
 111 39.9 32.6 49.0



#14
 1,2-Dichlorobenzene
 Concen: 36.22 ng
 RT: 8.05 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: BG016236.D
 Acq: 6 Apr 2015 22:34

Tgt Ion:146 Resp: 187727
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.9 76.3
 111 42.4 34.7 52.1





#15

Benzyl Alcohol

Concen: 21.63 ng

RT: 7.94 min Scan# 893

Delta R.T. -0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

Instrument :

BNA_G

ClientSampleId :

LS-SW01MS

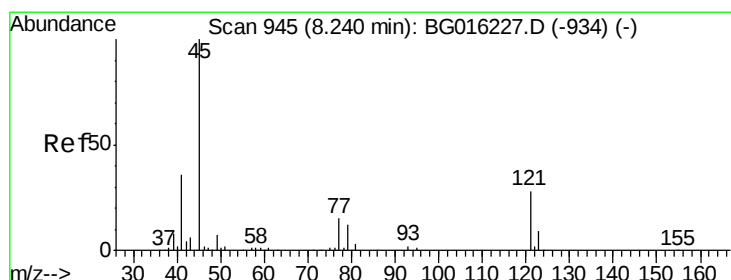
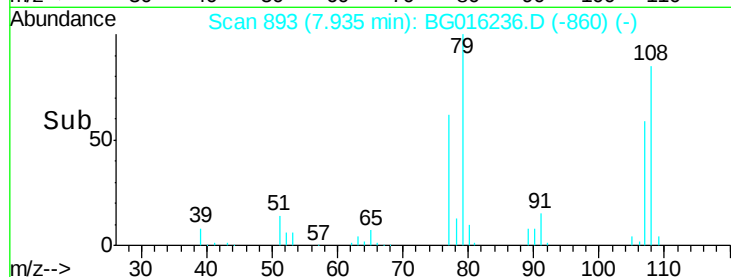
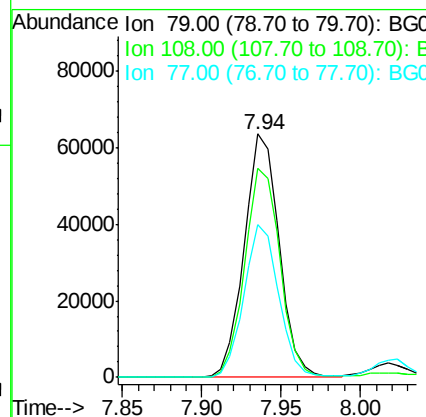
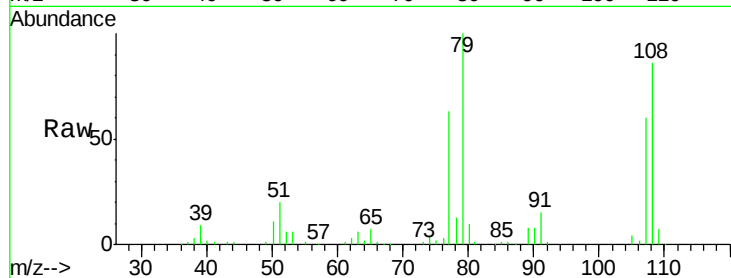
Tgt Ion: 79 Resp: 97482

Ion Ratio Lower Upper

79 100

108 85.8 69.3 103.9

77 62.8 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.64 ng

RT: 8.24 min Scan# 944

Delta R.T. -0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

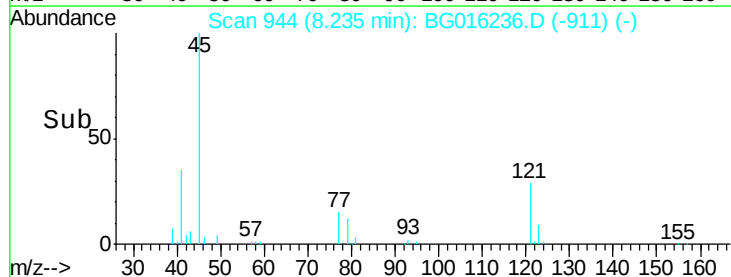
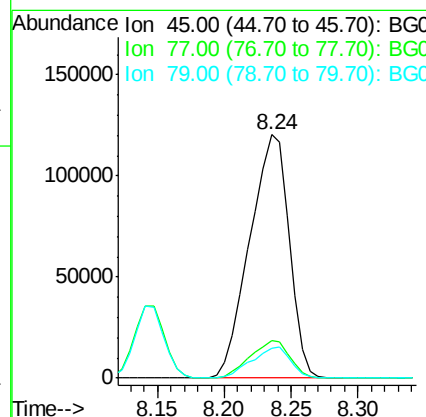
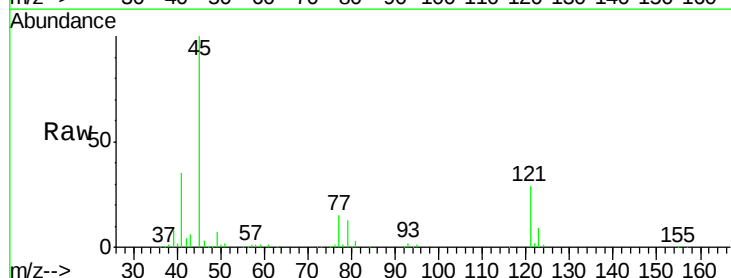
Tgt Ion: 45 Resp: 246290

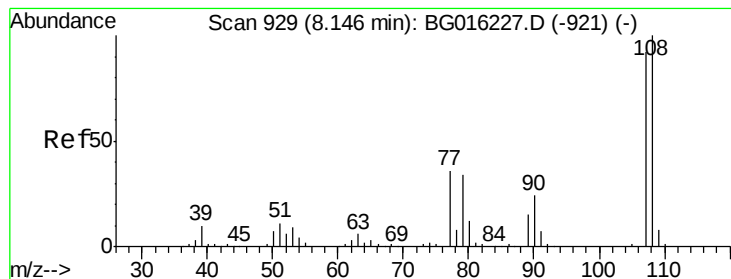
Ion Ratio Lower Upper

45 100

77 15.3 0.0 35.3

79 12.5 0.0 32.3





#17

2-Methylphenol

Concen: 30.62 ng

RT: 8.15 min Scan# 929

Delta R.T. 0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

Instrument :

BNA_G

ClientSampleId :

LS-SW01MS

Tgt Ion:107 Resp: 142066

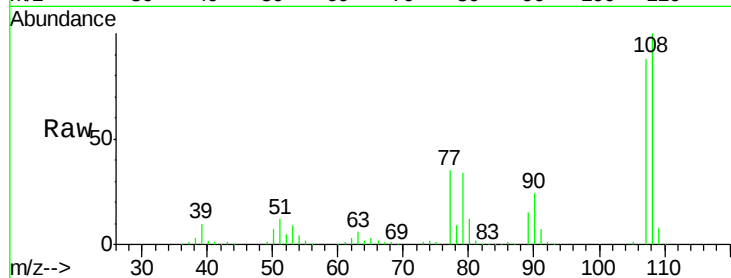
Ion Ratio Lower Upper

107 100

108 113.8 87.2 130.8

77 39.6 31.1 46.7

79 38.4 29.7 44.5

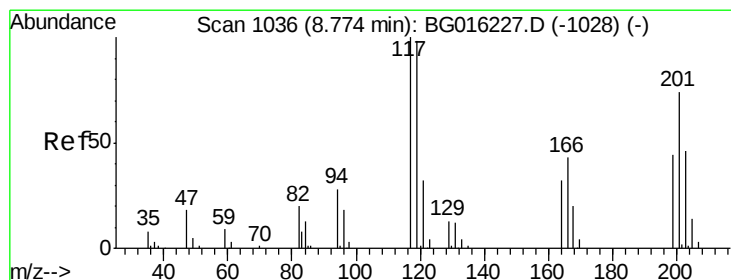
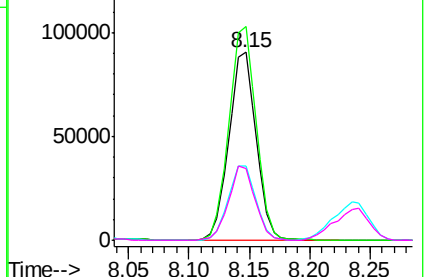
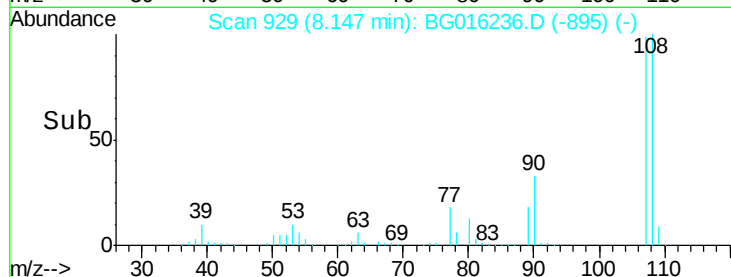


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 34.34 ng

RT: 8.77 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

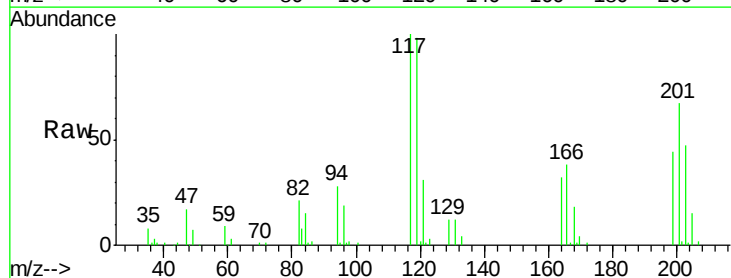
Tgt Ion:117 Resp: 71180

Ion Ratio Lower Upper

117 100

119 97.8 78.8 118.2

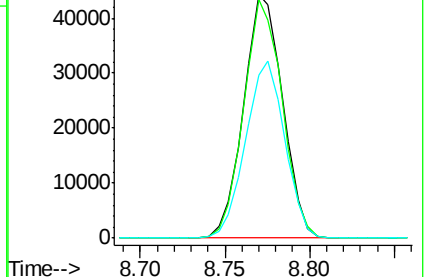
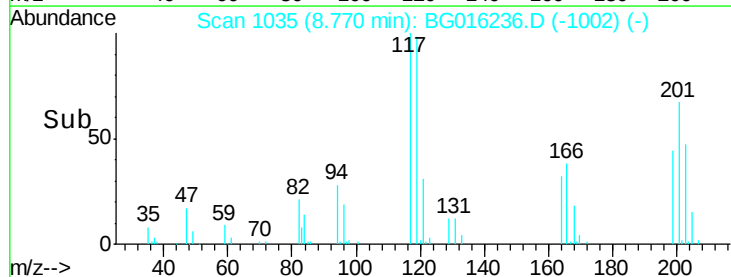
201 67.0 59.0 88.4

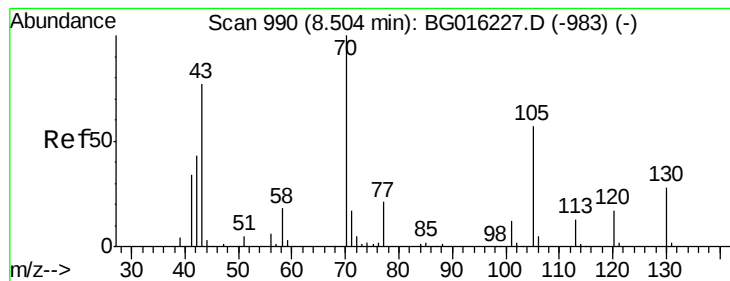


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.25 ng

RT: 8.51 min Scan# 990

Delta R.T. 0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

Instrument :

BNA_G

ClientSampleId :

LS-SW01MS

Tgt Ion: 70 Resp: 181867

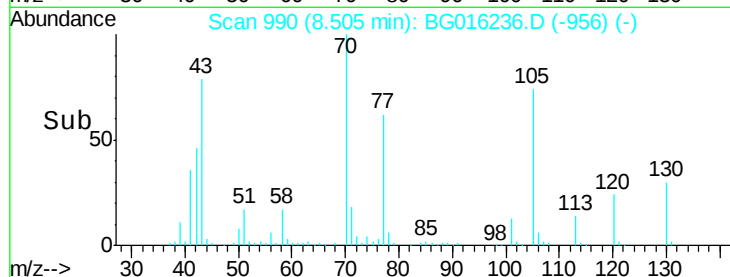
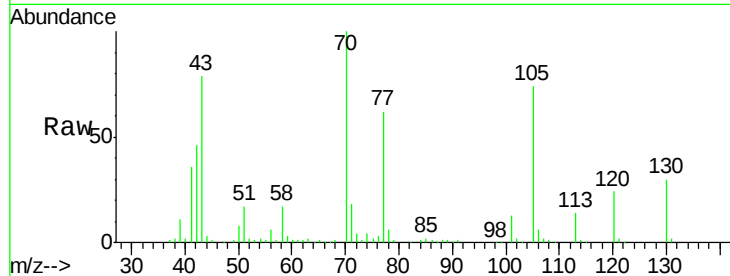
Ion Ratio Lower Upper

70 100

42 46.2 34.7 52.1

101 13.0 9.2 13.8

130 30.4 22.6 33.8

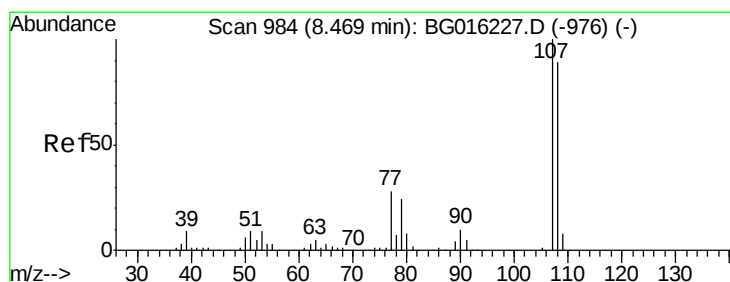
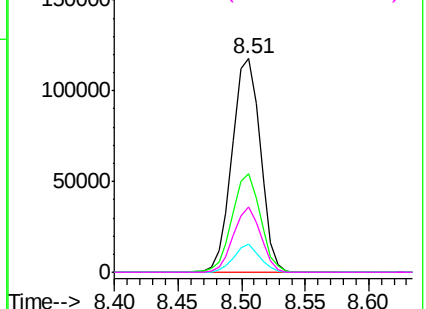


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 27.18 ng

RT: 8.47 min Scan# 984

Delta R.T. 0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

Tgt Ion: 107 Resp: 174649

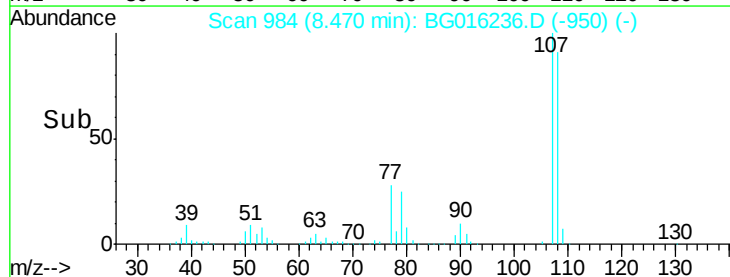
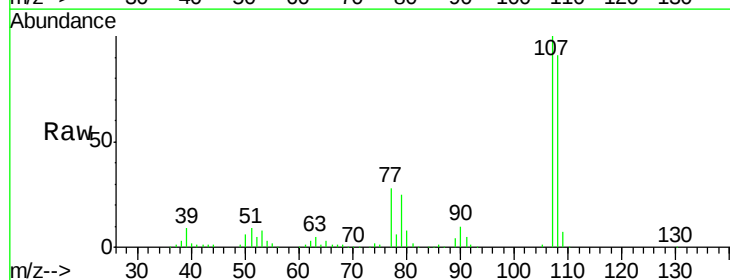
Ion Ratio Lower Upper

107 100

108 90.6 69.5 109.5

77 27.8 8.2 48.2

79 24.5 3.8 43.8

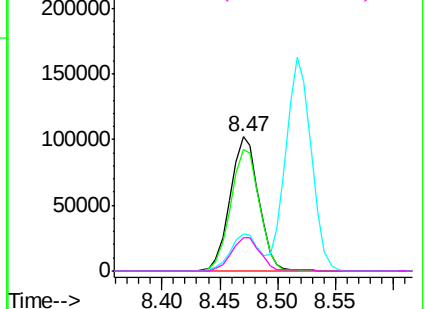


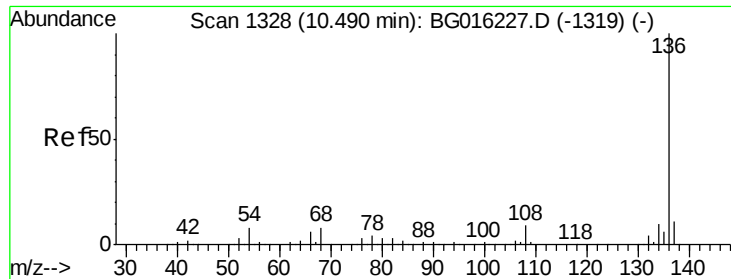
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

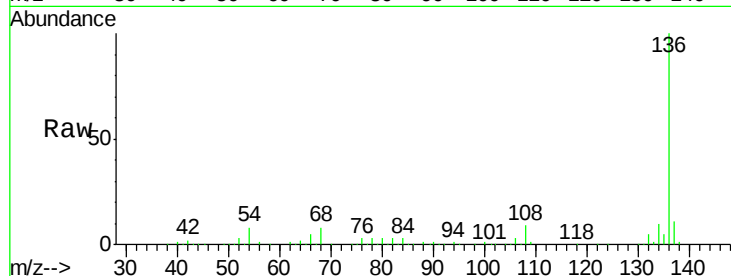




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.49 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BG016236.D
Acq: 6 Apr 2015 22:34

Instrument :
BNA_G
ClientSampleId :
LS-SW01MS

Tgt Ion:	136	Resp:	344341
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	7.9	6.3	9.5
68	7.8	6.5	9.7



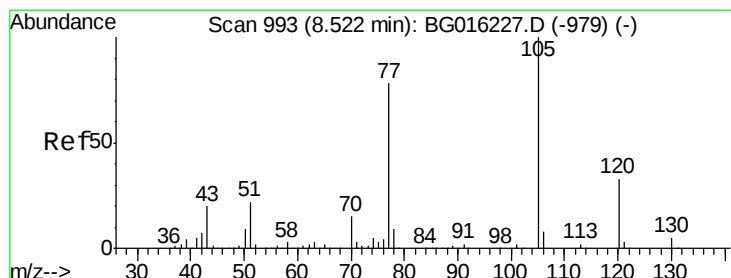
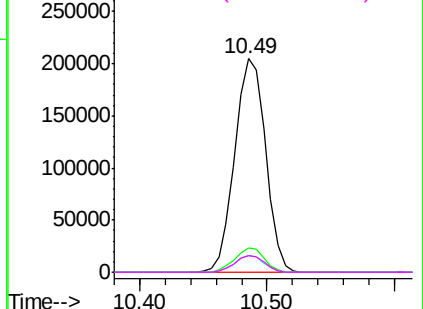
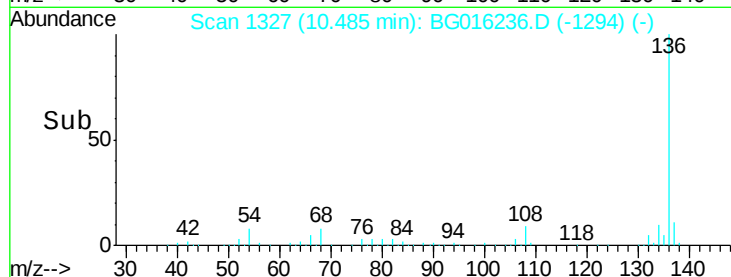
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

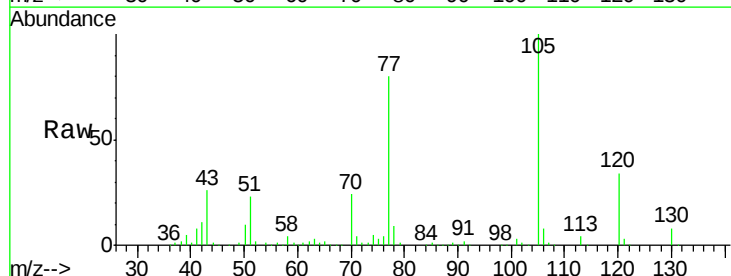
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 39.81 ng
RT: 8.52 min Scan# 992
Delta R.T. -0.00 min
Lab File: BG016236.D
Acq: 6 Apr 2015 22:34

Tgt Ion:	105	Resp:	317884
Ion	Ratio	Lower	Upper
105	100		
71	4.0	2.0	3.0#
51	23.3	17.9	26.9
120	33.8	26.3	39.5



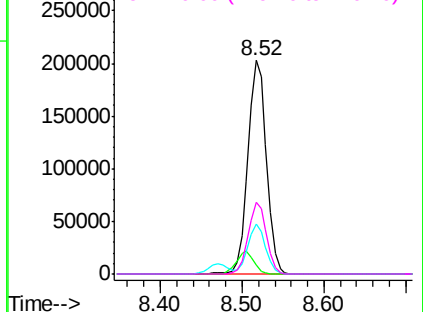
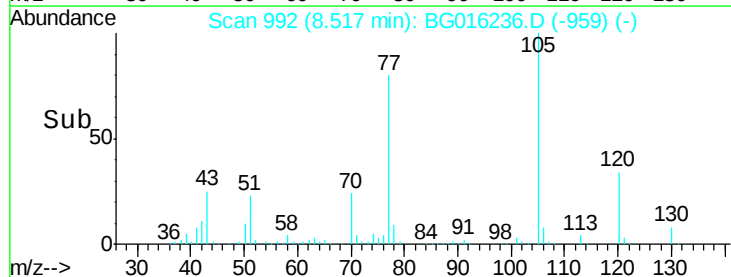
Abundance

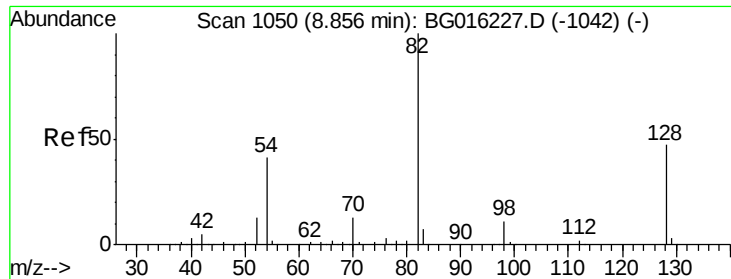
Ion 105.00 (104.70 to 105.70): E

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

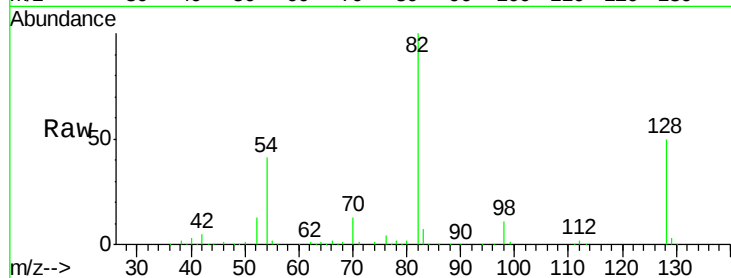




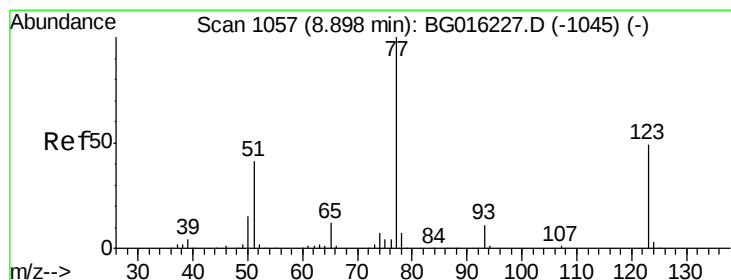
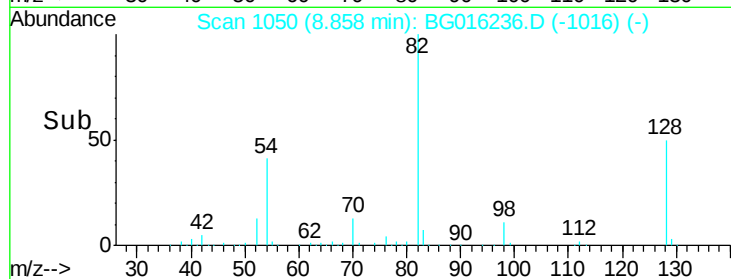
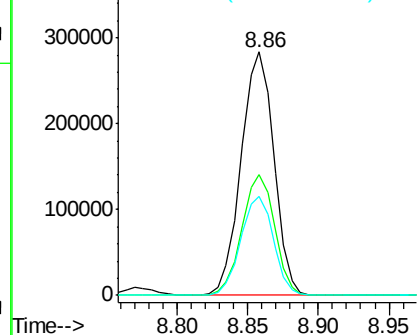
#23
 Nitrobenzene-d5
 Concen: 77.74 ng
 RT: 8.86 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BG016236.D
 Acq: 6 Apr 2015 22:34

Instrument :
 BNA_G
 ClientSampleId :
 LS-SW01MS

Tgt Ion: 82 Resp: 462083
 Ion Ratio Lower Upper
 82 100
 128 49.7 37.8 56.8
 54 40.5 32.6 49.0

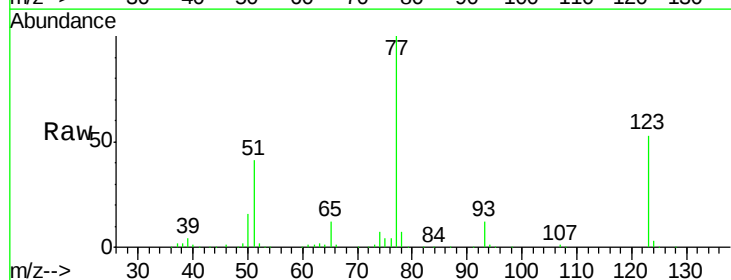


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

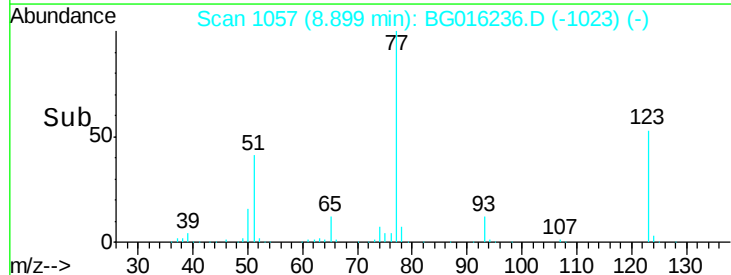
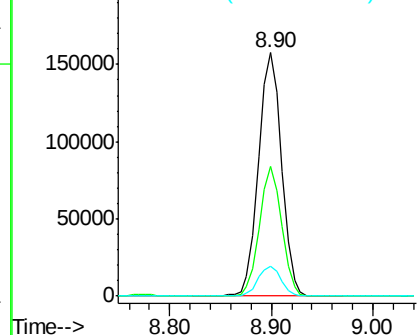


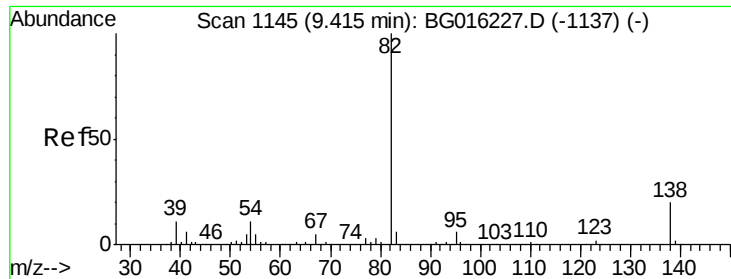
#24
 Nitrobenzene
 Concen: 39.13 ng
 RT: 8.90 min Scan# 1057
 Delta R.T. 0.00 min
 Lab File: BG016236.D
 Acq: 6 Apr 2015 22:34

Tgt Ion: 77 Resp: 248701
 Ion Ratio Lower Upper
 77 100
 123 53.3 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: 39.30 ng

RT: 9.42 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

Instrument :

BNA_G

ClientSampleId :

LS-SW01MS

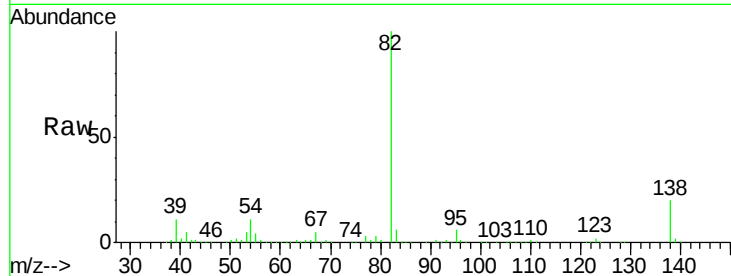
Tgt Ion: 82 Resp: 518701

Ion Ratio Lower Upper

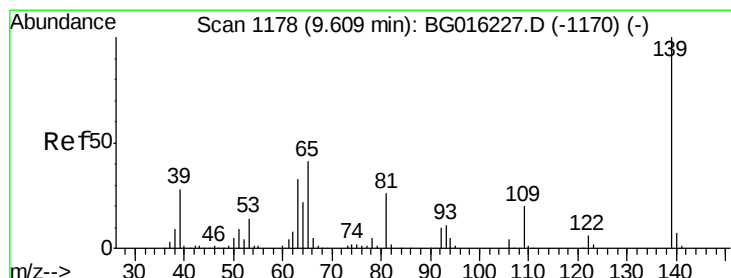
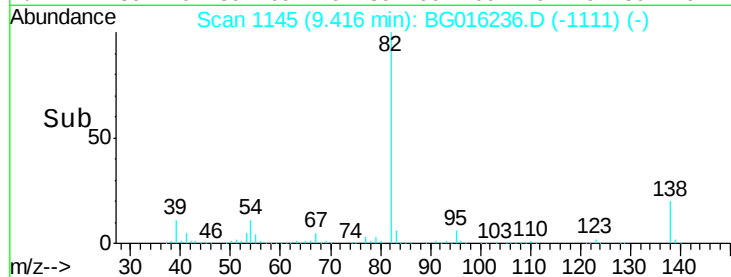
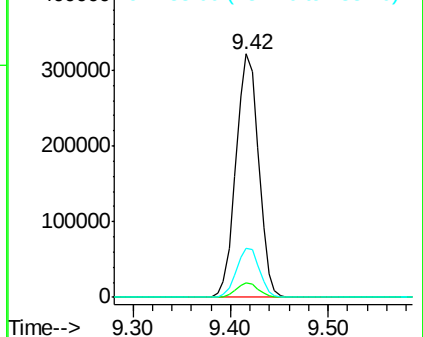
82 100

95 5.9 5.0 7.6

138 20.1 16.2 24.2



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



#26

2-Nitrophenol

Concen: 41.14 ng

RT: 9.60 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

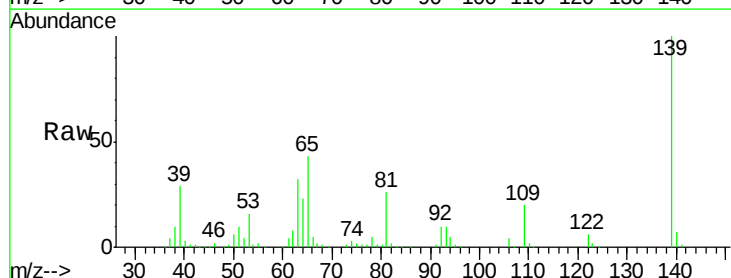
Tgt Ion: 139 Resp: 121950

Ion Ratio Lower Upper

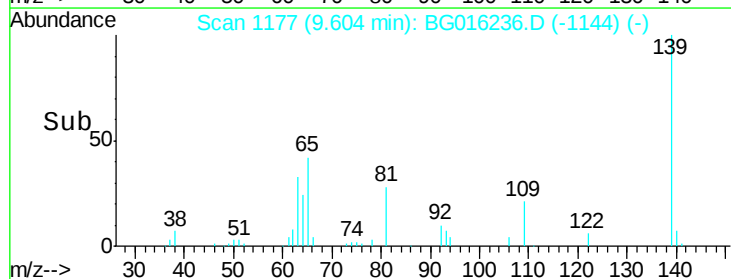
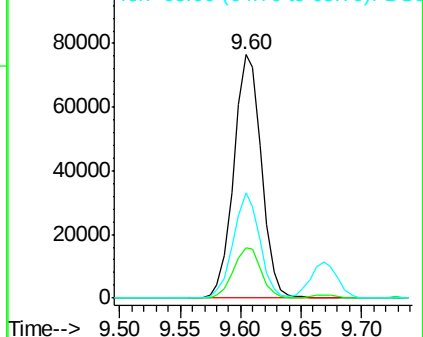
139 100

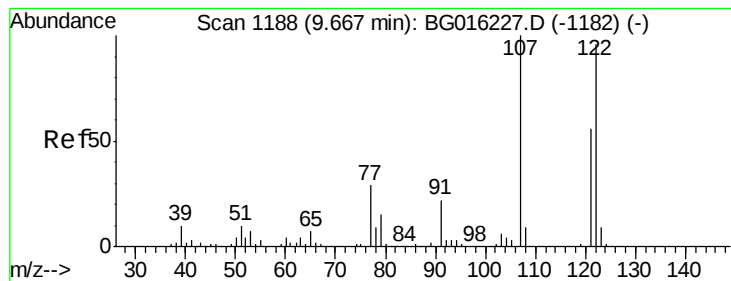
109 20.4 15.9 23.9

65 43.3 32.9 49.3



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





#27

2,4-Dimethylphenol

Concen: 39.49 ng

RT: 9.67 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

Instrument :

BNA_G

ClientSampleId :

LS-SW01MS

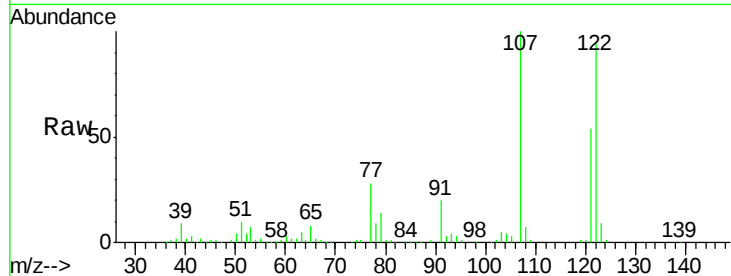
Tgt Ion:122 Resp: 218014

Ion Ratio Lower Upper

122 100

107 105.2 83.4 125.2

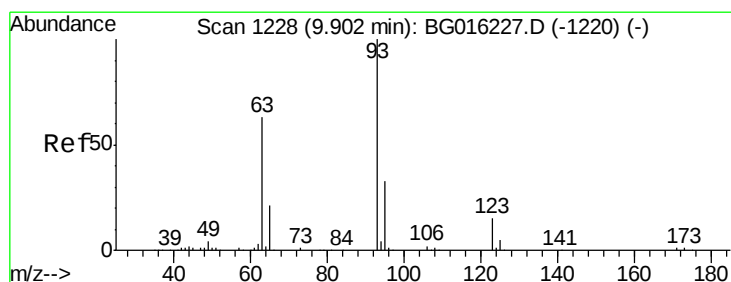
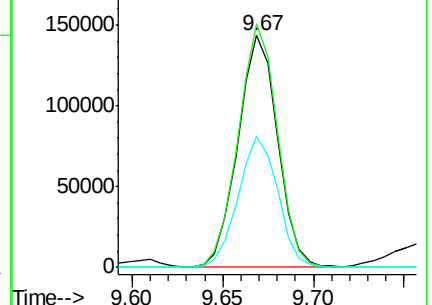
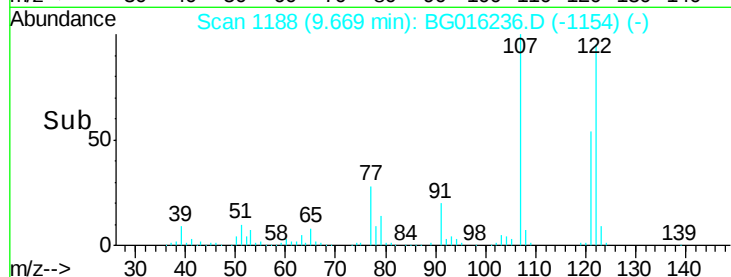
121 56.3 46.2 69.4



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: 40.72 ng

RT: 9.90 min Scan# 1228

Delta R.T. 0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

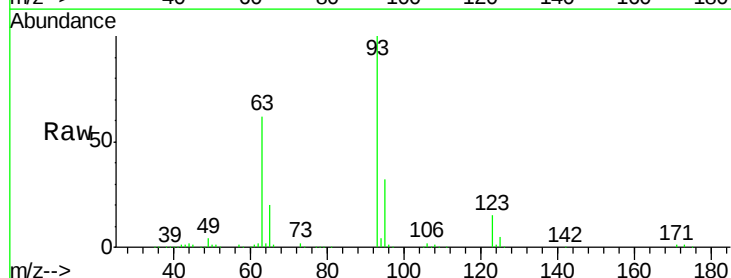
Tgt Ion: 93 Resp: 306793

Ion Ratio Lower Upper

93 100

95 32.5 26.1 39.1

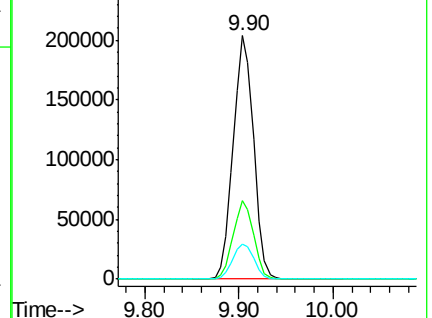
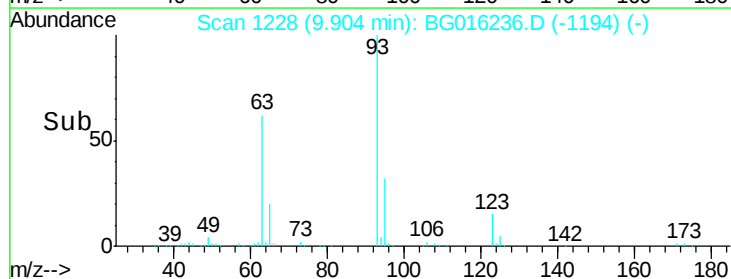
123 14.5 11.8 17.8

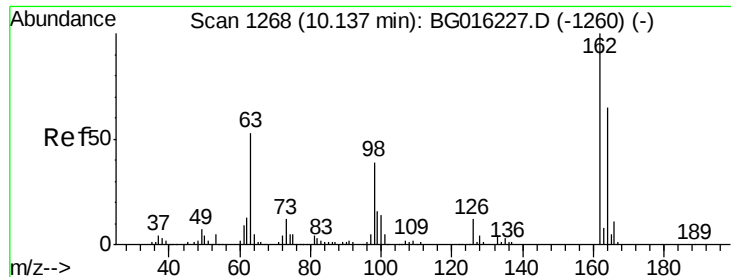


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

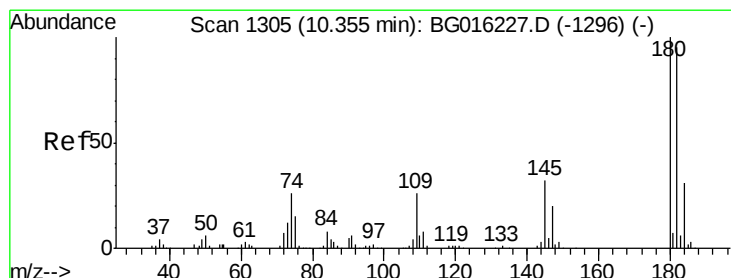
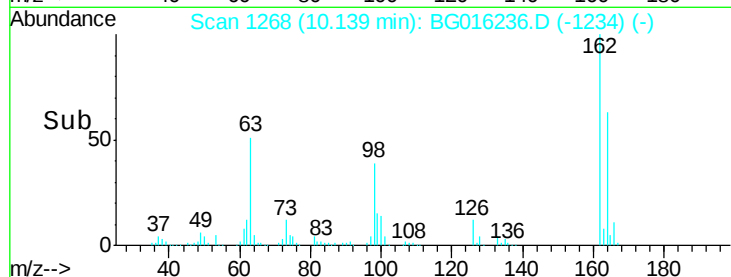
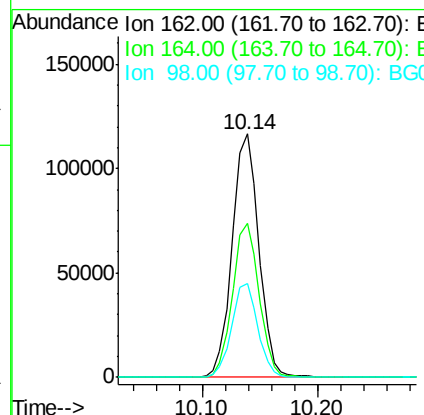
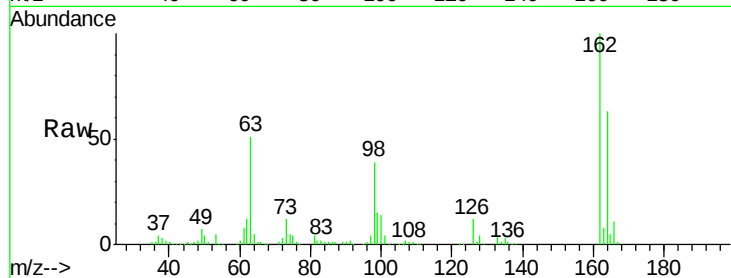




#29
2,4-Dichlorophenol
Concen: 42.75 ng
RT: 10.14 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BG016236.D
Acq: 6 Apr 2015 22:34

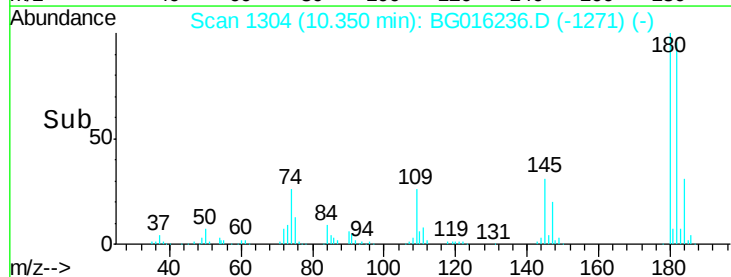
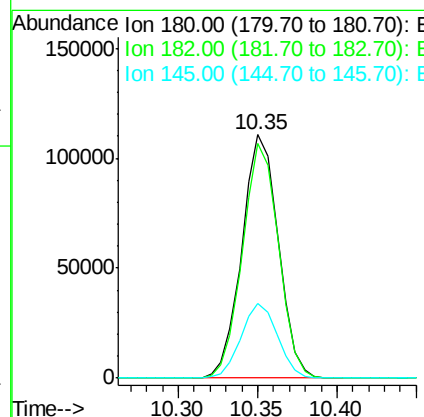
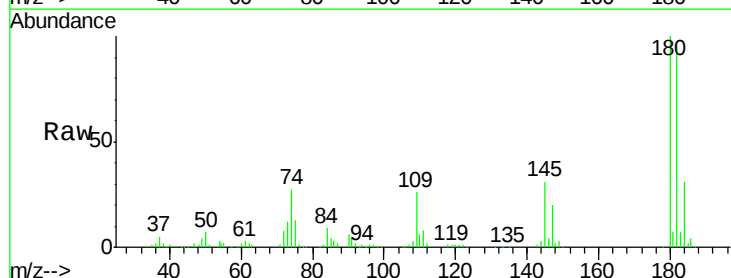
Instrument :
BNA_G
ClientSampleId :
LS-SW01MS

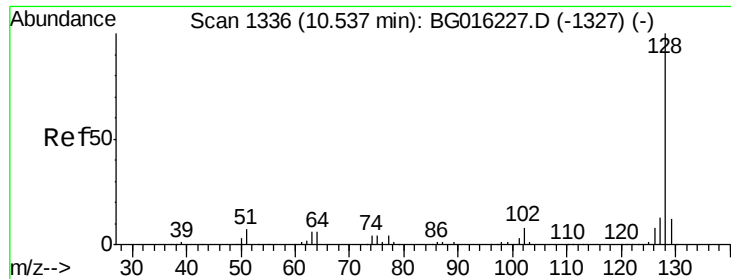
Tgt Ion:162 Resp: 186748
Ion Ratio Lower Upper
162 100
164 63.0 45.0 85.0
98 38.6 19.1 59.1



#30
1,2,4-Trichlorobenzene
Concen: 38.67 ng
RT: 10.35 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BG016236.D
Acq: 6 Apr 2015 22:34

Tgt Ion:180 Resp: 176357
Ion Ratio Lower Upper
180 100
182 96.4 76.3 114.5
145 30.7 25.2 37.8

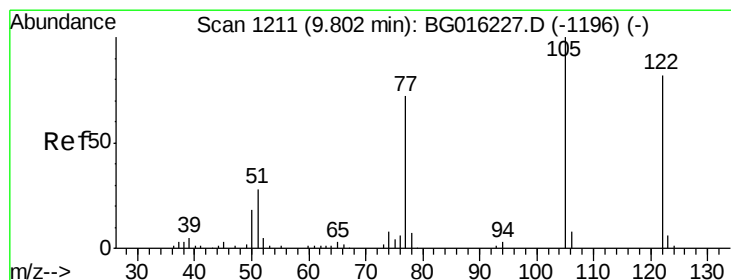
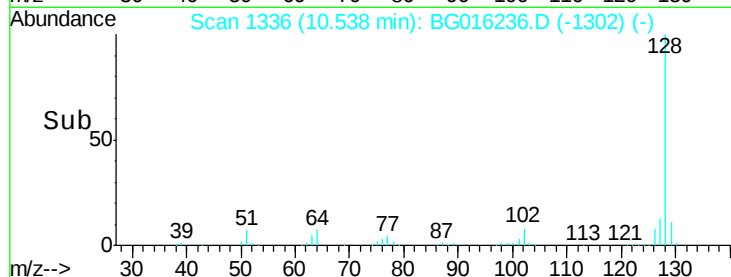
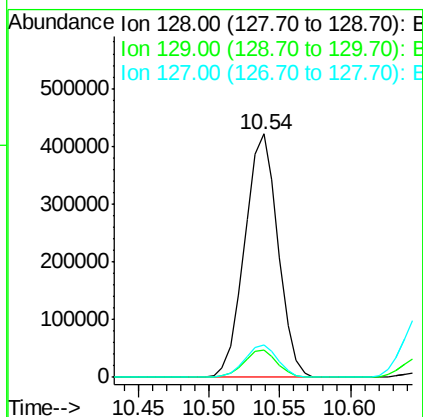
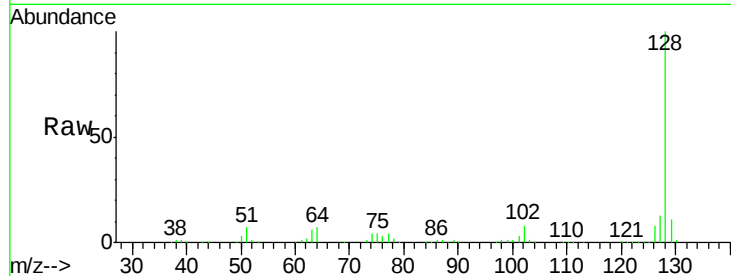




#31
Naphthalene
Concen: 38.74 ng
RT: 10.54 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BG016236.D
Acq: 6 Apr 2015 22:34

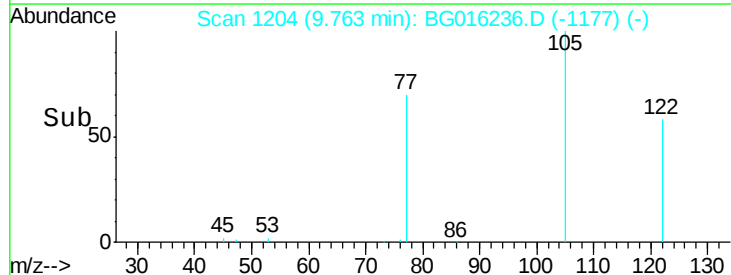
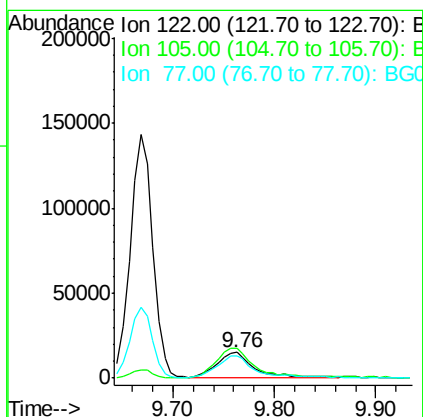
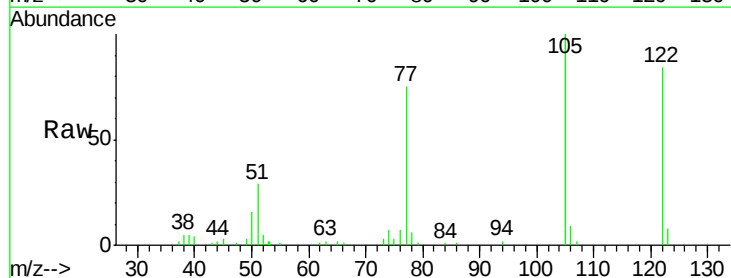
Instrument :
BNA_G
ClientSampleId :
LS-SW01MS

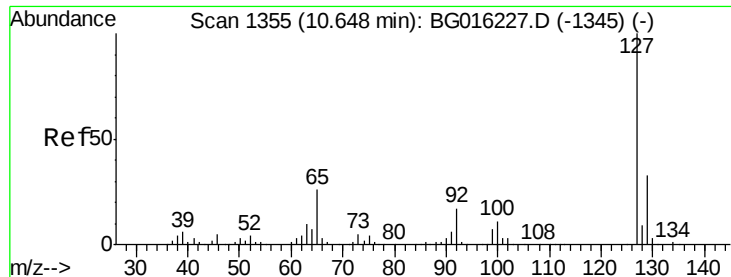
Tgt Ion:128 Resp: 695178
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 16.82 ng
RT: 9.76 min Scan# 1204
Delta R.T. -0.04 min
Lab File: BG016236.D
Acq: 6 Apr 2015 22:34

Tgt Ion:122 Resp: 35597
Ion Ratio Lower Upper
122 100
105 118.9 99.7 139.7
77 88.8 66.8 106.8

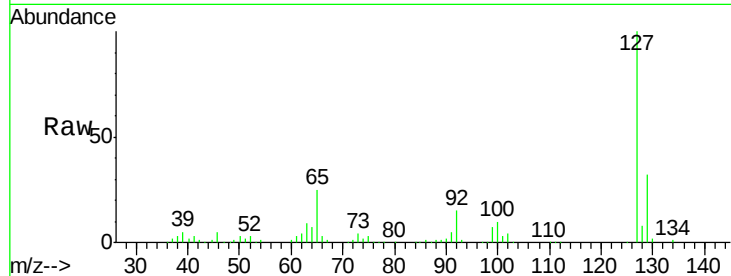




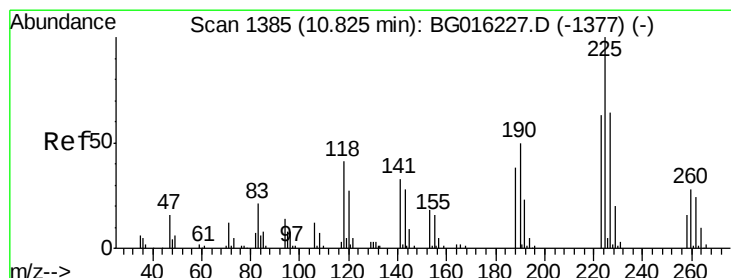
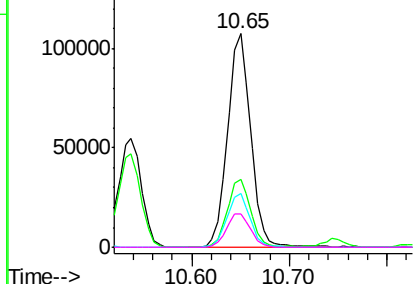
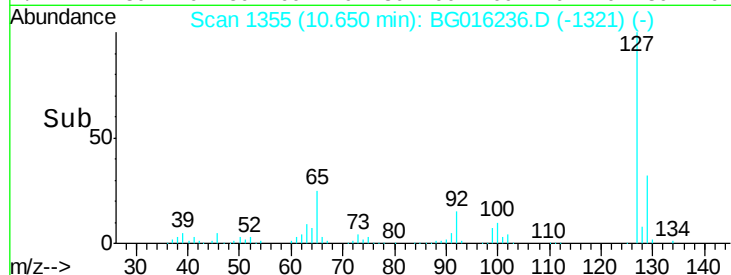
#33
4-Chloroaniline
Concen: 21.08 ng
RT: 10.65 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG016236.D
Acq: 6 Apr 2015 22:34

Instrument :
BNA_G
ClientSampled :
LS-SW01MS

Tgt Ion:127 Resp: 177504
Ion Ratio Lower Upper
127 100
129 31.7 26.1 39.1
65 25.3 21.2 31.8
92 15.5 13.8 20.6

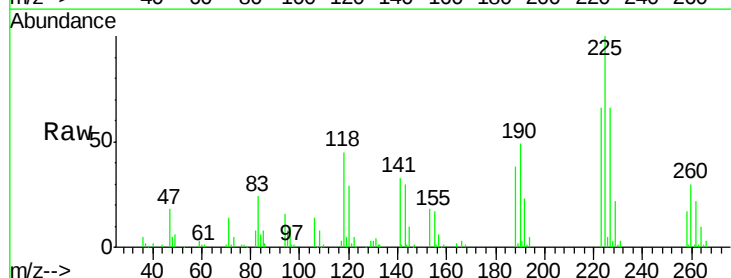


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

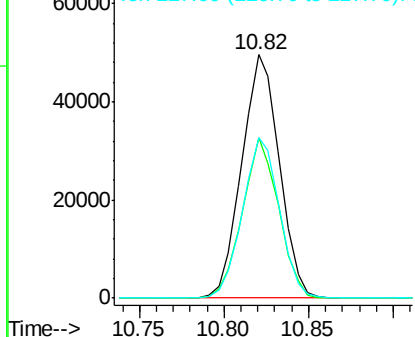
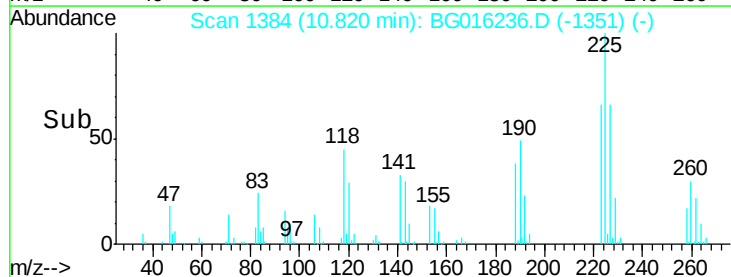


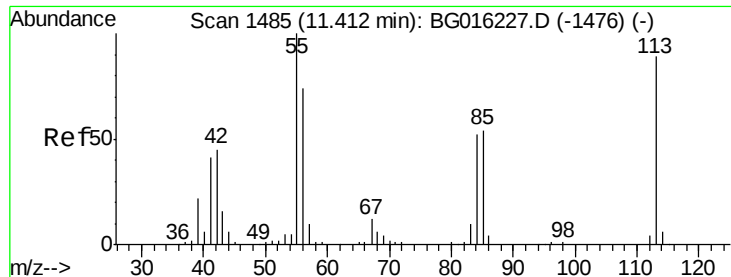
#34
Hexachlorobutadiene
Concen: 38.32 ng
RT: 10.82 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BG016236.D
Acq: 6 Apr 2015 22:34

Tgt Ion:225 Resp: 76785
Ion Ratio Lower Upper
225 100
223 65.8 50.4 75.6
227 66.1 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

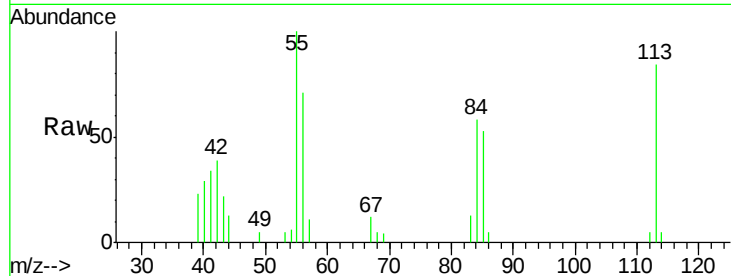




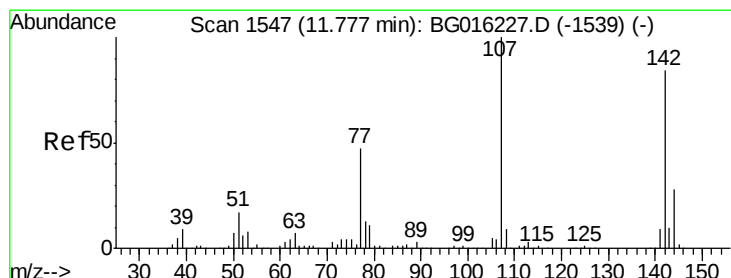
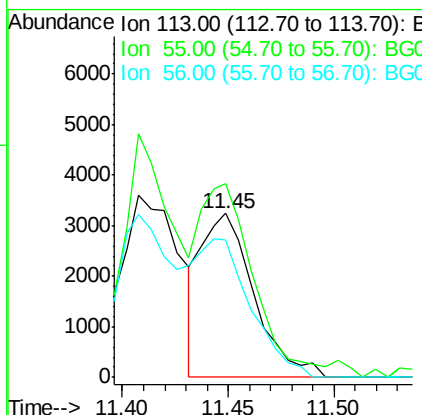
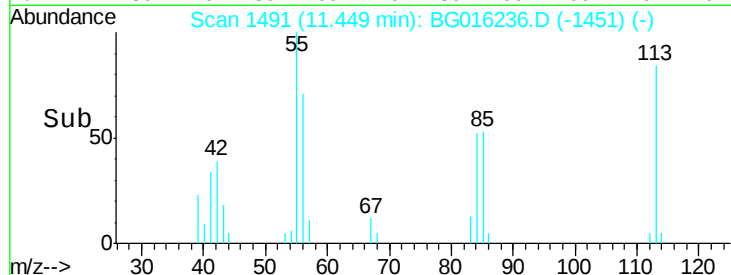
#35
 Caprolactam
 Concen: 2.03 ng
 RT: 11.45 min Scan# 1491
 Delta R.T. 0.04 min
 Lab File: BG016236.D
 Acq: 6 Apr 2015 22:34

Instrument :
 BNA_G
 ClientSampleId :
 LS-SW01MS

Tgt Ion: 113 Resp: 5592
 Ion Ratio Lower Upper
 113 100
 55 118.5 92.4 132.4
 56 83.8 63.2 103.2

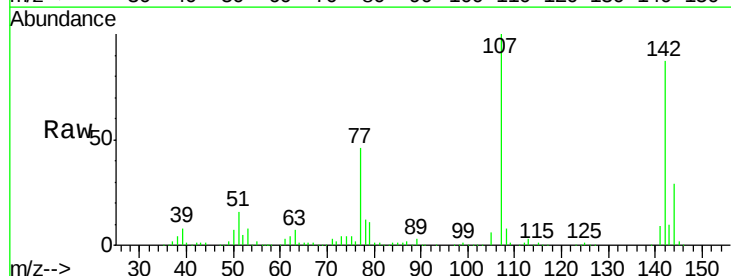


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BGO
 Ion 56.00 (55.70 to 56.70): BGO

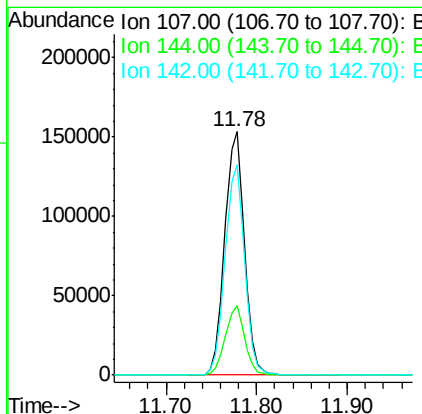
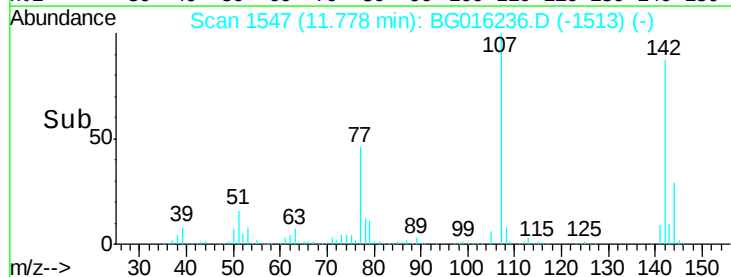


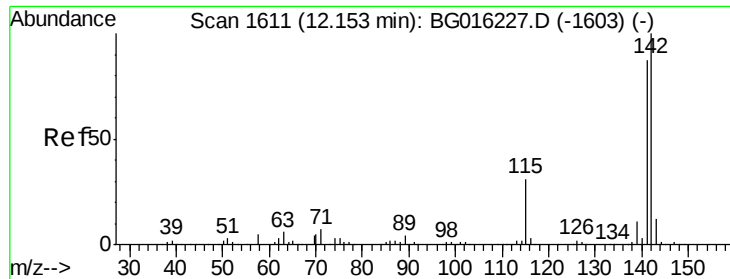
#36
 4-Chloro-3-methylphenol
 Concen: 40.11 ng
 RT: 11.78 min Scan# 1547
 Delta R.T. 0.00 min
 Lab File: BG016236.D
 Acq: 6 Apr 2015 22:34

Tgt Ion: 107 Resp: 231473
 Ion Ratio Lower Upper
 107 100
 144 28.6 22.0 33.0
 142 86.6 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

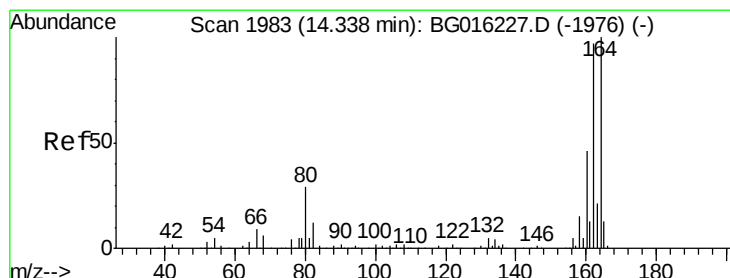
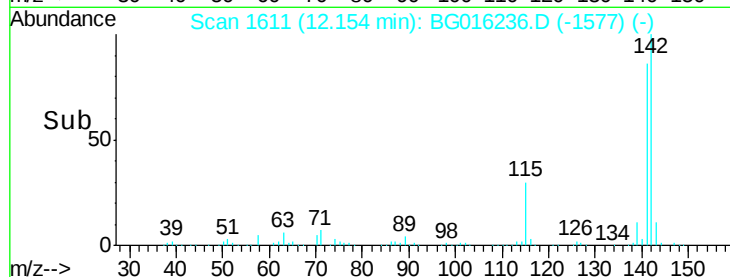
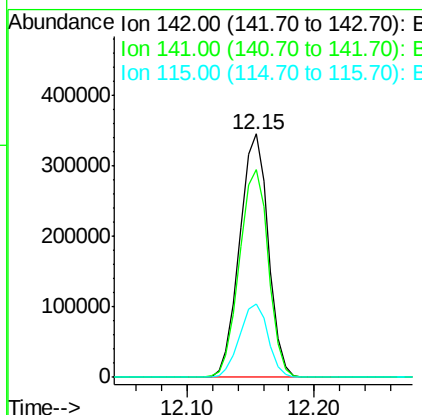
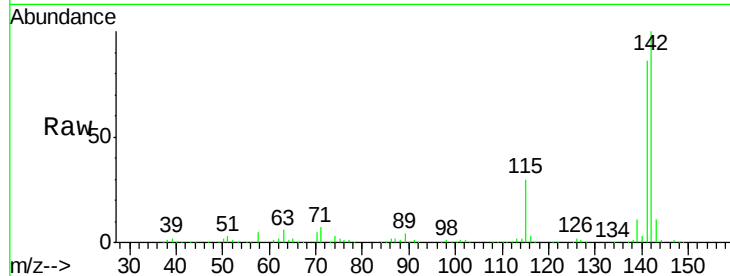




#37
2-Methylnaphthalene
Concen: 41.73 ng
RT: 12.15 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BG016236.D
Acq: 6 Apr 2015 22:34

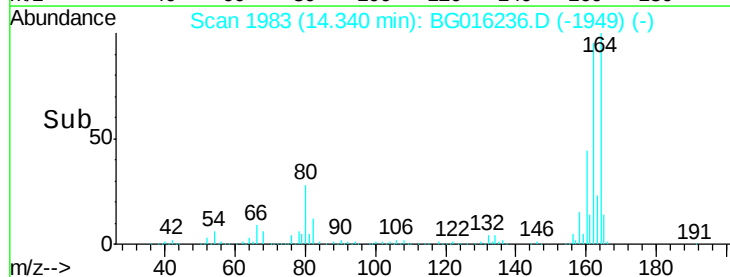
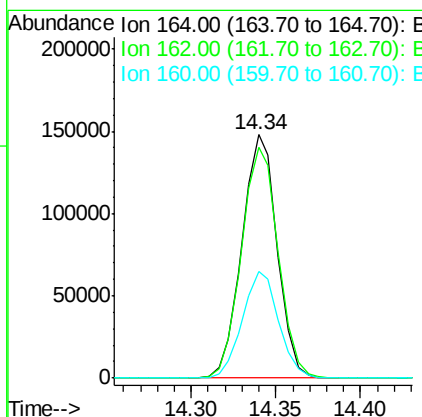
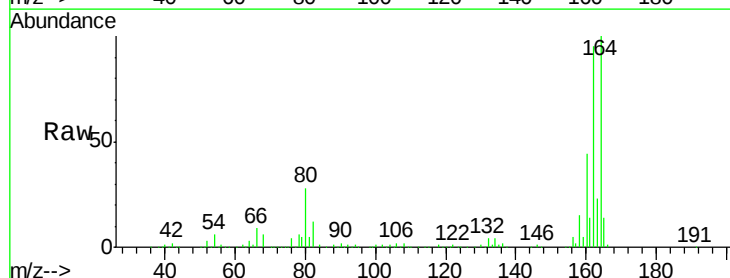
Instrument :
BNA_G
ClientSampleId :
LS-SW01MS

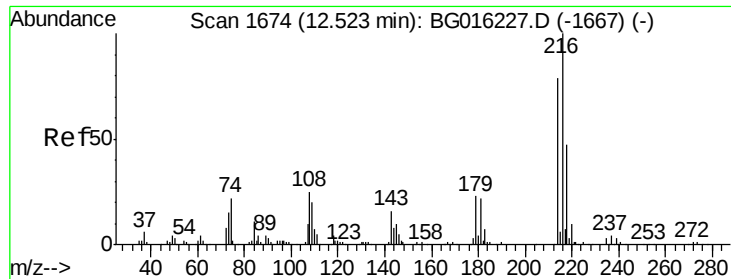
Tgt Ion:142 Resp: 538650
Ion Ratio Lower Upper
142 100
141 85.5 69.3 103.9
115 30.0 25.0 37.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.34 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG016236.D
Acq: 6 Apr 2015 22:34

Tgt Ion:164 Resp: 213751
Ion Ratio Lower Upper
164 100
162 94.7 77.3 115.9
160 44.1 36.7 55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.18 ng

RT: 12.52 min Scan# 1674

Delta R.T. 0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

Instrument :

BNA_G

ClientSampleId :

LS-SW01MS

Tgt Ion:216 Resp: 184402

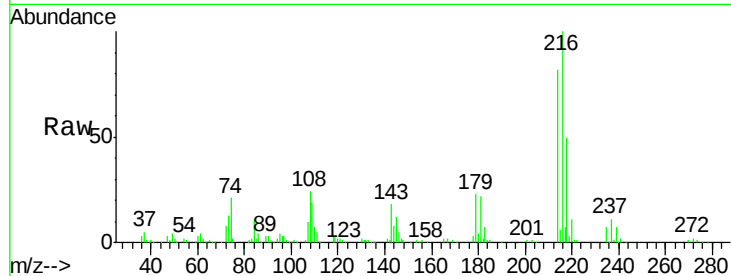
Ion Ratio Lower Upper

216 100

214 80.1 63.4 95.0

179 23.0 18.2 27.2

108 27.2 21.2 31.8

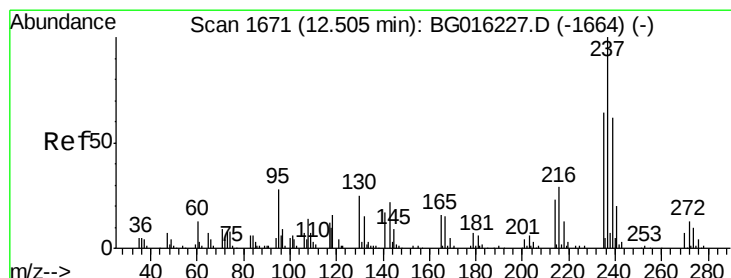
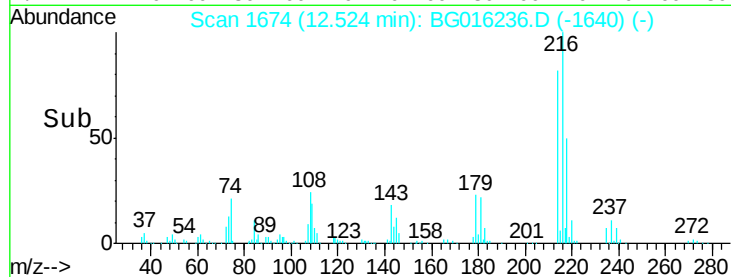
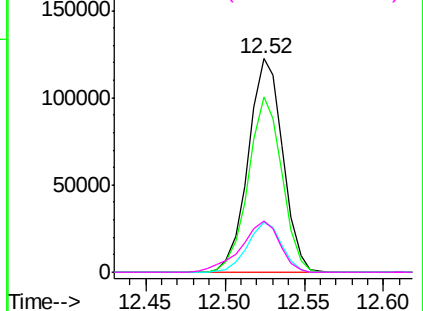


Abundance Ion 216.00 (215.70 to 216.70): E

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: 80.37 ng

RT: 12.51 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

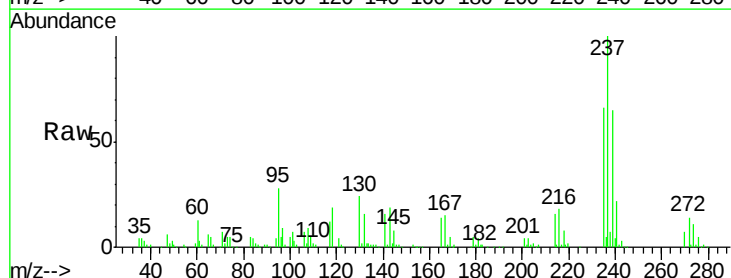
Tgt Ion:237 Resp: 173121

Ion Ratio Lower Upper

237 100

235 65.6 43.9 83.9

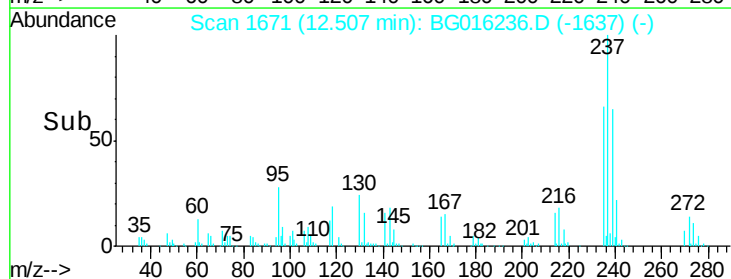
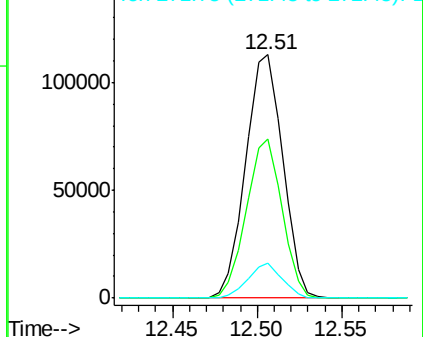
272 14.3 0.0 33.1

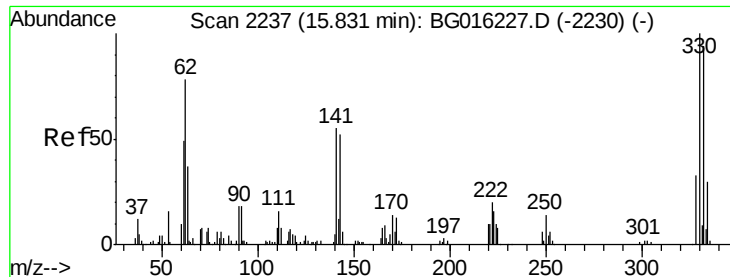


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 135.68 ng

RT: 15.83 min Scan# 2237

Delta R.T. 0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

Instrument :

BNA_G

ClientSampleId :

LS-SW01MS

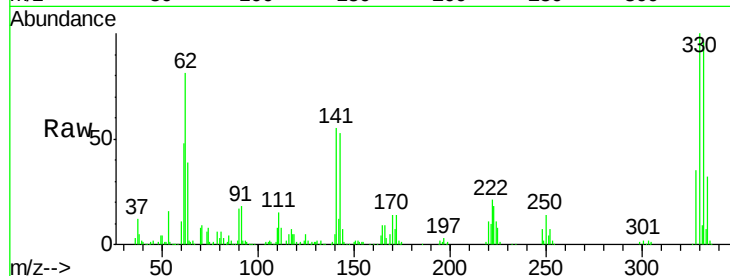
Tgt Ion:330 Resp: 196141

Ion Ratio Lower Upper

330 100

332 96.5 75.8 113.6

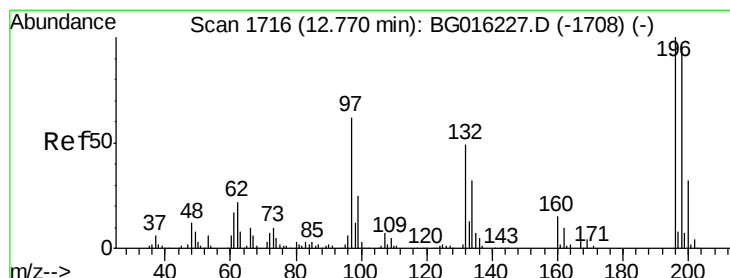
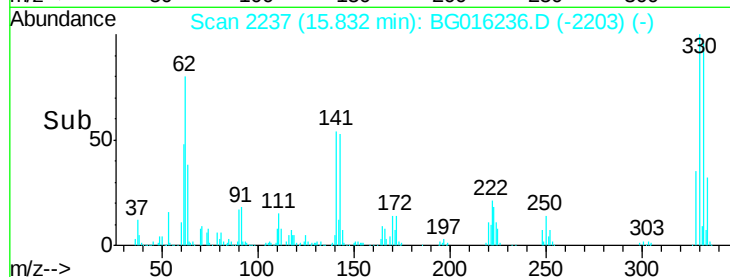
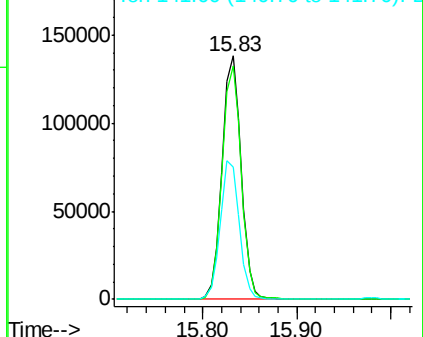
141 56.8 46.6 69.8



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 41.59 ng

RT: 12.77 min Scan# 1715

Delta R.T. -0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

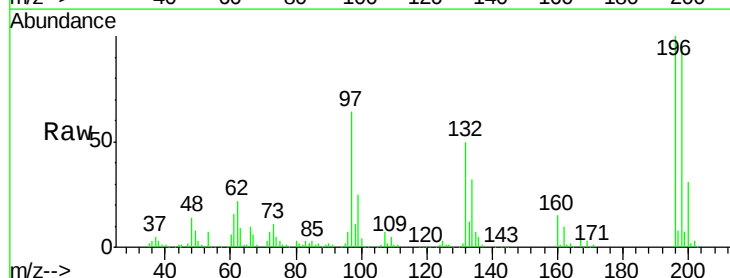
Tgt Ion:196 Resp: 145459

Ion Ratio Lower Upper

196 100

198 96.0 77.2 115.8

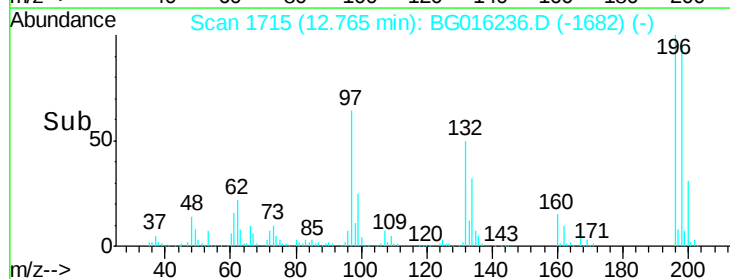
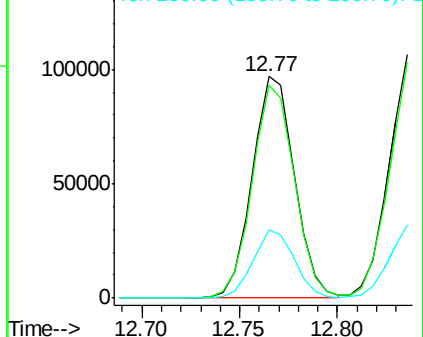
200 30.8 25.3 37.9

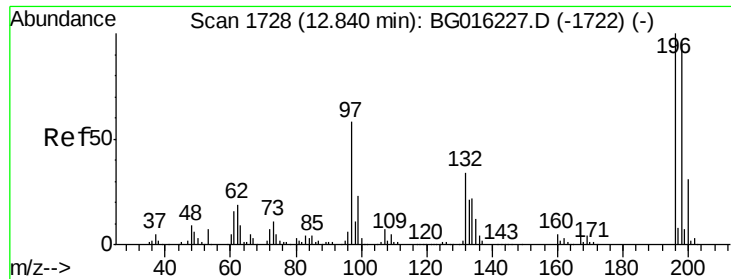


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

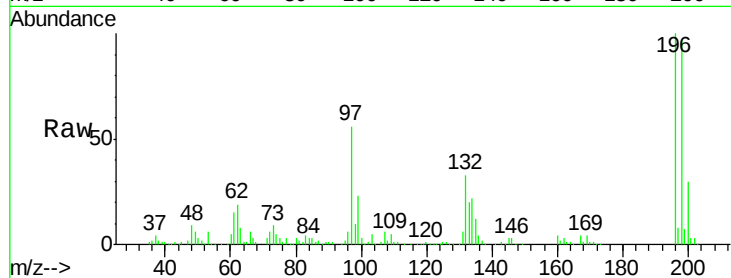




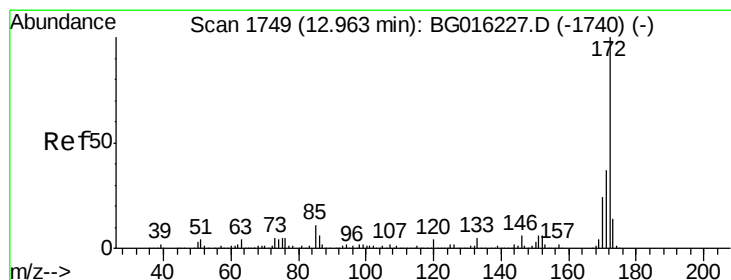
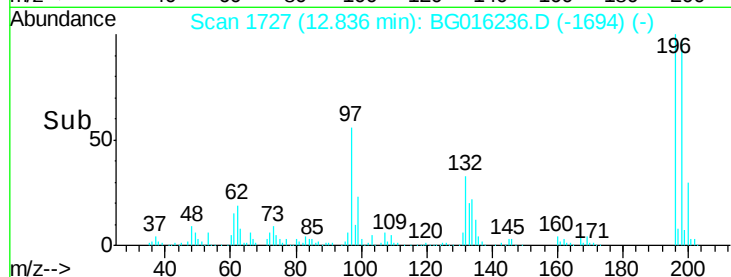
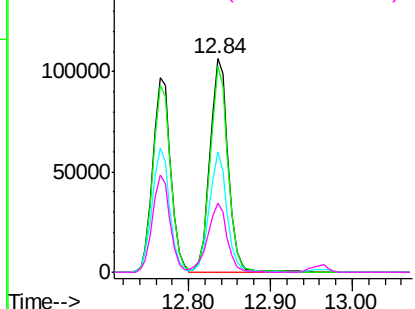
#43
 2,4,5-Trichlorophenol
 Concen: 43.96 ng
 RT: 12.84 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: BG016236.D
 Acq: 6 Apr 2015 22:34

Instrument :
 BNA_G
 ClientSampleId :
 LS-SW01MS

Tgt Ion:196 Resp: 164261
 Ion Ratio Lower Upper
 196 100
 198 96.7 77.1 115.7
 97 56.2 46.6 69.8
 132 32.6 27.0 40.6

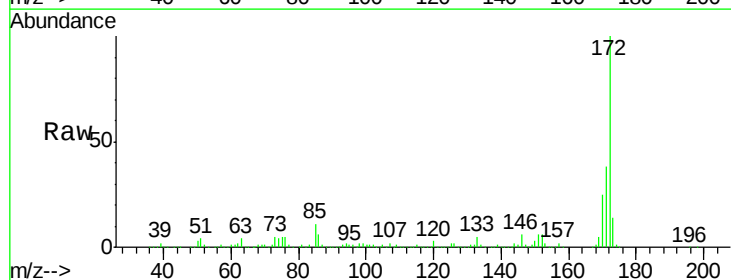


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

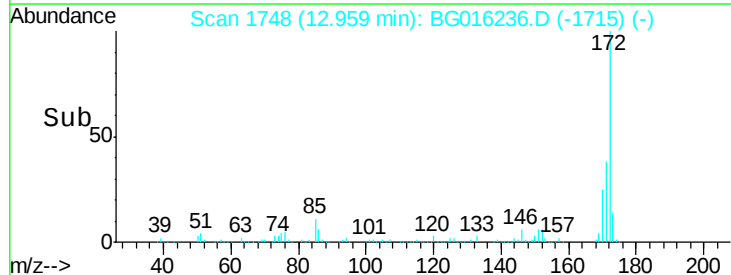
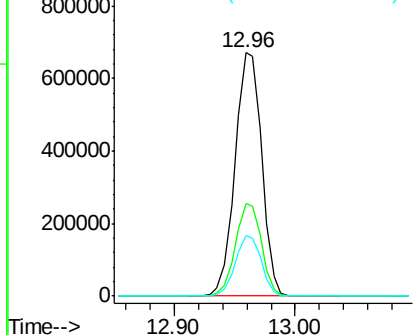


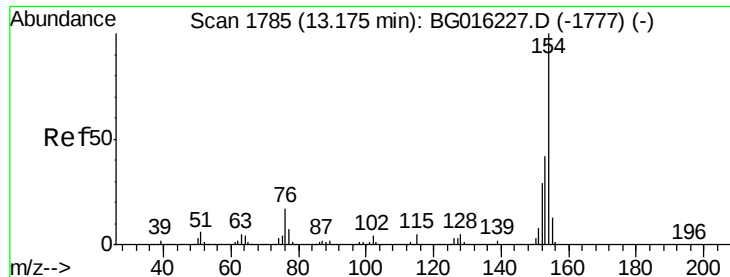
#44
 2-Fluorobiphenyl
 Concen: 82.11 ng
 RT: 12.96 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BG016236.D
 Acq: 6 Apr 2015 22:34

Tgt Ion:172 Resp: 1030793
 Ion Ratio Lower Upper
 172 100
 171 37.9 29.6 44.4
 170 24.7 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

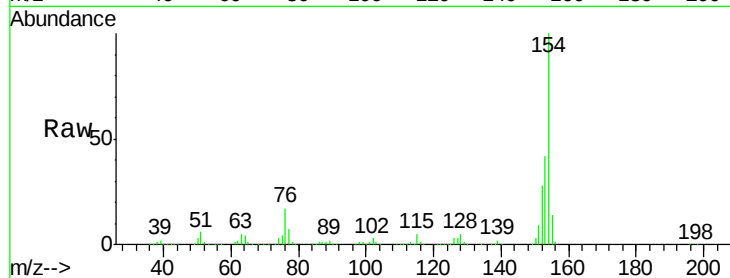




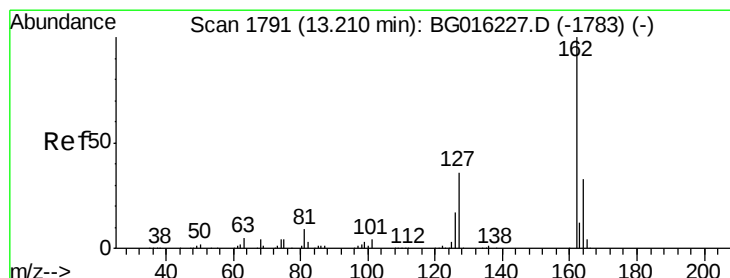
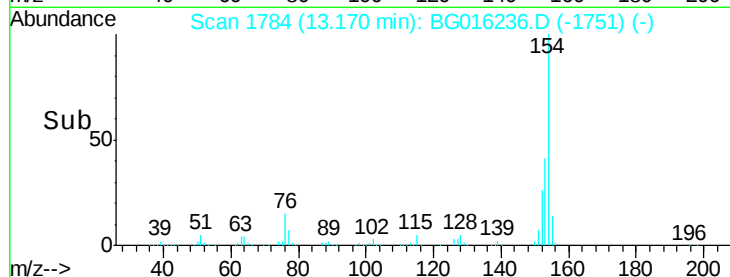
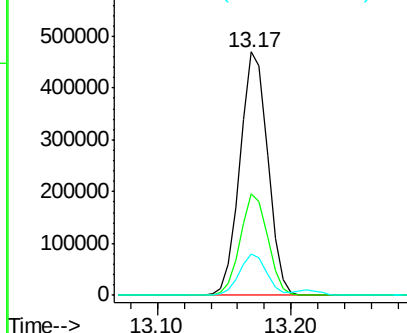
#45
 1,1'-Biphenyl
 Concen: 41.13 ng
 RT: 13.17 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: BG016236.D
 Acq: 6 Apr 2015 22:34

Instrument :
 BNA_G
 ClientSampleId :
 LS-SW01MS

Tgt Ion:154 Resp: 674376
 Ion Ratio Lower Upper
 154 100
 153 41.5 22.4 62.4
 76 16.8 0.0 37.1

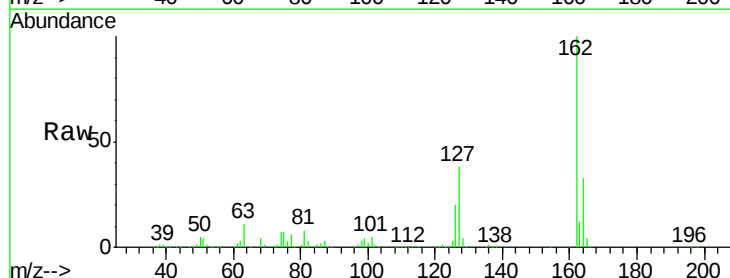


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

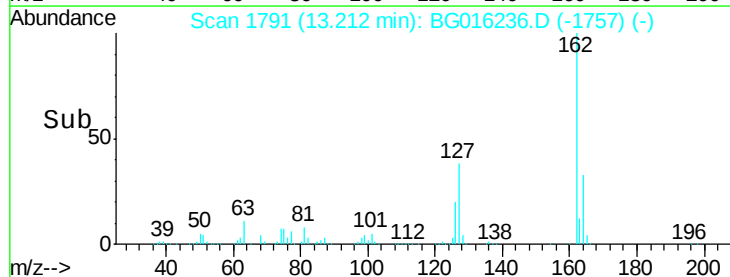
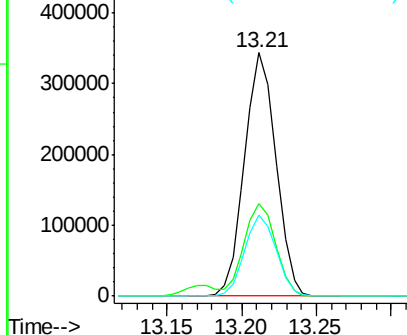


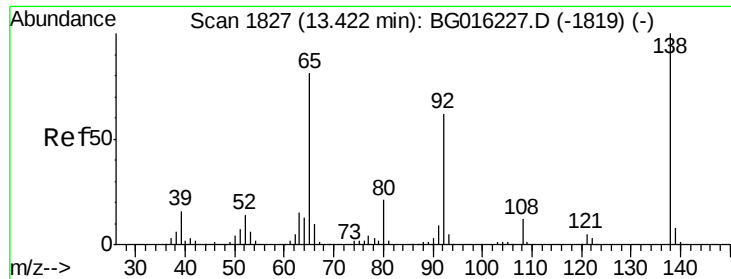
#46
 2-Chloronaphthalene
 Concen: 40.17 ng
 RT: 13.21 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BG016236.D
 Acq: 6 Apr 2015 22:34

Tgt Ion:162 Resp: 501720
 Ion Ratio Lower Upper
 162 100
 127 37.9 30.8 46.2
 164 33.2 26.6 40.0



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

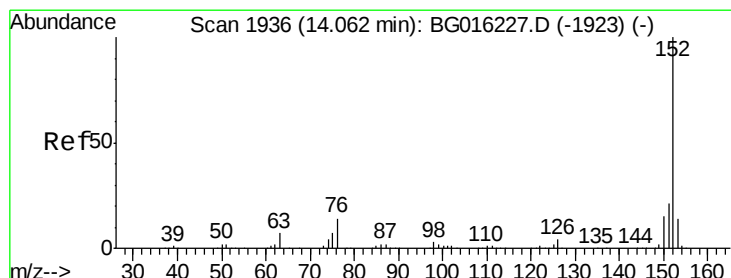
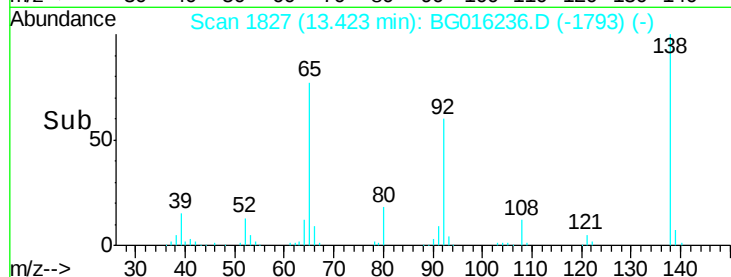
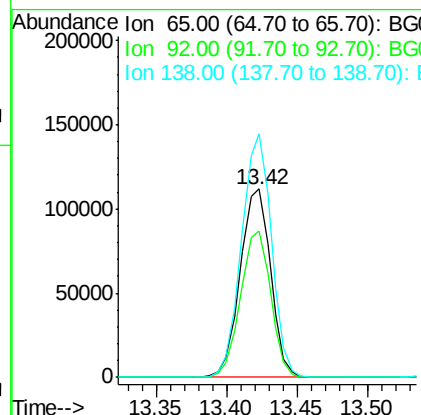
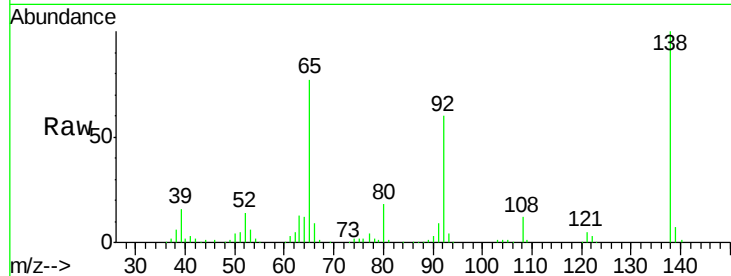




#47
 2-Nitroaniline
 Concen: 41.89 ng
 RT: 13.42 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BG016236.D
 Acq: 6 Apr 2015 22:34

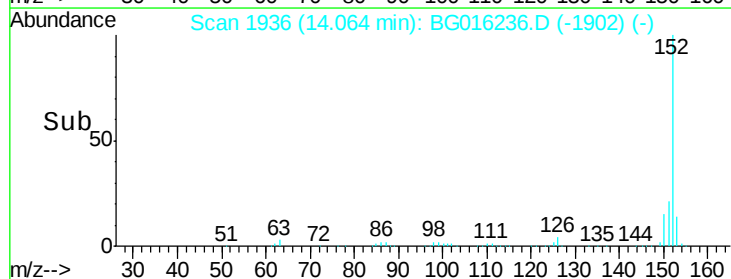
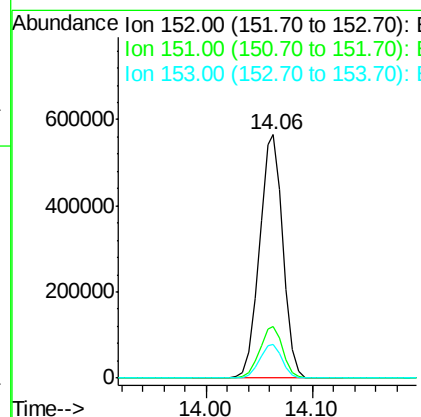
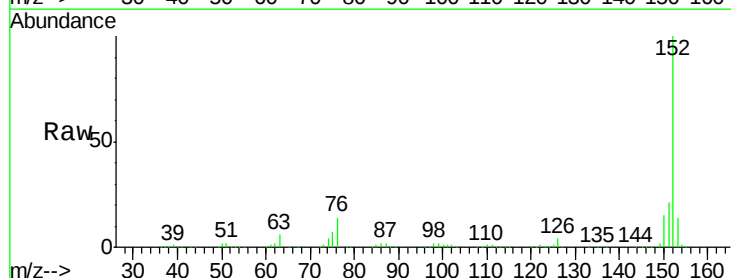
Instrument :
 BNA_G
 ClientSampleId :
 LS-SW01MS

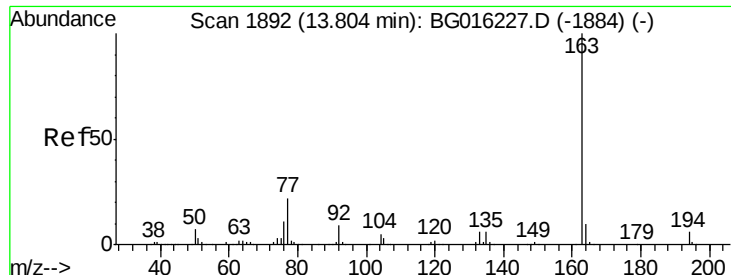
Tgt Ion:	65	Resp:	168646
Ion	Ratio	Lower	Upper
65	100		
92	77.8	61.0	91.6
138	129.5	98.7	148.1



#48
 Acenaphthylene
 Concen: 39.16 ng
 RT: 14.06 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: BG016236.D
 Acq: 6 Apr 2015 22:34

Tgt Ion:	152	Resp:	869743
Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.5	24.7
153	14.0	11.1	16.7





#49

Dimethylphthalate

Concen: 42.11 ng

RT: 13.81 min Scan# 1892

Delta R.T. 0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

Instrument :

BNA_G

ClientSampleId :

LS-SW01MS

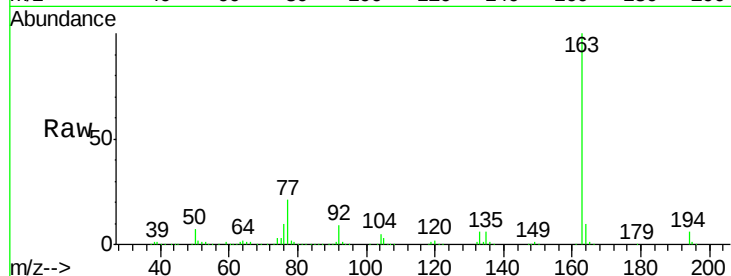
Tgt Ion:163 Resp: 659616

Ion Ratio Lower Upper

163 100

194 6.3 5.0 7.4

164 10.2 8.2 12.4

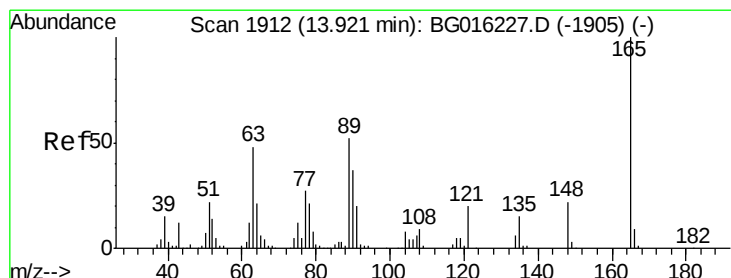
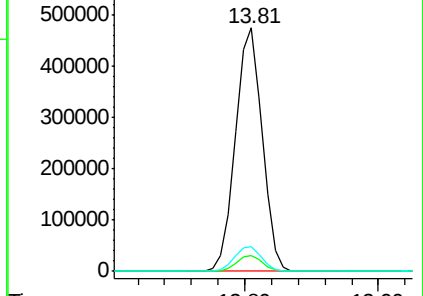
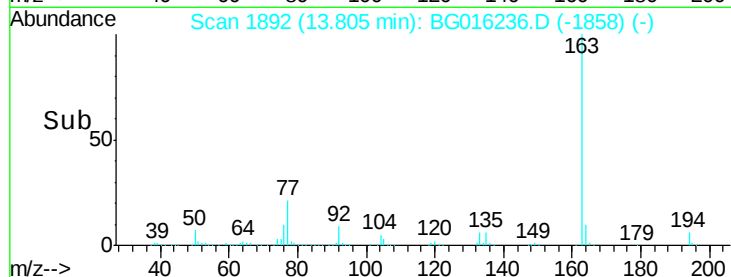


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

13.81



#50

2,6-Dinitrotoluene

Concen: 43.34 ng

RT: 13.92 min Scan# 1912

Delta R.T. 0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

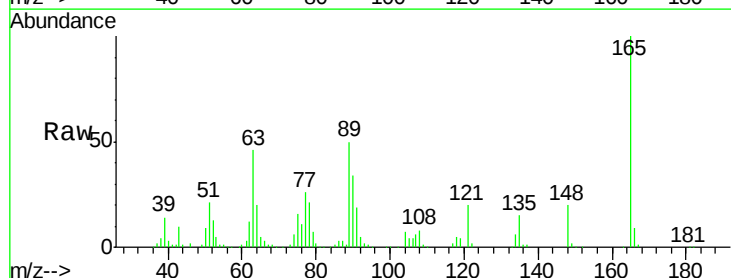
Tgt Ion:165 Resp: 164221

Ion Ratio Lower Upper

165 100

63 45.7 39.3 58.9

89 50.5 41.3 61.9

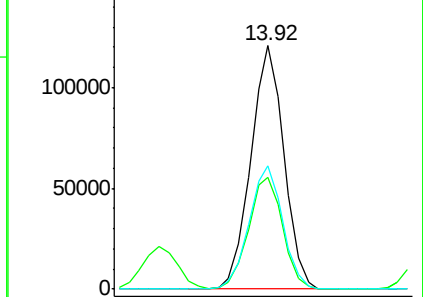
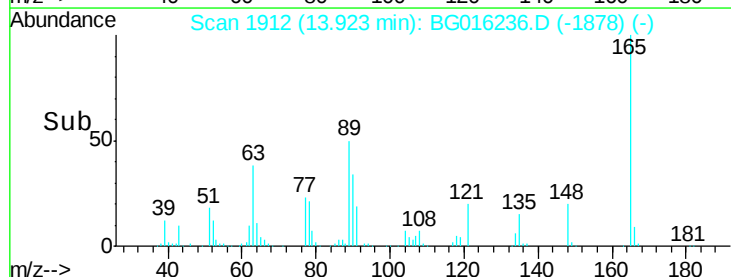


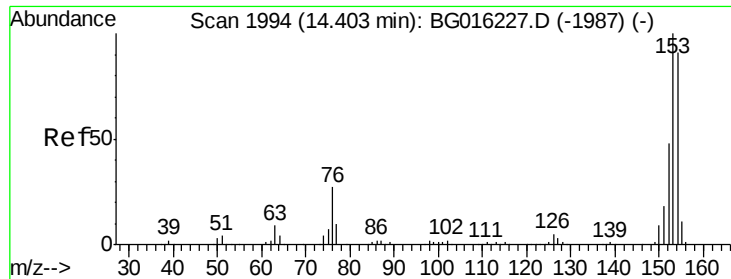
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0

13.92





#51

Acenaphthene

Concen: 40.97 ng

RT: 14.40 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

Instrument :

BNA_G

ClientSampleId :

LS-SW01MS

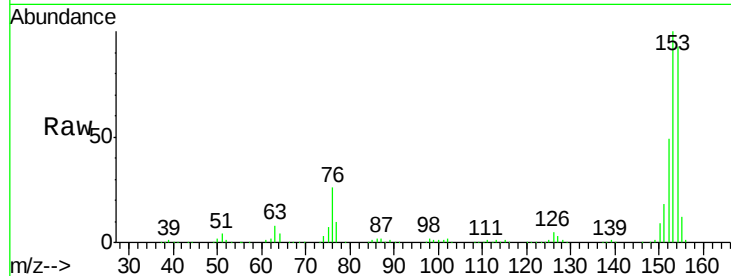
Tgt Ion:154 Resp: 543711

Ion Ratio Lower Upper

154 100

153 107.5 87.5 131.3

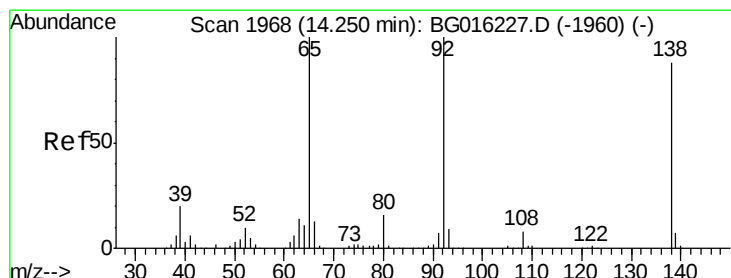
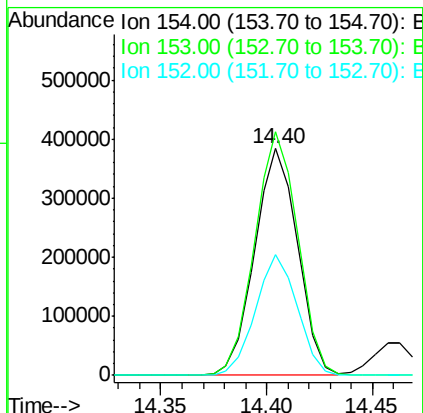
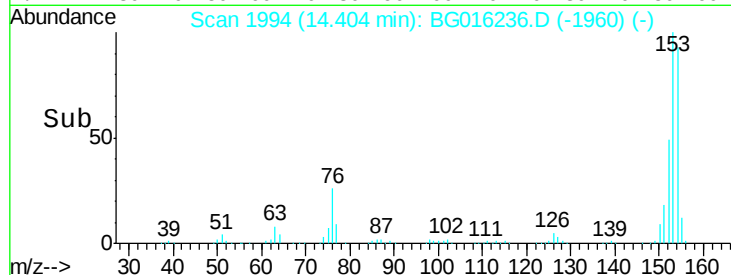
152 53.1 42.1 63.1



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: 25.64 ng

RT: 14.25 min Scan# 1968

Delta R.T. 0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

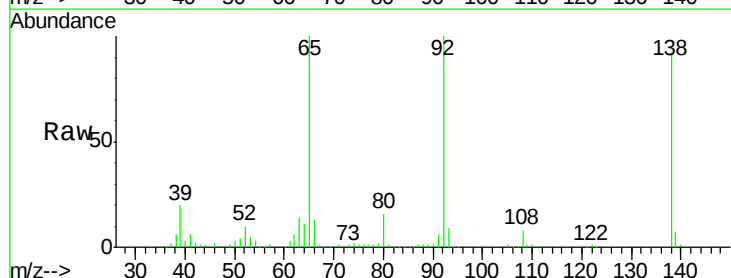
Tgt Ion:138 Resp: 124036

Ion Ratio Lower Upper

138 100

108 8.7 7.4 11.0

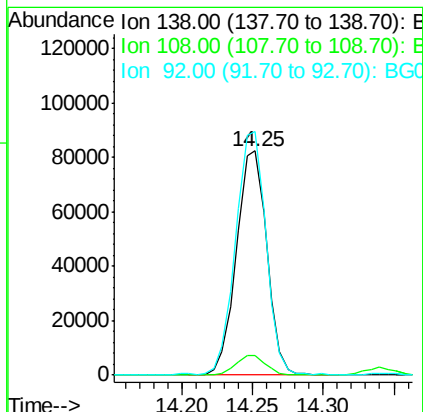
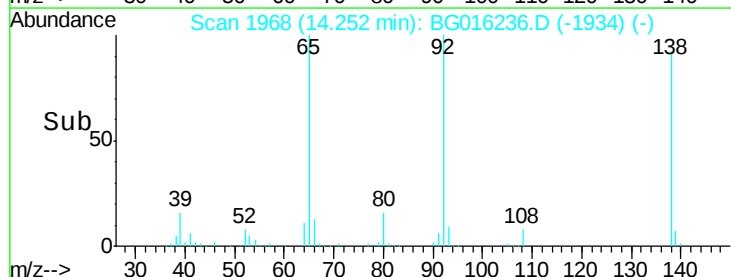
92 108.8 91.4 137.0

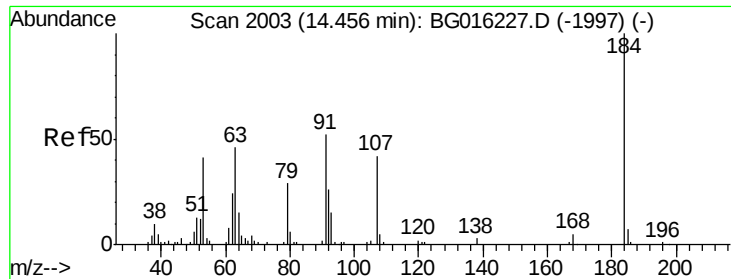


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGO

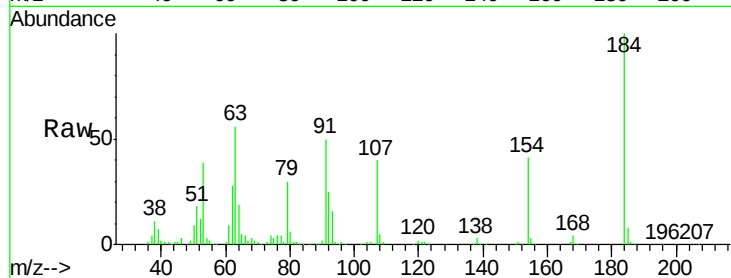




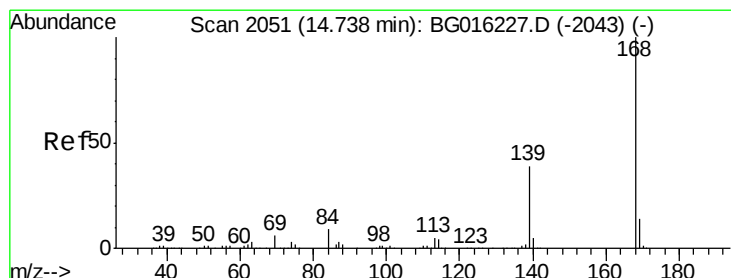
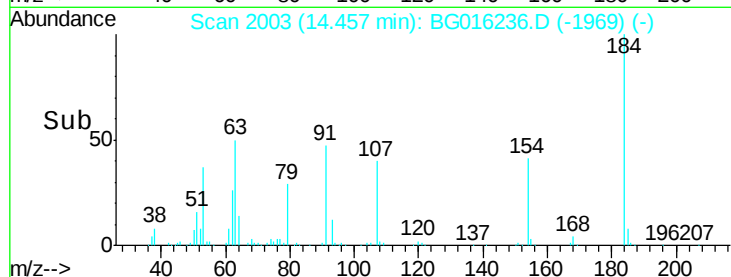
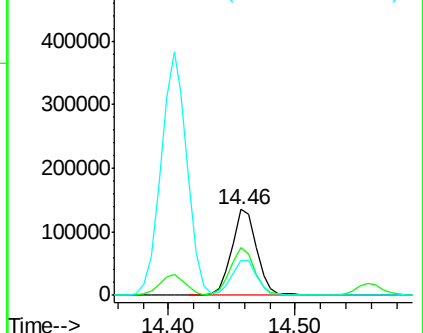
#53
2,4-Dinitrophenol
Concen: 84.08 ng
RT: 14.46 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG016236.D
Acq: 6 Apr 2015 22:34

Instrument :
BNA_G
ClientSampleId :
LS-SW01MS

Tgt Ion:184 Resp: 185390
Ion Ratio Lower Upper
184 100
63 56.3 45.8 68.6
154 41.4 34.5 51.7

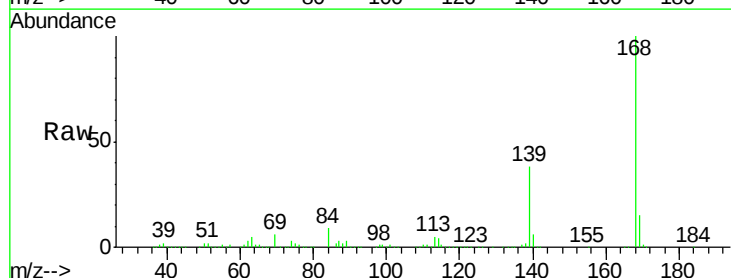


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

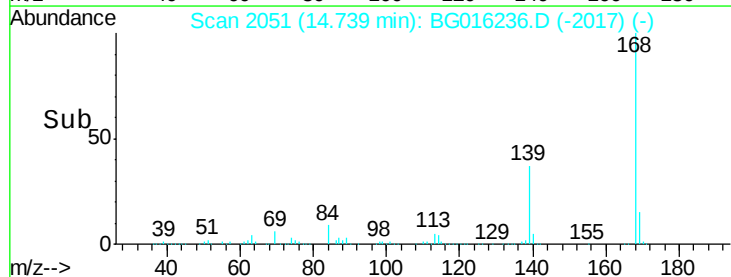
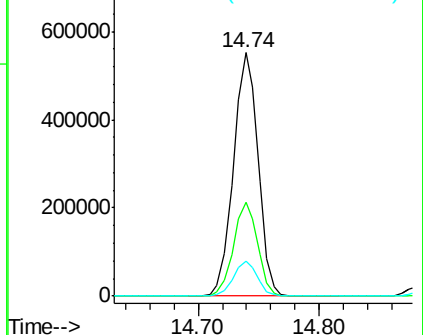


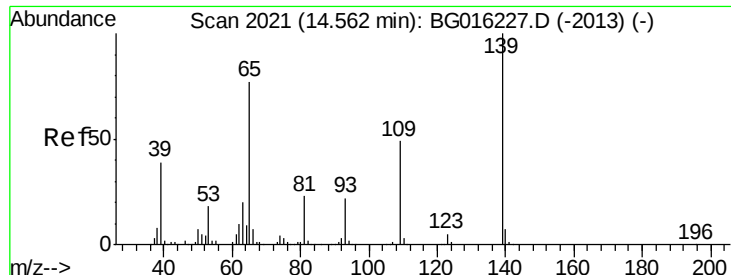
#54
Dibenzofuran
Concen: 42.51 ng
RT: 14.74 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BG016236.D
Acq: 6 Apr 2015 22:34

Tgt Ion:168 Resp: 782966
Ion Ratio Lower Upper
168 100
139 38.4 31.0 46.6
169 14.5 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

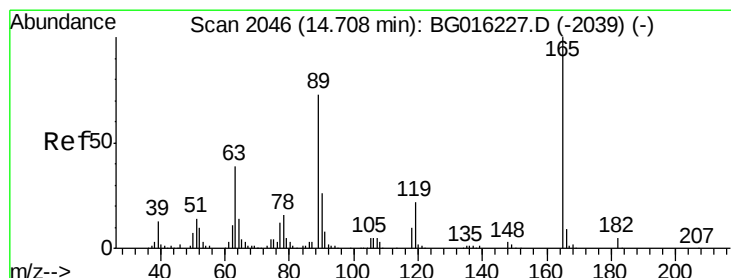
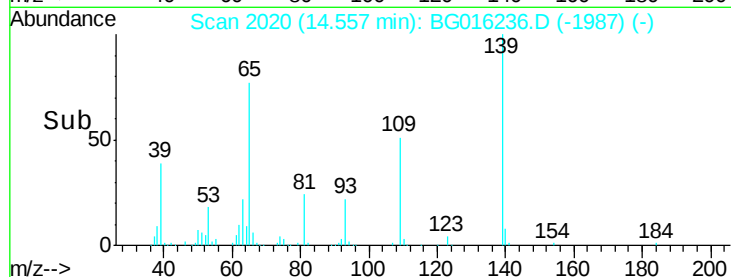
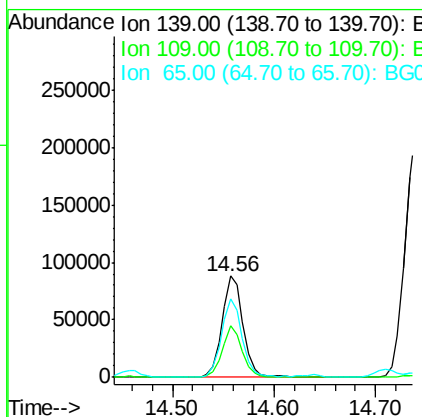
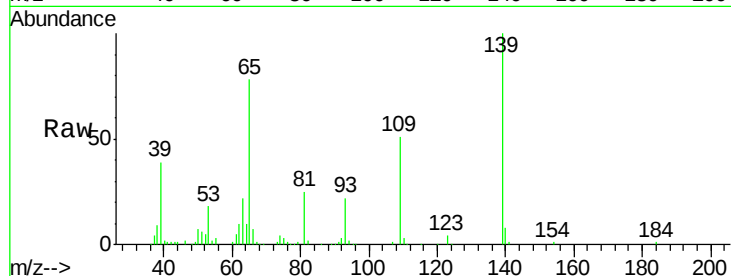




#55
4-Nitrophenol
Concen: 31.91 ng
RT: 14.56 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BG016236.D
Acq: 6 Apr 2015 22:34

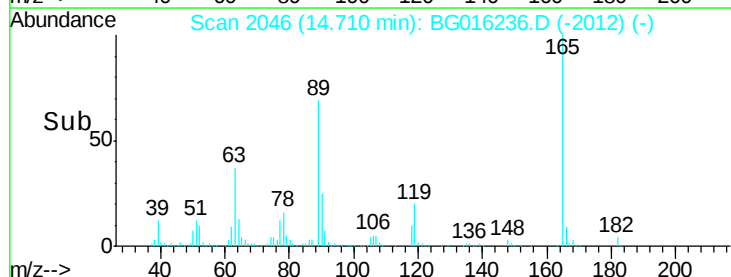
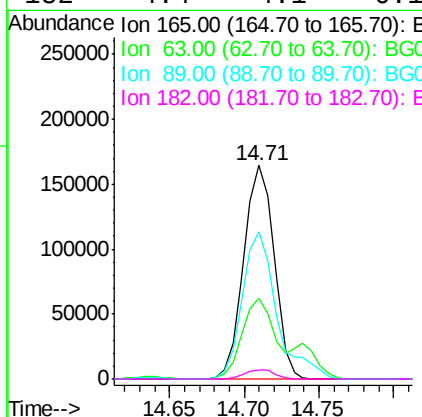
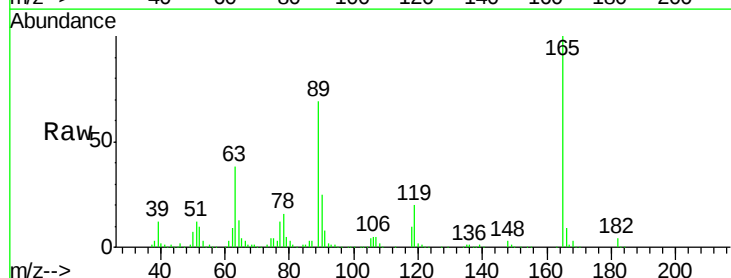
Instrument :
BNA_G
ClientSampleId :
LS-SW01MS

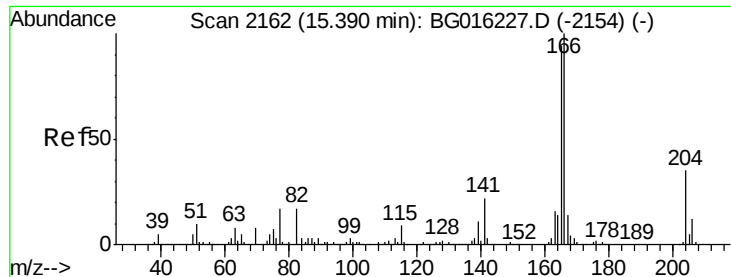
Tgt Ion:139 Resp: 127618
Ion Ratio Lower Upper
139 100
109 50.5 28.5 68.5
65 77.5 56.9 96.9



#56
2,4-Dinitrotoluene
Concen: 44.81 ng
RT: 14.71 min Scan# 2046
Delta R.T. 0.00 min
Lab File: BG016236.D
Acq: 6 Apr 2015 22:34

Tgt Ion:165 Resp: 231238
Ion Ratio Lower Upper
165 100
63 37.6 31.4 47.2
89 69.2 58.8 88.2
182 4.4 4.1 6.1





#57

Fluorene

Concen: 42.25 ng

RT: 15.39 min Scan# 2162

Delta R.T. 0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

Instrument :

BNA_G

ClientSampleId :

LS-SW01MS

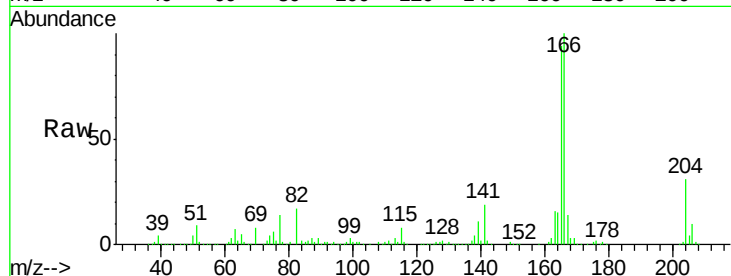
Tgt Ion:166 Resp: 686441

Ion Ratio Lower Upper

166 100

165 93.8 75.2 112.8

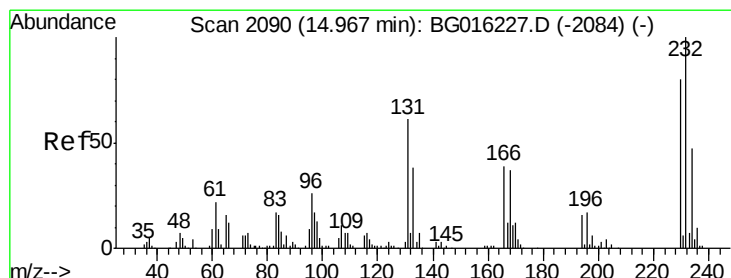
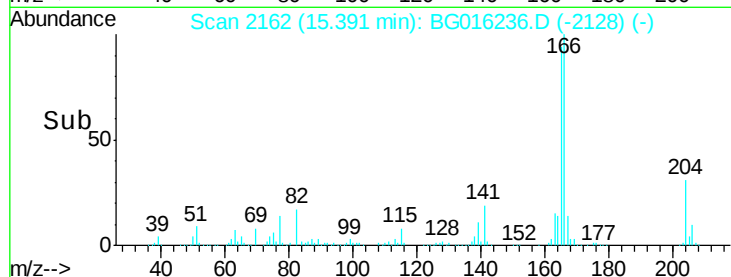
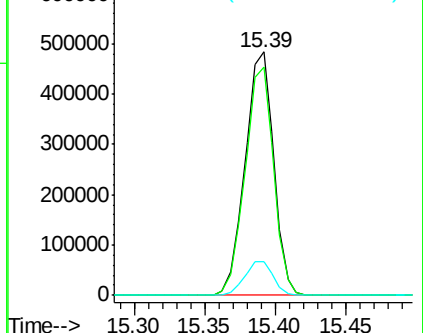
167 14.0 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.37 ng

RT: 14.97 min Scan# 2090

Delta R.T. 0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

Tgt Ion:232 Resp: 127934

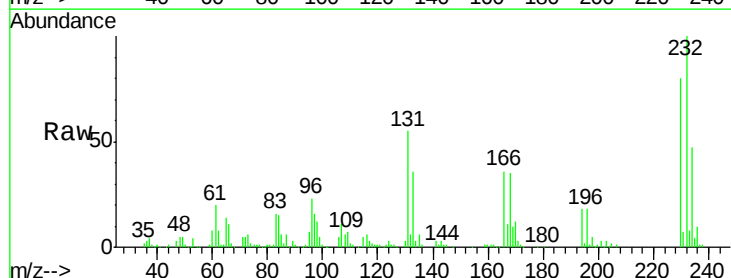
Ion Ratio Lower Upper

232 100

131 57.4 49.8 74.6

130 3.2 2.6 3.8

166 38.3 30.6 45.8

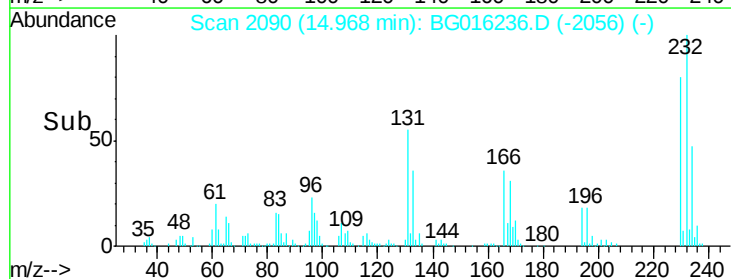
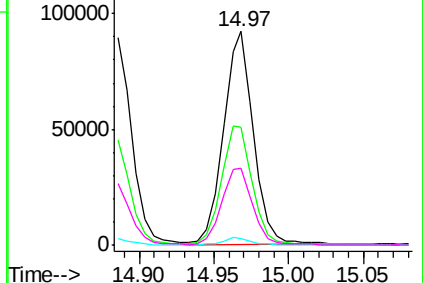


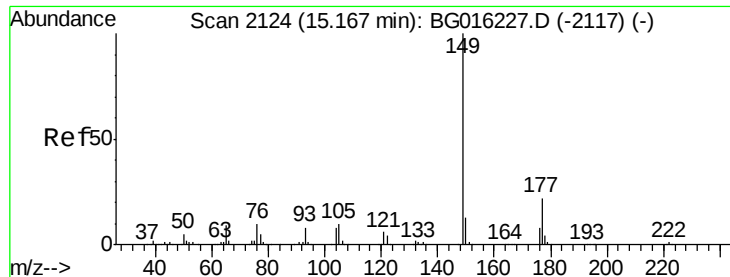
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 42.40 ng

RT: 15.17 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

Instrument :

BNA_G

ClientSampleId :

LS-SW01MS

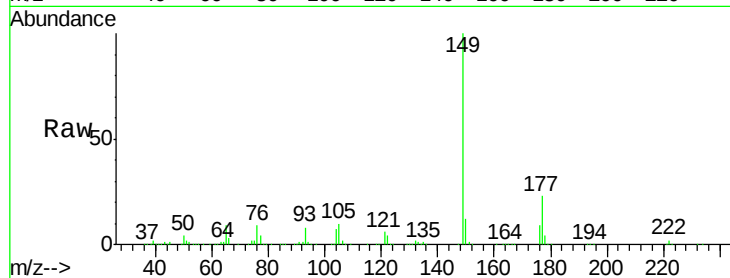
Tgt Ion:149 Resp: 706998

Ion Ratio Lower Upper

149 100

177 22.6 17.7 26.5

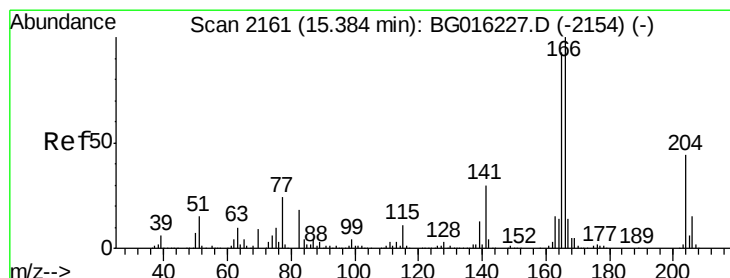
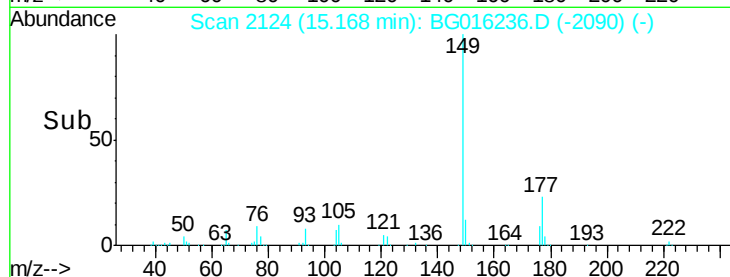
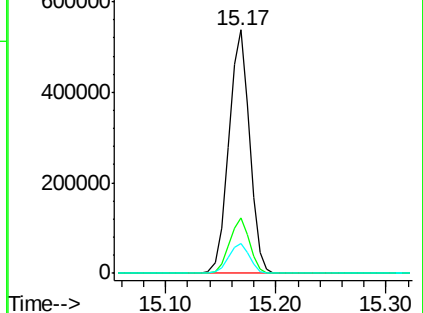
150 12.4 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.72 ng

RT: 15.39 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

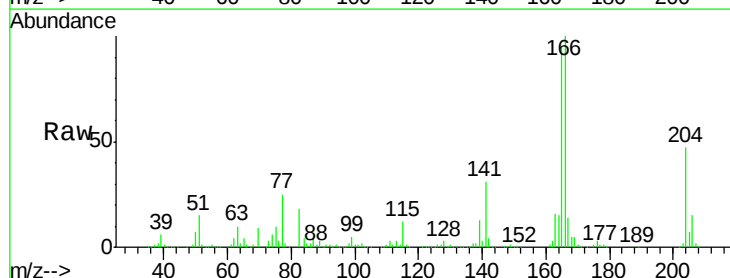
Tgt Ion:204 Resp: 283964

Ion Ratio Lower Upper

204 100

206 32.2 27.6 41.4

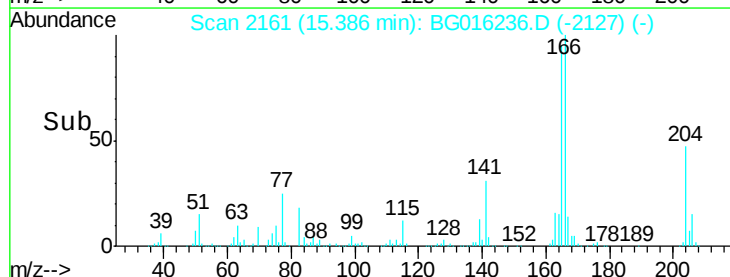
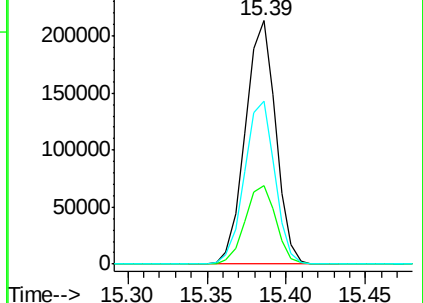
141 67.0 55.4 83.2

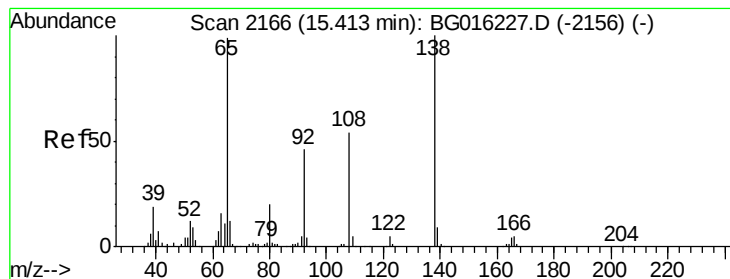


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 29.33 ng

RT: 15.41 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

Instrument :

BNA_G

ClientSampleId :

LS-SW01MS

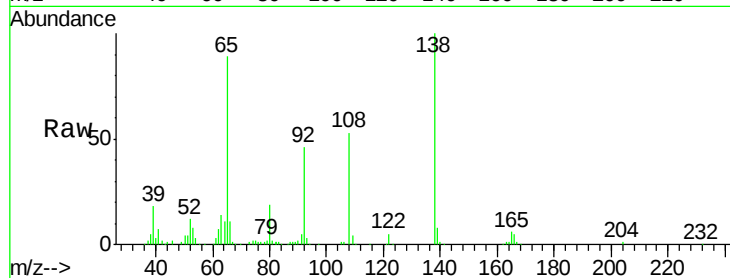
Tgt Ion: 138 Resp: 161106

Ion Ratio Lower Upper

138 100

92 45.9 26.3 66.3

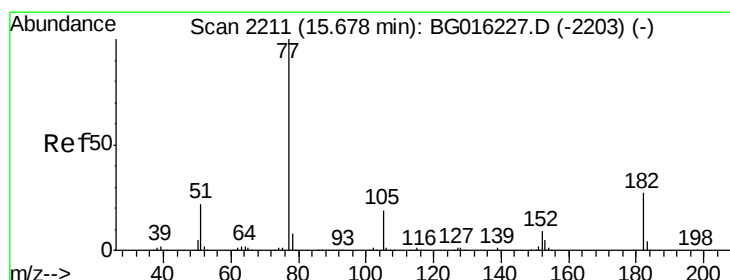
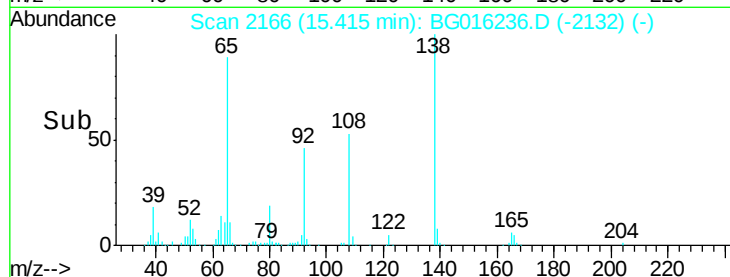
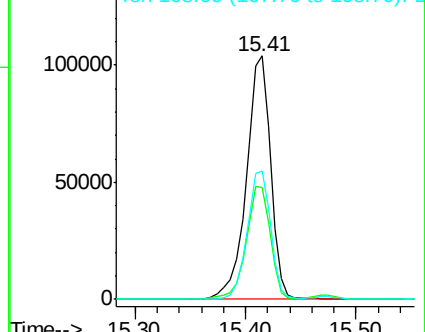
108 52.7 33.6 73.6



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: 42.45 ng

RT: 15.68 min Scan# 2211

Delta R.T. 0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

Tgt Ion: 77 Resp: 753478

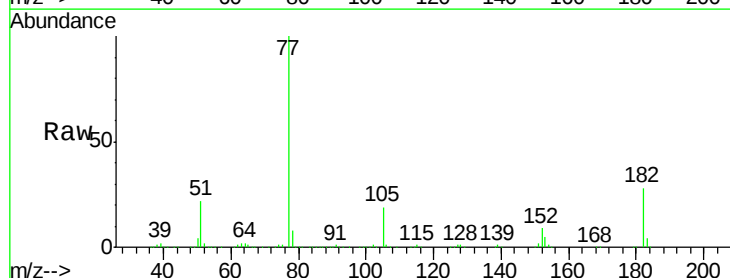
Ion Ratio Lower Upper

77 100

182 27.7 6.6 46.6

105 19.2 0.0 39.2

51 21.9 2.0 42.0

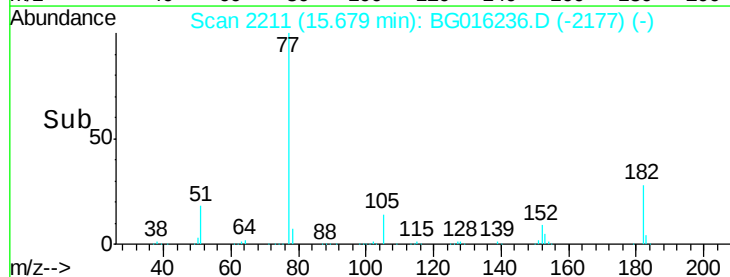
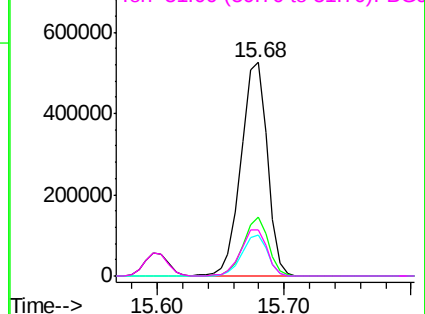


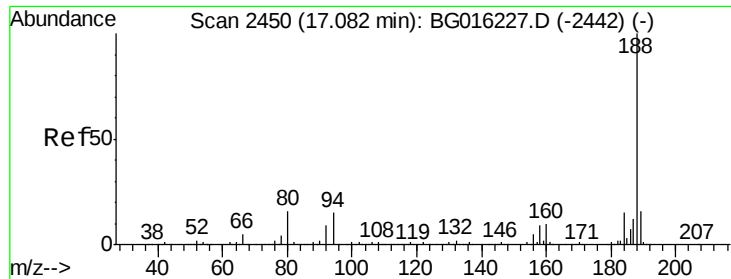
Abundance Ion 77.00 (76.70 to 77.70): BGC

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

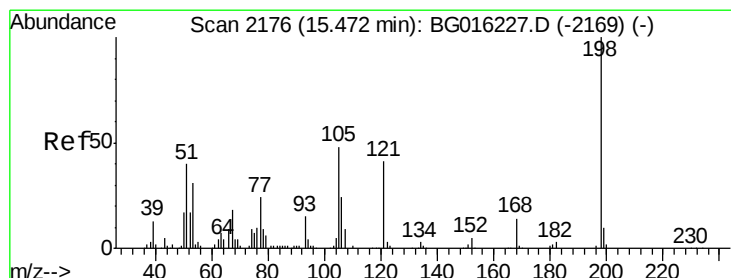
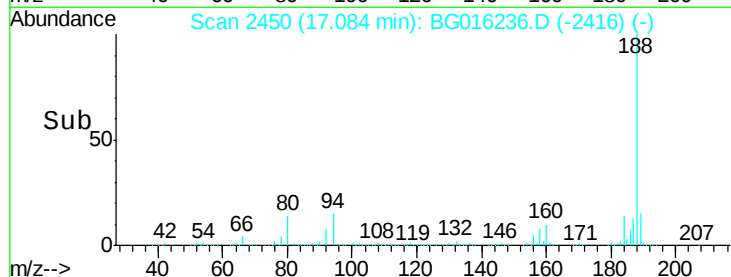
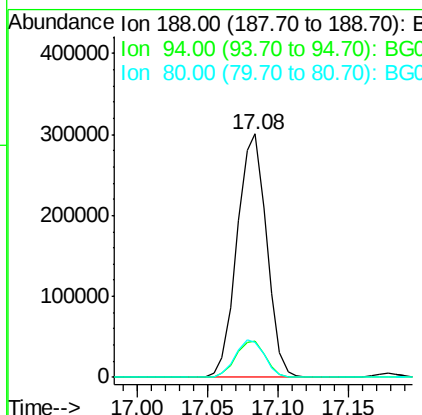
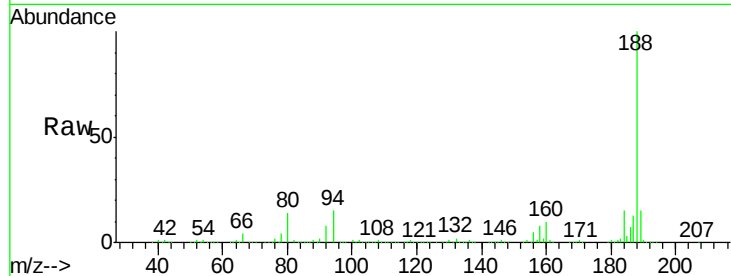




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG016236.D
Acq: 6 Apr 2015 22:34

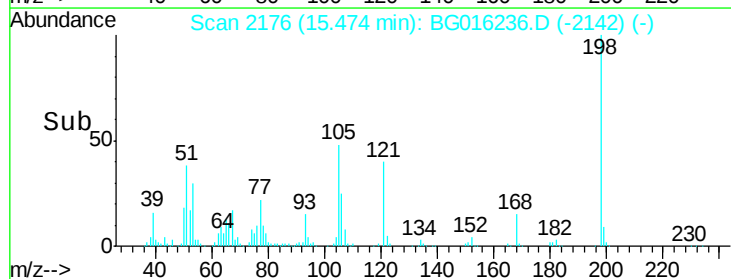
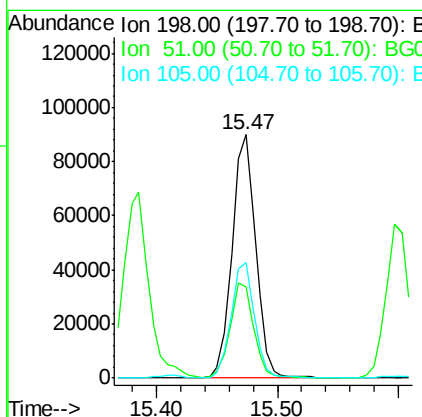
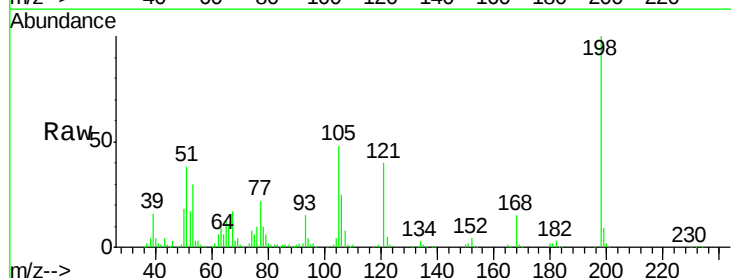
Instrument :
BNA_G
ClientSampleId :
LS-SW01MS

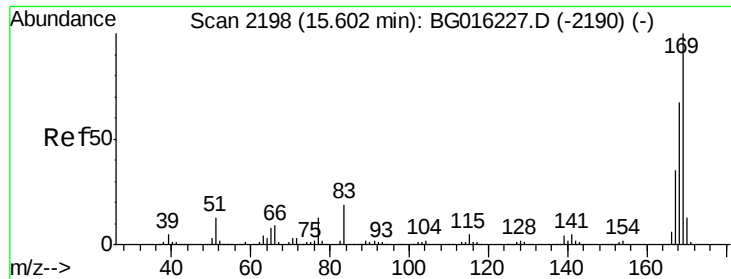
Tgt Ion:188 Resp: 439397
Ion Ratio Lower Upper
188 100
94 14.7 12.2 18.4
80 14.4 12.8 19.2



#64
4,6-Dinitro-2-methylphenol
Concen: 40.51 ng
RT: 15.47 min Scan# 2176
Delta R.T. 0.00 min
Lab File: BG016236.D
Acq: 6 Apr 2015 22:34

Tgt Ion:198 Resp: 123244
Ion Ratio Lower Upper
198 100
51 37.5 20.7 60.7
105 47.6 28.8 68.8

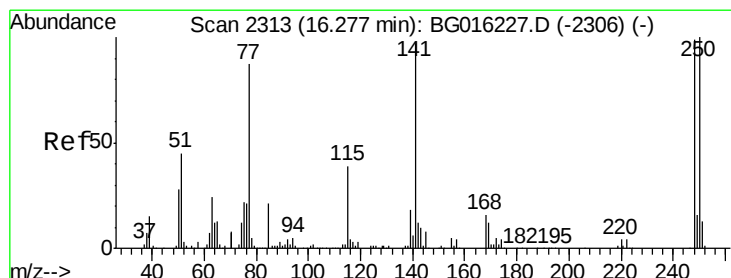
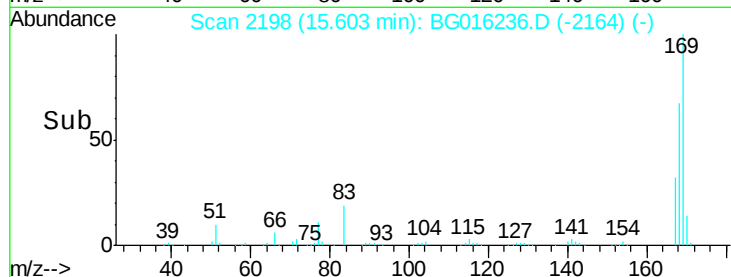
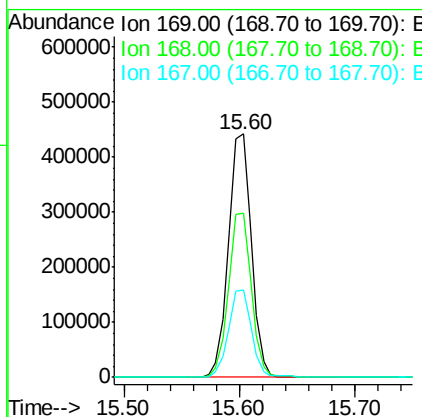
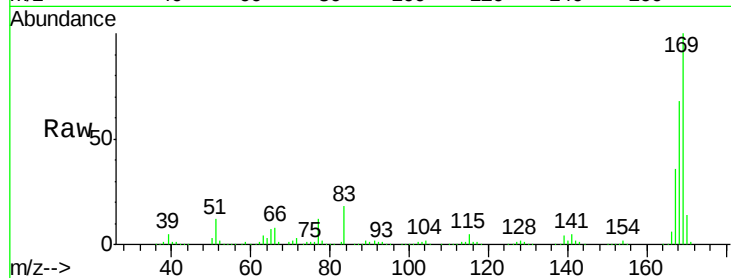




#65
 n-Nitrosodiphenylamine
 Concen: 40.89 ng
 RT: 15.60 min Scan# 2198
 Delta R.T. 0.00 min
 Lab File: BG016236.D
 Acq: 6 Apr 2015 22:34

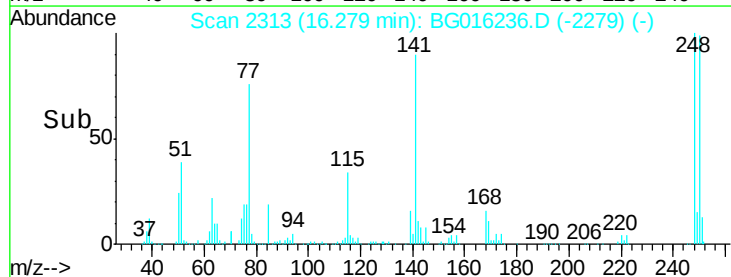
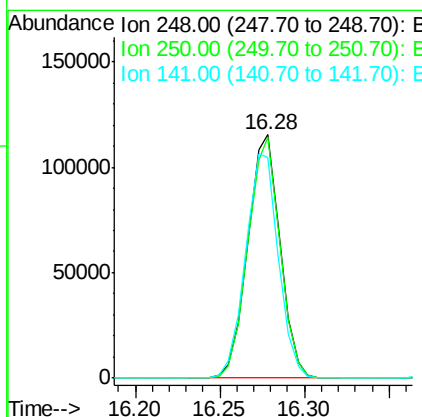
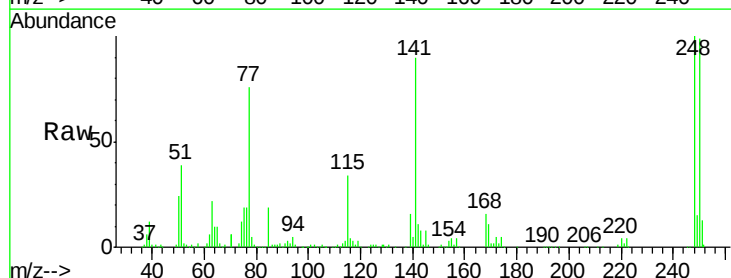
Instrument :
 BNA_G
 ClientSampleId :
 LS-SW01MS

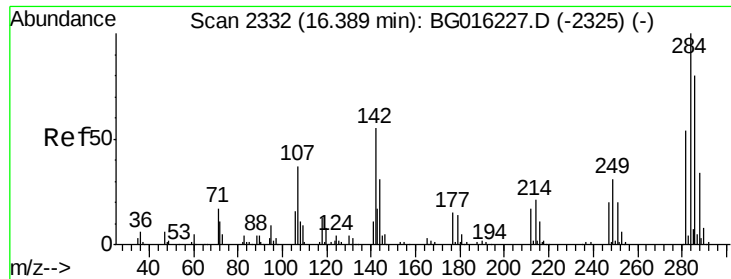
Tgt Ion:169 Resp: 607309
 Ion Ratio Lower Upper
 169 100
 168 67.6 53.4 80.0
 167 35.7 28.3 42.5



#66
 4-Bromophenyl-phenylether
 Concen: 43.74 ng
 RT: 16.28 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: BG016236.D
 Acq: 6 Apr 2015 22:34

Tgt Ion:248 Resp: 153444
 Ion Ratio Lower Upper
 248 100
 250 99.1 80.5 120.7
 141 90.5 78.2 117.4

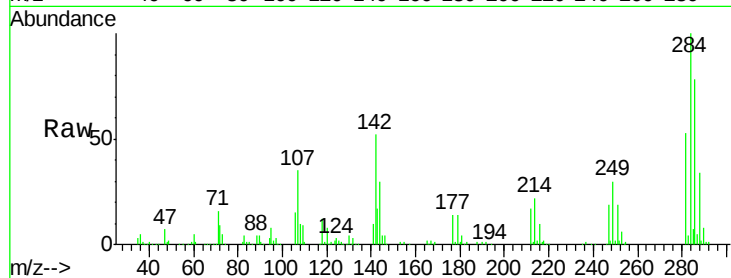




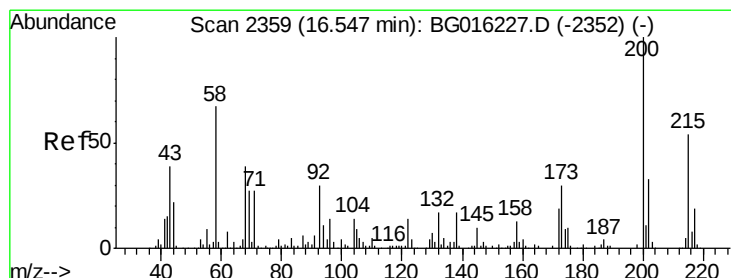
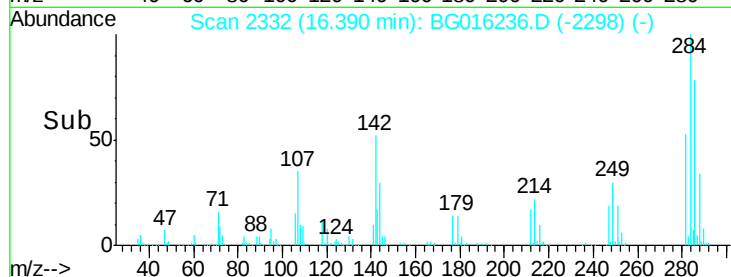
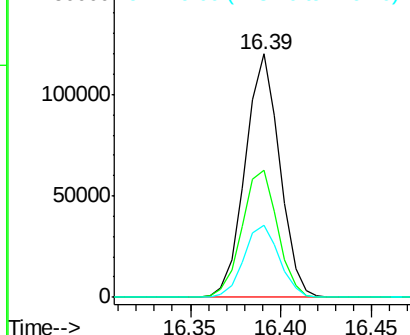
#67
Hexachlorobenzene
Concen: 43.38 ng
RT: 16.39 min Scan# 2332
Delta R.T. 0.00 min
Lab File: BG016236.D
Acq: 6 Apr 2015 22:34

Instrument :
BNA_G
ClientSampleId :
LS-SW01MS

Tgt Ion:284 Resp: 158182
Ion Ratio Lower Upper
284 100
142 52.3 44.2 66.2
249 29.5 24.8 37.2

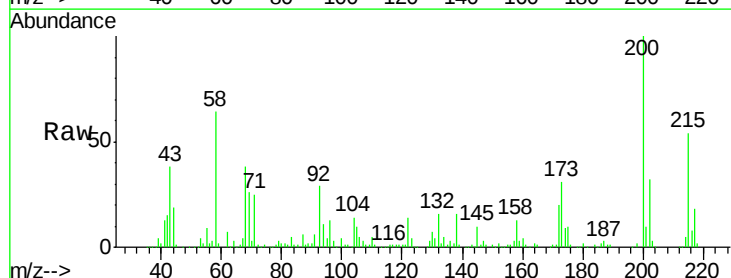


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

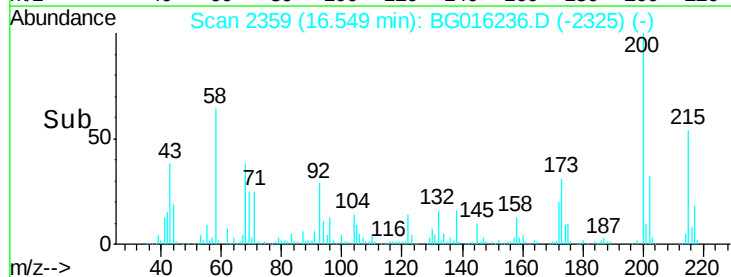
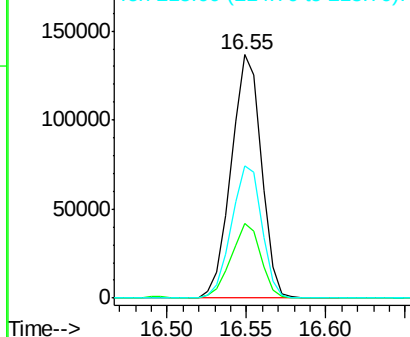


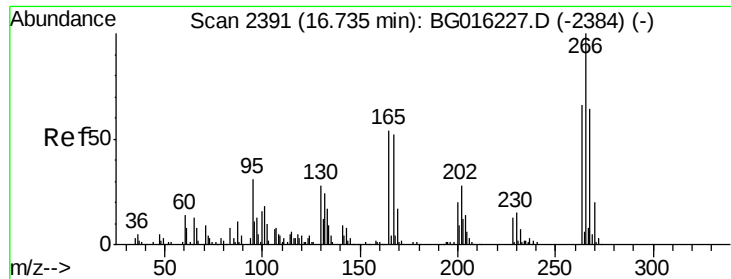
#68
Atrazine
Concen: 43.34 ng
RT: 16.55 min Scan# 2359
Delta R.T. 0.00 min
Lab File: BG016236.D
Acq: 6 Apr 2015 22:34

Tgt Ion:200 Resp: 179437
Ion Ratio Lower Upper
200 100
173 30.9 10.2 50.2
215 54.1 34.4 74.4



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





#69

Pentachlorophenol

Concen: 87.40 ng

RT: 16.73 min Scan# 2390

Delta R.T. -0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

Instrument :

BNA_G

ClientSampleId :

LS-SW01MS

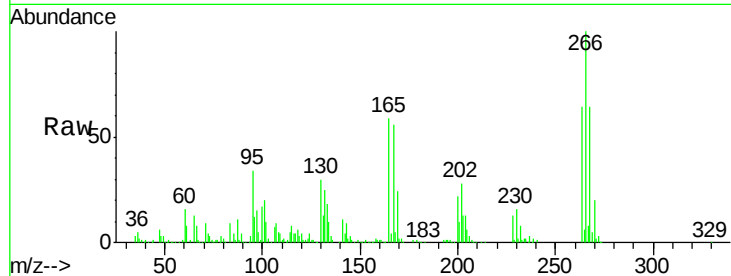
Tgt Ion:266 Resp: 194590

Ion Ratio Lower Upper

266 100

268 63.7 50.9 76.3

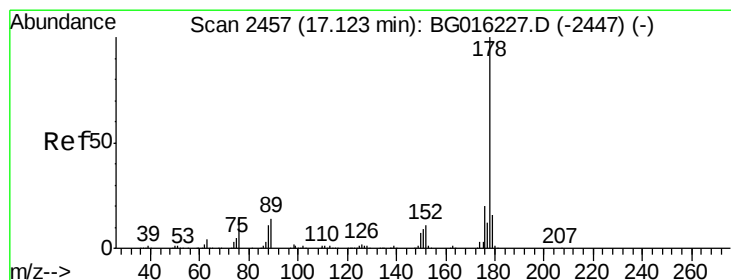
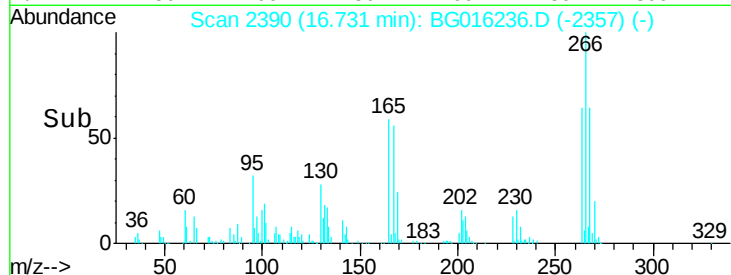
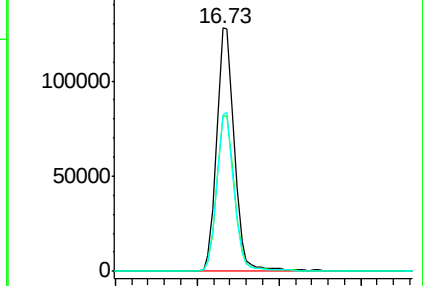
264 64.4 52.8 79.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 40.93 ng

RT: 17.12 min Scan# 2457

Delta R.T. 0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

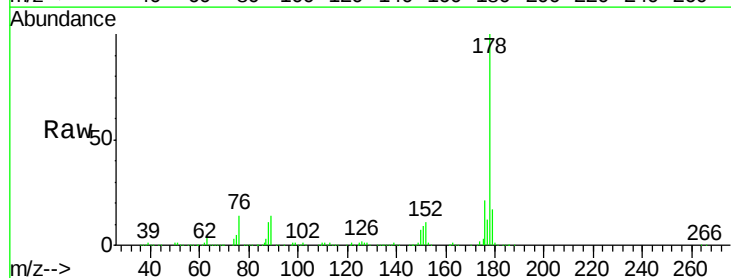
Tgt Ion:178 Resp: 1011506

Ion Ratio Lower Upper

178 100

176 20.8 16.2 24.4

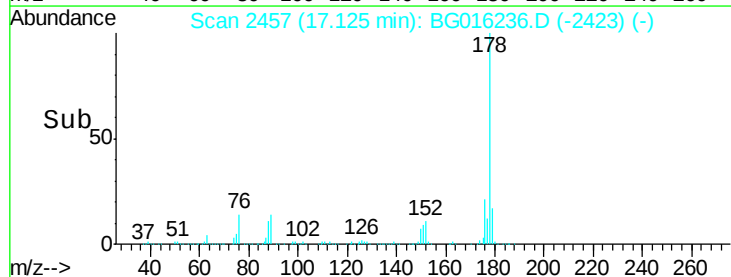
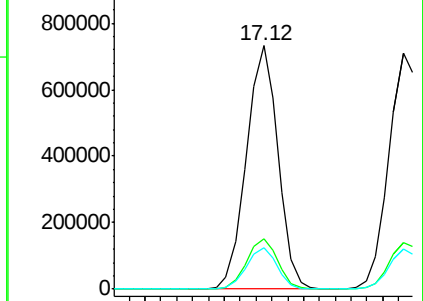
179 16.8 12.7 19.1

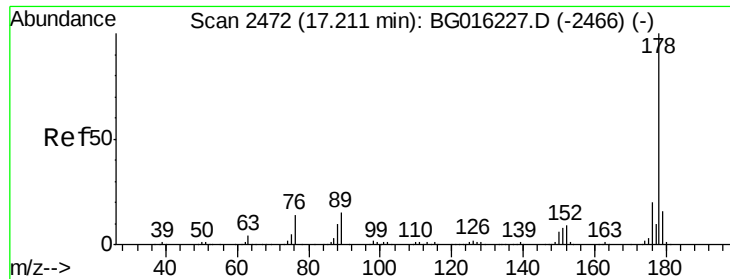


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

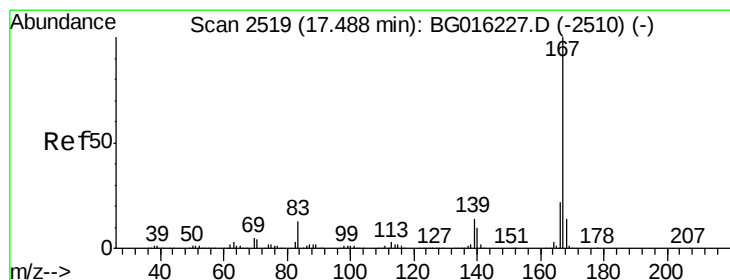
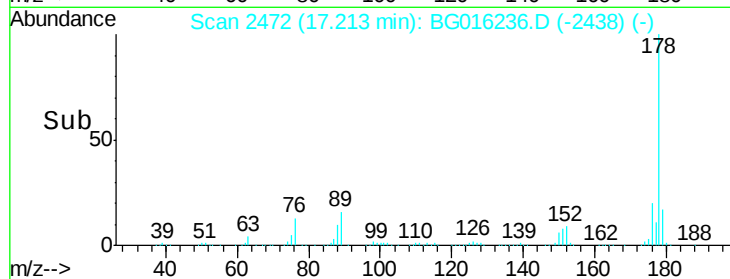
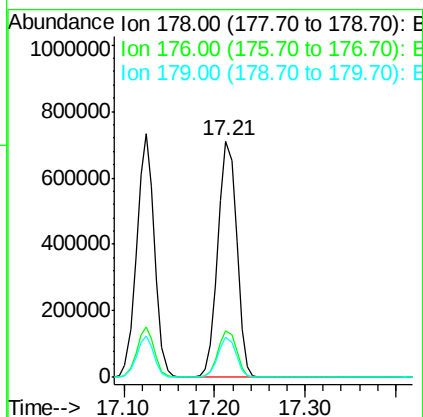
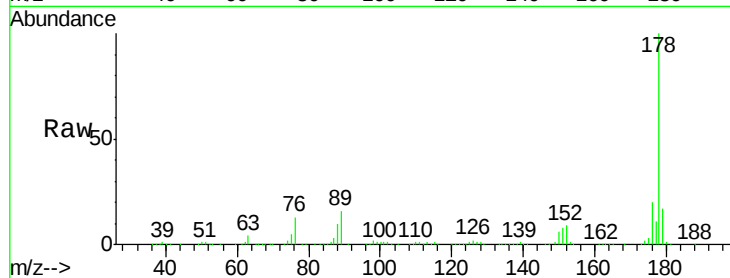




#71
 Anthracene
 Concen: 41.72 ng
 RT: 17.21 min Scan# 2472
 Delta R.T. 0.00 min
 Lab File: BG016236.D
 Acq: 6 Apr 2015 22:34

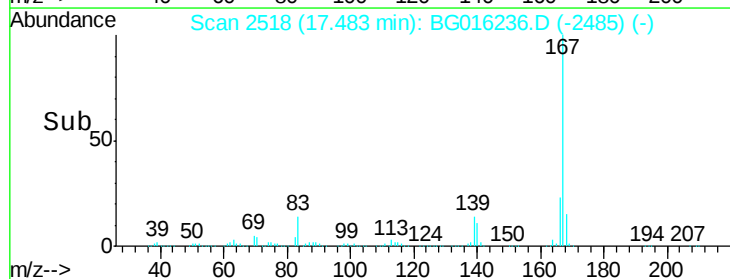
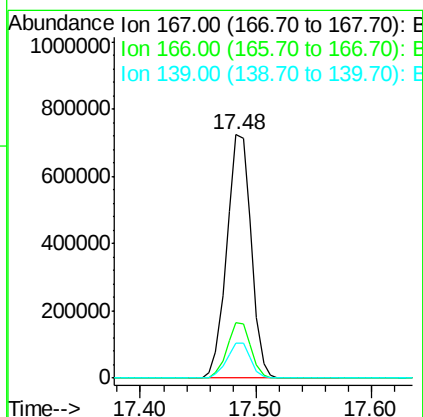
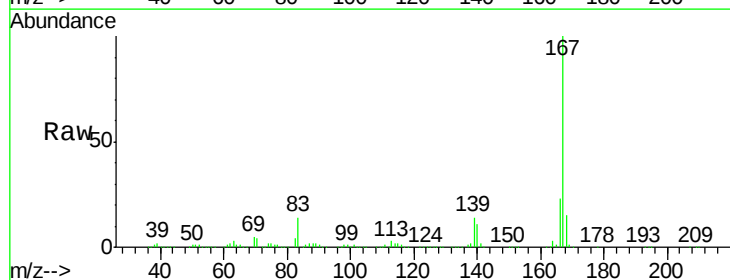
Instrument :
 BNA_G
 ClientSampleId :
 LS-SW01MS

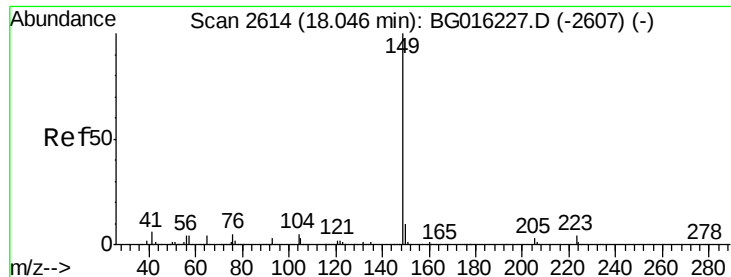
Tgt Ion:178 Resp: 1021842
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.9 23.9
 179 16.9 13.0 19.6



#72
 Carbazole
 Concen: 42.92 ng
 RT: 17.48 min Scan# 2518
 Delta R.T. -0.00 min
 Lab File: BG016236.D
 Acq: 6 Apr 2015 22:34

Tgt Ion:167 Resp: 1055035
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.9 26.9
 139 14.3 11.5 17.3





#73

Di-n-butylphthalate

Concen: 42.08 ng

RT: 18.05 min Scan# 2614

Delta R.T. 0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

Instrument :

BNA_G

ClientSampleId :

LS-SW01MS

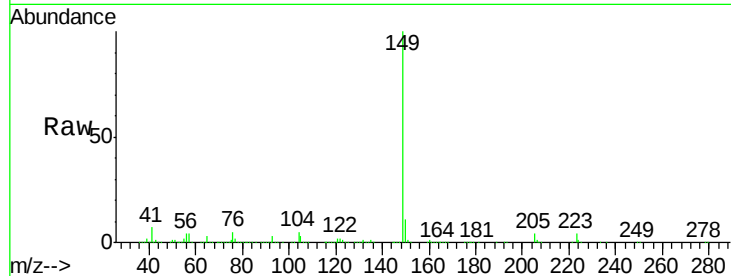
Tgt Ion:149 Resp: 1265755

Ion Ratio Lower Upper

149 100

150 10.7 8.2 12.4

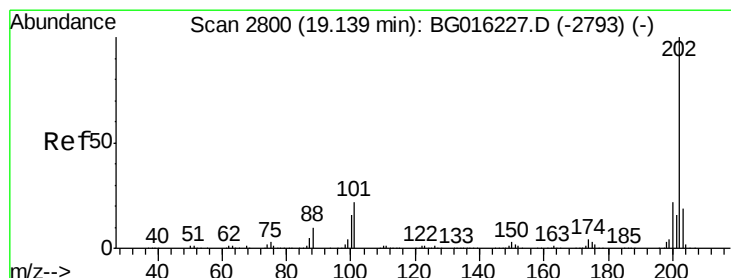
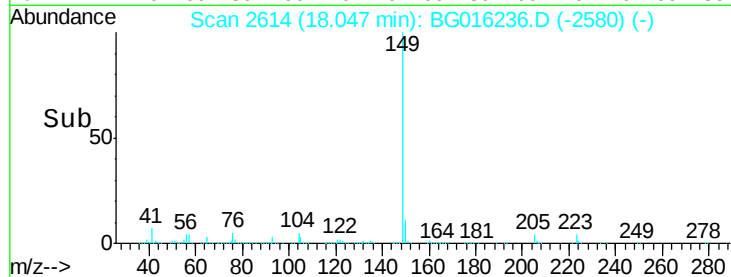
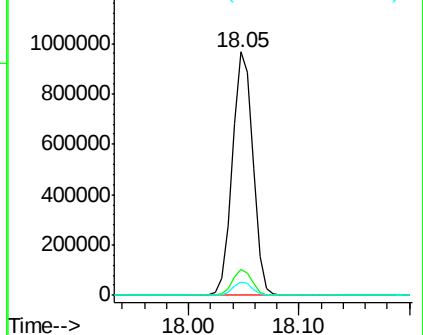
104 5.2 4.0 6.0



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: 41.62 ng

RT: 19.14 min Scan# 2800

Delta R.T. 0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

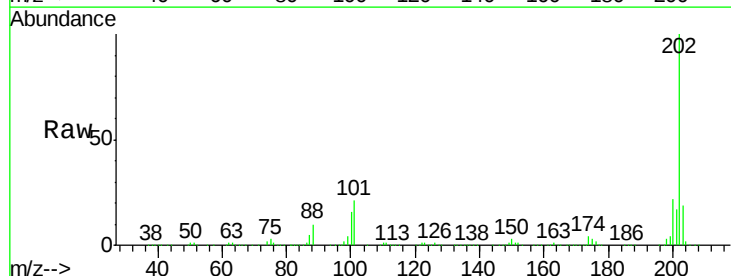
Tgt Ion:202 Resp: 1060231

Ion Ratio Lower Upper

202 100

101 20.7 1.7 41.7

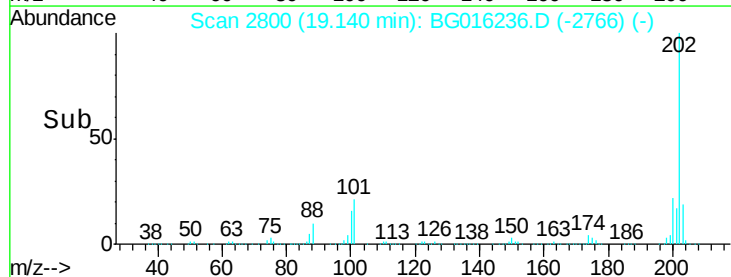
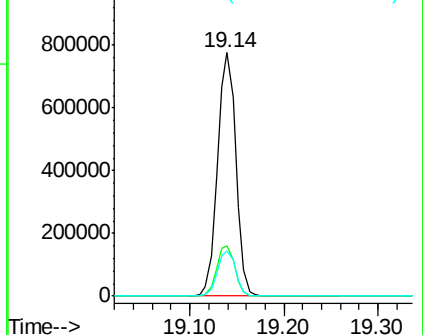
203 18.7 0.0 38.7

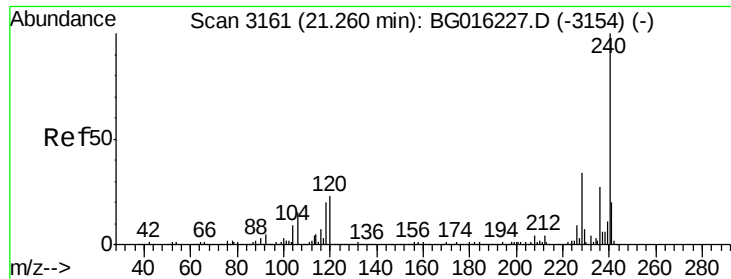


Abundance Ion 202.00 (201.70 to 202.70): E

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# 3161

Delta R.T. 0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

Instrument :

BNA_G

ClientSampleId :

LS-SW01MS

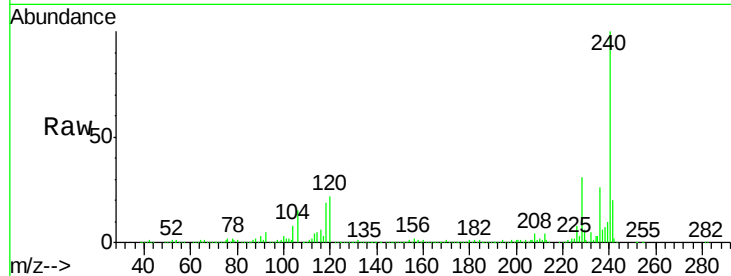
Tgt Ion:240 Resp: 369775

Ion Ratio Lower Upper

240 100

120 21.6 18.6 28.0

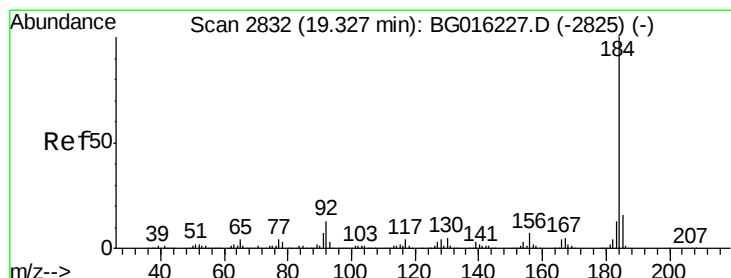
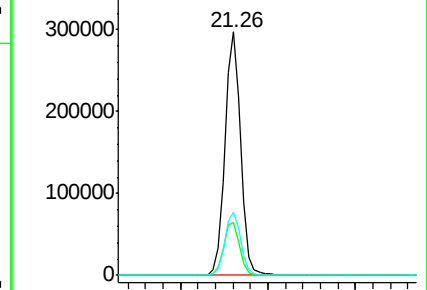
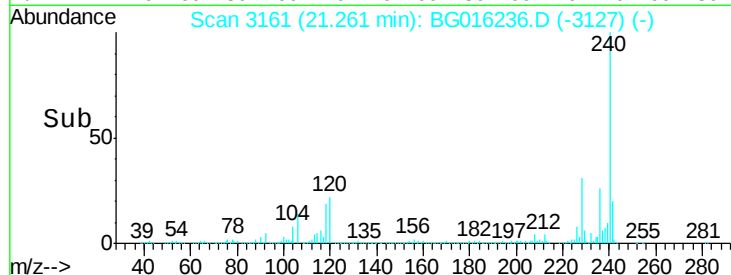
236 26.2 21.7 32.5



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: 6.47 ng

RT: 19.32 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

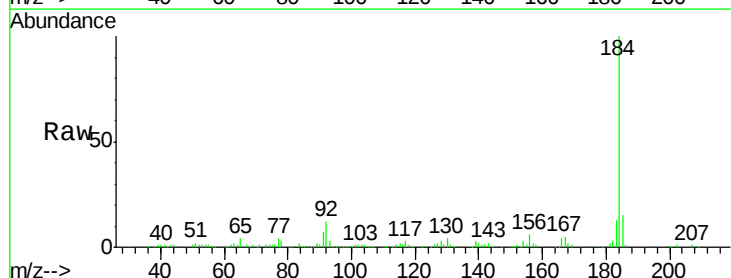
Tgt Ion:184 Resp: 101522

Ion Ratio Lower Upper

184 100

185 15.1 12.6 19.0

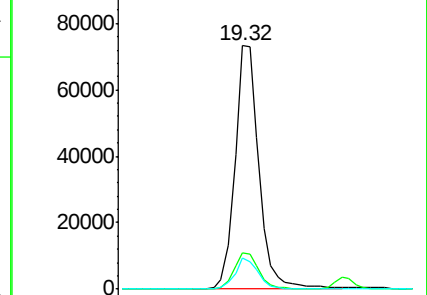
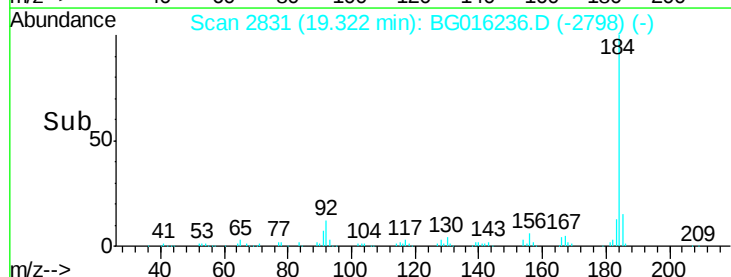
183 12.6 10.4 15.6

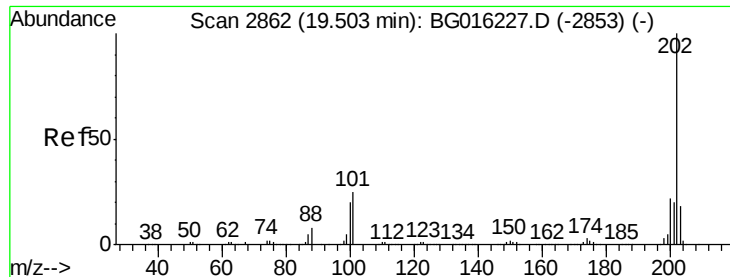


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 42.83 ng

RT: 19.50 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

Instrument :

BNA_G

ClientSampleId :

LS-SW01MS

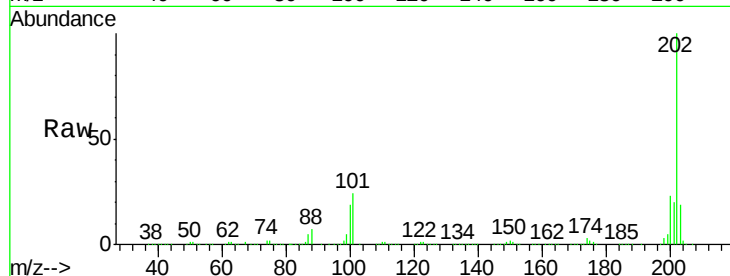
Tgt Ion:202 Resp: 1102736

Ion Ratio Lower Upper

202 100

200 22.8 17.8 26.8

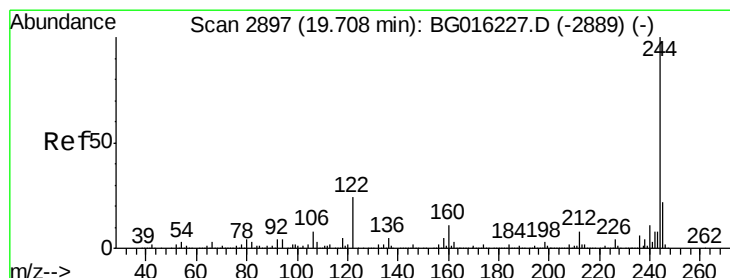
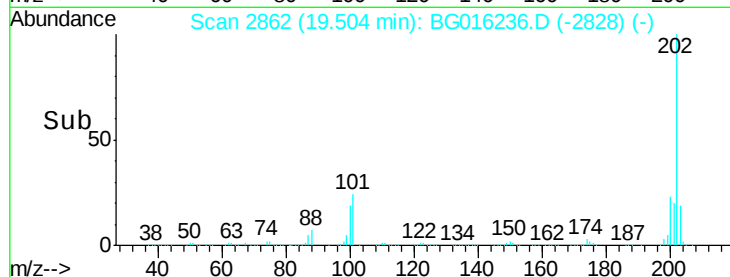
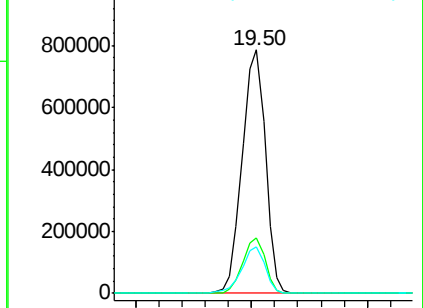
203 18.9 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 78.64 ng

RT: 19.71 min Scan# 2897

Delta R.T. 0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

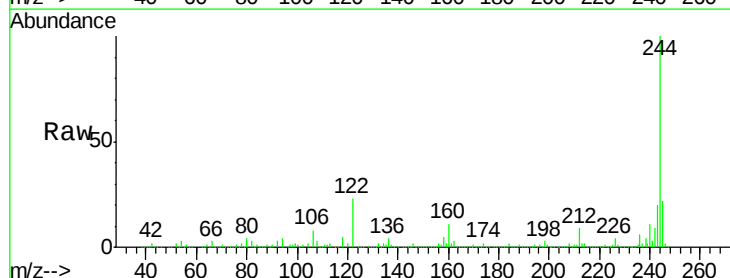
Tgt Ion:244 Resp: 1242410

Ion Ratio Lower Upper

244 100

212 8.6 6.6 9.8

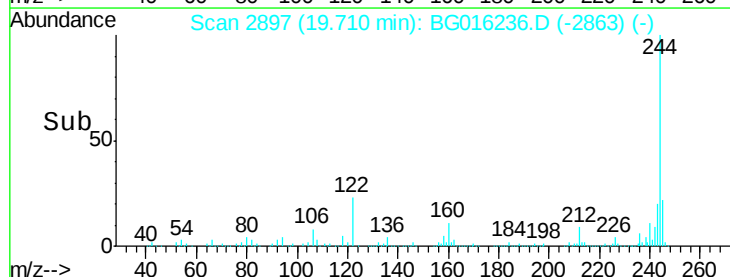
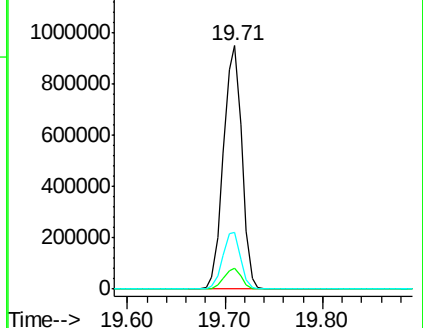
122 23.3 19.1 28.7

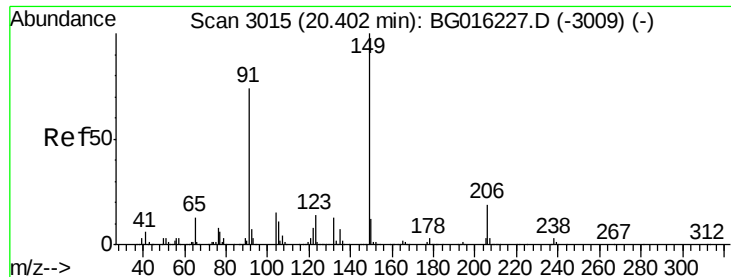


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 45.03 ng

RT: 20.40 min Scan# 3015

Delta R.T. 0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

Instrument :

BNA_G

ClientSampleId :

LS-SW01MS

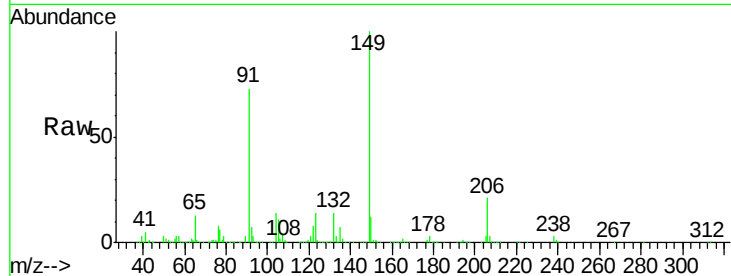
Tgt Ion:149 Resp: 569601

Ion Ratio Lower Upper

149 100

91 73.3 59.4 89.2

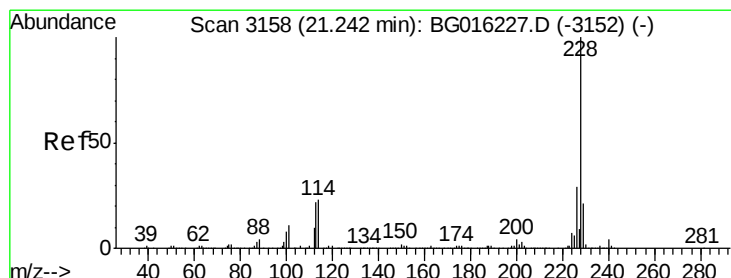
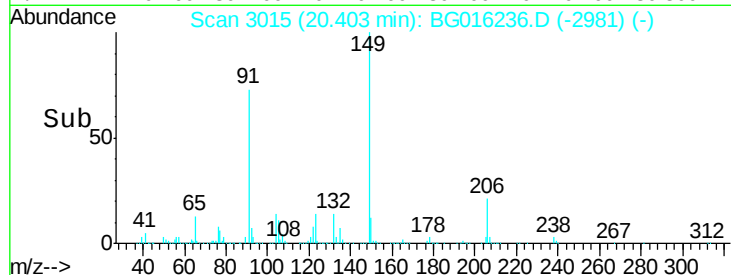
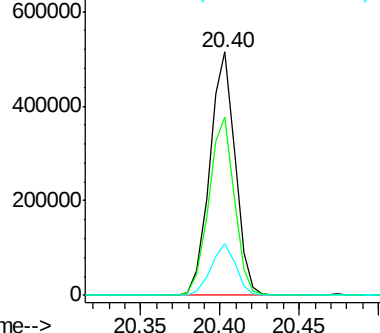
206 21.1 15.6 23.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 42.08 ng

RT: 21.24 min Scan# 3158

Delta R.T. 0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

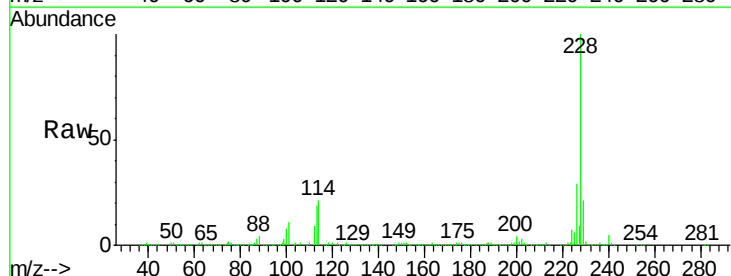
Tgt Ion:228 Resp: 919619

Ion Ratio Lower Upper

228 100

226 28.5 23.5 35.3

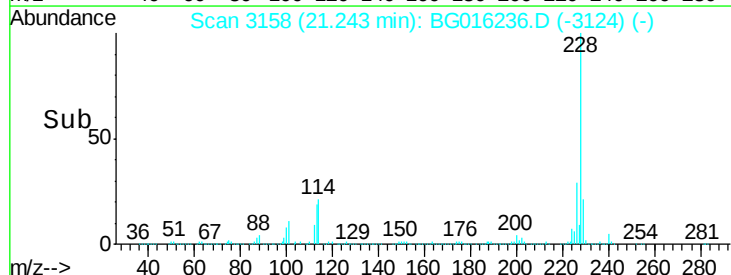
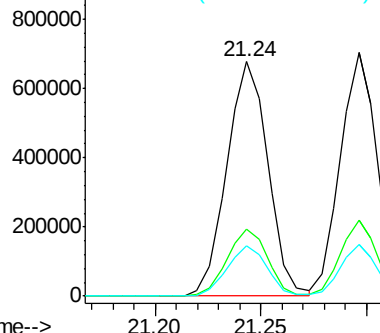
229 21.3 16.8 25.2

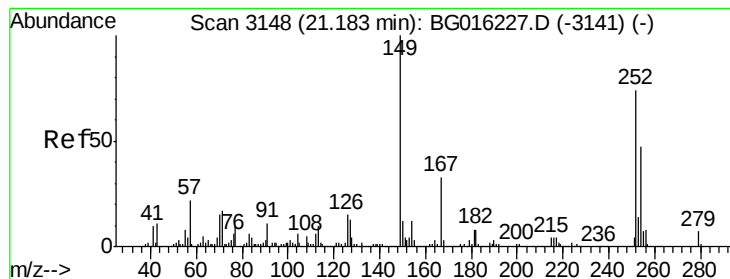


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 27.15 ng

RT: 21.18 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

Instrument :

BNA_G

ClientSampleId :

LS-SW01MS

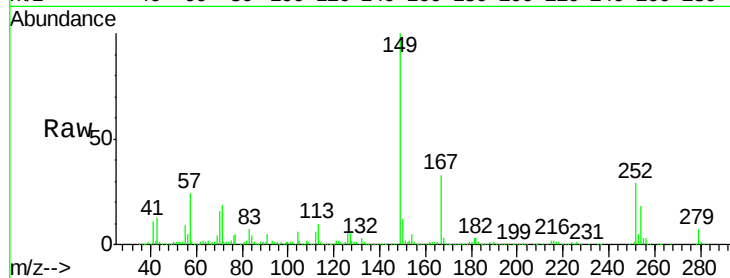
Tgt Ion:252 Resp: 195156

Ion Ratio Lower Upper

252 100

254 63.2 50.8 76.2

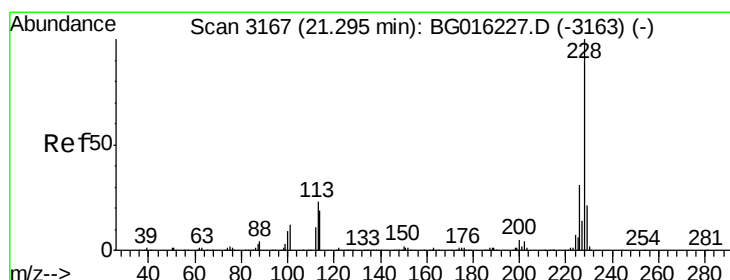
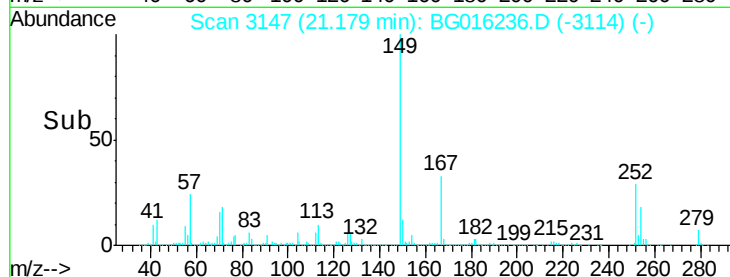
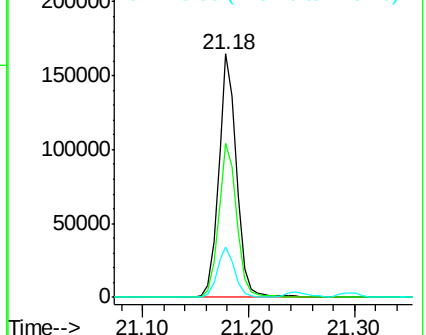
126 20.5 16.0 24.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 40.98 ng

RT: 21.30 min Scan# 3167

Delta R.T. 0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

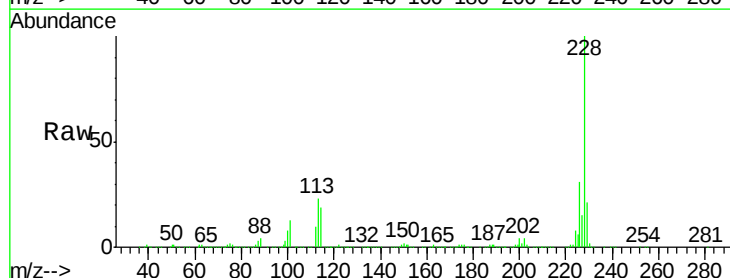
Tgt Ion:228 Resp: 864529

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.4

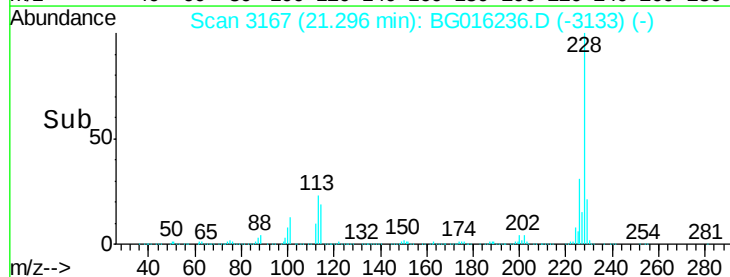
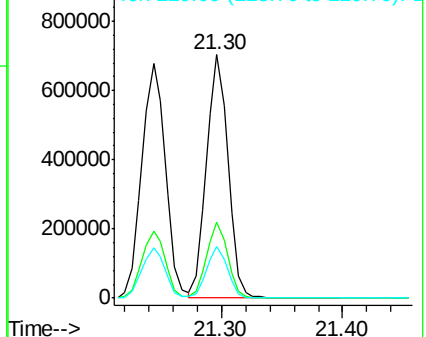
229 21.3 17.0 25.4

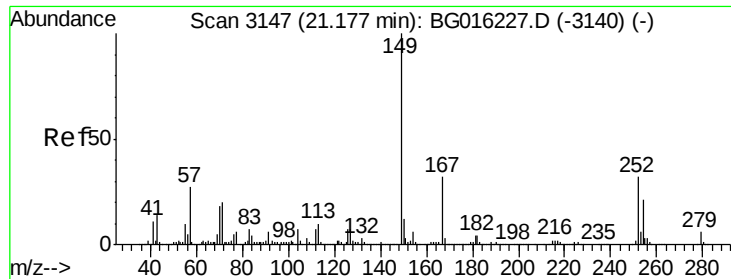


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

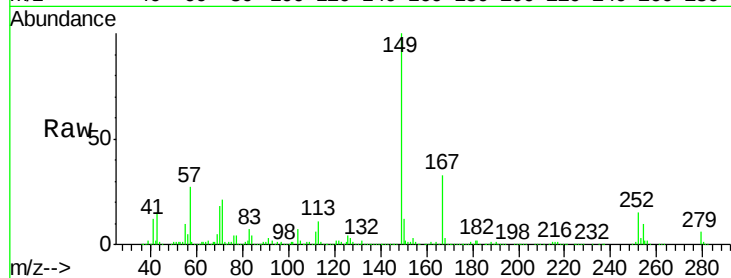




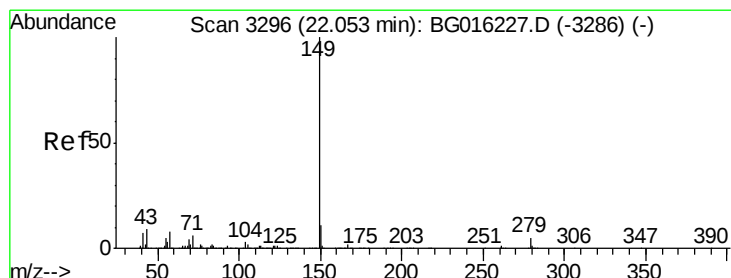
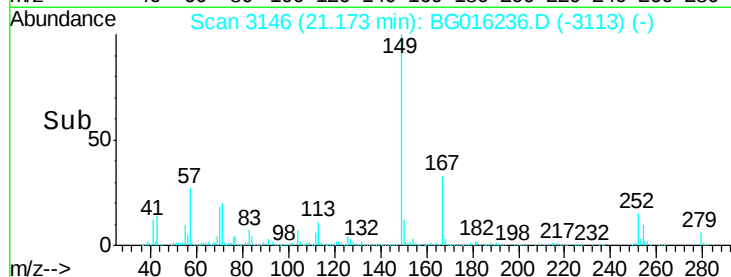
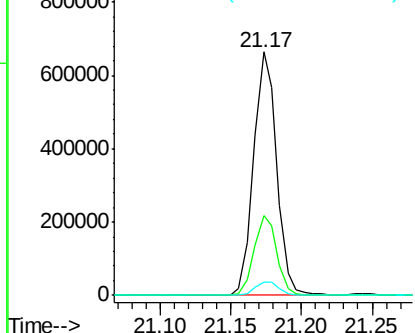
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.77 ng
 RT: 21.17 min Scan# 3146
 Delta R.T. -0.00 min
 Lab File: BG016236.D
 Acq: 6 Apr 2015 22:34

Instrument :
 BNA_G
 ClientSampleId :
 LS-SW01MS

Tgt Ion:149 Resp: 766634
 Ion Ratio Lower Upper
 149 100
 167 32.8 25.8 38.6
 279 5.7 4.7 7.1

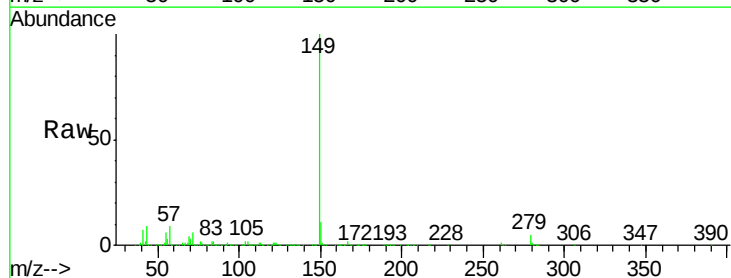


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

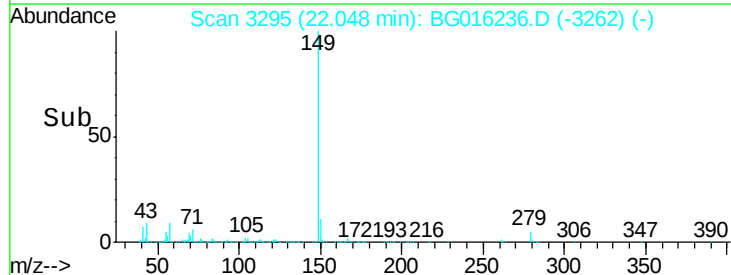
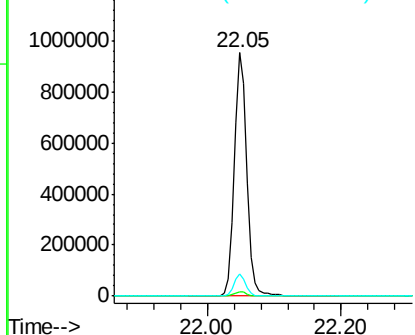


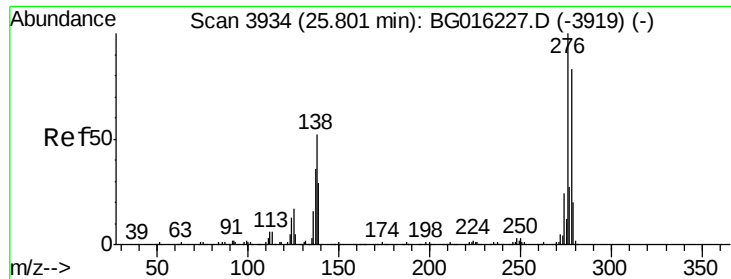
#84
 Di-n-octyl phthalate
 Concen: 45.17 ng
 RT: 22.05 min Scan# 3295
 Delta R.T. -0.00 min
 Lab File: BG016236.D
 Acq: 6 Apr 2015 22:34

Tgt Ion:149 Resp: 1260391
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 8.6 7.0 10.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.86 ng

RT: 25.80 min Scan# 3934

Delta R.T. 0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

Instrument :

BNA_G

ClientSampleId :

LS-SW01MS

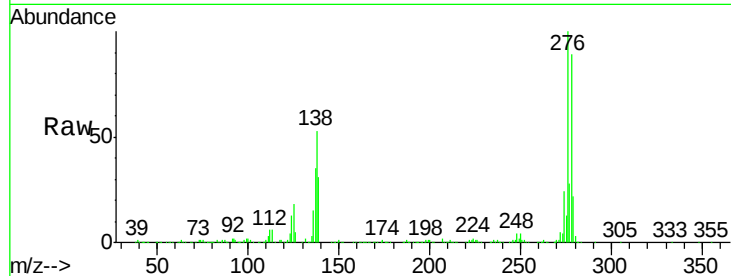
Tgt Ion:276 Resp: 939334

Ion Ratio Lower Upper

276 100

138 50.7 41.5 62.3

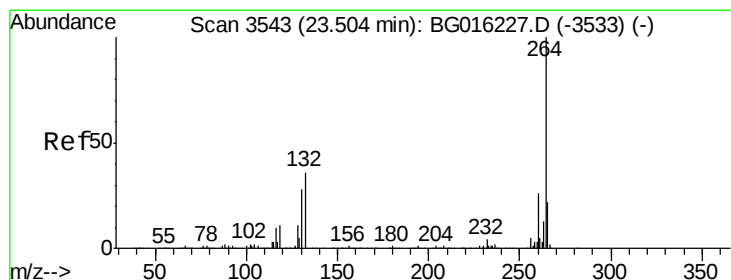
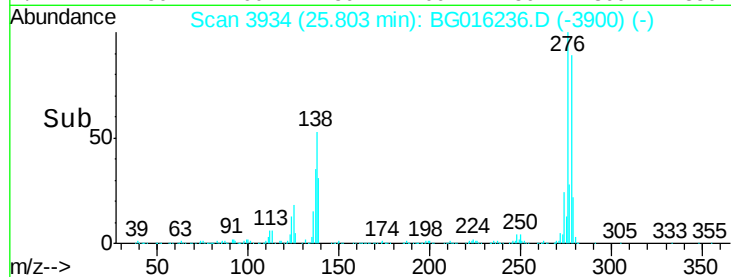
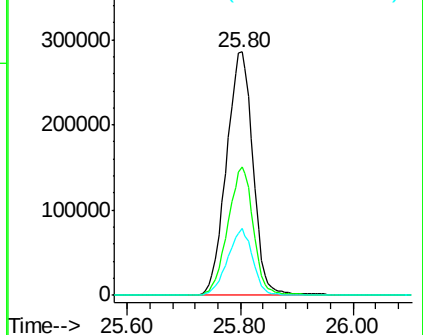
277 26.0 21.0 31.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.51 min Scan# 3543

Delta R.T. 0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

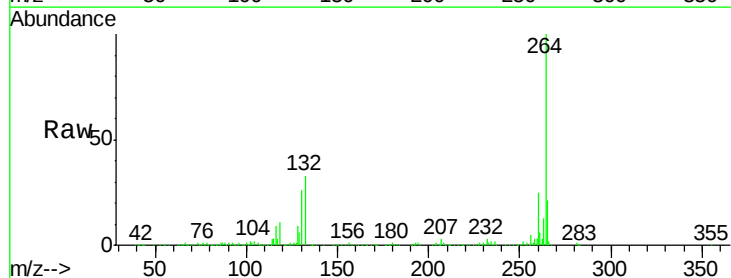
Tgt Ion:264 Resp: 342452

Ion Ratio Lower Upper

264 100

260 25.1 20.4 30.6

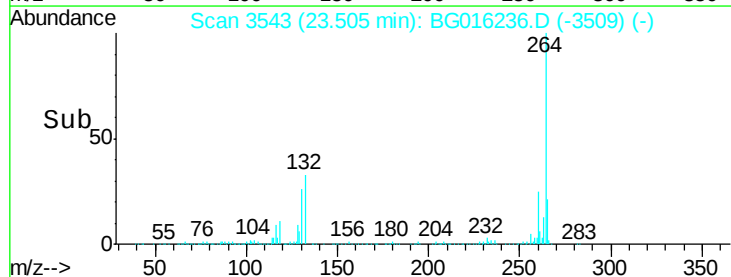
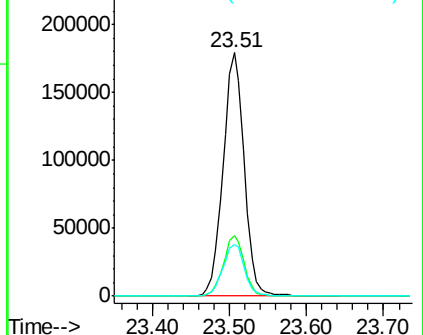
265 21.5 17.2 25.8

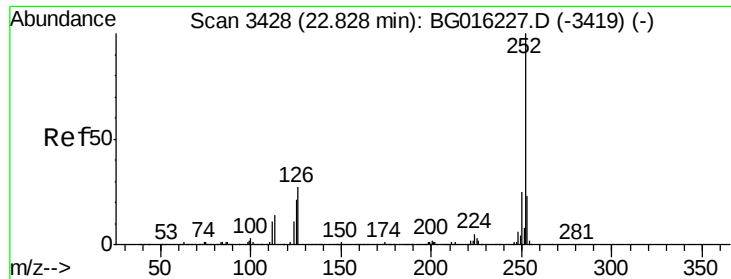


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 42.12 ng

RT: 22.83 min Scan# 3428

Delta R.T. 0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

Instrument :

BNA_G

ClientSampleId :

LS-SW01MS

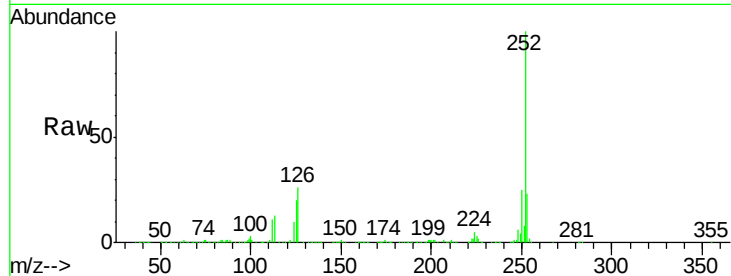
Tgt Ion:252 Resp: 844800

Ion Ratio Lower Upper

252 100

253 23.4 18.5 27.7

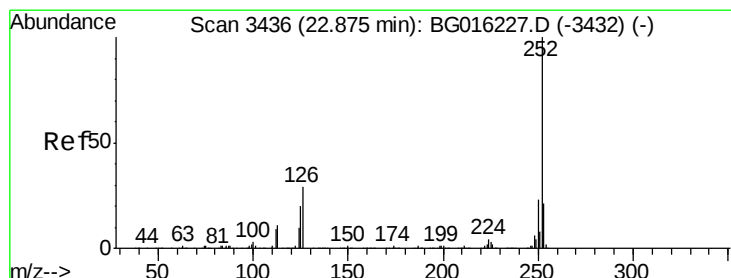
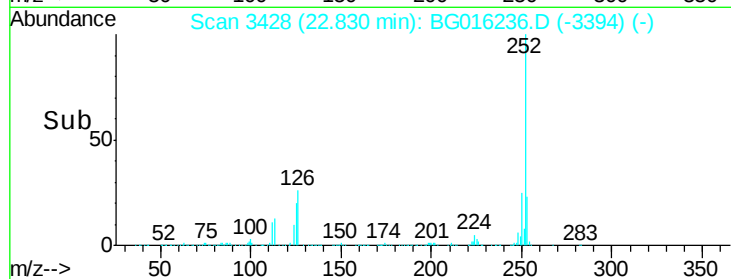
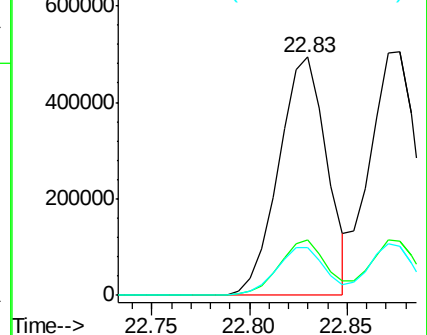
125 20.0 17.0 25.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.00 ng

RT: 22.88 min Scan# 3436

Delta R.T. 0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

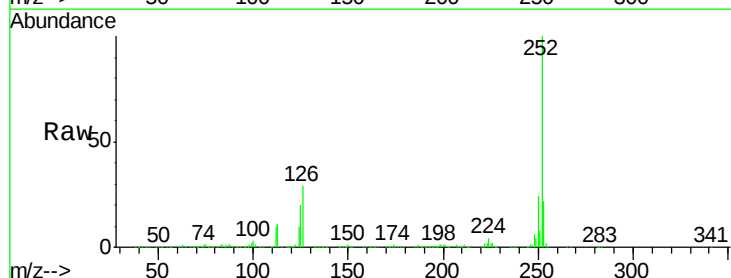
Tgt Ion:252 Resp: 863661

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

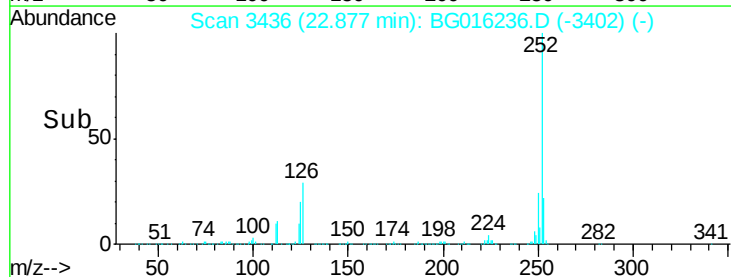
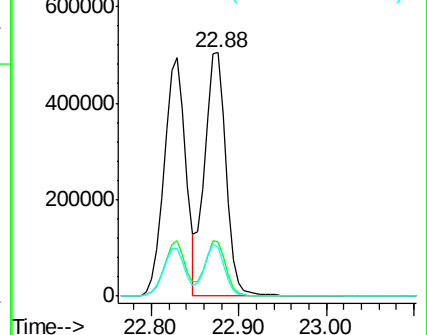
125 20.3 16.3 24.5

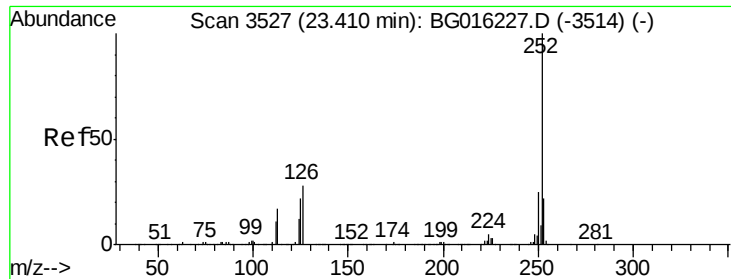


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 44.13 ng

RT: 23.41 min Scan# 3526

Delta R.T. -0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

Instrument :

BNA_G

ClientSampleId :

LS-SW01MS

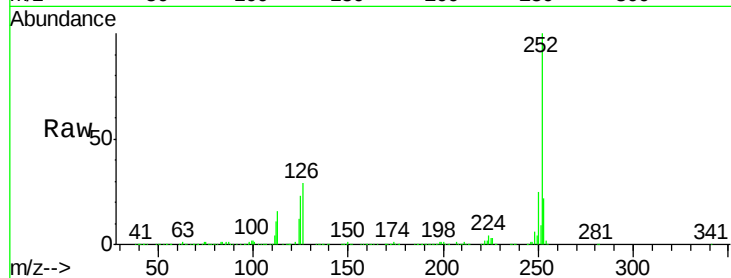
Tgt Ion:252 Resp: 829499

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

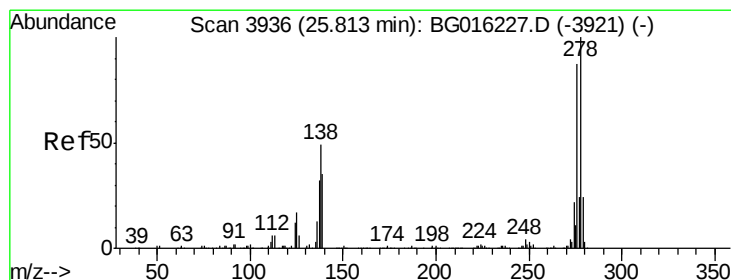
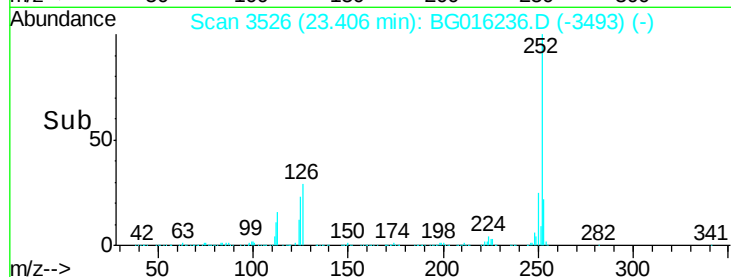
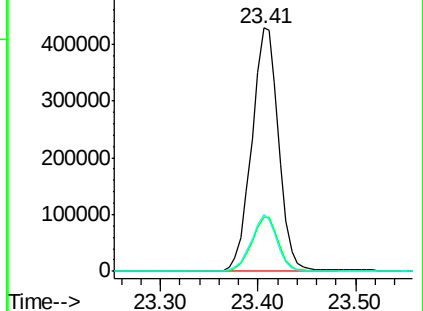
125 23.3 17.6 26.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.74 ng

RT: 25.81 min Scan# 3936

Delta R.T. 0.00 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

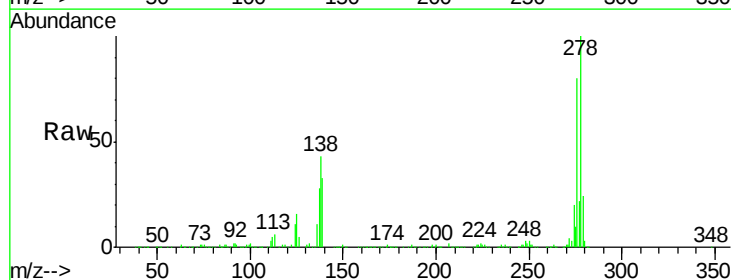
Tgt Ion:278 Resp: 781802

Ion Ratio Lower Upper

278 100

139 32.7 27.9 41.9

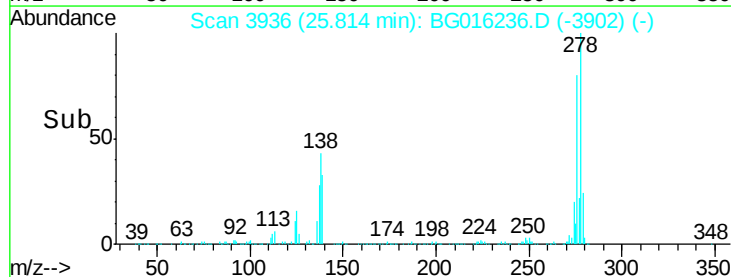
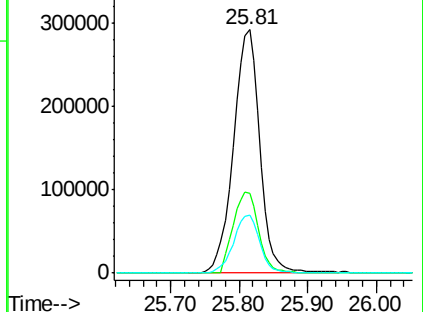
279 24.0 19.5 29.3

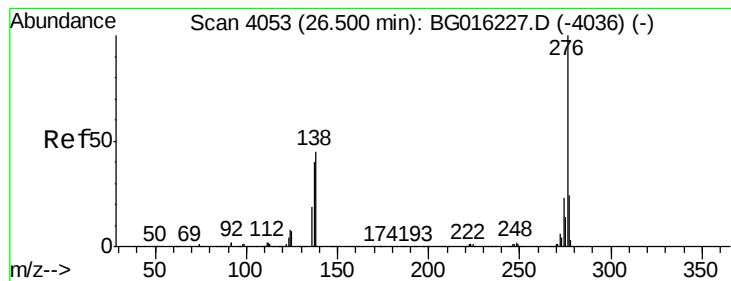


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 43.70 ng

RT: 26.51 min Scan# 4054

Delta R.T. 0.01 min

Lab File: BG016236.D

Acq: 6 Apr 2015 22:34

Instrument :

BNA_G

ClientSampleId :

LS-SW01MS

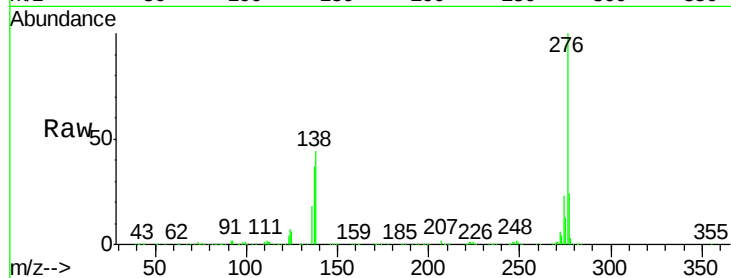
Tgt Ion: 276 Resp: 798474

Ion Ratio Lower Upper

276 100

277 23.9 19.5 29.3

138 44.2 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

