

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032515\
 Data File : BG016124.D
 Acq On : 26 Mar 2015 4:55
 Operator : TP/IZ
 Sample : PB82242BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82242BS

Quant Time: Mar 26 05:49:26 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 02:10:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	59821	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	257371	20.00	ng	0.00
38) Acenaphthene-d10	14.42	164	152662	20.00	ng	0.00
63) Phenanthrene-d10	17.15	188	326055	20.00	ng	0.00
75) Chrysene-d12	21.33	240	389853	20.00	ng	0.00
86) Perylene-d12	23.61	264	372281	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	432285	124.53	ng	0.00
7) Phenol-d6	6.96	99	583472	119.04	ng	0.00
23) Nitrobenzene-d5	8.95	82	298072	72.55	ng	0.00
41) 2,4,6-Tribromophenol	15.90	330	199498	112.12	ng	0.00
44) 2-Fluorobiphenyl	13.04	172	709799	80.72	ng	0.00
78) Terphenyl-d14	19.78	244	1146275	78.67	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	48329	32.90	ng	92
3) Pyridine	3.69	79	136990	30.32	ng	95
4) n-Nitrosodimethylamine	3.61	42	45625	34.36	ng	96
6) Aniline	7.12	93	174860	24.63	ng	98
8) 2-Chlorophenol	7.36	128	167326	39.45	ng	97
9) Benzaldehyde	6.94	77	8780	4.23	ng	93
10) Phenol	6.99	94	221280	40.47	ng	97
11) bis(2-Chloroethyl)ether	7.22	93	155401	35.04	ng	99
12) 1,3-Dichlorobenzene	7.68	146	162098	35.37	ng	99
13) 1,4-Dichlorobenzene	7.83	146	165849	34.88	ng	97
14) 1,2-Dichlorobenzene	8.14	146	158187	35.19	ng	100
15) Benzyl Alcohol	8.03	79	127981	34.80	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.32	45	160412	32.18	ng	97
17) 2-Methylphenol	8.23	107	144538	37.48	ng	99
18) Hexachloroethane	8.86	117	58803	34.51	ng	98
19) n-Nitroso-di-n-propylamine	8.59	70	113740	31.21	ng	98
20) 3+4-Methylphenols	8.55	107	193865	37.06	ng	99
22) Acetophenone	8.61	105	214127	36.99	ng	# 99
24) Nitrobenzene	8.99	77	160139	35.83	ng	96
25) Isophorone	9.50	82	313410	33.28	ng	98
26) 2-Nitrophenol	9.69	139	89132	36.82	ng	99
27) 2,4-Dimethylphenol	9.75	122	163829	40.35	ng	100
28) bis(2-Chloroethoxy)methane	9.99	93	198939	36.79	ng	100
29) 2,4-Dichlorophenol	10.23	162	149027	41.75	ng	99
30) 1,2,4-Trichlorobenzene	10.44	180	140521	36.56	ng	98
31) Naphthalene	10.63	128	489684	35.50	ng	100
32) Benzoic acid	9.88	122	89591	34.31	ng	93
33) 4-Chloroaniline	10.74	127	83654	13.85	ng	98
34) Hexachlorobutadiene	10.91	225	73142	34.98	ng	98
35) Caprolactam	11.50	113	31880	16.45	ng	92
36) 4-Chloro-3-methylphenol	11.86	107	158533	37.65	ng	98
37) 2-Methylnaphthalene	12.24	142	356485	36.20	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.61	216	148649	38.66	ng	99
40) Hexachlorocyclopentadiene	12.59	237	186854	83.12	ng	98

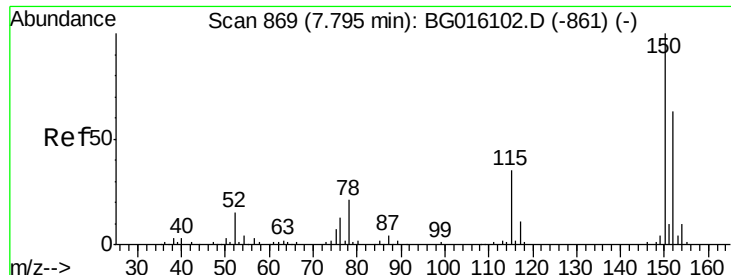
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032515\
 Data File : BG016124.D
 Acq On : 26 Mar 2015 4:55
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.85	196	105559	38.43	ng	97
43) 2,4,5-Trichlorophenol	12.92	196	115540	38.57	ng	100
45) 1,1'-Biphenyl	13.25	154	425480	38.01	ng	98
46) 2-Chloronaphthalene	13.29	162	323525	37.05	ng	99
47) 2-Nitroaniline	13.50	65	92153	36.74	ng	98
48) Acenaphthylene	14.14	152	563336	35.30	ng	99
49) Dimethylphthalate	13.88	163	397148	37.10	ng	100
50) 2,6-Dinitrotoluene	13.99	165	97475	38.39	ng	98
51) Acenaphthene	14.48	154	343913	35.73	ng	98
52) 3-Nitroaniline	14.32	138	73220	23.55	ng	96
53) 2,4-Dinitrophenol	14.53	184	119579	77.62	ng	96
54) Dibenzofuran	14.82	168	511169	38.01	ng	99
55) 4-Nitrophenol	14.63	139	205706	81.68	ng	99
56) 2,4-Dinitrotoluene	14.78	165	136055	39.11	ng	96
57) Fluorene	15.46	166	435076	36.26	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.04	232	103904	38.92	ng	98
59) Diethylphthalate	15.24	149	405192	36.81	ng	99
60) 4-Chlorophenyl-phenylether	15.46	204	195062	36.95	ng	97
61) 4-Nitroaniline	15.48	138	130511	37.10	ng	95
62) Azobenzene	15.75	77	404402	35.67	ng	99
64) 4,6-Dinitro-2-methylphenol	15.54	198	81896	36.56	ng	98
65) n-Nitrosodiphenylamine	15.67	169	380201	36.57	ng	98
66) 4-Bromophenyl-phenylether	16.35	248	122896	36.73	ng	99
67) Hexachlorobenzene	16.46	284	135300	35.98	ng	96
68) Atrazine	16.62	200	130504	42.19	ng	99
69) Pentachlorophenol	16.81	266	182895	85.30	ng	98
70) Phenanthrene	17.19	178	674369	36.86	ng	99
71) Anthracene	17.29	178	678224	37.27	ng	99
72) Carbazole	17.56	167	701045	39.26	ng	99
73) Di-n-butylphthalate	18.12	149	815816	40.40	ng	99
74) Fluoranthene	19.21	202	822121	40.34	ng	99
76) Benzidine	19.40	184	353328	34.59	ng	100
77) Pyrene	19.57	202	861667	35.85	ng	100
79) Butylbenzylphthalate	20.47	149	393081	39.21	ng	99
80) Benzo(a)anthracene	21.31	228	807660	36.53	ng	99
81) 3,3'-Dichlorobenzidine	21.25	252	168426	21.91	ng	99
82) Chrysene	21.37	228	763703	37.70	ng	99
83) Bis(2-ethylhexyl)phthalate	21.24	149	522637	37.96	ng	100
84) Di-n-octyl phthalate	22.12	149	875027	37.69	ng	99
85) Indeno(1,2,3-cd)pyrene	25.95	276	911896	35.01	ng	100
87) Benzo(b)fluoranthene	22.92	252	810142	37.60	ng	98
88) Benzo(k)fluoranthene	22.96	252	748127	35.65	ng	99
89) Benzo(a)pyrene	23.52	252	764651	38.06	ng	98
90) Dibenzo(a,h)anthracene	25.96	278	761117	36.36	ng	99
91) Benzo(g,h,i)perylene	26.68	276	749789	36.14	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.80 min Scan# 869

Delta R.T. 0.00 min

Lab File: BG016124.D

Acq: 26 Mar 2015 4:55

Instrument :

BNA_G

ClientSampleId :

PB82242BS

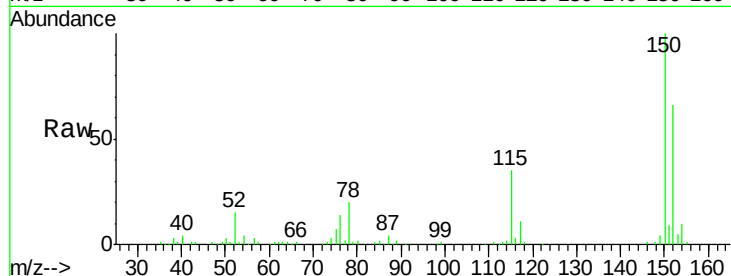
Tgt Ion:152 Resp: 59821

Ion Ratio Lower Upper

152 100

150 152.3 126.1 189.1

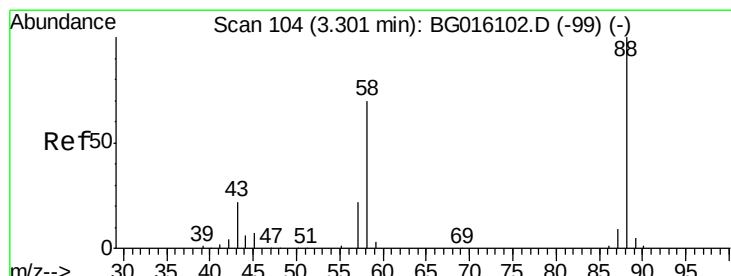
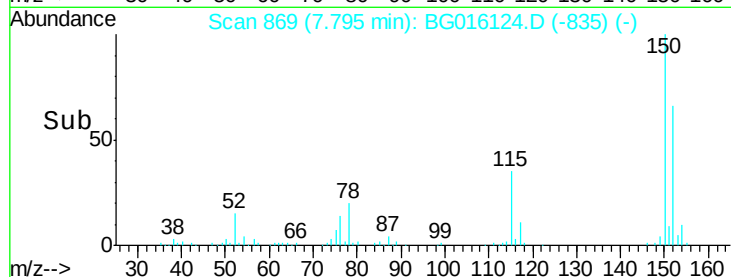
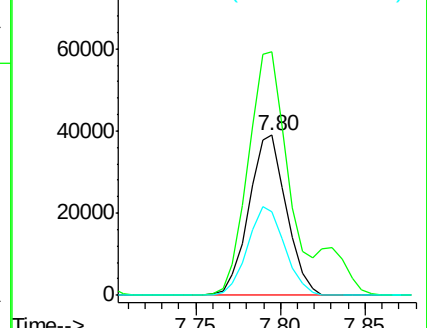
115 52.7 43.7 65.5



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: 32.90 ng

RT: 3.30 min Scan# 104

Delta R.T. 0.00 min

Lab File: BG016124.D

Acq: 26 Mar 2015 4:55

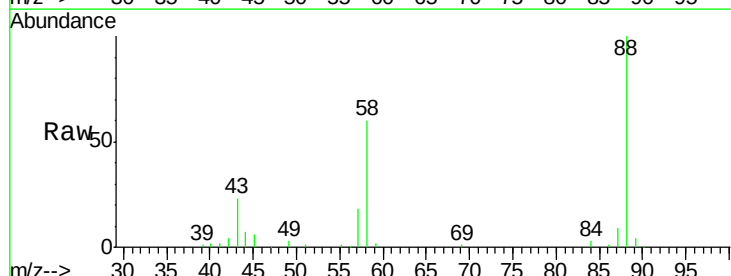
Tgt Ion: 88 Resp: 48329

Ion Ratio Lower Upper

88 100

58 59.5 54.2 81.4

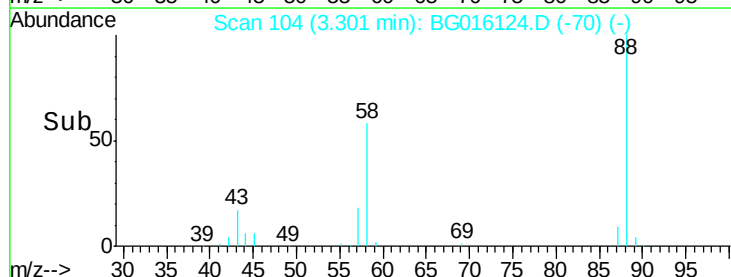
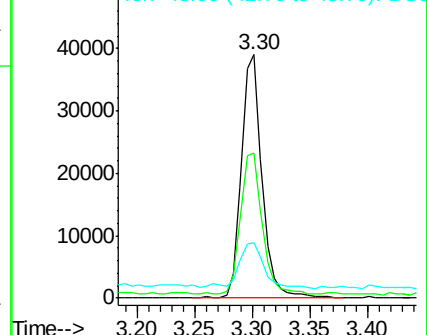
43 22.9 17.4 26.2

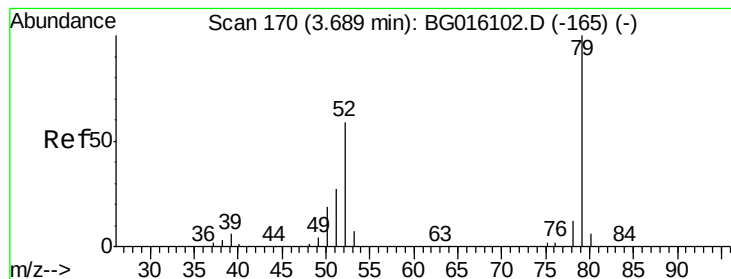


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 30.32 ng

RT: 3.69 min Scan# 170

Delta R.T. 0.00 min

Lab File: BG016124.D

Acq: 26 Mar 2015 4:55

Instrument :

BNA_G

ClientSampleId :

PB82242BS

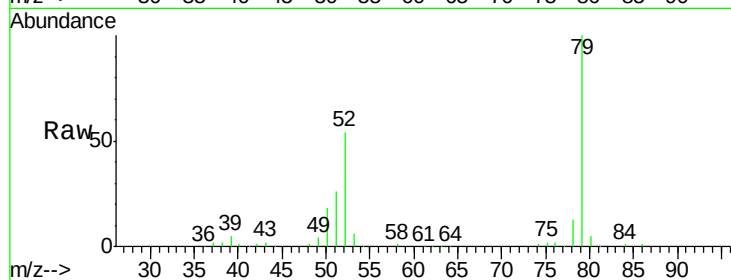
Tgt Ion: 79 Resp: 136990

Ion Ratio Lower Upper

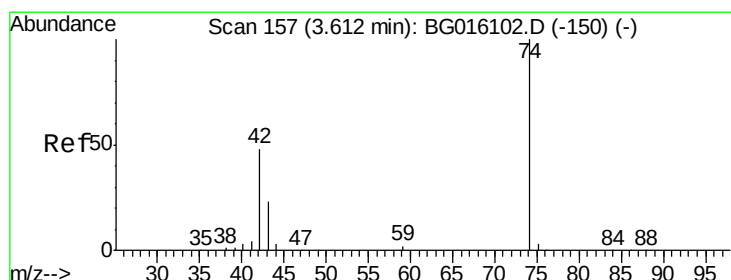
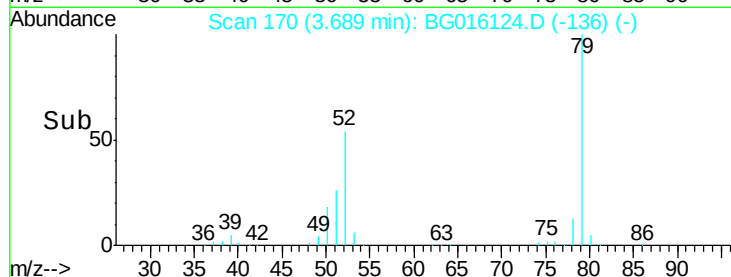
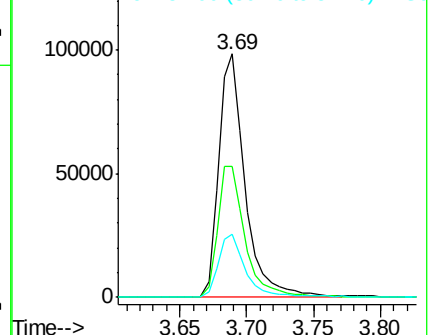
79 100

52 53.8 47.0 70.4

51 25.8 21.9 32.9



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 34.36 ng

RT: 3.61 min Scan# 156

Delta R.T. -0.01 min

Lab File: BG016124.D

Acq: 26 Mar 2015 4:55

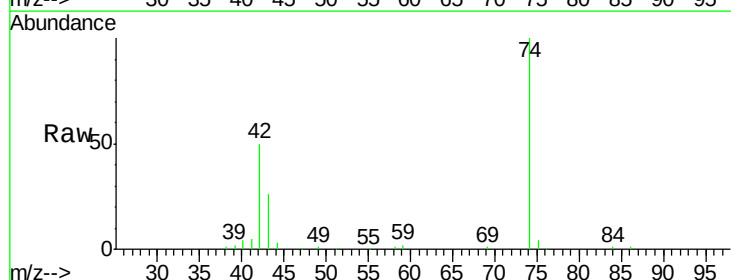
Tgt Ion: 42 Resp: 45625

Ion Ratio Lower Upper

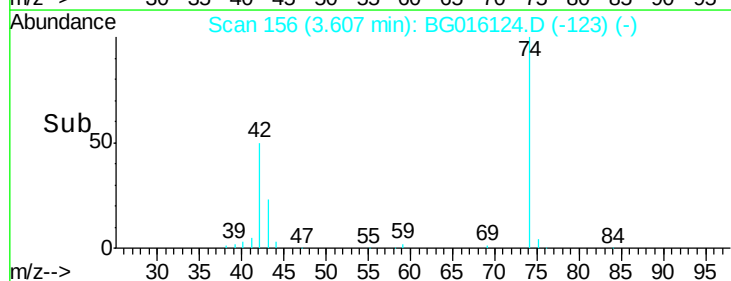
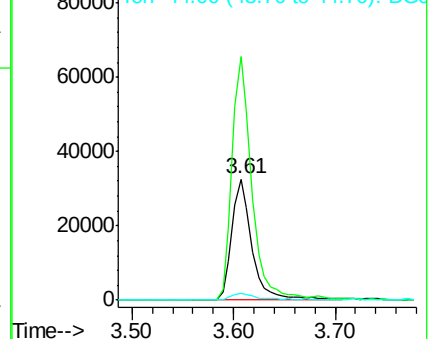
42 100

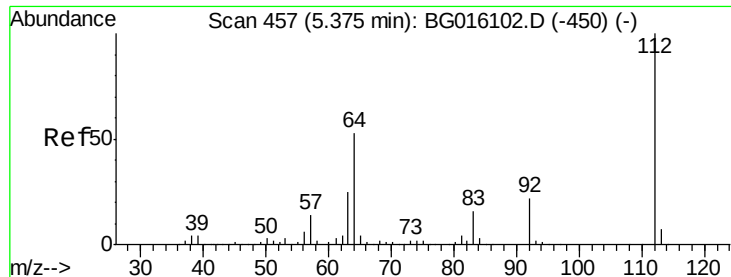
74 200.8 165.3 247.9

44 6.1 5.3 7.9



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 124.53 ng

RT: 5.38 min Scan# 458

Delta R.T. 0.01 min

Lab File: BG016124.D

Acq: 26 Mar 2015 4:55

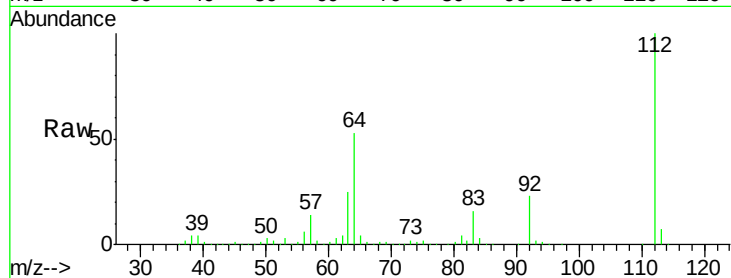
Instrument :

BNA_G

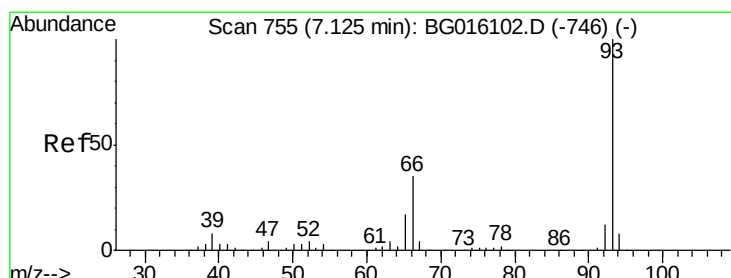
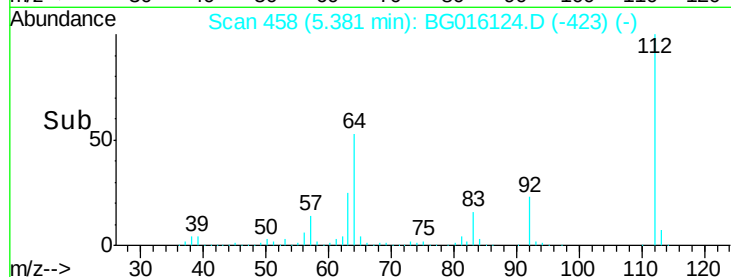
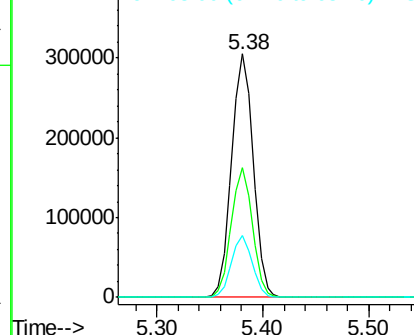
ClientSampleId :

PB82242BS

Tgt Ion:	112	Resp:	432285
Ion	Ratio	Lower	Upper
112	100		
64	53.1	42.6	64.0
63	25.2	19.9	29.9



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



#6

Aniline

Concen: 24.63 ng

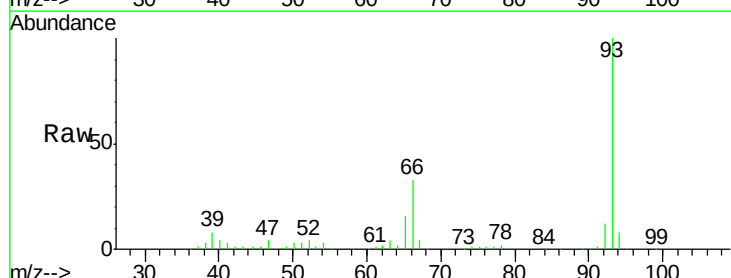
RT: 7.12 min Scan# 754

Delta R.T. -0.01 min

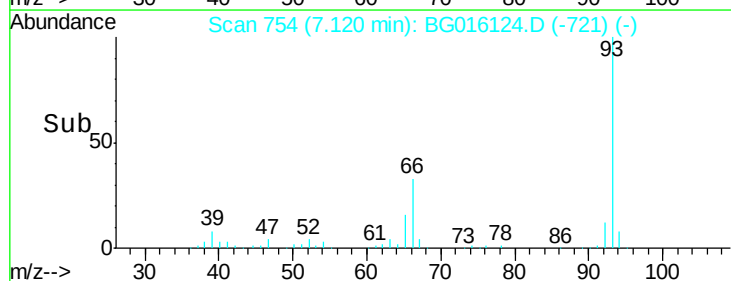
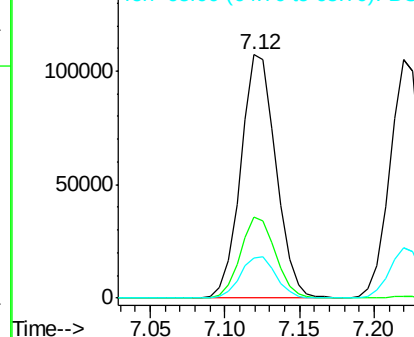
Lab File: BG016124.D

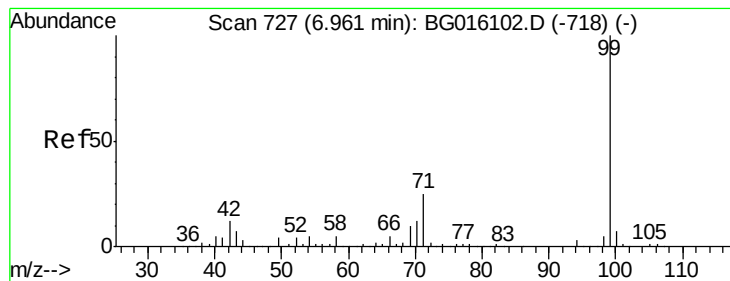
Acq: 26 Mar 2015 4:55

Tgt Ion:	93	Resp:	174860
Ion	Ratio	Lower	Upper
93	100		
66	33.4	27.8	41.6
65	16.3	13.9	20.9



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





#7

Phenol-d6

Concen: 119.04 ng

RT: 6.96 min Scan# 727

Delta R.T. 0.00 min

Lab File: BG016124.D

Acq: 26 Mar 2015 4:55

Instrument :

BNA_G

ClientSampleId :

PB82242BS

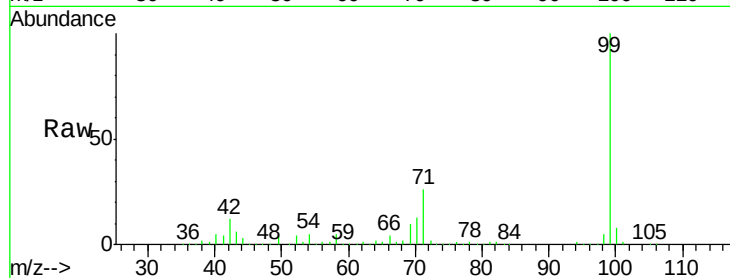
Tgt Ion: 99 Resp: 583472

Ion Ratio Lower Upper

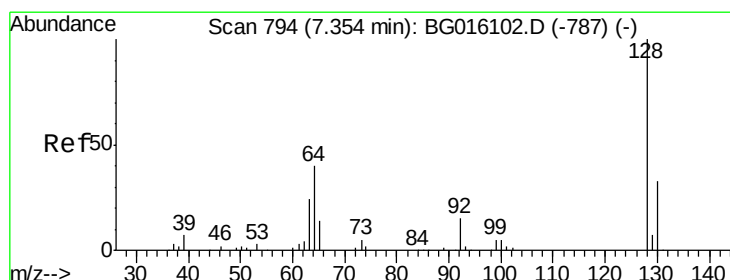
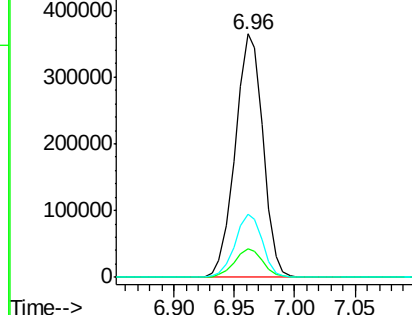
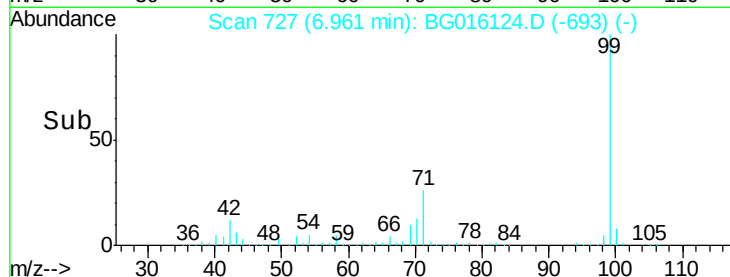
99 100

42 11.6 9.4 14.0

71 25.9 19.9 29.9



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: 39.45 ng

RT: 7.36 min Scan# 795

Delta R.T. 0.01 min

Lab File: BG016124.D

Acq: 26 Mar 2015 4:55

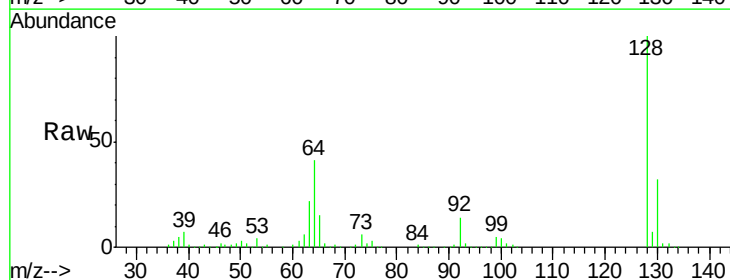
Tgt Ion: 128 Resp: 167326

Ion Ratio Lower Upper

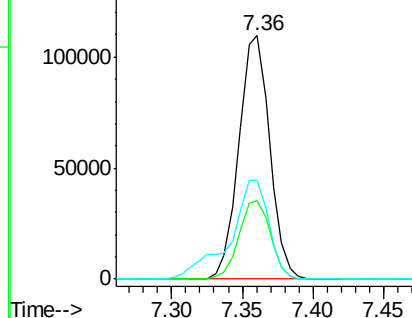
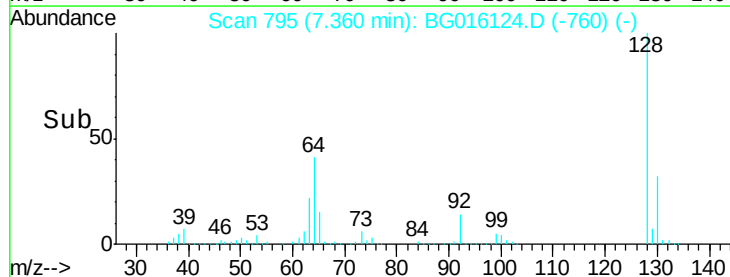
128 100

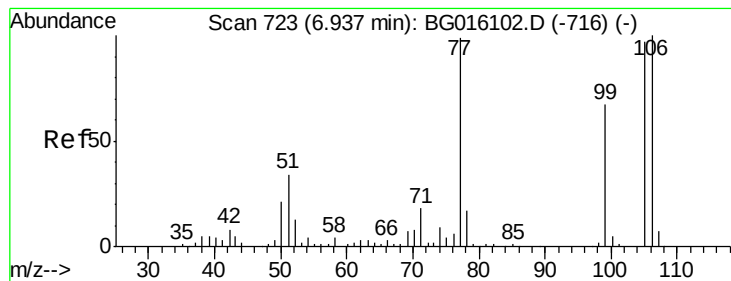
130 32.4 12.5 52.5

64 40.7 23.4 63.4



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: 4.23 ng

RT: 6.94 min Scan# 723

Delta R.T. 0.00 min

Lab File: BG016124.D

Acq: 26 Mar 2015 4:55

Instrument :

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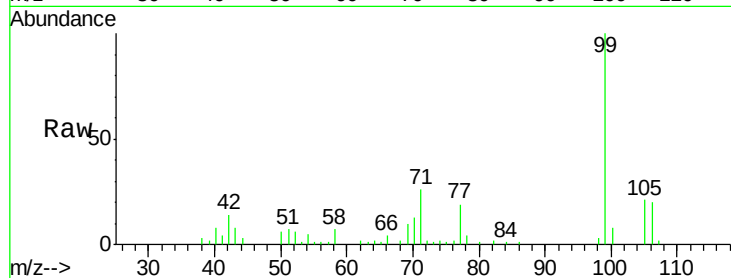
Tgt Ion: 77 Resp: 8780

Ion Ratio Lower Upper

77 100

105 110.1 78.1 118.1

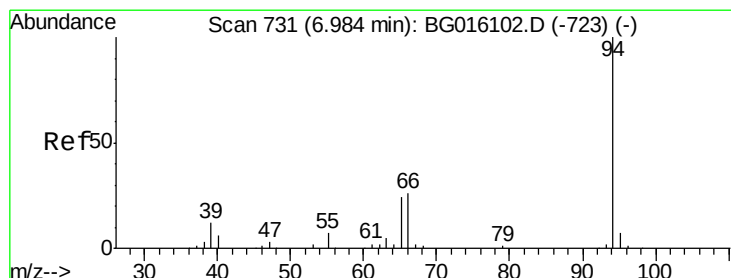
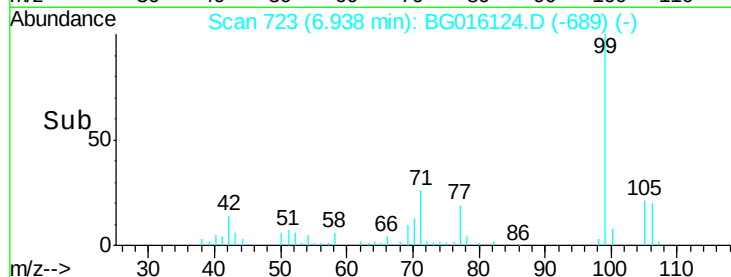
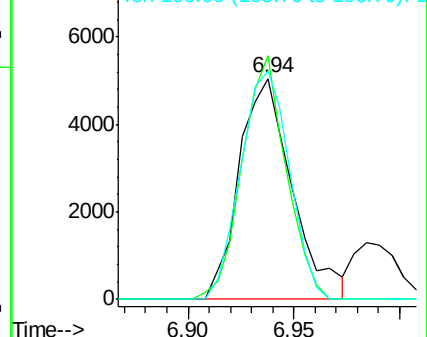
106 103.2 81.0 121.0



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: 40.47 ng

RT: 6.99 min Scan# 732

Delta R.T. 0.01 min

Lab File: BG016124.D

Acq: 26 Mar 2015 4:55

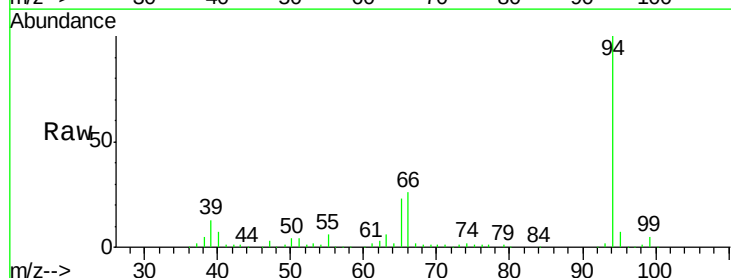
Tgt Ion: 94 Resp: 221280

Ion Ratio Lower Upper

94 100

65 22.7 4.0 44.0

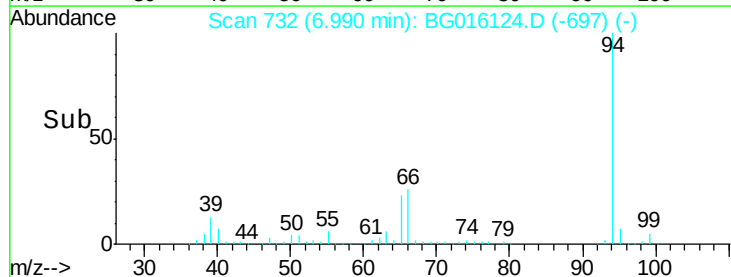
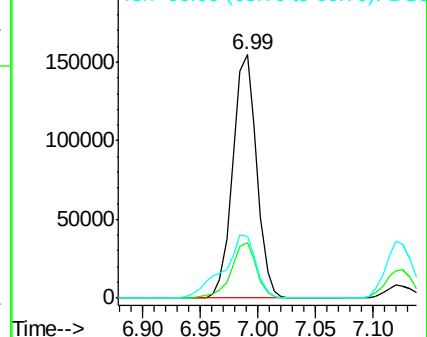
66 25.6 7.4 47.4

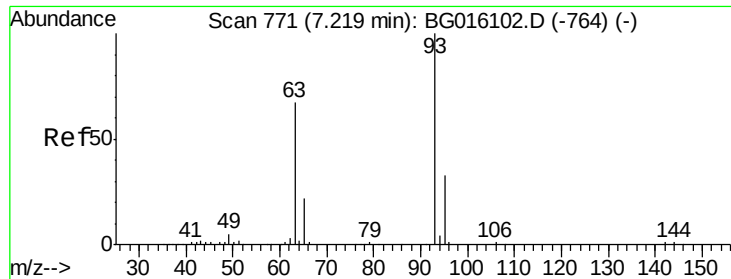


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

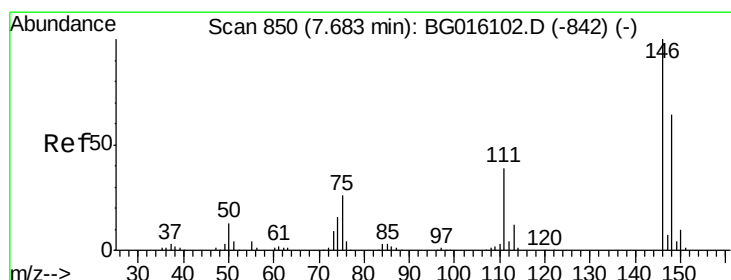
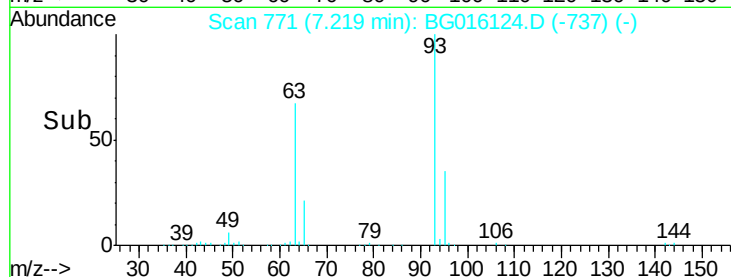
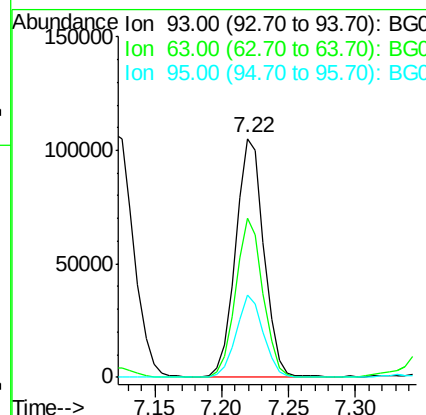
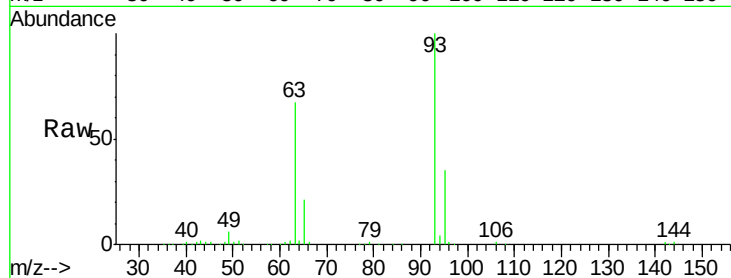




#11
 bis(2-Chloroethyl)ether
 Concen: 35.04 ng
 RT: 7.22 min Scan# 771
 Delta R.T. 0.00 min
 Lab File: BG016124.D
 Acq: 26 Mar 2015 4:55

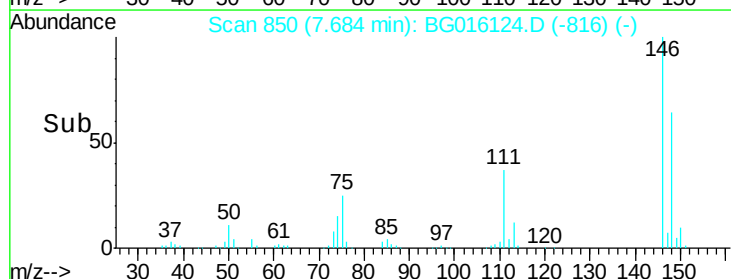
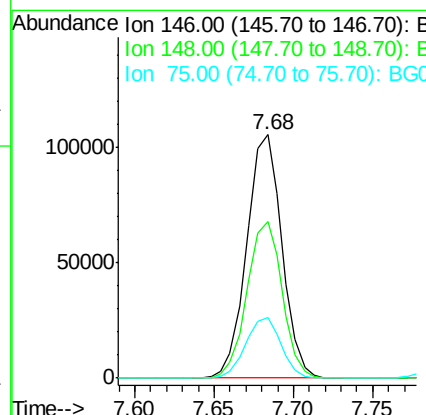
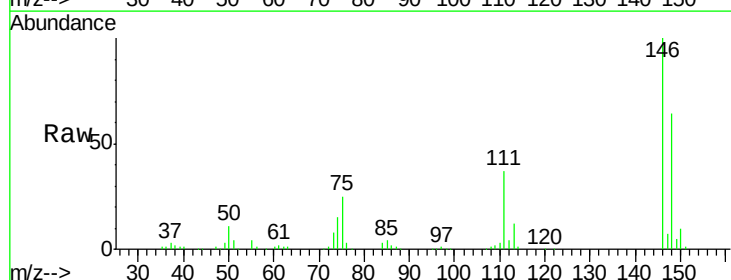
Instrument :
 BNA_G
 ClientSampleId :
 PB82242BS

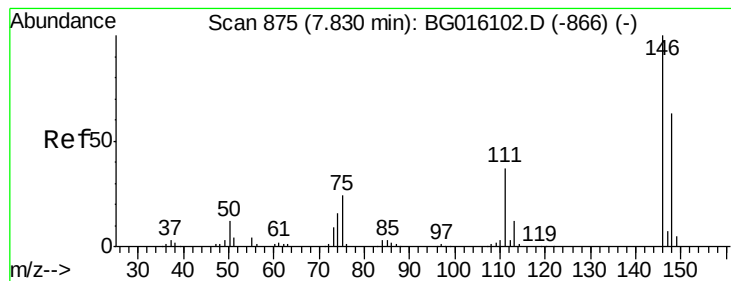
Tgt Ion:	93	Resp:	155401
Ion	Ratio	Lower	Upper
93	100		
63	66.7	46.5	86.5
95	34.6	12.5	52.5



#12
 1,3-Dichlorobenzene
 Concen: 35.37 ng
 RT: 7.68 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BG016124.D
 Acq: 26 Mar 2015 4:55

Tgt Ion:	146	Resp:	162098
Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.2	76.8
75	24.9	20.5	30.7

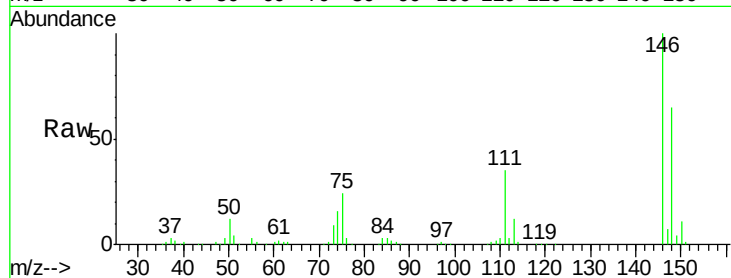




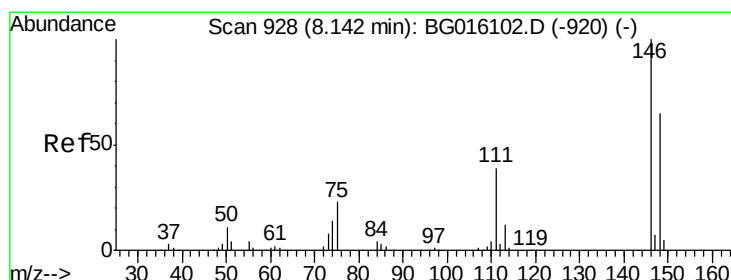
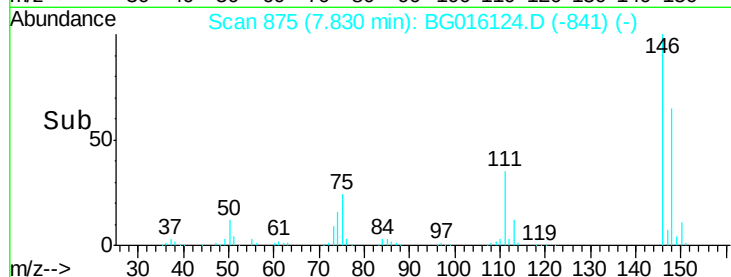
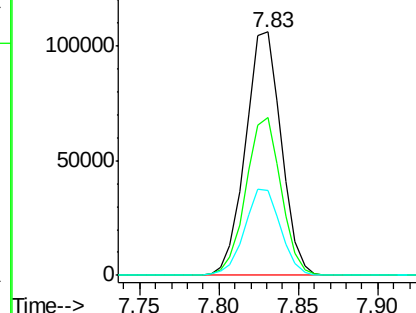
#13
 1,4-Dichlorobenzene
 Concen: 34.88 ng
 RT: 7.83 min Scan# 875
 Delta R.T. 0.00 min
 Lab File: BG016124.D
 Acq: 26 Mar 2015 4:55

Instrument :
 BNA_G
 ClientSampleId :
 PB82242BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.3	75.5
111	35.1	29.5	44.3

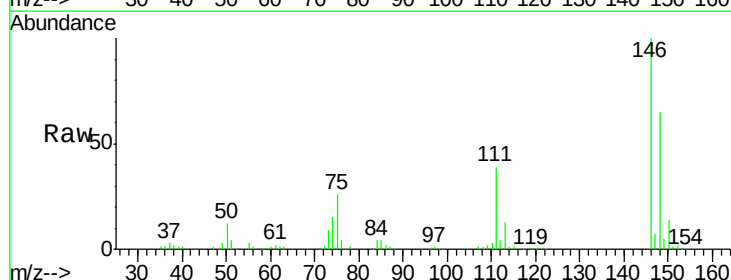


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

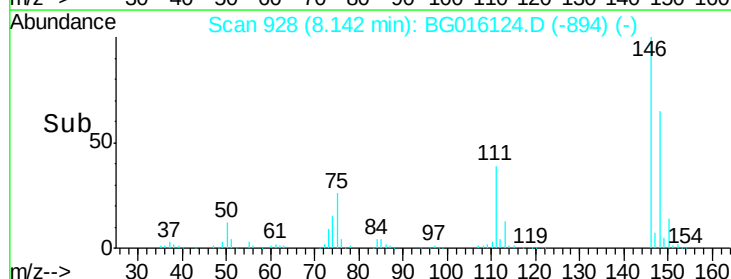
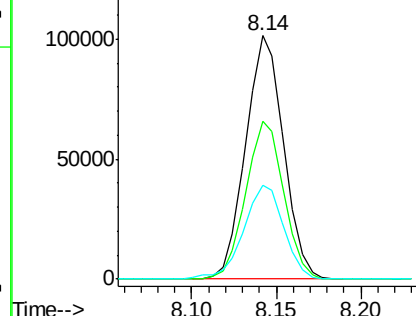


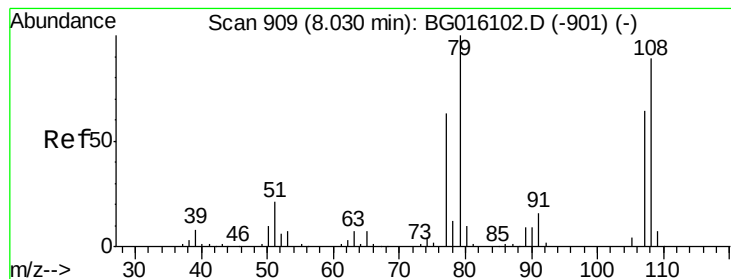
#14
 1,2-Dichlorobenzene
 Concen: 35.19 ng
 RT: 8.14 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: BG016124.D
 Acq: 26 Mar 2015 4:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.8
111	38.7	31.4	47.2



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





#15

Benzyl Alcohol

Concen: 34.80 ng

RT: 8.03 min Scan# 909

Delta R.T. 0.00 min

Lab File: BG016124.D

Acq: 26 Mar 2015 4:55

Instrument :

BNA_G

ClientSampled :

PB82242BS

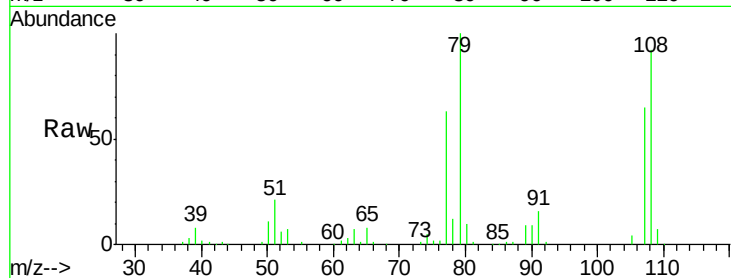
Tgt Ion: 79 Resp: 127981

Ion Ratio Lower Upper

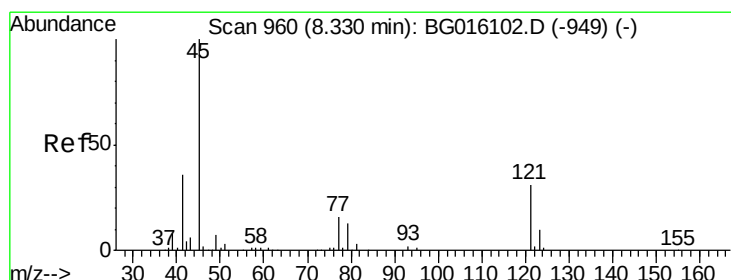
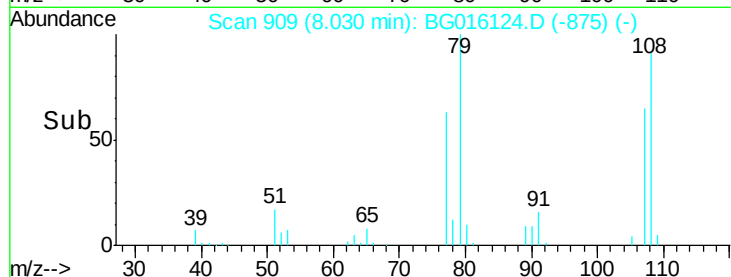
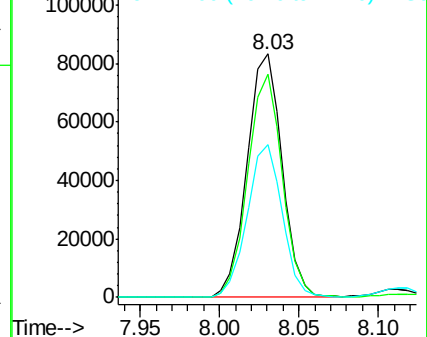
79 100

108 91.5 71.4 107.0

77 62.8 50.1 75.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.18 ng

RT: 8.32 min Scan# 959

Delta R.T. -0.01 min

Lab File: BG016124.D

Acq: 26 Mar 2015 4:55

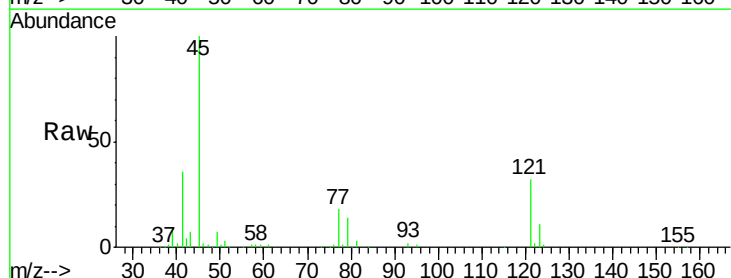
Tgt Ion: 45 Resp: 160412

Ion Ratio Lower Upper

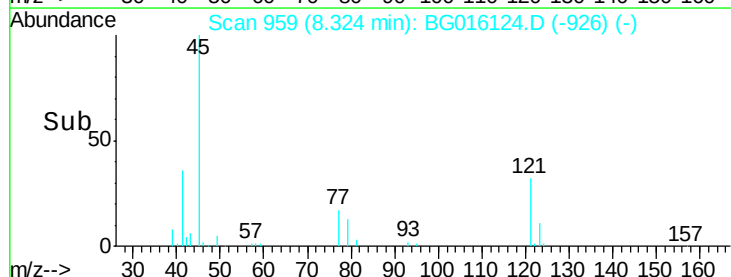
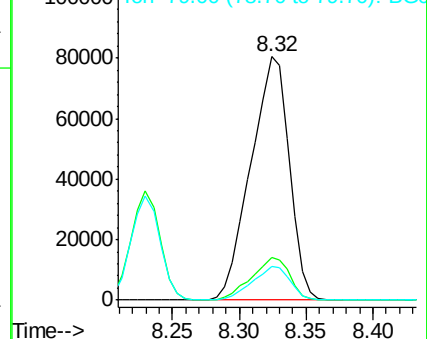
45 100

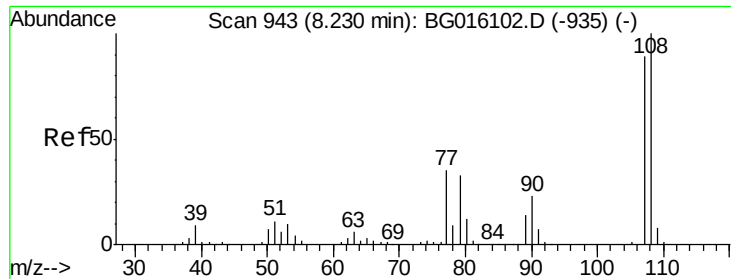
77 17.7 0.0 36.3

79 14.1 0.0 33.3



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

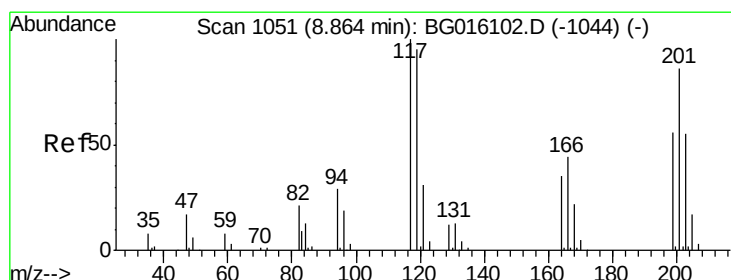
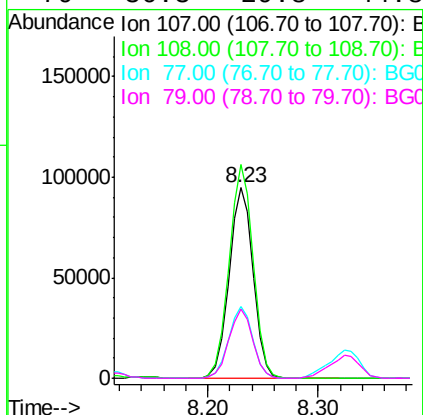
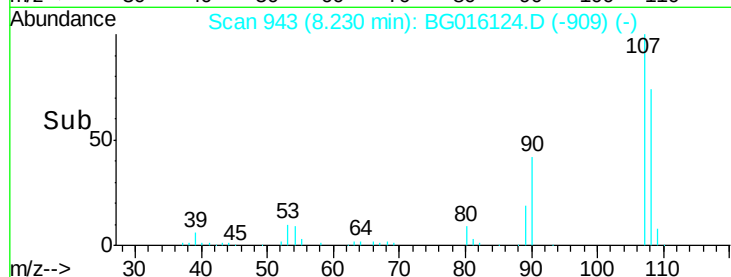
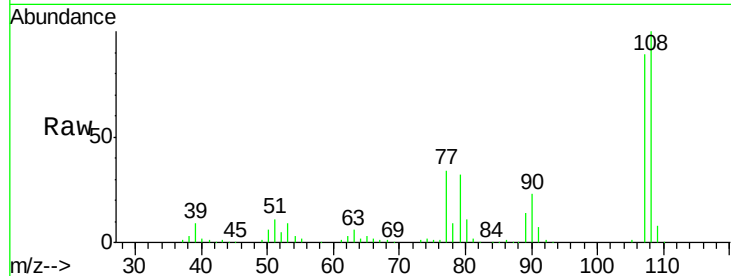




#17
2-Methylphenol
Concen: 37.48 ng
RT: 8.23 min Scan# 943
Delta R.T. 0.00 min
Lab File: BG016124.D
Acq: 26 Mar 2015 4:55

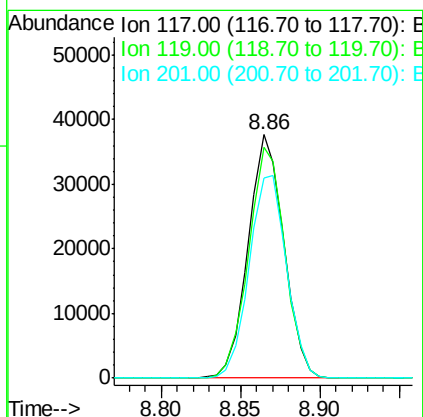
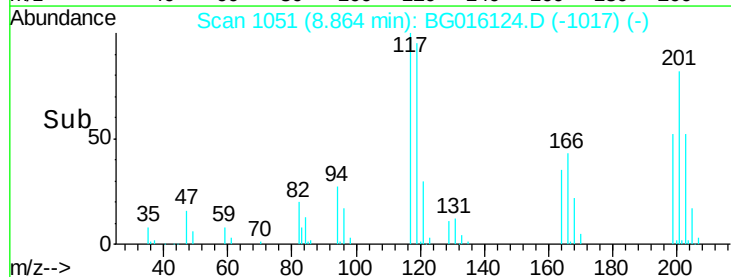
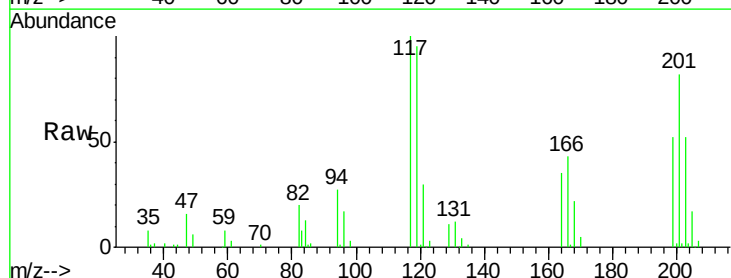
Instrument :
BNA_G
ClientSampleId :
PB82242BS

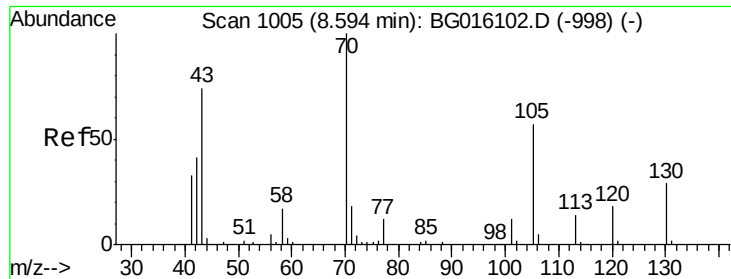
Tgt Ion:107 Resp: 144538
Ion Ratio Lower Upper
107 100
108 112.1 89.4 134.2
77 38.0 31.4 47.2
79 36.3 29.8 44.8



#18
Hexachloroethane
Concen: 34.51 ng
RT: 8.86 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BG016124.D
Acq: 26 Mar 2015 4:55

Tgt Ion:117 Resp: 58803
Ion Ratio Lower Upper
117 100
119 94.8 76.4 114.6
201 82.0 68.6 102.8

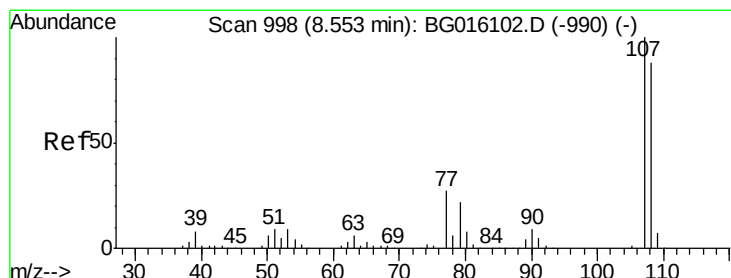
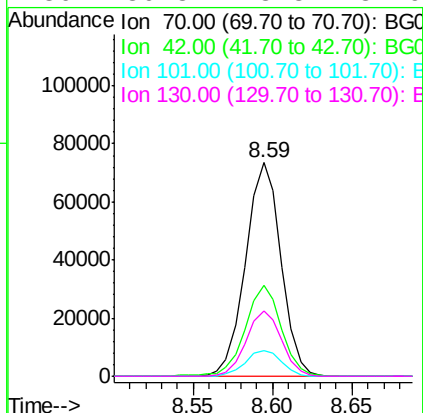
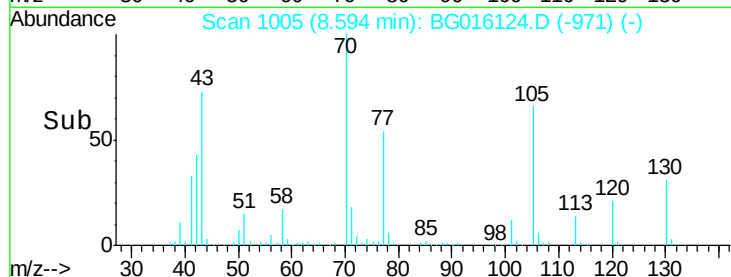
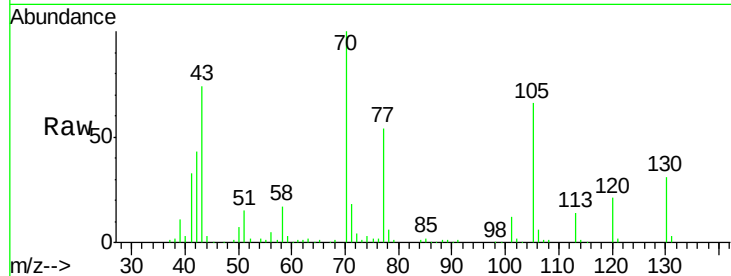




#19
n-Nitroso-di-n-propylamine
Concen: 31.21 ng
RT: 8.59 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BG016124.D
Acq: 26 Mar 2015 4:55

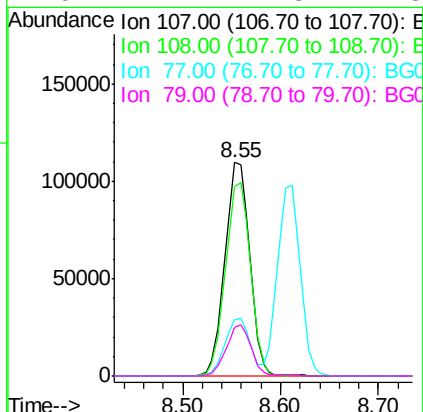
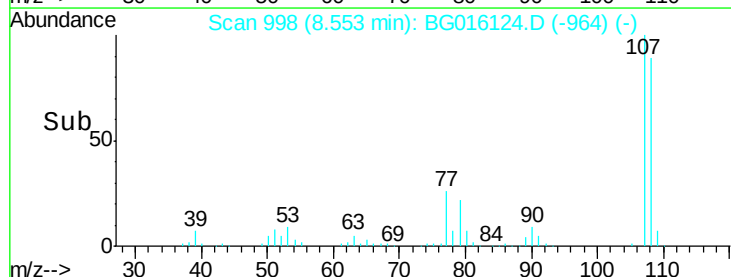
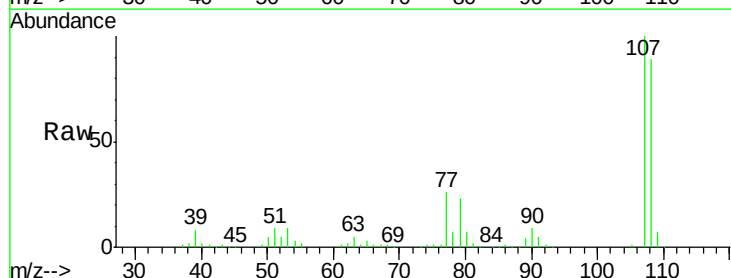
Instrument :
BNA_G
ClientSampleId :
PB82242BS

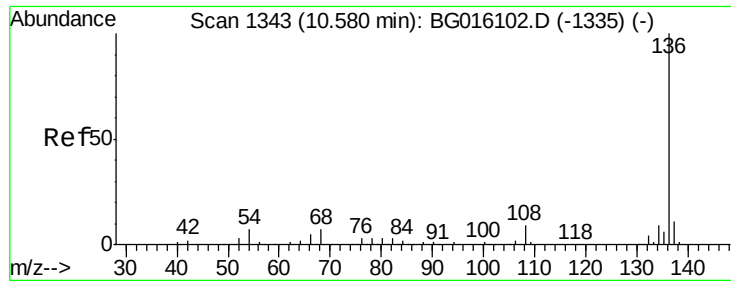
Tgt Ion: 70 Resp: 113740
Ion Ratio Lower Upper
70 100
42 42.7 33.4 50.2
101 12.3 9.6 14.4
130 30.8 23.3 34.9



#20
3+4-Methylphenols
Concen: 37.06 ng
RT: 8.55 min Scan# 998
Delta R.T. 0.00 min
Lab File: BG016124.D
Acq: 26 Mar 2015 4:55

Tgt Ion: 107 Resp: 193865
Ion Ratio Lower Upper
107 100
108 88.5 68.4 108.4
77 26.1 6.9 46.9
79 22.7 2.3 42.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.58 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BG016124.D

Acq: 26 Mar 2015 4:55

Instrument :

BNA_G

ClientSampleId :

PB82242BS

Tgt Ion:136 Resp: 257371

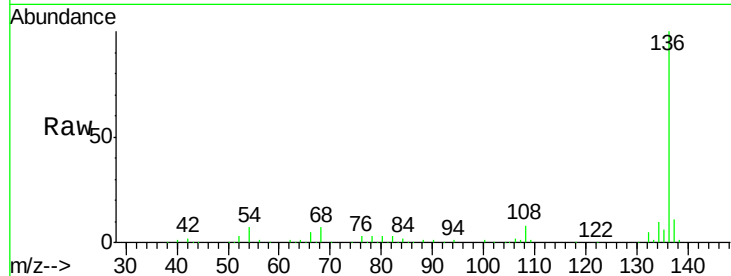
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 6.7 5.5 8.3

68 7.3 6.0 9.0

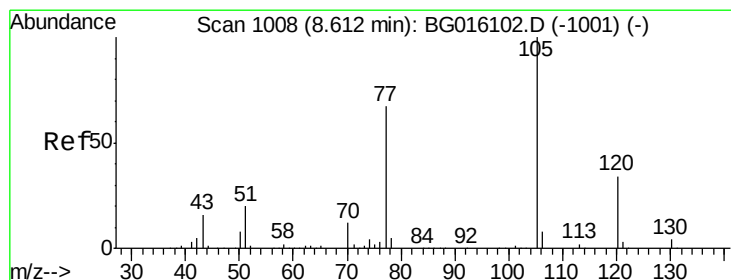
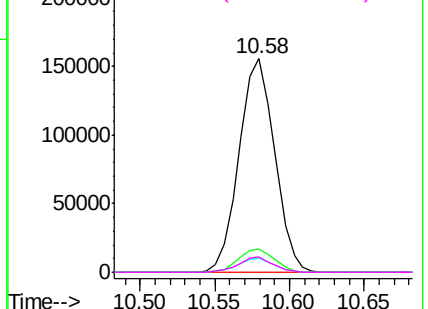
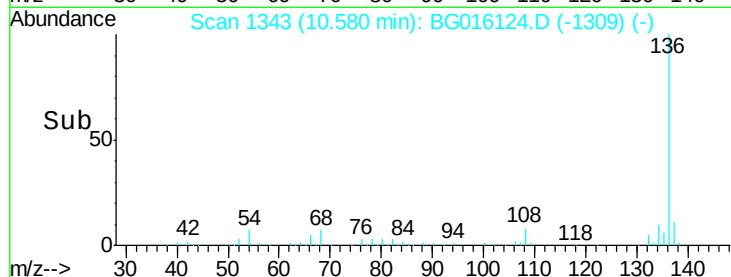


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.99 ng

RT: 8.61 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BG016124.D

Acq: 26 Mar 2015 4:55

Tgt Ion:105 Resp: 214127

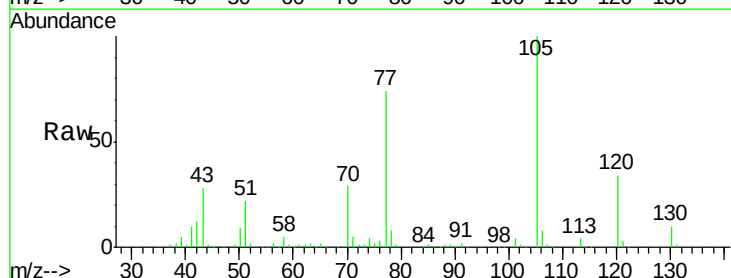
Ion Ratio Lower Upper

105 100

71 4.8 2.2 3.2#

51 21.9 17.9 26.9

120 33.8 27.0 40.4

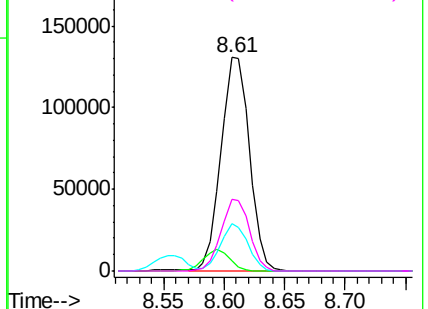
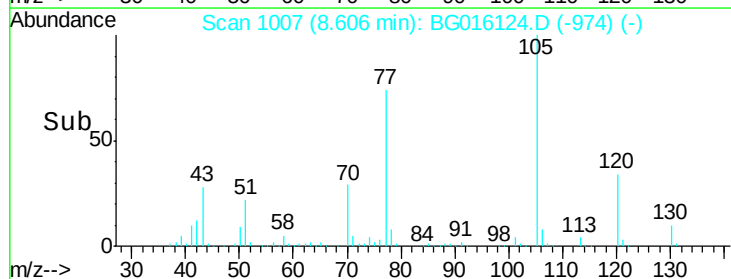


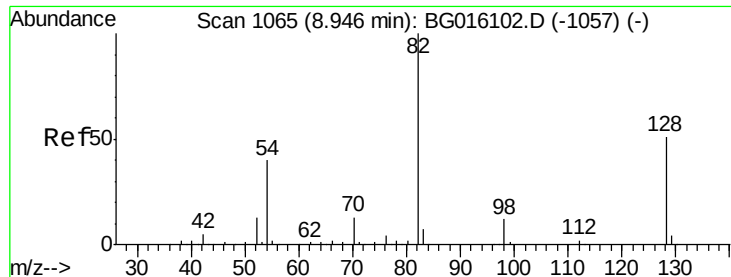
Abundance Ion 105.00 (104.70 to 105.70): E

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: 72.55 ng

RT: 8.95 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BG016124.D

Acq: 26 Mar 2015 4:55

Instrument :

BNA_G

ClientSampleId :

PB82242BS

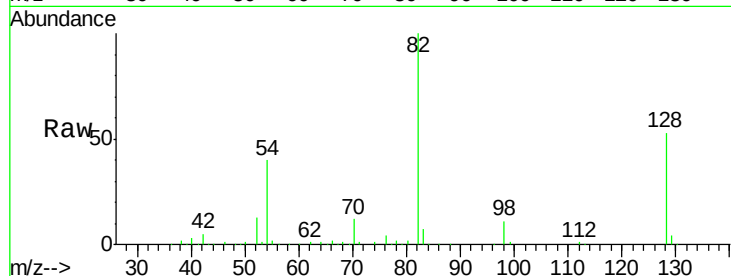
Tgt Ion: 82 Resp: 298072

Ion Ratio Lower Upper

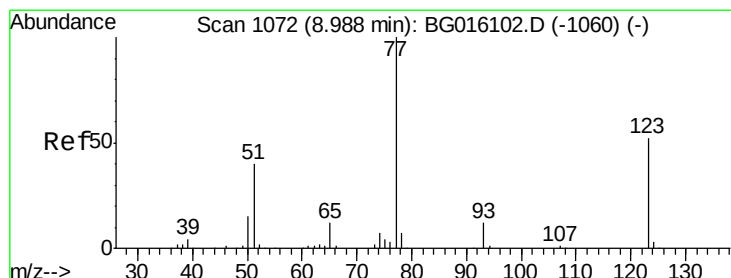
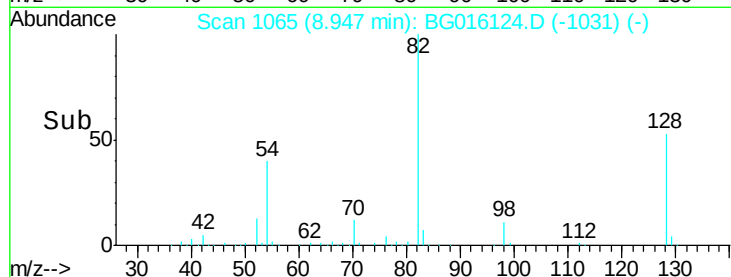
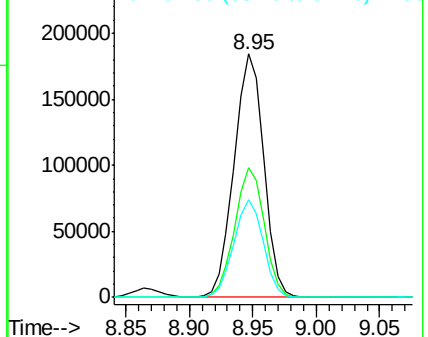
82 100

128 53.3 40.4 60.6

54 40.1 32.1 48.1



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: 35.83 ng

RT: 8.99 min Scan# 1072

Delta R.T. 0.00 min

Lab File: BG016124.D

Acq: 26 Mar 2015 4:55

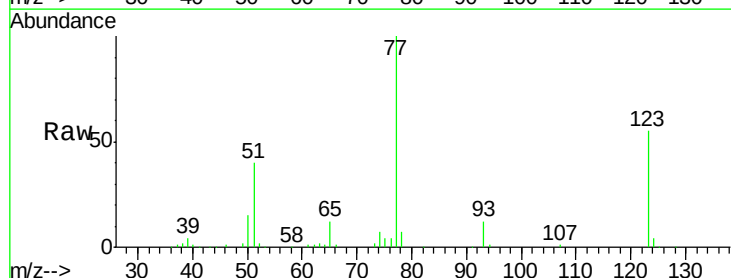
Tgt Ion: 77 Resp: 160139

Ion Ratio Lower Upper

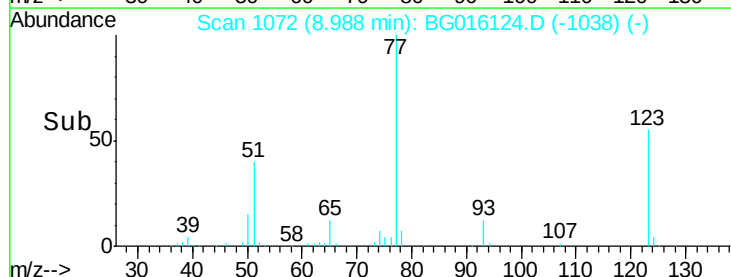
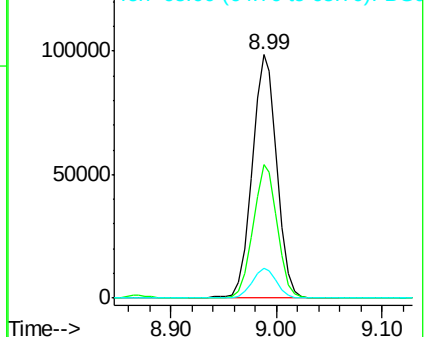
77 100

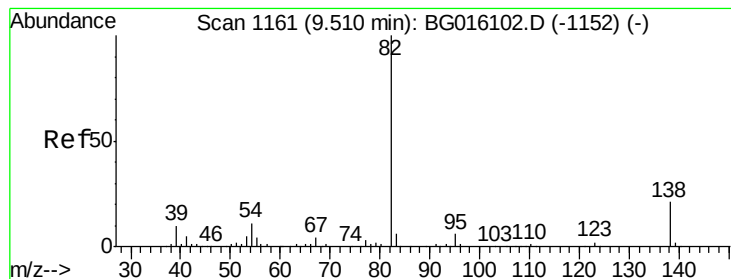
123 54.8 41.4 62.0

65 12.0 9.7 14.5



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: 33.28 ng

RT: 9.50 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BG016124.D

Acq: 26 Mar 2015 4:55

Instrument :

BNA_G

ClientSampleId :

PB82242BS

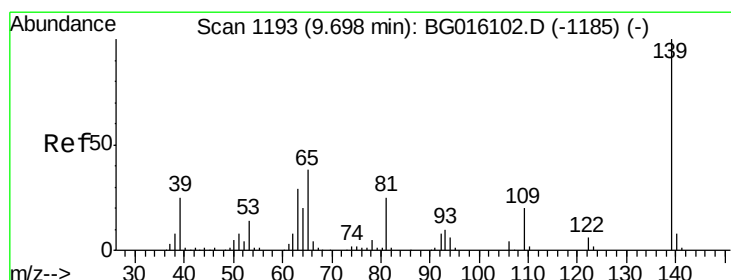
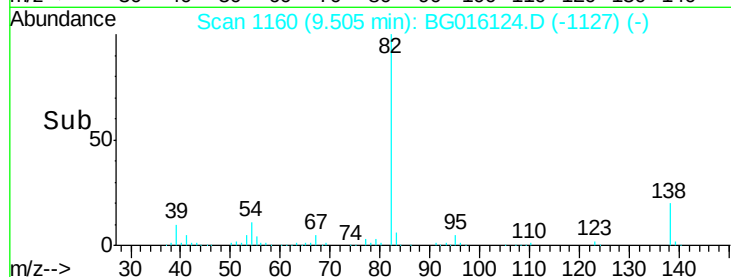
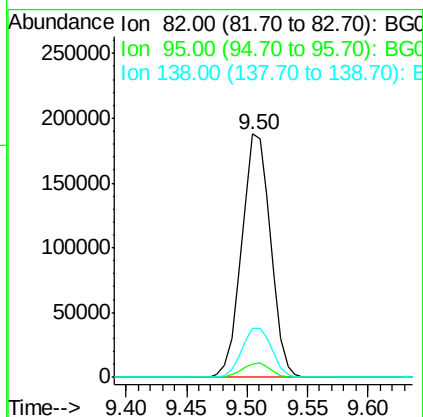
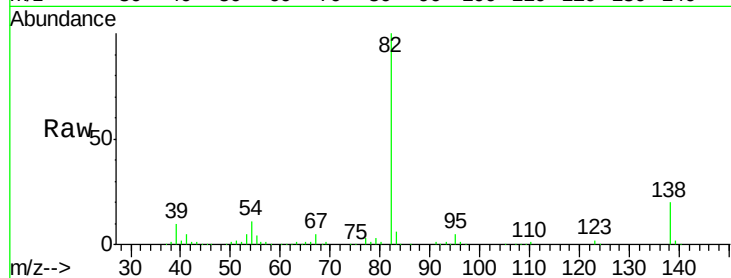
Tgt Ion: 82 Resp: 313410

Ion Ratio Lower Upper

82 100

95 5.5 4.6 6.8

138 20.4 17.1 25.7



#26

2-Nitrophenol

Concen: 36.82 ng

RT: 9.69 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BG016124.D

Acq: 26 Mar 2015 4:55

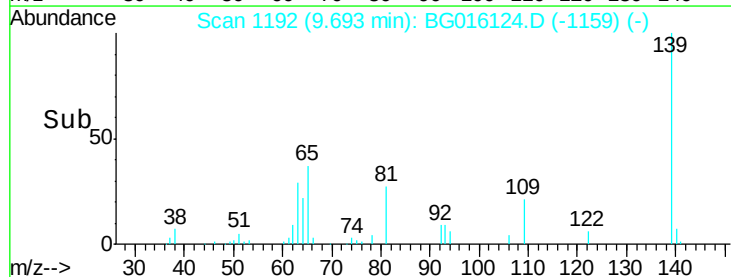
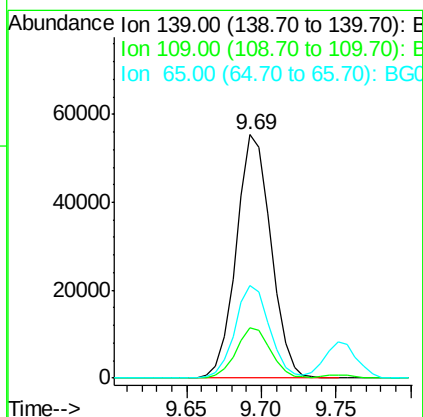
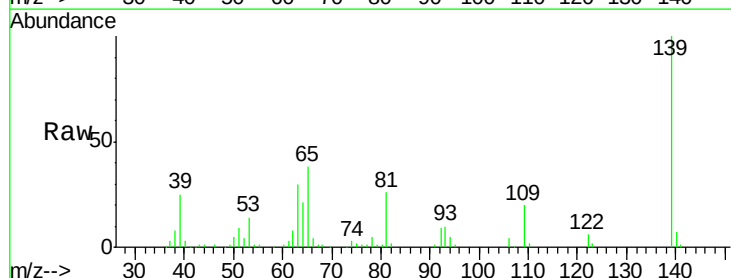
Tgt Ion: 139 Resp: 89132

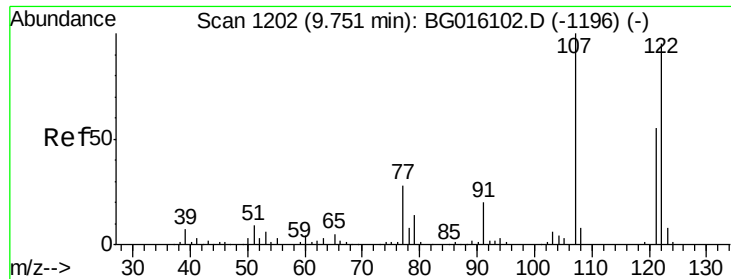
Ion Ratio Lower Upper

139 100

109 20.4 15.7 23.5

65 38.2 30.1 45.1

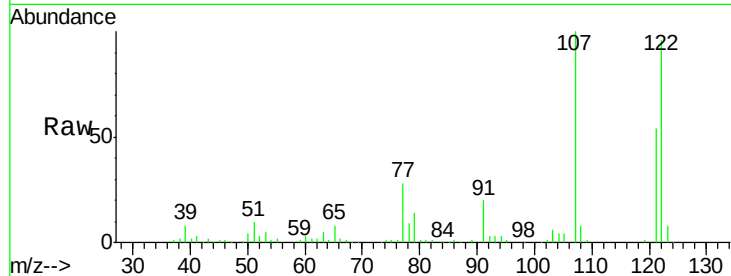




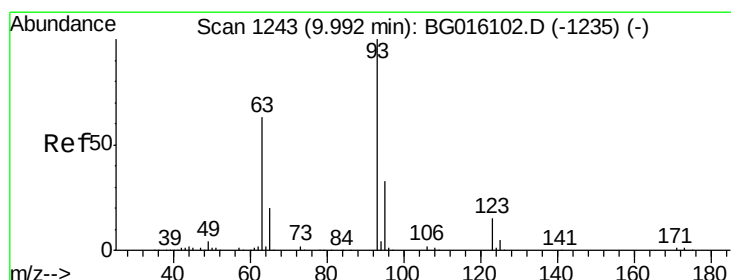
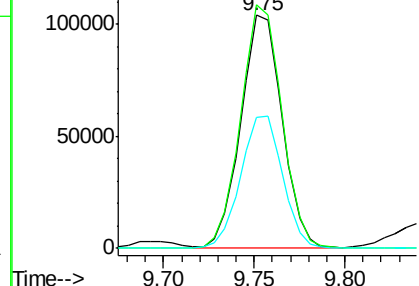
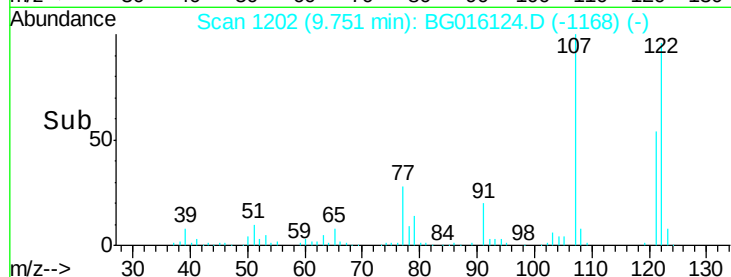
#27
 2,4-Dimethylphenol
 Concen: 40.35 ng
 RT: 9.75 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BG016124.D
 Acq: 26 Mar 2015 4:55

Instrument :
 BNA_G
 ClientSampleId :
 PB82242BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	104.4	83.6	125.4
121	56.4	45.6	68.4

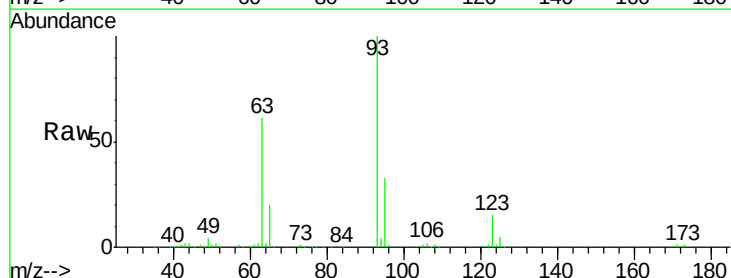


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

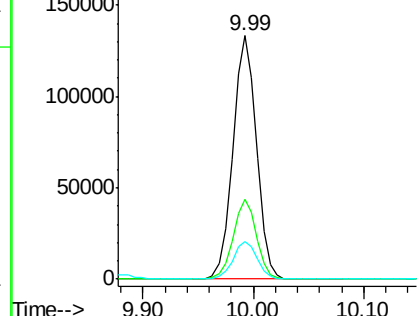
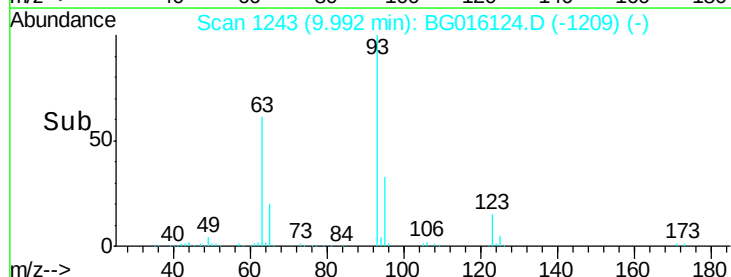


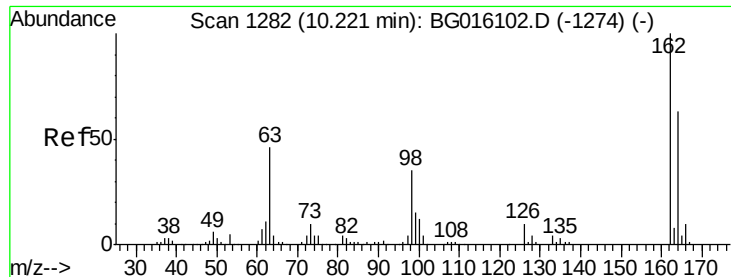
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.79 ng
 RT: 9.99 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BG016124.D
 Acq: 26 Mar 2015 4:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.4	39.6
123	15.4	12.3	18.5



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

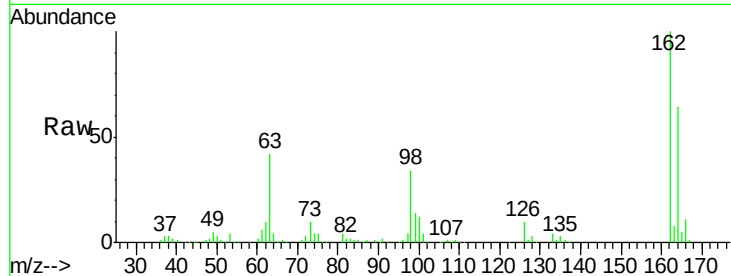




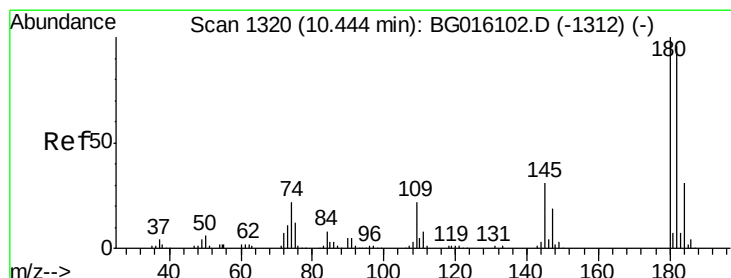
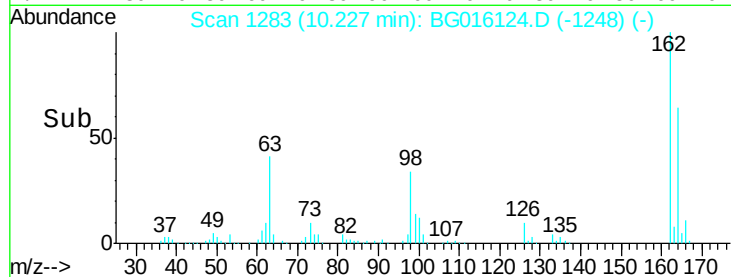
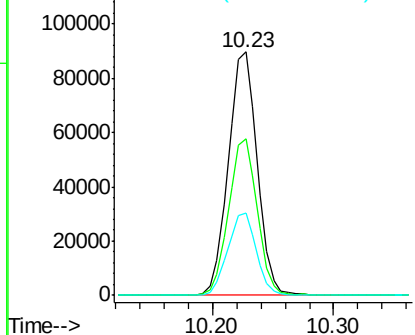
#29
 2,4-Dichlorophenol
 Concen: 41.75 ng
 RT: 10.23 min Scan# 1283
 Delta R.T. 0.01 min
 Lab File: BG016124.D
 Acq: 26 Mar 2015 4:55

Instrument :
 BNA_G
 ClientSampleId :
 PB82242BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.5	83.5
98	33.7	14.8	54.8

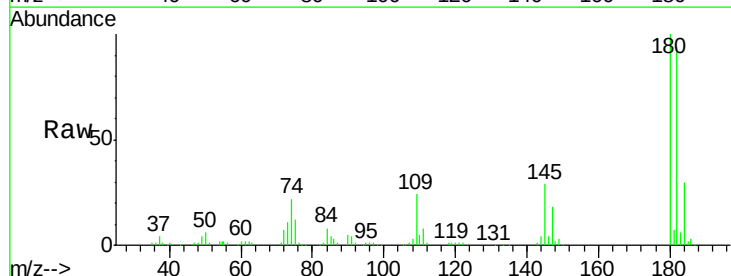


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

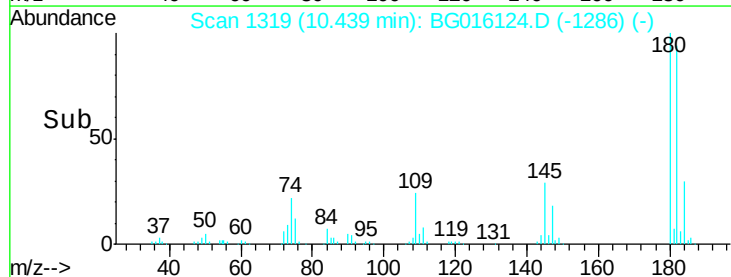
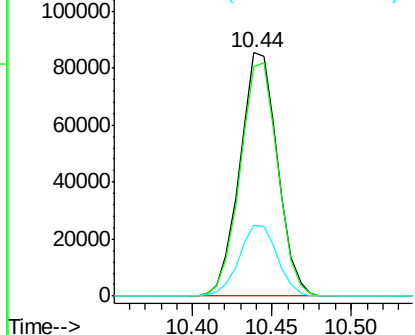


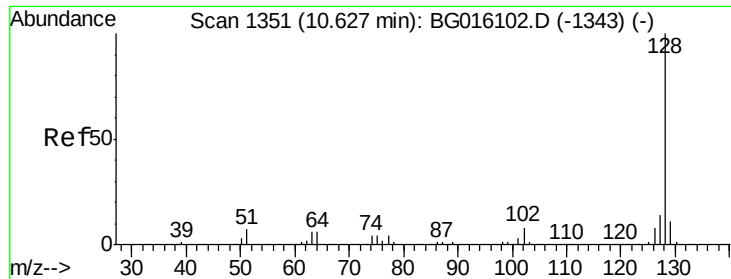
#30
 1,2,4-Trichlorobenzene
 Concen: 36.56 ng
 RT: 10.44 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BG016124.D
 Acq: 26 Mar 2015 4:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.8	115.2
145	29.1	24.8	37.2



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

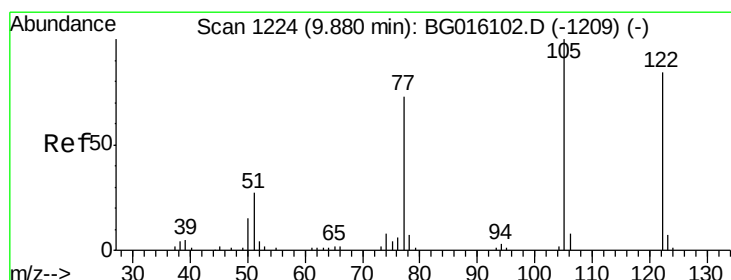
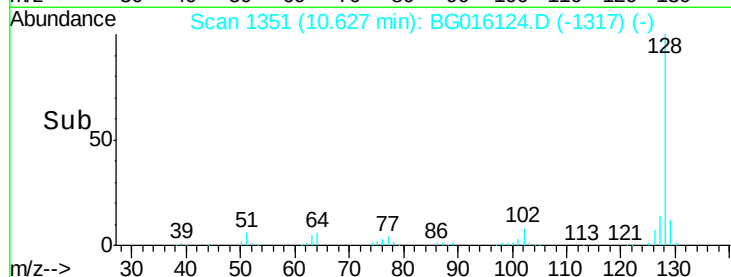
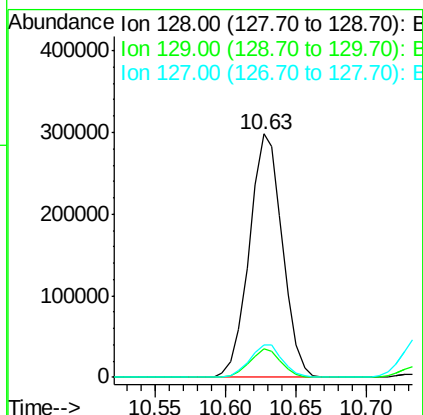
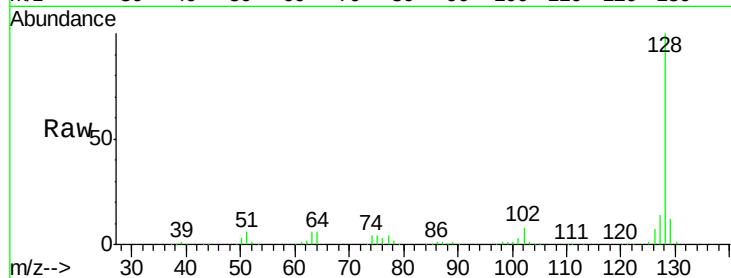




#31
Naphthalene
Concen: 35.50 ng
RT: 10.63 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BG016124.D
Acq: 26 Mar 2015 4:55

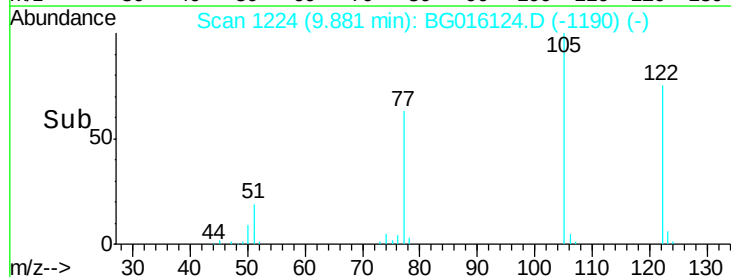
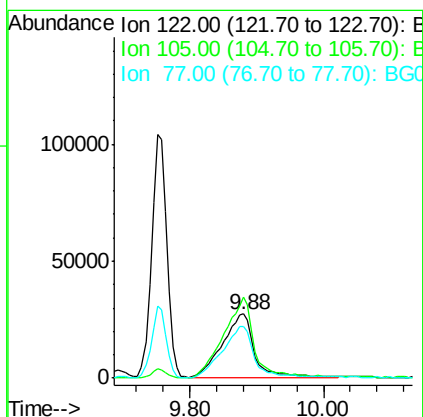
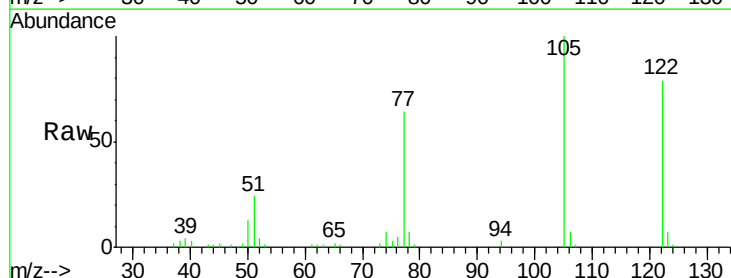
Instrument :
BNA_G
ClientSampleId :
PB82242BS

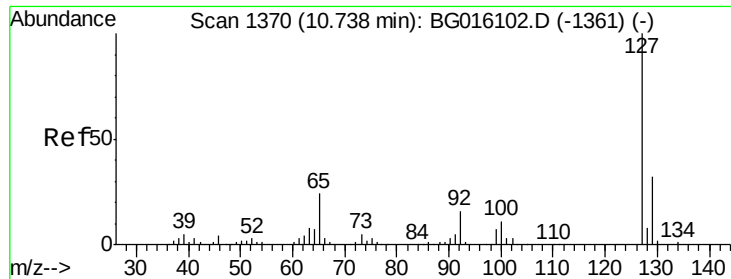
Tgt Ion:128 Resp: 489684
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.6 10.9 16.3



#32
Benzoic acid
Concen: 34.31 ng
RT: 9.88 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BG016124.D
Acq: 26 Mar 2015 4:55

Tgt Ion:122 Resp: 89591
Ion Ratio Lower Upper
122 100
105 126.9 97.2 137.2
77 81.6 65.0 105.0

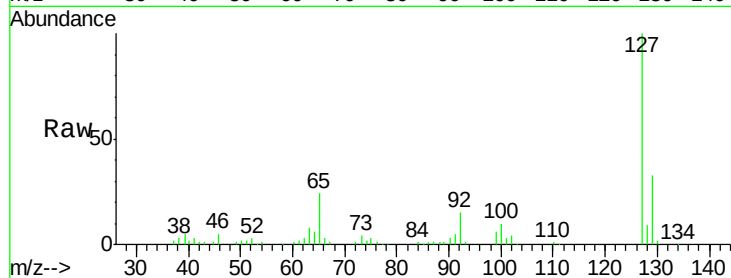




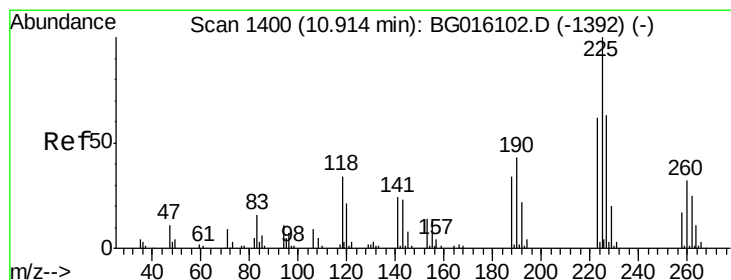
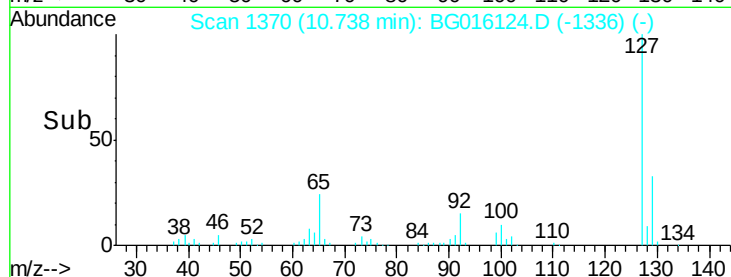
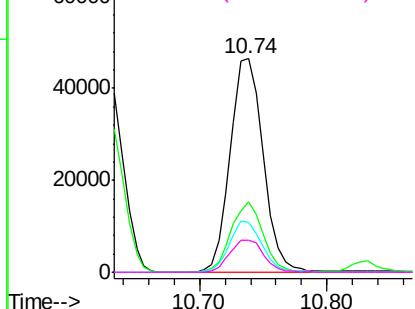
#33
4-Chloroaniline
Concen: 13.85 ng
RT: 10.74 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BG016124.D
Acq: 26 Mar 2015 4:55

Instrument :
BNA_G
ClientSampleId :
PB82242BS

Tgt Ion:	127	Resp:	83654
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.3	37.9
65	23.7	19.5	29.3
92	15.1	13.1	19.7

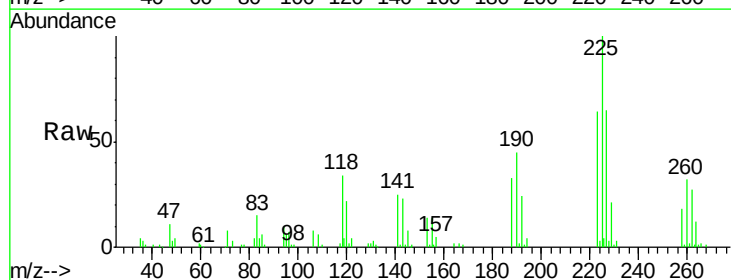


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

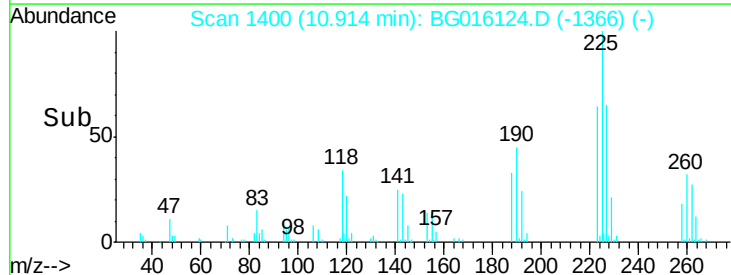
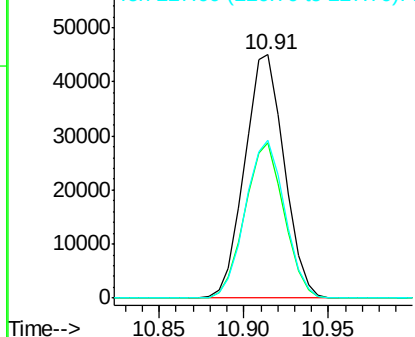


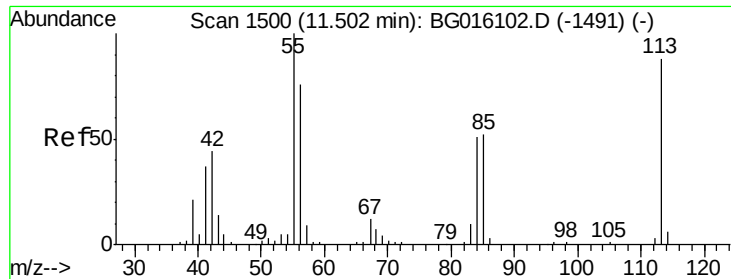
#34
Hexachlorobutadiene
Concen: 34.98 ng
RT: 10.91 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BG016124.D
Acq: 26 Mar 2015 4:55

Tgt Ion:	225	Resp:	73142
Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.5	74.3
227	64.6	50.4	75.6



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

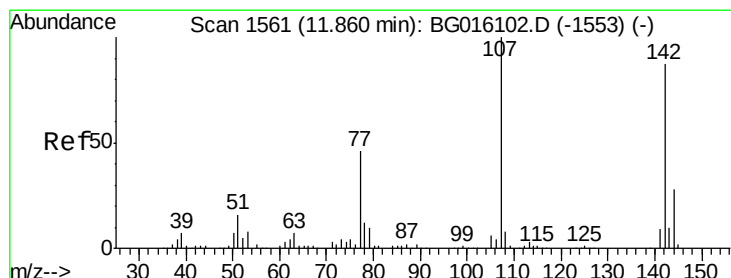
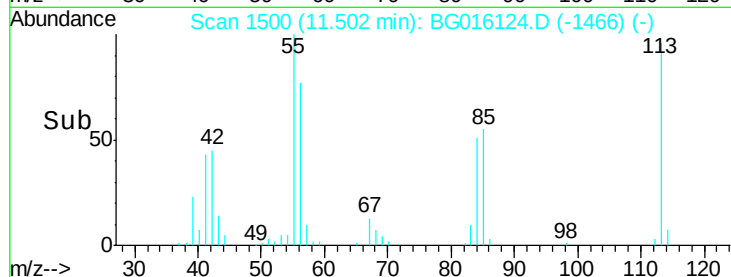
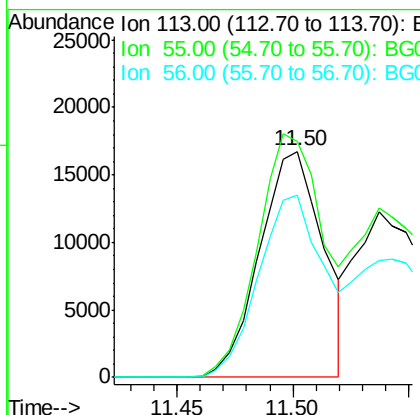
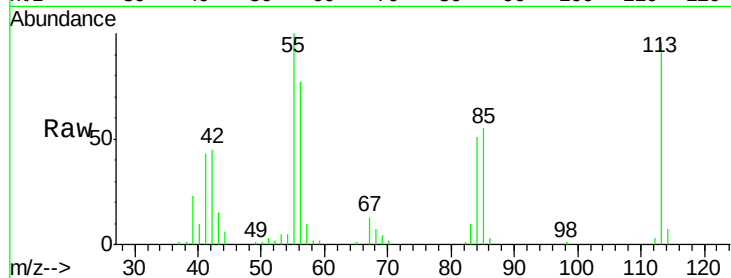




#35
 Caprolactam
 Concen: 16.45 ng
 RT: 11.50 min Scan# 1500
 Delta R.T. 0.00 min
 Lab File: BG016124.D
 Acq: 26 Mar 2015 4:55

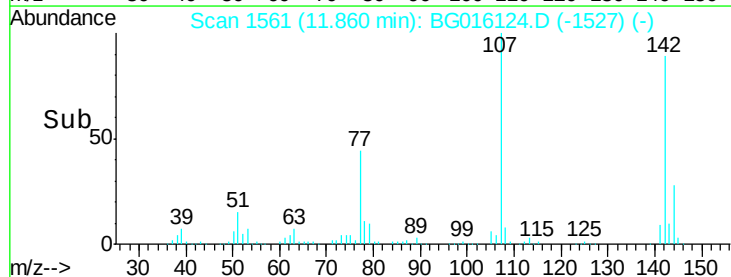
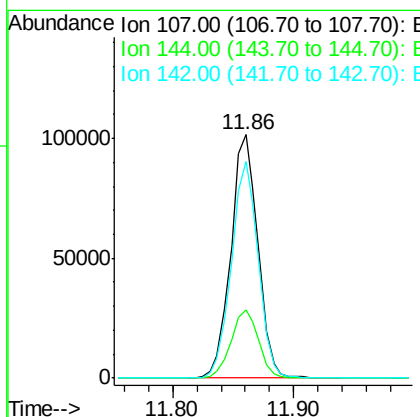
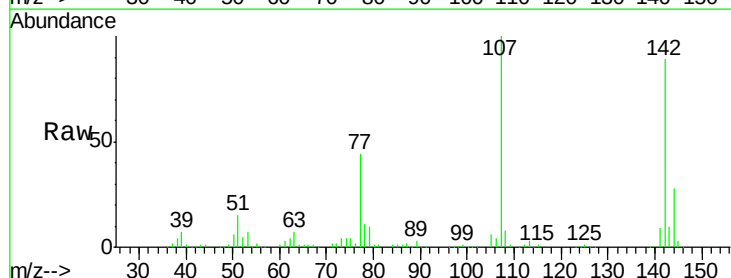
Instrument :
 BNA_G
 ClientSampleId :
 PB82242BS

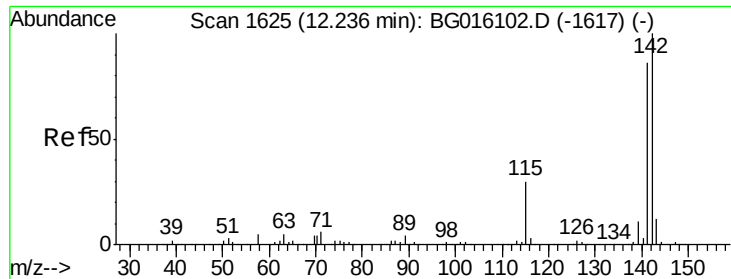
Tgt Ion:113 Resp: 31880
 Ion Ratio Lower Upper
 113 100
 55 104.5 93.9 133.9
 56 80.6 67.1 107.1



#36
 4-Chloro-3-methylphenol
 Concen: 37.65 ng
 RT: 11.86 min Scan# 1561
 Delta R.T. 0.00 min
 Lab File: BG016124.D
 Acq: 26 Mar 2015 4:55

Tgt Ion:107 Resp: 158533
 Ion Ratio Lower Upper
 107 100
 144 28.0 22.7 34.1
 142 89.0 69.7 104.5

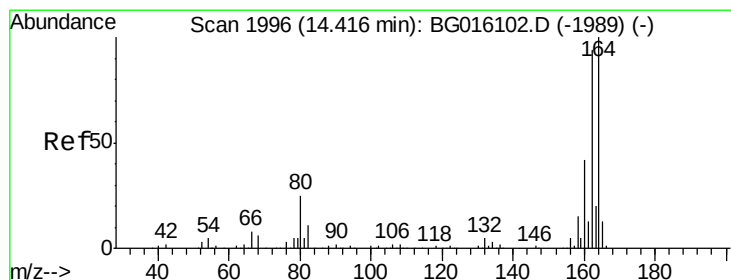
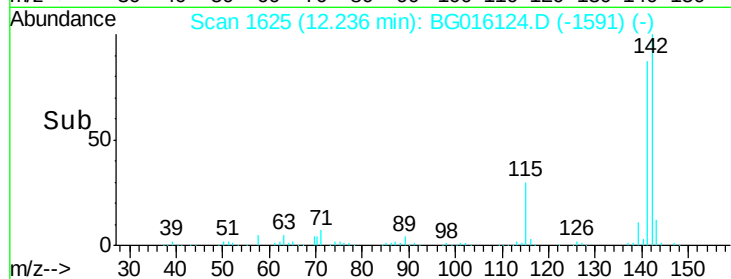
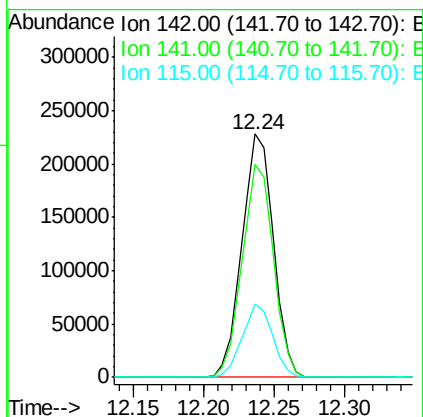
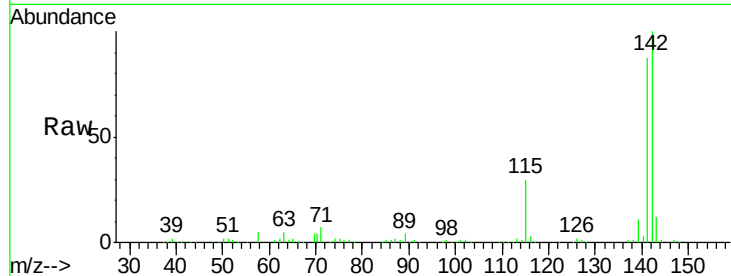




#37
2-Methylnaphthalene
Concen: 36.20 ng
RT: 12.24 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BG016124.D
Acq: 26 Mar 2015 4:55

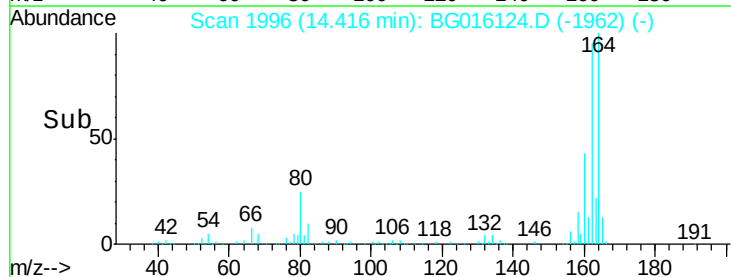
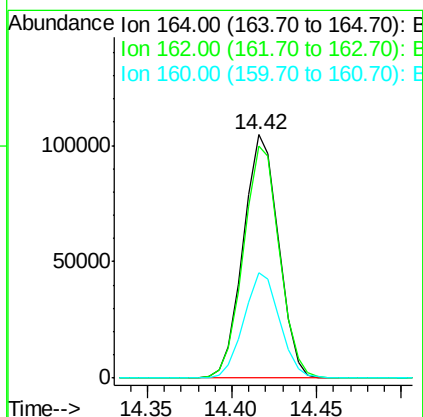
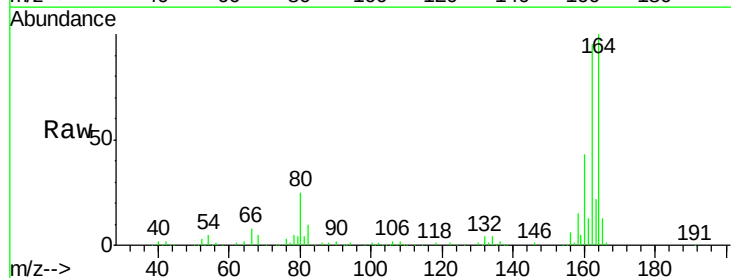
Instrument :
BNA_G
ClientSampleId :
PB82242BS

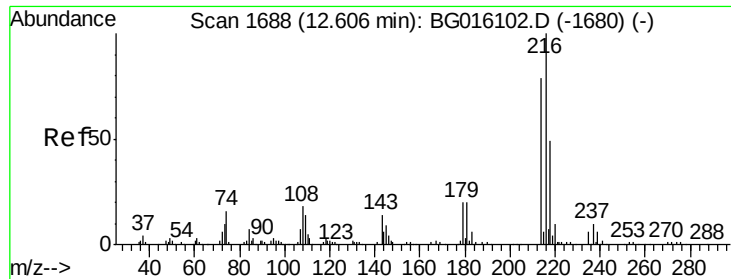
Tgt Ion:142 Resp: 356485
Ion Ratio Lower Upper
142 100
141 87.3 68.6 103.0
115 30.0 24.0 36.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.42 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BG016124.D
Acq: 26 Mar 2015 4:55

Tgt Ion:164 Resp: 152662
Ion Ratio Lower Upper
164 100
162 95.3 75.2 112.8
160 43.4 33.9 50.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.66 ng

RT: 12.61 min Scan# 1688

Delta R.T. 0.00 min

Lab File: BG016124.D

Acq: 26 Mar 2015 4:55

Instrument :

BNA_G

ClientSampled :

PB82242BS

Tgt Ion:216 Resp: 148649

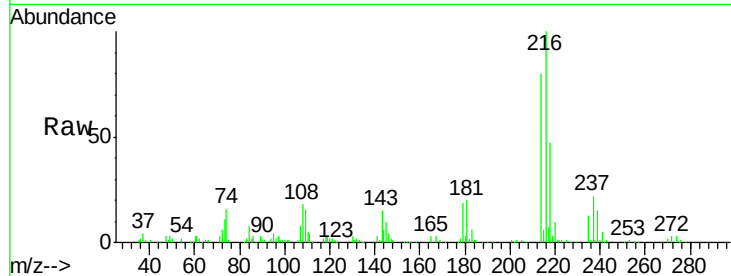
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.6

179 19.9 15.4 23.2

108 21.8 15.8 23.6

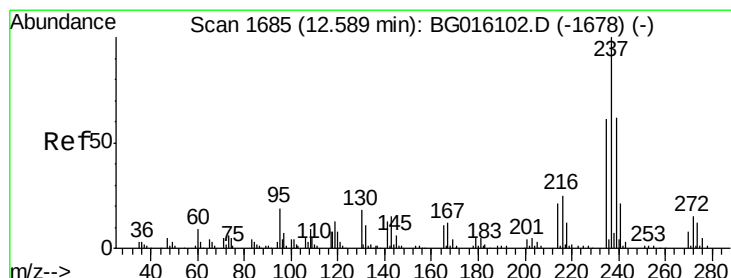
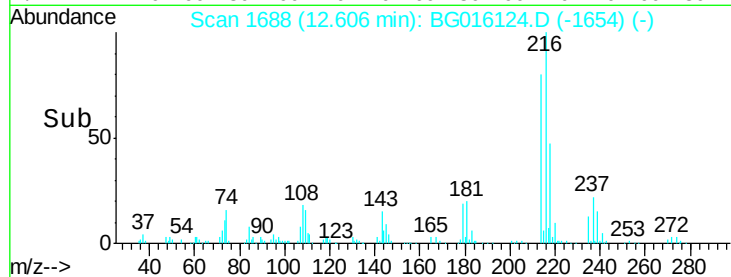
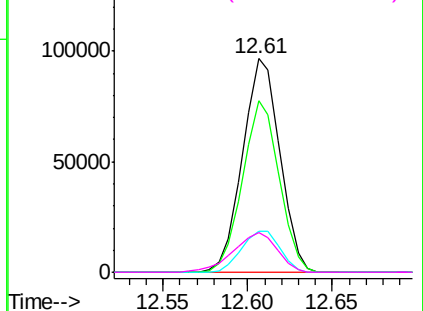


Abundance Ion 216.00 (215.70 to 216.70): E

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: 83.12 ng

RT: 12.59 min Scan# 1685

Delta R.T. 0.00 min

Lab File: BG016124.D

Acq: 26 Mar 2015 4:55

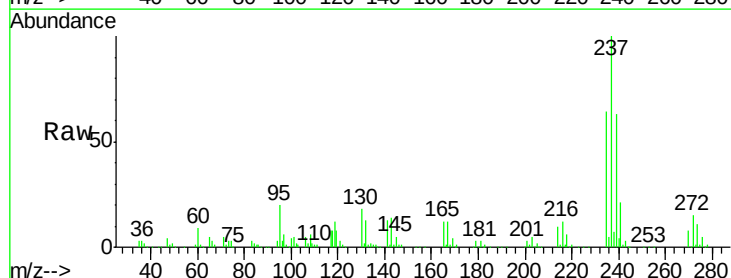
Tgt Ion:237 Resp: 186854

Ion Ratio Lower Upper

237 100

235 63.6 41.5 81.5

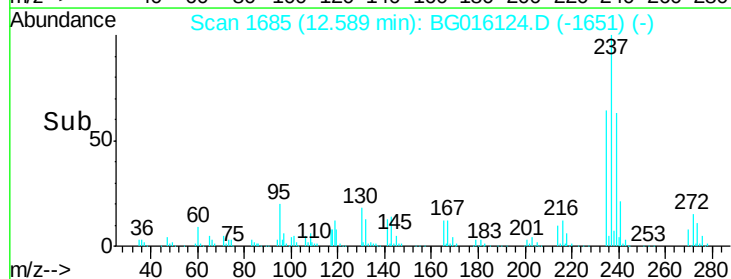
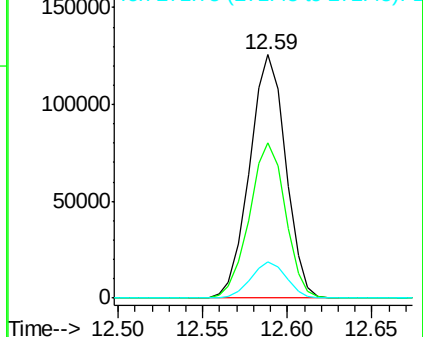
272 14.9 0.0 35.3

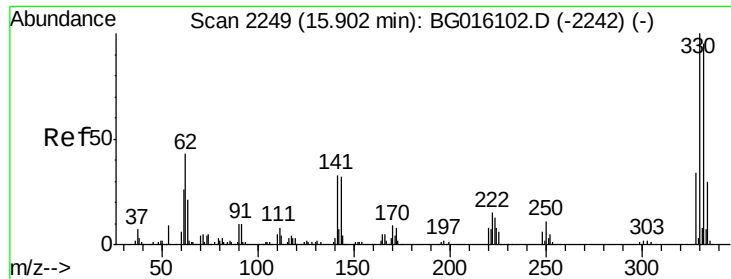


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

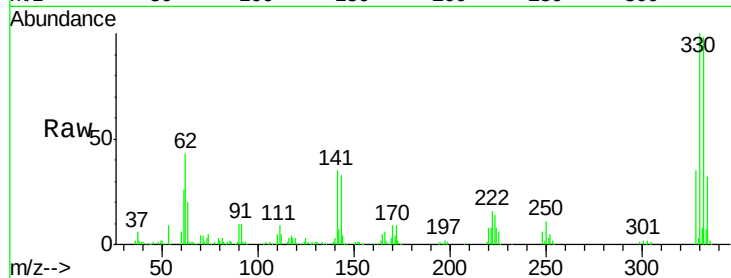




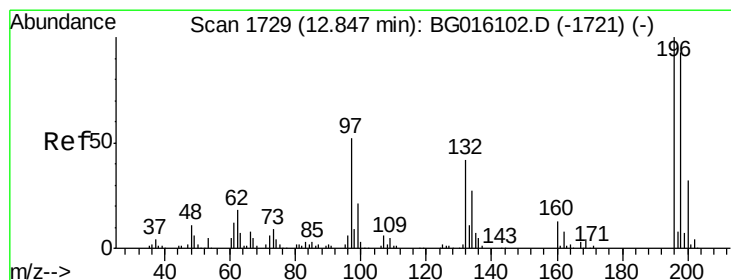
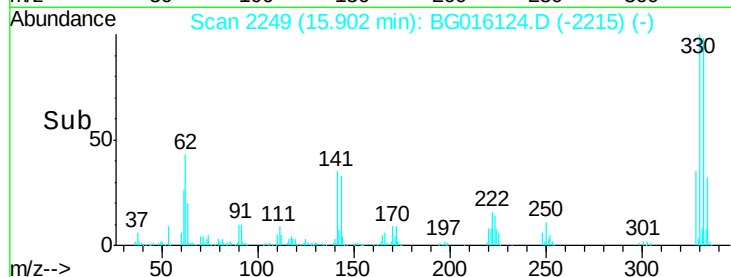
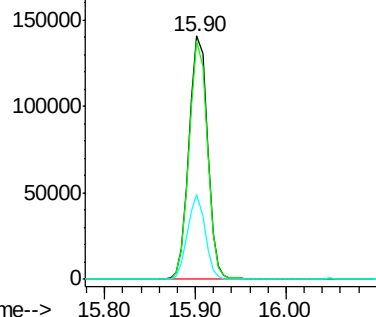
#41
 2,4,6-Tribromophenol
 Concen: 112.12 ng
 RT: 15.90 min Scan# 2249
 Delta R.T. 0.00 min
 Lab File: BG016124.D
 Acq: 26 Mar 2015 4:55

Instrument :
 BNA_G
 ClientSampleId :
 PB82242BS

Tgt Ion:330 Resp: 199498
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 114.8
 141 33.0 26.2 39.4

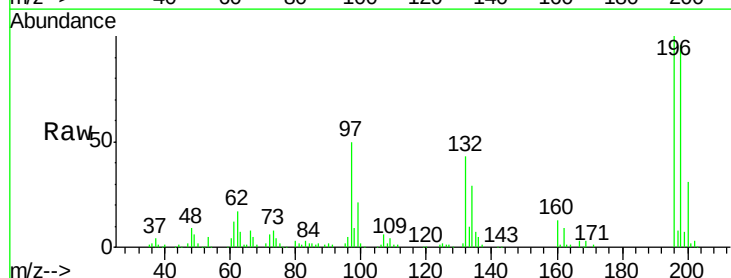


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

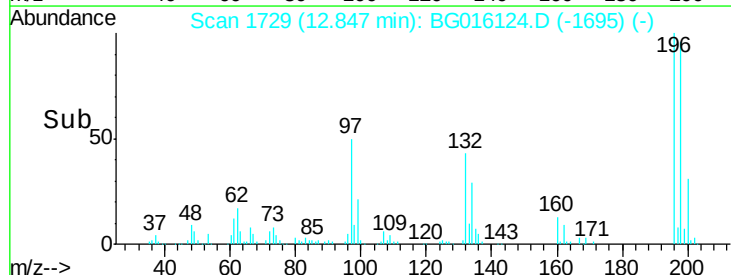
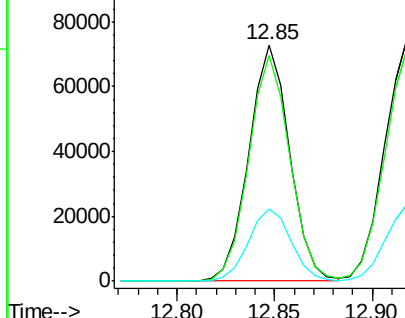


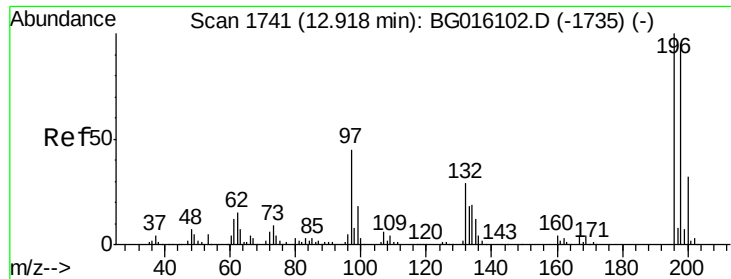
#42
 2,4,6-Trichlorophenol
 Concen: 38.43 ng
 RT: 12.85 min Scan# 1729
 Delta R.T. 0.00 min
 Lab File: BG016124.D
 Acq: 26 Mar 2015 4:55

Tgt Ion:196 Resp: 105559
 Ion Ratio Lower Upper
 196 100
 198 95.8 74.0 111.0
 200 30.7 25.7 38.5



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

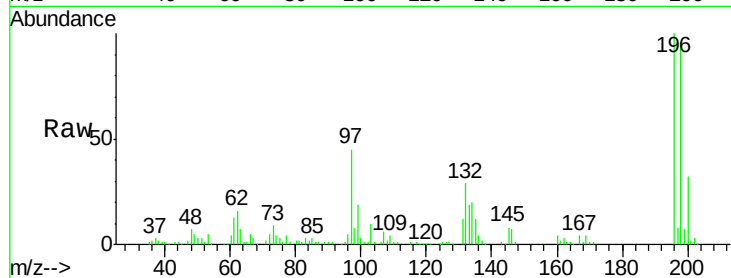




#43
 2,4,5-Trichlorophenol
 Concen: 38.57 ng
 RT: 12.92 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: BG016124.D
 Acq: 26 Mar 2015 4:55

Instrument :
 BNA_G
 ClientSampleId :
 PB82242BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.2	114.4
97	45.2	36.2	54.4
132	29.2	23.6	35.4



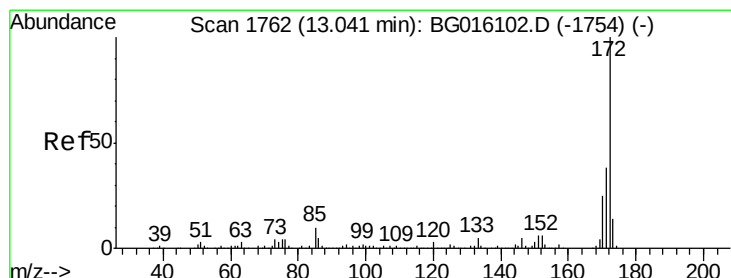
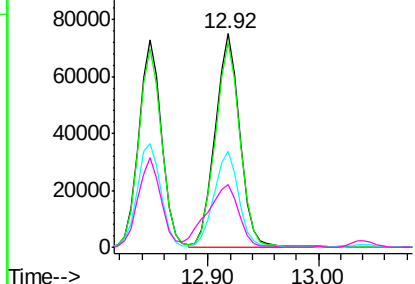
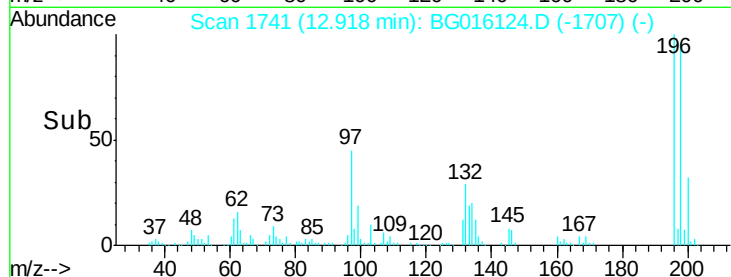
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

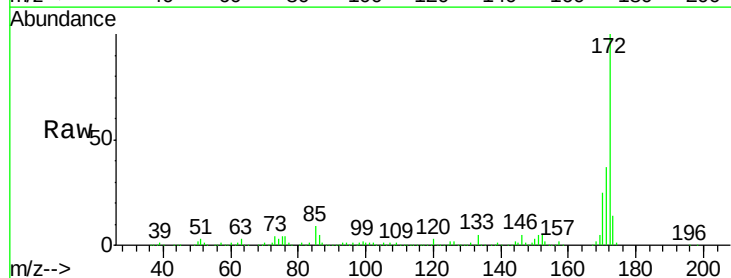
Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.72 ng
 RT: 13.04 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: BG016124.D
 Acq: 26 Mar 2015 4:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.3	45.5
170	24.7	19.8	29.8

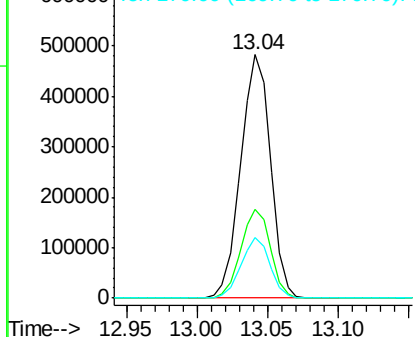
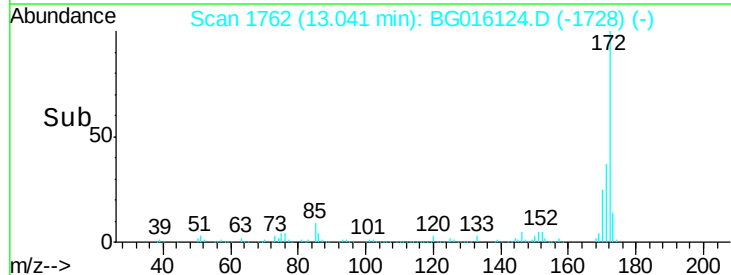


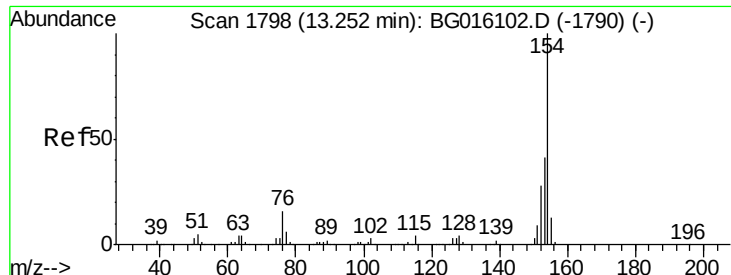
Abundance

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

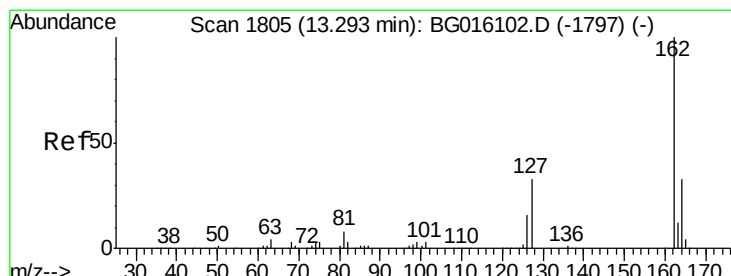
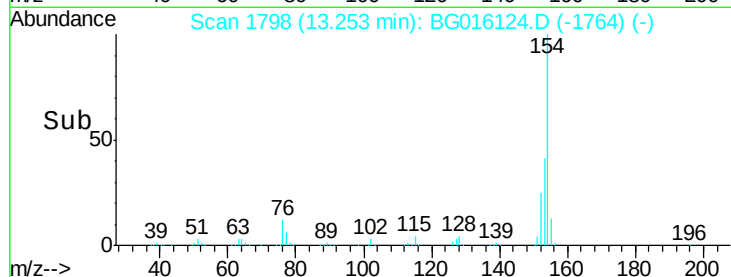
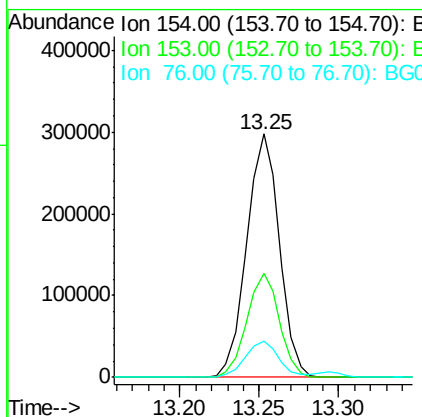
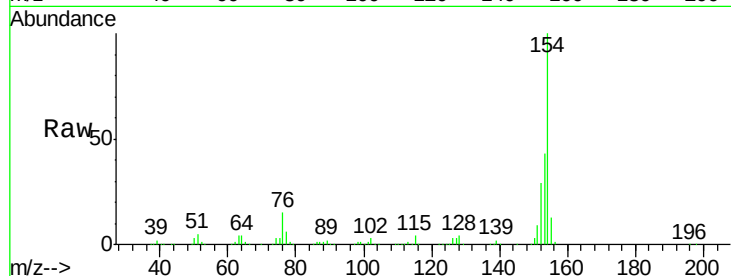




#45
 1,1'-Biphenyl
 Concen: 38.01 ng
 RT: 13.25 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: BG016124.D
 Acq: 26 Mar 2015 4:55

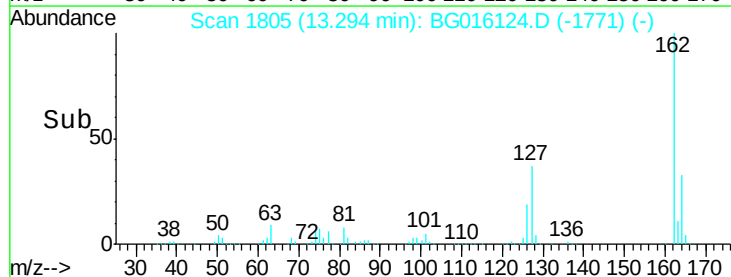
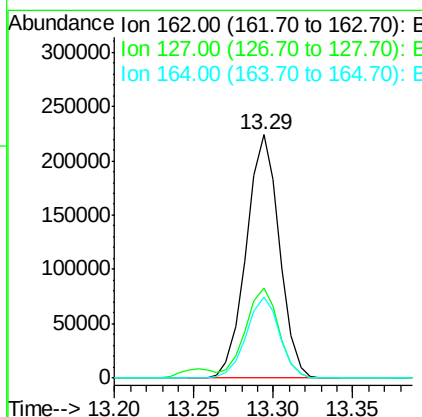
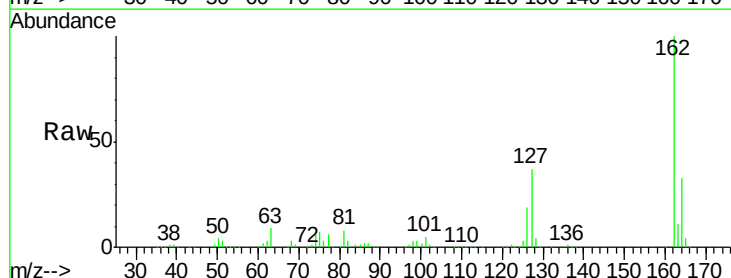
Instrument :
 BNA_G
 ClientSampleId :
 PB82242BS

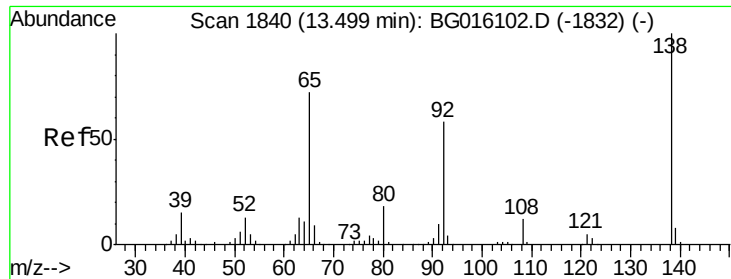
Tgt Ion:	154	Resp:	425480
Ion	Ratio	Lower	Upper
154	100		
153	42.6	21.4	61.4
76	14.9	0.0	35.5



#46
 2-Chloronaphthalene
 Concen: 37.05 ng
 RT: 13.29 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: BG016124.D
 Acq: 26 Mar 2015 4:55

Tgt Ion:	162	Resp:	323525
Ion	Ratio	Lower	Upper
162	100		
127	37.0	29.4	44.2
164	33.1	26.1	39.1

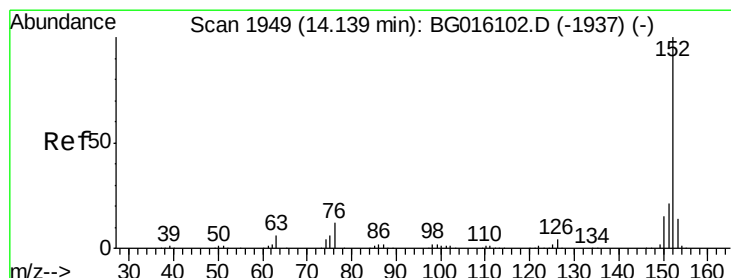
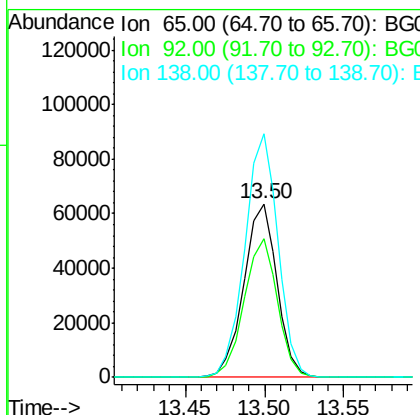
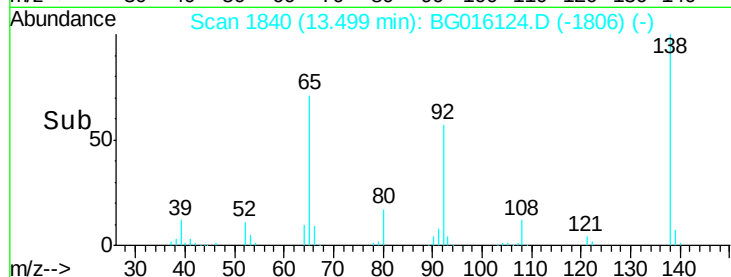
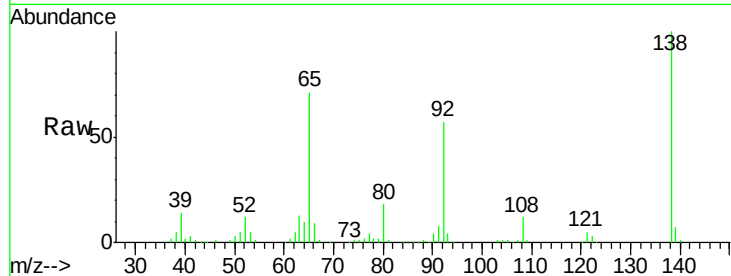




#47
 2-Nitroaniline
 Concen: 36.74 ng
 RT: 13.50 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BG016124.D
 Acq: 26 Mar 2015 4:55

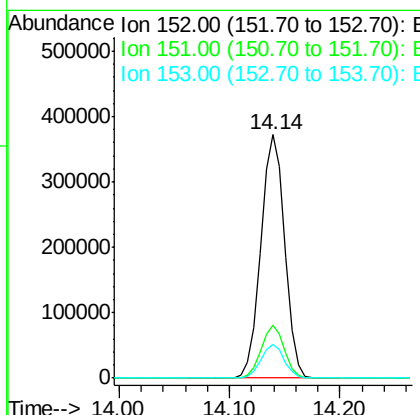
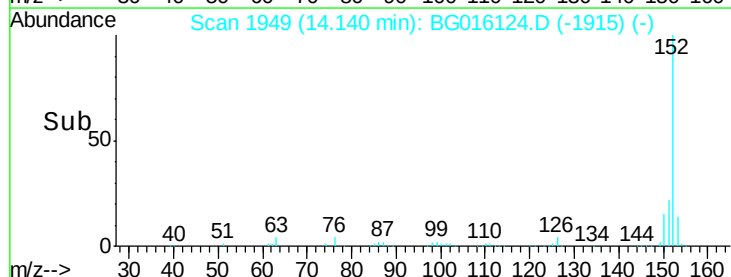
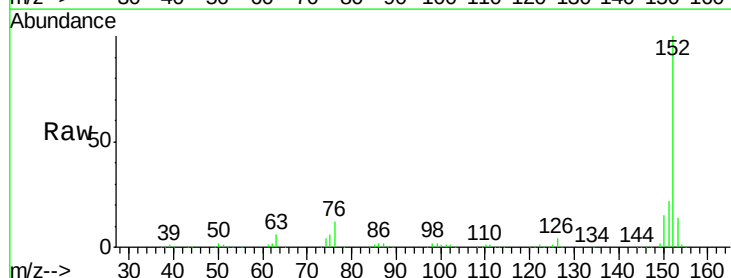
Instrument :
 BNA_G
 ClientSampleId :
 PB82242BS

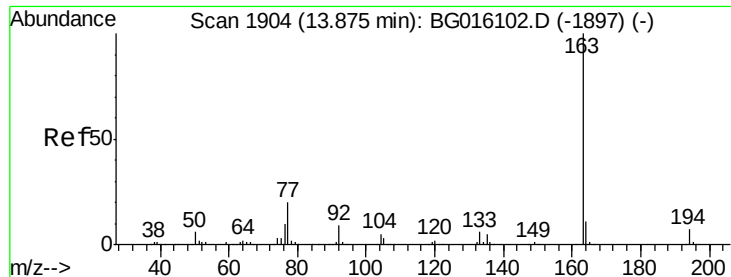
Tgt Ion: 65 Resp: 92153
 Ion Ratio Lower Upper
 65 100
 92 79.6 64.2 96.4
 138 140.5 110.4 165.6



#48
 Acenaphthylene
 Concen: 35.30 ng
 RT: 14.14 min Scan# 1949
 Delta R.T. 0.00 min
 Lab File: BG016124.D
 Acq: 26 Mar 2015 4:55

Tgt Ion: 152 Resp: 563336
 Ion Ratio Lower Upper
 152 100
 151 21.7 17.0 25.4
 153 13.9 11.0 16.4





#49

Dimethylphthalate

Concen: 37.10 ng

RT: 13.88 min Scan# 1904

Delta R.T. 0.00 min

Lab File: BG016124.D

Acq: 26 Mar 2015 4:55

Instrument :

BNA_G

ClientSampleId :

PB82242BS

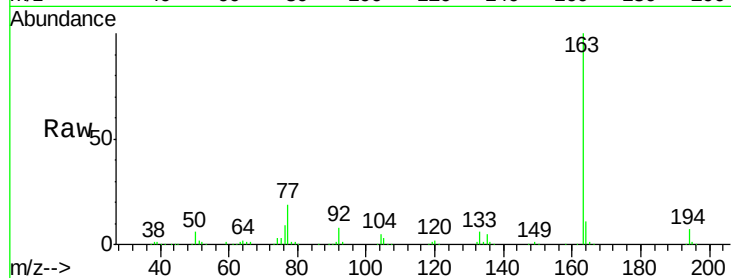
Tgt Ion:163 Resp: 397148

Ion Ratio Lower Upper

163 100

194 6.8 5.4 8.0

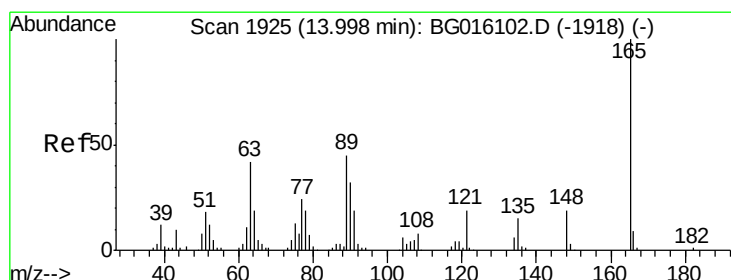
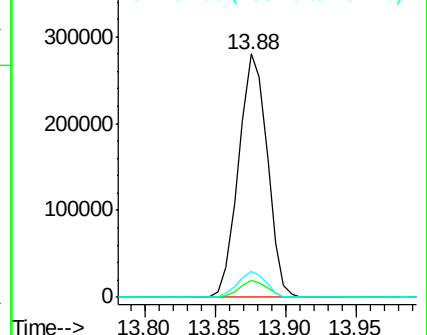
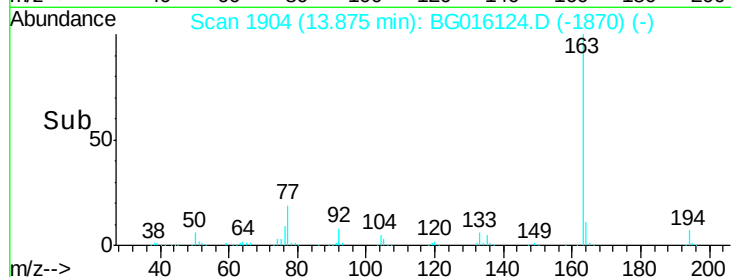
164 10.6 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 38.39 ng

RT: 13.99 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BG016124.D

Acq: 26 Mar 2015 4:55

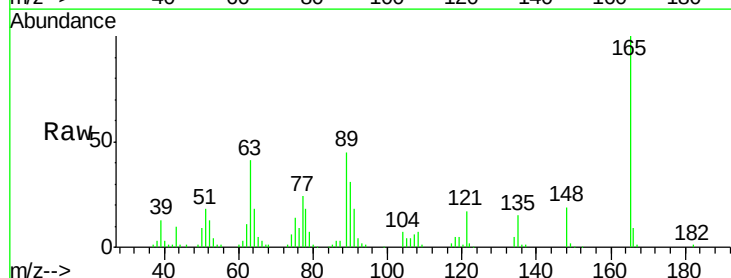
Tgt Ion:165 Resp: 97475

Ion Ratio Lower Upper

165 100

63 40.7 33.8 50.6

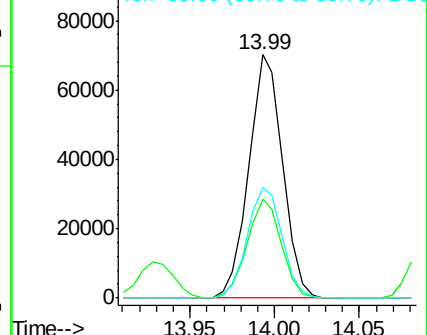
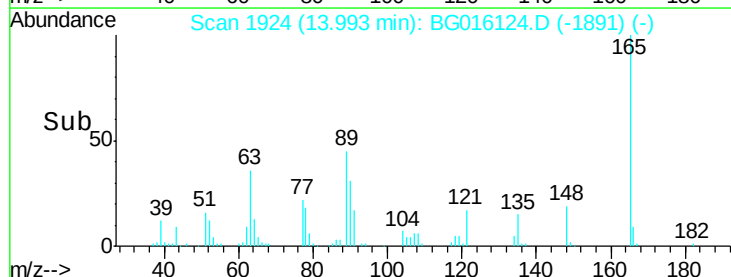
89 45.3 35.8 53.8

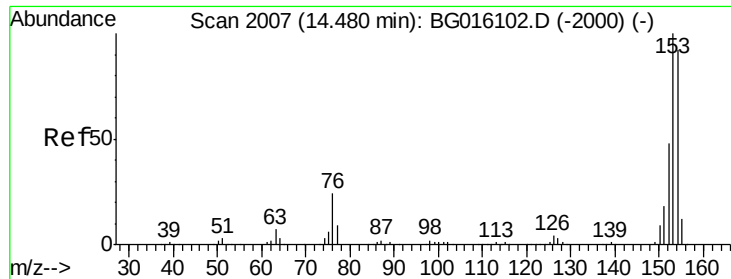


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 35.73 ng

RT: 14.48 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BG016124.D

Acq: 26 Mar 2015 4:55

Instrument :

BNA_G

ClientSampleId :

PB82242BS

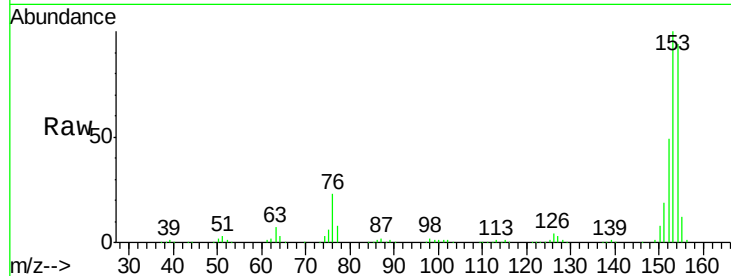
Tgt Ion:154 Resp: 343913

Ion Ratio Lower Upper

154 100

153 106.4 87.2 130.8

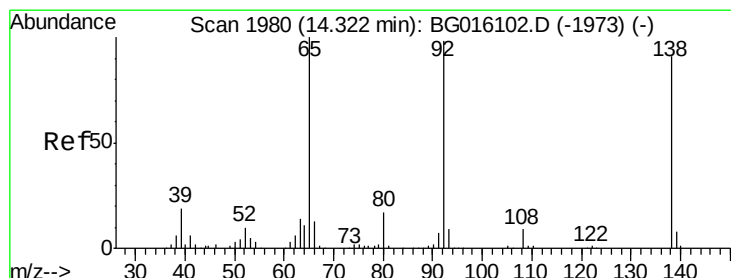
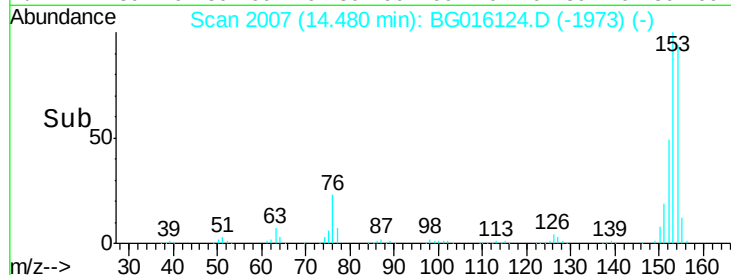
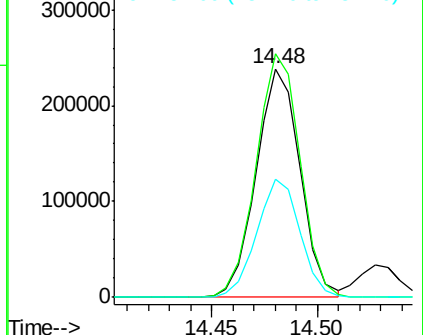
152 51.7 41.8 62.6



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: 23.55 ng

RT: 14.32 min Scan# 1980

Delta R.T. 0.00 min

Lab File: BG016124.D

Acq: 26 Mar 2015 4:55

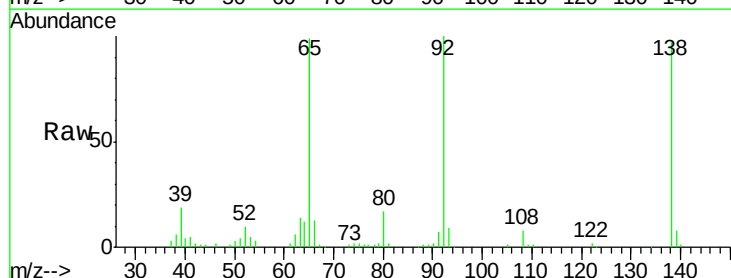
Tgt Ion:138 Resp: 73220

Ion Ratio Lower Upper

138 100

108 8.2 7.8 11.6

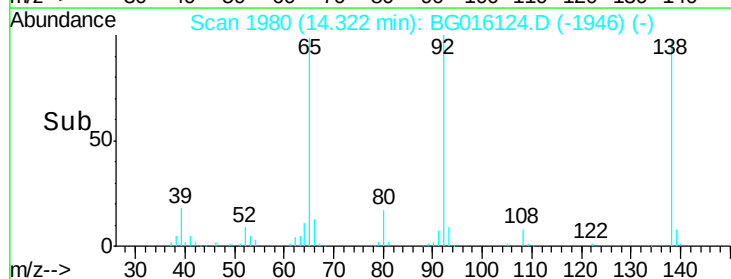
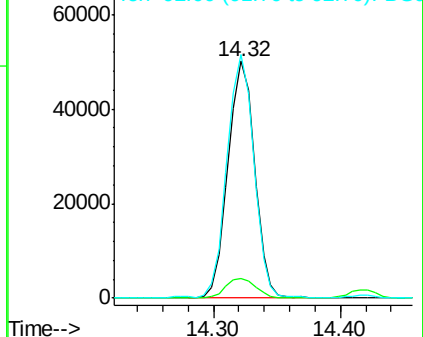
92 102.8 85.8 128.8

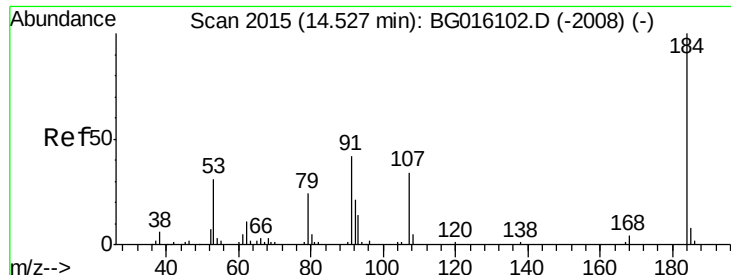


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 77.62 ng

RT: 14.53 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BG016124.D

Acq: 26 Mar 2015 4:55

Instrument :

BNA_G

ClientSampleId :

PB82242BS

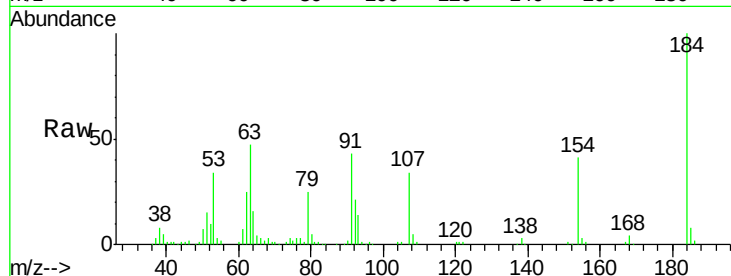
Tgt Ion:184 Resp: 119579

Ion Ratio Lower Upper

184 100

63 47.2 36.5 54.7

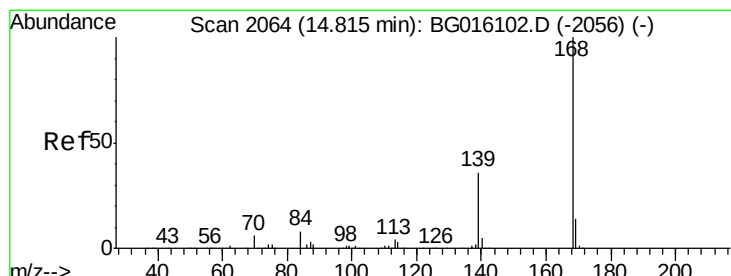
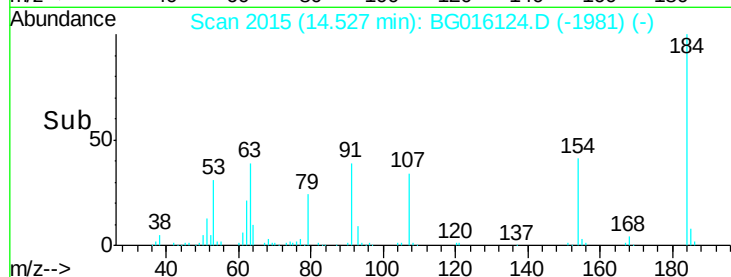
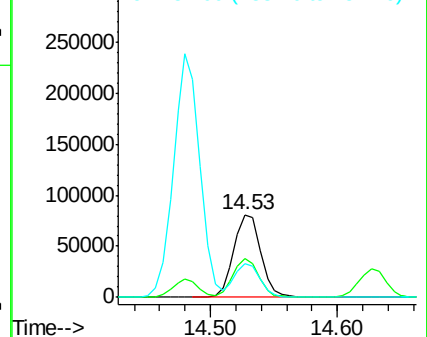
154 41.2 30.2 45.4



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: 38.01 ng

RT: 14.82 min Scan# 2064

Delta R.T. 0.00 min

Lab File: BG016124.D

Acq: 26 Mar 2015 4:55

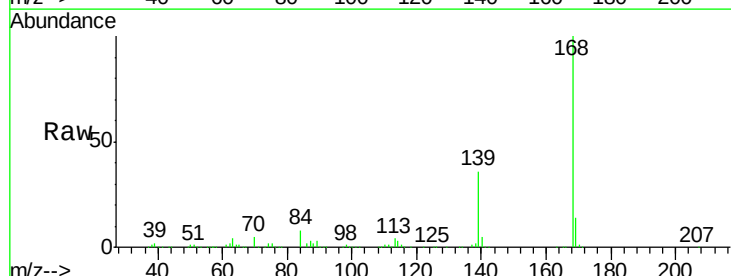
Tgt Ion:168 Resp: 511169

Ion Ratio Lower Upper

168 100

139 35.6 29.0 43.4

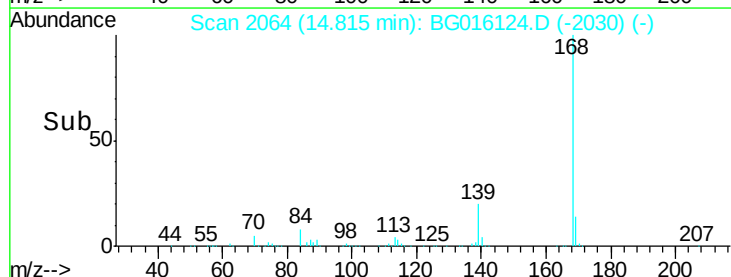
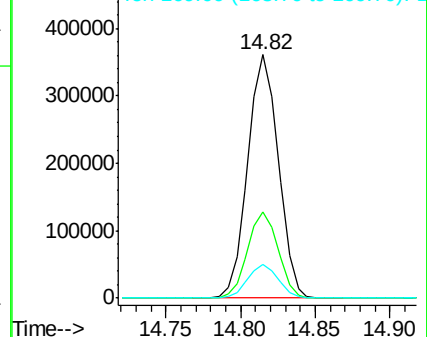
169 13.9 11.1 16.7

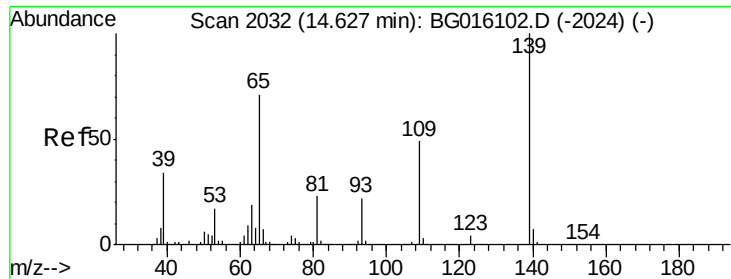


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

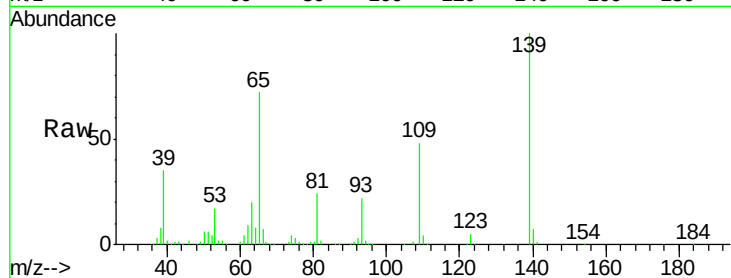




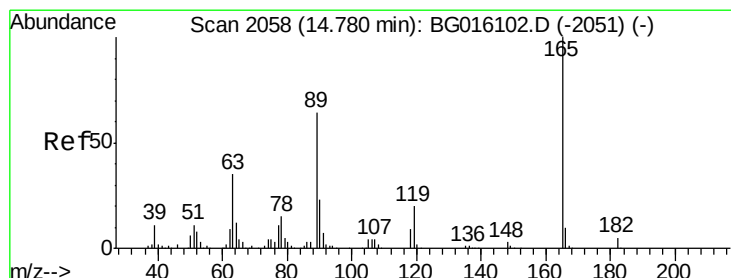
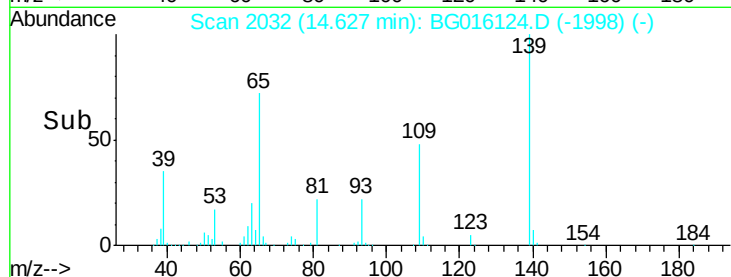
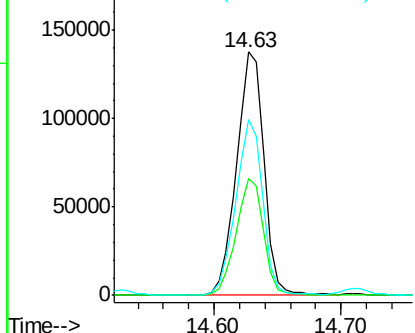
#55
4-Nitrophenol
Concen: 81.68 ng
RT: 14.63 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BG016124.D
Acq: 26 Mar 2015 4:55

Instrument :
BNA_G
ClientSampleId :
PB82242BS

Tgt Ion:139 Resp: 205706
Ion Ratio Lower Upper
139 100
109 48.0 28.7 68.7
65 72.2 50.7 90.7

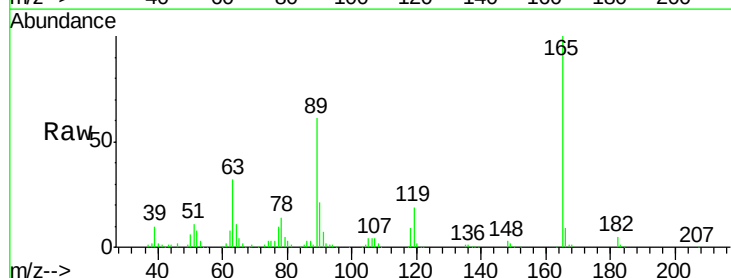


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): B

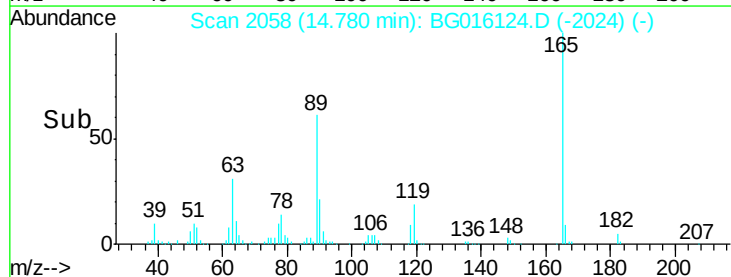
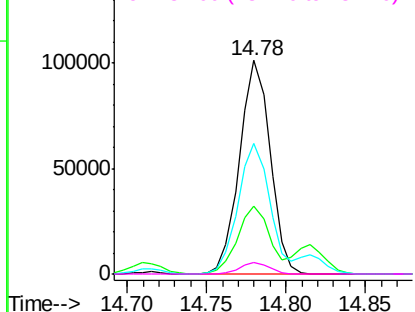


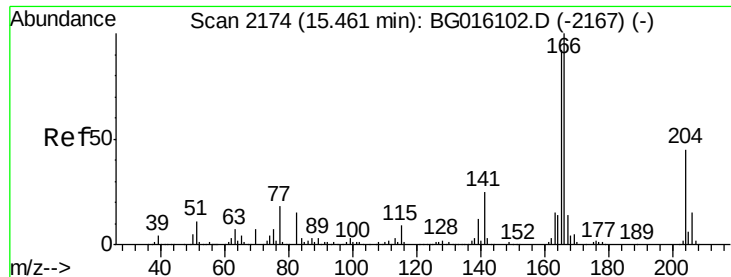
#56
2,4-Dinitrotoluene
Concen: 39.11 ng
RT: 14.78 min Scan# 2058
Delta R.T. 0.00 min
Lab File: BG016124.D
Acq: 26 Mar 2015 4:55

Tgt Ion:165 Resp: 136055
Ion Ratio Lower Upper
165 100
63 31.6 27.8 41.6
89 60.9 51.2 76.8
182 5.1 4.4 6.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): B
Ion 89.00 (88.70 to 89.70): B
Ion 182.00 (181.70 to 182.70): E

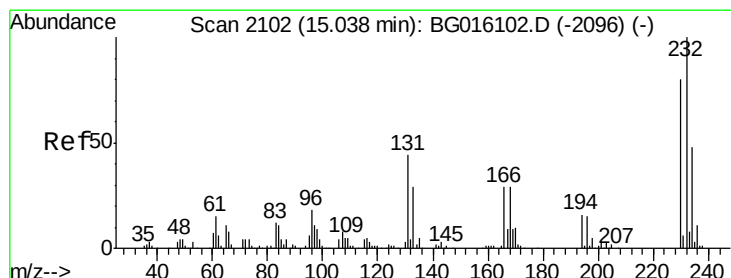
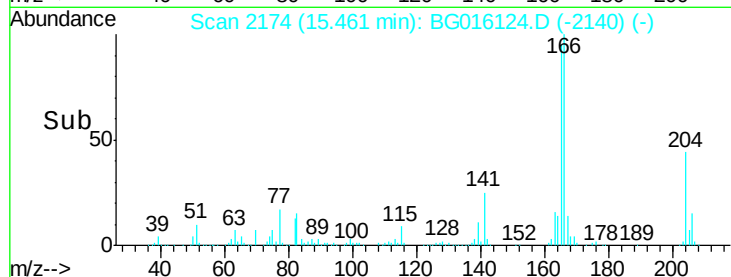
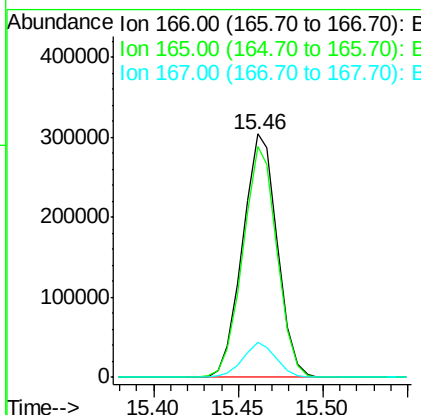
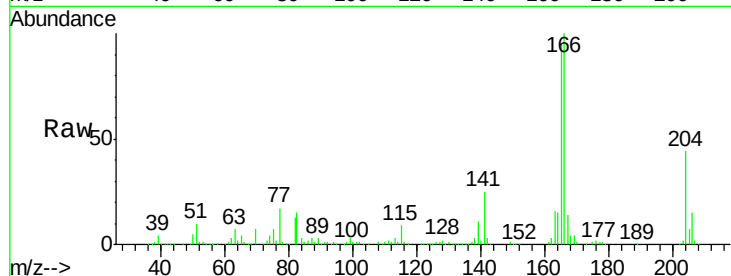




#57
 Fluorene
 Concen: 36.26 ng
 RT: 15.46 min Scan# 2174
 Delta R.T. 0.00 min
 Lab File: BG016124.D
 Acq: 26 Mar 2015 4:55

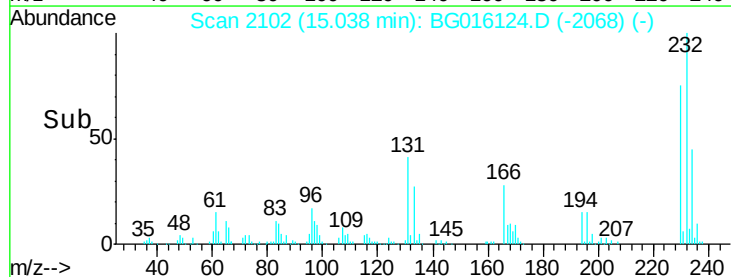
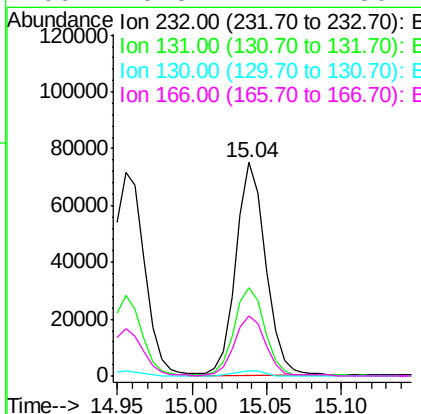
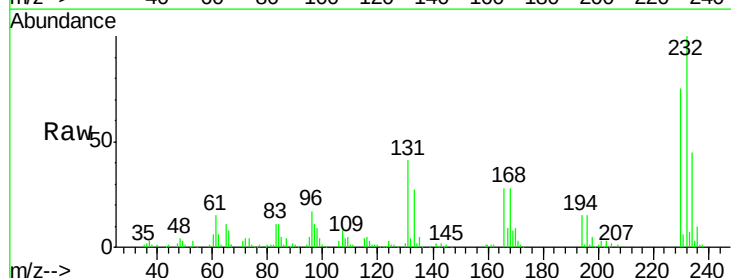
Instrument :
 BNA_G
 ClientSampleId :
 PB82242BS

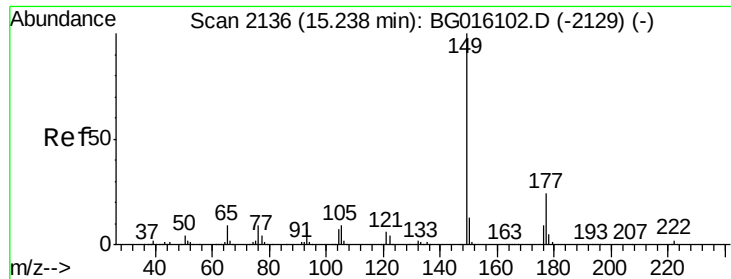
Tgt Ion:166 Resp: 435076
 Ion Ratio Lower Upper
 166 100
 165 94.6 73.9 110.9
 167 14.1 11.3 16.9



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.92 ng
 RT: 15.04 min Scan# 2102
 Delta R.T. 0.00 min
 Lab File: BG016124.D
 Acq: 26 Mar 2015 4:55

Tgt Ion:232 Resp: 103904
 Ion Ratio Lower Upper
 232 100
 131 43.1 36.0 54.0
 130 2.2 1.9 2.9
 166 29.8 24.1 36.1

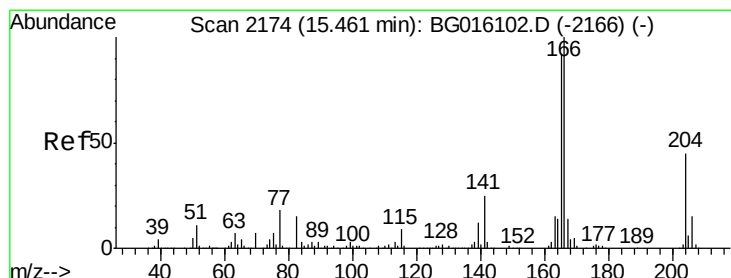
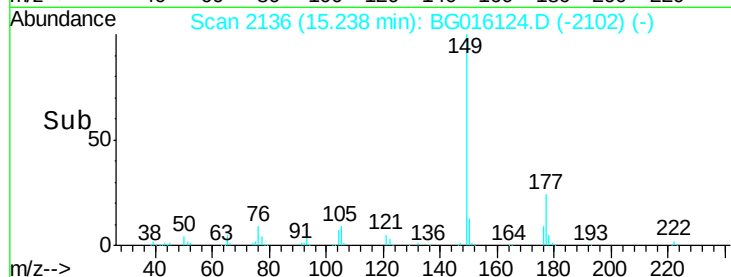
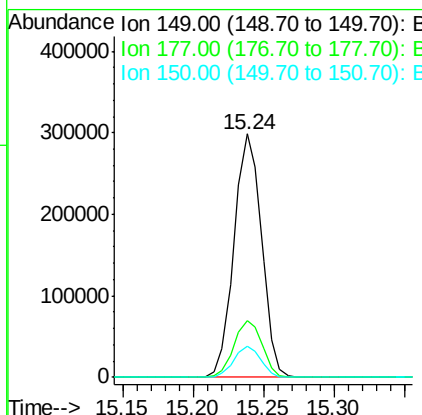
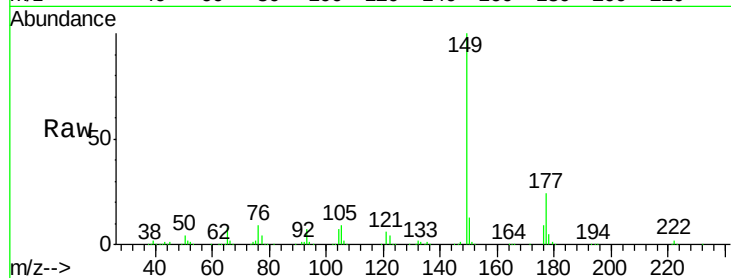




#59
Diethylphthalate
Concen: 36.81 ng
RT: 15.24 min Scan# 2136
Delta R.T. 0.00 min
Lab File: BG016124.D
Acq: 26 Mar 2015 4:55

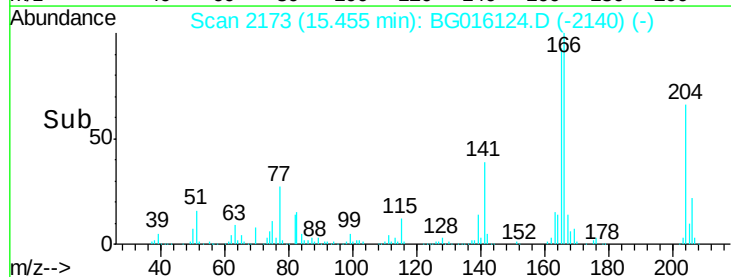
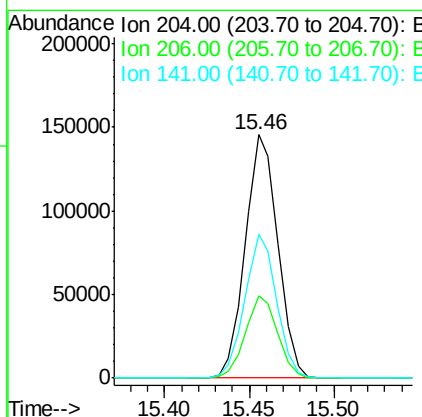
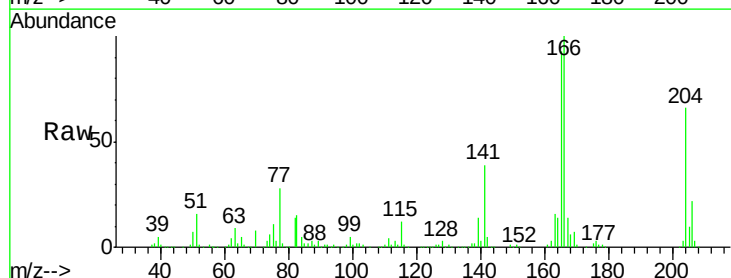
Instrument :
BNA_G
ClientSampleId :
PB82242BS

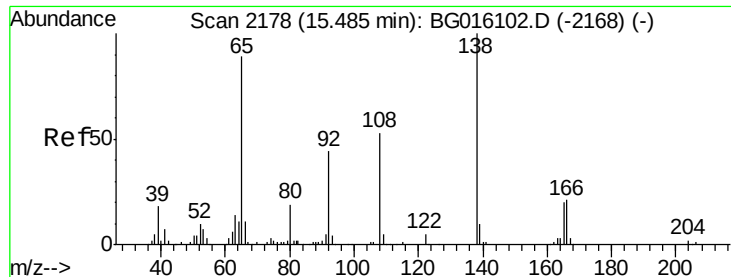
Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	19.5	29.3
150	12.6	10.1	15.1



#60
4-Chlorophenyl-phenylether
Concen: 36.95 ng
RT: 15.46 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BG016124.D
Acq: 26 Mar 2015 4:55

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.5	39.7
141	58.9	45.0	67.6





#61

4-Nitroaniline

Concen: 37.10 ng

RT: 15.48 min Scan# 2178

Delta R.T. 0.00 min

Lab File: BG016124.D

Acq: 26 Mar 2015 4:55

Instrument :

BNA_G

ClientSampleId :

PB82242BS

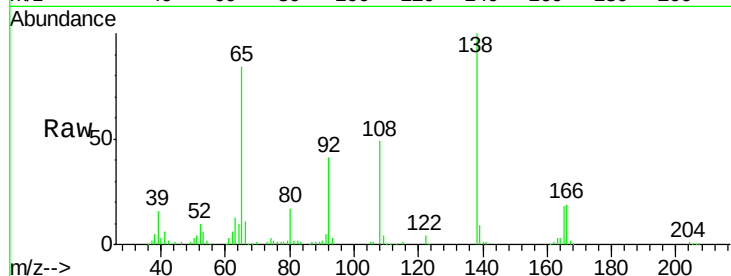
Tgt Ion: 138 Resp: 130511

Ion Ratio Lower Upper

138 100

92 41.3 24.2 64.2

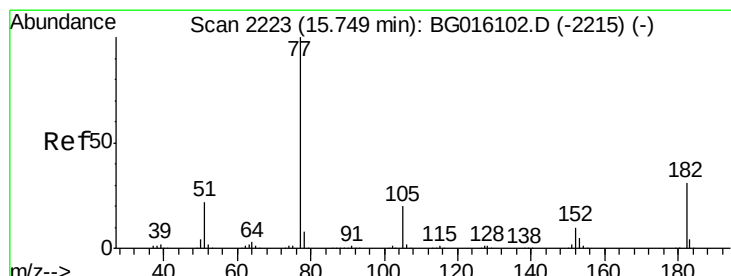
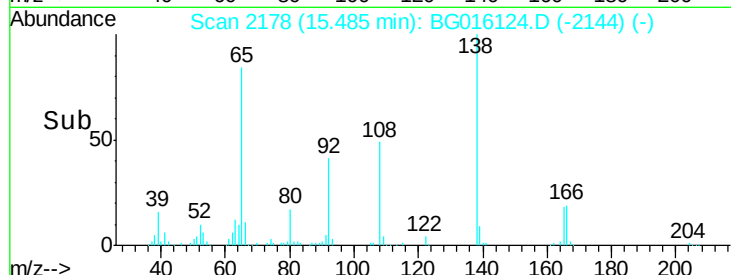
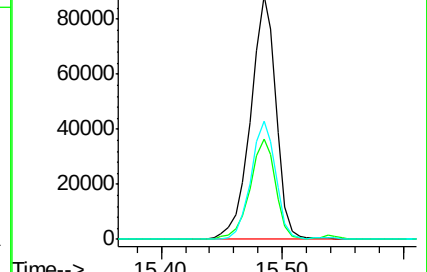
108 48.6 32.7 72.7



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: 35.67 ng

RT: 15.75 min Scan# 2223

Delta R.T. 0.00 min

Lab File: BG016124.D

Acq: 26 Mar 2015 4:55

Tgt Ion: 77 Resp: 404402

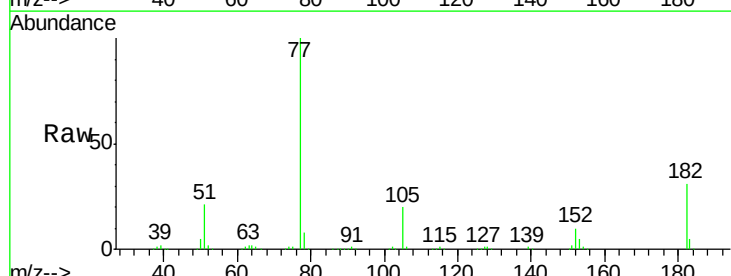
Ion Ratio Lower Upper

77 100

182 31.0 10.9 50.9

105 20.4 0.0 40.0

51 21.2 1.9 41.9

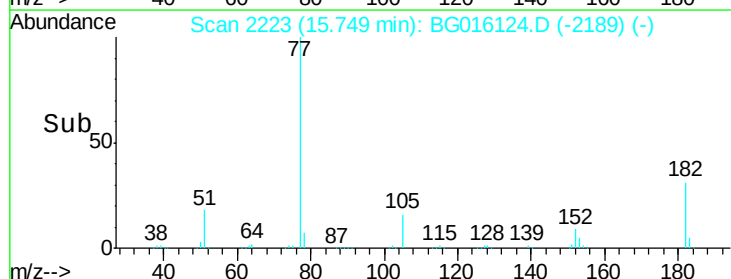
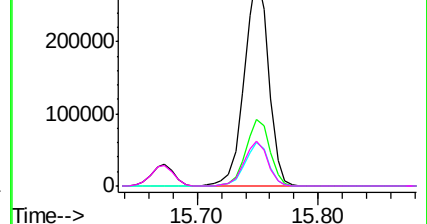


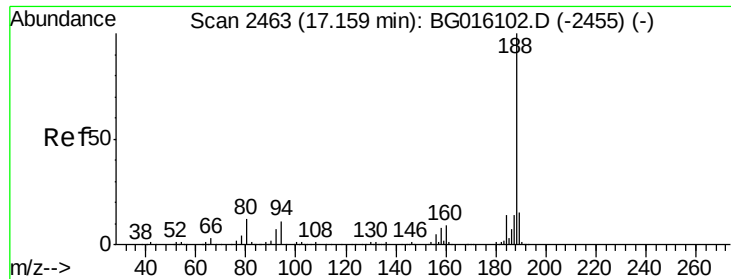
Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.15 min Scan# 2462

Delta R.T. -0.01 min

Lab File: BG016124.D

Acq: 26 Mar 2015 4:55

Instrument :

BNA_G

ClientSampleId :

PB82242BS

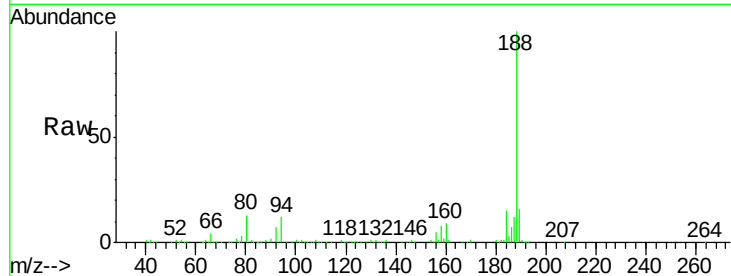
Tgt Ion:188 Resp: 326055

Ion Ratio Lower Upper

188 100

94 12.3 9.1 13.7

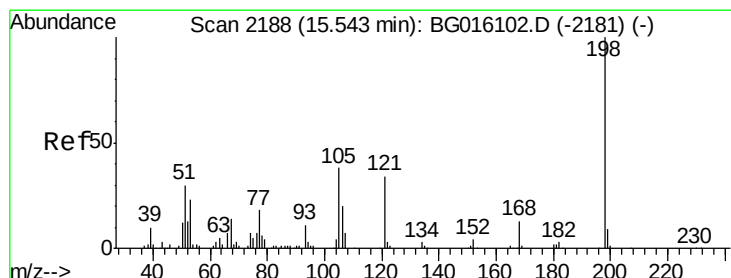
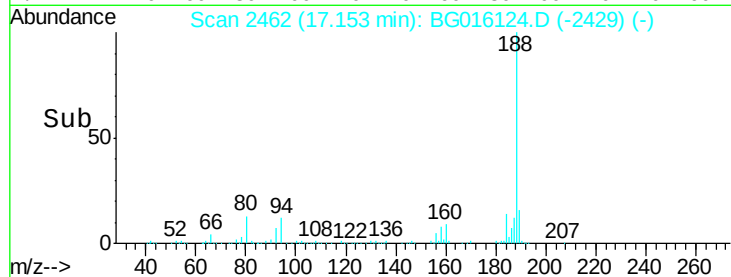
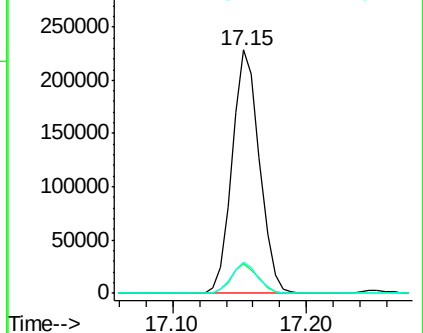
80 12.9 9.8 14.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#64

4,6-Dinitro-2-methylphenol

Concen: 36.56 ng

RT: 15.54 min Scan# 2188

Delta R.T. 0.00 min

Lab File: BG016124.D

Acq: 26 Mar 2015 4:55

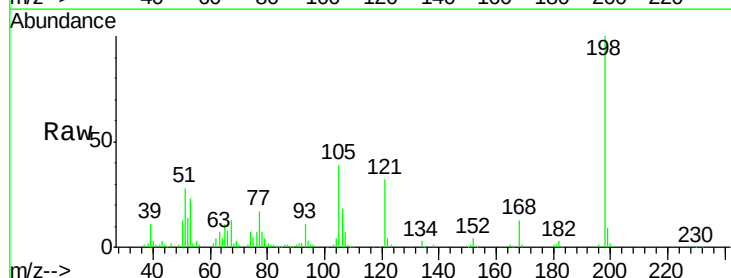
Tgt Ion:198 Resp: 81896

Ion Ratio Lower Upper

198 100

51 28.0 10.7 50.7

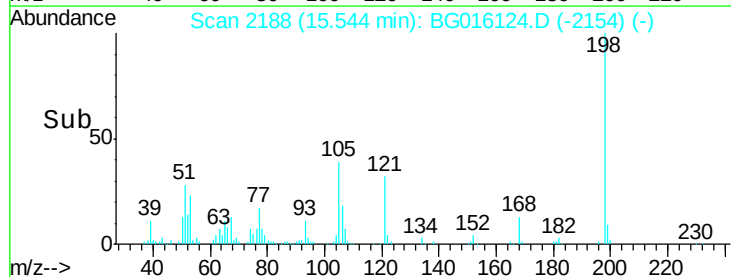
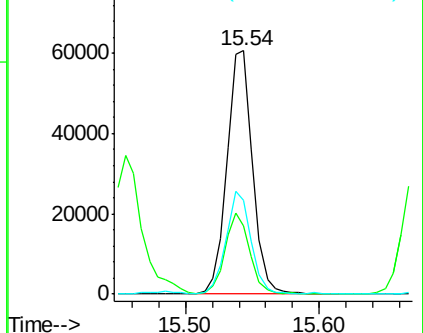
105 38.6 18.3 58.3

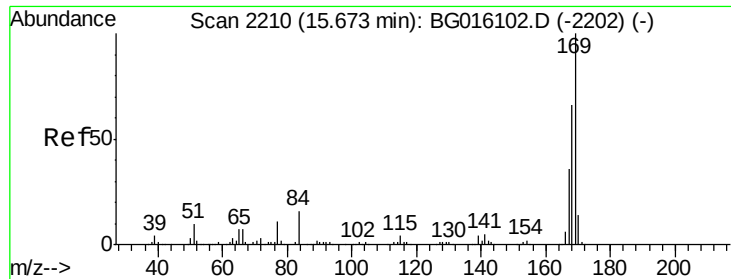


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

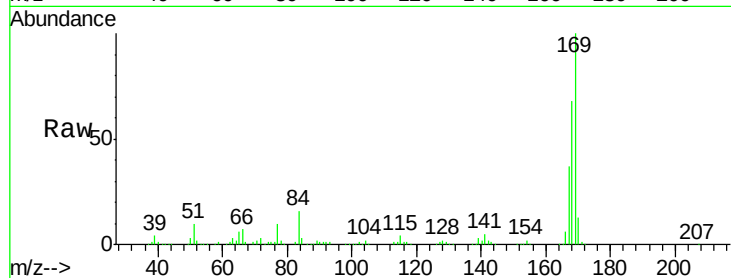




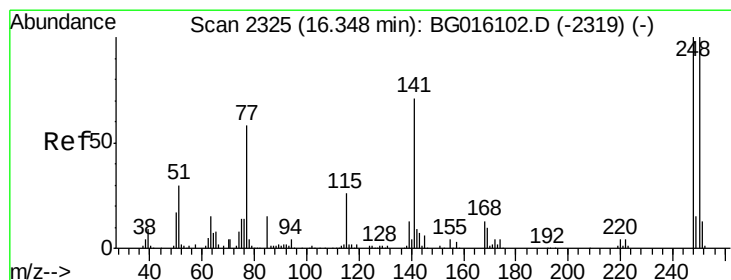
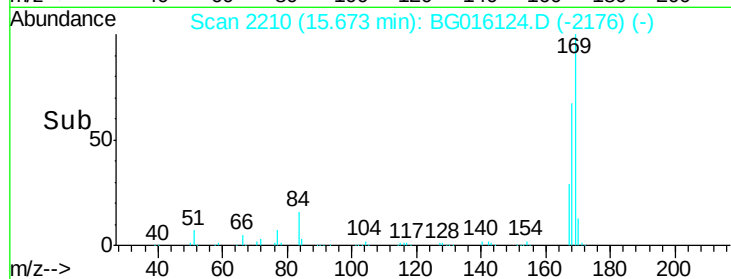
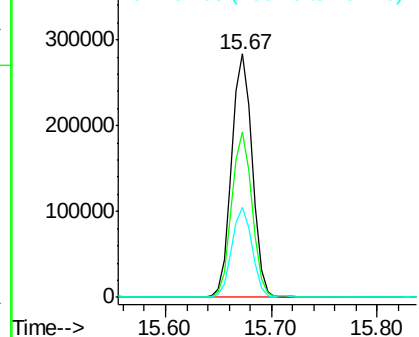
#65
 n-Nitrosodiphenylamine
 Concen: 36.57 ng
 RT: 15.67 min Scan# 2210
 Delta R.T. 0.00 min
 Lab File: BG016124.D
 Acq: 26 Mar 2015 4:55

Instrument :
 BNA_G
 ClientSampleId :
 PB82242BS

Tgt Ion:169 Resp: 380201
 Ion Ratio Lower Upper
 169 100
 168 67.9 53.0 79.4
 167 36.8 29.0 43.4

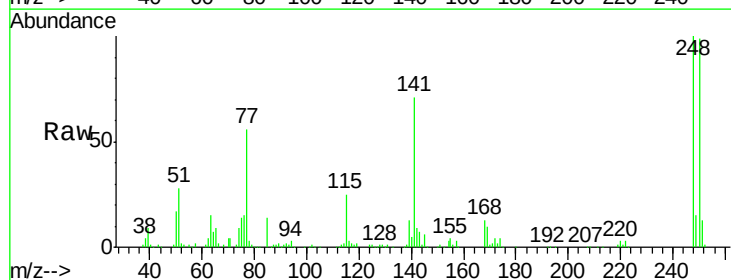


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

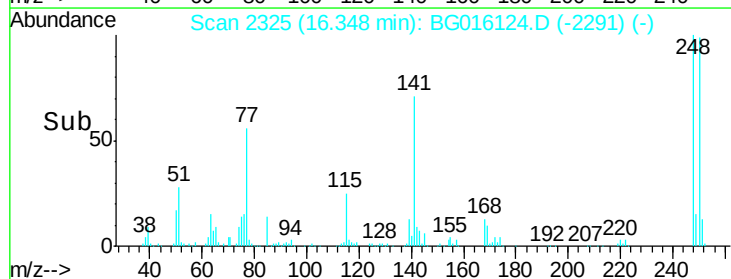
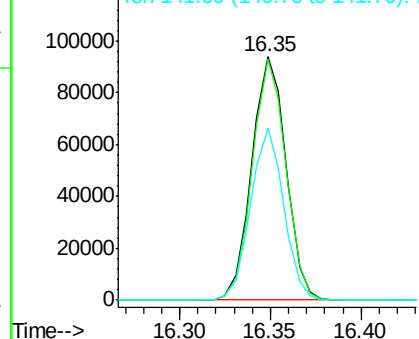


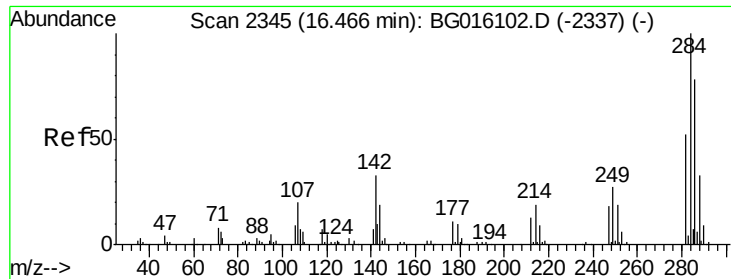
#66
 4-Bromophenyl-phenylether
 Concen: 36.73 ng
 RT: 16.35 min Scan# 2325
 Delta R.T. 0.00 min
 Lab File: BG016124.D
 Acq: 26 Mar 2015 4:55

Tgt Ion:248 Resp: 122896
 Ion Ratio Lower Upper
 248 100
 250 99.1 80.2 120.2
 141 70.8 57.0 85.4



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

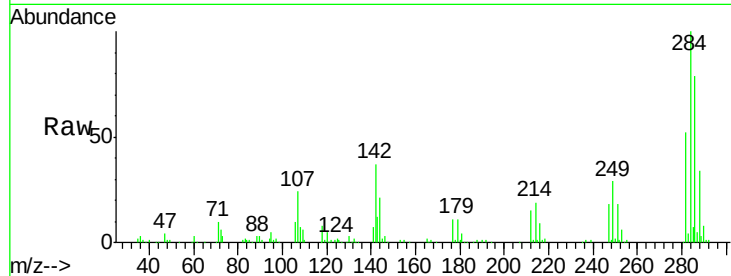




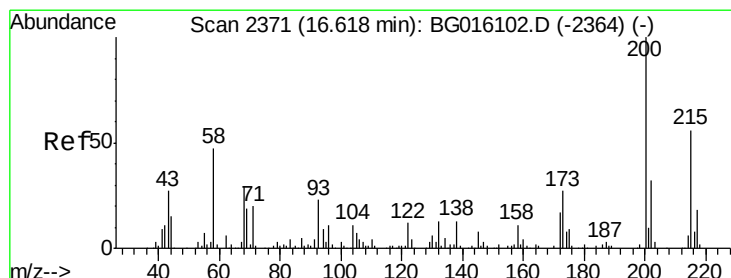
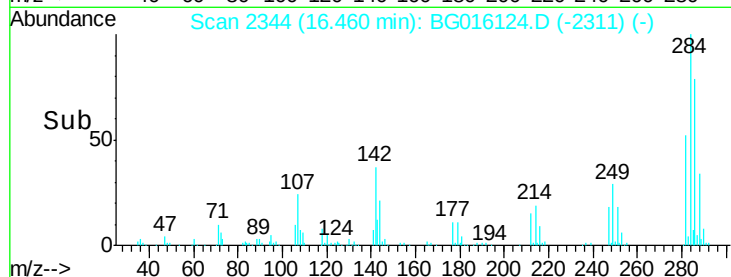
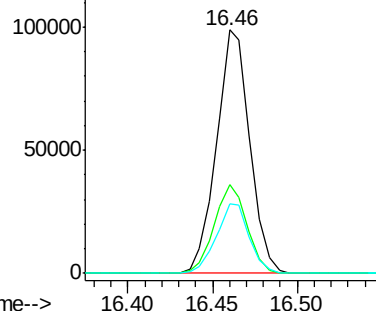
#67
Hexachlorobenzene
Concen: 35.98 ng
RT: 16.46 min Scan# 2344
Delta R.T. -0.01 min
Lab File: BG016124.D
Acq: 26 Mar 2015 4:55

Instrument :
BNA_G
ClientSampleId :
PB82242BS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.5	26.7	40.1
249	28.8	21.8	32.8

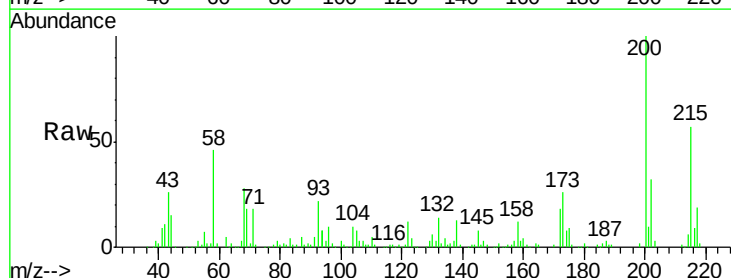


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

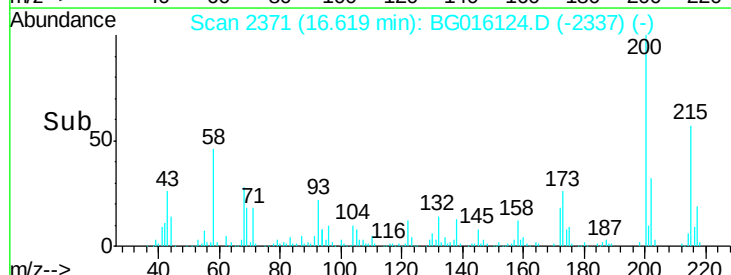
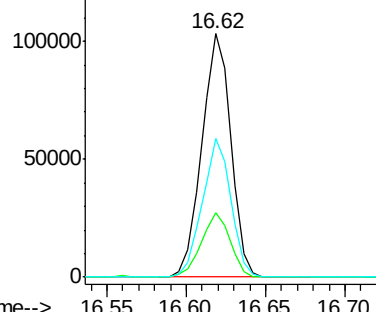


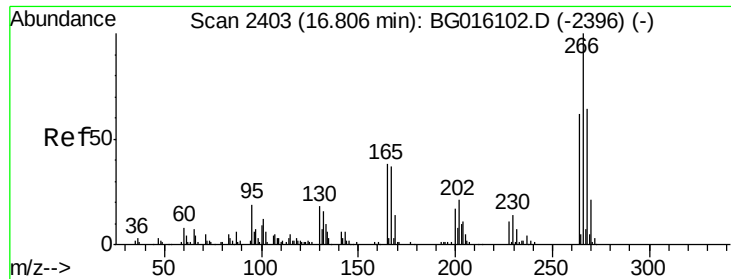
#68
Atrazine
Concen: 42.19 ng
RT: 16.62 min Scan# 2371
Delta R.T. 0.00 min
Lab File: BG016124.D
Acq: 26 Mar 2015 4:55

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.5	7.5	47.5
215	57.2	36.4	76.4



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

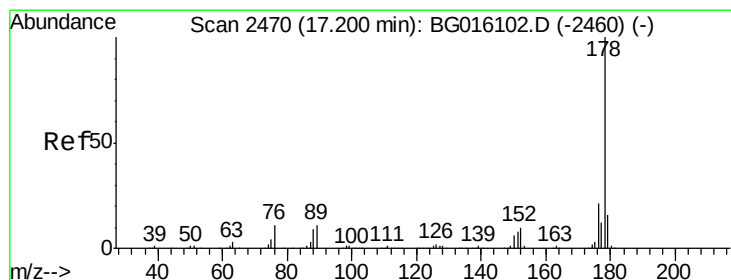
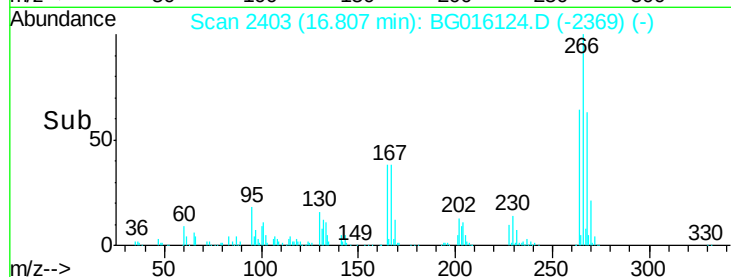
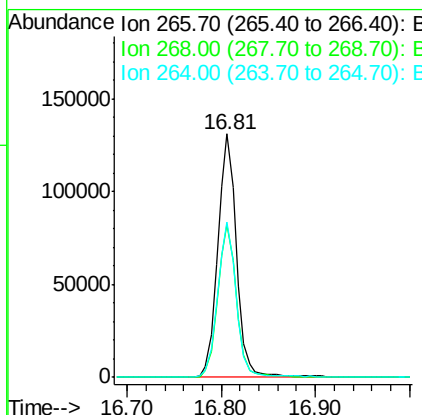
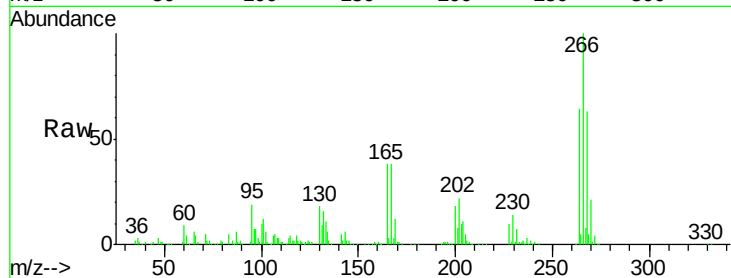




#69
 Pentachlorophenol
 Concen: 85.30 ng
 RT: 16.81 min Scan# 2403
 Delta R.T. 0.00 min
 Lab File: BG016124.D
 Acq: 26 Mar 2015 4:55

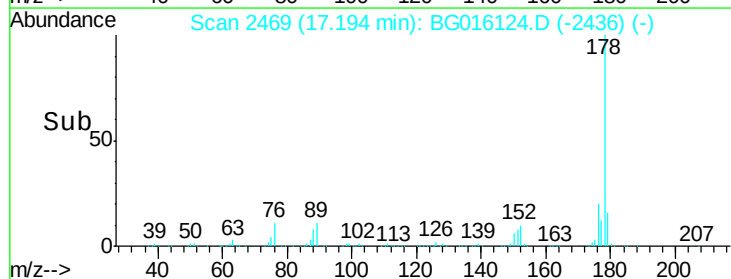
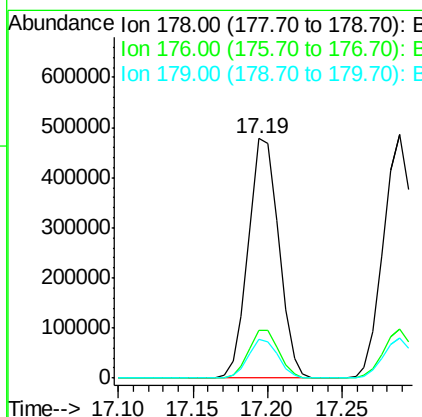
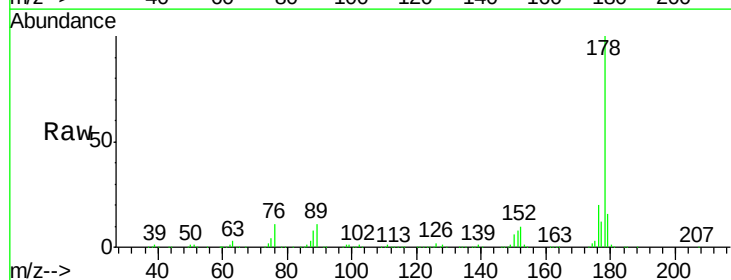
Instrument :
 BNA_G
 ClientSampleId :
 PB82242BS

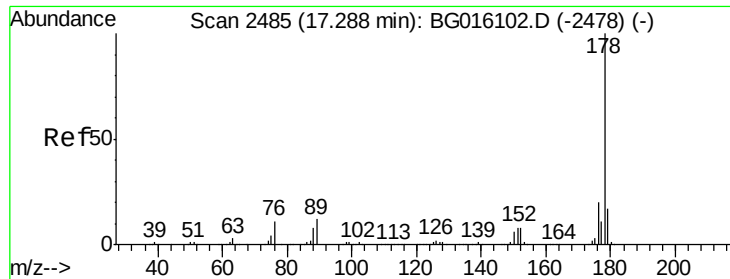
Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	51.5	77.3
264	63.6	49.8	74.6



#70
 Phenanthrene
 Concen: 36.86 ng
 RT: 17.19 min Scan# 2469
 Delta R.T. -0.01 min
 Lab File: BG016124.D
 Acq: 26 Mar 2015 4:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.5	24.7
179	16.1	13.0	19.6

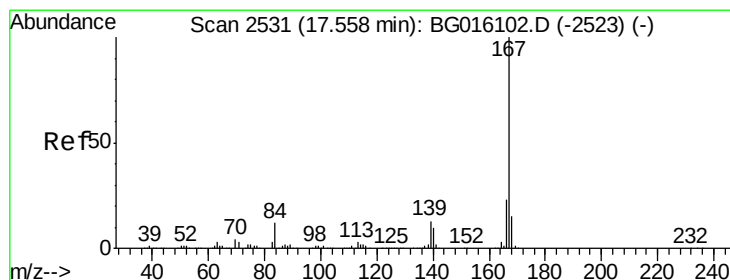
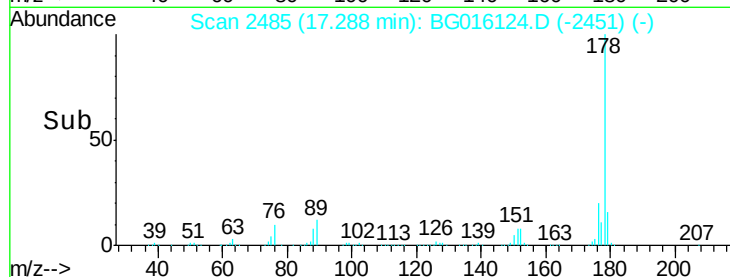
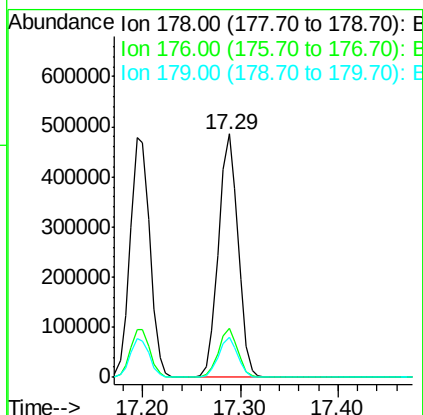
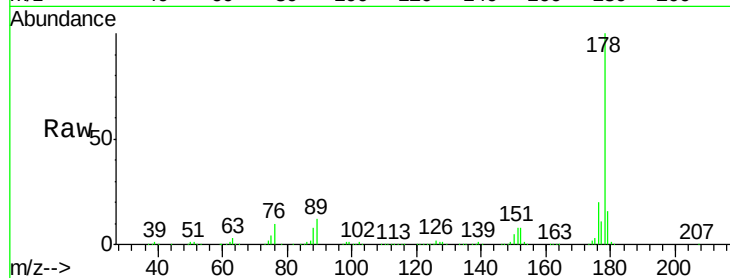




#71
 Anthracene
 Concen: 37.27 ng
 RT: 17.29 min Scan# 2485
 Delta R.T. 0.00 min
 Lab File: BG016124.D
 Acq: 26 Mar 2015 4:55

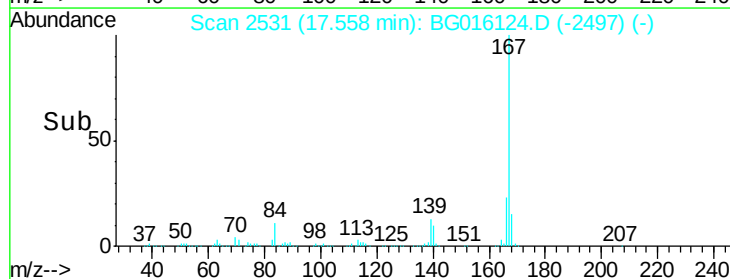
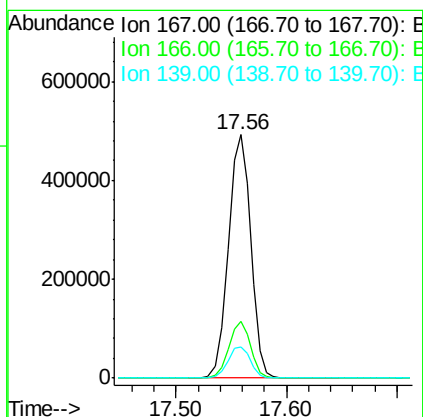
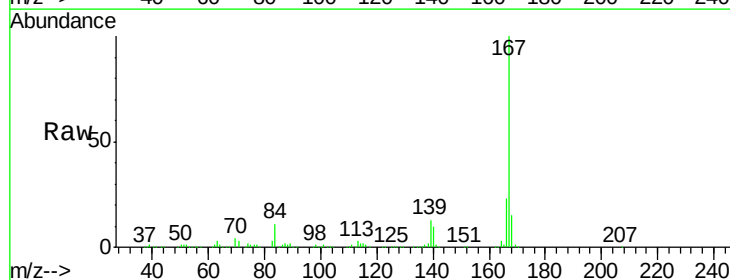
Instrument :
 BNA_G
 ClientSampleId :
 PB82242BS

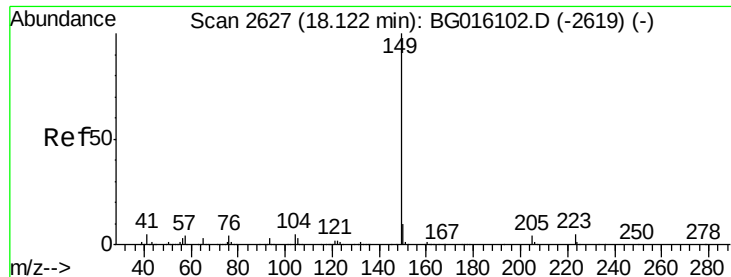
Tgt Ion:178 Resp: 678224
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.6 23.4
 179 16.5 13.3 19.9



#72
 Carbazole
 Concen: 39.26 ng
 RT: 17.56 min Scan# 2531
 Delta R.T. 0.00 min
 Lab File: BG016124.D
 Acq: 26 Mar 2015 4:55

Tgt Ion:167 Resp: 701045
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.2 27.2
 139 13.0 10.7 16.1

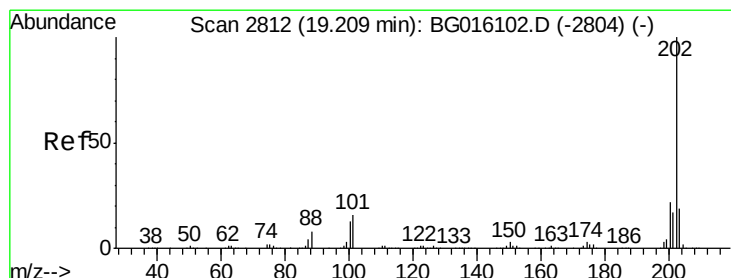
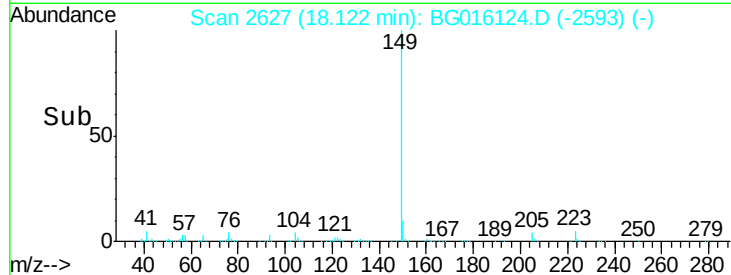
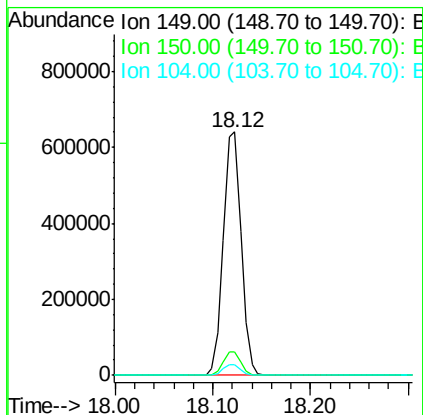
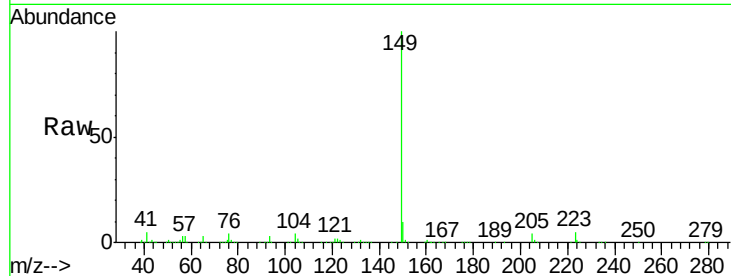




#73
Di-n-butylphthalate
Concen: 40.40 ng
RT: 18.12 min Scan# 2627
Delta R.T. 0.00 min
Lab File: BG016124.D
Acq: 26 Mar 2015 4:55

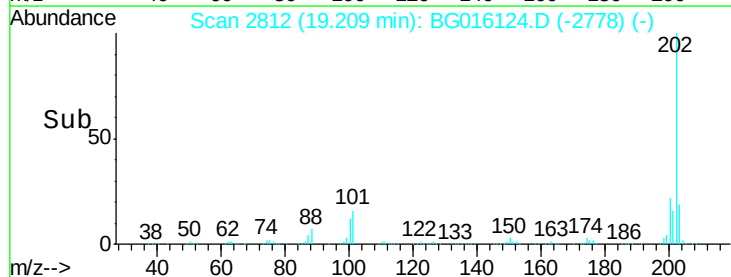
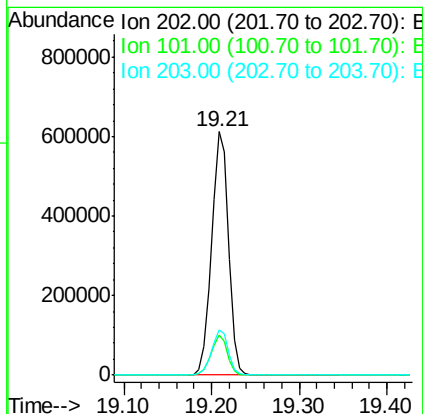
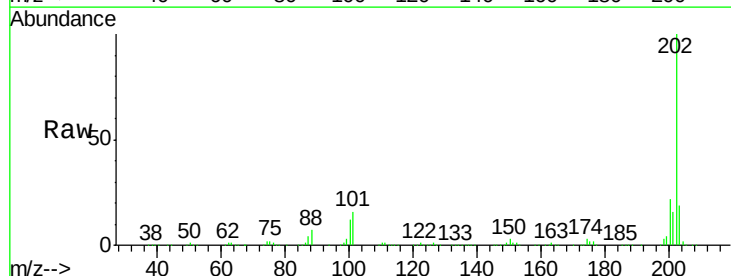
Instrument :
BNA_G
ClientSampleId :
PB82242BS

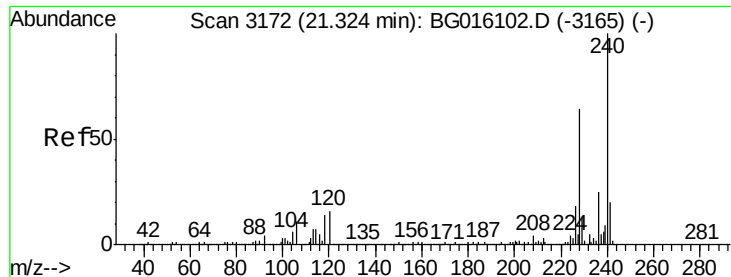
Tgt Ion:149 Resp: 815816
Ion Ratio Lower Upper
149 100
150 9.5 8.0 12.0
104 4.4 3.8 5.6



#74
Fluoranthene
Concen: 40.34 ng
RT: 19.21 min Scan# 2812
Delta R.T. 0.00 min
Lab File: BG016124.D
Acq: 26 Mar 2015 4:55

Tgt Ion:202 Resp: 822121
Ion Ratio Lower Upper
202 100
101 16.4 0.0 35.9
203 18.7 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.33 min Scan# 3173

Delta R.T. 0.01 min

Lab File: BG016124.D

Acq: 26 Mar 2015 4:55

Instrument :

BNA_G

ClientSampleId :

PB82242BS

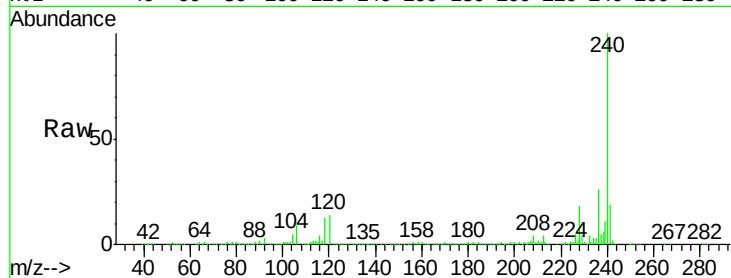
Tgt Ion:240 Resp: 389853

Ion Ratio Lower Upper

240 100

120 14.2 13.0 19.4

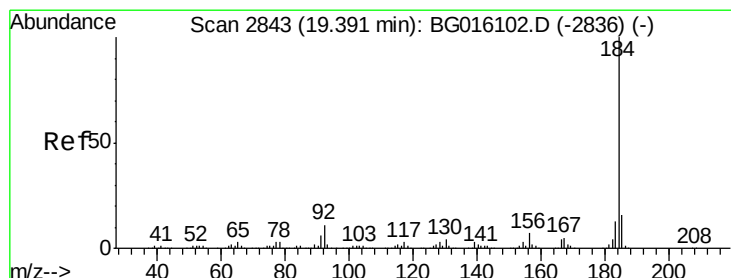
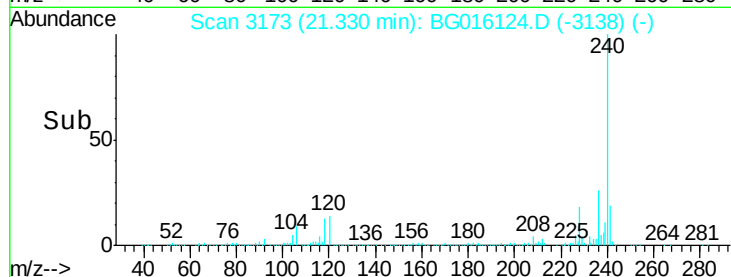
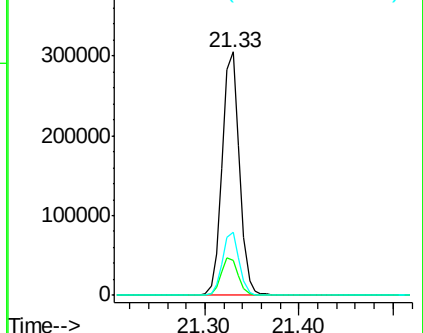
236 25.9 20.2 30.2



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: 34.59 ng

RT: 19.40 min Scan# 2844

Delta R.T. 0.01 min

Lab File: BG016124.D

Acq: 26 Mar 2015 4:55

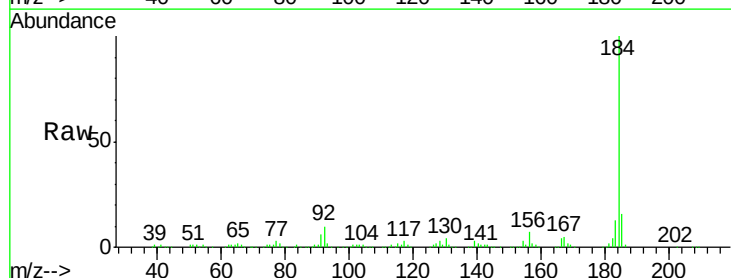
Tgt Ion:184 Resp: 353328

Ion Ratio Lower Upper

184 100

185 15.6 12.6 18.8

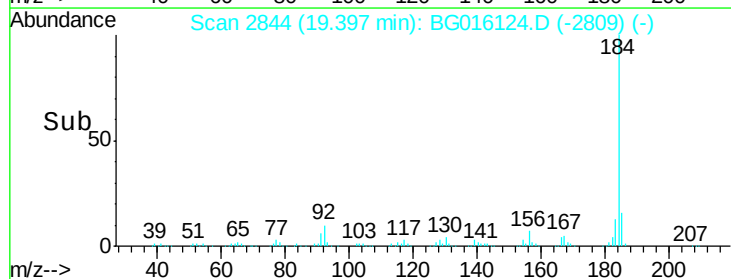
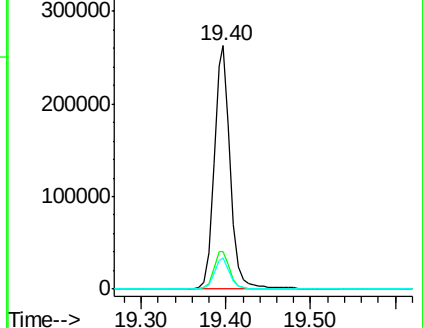
183 12.8 10.2 15.4

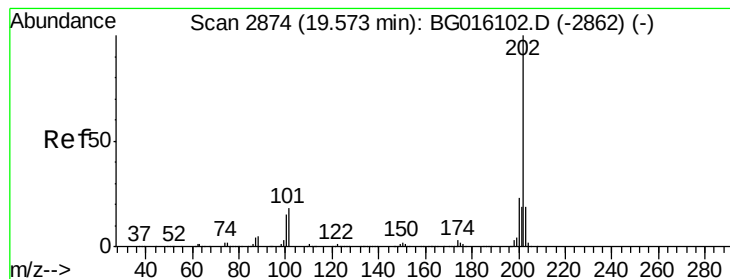


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 35.85 ng

RT: 19.57 min Scan# 2874

Delta R.T. 0.00 min

Lab File: BG016124.D

Acq: 26 Mar 2015 4:55

Instrument :

BNA_G

ClientSampleId :

PB82242BS

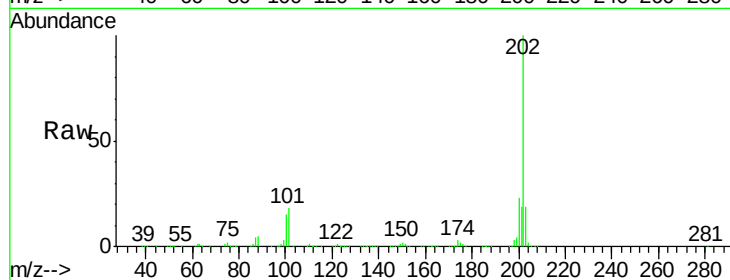
Tgt Ion:202 Resp: 861667

Ion Ratio Lower Upper

202 100

200 23.0 18.4 27.6

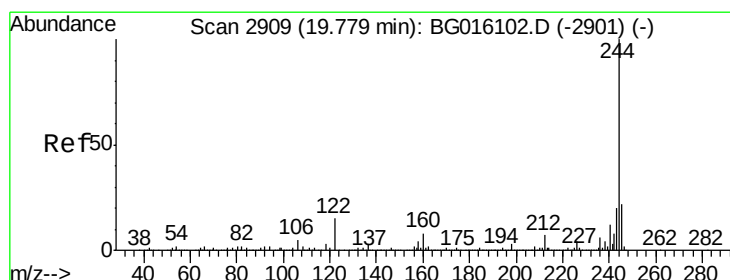
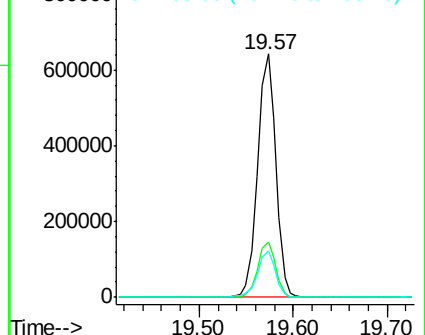
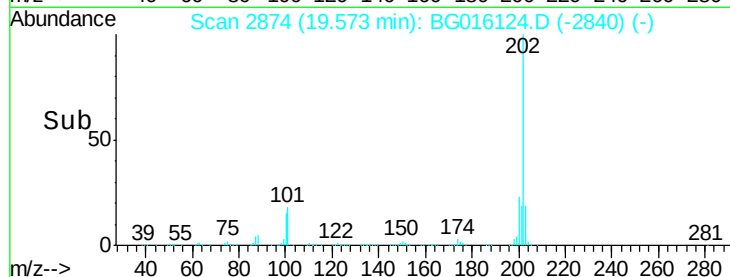
203 19.3 15.4 23.0



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: 78.67 ng

RT: 19.78 min Scan# 2909

Delta R.T. 0.00 min

Lab File: BG016124.D

Acq: 26 Mar 2015 4:55

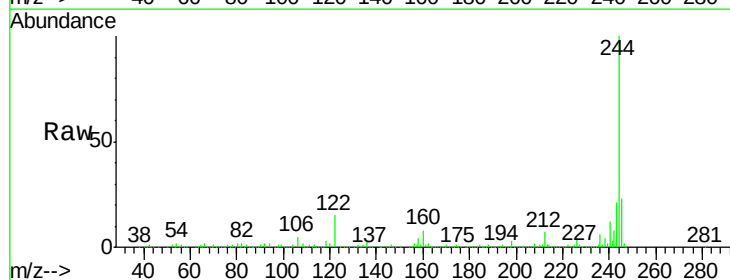
Tgt Ion:244 Resp: 1146275

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

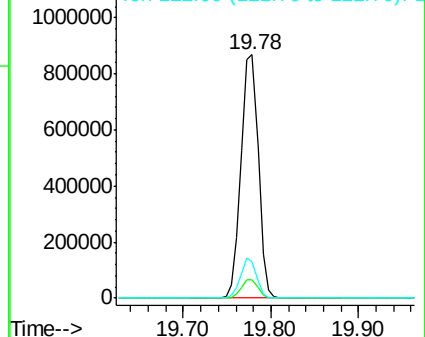
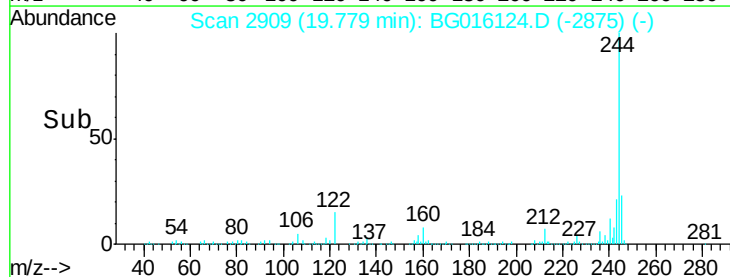
122 15.1 12.2 18.2

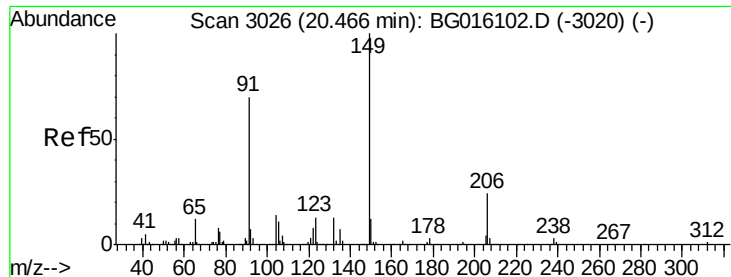


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

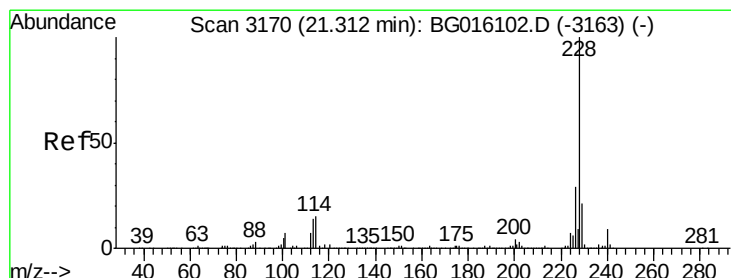
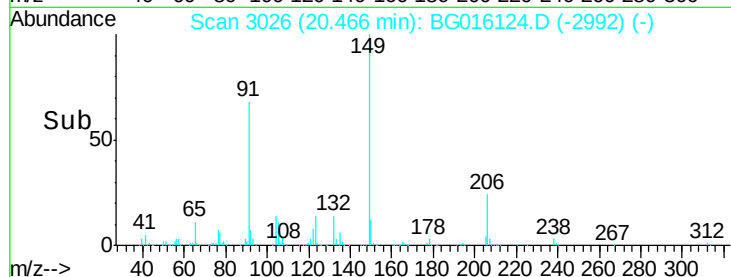
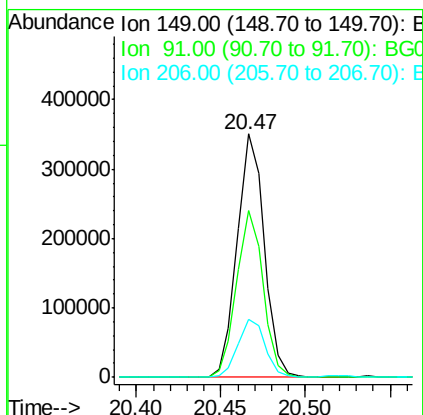
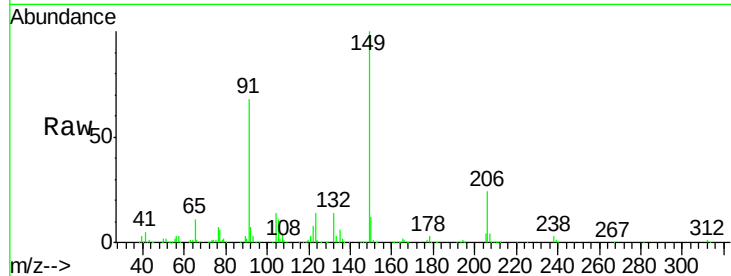




#79
Butylbenzylphthalate
Concen: 39.21 ng
RT: 20.47 min Scan# 3026
Delta R.T. 0.00 min
Lab File: BG016124.D
Acq: 26 Mar 2015 4:55

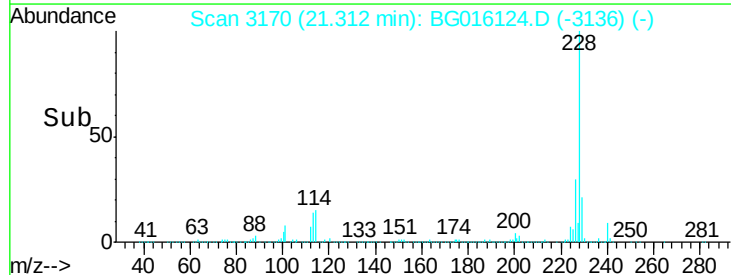
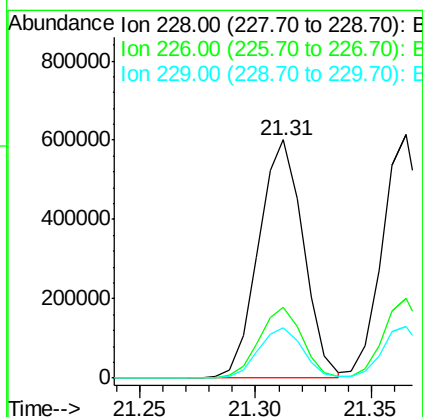
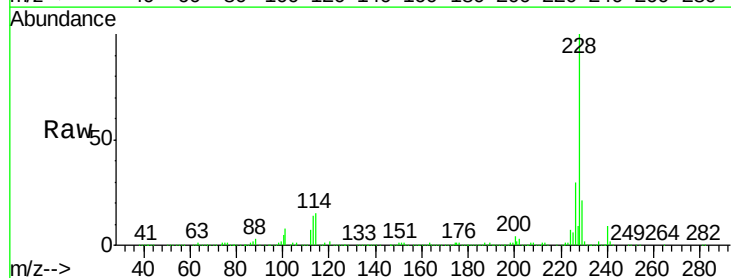
Instrument :
BNA_G
ClientSampleId :
PB82242BS

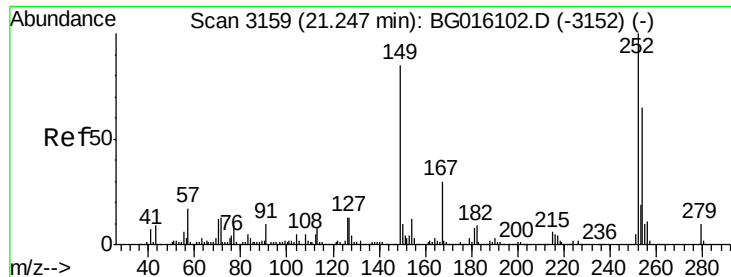
Tgt Ion:149 Resp: 393081
Ion Ratio Lower Upper
149 100
91 68.4 55.8 83.6
206 23.9 19.1 28.7



#80
Benzo(a)anthracene
Concen: 36.53 ng
RT: 21.31 min Scan# 3170
Delta R.T. 0.00 min
Lab File: BG016124.D
Acq: 26 Mar 2015 4:55

Tgt Ion:228 Resp: 807660
Ion Ratio Lower Upper
228 100
226 29.6 23.0 34.4
229 21.1 16.8 25.2

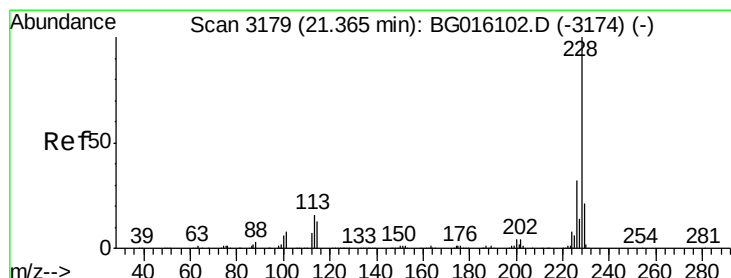
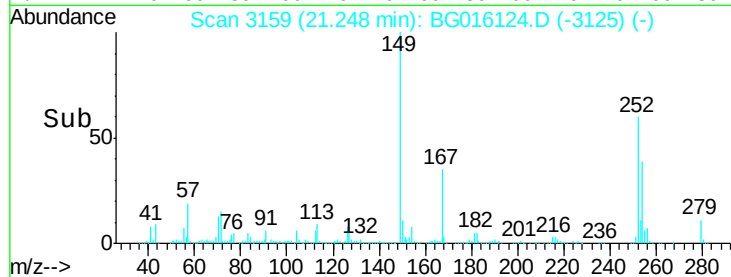
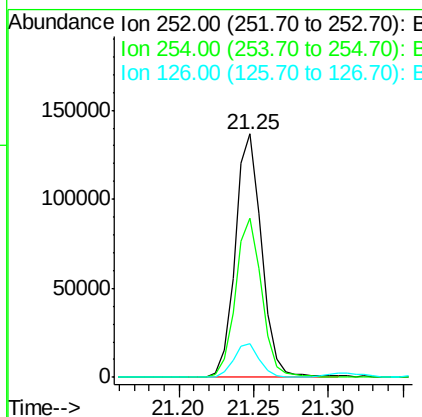
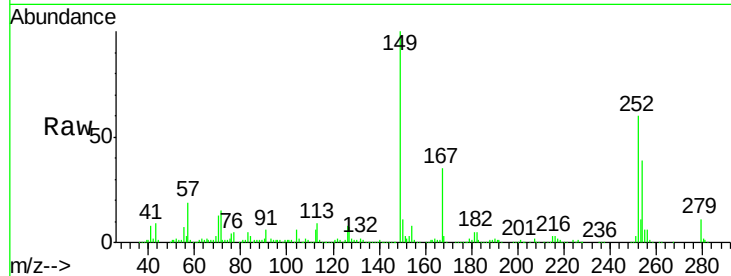




#81
 3,3'-Dichlorobenzidine
 Concen: 21.91 ng
 RT: 21.25 min Scan# 3159
 Delta R.T. 0.00 min
 Lab File: BG016124.D
 Acq: 26 Mar 2015 4:55

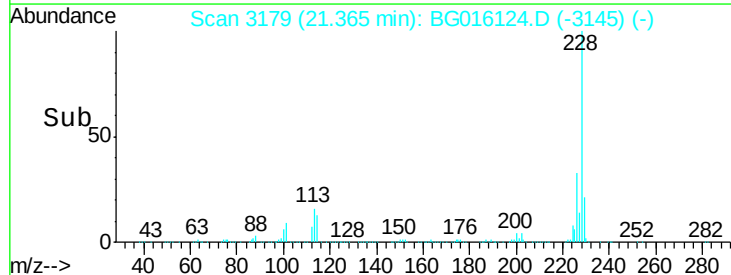
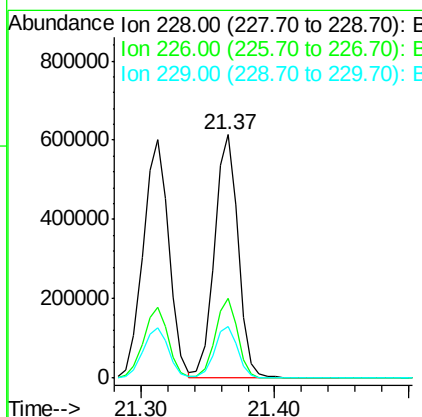
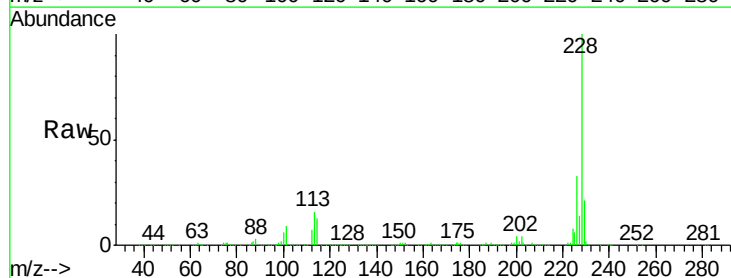
Instrument :
 BNA_G
 ClientSampleId :
 PB82242BS

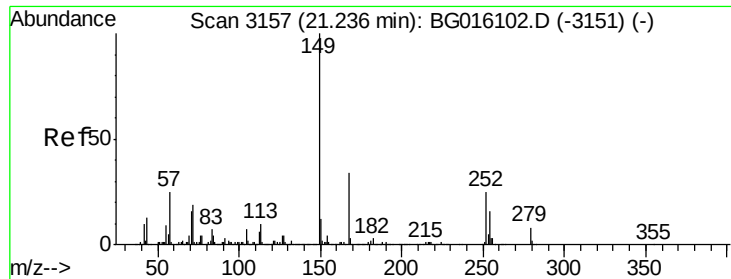
Tgt Ion: 252 Resp: 168426
 Ion Ratio Lower Upper
 252 100
 254 65.5 51.7 77.5
 126 14.0 10.6 16.0



#82
 Chrysene
 Concen: 37.70 ng
 RT: 21.37 min Scan# 3179
 Delta R.T. 0.00 min
 Lab File: BG016124.D
 Acq: 26 Mar 2015 4:55

Tgt Ion: 228 Resp: 763703
 Ion Ratio Lower Upper
 228 100
 226 32.5 25.7 38.5
 229 21.4 17.0 25.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.96 ng

RT: 21.24 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG016124.D

Acq: 26 Mar 2015 4:55

Instrument :

BNA_G

ClientSampleId :

PB82242BS

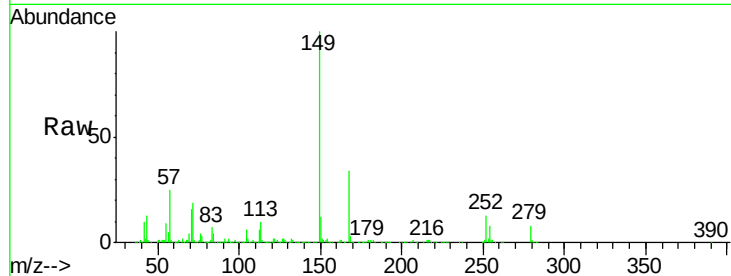
Tgt Ion:149 Resp: 522637

Ion Ratio Lower Upper

149 100

167 33.9 27.1 40.7

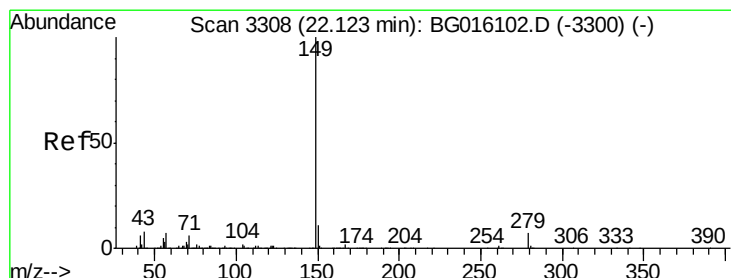
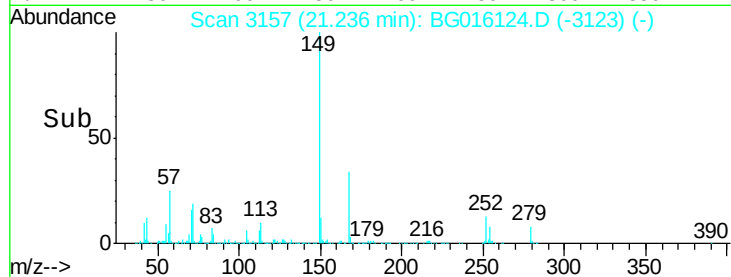
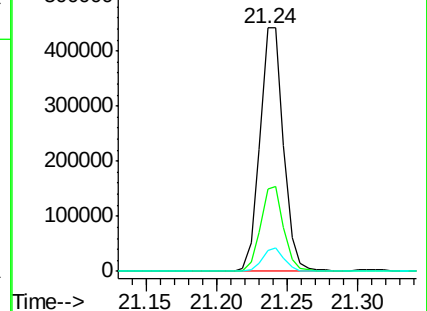
279 8.3 6.4 9.6



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: 37.69 ng

RT: 22.12 min Scan# 3308

Delta R.T. 0.00 min

Lab File: BG016124.D

Acq: 26 Mar 2015 4:55

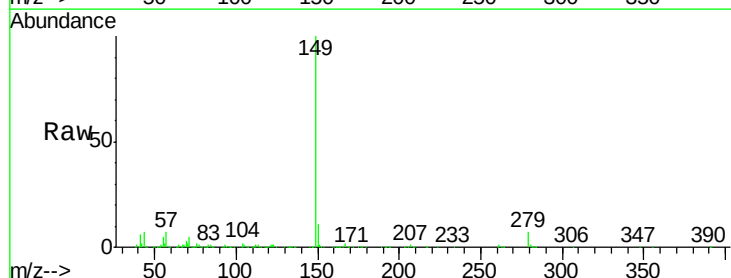
Tgt Ion:149 Resp: 875027

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

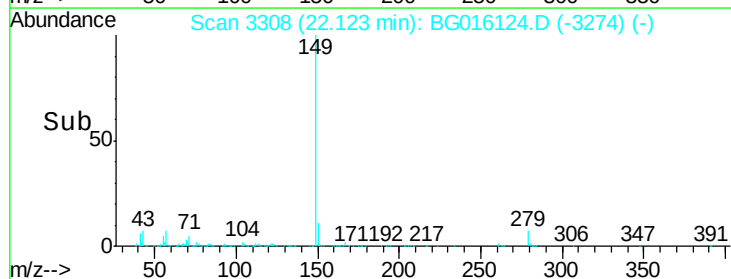
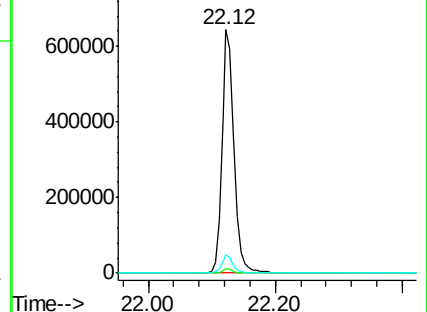
43 7.1 6.1 9.1

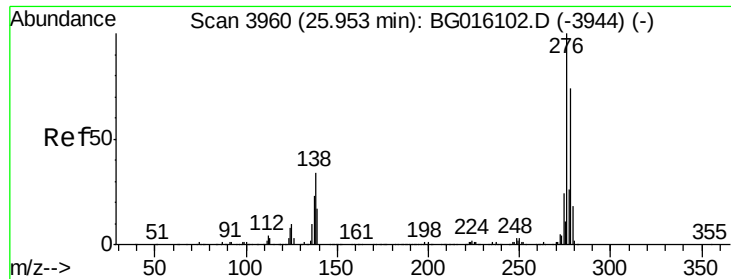


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO





#85

Indeno(1,2,3-cd)pyrene

Concen: 35.01 ng

RT: 25.95 min Scan# 3960

Delta R.T. 0.00 min

Lab File: BG016124.D

Acq: 26 Mar 2015 4:55

Instrument :

BNA_G

ClientSampleId :

PB82242BS

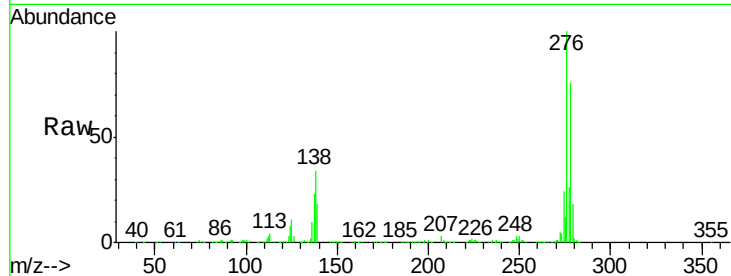
Tgt Ion:276 Resp: 911896

Ion Ratio Lower Upper

276 100

138 33.7 26.9 40.3

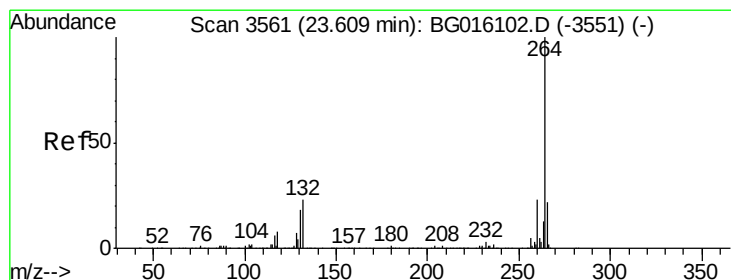
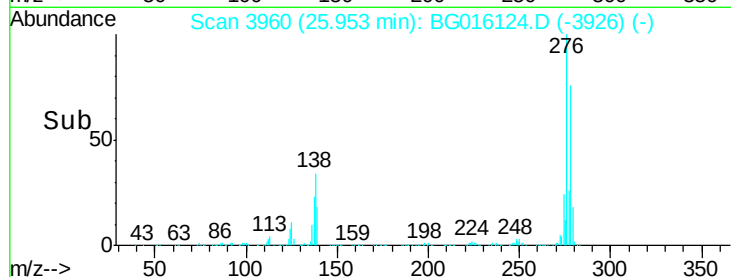
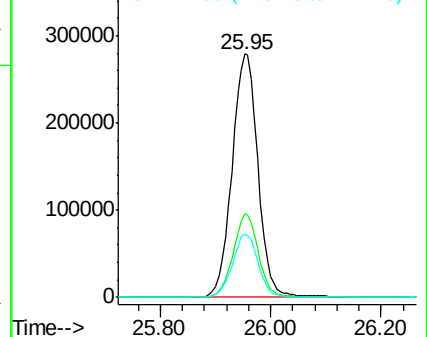
277 25.9 20.7 31.1



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: 23.61 min Scan# 3561

Delta R.T. 0.00 min

Lab File: BG016124.D

Acq: 26 Mar 2015 4:55

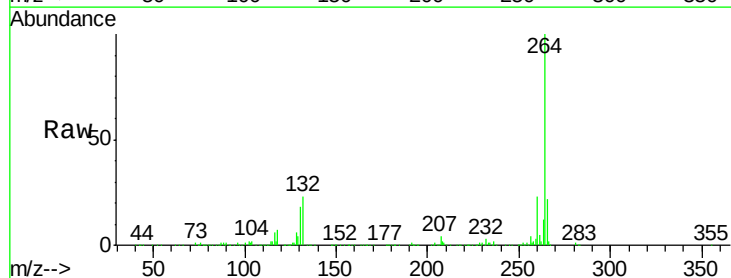
Tgt Ion:264 Resp: 372281

Ion Ratio Lower Upper

264 100

260 23.2 18.4 27.6

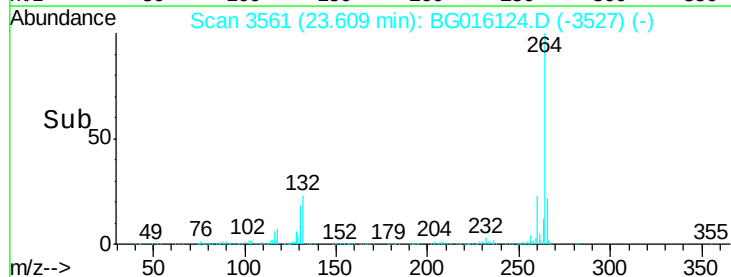
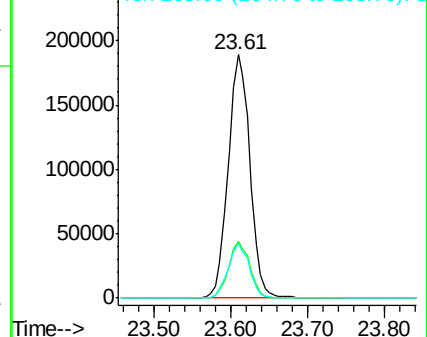
265 22.2 17.3 25.9

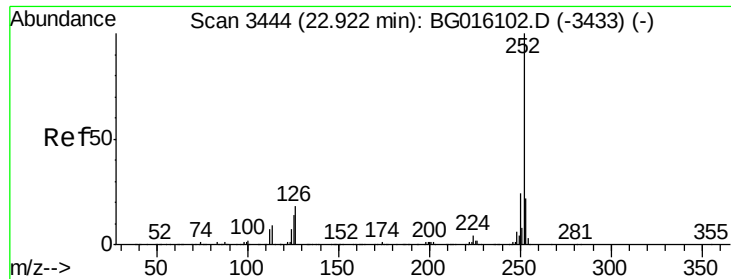


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 37.60 ng

RT: 22.92 min Scan# 3444

Delta R.T. 0.00 min

Lab File: BG016124.D

Acq: 26 Mar 2015 4:55

Instrument :

BNA_G

ClientSampleId :

PB82242BS

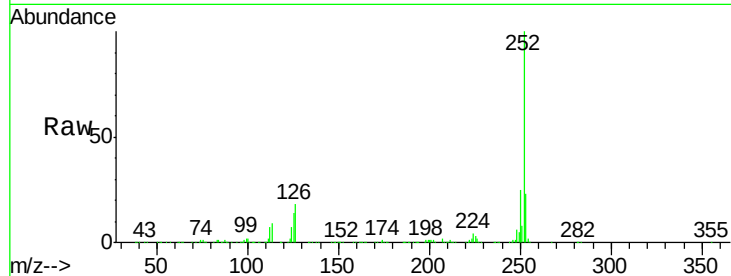
Tgt Ion:252 Resp: 810142

Ion Ratio Lower Upper

252 100

253 23.4 17.9 26.9

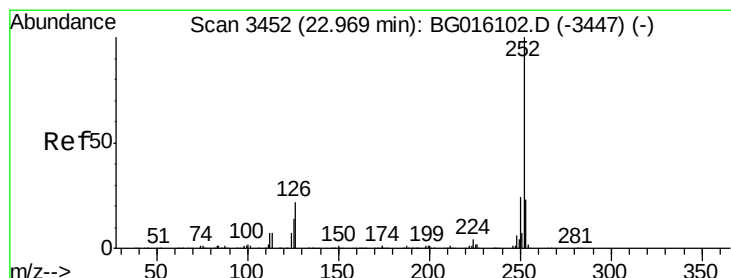
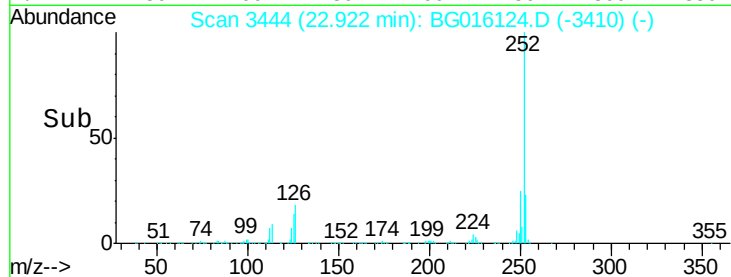
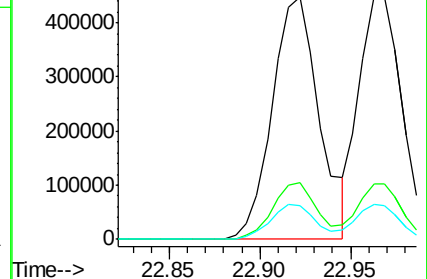
125 13.7 11.1 16.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 35.65 ng

RT: 22.96 min Scan# 3451

Delta R.T. -0.01 min

Lab File: BG016124.D

Acq: 26 Mar 2015 4:55

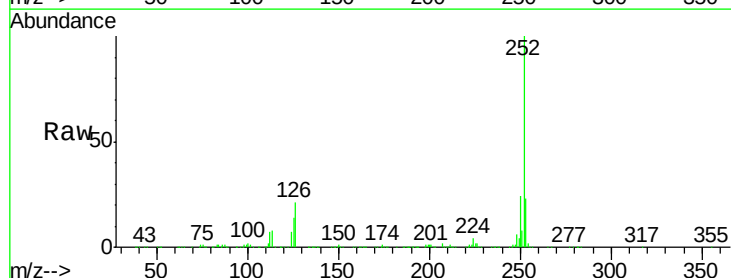
Tgt Ion:252 Resp: 748127

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.4

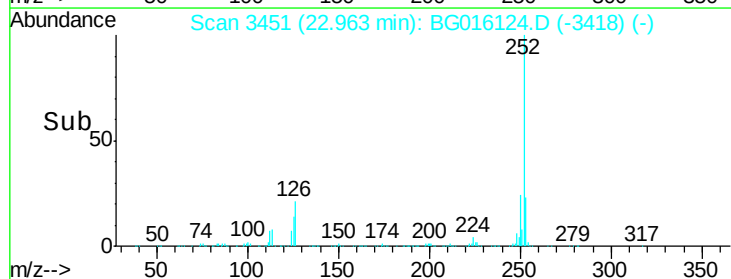
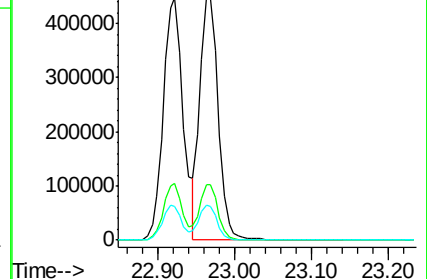
125 14.3 11.0 16.4

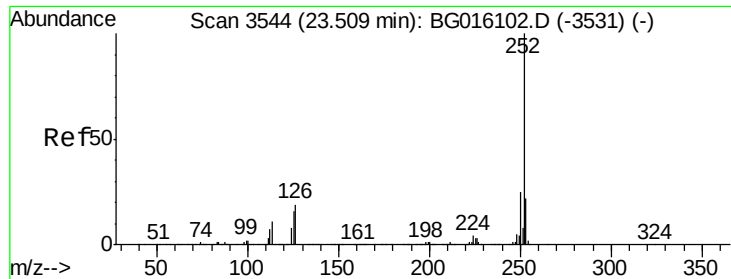


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.06 ng

RT: 23.52 min Scan# 3545

Delta R.T. 0.01 min

Lab File: BG016124.D

Acq: 26 Mar 2015 4:55

Instrument :

BNA_G

ClientSampleId :

PB82242BS

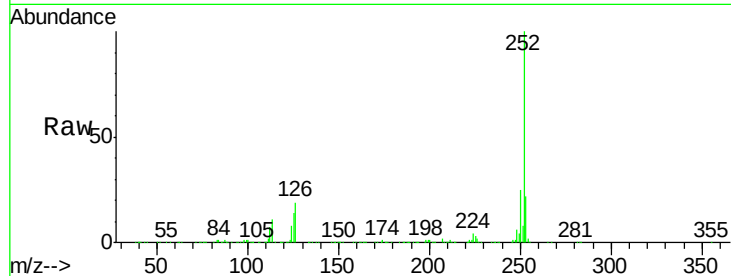
Tgt Ion:252 Resp: 764651

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

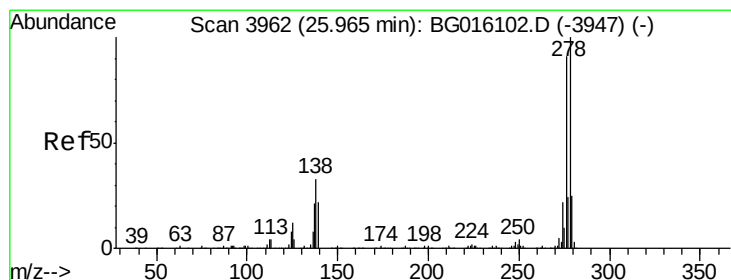
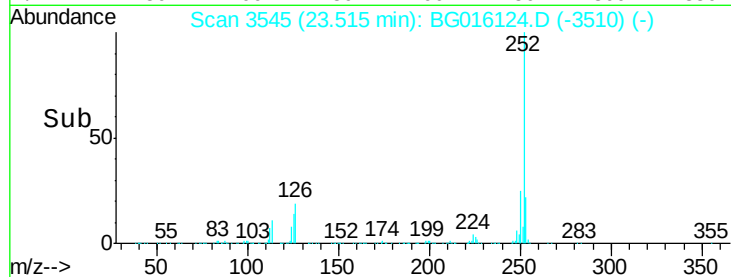
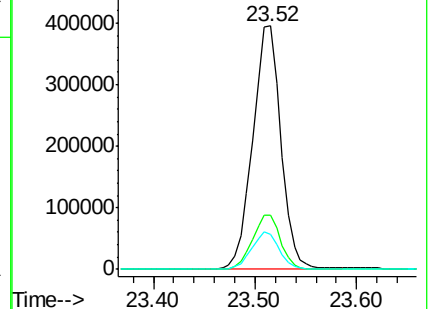
125 14.4 12.5 18.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 36.36 ng

RT: 25.96 min Scan# 3962

Delta R.T. 0.00 min

Lab File: BG016124.D

Acq: 26 Mar 2015 4:55

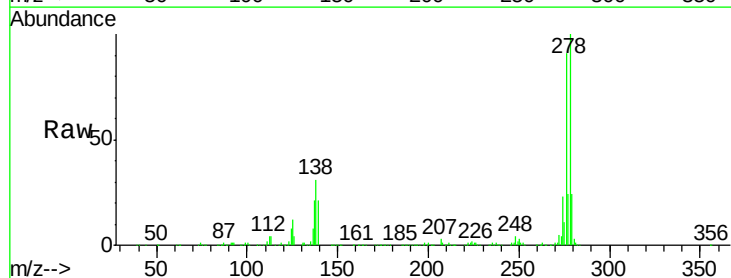
Tgt Ion:278 Resp: 761117

Ion Ratio Lower Upper

278 100

139 21.3 17.8 26.8

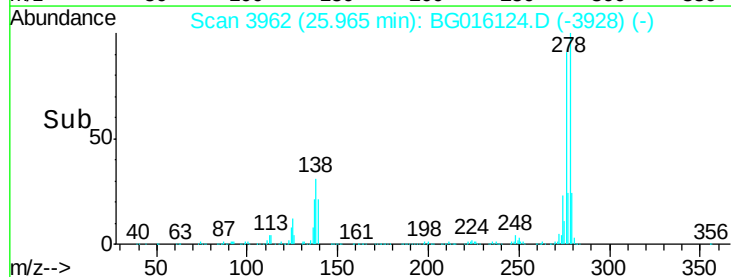
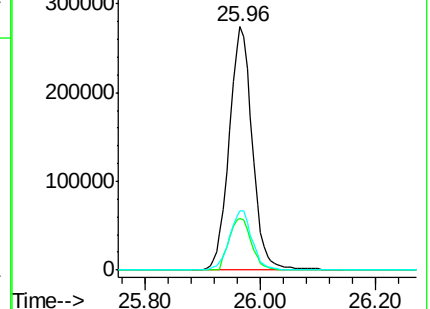
279 24.4 19.9 29.9

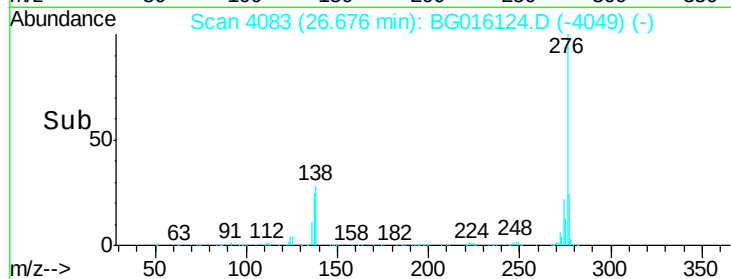
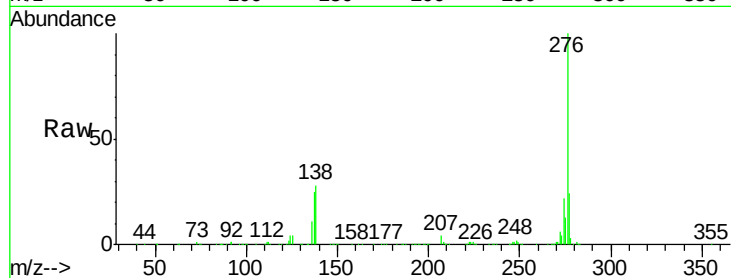
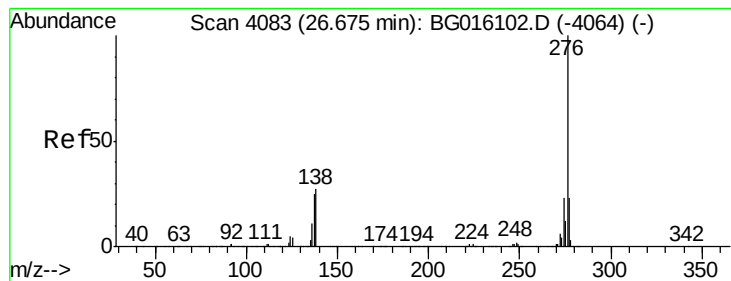


Abundance Ion 278.00 (277.70 to 278.70): E

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: 36.14 ng

RT: 26.68 min Scan# 4083

Delta R.T. 0.00 min

Lab File: BG016124.D

Acq: 26 Mar 2015 4:55

Instrument :

BNA_G

ClientSampleId :

PB82242BS

Tgt Ion: 276 Resp: 749789

Ion Ratio Lower Upper

276 100

277 23.8 18.7 28.1

138 28.5 22.0 33.0

