

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032515\
 Data File : BG016109.D
 Acq On : 25 Mar 2015 19:08
 Operator : TP/IZ
 Sample : PB82316BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82316BSD

Quant Time: Mar 26 01:33:31 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	7.79	152	57129	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	249293	20.00	ng	0.00
38) Acenaphthene-d10	14.42	164	150156	20.00	ng	0.00
63) Phenanthrene-d10	17.16	188	328981	20.00	ng	0.00
75) Chrysene-d12	21.33	240	394257	20.00	ng	0.00
86) Perylene-d12	23.62	264	372868	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	263263	78.45	ng	0.00
7) Phenol-d6	6.96	99	355596	75.16	ng	0.00
23) Nitrobenzene-d5	8.94	82	242125	60.47	ng	0.00
41) 2,4,6-Tribromophenol	15.90	330	118965	67.71	ng	0.00
44) 2-Fluorobiphenyl	13.04	172	570572	65.04	ng	0.00
78) Terphenyl-d14	19.78	244	966743	64.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	46475	33.13	ng	94
3) Pyridine	3.69	79	131580	30.50	ng	99
4) n-Nitrosodimethylamine	3.60	42	42296	33.36	ng	93
6) Aniline	7.12	93	70057	10.33	ng	98
8) 2-Chlorophenol	7.36	128	147740	36.48	ng	99
9) Benzaldehyde	6.93	77	7025	3.54	ng	91
10) Phenol	6.99	94	198033	37.92	ng	99
11) bis(2-Chloroethyl)ether	7.22	93	142547	33.66	ng	100
12) 1,3-Dichlorobenzene	7.68	146	146644	33.50	ng	99
13) 1,4-Dichlorobenzene	7.83	146	148527	32.71	ng	97
14) 1,2-Dichlorobenzene	8.14	146	143482	33.42	ng	99
15) Benzyl Alcohol	8.03	79	113451	32.31	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.33	45	152577	32.06	ng	98
17) 2-Methylphenol	8.23	107	127962	34.75	ng	96
18) Hexachloroethane	8.87	117	52778	32.43	ng	99
19) n-Nitroso-di-n-propylamine	8.59	70	103722	29.80	ng	98
20) 3+4-Methylphenols	8.56	107	173173	34.67	ng	98
22) Acetophenone	8.61	105	193542	34.51	ng	98
24) Nitrobenzene	8.99	77	146308	33.80	ng	97
25) Isophorone	9.51	82	288952	31.67	ng	99
26) 2-Nitrophenol	9.70	139	80568	34.36	ng	98
27) 2,4-Dimethylphenol	9.75	122	145404	36.98	ng	99
28) bis(2-Chloroethoxy)methane	9.99	93	180427	34.45	ng	98
29) 2,4-Dichlorophenol	10.22	162	131522	38.04	ng	100
30) 1,2,4-Trichlorobenzene	10.44	180	124368	33.41	ng	99
31) Naphthalene	10.63	128	437467	32.74	ng	99
32) Benzoic acid	9.87	122	80243	32.01	ng	97
33) 4-Chloroaniline	10.74	127	25909	4.43	ng	99
34) Hexachlorobutadiene	10.91	225	65603	32.39	ng	99
35) Caprolactam	11.49	113	34803	18.54	ng	97
36) 4-Chloro-3-methylphenol	11.86	107	142815	35.02	ng	99
37) 2-Methylnaphthalene	12.24	142	318088	33.35	ng	100
39) 1,2,4,5-Tetrachlorobenzene	12.61	216	131593	34.79	ng	98
40) Hexachlorocyclopentadiene	12.59	237	164392	74.35	ng	96

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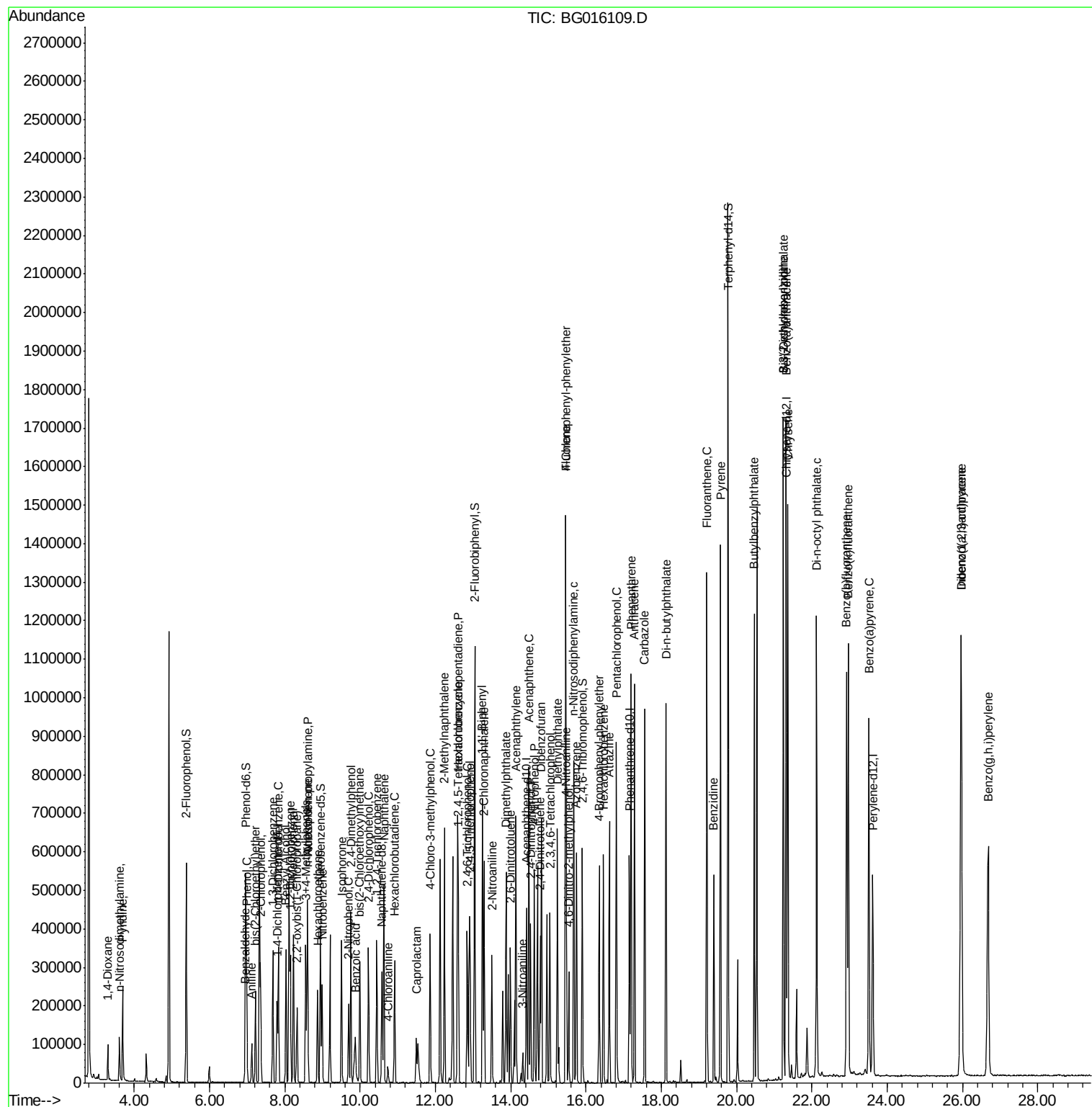
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.84	196	94138	34.85	ng	97
43) 2,4,5-Trichlorophenol	12.91	196	105016	35.64	ng	98
45) 1,1'-Biphenyl	13.25	154	383322	34.81	ng	100
46) 2-Chloronaphthalene	13.29	162	291400	33.93	ng	99
47) 2-Nitroaniline	13.50	65	84891	34.41	ng	96
48) Acenaphthylene	14.14	152	507088	32.31	ng	99
49) Dimethylphthalate	13.88	163	361054	34.29	ng	99
50) 2,6-Dinitrotoluene	14.00	165	87975	35.23	ng	99
51) Acenaphthene	14.48	154	303279	32.04	ng	99
52) 3-Nitroaniline	14.32	138	23234	7.60	ng	98
53) 2,4-Dinitrophenol	14.53	184	107406	71.22	ng	98
54) Dibenzofuran	14.82	168	455521	34.44	ng	97
55) 4-Nitrophenol	14.63	139	189778	76.61	ng	99
56) 2,4-Dinitrotoluene	14.78	165	121281	35.44	ng	95
57) Fluorene	15.46	166	393005	33.30	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.04	232	93458	35.59	ng	98
59) Diethylphthalate	15.24	149	370204	34.19	ng	99
60) 4-Chlorophenyl-phenylether	15.46	204	176879	34.07	ng	100
61) 4-Nitroaniline	15.48	138	106244	30.71	ng	98
62) Azobenzene	15.75	77	369758	33.15	ng	99
64) 4,6-Dinitro-2-methylphenol	15.54	198	73870	32.94	ng	95
65) n-Nitrosodiphenylamine	15.67	169	342917	32.69	ng	100
66) 4-Bromophenyl-phenylether	16.35	248	109525	32.44	ng	97
67) Hexachlorobenzene	16.46	284	122100	32.18	ng	99
68) Atrazine	16.62	200	117039	37.50	ng	99
69) Pentachlorophenol	16.80	266	164050	75.83	ng	99
70) Phenanthrene	17.20	178	610877	33.09	ng	99
71) Anthracene	17.29	178	620556	33.80	ng	99
72) Carbazole	17.56	167	635430	35.27	ng	99
73) Di-n-butylphthalate	18.12	149	755566	37.09	ng	99
74) Fluoranthene	19.21	202	747996	36.38	ng	100
76) Benzidine	19.39	184	278373	26.95	ng	99
77) Pyrene	19.58	202	785279	32.31	ng	99
79) Butylbenzylphthalate	20.47	149	360288	35.53	ng	97
80) Benzo(a)anthracene	21.31	228	735484	32.90	ng	99
81) 3,3'-Dichlorobenzidine	21.25	252	126701	16.30	ng	99
82) Chrysene	21.37	228	699499	34.15	ng	100
83) Bis(2-ethylhexyl)phthalate	21.24	149	482553	34.66	ng	100
84) Di-n-octyl phthalate	22.13	149	812373	34.60	ng	99
85) Indeno(1,2,3-cd)pyrene	25.96	276	827129	31.40	ng	100
87) Benzo(b)fluoranthene	22.92	252	695434	32.23	ng	100
88) Benzo(k)fluoranthene	22.97	252	713907	33.97	ng	98
89) Benzo(a)pyrene	23.52	252	694085	34.50	ng	99
90) Dibenzo(a,h)anthracene	25.97	278	693814	33.09	ng	99
91) Benzo(g,h,i)perylene	26.68	276	684730	32.95	ng	98

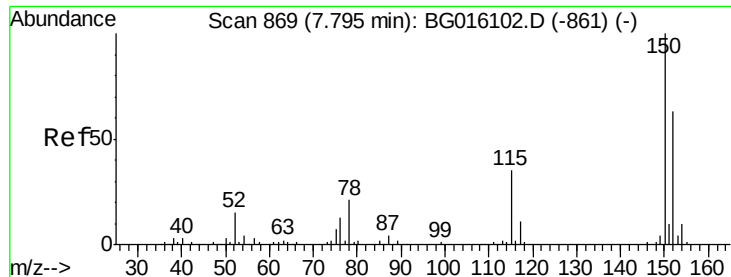
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 869

Delta R.T. -0.00 min

Lab File: BG016109.D

Acq: 25 Mar 2015 19:08

Instrument :

BNA_G

ClientSampleId :

PB82316BSD

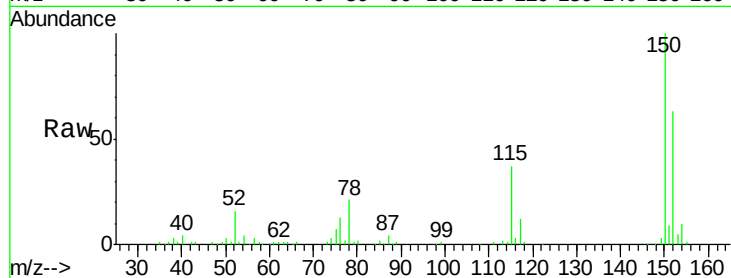
Tgt Ion:152 Resp: 57129

Ion Ratio Lower Upper

152 100

150 157.5 126.1 189.1

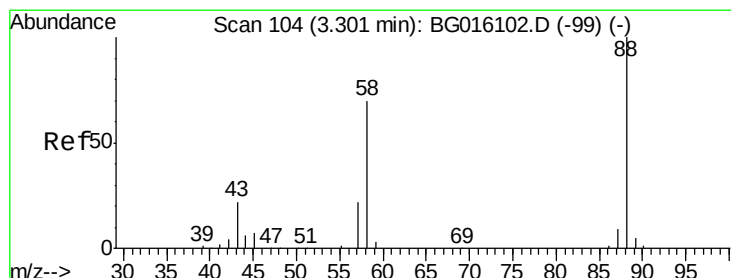
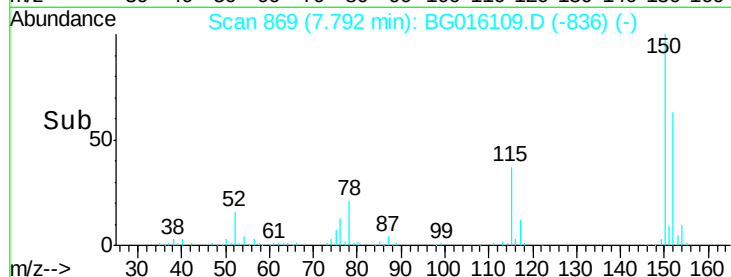
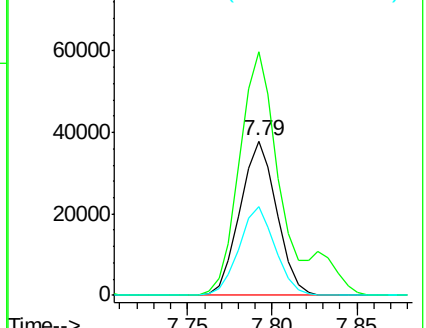
115 57.8 43.7 65.5



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: 33.13 ng

RT: 3.30 min Scan# 104

Delta R.T. -0.00 min

Lab File: BG016109.D

Acq: 25 Mar 2015 19:08

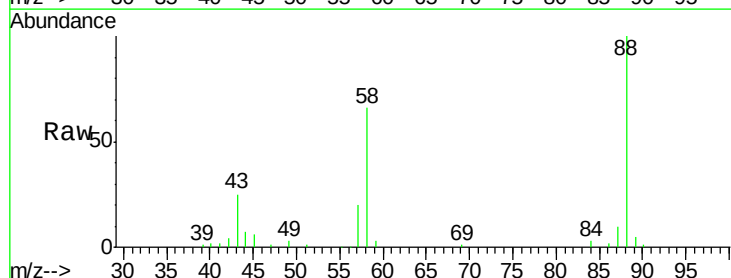
Tgt Ion: 88 Resp: 46475

Ion Ratio Lower Upper

88 100

58 62.4 54.2 81.4

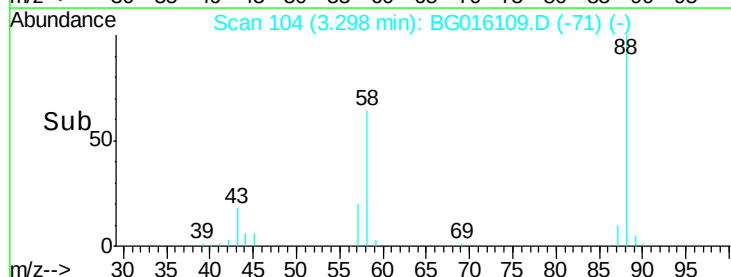
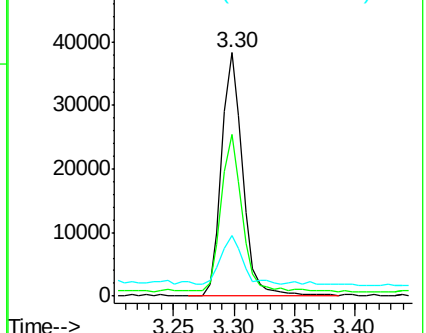
43 20.3 17.4 26.2

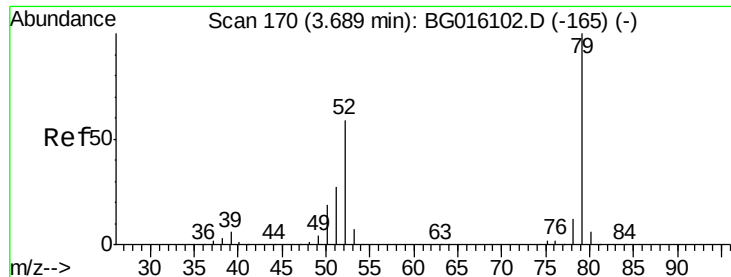


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 30.50 ng

RT: 3.69 min Scan# 170

Delta R.T. -0.00 min

Lab File: BG016109.D

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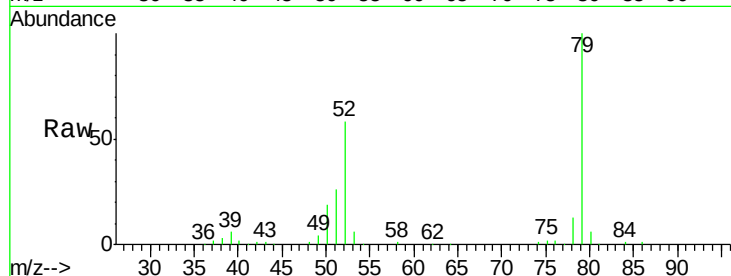
Tgt Ion: 79 Resp: 131580

Ion Ratio Lower Upper

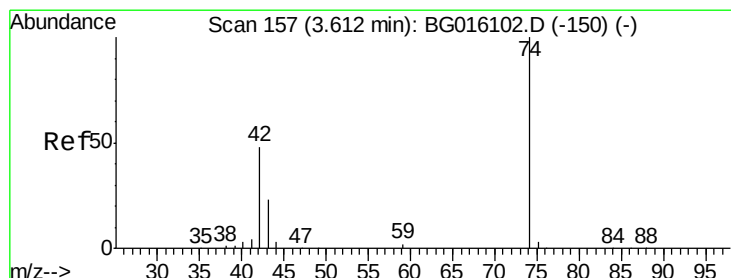
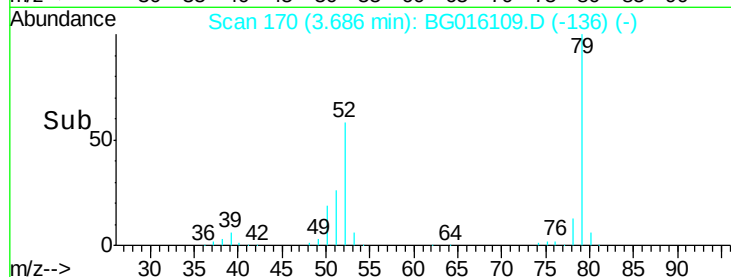
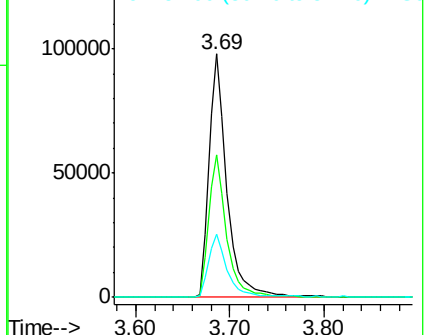
79 100

52 58.3 47.0 70.4

51 25.9 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: 33.36 ng

RT: 3.60 min Scan# 156

Delta R.T. -0.01 min

Lab File: BG016109.D

Acq: 25 Mar 2015 19:08

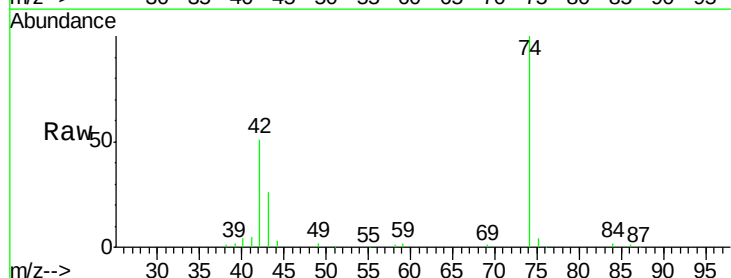
Tgt Ion: 42 Resp: 42296

Ion Ratio Lower Upper

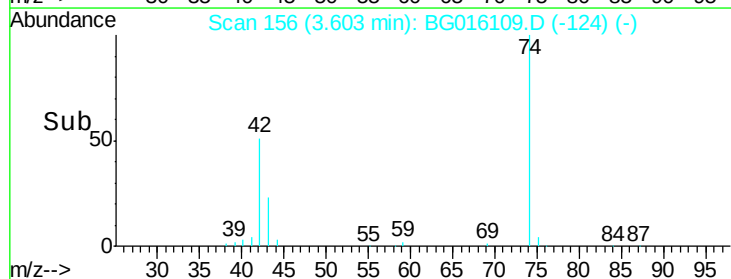
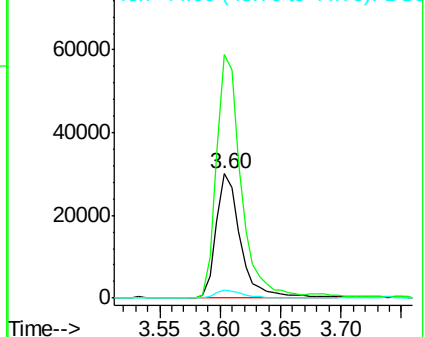
42 100

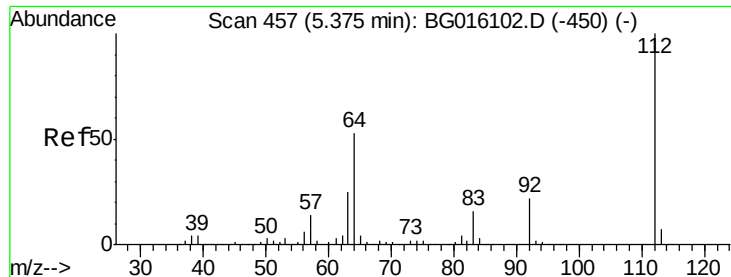
74 196.1 165.3 247.9

44 6.2 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: 78.45 ng

RT: 5.38 min Scan# 458

Delta R.T. 0.00 min

Lab File: BG016109.D

Acq: 25 Mar 2015 19:08

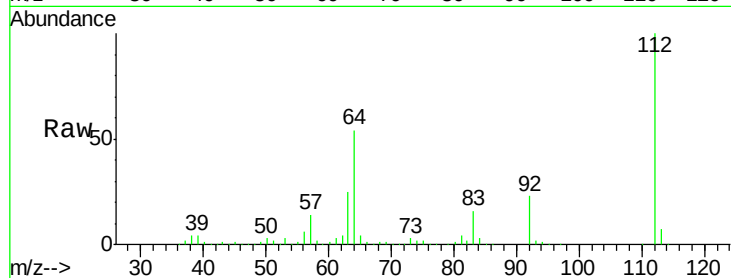
Instrument :

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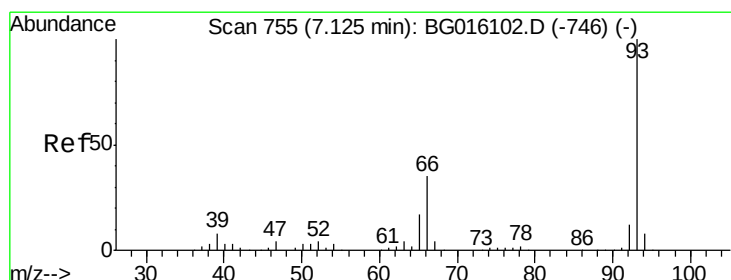
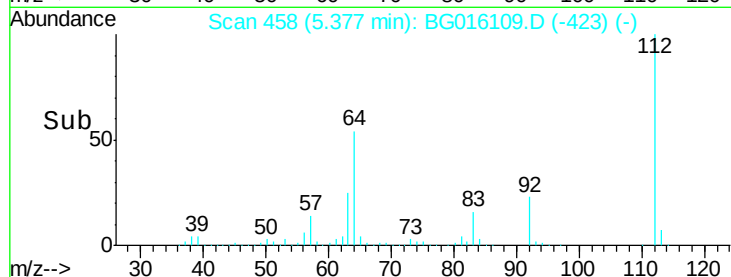
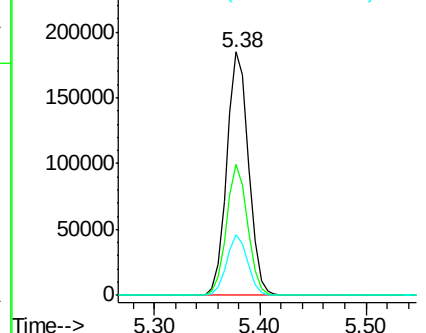
Tgt Ion:	112	Resp:	263263
Ion	Ratio	Lower	Upper
112	100		
64	54.0	42.6	64.0
63	24.9	19.9	29.9



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: 10.33 ng

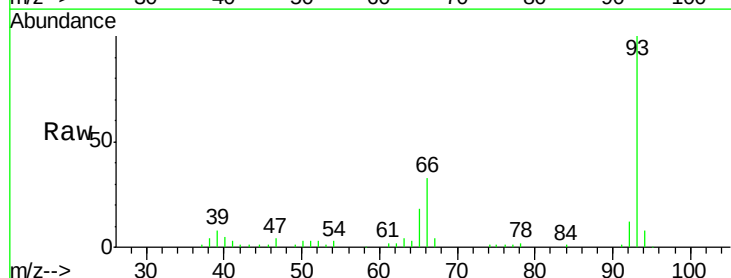
RT: 7.12 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG016109.D

Acq: 25 Mar 2015 19:08

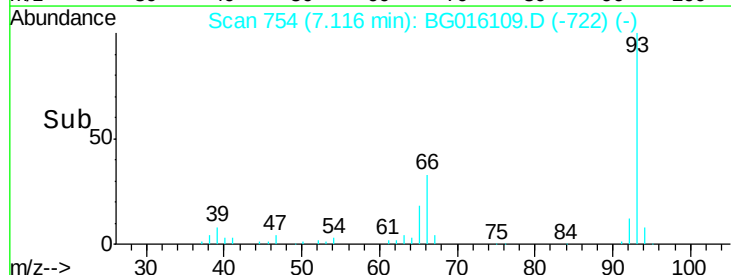
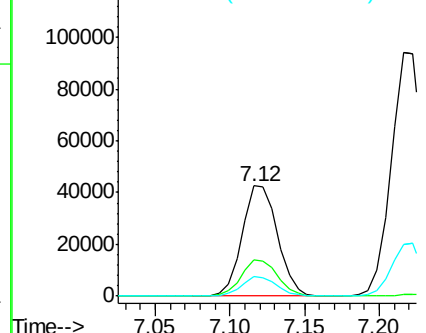
Tgt Ion:	93	Resp:	70057
Ion	Ratio	Lower	Upper
93	100		
66	33.3	27.8	41.6
65	18.0	13.9	20.9

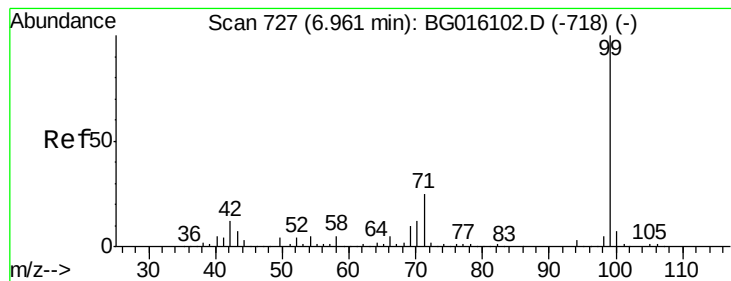


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 75.16 ng

RT: 6.96 min Scan# 727

Delta R.T. -0.00 min

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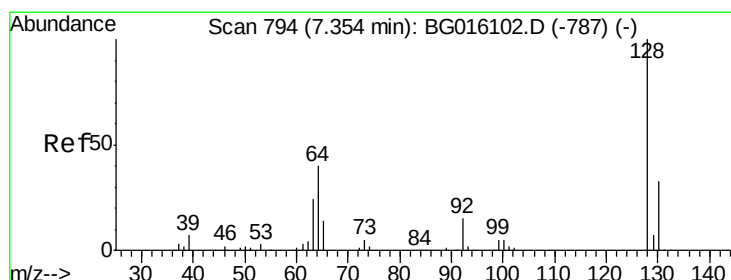
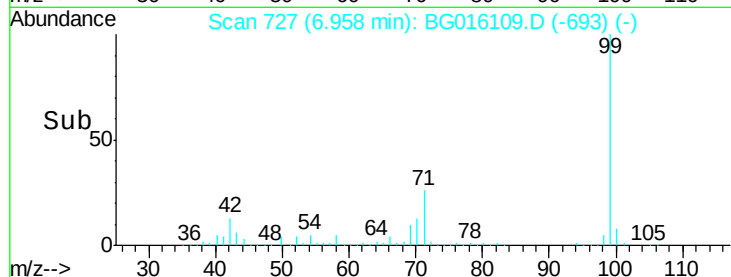
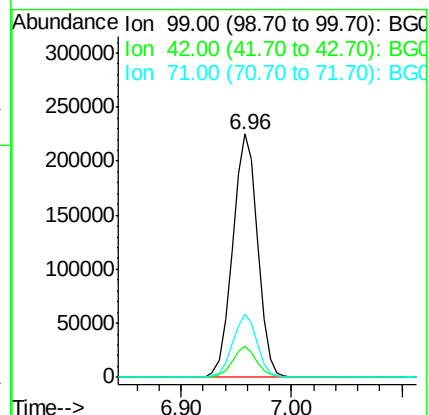
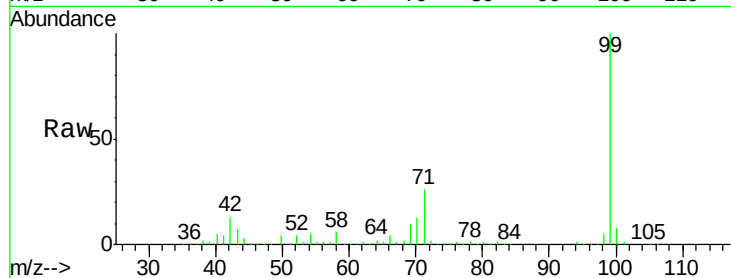
Tgt Ion: 99 Resp: 355596

Ion Ratio Lower Upper

99 100

42 12.5 9.4 14.0

71 25.8 19.9 29.9



#8

2-Chlorophenol

Concen: 36.48 ng

RT: 7.36 min Scan# 795

Delta R.T. 0.00 min

Lab File: BG016109.D

Acq: 25 Mar 2015 19:08

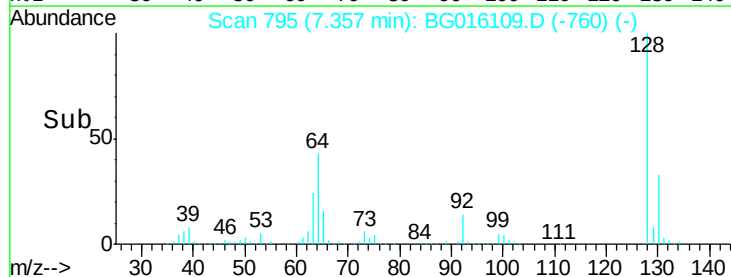
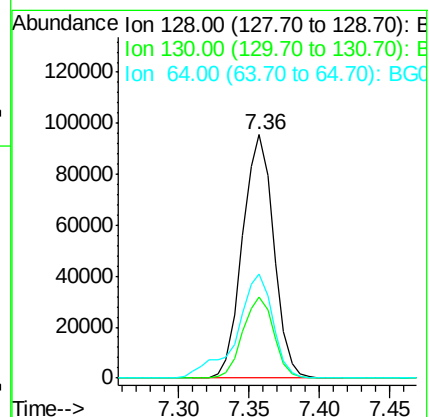
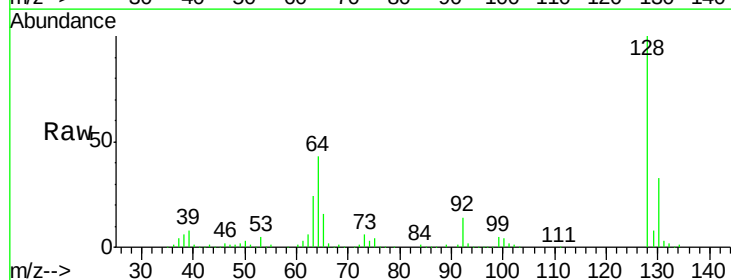
Tgt Ion: 128 Resp: 147740

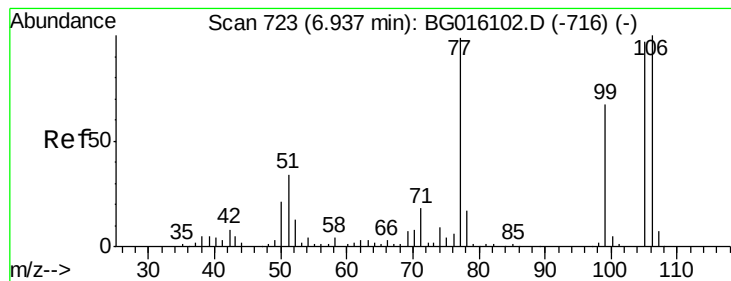
Ion Ratio Lower Upper

128 100

130 33.3 12.5 52.5

64 42.5 23.4 63.4





#9

Benzaldehyde

Concen: 3.54 ng

RT: 6.93 min Scan# 723

Delta R.T. -0.00 min

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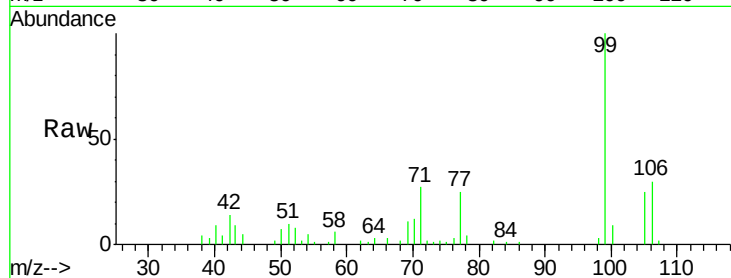
Tgt Ion: 77 Resp: 7025

Ion Ratio Lower Upper

77 100

105 96.9 78.1 118.1

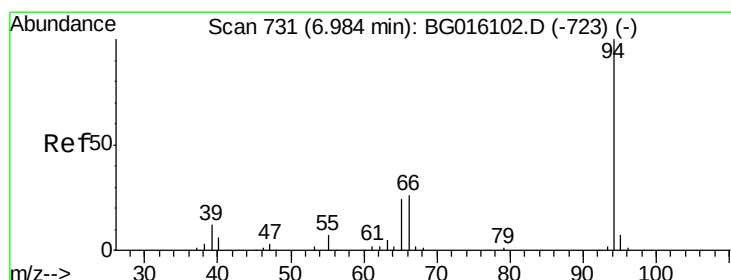
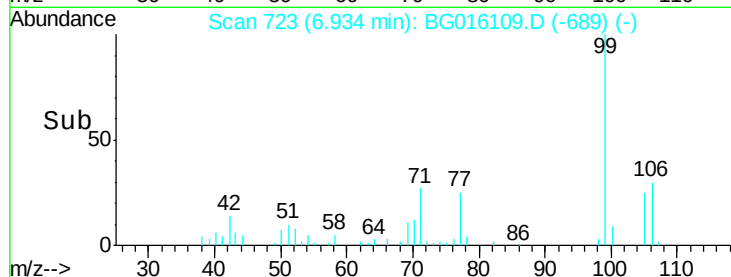
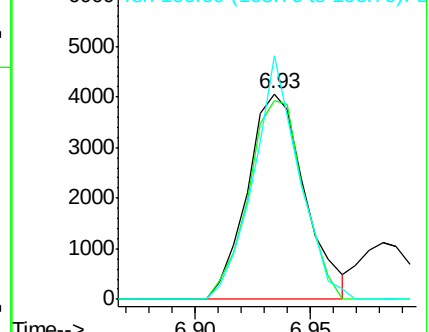
106 118.4 81.0 121.0



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: 37.92 ng

RT: 6.99 min Scan# 732

Delta R.T. 0.00 min

Lab File: BG016109.D

Acq: 25 Mar 2015 19:08

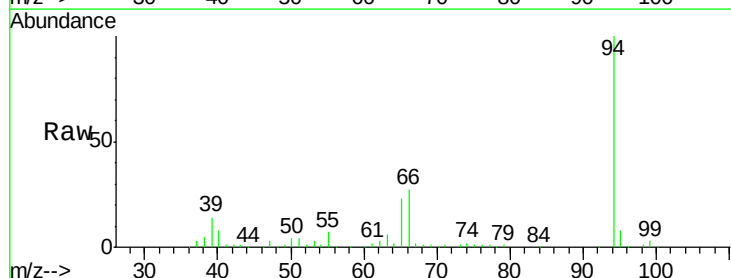
Tgt Ion: 94 Resp: 198033

Ion Ratio Lower Upper

94 100

65 22.9 4.0 44.0

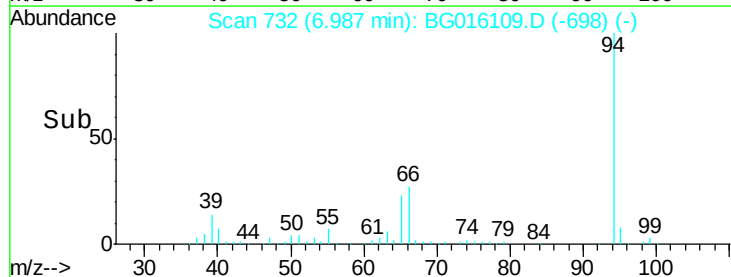
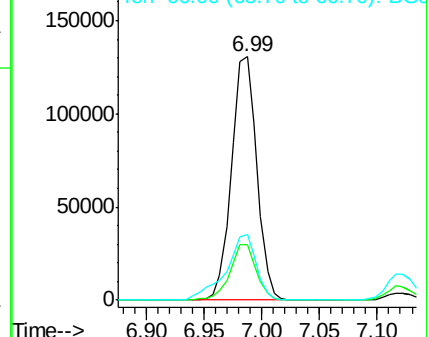
66 27.2 7.4 47.4

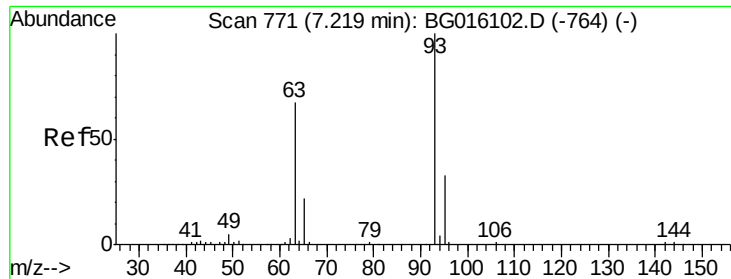


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

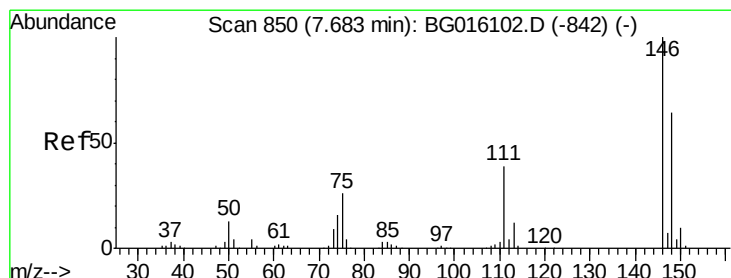
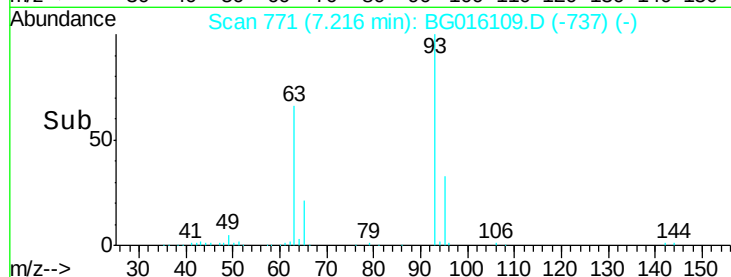
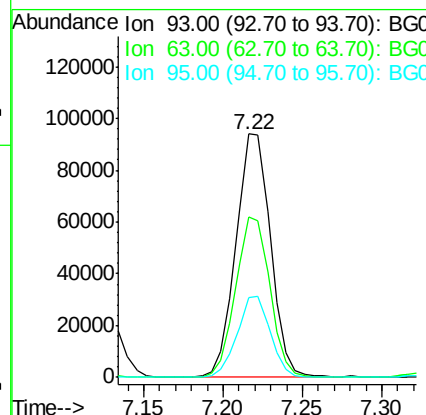
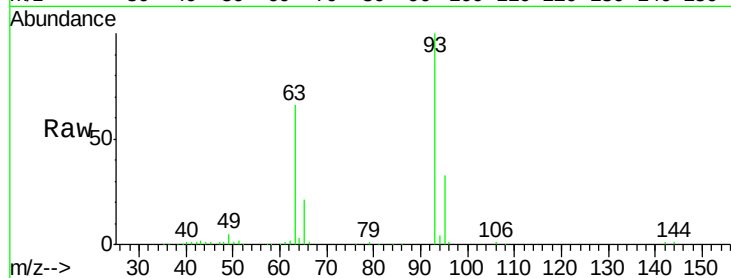




#11
bis(2-Chloroethyl)ether
Concen: 33.66 ng
RT: 7.22 min Scan# 771
Delta R.T. -0.00 min
Lab File: BG016109.D
Acq: 25 Mar 2015 19:08

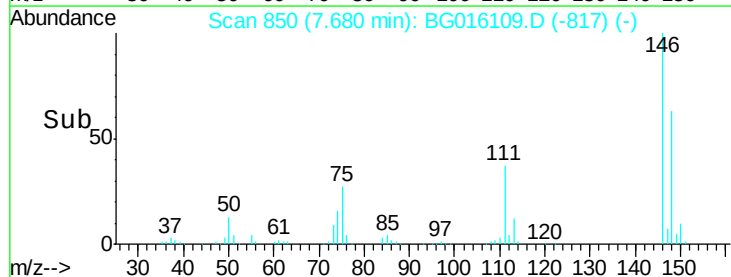
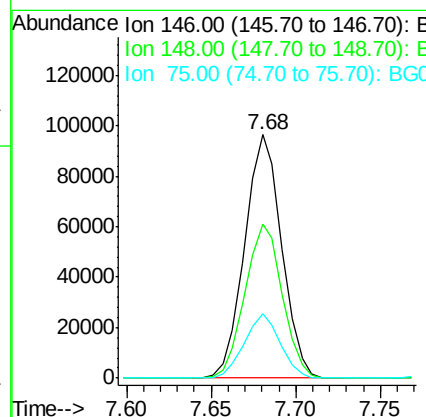
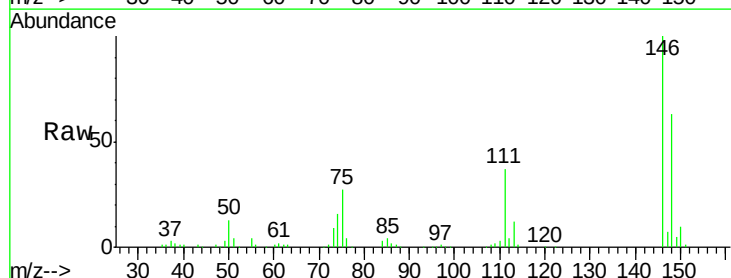
Instrument :
BNA_G
ClientSampleId :
PB82316BSD

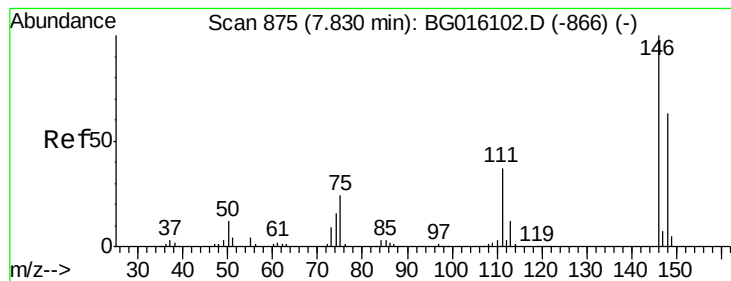
Tgt Ion	Ratio	Lower	Upper
93	100		
63	66.1	46.5	86.5
95	32.6	12.5	52.5



#12
1,3-Dichlorobenzene
Concen: 33.50 ng
RT: 7.68 min Scan# 850
Delta R.T. -0.00 min
Lab File: BG016109.D
Acq: 25 Mar 2015 19:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.2	76.8
75	26.6	20.5	30.7





#13

1,4-Dichlorobenzene

Concen: 32.71 ng

RT: 7.83 min Scan# 875

Delta R.T. -0.00 min

Lab File: BG016109.D

Acq: 25 Mar 2015 19:08

Instrument :

BNA_G

ClientSampleId :

PB82316BSD

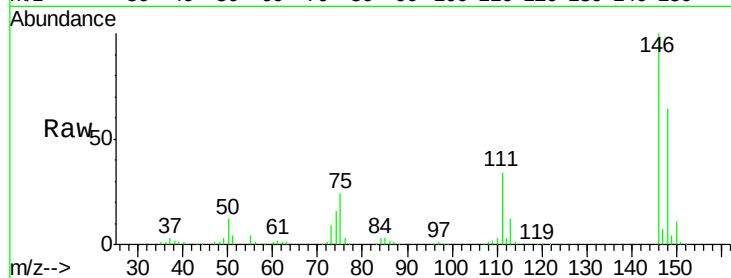
Tgt Ion:146 Resp: 148527

Ion Ratio Lower Upper

146 100

148 64.1 50.3 75.5

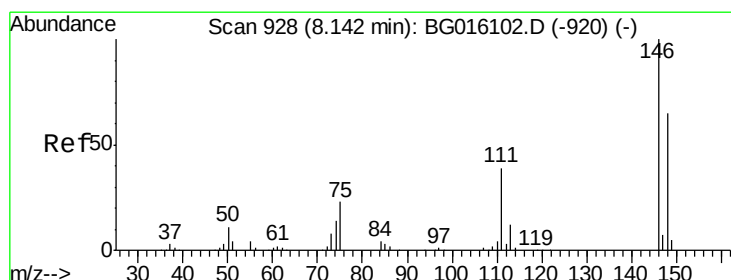
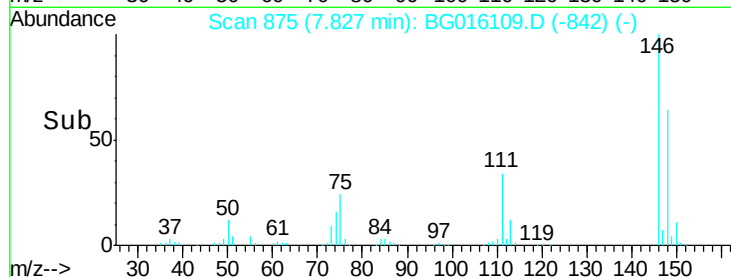
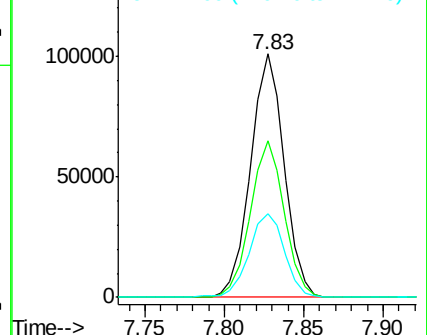
111 34.5 29.5 44.3



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: 33.42 ng

RT: 8.14 min Scan# 929

Delta R.T. 0.00 min

Lab File: BG016109.D

Acq: 25 Mar 2015 19:08

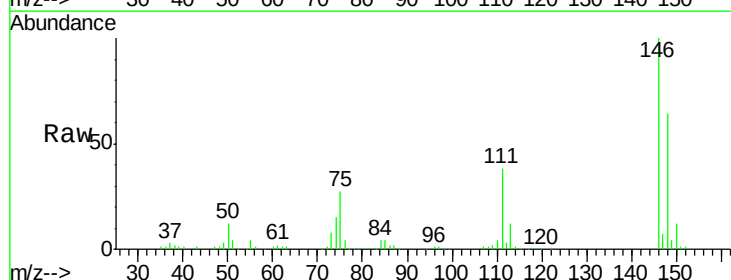
Tgt Ion:146 Resp: 143482

Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.8

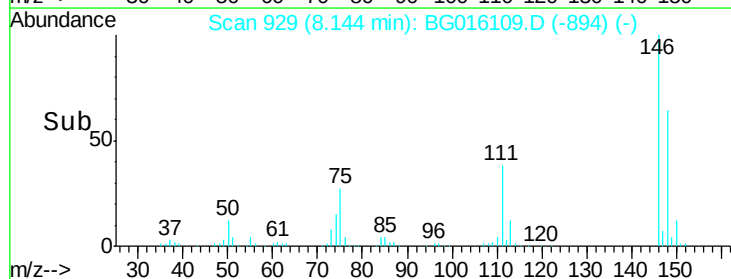
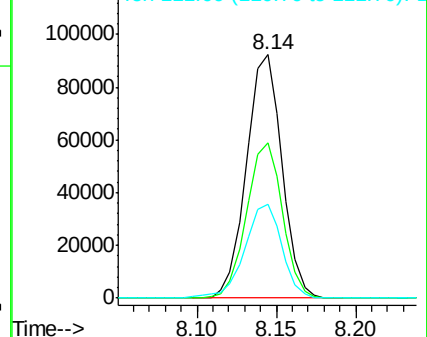
111 38.4 31.4 47.2

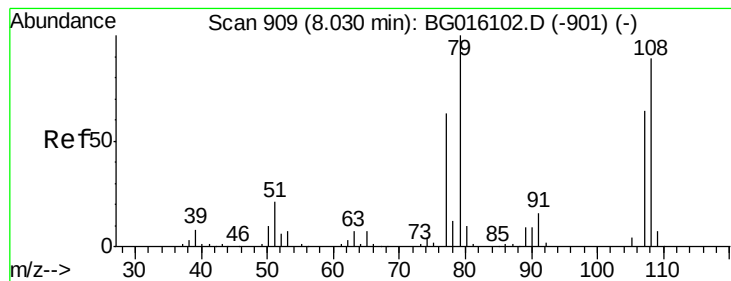


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 32.31 ng

RT: 8.03 min Scan# 909

Delta R.T. -0.00 min

Lab File: BG016109.D

Acq: 25 Mar 2015 19:08

Instrument :

BNA_G

ClientSampleId :

PB82316BSD

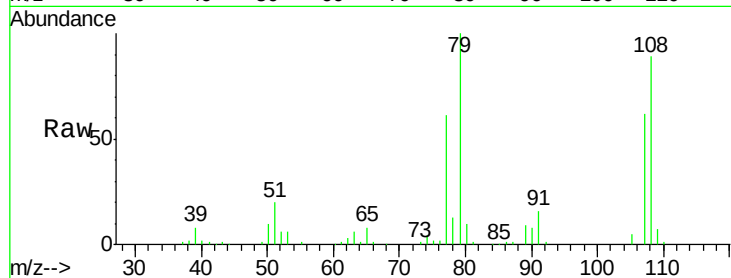
Tgt Ion: 79 Resp: 113451

Ion Ratio Lower Upper

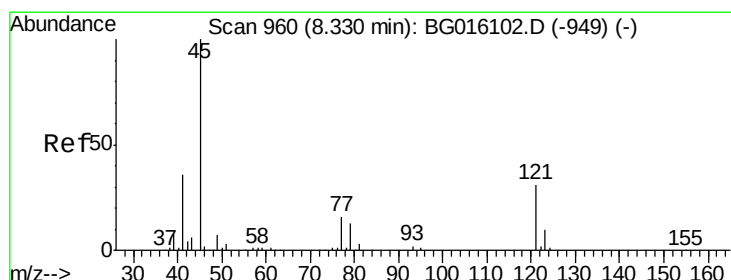
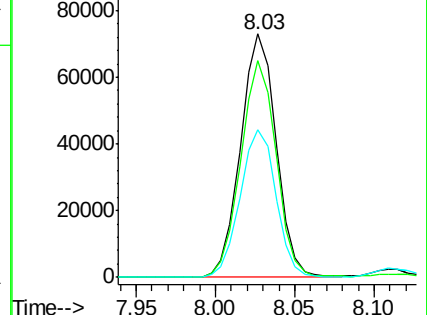
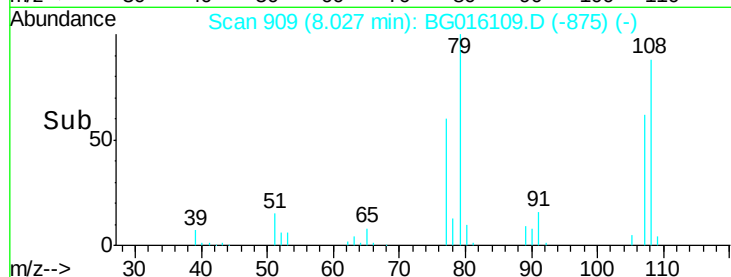
79 100

108 88.8 71.4 107.0

77 60.7 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: 32.06 ng

RT: 8.33 min Scan# 960

Delta R.T. -0.00 min

Lab File: BG016109.D

Acq: 25 Mar 2015 19:08

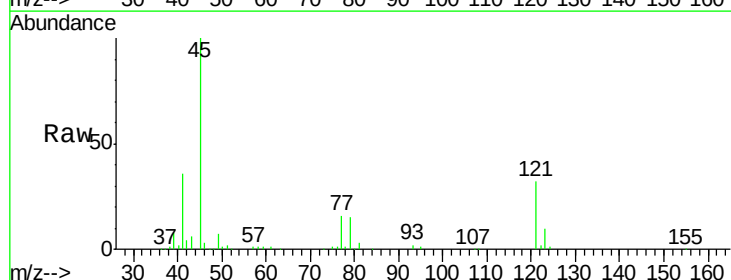
Tgt Ion: 45 Resp: 152577

Ion Ratio Lower Upper

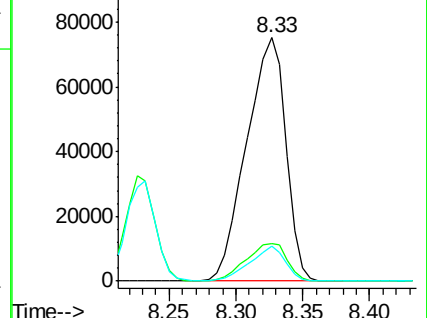
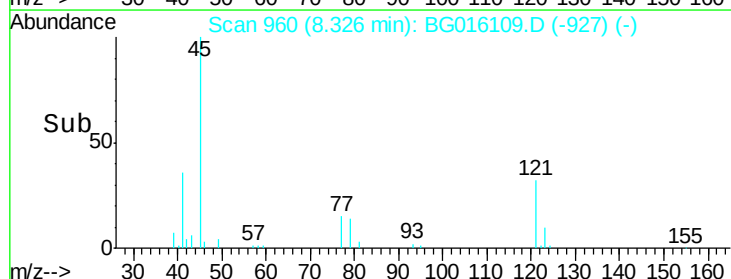
45 100

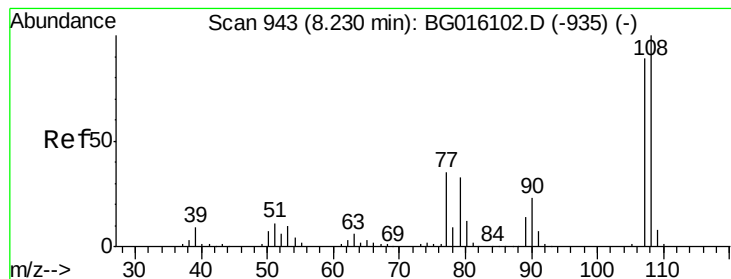
77 15.6 0.0 36.3

79 14.6 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: 34.75 ng

RT: 8.23 min Scan# 943

Delta R.T. -0.00 min

Lab File: BG016109.D

Acq: 25 Mar 2015 19:08

Instrument :

BNA_G

ClientSampleId :

PB82316BSD

Tgt Ion:107 Resp: 127962

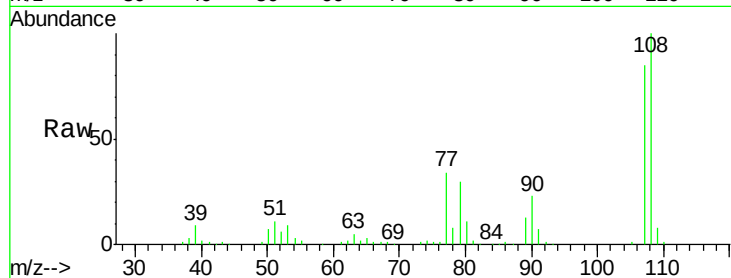
Ion Ratio Lower Upper

107 100

108 117.7 89.4 134.2

77 40.2 31.4 47.2

79 35.8 29.8 44.8

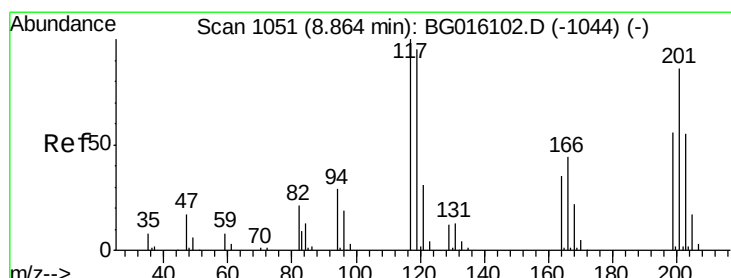
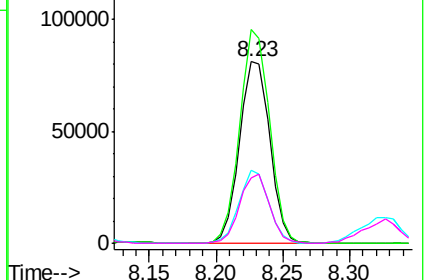
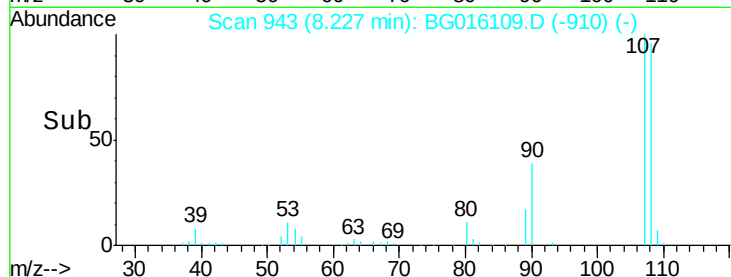


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 32.43 ng

RT: 8.87 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BG016109.D

Acq: 25 Mar 2015 19:08

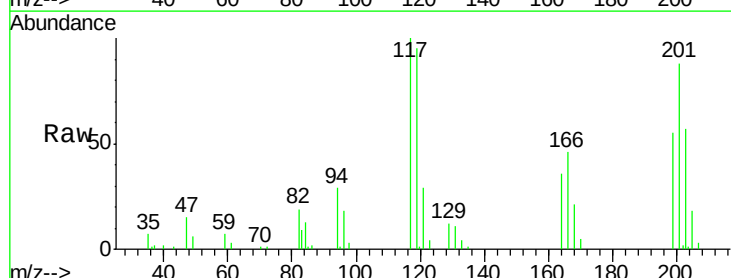
Tgt Ion:117 Resp: 52778

Ion Ratio Lower Upper

117 100

119 95.4 76.4 114.6

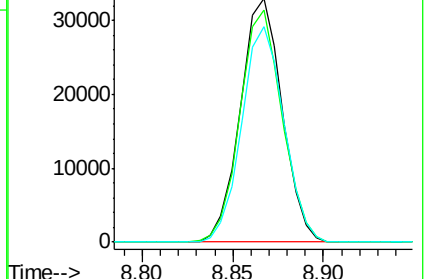
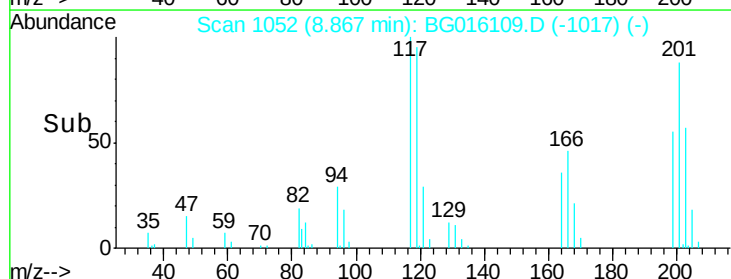
201 88.4 68.6 102.8

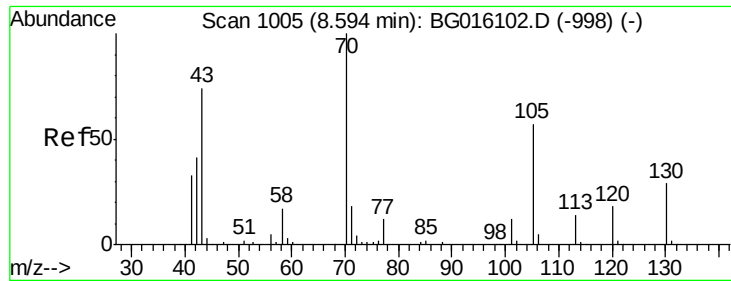


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

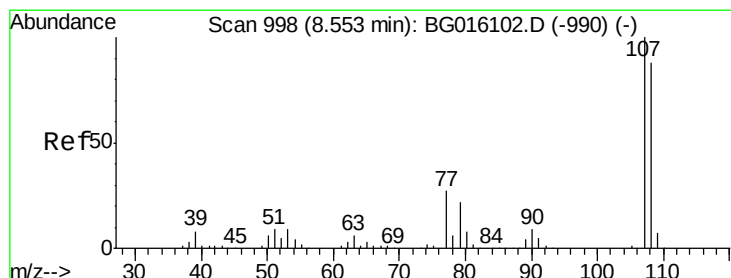
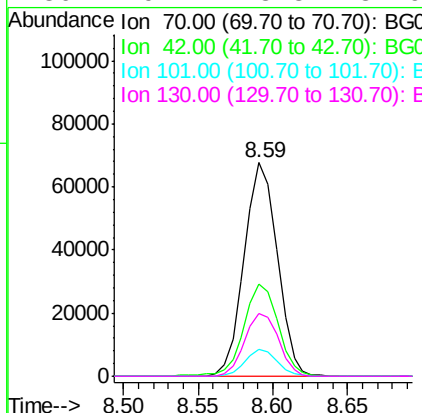
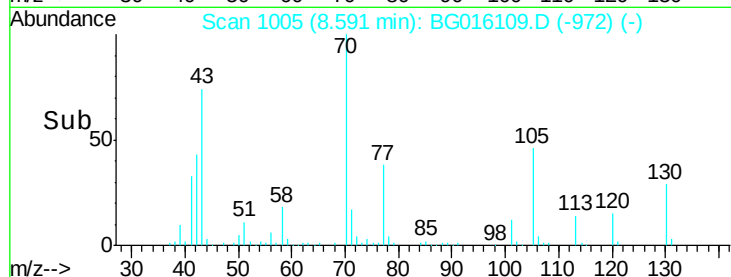
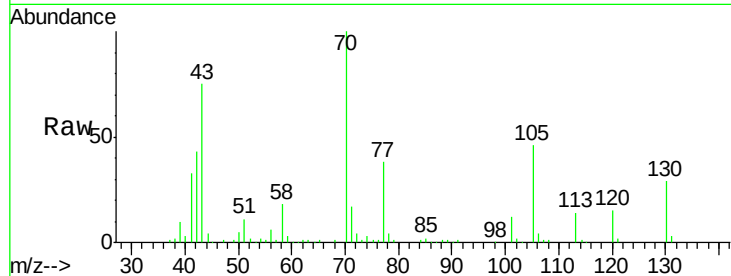




#19
n-Nitroso-di-n-propylamine
Concen: 29.80 ng
RT: 8.59 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG016109.D
Acq: 25 Mar 2015 19:08

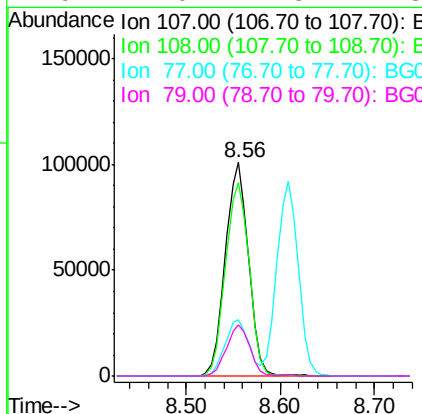
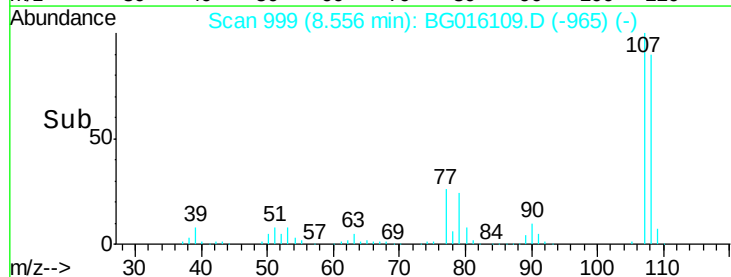
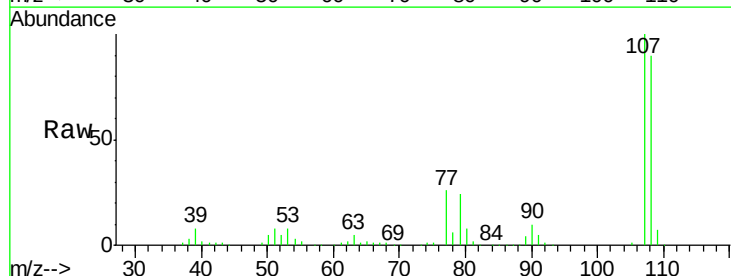
Instrument :
BNA_G
ClientSampleId :
PB82316BSD

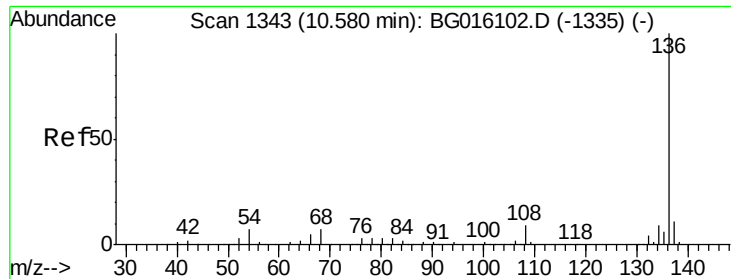
Tgt Ion:	70	Resp:	103722
Ion	Ratio	Lower	Upper
70	100		
42	43.3	33.4	50.2
101	12.5	9.6	14.4
130	29.4	23.3	34.9



#20
3+4-Methylphenols
Concen: 34.67 ng
RT: 8.56 min Scan# 999
Delta R.T. 0.00 min
Lab File: BG016109.D
Acq: 25 Mar 2015 19:08

Tgt Ion:	107	Resp:	173173
Ion	Ratio	Lower	Upper
107	100		
108	90.3	68.4	108.4
77	26.5	6.9	46.9
79	24.0	2.3	42.3

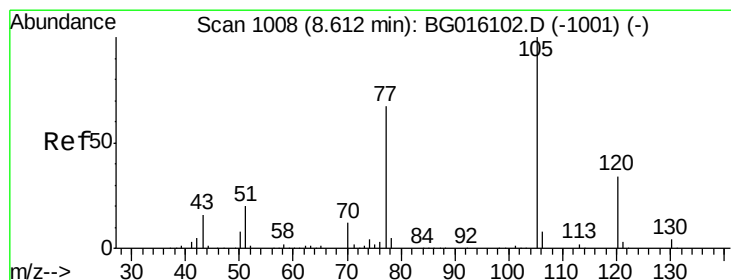
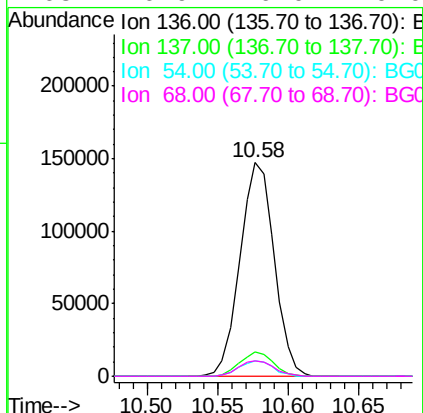
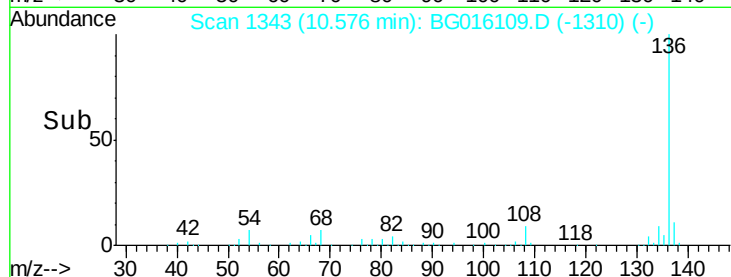
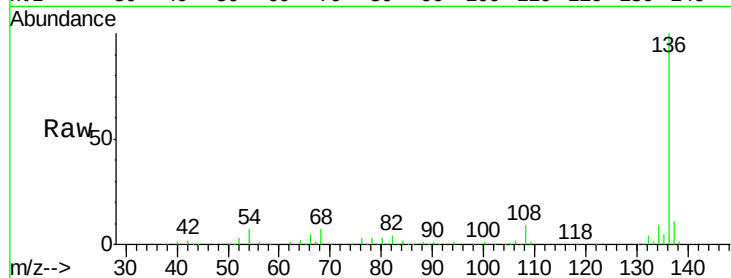




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.58 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG016109.D
Acq: 25 Mar 2015 19:08

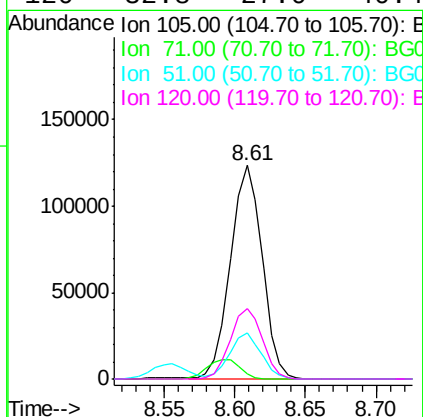
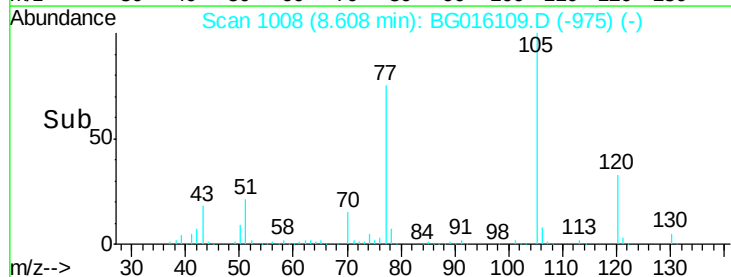
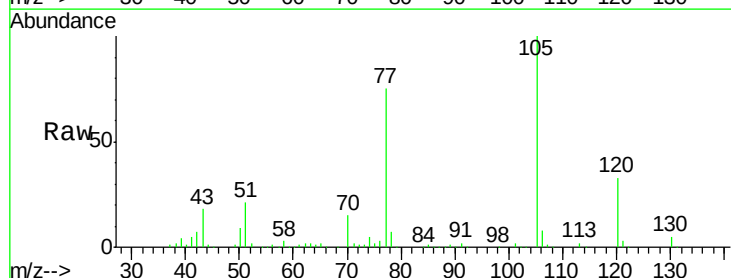
Instrument :
BNA_G
ClientSampleId :
PB82316BSD

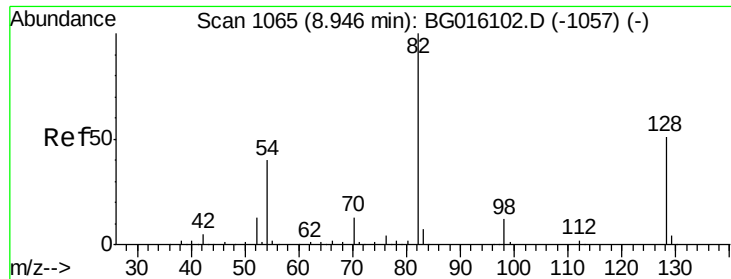
Tgt Ion:	136	Resp:	249293
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.0	5.5	8.3
68	6.9	6.0	9.0



#22
Acetophenone
Concen: 34.51 ng
RT: 8.61 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BG016109.D
Acq: 25 Mar 2015 19:08

Tgt Ion:	105	Resp:	193542
Ion	Ratio	Lower	Upper
105	100		
71	2.4	2.2	3.2
51	21.5	17.9	26.9
120	32.8	27.0	40.4

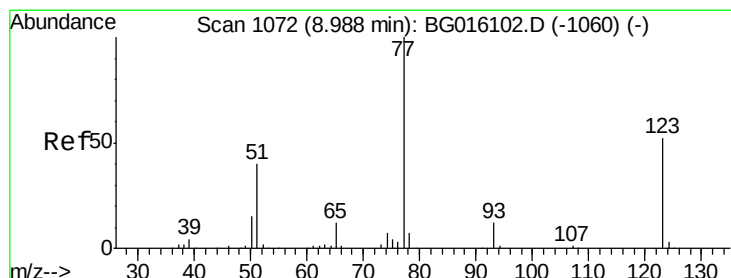
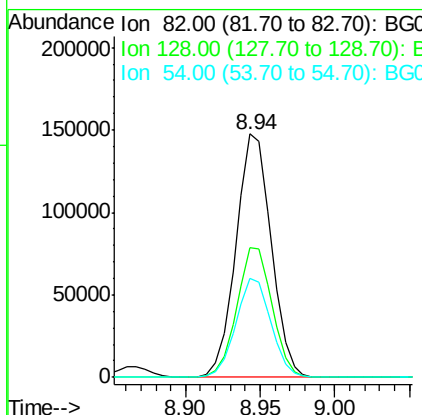
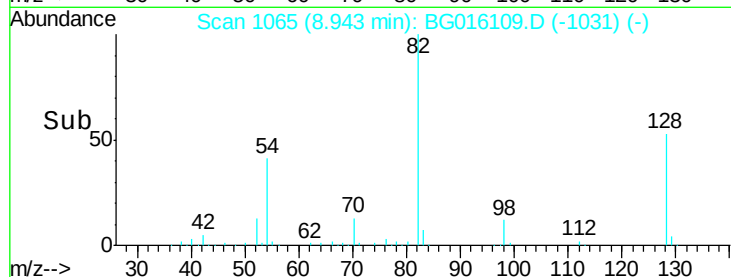
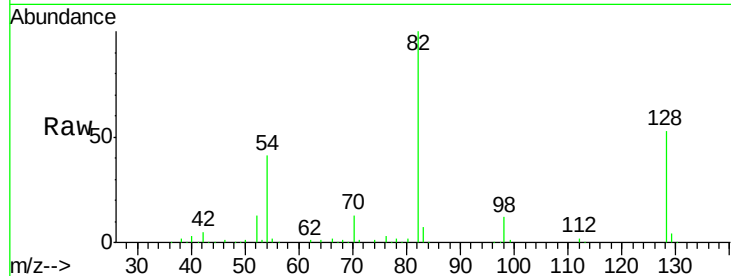




#23
Nitrobenzene-d5
Concen: 60.47 ng
RT: 8.94 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG016109.D
Acq: 25 Mar 2015 19:08

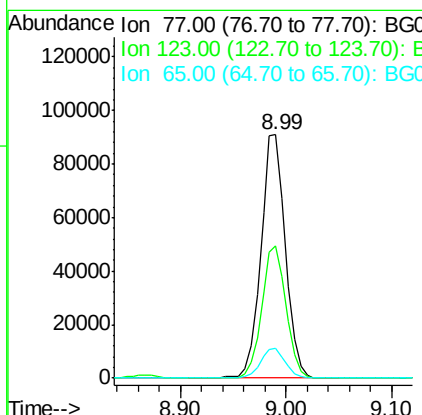
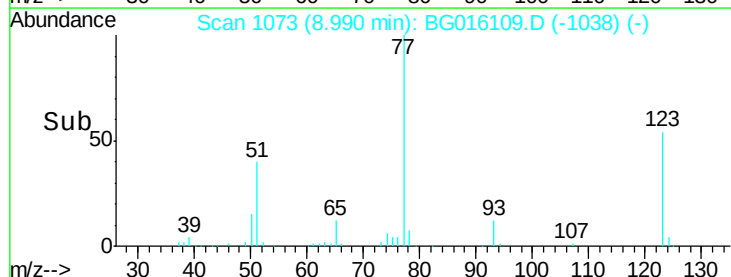
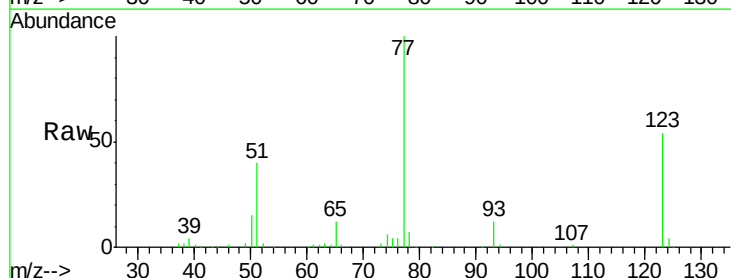
Instrument :
BNA_G
ClientSampleId :
PB82316BSD

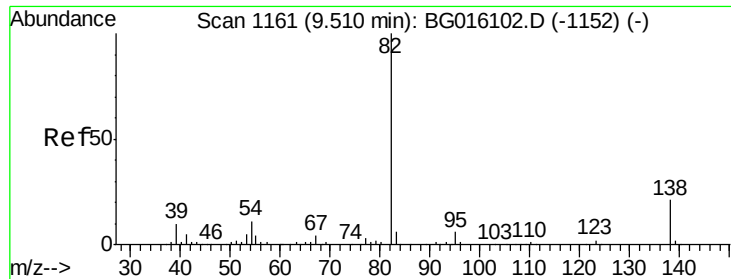
Tgt Ion	Ratio	Lower	Upper
82	100		
128	53.2	40.4	60.6
54	40.6	32.1	48.1



#24
Nitrobenzene
Concen: 33.80 ng
RT: 8.99 min Scan# 1073
Delta R.T. 0.00 min
Lab File: BG016109.D
Acq: 25 Mar 2015 19:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	54.4	41.4	62.0
65	12.2	9.7	14.5





#25

Isophorone

Concen: 31.67 ng

RT: 9.51 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BG016109.D

Acq: 25 Mar 2015 19:08

Instrument :

BNA_G

ClientSampleId :

PB82316BSD

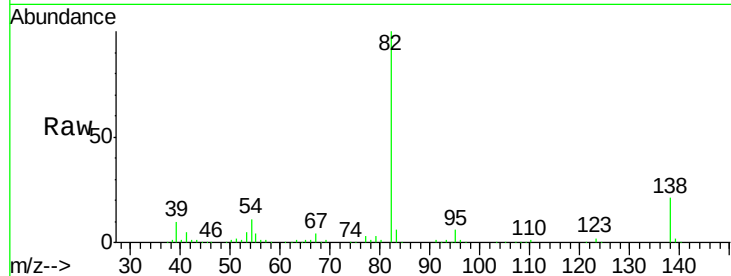
Tgt Ion: 82 Resp: 288952

Ion Ratio Lower Upper

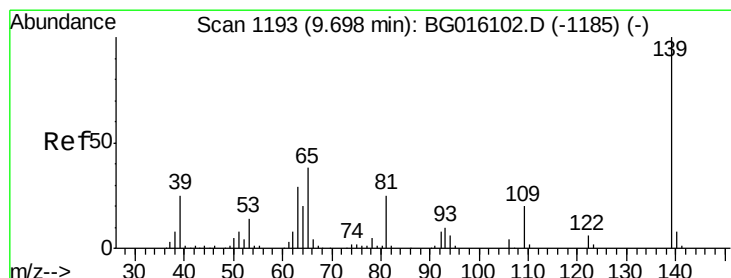
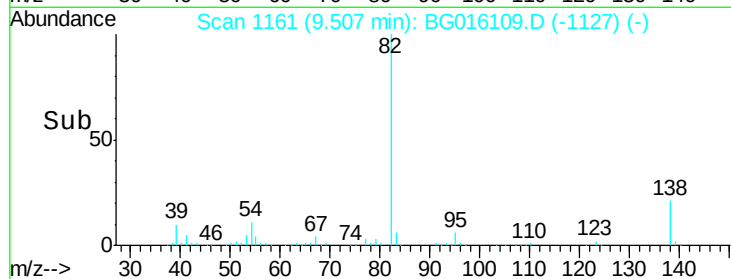
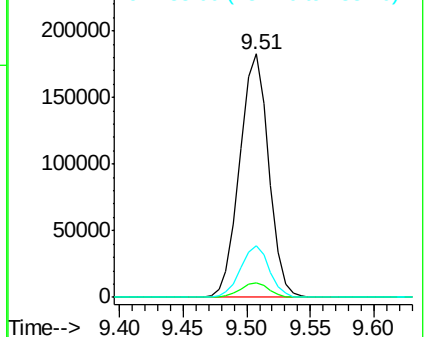
82 100

95 5.8 4.6 6.8

138 21.1 17.1 25.7



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



#26

2-Nitrophenol

Concen: 34.36 ng

RT: 9.70 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BG016109.D

Acq: 25 Mar 2015 19:08

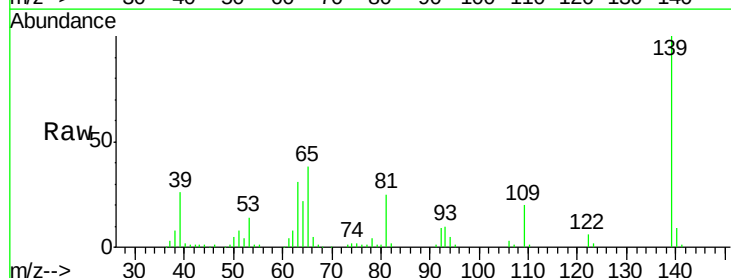
Tgt Ion: 139 Resp: 80568

Ion Ratio Lower Upper

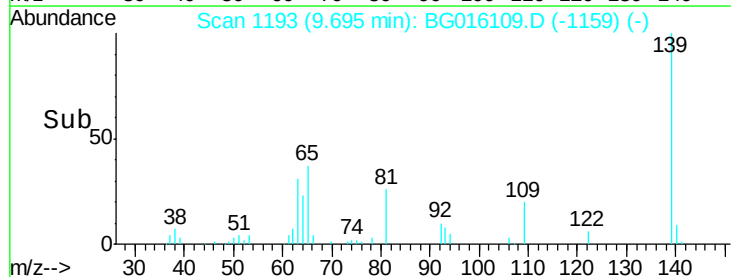
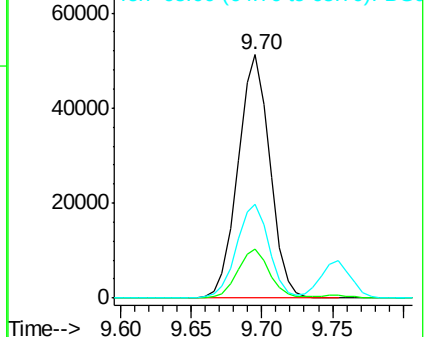
139 100

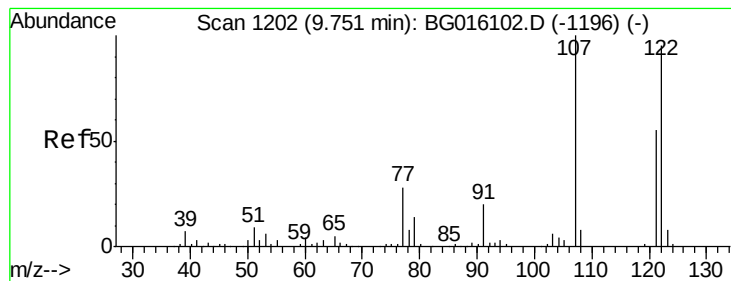
109 20.4 15.7 23.5

65 38.5 30.1 45.1



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





#27

2,4-Dimethylphenol

Concen: 36.98 ng

RT: 9.75 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BG016109.D

Acq: 25 Mar 2015 19:08

Instrument :

BNA_G

ClientSampleId :

PB82316BSD

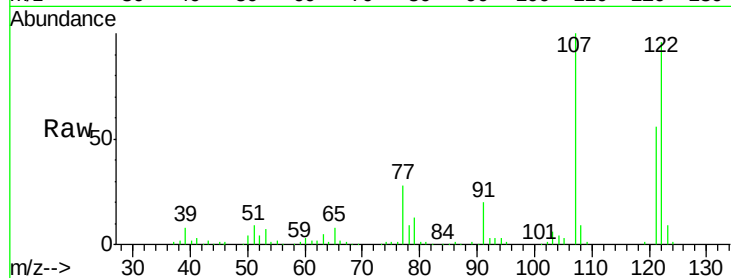
Tgt Ion:122 Resp: 145404

Ion Ratio Lower Upper

122 100

107 103.8 83.6 125.4

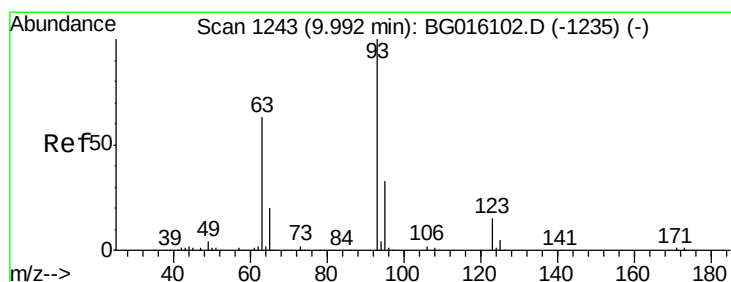
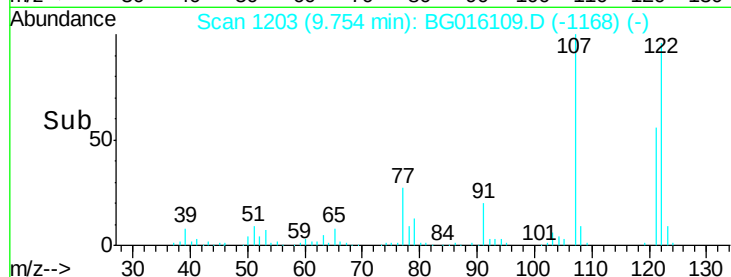
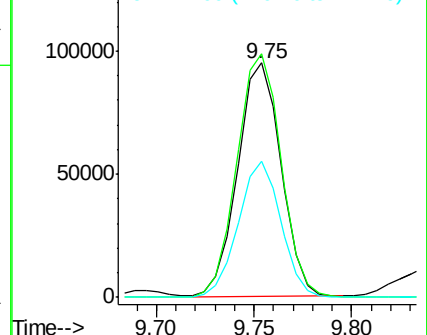
121 57.9 45.6 68.4



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: 34.45 ng

RT: 9.99 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BG016109.D

Acq: 25 Mar 2015 19:08

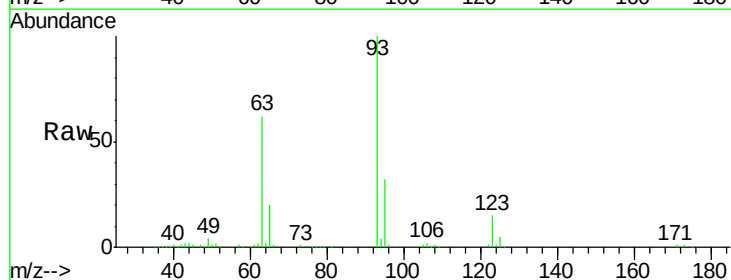
Tgt Ion: 93 Resp: 180427

Ion Ratio Lower Upper

93 100

95 31.8 26.4 39.6

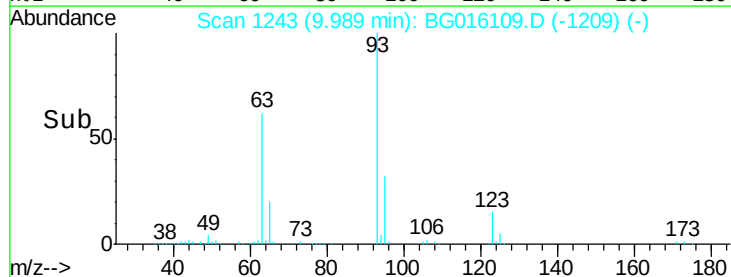
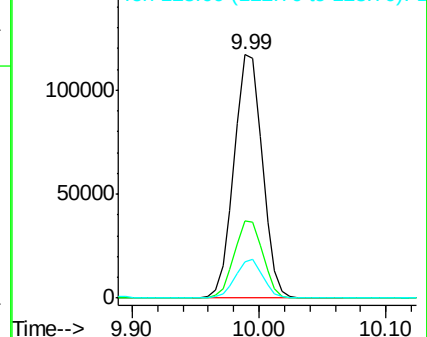
123 14.8 12.3 18.5

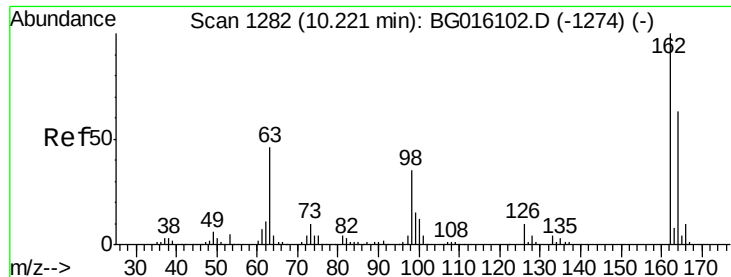


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

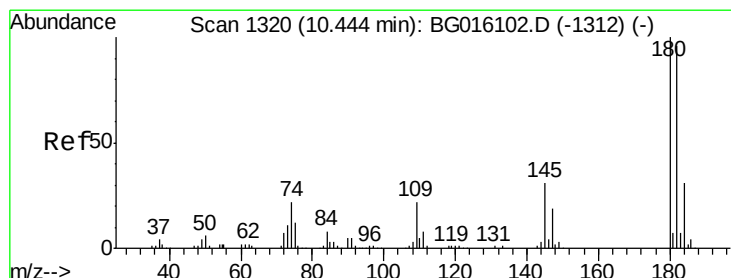
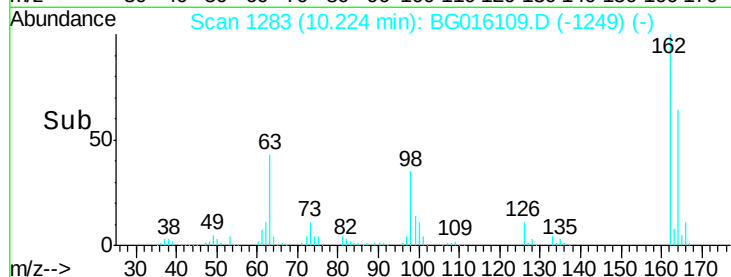
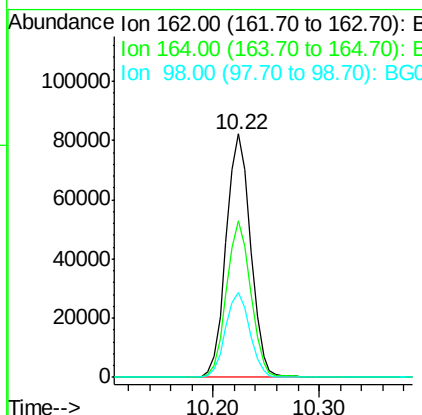
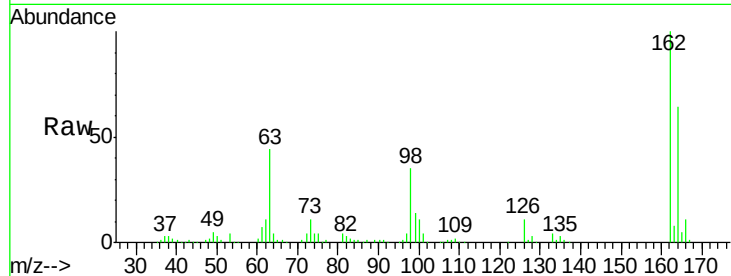




#29
2,4-Dichlorophenol
Concen: 38.04 ng
RT: 10.22 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BG016109.D
Acq: 25 Mar 2015 19:08

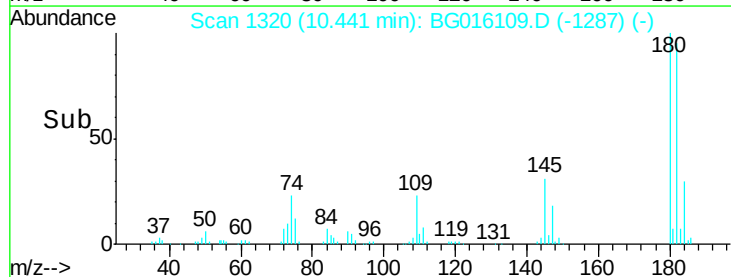
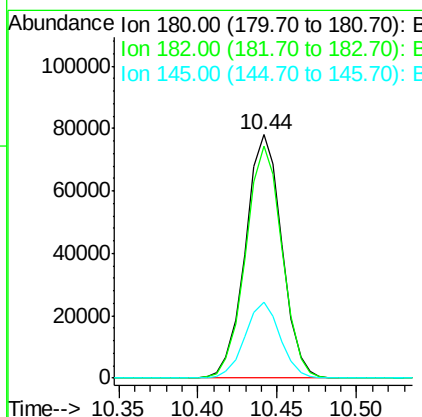
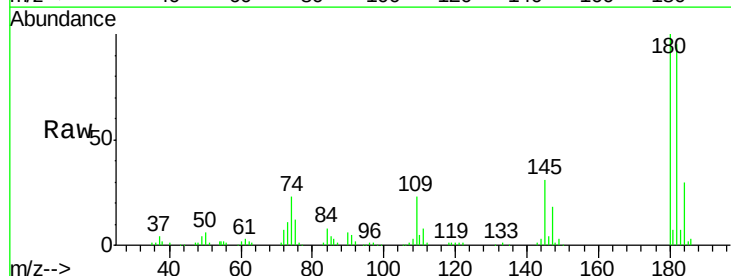
Instrument :
BNA_G
ClientSampled :
PB82316BSD

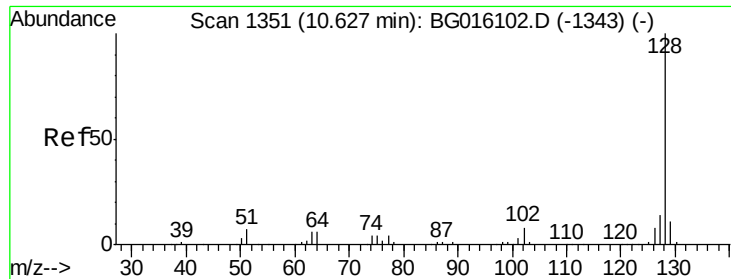
Tgt Ion:162 Resp: 131522
Ion Ratio Lower Upper
162 100
164 64.1 43.5 83.5
98 34.8 14.8 54.8



#30
1,2,4-Trichlorobenzene
Concen: 33.41 ng
RT: 10.44 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG016109.D
Acq: 25 Mar 2015 19:08

Tgt Ion:180 Resp: 124368
Ion Ratio Lower Upper
180 100
182 95.2 76.8 115.2
145 31.2 24.8 37.2

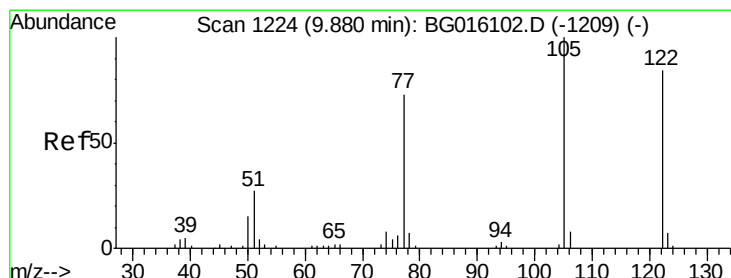
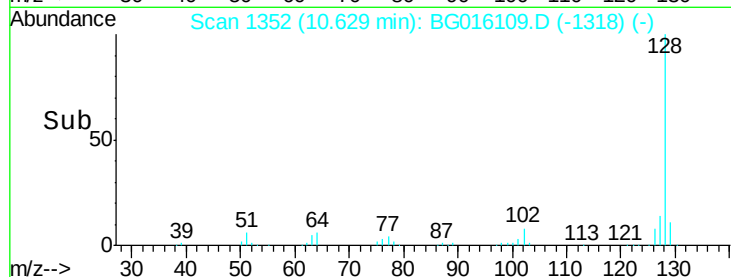
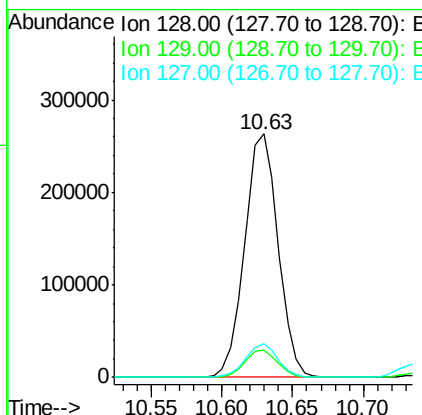
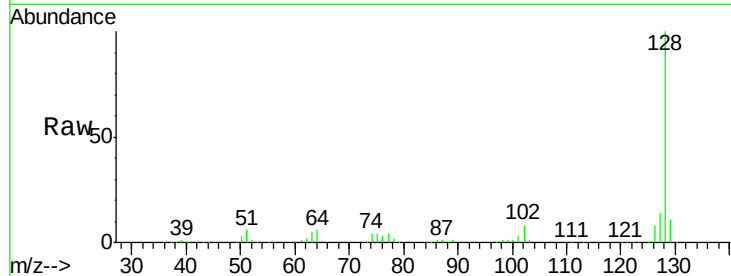




#31
Naphthalene
Concen: 32.74 ng
RT: 10.63 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BG016109.D
Acq: 25 Mar 2015 19:08

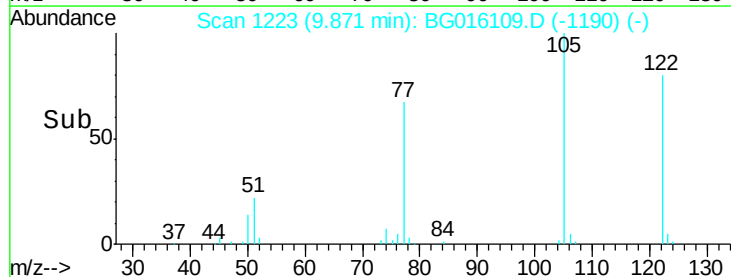
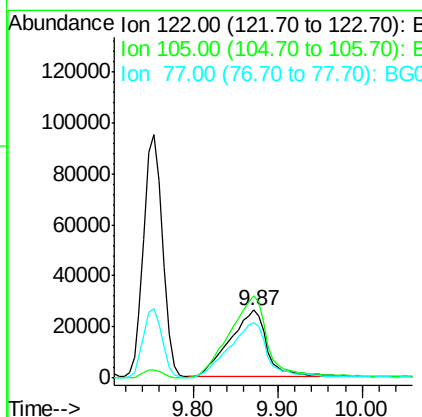
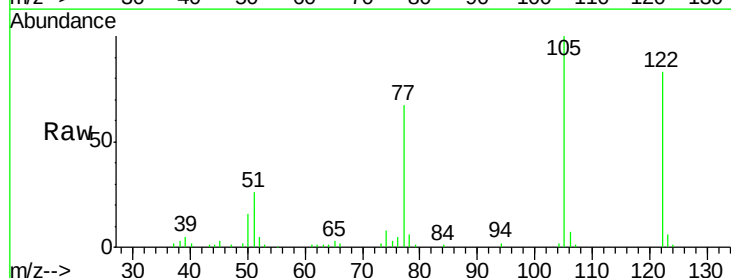
Instrument :
BNA_G
ClientSampleId :
PB82316BSD

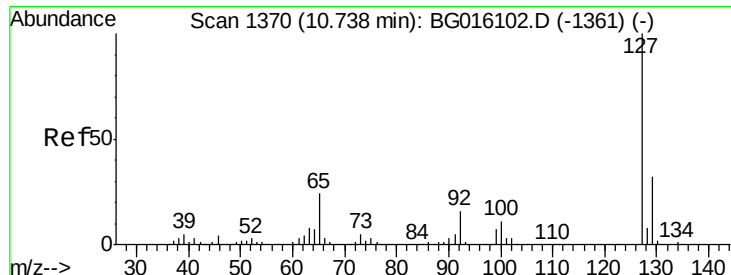
Tgt Ion:128 Resp: 437467
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 13.7 10.9 16.3



#32
Benzoic acid
Concen: 32.01 ng
RT: 9.87 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BG016109.D
Acq: 25 Mar 2015 19:08

Tgt Ion:122 Resp: 80243
Ion Ratio Lower Upper
122 100
105 120.4 97.2 137.2
77 81.2 65.0 105.0

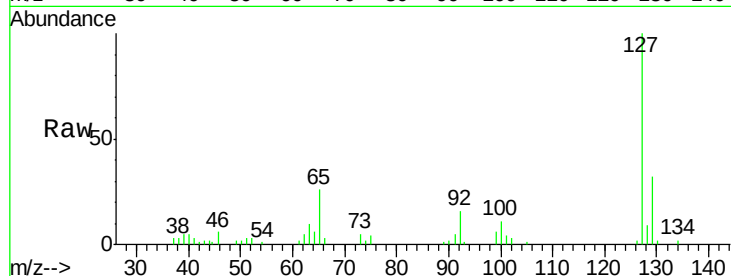




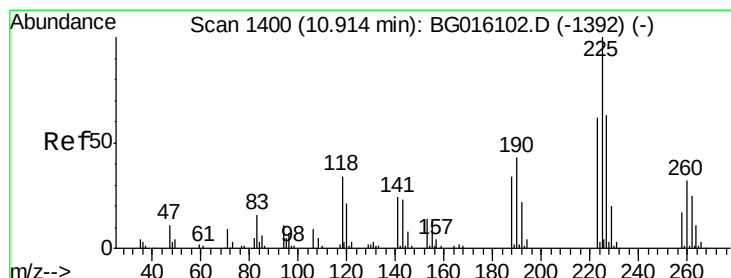
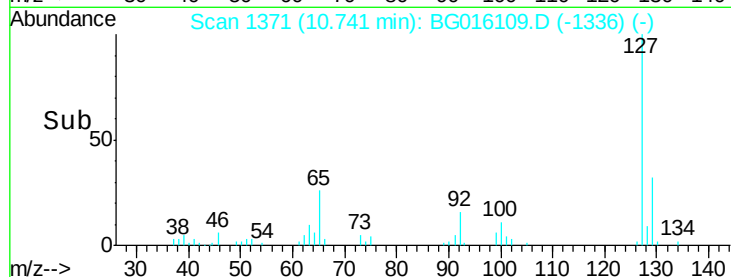
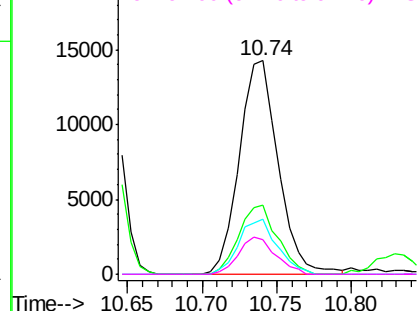
#33
4-Chloroaniline
Concen: 4.43 ng
RT: 10.74 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BG016109.D
Acq: 25 Mar 2015 19:08

Instrument :
BNA_G
ClientSampleId :
PB82316BSD

Tgt Ion:	127	Resp:	25909
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.3	37.9
65	25.6	19.5	29.3
92	16.4	13.1	19.7

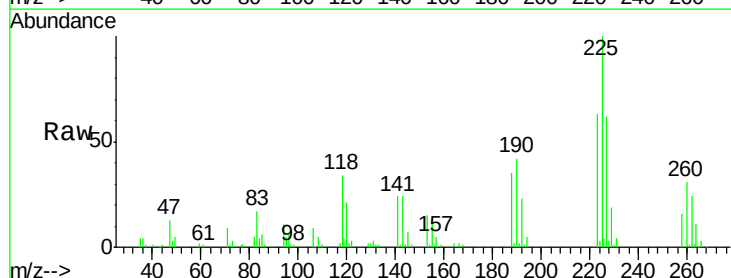


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

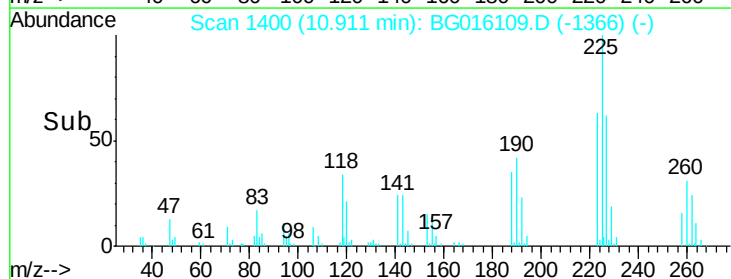
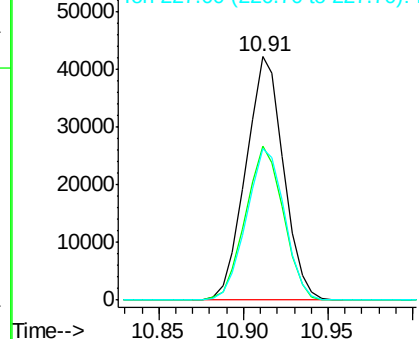


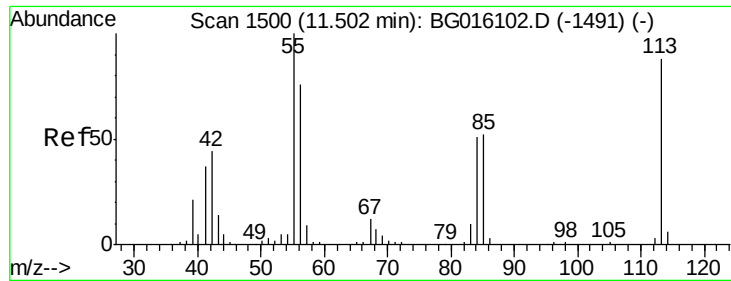
#34
Hexachlorobutadiene
Concen: 32.39 ng
RT: 10.91 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BG016109.D
Acq: 25 Mar 2015 19:08

Tgt Ion:	225	Resp:	65603
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.5	74.3
227	62.4	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: 18.54 ng

RT: 11.49 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BG016109.D

Acq: 25 Mar 2015 19:08

Instrument :

BNA_G

ClientSampleId :

PB82316BSD

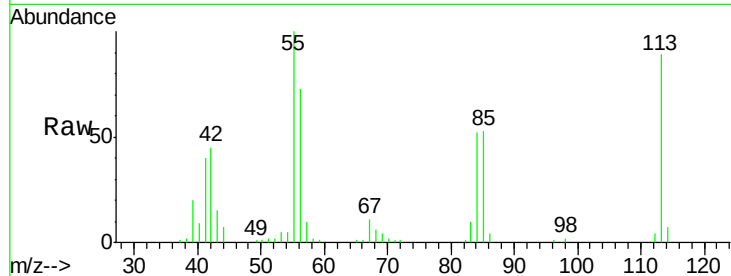
Tgt Ion:113 Resp: 34803

Ion Ratio Lower Upper

113 100

55 112.6 93.9 133.9

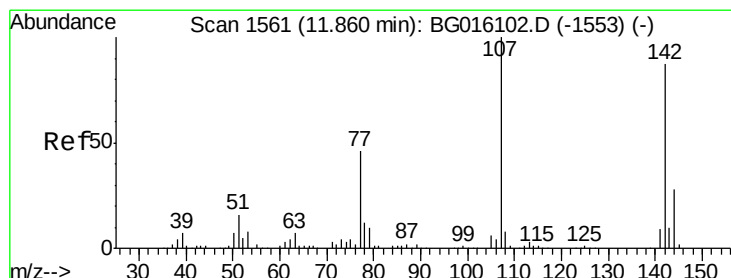
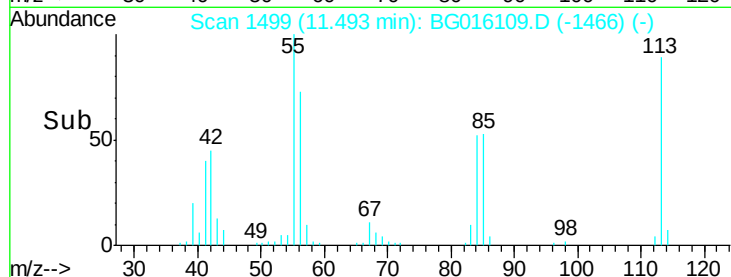
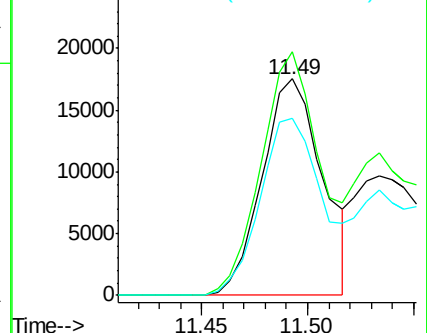
56 82.0 67.1 107.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 35.02 ng

RT: 11.86 min Scan# 1561

Delta R.T. -0.00 min

Lab File: BG016109.D

Acq: 25 Mar 2015 19:08

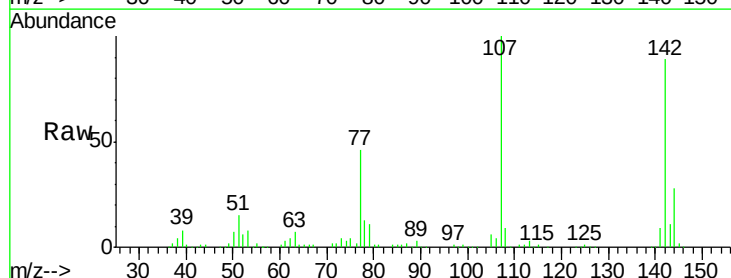
Tgt Ion:107 Resp: 142815

Ion Ratio Lower Upper

107 100

144 28.3 22.7 34.1

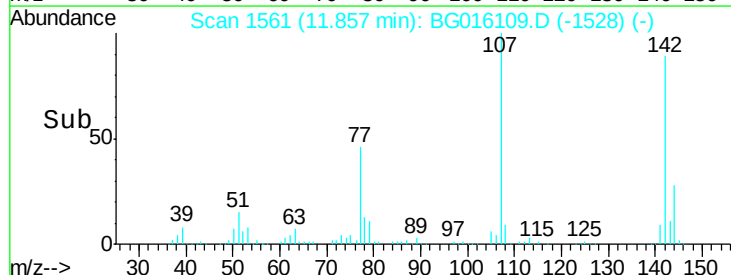
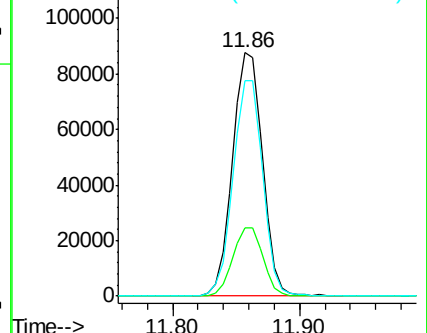
142 88.6 69.7 104.5

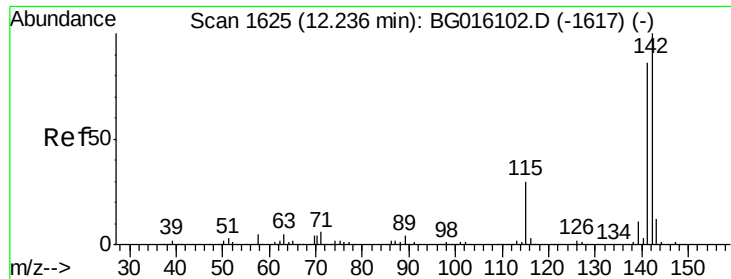


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

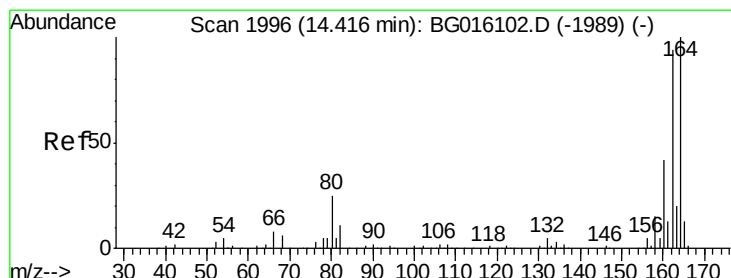
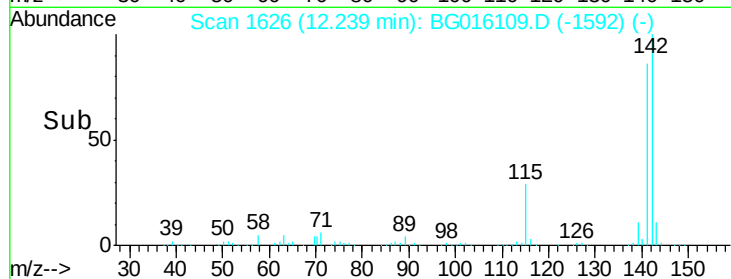
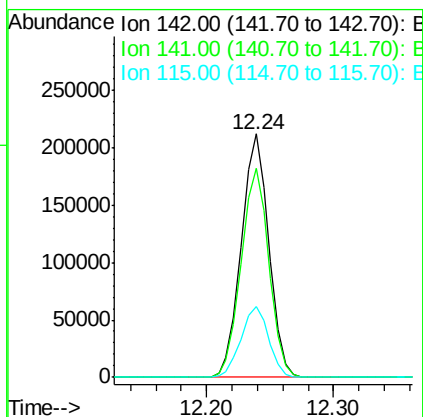
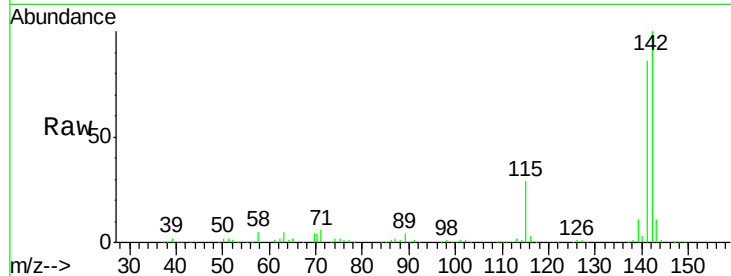




#37
2-Methylnaphthalene
Concen: 33.35 ng
RT: 12.24 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BG016109.D
Acq: 25 Mar 2015 19:08

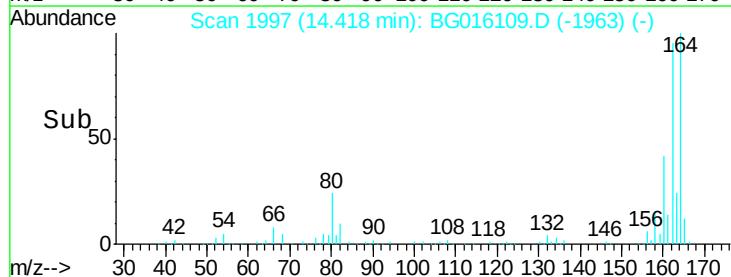
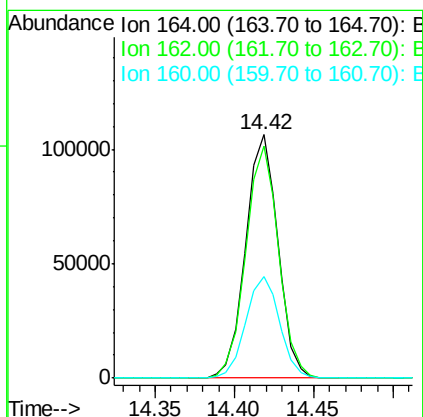
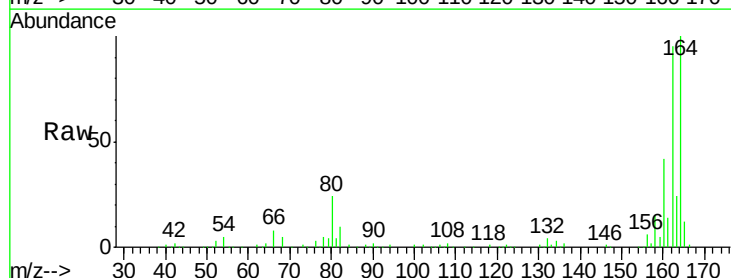
Instrument :
BNA_G
ClientSampleId :
PB82316BSD

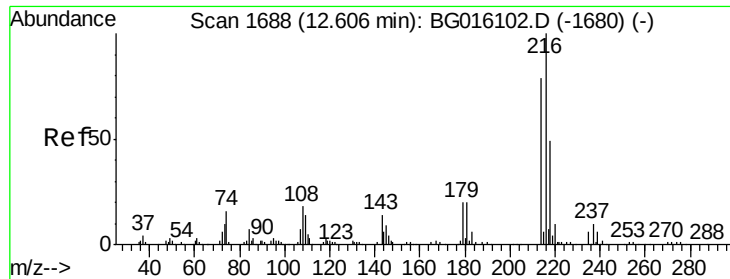
Tgt Ion:142 Resp: 318088
Ion Ratio Lower Upper
142 100
141 85.6 68.6 103.0
115 29.3 24.0 36.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.42 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BG016109.D
Acq: 25 Mar 2015 19:08

Tgt Ion:164 Resp: 150156
Ion Ratio Lower Upper
164 100
162 95.1 75.2 112.8
160 41.8 33.9 50.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.79 ng

RT: 12.61 min Scan# 1689

Delta R.T. 0.00 min

Lab File: BG016109.D

Acq: 25 Mar 2015 19:08

Instrument :

BNA_G

ClientSampleId :

PB82316BSD

Tgt Ion:216 Resp: 131593

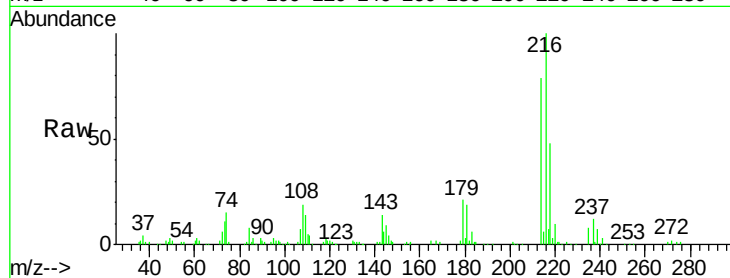
Ion Ratio Lower Upper

216 100

214 79.6 63.0 94.6

179 19.7 15.4 23.2

108 22.0 15.8 23.6

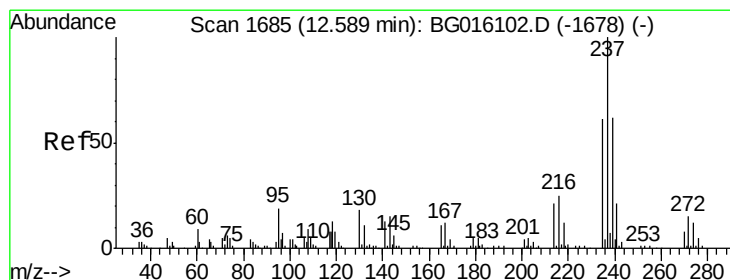
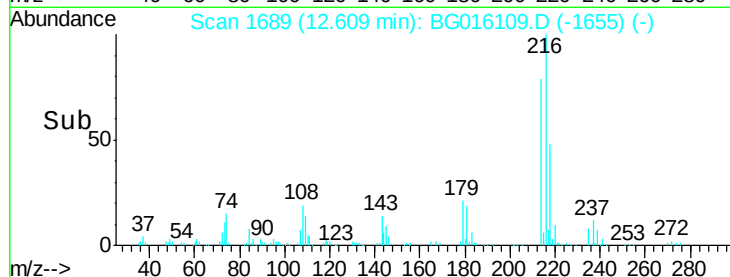
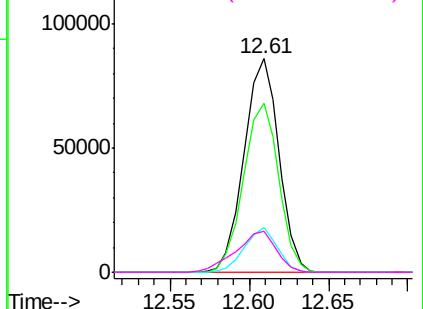


Abundance Ion 216.00 (215.70 to 216.70): E

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: 74.35 ng

RT: 12.59 min Scan# 1685

Delta R.T. -0.00 min

Lab File: BG016109.D

Acq: 25 Mar 2015 19:08

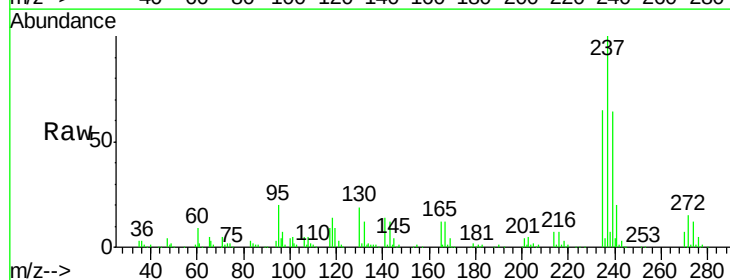
Tgt Ion:237 Resp: 164392

Ion Ratio Lower Upper

237 100

235 65.2 41.5 81.5

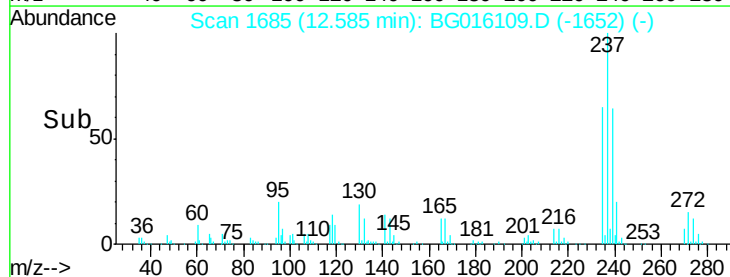
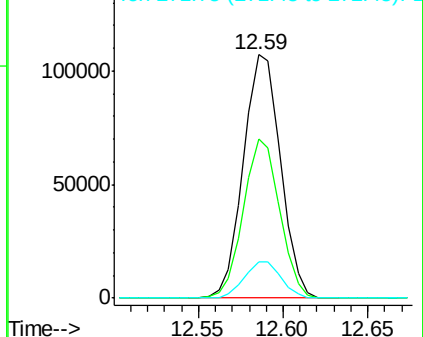
272 14.7 0.0 35.3

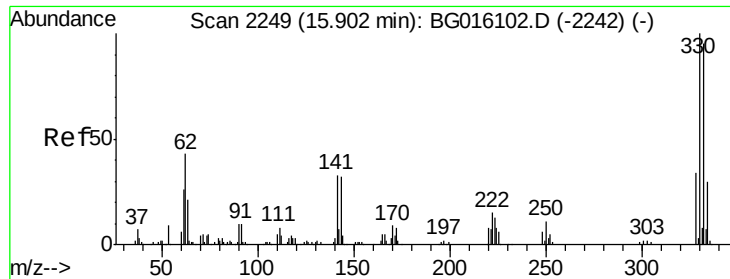


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

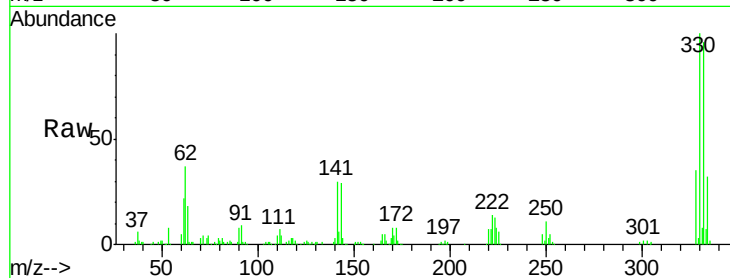




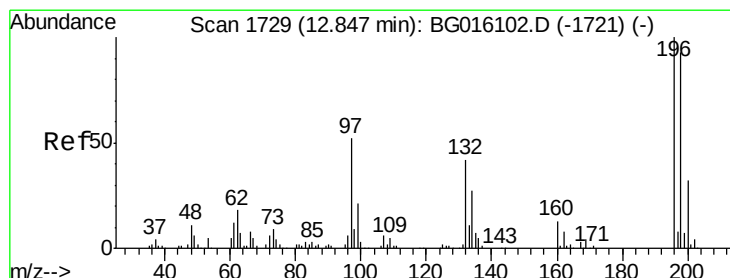
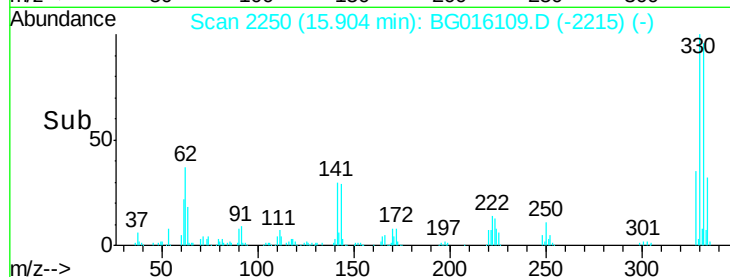
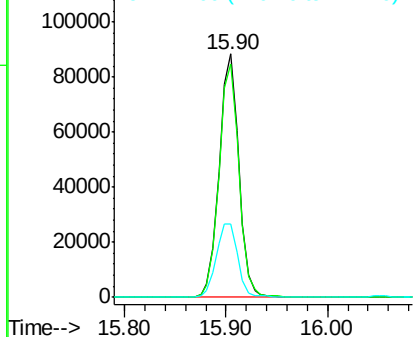
#41
 2,4,6-Tribromophenol
 Concen: 67.71 ng
 RT: 15.90 min Scan# 2250
 Delta R.T. 0.00 min
 Lab File: BG016109.D
 Acq: 25 Mar 2015 19:08

Instrument :
 BNA_G
 ClientSampleId :
 PB82316BSD

Tgt Ion:330 Resp: 118965
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 114.8
 141 32.6 26.2 39.4

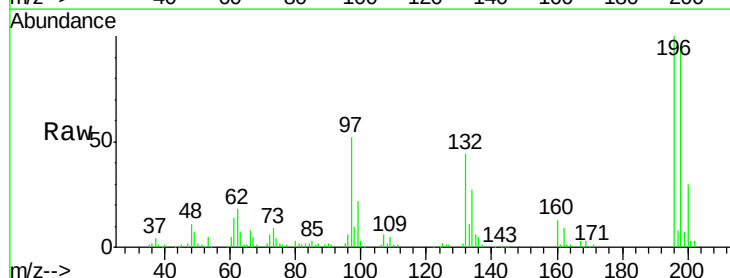


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

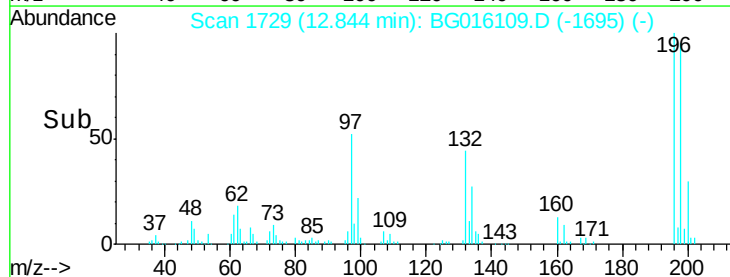
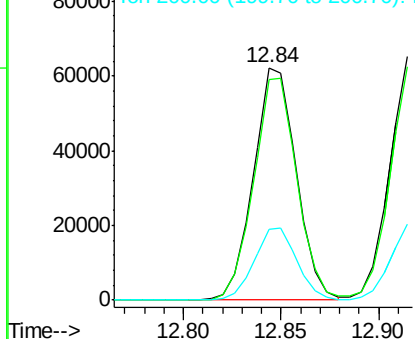


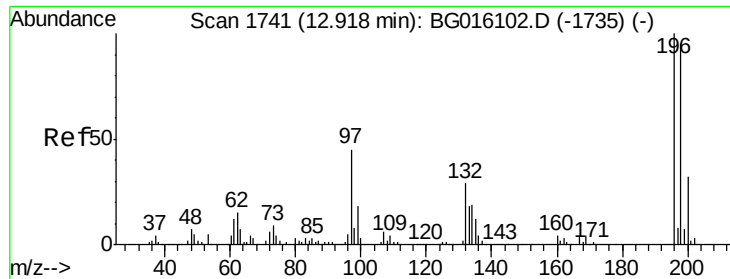
#42
 2,4,6-Trichlorophenol
 Concen: 34.85 ng
 RT: 12.84 min Scan# 1729
 Delta R.T. -0.00 min
 Lab File: BG016109.D
 Acq: 25 Mar 2015 19:08

Tgt Ion:196 Resp: 94138
 Ion Ratio Lower Upper
 196 100
 198 94.8 74.0 111.0
 200 30.4 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

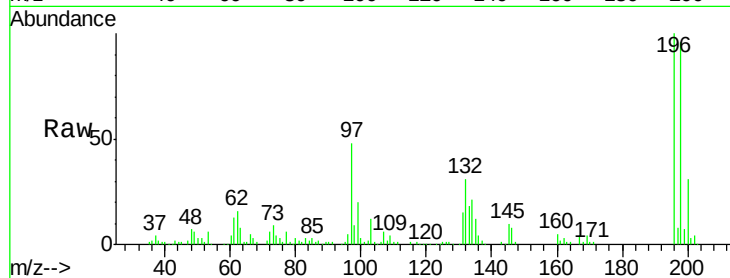




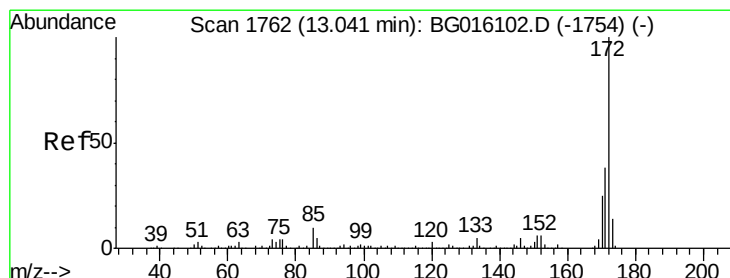
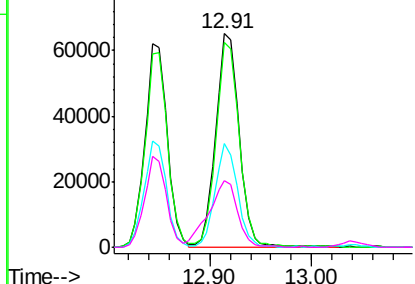
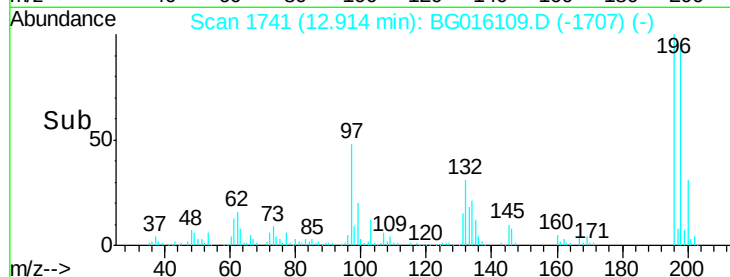
#43
 2,4,5-Trichlorophenol
 Concen: 35.64 ng
 RT: 12.91 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG016109.D
 Acq: 25 Mar 2015 19:08

Instrument :
 BNA_G
 ClientSampleID :
 PB82316BSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	76.2	114.4
97	48.3	36.2	54.4
132	31.5	23.6	35.4

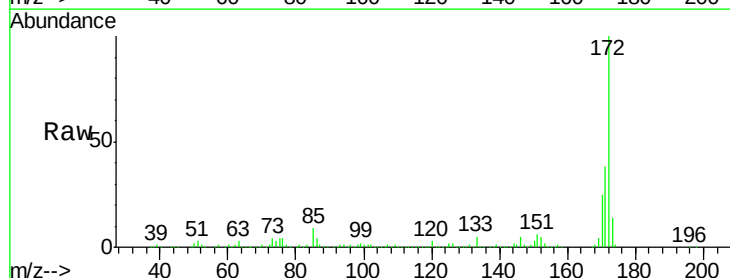


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

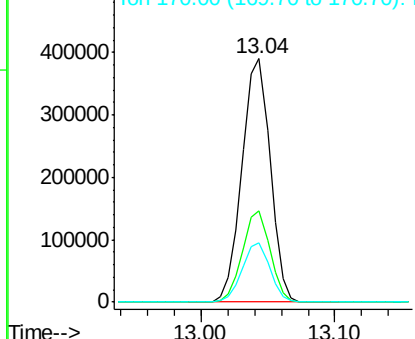
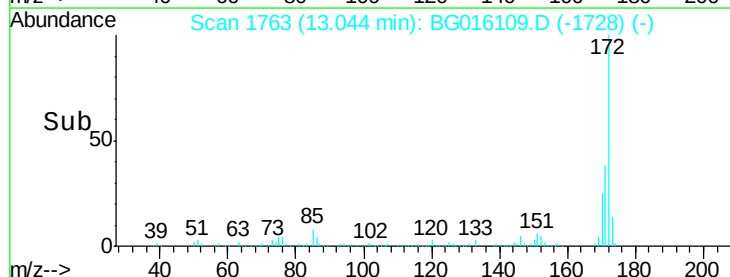


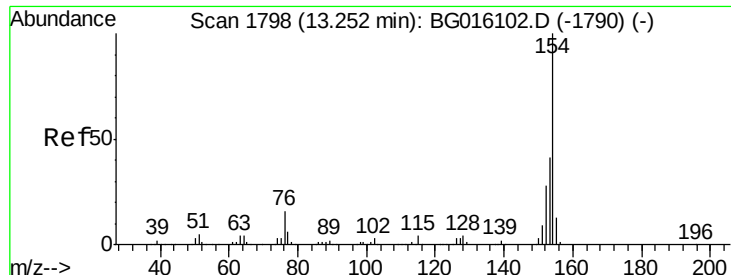
#44
 2-Fluorobiphenyl
 Concen: 65.04 ng
 RT: 13.04 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: BG016109.D
 Acq: 25 Mar 2015 19:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.3	45.5
170	24.6	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: 34.81 ng

RT: 13.25 min Scan# 1798

Delta R.T. -0.00 min

Lab File: BG016109.D

Acq: 25 Mar 2015 19:08

Instrument :

BNA_G

ClientSampleId :

PB82316BSD

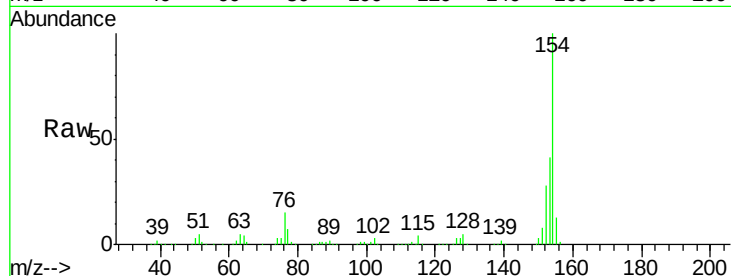
Tgt Ion:154 Resp: 383322

Ion Ratio Lower Upper

154 100

153 41.4 21.4 61.4

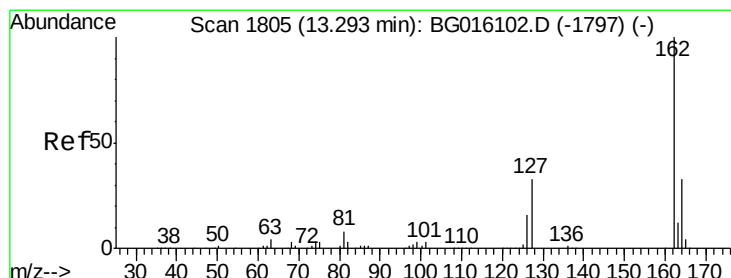
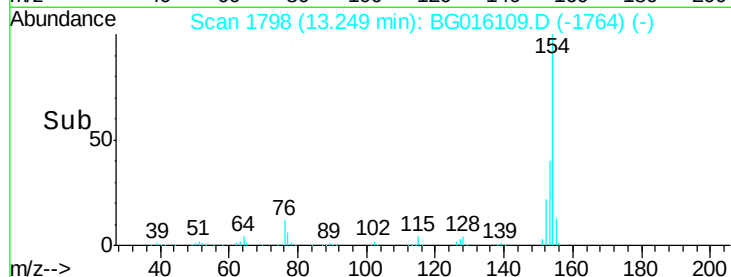
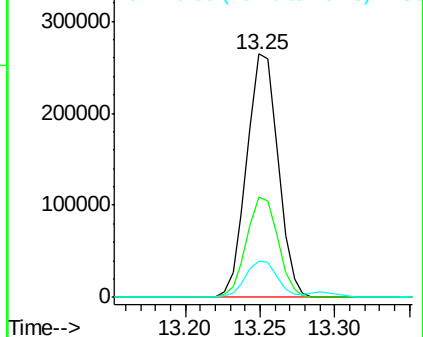
76 15.1 0.0 35.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 33.93 ng

RT: 13.29 min Scan# 1805

Delta R.T. -0.00 min

Lab File: BG016109.D

Acq: 25 Mar 2015 19:08

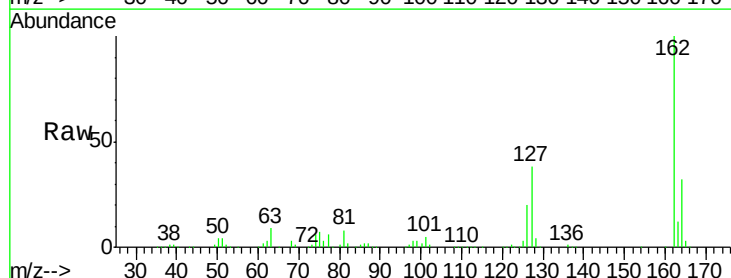
Tgt Ion:162 Resp: 291400

Ion Ratio Lower Upper

162 100

127 38.1 29.4 44.2

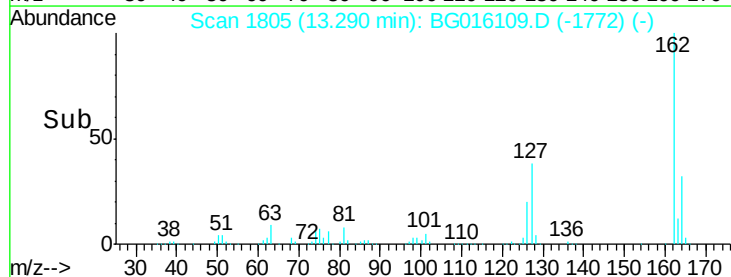
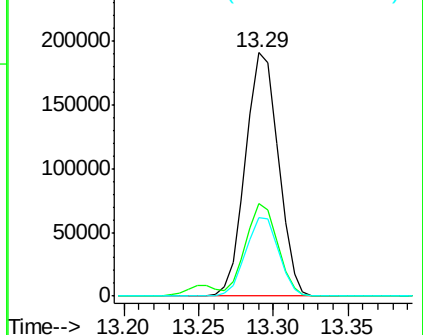
164 32.5 26.1 39.1

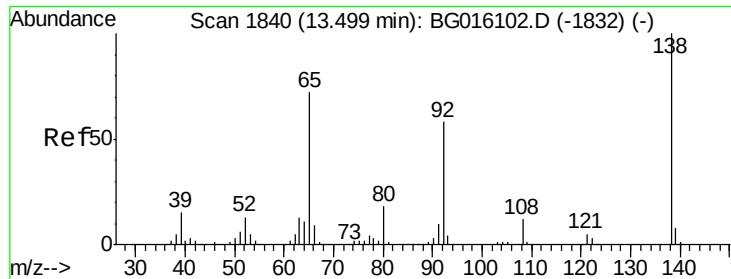


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

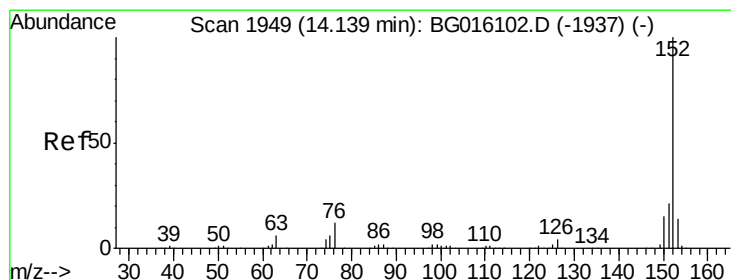
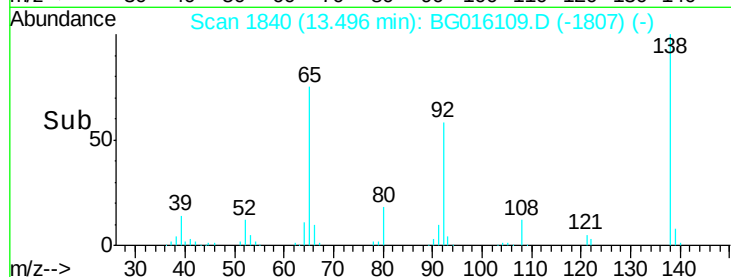
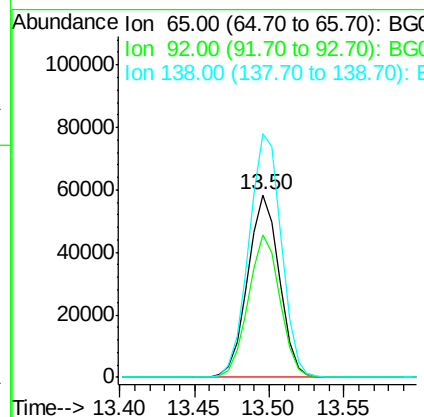
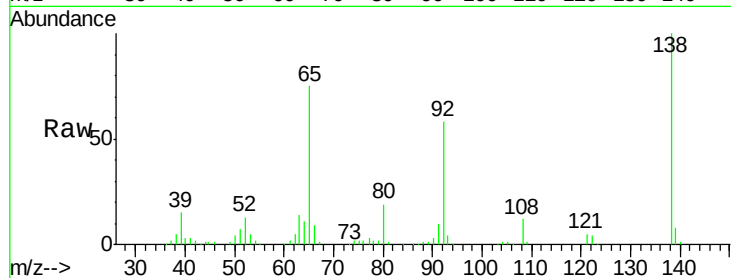




#47
2-Nitroaniline
Concen: 34.41 ng
RT: 13.50 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BG016109.D
Acq: 25 Mar 2015 19:08

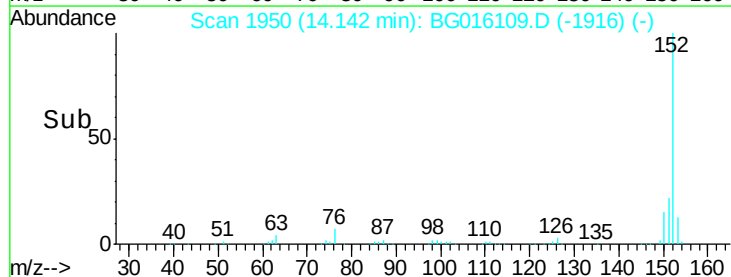
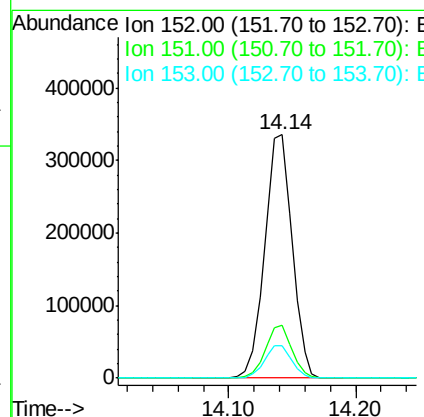
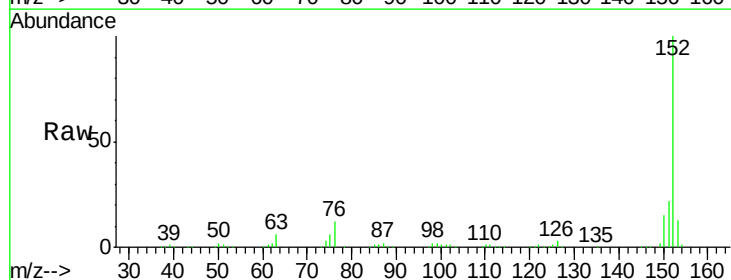
Instrument :
BNA_G
ClientSampleId :
PB82316BSD

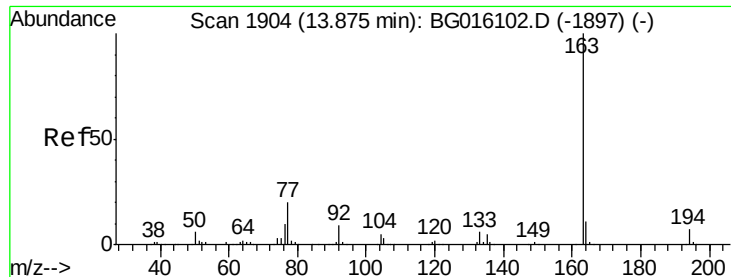
Tgt Ion: 65 Resp: 84891
Ion Ratio Lower Upper
65 100
92 77.7 64.2 96.4
138 133.2 110.4 165.6



#48
Acenaphthylene
Concen: 32.31 ng
RT: 14.14 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BG016109.D
Acq: 25 Mar 2015 19:08

Tgt Ion: 152 Resp: 507088
Ion Ratio Lower Upper
152 100
151 21.6 17.0 25.4
153 13.2 11.0 16.4





#49

Dimethylphthalate

Concen: 34.29 ng

RT: 13.88 min Scan# 1905

Delta R.T. 0.00 min

Lab File: BG016109.D

Acq: 25 Mar 2015 19:08

Instrument :

BNA_G

ClientSampleId :

PB82316BSD

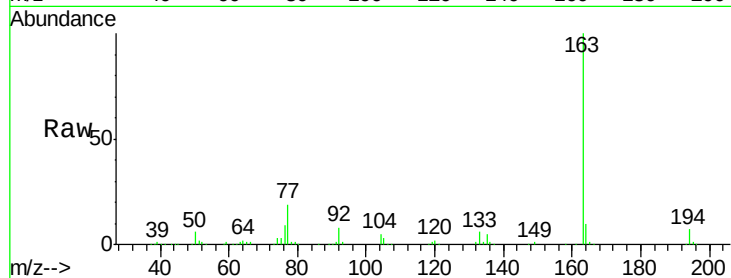
Tgt Ion:163 Resp: 361054

Ion Ratio Lower Upper

163 100

194 7.0 5.4 8.0

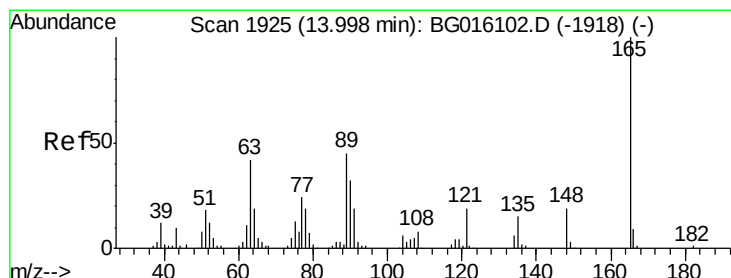
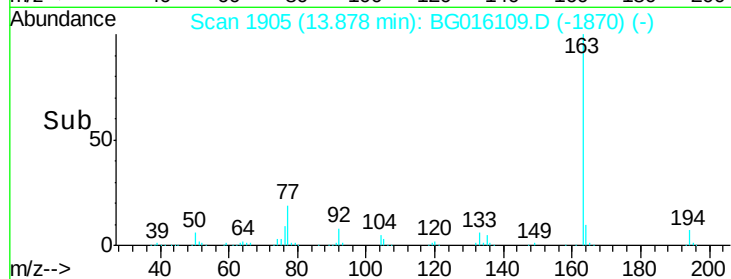
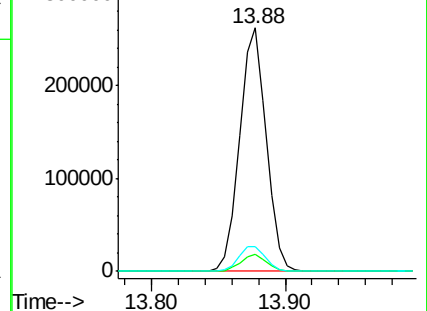
164 10.1 8.6 13.0



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: 35.23 ng

RT: 14.00 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG016109.D

Acq: 25 Mar 2015 19:08

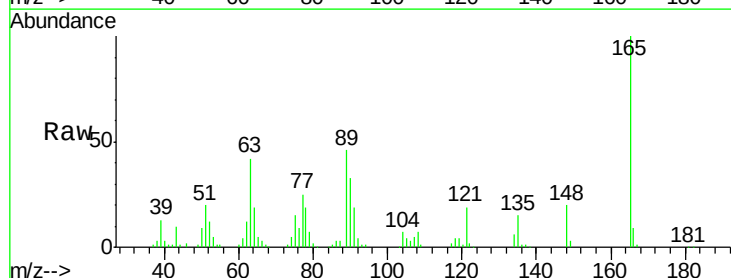
Tgt Ion:165 Resp: 87975

Ion Ratio Lower Upper

165 100

63 42.2 33.8 50.6

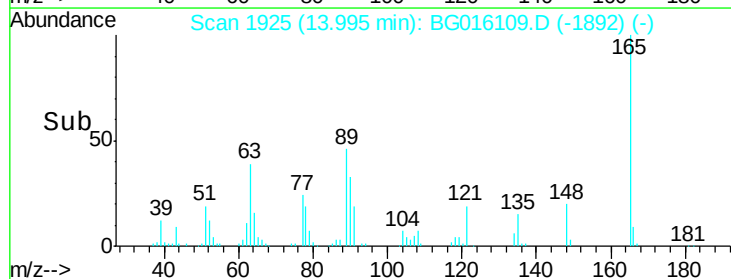
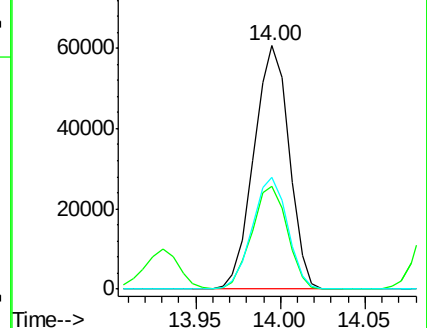
89 45.9 35.8 53.8

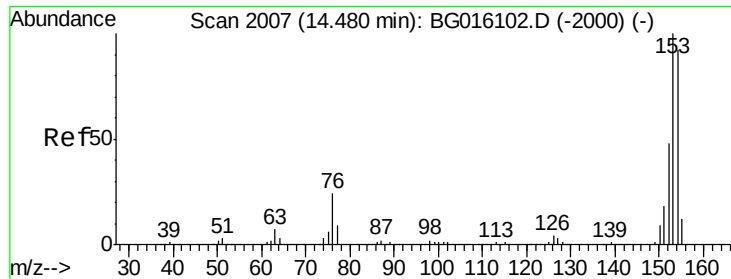


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 32.04 ng

RT: 14.48 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BG016109.D

Acq: 25 Mar 2015 19:08

Instrument :

BNA_G

ClientSampleId :

PB82316BSD

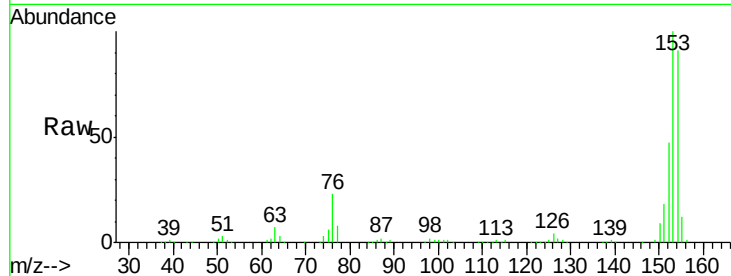
Tgt Ion:154 Resp: 303279

Ion Ratio Lower Upper

154 100

153 109.9 87.2 130.8

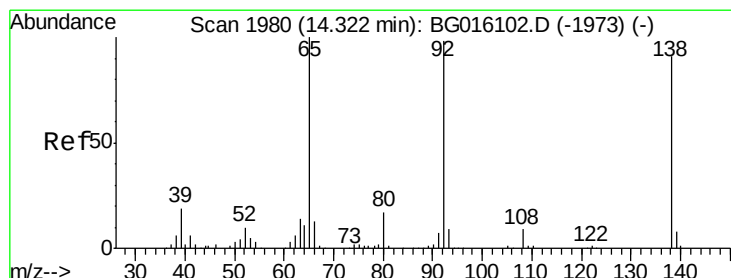
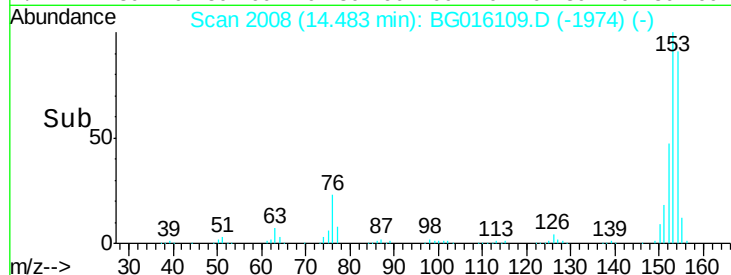
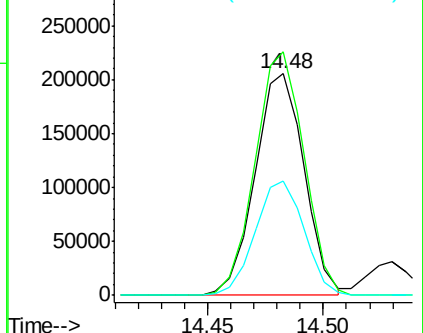
152 51.8 41.8 62.6



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: 7.60 ng

RT: 14.32 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BG016109.D

Acq: 25 Mar 2015 19:08

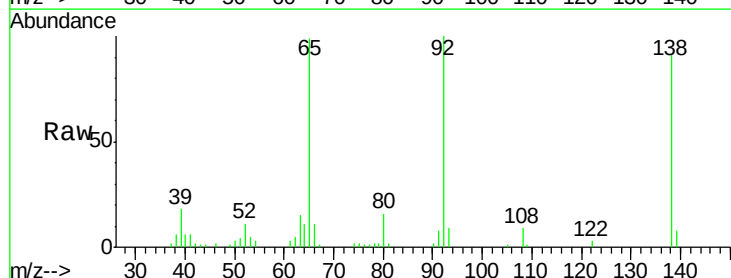
Tgt Ion:138 Resp: 23234

Ion Ratio Lower Upper

138 100

108 10.2 7.8 11.6

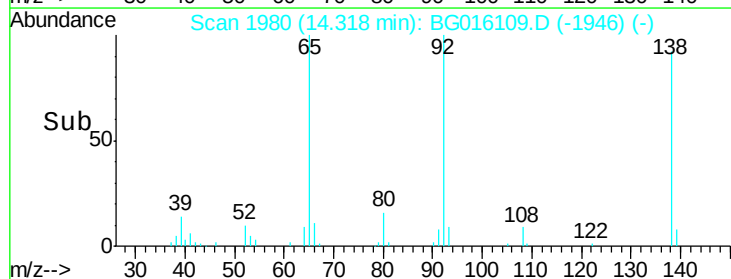
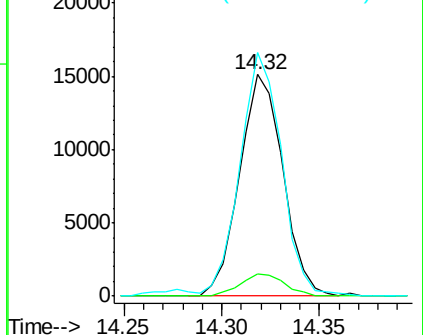
92 109.8 85.8 128.8

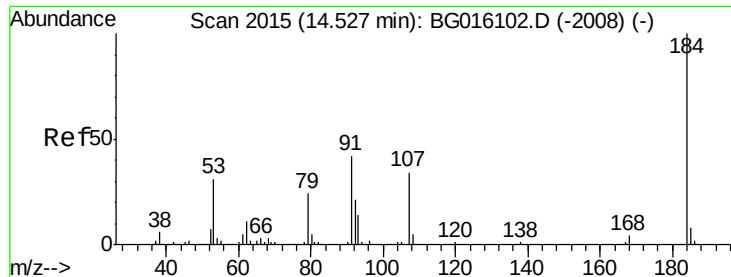


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGO

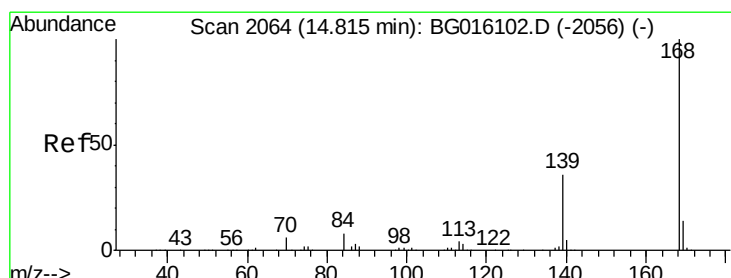
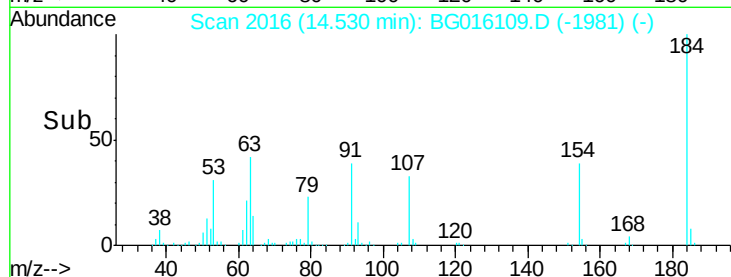
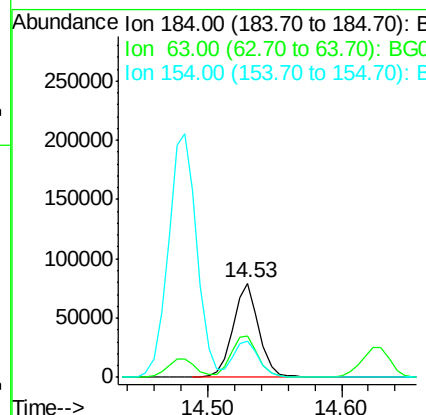
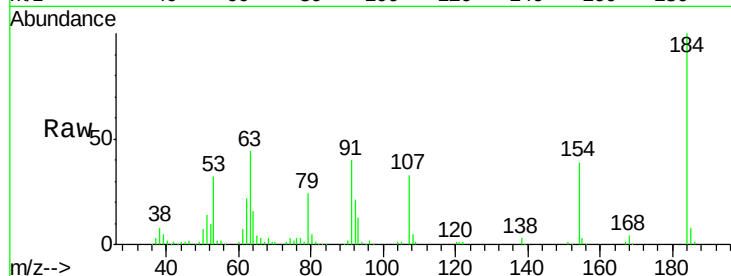




#53
2,4-Dinitrophenol
Concen: 71.22 ng
RT: 14.53 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BG016109.D
Acq: 25 Mar 2015 19:08

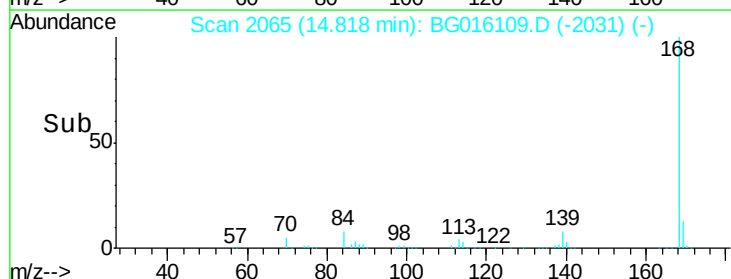
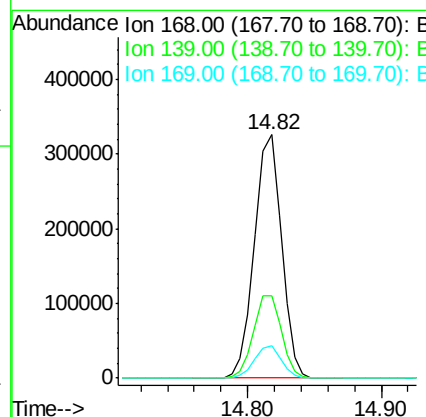
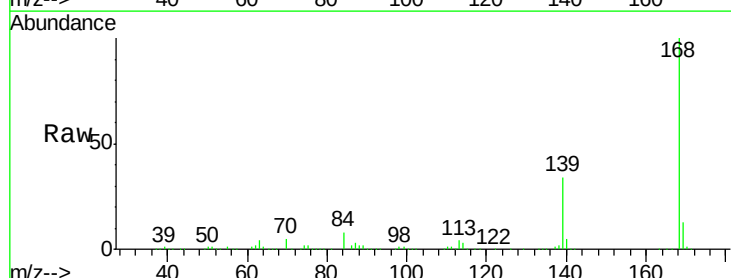
Instrument :
BNA_G
ClientSampleId :
PB82316BSD

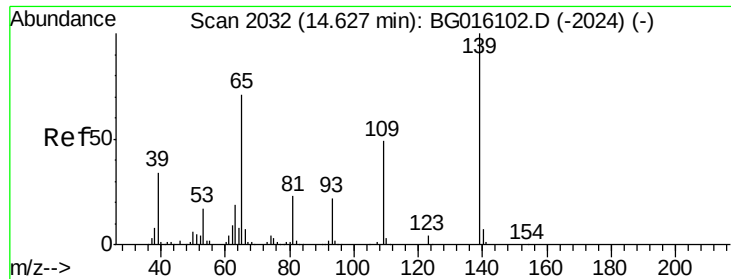
Tgt Ion:184 Resp: 107406
Ion Ratio Lower Upper
184 100
63 44.3 36.5 54.7
154 39.1 30.2 45.4



#54
Dibenzofuran
Concen: 34.44 ng
RT: 14.82 min Scan# 2065
Delta R.T. 0.00 min
Lab File: BG016109.D
Acq: 25 Mar 2015 19:08

Tgt Ion:168 Resp: 455521
Ion Ratio Lower Upper
168 100
139 33.7 29.0 43.4
169 13.5 11.1 16.7

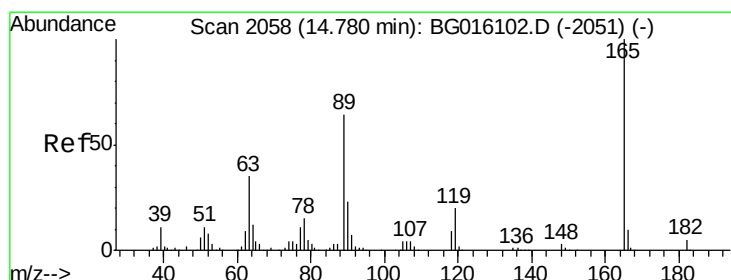
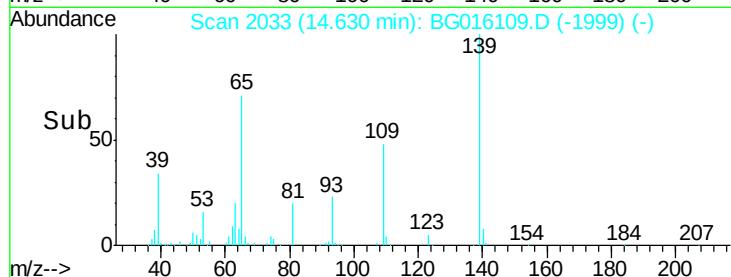
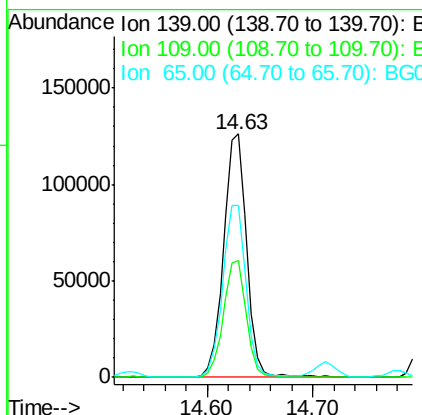
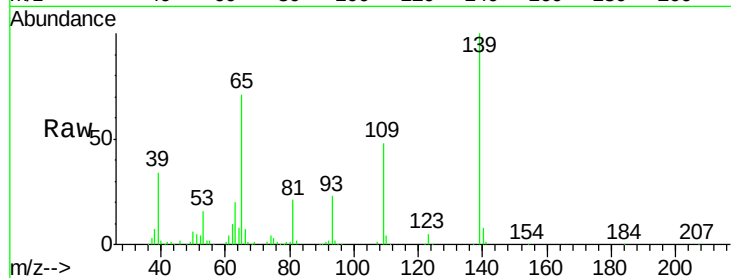




#55
4-Nitrophenol
Concen: 76.61 ng
RT: 14.63 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BG016109.D
Acq: 25 Mar 2015 19:08

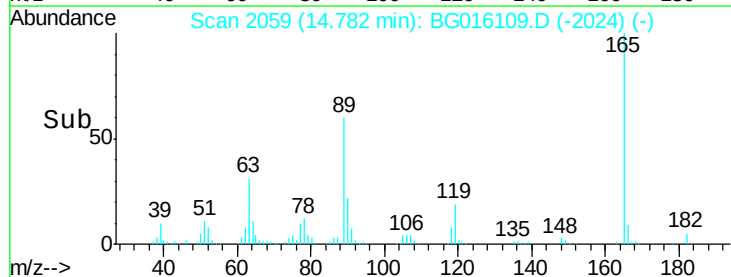
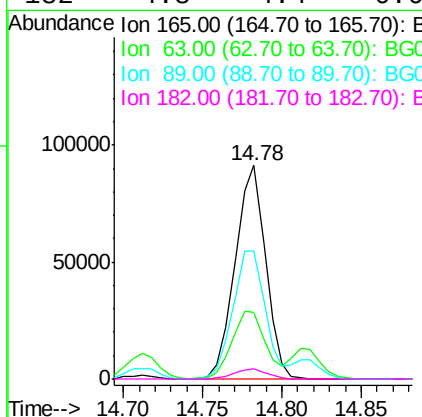
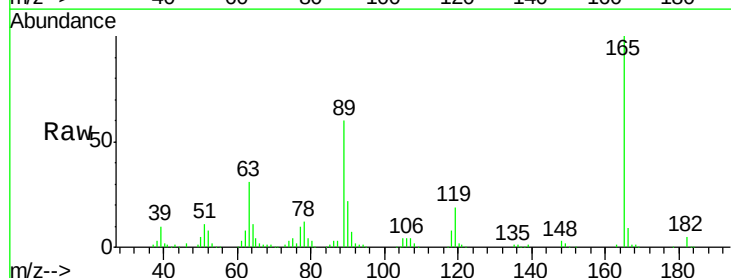
Instrument :
BNA_G
ClientSampleId :
PB82316BSD

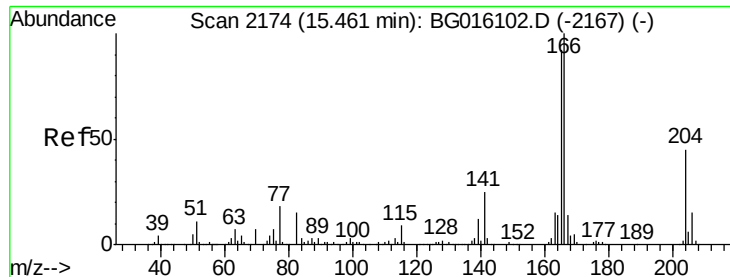
Tgt Ion:139 Resp: 189778
Ion Ratio Lower Upper
139 100
109 47.8 28.7 68.7
65 70.8 50.7 90.7



#56
2,4-Dinitrotoluene
Concen: 35.44 ng
RT: 14.78 min Scan# 2059
Delta R.T. 0.00 min
Lab File: BG016109.D
Acq: 25 Mar 2015 19:08

Tgt Ion:165 Resp: 121281
Ion Ratio Lower Upper
165 100
63 31.4 27.8 41.6
89 60.0 51.2 76.8
182 4.8 4.4 6.6

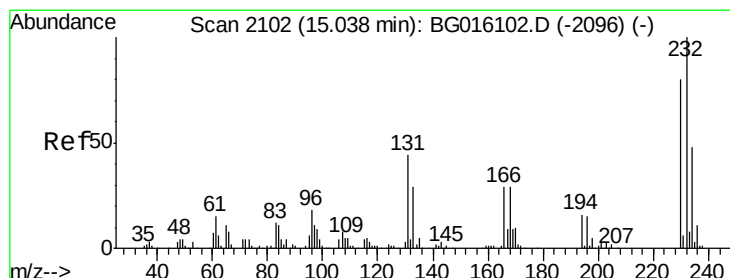
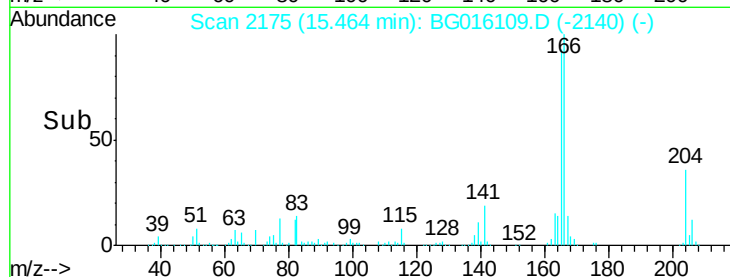
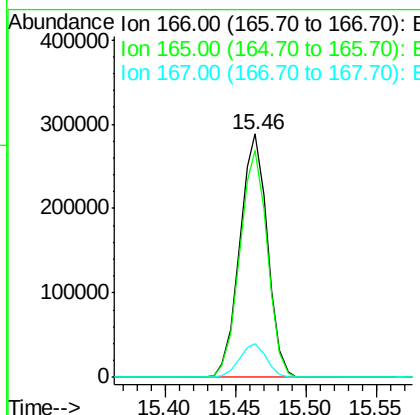
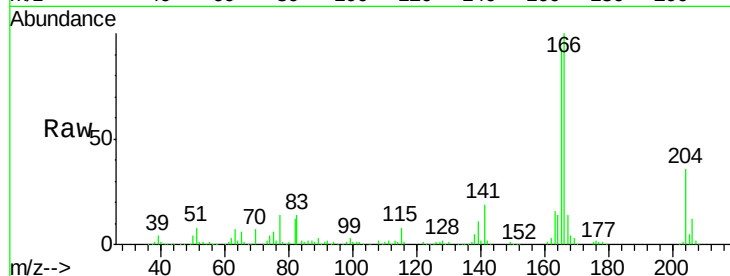




#57
 Fluorene
 Concen: 33.30 ng
 RT: 15.46 min Scan# 2175
 Delta R.T. 0.00 min
 Lab File: BG016109.D
 Acq: 25 Mar 2015 19:08

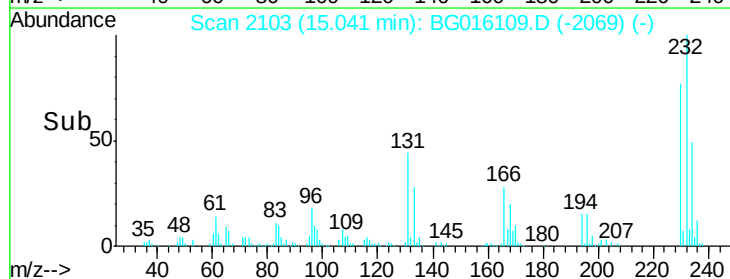
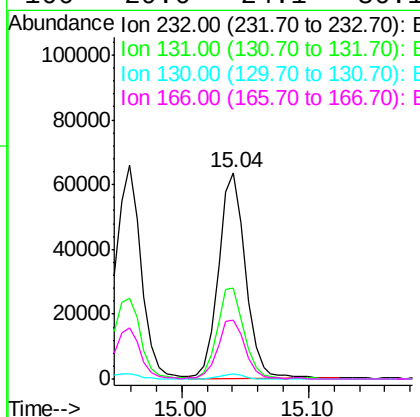
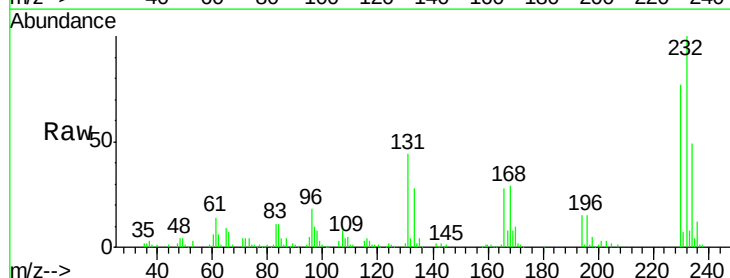
Instrument :
 BNA_G
 ClientSampleId :
 PB82316BSD

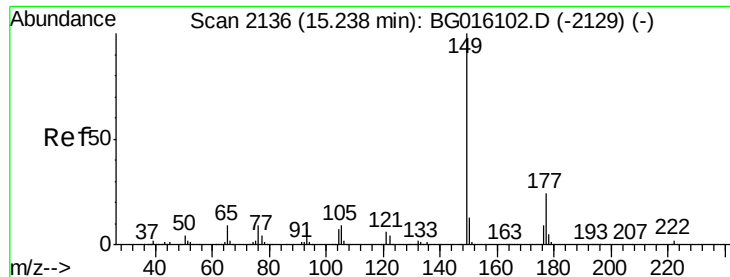
Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.2	73.9	110.9
167	14.1	11.3	16.9



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.59 ng
 RT: 15.04 min Scan# 2103
 Delta R.T. 0.00 min
 Lab File: BG016109.D
 Acq: 25 Mar 2015 19:08

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.6	36.0	54.0
130	2.3	1.9	2.9
166	29.6	24.1	36.1





#59

Diethylphthalate

Concen: 34.19 ng

RT: 15.24 min Scan# 2137

Delta R.T. 0.00 min

Lab File: BG016109.D

Acq: 25 Mar 2015 19:08

Instrument :

BNA_G

ClientSampleId :

PB82316BSD

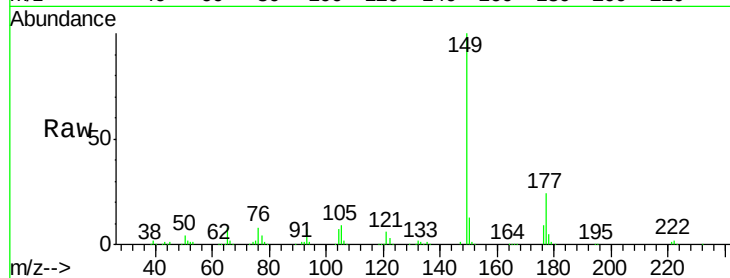
Tgt Ion:149 Resp: 370204

Ion Ratio Lower Upper

149 100

177 23.8 19.5 29.3

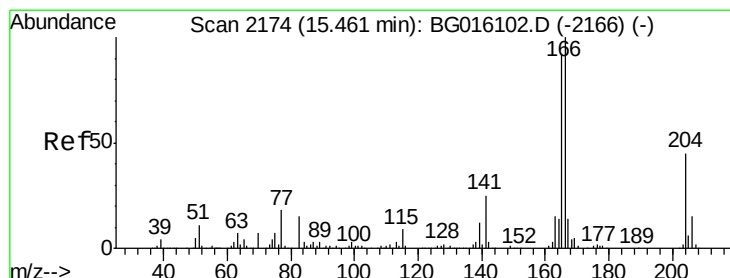
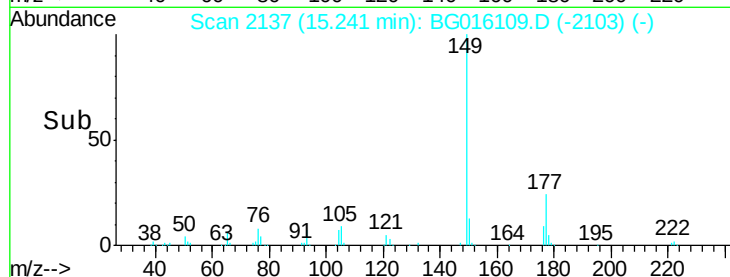
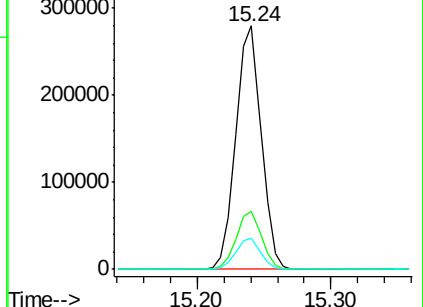
150 12.8 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 34.07 ng

RT: 15.46 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BG016109.D

Acq: 25 Mar 2015 19:08

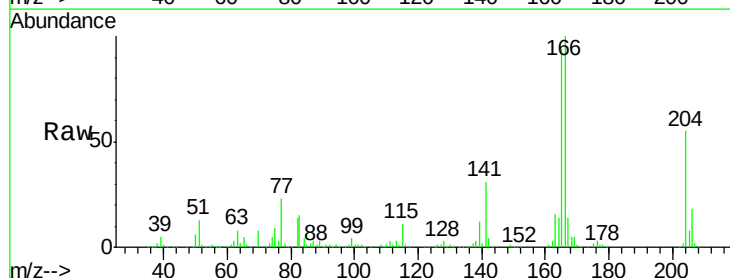
Tgt Ion:204 Resp: 176879

Ion Ratio Lower Upper

204 100

206 33.2 26.5 39.7

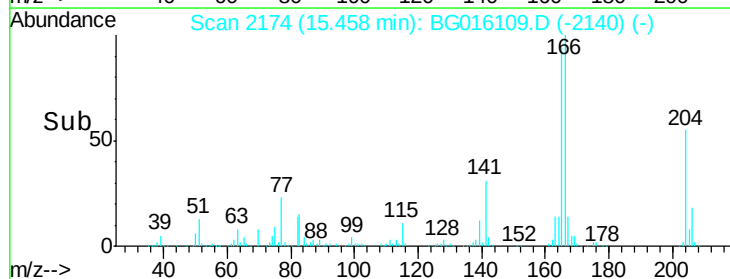
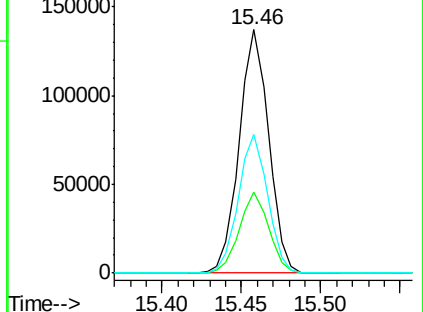
141 56.8 45.0 67.6

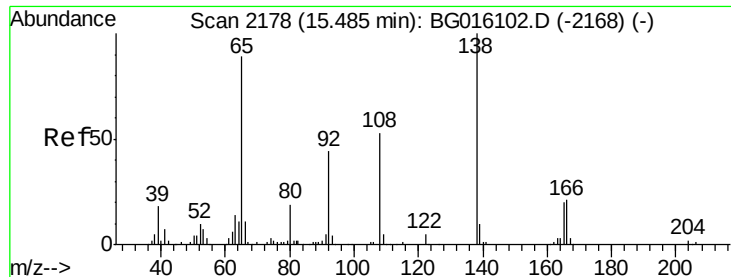


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

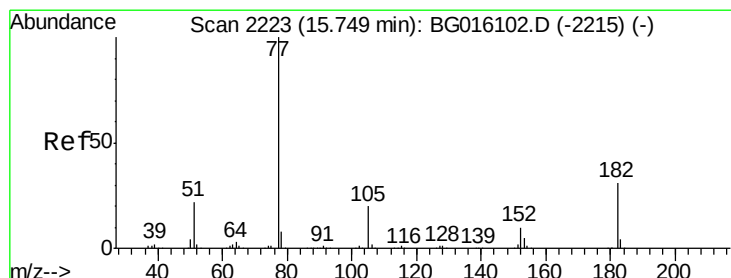
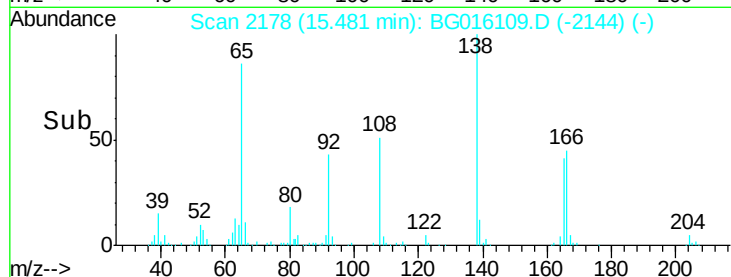
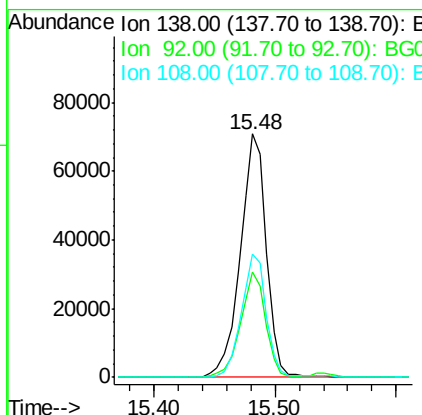
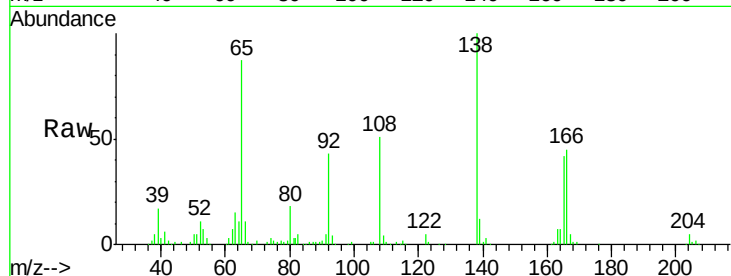




#61
4-Nitroaniline
Concen: 30.71 ng
RT: 15.48 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BG016109.D
Acq: 25 Mar 2015 19:08

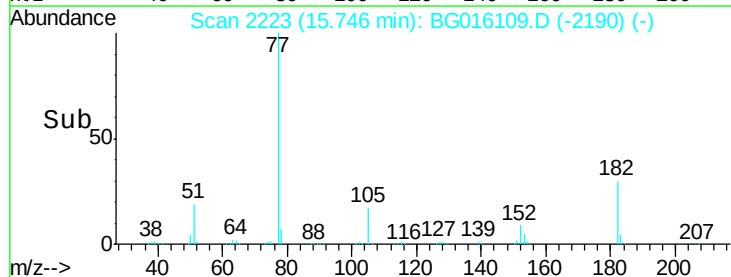
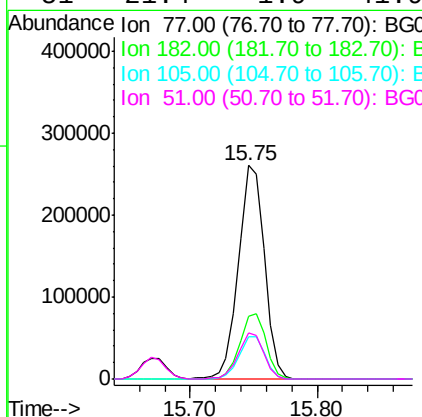
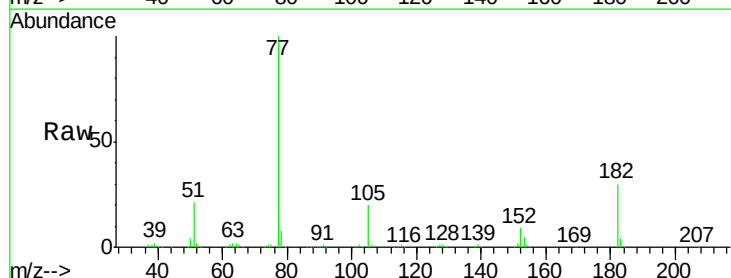
Instrument :
BNA_G
ClientSampleId :
PB82316BSD

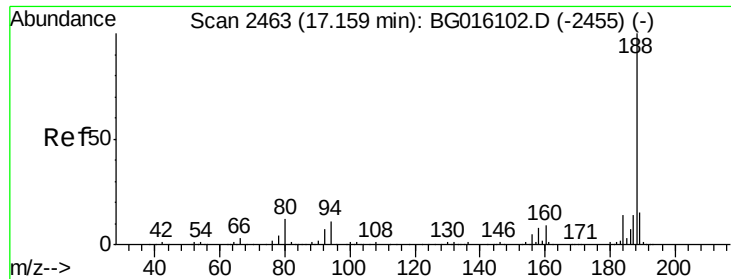
Tgt Ion: 138 Resp: 106244
Ion Ratio Lower Upper
138 100
92 43.3 24.2 64.2
108 50.5 32.7 72.7



#62
Azobenzene
Concen: 33.15 ng
RT: 15.75 min Scan# 2223
Delta R.T. -0.00 min
Lab File: BG016109.D
Acq: 25 Mar 2015 19:08

Tgt Ion: 77 Resp: 369758
Ion Ratio Lower Upper
77 100
182 29.6 10.9 50.9
105 19.7 0.0 40.0
51 21.4 1.9 41.9

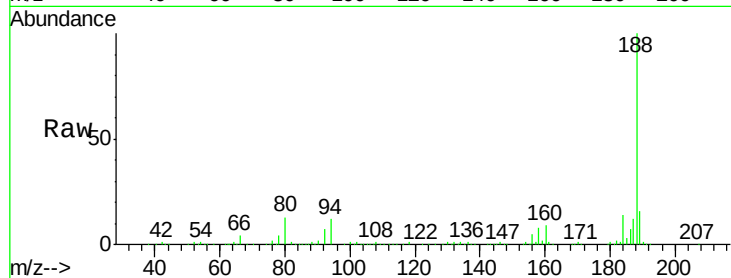




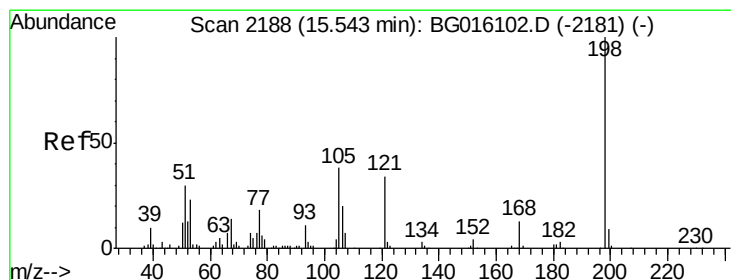
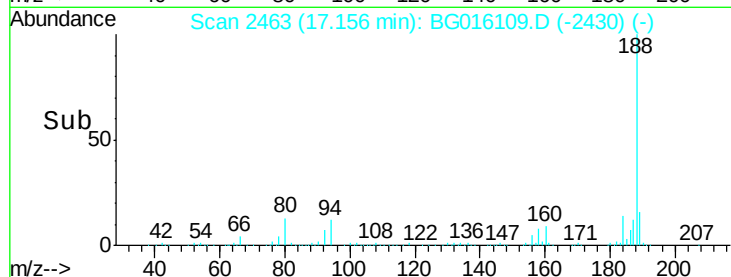
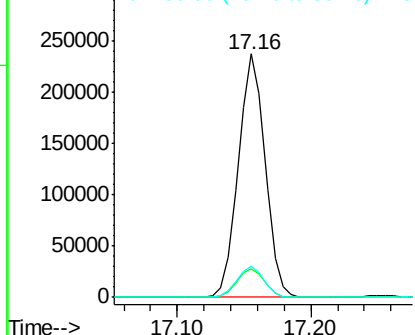
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.16 min Scan# 2463
Delta R.T. -0.00 min
Lab File: BG016109.D
Acq: 25 Mar 2015 19:08

Instrument :
BNA_G
ClientSampleId :
PB82316BSD

Tgt Ion:188 Resp: 328981
Ion Ratio Lower Upper
188 100
94 11.8 9.1 13.7
80 12.8 9.8 14.8

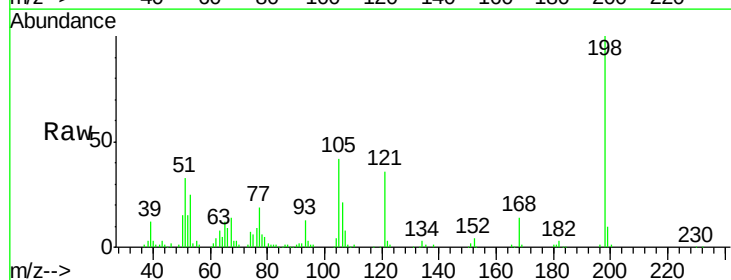


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

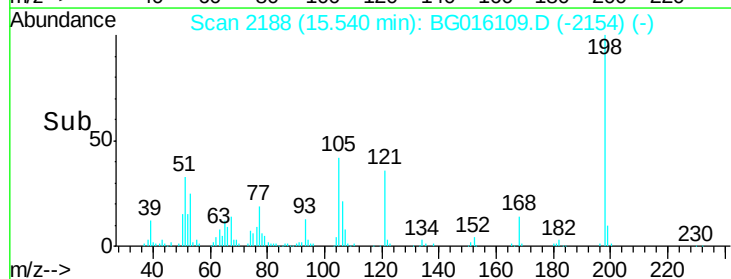
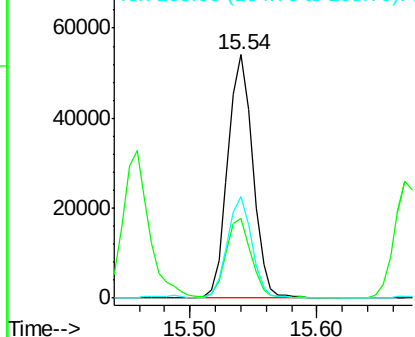


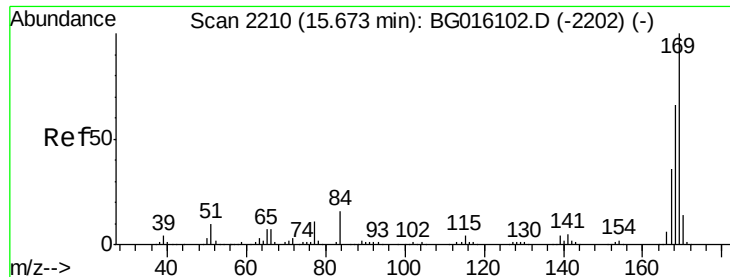
#64
4,6-Dinitro-2-methylphenol
Concen: 32.94 ng
RT: 15.54 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BG016109.D
Acq: 25 Mar 2015 19:08

Tgt Ion:198 Resp: 73870
Ion Ratio Lower Upper
198 100
51 32.9 10.7 50.7
105 41.9 18.3 58.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E

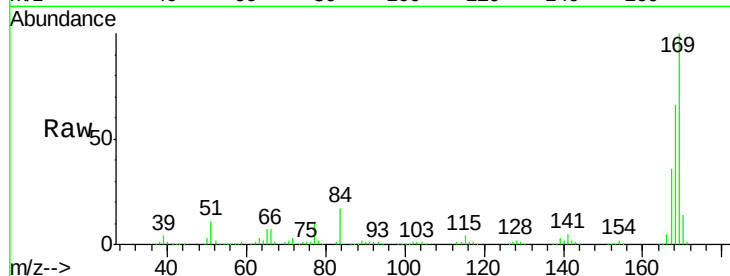




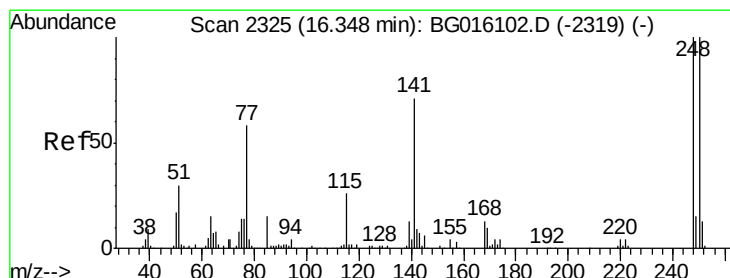
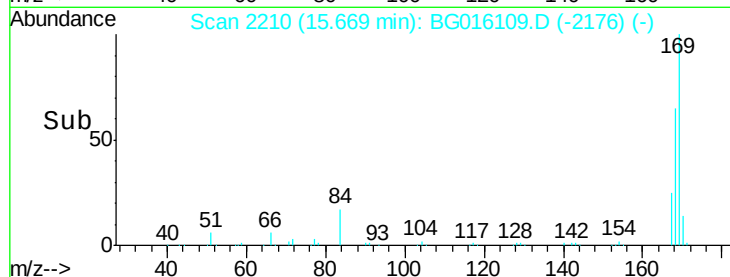
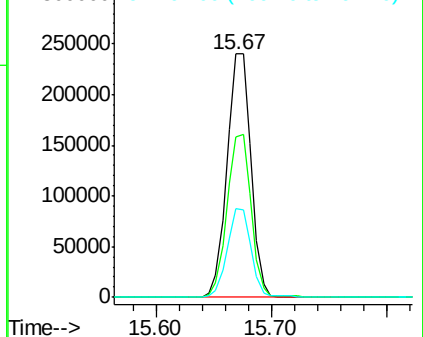
#65
 n-Nitrosodiphenylamine
 Concen: 32.69 ng
 RT: 15.67 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: BG016109.D
 Acq: 25 Mar 2015 19:08

Instrument :
 BNA_G
 ClientSampleId :
 PB82316BSD

Tgt Ion:169 Resp: 342917
 Ion Ratio Lower Upper
 169 100
 168 65.9 53.0 79.4
 167 36.3 29.0 43.4

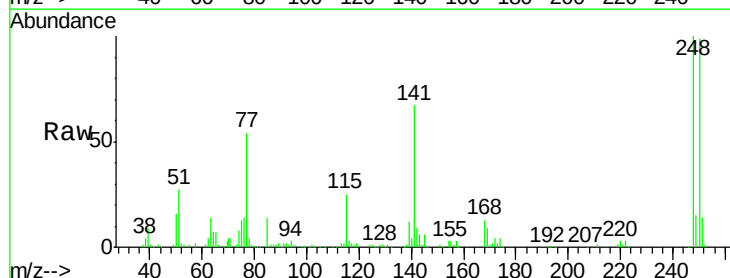


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

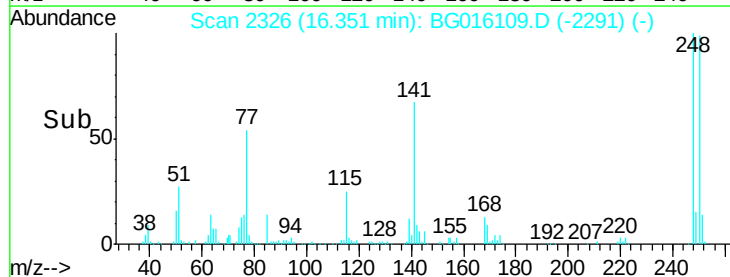
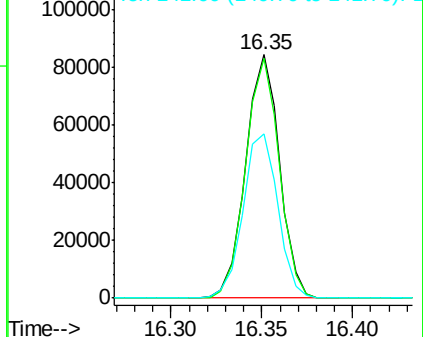


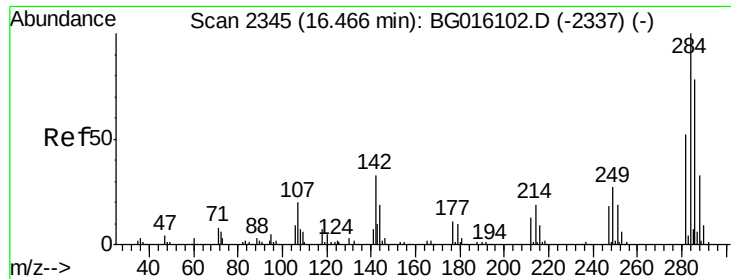
#66
 4-Bromophenyl-phenylether
 Concen: 32.44 ng
 RT: 16.35 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: BG016109.D
 Acq: 25 Mar 2015 19:08

Tgt Ion:248 Resp: 109525
 Ion Ratio Lower Upper
 248 100
 250 98.6 80.2 120.2
 141 67.4 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: 32.18 ng

RT: 16.46 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BG016109.D

Acq: 25 Mar 2015 19:08

Instrument :

BNA_G

ClientSampleId :

PB82316BSD

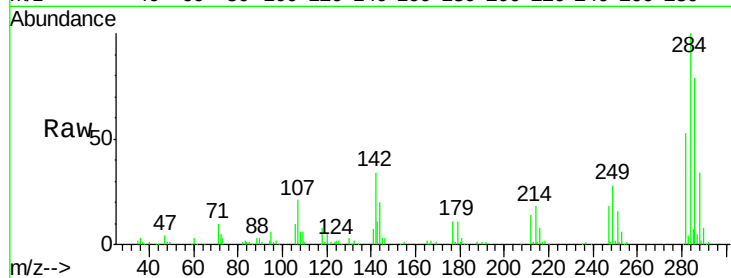
Tgt Ion:284 Resp: 122100

Ion Ratio Lower Upper

284 100

142 34.4 26.7 40.1

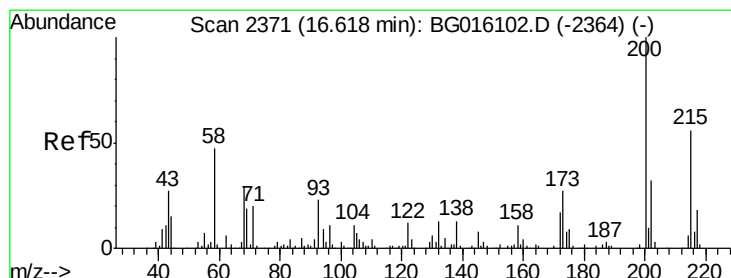
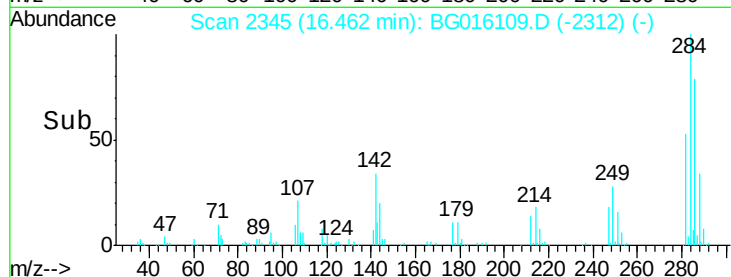
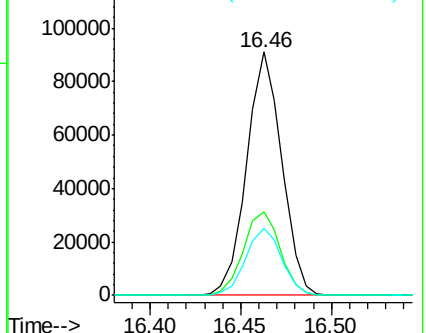
249 27.6 21.8 32.8



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: 37.50 ng

RT: 16.62 min Scan# 2372

Delta R.T. 0.00 min

Lab File: BG016109.D

Acq: 25 Mar 2015 19:08

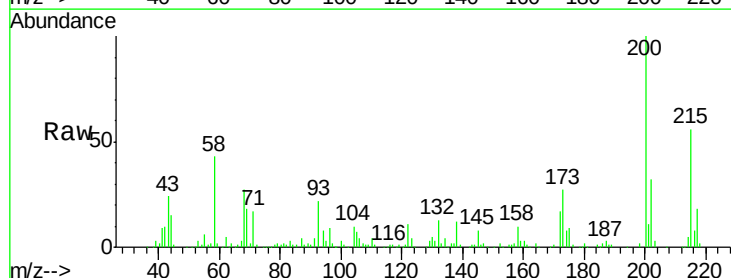
Tgt Ion:200 Resp: 117039

Ion Ratio Lower Upper

200 100

173 27.0 7.5 47.5

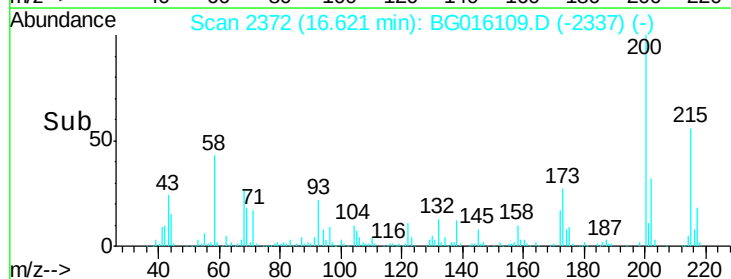
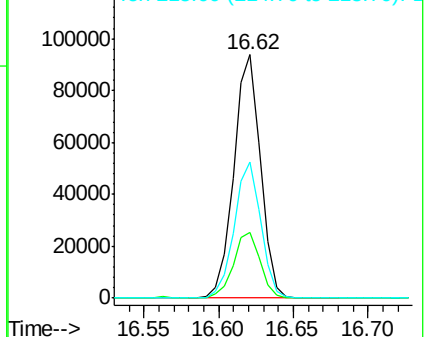
215 56.1 36.4 76.4

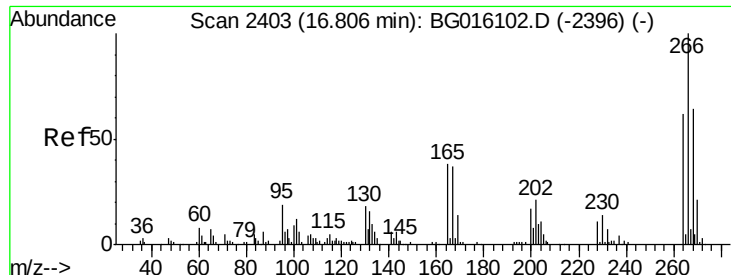


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

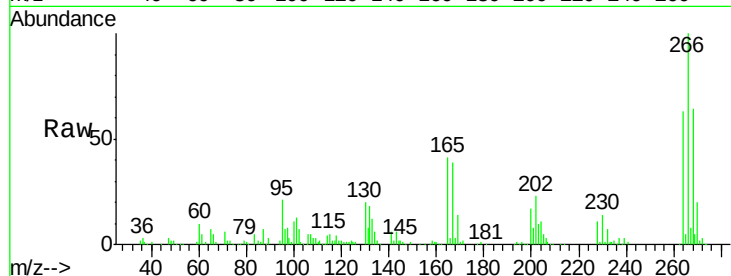




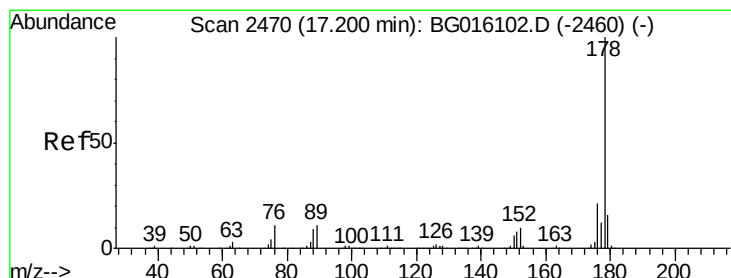
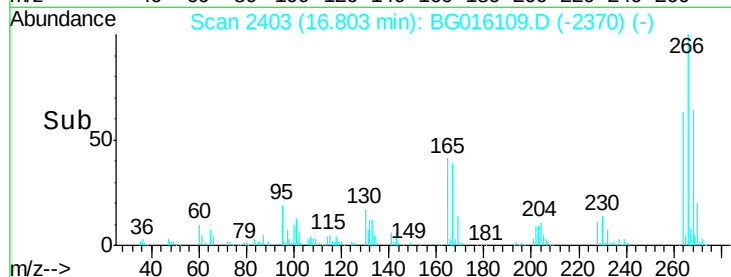
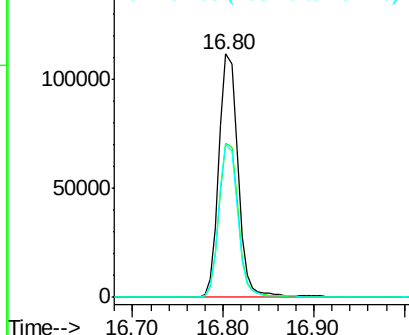
#69
 Pentachlorophenol
 Concen: 75.83 ng
 RT: 16.80 min Scan# 2403
 Delta R.T. -0.00 min
 Lab File: BG016109.D
 Acq: 25 Mar 2015 19:08

Instrument :
 BNA_G
 ClientSampleId :
 PB82316BSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.5	77.3
264	62.7	49.8	74.6

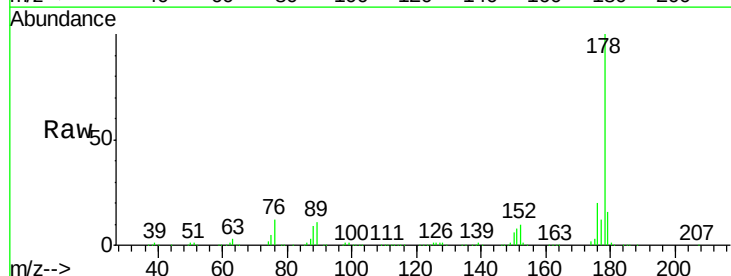


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

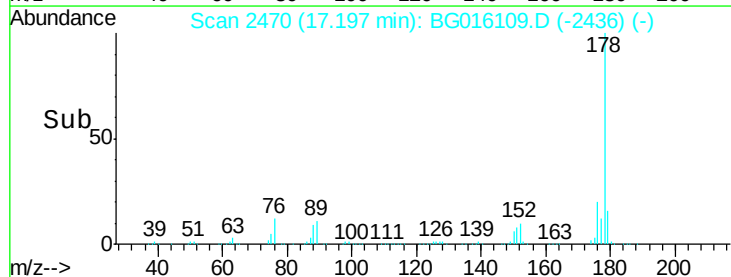
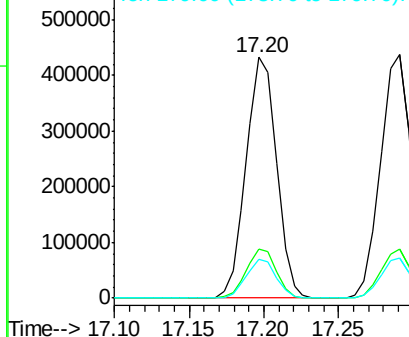


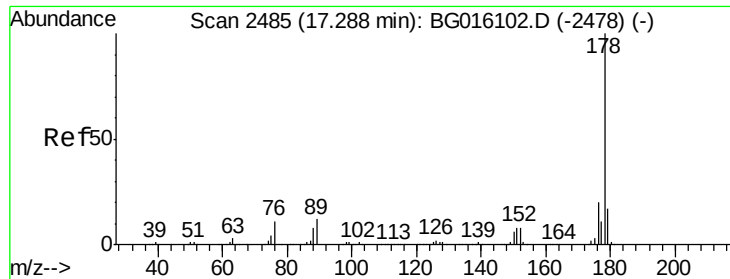
#70
 Phenanthrene
 Concen: 33.09 ng
 RT: 17.20 min Scan# 2470
 Delta R.T. -0.00 min
 Lab File: BG016109.D
 Acq: 25 Mar 2015 19:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.5	24.7
179	15.9	13.0	19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

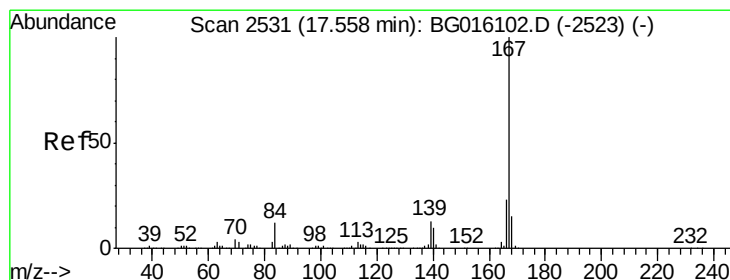
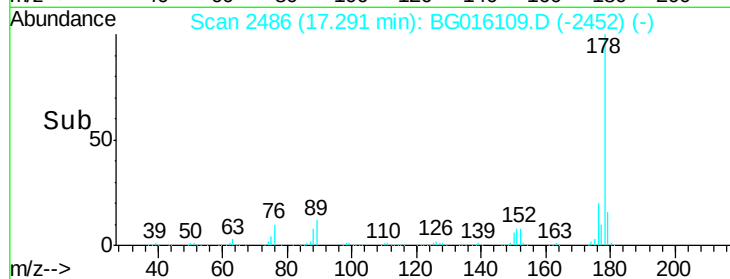
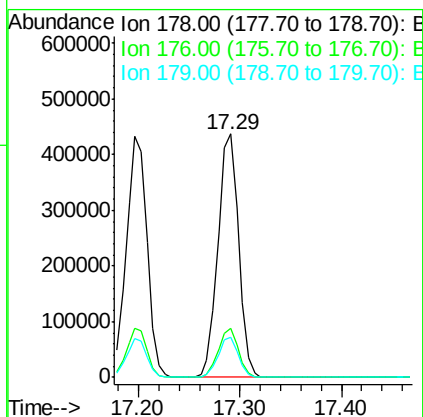
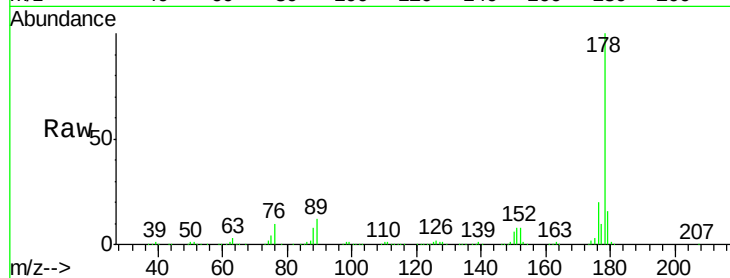




#71
 Anthracene
 Concen: 33.80 ng
 RT: 17.29 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: BG016109.D
 Acq: 25 Mar 2015 19:08

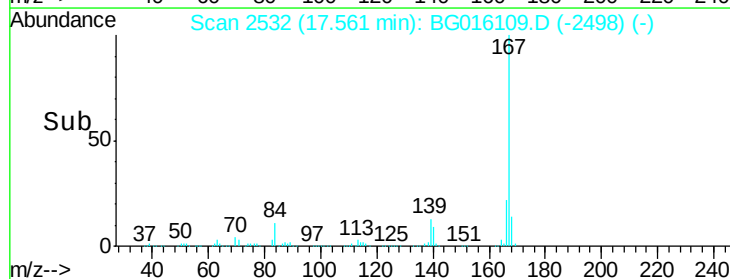
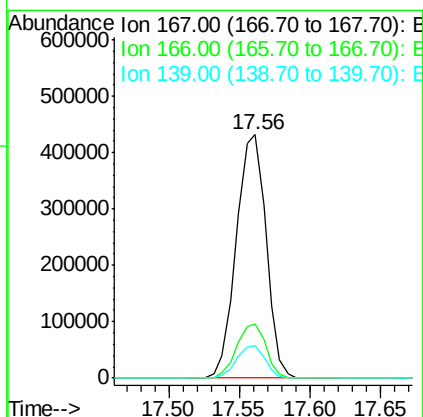
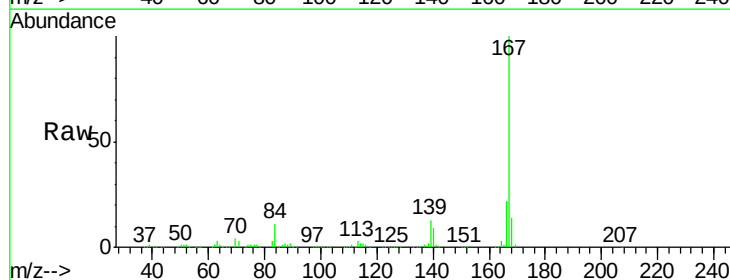
Instrument :
 BNA_G
 ClientSampleId :
 PB82316BSD

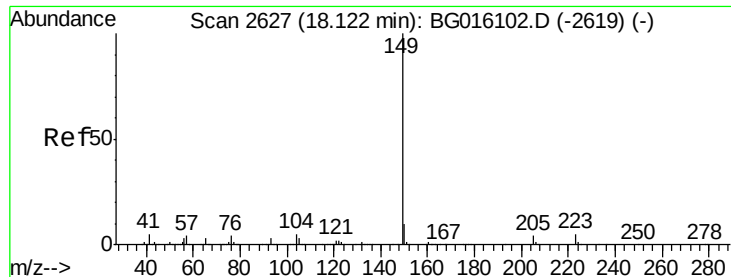
Tgt Ion:178 Resp: 620556
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.6 23.4
 179 16.2 13.3 19.9



#72
 Carbazole
 Concen: 35.27 ng
 RT: 17.56 min Scan# 2532
 Delta R.T. 0.00 min
 Lab File: BG016109.D
 Acq: 25 Mar 2015 19:08

Tgt Ion:167 Resp: 635430
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.2 27.2
 139 13.1 10.7 16.1





#73

Di-n-butylphthalate

Concen: 37.09 ng

RT: 18.12 min Scan# 2628

Delta R.T. 0.00 min

Lab File: BG016109.D

Acq: 25 Mar 2015 19:08

Instrument :

BNA_G

ClientSampleId :

PB82316BSD

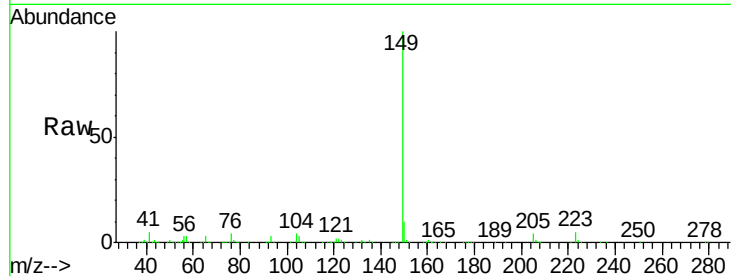
Tgt Ion:149 Resp: 755566

Ion Ratio Lower Upper

149 100

150 9.8 8.0 12.0

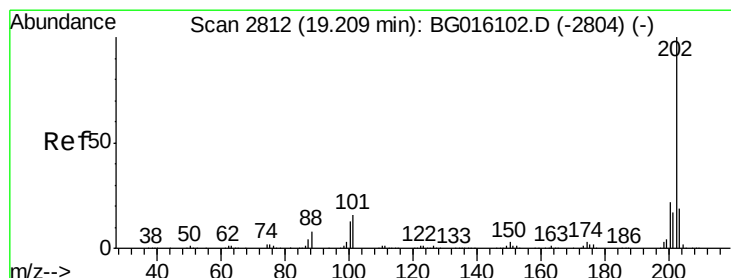
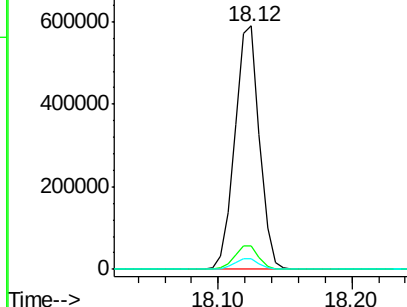
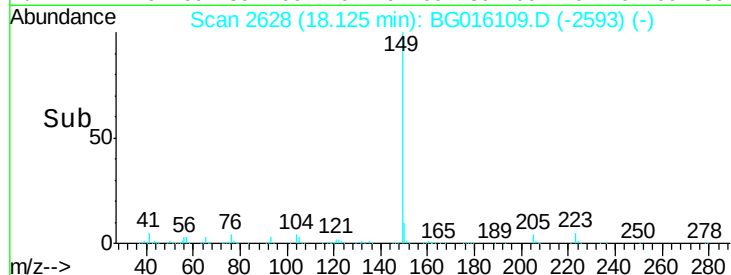
104 4.5 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.38 ng

RT: 19.21 min Scan# 2813

Delta R.T. 0.00 min

Lab File: BG016109.D

Acq: 25 Mar 2015 19:08

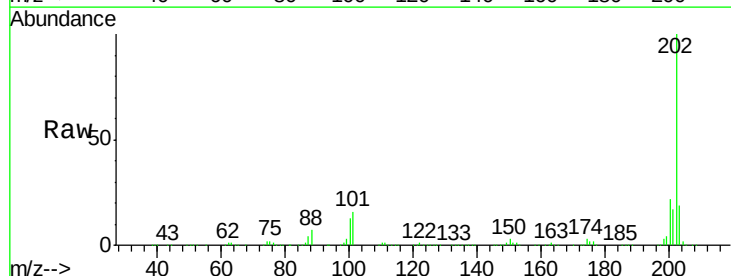
Tgt Ion:202 Resp: 747996

Ion Ratio Lower Upper

202 100

101 15.8 0.0 35.9

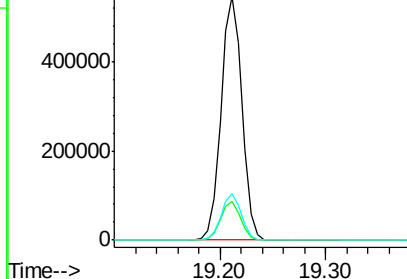
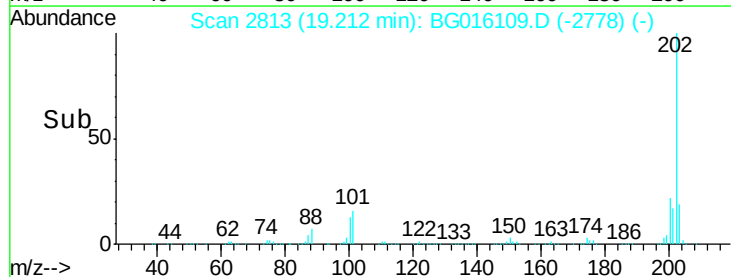
203 18.9 0.0 38.7

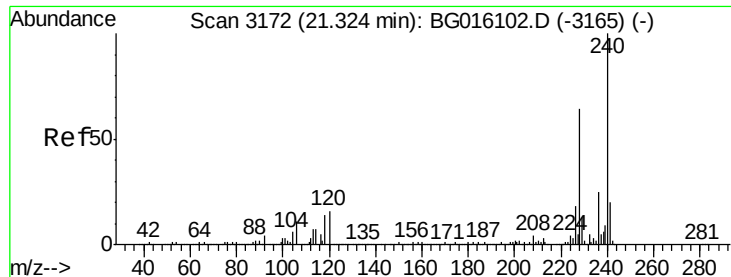


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.33 min Scan# 3173

Delta R.T. 0.00 min

Lab File: BG016109.D

Acq: 25 Mar 2015 19:08

Instrument :

BNA_G

ClientSampleId :

PB82316BSD

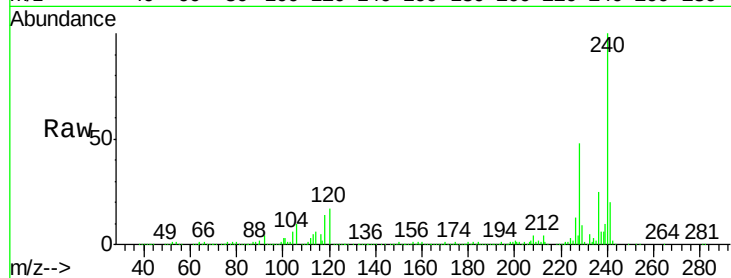
Tgt Ion:240 Resp: 394257

Ion Ratio Lower Upper

240 100

120 16.5 13.0 19.4

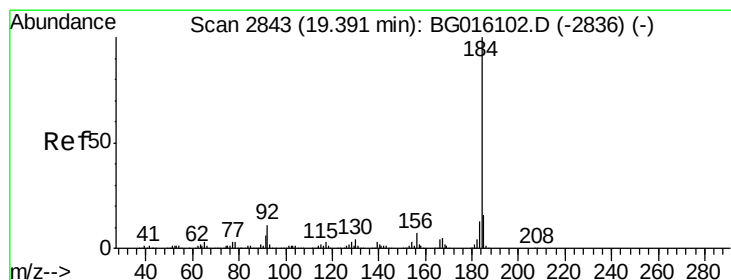
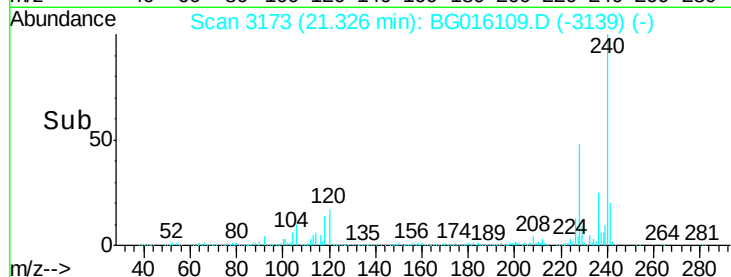
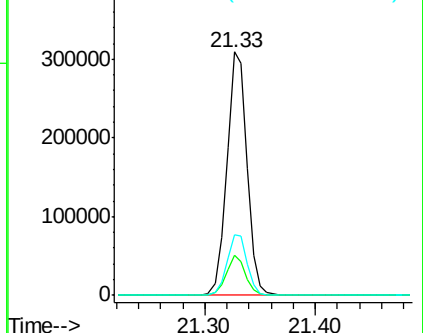
236 25.0 20.2 30.2



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: 26.95 ng

RT: 19.39 min Scan# 2844

Delta R.T. 0.00 min

Lab File: BG016109.D

Acq: 25 Mar 2015 19:08

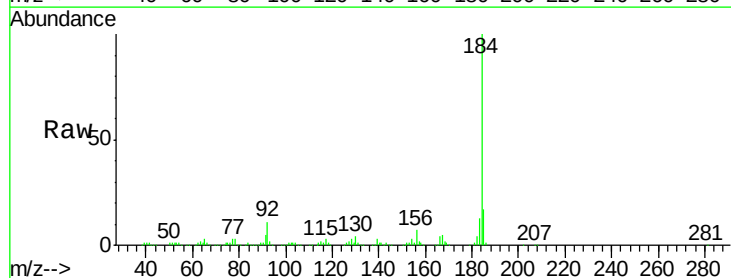
Tgt Ion:184 Resp: 278373

Ion Ratio Lower Upper

184 100

185 16.7 12.6 18.8

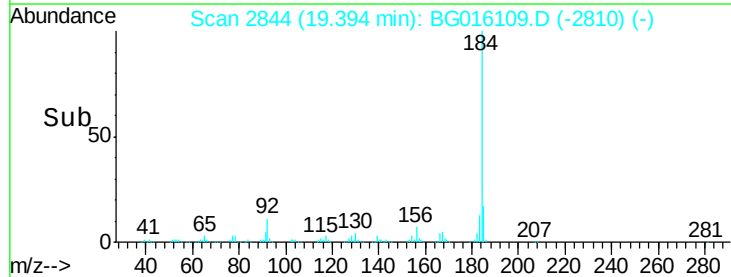
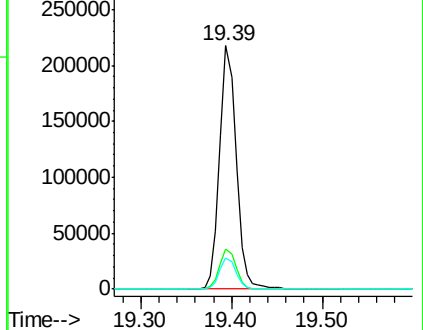
183 12.7 10.2 15.4

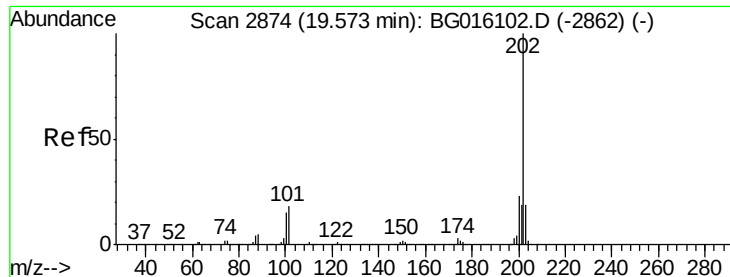


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 32.31 ng

RT: 19.58 min Scan# 2875

Delta R.T. 0.00 min

Lab File: BG016109.D

Acq: 25 Mar 2015 19:08

Instrument :

BNA_G

ClientSampleId :

PB82316BSD

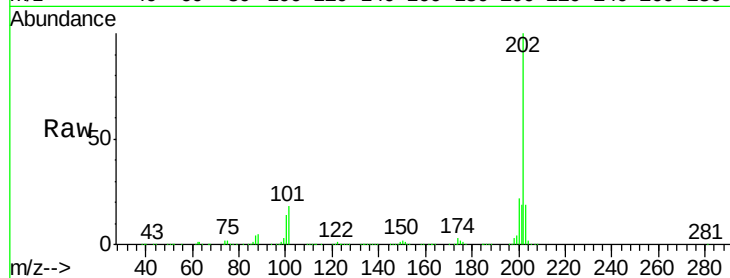
Tgt Ion:202 Resp: 785279

Ion Ratio Lower Upper

202 100

200 22.2 18.4 27.6

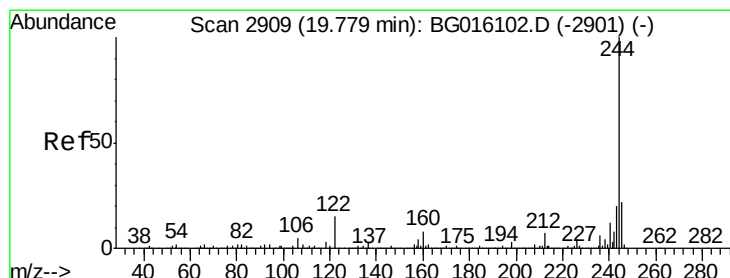
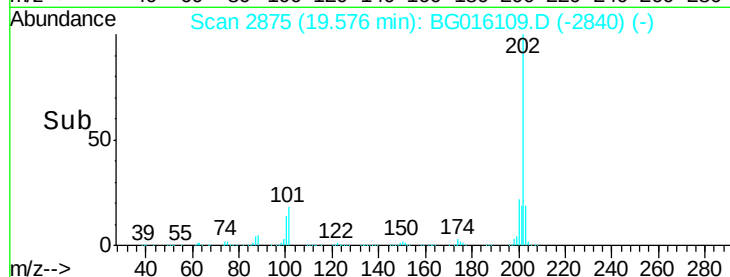
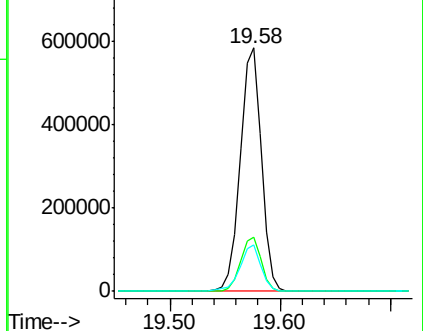
203 19.0 15.4 23.0



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: 64.14 ng

RT: 19.78 min Scan# 2909

Delta R.T. -0.00 min

Lab File: BG016109.D

Acq: 25 Mar 2015 19:08

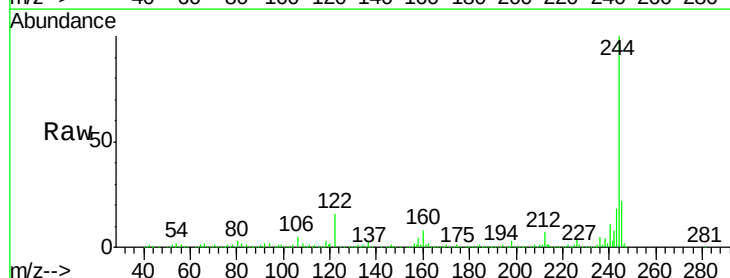
Tgt Ion:244 Resp: 966743

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

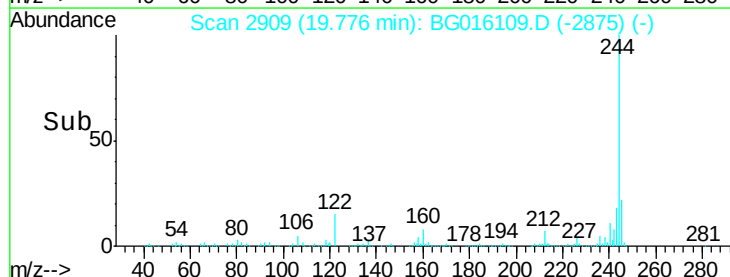
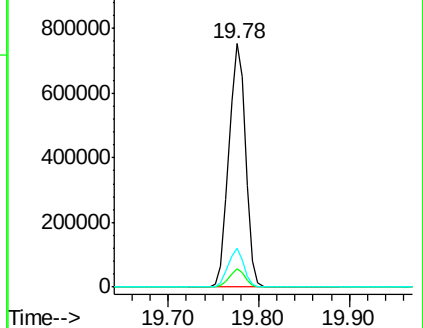
122 15.7 12.2 18.2

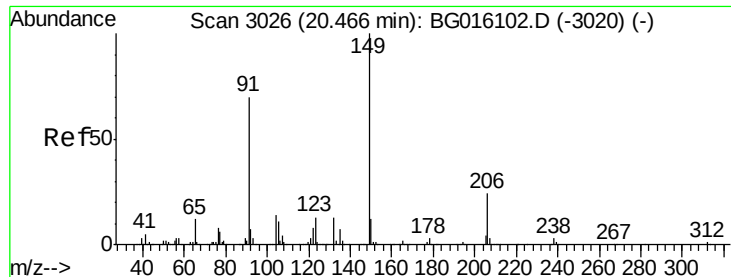


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

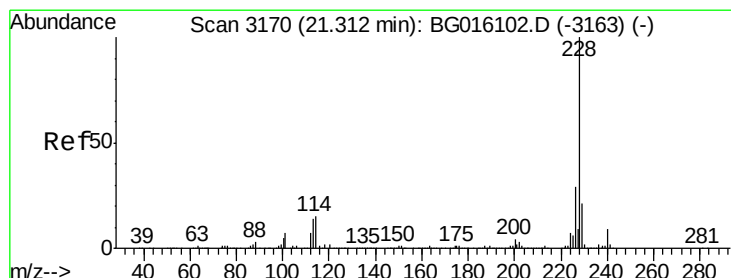
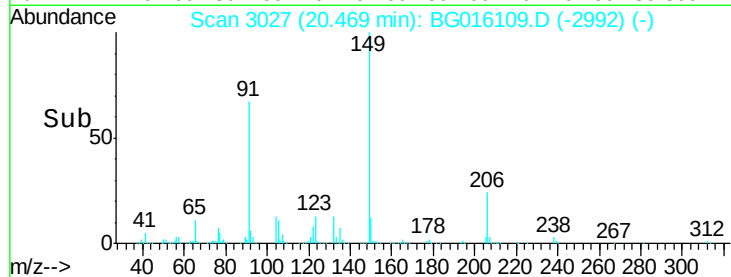
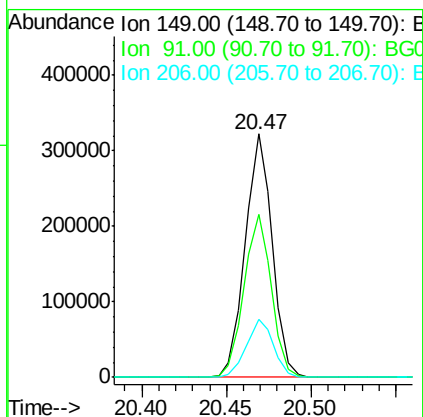
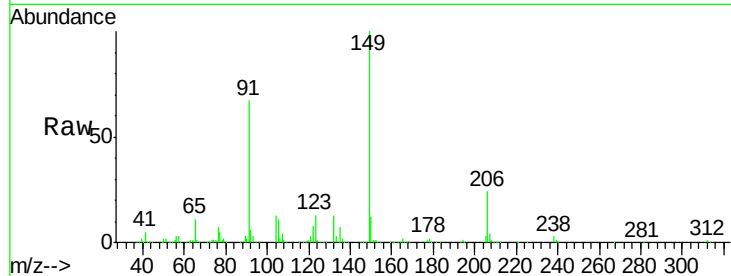




#79
Butylbenzylphthalate
Concen: 35.53 ng
RT: 20.47 min Scan# 3027
Delta R.T. 0.00 min
Lab File: BG016109.D
Acq: 25 Mar 2015 19:08

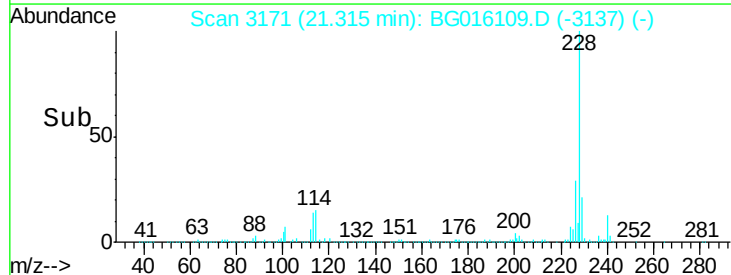
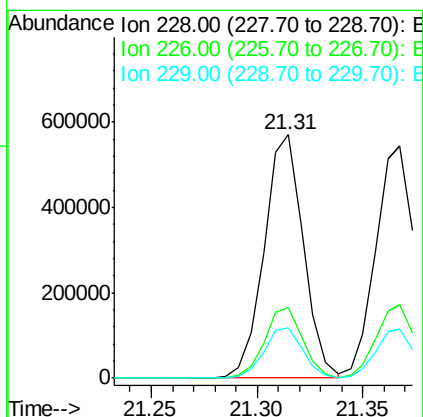
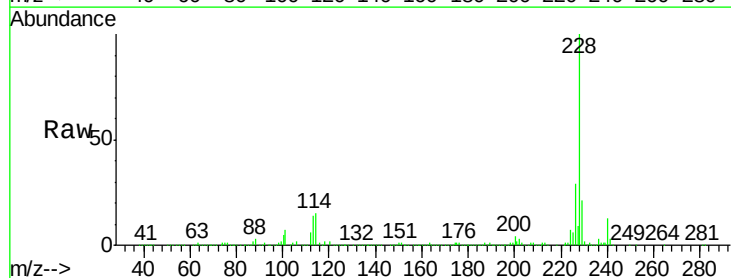
Instrument :
BNA_G
ClientSampleId :
PB82316BSD

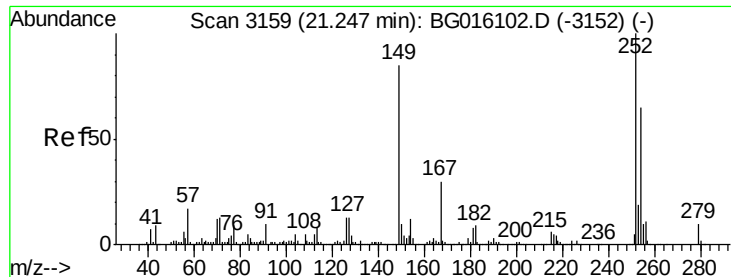
Tgt Ion:149 Resp: 360288
Ion Ratio Lower Upper
149 100
91 67.1 55.8 83.6
206 23.6 19.1 28.7



#80
Benzo(a)anthracene
Concen: 32.90 ng
RT: 21.31 min Scan# 3171
Delta R.T. 0.00 min
Lab File: BG016109.D
Acq: 25 Mar 2015 19:08

Tgt Ion:228 Resp: 735484
Ion Ratio Lower Upper
228 100
226 29.1 23.0 34.4
229 20.7 16.8 25.2

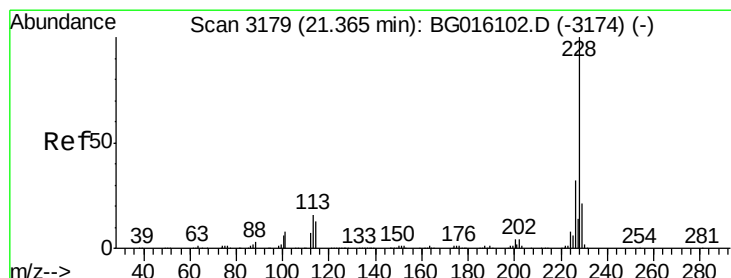
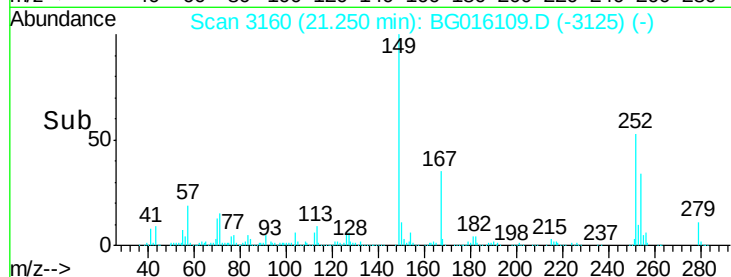
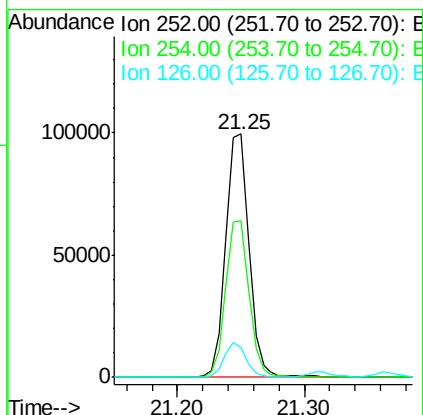
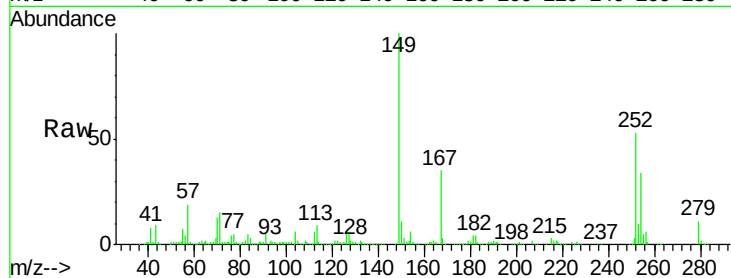




#81
 3,3'-Dichlorobenzidine
 Concen: 16.30 ng
 RT: 21.25 min Scan# 3160
 Delta R.T. 0.00 min
 Lab File: BG016109.D
 Acq: 25 Mar 2015 19:08

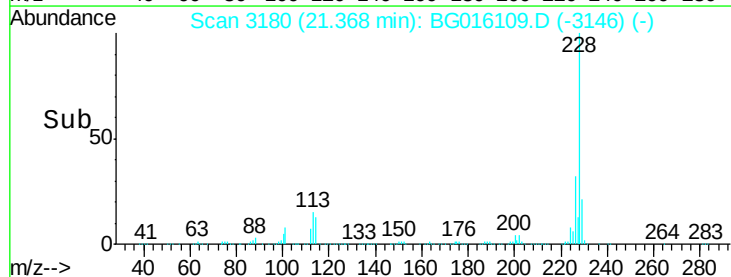
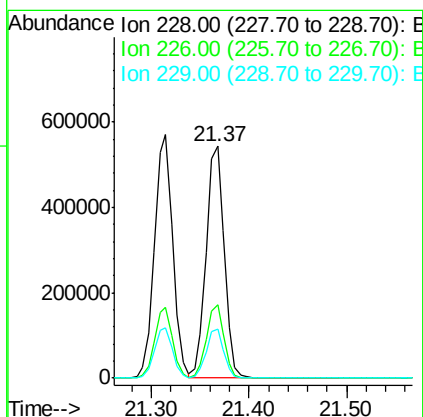
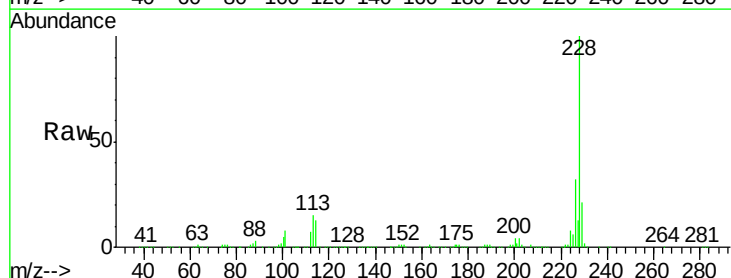
Instrument :
 BNA_G
 ClientSampleId :
 PB82316BSD

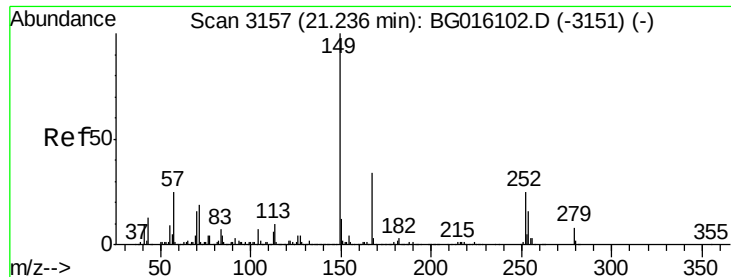
Tgt Ion: 252 Resp: 126701
 Ion Ratio Lower Upper
 252 100
 254 64.3 51.7 77.5
 126 12.1 10.6 16.0



#82
 Chrysene
 Concen: 34.15 ng
 RT: 21.37 min Scan# 3180
 Delta R.T. 0.00 min
 Lab File: BG016109.D
 Acq: 25 Mar 2015 19:08

Tgt Ion: 228 Resp: 699499
 Ion Ratio Lower Upper
 228 100
 226 31.9 25.7 38.5
 229 21.0 17.0 25.6

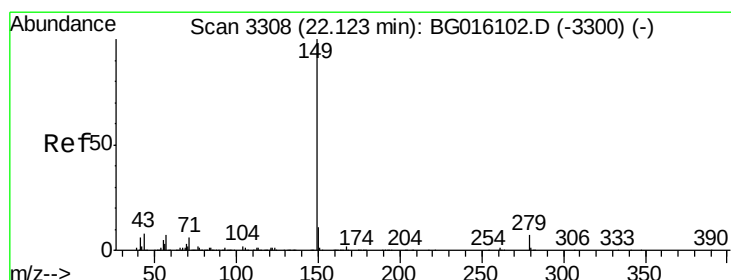
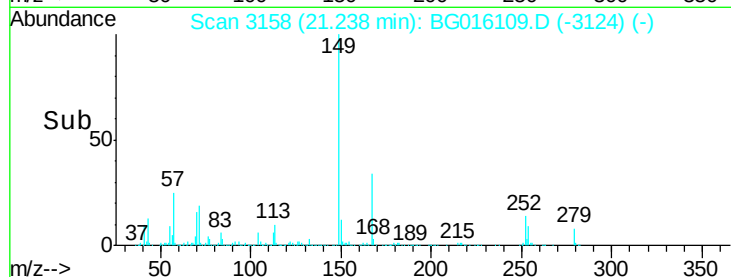
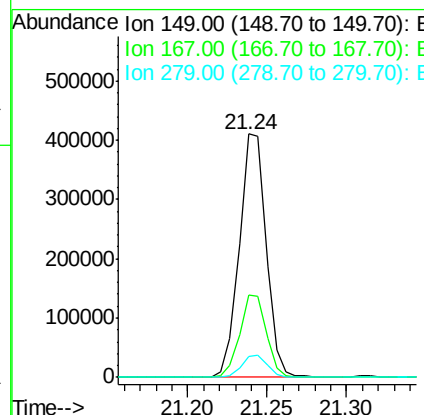
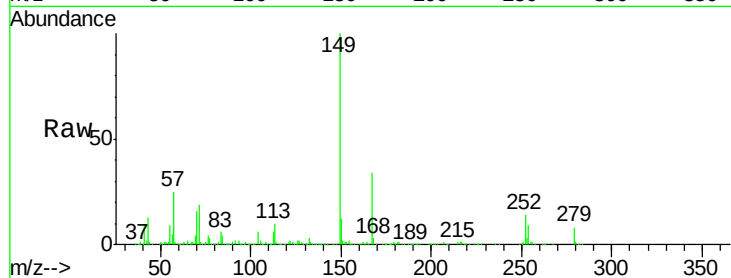




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.66 ng
 RT: 21.24 min Scan# 3158
 Delta R.T. 0.00 min
 Lab File: BG016109.D
 Acq: 25 Mar 2015 19:08

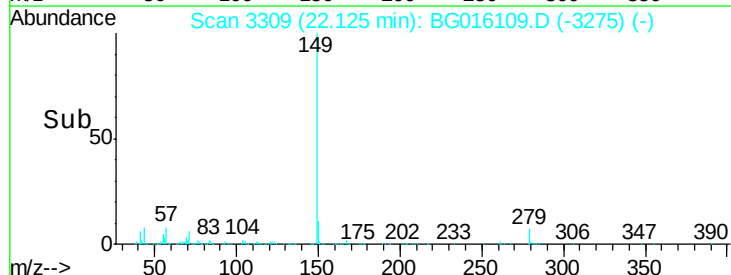
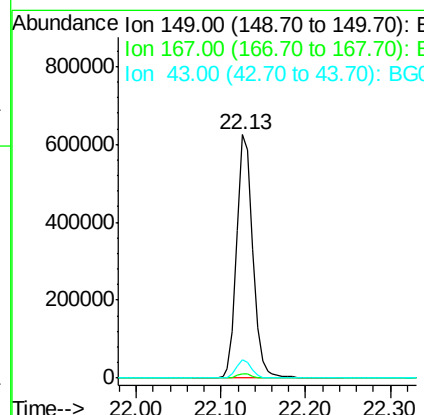
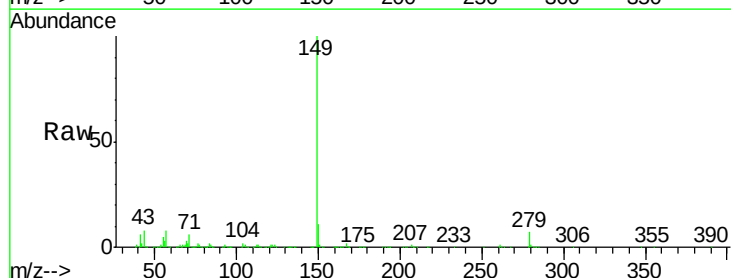
Instrument :
 BNA_G
 ClientSampleId :
 PB82316BSD

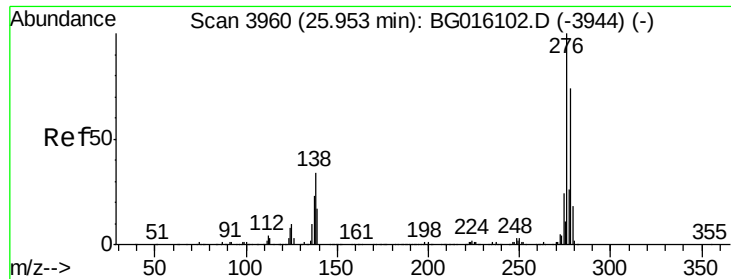
Tgt Ion:149 Resp: 482553
 Ion Ratio Lower Upper
 149 100
 167 33.9 27.1 40.7
 279 8.4 6.4 9.6



#84
 Di-n-octyl phthalate
 Concen: 34.60 ng
 RT: 22.13 min Scan# 3309
 Delta R.T. 0.00 min
 Lab File: BG016109.D
 Acq: 25 Mar 2015 19:08

Tgt Ion:149 Resp: 812373
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.0
 43 7.3 6.1 9.1

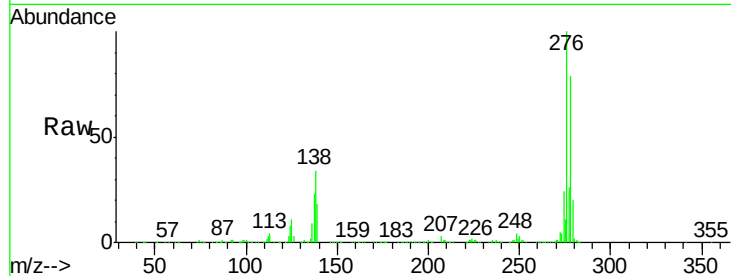




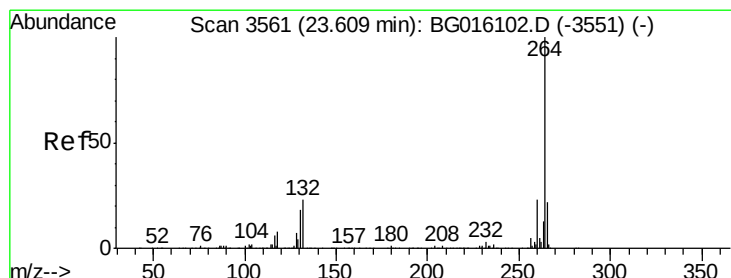
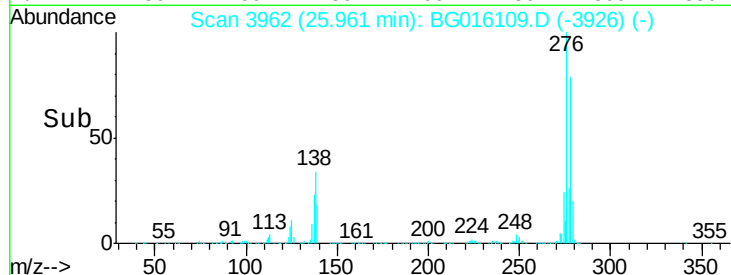
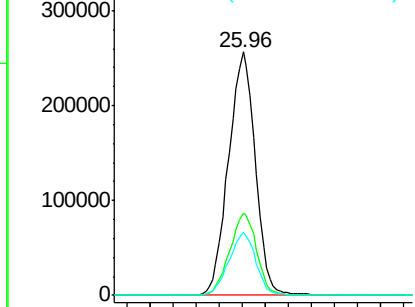
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.40 ng
 RT: 25.96 min Scan# 3962
 Delta R.T. 0.01 min
 Lab File: BG016109.D
 Acq: 25 Mar 2015 19:08

Instrument :
 BNA_G
 ClientSampleId :
 PB82316BSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.7	26.9	40.3
277	25.7	20.7	31.1

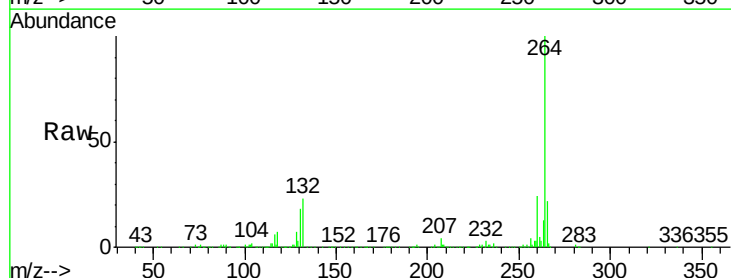


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

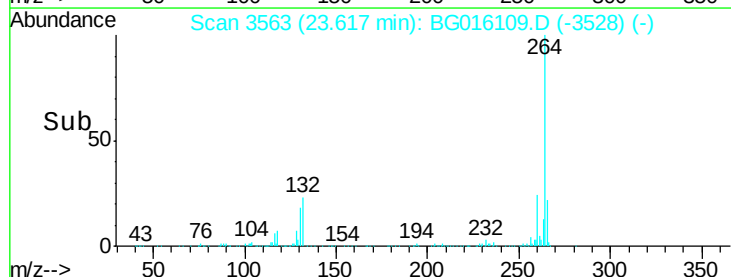
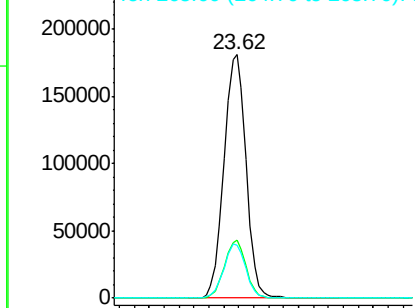


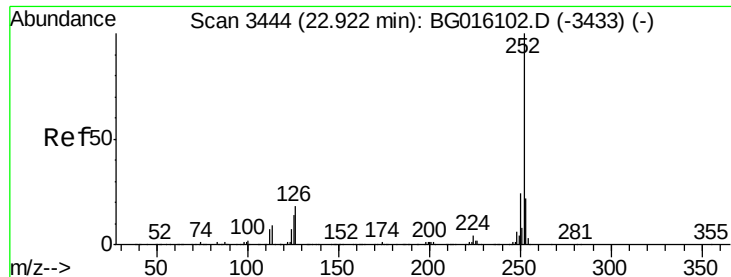
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.62 min Scan# 3563
 Delta R.T. 0.01 min
 Lab File: BG016109.D
 Acq: 25 Mar 2015 19:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.4	27.6
265	22.0	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

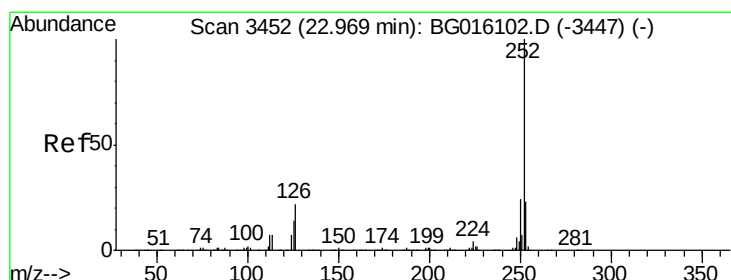
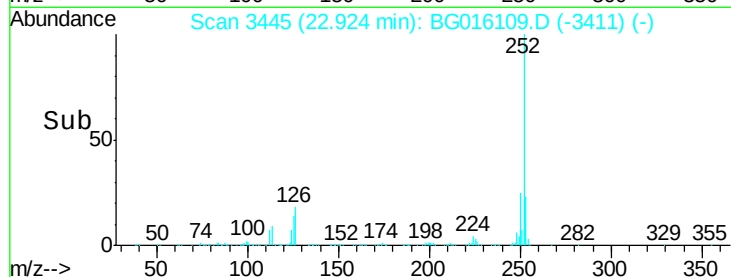
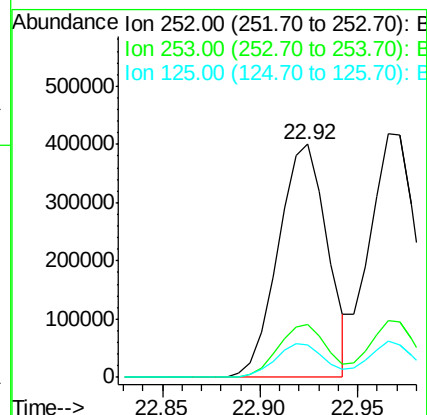
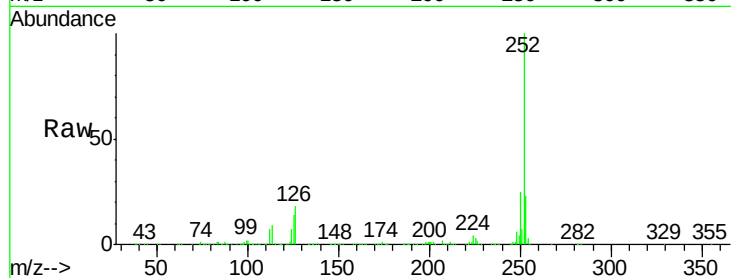




#87
Benzo(b)fluoranthene
Concen: 32.23 ng
RT: 22.92 min Scan# 3445
Delta R.T. 0.00 min
Lab File: BG016109.D
Acq: 25 Mar 2015 19:08

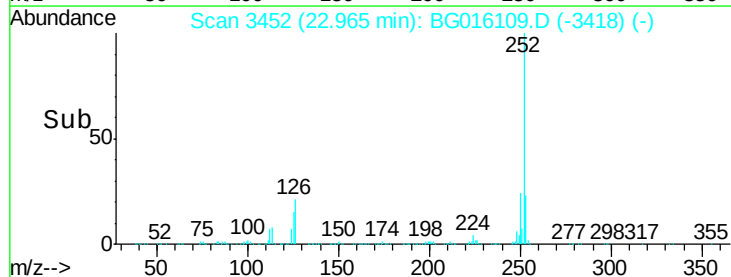
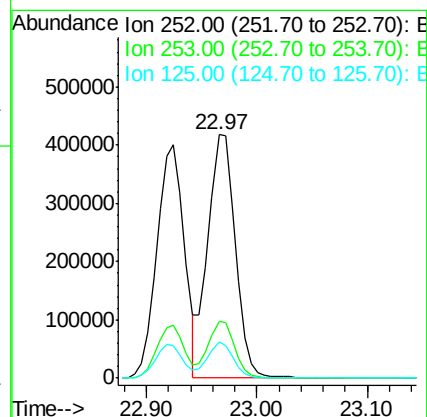
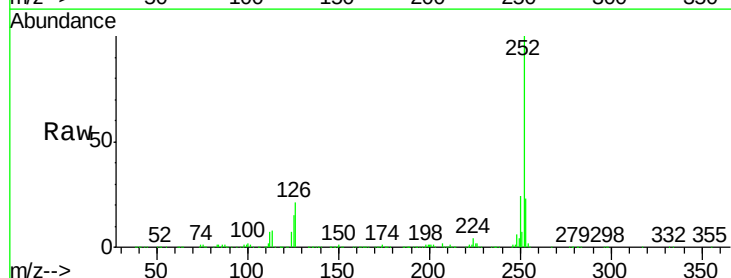
Instrument :
BNA_G
ClientSampleId :
PB82316BSD

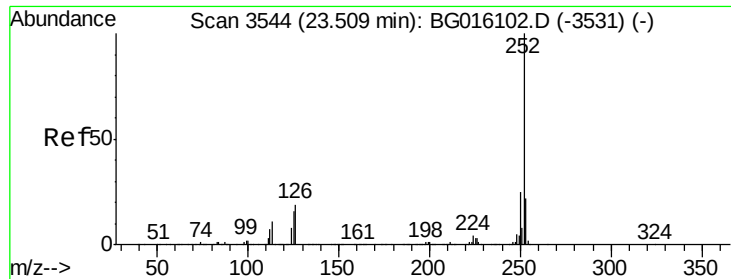
Tgt Ion:252 Resp: 695434
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 13.8 11.1 16.7



#88
Benzo(k)fluoranthene
Concen: 33.97 ng
RT: 22.97 min Scan# 3452
Delta R.T. -0.00 min
Lab File: BG016109.D
Acq: 25 Mar 2015 19:08

Tgt Ion:252 Resp: 713907
Ion Ratio Lower Upper
252 100
253 23.2 18.2 27.4
125 14.8 11.0 16.4





#89

Benzo(a)pyrene

Concen: 34.50 ng

RT: 23.52 min Scan# 3546

Delta R.T. 0.01 min

Lab File: BG016109.D

Acq: 25 Mar 2015 19:08

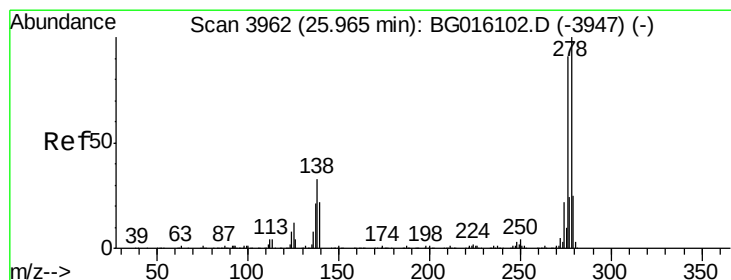
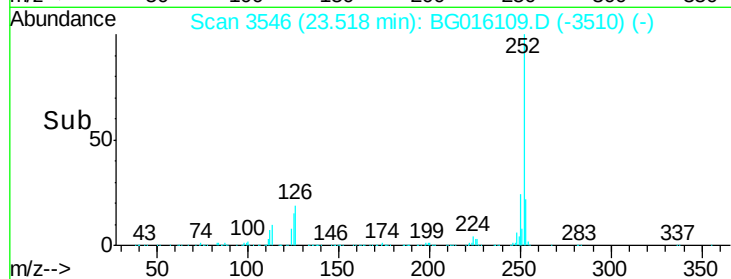
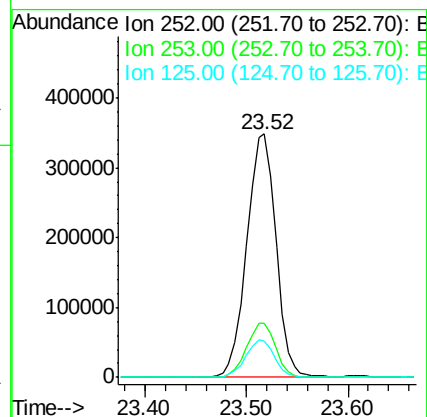
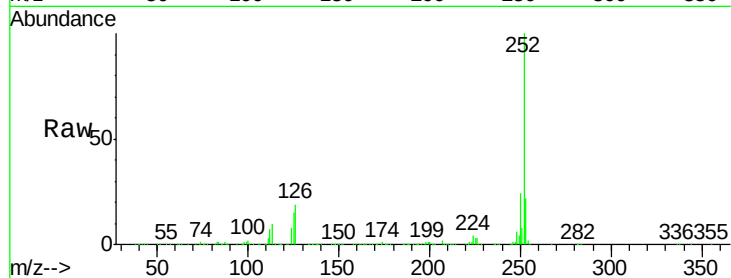
Instrument :

BNA_G

ClientSampleId :

PB82316BSD

Tgt Ion:	252	Resp:	694085
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.9	26.9
125	15.0	12.5	18.7



#90

Dibenzo(a,h)anthracene

Concen: 33.09 ng

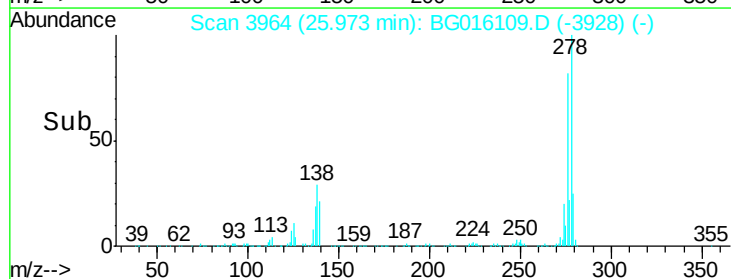
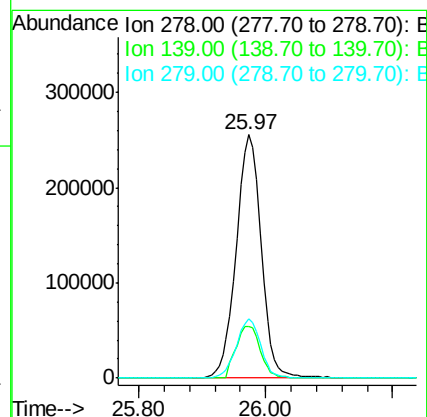
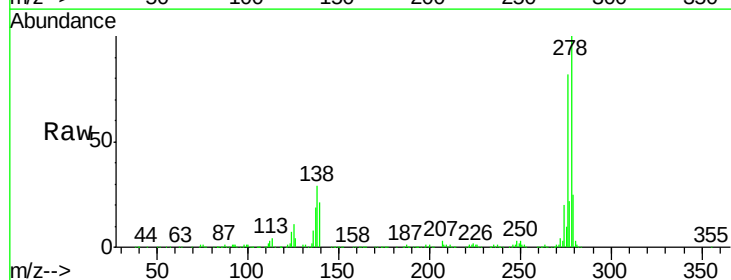
RT: 25.97 min Scan# 3964

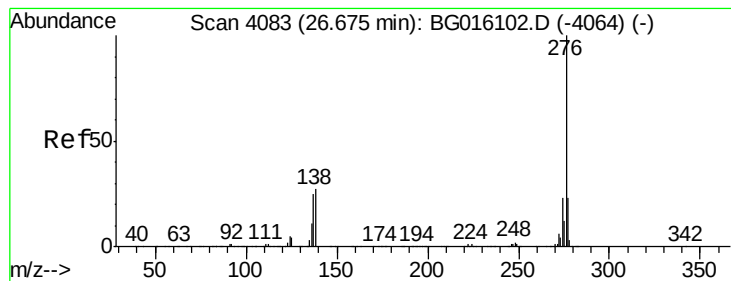
Delta R.T. 0.01 min

Lab File: BG016109.D

Acq: 25 Mar 2015 19:08

Tgt Ion:	278	Resp:	693814
Ion Ratio	Lower	Upper	
278	100		
139	21.4	17.8	26.8
279	24.6	19.9	29.9





#91

Benzo(g,h,i)perylene

Concen: 32.95 ng

RT: 26.68 min Scan# 4085

Delta R.T. 0.01 min

Lab File: BG016109.D

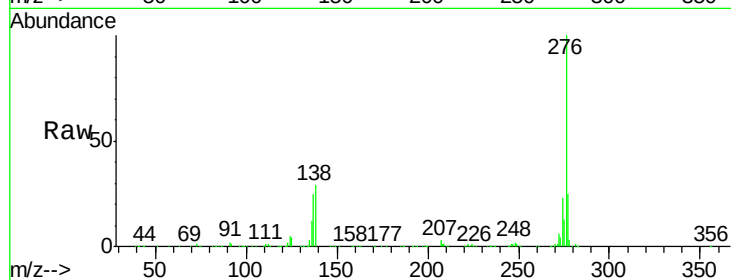
Acq: 25 Mar 2015 19:08

Instrument :

BNA_G

ClientSampleId :

PB82316BSD



Tgt Ion: 276 Resp: 684730

Ion Ratio Lower Upper

276 100

277 24.8 18.7 28.1

138 28.6 22.0 33.0

