

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032515\
 Data File : BG016113.D
 Acq On : 25 Mar 2015 21:26
 Operator : TP/IZ
 Sample : PB82319BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82319BS

Quant Time: Mar 26 01:36:54 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	61547	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	274906	20.00	ng	0.00
38) Acenaphthene-d10	14.42	164	170419	20.00	ng	0.00
63) Phenanthrene-d10	17.16	188	381672	20.00	ng	0.00
75) Chrysene-d12	21.33	240	417571	20.00	ng	0.00
86) Perylene-d12	23.61	264	399748	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	437195	122.37	ng	0.00
7) Phenol-d6	6.96	99	599416	118.86	ng	0.00
23) Nitrobenzene-d5	8.95	82	308333	70.19	ng	0.00
41) 2,4,6-Tribromophenol	15.91	330	226825	114.20	ng	0.00
44) 2-Fluorobiphenyl	13.04	172	752452	76.40	ng	0.00
78) Terphenyl-d14	19.78	244	1204135	76.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	45923	30.39	ng	95
3) Pyridine	3.69	79	133575	28.74	ng	98
4) n-Nitrosodimethylamine	3.61	42	43536	31.87	ng	98
6) Aniline	7.12	93	126460	17.32	ng	100
8) 2-Chlorophenol	7.36	128	161016	36.90	ng	98
9) Benzaldehyde	6.93	77	8418	3.94	ng	98
10) Phenol	6.99	94	212505	37.77	ng	100
11) bis(2-Chloroethyl)ether	7.22	93	151683	33.25	ng	97
12) 1,3-Dichlorobenzene	7.68	146	155728	33.02	ng	99
13) 1,4-Dichlorobenzene	7.83	146	157652	32.23	ng	98
14) 1,2-Dichlorobenzene	8.15	146	153688	33.23	ng	99
15) Benzyl Alcohol	8.03	79	126073	33.32	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.33	45	162172	31.63	ng	99
17) 2-Methylphenol	8.23	107	141532	35.67	ng	99
18) Hexachloroethane	8.87	117	56585	32.27	ng	98
19) n-Nitroso-di-n-propylamine	8.59	70	114505	30.53	ng	99
20) 3+4-Methylphenols	8.56	107	190914	35.48	ng	97
22) Acetophenone	8.61	105	212798	34.41	ng	# 99
24) Nitrobenzene	8.99	77	157591	33.01	ng	96
25) Isophorone	9.51	82	323262	32.13	ng	100
26) 2-Nitrophenol	9.70	139	89245	34.51	ng	99
27) 2,4-Dimethylphenol	9.75	122	163149	37.62	ng	100
28) bis(2-Chloroethoxy)methane	10.00	93	200092	34.64	ng	99
29) 2,4-Dichlorophenol	10.22	162	147431	38.67	ng	99
30) 1,2,4-Trichlorobenzene	10.44	180	134082	32.66	ng	99
31) Naphthalene	10.63	128	480717	32.63	ng	100
32) Benzoic acid	9.88	122	90340	32.60	ng	96
33) 4-Chloroaniline	10.74	127	43791	6.79	ng	97
34) Hexachlorobutadiene	10.91	225	71867	32.18	ng	98
35) Caprolactam	11.50	113	36491	17.63	ng	93
36) 4-Chloro-3-methylphenol	11.86	107	163419	36.34	ng	100
37) 2-Methylnaphthalene	12.24	142	358114	34.05	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.61	216	148569	34.61	ng	99
40) Hexachlorocyclopentadiene	12.59	237	186713	74.40	ng	97

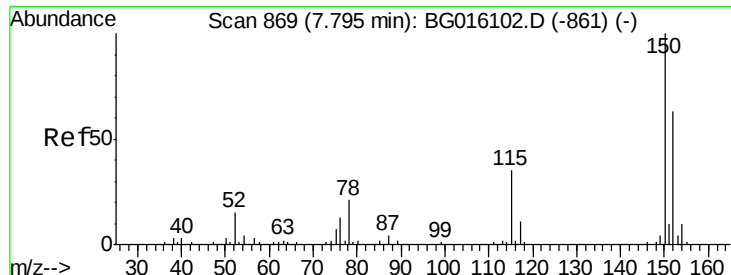
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032515\
 Data File : BG016113.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.84	196	108481	35.38	ng	98
43) 2,4,5-Trichlorophenol	12.92	196	118172	35.34	ng	98
45) 1,1'-Biphenyl	13.25	154	437300	34.99	ng	99
46) 2-Chloronaphthalene	13.29	162	331409	34.00	ng	98
47) 2-Nitroaniline	13.50	65	99315	35.47	ng	99
48) Acenaphthylene	14.14	152	589808	33.11	ng	100
49) Dimethylphthalate	13.88	163	425471	35.60	ng	99
50) 2,6-Dinitrotoluene	14.00	165	103749	36.61	ng	97
51) Acenaphthene	14.48	154	354846	33.03	ng	99
52) 3-Nitroaniline	14.32	138	51130	14.73	ng	95
53) 2,4-Dinitrophenol	14.53	184	120654	70.53	ng	97
54) Dibenzofuran	14.82	168	528168	35.18	ng	100
55) 4-Nitrophenol	14.63	139	217775	77.46	ng	100
56) 2,4-Dinitrotoluene	14.78	165	147050	37.87	ng	97
57) Fluorene	15.46	166	463385	34.59	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.04	232	111493	37.41	ng	99
59) Diethylphthalate	15.24	149	446625	36.35	ng	99
60) 4-Chlorophenyl-phenylether	15.46	204	209881	35.62	ng	99
61) 4-Nitroaniline	15.48	138	134018	34.13	ng	97
62) Azobenzene	15.75	77	438278	34.63	ng	99
64) 4,6-Dinitro-2-methylphenol	15.54	198	86394	33.18	ng	96
65) n-Nitrosodiphenylamine	15.67	169	410603	33.74	ng	100
66) 4-Bromophenyl-phenylether	16.35	248	133659	34.13	ng	94
67) Hexachlorobenzene	16.46	284	146726	33.34	ng	96
68) Atrazine	16.62	200	142610	39.38	ng	100
69) Pentachlorophenol	16.80	266	192720	76.78	ng	98
70) Phenanthrene	17.20	178	724547	33.83	ng	100
71) Anthracene	17.29	178	731380	34.34	ng	99
72) Carbazole	17.56	167	737703	35.29	ng	100
73) Di-n-butylphthalate	18.12	149	857954	36.30	ng	99
74) Fluoranthene	19.21	202	848298	35.56	ng	99
76) Benzidine	19.39	184	198097	18.11	ng	99
77) Pyrene	19.57	202	883614	34.32	ng	100
79) Butylbenzylphthalate	20.47	149	392528	36.55	ng	96
80) Benzo(a)anthracene	21.31	228	806569	34.06	ng	99
81) 3,3'-Dichlorobenzidine	21.25	252	124635	15.14	ng	100
82) Chrysene	21.36	228	751151	34.62	ng	99
83) Bis(2-ethylhexyl)phthalate	21.24	149	519875	35.25	ng	98
84) Di-n-octyl phthalate	22.12	149	878317	35.32	ng	99
85) Indeno(1,2,3-cd)pyrene	25.95	276	908877	32.58	ng	100
87) Benzo(b)fluoranthene	22.92	252	767385	33.17	ng	100
88) Benzo(k)fluoranthene	22.96	252	776513	34.46	ng	98
89) Benzo(a)pyrene	23.51	252	759346	35.20	ng	99
90) Dibenzo(a,h)anthracene	25.96	278	761371	33.87	ng	99
91) Benzo(g,h,i)perylene	26.67	276	752316	33.77	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 869

Delta R.T. -0.00 min

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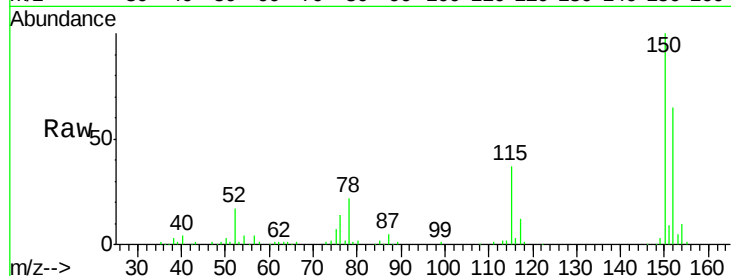
Tgt Ion:152 Resp: 61547

Ion Ratio Lower Upper

152 100

150 155.0 126.1 189.1

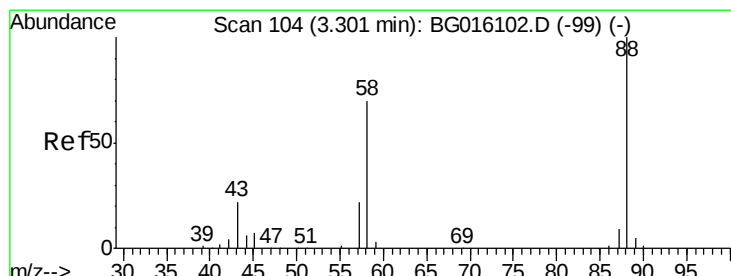
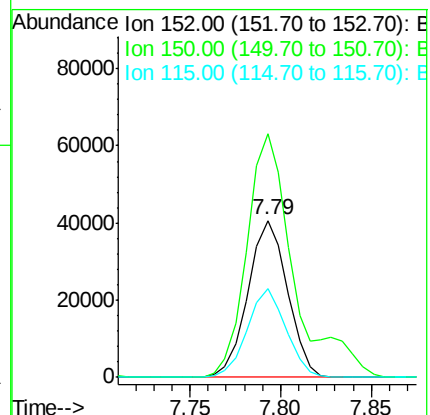
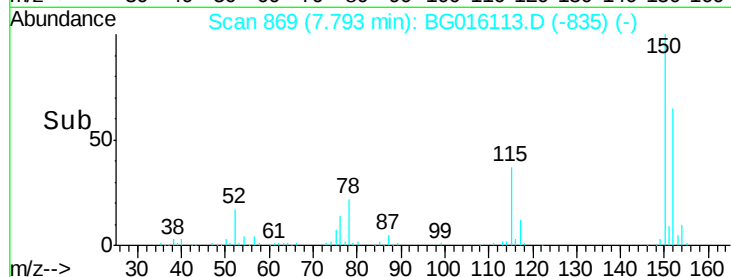
115 56.6 43.7 65.5



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: 30.39 ng

RT: 3.30 min Scan# 104

Delta R.T. -0.00 min

Lab File: BG016113.D

Acq: 25 Mar 2015 21:26

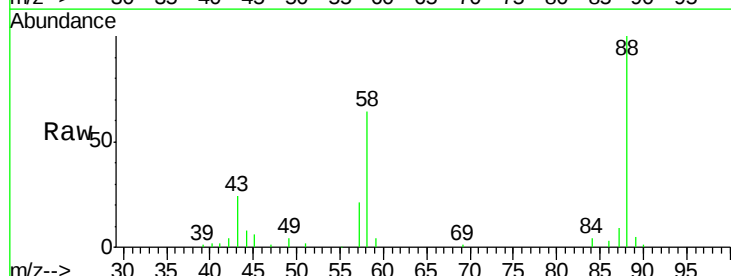
Tgt Ion: 88 Resp: 45923

Ion Ratio Lower Upper

88 100

58 62.7 54.2 81.4

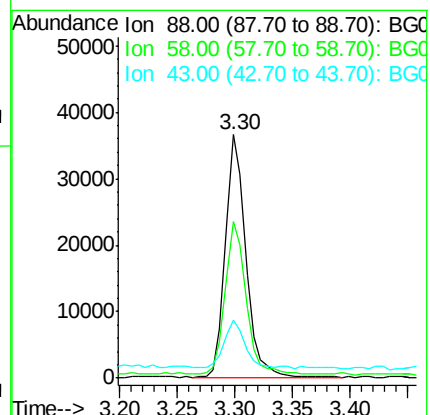
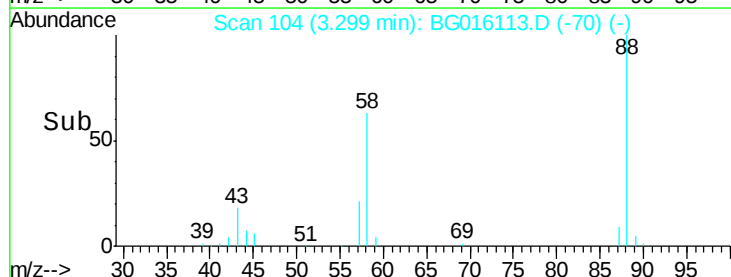
43 20.8 17.4 26.2

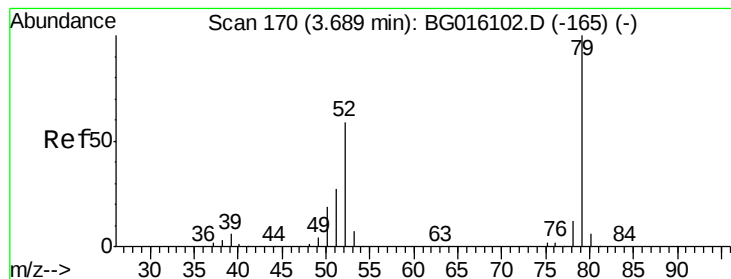


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 28.74 ng

RT: 3.69 min Scan# 170

Delta R.T. -0.00 min

Lab File: BG016113.D

Acq: 25 Mar 2015 21:26

Instrument :

BNA_G

ClientSampleId :

PB82319BS

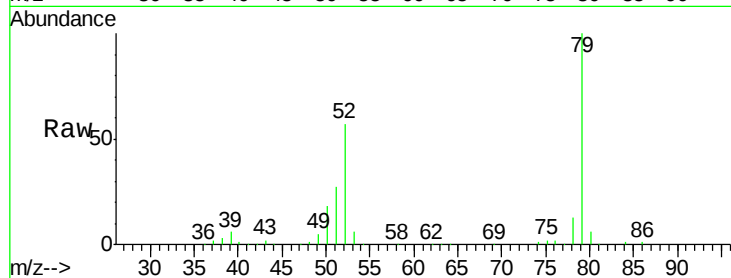
Tgt Ion: 79 Resp: 133575

Ion Ratio Lower Upper

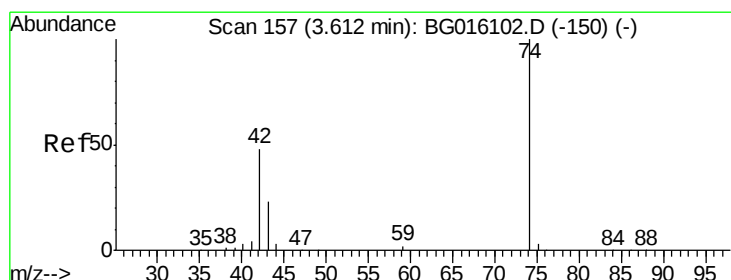
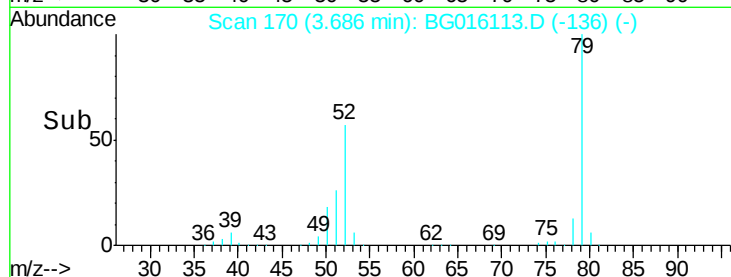
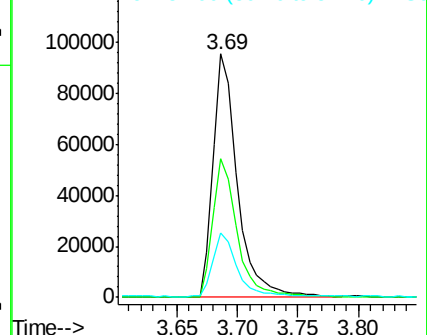
79 100

52 57.2 47.0 70.4

51 26.5 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: 31.87 ng

RT: 3.61 min Scan# 157

Delta R.T. -0.00 min

Lab File: BG016113.D

Acq: 25 Mar 2015 21:26

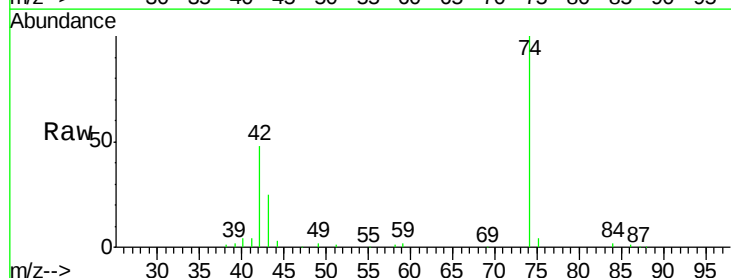
Tgt Ion: 42 Resp: 43536

Ion Ratio Lower Upper

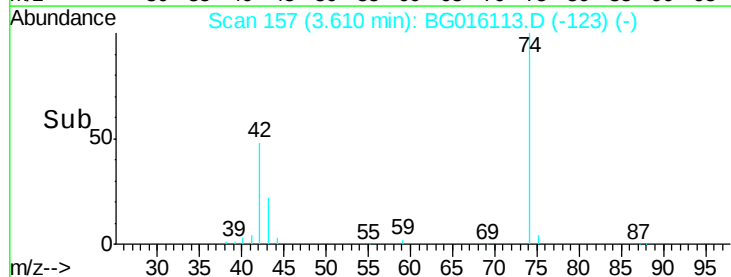
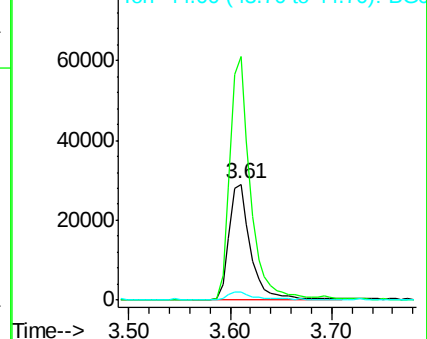
42 100

74 210.3 165.3 247.9

44 7.1 5.3 7.9



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





#5

2-Fluorophenol

Concen: 122.37 ng

RT: 5.38 min Scan# 458

Delta R.T. 0.00 min

Lab File: BG016113.D

Acq: 25 Mar 2015 21:26

Instrument :

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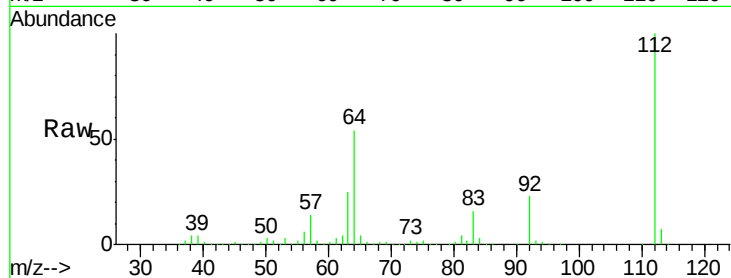
Tgt Ion: 112 Resp: 437195

Ion Ratio Lower Upper

112 100

64 53.9 42.6 64.0

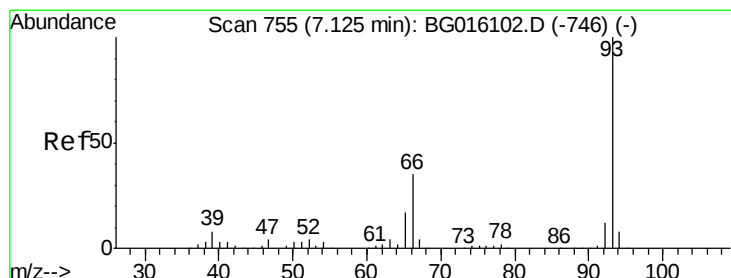
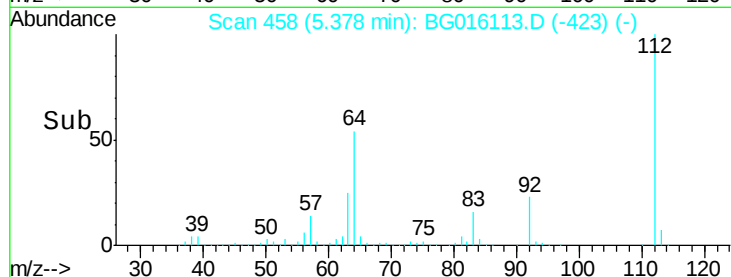
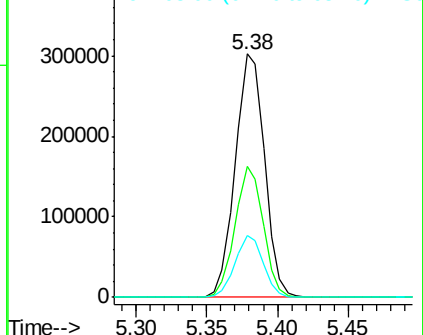
63 25.2 19.9 29.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 17.32 ng

RT: 7.12 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG016113.D

Acq: 25 Mar 2015 21:26

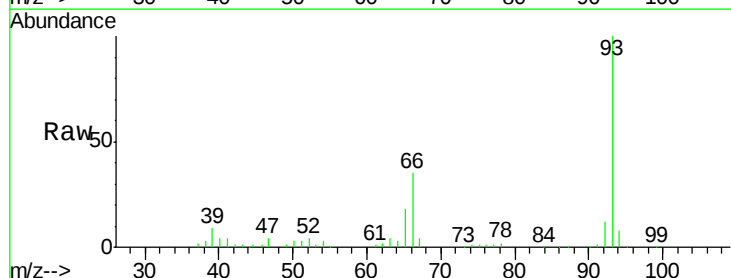
Tgt Ion: 93 Resp: 126460

Ion Ratio Lower Upper

93 100

66 34.8 27.8 41.6

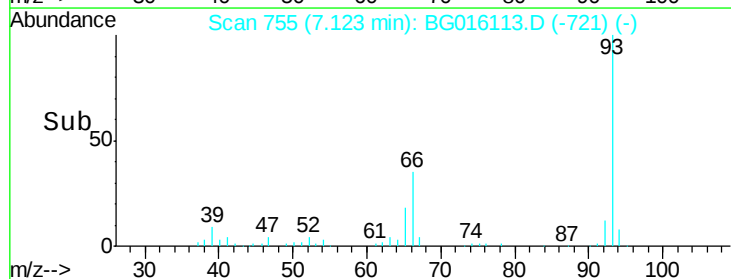
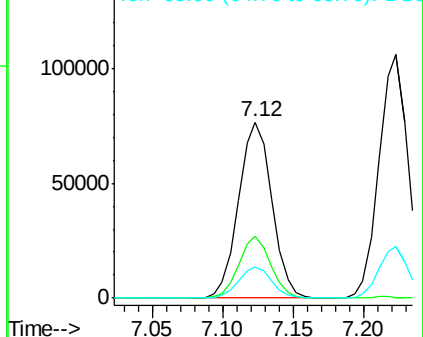
65 17.6 13.9 20.9

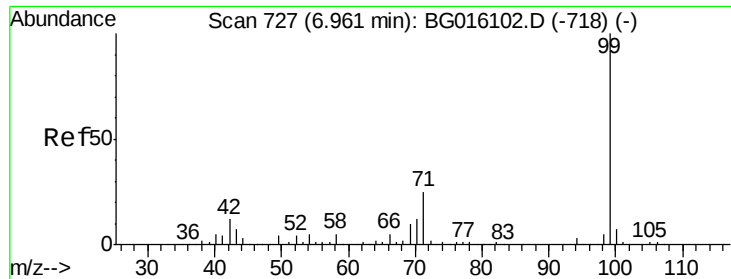


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 118.86 ng

RT: 6.96 min Scan# 728

Delta R.T. 0.00 min

Lab File: BG016113.D

Acq: 25 Mar 2015 21:26

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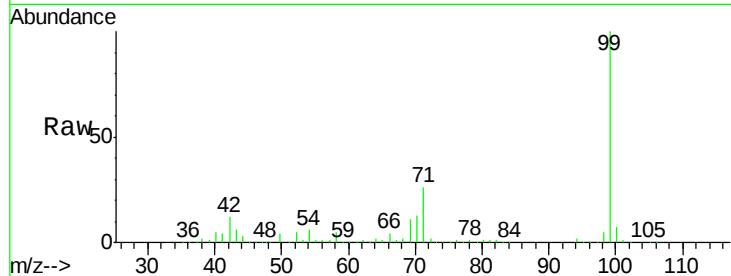
Tgt Ion: 99 Resp: 599416

Ion Ratio Lower Upper

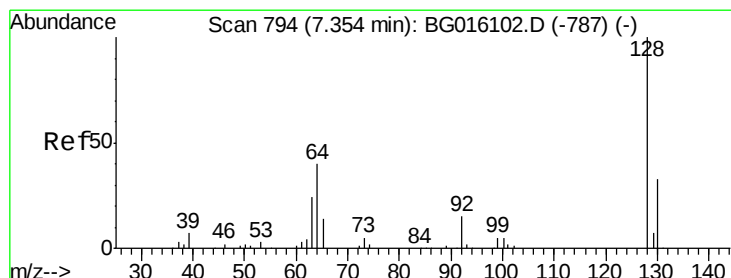
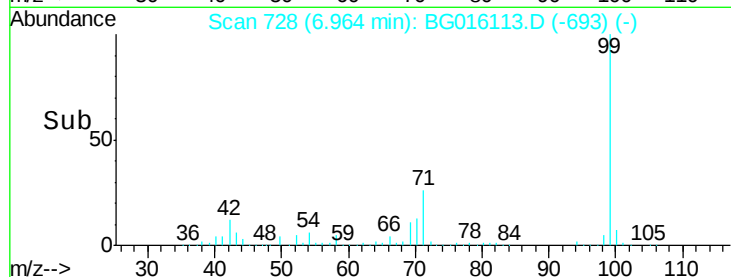
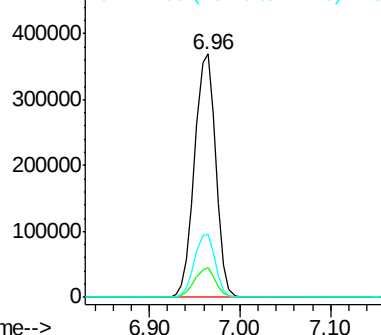
99 100

42 12.2 9.4 14.0

71 25.9 19.9 29.9



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



#8

2-Chlorophenol

Concen: 36.90 ng

RT: 7.36 min Scan# 795

Delta R.T. 0.00 min

Lab File: BG016113.D

Acq: 25 Mar 2015 21:26

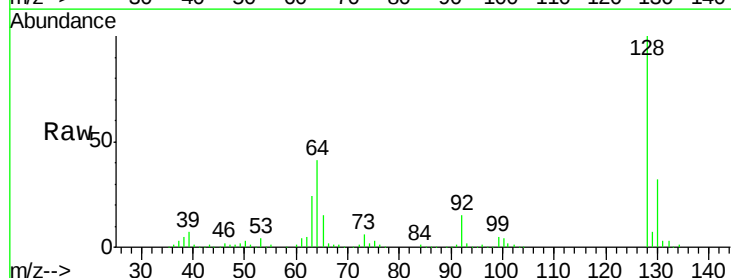
Tgt Ion: 128 Resp: 161016

Ion Ratio Lower Upper

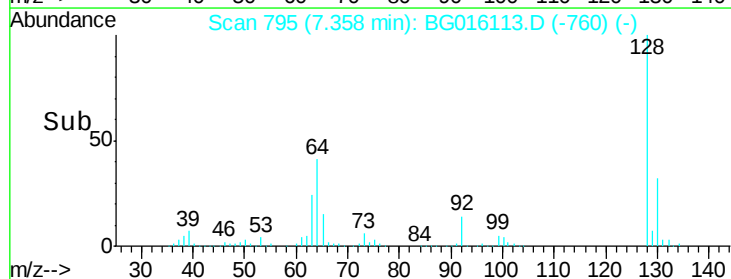
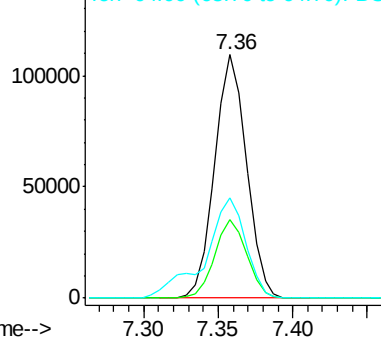
128 100

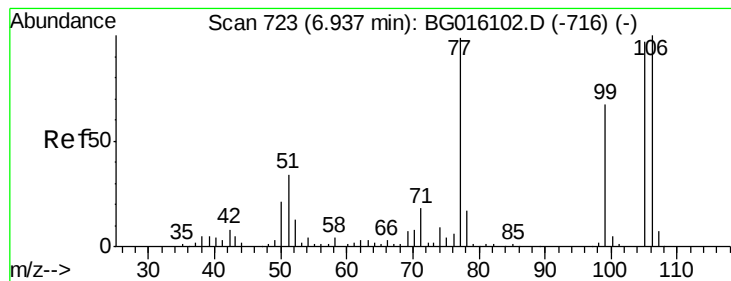
130 32.3 12.5 52.5

64 41.4 23.4 63.4



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





#9

Benzaldehyde

Concen: 3.94 ng

RT: 6.93 min Scan# 723

Delta R.T. -0.00 min

Lab File: BG016113.D

Acq: 25 Mar 2015 21:26

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PB82319BS

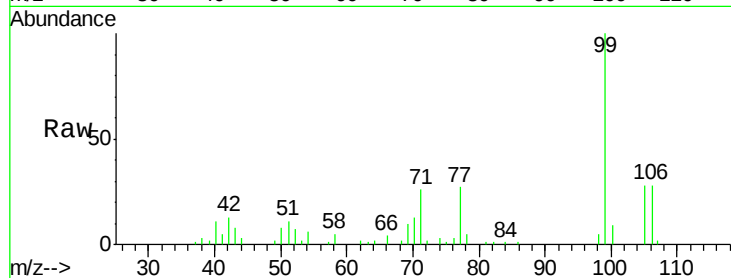
Tgt Ion: 77 Resp: 8418

Ion Ratio Lower Upper

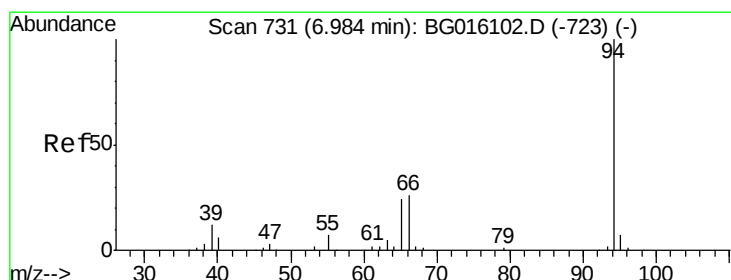
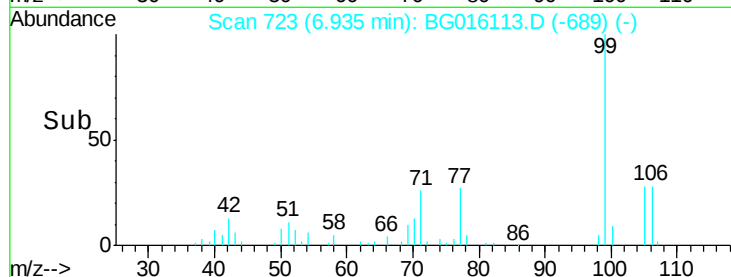
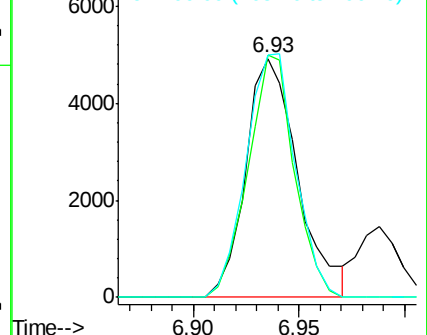
77 100

105 101.8 78.1 118.1

106 101.5 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: 37.77 ng

RT: 6.99 min Scan# 732

Delta R.T. 0.00 min

Lab File: BG016113.D

Acq: 25 Mar 2015 21:26

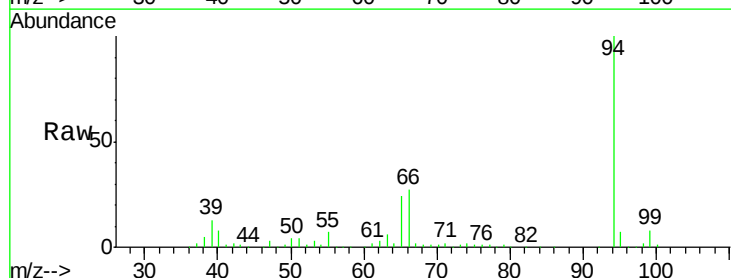
Tgt Ion: 94 Resp: 212505

Ion Ratio Lower Upper

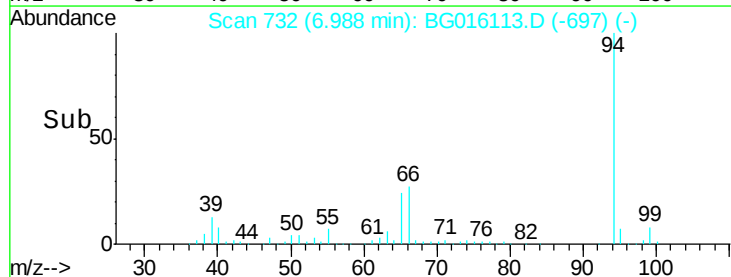
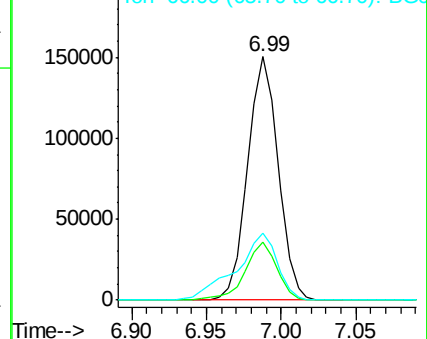
94 100

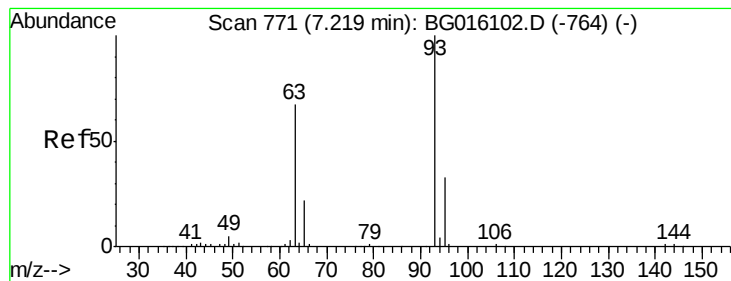
65 23.9 4.0 44.0

66 27.5 7.4 47.4



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 33.25 ng

RT: 7.22 min Scan# 772

Delta R.T. 0.00 min

Lab File: BG016113.D

Acq: 25 Mar 2015 21:26

Instrument :

BNA_G

ClientSampleId :

PB82319BS

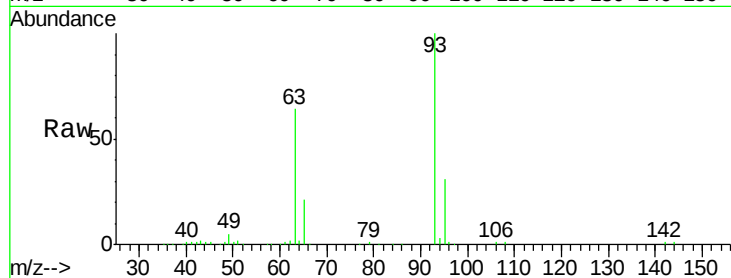
Tgt Ion: 93 Resp: 151683

Ion Ratio Lower Upper

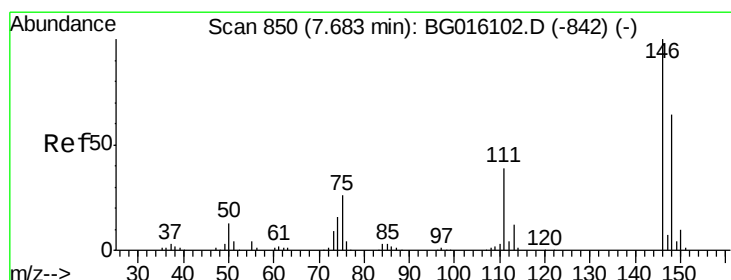
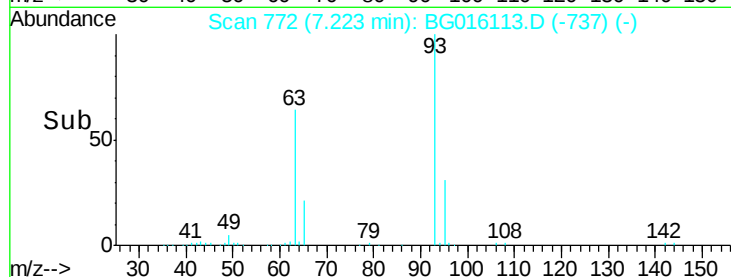
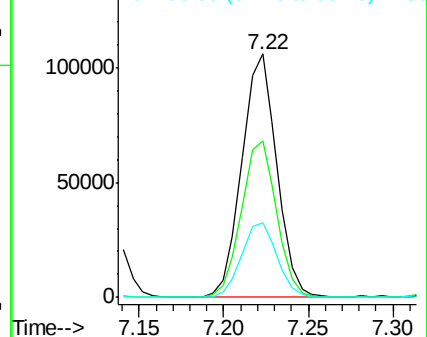
93 100

63 64.2 46.5 86.5

95 30.8 12.5 52.5



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



#12

1,3-Dichlorobenzene

Concen: 33.02 ng

RT: 7.68 min Scan# 850

Delta R.T. -0.00 min

Lab File: BG016113.D

Acq: 25 Mar 2015 21:26

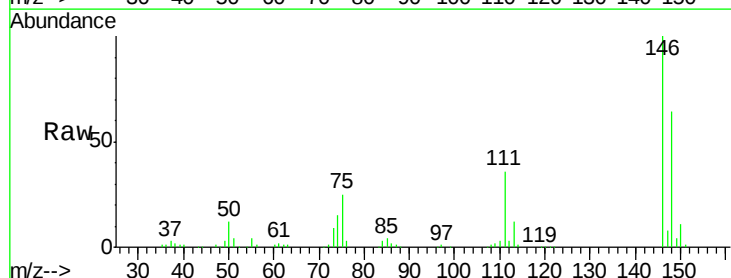
Tgt Ion: 146 Resp: 155728

Ion Ratio Lower Upper

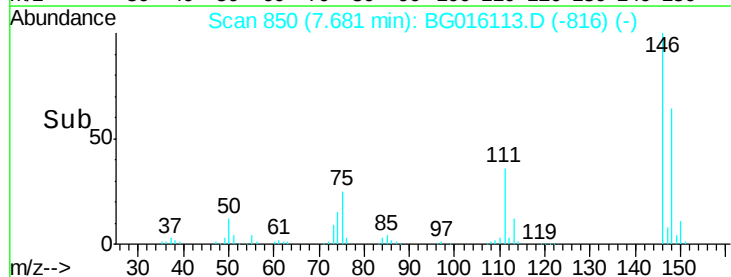
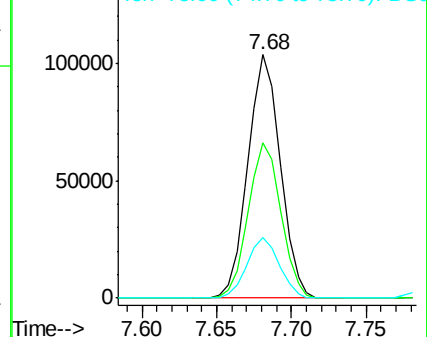
146 100

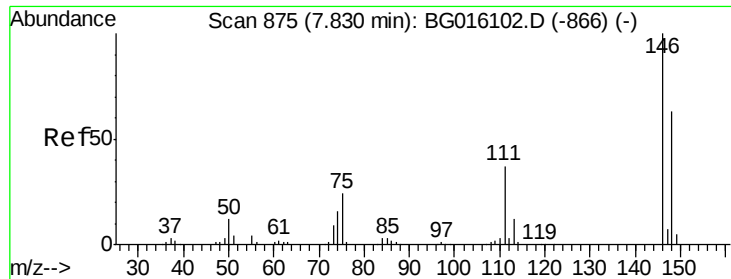
148 63.8 51.2 76.8

75 24.8 20.5 30.7



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

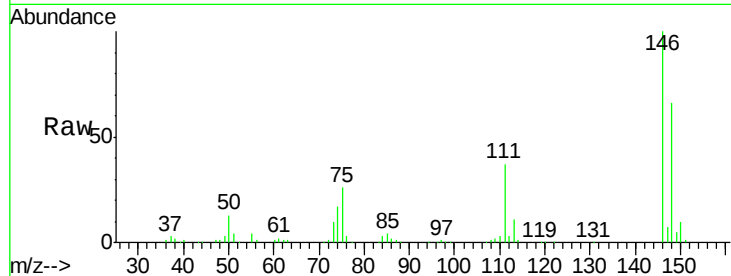




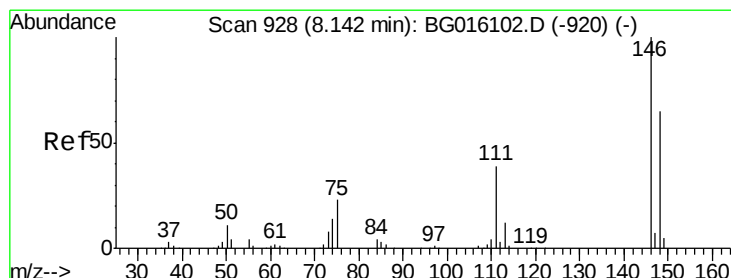
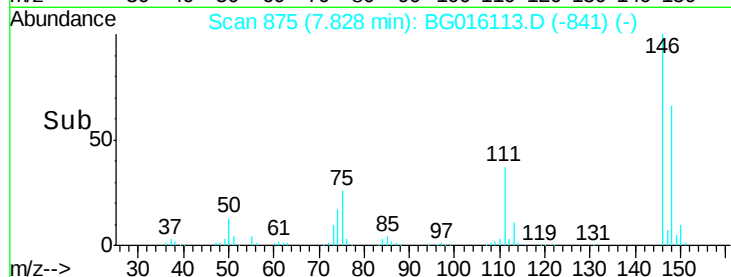
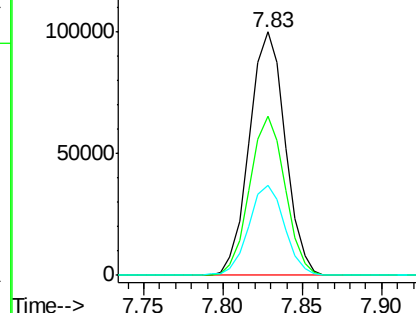
#13
 1,4-Dichlorobenzene
 Concen: 32.23 ng
 RT: 7.83 min Scan# 875
 Delta R.T. -0.00 min
 Lab File: BG016113.D
 Acq: 25 Mar 2015 21:26

Instrument :
 BNA_G
 ClientSampleId :
 PB82319BS

Tgt Ion:146 Resp: 157652
 Ion Ratio Lower Upper
 146 100
 148 65.6 50.3 75.5
 111 36.8 29.5 44.3

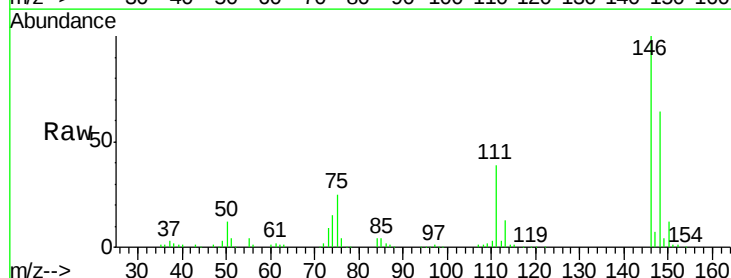


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

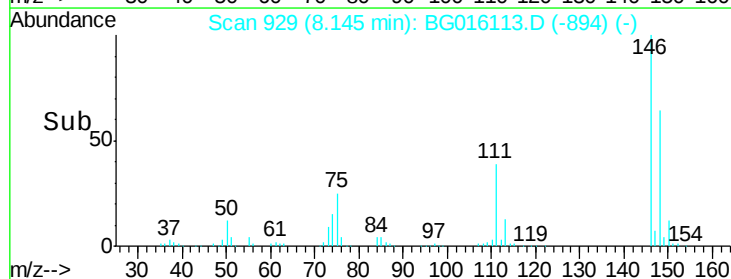
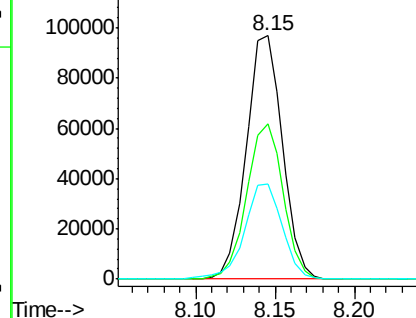


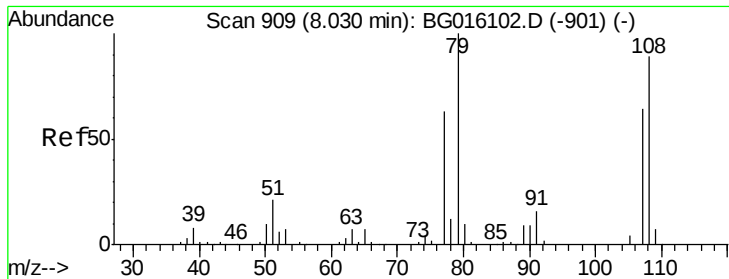
#14
 1,2-Dichlorobenzene
 Concen: 33.23 ng
 RT: 8.15 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: BG016113.D
 Acq: 25 Mar 2015 21:26

Tgt Ion:146 Resp: 153688
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.8 77.8
 111 39.1 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

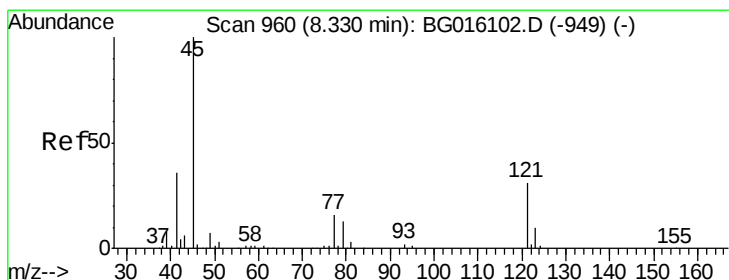
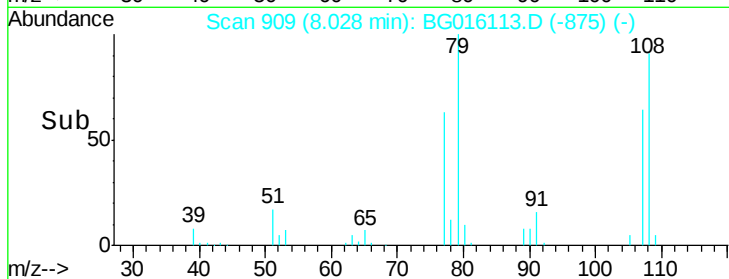
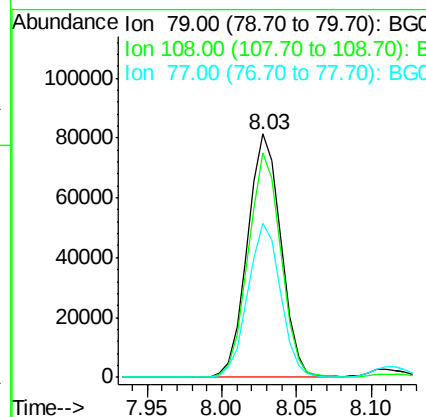
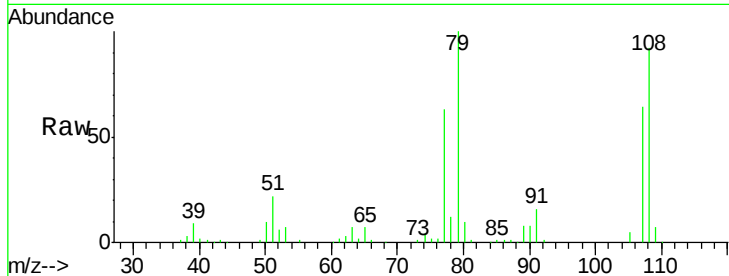




#15
Benzyl Alcohol
Concen: 33.32 ng
RT: 8.03 min Scan# 909
Delta R.T. -0.00 min
Lab File: BG016113.D
Acq: 25 Mar 2015 21:26

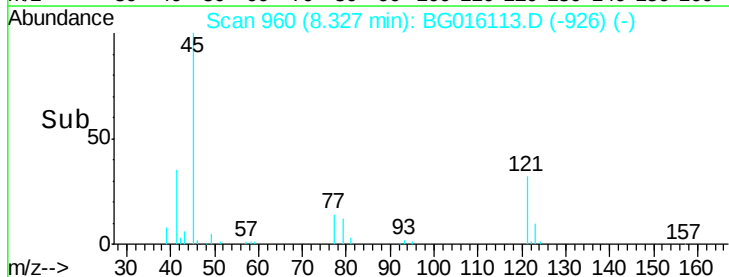
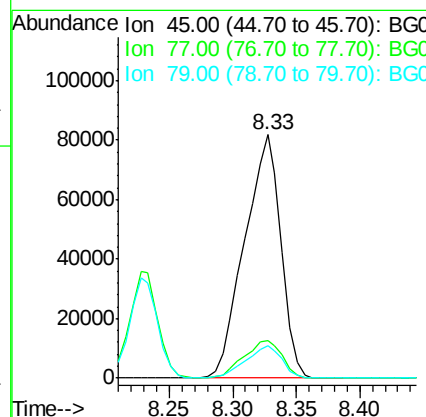
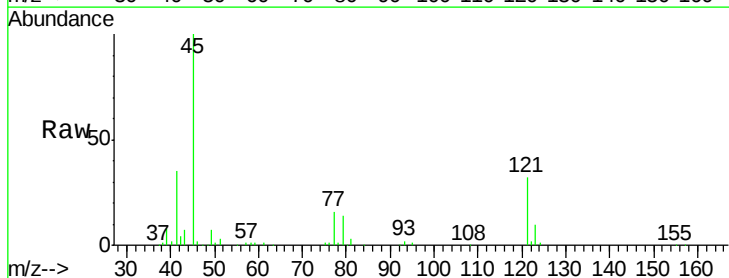
Instrument :
BNA_G
ClientSampleId :
PB82319BS

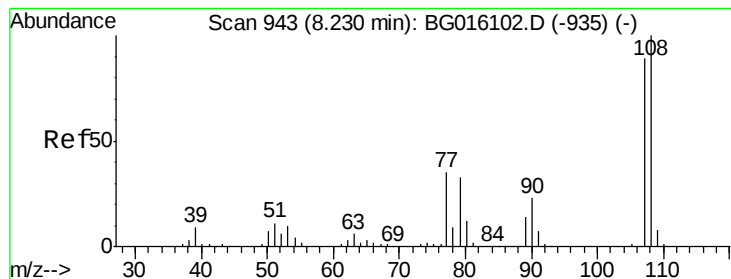
Tgt Ion: 79 Resp: 126073
Ion Ratio Lower Upper
79 100
108 92.1 71.4 107.0
77 63.0 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.63 ng
RT: 8.33 min Scan# 960
Delta R.T. -0.00 min
Lab File: BG016113.D
Acq: 25 Mar 2015 21:26

Tgt Ion: 45 Resp: 162172
Ion Ratio Lower Upper
45 100
77 15.6 0.0 36.3
79 13.6 0.0 33.3





#17

2-Methylphenol

Concen: 35.67 ng

RT: 8.23 min Scan# 943

Delta R.T. -0.00 min

Lab File: BG016113.D

Acq: 25 Mar 2015 21:26

Instrument :

BNA_G

ClientSampleId :

PB82319BS

Tgt Ion:107 Resp: 141532

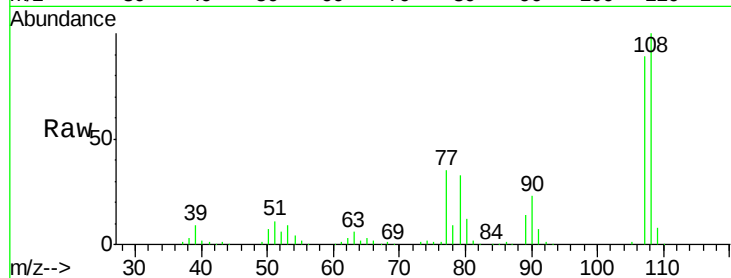
Ion Ratio Lower Upper

107 100

108 112.6 89.4 134.2

77 39.7 31.4 47.2

79 37.7 29.8 44.8

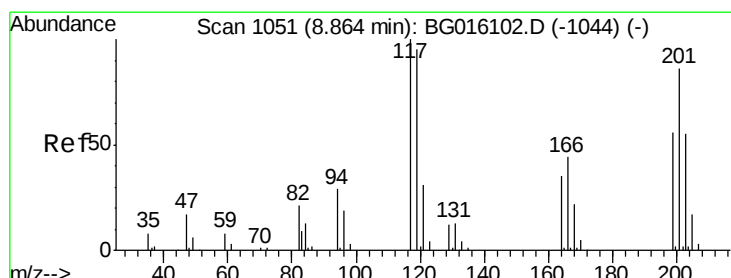
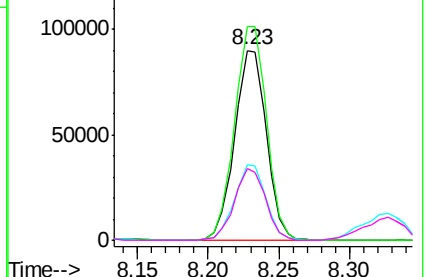
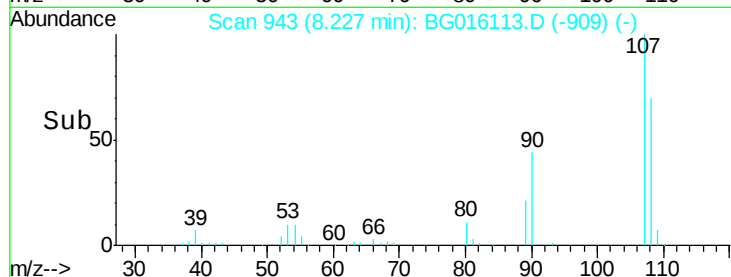


Abundance Ion 107.00 (106.70 to 107.70): E

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: 32.27 ng

RT: 8.87 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BG016113.D

Acq: 25 Mar 2015 21:26

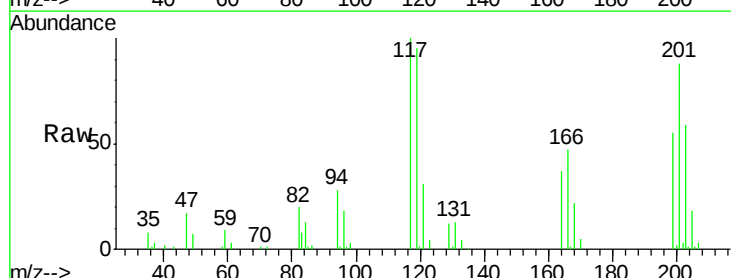
Tgt Ion:117 Resp: 56585

Ion Ratio Lower Upper

117 100

119 95.1 76.4 114.6

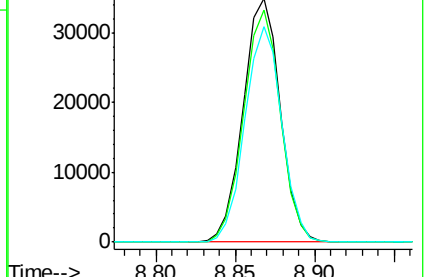
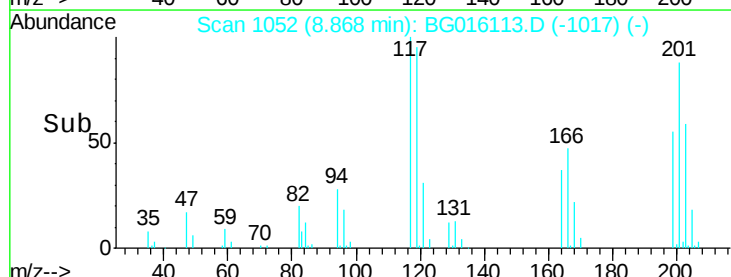
201 88.4 68.6 102.8

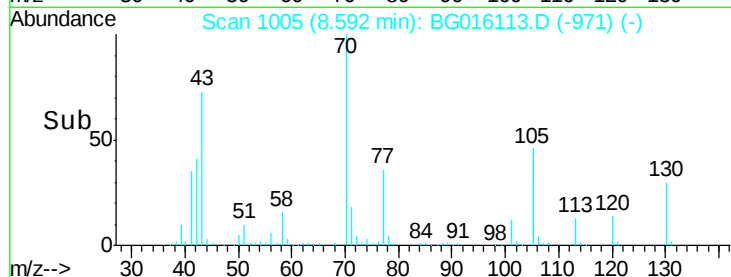
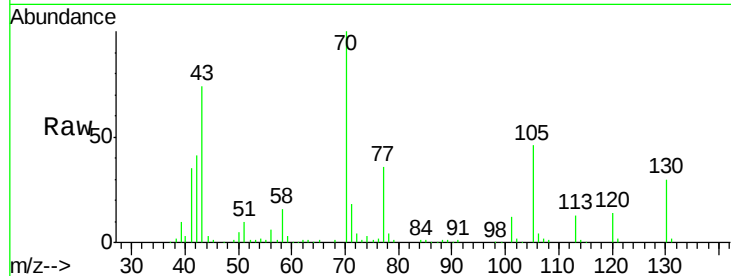
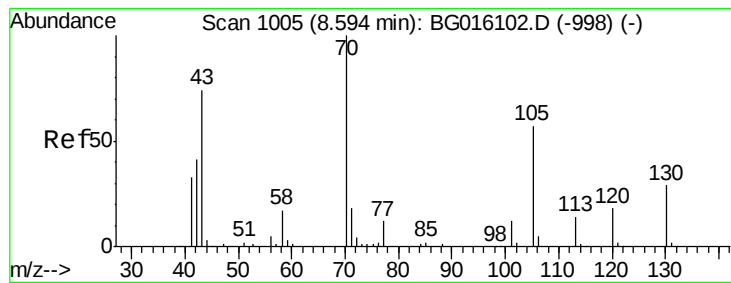


Abundance Ion 117.00 (116.70 to 117.70): E

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: 30.53 ng

RT: 8.59 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BG016113.D

Acq: 25 Mar 2015 21:26

Instrument :

BNA_G

ClientSampleId :

PB82319BS

Tgt Ion: 70 Resp: 114505

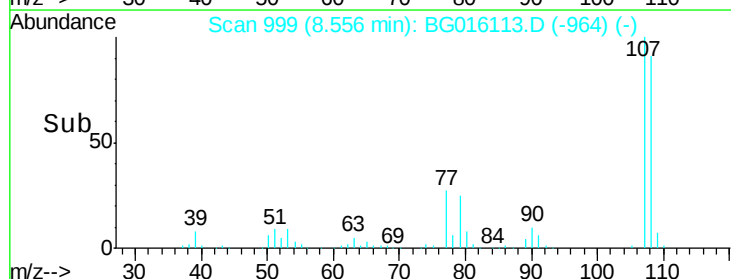
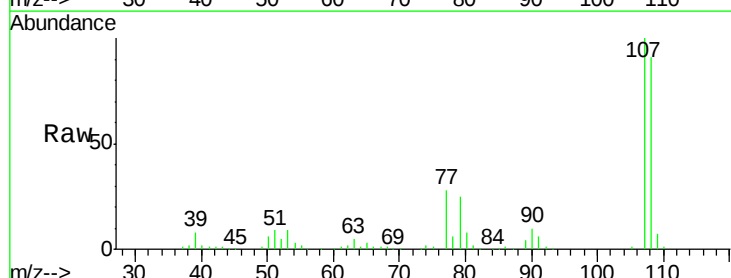
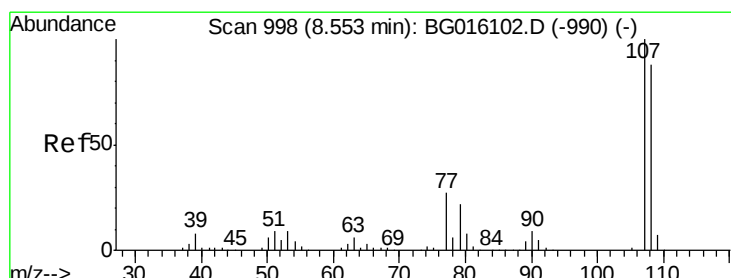
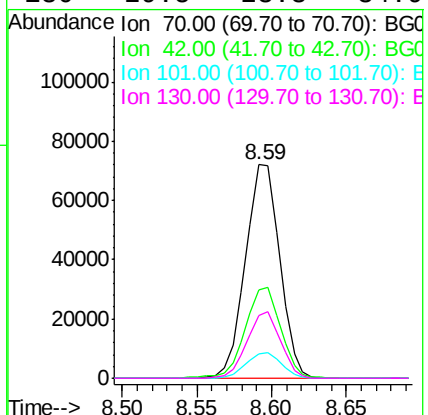
Ion Ratio Lower Upper

70 100

42 41.2 33.4 50.2

101 11.6 9.6 14.4

130 29.5 23.3 34.9



#20

3+4-Methylphenols

Concen: 35.48 ng

RT: 8.56 min Scan# 999

Delta R.T. 0.00 min

Lab File: BG016113.D

Acq: 25 Mar 2015 21:26

Tgt Ion: 107 Resp: 190914

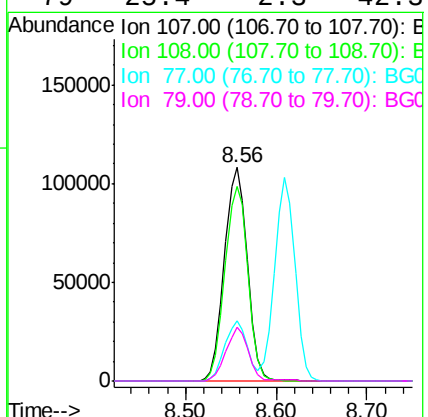
Ion Ratio Lower Upper

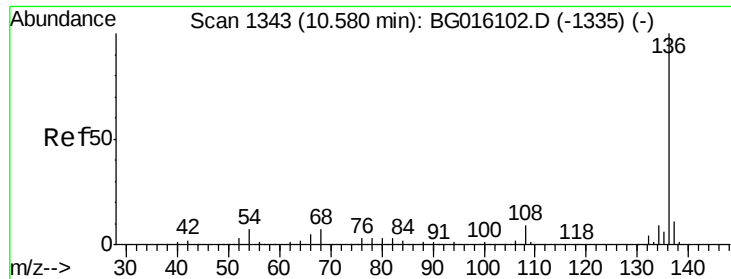
107 100

108 91.3 68.4 108.4

77 27.9 6.9 46.9

79 25.4 2.3 42.3

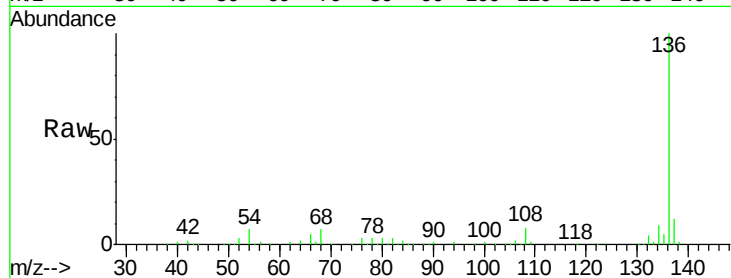




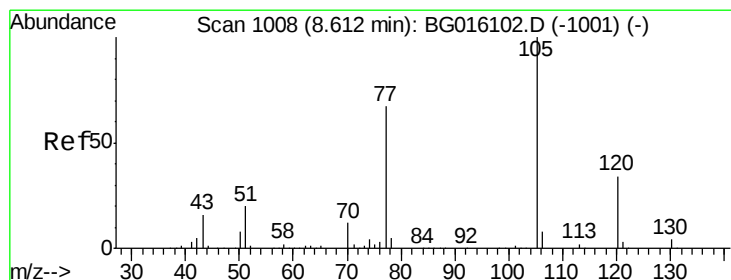
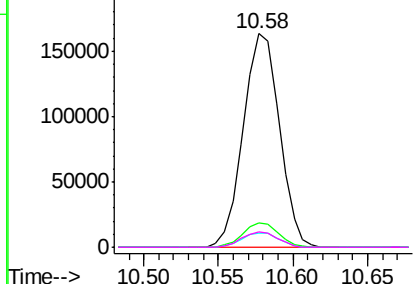
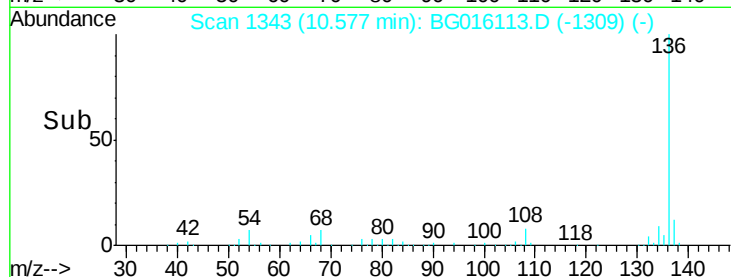
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.58 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG016113.D
Acq: 25 Mar 2015 21:26

Instrument :
BNA_G
ClientSampleId :
PB82319BS

Tgt Ion:	136	Resp:	274906
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	6.8	5.5	8.3
68	7.4	6.0	9.0

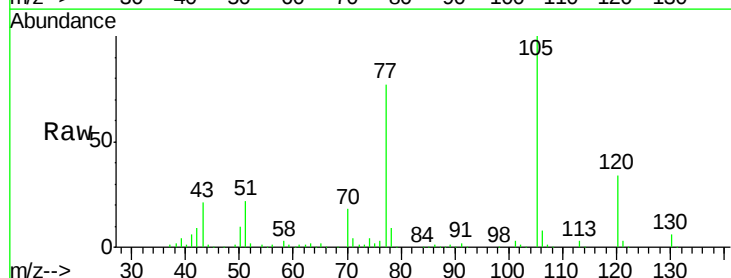


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

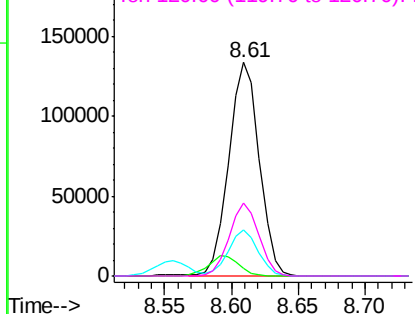
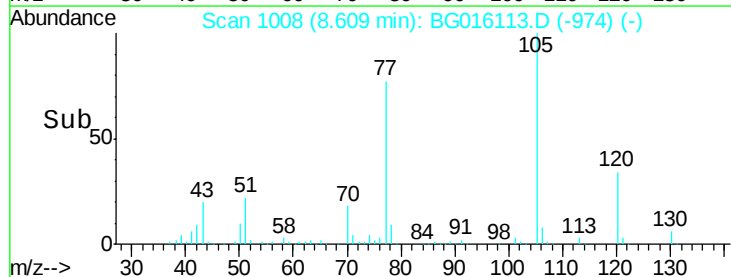


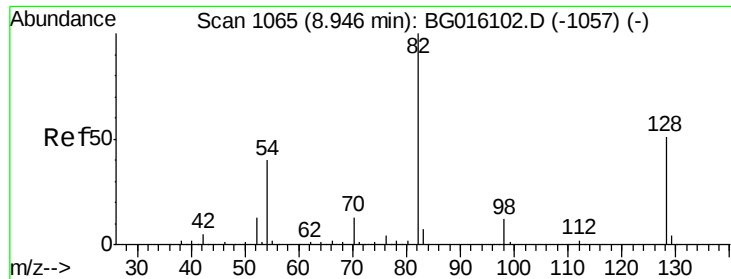
#22
Acetophenone
Concen: 34.41 ng
RT: 8.61 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BG016113.D
Acq: 25 Mar 2015 21:26

Tgt Ion:	105	Resp:	212798
Ion	Ratio	Lower	Upper
105	100		
71	3.7	2.2	3.2#
51	21.7	17.9	26.9
120	34.1	27.0	40.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

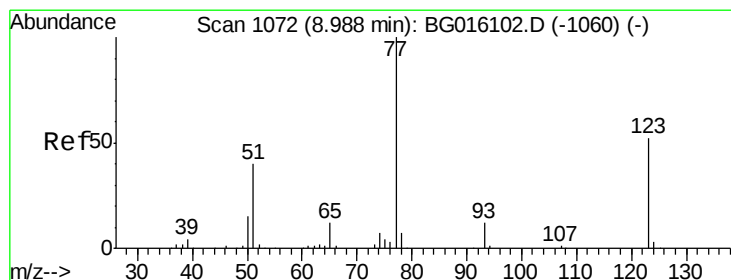
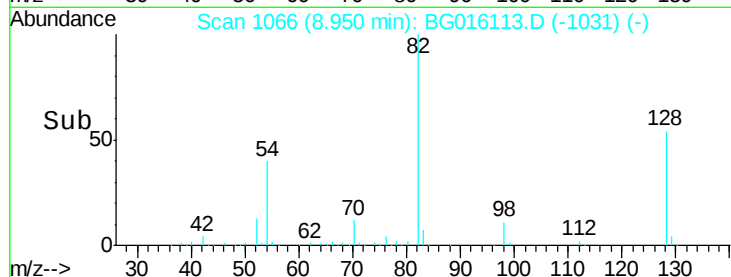
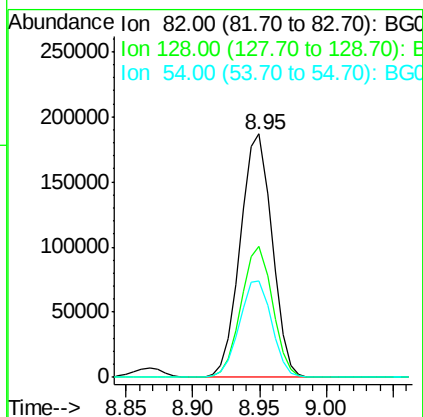
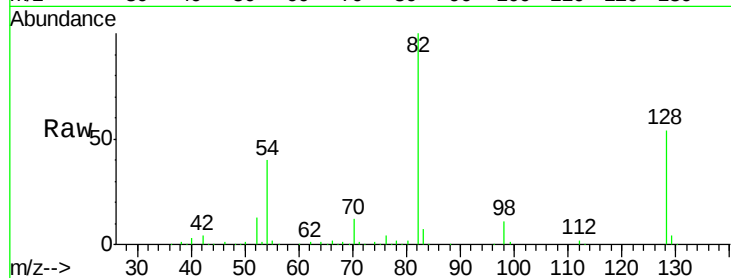




#23
Nitrobenzene-d5
Concen: 70.19 ng
RT: 8.95 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BG016113.D
Acq: 25 Mar 2015 21:26

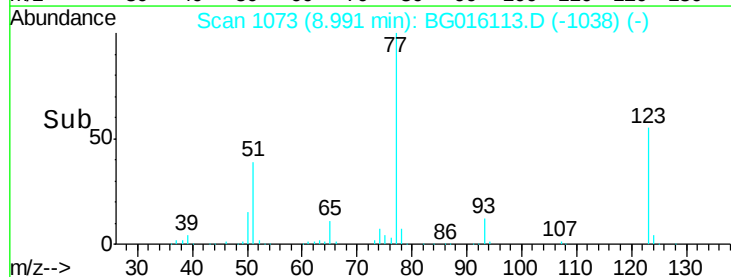
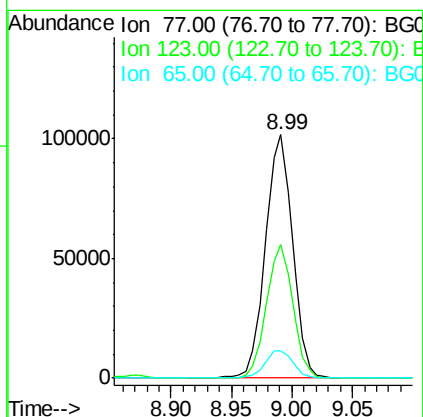
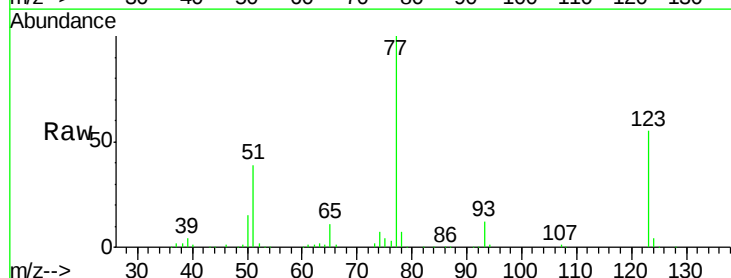
Instrument :
BNA_G
ClientSampleId :
PB82319BS

Tgt Ion: 82 Resp: 308333
Ion Ratio Lower Upper
82 100
128 53.6 40.4 60.6
54 39.5 32.1 48.1



#24
Nitrobenzene
Concen: 33.01 ng
RT: 8.99 min Scan# 1073
Delta R.T. 0.00 min
Lab File: BG016113.D
Acq: 25 Mar 2015 21:26

Tgt Ion: 77 Resp: 157591
Ion Ratio Lower Upper
77 100
123 54.8 41.4 62.0
65 11.1 9.7 14.5

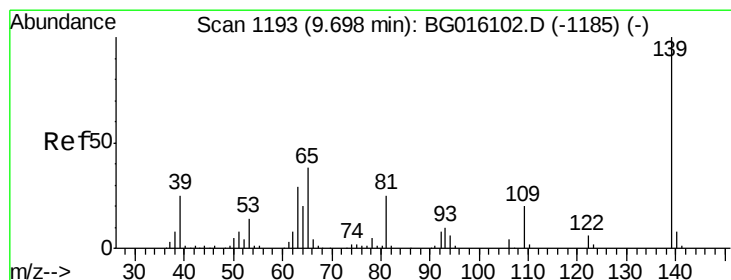
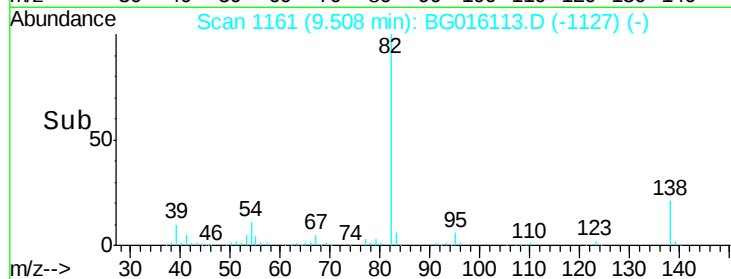
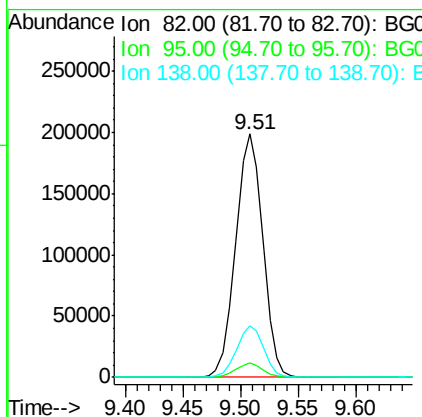
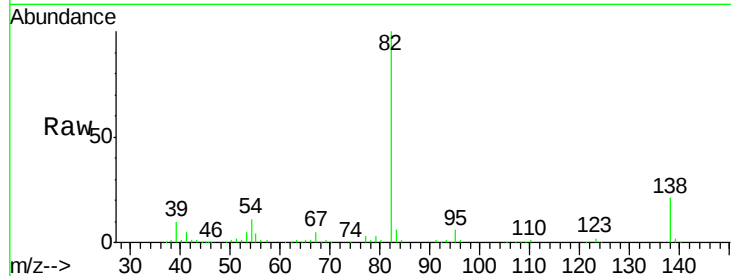




#25
Isophorone
Concen: 32.13 ng
RT: 9.51 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BG016113.D
Acq: 25 Mar 2015 21:26

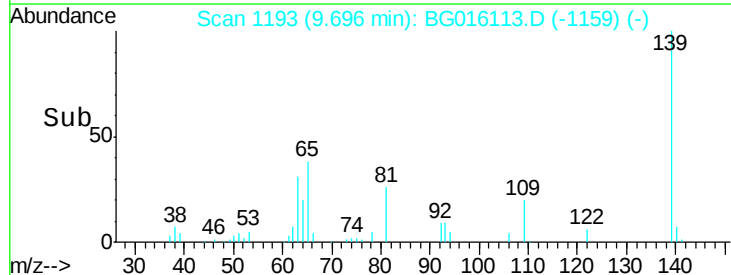
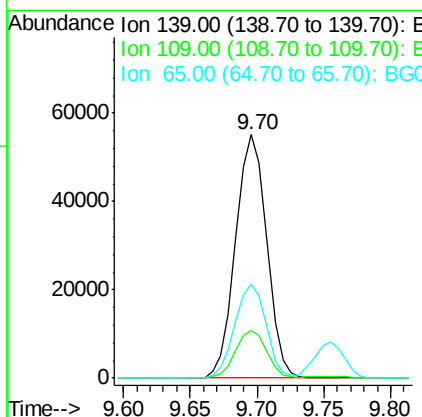
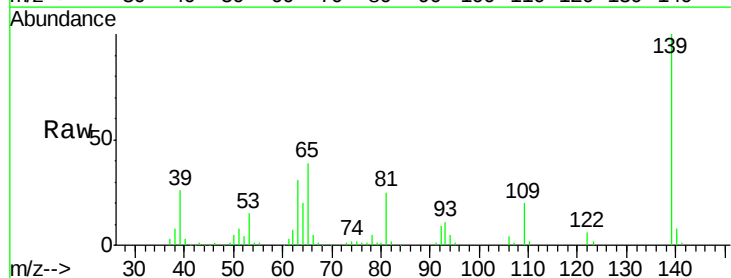
Instrument :
BNA_G
ClientSampled :
PB82319BS

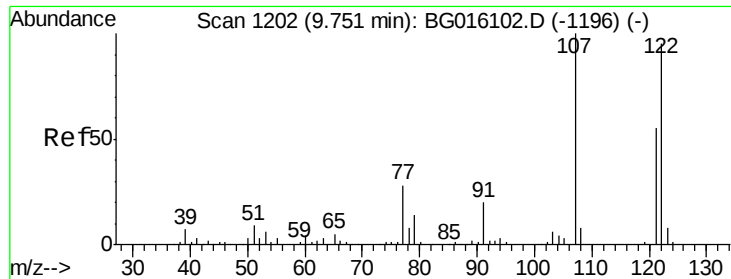
Tgt Ion: 82 Resp: 323262
Ion Ratio Lower Upper
82 100
95 6.0 4.6 6.8
138 21.5 17.1 25.7



#26
2-Nitrophenol
Concen: 34.51 ng
RT: 9.70 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BG016113.D
Acq: 25 Mar 2015 21:26

Tgt Ion: 139 Resp: 89245
Ion Ratio Lower Upper
139 100
109 19.8 15.7 23.5
65 38.8 30.1 45.1

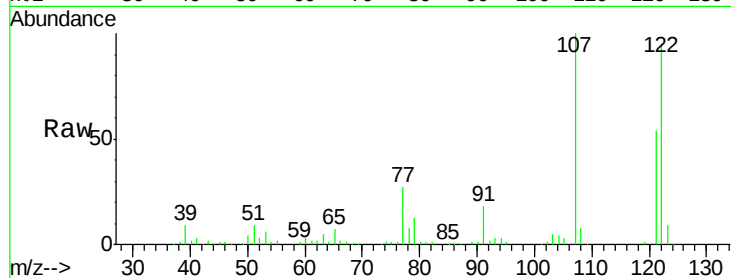




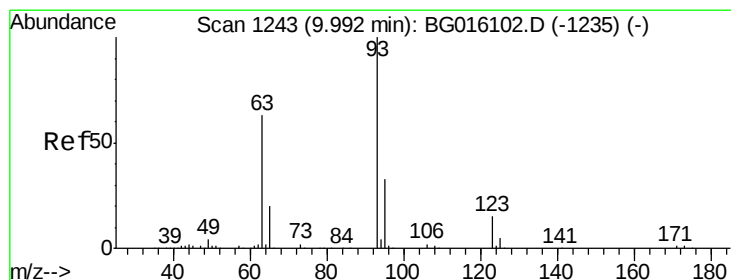
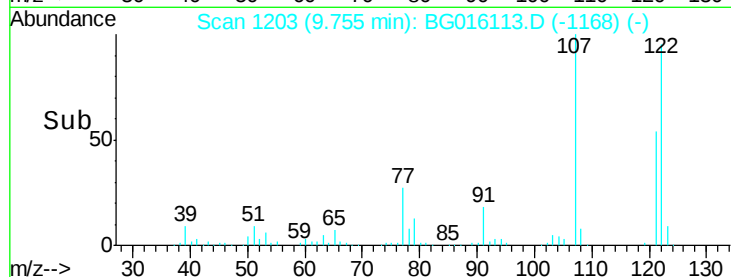
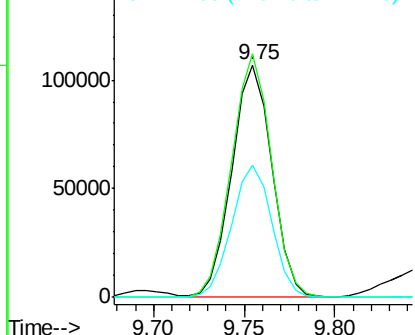
#27
 2,4-Dimethylphenol
 Concen: 37.62 ng
 RT: 9.75 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BG016113.D
 Acq: 25 Mar 2015 21:26

Instrument :
 BNA_G
 ClientSampleId :
 PB82319BS

Tgt Ion:122 Resp: 163149
 Ion Ratio Lower Upper
 122 100
 107 104.8 83.6 125.4
 121 56.8 45.6 68.4

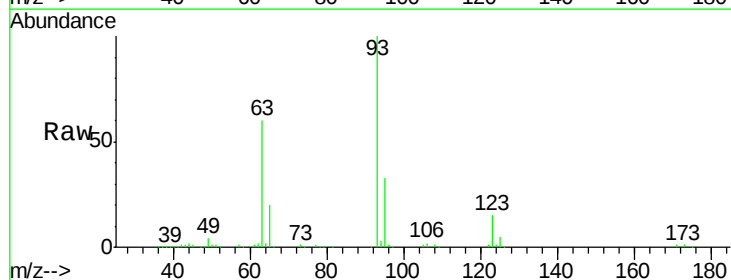


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

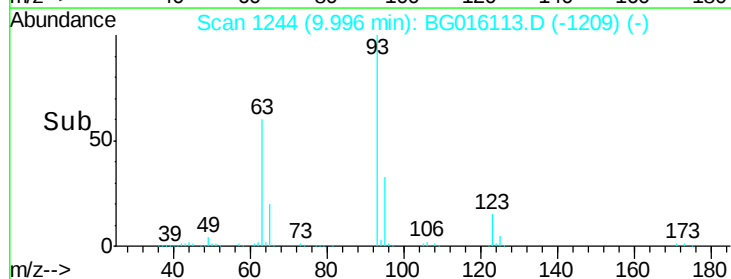
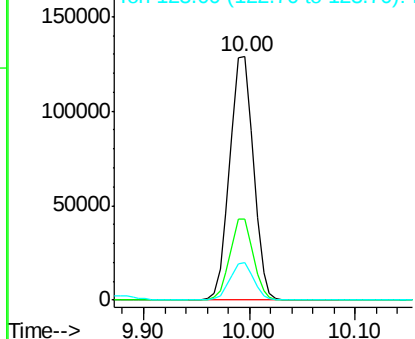


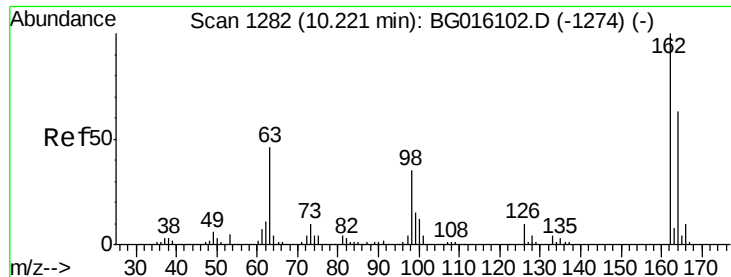
#28
 bis(2-Chloroethoxy)methane
 Concen: 34.64 ng
 RT: 10.00 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: BG016113.D
 Acq: 25 Mar 2015 21:26

Tgt Ion: 93 Resp: 200092
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.4 39.6
 123 15.2 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: 38.67 ng

RT: 10.22 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BG016113.D

Acq: 25 Mar 2015 21:26

Instrument :

BNA_G

ClientSampleId :

PB82319BS

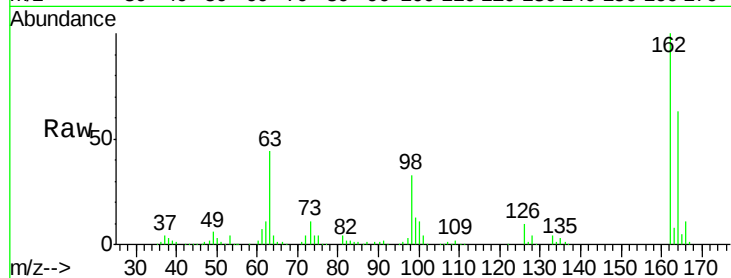
Tgt Ion:162 Resp: 147431

Ion Ratio Lower Upper

162 100

164 63.3 43.5 83.5

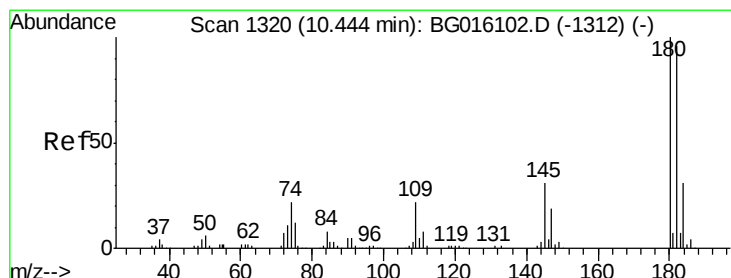
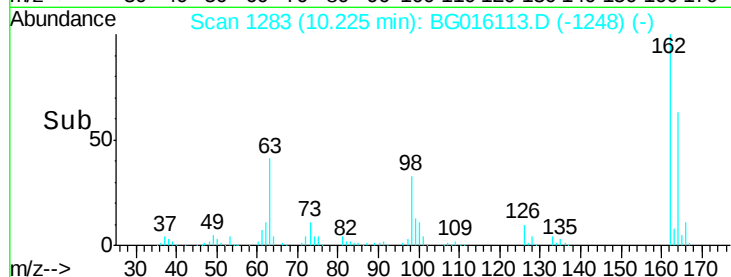
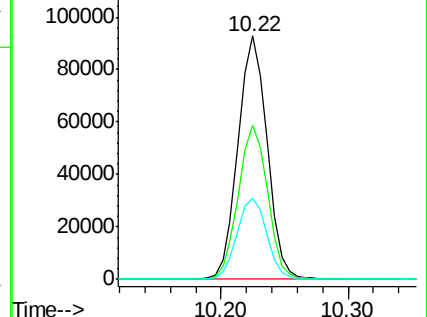
98 33.2 14.8 54.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 32.66 ng

RT: 10.44 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG016113.D

Acq: 25 Mar 2015 21:26

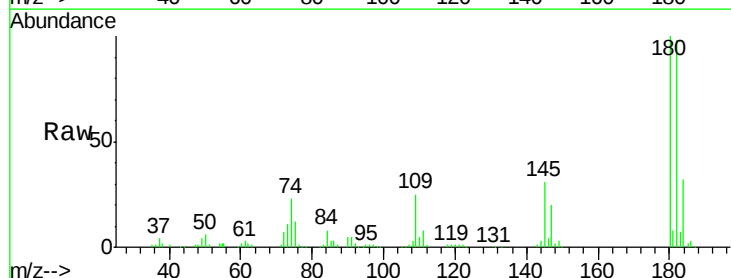
Tgt Ion:180 Resp: 134082

Ion Ratio Lower Upper

180 100

182 97.9 76.8 115.2

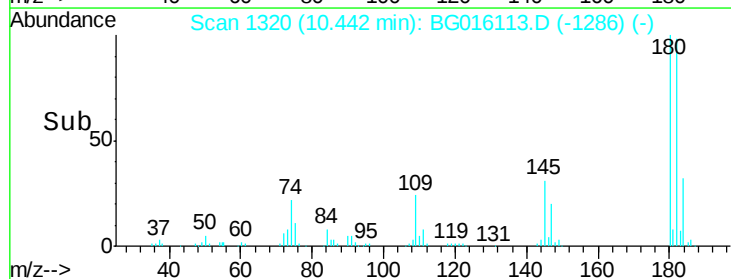
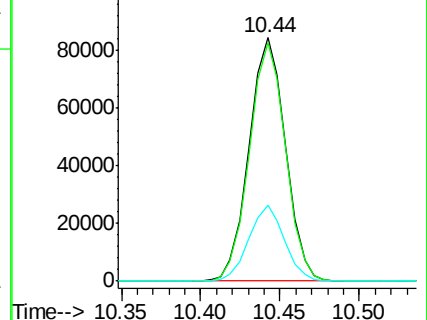
145 31.0 24.8 37.2



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

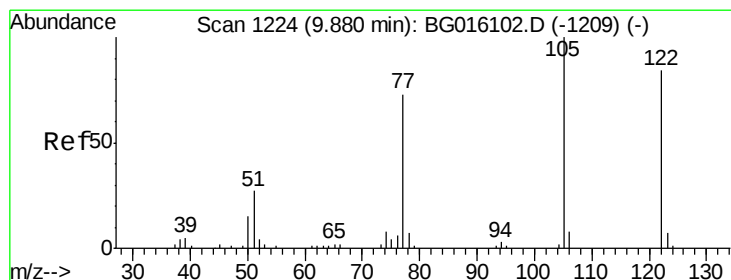
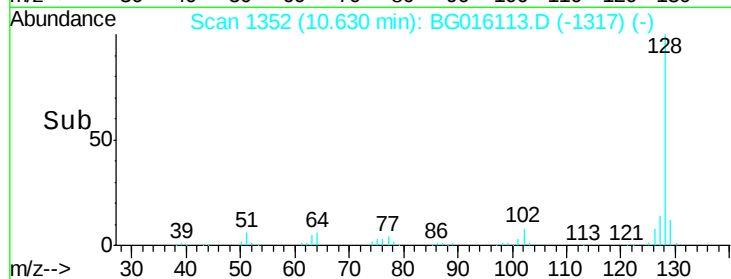
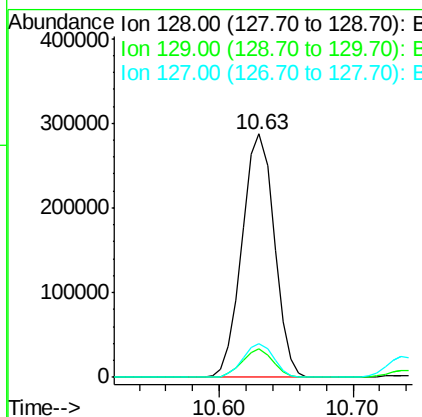
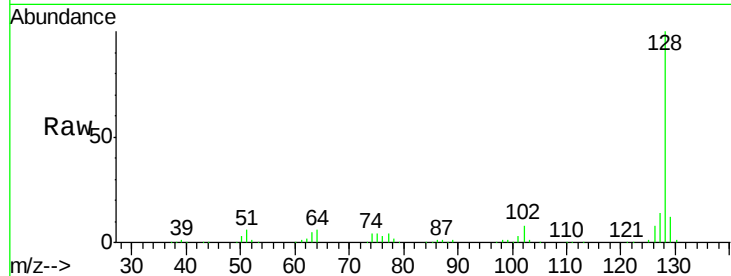




#31
Naphthalene
Concen: 32.63 ng
RT: 10.63 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BG016113.D
Acq: 25 Mar 2015 21:26

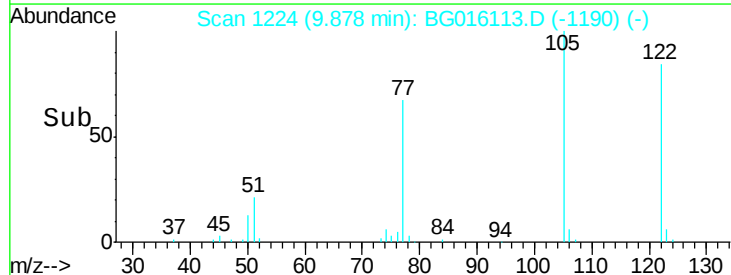
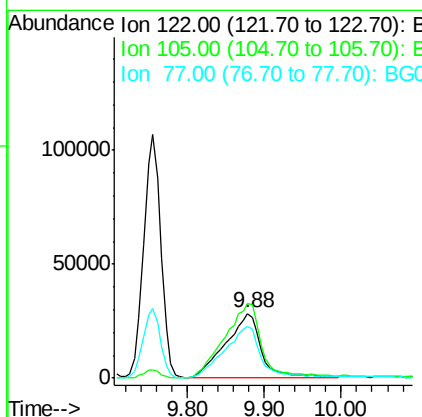
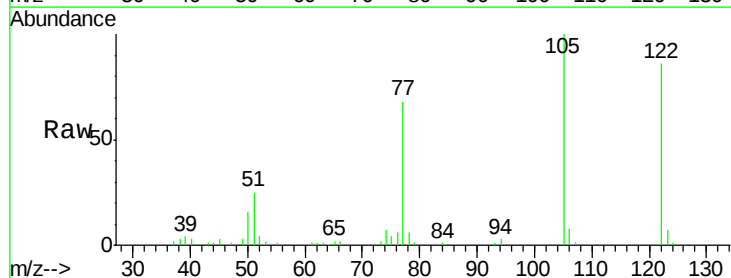
Instrument :
BNA_G
ClientSampleId :
PB82319BS

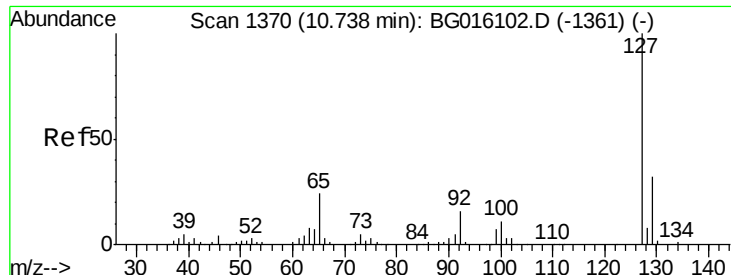
Tgt Ion:128 Resp: 480717
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.8 10.9 16.3



#32
Benzoic acid
Concen: 32.60 ng
RT: 9.88 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BG016113.D
Acq: 25 Mar 2015 21:26

Tgt Ion:122 Resp: 90340
Ion Ratio Lower Upper
122 100
105 115.7 97.2 137.2
77 79.1 65.0 105.0

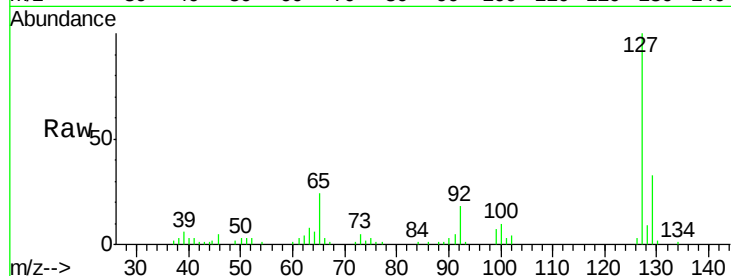




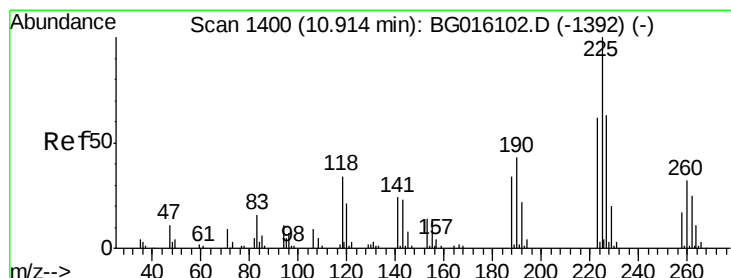
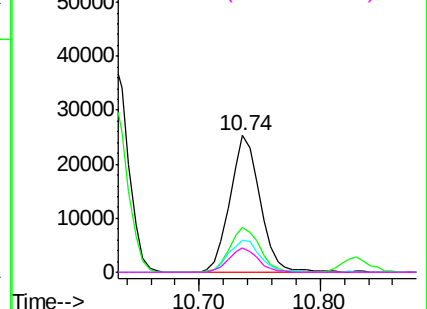
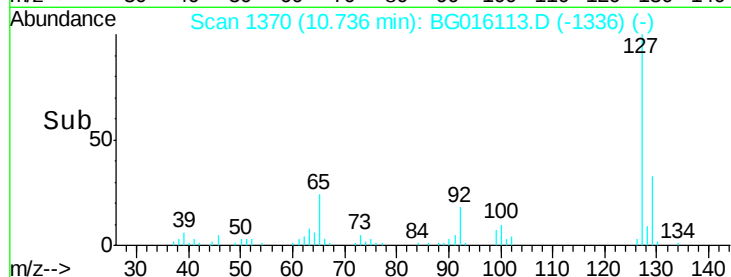
#33
4-Chloroaniline
Concen: 6.79 ng
RT: 10.74 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BG016113.D
Acq: 25 Mar 2015 21:26

Instrument :
BNA_G
ClientSampleId :
PB82319BS

Tgt Ion:	127	Resp:	43791
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.3	37.9
65	23.8	19.5	29.3
92	18.0	13.1	19.7

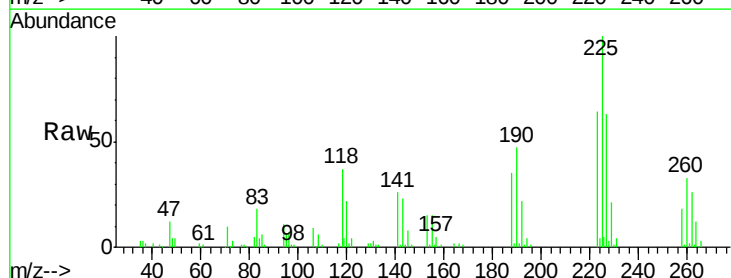


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

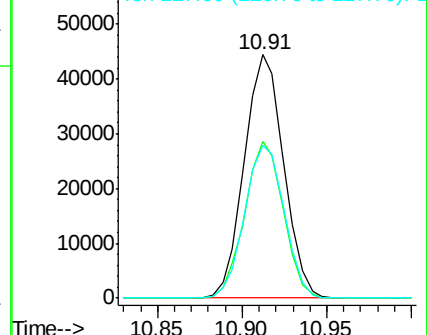
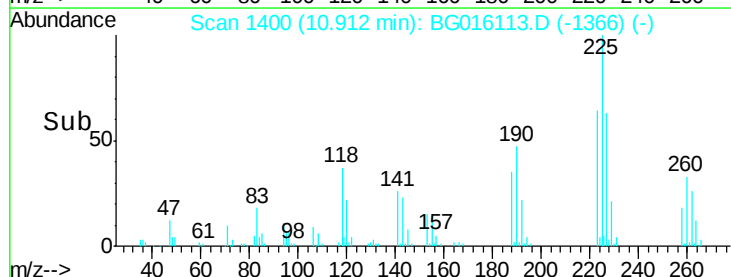


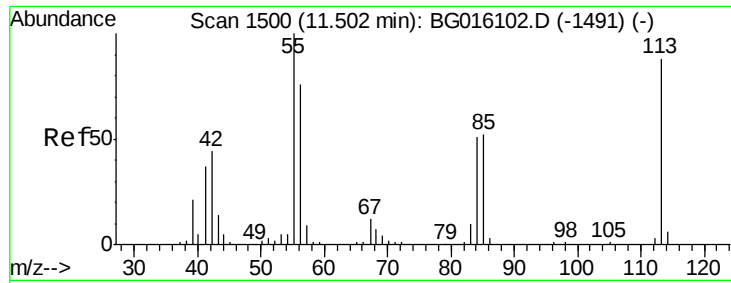
#34
Hexachlorobutadiene
Concen: 32.18 ng
RT: 10.91 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BG016113.D
Acq: 25 Mar 2015 21:26

Tgt Ion:	225	Resp:	71867
Ion	Ratio	Lower	Upper
225	100		
223	64.2	49.5	74.3
227	62.7	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: 17.63 ng

RT: 11.50 min Scan# 1500

Delta R.T. -0.00 min

Lab File: BG016113.D

Acq: 25 Mar 2015 21:26

Instrument :

BNA_G

ClientSampleId :

PB82319BS

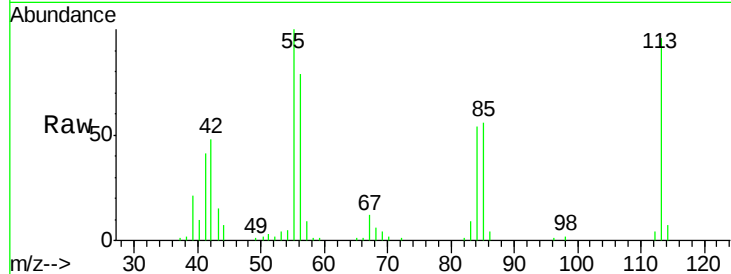
Tgt Ion:113 Resp: 36491

Ion Ratio Lower Upper

113 100

55 104.3 93.9 133.9

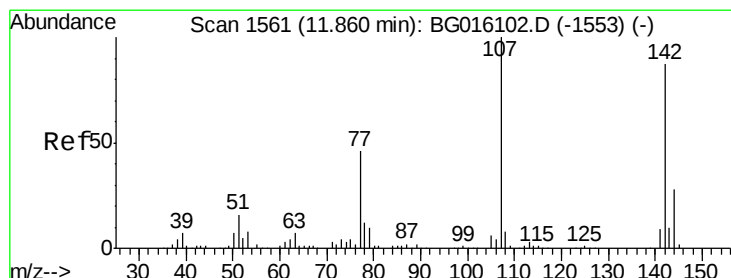
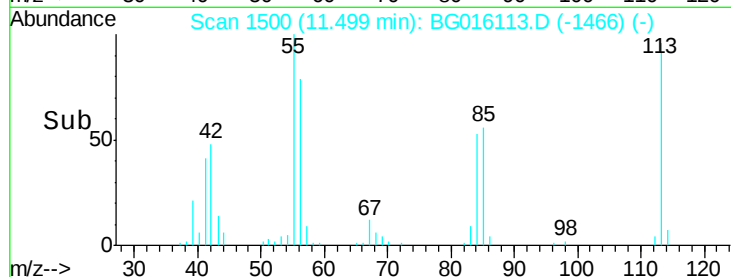
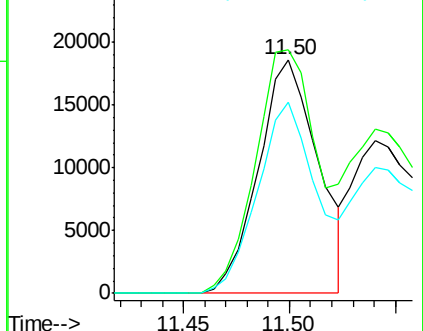
56 82.0 67.1 107.1



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: 36.34 ng

RT: 11.86 min Scan# 1561

Delta R.T. -0.00 min

Lab File: BG016113.D

Acq: 25 Mar 2015 21:26

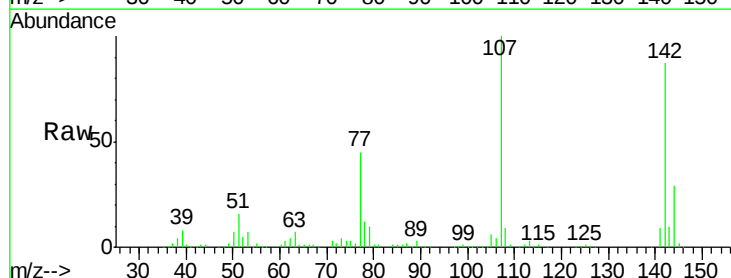
Tgt Ion:107 Resp: 163419

Ion Ratio Lower Upper

107 100

144 28.7 22.7 34.1

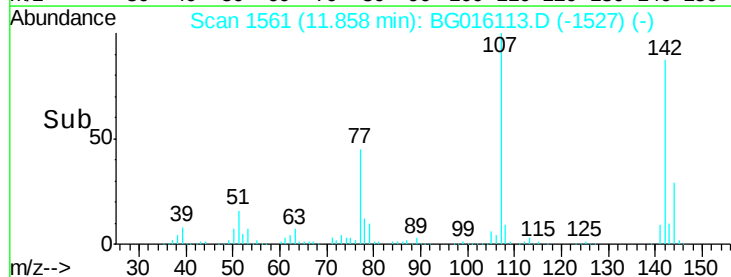
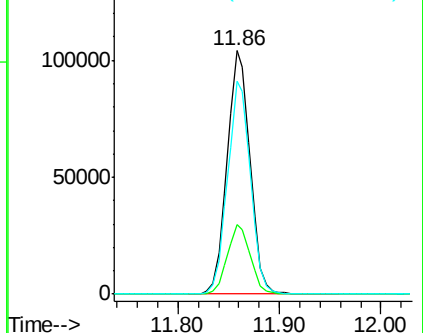
142 87.5 69.7 104.5

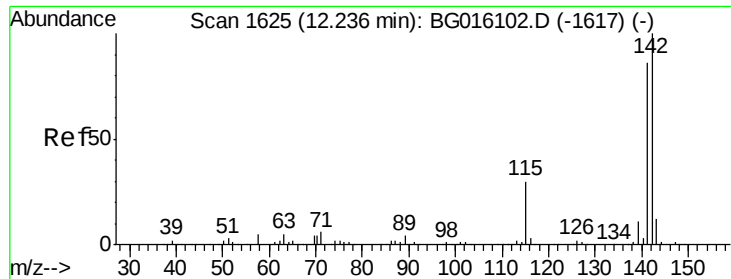


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

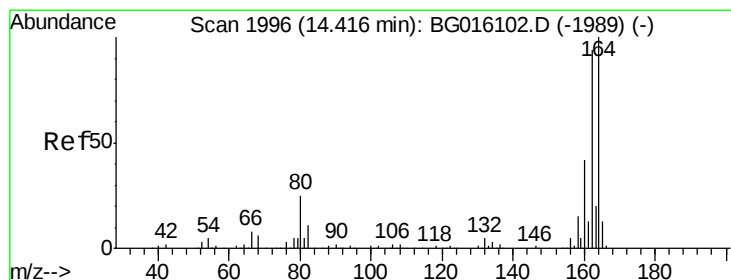
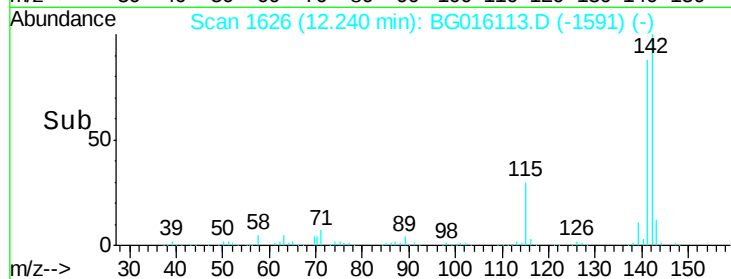
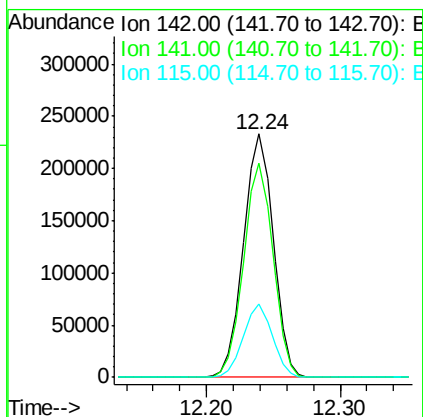
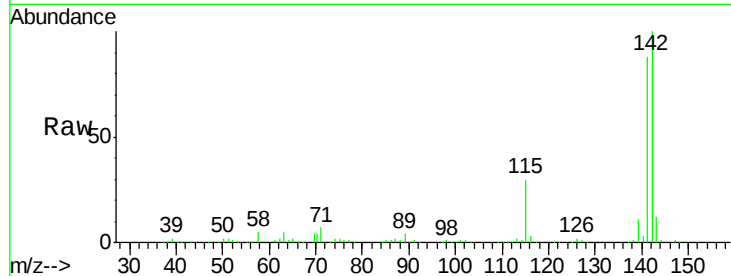




#37
2-Methylnaphthalene
Concen: 34.05 ng
RT: 12.24 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BG016113.D
Acq: 25 Mar 2015 21:26

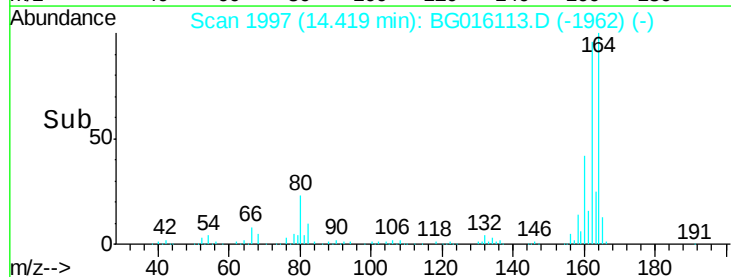
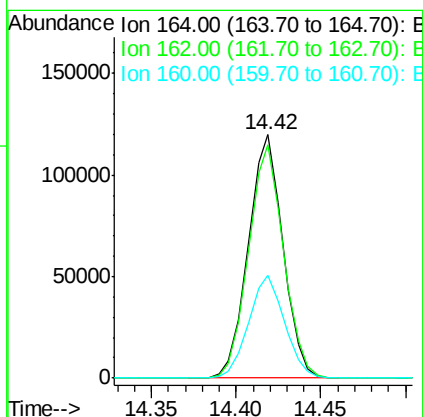
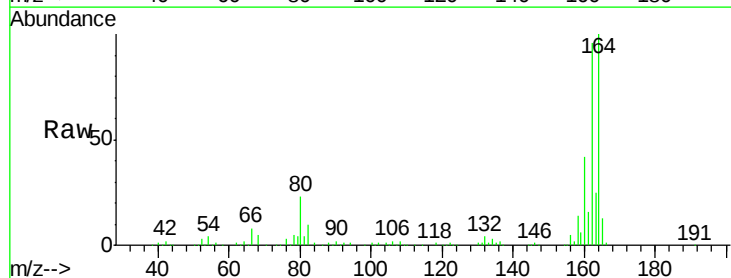
Instrument :
BNA_G
ClientSampleId :
PB82319BS

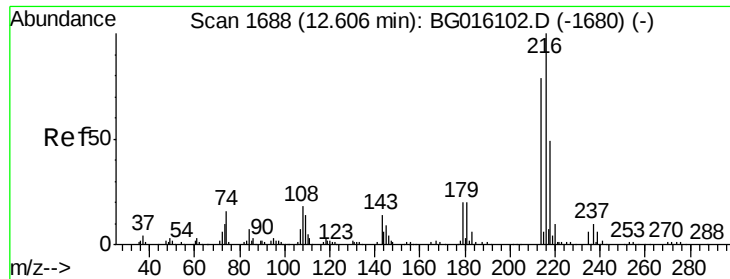
Tgt Ion:142 Resp: 358114
Ion Ratio Lower Upper
142 100
141 87.9 68.6 103.0
115 30.0 24.0 36.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.42 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BG016113.D
Acq: 25 Mar 2015 21:26

Tgt Ion:164 Resp: 170419
Ion Ratio Lower Upper
164 100
162 95.7 75.2 112.8
160 42.5 33.9 50.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.61 ng

RT: 12.61 min Scan# 1689

Delta R.T. 0.00 min

Lab File: BG016113.D

Acq: 25 Mar 2015 21:26

Instrument :

BNA_G

ClientSampled :

PB82319BS

Tgt Ion:216 Resp: 148569

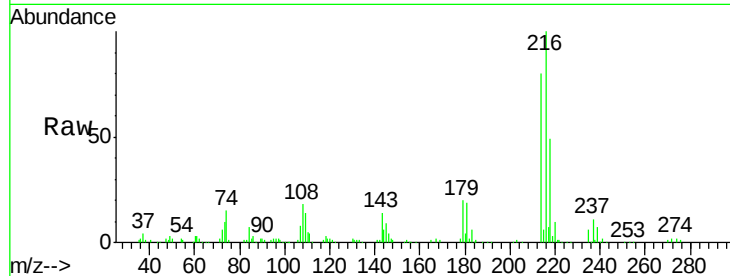
Ion Ratio Lower Upper

216 100

214 78.5 63.0 94.6

179 19.6 15.4 23.2

108 22.5 15.8 23.6

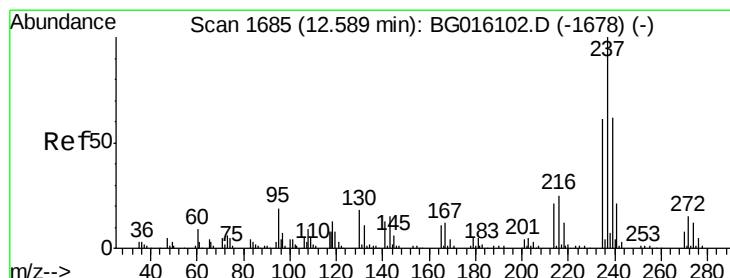
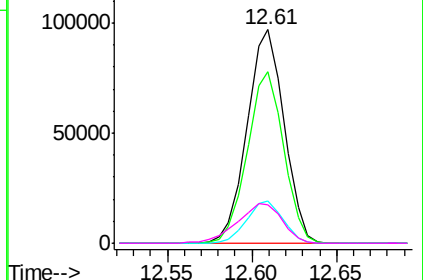
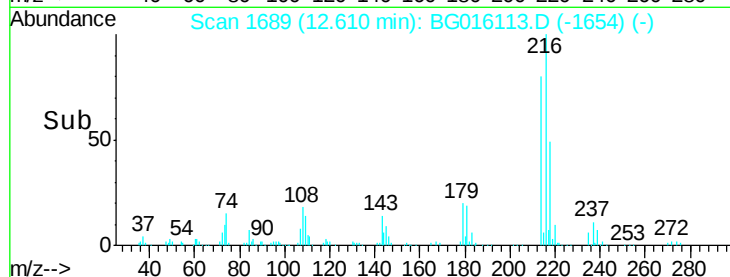


Abundance Ion 216.00 (215.70 to 216.70): E

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: 74.40 ng

RT: 12.59 min Scan# 1685

Delta R.T. -0.00 min

Lab File: BG016113.D

Acq: 25 Mar 2015 21:26

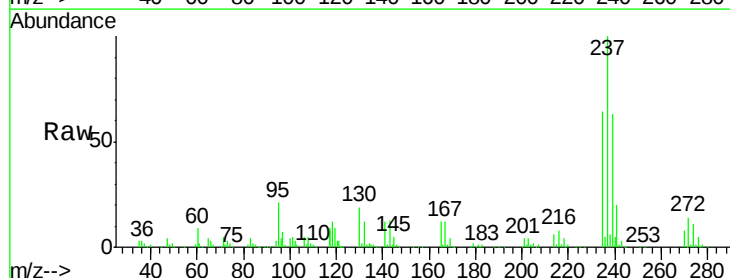
Tgt Ion:237 Resp: 186713

Ion Ratio Lower Upper

237 100

235 64.0 41.5 81.5

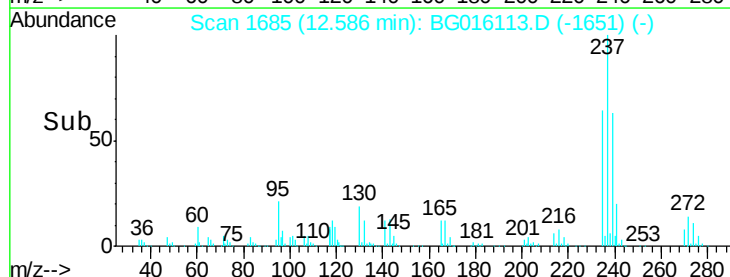
272 13.8 0.0 35.3



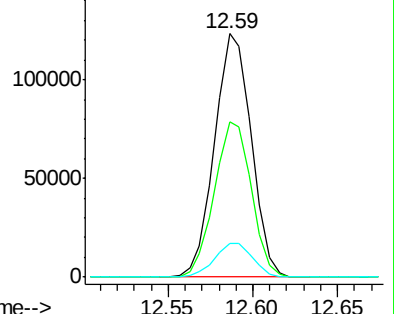
Abundance Ion 236.80 (236.50 to 237.50): E

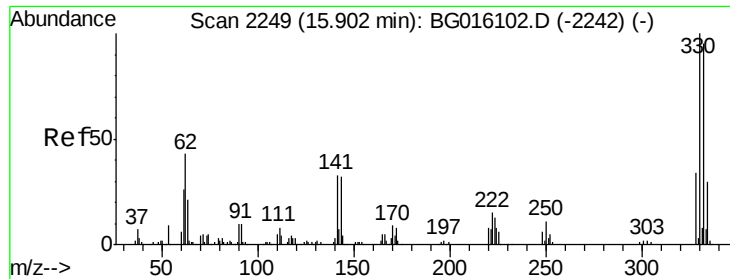
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

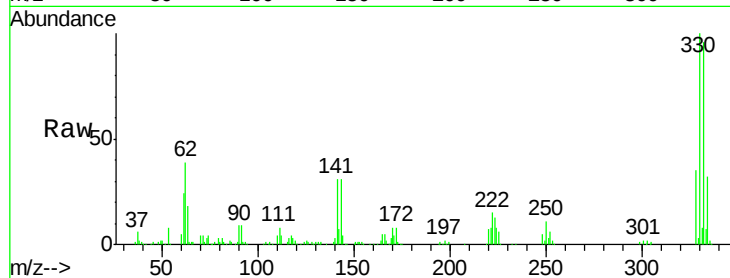




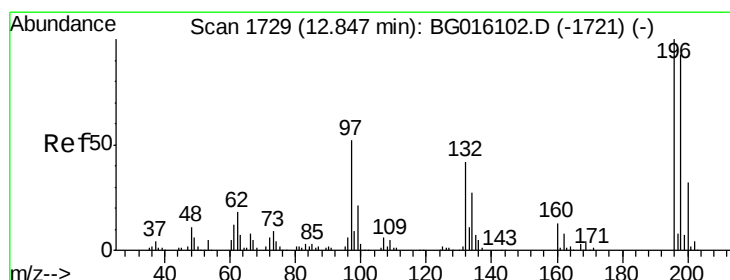
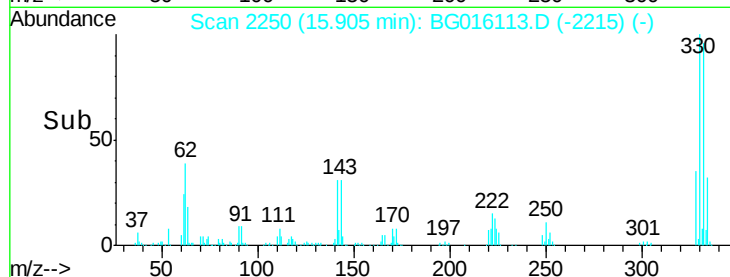
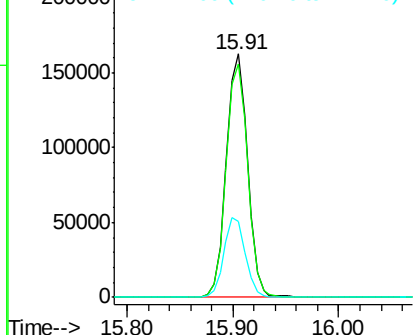
#41
 2,4,6-Tribromophenol
 Concen: 114.20 ng
 RT: 15.91 min Scan# 2250
 Delta R.T. 0.00 min
 Lab File: BG016113.D
 Acq: 25 Mar 2015 21:26

Instrument :
 BNA_G
 ClientSampleId :
 PB82319BS

Tgt Ion:330 Resp: 226825
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 114.8
 141 33.2 26.2 39.4

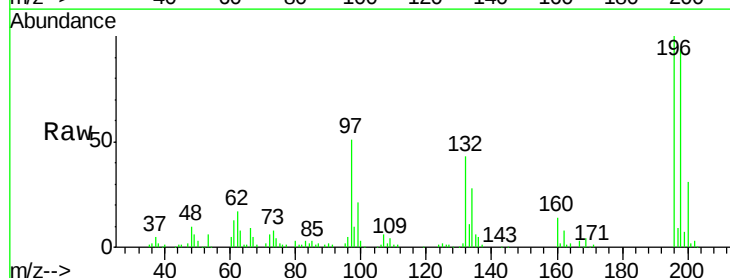


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

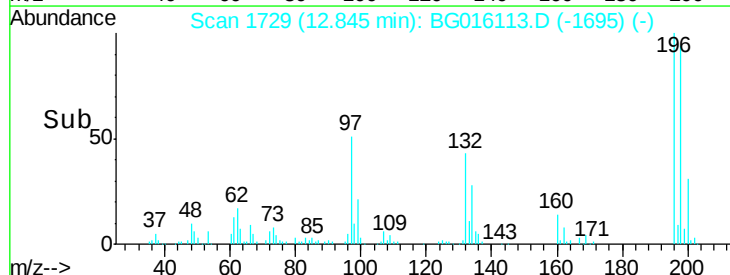
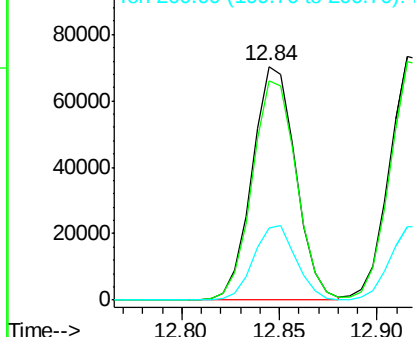


#42
 2,4,6-Trichlorophenol
 Concen: 35.38 ng
 RT: 12.84 min Scan# 1729
 Delta R.T. -0.00 min
 Lab File: BG016113.D
 Acq: 25 Mar 2015 21:26

Tgt Ion:196 Resp: 108481
 Ion Ratio Lower Upper
 196 100
 198 93.9 74.0 111.0
 200 30.8 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

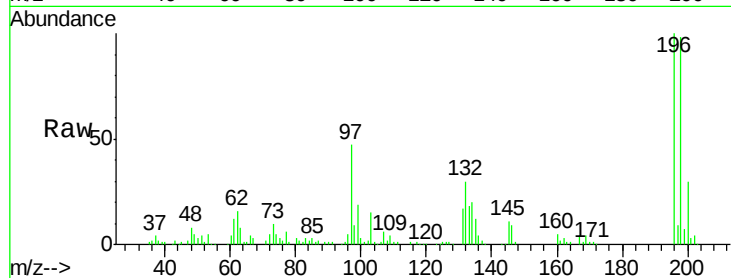




#43
 2,4,5-Trichlorophenol
 Concen: 35.34 ng
 RT: 12.92 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG016113.D
 Acq: 25 Mar 2015 21:26

Instrument :
 BNA_G
 ClientSampleId :
 PB82319BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.8	76.2	114.4
97	47.0	36.2	54.4
132	30.1	23.6	35.4



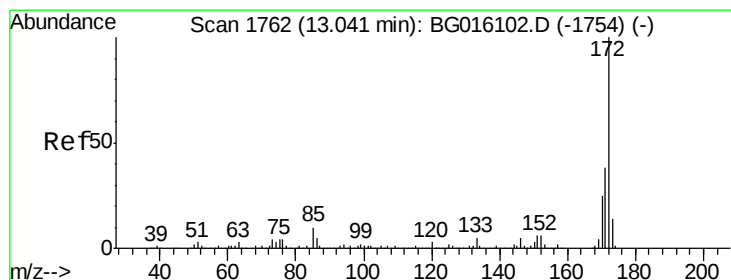
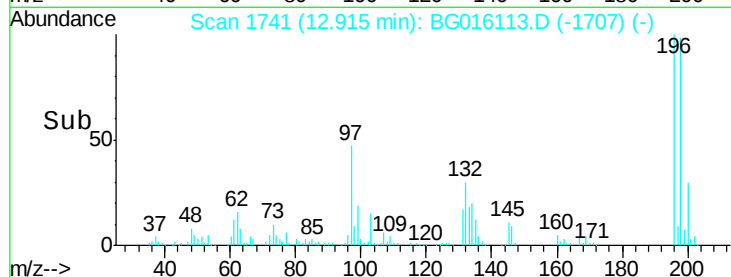
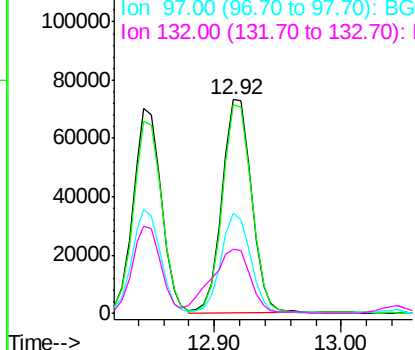
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

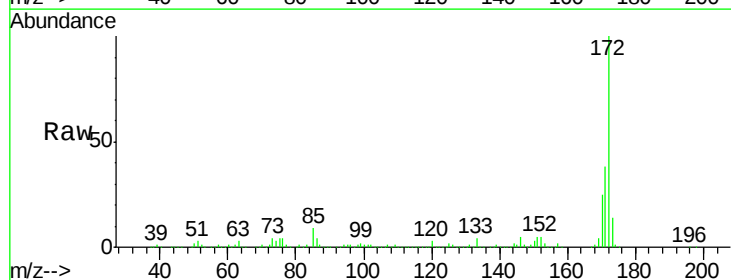
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 76.40 ng
 RT: 13.04 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: BG016113.D
 Acq: 25 Mar 2015 21:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.3	45.5
170	24.8	19.8	29.8

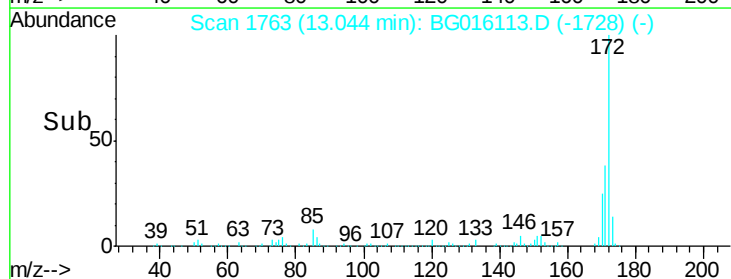
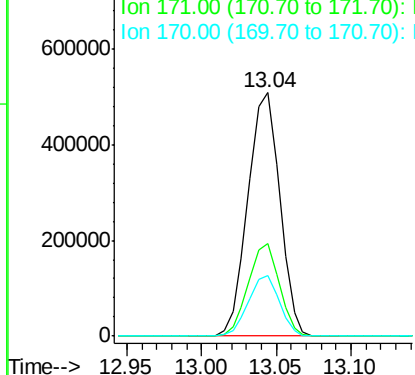


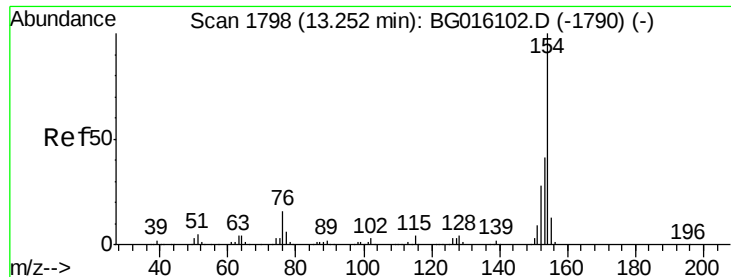
Abundance

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: 34.99 ng

RT: 13.25 min Scan# 1798

Delta R.T. -0.00 min

Lab File: BG016113.D

Acq: 25 Mar 2015 21:26

Instrument :

BNA_G

ClientSampleId :

PB82319BS

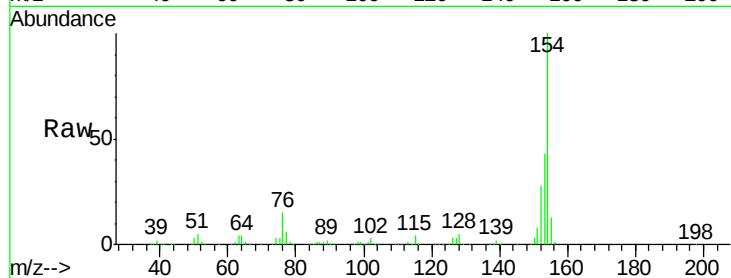
Tgt Ion:154 Resp: 437300

Ion Ratio Lower Upper

154 100

153 42.5 21.4 61.4

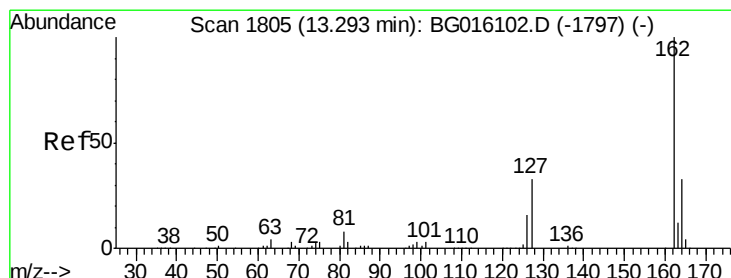
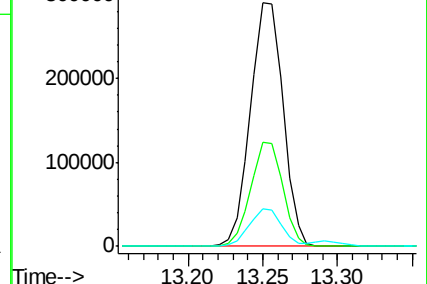
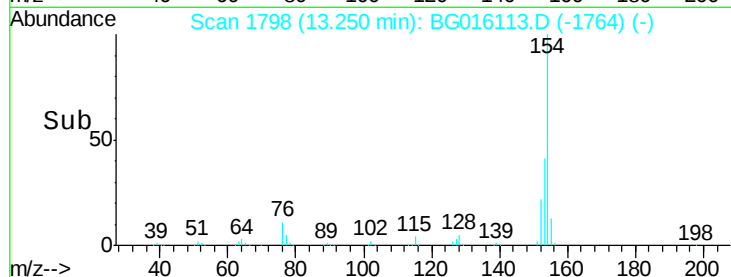
76 15.3 0.0 35.5



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): BGC



#46

2-Chloronaphthalene

Concen: 34.00 ng

RT: 13.29 min Scan# 1805

Delta R.T. -0.00 min

Lab File: BG016113.D

Acq: 25 Mar 2015 21:26

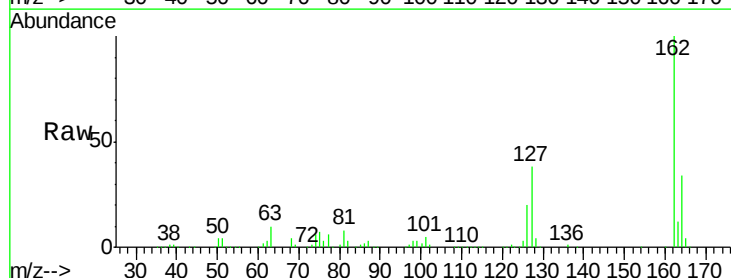
Tgt Ion:162 Resp: 331409

Ion Ratio Lower Upper

162 100

127 37.7 29.4 44.2

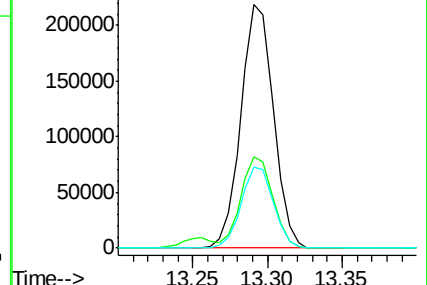
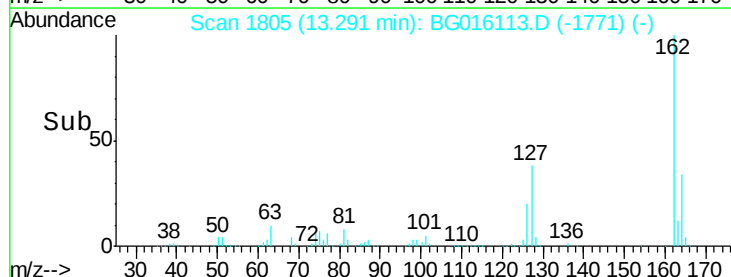
164 33.5 26.1 39.1



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

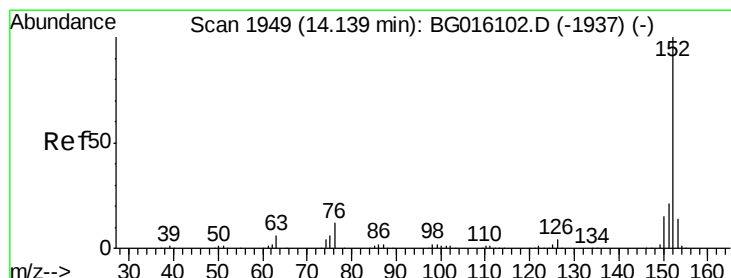
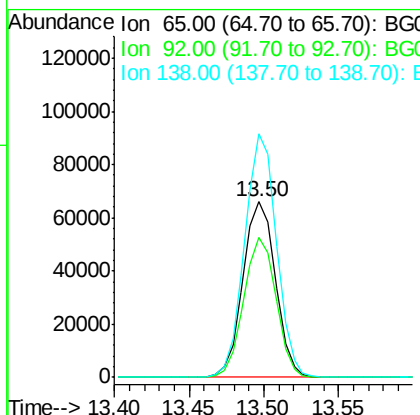
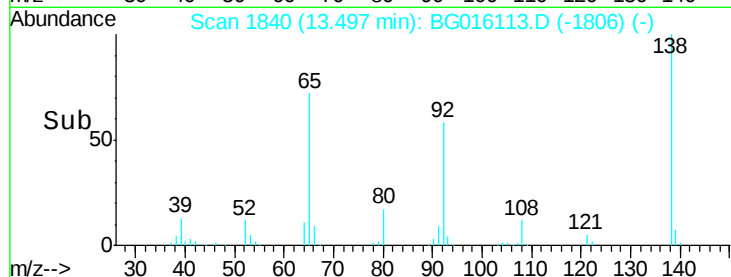
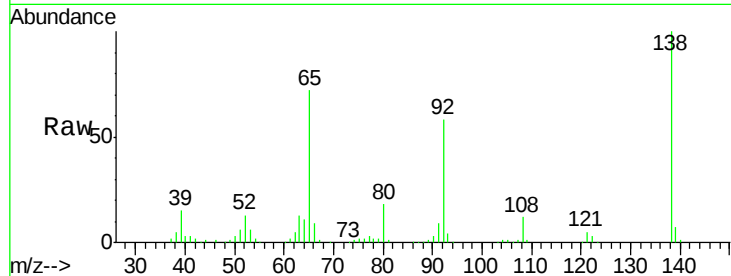




#47
 2-Nitroaniline
 Concen: 35.47 ng
 RT: 13.50 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG016113.D
 Acq: 25 Mar 2015 21:26

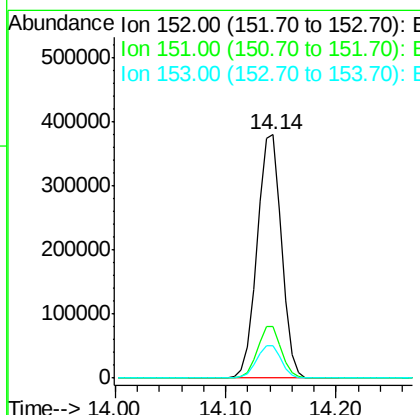
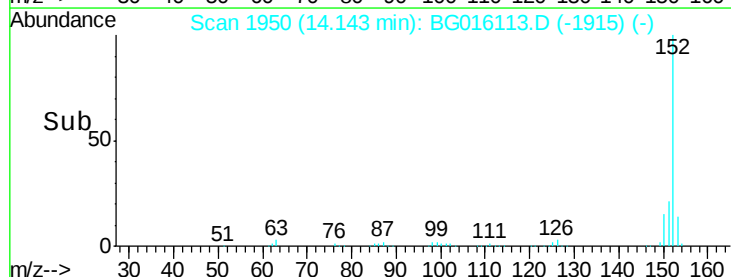
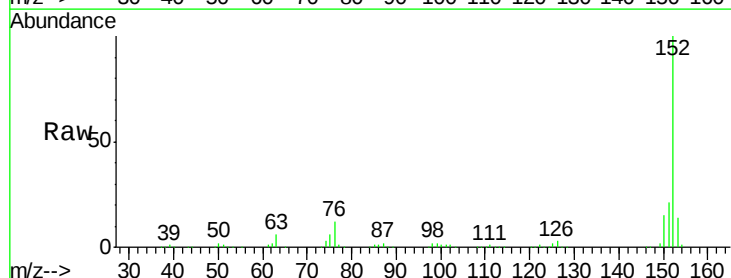
Instrument :
 BNA_G
 ClientSampleId :
 PB82319BS

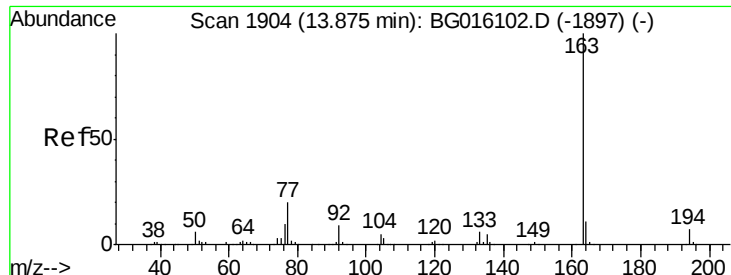
Tgt Ion: 65 Resp: 99315
 Ion Ratio Lower Upper
 65 100
 92 79.9 64.2 96.4
 138 138.7 110.4 165.6



#48
 Acenaphthylene
 Concen: 33.11 ng
 RT: 14.14 min Scan# 1950
 Delta R.T. 0.00 min
 Lab File: BG016113.D
 Acq: 25 Mar 2015 21:26

Tgt Ion: 152 Resp: 589808
 Ion Ratio Lower Upper
 152 100
 151 21.1 17.0 25.4
 153 13.6 11.0 16.4





#49

Dimethylphthalate

Concen: 35.60 ng

RT: 13.88 min Scan# 1905

Delta R.T. 0.00 min

Lab File: BG016113.D

Acq: 25 Mar 2015 21:26

Instrument :

BNA_G

ClientSampleId :

PB82319BS

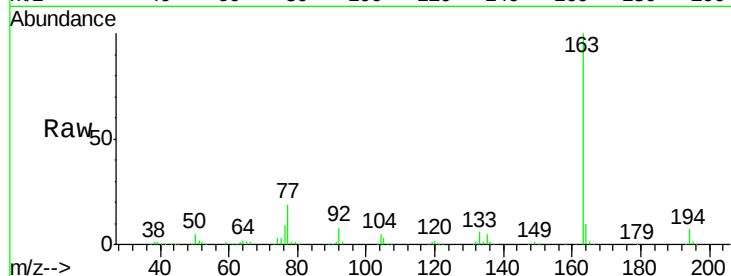
Tgt Ion:163 Resp: 425471

Ion Ratio Lower Upper

163 100

194 7.0 5.4 8.0

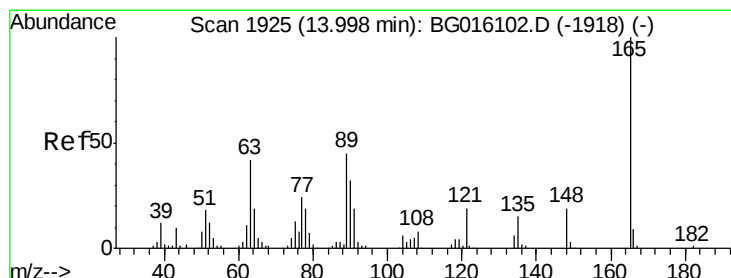
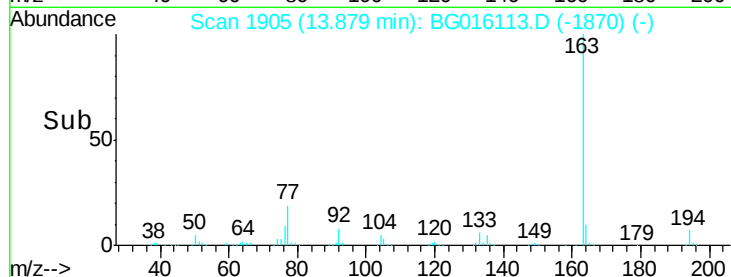
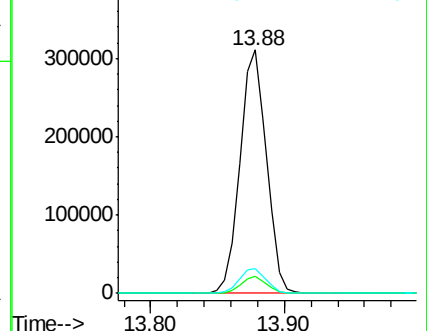
164 10.3 8.6 13.0



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: 36.61 ng

RT: 14.00 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG016113.D

Acq: 25 Mar 2015 21:26

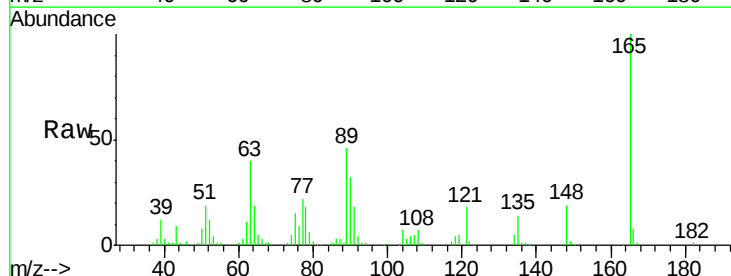
Tgt Ion:165 Resp: 103749

Ion Ratio Lower Upper

165 100

63 39.6 33.8 50.6

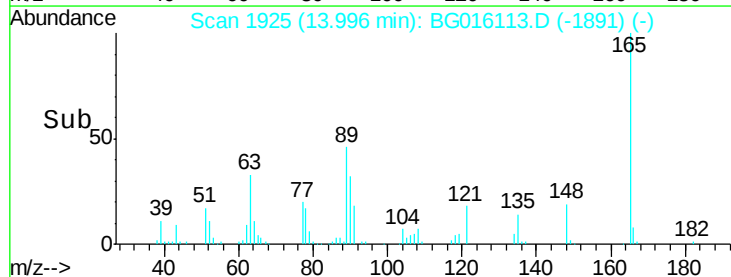
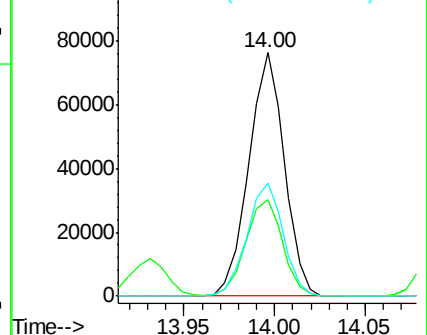
89 46.3 35.8 53.8

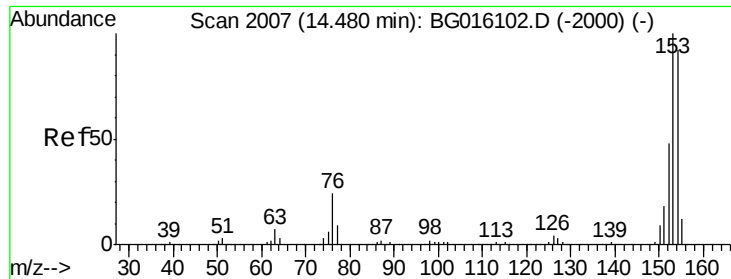


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 33.03 ng

RT: 14.48 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BG016113.D

Acq: 25 Mar 2015 21:26

Instrument :

BNA_G

ClientSampleId :

PB82319BS

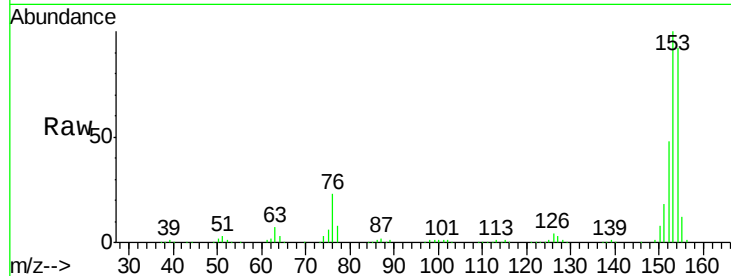
Tgt Ion:154 Resp: 354846

Ion Ratio Lower Upper

154 100

153 108.5 87.2 130.8

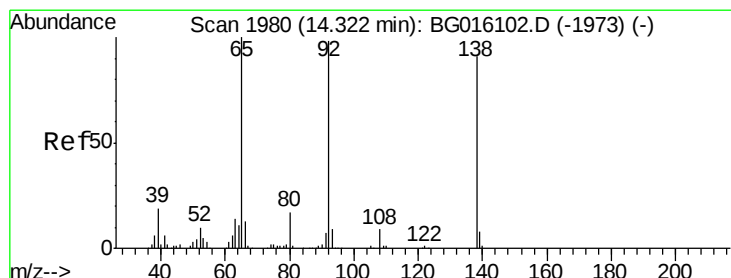
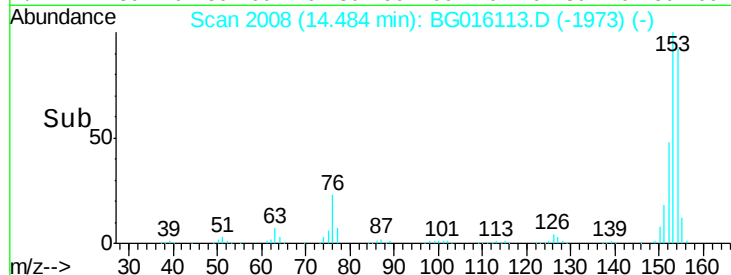
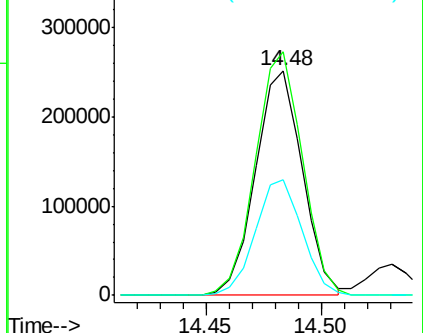
152 51.7 41.8 62.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 14.73 ng

RT: 14.32 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BG016113.D

Acq: 25 Mar 2015 21:26

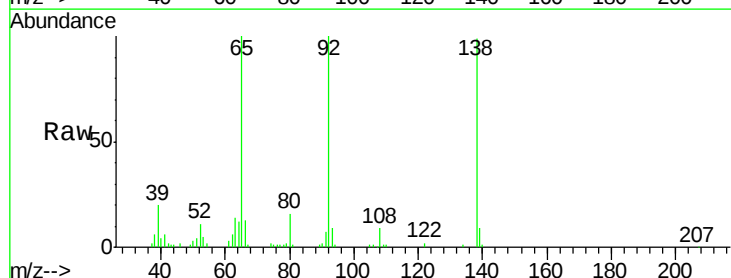
Tgt Ion:138 Resp: 51130

Ion Ratio Lower Upper

138 100

108 9.5 7.8 11.6

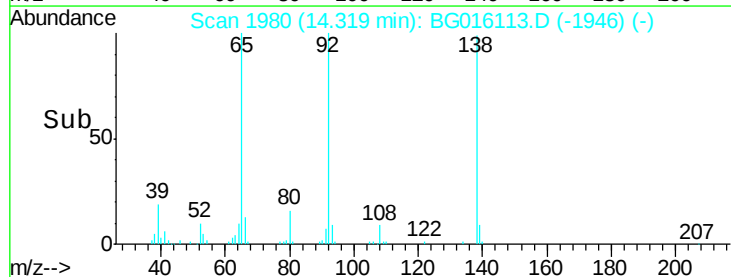
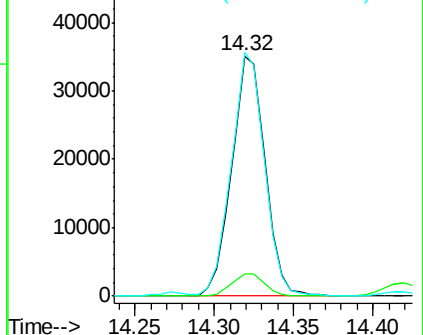
92 101.4 85.8 128.8

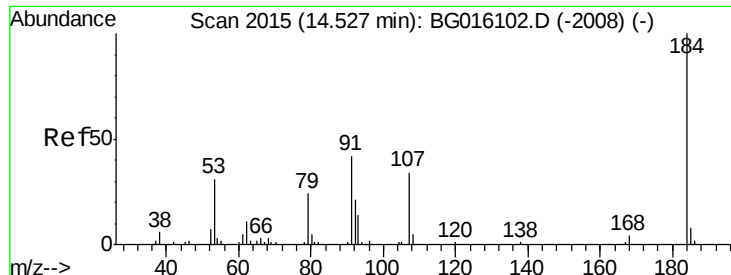


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGO

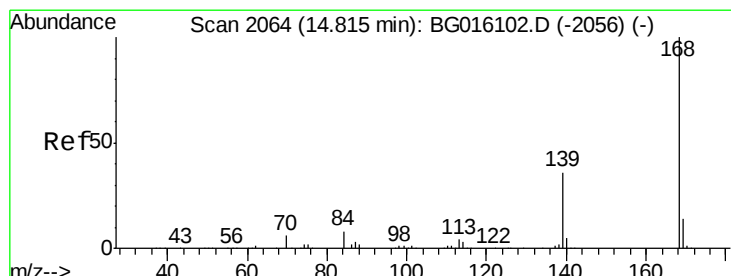
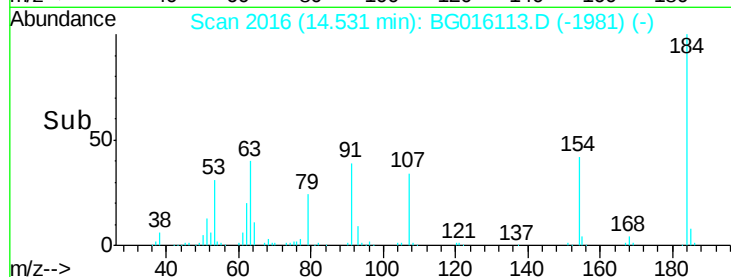
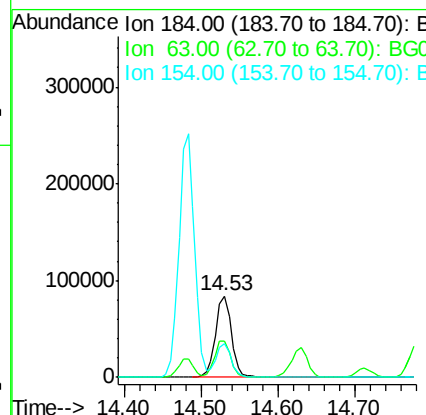
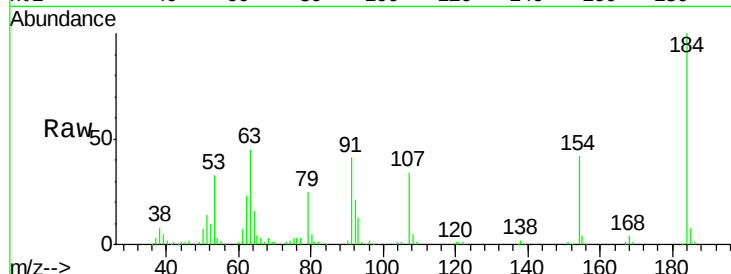




#53
2,4-Dinitrophenol
Concen: 70.53 ng
RT: 14.53 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BG016113.D
Acq: 25 Mar 2015 21:26

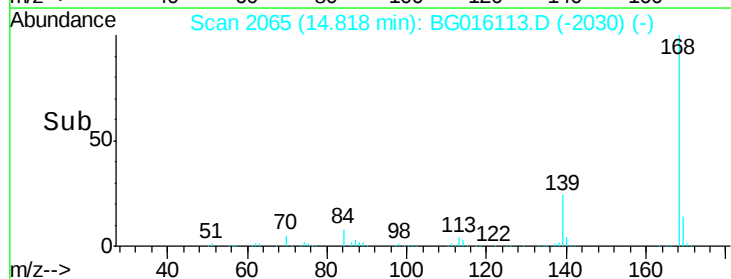
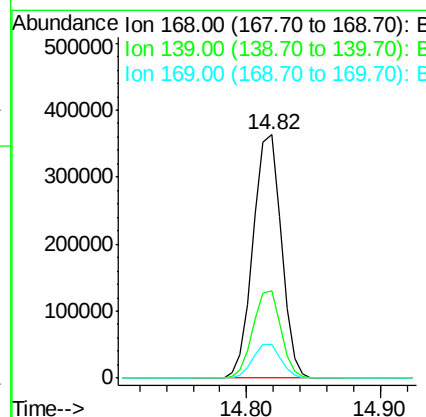
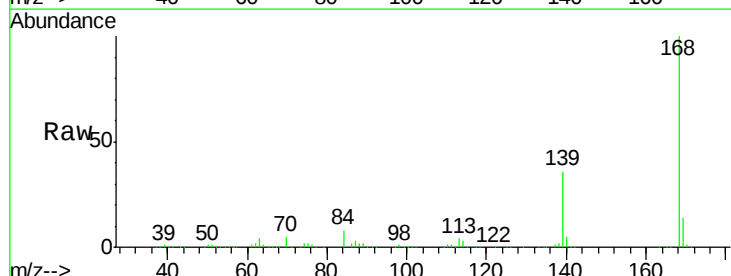
Instrument :
BNA_G
ClientSampleId :
PB82319BS

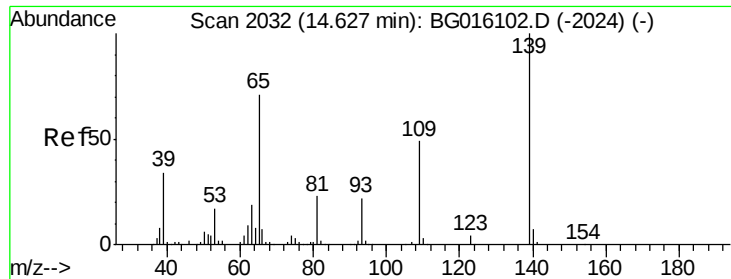
Tgt Ion:184 Resp: 120654
Ion Ratio Lower Upper
184 100
63 44.8 36.5 54.7
154 41.5 30.2 45.4



#54
Dibenzofuran
Concen: 35.18 ng
RT: 14.82 min Scan# 2065
Delta R.T. 0.00 min
Lab File: BG016113.D
Acq: 25 Mar 2015 21:26

Tgt Ion:168 Resp: 528168
Ion Ratio Lower Upper
168 100
139 35.9 29.0 43.4
169 13.9 11.1 16.7





#55

4-Nitrophenol

Concen: 77.46 ng

RT: 14.63 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BG016113.D

Acq: 25 Mar 2015 21:26

Instrument :

BNA_G

ClientSampleId :

PB82319BS

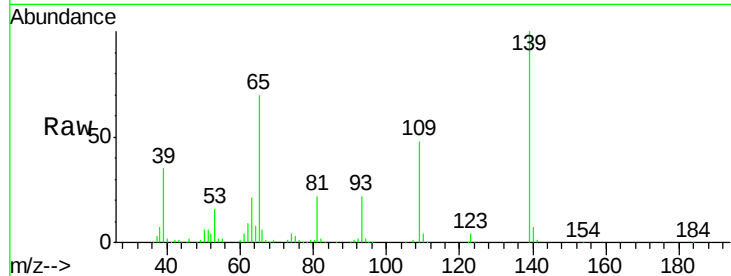
Tgt Ion:139 Resp: 217775

Ion Ratio Lower Upper

139 100

109 48.4 28.7 68.7

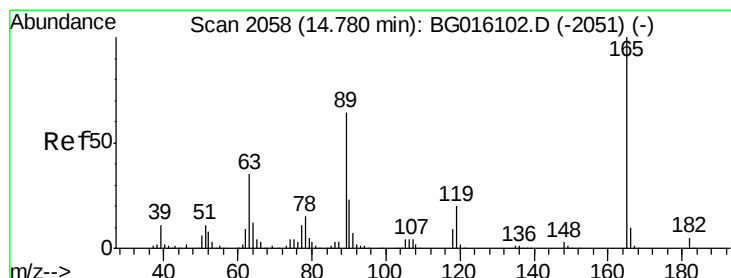
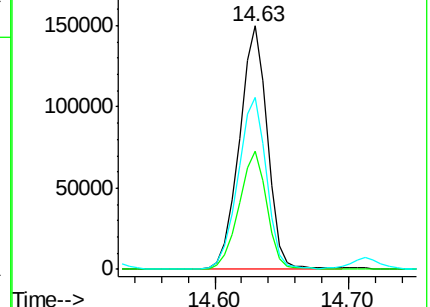
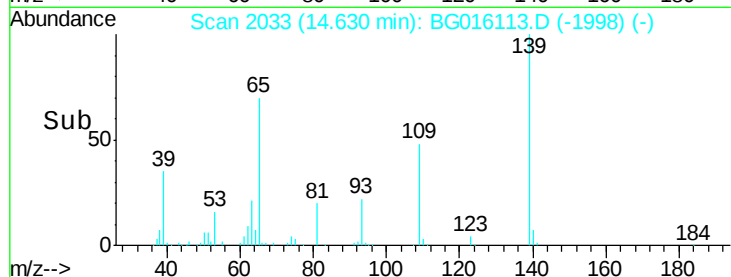
65 70.4 50.7 90.7



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 37.87 ng

RT: 14.78 min Scan# 2059

Delta R.T. 0.00 min

Lab File: BG016113.D

Acq: 25 Mar 2015 21:26

Tgt Ion:165 Resp: 147050

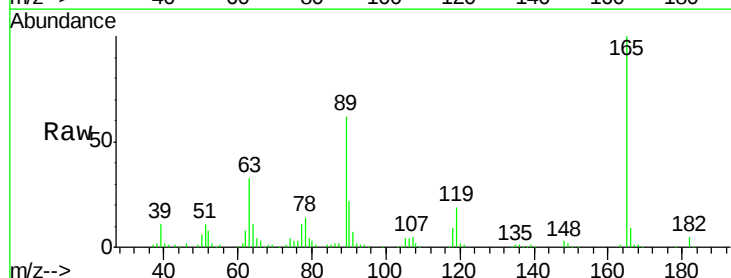
Ion Ratio Lower Upper

165 100

63 32.6 27.8 41.6

89 62.2 51.2 76.8

182 5.0 4.4 6.6

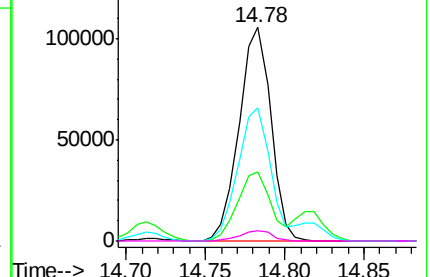
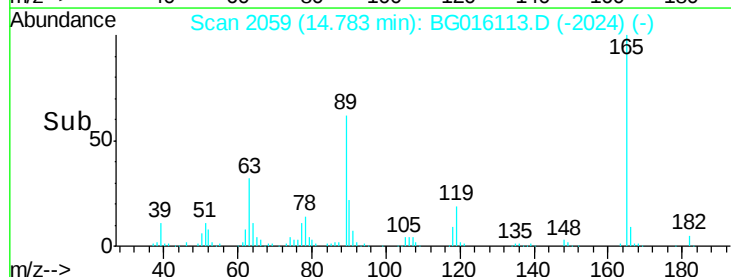


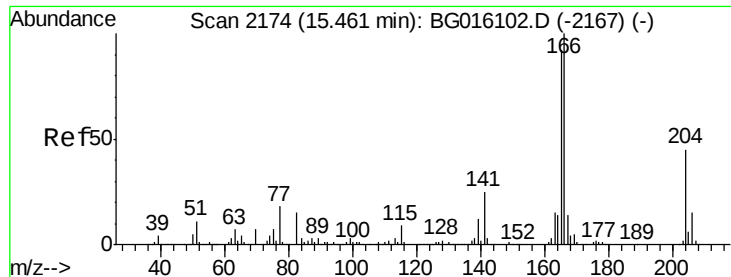
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

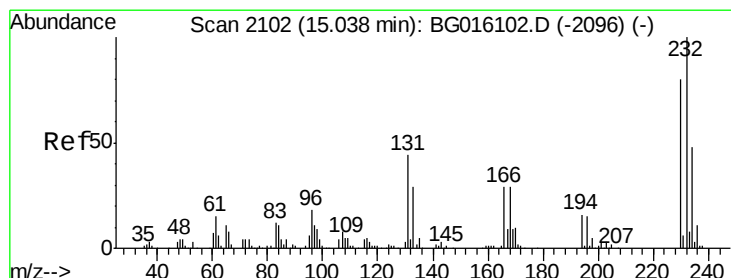
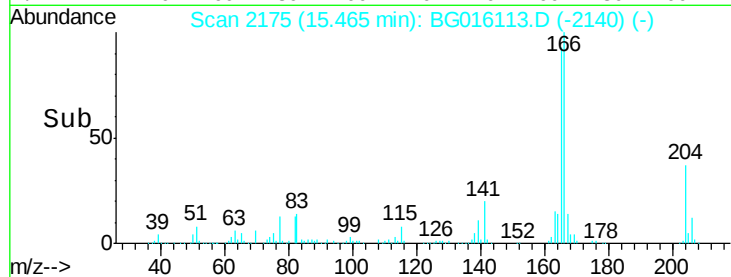
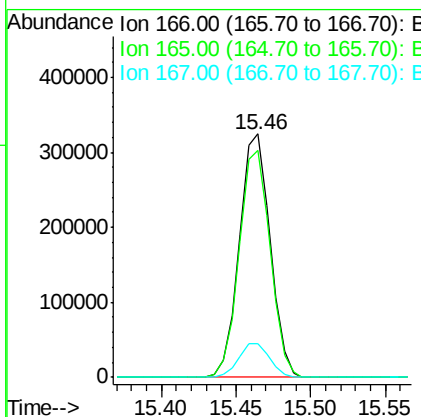
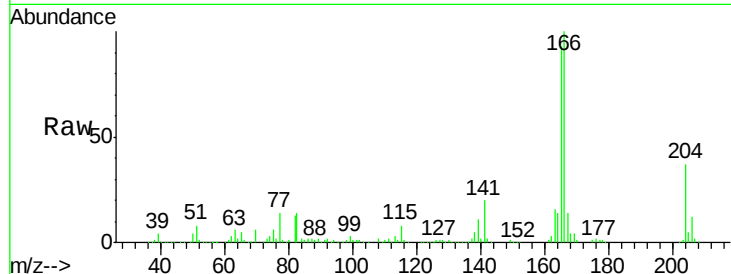




#57
Fluorene
 Concen: 34.59 ng
 RT: 15.46 min Scan# 2175
 Delta R.T. 0.00 min
 Lab File: BG016113.D
 Acq: 25 Mar 2015 21:26

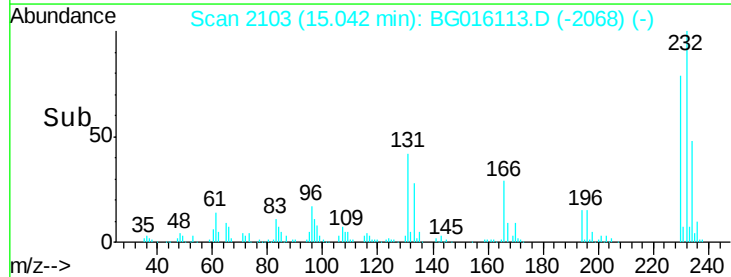
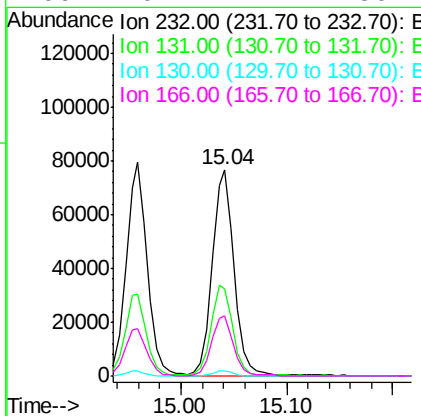
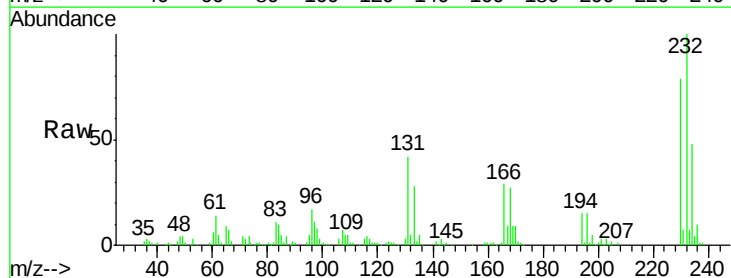
Instrument :
 BNA_G
 ClientSampleId :
 PB82319BS

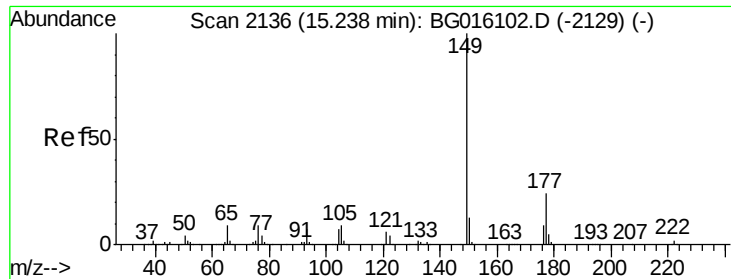
Tgt Ion:166 Resp: 463385
 Ion Ratio Lower Upper
 166 100
 165 93.1 73.9 110.9
 167 13.6 11.3 16.9



#58
2,3,4,6-Tetrachlorophenol
 Concen: 37.41 ng
 RT: 15.04 min Scan# 2103
 Delta R.T. 0.00 min
 Lab File: BG016113.D
 Acq: 25 Mar 2015 21:26

Tgt Ion:232 Resp: 111493
 Ion Ratio Lower Upper
 232 100
 131 44.3 36.0 54.0
 130 2.4 1.9 2.9
 166 29.7 24.1 36.1

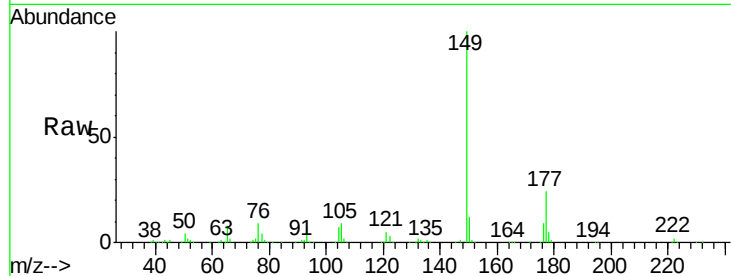




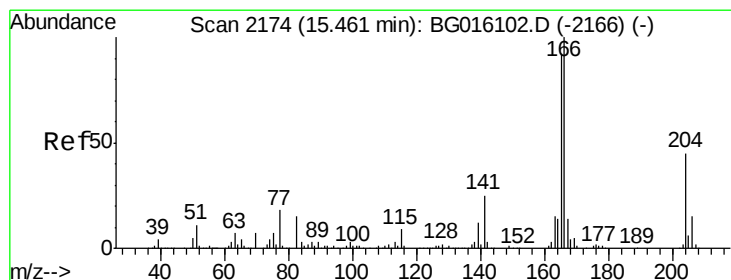
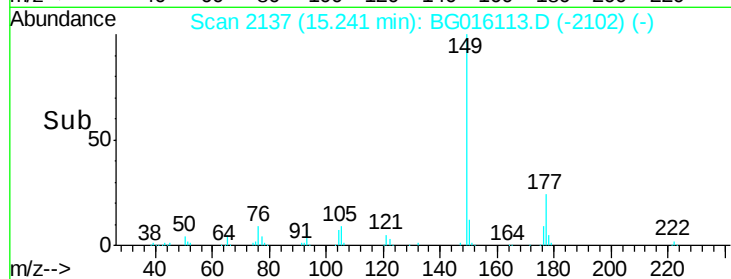
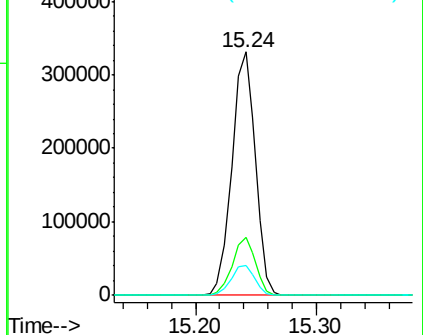
#59
Diethylphthalate
Concen: 36.35 ng
RT: 15.24 min Scan# 2137
Delta R.T. 0.00 min
Lab File: BG016113.D
Acq: 25 Mar 2015 21:26

Instrument :
BNA_G
ClientSampleId :
PB82319BS

Tgt Ion:149 Resp: 446625
Ion Ratio Lower Upper
149 100
177 23.7 19.5 29.3
150 12.0 10.1 15.1

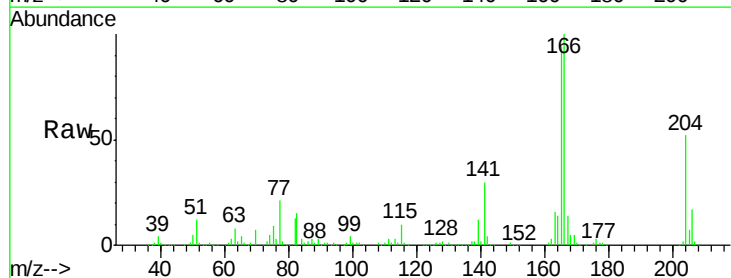


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

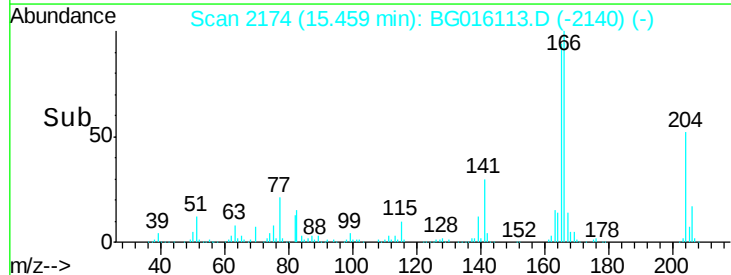
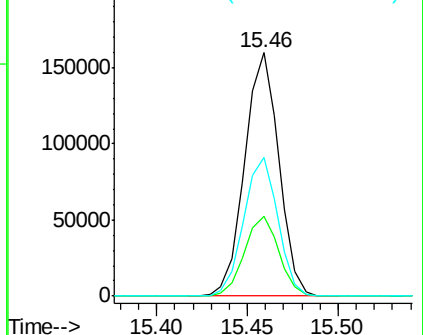


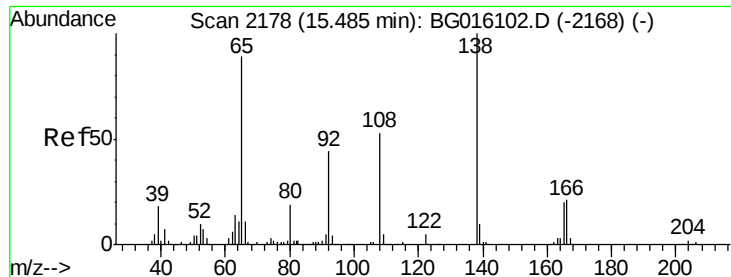
#60
4-Chlorophenyl-phenylether
Concen: 35.62 ng
RT: 15.46 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BG016113.D
Acq: 25 Mar 2015 21:26

Tgt Ion:204 Resp: 209881
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 57.2 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

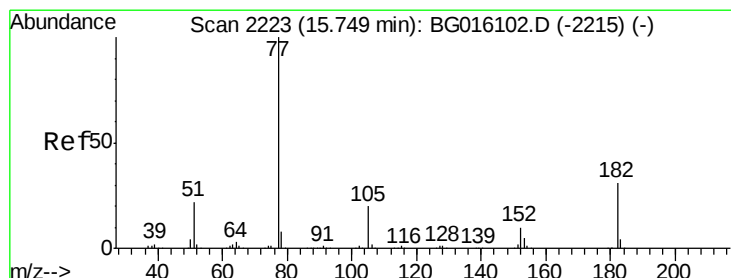
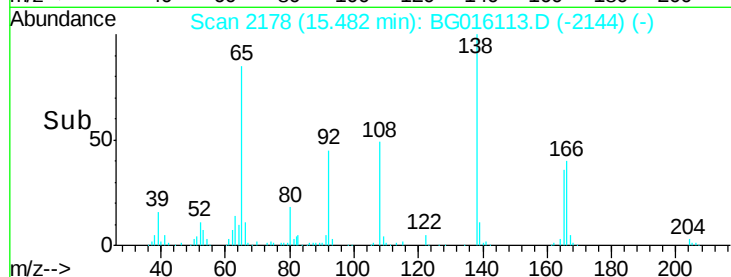
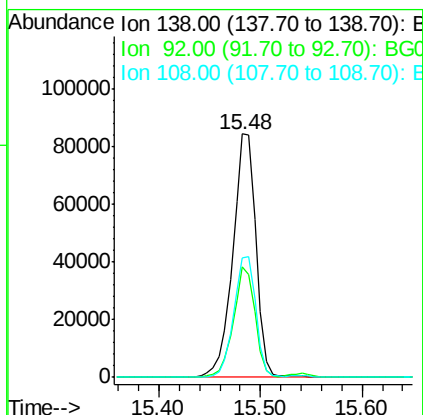
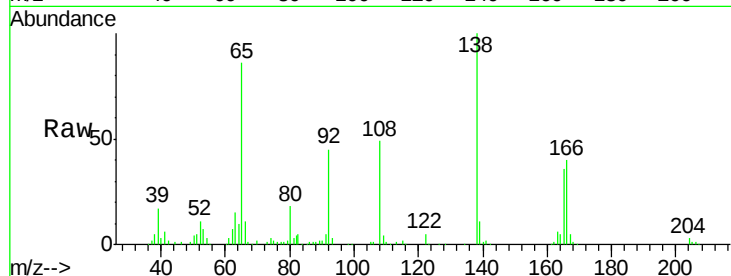




#61
4-Nitroaniline
Concen: 34.13 ng
RT: 15.48 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BG016113.D
Acq: 25 Mar 2015 21:26

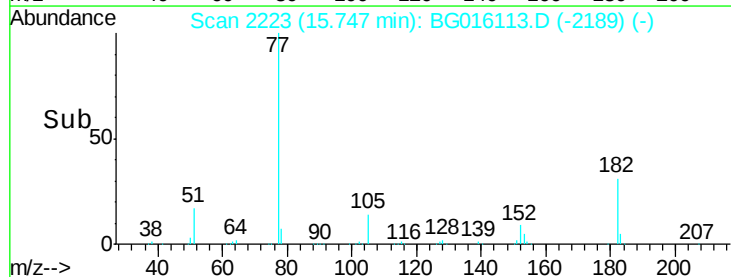
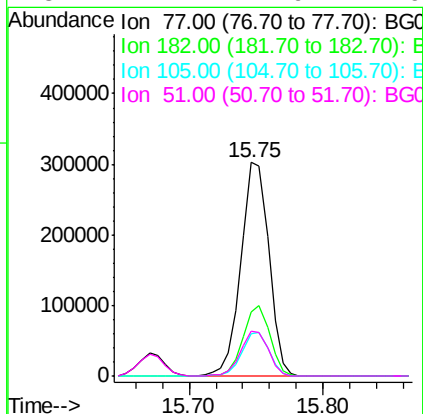
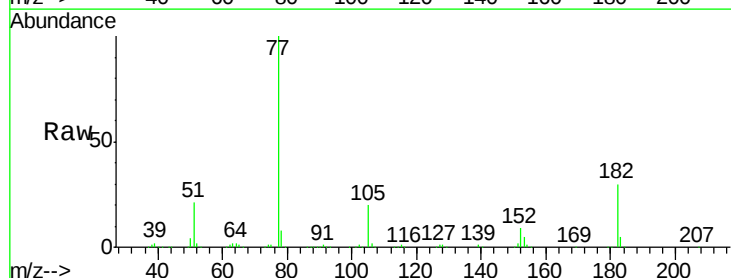
Instrument :
BNA_G
ClientSampled :
PB82319BS

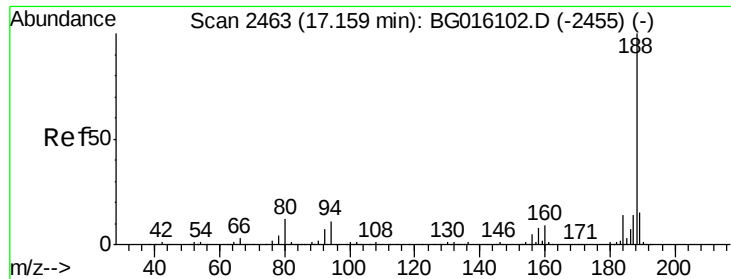
Tgt Ion: 138 Resp: 134018
Ion Ratio Lower Upper
138 100
92 45.2 24.2 64.2
108 49.2 32.7 72.7



#62
Azobenzene
Concen: 34.63 ng
RT: 15.75 min Scan# 2223
Delta R.T. -0.00 min
Lab File: BG016113.D
Acq: 25 Mar 2015 21:26

Tgt Ion: 77 Resp: 438278
Ion Ratio Lower Upper
77 100
182 30.2 10.9 50.9
105 19.7 0.0 40.0
51 21.1 1.9 41.9

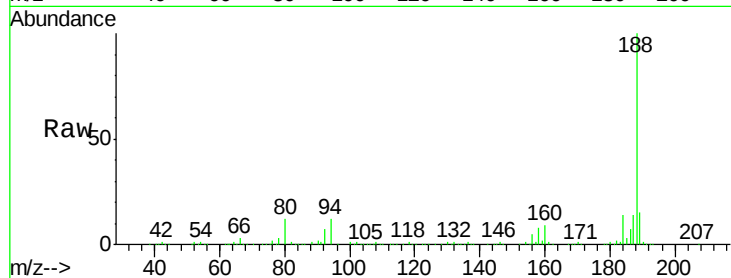




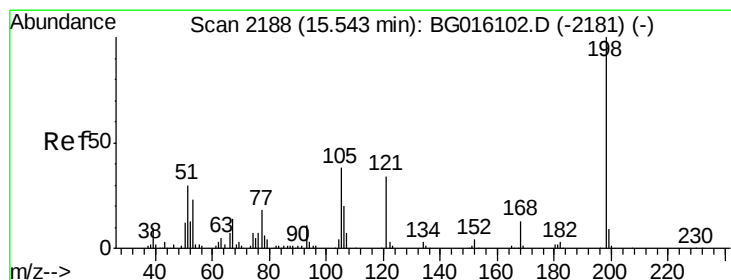
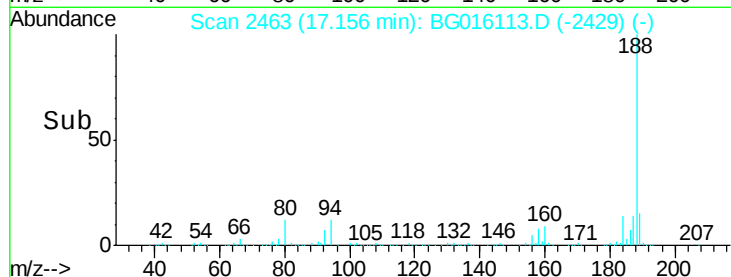
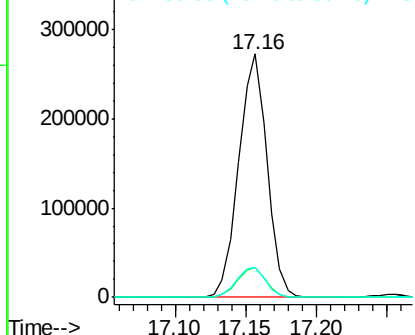
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.16 min Scan# 2463
Delta R.T. -0.00 min
Lab File: BG016113.D
Acq: 25 Mar 2015 21:26

Instrument :
BNA_G
ClientSampleId :
PB82319BS

Tgt Ion:188 Resp: 381672
Ion Ratio Lower Upper
188 100
94 12.0 9.1 13.7
80 12.1 9.8 14.8

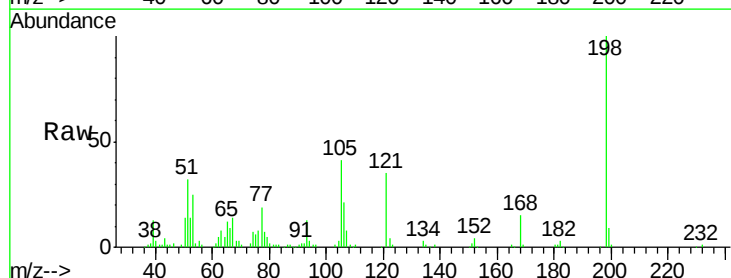


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

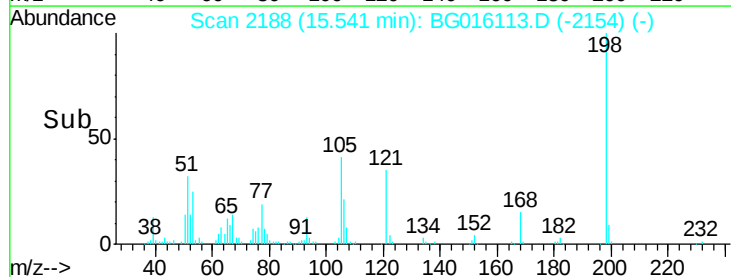
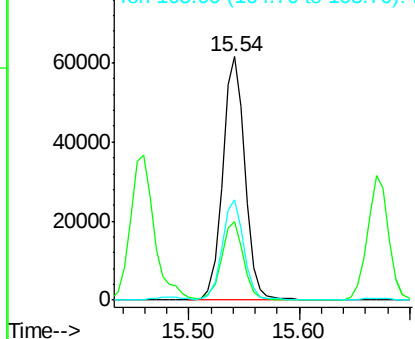


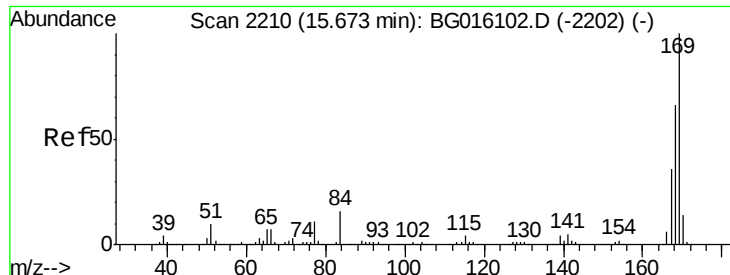
#64
4,6-Dinitro-2-methylphenol
Concen: 33.18 ng
RT: 15.54 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BG016113.D
Acq: 25 Mar 2015 21:26

Tgt Ion:198 Resp: 86394
Ion Ratio Lower Upper
198 100
51 32.1 10.7 50.7
105 40.9 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

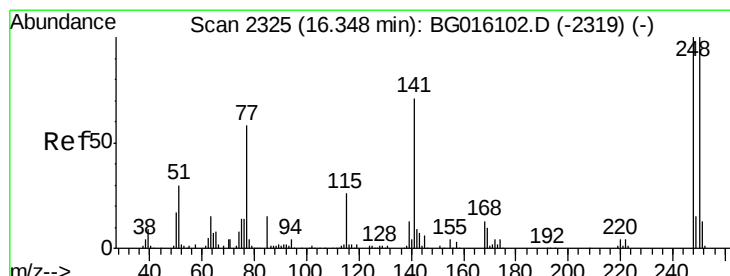
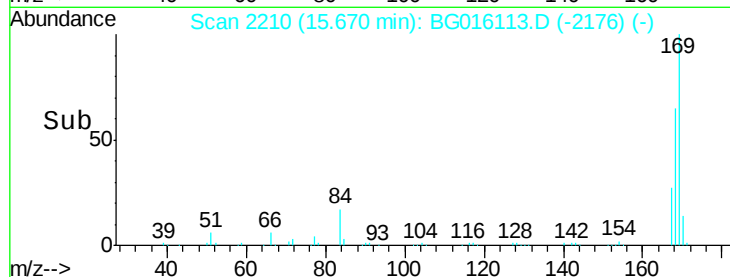
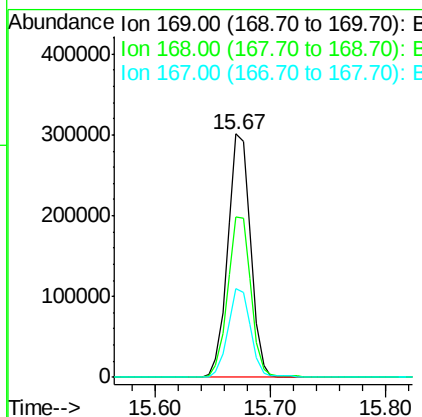
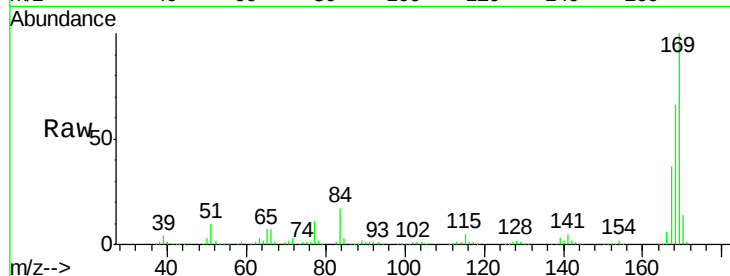




#65
 n-Nitrosodiphenylamine
 Concen: 33.74 ng
 RT: 15.67 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: BG016113.D
 Acq: 25 Mar 2015 21:26

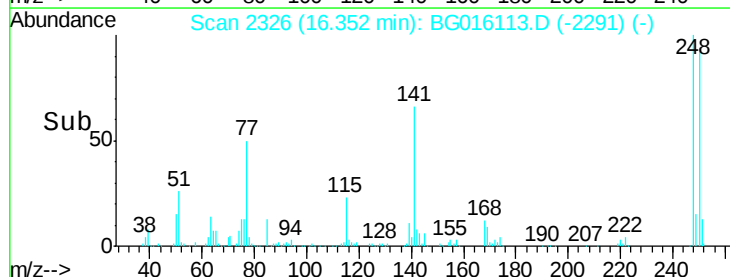
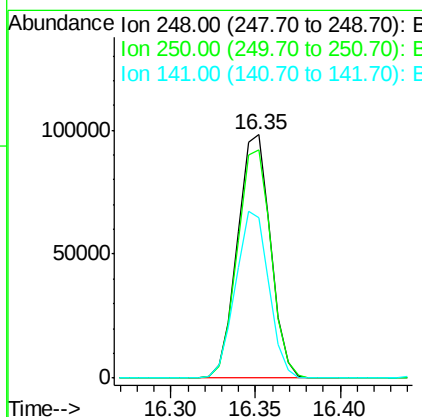
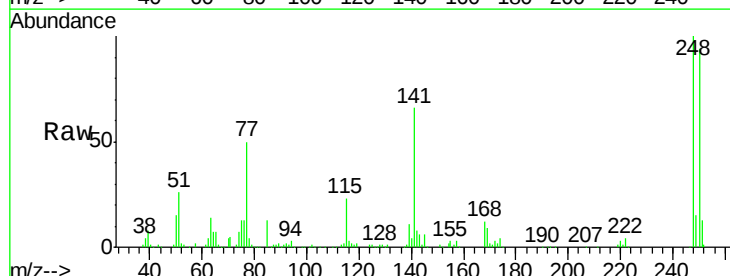
Instrument :
 BNA_G
 ClientSampleId :
 PB82319BS

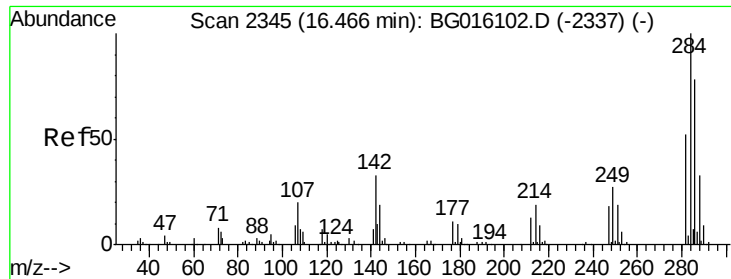
Tgt Ion:169 Resp: 410603
 Ion Ratio Lower Upper
 169 100
 168 66.1 53.0 79.4
 167 36.5 29.0 43.4



#66
 4-Bromophenyl-phenylether
 Concen: 34.13 ng
 RT: 16.35 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: BG016113.D
 Acq: 25 Mar 2015 21:26

Tgt Ion:248 Resp: 133659
 Ion Ratio Lower Upper
 248 100
 250 93.9 80.2 120.2
 141 65.9 57.0 85.4

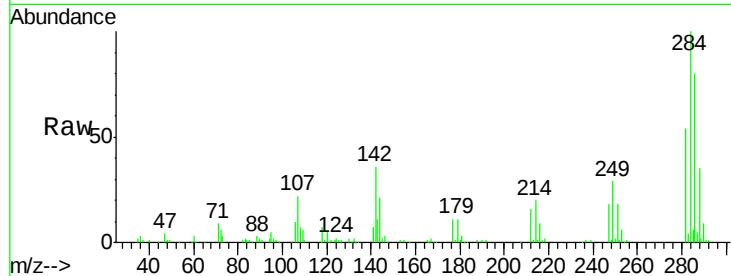




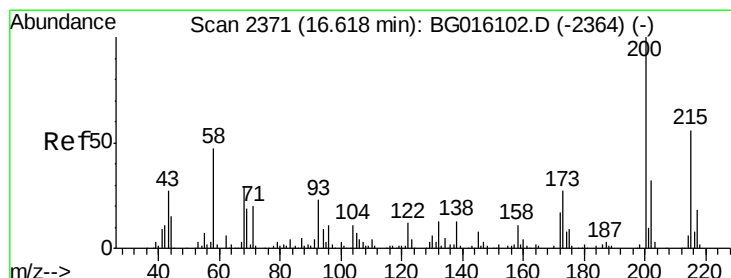
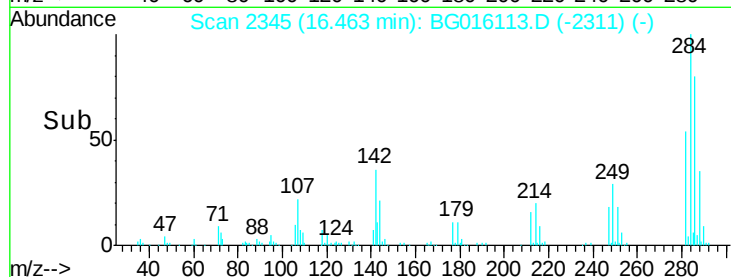
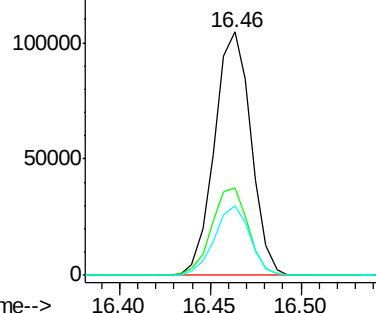
#67
Hexachlorobenzene
Concen: 33.34 ng
RT: 16.46 min Scan# 2345
Delta R.T. -0.00 min
Lab File: BG016113.D
Acq: 25 Mar 2015 21:26

Instrument :
BNA_G
ClientSampleId :
PB82319BS

Tgt Ion:284 Resp: 146726
Ion Ratio Lower Upper
284 100
142 36.0 26.7 40.1
249 28.5 21.8 32.8

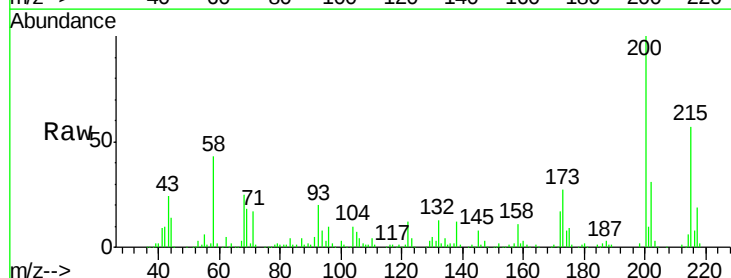


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

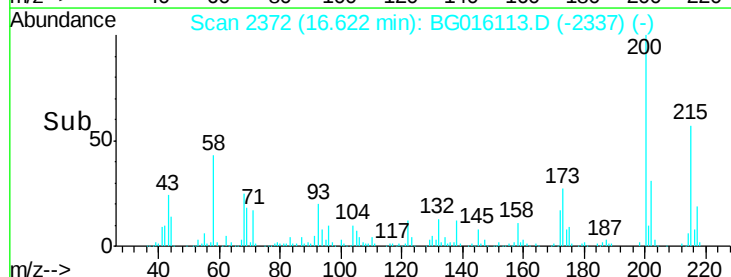
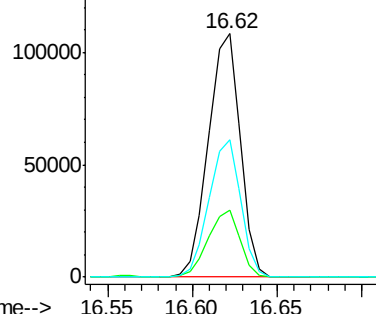


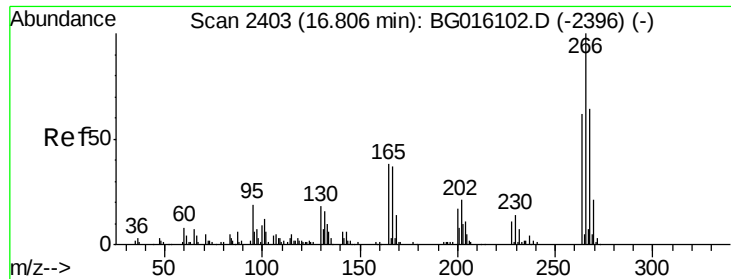
#68
Atrazine
Concen: 39.38 ng
RT: 16.62 min Scan# 2372
Delta R.T. 0.00 min
Lab File: BG016113.D
Acq: 25 Mar 2015 21:26

Tgt Ion:200 Resp: 142610
Ion Ratio Lower Upper
200 100
173 27.3 7.5 47.5
215 56.5 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

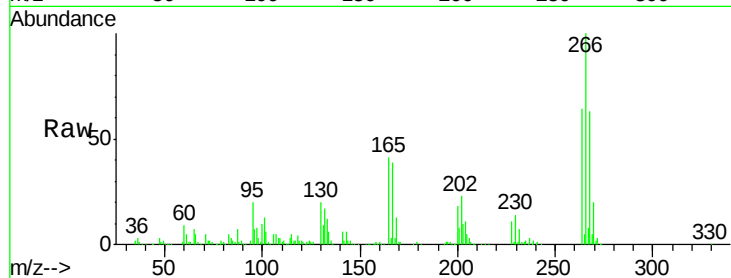




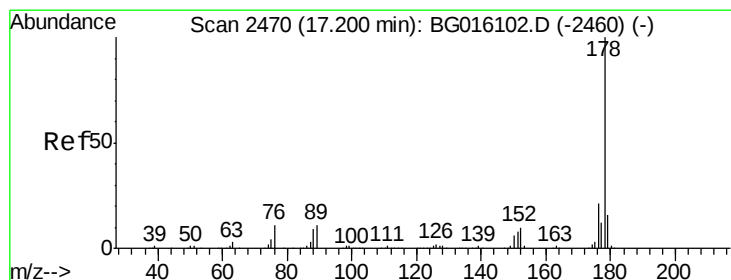
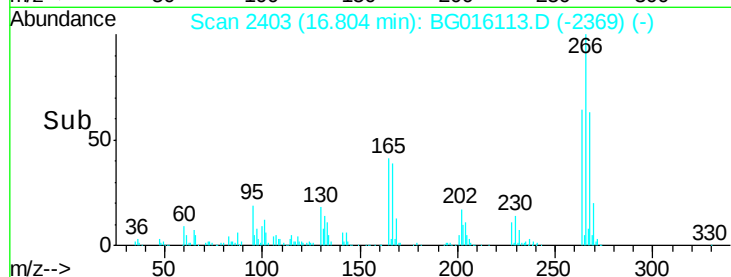
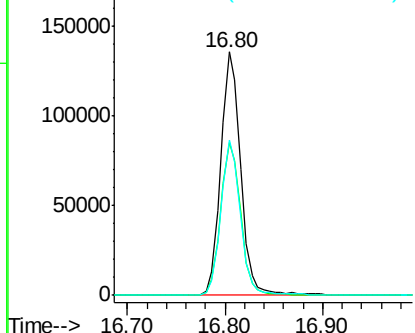
#69
 Pentachlorophenol
 Concen: 76.78 ng
 RT: 16.80 min Scan# 2403
 Delta R.T. -0.00 min
 Lab File: BG016113.D
 Acq: 25 Mar 2015 21:26

Instrument :
 BNA_G
 ClientSampleId :
 PB82319BS

Tgt Ion:266 Resp: 192720
 Ion Ratio Lower Upper
 266 100
 268 62.9 51.5 77.3
 264 63.9 49.8 74.6

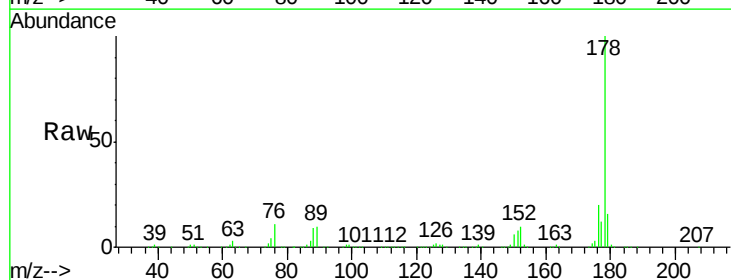


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

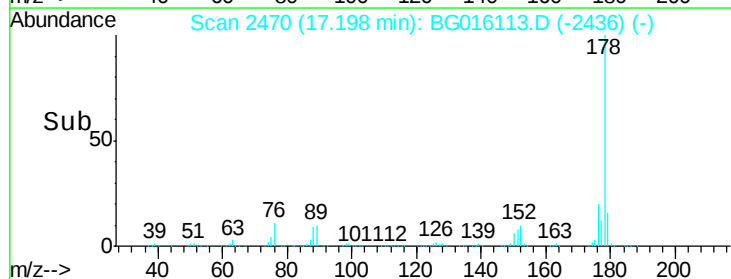
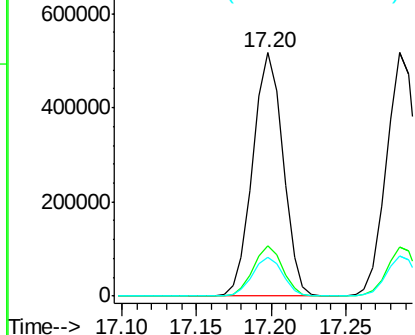


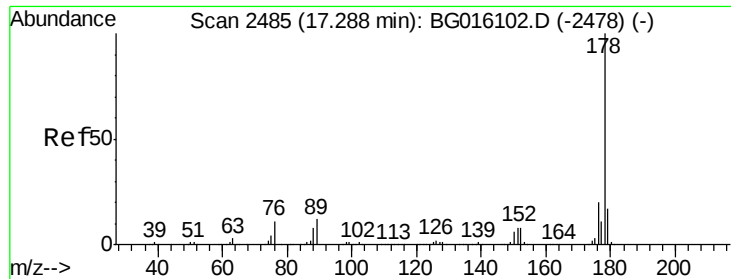
#70
 Phenanthrene
 Concen: 33.83 ng
 RT: 17.20 min Scan# 2470
 Delta R.T. -0.00 min
 Lab File: BG016113.D
 Acq: 25 Mar 2015 21:26

Tgt Ion:178 Resp: 724547
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.5 24.7
 179 16.2 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

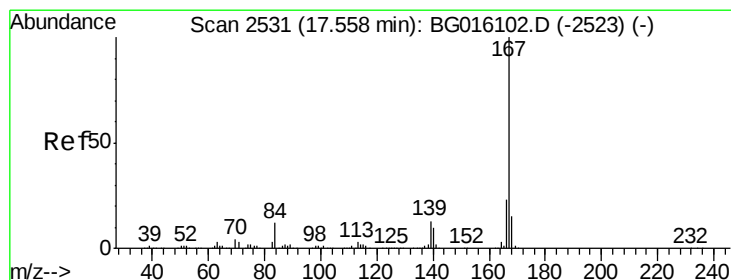
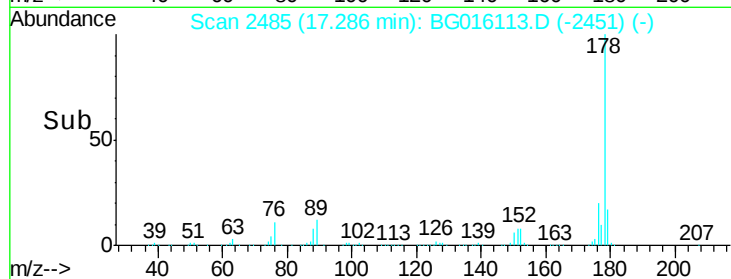
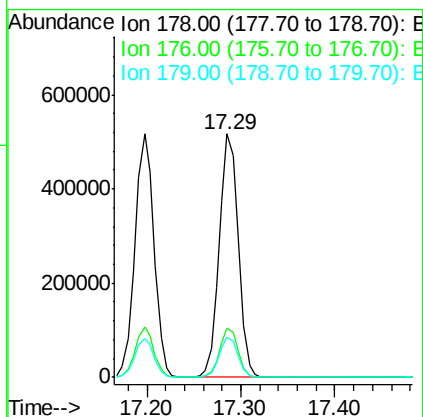
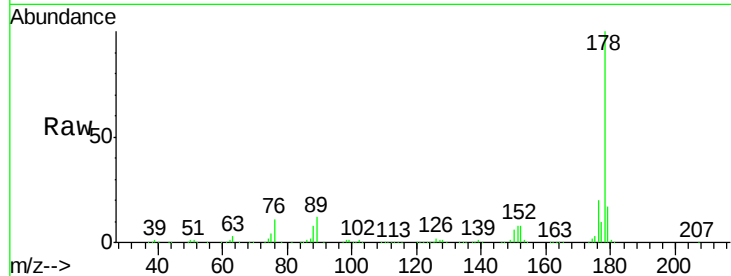




#71
 Anthracene
 Concen: 34.34 ng
 RT: 17.29 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BG016113.D
 Acq: 25 Mar 2015 21:26

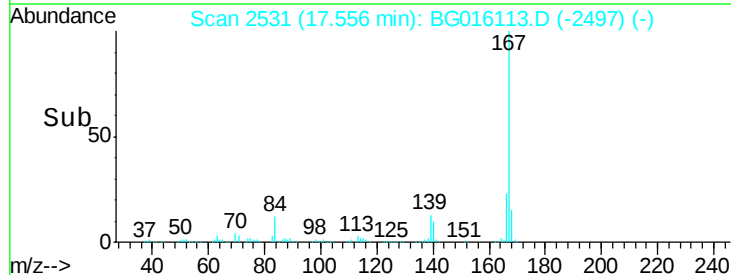
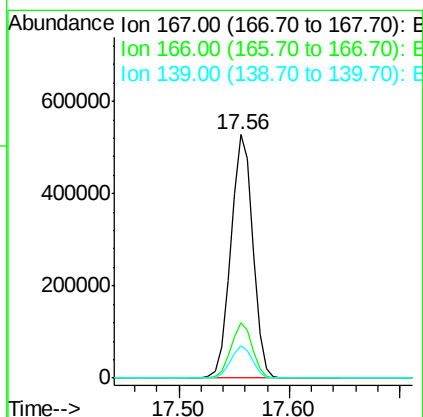
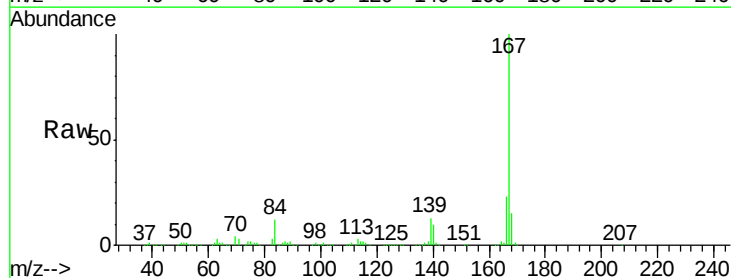
Instrument :
 BNA_G
 ClientSampleId :
 PB82319BS

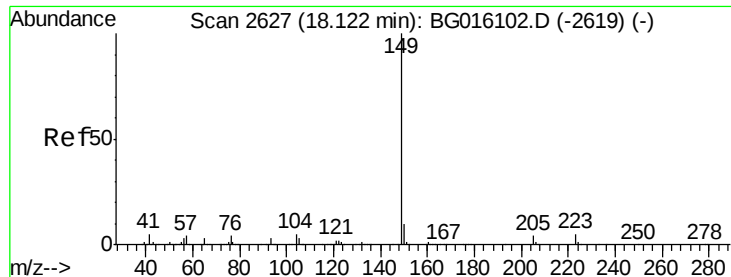
Tgt Ion:178 Resp: 731380
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.6 23.4
 179 16.5 13.3 19.9



#72
 Carbazole
 Concen: 35.29 ng
 RT: 17.56 min Scan# 2531
 Delta R.T. -0.00 min
 Lab File: BG016113.D
 Acq: 25 Mar 2015 21:26

Tgt Ion:167 Resp: 737703
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.2 27.2
 139 13.4 10.7 16.1





#73

Di-n-butylphthalate

Concen: 36.30 ng

RT: 18.12 min Scan# 2627

Delta R.T. -0.00 min

Lab File: BG016113.D

Acq: 25 Mar 2015 21:26

Instrument :

BNA_G

ClientSampleId :

PB82319BS

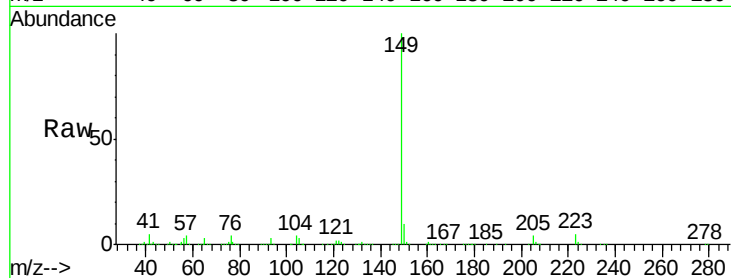
Tgt Ion:149 Resp: 857954

Ion Ratio Lower Upper

149 100

150 10.2 8.0 12.0

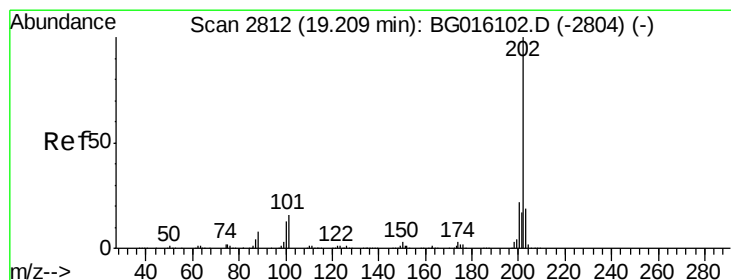
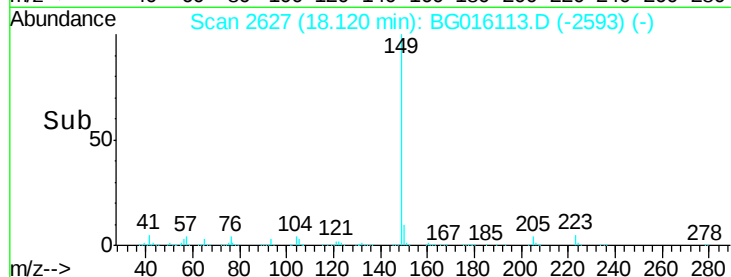
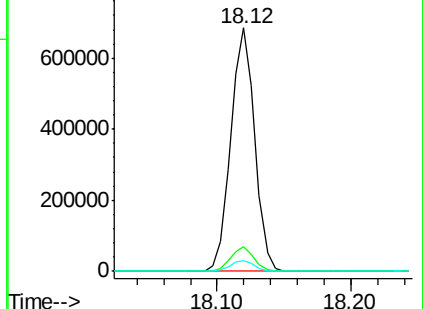
104 4.5 3.8 5.6



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: 35.56 ng

RT: 19.21 min Scan# 2812

Delta R.T. -0.00 min

Lab File: BG016113.D

Acq: 25 Mar 2015 21:26

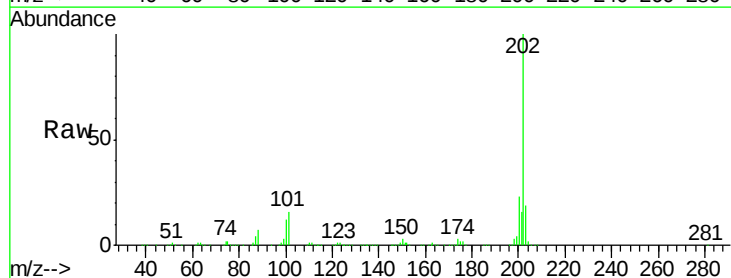
Tgt Ion:202 Resp: 848298

Ion Ratio Lower Upper

202 100

101 16.4 0.0 35.9

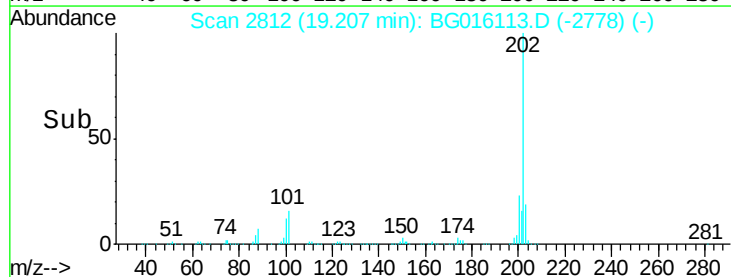
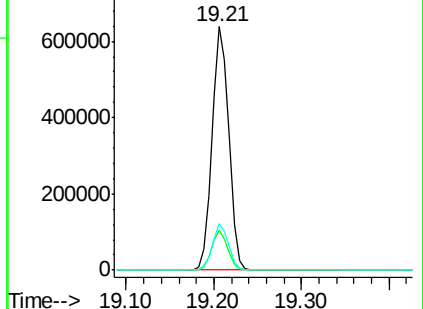
203 19.0 0.0 38.7

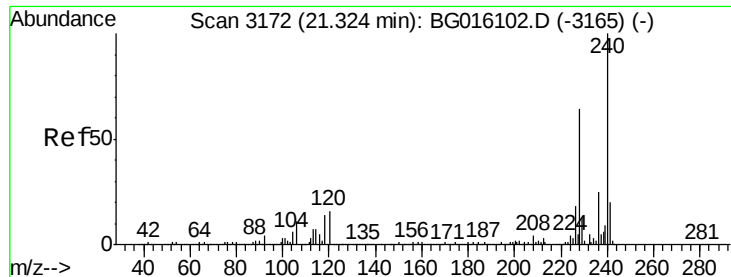


Abundance Ion 202.00 (201.70 to 202.70): E

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: BG016113.D

Acq: 25 Mar 2015 21:26

Instrument :

BNA_G

ClientSampleId :

PB82319BS

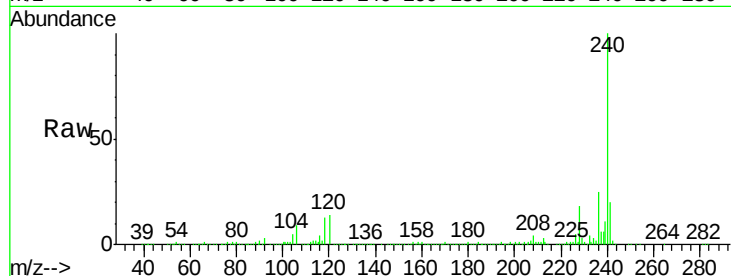
Tgt Ion:240 Resp: 417571

Ion Ratio Lower Upper

240 100

120 14.5 13.0 19.4

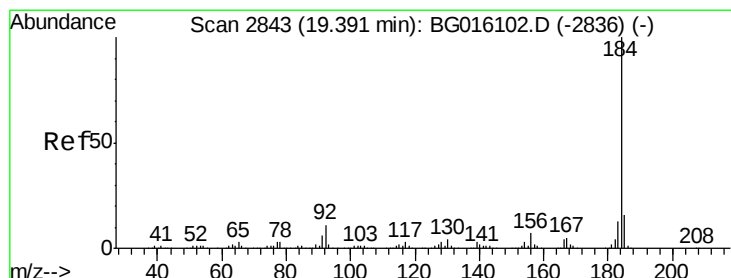
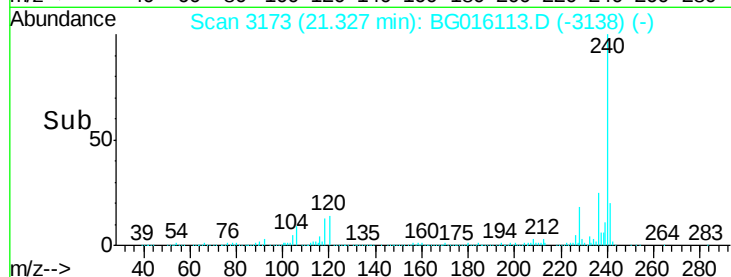
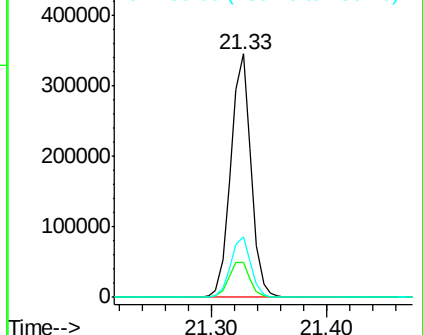
236 25.1 20.2 30.2



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: 18.11 ng

RT: 19.39 min Scan# 2844

Delta R.T. 0.00 min

Lab File: BG016113.D

Acq: 25 Mar 2015 21:26

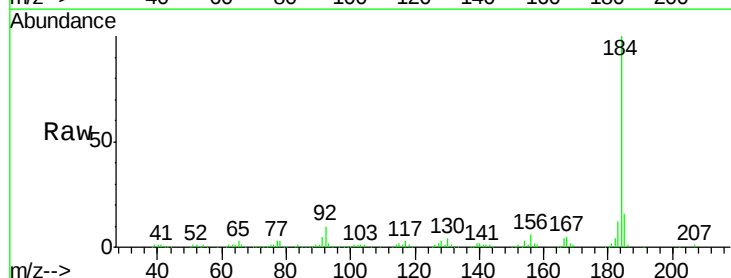
Tgt Ion:184 Resp: 198097

Ion Ratio Lower Upper

184 100

185 15.9 12.6 18.8

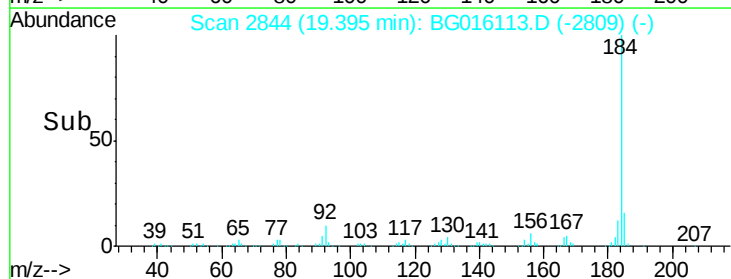
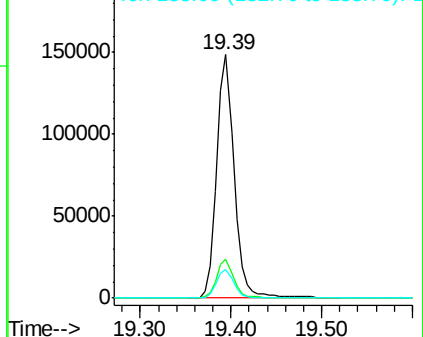
183 11.8 10.2 15.4

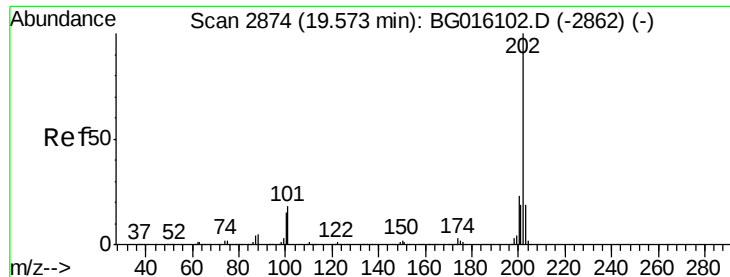


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 34.32 ng

RT: 19.57 min Scan# 2874

Delta R.T. -0.00 min

Lab File: BG016113.D

Acq: 25 Mar 2015 21:26

Instrument :

BNA_G

ClientSampleId :

PB82319BS

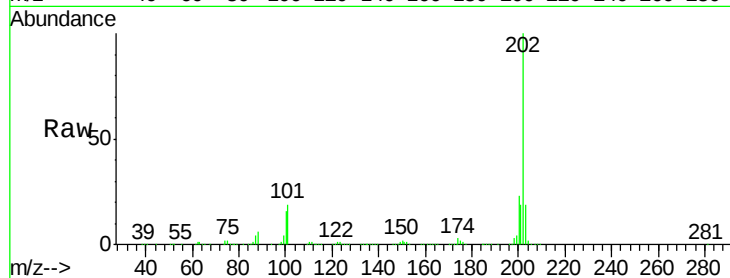
Tgt Ion:202 Resp: 883614

Ion Ratio Lower Upper

202 100

200 22.9 18.4 27.6

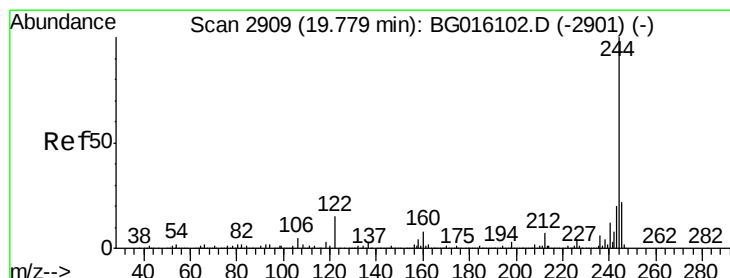
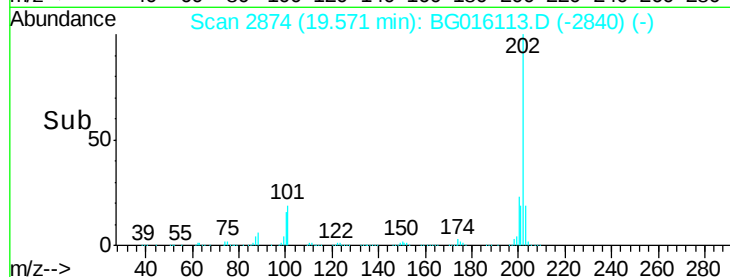
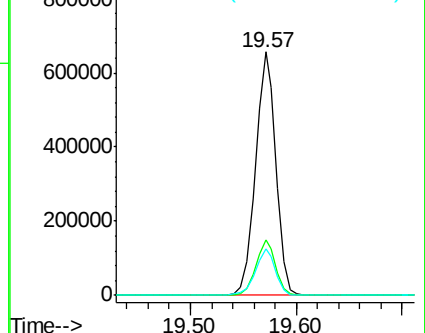
203 19.0 15.4 23.0



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: 76.99 ng

RT: 19.78 min Scan# 2909

Delta R.T. -0.00 min

Lab File: BG016113.D

Acq: 25 Mar 2015 21:26

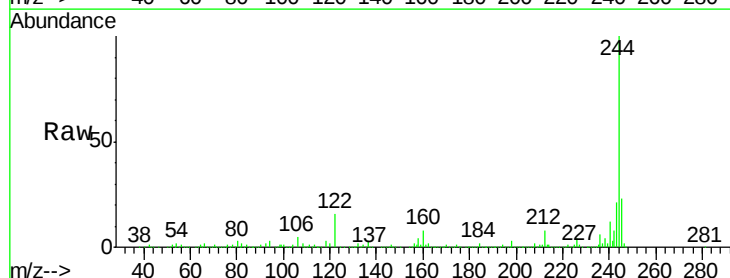
Tgt Ion:244 Resp: 1204135

Ion Ratio Lower Upper

244 100

212 8.0 5.9 8.9

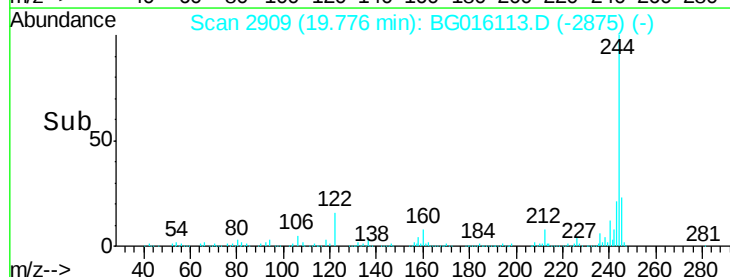
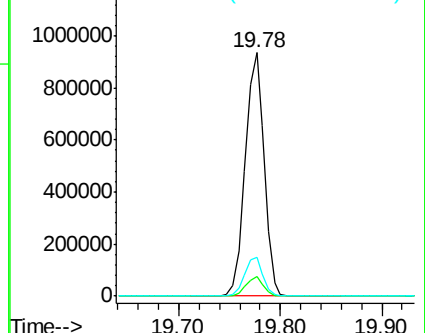
122 16.0 12.2 18.2

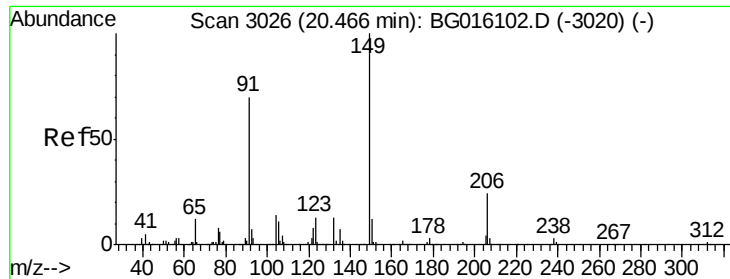


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

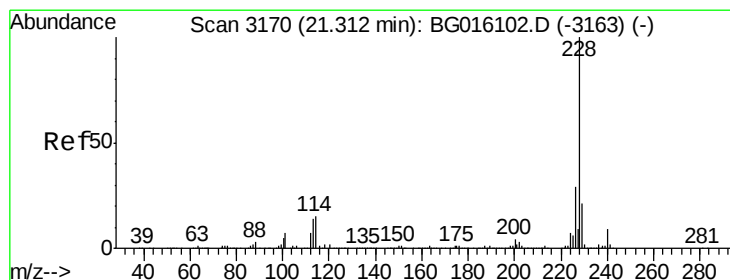
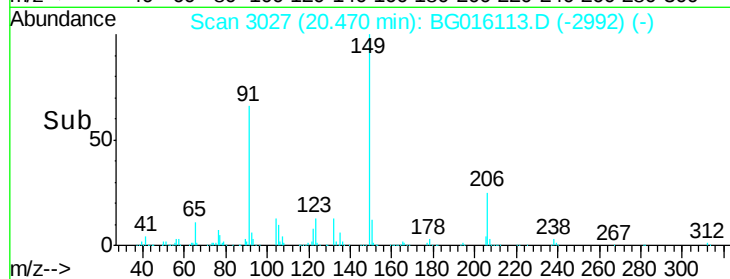
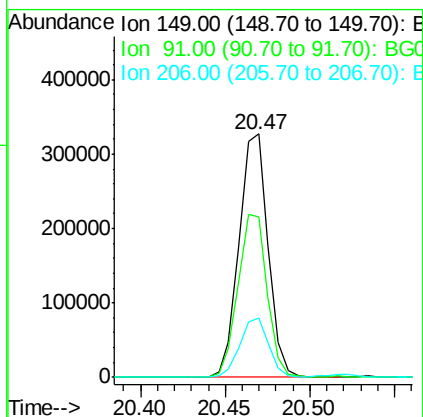
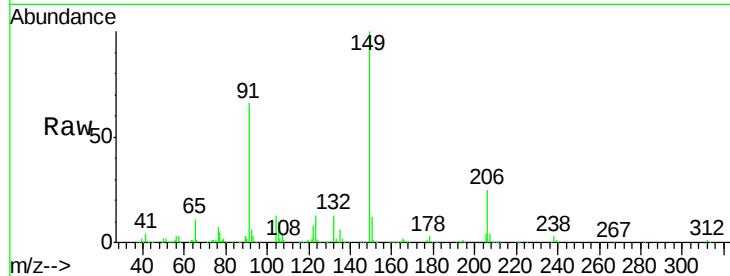




#79
Butylbenzylphthalate
Concen: 36.55 ng
RT: 20.47 min Scan# 3027
Delta R.T. 0.00 min
Lab File: BG016113.D
Acq: 25 Mar 2015 21:26

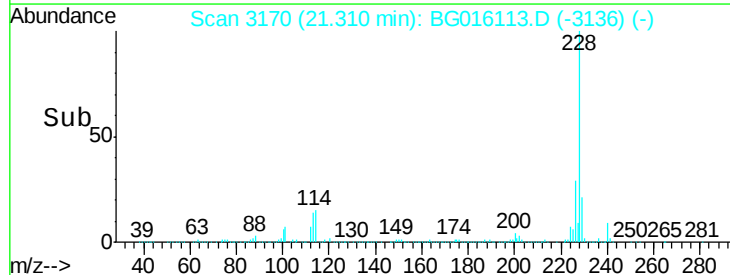
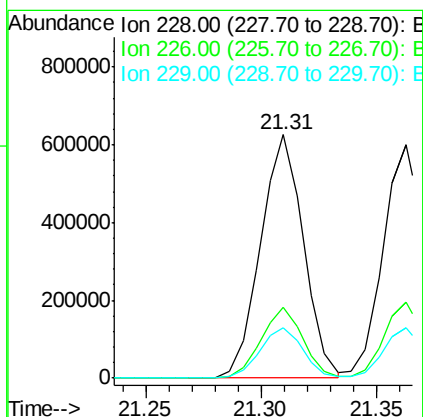
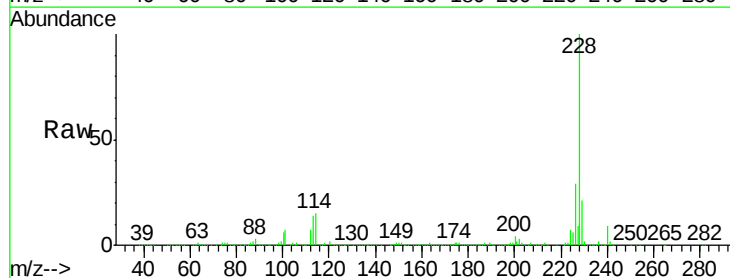
Instrument :
BNA_G
ClientSampleId :
PB82319BS

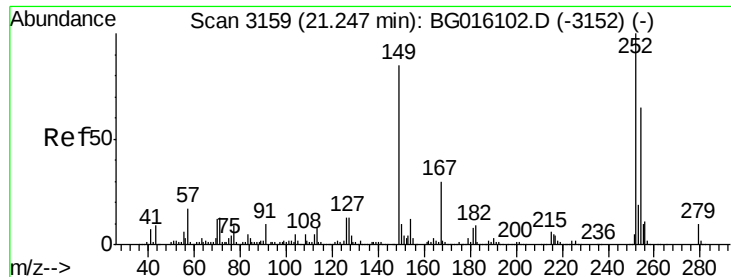
Tgt Ion:149 Resp: 392528
Ion Ratio Lower Upper
149 100
91 65.9 55.8 83.6
206 24.5 19.1 28.7



#80
Benzo(a)anthracene
Concen: 34.06 ng
RT: 21.31 min Scan# 3170
Delta R.T. -0.00 min
Lab File: BG016113.D
Acq: 25 Mar 2015 21:26

Tgt Ion:228 Resp: 806569
Ion Ratio Lower Upper
228 100
226 29.1 23.0 34.4
229 20.9 16.8 25.2

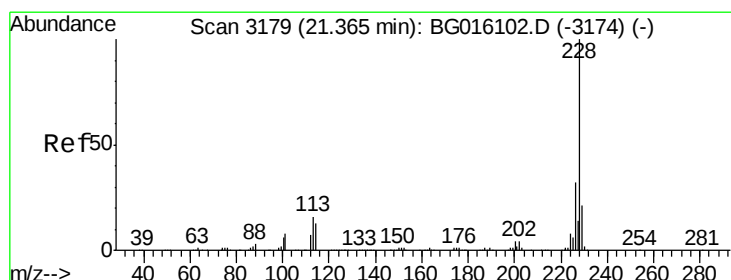
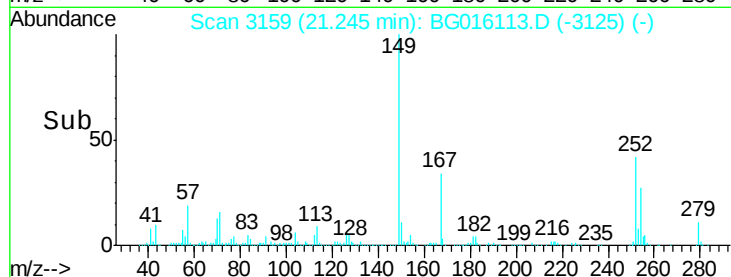
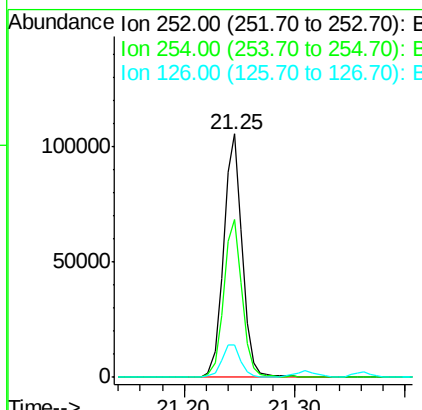
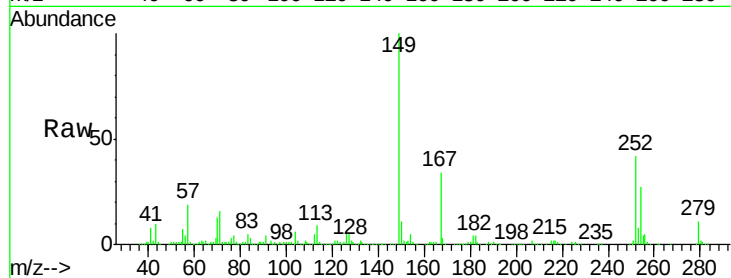




#81
 3,3'-Dichlorobenzidine
 Concen: 15.14 ng
 RT: 21.25 min Scan# 3159
 Delta R.T. -0.00 min
 Lab File: BG016113.D
 Acq: 25 Mar 2015 21:26

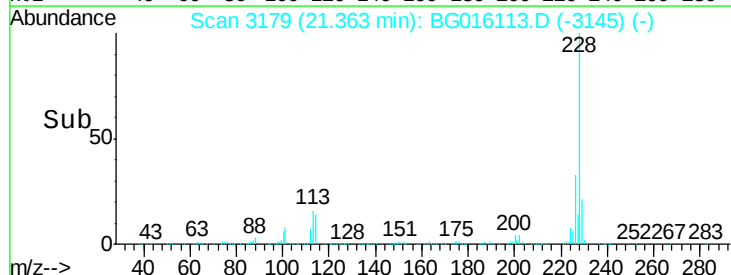
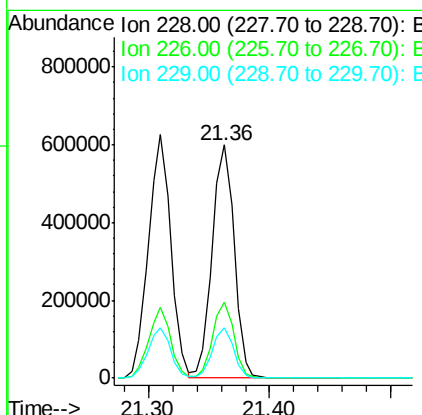
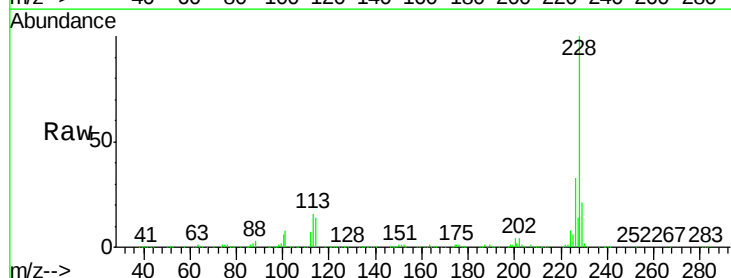
Instrument :
 BNA_G
 ClientSampleId :
 PB82319BS

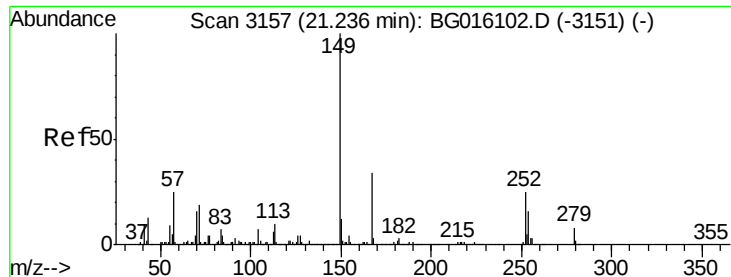
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.7	77.5
126	13.4	10.6	16.0



#82
 Chrysene
 Concen: 34.62 ng
 RT: 21.36 min Scan# 3179
 Delta R.T. -0.00 min
 Lab File: BG016113.D
 Acq: 25 Mar 2015 21:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.9	25.7	38.5
229	21.4	17.0	25.6

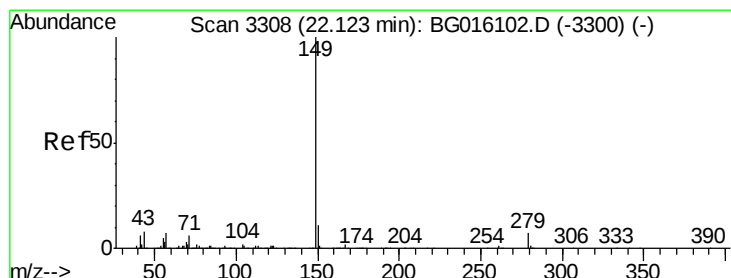
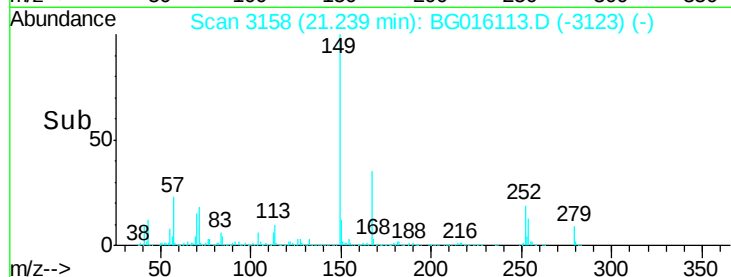
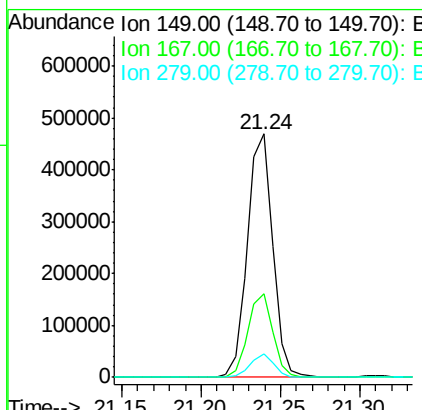
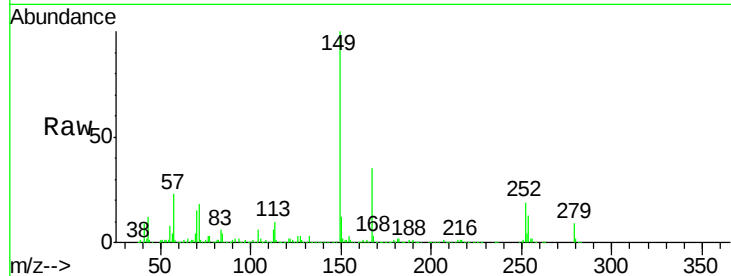




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.25 ng
 RT: 21.24 min Scan# 3158
 Delta R.T. 0.00 min
 Lab File: BG016113.D
 Acq: 25 Mar 2015 21:26

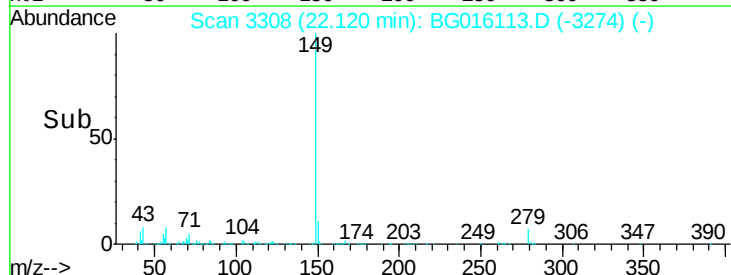
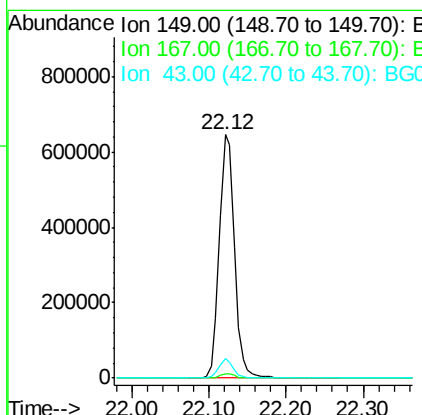
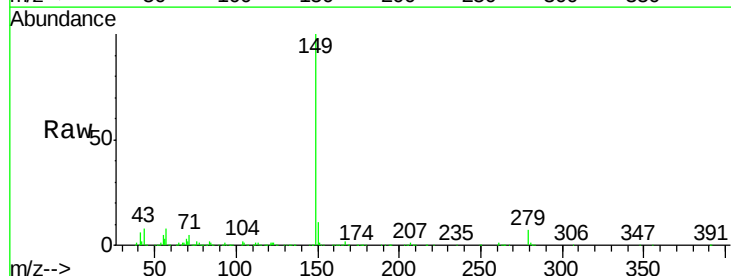
Instrument :
 BNA_G
 ClientSampleId :
 PB82319BS

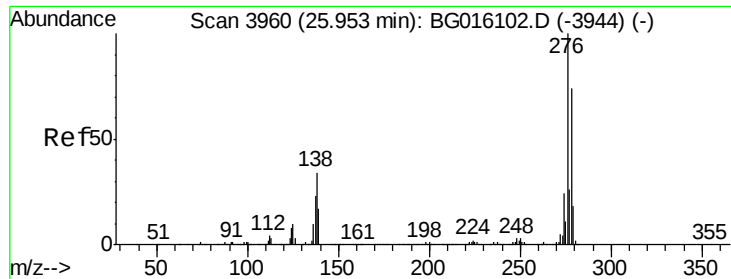
Tgt Ion:149 Resp: 519875
 Ion Ratio Lower Upper
 149 100
 167 34.6 27.1 40.7
 279 9.4 6.4 9.6



#84
 Di-n-octyl phthalate
 Concen: 35.32 ng
 RT: 22.12 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: BG016113.D
 Acq: 25 Mar 2015 21:26

Tgt Ion:149 Resp: 878317
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.0
 43 7.3 6.1 9.1

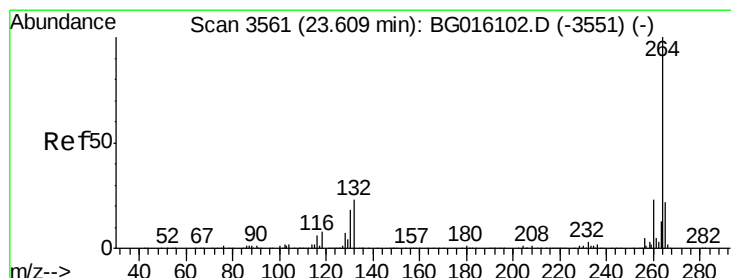
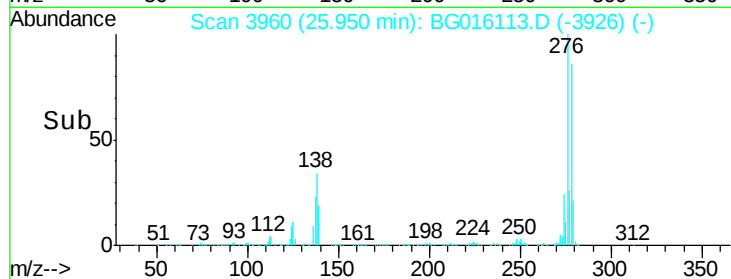
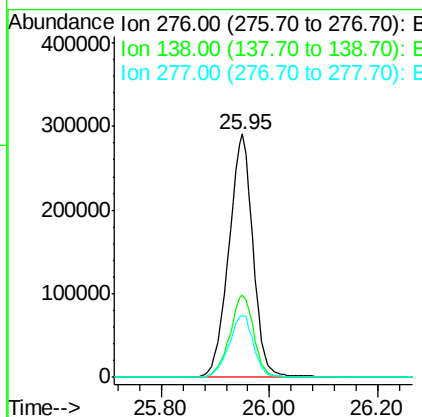
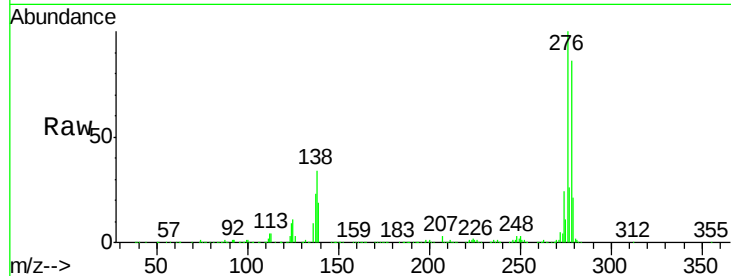




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.58 ng
 RT: 25.95 min Scan# 3960
 Delta R.T. -0.00 min
 Lab File: BG016113.D
 Acq: 25 Mar 2015 21:26

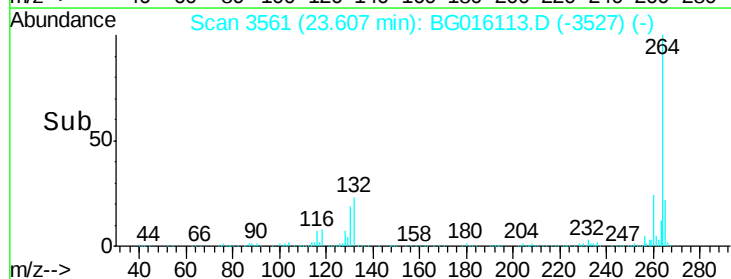
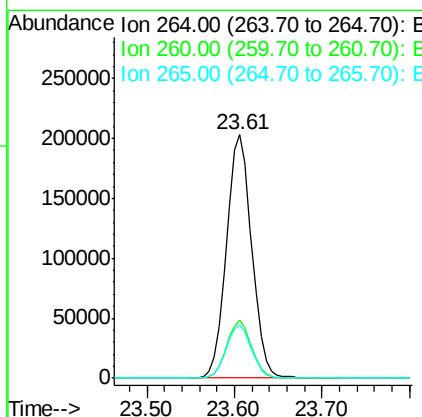
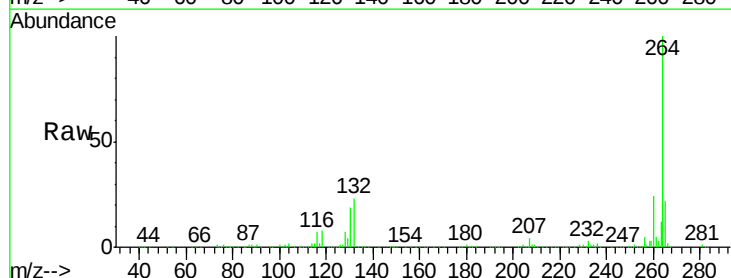
Instrument :
 BNA_G
 ClientSampleId :
 PB82319BS

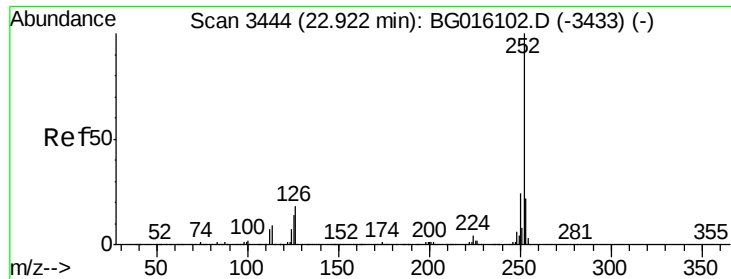
Tgt Ion:	276	Resp:	908877
Ion	Ratio	Lower	Upper
276	100		
138	33.6	26.9	40.3
277	26.0	20.7	31.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.61 min Scan# 3561
 Delta R.T. -0.00 min
 Lab File: BG016113.D
 Acq: 25 Mar 2015 21:26

Tgt Ion:	264	Resp:	399748
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.4	27.6
265	21.8	17.3	25.9

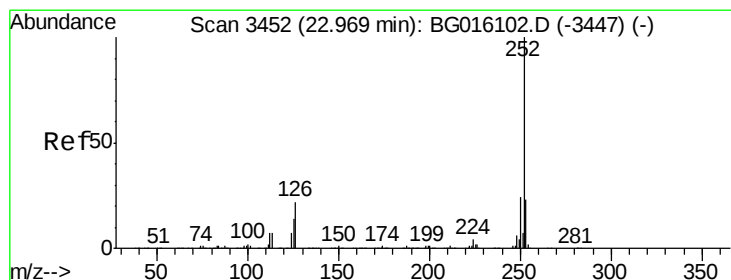
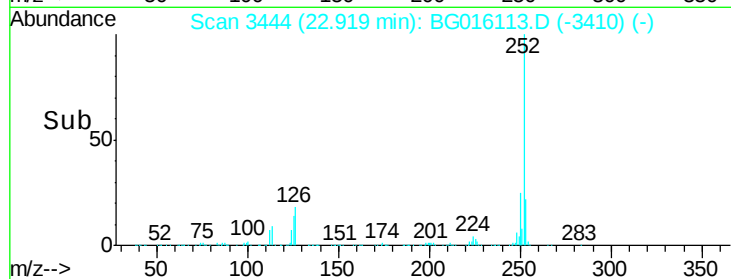
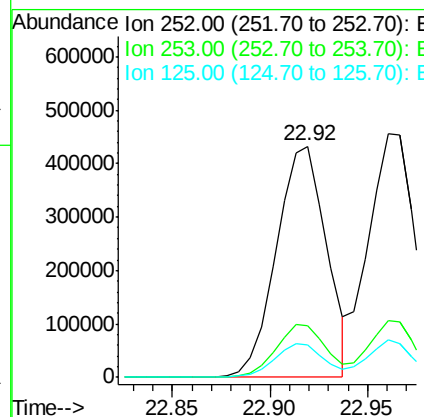
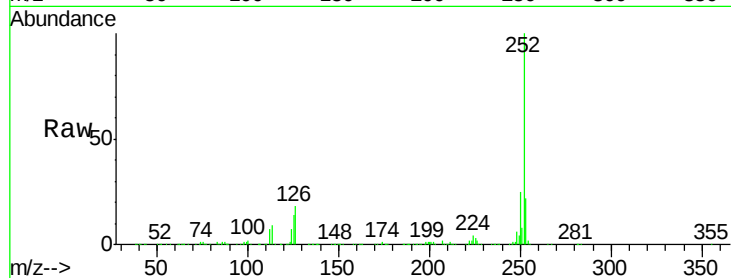




#87
Benzo(b)fluoranthene
Concen: 33.17 ng
RT: 22.92 min Scan# 3444
Delta R.T. -0.00 min
Lab File: BG016113.D
Acq: 25 Mar 2015 21:26

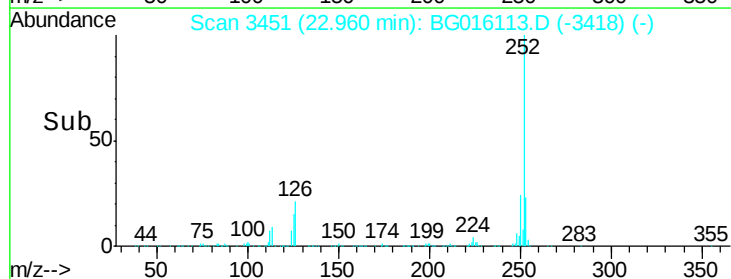
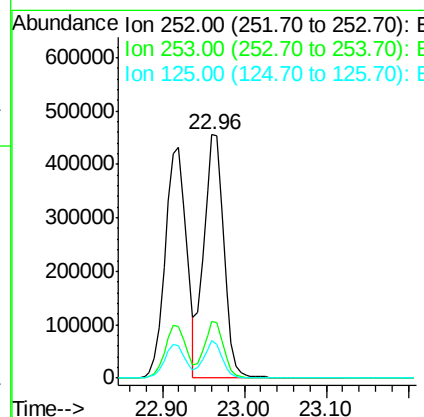
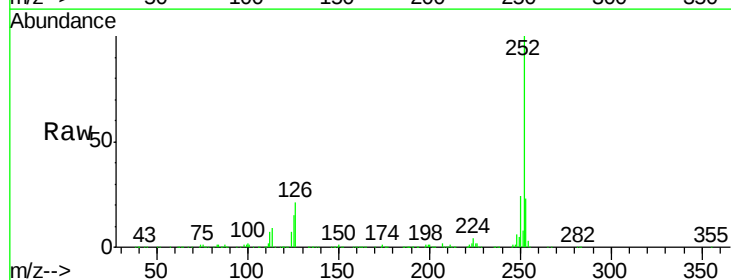
Instrument :
BNA_G
ClientSampleId :
PB82319BS

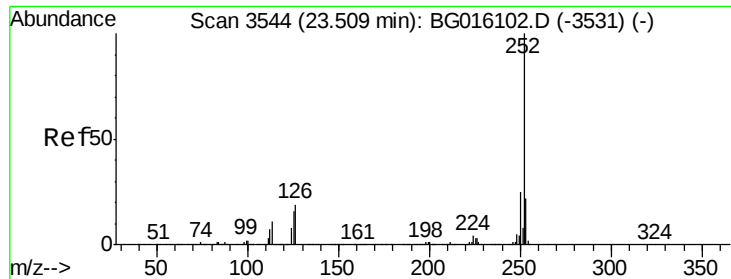
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	13.9	11.1	16.7



#88
Benzo(k)fluoranthene
Concen: 34.46 ng
RT: 22.96 min Scan# 3451
Delta R.T. -0.01 min
Lab File: BG016113.D
Acq: 25 Mar 2015 21:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.4
125	15.2	11.0	16.4





#89

Benzo(a)pyrene

Concen: 35.20 ng

RT: 23.51 min Scan# 3544

Delta R.T. -0.00 min

Lab File: BG016113.D

Acq: 25 Mar 2015 21:26

Instrument :

BNA_G

ClientSampleId :

PB82319BS

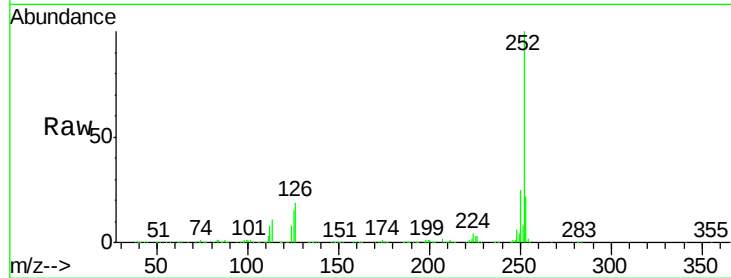
Tgt Ion:252 Resp: 759346

Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

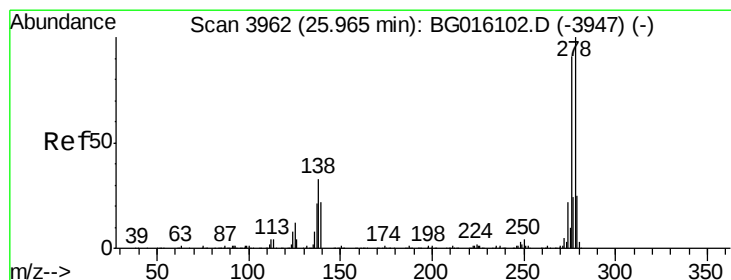
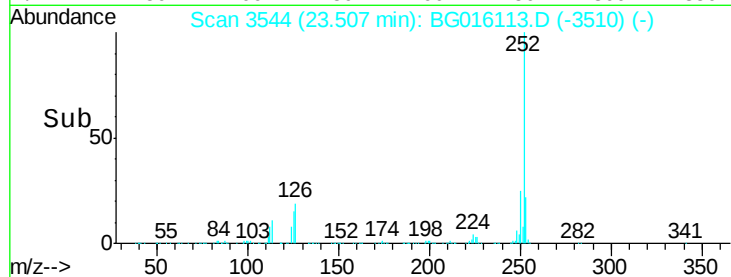
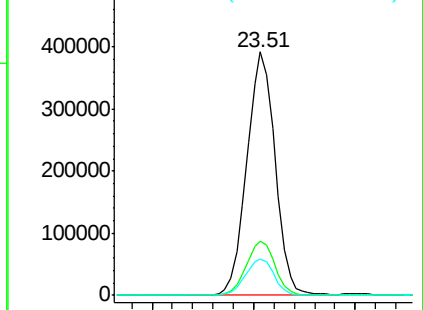
125 15.0 12.5 18.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 33.87 ng

RT: 25.96 min Scan# 3961

Delta R.T. -0.01 min

Lab File: BG016113.D

Acq: 25 Mar 2015 21:26

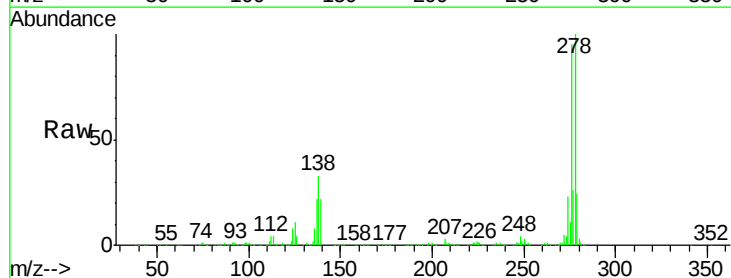
Tgt Ion:278 Resp: 761371

Ion Ratio Lower Upper

278 100

139 22.1 17.8 26.8

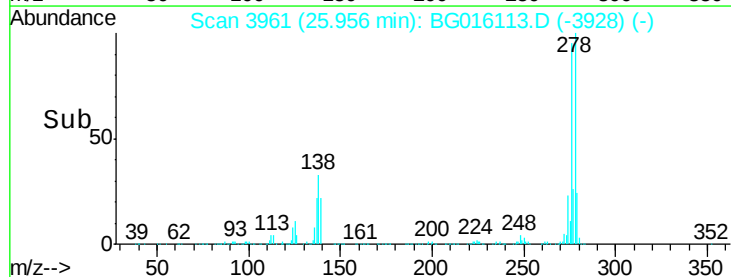
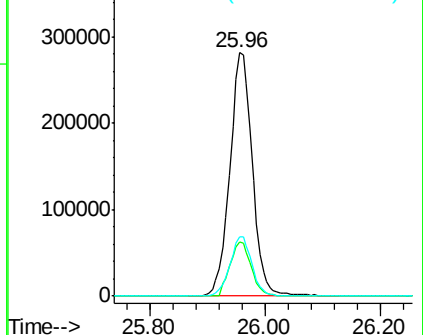
279 24.2 19.9 29.9

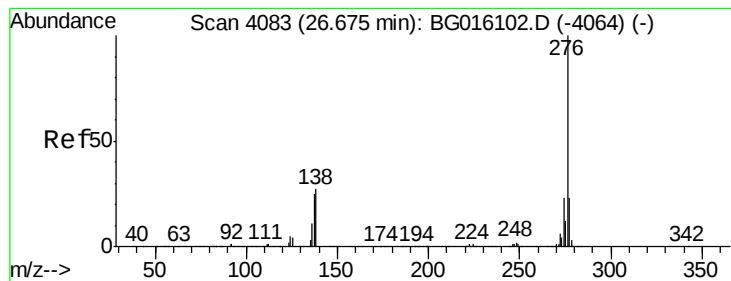


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 33.77 ng

RT: 26.67 min Scan# 4082

Delta R.T. -0.01 min

Lab File: BG016113.D

Acq: 25 Mar 2015 21:26

Instrument :

BNA_G

ClientSampleId :

PB82319BS

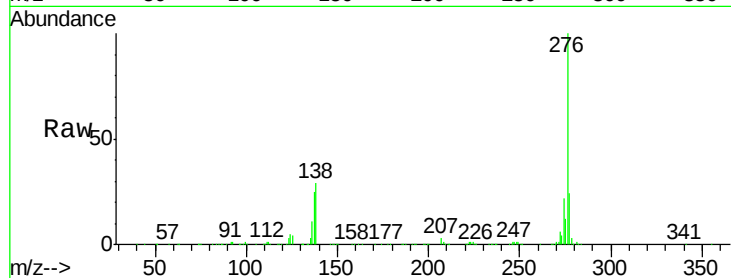
Tgt Ion: 276 Resp: 752316

Ion Ratio Lower Upper

276 100

277 23.7 18.7 28.1

138 29.5 22.0 33.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

