

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032615\
 Data File : BG016153.D
 Acq On : 26 Mar 2015 22:42
 Operator : TP/IZ
 Sample : PB82341BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82341BS

Quant Time: Mar 27 05:03:05 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 03:23:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	47742	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	203927	20.00	ng	0.00
38) Acenaphthene-d10	14.42	164	121051	20.00	ng	0.00
63) Phenanthrene-d10	17.15	188	262299	20.00	ng	0.00
75) Chrysene-d12	21.32	240	307171	20.00	ng	0.00
86) Perylene-d12	23.61	264	293586	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	409225	143.46	ng	0.00
7) Phenol-d6	6.97	99	560642	141.20	ng	0.01
23) Nitrobenzene-d5	8.95	82	285188	86.71	ng	0.00
41) 2,4,6-Tribromophenol	15.90	330	204257	146.95	ng	0.00
44) 2-Fluorobiphenyl	13.04	172	693642	95.92	ng	0.00
78) Terphenyl-d14	19.77	244	1115338	91.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	43911	38.12	ng	91
3) Pyridine	3.69	79	128669	35.73	ng	95
4) n-Nitrosodimethylamine	3.61	42	41820	39.47	ng	96
6) Aniline	7.12	93	159280	28.12	ng	97
8) 2-Chlorophenol	7.36	128	162406	47.98	ng	97
9) Benzaldehyde	6.94	77	6783	4.09	ng	96
10) Phenol	6.99	94	210505	48.24	ng	98
11) bis(2-Chloroethyl)ether	7.22	93	150484	42.52	ng	96
12) 1,3-Dichlorobenzene	7.68	146	156603	42.81	ng	99
13) 1,4-Dichlorobenzene	7.82	146	159706	42.09	ng	99
14) 1,2-Dichlorobenzene	8.14	146	154146	42.97	ng	98
15) Benzyl Alcohol	8.03	79	120420	41.03	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.32	45	151910	38.19	ng	98
17) 2-Methylphenol	8.23	107	139542	45.34	ng	97
18) Hexachloroethane	8.86	117	55761	41.00	ng	99
19) n-Nitroso-di-n-propylamine	8.59	70	108916	37.44	ng	98
20) 3+4-Methylphenols	8.56	107	186828	44.75	ng	96
22) Acetophenone	8.61	105	209481	45.67	ng	# 96
24) Nitrobenzene	8.99	77	154427	43.61	ng	98
25) Isophorone	9.51	82	304565	40.81	ng	100
26) 2-Nitrophenol	9.69	139	86400	45.04	ng	98
27) 2,4-Dimethylphenol	9.76	122	159616	49.62	ng	99
28) bis(2-Chloroethoxy)methane	9.99	93	193919	45.26	ng	99
29) 2,4-Dichlorophenol	10.23	162	146431	51.78	ng	96
30) 1,2,4-Trichlorobenzene	10.44	180	136761	44.91	ng	99
31) Naphthalene	10.63	128	474339	43.40	ng	100
32) Benzoic acid	9.88	122	85771	41.12	ng	93
33) 4-Chloroaniline	10.74	127	75166	15.71	ng	98
34) Hexachlorobutadiene	10.91	225	72784	43.93	ng	98
35) Caprolactam	11.50	113	67134m	43.72	ng	
36) 4-Chloro-3-methylphenol	11.86	107	156071	46.78	ng	99
37) 2-Methylnaphthalene	12.24	142	351138	45.01	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.61	216	148905	48.84	ng	99
40) Hexachlorocyclopentadiene	12.59	237	181956	102.07	ng	99

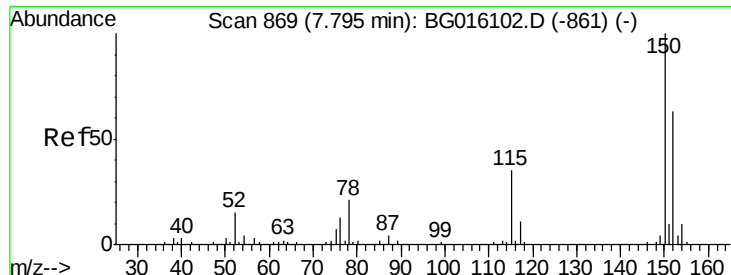
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032615\
 Data File : BG016153.D
 Acq On : 26 Mar 2015 22:42
 Operator : TP/IZ
 Sample : PB82341BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
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Quant Time: Mar 27 05:03:05 2015
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 03:23:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.85	196	106487	48.90	ng	96
43) 2,4,5-Trichlorophenol	12.92	196	118549	49.91	ng	98
45) 1,1'-Biphenyl	13.25	154	424278	47.79	ng	97
46) 2-Chloronaphthalene	13.29	162	322124	46.52	ng	99
47) 2-Nitroaniline	13.50	65	91064	45.78	ng	96
48) Acenaphthylene	14.14	152	565339	44.68	ng	100
49) Dimethylphthalate	13.88	163	401188	47.26	ng	100
50) 2,6-Dinitrotoluene	13.99	165	97401	48.38	ng	99
51) Acenaphthene	14.48	154	341238	44.71	ng	99
52) 3-Nitroaniline	14.32	138	75957	30.81	ng	98
53) 2,4-Dinitrophenol	14.53	184	101976	82.41	ng	97
54) Dibenzofuran	14.82	168	507378	47.58	ng	99
55) 4-Nitrophenol	14.63	139	205670	102.99	ng	99
56) 2,4-Dinitrotoluene	14.78	165	135463	49.11	ng	96
57) Fluorene	15.46	166	441883	46.44	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.04	232	108735	51.36	ng	96
59) Diethylphthalate	15.24	149	406490	46.57	ng	99
60) 4-Chlorophenyl-phenylether	15.46	204	197627	47.22	ng	98
61) 4-Nitroaniline	15.49	138	132525	47.51	ng	98
62) Azobenzene	15.75	77	405091	45.06	ng	97
64) 4,6-Dinitro-2-methylphenol	15.54	198	78195	44.85	ng	97
65) n-Nitrosodiphenylamine	15.67	169	387216	46.30	ng	99
66) 4-Bromophenyl-phenylether	16.35	248	124043	46.09	ng	97
67) Hexachlorobenzene	16.46	284	138371	45.74	ng	97
68) Atrazine	16.62	200	131486	52.84	ng	98
69) Pentachlorophenol	16.81	266	180581	104.69	ng	99
70) Phenanthrene	17.20	178	686035	46.61	ng	100
71) Anthracene	17.29	178	692545	47.31	ng	99
72) Carbazole	17.56	167	703478	48.97	ng	99
73) Di-n-butylphthalate	18.12	149	792455	48.79	ng	100
74) Fluoranthene	19.21	202	809573	49.38	ng	99
76) Benzidine	19.40	184	320223	39.79	ng	99
77) Pyrene	19.57	202	854670	45.13	ng	100
79) Butylbenzylphthalate	20.47	149	382948	48.48	ng	97
80) Benzo(a)anthracene	21.31	228	789361	45.31	ng	100
81) 3,3'-Dichlorobenzidine	21.25	252	168743	27.86	ng	98
82) Chrysene	21.37	228	747763	46.85	ng	100
83) Bis(2-ethylhexyl)phthalate	21.24	149	502257	46.30	ng	100
84) Di-n-octyl phthalate	22.12	149	842172	46.04	ng	98
85) Indeno(1,2,3-cd)pyrene	25.95	276	897277	43.72	ng	99
87) Benzo(b)fluoranthene	22.92	252	762698	44.89	ng	99
88) Benzo(k)fluoranthene	22.96	252	770087	46.53	ng	100
89) Benzo(a)pyrene	23.51	252	747846	47.21	ng	100
90) Dibenzo(a,h)anthracene	25.97	278	753423	45.64	ng	98
91) Benzo(g,h,i)perylene	26.66	276	747093	45.66	ng	100

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

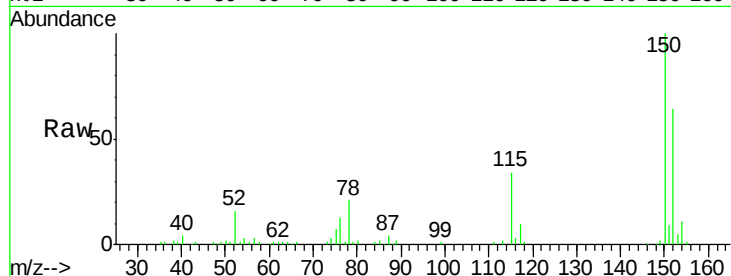


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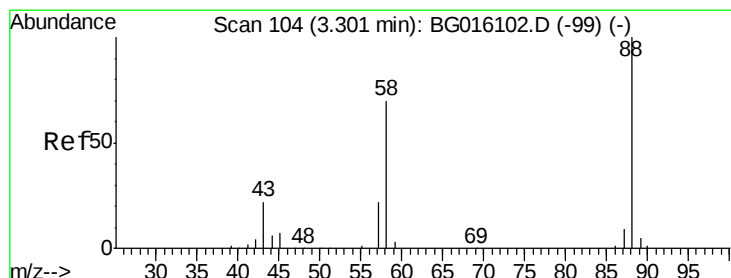
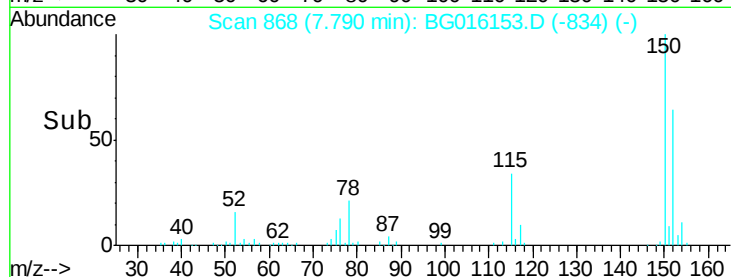
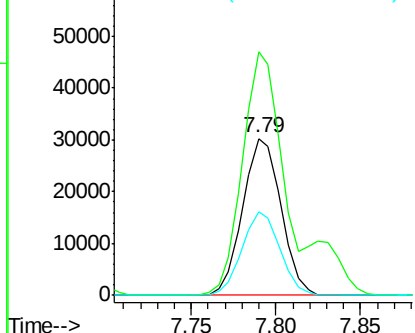
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.79 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: BG016153.D
 Acq: 26 Mar 2015 22:42

Instrument :
 BNA_G
 ClientSampleId :
 PB82341BS

Tgt Ion:152 Resp: 47742
 Ion Ratio Lower Upper
 152 100
 150 155.1 126.1 189.1
 115 53.5 43.7 65.5



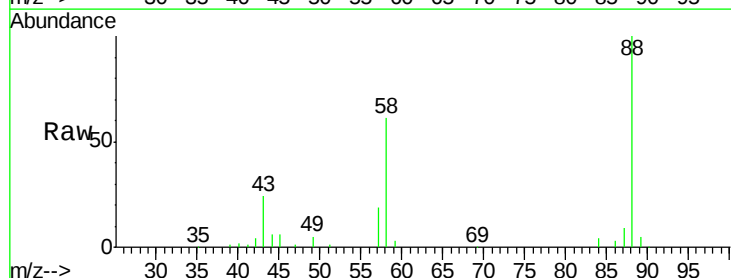
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



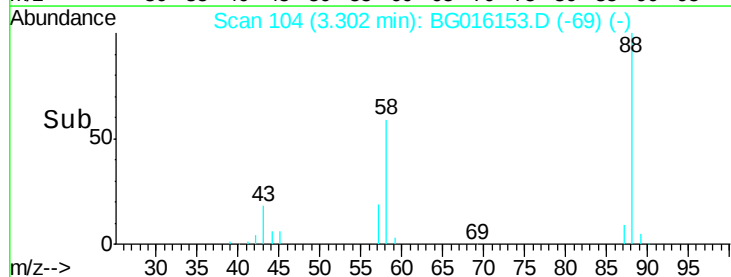
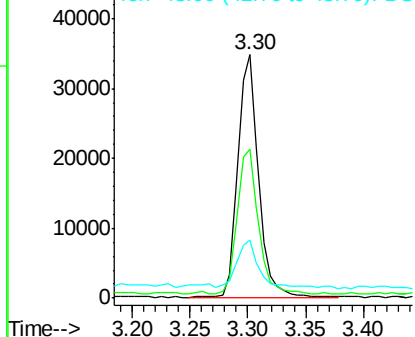
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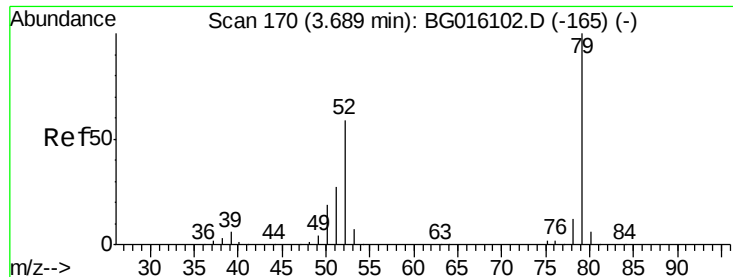
1,4-Dioxane
 Concen: 38.12 ng
 RT: 3.30 min Scan# 104
 Delta R.T. 0.01 min
 Lab File: BG016153.D
 Acq: 26 Mar 2015 22:42

Tgt Ion: 88 Resp: 43911
 Ion Ratio Lower Upper
 88 100
 58 58.9 54.2 81.4
 43 23.3 17.4 26.2



Abundance Ion 88.00 (87.70 to 88.70): BGC
 Ion 58.00 (57.70 to 58.70): BGC
 Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 35.73 ng

RT: 3.69 min Scan# 170

Delta R.T. 0.00 min

Lab File: BG016153.D

Acq: 26 Mar 2015 22:42

Instrument :

BNA_G

ClientSampleId :

PB82341BS

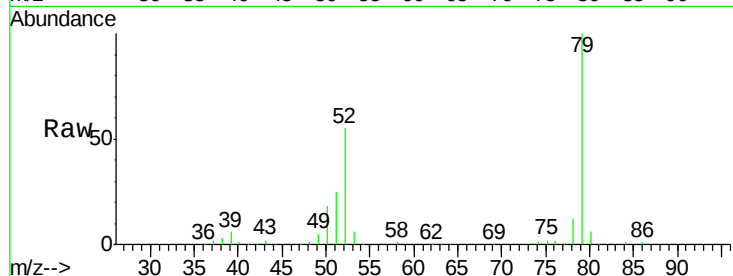
Tgt Ion: 79 Resp: 128669

Ion Ratio Lower Upper

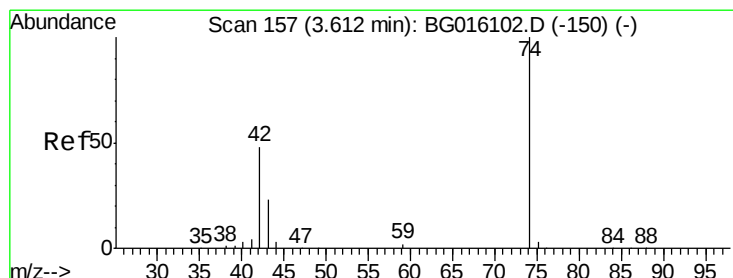
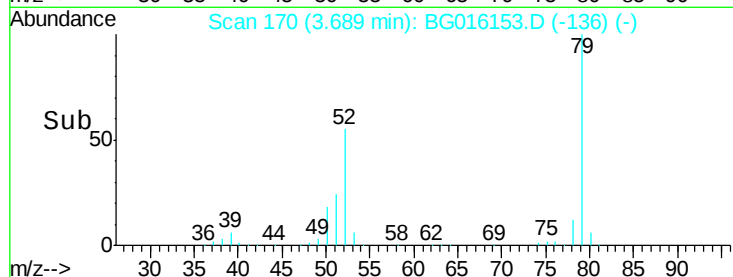
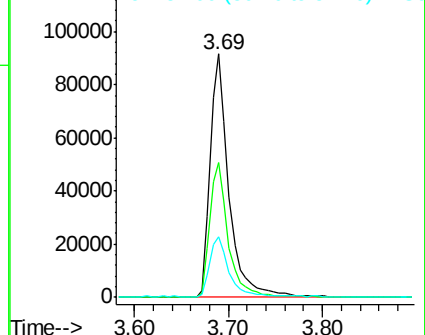
79 100

52 55.3 47.0 70.4

51 24.7 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: 39.47 ng

RT: 3.61 min Scan# 156

Delta R.T. 0.00 min

Lab File: BG016153.D

Acq: 26 Mar 2015 22:42

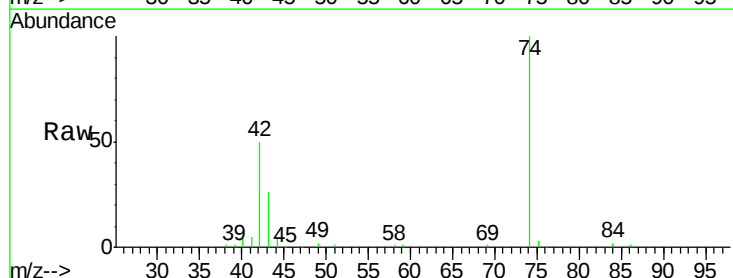
Tgt Ion: 42 Resp: 41820

Ion Ratio Lower Upper

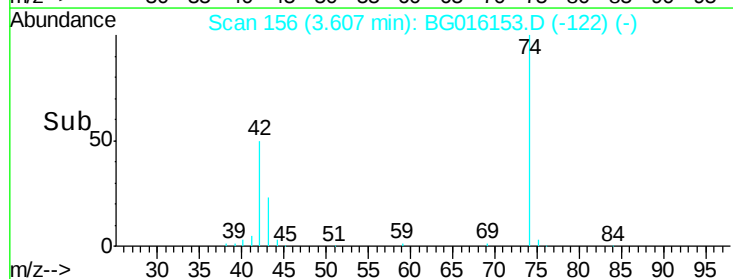
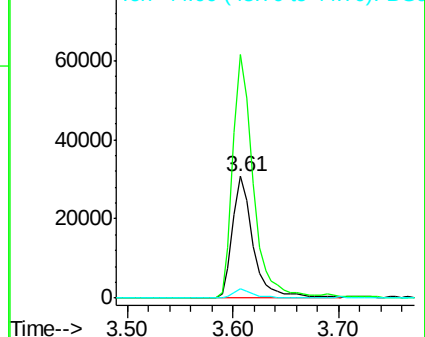
42 100

74 199.9 165.3 247.9

44 7.5 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: 143.46 ng

RT: 5.38 min Scan# 458

Delta R.T. 0.01 min

Lab File: BG016153.D

Acq: 26 Mar 2015 22:42

Instrument :

BNA_G

ClientSampleId :

PB82341BS

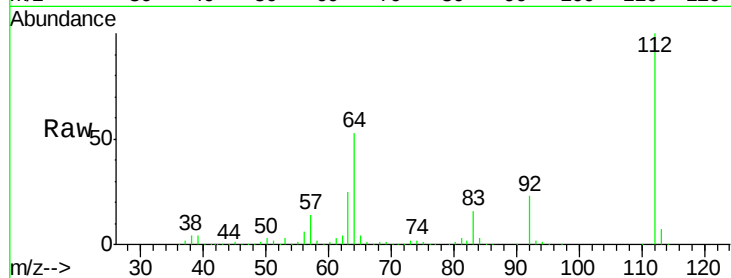
Tgt Ion: 112 Resp: 409225

Ion Ratio Lower Upper

112 100

64 52.7 42.6 64.0

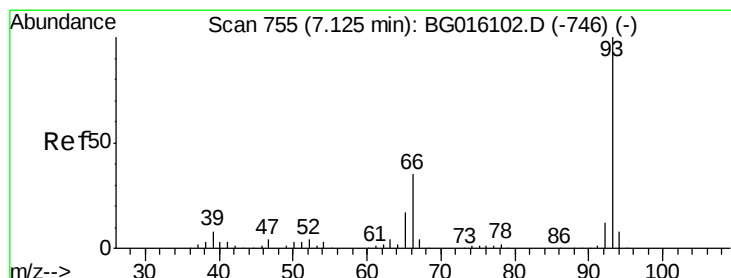
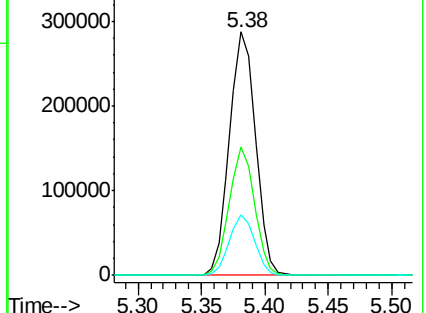
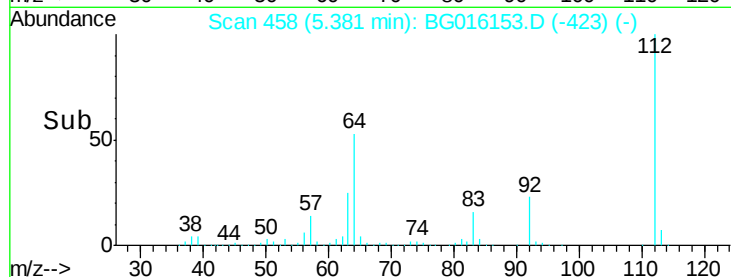
63 24.8 19.9 29.9



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: 28.12 ng

RT: 7.12 min Scan# 754

Delta R.T. 0.00 min

Lab File: BG016153.D

Acq: 26 Mar 2015 22:42

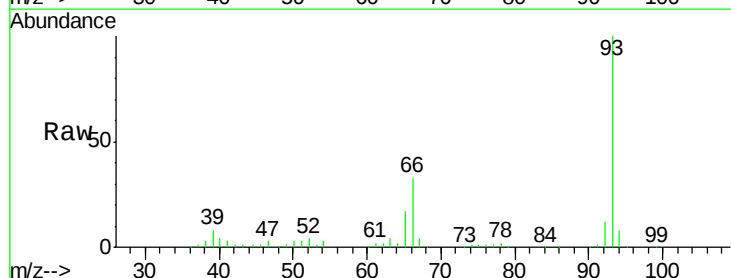
Tgt Ion: 93 Resp: 159280

Ion Ratio Lower Upper

93 100

66 32.9 27.8 41.6

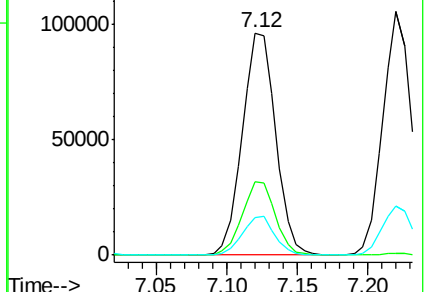
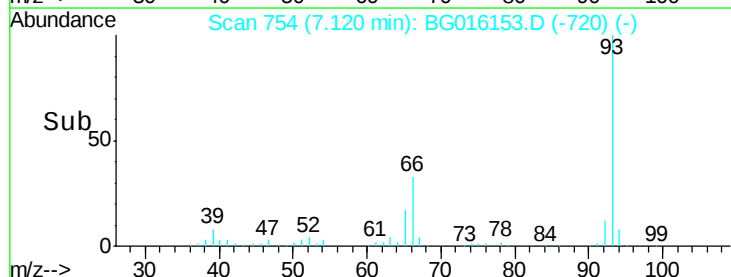
65 16.7 13.9 20.9

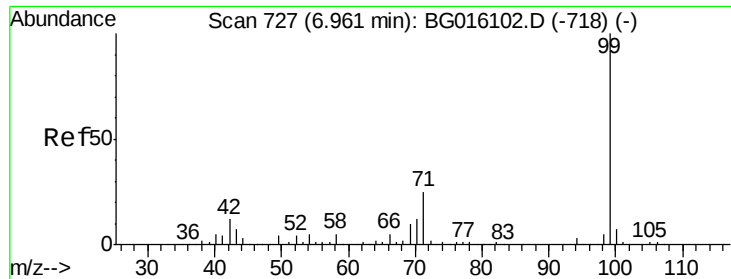


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 141.20 ng

RT: 6.97 min Scan# 728

Delta R.T. 0.01 min

Lab File: BG016153.D

Acq: 26 Mar 2015 22:42

Instrument :

BNA_G

ClientSampleId :

PB82341BS

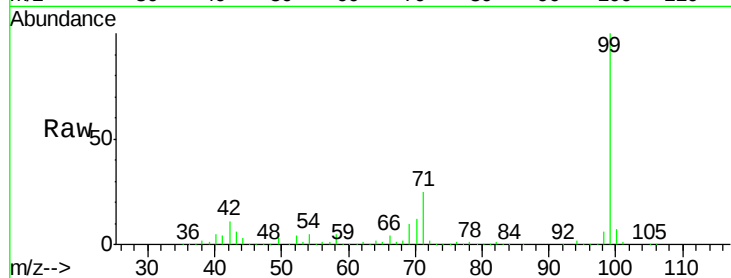
Tgt Ion: 99 Resp: 560642

Ion Ratio Lower Upper

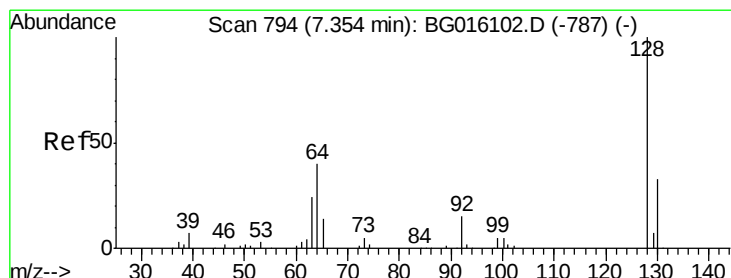
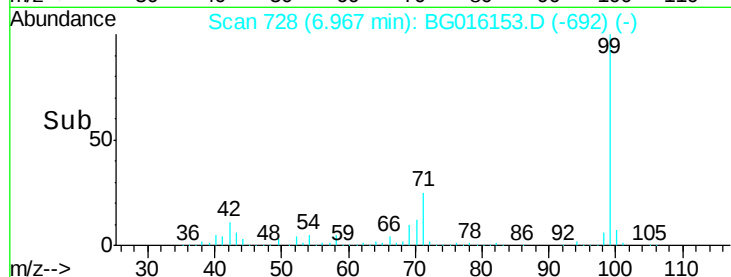
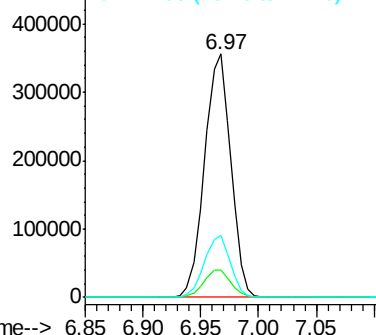
99 100

42 11.4 9.4 14.0

71 25.5 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: 47.98 ng

RT: 7.36 min Scan# 795

Delta R.T. 0.01 min

Lab File: BG016153.D

Acq: 26 Mar 2015 22:42

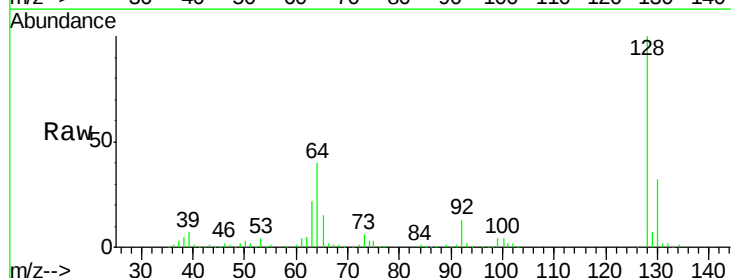
Tgt Ion: 128 Resp: 162406

Ion Ratio Lower Upper

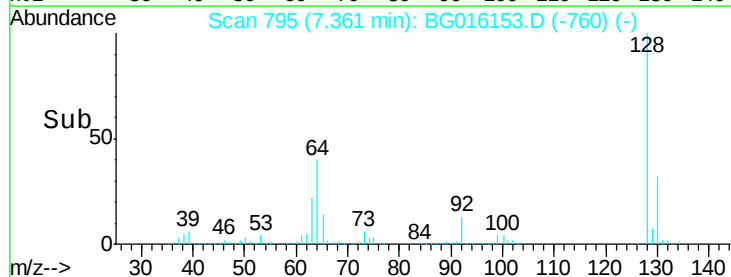
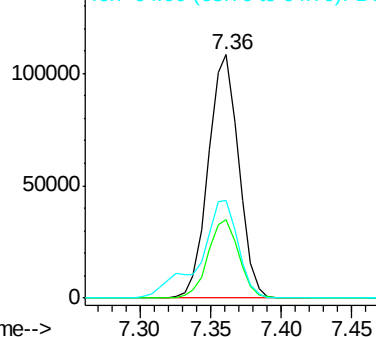
128 100

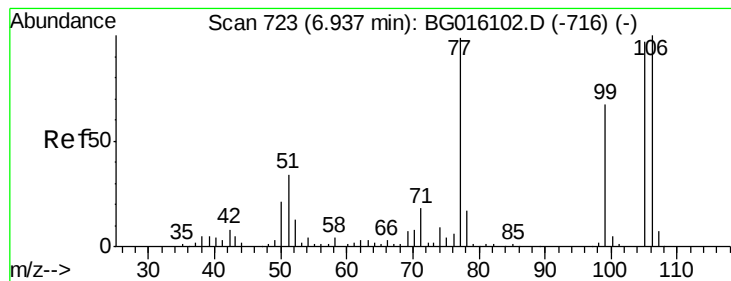
130 32.0 12.5 52.5

64 40.0 23.4 63.4



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





#9

Benzaldehyde

Concen: 4.09 ng

RT: 6.94 min Scan# 723

Delta R.T. 0.01 min

Lab File: BG016153.D

Acq: 26 Mar 2015 22:42

Instrument :

BNA_G

ClientSampleId :

PB82341BS

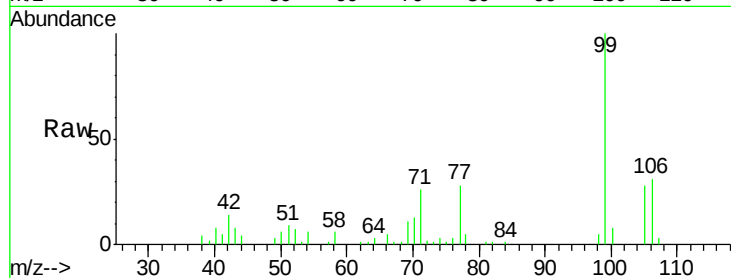
Tgt Ion: 77 Resp: 6783

Ion Ratio Lower Upper

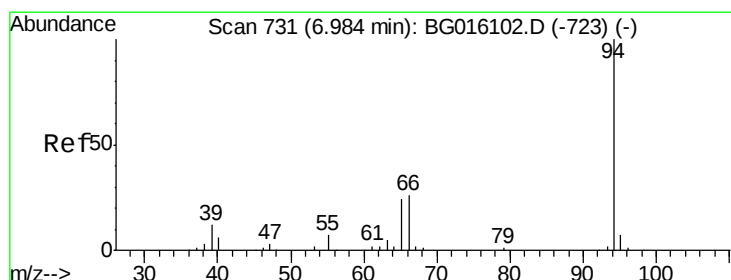
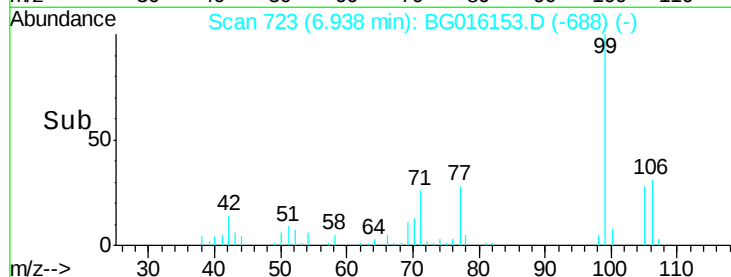
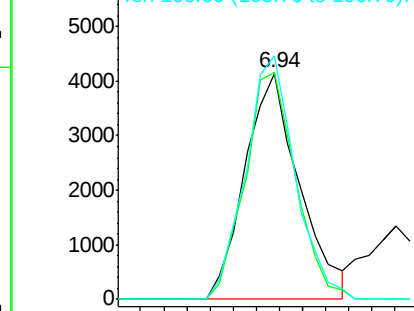
77 100

105 100.2 78.1 118.1

106 107.6 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: 48.24 ng

RT: 6.99 min Scan# 732

Delta R.T. 0.01 min

Lab File: BG016153.D

Acq: 26 Mar 2015 22:42

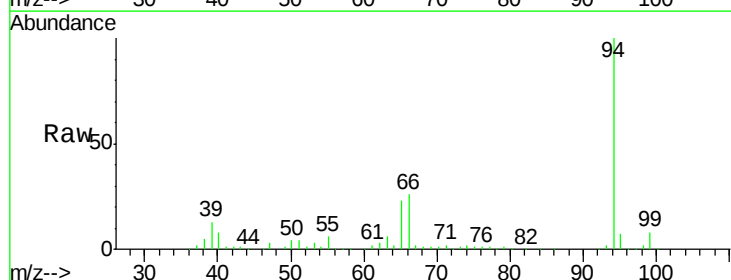
Tgt Ion: 94 Resp: 210505

Ion Ratio Lower Upper

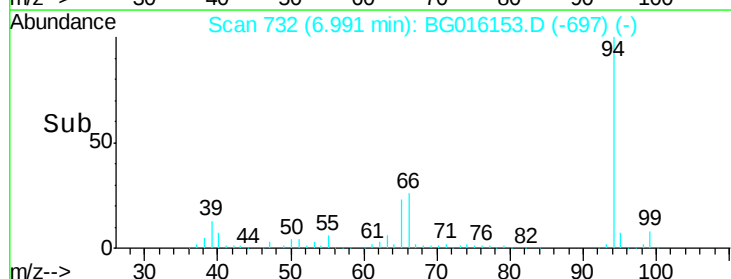
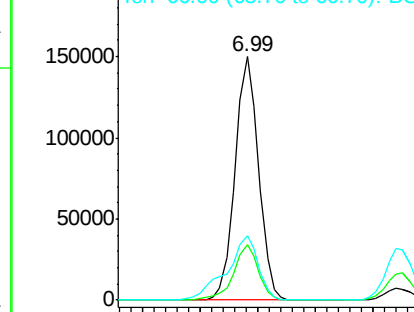
94 100

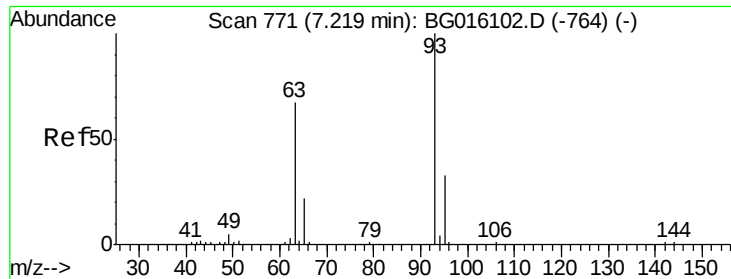
65 22.9 4.0 44.0

66 26.3 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

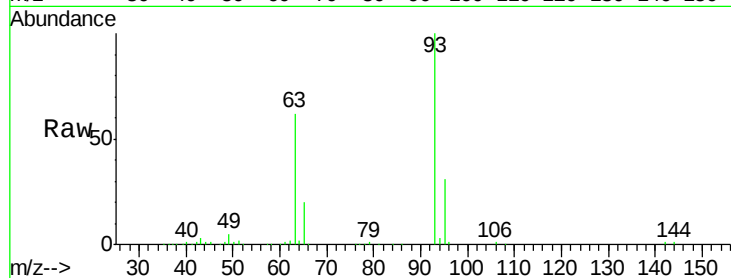




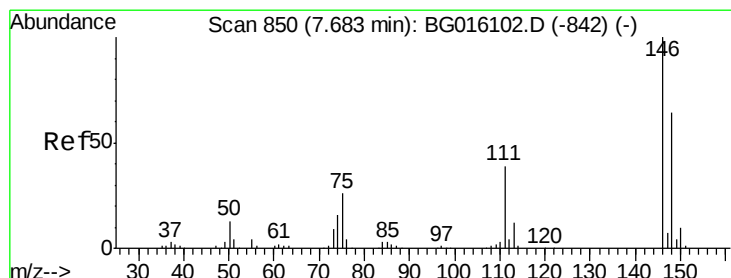
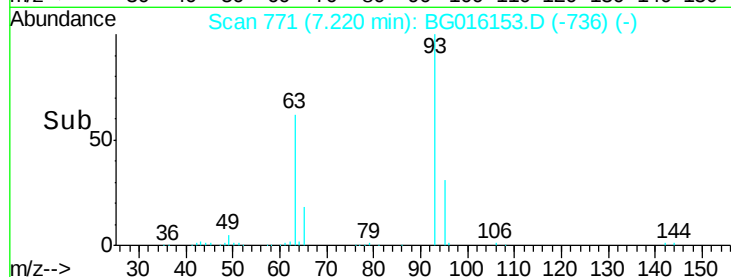
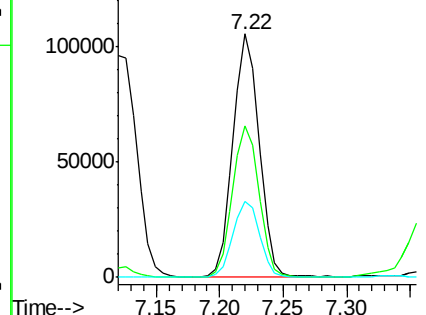
#11
bis(2-Chloroethyl)ether
Concen: 42.52 ng
RT: 7.22 min Scan# 771
Delta R.T. 0.01 min
Lab File: BG016153.D
Acq: 26 Mar 2015 22:42

Instrument :
BNA_G
ClientSampled :
PB82341BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	62.1	46.5	86.5
95	31.3	12.5	52.5

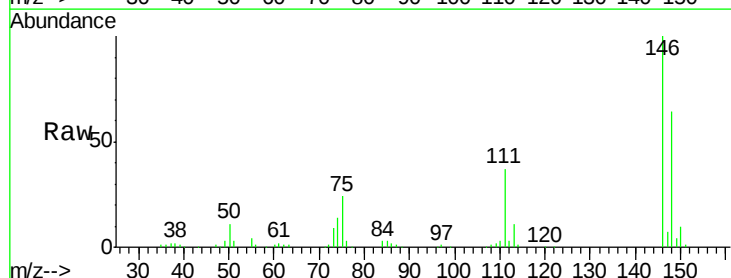


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

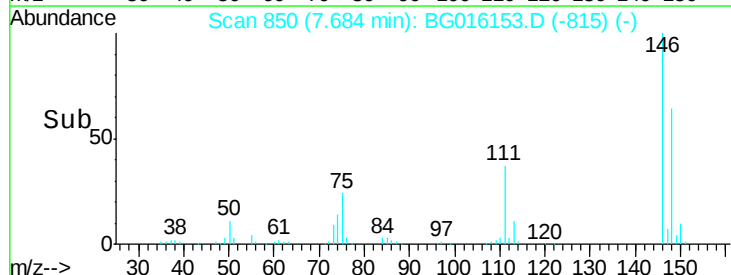
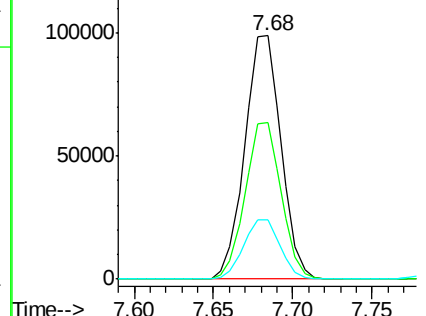


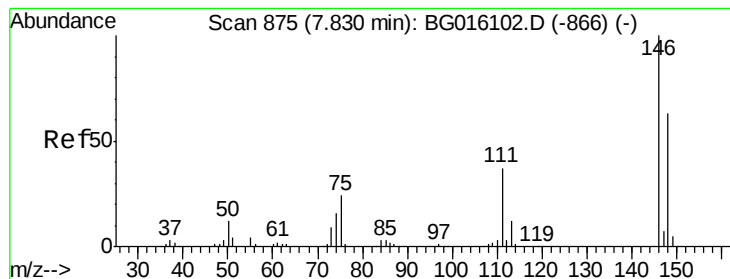
#12
1,3-Dichlorobenzene
Concen: 42.81 ng
RT: 7.68 min Scan# 850
Delta R.T. 0.01 min
Lab File: BG016153.D
Acq: 26 Mar 2015 22:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.2	76.8
75	24.2	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: 42.09 ng

RT: 7.82 min Scan# 874

Delta R.T. 0.00 min

Lab File: BG016153.D

Acq: 26 Mar 2015 22:42

Instrument :

BNA_G

ClientSampleId :

PB82341BS

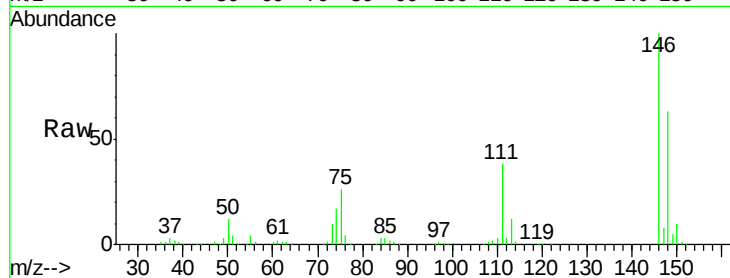
Tgt Ion:146 Resp: 159706

Ion Ratio Lower Upper

146 100

148 63.5 50.3 75.5

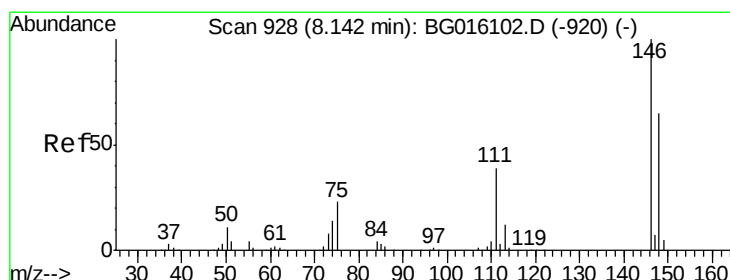
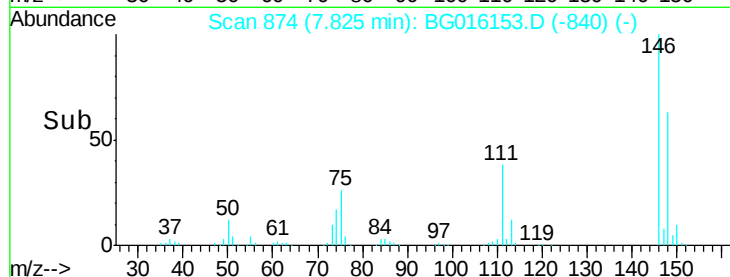
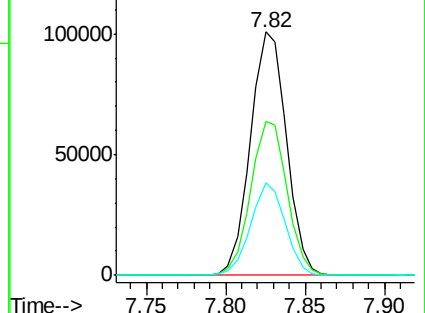
111 37.8 29.5 44.3



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: 42.97 ng

RT: 8.14 min Scan# 928

Delta R.T. 0.01 min

Lab File: BG016153.D

Acq: 26 Mar 2015 22:42

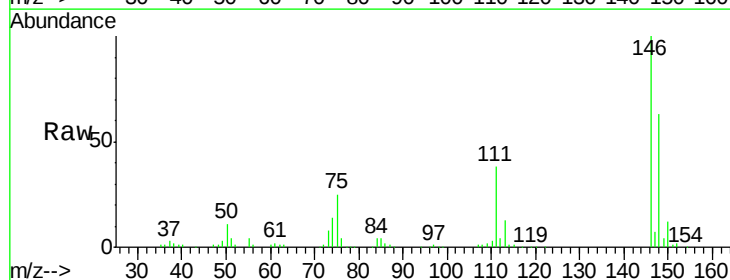
Tgt Ion:146 Resp: 154146

Ion Ratio Lower Upper

146 100

148 63.2 51.8 77.8

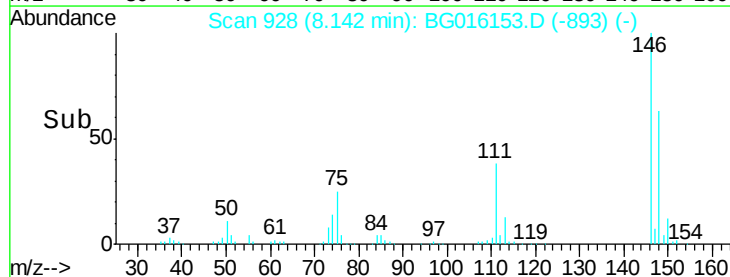
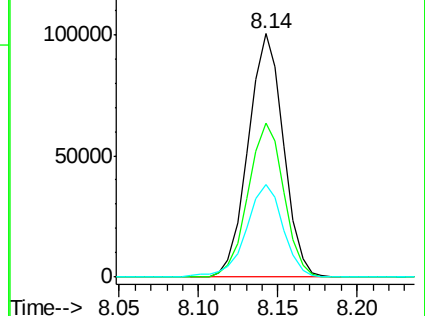
111 38.3 31.4 47.2

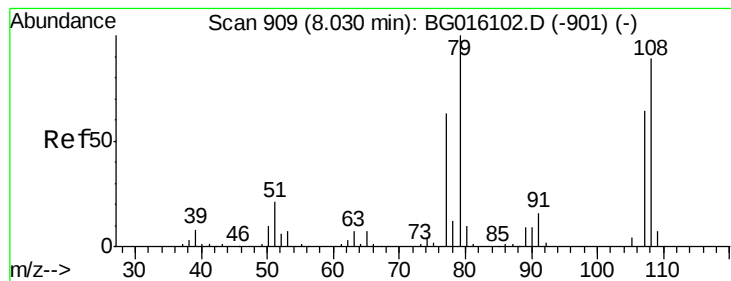


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.03 ng

RT: 8.03 min Scan# 909

Delta R.T. 0.01 min

Lab File: BG016153.D

Acq: 26 Mar 2015 22:42

Instrument :

BNA_G

ClientSampled :

PB82341BS

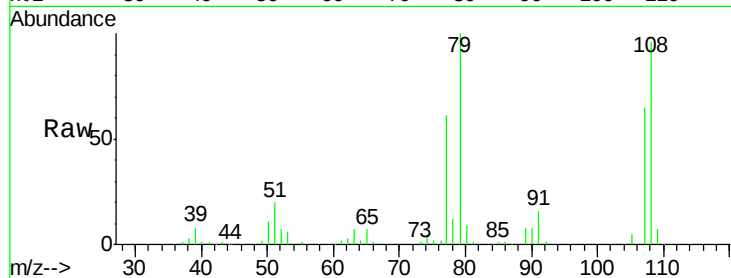
Tgt Ion: 79 Resp: 120420

Ion Ratio Lower Upper

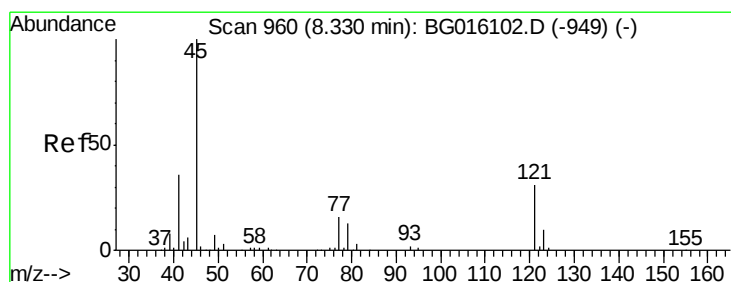
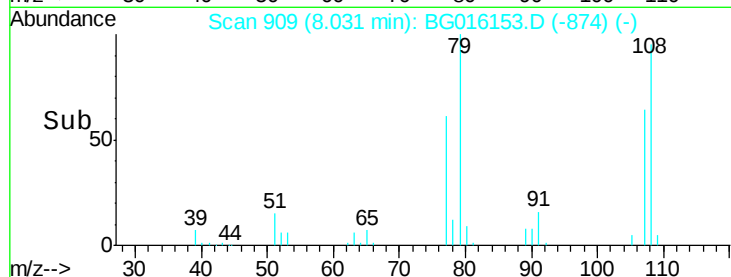
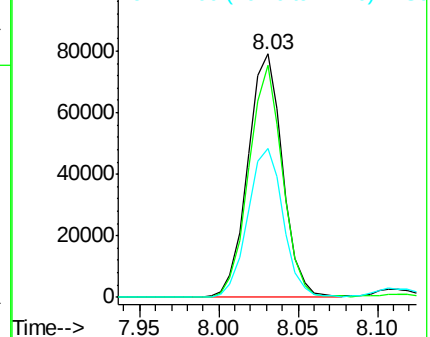
79 100

108 95.5 71.4 107.0

77 61.4 50.1 75.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.19 ng

RT: 8.32 min Scan# 959

Delta R.T. 0.00 min

Lab File: BG016153.D

Acq: 26 Mar 2015 22:42

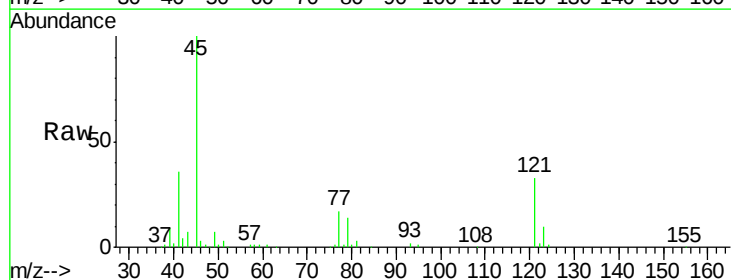
Tgt Ion: 45 Resp: 151910

Ion Ratio Lower Upper

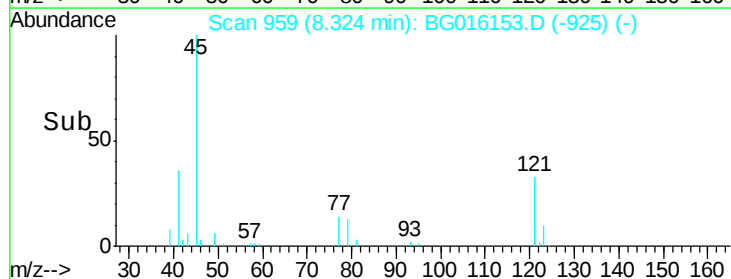
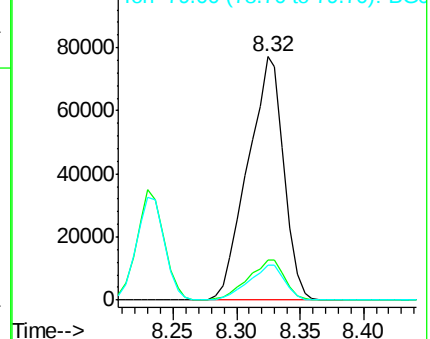
45 100

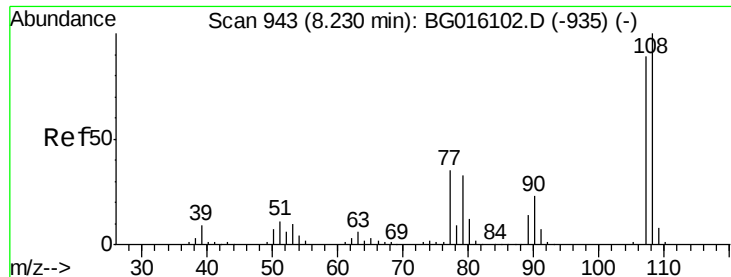
77 16.6 0.0 36.3

79 14.4 0.0 33.3



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

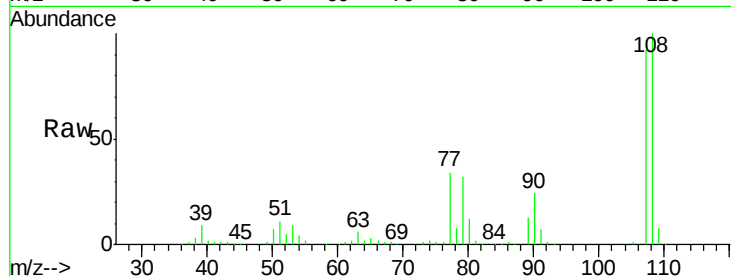




#17
2-Methylphenol
Concen: 45.34 ng
RT: 8.23 min Scan# 943
Delta R.T. 0.00 min
Lab File: BG016153.D
Acq: 26 Mar 2015 22:42

Instrument :
BNA_G
ClientSampleId :
PB82341BS

Tgt Ion:	107	Resp:	139542
Ion	Ratio	Lower	Upper
107	100		
108	108.7	89.4	134.2
77	37.1	31.4	47.2
79	34.6	29.8	44.8



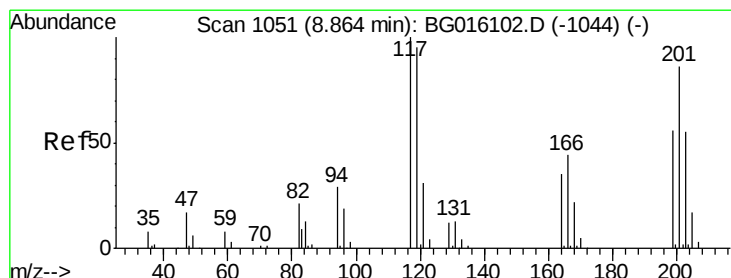
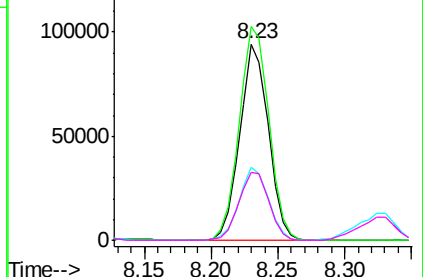
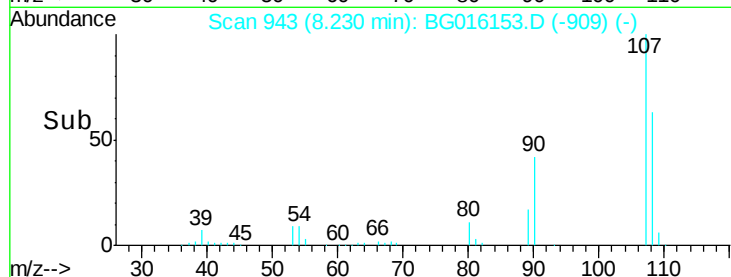
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

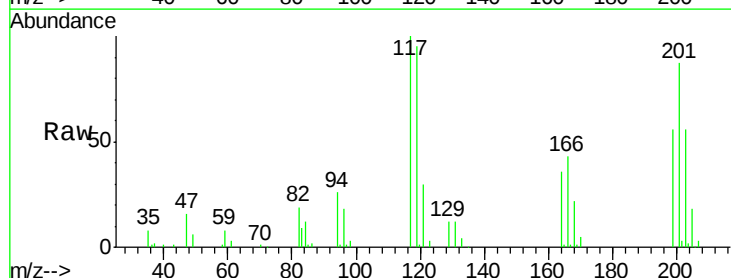
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 41.00 ng
RT: 8.86 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BG016153.D
Acq: 26 Mar 2015 22:42

Tgt Ion:	117	Resp:	55761
Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.4	114.6
201	86.6	68.6	102.8

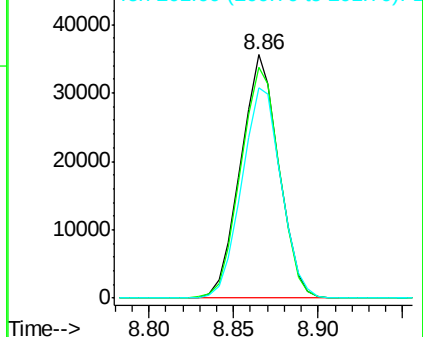
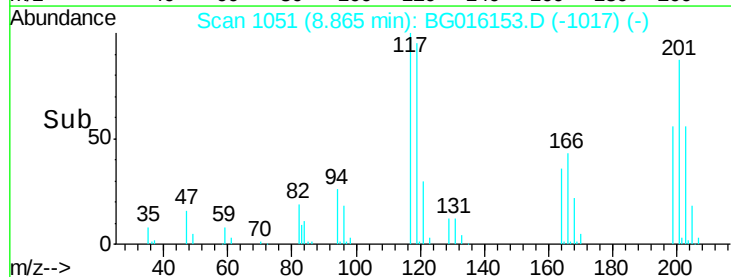


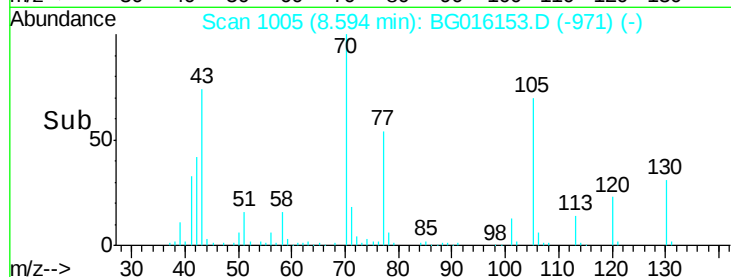
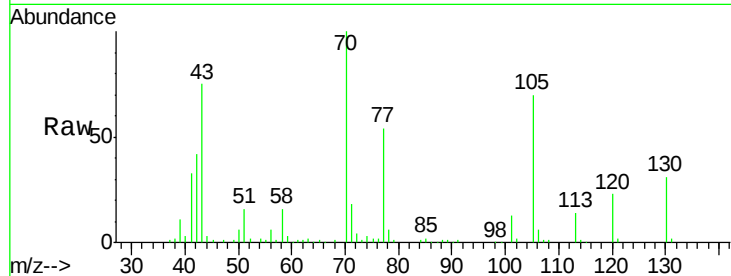
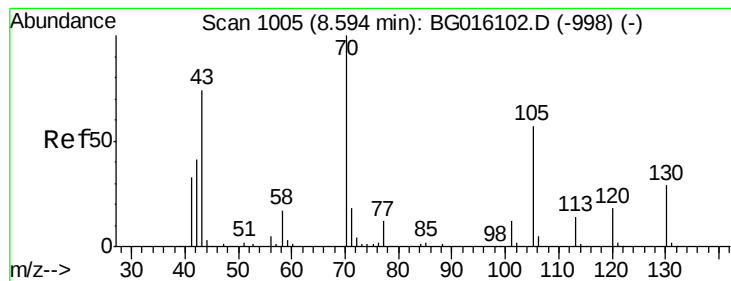
Abundance

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: 37.44 ng

RT: 8.59 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BG016153.D

Acq: 26 Mar 2015 22:42

Instrument :

BNA_G

ClientSampleId :

PB82341BS

Tgt Ion: 70 Resp: 108916

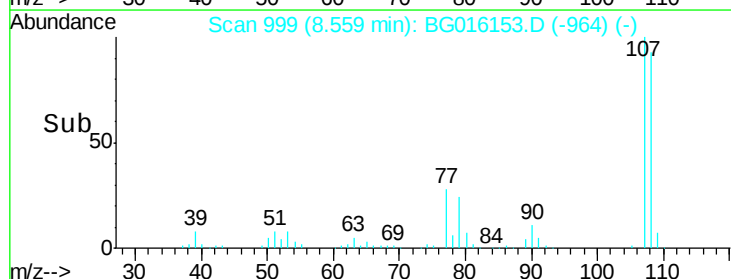
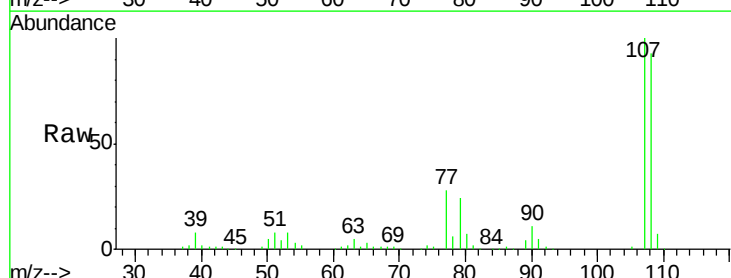
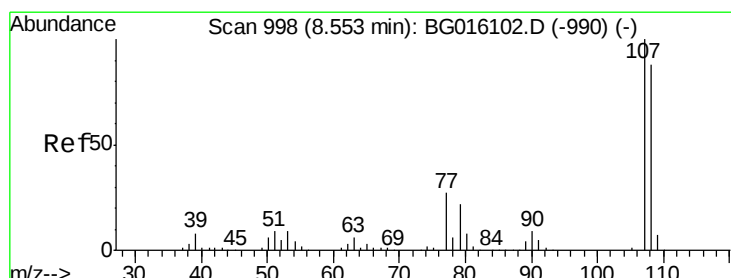
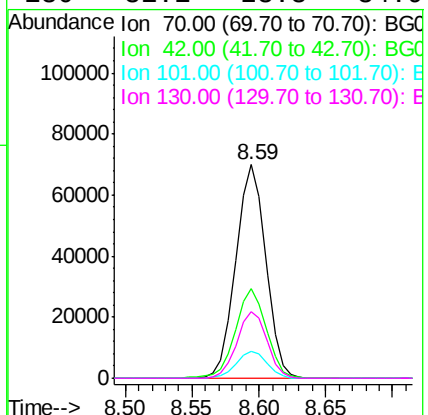
Ion Ratio Lower Upper

70 100

42 42.1 33.4 50.2

101 12.8 9.6 14.4

130 31.1 23.3 34.9



#20

3+4-Methylphenols

Concen: 44.75 ng

RT: 8.56 min Scan# 999

Delta R.T. 0.01 min

Lab File: BG016153.D

Acq: 26 Mar 2015 22:42

Tgt Ion: 107 Resp: 186828

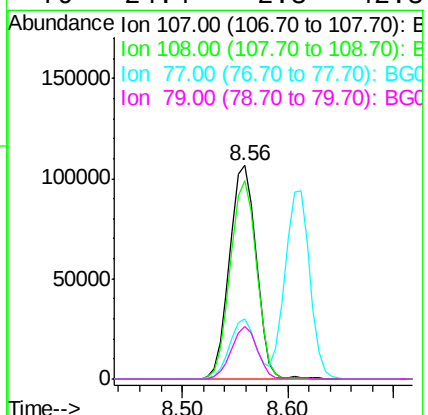
Ion Ratio Lower Upper

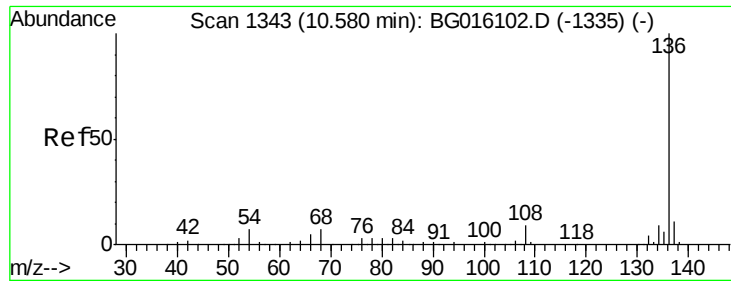
107 100

108 92.8 68.4 108.4

77 28.2 6.9 46.9

79 24.4 2.3 42.3

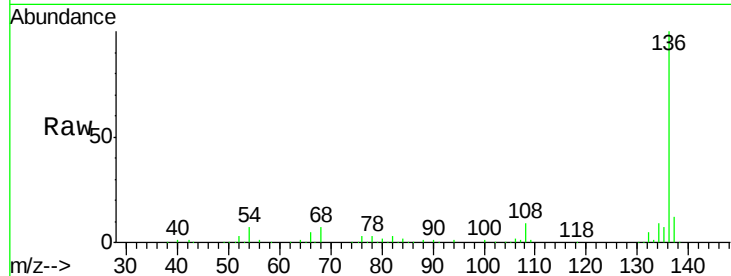




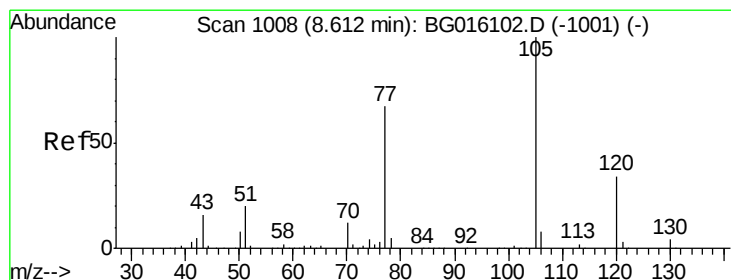
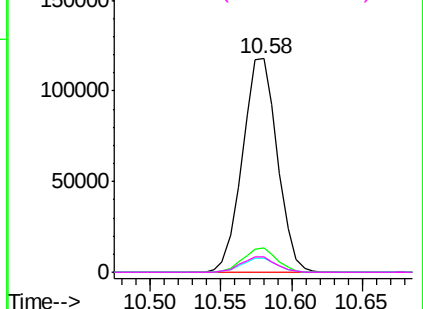
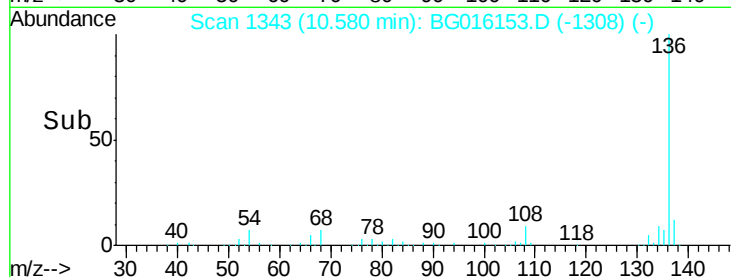
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.58 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BG016153.D
Acq: 26 Mar 2015 22:42

Instrument :
BNA_G
ClientSampleId :
PB82341BS

Tgt Ion:	136	Resp:	203927
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	6.8	5.5	8.3
68	7.3	6.0	9.0

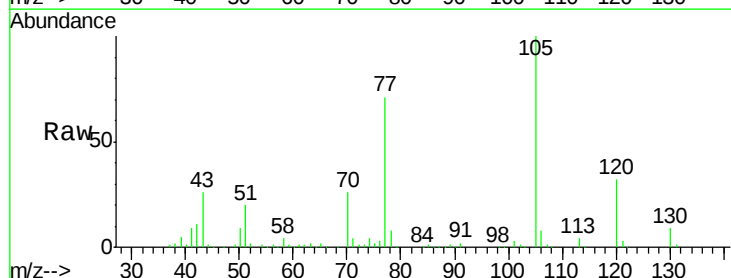


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

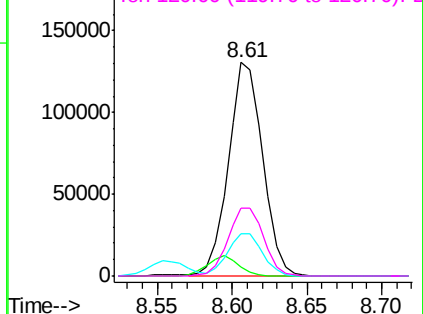
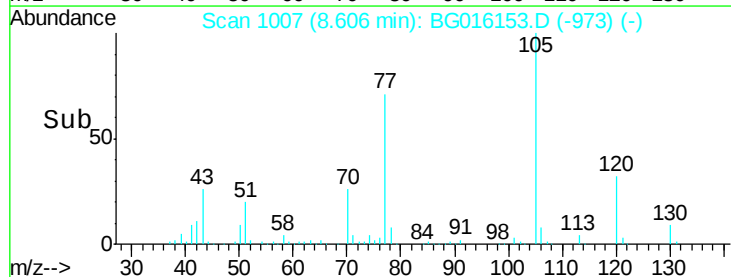


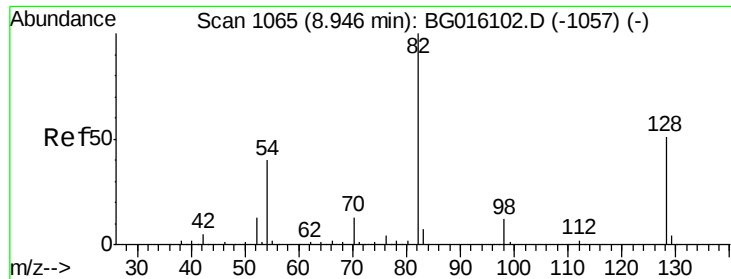
#22
Acetophenone
Concen: 45.67 ng
RT: 8.61 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BG016153.D
Acq: 26 Mar 2015 22:42

Tgt Ion:	105	Resp:	209481
Ion	Ratio	Lower	Upper
105	100		
71	4.3	2.2	3.2#
51	19.9	17.9	26.9
120	32.0	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

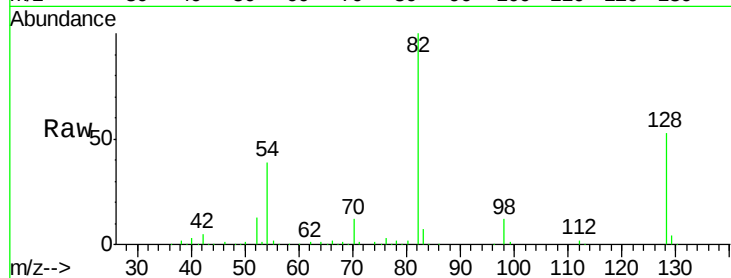




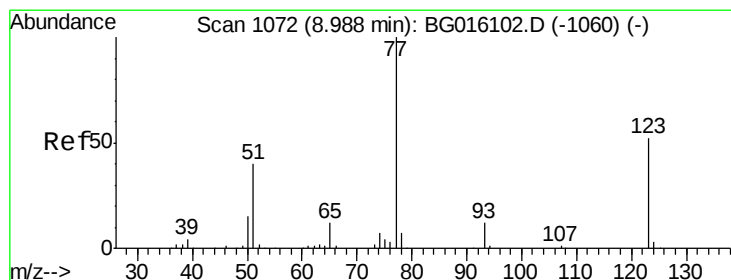
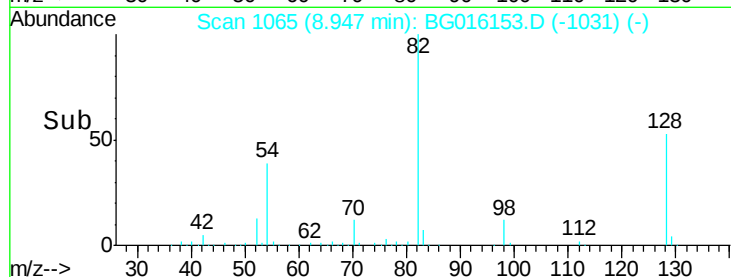
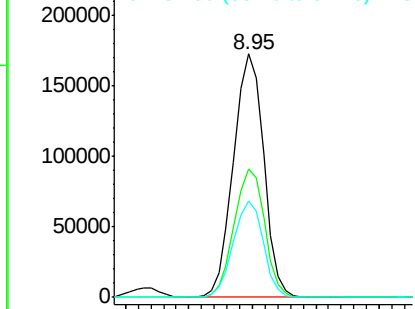
#23
Nitrobenzene-d5
Concen: 86.71 ng
RT: 8.95 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BG016153.D
Acq: 26 Mar 2015 22:42

Instrument :
BNA_G
ClientSampleId :
PB82341BS

Tgt Ion: 82 Resp: 285188
Ion Ratio Lower Upper
82 100
128 52.6 40.4 60.6
54 39.5 32.1 48.1

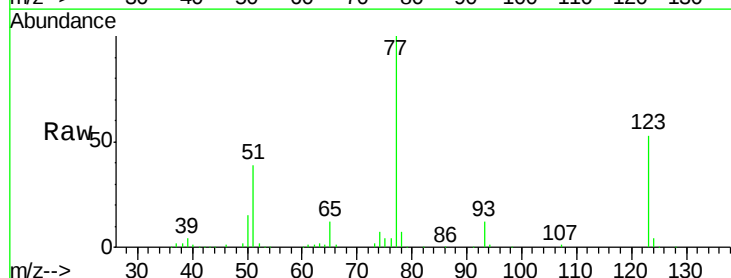


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

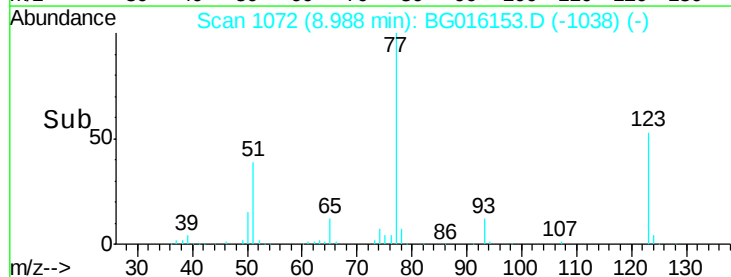
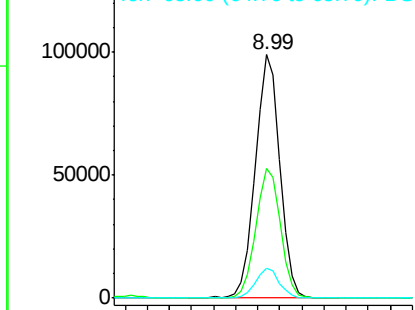


#24
Nitrobenzene
Concen: 43.61 ng
RT: 8.99 min Scan# 1072
Delta R.T. 0.00 min
Lab File: BG016153.D
Acq: 26 Mar 2015 22:42

Tgt Ion: 77 Resp: 154427
Ion Ratio Lower Upper
77 100
123 53.5 41.4 62.0
65 12.0 9.7 14.5



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 40.81 ng

RT: 9.51 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BG016153.D

Acq: 26 Mar 2015 22:42

Instrument :

BNA_G

ClientSampleId :

PB82341BS

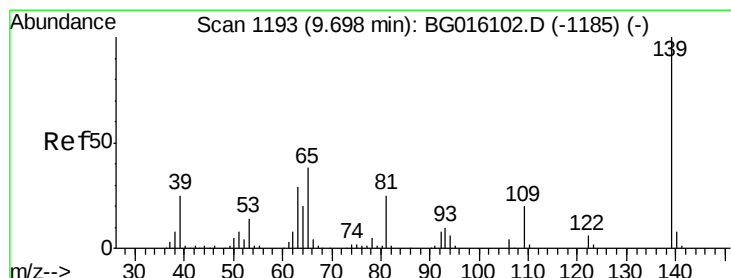
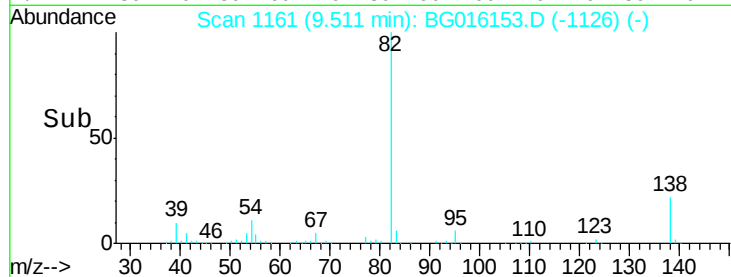
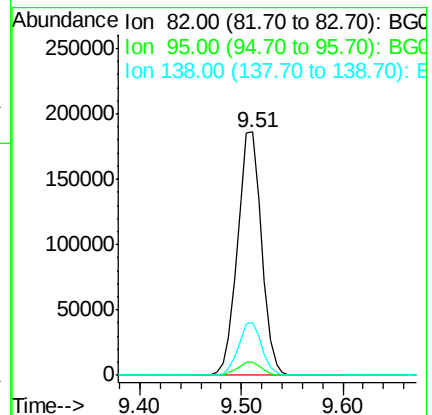
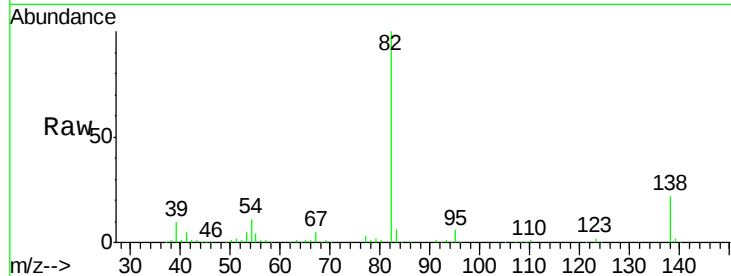
Tgt Ion: 82 Resp: 304565

Ion Ratio Lower Upper

82 100

95 5.6 4.6 6.8

138 21.6 17.1 25.7



#26

2-Nitrophenol

Concen: 45.04 ng

RT: 9.69 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BG016153.D

Acq: 26 Mar 2015 22:42

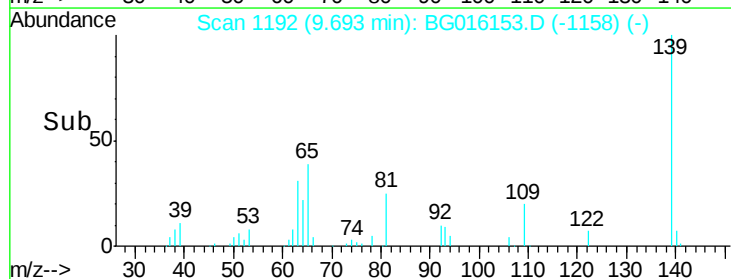
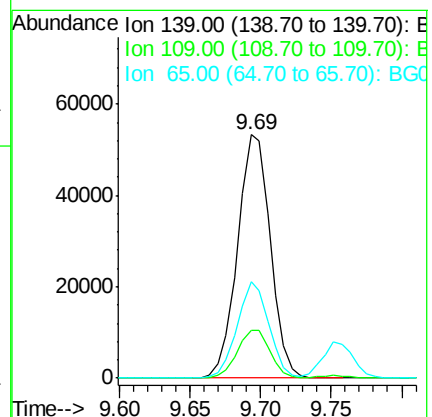
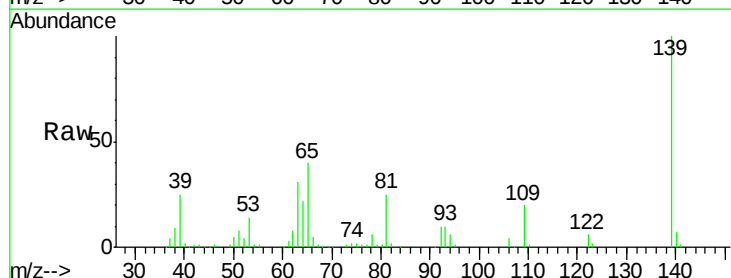
Tgt Ion: 139 Resp: 86400

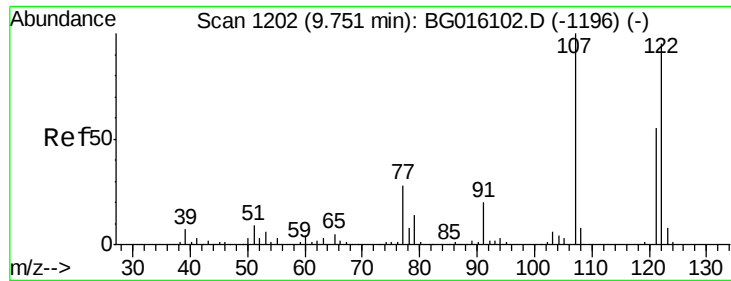
Ion Ratio Lower Upper

139 100

109 19.6 15.7 23.5

65 39.7 30.1 45.1

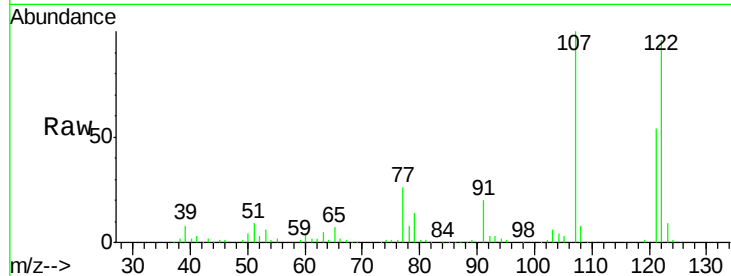




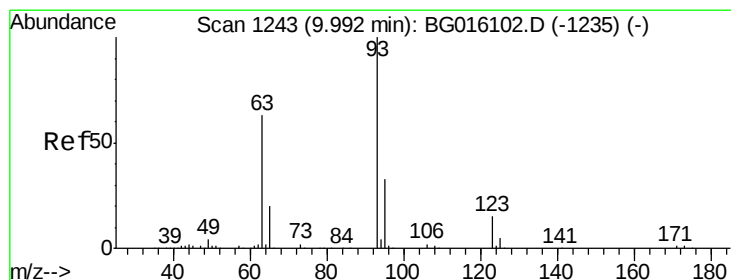
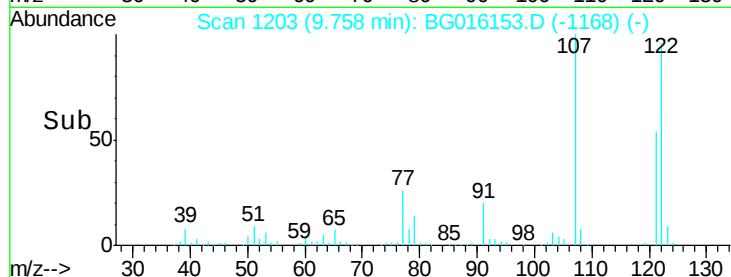
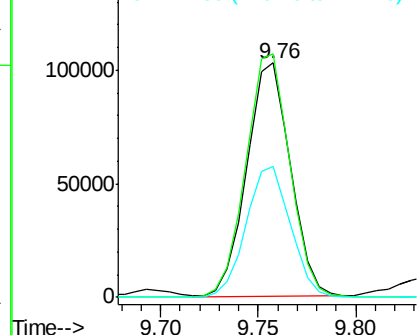
#27
 2,4-Dimethylphenol
 Concen: 49.62 ng
 RT: 9.76 min Scan# 1203
 Delta R.T. 0.01 min
 Lab File: BG016153.D
 Acq: 26 Mar 2015 22:42

Instrument :
 BNA_G
 ClientSampleID :
 PB82341BS

Tgt Ion: 122 Resp: 159616
 Ion Ratio Lower Upper
 122 100
 107 103.8 83.6 125.4
 121 55.9 45.6 68.4

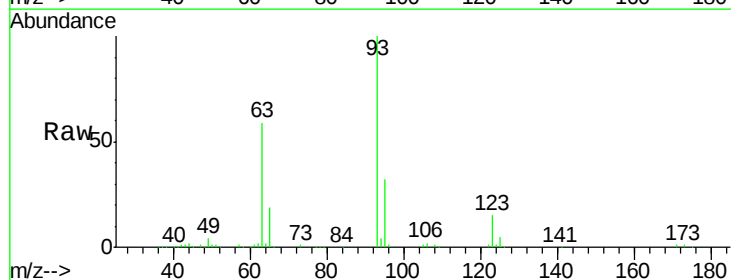


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

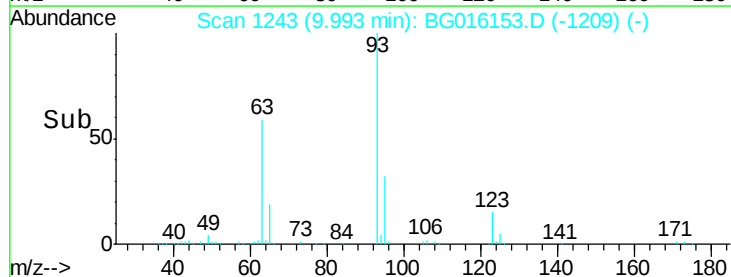
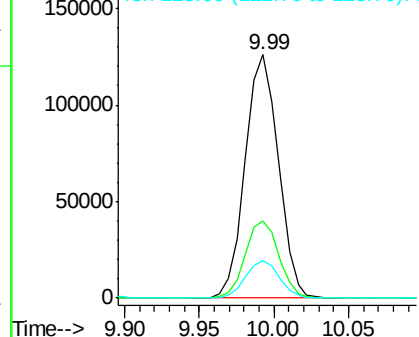


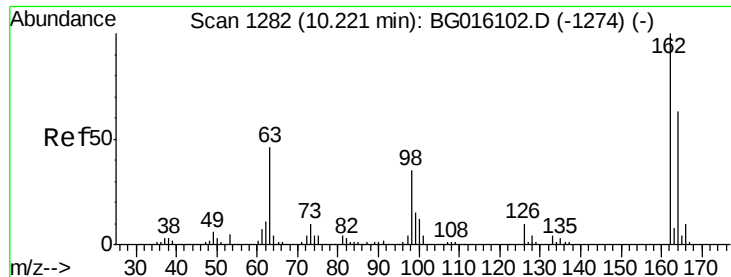
#28
 bis(2-Chloroethoxy)methane
 Concen: 45.26 ng
 RT: 9.99 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BG016153.D
 Acq: 26 Mar 2015 22:42

Tgt Ion: 93 Resp: 193919
 Ion Ratio Lower Upper
 93 100
 95 31.9 26.4 39.6
 123 15.5 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: 51.78 ng

RT: 10.23 min Scan# 1283

Delta R.T. 0.01 min

Lab File: BG016153.D

Acq: 26 Mar 2015 22:42

Instrument :

BNA_G

ClientSampleId :

PB82341BS

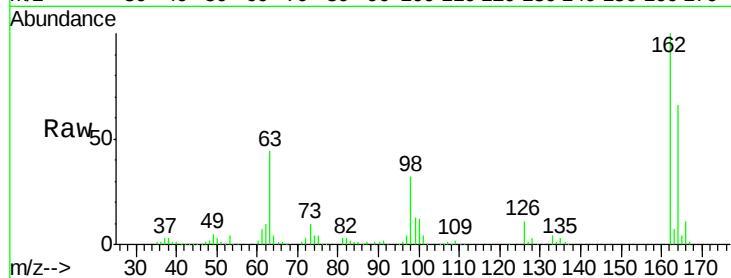
Tgt Ion:162 Resp: 146431

Ion Ratio Lower Upper

162 100

164 65.6 43.5 83.5

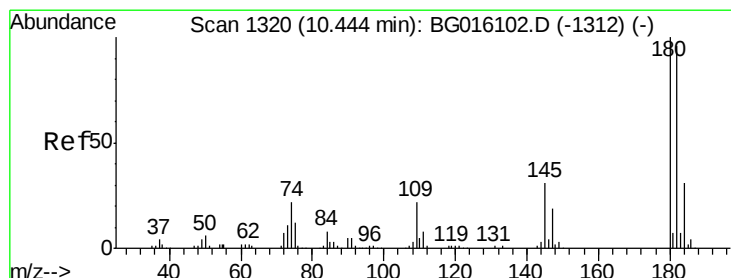
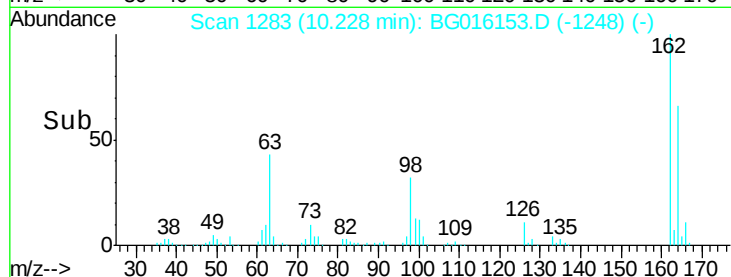
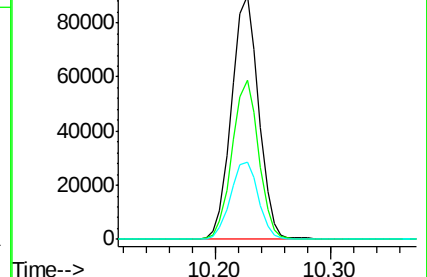
98 31.5 14.8 54.8



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: 44.91 ng

RT: 10.44 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BG016153.D

Acq: 26 Mar 2015 22:42

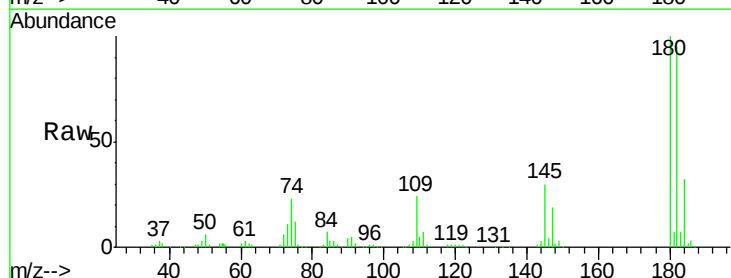
Tgt Ion:180 Resp: 136761

Ion Ratio Lower Upper

180 100

182 94.5 76.8 115.2

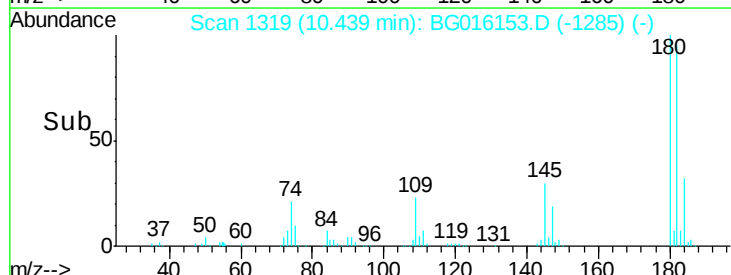
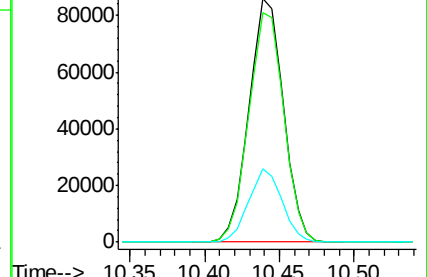
145 30.2 24.8 37.2



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

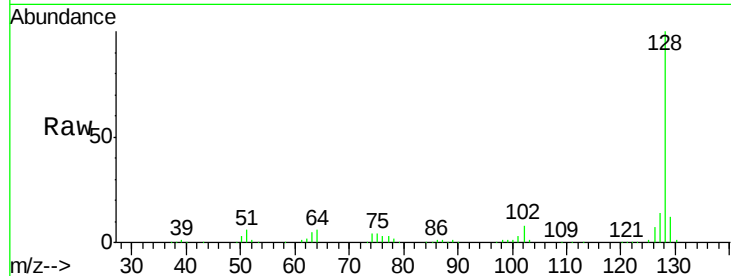




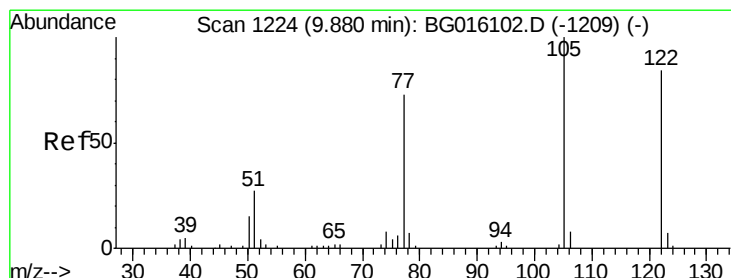
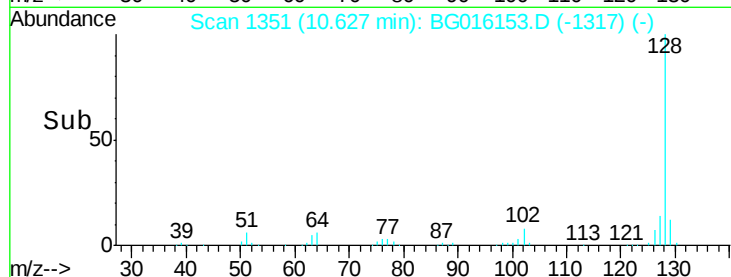
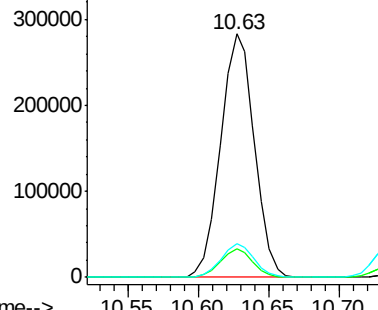
#31
Naphthalene
Concen: 43.40 ng
RT: 10.63 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BG016153.D
Acq: 26 Mar 2015 22:42

Instrument :
BNA_G
ClientSampleId :
PB82341BS

Tgt Ion:128 Resp: 474339
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.8 10.9 16.3

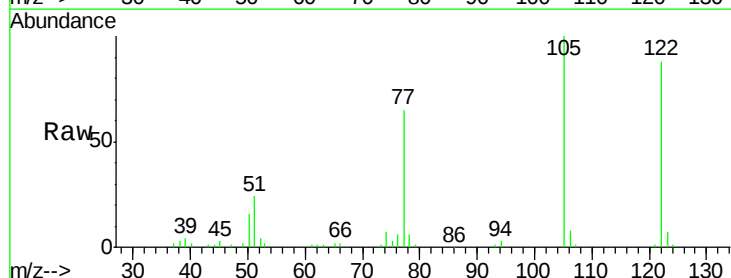


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

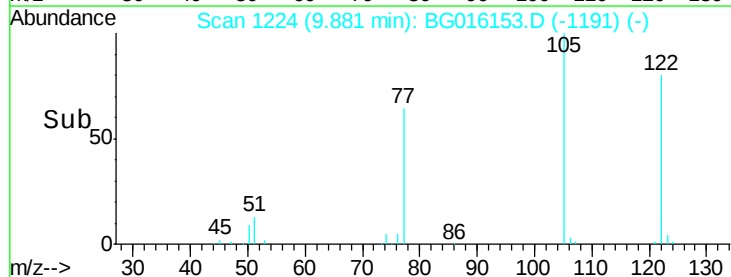
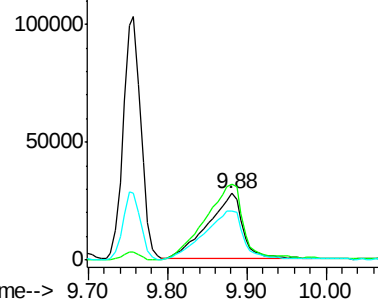


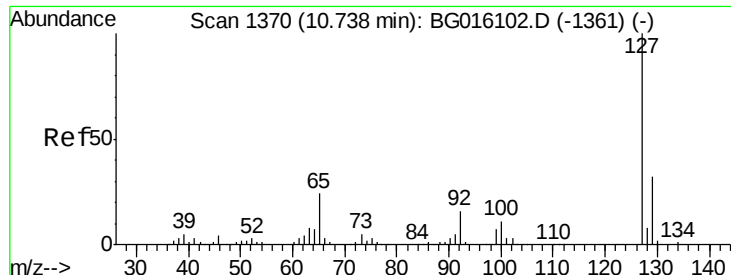
#32
Benzoic acid
Concen: 41.12 ng
RT: 9.88 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BG016153.D
Acq: 26 Mar 2015 22:42

Tgt Ion:122 Resp: 85771
Ion Ratio Lower Upper
122 100
105 113.9 97.2 137.2
77 74.5 65.0 105.0



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

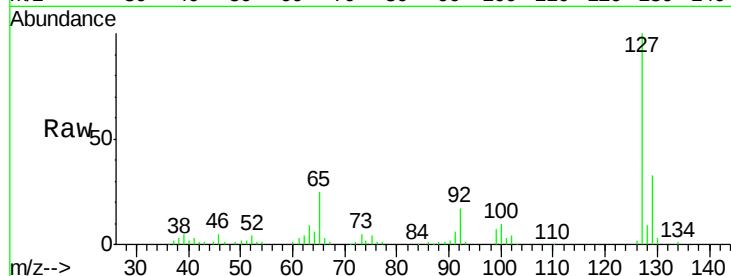




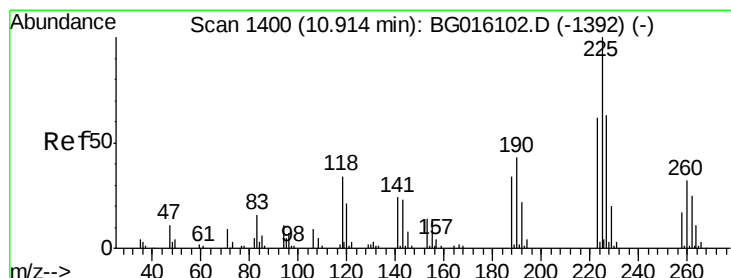
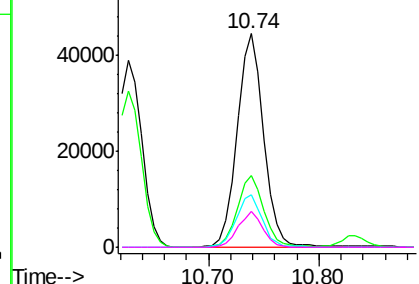
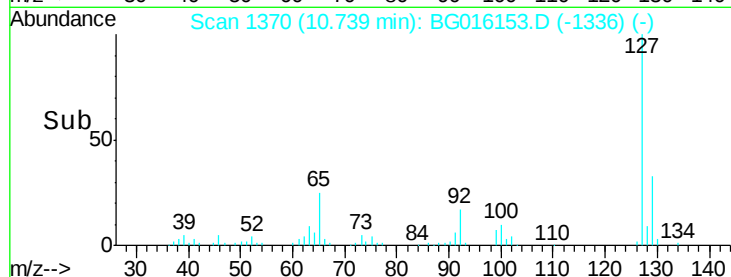
#33
4-Chloroaniline
Concen: 15.71 ng
RT: 10.74 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BG016153.D
Acq: 26 Mar 2015 22:42

Instrument :
BNA_G
ClientSampleId :
PB82341BS

Tgt Ion:	127	Resp:	75166
Ion	Ratio	Lower	Upper
127	100		
129	33.4	25.3	37.9
65	24.6	19.5	29.3
92	16.7	13.1	19.7

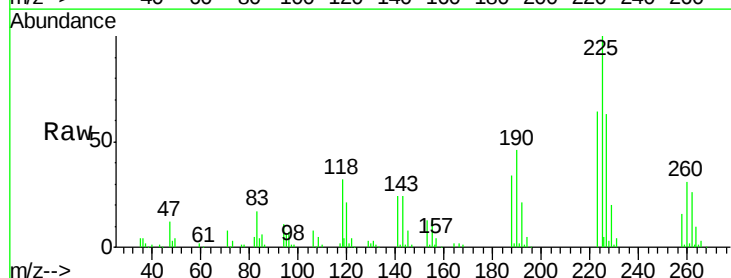


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

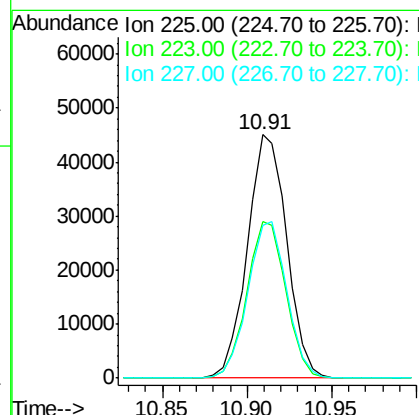
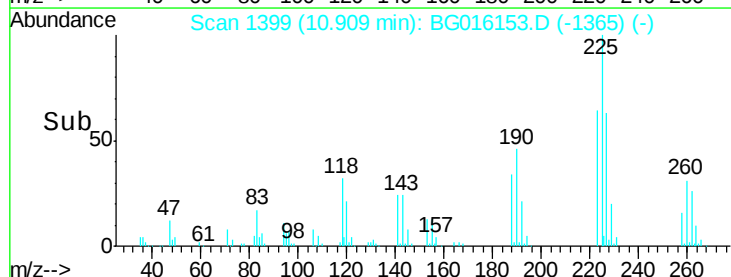


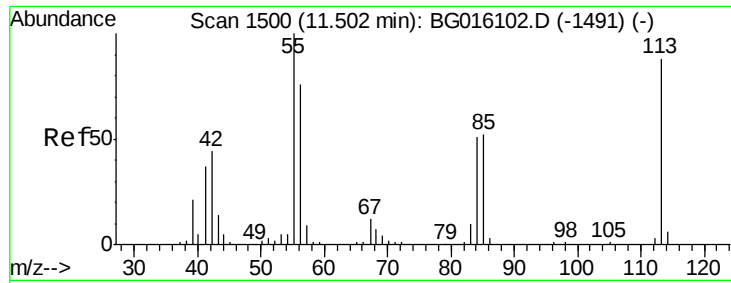
#34
Hexachlorobutadiene
Concen: 43.93 ng
RT: 10.91 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BG016153.D
Acq: 26 Mar 2015 22:42

Tgt Ion:	225	Resp:	72784
Ion	Ratio	Lower	Upper
225	100		
223	64.2	49.5	74.3
227	62.8	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: 43.72 ng m

RT: 11.50 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BG016153.D

Acq: 26 Mar 2015 22:42

Instrument :

BNA_G

ClientSampleId :

PB82341BS

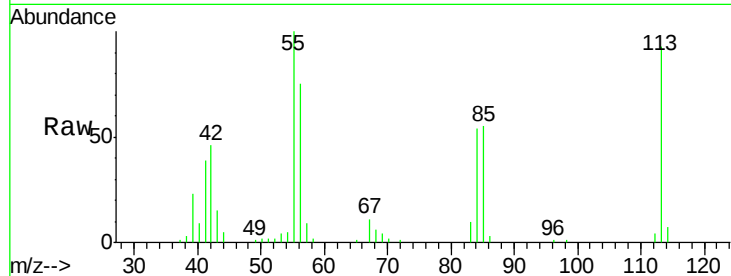
Tgt Ion:113 Resp: 67134

Ion Ratio Lower Upper

113 100

55 107.1 93.9 133.9

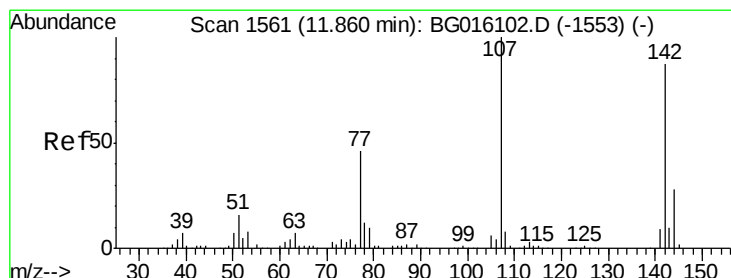
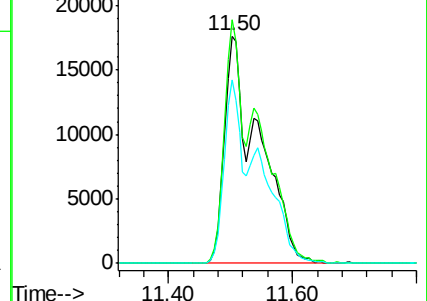
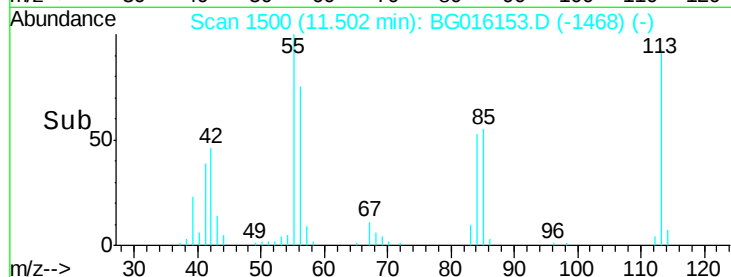
56 80.6 67.1 107.1



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: 46.78 ng

RT: 11.86 min Scan# 1561

Delta R.T. 0.00 min

Lab File: BG016153.D

Acq: 26 Mar 2015 22:42

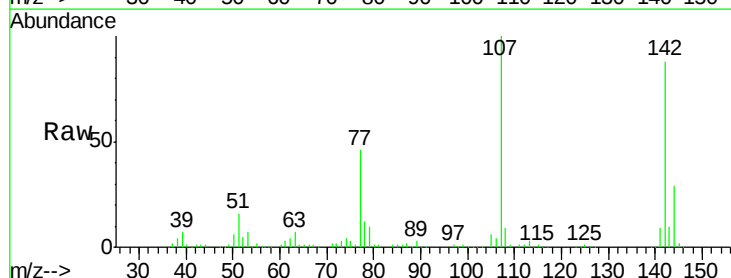
Tgt Ion:107 Resp: 156071

Ion Ratio Lower Upper

107 100

144 29.3 22.7 34.1

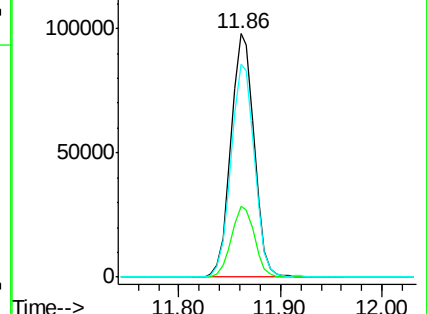
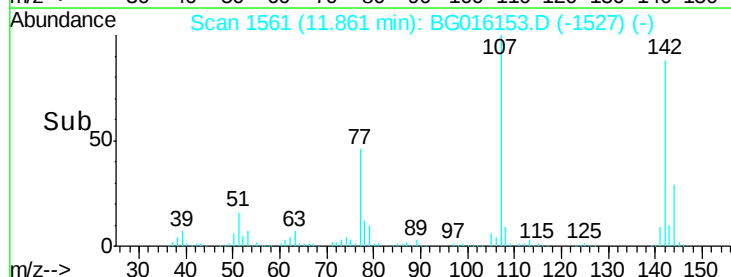
142 87.6 69.7 104.5

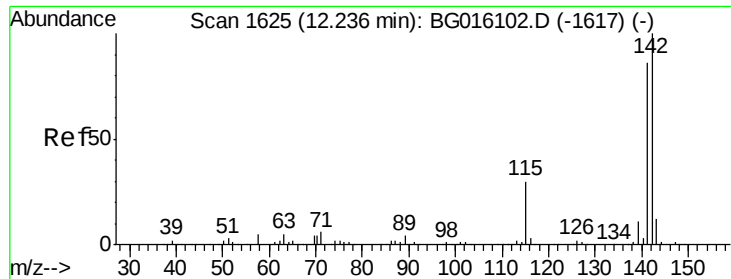


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

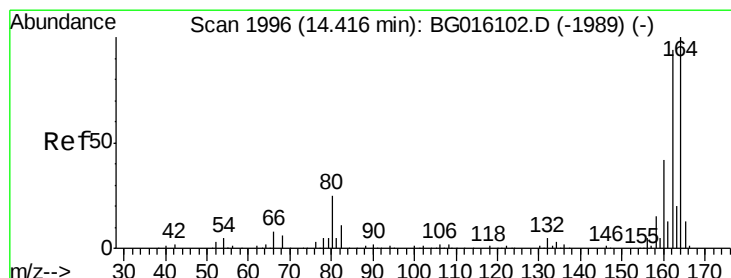
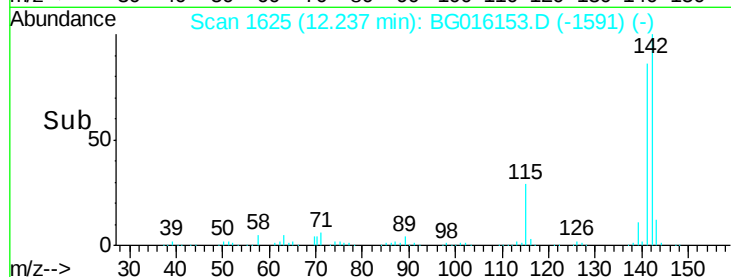
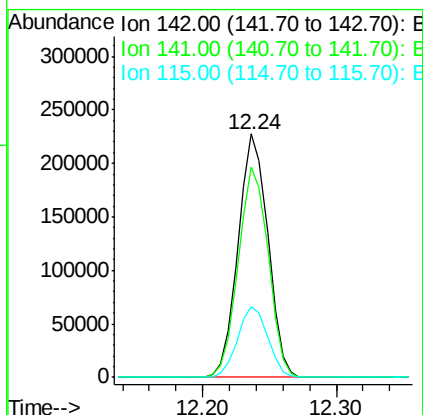
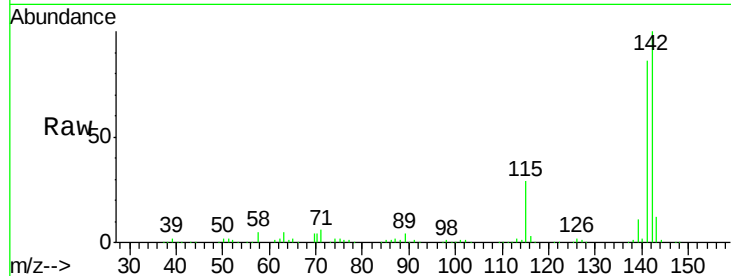




#37
2-Methylnaphthalene
Concen: 45.01 ng
RT: 12.24 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BG016153.D
Acq: 26 Mar 2015 22:42

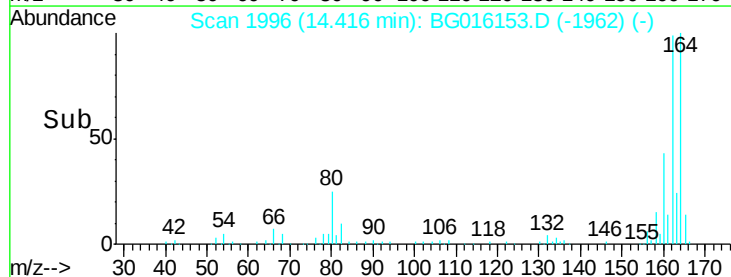
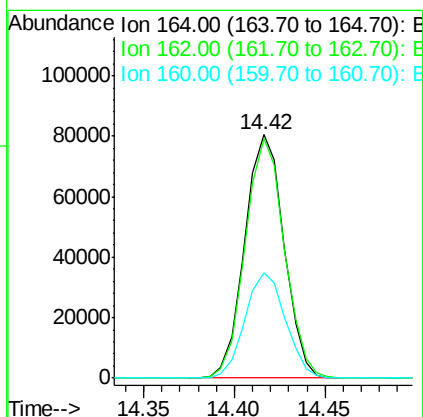
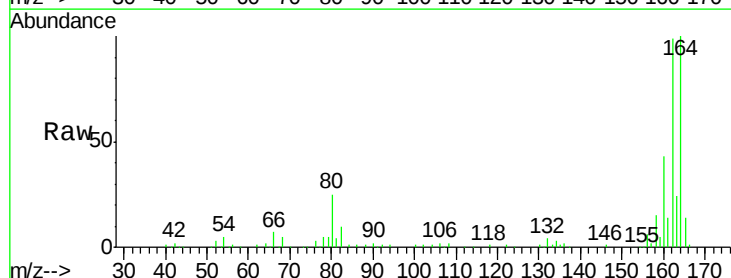
Instrument :
BNA_G
ClientSampleId :
PB82341BS

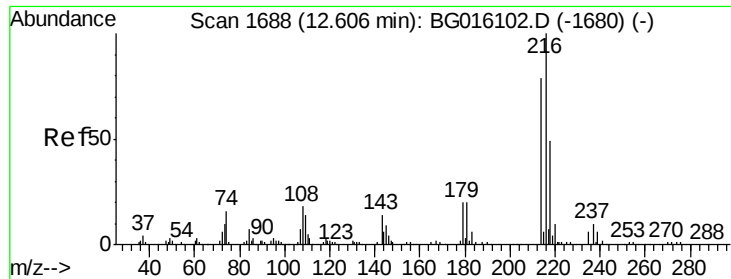
Tgt Ion:142 Resp: 351138
Ion Ratio Lower Upper
142 100
141 86.2 68.6 103.0
115 28.9 24.0 36.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.42 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BG016153.D
Acq: 26 Mar 2015 22:42

Tgt Ion:164 Resp: 121051
Ion Ratio Lower Upper
164 100
162 98.5 75.2 112.8
160 43.3 33.9 50.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.84 ng

RT: 12.61 min Scan# 1688

Delta R.T. 0.00 min

Lab File: BG016153.D

Acq: 26 Mar 2015 22:42

Instrument :

BNA_G

ClientSampleId :

PB82341BS

Tgt Ion:216 Resp: 148905

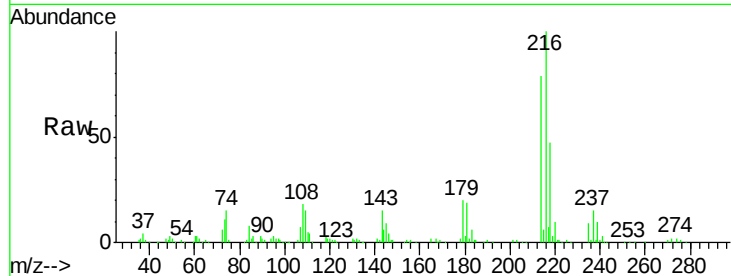
Ion Ratio Lower Upper

216 100

214 78.1 63.0 94.6

179 19.5 15.4 23.2

108 21.4 15.8 23.6

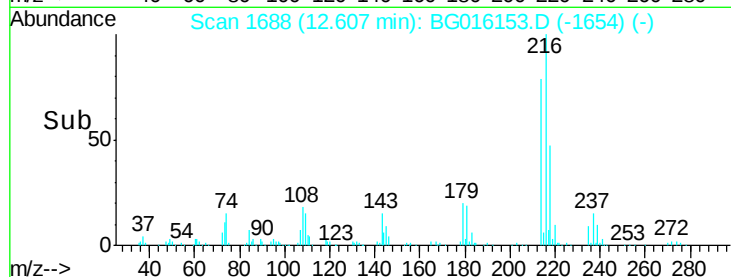


Abundance Ion 216.00 (215.70 to 216.70): E

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



Abundance

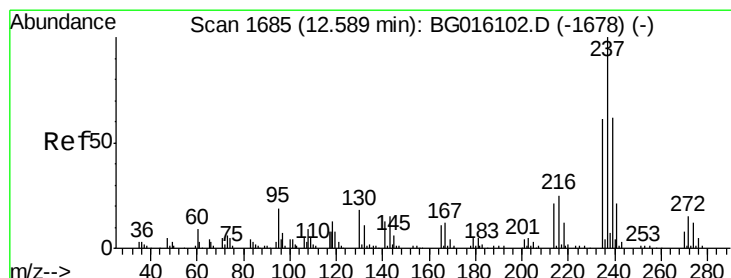
12.61

100000

50000

0

Time-->



#40

Hexachlorocyclopentadiene

Concen: 102.07 ng

RT: 12.59 min Scan# 1685

Delta R.T. 0.01 min

Lab File: BG016153.D

Acq: 26 Mar 2015 22:42

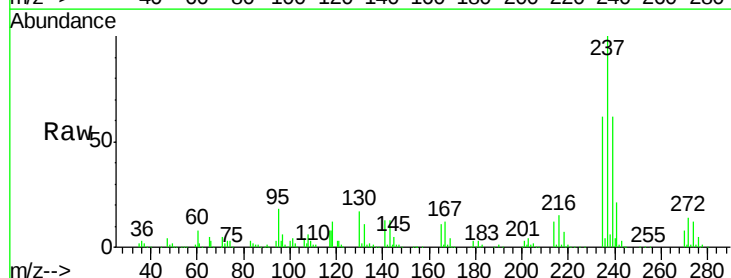
Tgt Ion:237 Resp: 181956

Ion Ratio Lower Upper

237 100

235 61.5 41.5 81.5

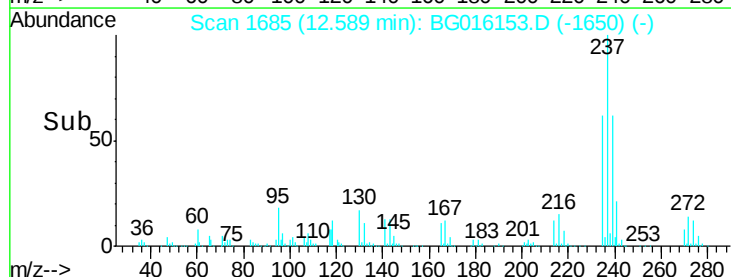
272 14.2 0.0 35.3



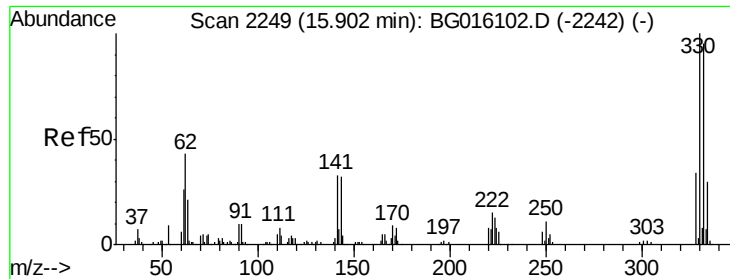
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



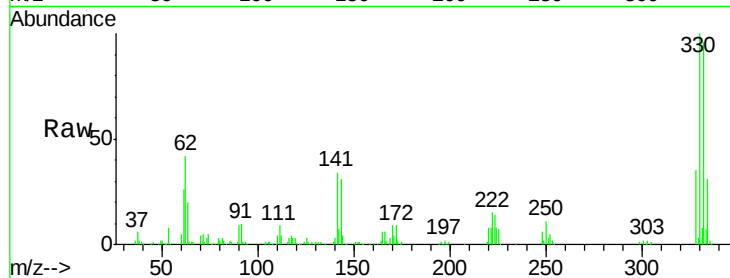
Time-->



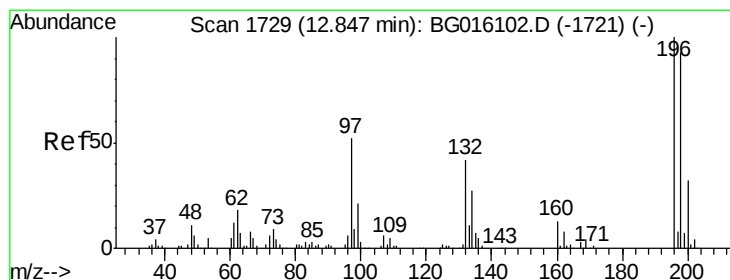
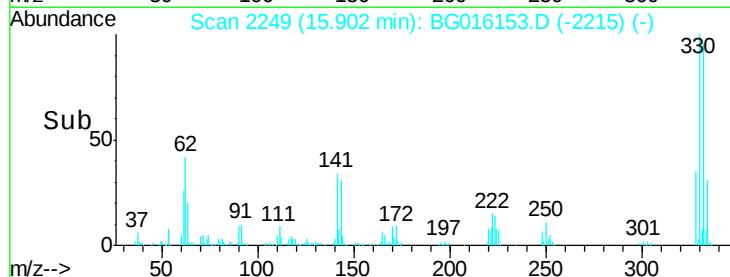
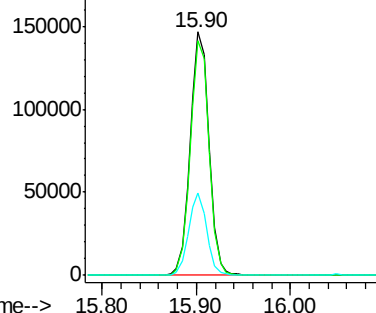
#41
 2,4,6-Tribromophenol
 Concen: 146.95 ng
 RT: 15.90 min Scan# 2249
 Delta R.T. 0.00 min
 Lab File: BG016153.D
 Acq: 26 Mar 2015 22:42

Instrument :
 BNA_G
 ClientSampleId :
 PB82341BS

Tgt Ion:330 Resp: 204257
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 114.8
 141 32.7 26.2 39.4

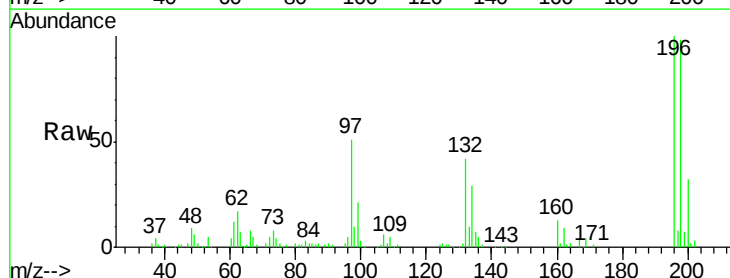


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

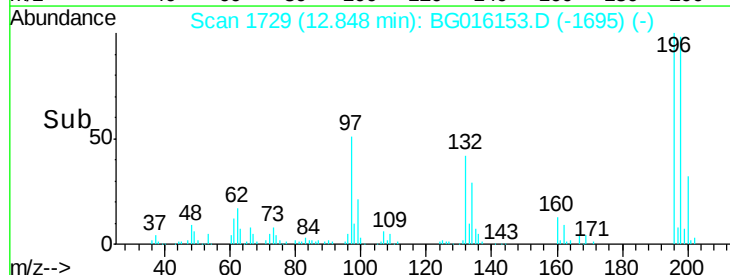
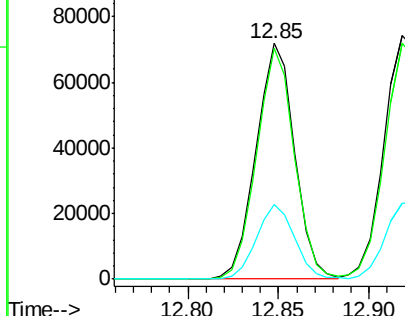


#42
 2,4,6-Trichlorophenol
 Concen: 48.90 ng
 RT: 12.85 min Scan# 1729
 Delta R.T. 0.00 min
 Lab File: BG016153.D
 Acq: 26 Mar 2015 22:42

Tgt Ion:196 Resp: 106487
 Ion Ratio Lower Upper
 196 100
 198 97.7 74.0 111.0
 200 31.7 25.7 38.5



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

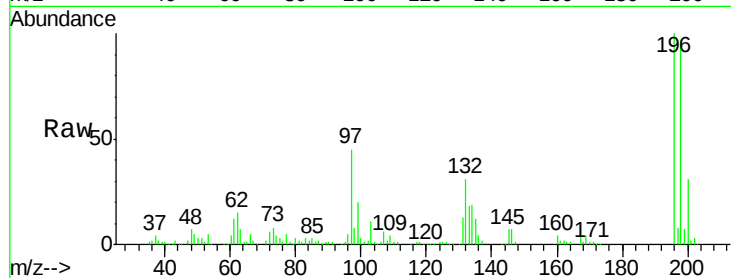




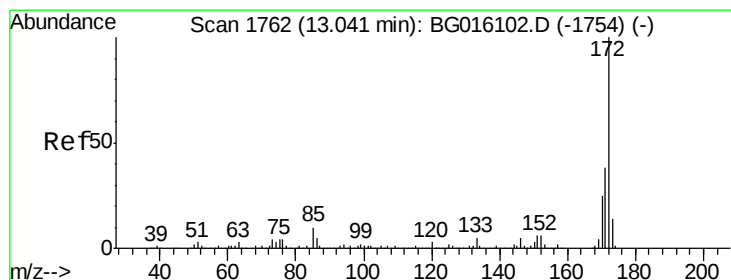
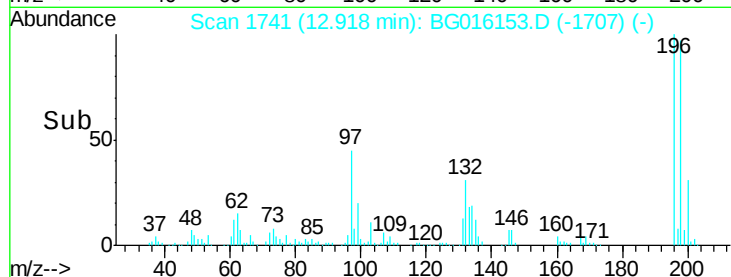
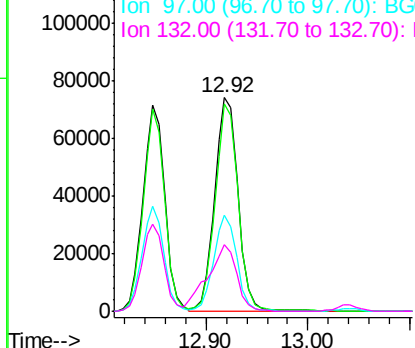
#43
 2,4,5-Trichlorophenol
 Concen: 49.91 ng
 RT: 12.92 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: BG016153.D
 Acq: 26 Mar 2015 22:42

Instrument :
 BNA_G
 ClientSampleId :
 PB82341BS

Tgt Ion:196 Resp: 118549
 Ion Ratio Lower Upper
 196 100
 198 96.9 76.2 114.4
 97 45.0 36.2 54.4
 132 31.0 23.6 35.4

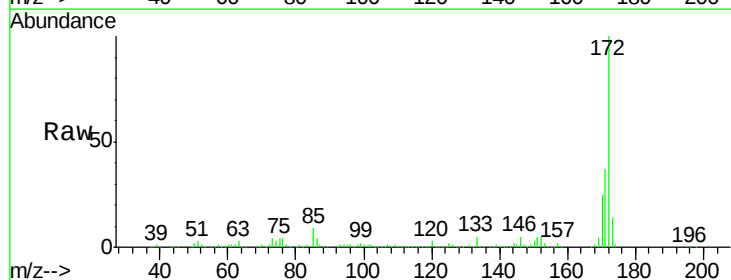


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

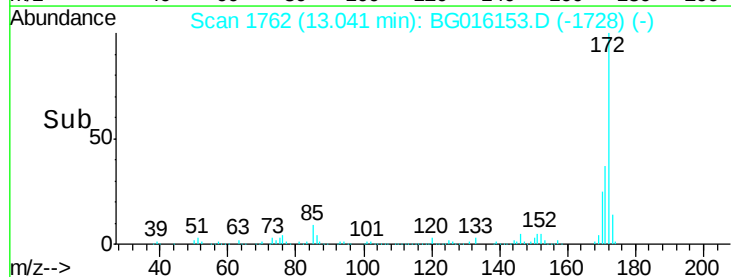
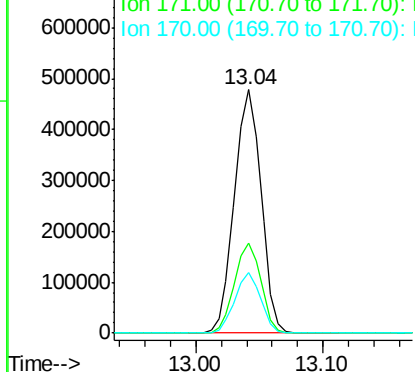


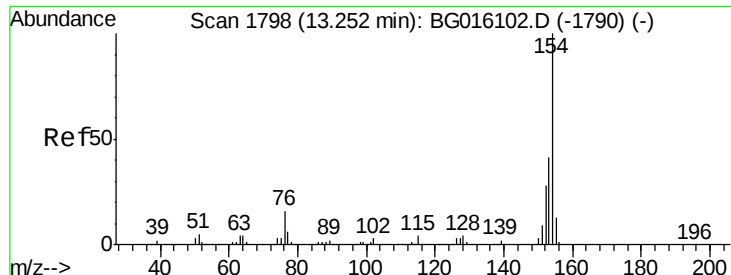
#44
 2-Fluorobiphenyl
 Concen: 95.92 ng
 RT: 13.04 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: BG016153.D
 Acq: 26 Mar 2015 22:42

Tgt Ion:172 Resp: 693642
 Ion Ratio Lower Upper
 172 100
 171 36.9 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: 47.79 ng

RT: 13.25 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BG016153.D

Acq: 26 Mar 2015 22:42

Instrument :

BNA_G

ClientSampleId :

PB82341BS

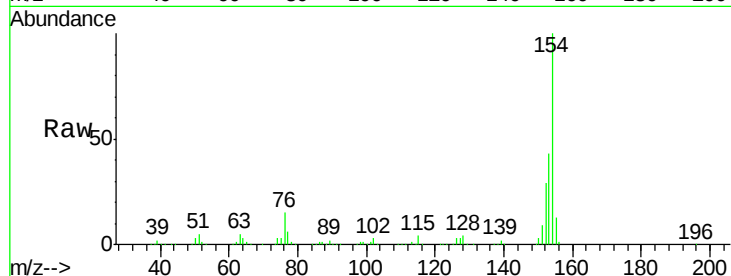
Tgt Ion:154 Resp: 424278

Ion Ratio Lower Upper

154 100

153 43.1 21.4 61.4

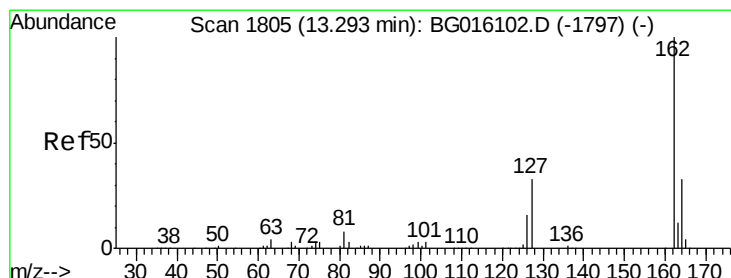
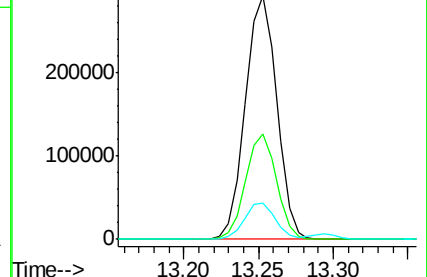
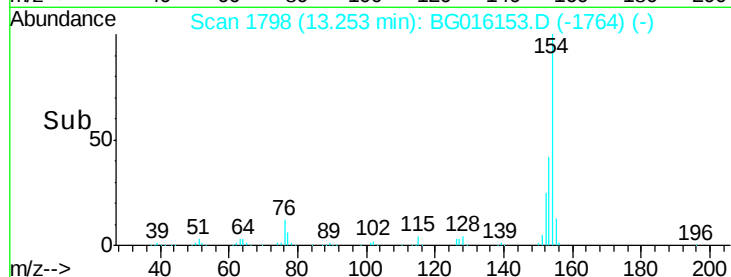
76 14.6 0.0 35.5



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: 46.52 ng

RT: 13.29 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BG016153.D

Acq: 26 Mar 2015 22:42

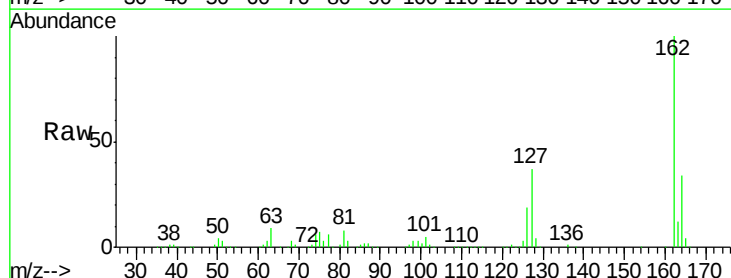
Tgt Ion:162 Resp: 322124

Ion Ratio Lower Upper

162 100

127 37.0 29.4 44.2

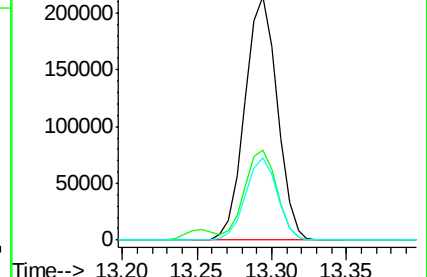
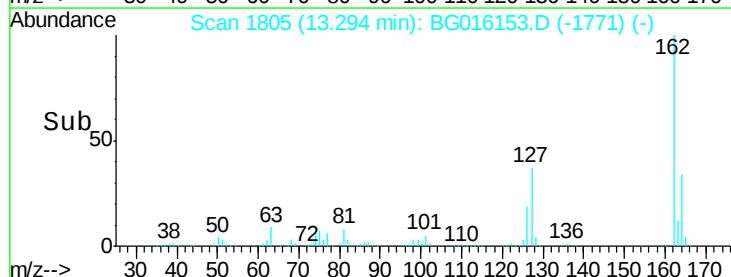
164 33.9 26.1 39.1

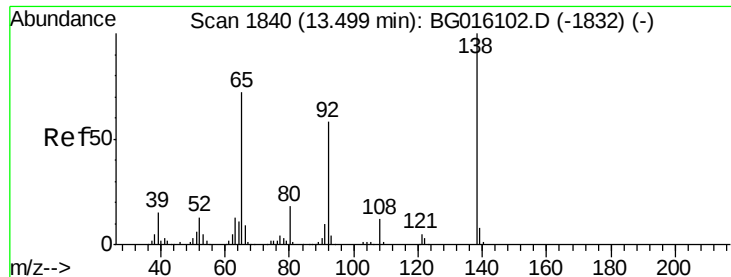


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

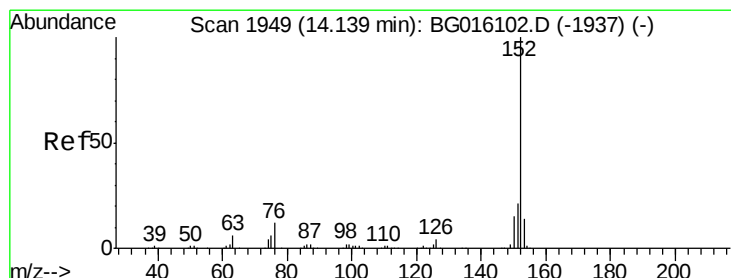
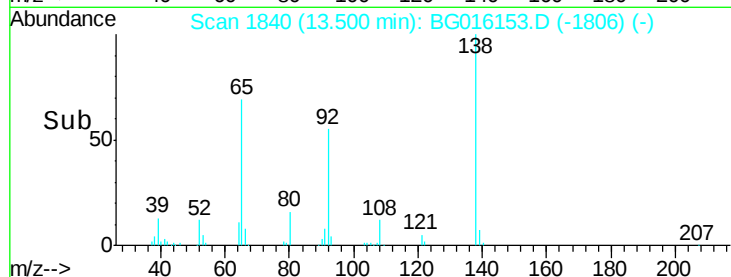
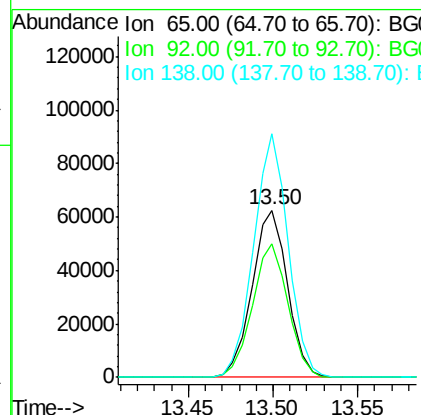
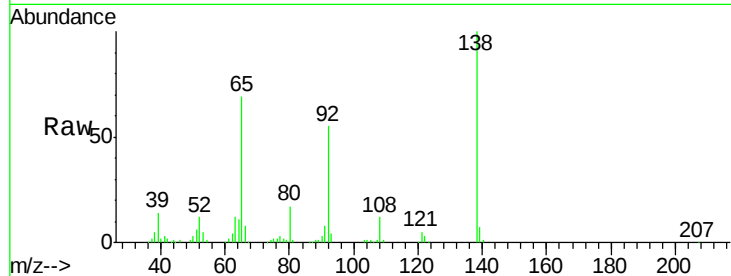




#47
 2-Nitroaniline
 Concen: 45.78 ng
 RT: 13.50 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BG016153.D
 Acq: 26 Mar 2015 22:42

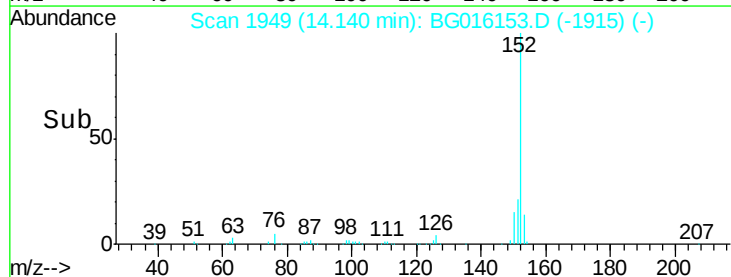
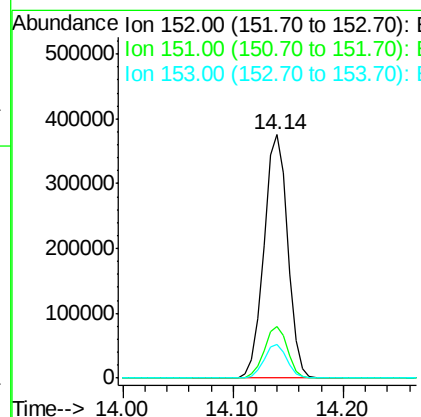
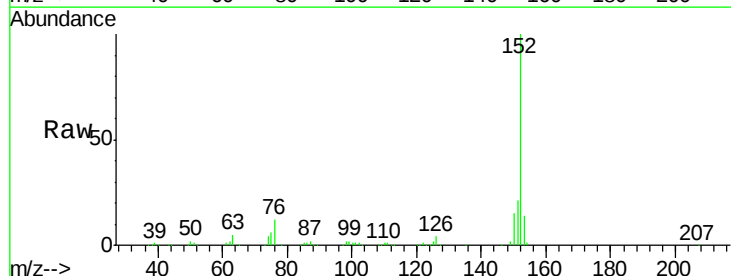
Instrument :
 BNA_G
 ClientSampleId :
 PB82341BS

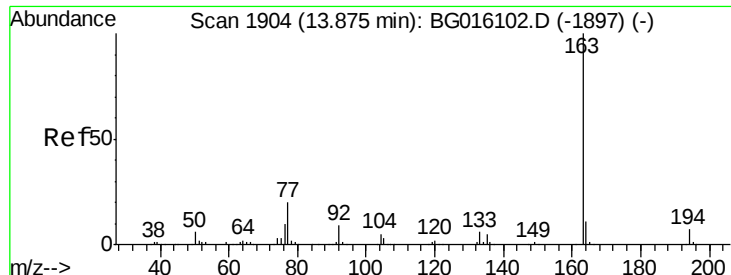
Tgt Ion: 65 Resp: 91064
 Ion Ratio Lower Upper
 65 100
 92 79.8 64.2 96.4
 138 145.8 110.4 165.6



#48
 Acenaphthylene
 Concen: 44.68 ng
 RT: 14.14 min Scan# 1949
 Delta R.T. 0.00 min
 Lab File: BG016153.D
 Acq: 26 Mar 2015 22:42

Tgt Ion: 152 Resp: 565339
 Ion Ratio Lower Upper
 152 100
 151 21.3 17.0 25.4
 153 13.8 11.0 16.4





#49

Dimethylphthalate

Concen: 47.26 ng

RT: 13.88 min Scan# 1904

Delta R.T. -0.00 min

Lab File: BG016153.D

Acq: 26 Mar 2015 22:42

Instrument :

BNA_G

ClientSampleId :

PB82341BS

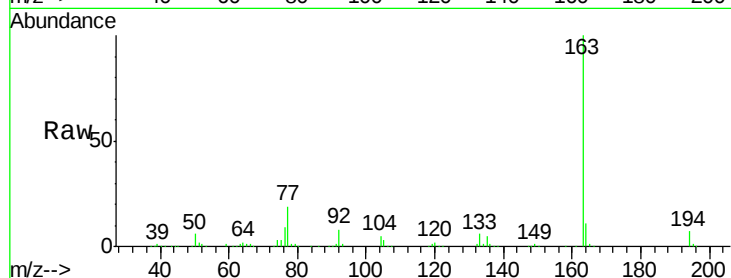
Tgt Ion:163 Resp: 401188

Ion Ratio Lower Upper

163 100

194 6.9 5.4 8.0

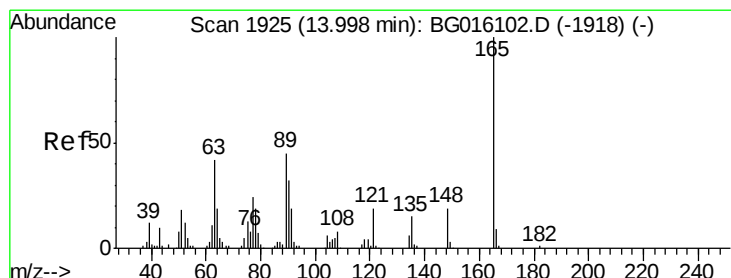
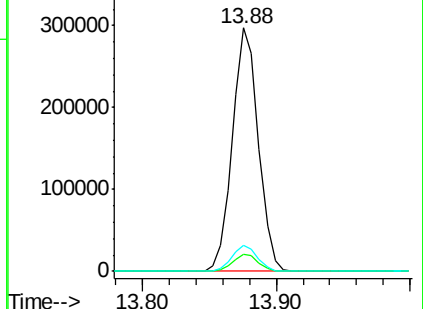
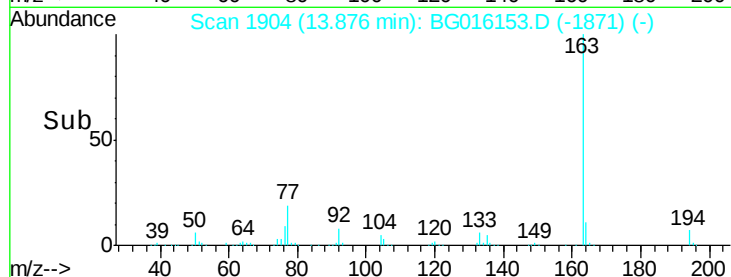
164 10.8 8.6 13.0



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: 48.38 ng

RT: 13.99 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BG016153.D

Acq: 26 Mar 2015 22:42

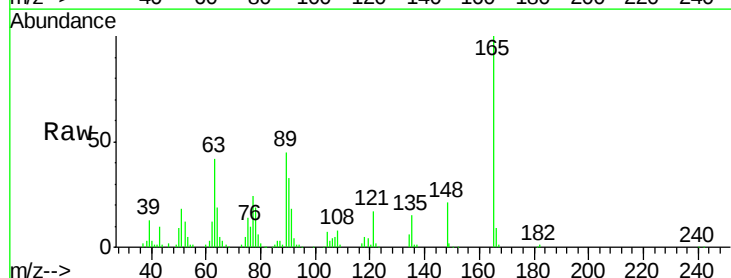
Tgt Ion:165 Resp: 97401

Ion Ratio Lower Upper

165 100

63 41.8 33.8 50.6

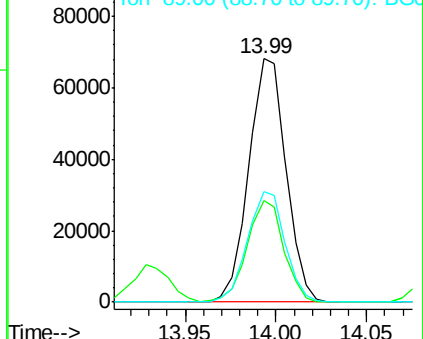
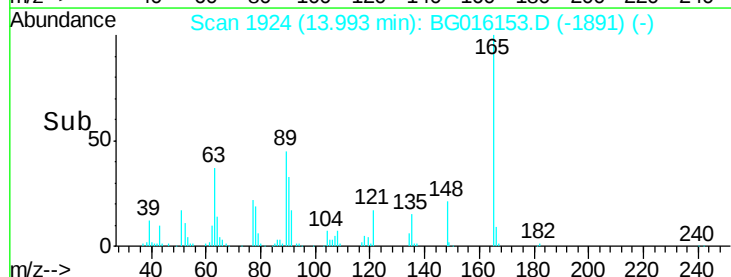
89 45.4 35.8 53.8

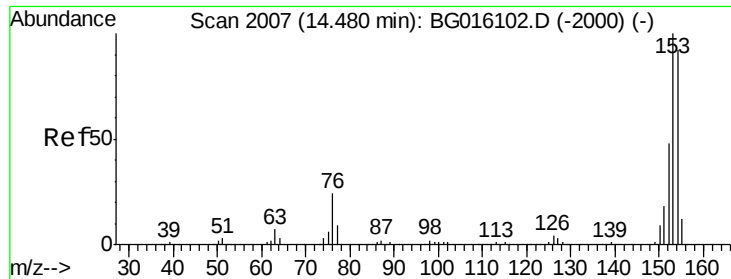


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 44.71 ng

RT: 14.48 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BG016153.D

Acq: 26 Mar 2015 22:42

Instrument :

BNA_G

ClientSampleId :

PB82341BS

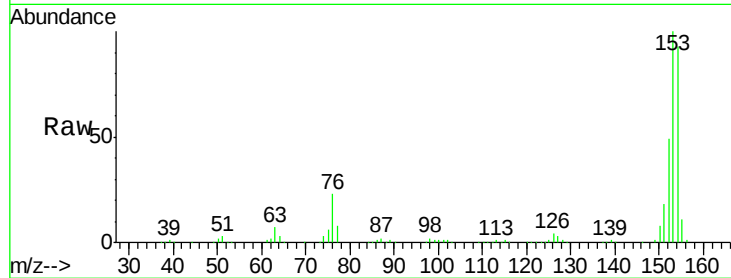
Tgt Ion:154 Resp: 341238

Ion Ratio Lower Upper

154 100

153 107.7 87.2 130.8

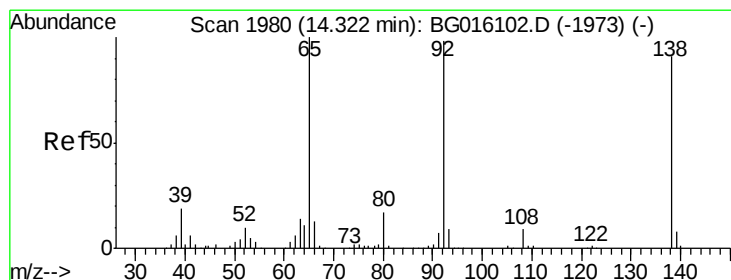
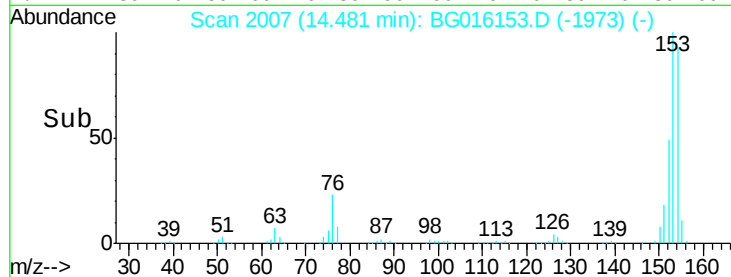
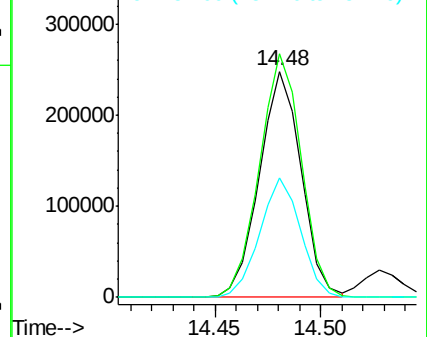
152 52.6 41.8 62.6



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: 30.81 ng

RT: 14.32 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BG016153.D

Acq: 26 Mar 2015 22:42

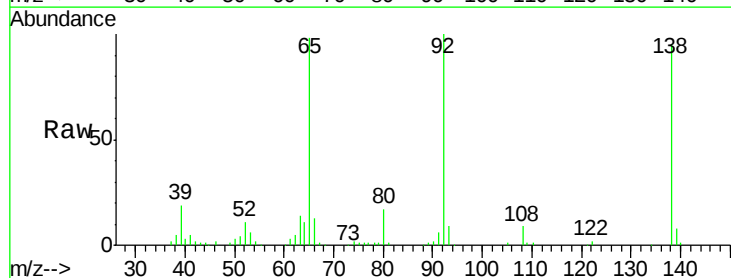
Tgt Ion:138 Resp: 75957

Ion Ratio Lower Upper

138 100

108 9.0 7.8 11.6

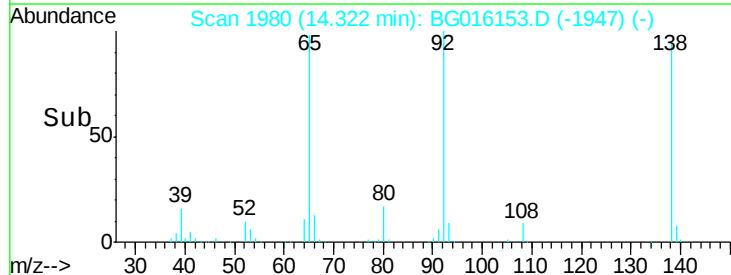
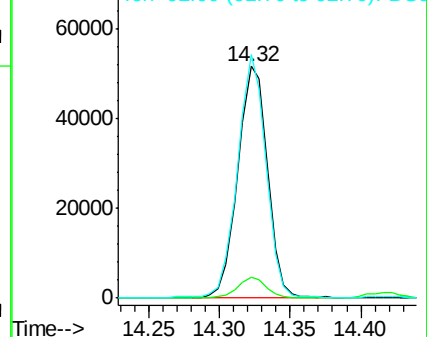
92 105.1 85.8 128.8

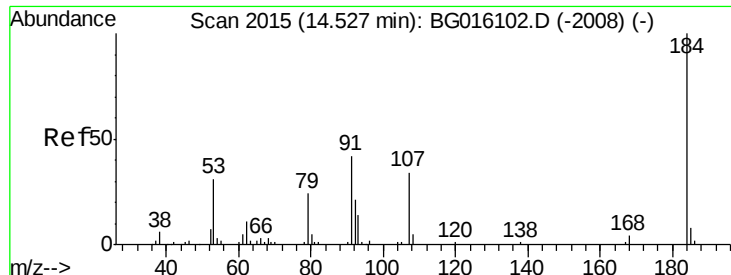


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

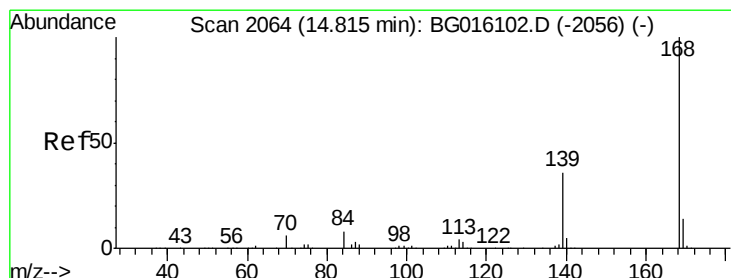
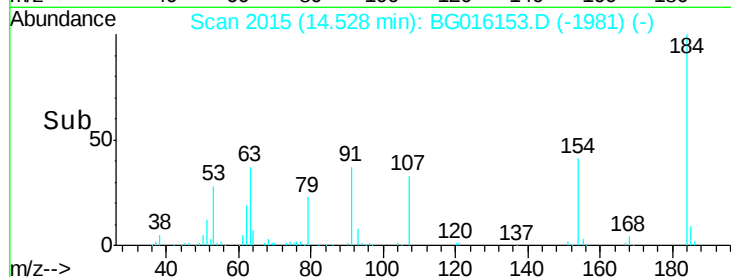
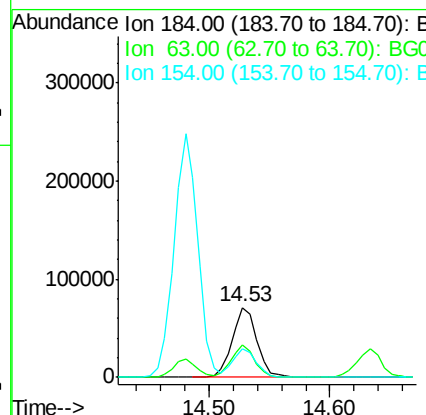
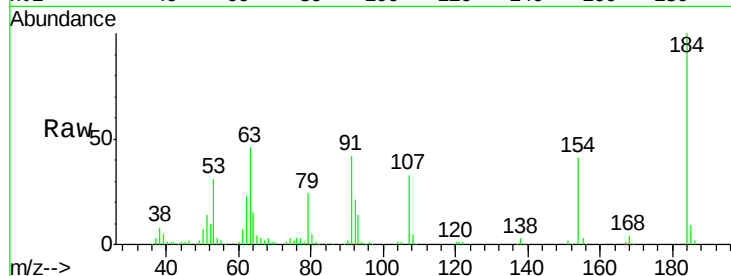




#53
2,4-Dinitrophenol
Concen: 82.41 ng
RT: 14.53 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BG016153.D
Acq: 26 Mar 2015 22:42

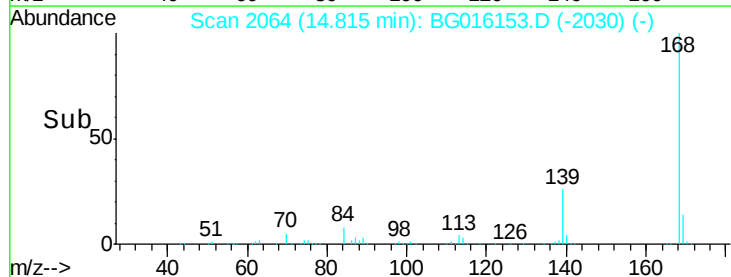
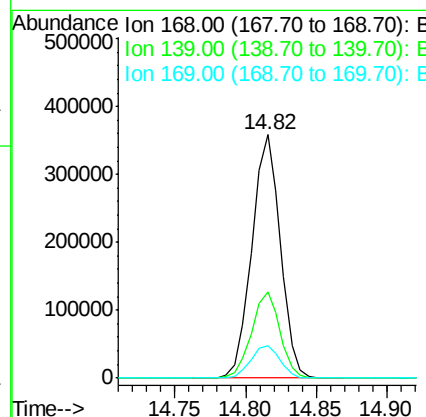
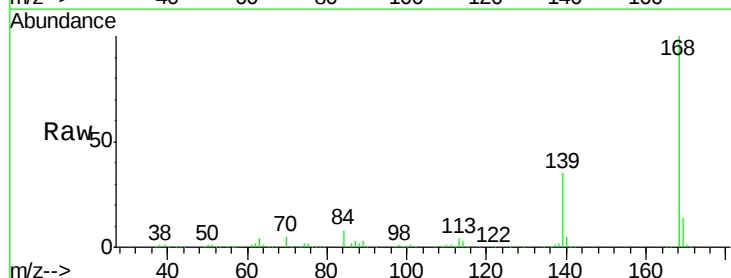
Instrument :
BNA_G
ClientSampleId :
PB82341BS

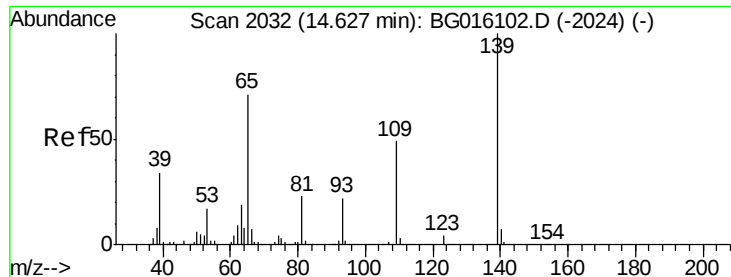
Tgt Ion:184 Resp: 101976
Ion Ratio Lower Upper
184 100
63 45.7 36.5 54.7
154 41.4 30.2 45.4



#54
Dibenzofuran
Concen: 47.58 ng
RT: 14.82 min Scan# 2064
Delta R.T. 0.00 min
Lab File: BG016153.D
Acq: 26 Mar 2015 22:42

Tgt Ion:168 Resp: 507378
Ion Ratio Lower Upper
168 100
139 35.4 29.0 43.4
169 13.5 11.1 16.7

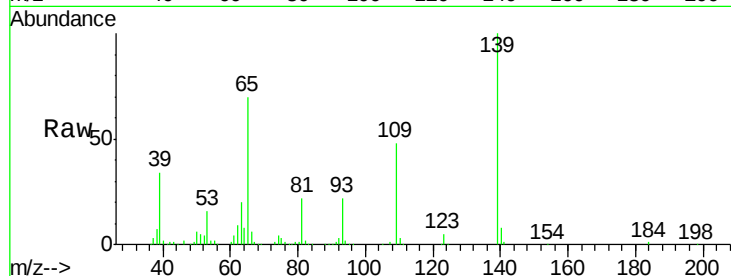




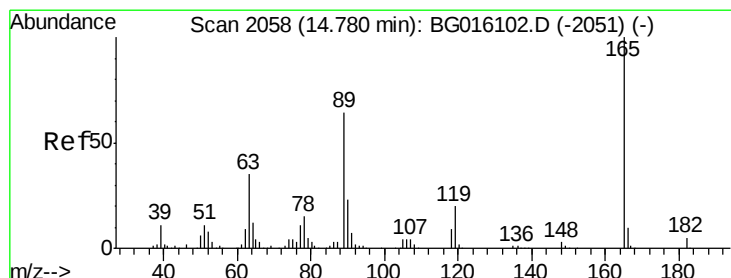
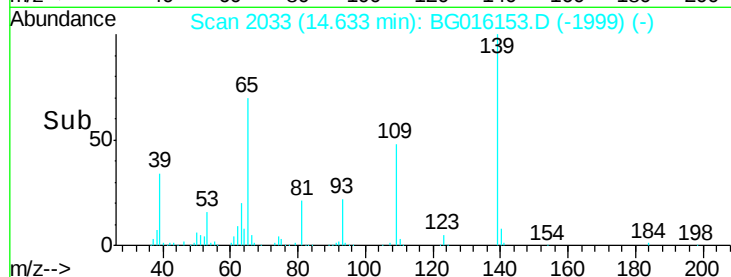
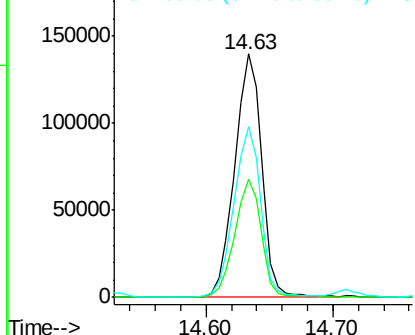
#55
4-Nitrophenol
Concen: 102.99 ng
RT: 14.63 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BG016153.D
Acq: 26 Mar 2015 22:42

Instrument :
BNA_G
ClientSampleId :
PB82341BS

Tgt Ion:139 Resp: 205670
Ion Ratio Lower Upper
139 100
109 48.4 28.7 68.7
65 70.0 50.7 90.7

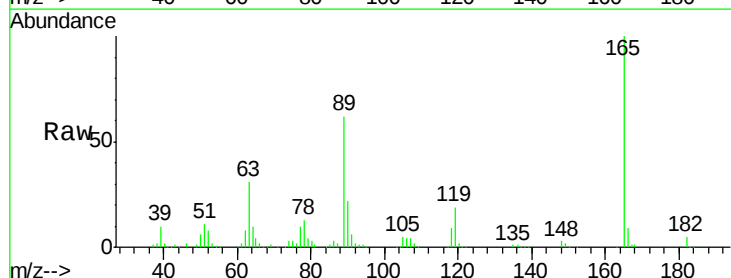


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

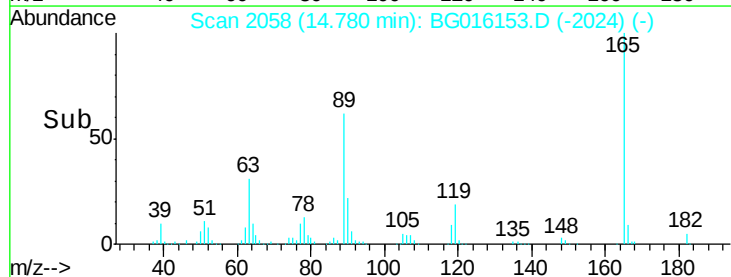
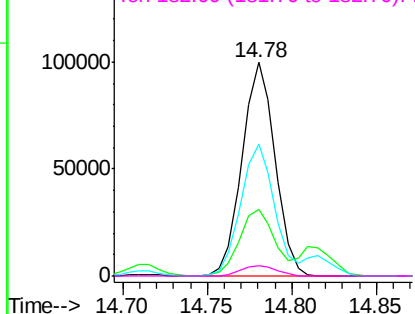


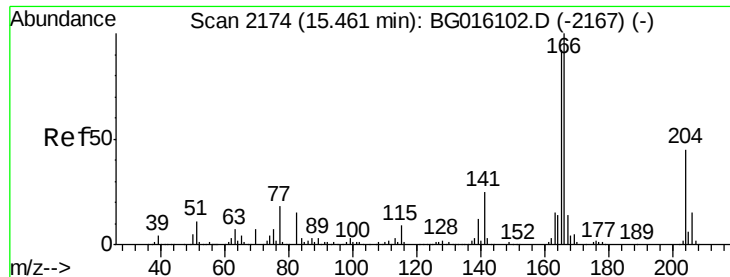
#56
2,4-Dinitrotoluene
Concen: 49.11 ng
RT: 14.78 min Scan# 2058
Delta R.T. 0.00 min
Lab File: BG016153.D
Acq: 26 Mar 2015 22:42

Tgt Ion:165 Resp: 135463
Ion Ratio Lower Upper
165 100
63 31.4 27.8 41.6
89 61.5 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: 46.44 ng

RT: 15.46 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BG016153.D

Acq: 26 Mar 2015 22:42

Instrument :

BNA_G

ClientSampleId :

PB82341BS

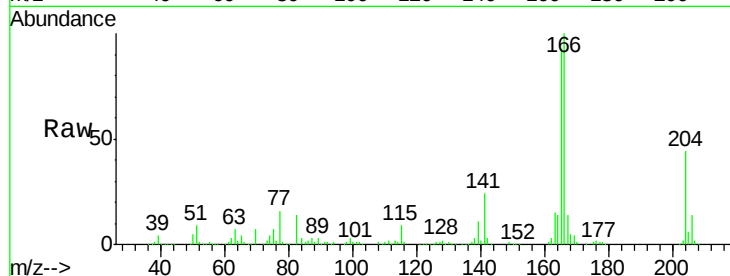
Tgt Ion:166 Resp: 441883

Ion Ratio Lower Upper

166 100

165 92.9 73.9 110.9

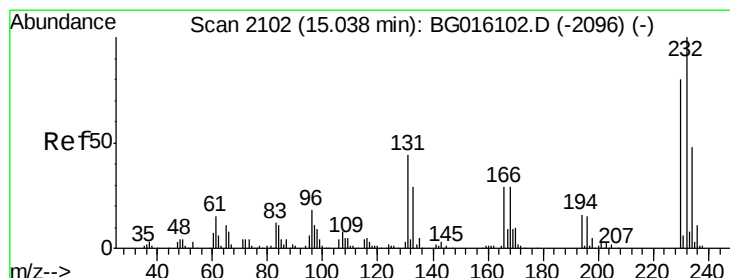
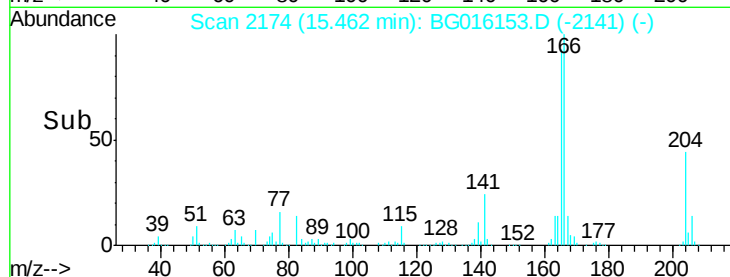
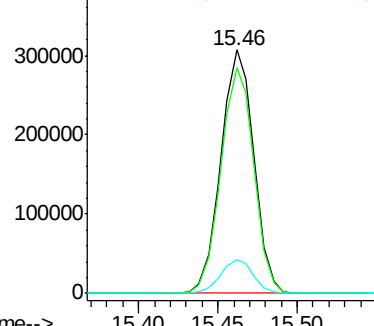
167 13.6 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.36 ng

RT: 15.04 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BG016153.D

Acq: 26 Mar 2015 22:42

Tgt Ion:232 Resp: 108735

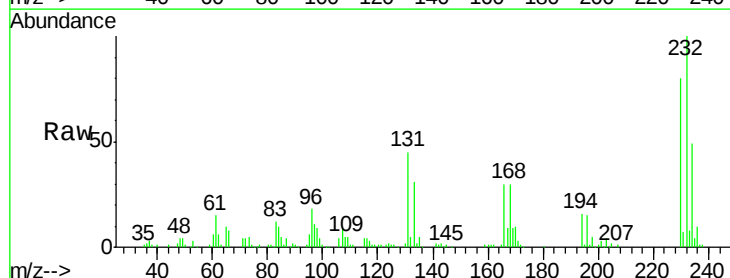
Ion Ratio Lower Upper

232 100

131 41.9 36.0 54.0

130 2.3 1.9 2.9

166 28.7 24.1 36.1

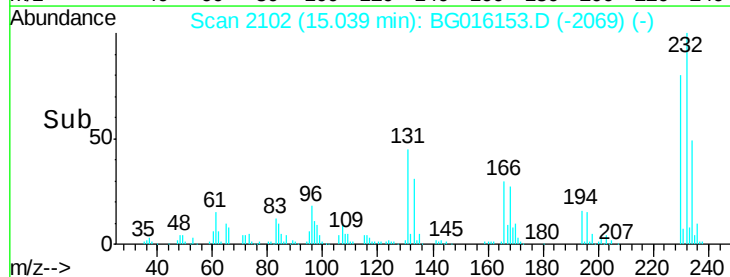
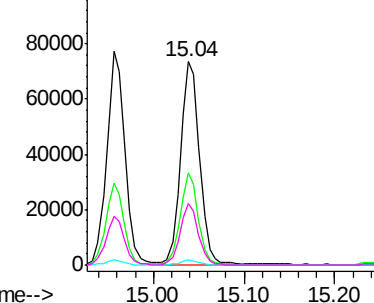


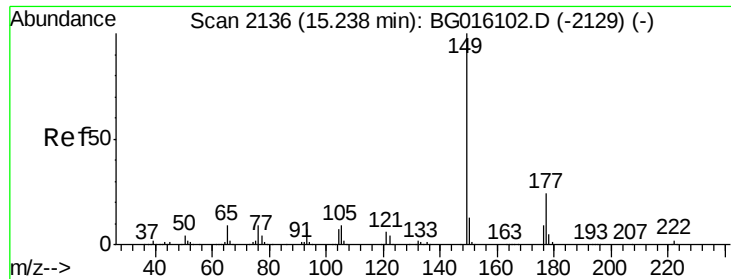
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

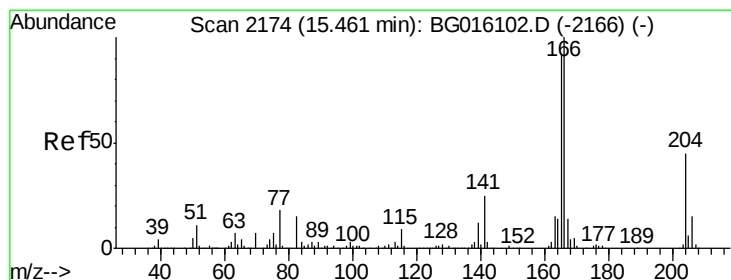
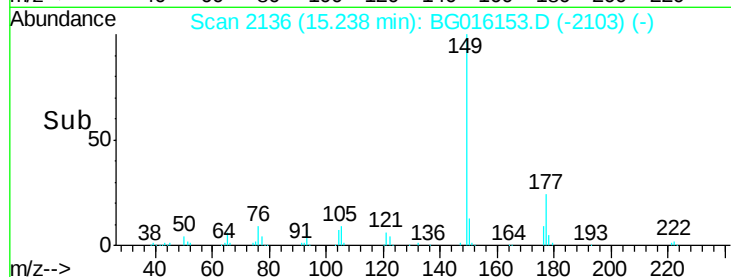
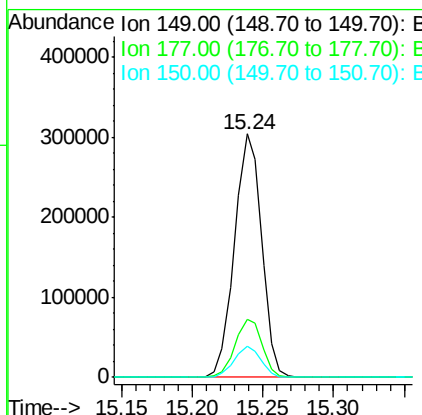
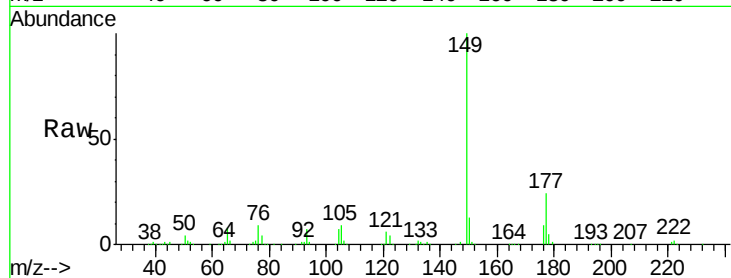




#59
Diethylphthalate
Concen: 46.57 ng
RT: 15.24 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG016153.D
Acq: 26 Mar 2015 22:42

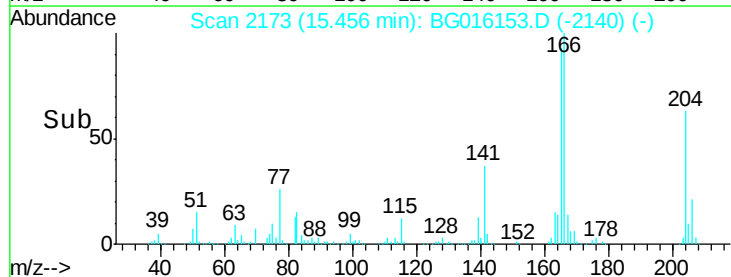
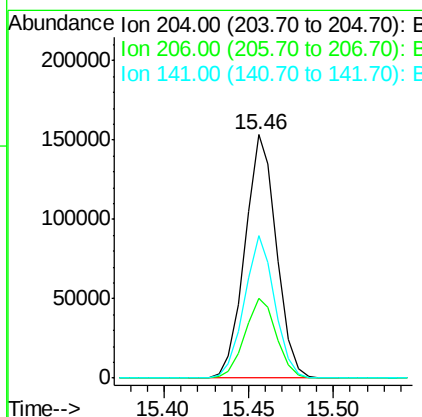
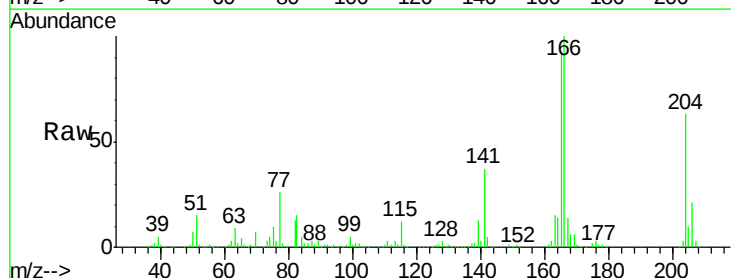
Instrument :
BNA_G
ClientSampleId :
PB82341BS

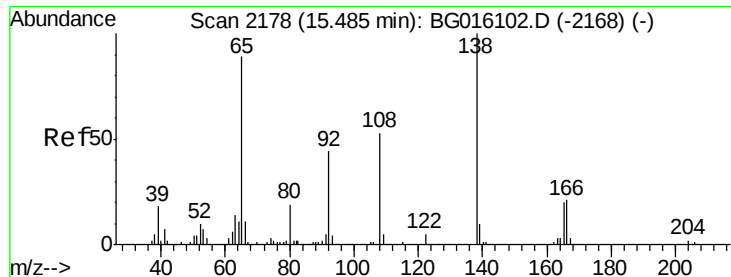
Tgt Ion:149 Resp: 406490
Ion Ratio Lower Upper
149 100
177 24.0 19.5 29.3
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 47.22 ng
RT: 15.46 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BG016153.D
Acq: 26 Mar 2015 22:42

Tgt Ion:204 Resp: 197627
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 58.3 45.0 67.6





#61

4-Nitroaniline

Concen: 47.51 ng

RT: 15.49 min Scan# 2178

Delta R.T. -0.00 min

Lab File: BG016153.D

Acq: 26 Mar 2015 22:42

Instrument :

BNA_G

ClientSampleId :

PB82341BS

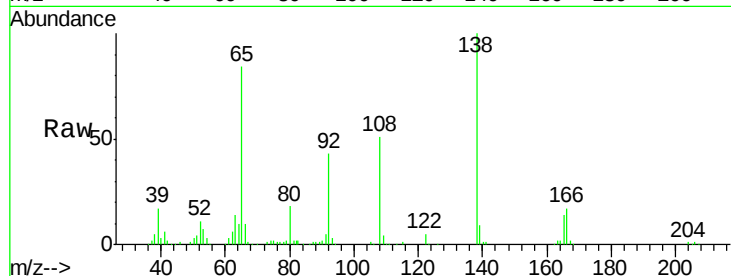
Tgt Ion: 138 Resp: 132525

Ion Ratio Lower Upper

138 100

92 42.7 24.2 64.2

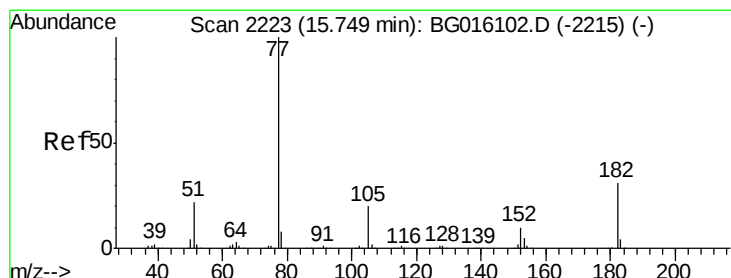
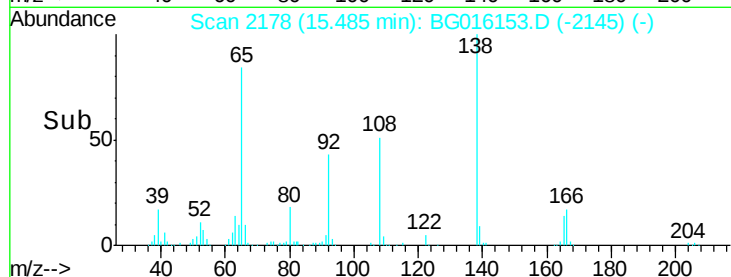
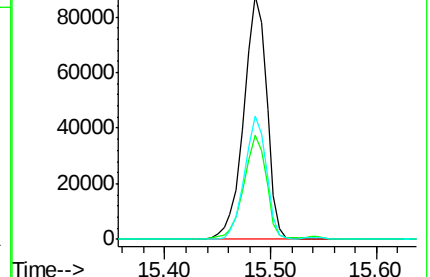
108 50.8 32.7 72.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.06 ng

RT: 15.75 min Scan# 2223

Delta R.T. 0.00 min

Lab File: BG016153.D

Acq: 26 Mar 2015 22:42

Tgt Ion: 77 Resp: 405091

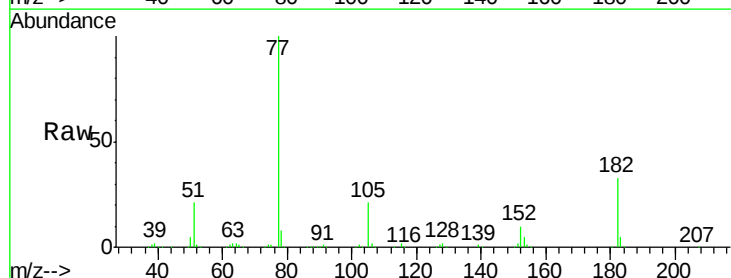
Ion Ratio Lower Upper

77 100

182 33.0 10.9 50.9

105 20.6 0.0 40.0

51 20.9 1.9 41.9

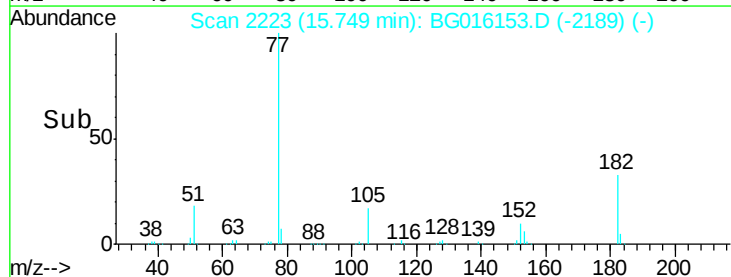
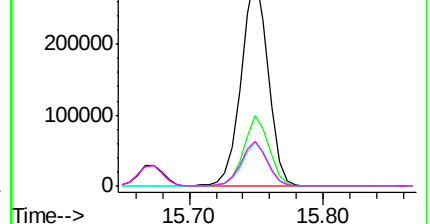


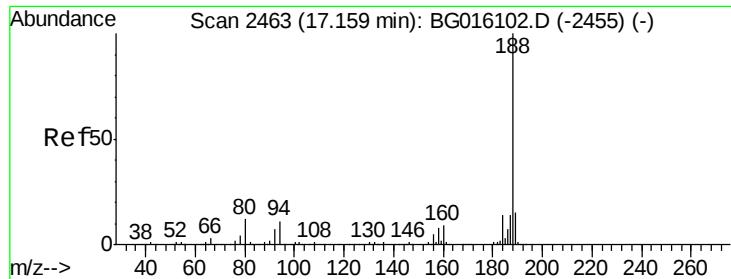
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.15 min Scan# 2462

Delta R.T. -0.00 min

Lab File: BG016153.D

Acq: 26 Mar 2015 22:42

Instrument :

BNA_G

ClientSampleId :

PB82341BS

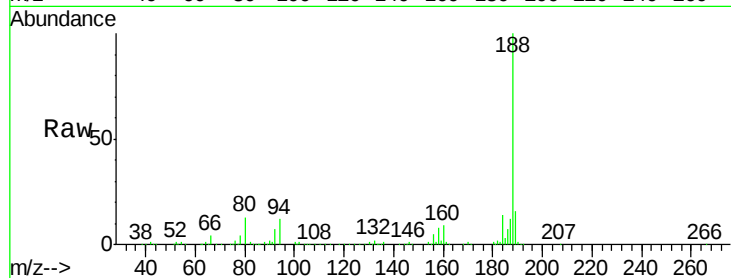
Tgt Ion:188 Resp: 262299

Ion Ratio Lower Upper

188 100

94 12.1 9.1 13.7

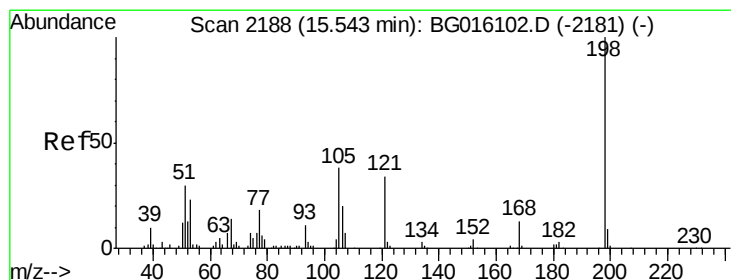
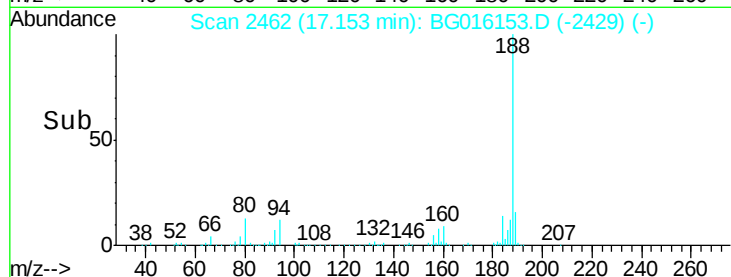
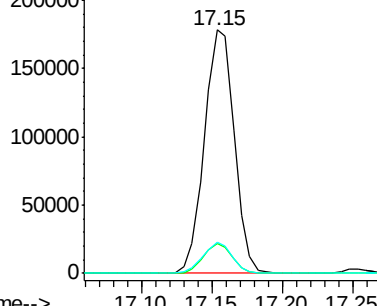
80 12.8 9.8 14.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 44.85 ng

RT: 15.54 min Scan# 2188

Delta R.T. 0.00 min

Lab File: BG016153.D

Acq: 26 Mar 2015 22:42

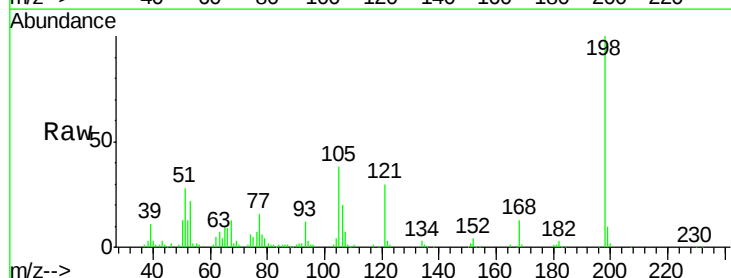
Tgt Ion:198 Resp: 78195

Ion Ratio Lower Upper

198 100

51 27.6 10.7 50.7

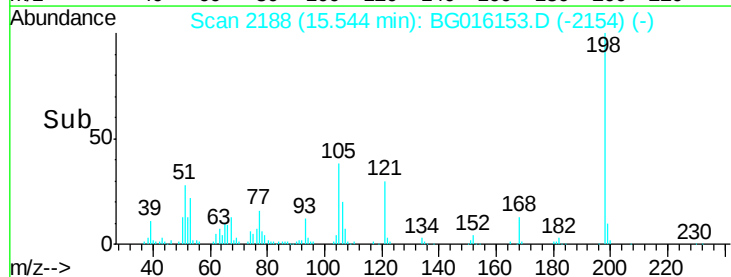
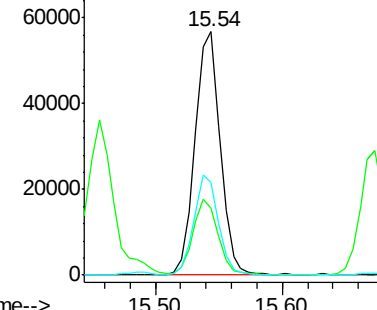
105 38.0 18.3 58.3

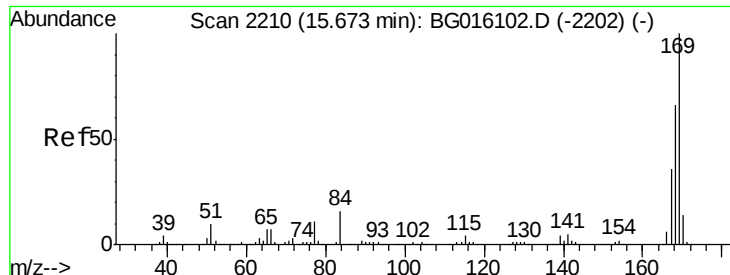


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

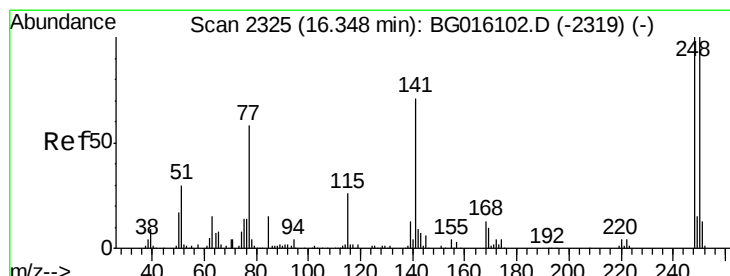
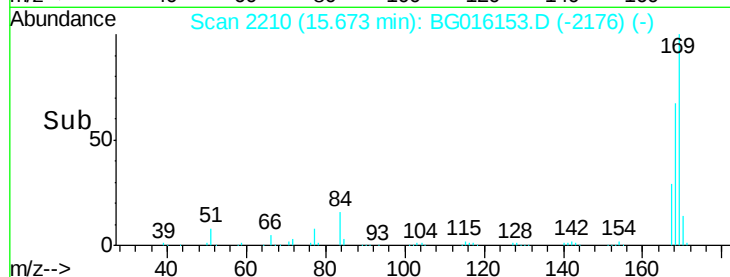
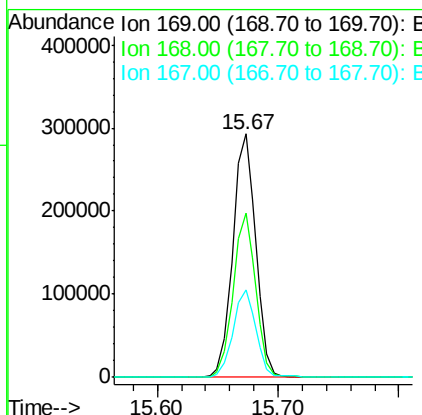
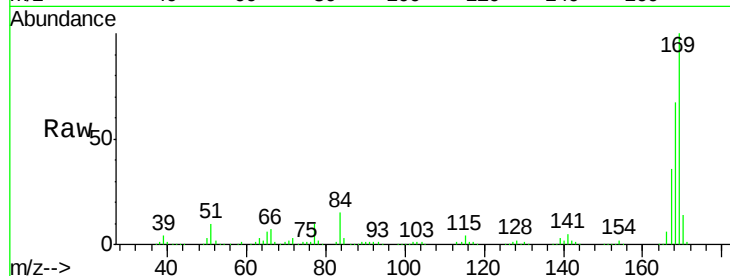




#65
 n-Nitrosodiphenylamine
 Concen: 46.30 ng
 RT: 15.67 min Scan# 2210
 Delta R.T. 0.00 min
 Lab File: BG016153.D
 Acq: 26 Mar 2015 22:42

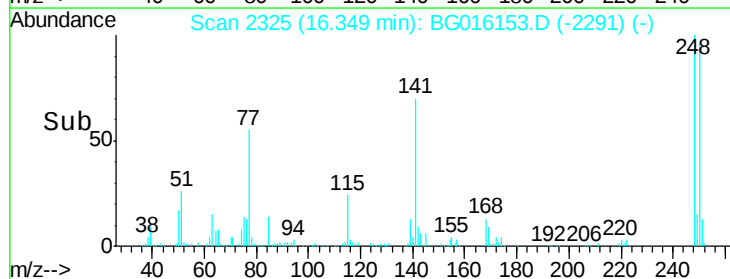
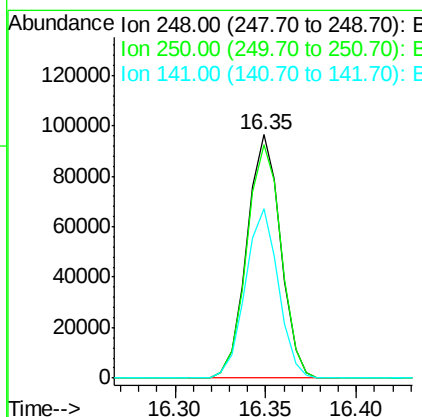
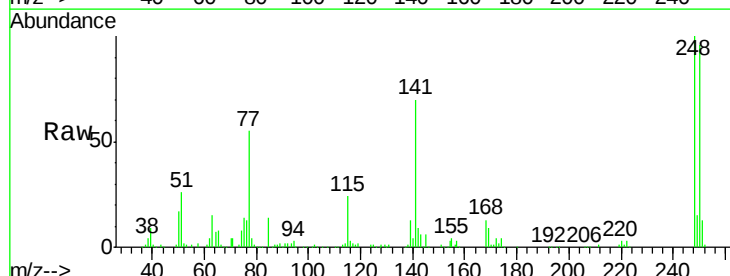
Instrument :
 BNA_G
 ClientSampleId :
 PB82341BS

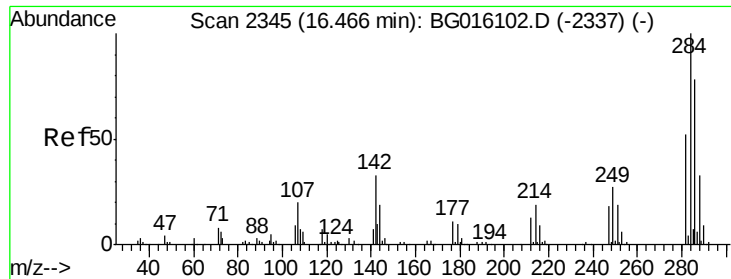
Tgt Ion:169 Resp: 387216
 Ion Ratio Lower Upper
 169 100
 168 67.4 53.0 79.4
 167 36.0 29.0 43.4



#66
 4-Bromophenyl-phenylether
 Concen: 46.09 ng
 RT: 16.35 min Scan# 2325
 Delta R.T. 0.00 min
 Lab File: BG016153.D
 Acq: 26 Mar 2015 22:42

Tgt Ion:248 Resp: 124043
 Ion Ratio Lower Upper
 248 100
 250 95.9 80.2 120.2
 141 69.7 57.0 85.4





#67

Hexachlorobenzene

Concen: 45.74 ng

RT: 16.46 min Scan# 2344

Delta R.T. -0.00 min

Lab File: BG016153.D

Acq: 26 Mar 2015 22:42

Instrument :

BNA_G

ClientSampleId :

PB82341BS

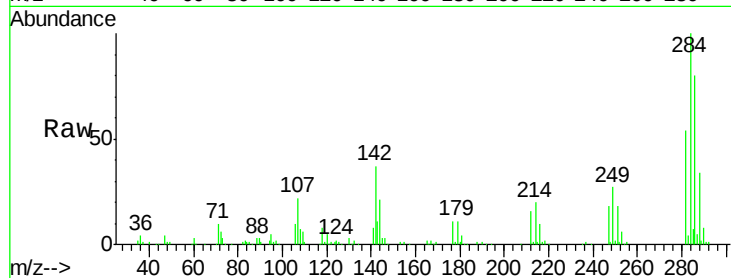
Tgt Ion:284 Resp: 138371

Ion Ratio Lower Upper

284 100

142 37.0 26.7 40.1

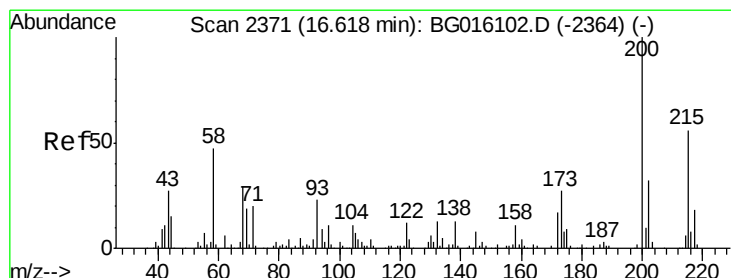
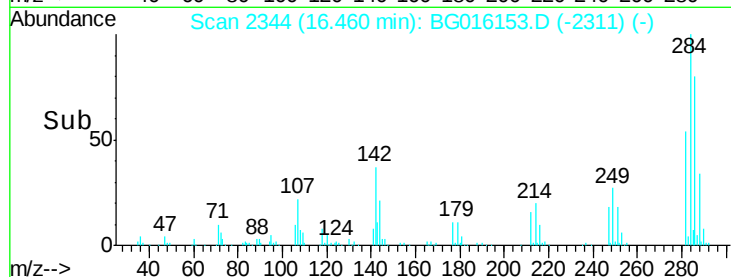
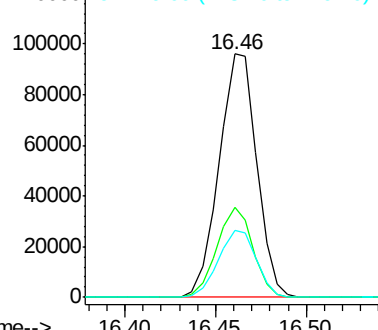
249 27.3 21.8 32.8



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: 52.84 ng

RT: 16.62 min Scan# 2371

Delta R.T. -0.00 min

Lab File: BG016153.D

Acq: 26 Mar 2015 22:42

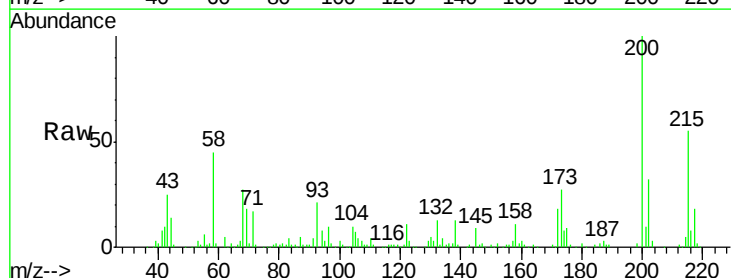
Tgt Ion:200 Resp: 131486

Ion Ratio Lower Upper

200 100

173 26.6 7.5 47.5

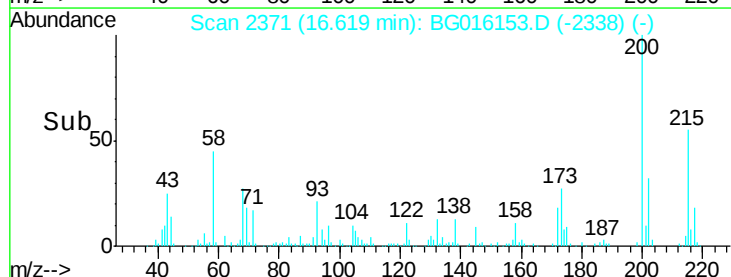
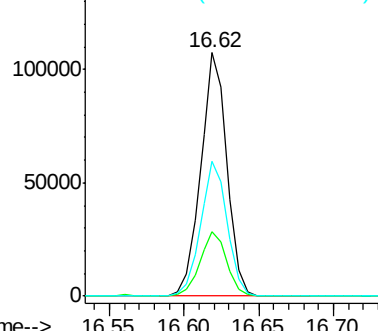
215 55.2 36.4 76.4

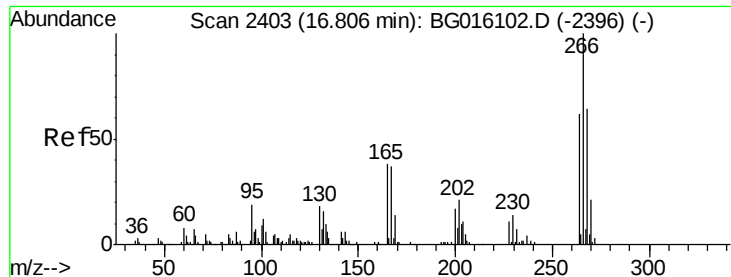


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

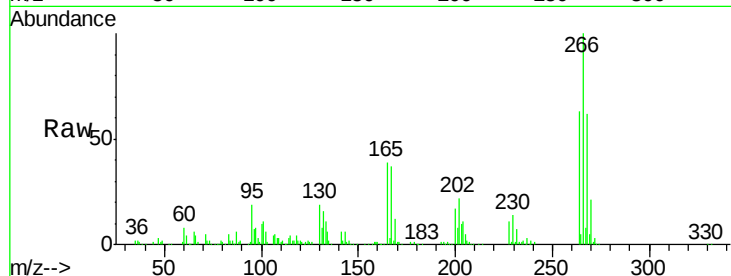




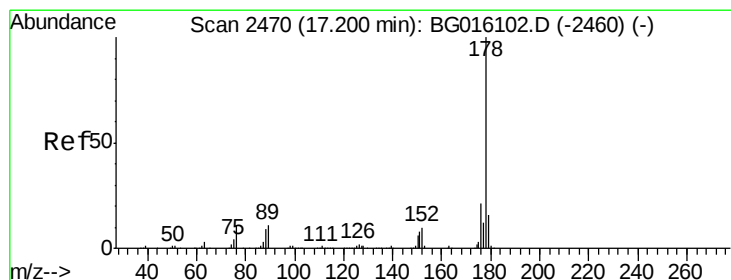
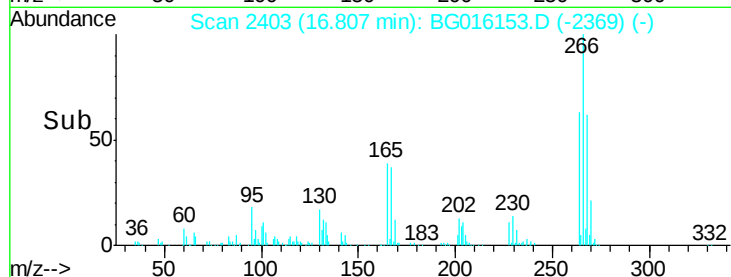
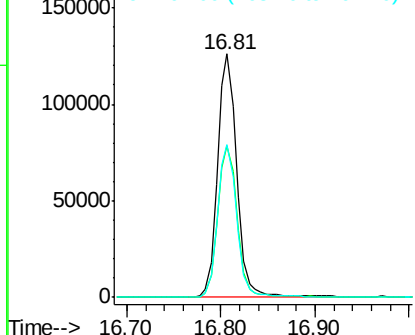
#69
 Pentachlorophenol
 Concen: 104.69 ng
 RT: 16.81 min Scan# 2403
 Delta R.T. 0.00 min
 Lab File: BG016153.D
 Acq: 26 Mar 2015 22:42

Instrument :
 BNA_G
 ClientSampleId :
 PB82341BS

Tgt Ion:266 Resp: 180581
 Ion Ratio Lower Upper
 266 100
 268 62.4 51.5 77.3
 264 62.5 49.8 74.6

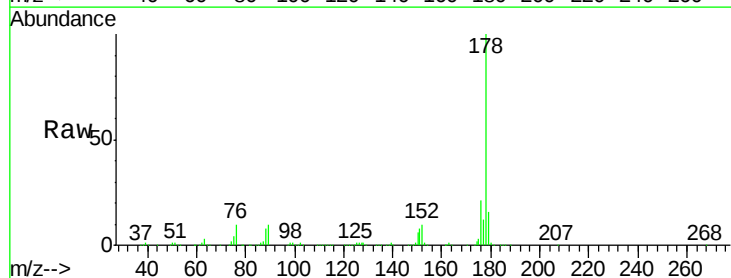


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

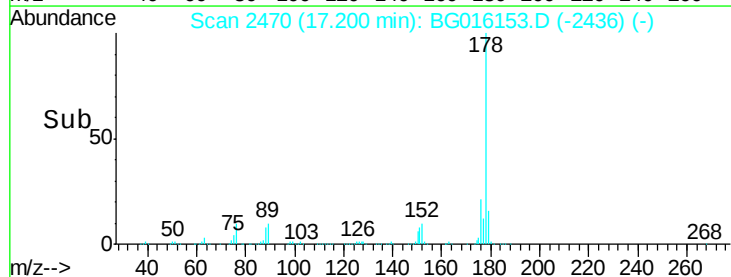
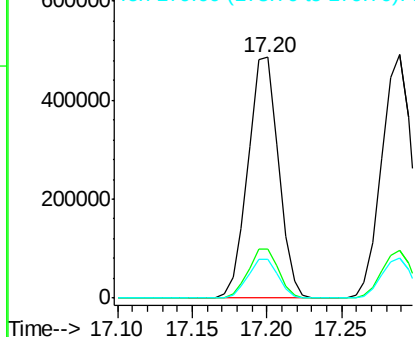


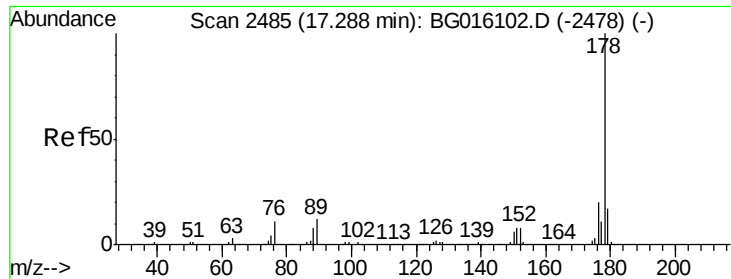
#70
 Phenanthrene
 Concen: 46.61 ng
 RT: 17.20 min Scan# 2470
 Delta R.T. 0.00 min
 Lab File: BG016153.D
 Acq: 26 Mar 2015 22:42

Tgt Ion:178 Resp: 686035
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.5 24.7
 179 15.9 13.0 19.6



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

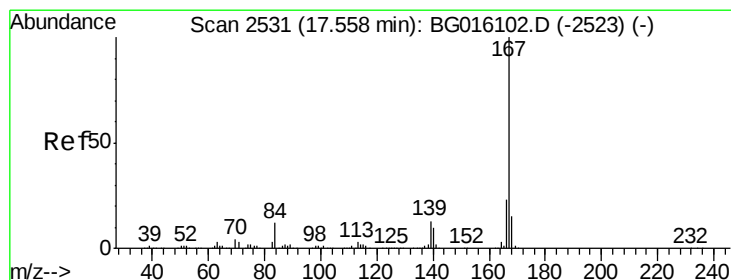
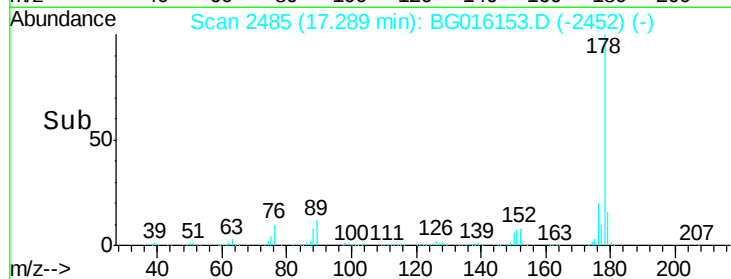
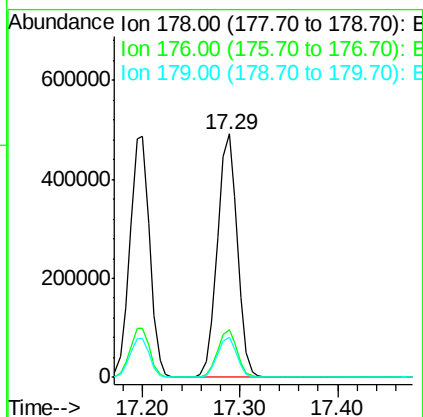
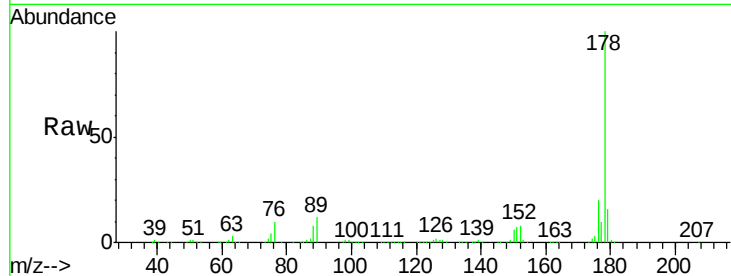




#71
 Anthracene
 Concen: 47.31 ng
 RT: 17.29 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BG016153.D
 Acq: 26 Mar 2015 22:42

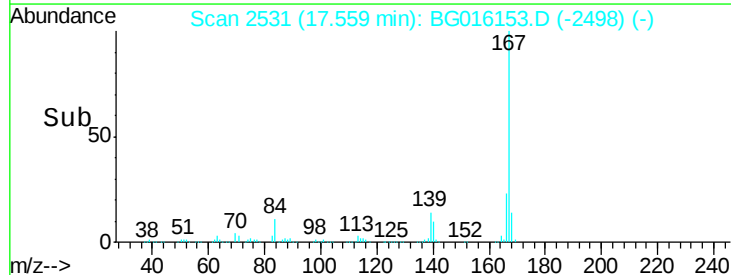
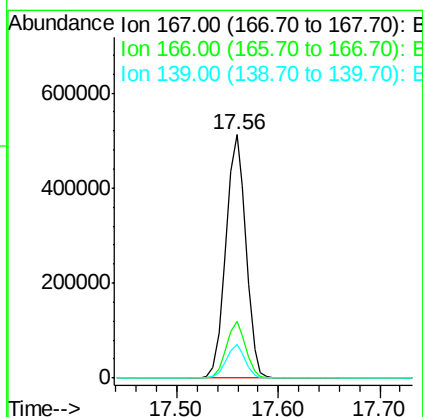
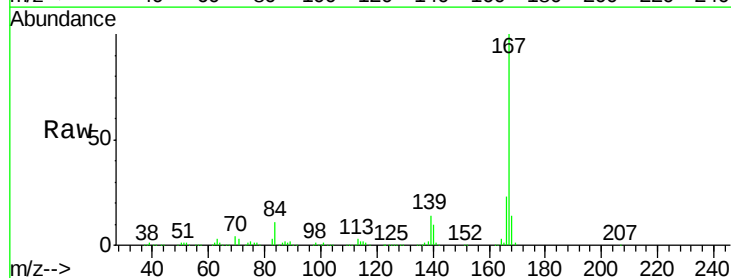
Instrument :
 BNA_G
 ClientSampleId :
 PB82341BS

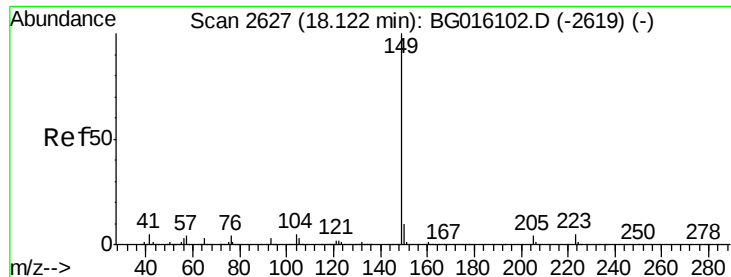
Tgt Ion:178 Resp: 692545
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.6 23.4
 179 16.3 13.3 19.9



#72
 Carbazole
 Concen: 48.97 ng
 RT: 17.56 min Scan# 2531
 Delta R.T. -0.00 min
 Lab File: BG016153.D
 Acq: 26 Mar 2015 22:42

Tgt Ion:167 Resp: 703478
 Ion Ratio Lower Upper
 167 100
 166 23.2 18.2 27.2
 139 13.8 10.7 16.1





#73

Di-n-butylphthalate

Concen: 48.79 ng

RT: 18.12 min Scan# 2626

Delta R.T. -0.00 min

Lab File: BG016153.D

Acq: 26 Mar 2015 22:42

Instrument :

BNA_G

ClientSampleId :

PB82341BS

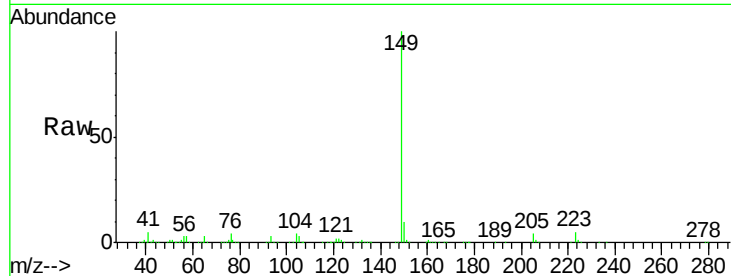
Tgt Ion:149 Resp: 792455

Ion Ratio Lower Upper

149 100

150 10.0 8.0 12.0

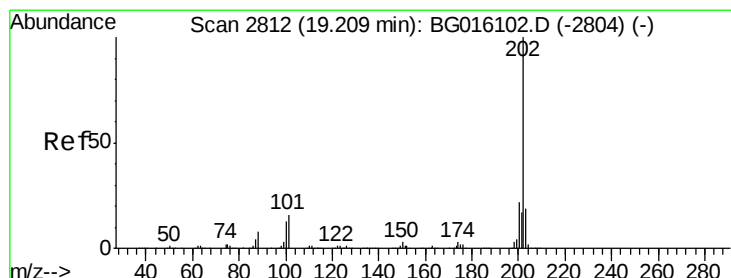
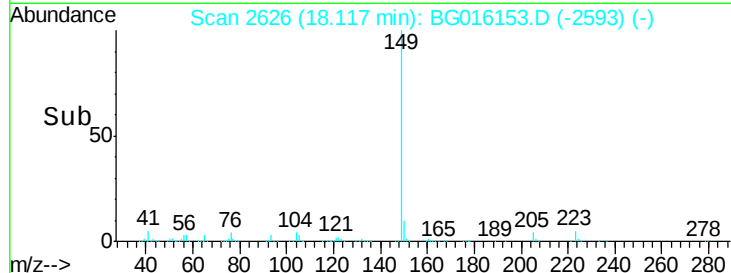
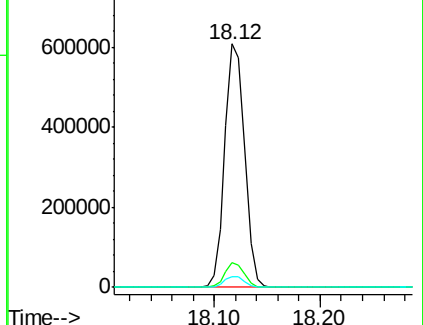
104 4.5 3.8 5.6



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: 49.38 ng

RT: 19.21 min Scan# 2812

Delta R.T. -0.00 min

Lab File: BG016153.D

Acq: 26 Mar 2015 22:42

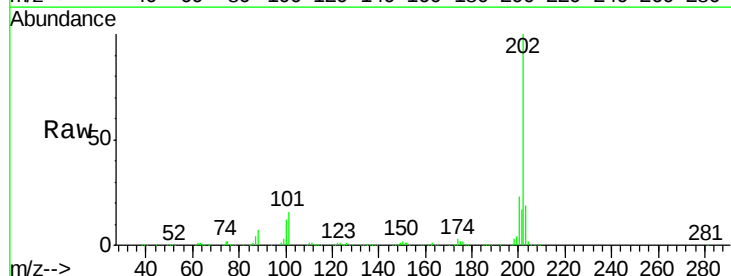
Tgt Ion:202 Resp: 809573

Ion Ratio Lower Upper

202 100

101 15.6 0.0 35.9

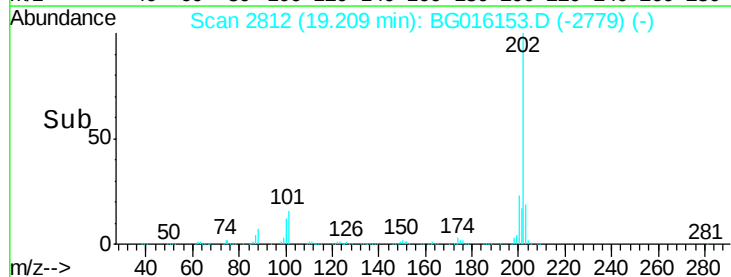
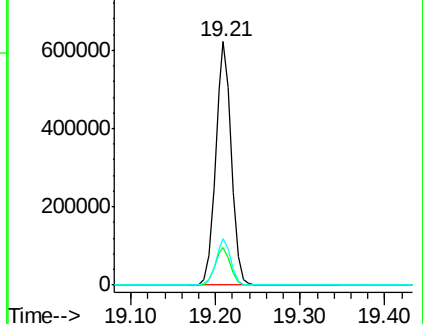
203 19.2 0.0 38.7

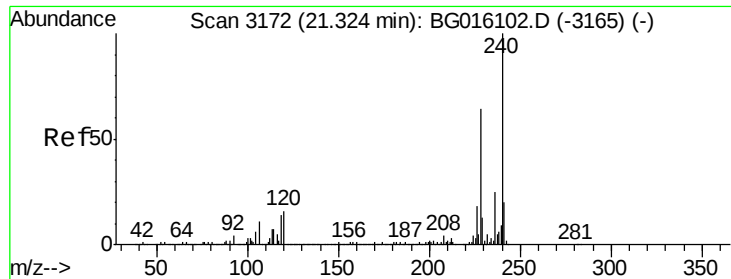


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.32 min Scan# 3172

Delta R.T. -0.00 min

Lab File: BG016153.D

Acq: 26 Mar 2015 22:42

Instrument :

BNA_G

ClientSampleId :

PB82341BS

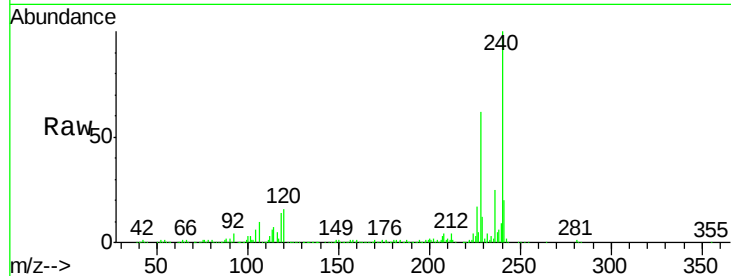
Tgt Ion:240 Resp: 307171

Ion Ratio Lower Upper

240 100

120 15.6 13.0 19.4

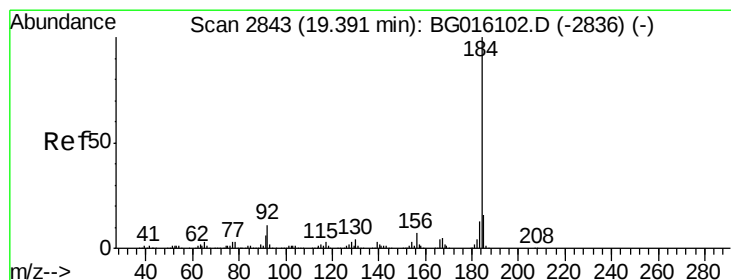
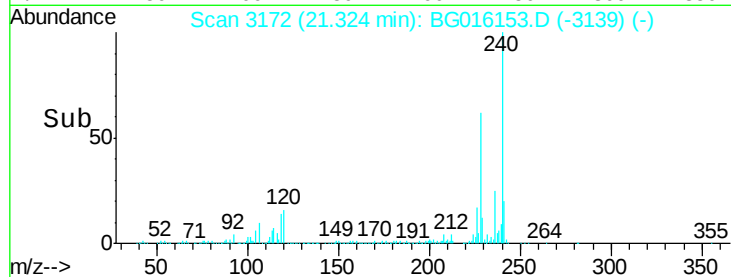
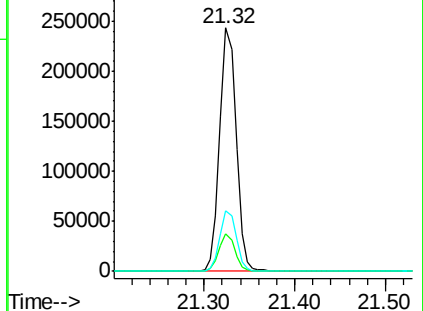
236 25.0 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 39.79 ng

RT: 19.40 min Scan# 2844

Delta R.T. 0.00 min

Lab File: BG016153.D

Acq: 26 Mar 2015 22:42

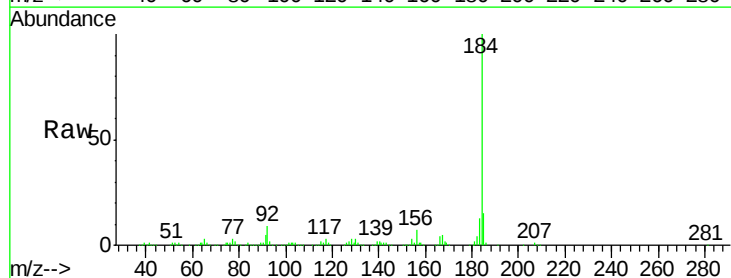
Tgt Ion:184 Resp: 320223

Ion Ratio Lower Upper

184 100

185 15.2 12.6 18.8

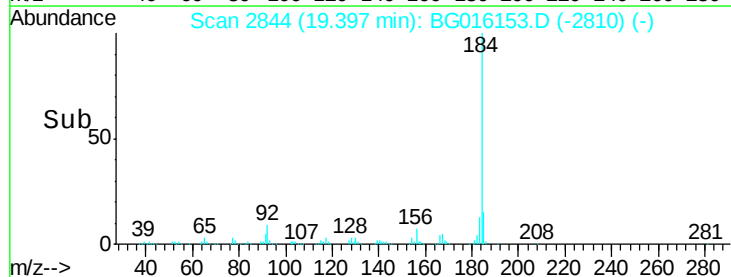
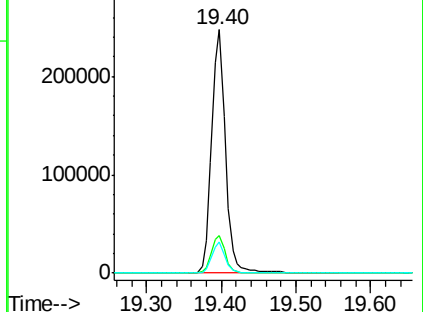
183 12.7 10.2 15.4

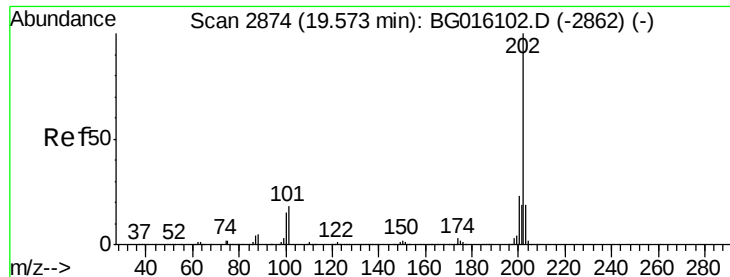


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 45.13 ng

RT: 19.57 min Scan# 2874

Delta R.T. 0.00 min

Lab File: BG016153.D

Acq: 26 Mar 2015 22:42

Instrument :

BNA_G

ClientSampleId :

PB82341BS

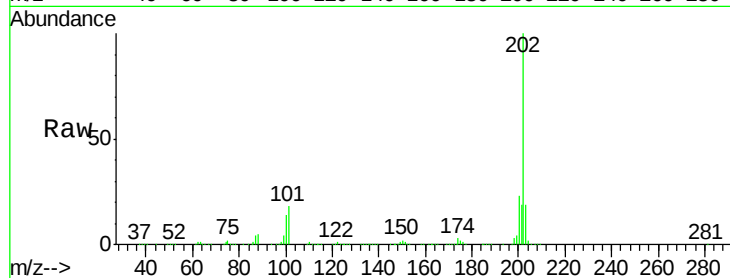
Tgt Ion:202 Resp: 854670

Ion Ratio Lower Upper

202 100

200 23.0 18.4 27.6

203 19.2 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

19.57

800000

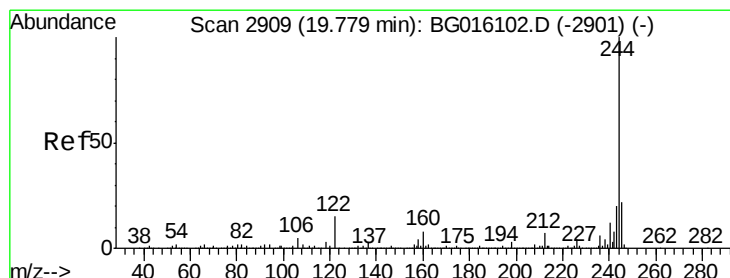
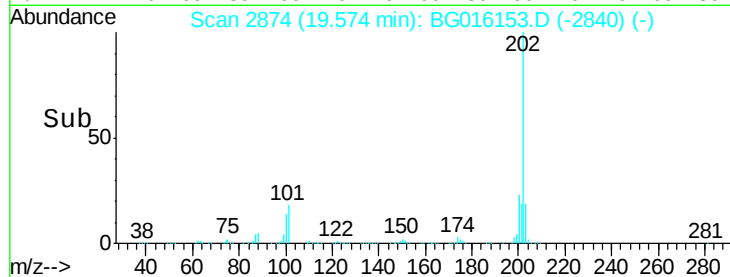
600000

400000

200000

0

Time-->



#78

Terphenyl-d14

Concen: 91.45 ng

RT: 19.77 min Scan# 2908

Delta R.T. -0.00 min

Lab File: BG016153.D

Acq: 26 Mar 2015 22:42

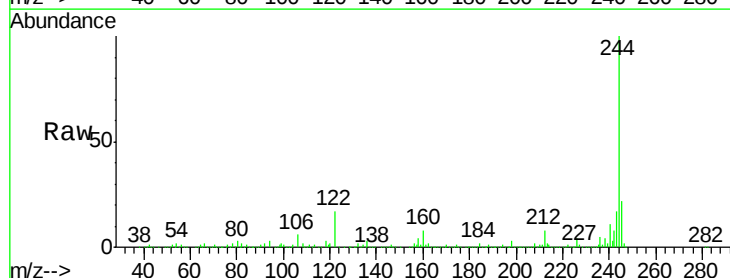
Tgt Ion:244 Resp: 1115338

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

122 16.8 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

19.77

1000000

800000

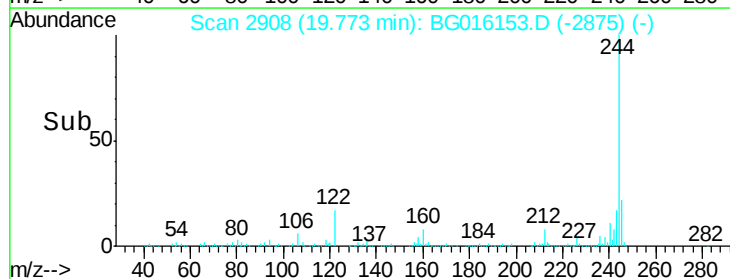
600000

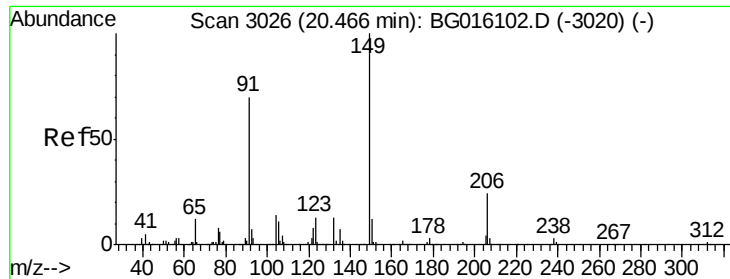
400000

200000

0

Time-->

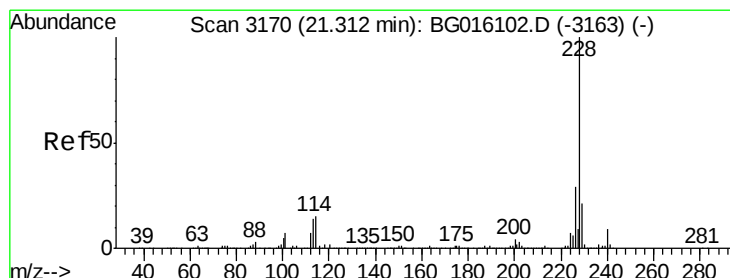
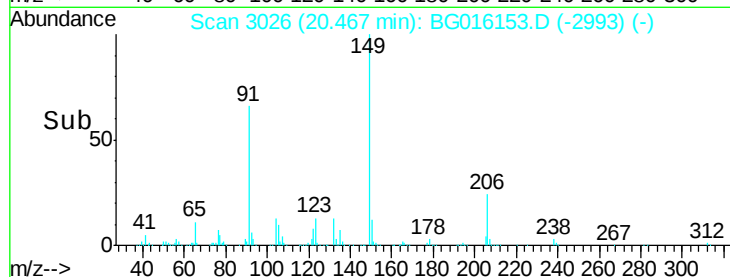
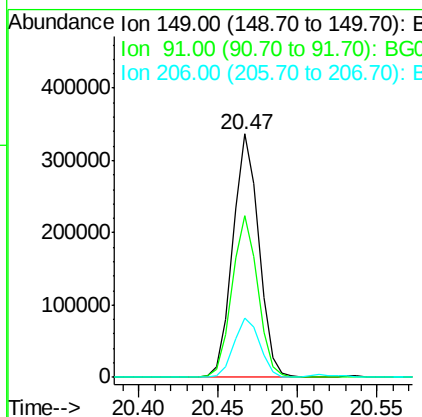
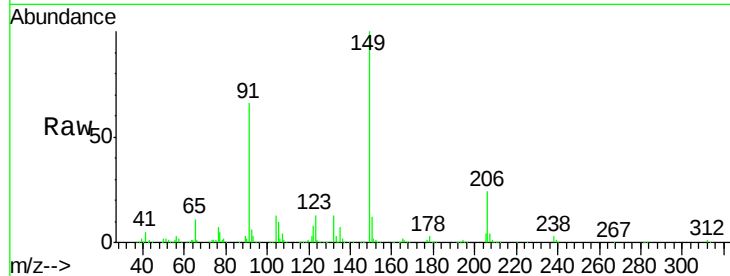




#79
Butylbenzylphthalate
Concen: 48.48 ng
RT: 20.47 min Scan# 3026
Delta R.T. -0.00 min
Lab File: BG016153.D
Acq: 26 Mar 2015 22:42

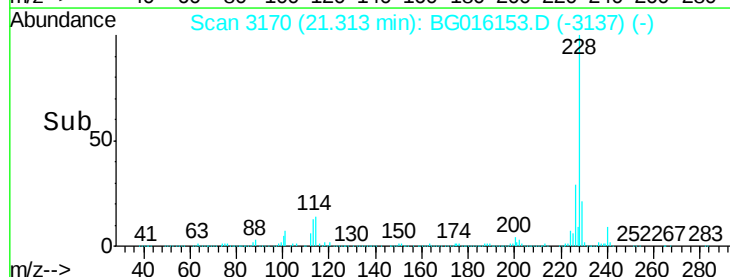
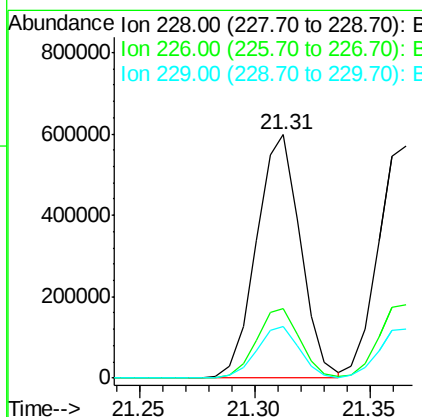
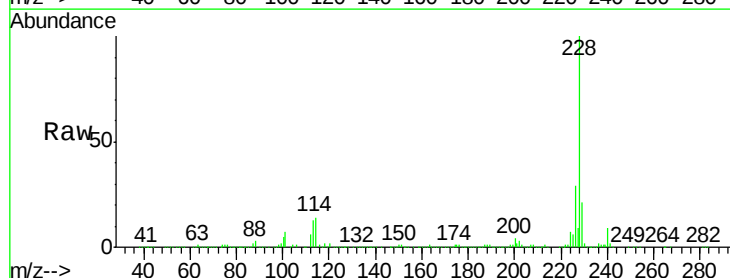
Instrument :
BNA_G
ClientSampled :
PB82341BS

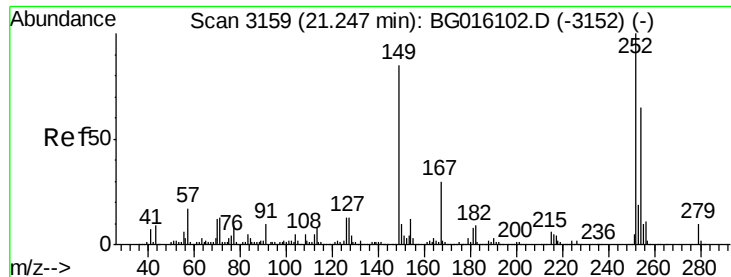
Tgt Ion:149 Resp: 382948
Ion Ratio Lower Upper
149 100
91 66.5 55.8 83.6
206 24.1 19.1 28.7



#80
Benzo(a)anthracene
Concen: 45.31 ng
RT: 21.31 min Scan# 3170
Delta R.T. -0.00 min
Lab File: BG016153.D
Acq: 26 Mar 2015 22:42

Tgt Ion:228 Resp: 789361
Ion Ratio Lower Upper
228 100
226 28.7 23.0 34.4
229 21.4 16.8 25.2

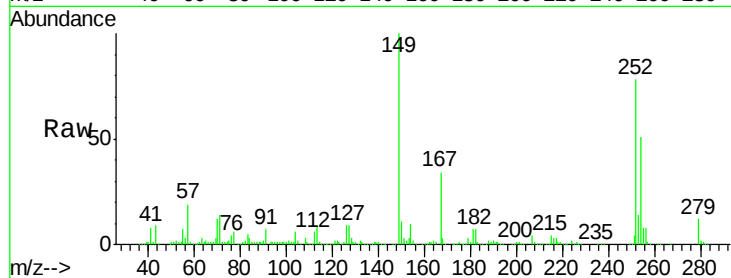




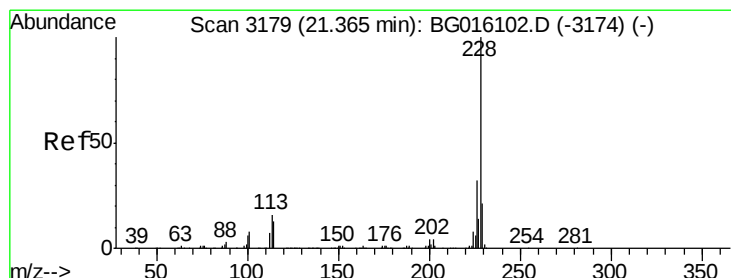
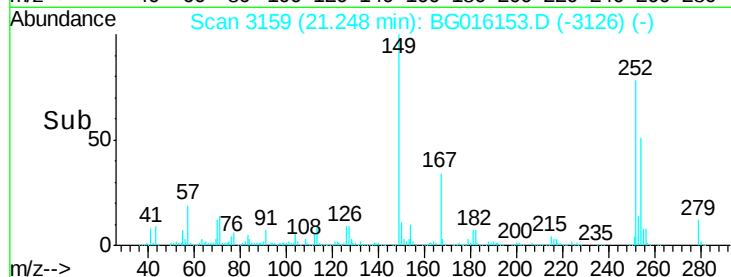
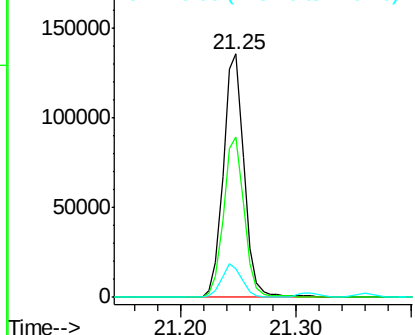
#81
 3,3'-Dichlorobenzidine
 Concen: 27.86 ng
 RT: 21.25 min Scan# 3159
 Delta R.T. -0.00 min
 Lab File: BG016153.D
 Acq: 26 Mar 2015 22:42

Instrument :
 BNA_G
 ClientSampleId :
 PB82341BS

Tgt Ion:252 Resp: 168743
 Ion Ratio Lower Upper
 252 100
 254 65.8 51.7 77.5
 126 11.9 10.6 16.0

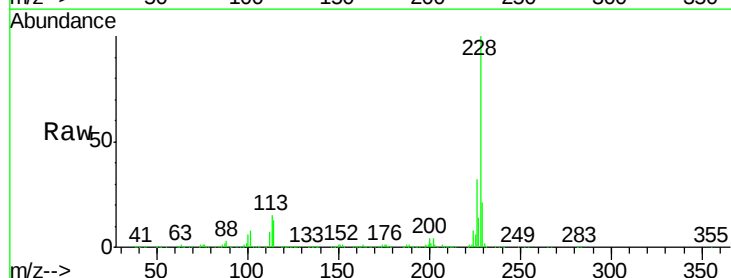


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

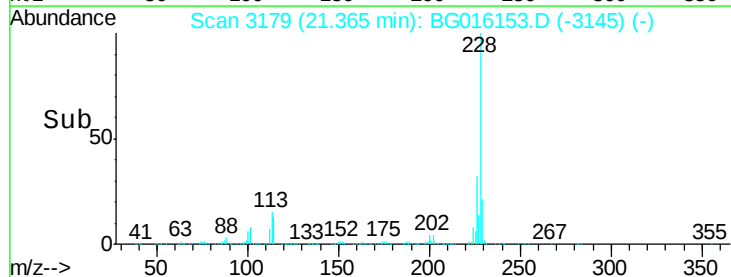
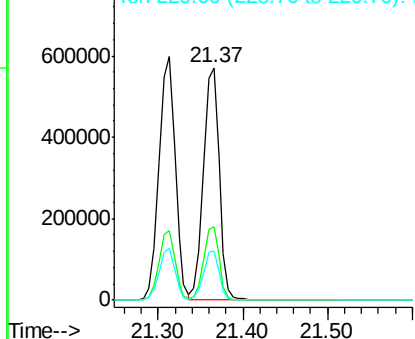


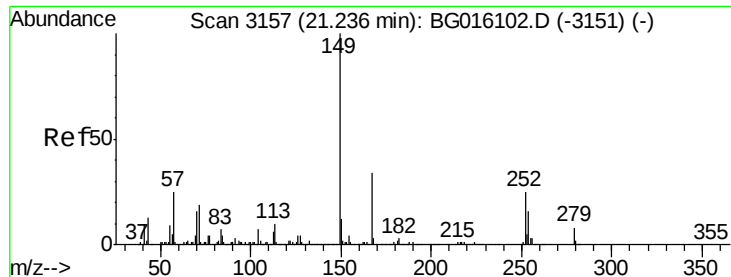
#82
 Chrysene
 Concen: 46.85 ng
 RT: 21.37 min Scan# 3179
 Delta R.T. 0.00 min
 Lab File: BG016153.D
 Acq: 26 Mar 2015 22:42

Tgt Ion:228 Resp: 747763
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.7 38.5
 229 21.3 17.0 25.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

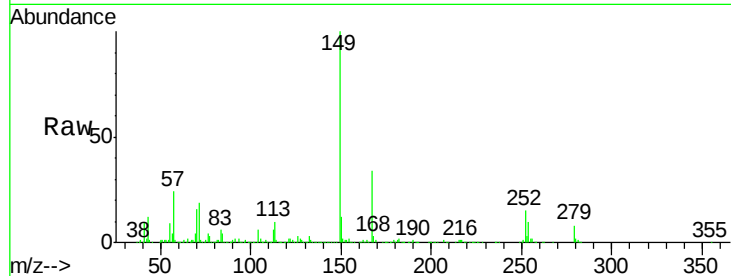




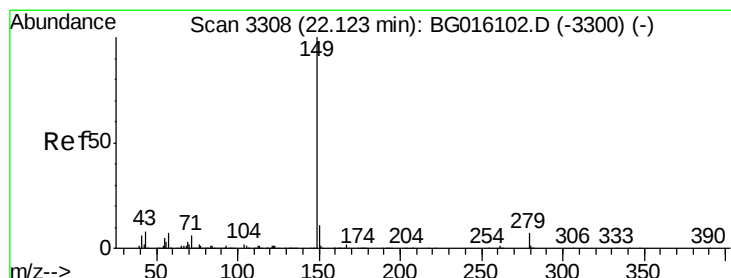
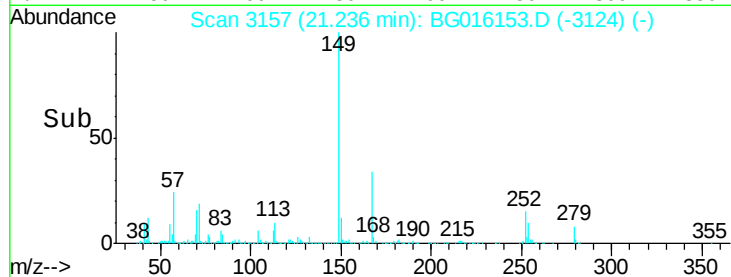
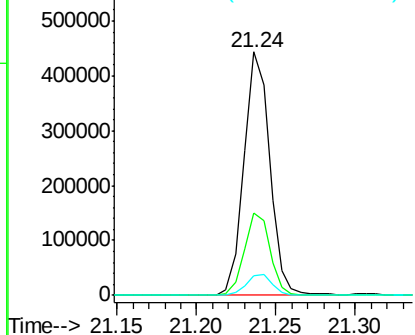
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.30 ng
 RT: 21.24 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: BG016153.D
 Acq: 26 Mar 2015 22:42

Instrument :
 BNA_G
 ClientSampleId :
 PB82341BS

Tgt Ion:149 Resp: 502257
 Ion Ratio Lower Upper
 149 100
 167 33.8 27.1 40.7
 279 8.3 6.4 9.6

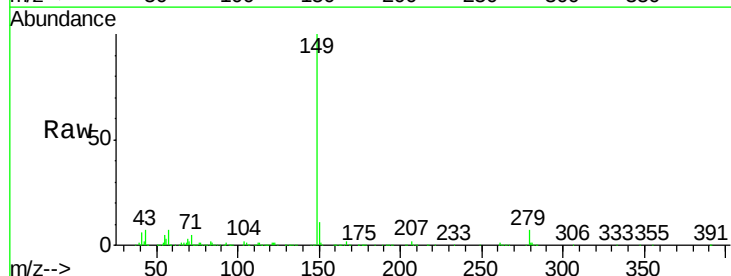


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

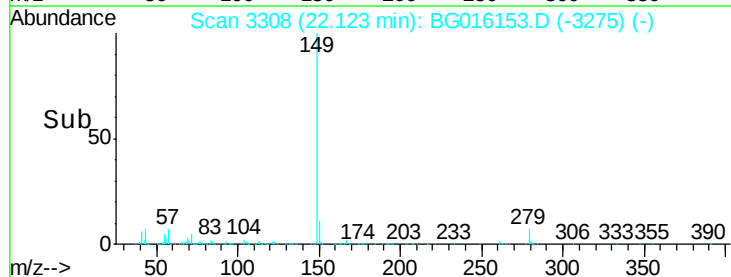
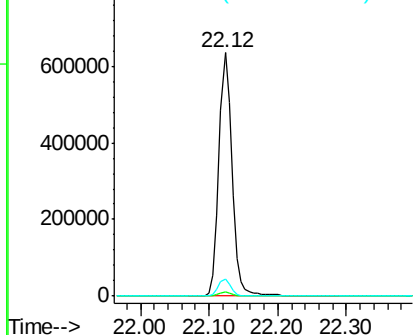


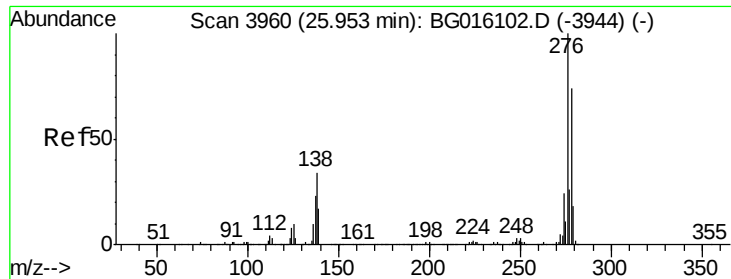
#84
 Di-n-octyl phthalate
 Concen: 46.04 ng
 RT: 22.12 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: BG016153.D
 Acq: 26 Mar 2015 22:42

Tgt Ion:149 Resp: 842172
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.0
 43 6.8 6.1 9.1



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

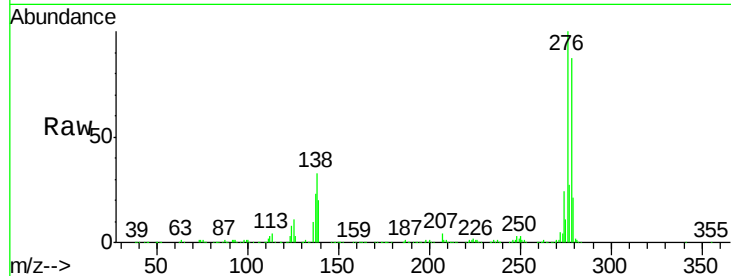




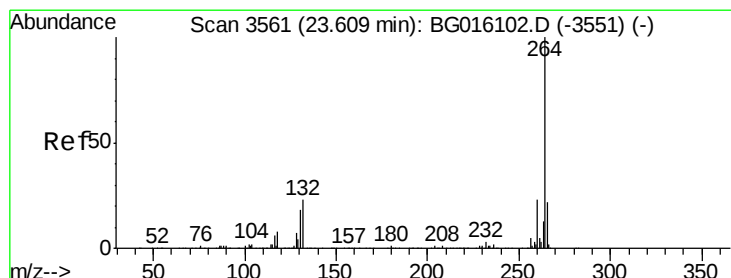
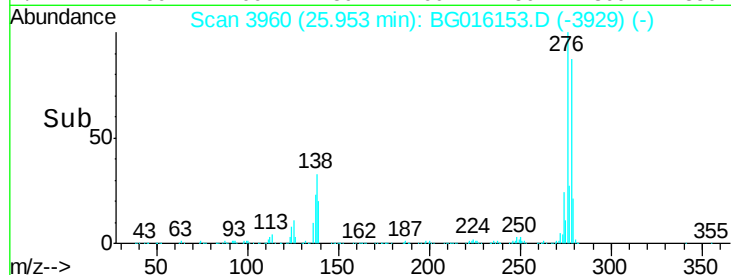
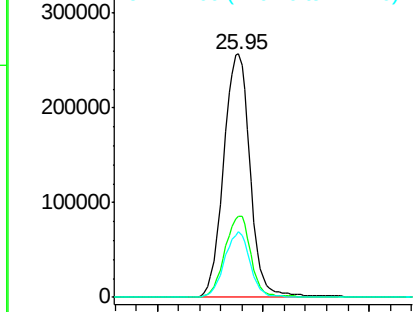
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.72 ng
 RT: 25.95 min Scan# 3960
 Delta R.T. -0.02 min
 Lab File: BG016153.D
 Acq: 26 Mar 2015 22:42

Instrument :
 BNA_G
 ClientSampleId :
 PB82341BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.0	26.9	40.3
277	25.8	20.7	31.1

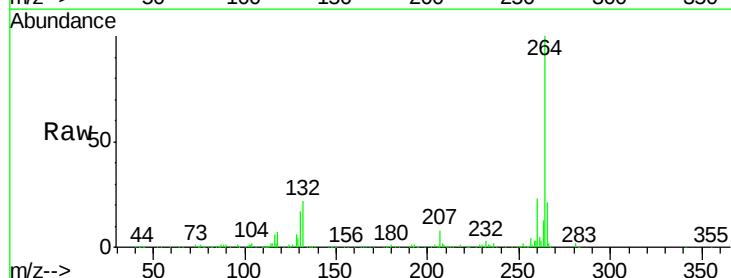


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

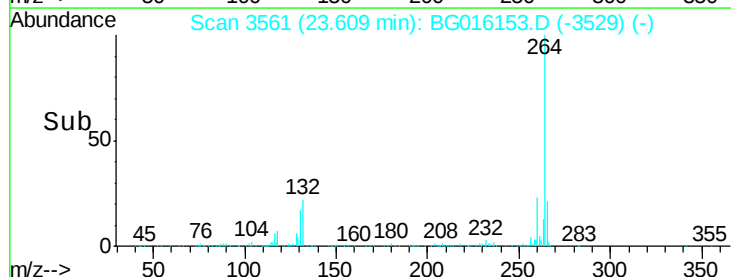
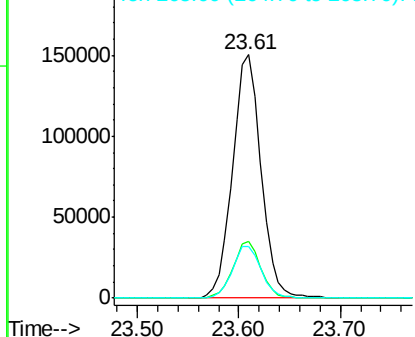


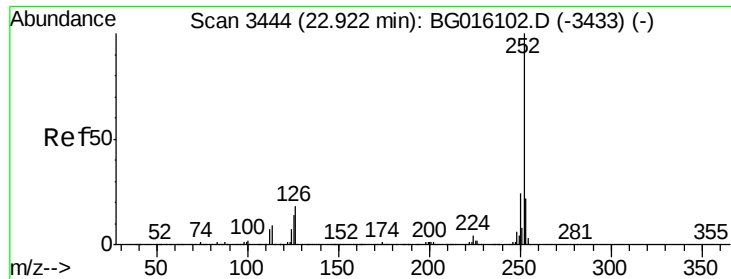
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.61 min Scan# 3561
 Delta R.T. -0.01 min
 Lab File: BG016153.D
 Acq: 26 Mar 2015 22:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.4	27.6
265	21.3	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 44.89 ng

RT: 22.92 min Scan# 3443

Delta R.T. -0.01 min

Lab File: BG016153.D

Acq: 26 Mar 2015 22:42

Instrument :

BNA_G

ClientSampleId :

PB82341BS

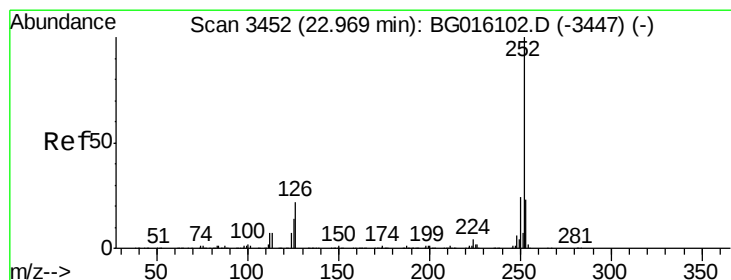
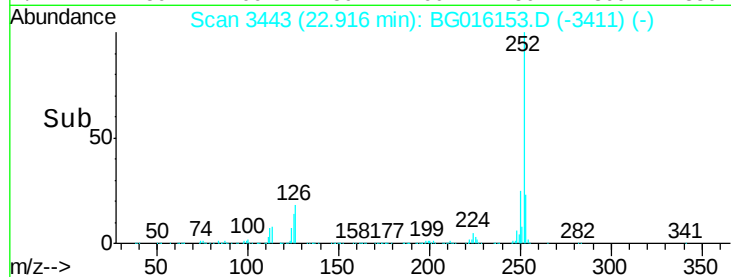
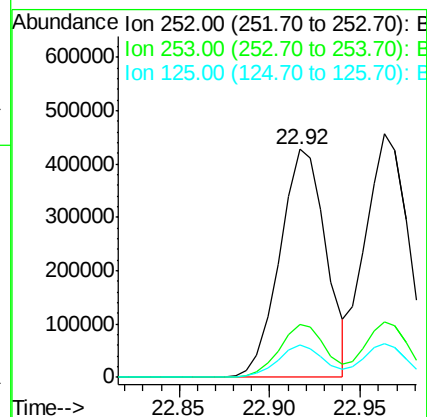
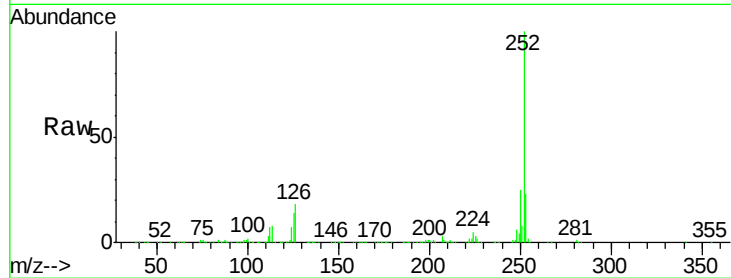
Tgt Ion:252 Resp: 762698

Ion Ratio Lower Upper

252 100

253 23.1 17.9 26.9

125 14.3 11.1 16.7



#88

Benzo(k)fluoranthene

Concen: 46.53 ng

RT: 22.96 min Scan# 3451

Delta R.T. -0.01 min

Lab File: BG016153.D

Acq: 26 Mar 2015 22:42

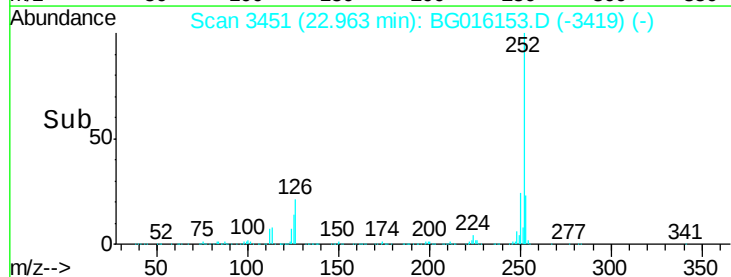
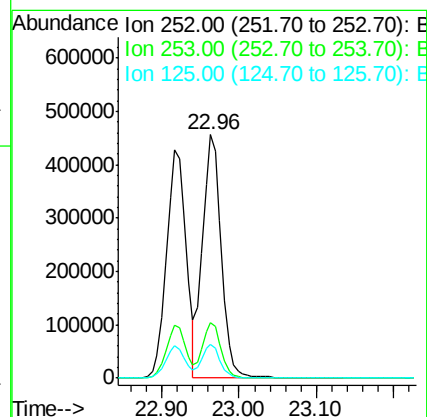
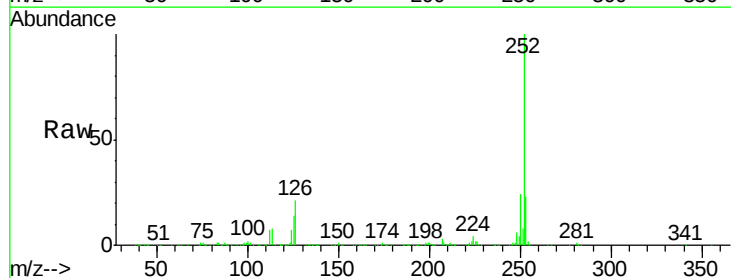
Tgt Ion:252 Resp: 770087

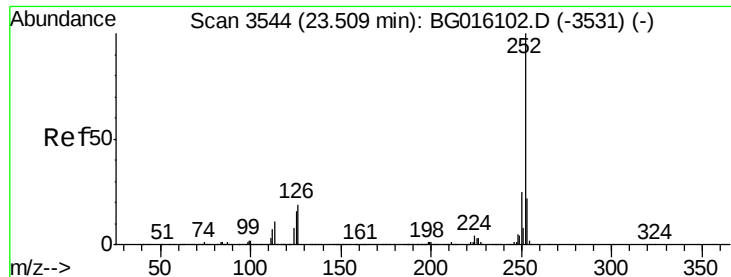
Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.4

125 13.9 11.0 16.4





#89

Benzo(a)pyrene

Concen: 47.21 ng

RT: 23.51 min Scan# 3544

Delta R.T. -0.01 min

Lab File: BG016153.D

Acq: 26 Mar 2015 22:42

Instrument :

BNA_G

ClientSampleId :

PB82341BS

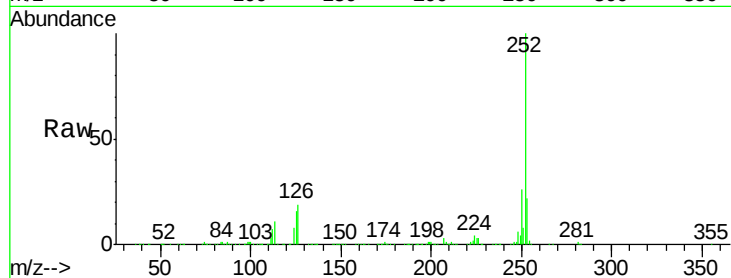
Tgt Ion:252 Resp: 747846

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

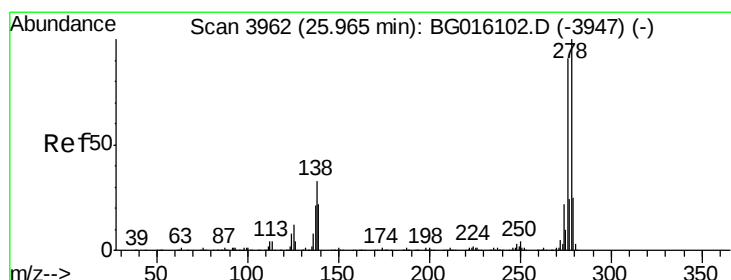
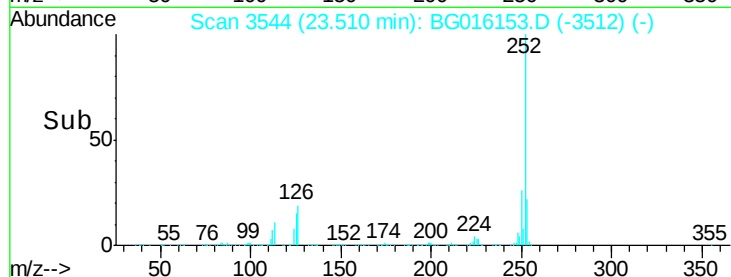
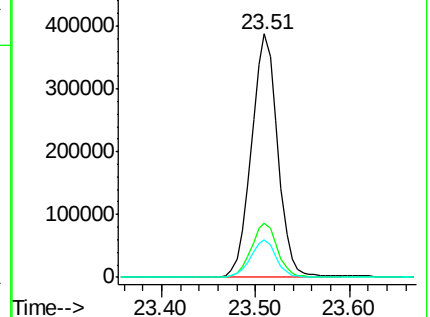
125 15.5 12.5 18.7



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: 45.64 ng

RT: 25.97 min Scan# 3962

Delta R.T. -0.02 min

Lab File: BG016153.D

Acq: 26 Mar 2015 22:42

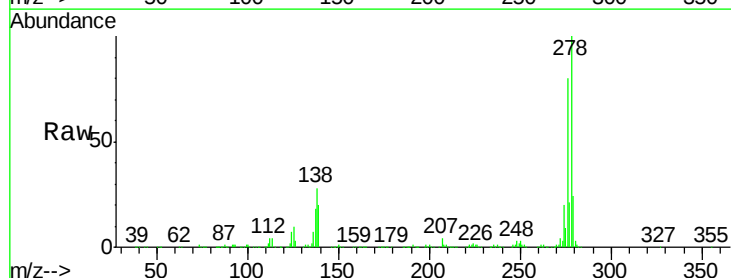
Tgt Ion:278 Resp: 753423

Ion Ratio Lower Upper

278 100

139 20.5 17.8 26.8

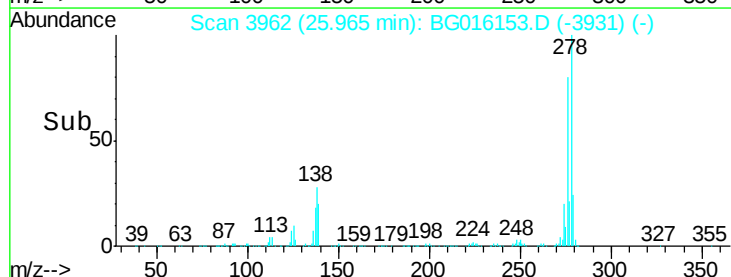
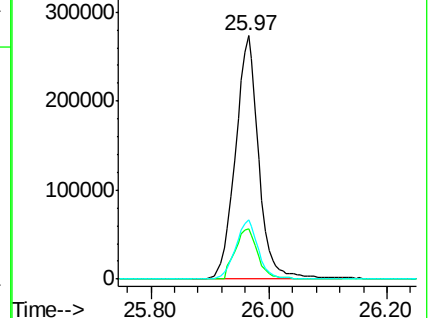
279 24.4 19.9 29.9

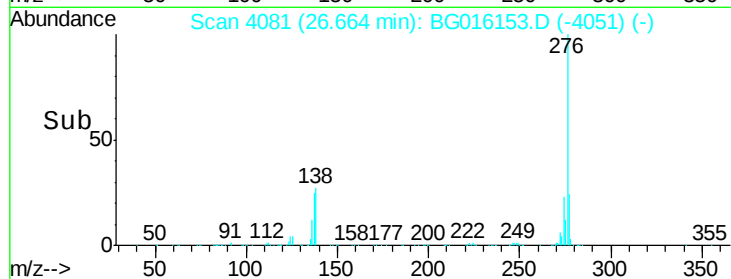
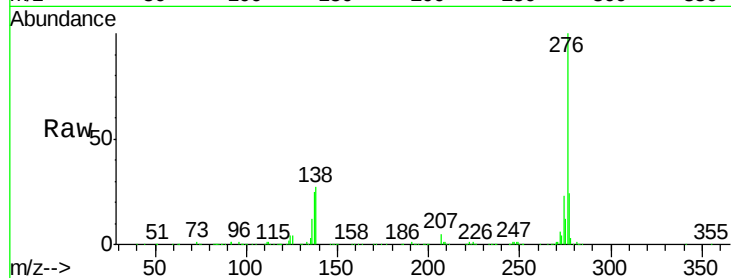
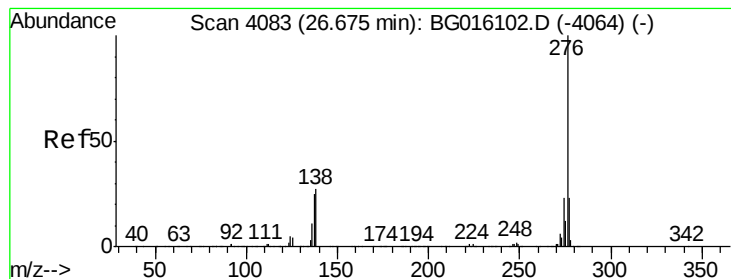


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 45.66 ng

RT: 26.66 min Scan# 4081

Delta R.T. -0.02 min

Lab File: BG016153.D

Acq: 26 Mar 2015 22:42

Instrument :

BNA_G

ClientSampleId :

PB82341BS

Tgt Ion: 276 Resp: 747093

Ion Ratio Lower Upper

276 100

277 23.7 18.7 28.1

138 27.5 22.0 33.0

