

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050115\
 Data File : BG016852.D
 Acq On : 1 May 2015 19:23
 Operator : TP/IZ
 Sample : PB83121BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83121BS

Quant Time: May 02 00:31:12 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 23:47:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	48416	20.00	ng	0.00
21) Naphthalene-d8	10.03	136	210351	20.00	ng	0.00
38) Acenaphthene-d10	13.95	164	117277	20.00	ng	0.00
63) Phenanthrene-d10	16.70	188	156039	20.00	ng	0.00
75) Chrysene-d12	20.91	240	159782	20.00	ng	0.00
86) Perylene-d12	22.98	264	200518	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	4.87	112	397888	151.38	ng	0.00
7) Phenol-d6	6.48	99	554446	150.29	ng	0.00
23) Nitrobenzene-d5	8.42	82	282031	87.34	ng	0.00
41) 2,4,6-Tribromophenol	15.45	330	115064	131.74	ng	0.00
44) 2-Fluorobiphenyl	12.55	172	667200	88.08	ng	0.00
78) Terphenyl-d14	19.36	244	556134	83.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	38534m	34.23	ng	
3) Pyridine	3.12	79	103919	32.88	ng	97
4) n-Nitrosodimethylamine	3.05	42	43048	46.67	ng	# 72
6) Aniline	6.60	93	112823	22.62	ng	97
8) 2-Chlorophenol	6.83	128	147608	44.18	ng	97
9) Benzaldehyde	6.41	77	48569	23.09	ng	98
10) Phenol	6.51	94	173350	45.81	ng	94
11) bis(2-Chloroethyl)ether	6.71	93	130638	43.28	ng	97
12) 1,3-Dichlorobenzene	7.15	146	136529	38.36	ng	95
13) 1,4-Dichlorobenzene	7.29	146	138224	38.00	ng	98
14) 1,2-Dichlorobenzene	7.61	146	136718	39.23	ng	99
15) Benzyl Alcohol	7.52	79	101014	43.93	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.81	45	127599	47.89	ng	99
17) 2-Methylphenol	7.74	107	115913	42.53	ng	97
18) Hexachloroethane	8.32	117	53921	42.02	ng	94
19) n-Nitroso-di-n-propylamine	8.08	70	93158	39.51	ng	94
20) 3+4-Methylphenols	8.08	107	156934	41.91	ng	# 78
22) Acetophenone	8.09	105	185164	43.87	ng	# 94
24) Nitrobenzene	8.46	77	131419	43.08	ng	94
25) Isophorone	8.98	82	261475	40.67	ng	96
26) 2-Nitrophenol	9.17	139	77673	40.15	ng	# 89
27) 2,4-Dimethylphenol	9.26	122	135413	42.31	ng	95
28) bis(2-Chloroethoxy)methane	9.48	93	158500	42.30	ng	98
29) 2,4-Dichlorophenol	9.71	162	123370	44.35	ng	97
30) 1,2,4-Trichlorobenzene	9.90	180	118315	40.18	ng	99
31) Naphthalene	10.08	128	426682	40.64	ng	99
32) Benzoic acid	9.43	122	50174	31.61	ng	91
33) 4-Chloroaniline	10.22	127	80506	17.66	ng	97
34) Hexachlorobutadiene	10.37	225	54640	40.90	ng	96
35) Caprolactam	10.98	113	53711	35.22	ng	83
36) 4-Chloro-3-methylphenol	11.38	107	128178	40.90	ng	94
37) 2-Methylnaphthalene	11.71	142	309318	40.23	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.10	216	113340	42.55	ng	# 97
40) Hexachlorocyclopentadiene	12.08	237	83763	91.64	ng	97

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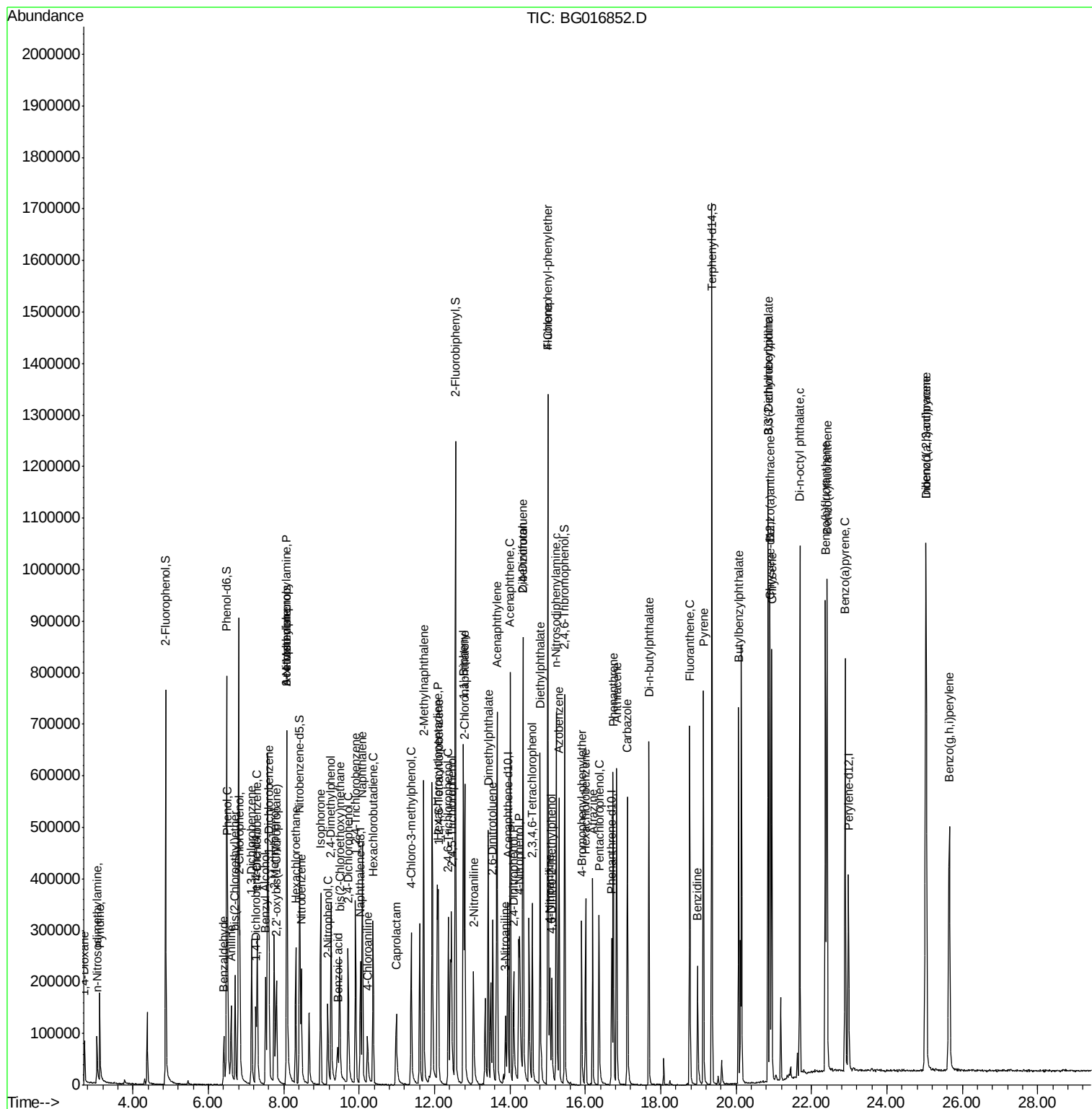
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.37	196	78810	39.13	nq	98
43) 2,4,5-Trichlorophenol	12.45	196	90936	44.51	nq	# 90
45) 1,1'-Biphenyl	12.76	154	383158	44.47	nq	99
46) 2-Chloronaphthalene	12.80	162	285008	42.86	nq	97
47) 2-Nitroaniline	13.03	65	76581	46.12	nq	84
48) Acenaphthylene	13.66	152	487573	41.24	nq	100
49) Dimethylphthalate	13.42	163	331258	39.41	nq	100
50) 2,6-Dinitrotoluene	13.55	165	79044	38.40	nq	# 87
51) Acenaphthene	14.01	154	283469	40.30	nq	96
52) 3-Nitroaniline	13.88	138	60138	25.85	nq	95
53) 2,4-Dinitrophenol	14.10	184	77784	75.38	nq	93
54) Dibenzofuran	14.35	168	423471	42.27	nq	97
55) 4-Nitrophenol	14.24	139	129743	78.28	nq	94
56) 2,4-Dinitrotoluene	14.35	165	109882	39.20	nq	# 76
57) Fluorene	15.00	166	363011	41.24	nq	96
58) 2,3,4,6-Tetrachlorophenol	14.59	232	66868	43.08	nq	96
59) Diethylphthalate	14.80	149	337323	38.81	nq	97
60) 4-Chlorophenyl-phenylether	15.01	204	153410	41.28	nq	98
61) 4-Nitroaniline	15.06	138	86069	36.65	nq	96
62) Azobenzene	15.30	77	333738	46.41	nq	92
64) 4,6-Dinitro-2-methylphenol	15.11	198	53002	52.57	nq	91
65) n-Nitrosodiphenylamine	15.23	169	305974	60.47	nq	95
66) 4-Bromophenyl-phenylether	15.90	248	53303	42.53	nq	92
67) Hexachlorobenzene	16.01	284	56773	43.30	nq	95
68) Atrazine	16.20	200	61807	41.97	nq	98
69) Pentachlorophenol	16.37	266	52951	84.08	nq	97
70) Phenanthrene	16.74	178	357320	42.34	nq	99
71) Anthracene	16.83	178	368842	43.70	nq	99
72) Carbazole	17.12	167	372923	45.17	nq	99
73) Di-n-butylphthalate	17.69	149	454748	44.53	nq	98
74) Fluoranthene	18.77	202	381956	42.09	nq	99
76) Benzidine	18.98	184	150762	24.53	nq	99
77) Pyrene	19.13	202	405681	38.84	nq	99
79) Butylbenzylphthalate	20.07	149	212541	40.83	nq	91
80) Benzo(a)anthracene	20.90	228	381614	41.34	nq	99
81) 3,3'-Dichlorobenzidine	20.84	252	92320	29.39	nq	97
82) Chrysene	20.95	228	362758	41.55	nq	99
83) Bis(2-ethylhexyl)phthalate	20.85	149	307764	42.02	nq	94
84) Di-n-octyl phthalate	21.69	149	642107	51.86	nq	# 96
85) Indeno(1,2,3-cd)pyrene	25.03	276	537418	54.08	nq	98
87) Benzo(b)fluoranthene	22.37	252	485851	42.55	nq	99
88) Benzo(k)fluoranthene	22.41	252	450763	40.32	nq	99
89) Benzo(a)pyrene	22.89	252	460519	42.60	nq	99
90) Dibenzo(a,h)anthracene	25.04	278	447969	41.07	nq	99
91) Benzo(g,h,i)perylene	25.66	276	440381	40.17	nq	98

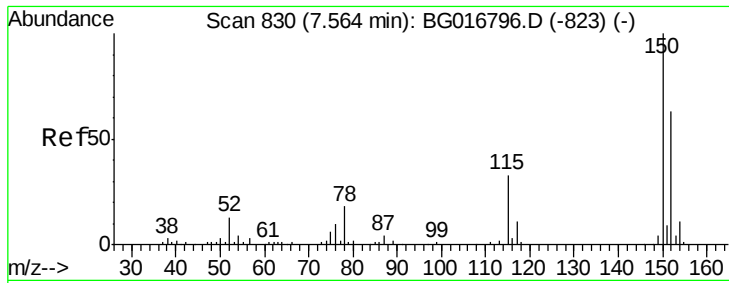
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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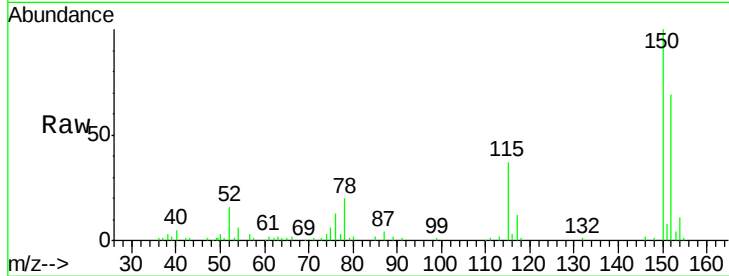


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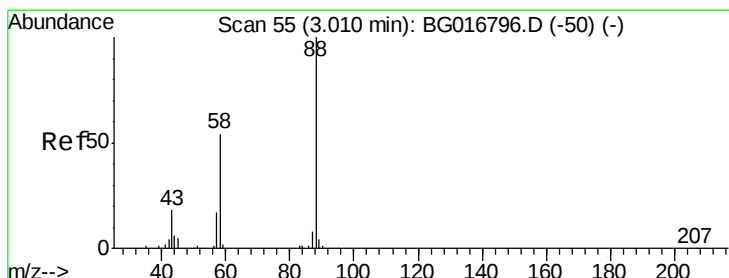
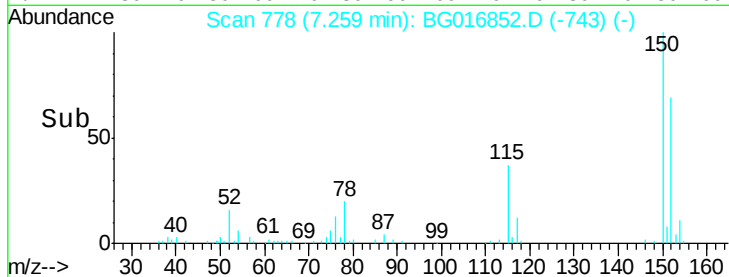
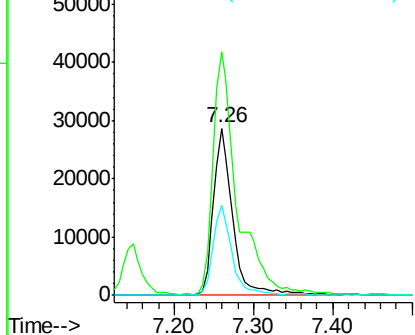
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.26 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BG016852.D
 Acq: 1 May 2015 19:23

Instrument :
 BNA_G
 ClientSampleId :
 PB83121BS

Tot Ion:152 Resp: 48416
 Ion Ratio Lower Upper
 152 100
 150 145.8 126.2 189.4
 115 53.7 41.1 61.7



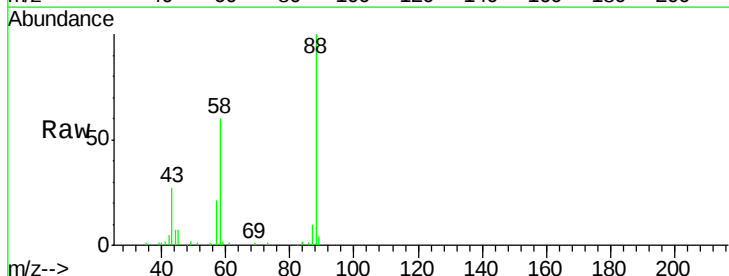
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



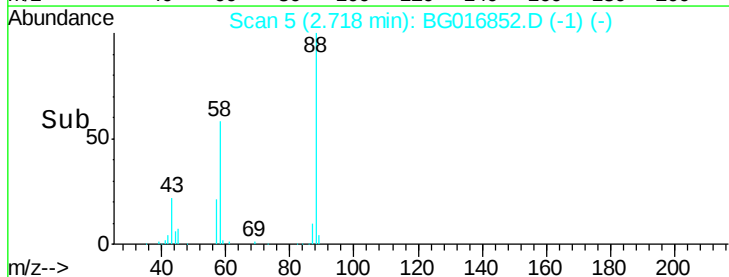
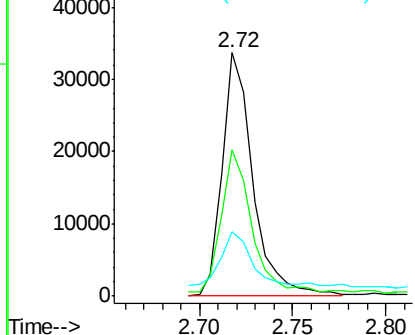
#2

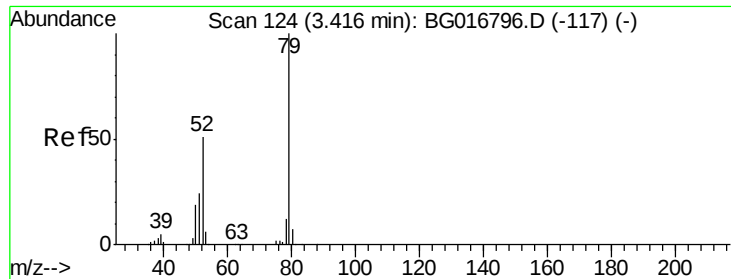
1,4-Dioxane
 Concen: 34.23 ng m
 RT: 2.72 min Scan# 5
 Delta R.T. -0.00 min
 Lab File: BG016852.D
 Acq: 1 May 2015 19:23

Tgt Ion: 88 Resp: 38534
 Ion Ratio Lower Upper
 88 100
 58 54.4 44.8 67.2
 43 23.7 16.2 24.4



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





#3

Pvridine

Concen: 32.88 ng

RT: 3.12 min Scan# 73

Delta R.T. 0.00 min

Lab File: BG016852.D

Acq: 1 May 2015 19:23

Instrument :

BNA_G

ClientSampleId :

PB83121BS

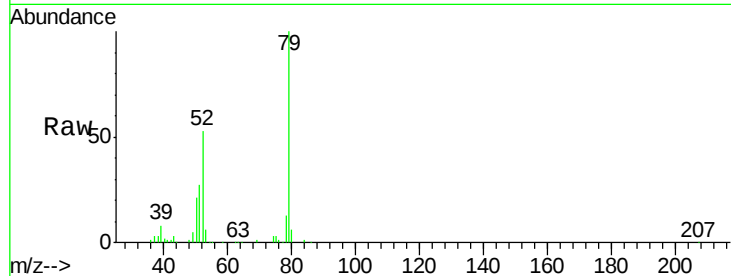
Tot Ion: 79 Resp: 103919

Ion Ratio Lower Upper

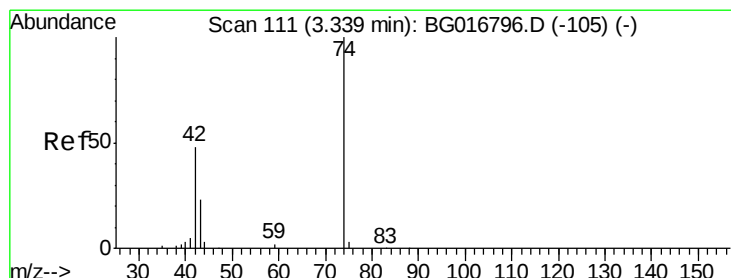
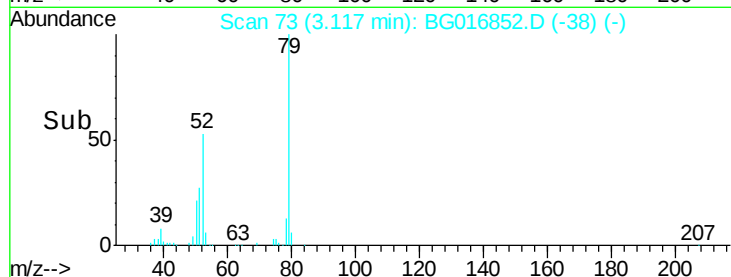
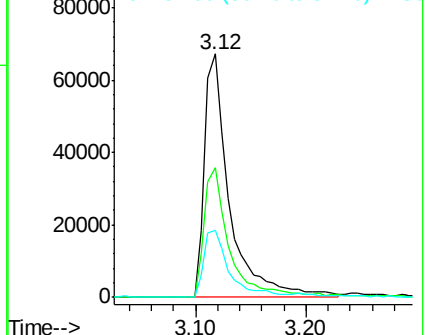
79 100

52 53.1 41.0 61.6

51 27.3 20.2 30.4



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: 46.67 ng

RT: 3.05 min Scan# 61

Delta R.T. 0.00 min

Lab File: BG016852.D

Acq: 1 May 2015 19:23

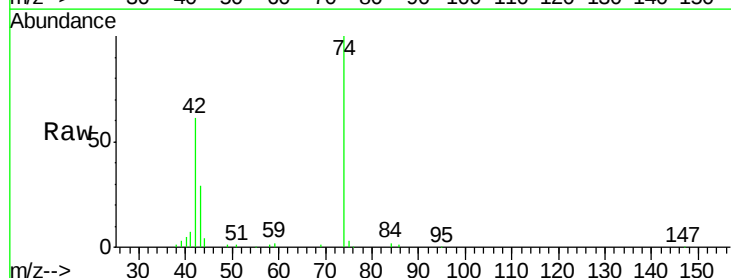
Tgt Ion: 42 Resp: 43048

Ion Ratio Lower Upper

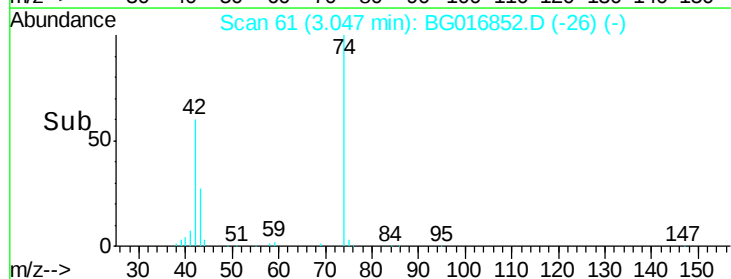
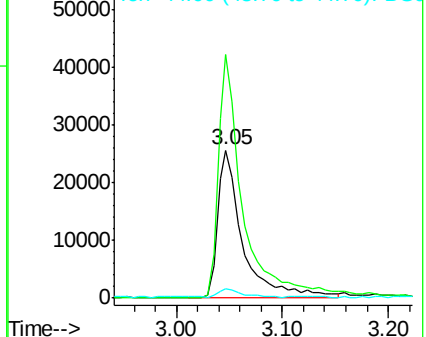
42 100

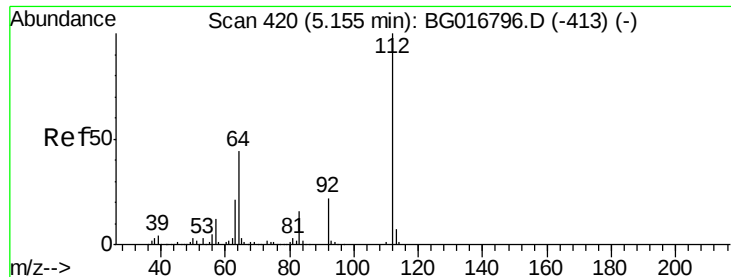
74 164.3 167.7 251.5#

44 5.9 5.0 7.6



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: 151.38 ng

RT: 4.87 min Scan# 371

Delta R.T. 0.01 min

Lab File: BG016852.D

Acq: 1 May 2015 19:23

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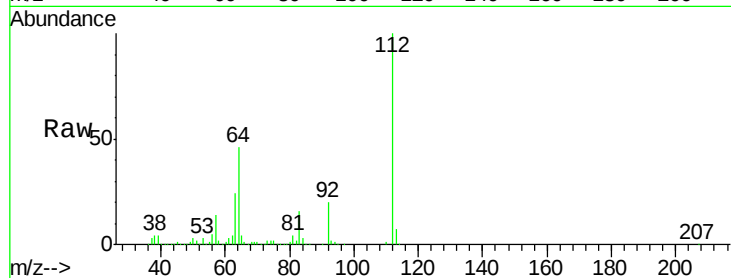
Tot Ion:112 Resp: 397888

Ion Ratio Lower Upper

112 100

64 46.4 35.5 53.3

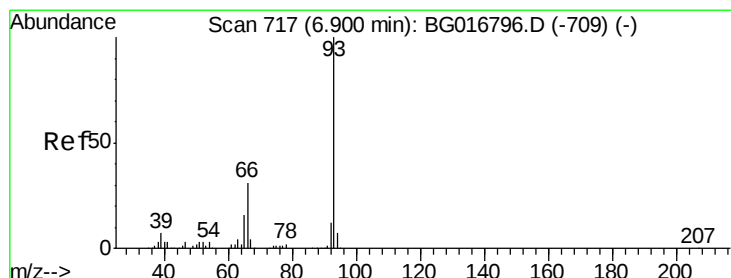
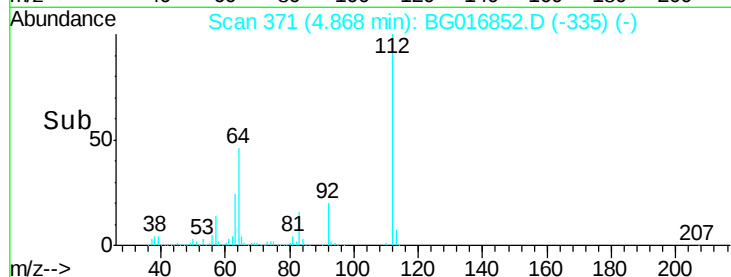
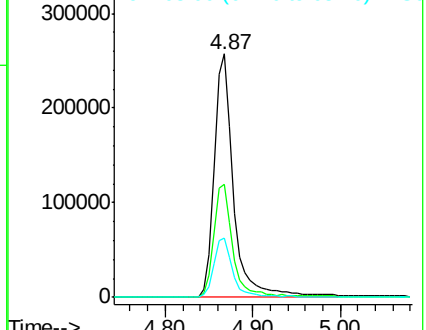
63 24.4 17.2 25.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 22.62 ng

RT: 6.60 min Scan# 666

Delta R.T. 0.00 min

Lab File: BG016852.D

Acq: 1 May 2015 19:23

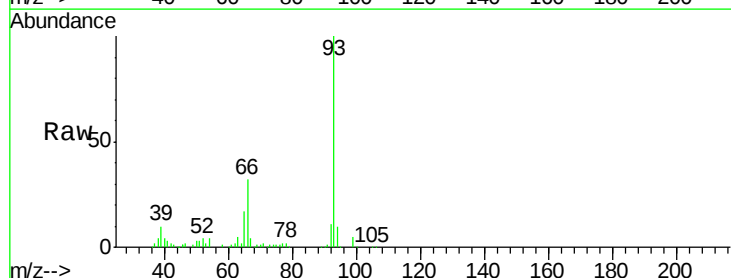
Tgt Ion: 93 Resp: 112823

Ion Ratio Lower Upper

93 100

66 32.0 24.6 37.0

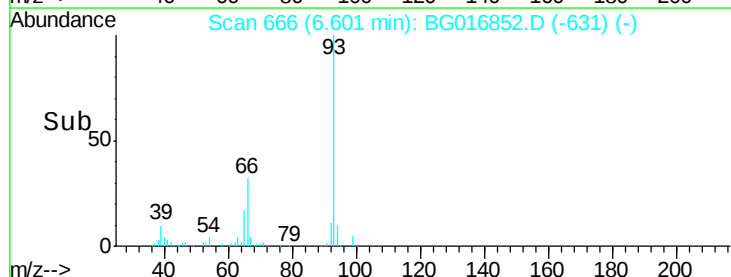
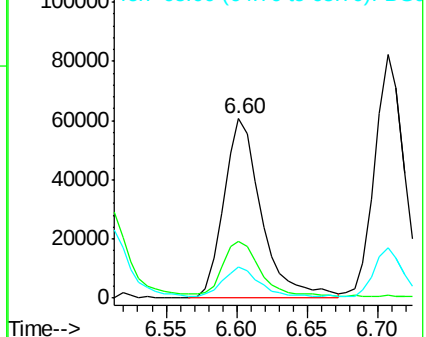
65 17.1 12.5 18.7

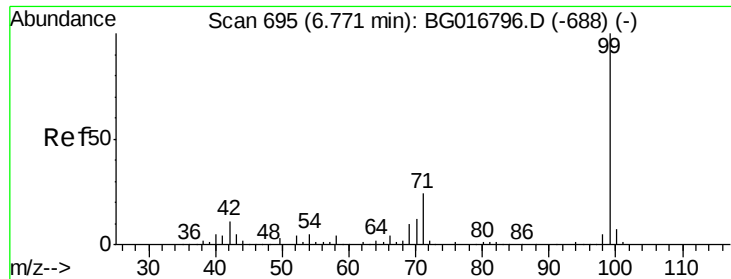


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 150.29 ng

RT: 6.48 min Scan# 646

Delta R.T. 0.01 min

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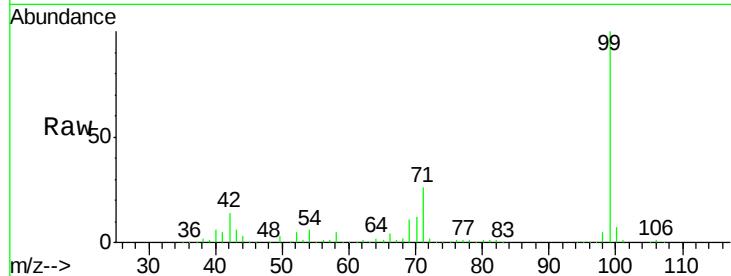
Tot Ion: 99 Resp: 554446

Ion Ratio Lower Upper

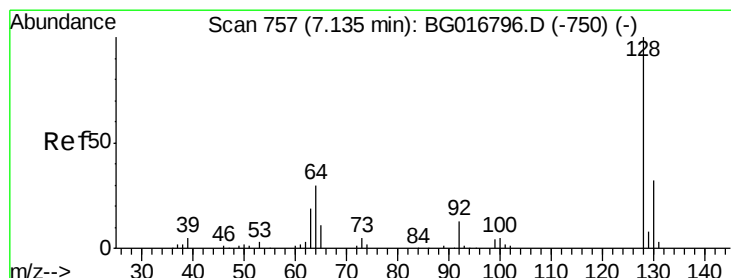
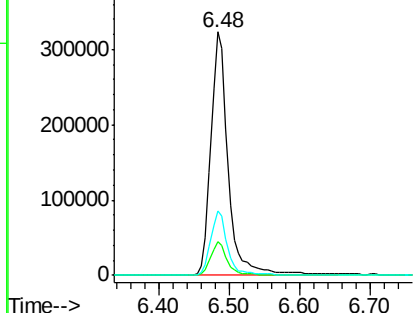
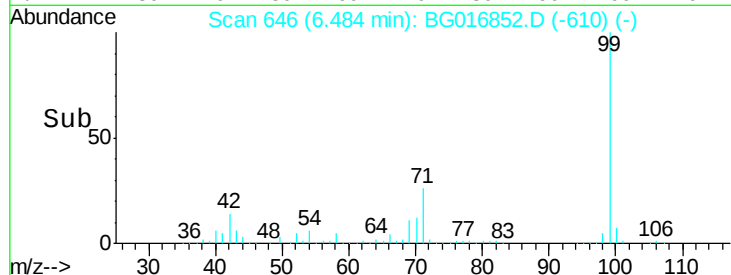
99 100

42 13.7 8.9 13.3#

71 26.3 19.0 28.6



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: 44.18 ng

RT: 6.83 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG016852.D

Acq: 1 May 2015 19:23

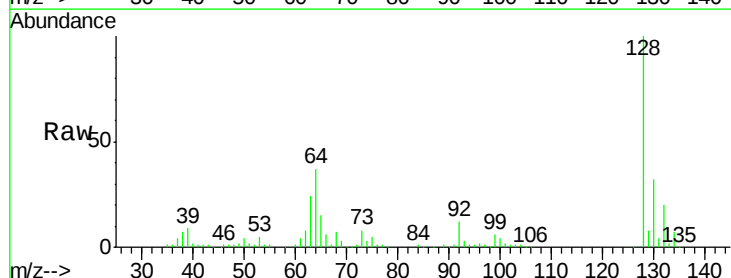
Tgt Ion: 128 Resp: 147608

Ion Ratio Lower Upper

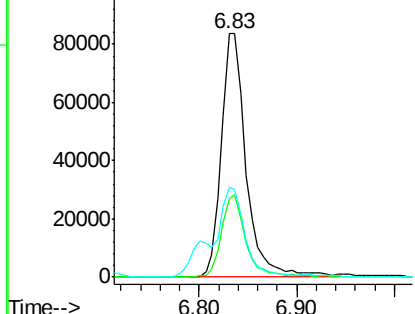
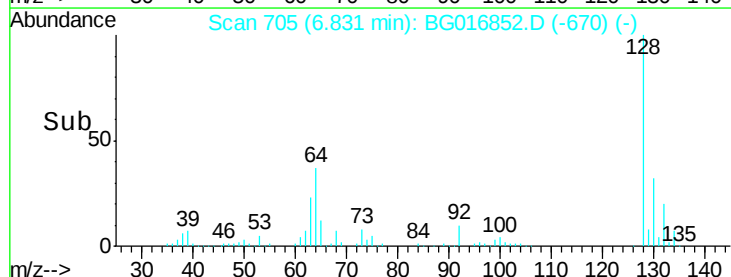
128 100

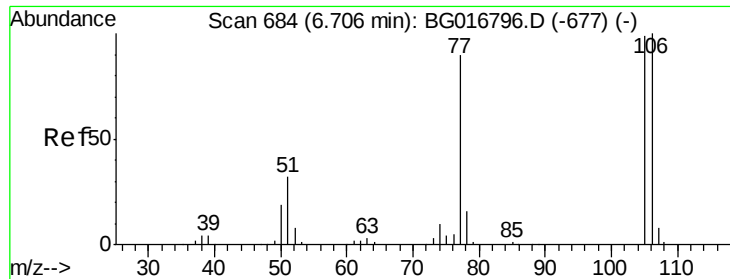
130 32.2 12.4 52.4

64 37.0 13.4 53.4



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: 23.09 ng

RT: 6.41 min Scan# 633

Delta R.T. 0.00 min

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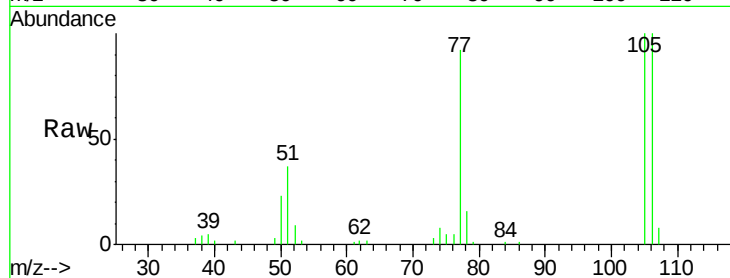
Tot Ion: 77 Resp: 48569

Ion Ratio Lower Upper

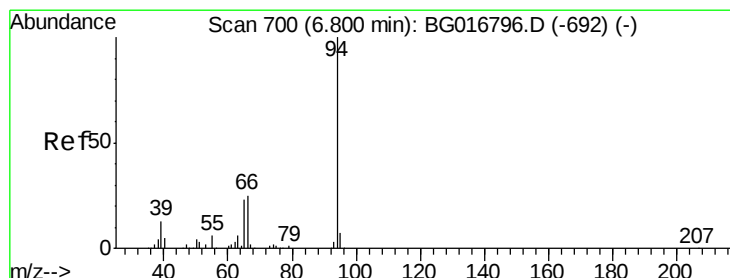
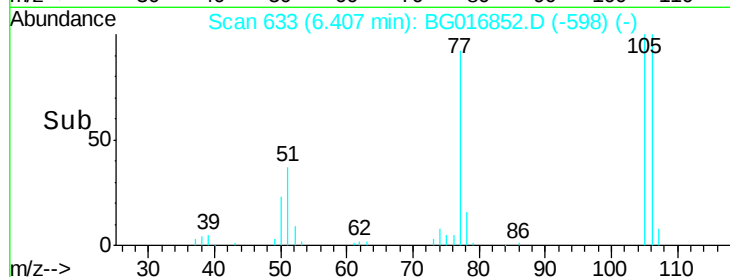
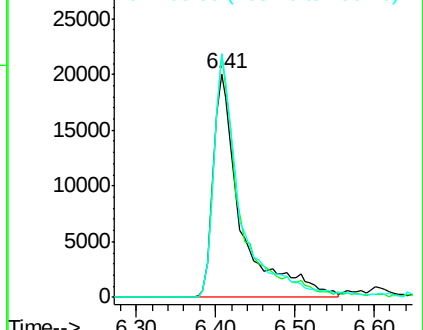
77 100

105 108.8 89.9 129.9

106 109.0 91.2 131.2



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: 45.81 ng

RT: 6.51 min Scan# 650

Delta R.T. 0.00 min

Lab File: BG016852.D

Acq: 1 May 2015 19:23

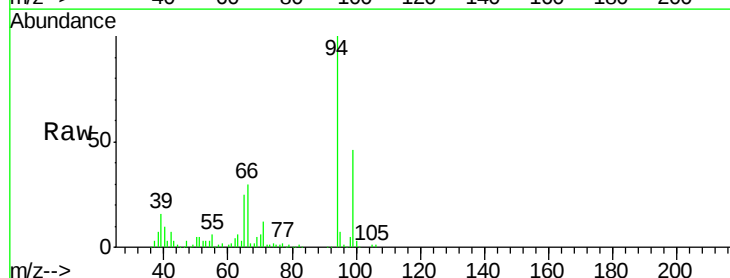
Tgt Ion: 94 Resp: 173350

Ion Ratio Lower Upper

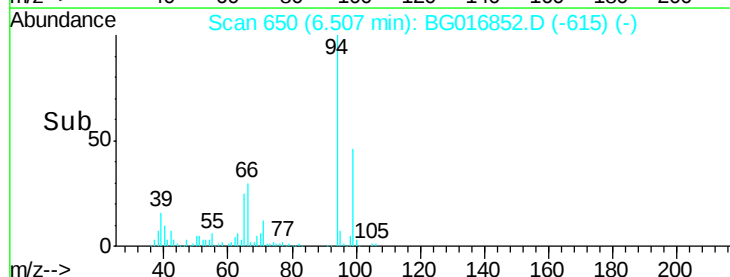
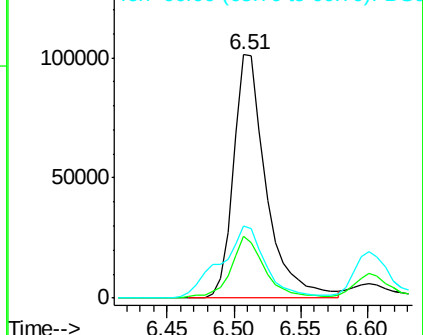
94 100

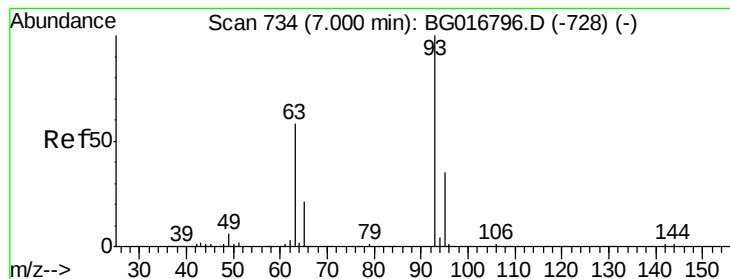
65 25.4 3.0 43.0

66 29.6 6.3 46.3



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: 43.28 ng

RT: 6.71 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG016852.D

Acq: 1 May 2015 19:23

Instrument :

BNA_G

ClientSampleId :

PB83121BS

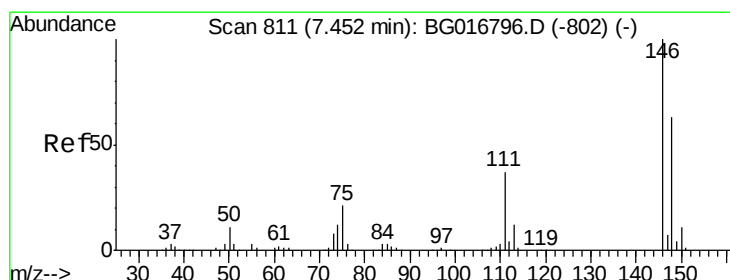
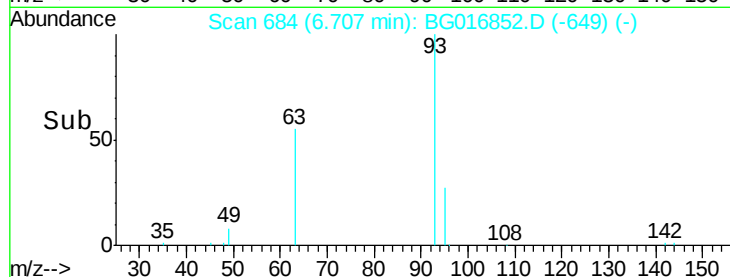
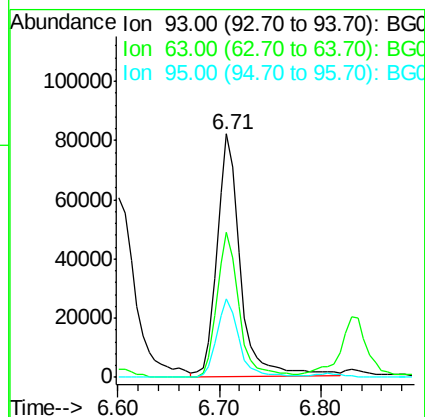
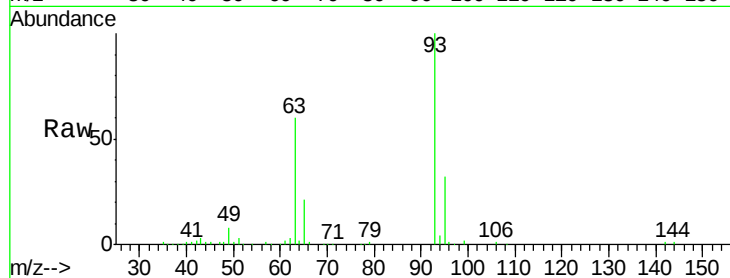
Tot Ion: 93 Resp: 130638

Ion Ratio Lower Upper

93 100

63 59.6 38.0 78.0

95 32.0 14.5 54.5



#12

1,3-Dichlorobenzene

Concen: 38.36 ng

RT: 7.15 min Scan# 759

Delta R.T. 0.01 min

Lab File: BG016852.D

Acq: 1 May 2015 19:23

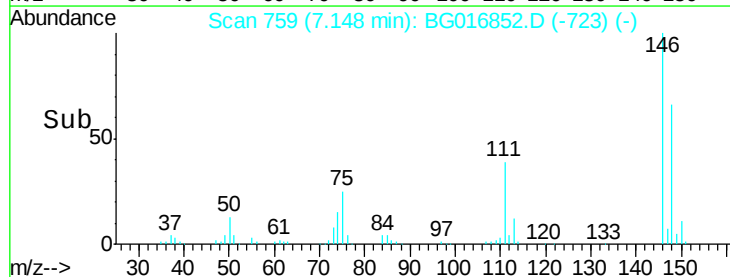
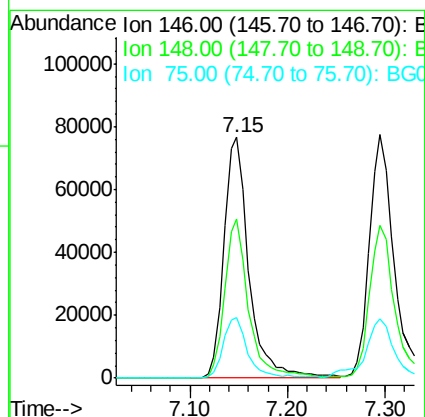
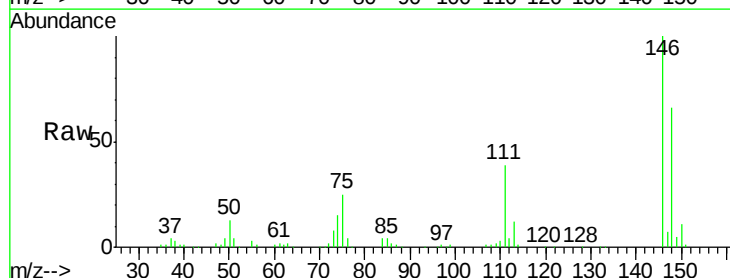
Tgt Ion: 146 Resp: 136529

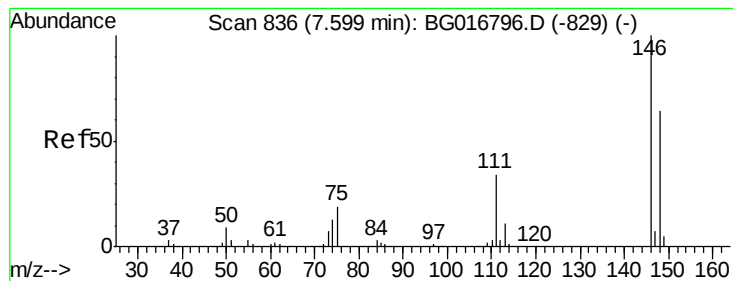
Ion Ratio Lower Upper

146 100

148 66.2 50.3 75.5

75 24.9 16.7 25.1





#13

1,4-Dichlorobenzene

Concen: 38.00 ng

RT: 7.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: BG016852.D

Acq: 1 May 2015 19:23

Instrument :

BNA_G

ClientSampleId :

PB83121BS

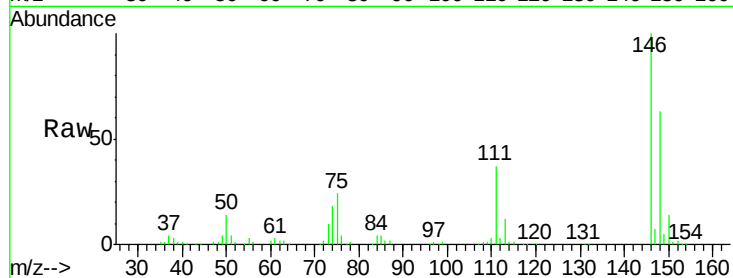
Tot Ion:146 Resp: 138224

Ion Ratio Lower Upper

146 100

148 62.9 51.3 76.9

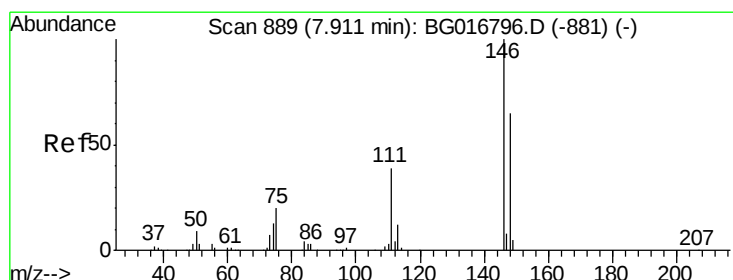
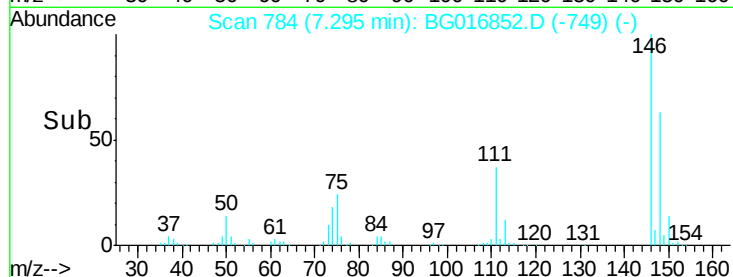
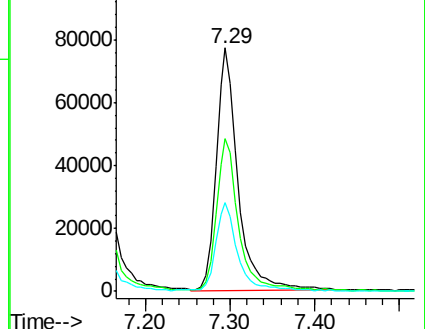
111 36.6 27.6 41.4



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: 39.23 ng

RT: 7.61 min Scan# 837

Delta R.T. 0.00 min

Lab File: BG016852.D

Acq: 1 May 2015 19:23

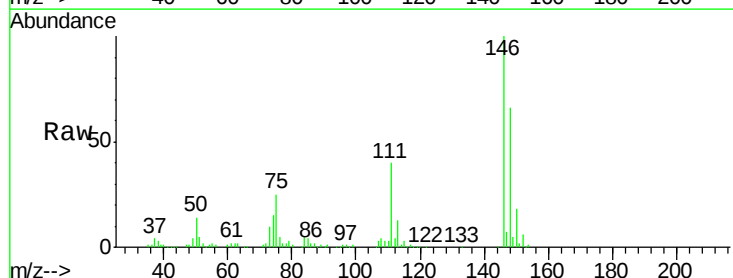
Tgt Ion:146 Resp: 136718

Ion Ratio Lower Upper

146 100

148 66.3 52.3 78.5

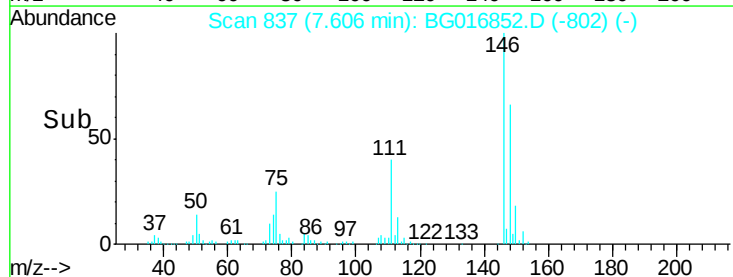
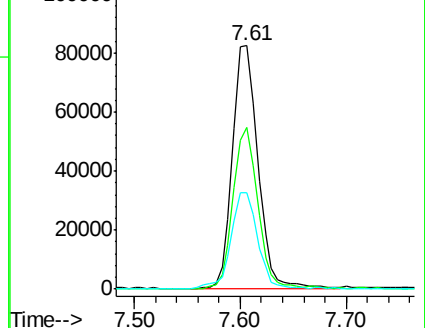
111 39.6 31.7 47.5

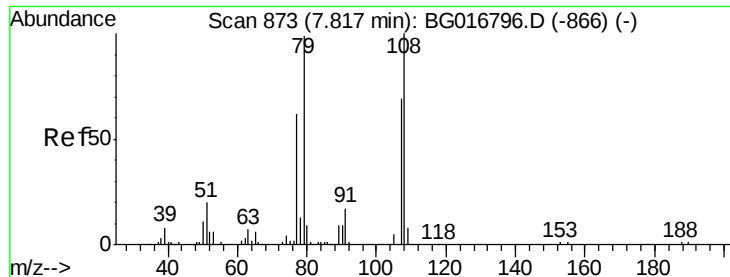


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.93 ng

RT: 7.52 min Scan# 823

Delta R.T. 0.01 min

Lab File: BG016852.D

Acq: 1 May 2015 19:23

Instrument :

BNA_G

ClientSampleId :

PB83121BS

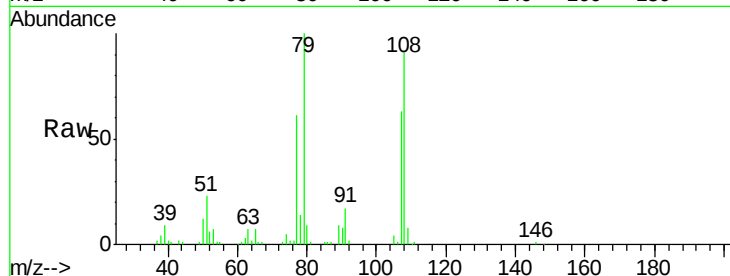
Tot Ion: 79 Resp: 101014

Ion Ratio Lower Upper

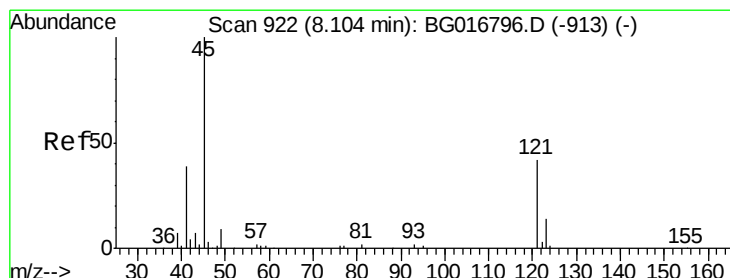
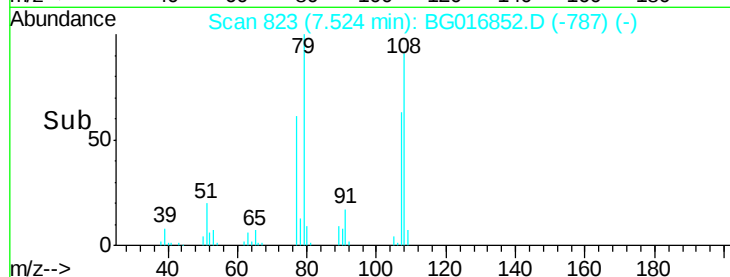
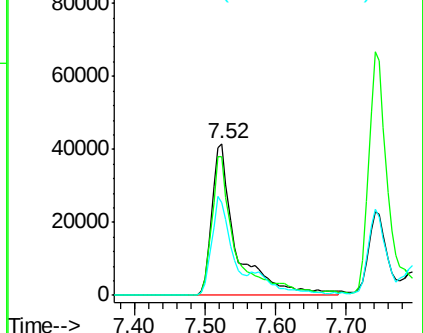
79 100

108 91.5 80.6 121.0

77 61.2 50.2 75.2



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: 47.89 ng

RT: 7.81 min Scan# 872

Delta R.T. 0.00 min

Lab File: BG016852.D

Acq: 1 May 2015 19:23

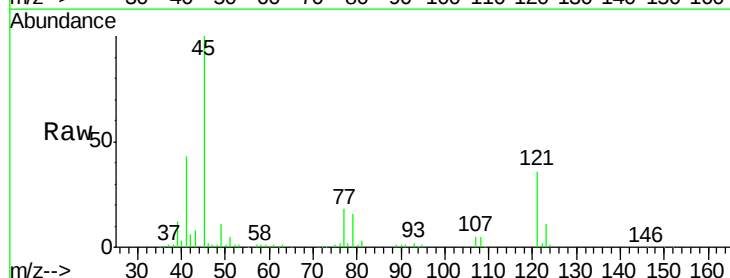
Tgt Ion: 45 Resp: 127599

Ion Ratio Lower Upper

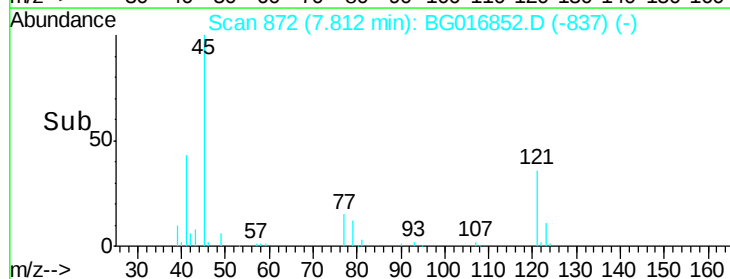
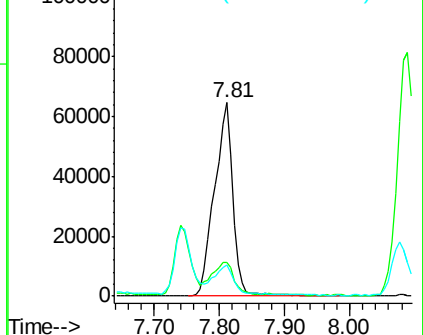
45 100

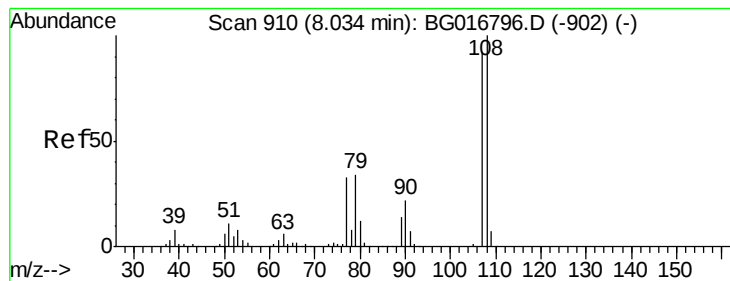
77 17.5 0.0 37.7

79 16.3 0.0 35.2



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: 42.53 ng

RT: 7.74 min Scan# 860

Delta R.T. 0.00 min

Lab File: BG016852.D

Acq: 1 May 2015 19:23

Instrument :

BNA_G

ClientSampleId :

PB83121BS

Tot Ion:107 Resp: 115913

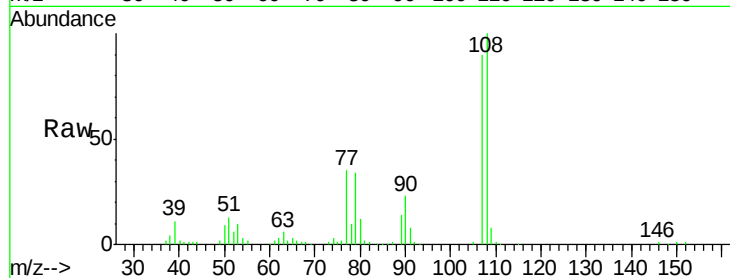
Ion Ratio Lower Upper

107 100

108 110.7 86.6 130.0

77 39.1 28.4 42.6

79 38.1 29.8 44.6

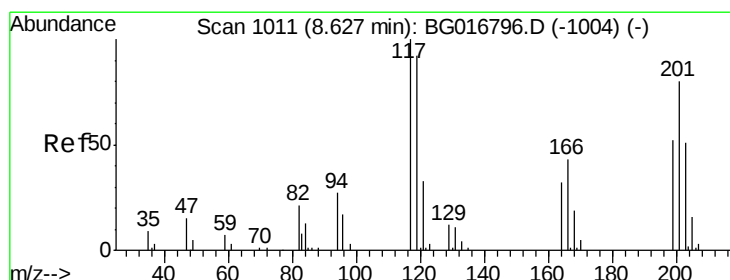
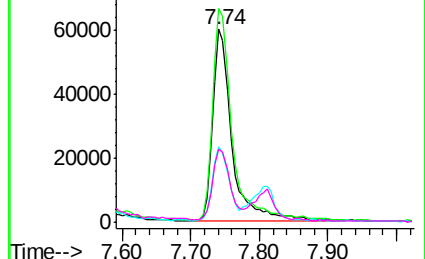
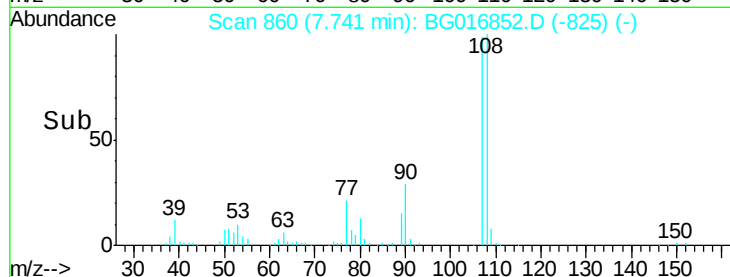


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.02 ng

RT: 8.32 min Scan# 958

Delta R.T. 0.00 min

Lab File: BG016852.D

Acq: 1 May 2015 19:23

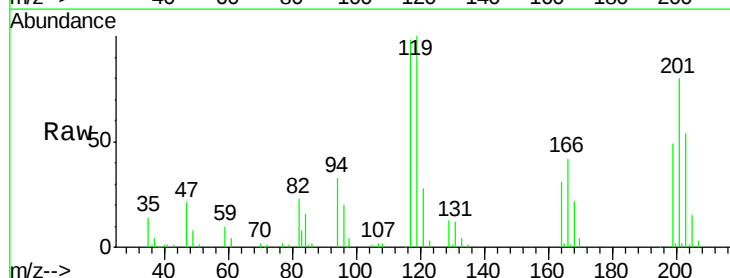
Tgt Ion:117 Resp: 53921

Ion Ratio Lower Upper

117 100

119 101.6 74.0 111.0

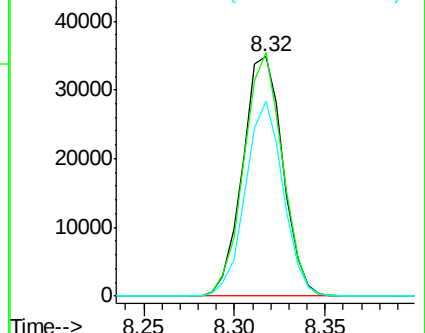
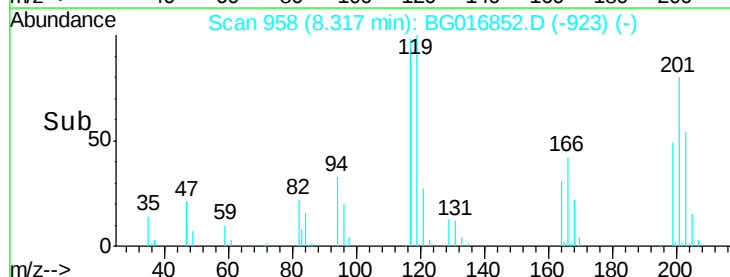
201 81.6 63.7 95.5

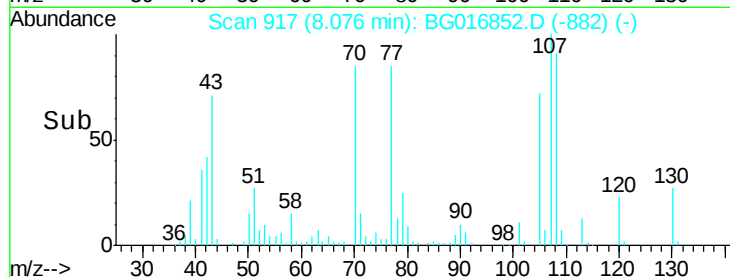
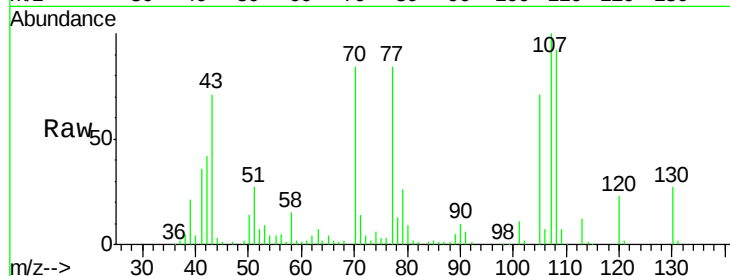
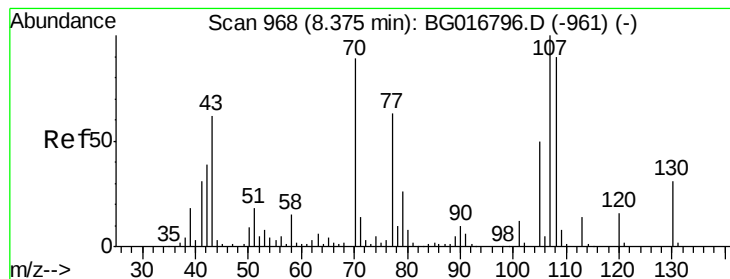


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.51 ng

RT: 8.08 min Scan# 917

Delta R.T. 0.00 min

Lab File: BG016852.D

Acq: 1 May 2015 19:23

Instrument :

BNA_G

ClientSampleId :

PB83121BS

Tot Ion: 70 Resp: 93158

Ion Ratio Lower Upper

70 100

42 49.7 35.0 52.6

101 13.3 10.9 16.3

130 31.9 27.6 41.4

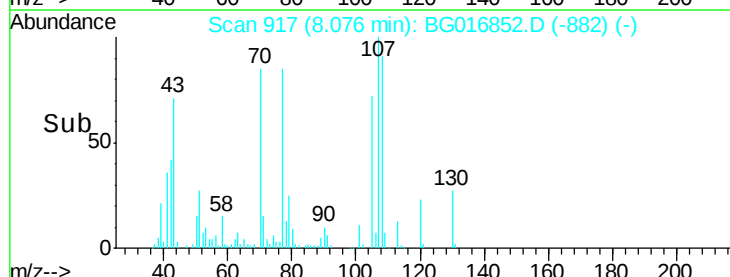
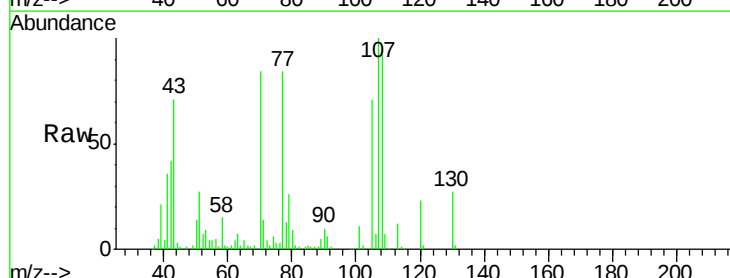
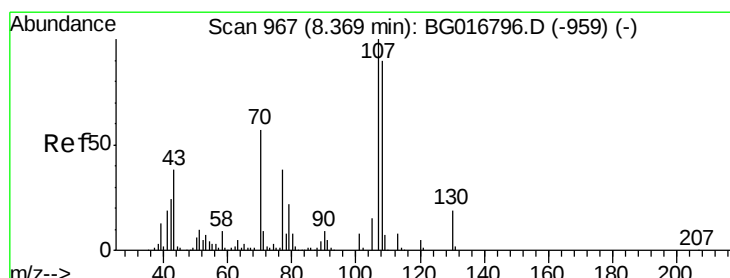
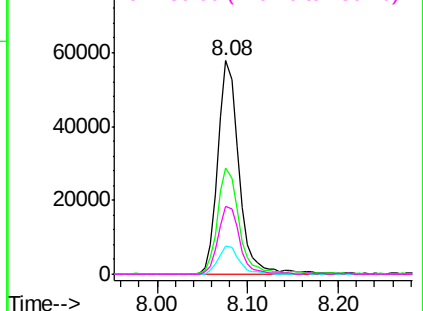
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 41.91 ng

RT: 8.08 min Scan# 917

Delta R.T. 0.00 min

Lab File: BG016852.D

Acq: 1 May 2015 19:23

Tgt Ion:107 Resp: 156934

Ion Ratio Lower Upper

107 100

108 91.8 70.5 110.5

77 84.5 18.2 58.2#

79 26.4 1.8 41.8

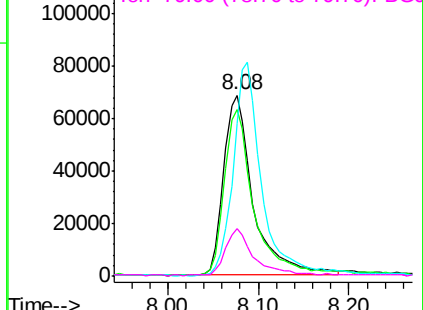
Abundance

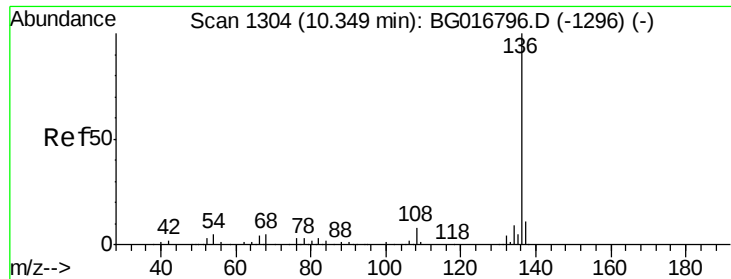
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.03 min Scan# 1250

Delta R.T. 0.00 min

Lab File: BG016852.D

Acq: 1 May 2015 19:23

Instrument :

BNA_G

ClientSampleId :

PB83121BS

Tot Ion:136 Resp: 210351

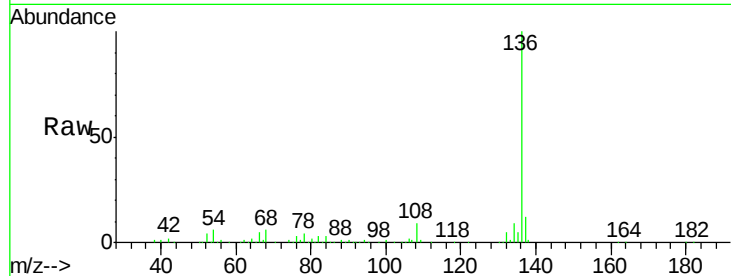
Ion Ratio Lower Upper

136 100

137 12.2 8.6 12.8

54 6.0 4.3 6.5

68 5.6 4.3 6.5

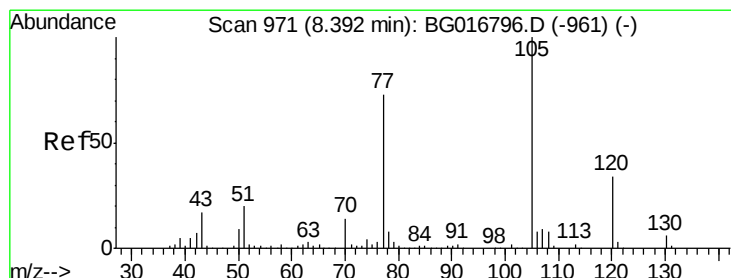
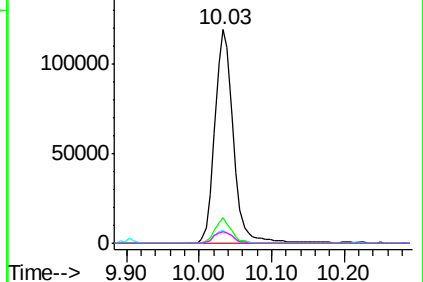
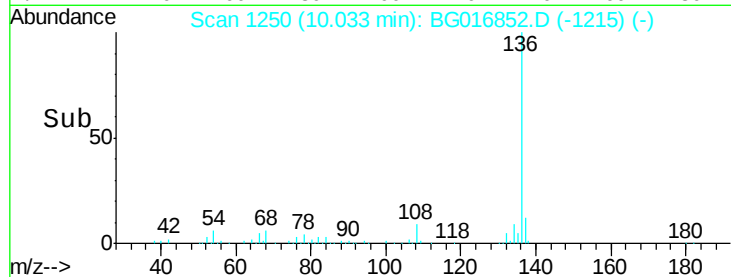


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.87 ng

RT: 8.09 min Scan# 919

Delta R.T. 0.00 min

Lab File: BG016852.D

Acq: 1 May 2015 19:23

Tgt Ion:105 Resp: 185164

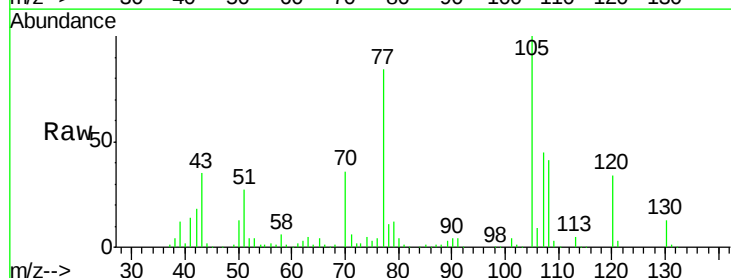
Ion Ratio Lower Upper

105 100

71 5.6 1.9 2.9#

51 26.7 16.1 24.1#

120 33.8 26.9 40.3

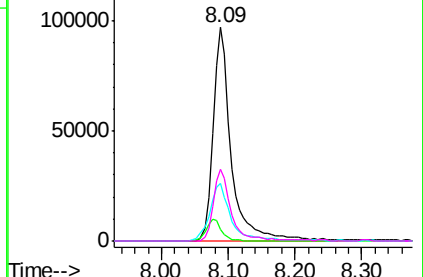
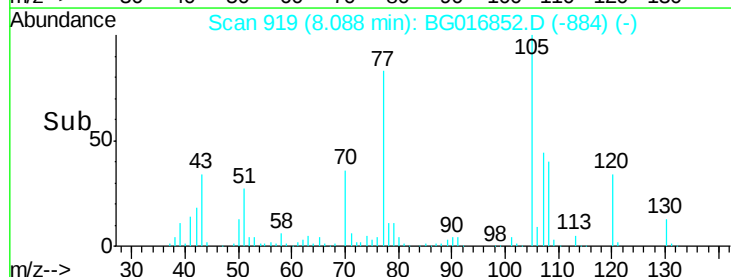


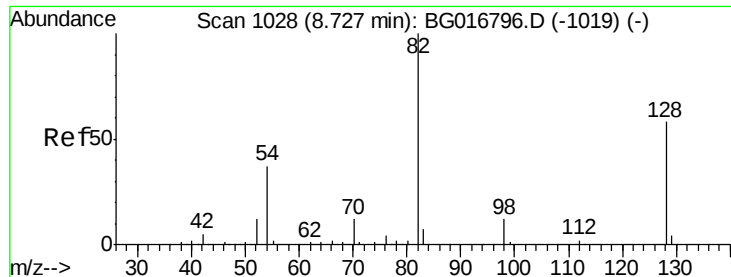
Abundance Ion 105.00 (104.70 to 105.70): E

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

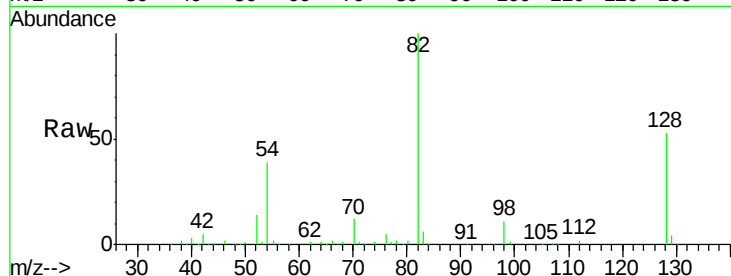




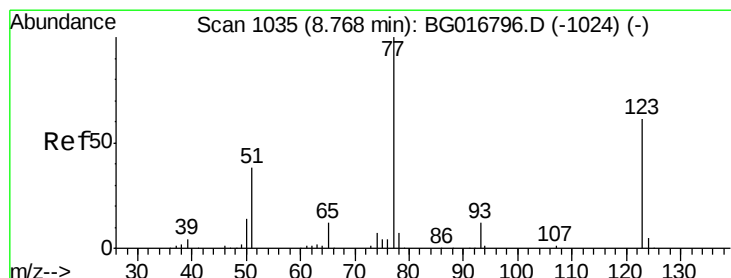
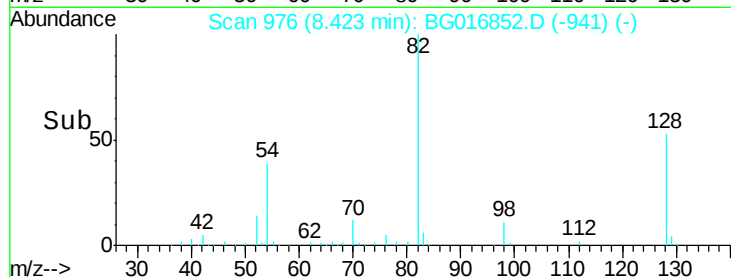
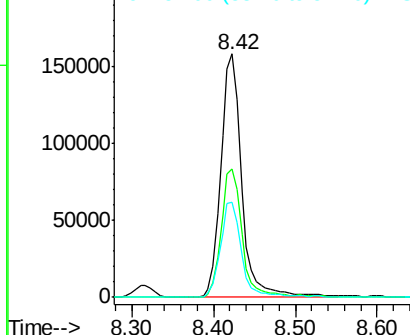
#23
Nitrobenzene-d5
Concen: 87.34 ng
RT: 8.42 min Scan# 976
Delta R.T. 0.00 min
Lab File: BG016852.D
Acq: 1 May 2015 19:23

Instrument :
BNA_G
ClientSampleId :
PB83121BS

Tot Ion: 82 Resp: 282031
Ion Ratio Lower Upper
82 100
128 52.6 46.3 69.5
54 39.0 30.0 45.0

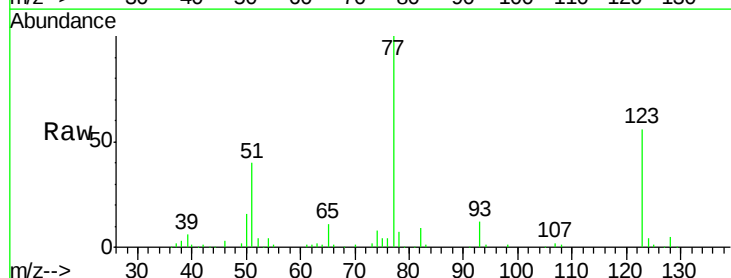


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

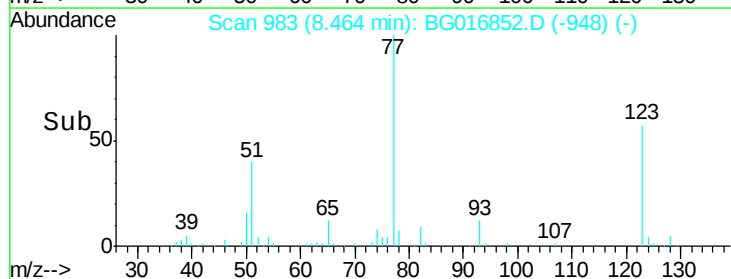
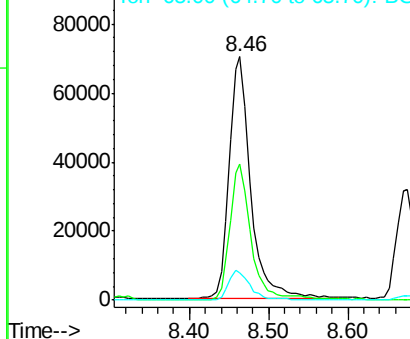


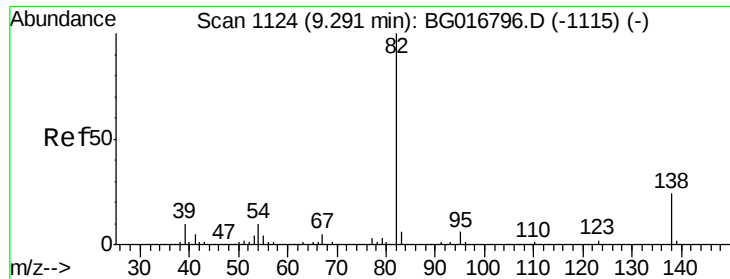
#24
Nitrobenzene
Concen: 43.08 ng
RT: 8.46 min Scan# 983
Delta R.T. 0.00 min
Lab File: BG016852.D
Acq: 1 May 2015 19:23

Tgt Ion: 77 Resp: 131419
Ion Ratio Lower Upper
77 100
123 56.1 49.0 73.6
65 11.4 9.8 14.8



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: 40.67 ng

RT: 8.98 min Scan# 1071

Delta R.T. 0.00 min

Lab File: BG016852.D

Acq: 1 May 2015 19:23

Instrument :

BNA_G

ClientSampleId :

PB83121BS

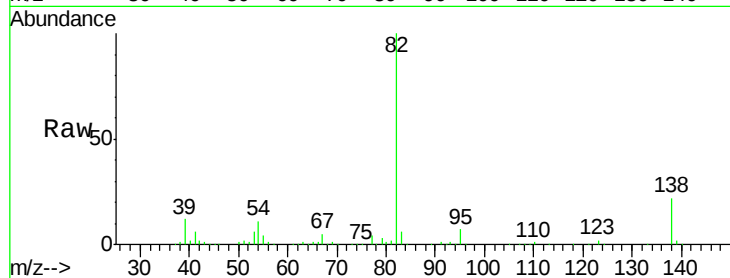
Tot Ion: 82 Resp: 261475

Ion Ratio Lower Upper

82 100

95 6.8 5.0 7.4

138 22.4 19.6 29.4



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

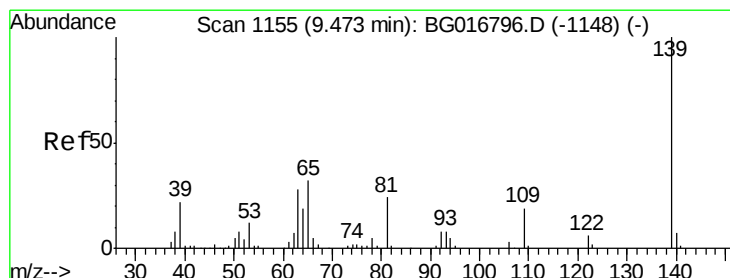
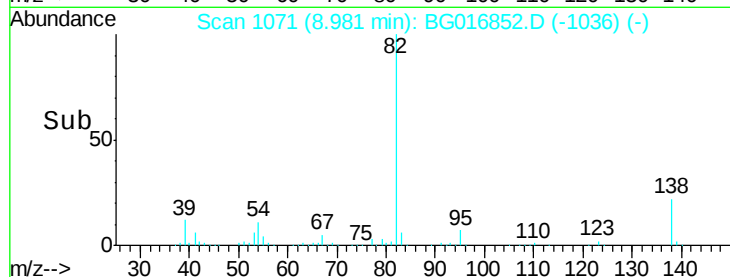
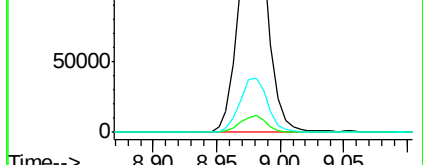
8.98

150000

100000

50000

0



#26

2-Nitrophenol

Concen: 40.15 ng

RT: 9.17 min Scan# 1103

Delta R.T. 0.00 min

Lab File: BG016852.D

Acq: 1 May 2015 19:23

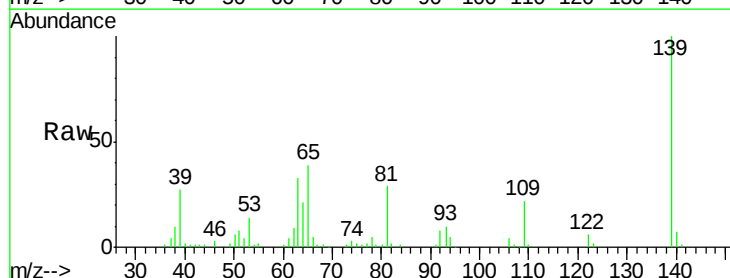
Tgt Ion: 139 Resp: 77673

Ion Ratio Lower Upper

139 100

109 21.6 15.1 22.7

65 39.3 25.4 38.2#



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

9.17

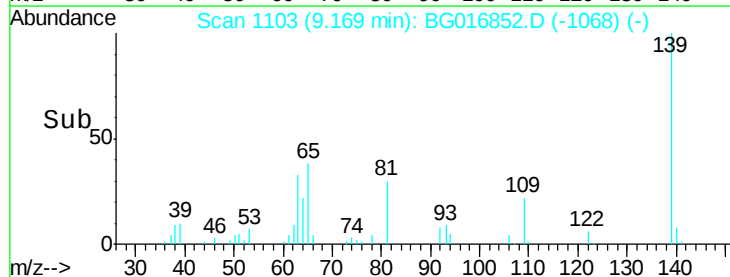
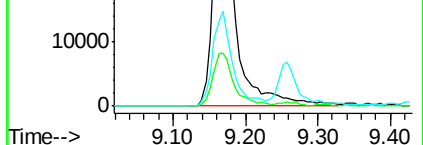
40000

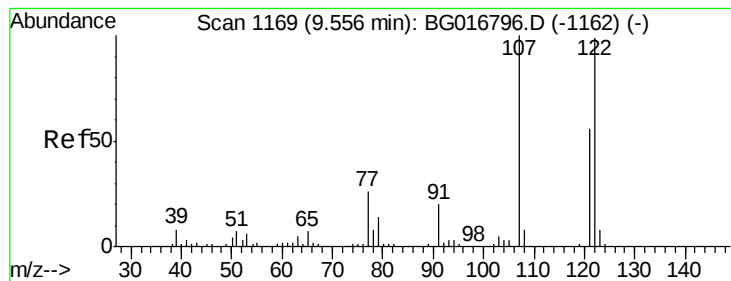
30000

20000

10000

0





#27

2,4-Dimethylphenol

Concen: 42.31 ng

RT: 9.26 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BG016852.D

Acq: 1 May 2015 19:23

Instrument :

BNA_G

ClientSampleId :

PB83121BS

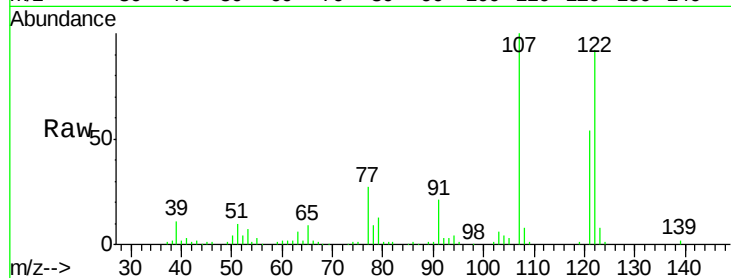
Tot Ion:122 Resp: 135413

Ion Ratio Lower Upper

122 100

107 108.4 81.1 121.7

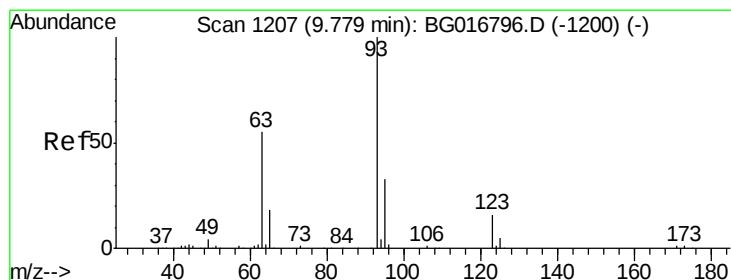
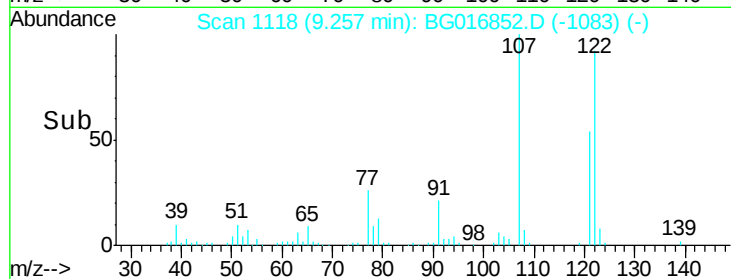
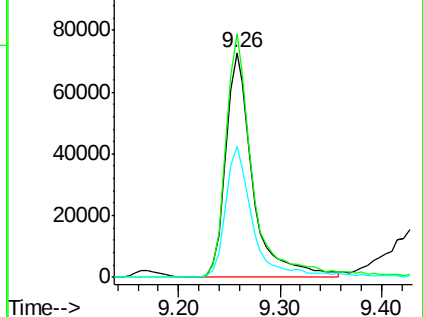
121 58.3 45.7 68.5



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: 42.30 ng

RT: 9.48 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BG016852.D

Acq: 1 May 2015 19:23

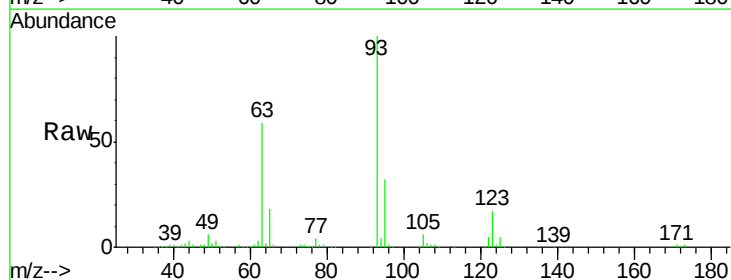
Tgt Ion: 93 Resp: 158500

Ion Ratio Lower Upper

93 100

95 31.7 26.2 39.4

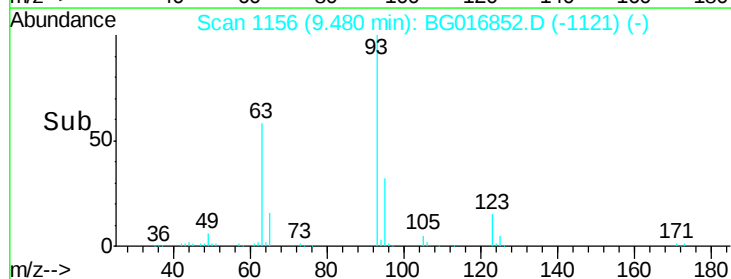
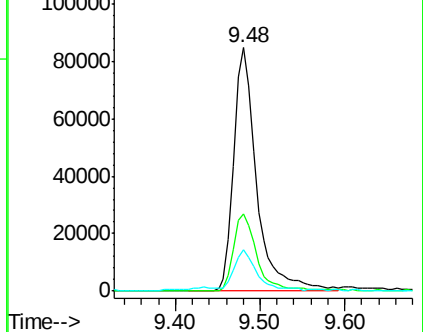
123 17.3 13.5 20.3

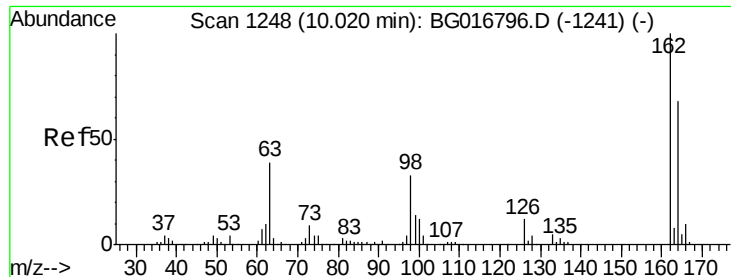


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

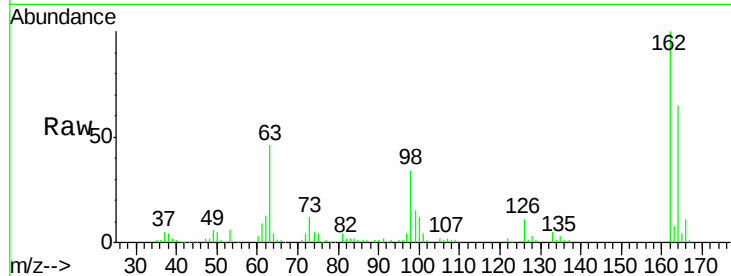




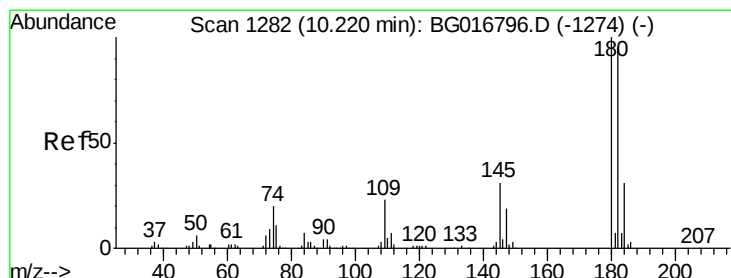
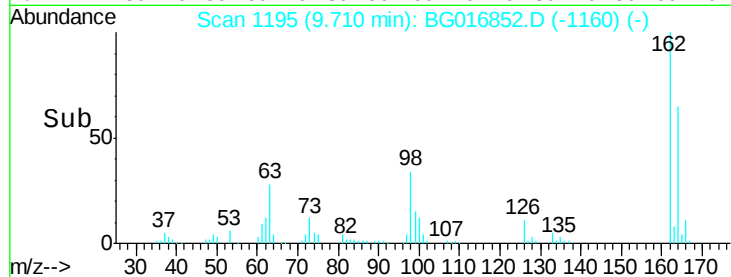
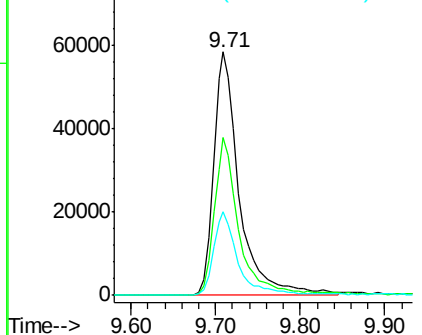
#29
 2,4-Dichlorophenol
 Concen: 44.35 ng
 RT: 9.71 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BG016852.D
 Acq: 1 May 2015 19:23

Instrument :
 BNA_G
 ClientSampleId :
 PB83121BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	47.6	87.6
98	34.1	13.2	53.2

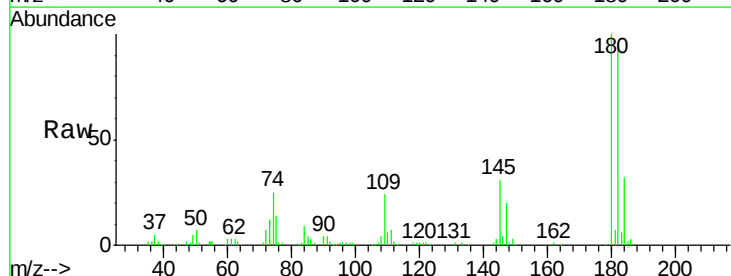


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

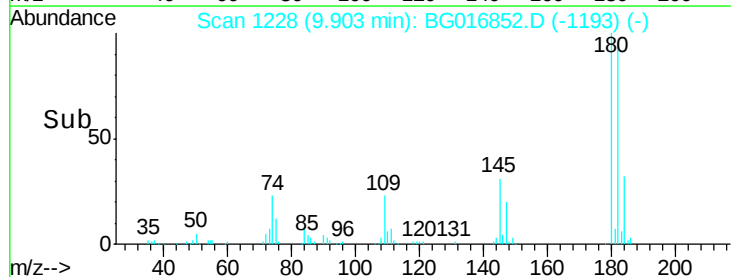
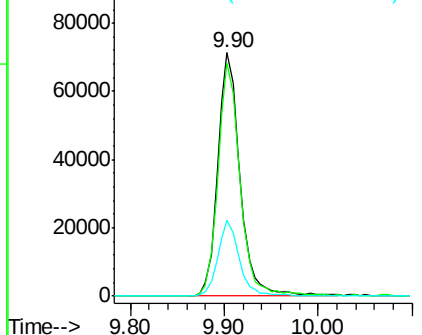


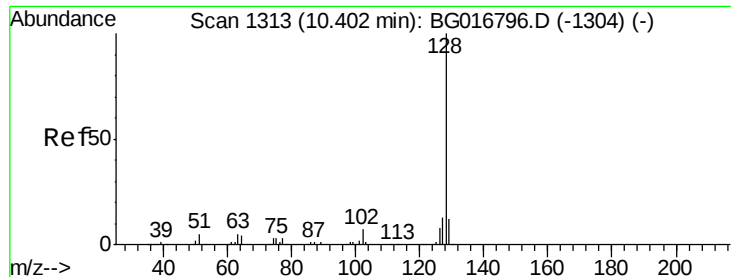
#30
 1,2,4-Trichlorobenzene
 Concen: 40.18 ng
 RT: 9.90 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BG016852.D
 Acq: 1 May 2015 19:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.1	114.1
145	31.4	24.9	37.3



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

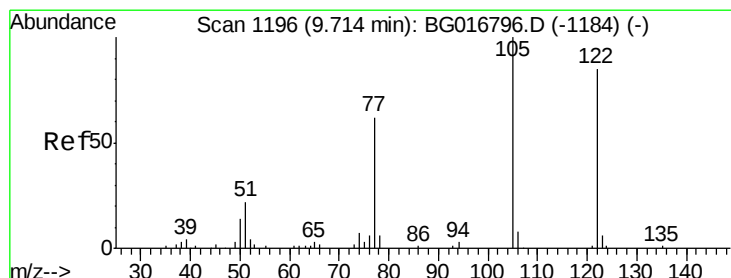
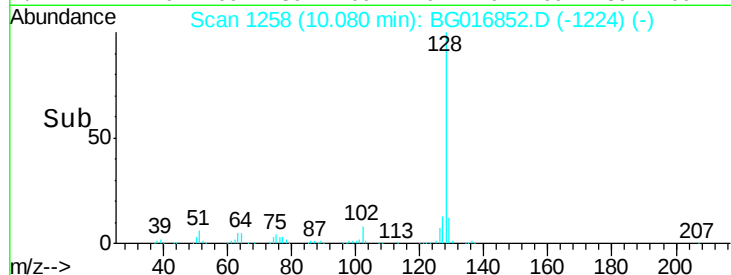
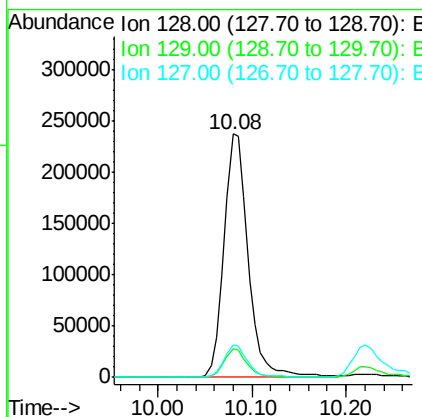
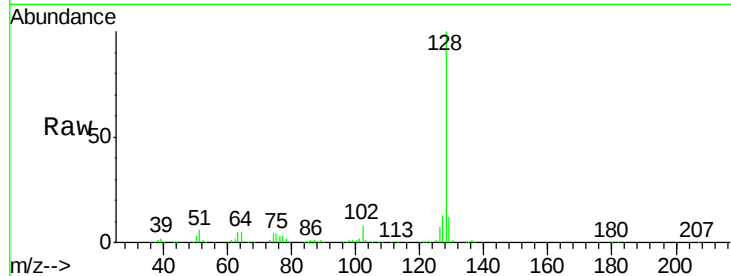




#31
Naphthalene
Concen: 40.64 ng
RT: 10.08 min Scan# 1258
Delta R.T. -0.00 min
Lab File: BG016852.D
Acq: 1 May 2015 19:23

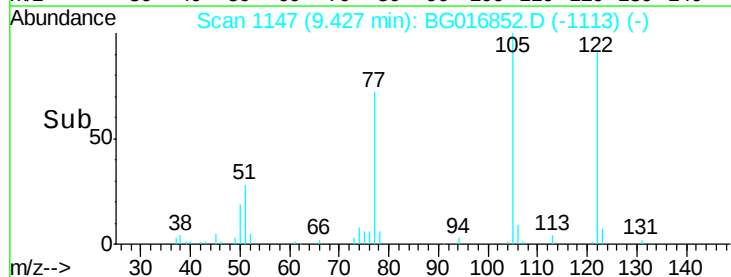
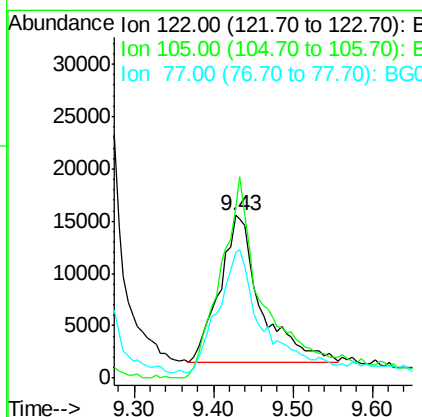
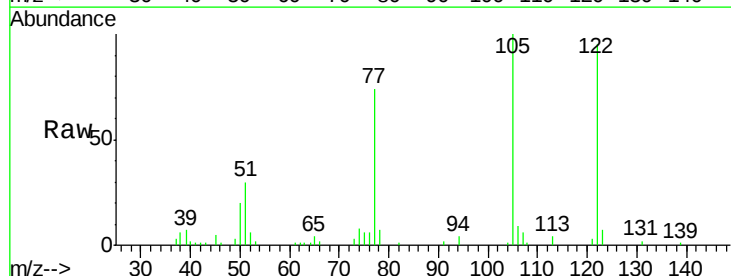
Instrument :
BNA_G
ClientSampleId :
PB83121BS

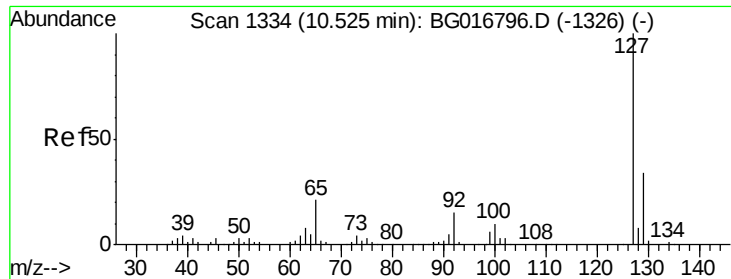
Tot Ion:128 Resp: 426682
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.0
127 13.3 10.5 15.7



#32
Benzoic acid
Concen: 31.61 ng
RT: 9.43 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BG016852.D
Acq: 1 May 2015 19:23

Tgt Ion:122 Resp: 50174
Ion Ratio Lower Upper
122 100
105 104.8 97.0 137.0
77 77.4 53.1 93.1

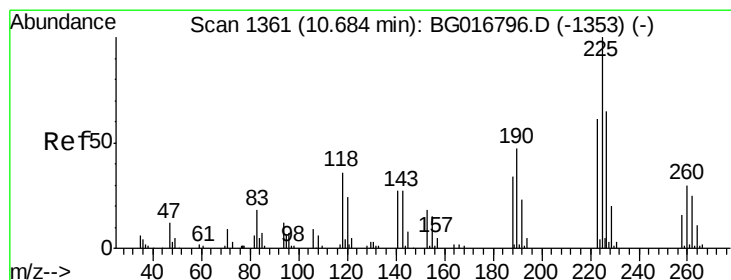
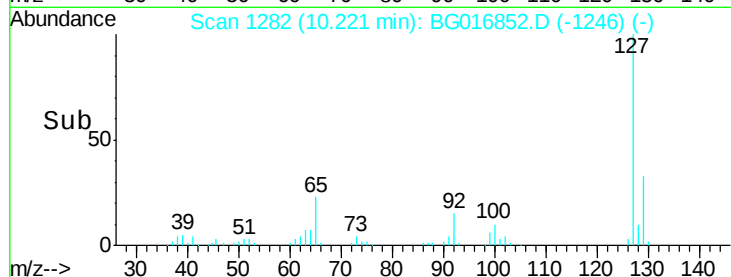
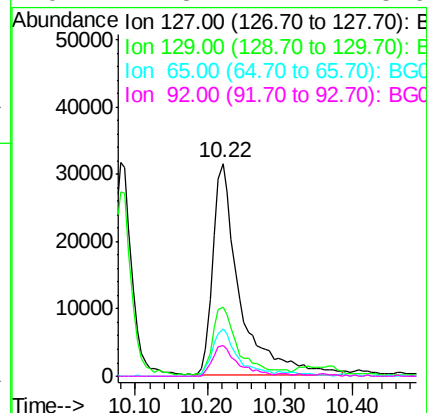
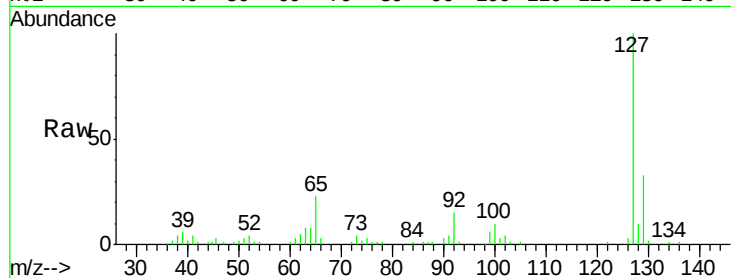




#33
4-Chloroaniline
Concen: 17.66 ng
RT: 10.22 min Scan# 1282
Delta R.T. 0.01 min
Lab File: BG016852.D
Acq: 1 May 2015 19:23

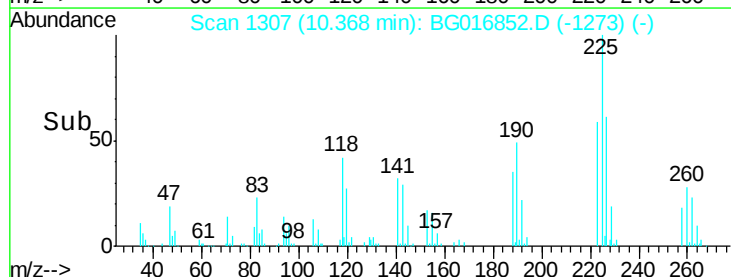
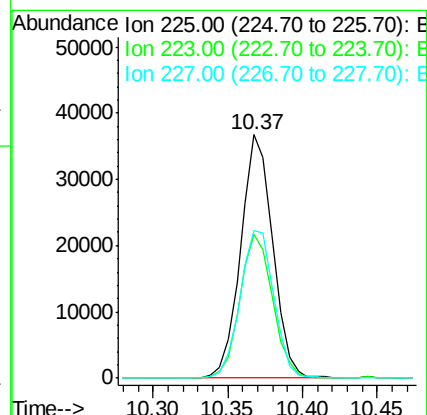
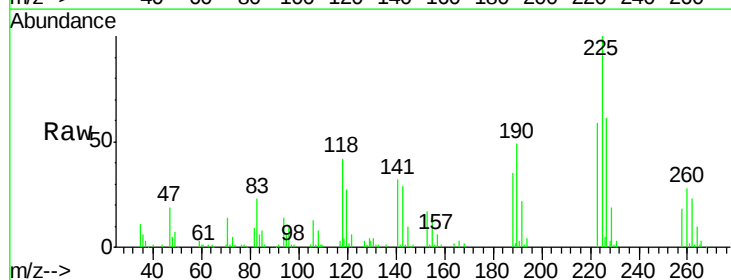
Instrument :
BNA_G
ClientSampleId :
PB83121BS

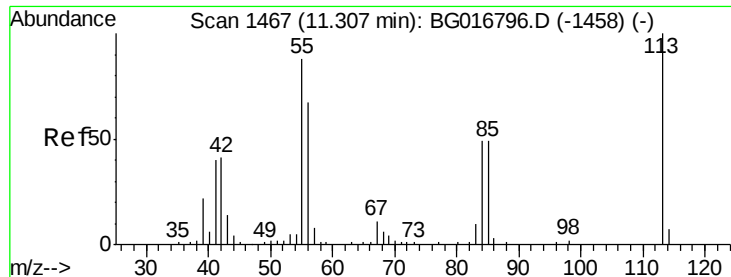
Tot Ion:	127	Resp:	80506
Ion	Ratio	Lower	Upper
127	100		
129	32.6	27.1	40.7
65	22.6	16.6	25.0
92	14.8	12.4	18.6



#34
Hexachlorobutadiene
Concen: 40.90 ng
RT: 10.37 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG016852.D
Acq: 1 May 2015 19:23

Tgt Ion:	225	Resp:	54640
Ion	Ratio	Lower	Upper
225	100		
223	59.0	48.5	72.7
227	60.6	51.6	77.4

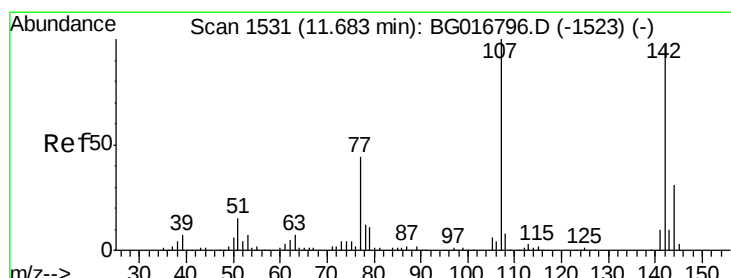
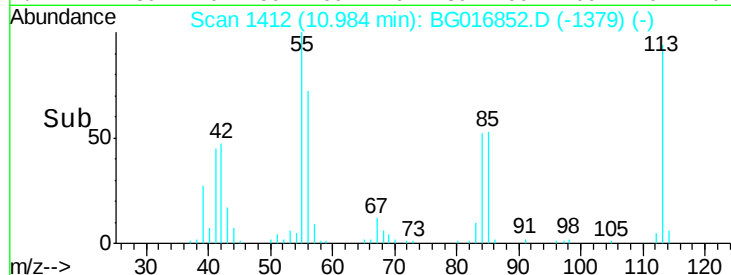
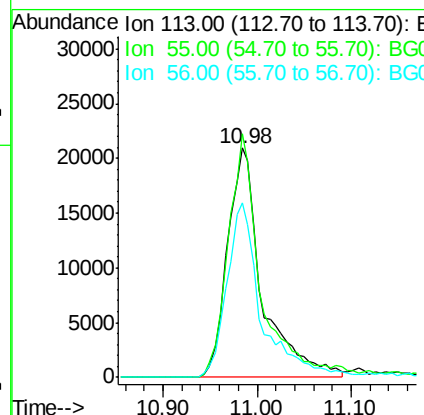
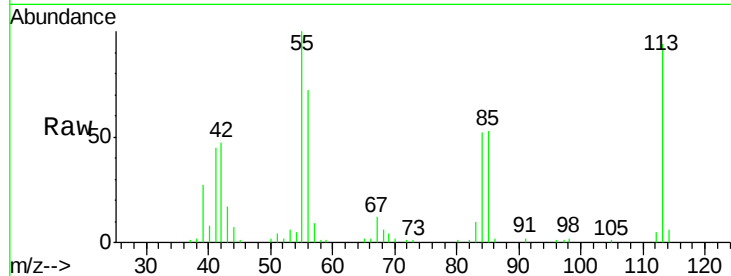




#35
 Caprolactam
 Concen: 35.22 ng
 RT: 10.98 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BG016852.D
 Acq: 1 May 2015 19:23

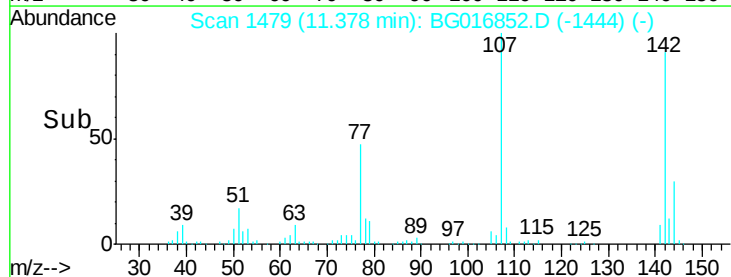
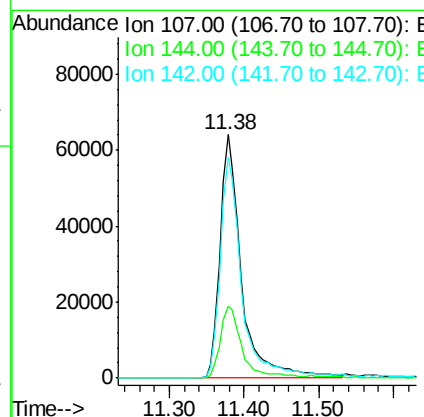
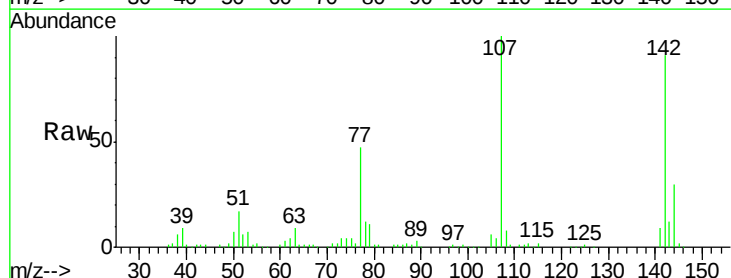
Instrument :
 BNA_G
 ClientSampleId :
 PB83121BS

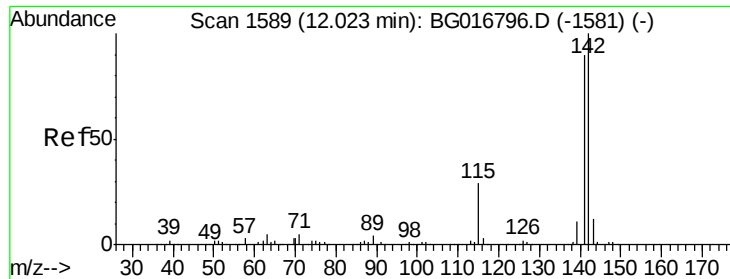
Tot Ion:113 Resp: 53711
 Ion Ratio Lower Upper
 113 100
 55 106.3 67.5 107.5
 56 76.3 46.9 86.9



#36
 4-Chloro-3-methylphenol
 Concen: 40.90 ng
 RT: 11.38 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BG016852.D
 Acq: 1 May 2015 19:23

Tgt Ion:107 Resp: 128178
 Ion Ratio Lower Upper
 107 100
 144 29.6 25.0 37.4
 142 90.8 77.8 116.8

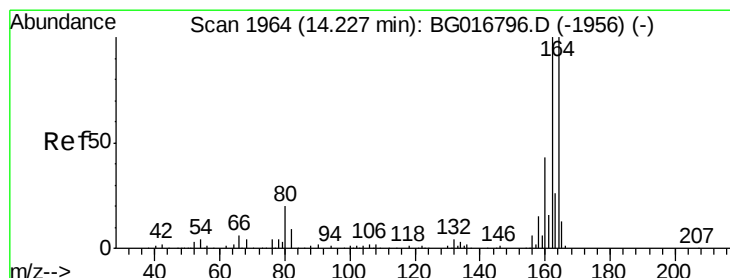
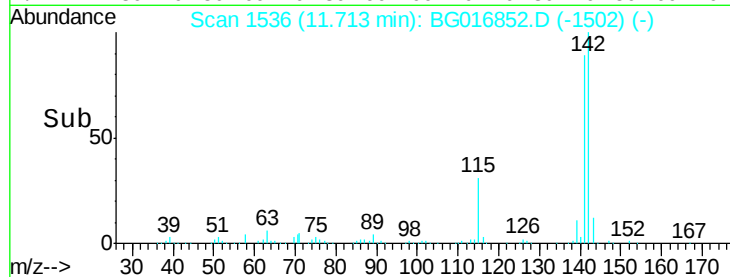
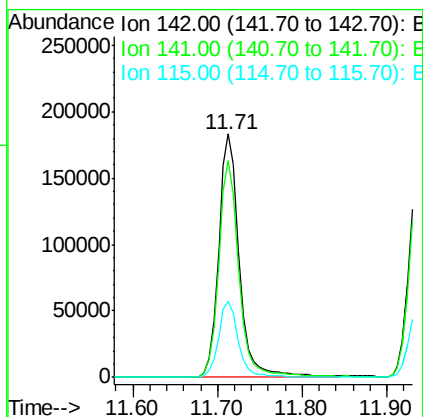
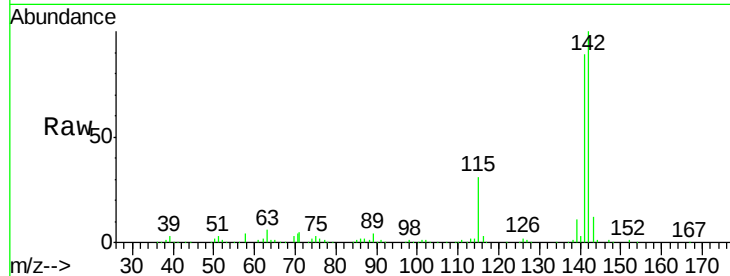




#37
 2-Methylnaphthalene
 Concen: 40.23 ng
 RT: 11.71 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: BG016852.D
 Acq: 1 May 2015 19:23

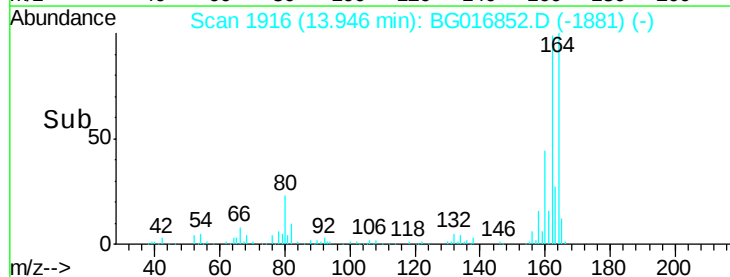
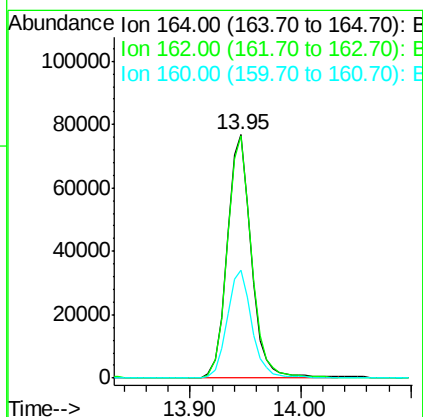
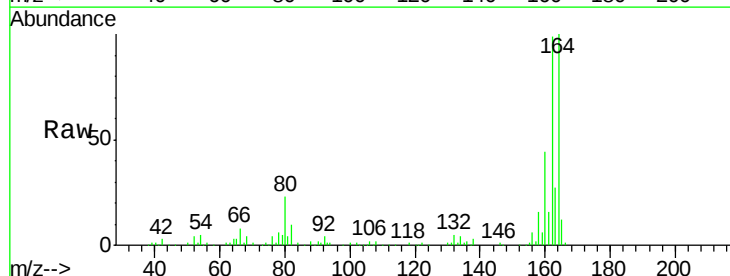
Instrument :
 BNA_G
 ClientSampleID :
 PB83121BS

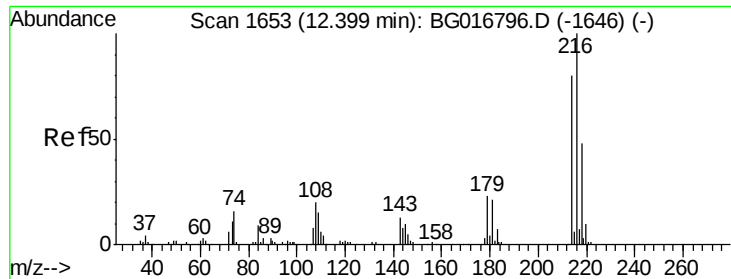
Tot Ion:142 Resp: 309318
 Ion Ratio Lower Upper
 142 100
 141 89.0 71.8 107.8
 115 31.1 23.5 35.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 13.95 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: BG016852.D
 Acq: 1 May 2015 19:23

Tgt Ion:164 Resp: 117277
 Ion Ratio Lower Upper
 164 100
 162 99.4 80.2 120.4
 160 44.2 34.8 52.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.55 ng

RT: 12.10 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BG016852.D

Acq: 1 May 2015 19:23

Instrument :

BNA_G

ClientSampleId :

PB83121BS

Tot Ion:216 Resp: 113340

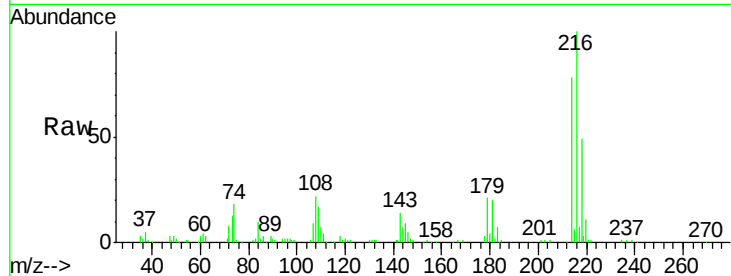
Ion Ratio Lower Upper

216 100

214 79.3 62.6 93.8

179 21.4 17.4 26.2

108 25.2 16.8 25.2#

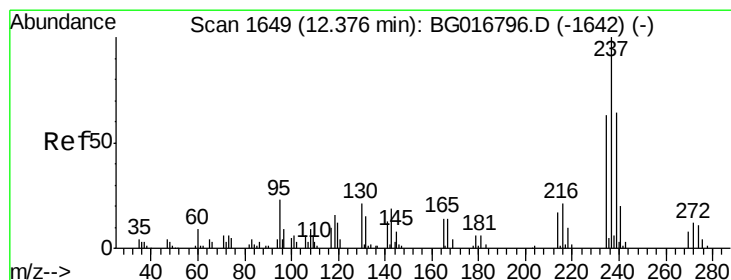
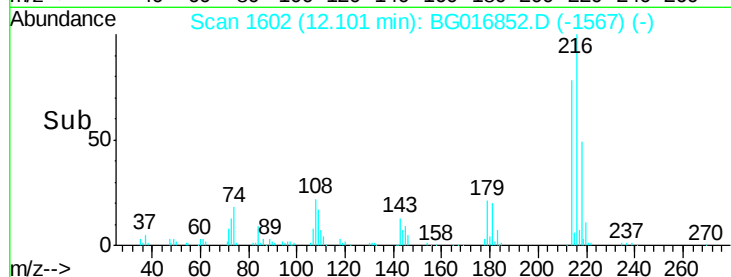
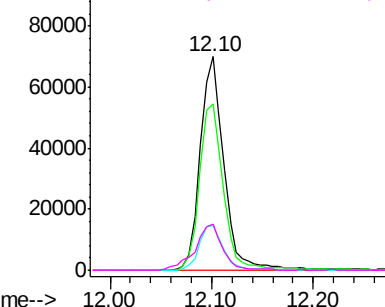


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 91.64 ng

RT: 12.08 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BG016852.D

Acq: 1 May 2015 19:23

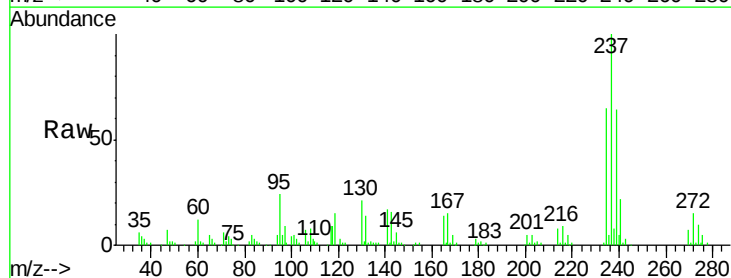
Tgt Ion:237 Resp: 83763

Ion Ratio Lower Upper

237 100

235 65.2 43.4 83.4

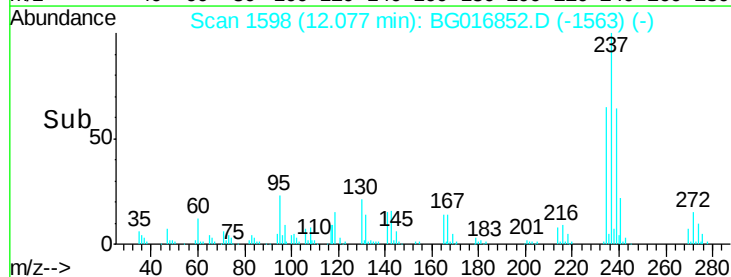
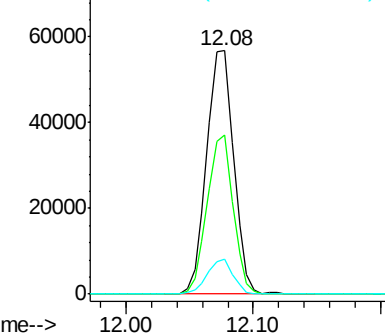
272 14.6 0.0 32.3

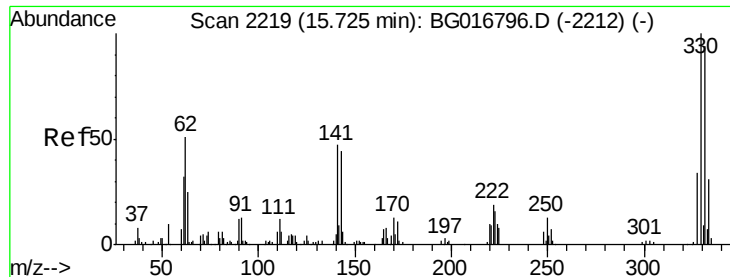


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

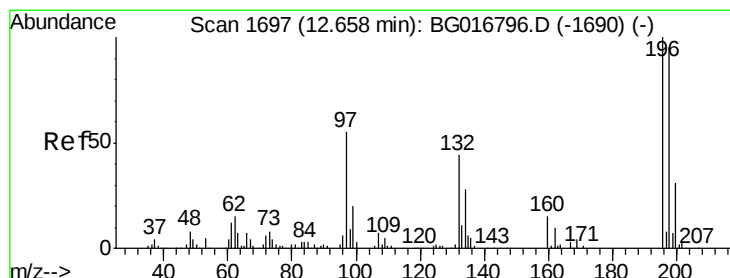
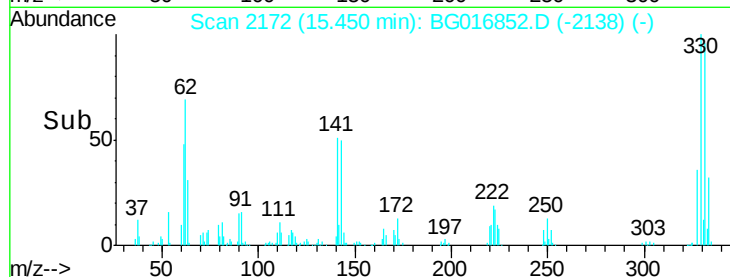
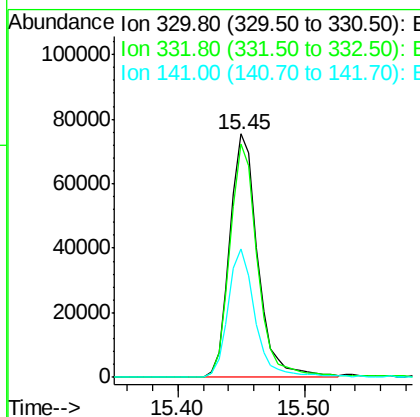
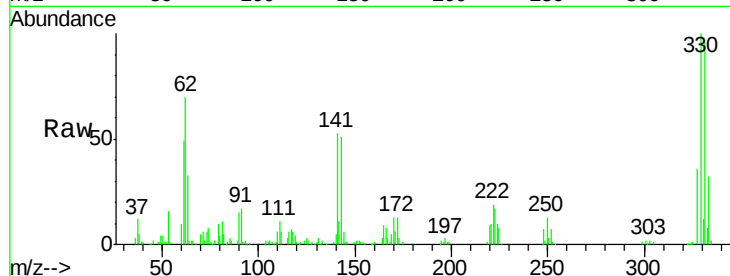




#41
 2,4,6-Tribromophenol
 Concen: 131.74 ng
 RT: 15.45 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: BG016852.D
 Acq: 1 May 2015 19:23

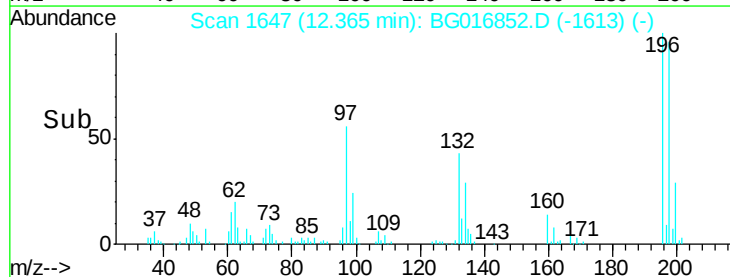
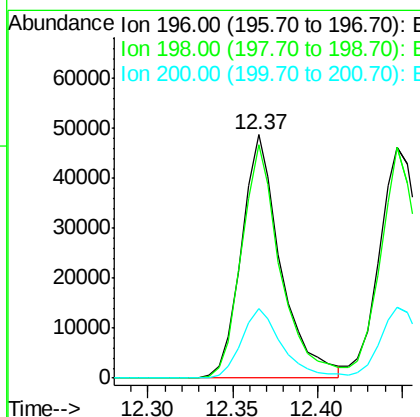
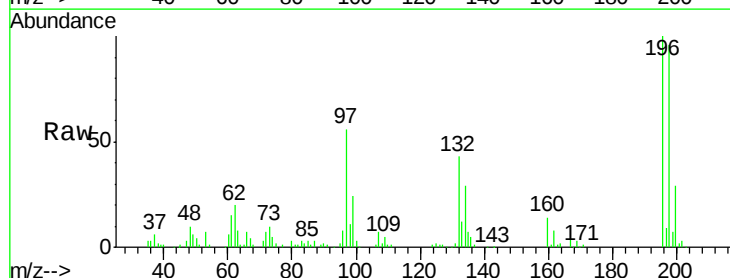
Instrument :
 BNA_G
 ClientSampleID :
 PB83121BS

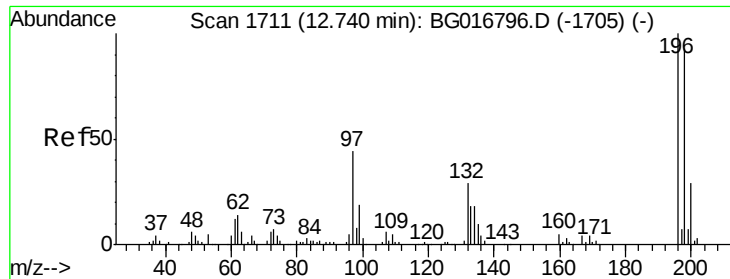
Tot Ion:330 Resp: 115064
 Ion Ratio Lower Upper
 330 100
 332 94.6 75.3 112.9
 141 51.5 40.7 61.1



#42
 2,4,6-Trichlorophenol
 Concen: 39.13 ng
 RT: 12.37 min Scan# 1647
 Delta R.T. -0.00 min
 Lab File: BG016852.D
 Acq: 1 May 2015 19:23

Tgt Ion:196 Resp: 78810
 Ion Ratio Lower Upper
 196 100
 198 95.8 75.8 113.6
 200 28.7 25.0 37.6

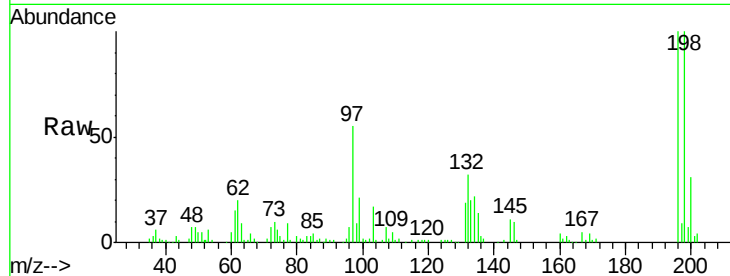




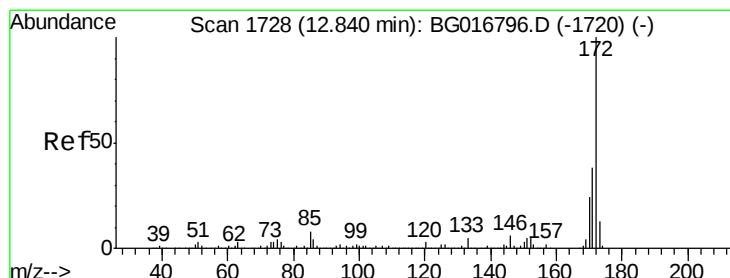
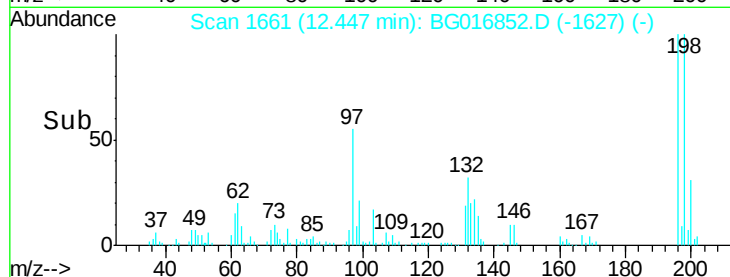
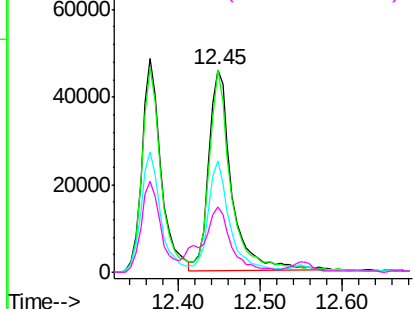
#43
 2,4,5-Trichlorophenol
 Concen: 44.51 ng
 RT: 12.45 min Scan# 1661
 Delta R.T. -0.00 min
 Lab File: BG016852.D
 Acq: 1 May 2015 19:23

Instrument :
 BNA_G
 ClientSampleId :
 PB83121BS

Tot Ion:196 Resp: 90936
 Ion Ratio Lower Upper
 196 100
 198 100.1 74.2 111.2
 97 54.9 35.3 52.9#
 132 32.3 23.4 35.2

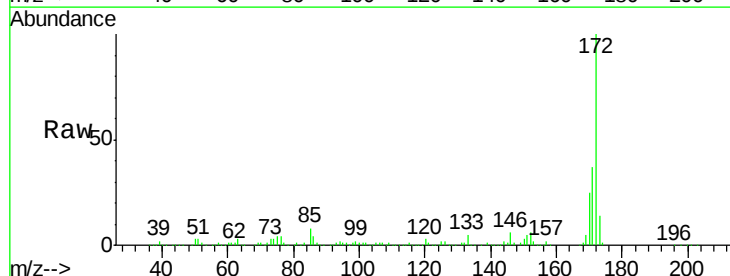


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

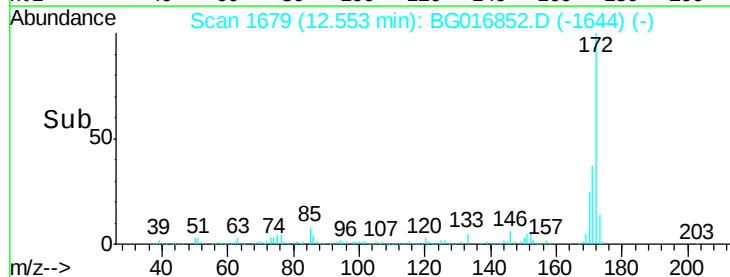
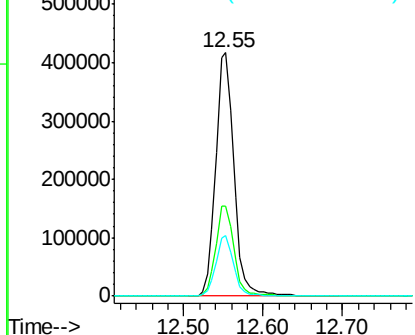


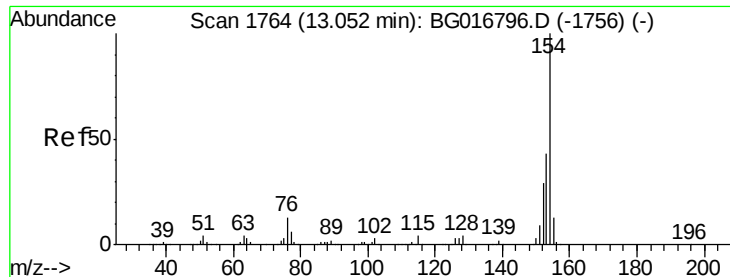
#44
 2-Fluorobiphenyl
 Concen: 88.08 ng
 RT: 12.55 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG016852.D
 Acq: 1 May 2015 19:23

Tgt Ion:172 Resp: 667200
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.2 45.4
 170 24.8 19.4 29.0



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: 44.47 ng

RT: 12.76 min Scan# 1715

Delta R.T. -0.00 min

Lab File: BG016852.D

Acq: 1 May 2015 19:23

Instrument :

BNA_G

ClientSampleId :

PB83121BS

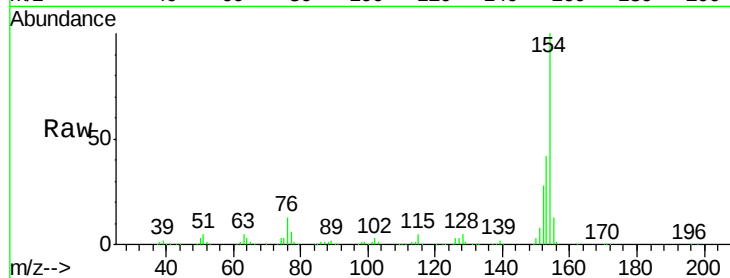
Tot Ion:154 Resp: 383158

Ion Ratio Lower Upper

154 100

153 41.7 22.7 62.7

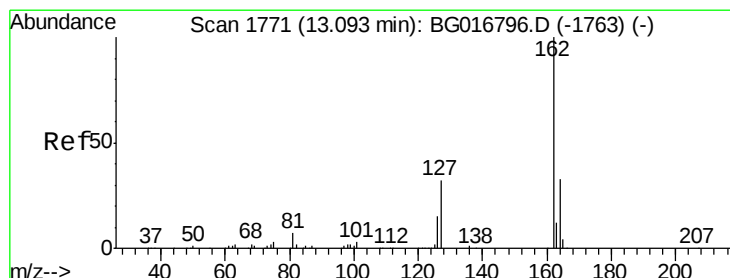
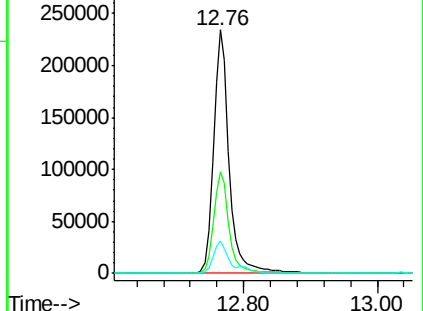
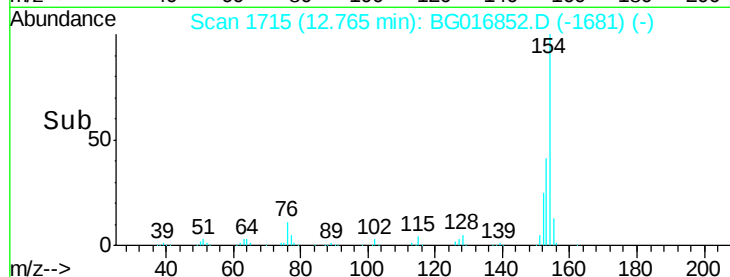
76 13.2 0.0 33.0



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: 42.86 ng

RT: 12.80 min Scan# 1721

Delta R.T. -0.00 min

Lab File: BG016852.D

Acq: 1 May 2015 19:23

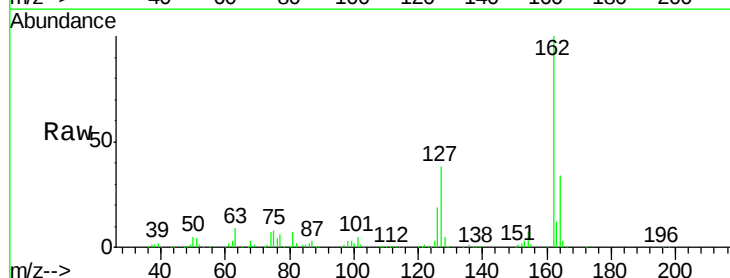
Tgt Ion:162 Resp: 285008

Ion Ratio Lower Upper

162 100

127 37.9 28.2 42.2

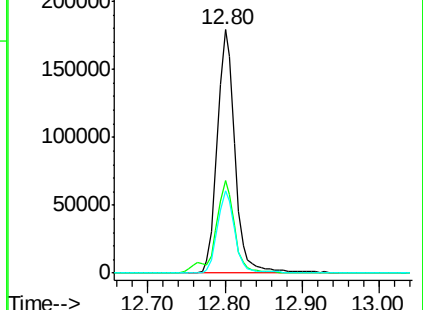
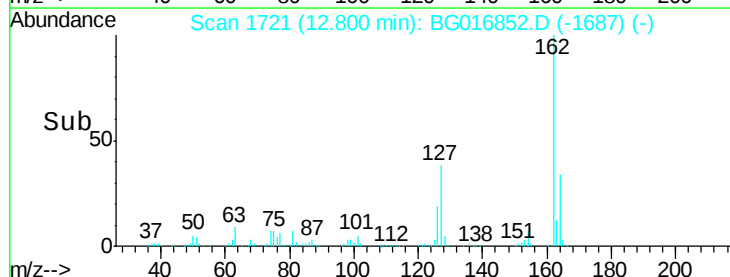
164 33.6 26.1 39.1

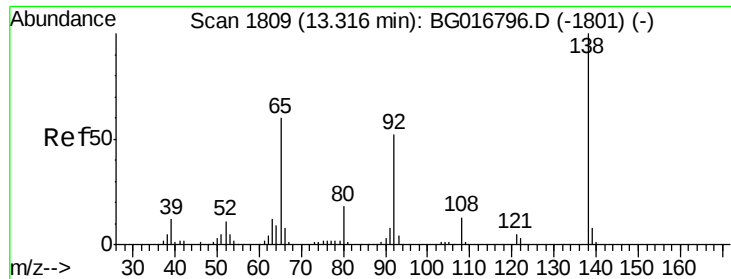


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

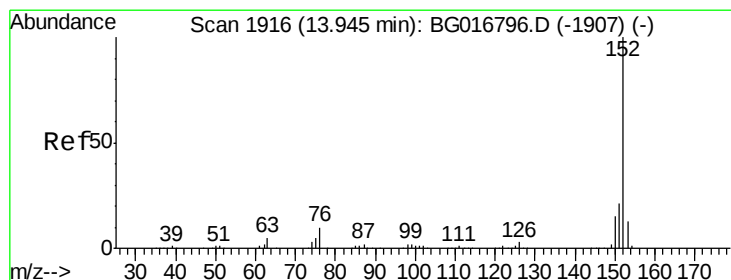
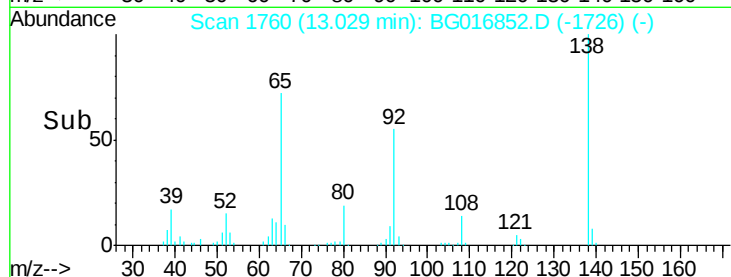
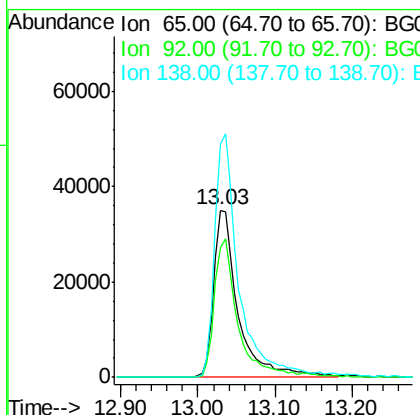
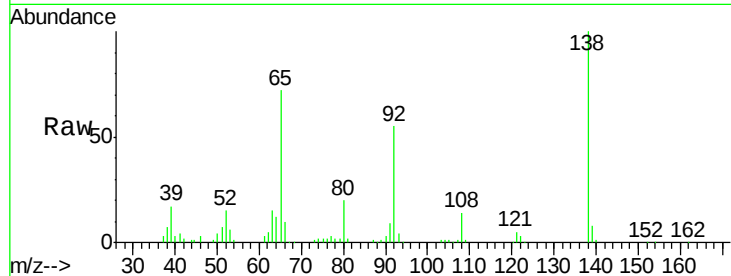




#47
2-Nitroaniline
Concen: 46.12 ng
RT: 13.03 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BG016852.D
Acq: 1 May 2015 19:23

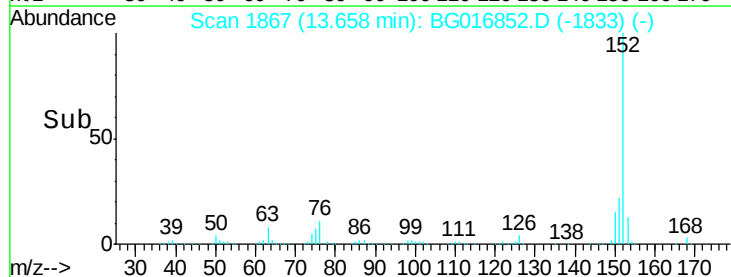
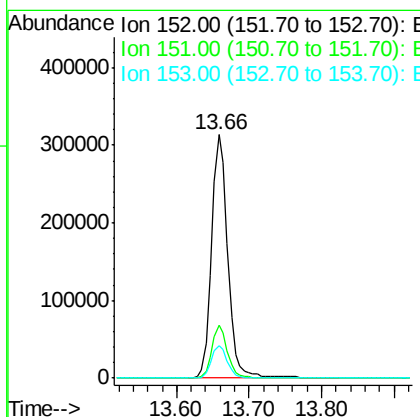
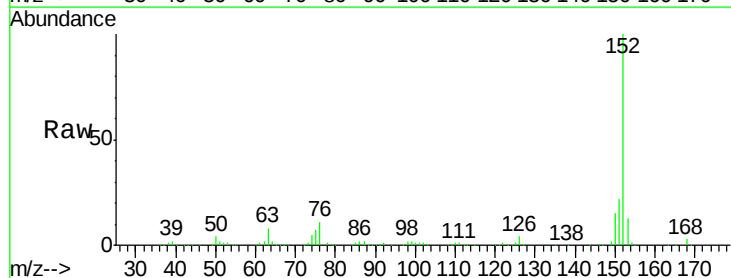
Instrument :
BNA_G
ClientSampleId :
PB83121BS

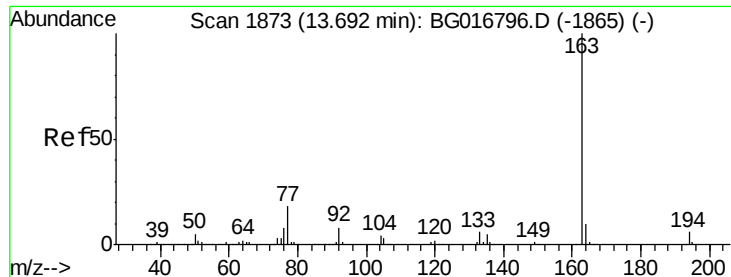
Tot Ion: 65 Resp: 76581
Ion Ratio Lower Upper
65 100
92 77.5 69.0 103.6
138 139.8 132.4 198.6



#48
Acenaphthylene
Concen: 41.24 ng
RT: 13.66 min Scan# 1867
Delta R.T. -0.00 min
Lab File: BG016852.D
Acq: 1 May 2015 19:23

Tgt Ion: 152 Resp: 487573
Ion Ratio Lower Upper
152 100
151 21.6 17.0 25.6
153 13.5 10.8 16.2





#49

Dimethylphthalate

Concen: 39.41 ng

RT: 13.42 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BG016852.D

Acq: 1 May 2015 19:23

Instrument :

BNA_G

ClientSampleId :

PB83121BS

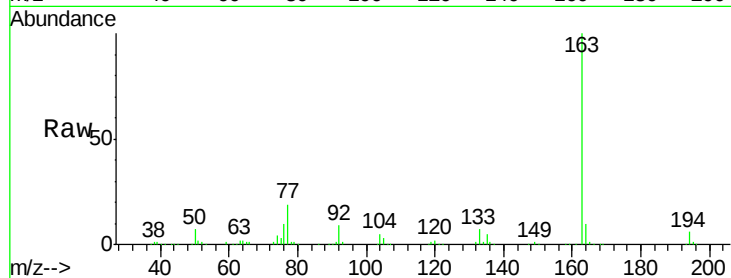
Tot Ion:163 Resp: 331258

Ion Ratio Lower Upper

163 100

194 6.2 4.7 7.1

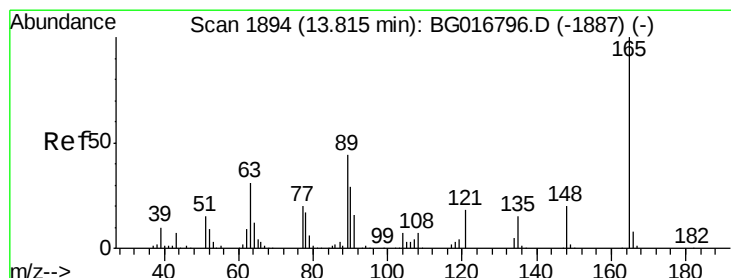
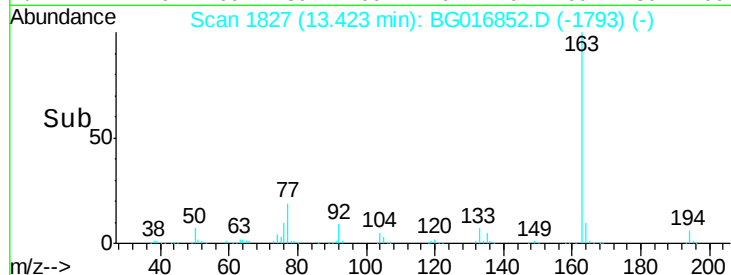
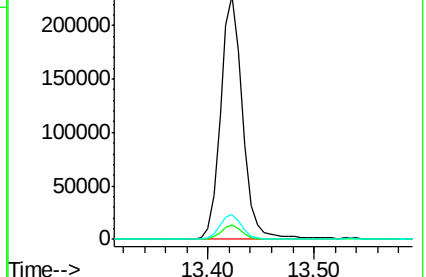
164 10.1 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 38.40 ng

RT: 13.55 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BG016852.D

Acq: 1 May 2015 19:23

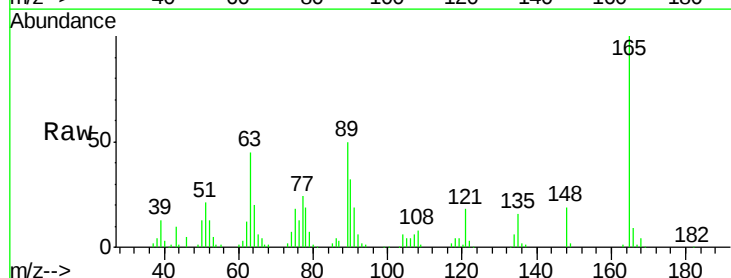
Tgt Ion:165 Resp: 79044

Ion Ratio Lower Upper

165 100

63 45.0 28.4 42.6#

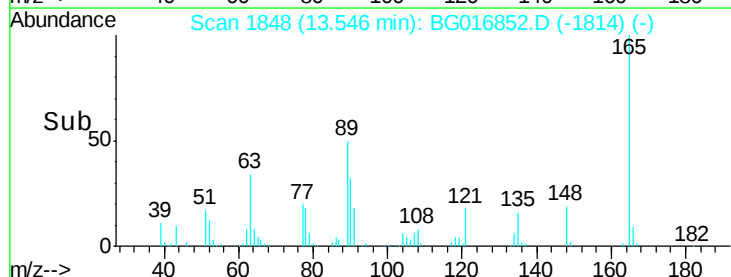
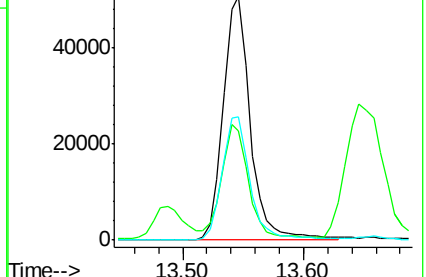
89 50.4 35.0 52.4

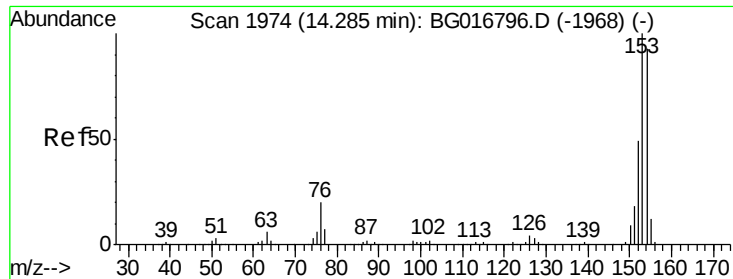


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 40.30 ng

RT: 14.01 min Scan# 1927

Delta R.T. 0.00 min

Lab File: BG016852.D

Acq: 1 May 2015 19:23

Instrument :

BNA_G

ClientSampleId :

PB83121BS

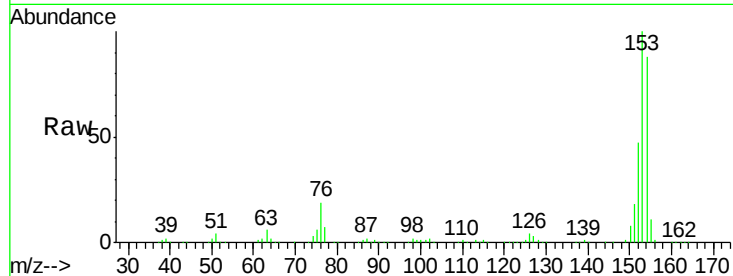
Tot Ion:154 Resp: 283469

Ion Ratio Lower Upper

154 100

153 113.1 86.4 129.6

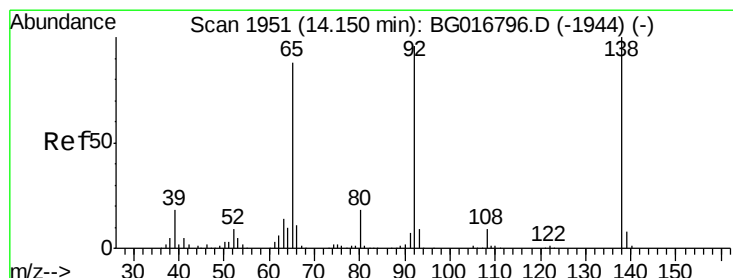
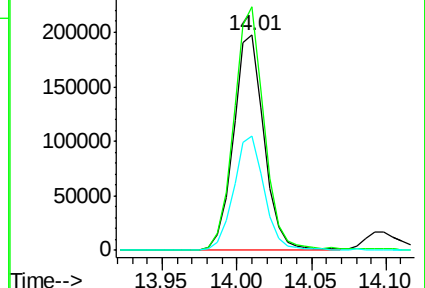
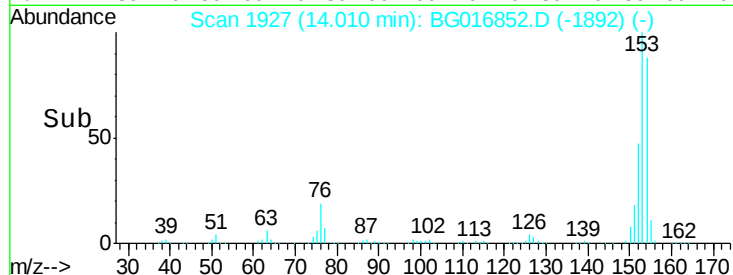
152 53.2 41.9 62.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.85 ng

RT: 13.88 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BG016852.D

Acq: 1 May 2015 19:23

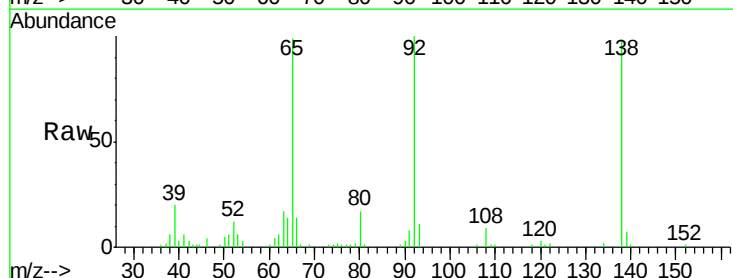
Tgt Ion:138 Resp: 60138

Ion Ratio Lower Upper

138 100

108 8.7 7.2 10.8

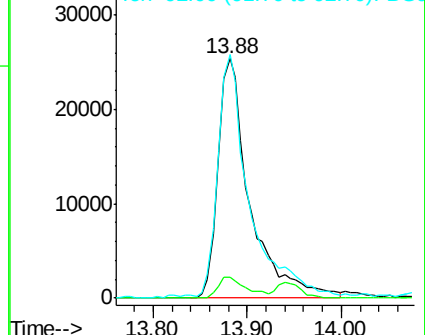
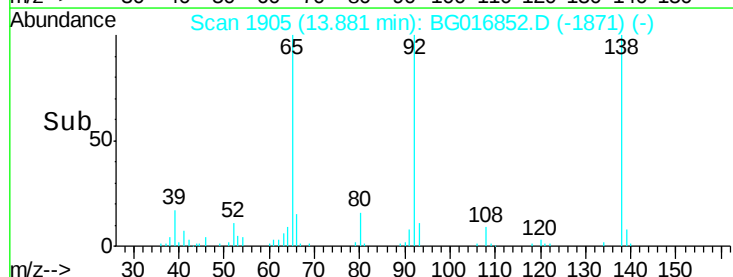
92 101.8 77.0 115.4

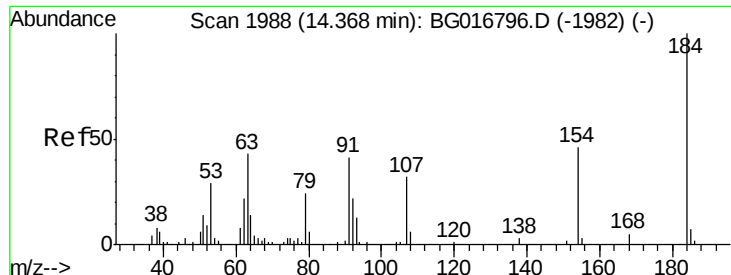


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

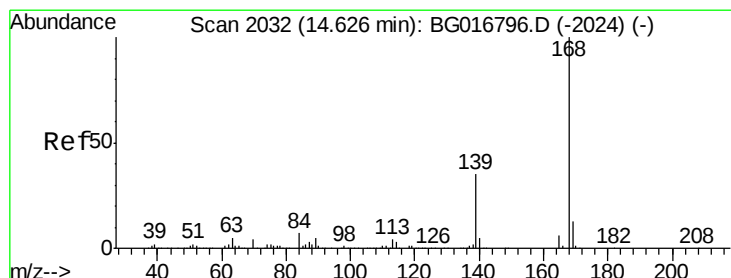
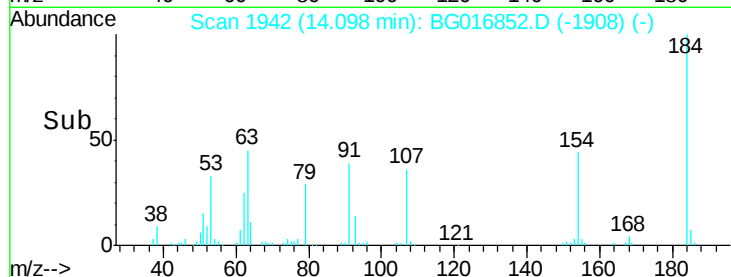
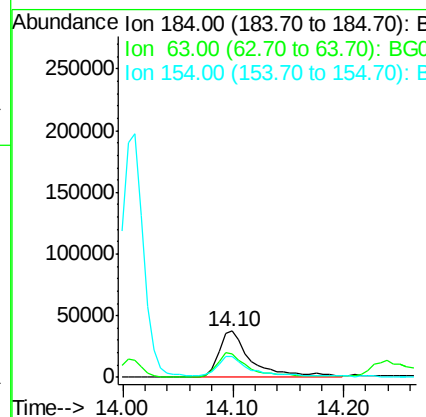
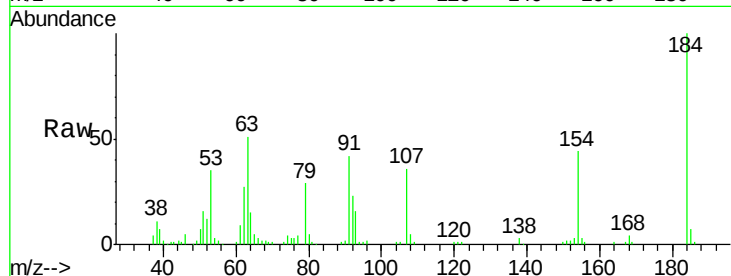




#53
 2,4-Dinitrophenol
 Concen: 75.38 ng
 RT: 14.10 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: BG016852.D
 Acq: 1 May 2015 19:23

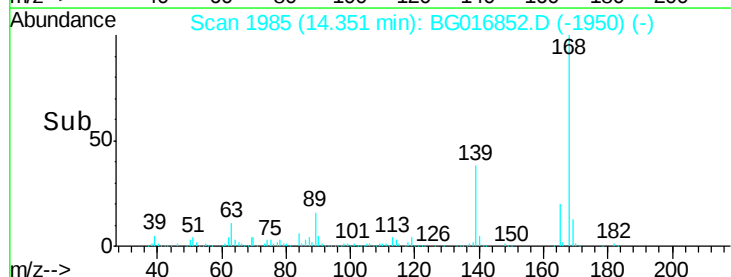
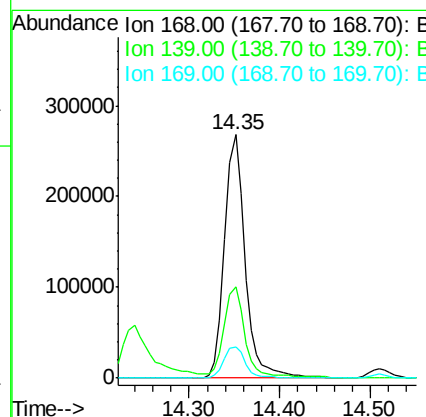
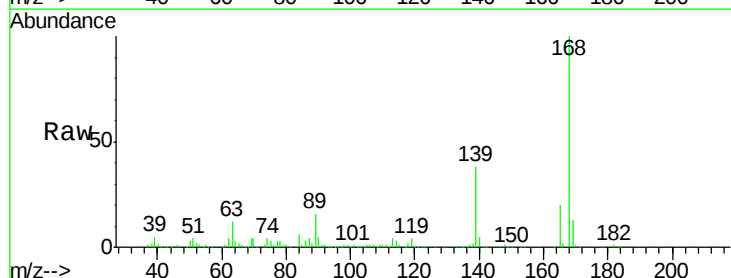
Instrument :
 BNA_G
 ClientSampleId :
 PB83121BS

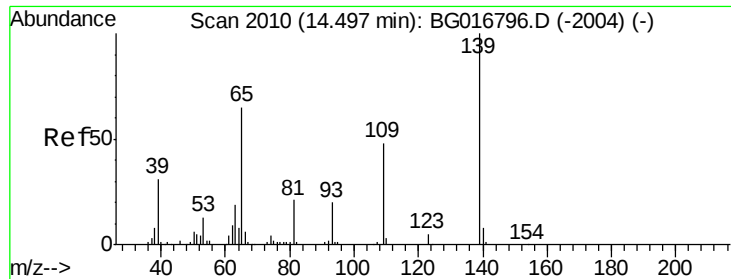
Tot Ion:184 Resp: 77784
 Ion Ratio Lower Upper
 184 100
 63 50.6 34.6 51.8
 154 44.1 36.7 55.1



#54
 Dibenzofuran
 Concen: 42.27 ng
 RT: 14.35 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: BG016852.D
 Acq: 1 May 2015 19:23

Tgt Ion:168 Resp: 423471
 Ion Ratio Lower Upper
 168 100
 139 37.6 28.1 42.1
 169 13.0 10.7 16.1

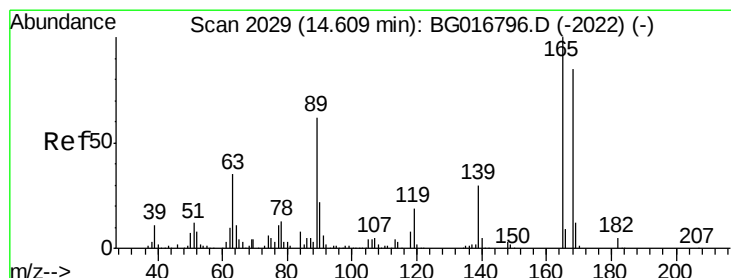
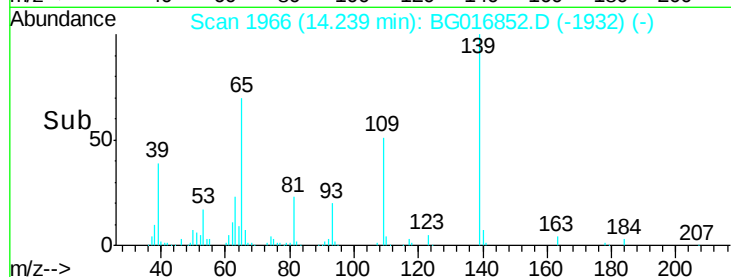
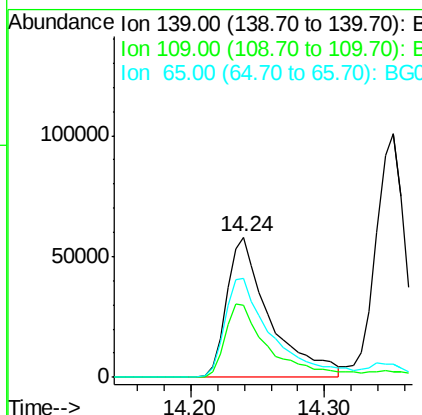
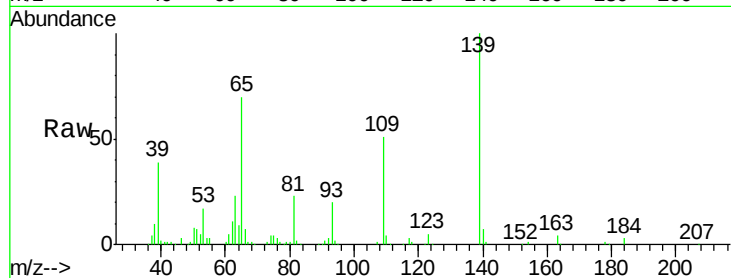




#55
4-Nitrophenol
Concen: 78.28 ng
RT: 14.24 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG016852.D
Acq: 1 May 2015 19:23

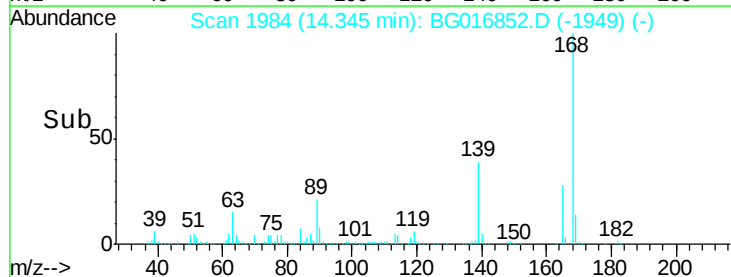
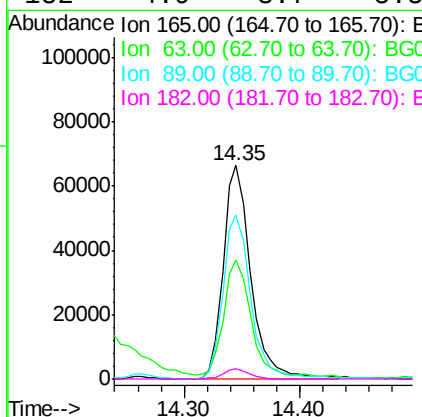
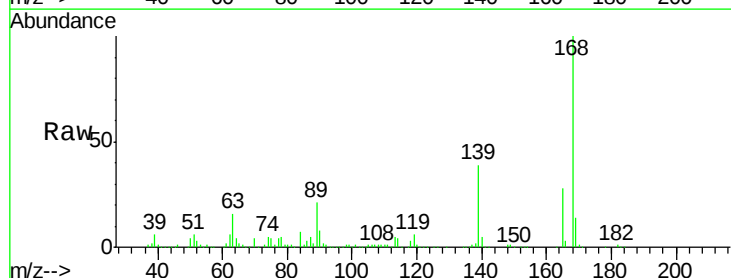
Instrument :
BNA_G
ClientSampleId :
PB83121BS

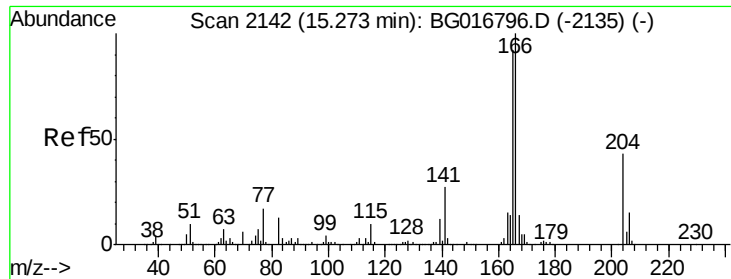
Tot Ion:139 Resp: 129743
Ion Ratio Lower Upper
139 100
109 51.2 27.8 67.8
65 70.2 45.4 85.4



#56
2,4-Dinitrotoluene
Concen: 39.20 ng
RT: 14.35 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BG016852.D
Acq: 1 May 2015 19:23

Tgt Ion:165 Resp: 109882
Ion Ratio Lower Upper
165 100
63 56.0 28.2 42.4#
89 76.4 49.4 74.0#
182 4.9 3.7 5.5





#57

Fluorene

Concen: 41.24 ng

RT: 15.00 min Scan# 2096

Delta R.T. -0.00 min

Lab File: BG016852.D

Acq: 1 May 2015 19:23

Instrument :

BNA_G

ClientSampleId :

PB83121BS

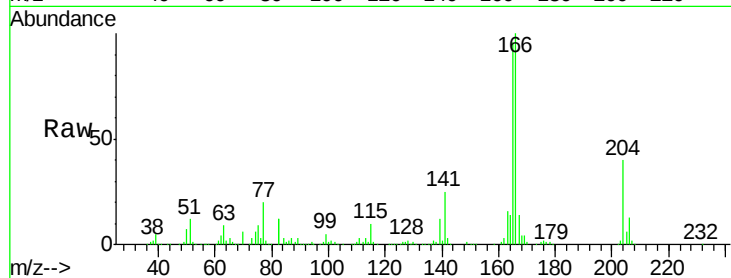
Tot Ion:166 Resp: 363011

Ion Ratio Lower Upper

166 100

165 95.6 73.5 110.3

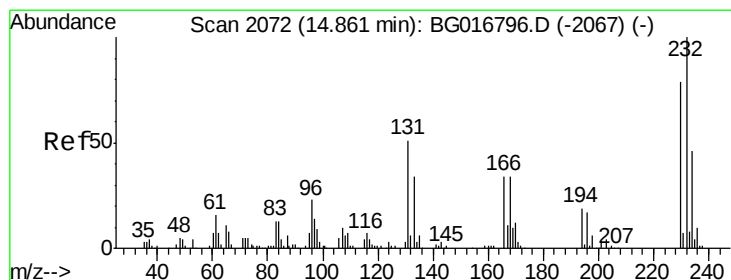
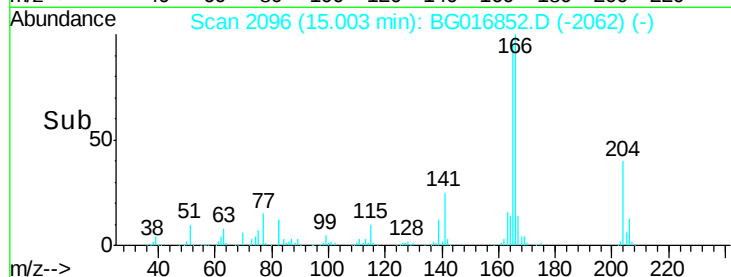
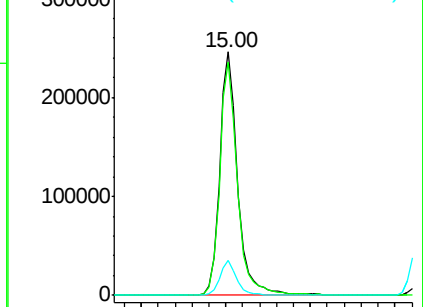
167 14.3 10.8 16.2



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: 43.08 ng

RT: 14.59 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BG016852.D

Acq: 1 May 2015 19:23

Tgt Ion:232 Resp: 66868

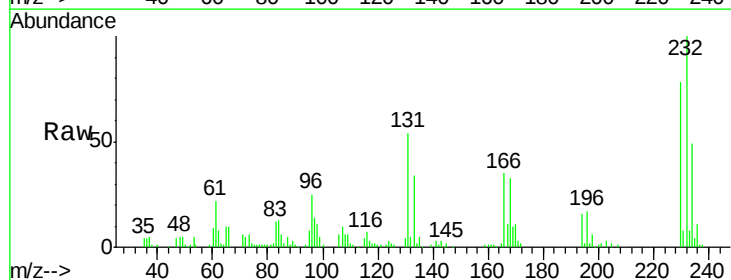
Ion Ratio Lower Upper

232 100

131 52.4 39.9 59.9

130 3.1 2.3 3.5

166 31.7 27.8 41.8

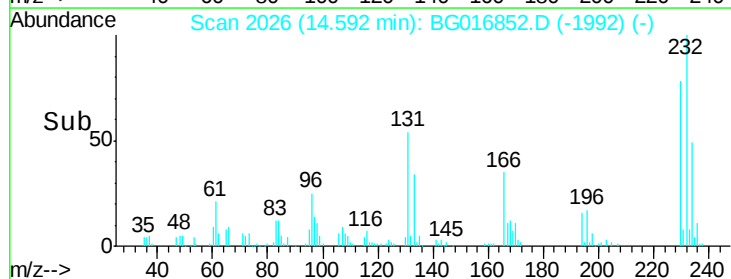
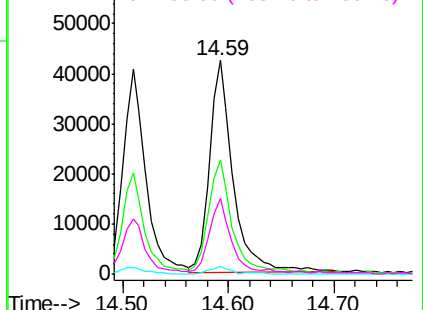


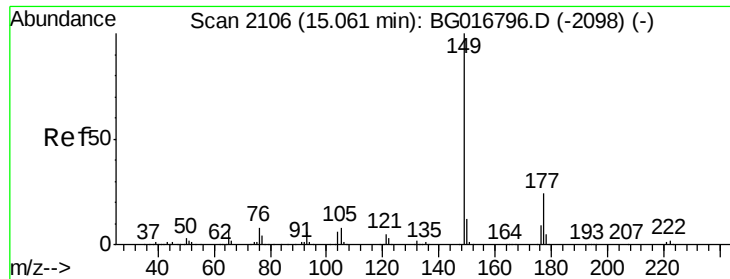
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

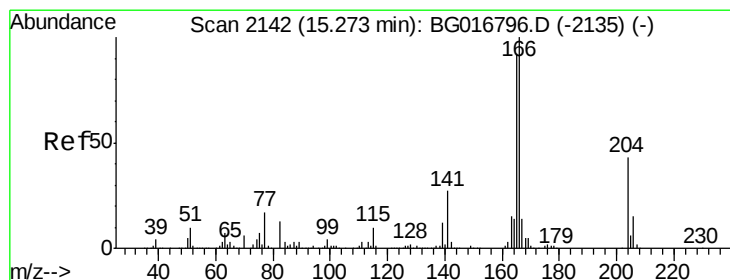
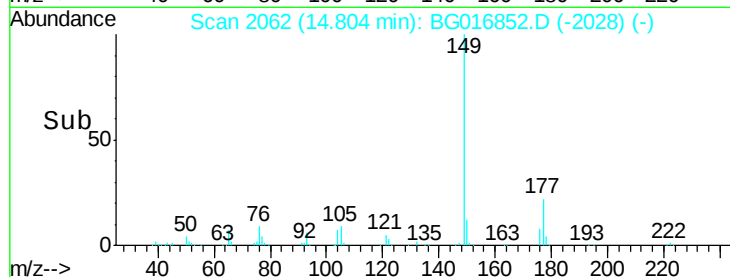
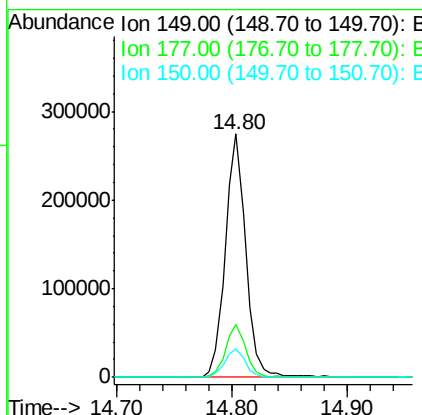
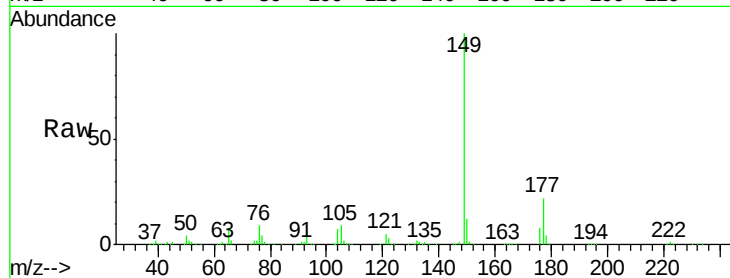




#59
Diethylphthalate
Concen: 38.81 ng
RT: 14.80 min Scan# 2062
Delta R.T. -0.00 min
Lab File: BG016852.D
Acq: 1 May 2015 19:23

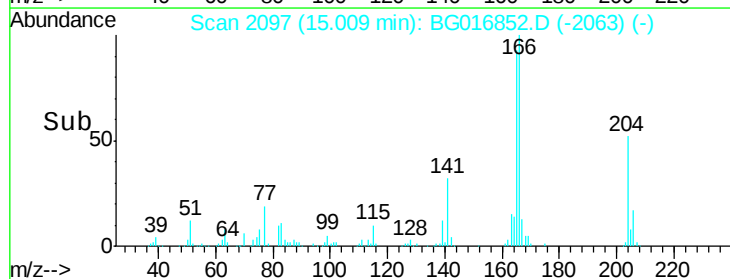
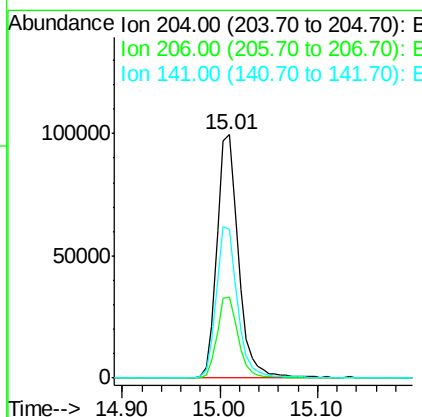
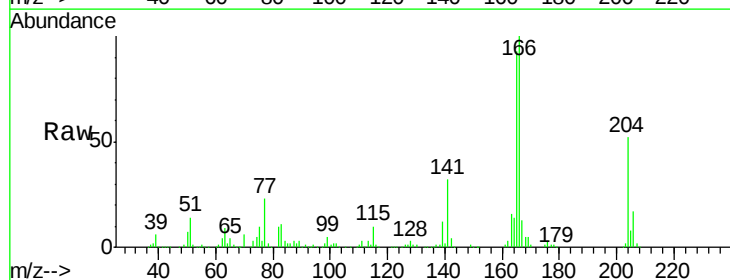
Instrument :
BNA_G
ClientSampleId :
PB83121BS

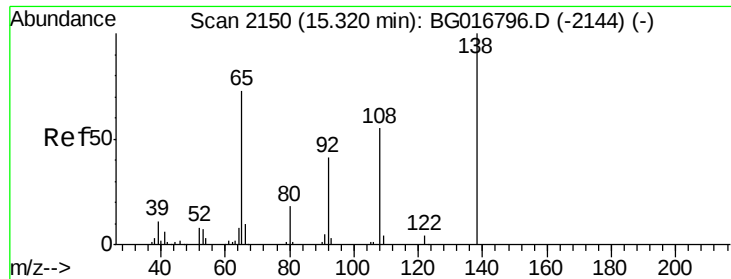
Tot Ion:149 Resp: 337323
Ion Ratio Lower Upper
149 100
177 21.6 19.0 28.4
150 11.8 9.7 14.5



#60
4-Chlorophenyl-phenylether
Concen: 41.28 ng
RT: 15.01 min Scan# 2097
Delta R.T. -0.00 min
Lab File: BG016852.D
Acq: 1 May 2015 19:23

Tgt Ion:204 Resp: 153410
Ion Ratio Lower Upper
204 100
206 33.5 27.0 40.4
141 61.1 50.4 75.6

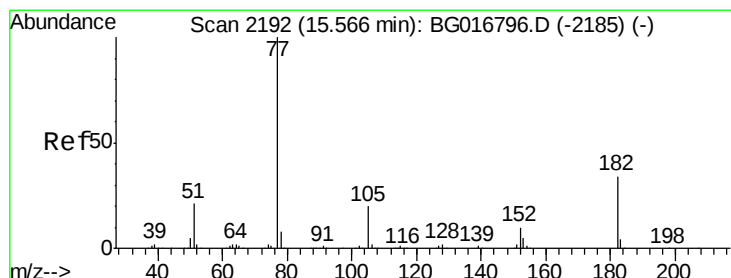
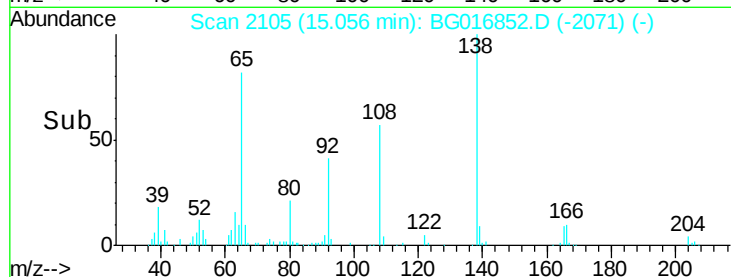
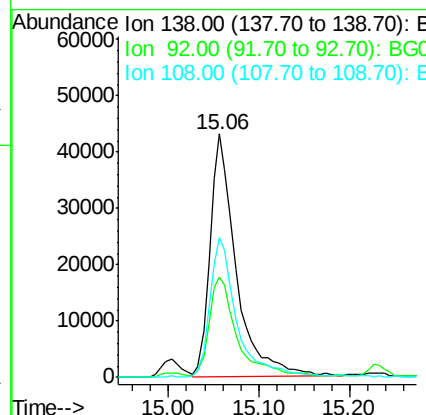
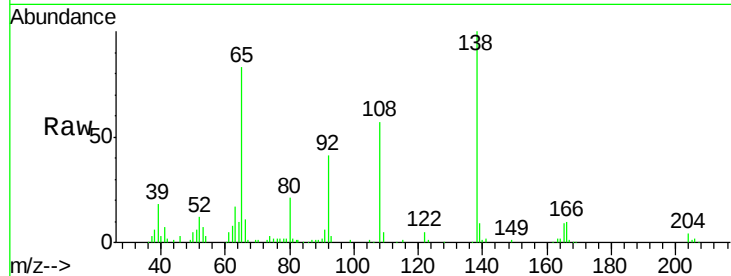




#61
4-Nitroaniline
Concen: 36.65 ng
RT: 15.06 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BG016852.D
Acq: 1 May 2015 19:23

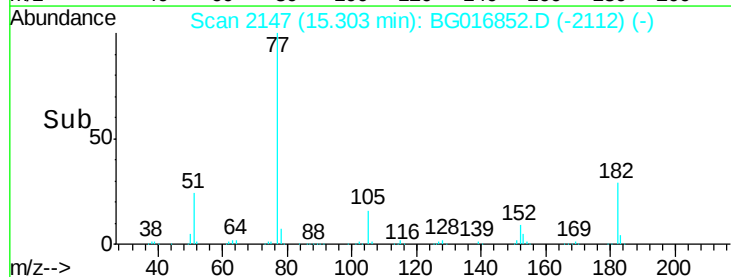
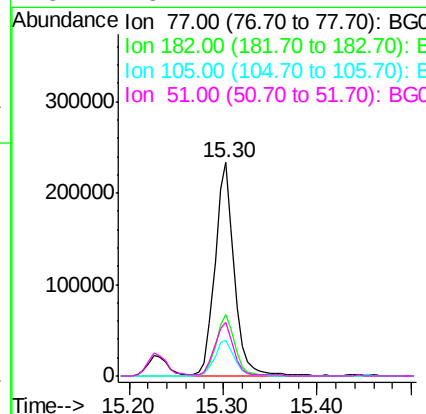
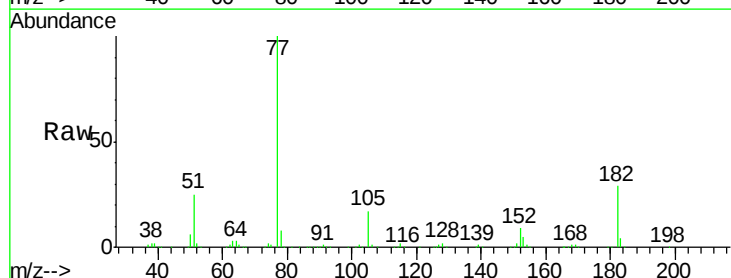
Instrument :
BNA_G
ClientSampleId :
PB83121BS

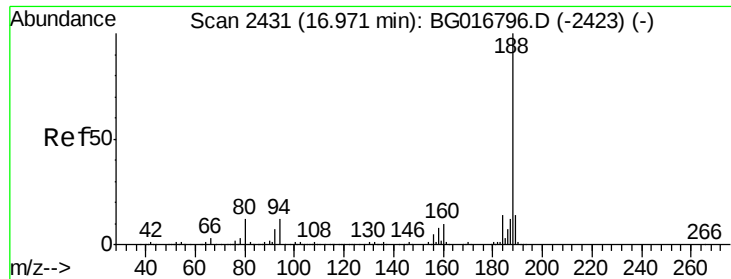
Tot Ion:138 Resp: 86069
Ion Ratio Lower Upper
138 100
92 41.3 20.4 60.4
108 57.4 33.8 73.8



#62
Azobenzene
Concen: 46.41 ng
RT: 15.30 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG016852.D
Acq: 1 May 2015 19:23

Tgt Ion: 77 Resp: 333738
Ion Ratio Lower Upper
77 100
182 28.8 13.6 53.6
105 17.1 0.0 39.9
51 25.2 1.1 41.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.70 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BG016852.D

Acq: 1 May 2015 19:23

Instrument :

BNA_G

ClientSampleId :

PB83121BS

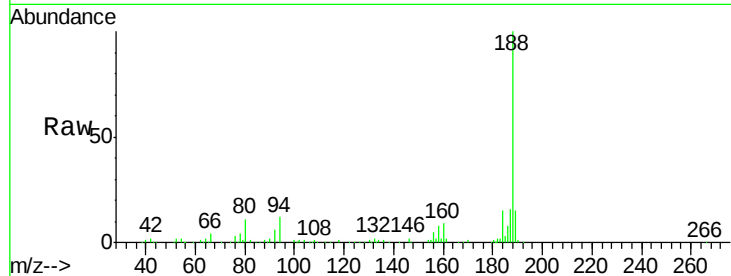
Tot Ion:188 Resp: 156039

Ion Ratio Lower Upper

188 100

94 11.9 9.5 14.3

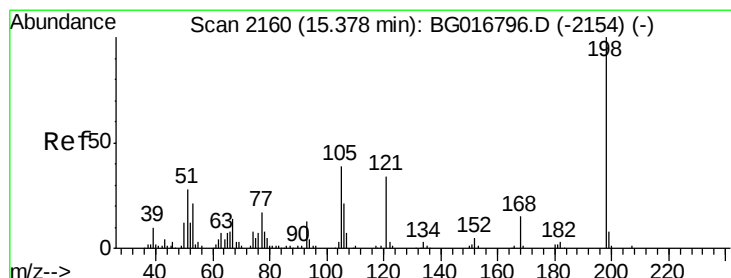
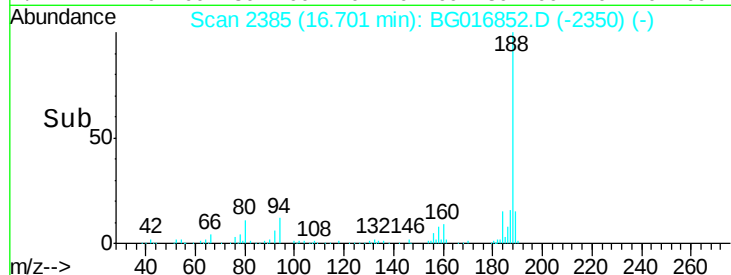
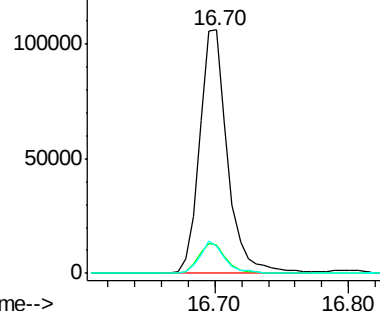
80 11.1 9.2 13.8



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: 52.57 ng

RT: 15.11 min Scan# 2115

Delta R.T. -0.00 min

Lab File: BG016852.D

Acq: 1 May 2015 19:23

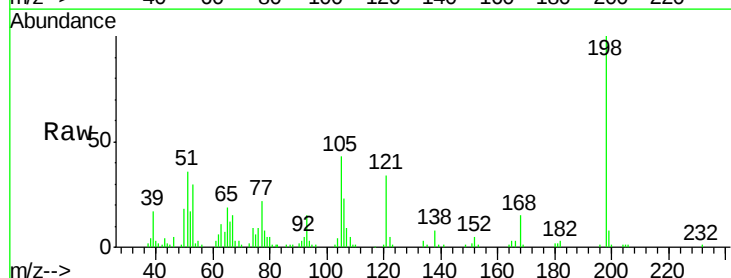
Tgt Ion:198 Resp: 53002

Ion Ratio Lower Upper

198 100

51 36.4 9.6 49.6

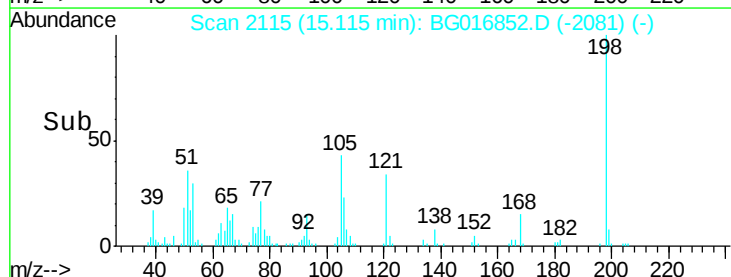
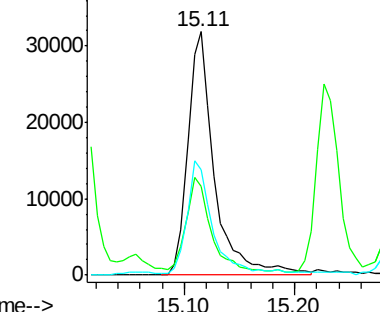
105 43.4 19.3 59.3

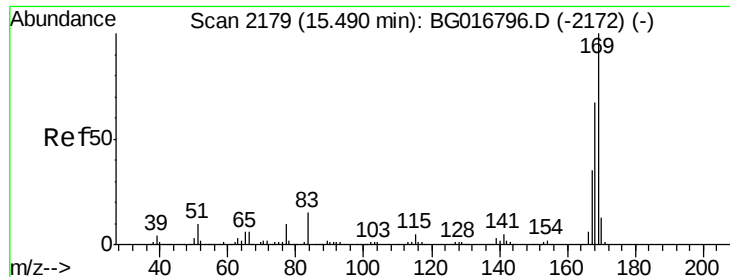


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

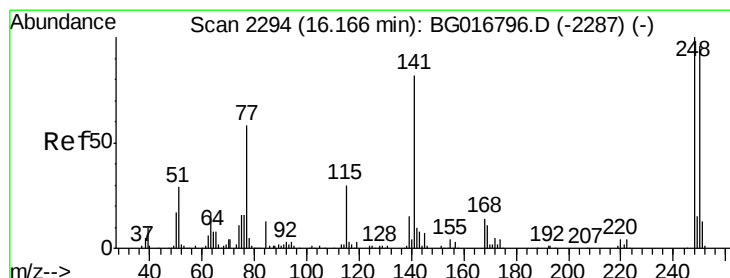
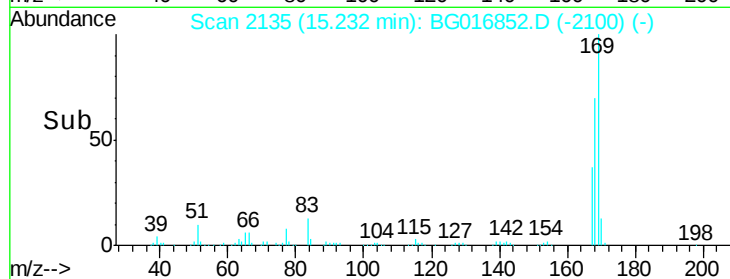
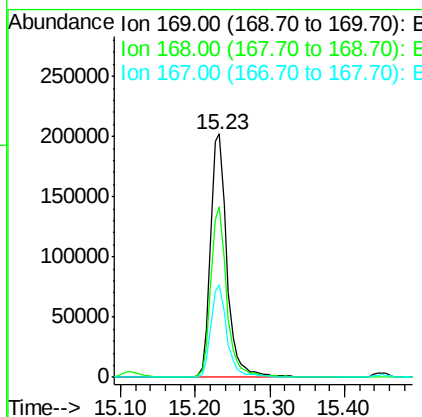
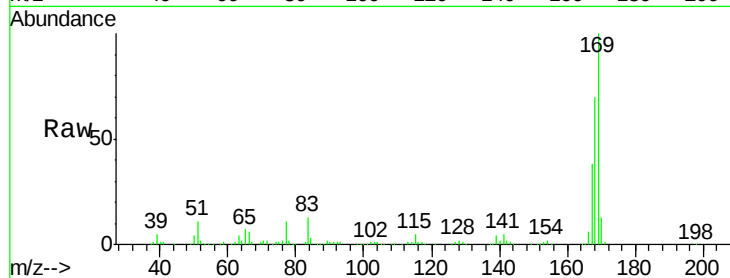




#65
n-Nitrosodiphenylamine
Concen: 60.47 ng
RT: 15.23 min Scan# 2135
Delta R.T. 0.00 min
Lab File: BG016852.D
Acq: 1 May 2015 19:23

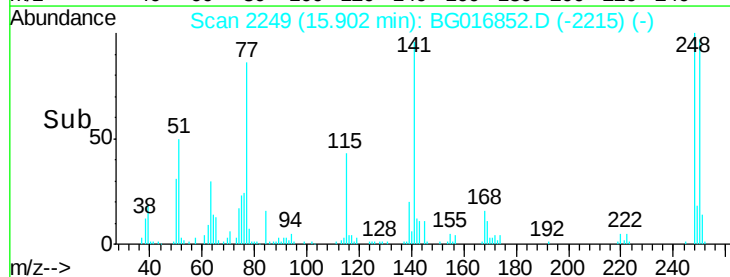
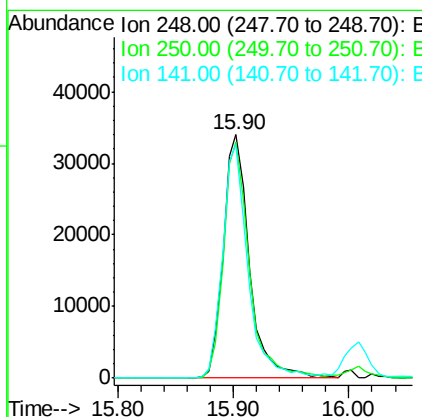
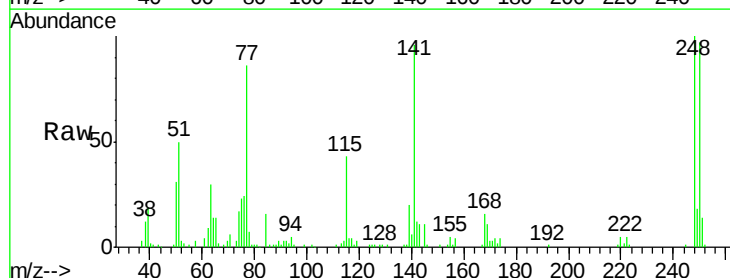
Instrument :
BNA_G
ClientSampleId :
PB83121BS

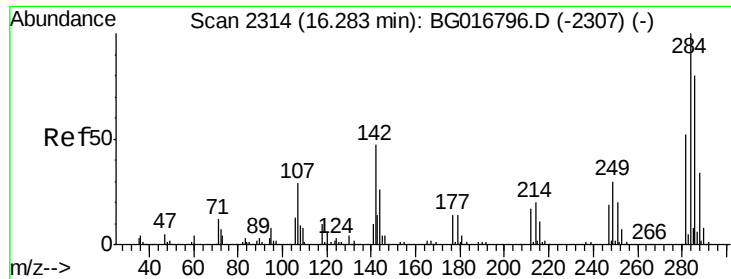
Tot Ion:169 Resp: 305974
Ion Ratio Lower Upper
169 100
168 70.3 53.4 80.0
167 38.1 28.0 42.0



#66
4-Bromophenyl-phenylether
Concen: 42.53 ng
RT: 15.90 min Scan# 2249
Delta R.T. -0.00 min
Lab File: BG016852.D
Acq: 1 May 2015 19:23

Tgt Ion:248 Resp: 53303
Ion Ratio Lower Upper
248 100
250 96.8 76.8 115.2
141 95.7 65.2 97.8





#67

Hexachlorobenzene

Concen: 43.30 ng

RT: 16.01 min Scan# 2267

Delta R.T. -0.00 min

Lab File: BG016852.D

Acq: 1 May 2015 19:23

Instrument :

BNA_G

ClientSampleId :

PB83121BS

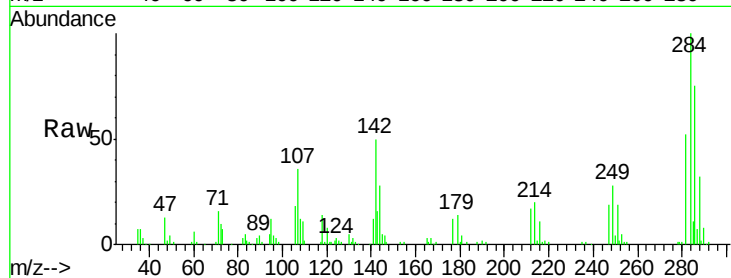
Tot Ion:284 Resp: 56773

Ion Ratio Lower Upper

284 100

142 50.3 37.3 55.9

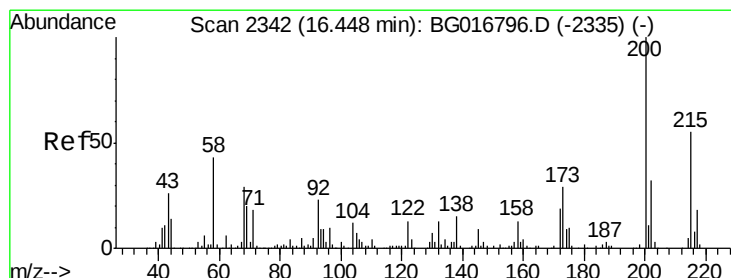
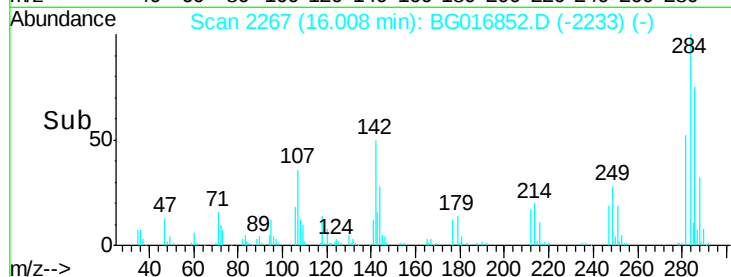
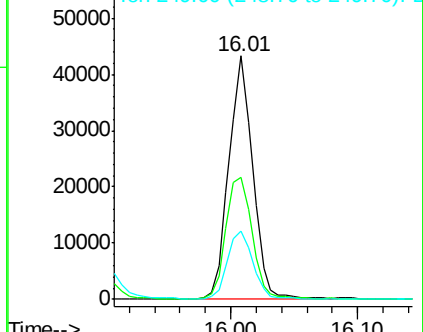
249 28.0 24.4 36.6



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: 41.97 ng

RT: 16.20 min Scan# 2299

Delta R.T. -0.00 min

Lab File: BG016852.D

Acq: 1 May 2015 19:23

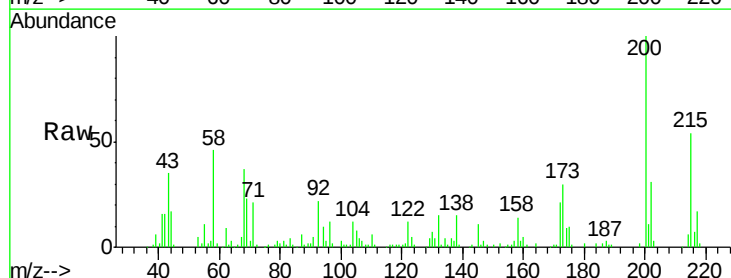
Tgt Ion:200 Resp: 61807

Ion Ratio Lower Upper

200 100

173 29.7 8.5 48.5

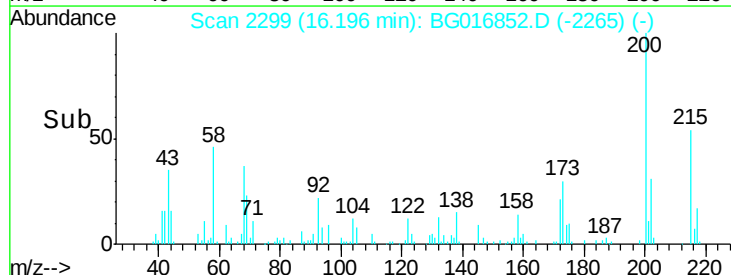
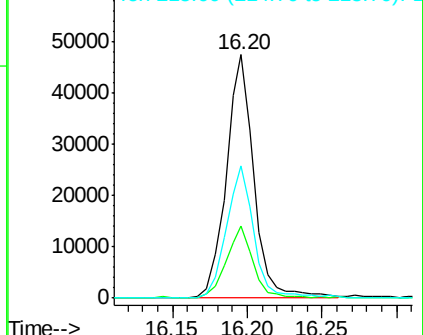
215 54.4 35.4 75.4

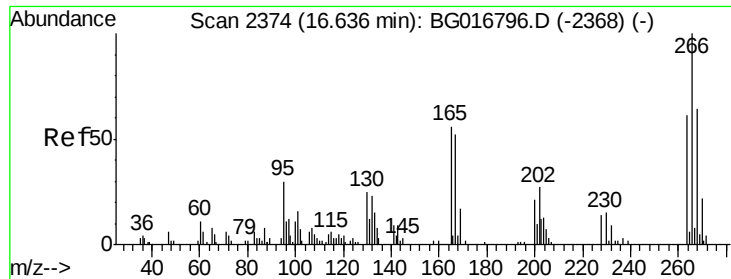


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

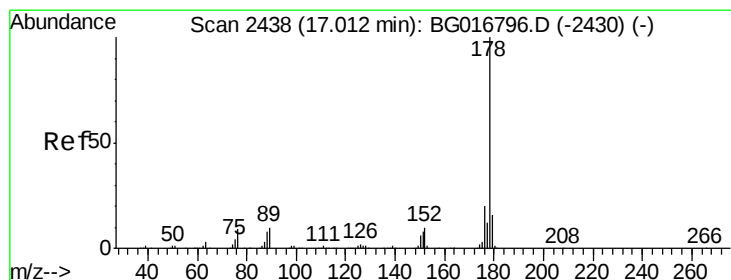
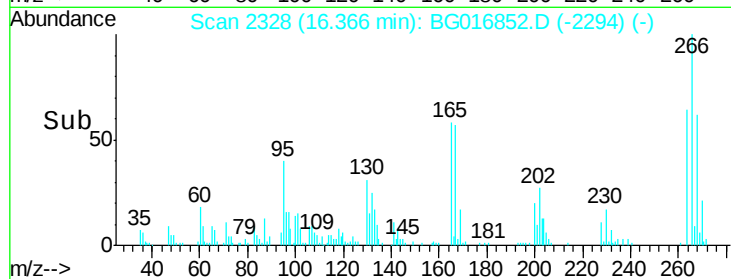
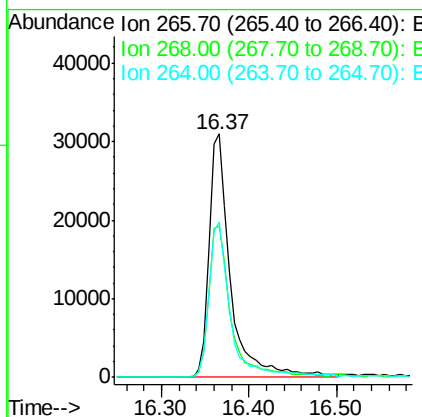
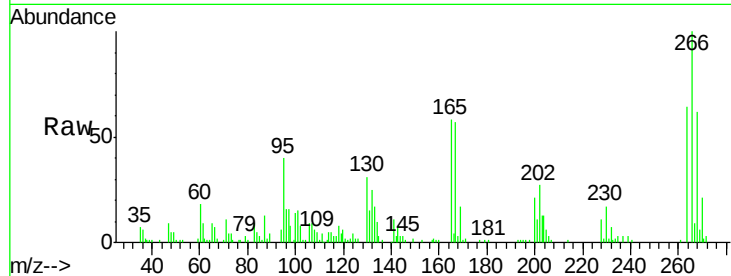




#69
 Pentachlorophenol
 Concen: 84.08 ng
 RT: 16.37 min Scan# 2328
 Delta R.T. -0.00 min
 Lab File: BG016852.D
 Acq: 1 May 2015 19:23

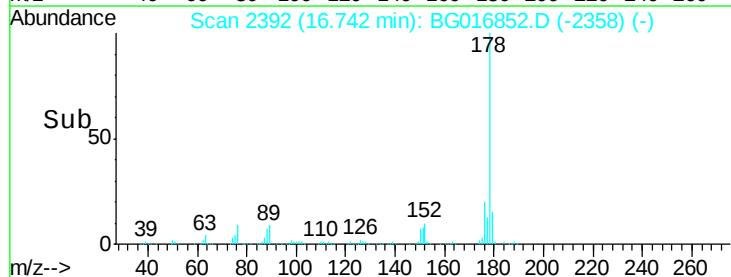
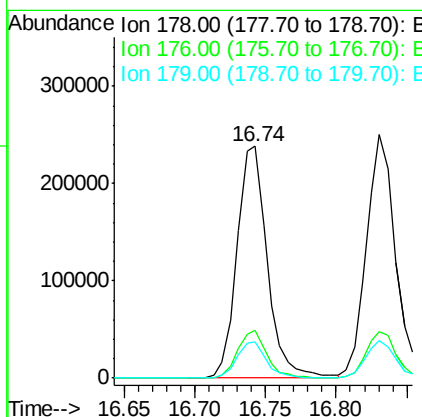
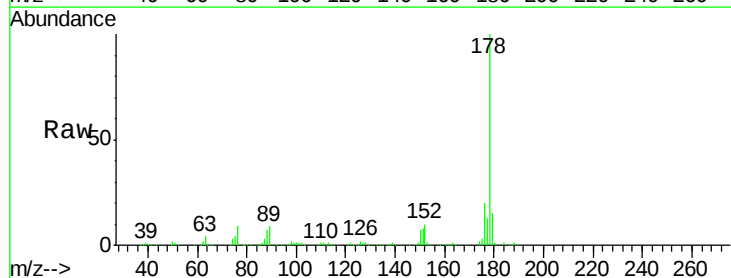
Instrument :
 BNA_G
 ClientSampleId :
 PB83121BS

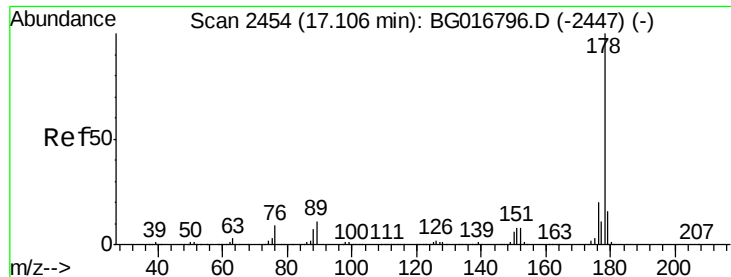
Tot Ion:266 Resp: 52951
 Ion Ratio Lower Upper
 266 100
 268 62.2 50.9 76.3
 264 63.9 49.1 73.7



#70
 Phenanthrene
 Concen: 42.34 ng
 RT: 16.74 min Scan# 2392
 Delta R.T. -0.00 min
 Lab File: BG016852.D
 Acq: 1 May 2015 19:23

Tgt Ion:178 Resp: 357320
 Ion Ratio Lower Upper
 178 100
 176 20.5 15.9 23.9
 179 15.4 12.7 19.1

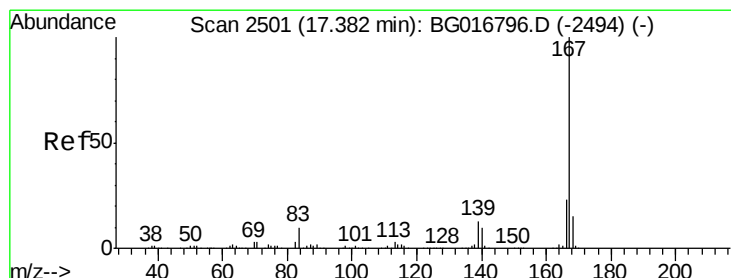
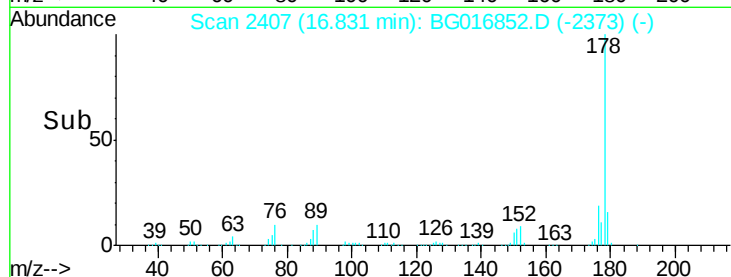
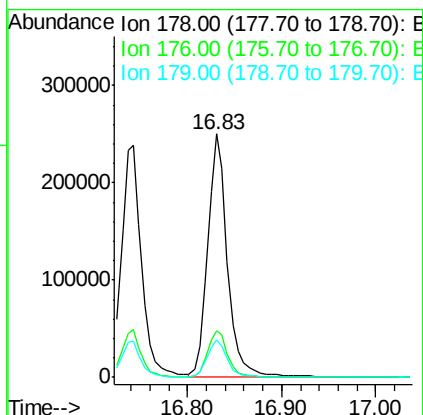
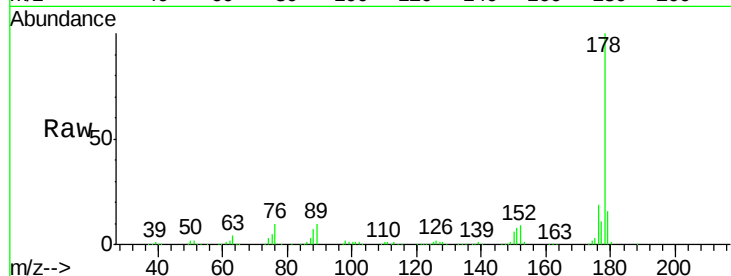




#71
 Anthracene
 Concen: 43.70 ng
 RT: 16.83 min Scan# 2407
 Delta R.T. -0.00 min
 Lab File: BG016852.D
 Acq: 1 May 2015 19:23

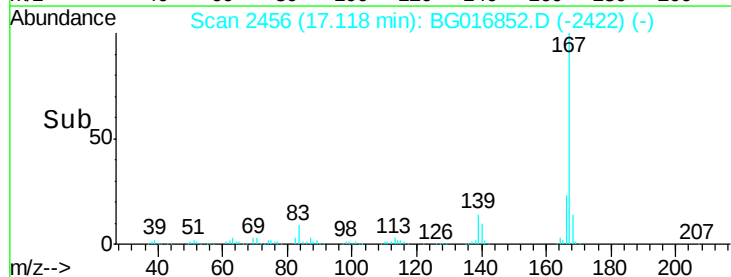
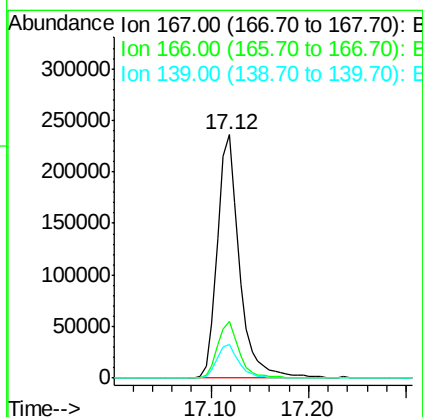
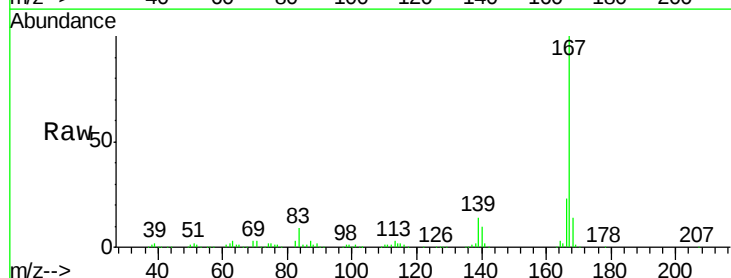
Instrument :
 BNA_G
 ClientSampleId :
 PB83121BS

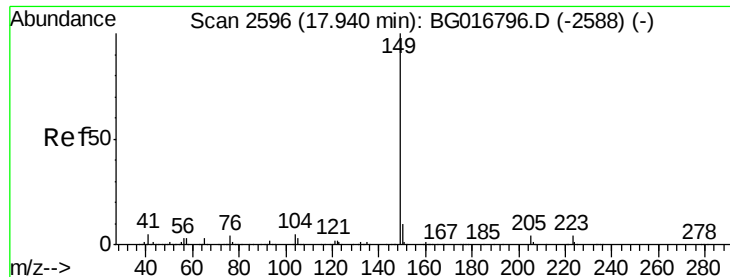
Tot Ion:178 Resp: 368842
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.0 24.0
 179 15.6 12.6 18.8



#72
 Carbazole
 Concen: 45.17 ng
 RT: 17.12 min Scan# 2456
 Delta R.T. -0.00 min
 Lab File: BG016852.D
 Acq: 1 May 2015 19:23

Tgt Ion:167 Resp: 372923
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.2 27.4
 139 14.0 10.6 15.8

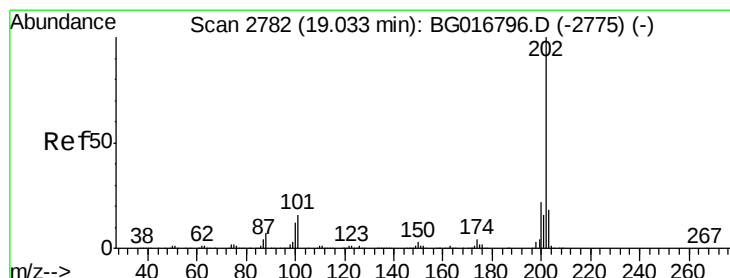
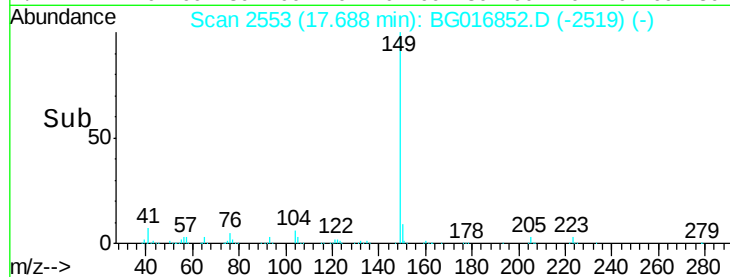
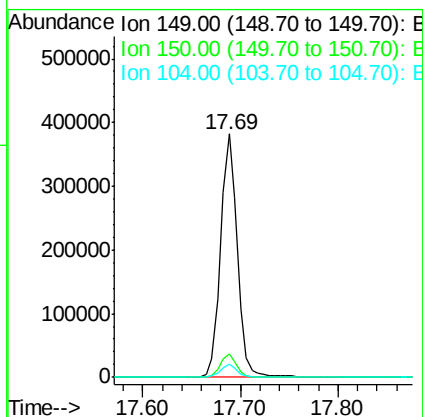
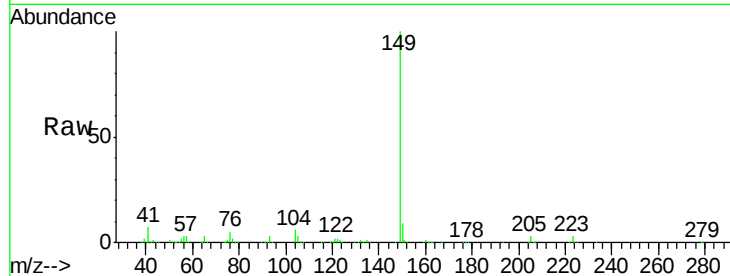




#73
Di-n-butylphthalate
Concen: 44.53 ng
RT: 17.69 min Scan# 2553
Delta R.T. -0.00 min
Lab File: BG016852.D
Acq: 1 May 2015 19:23

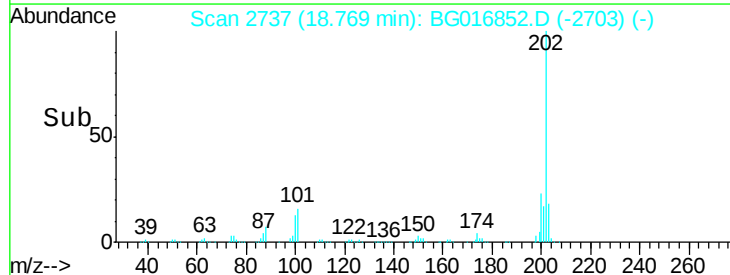
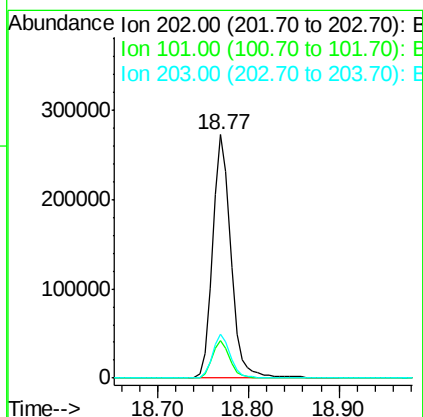
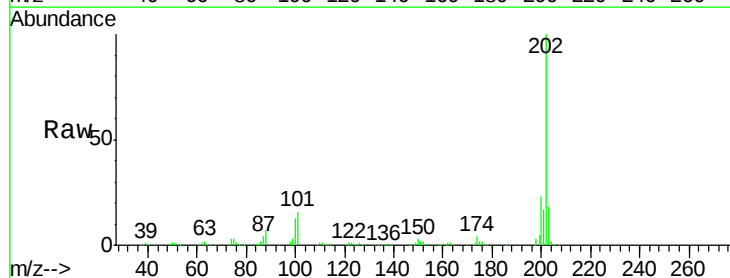
Instrument :
BNA_G
ClientSampleId :
PB83121BS

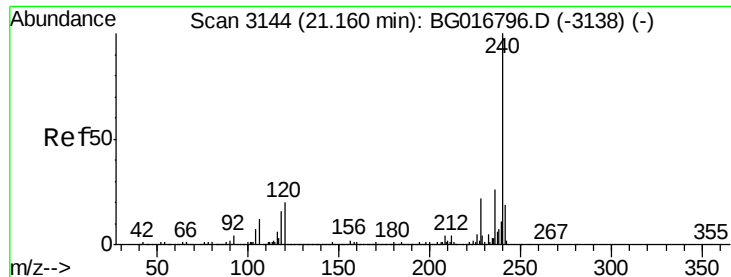
Tot Ion:149 Resp: 454748
Ion Ratio Lower Upper
149 100
150 9.4 7.9 11.9
104 5.5 3.8 5.6



#74
Fluoranthene
Concen: 42.09 ng
RT: 18.77 min Scan# 2737
Delta R.T. -0.00 min
Lab File: BG016852.D
Acq: 1 May 2015 19:23

Tgt Ion:202 Resp: 381956
Ion Ratio Lower Upper
202 100
101 15.6 0.0 36.2
203 18.3 0.0 37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 20.91 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BG016852.D

Acq: 1 May 2015 19:23

Instrument :

BNA_G

ClientSampleId :

PB83121BS

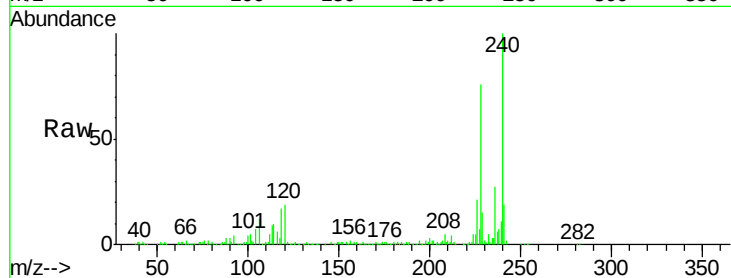
Tot Ion:240 Resp: 159782

Ion Ratio Lower Upper

240 100

120 18.5 16.1 24.1

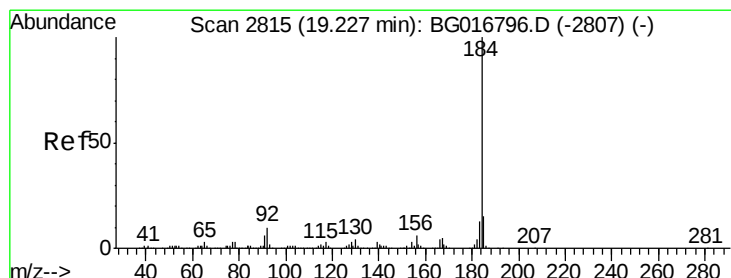
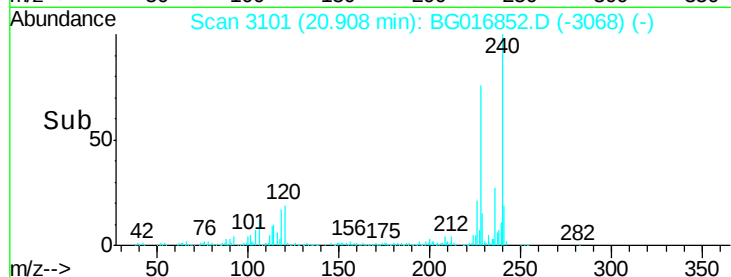
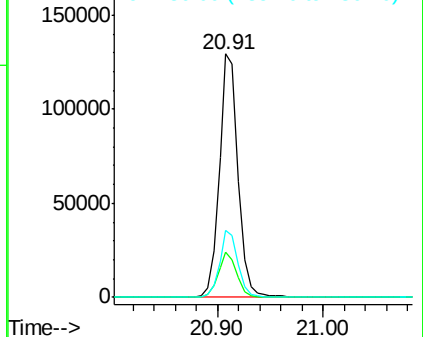
236 27.4 21.0 31.6



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: 24.53 ng

RT: 18.98 min Scan# 2773

Delta R.T. -0.00 min

Lab File: BG016852.D

Acq: 1 May 2015 19:23

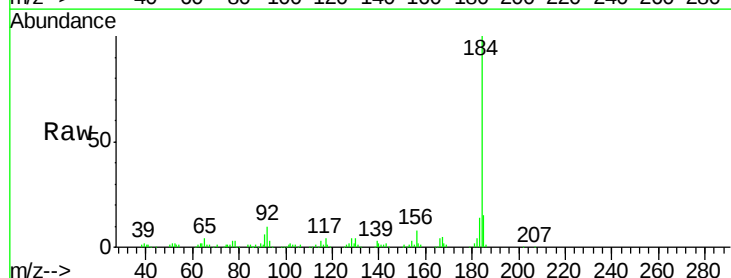
Tgt Ion:184 Resp: 150762

Ion Ratio Lower Upper

184 100

185 14.8 11.9 17.9

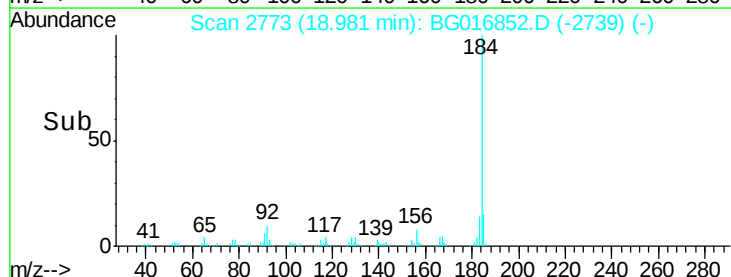
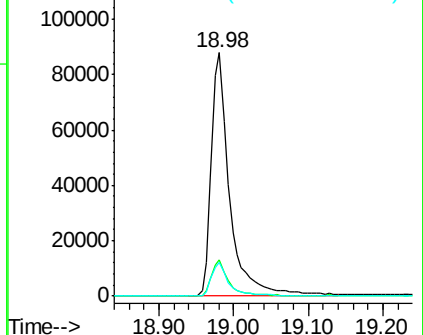
183 13.7 10.5 15.7

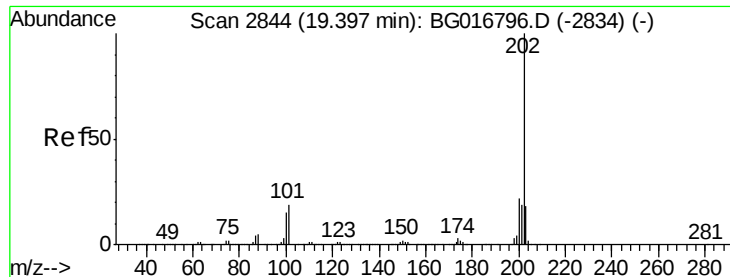


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

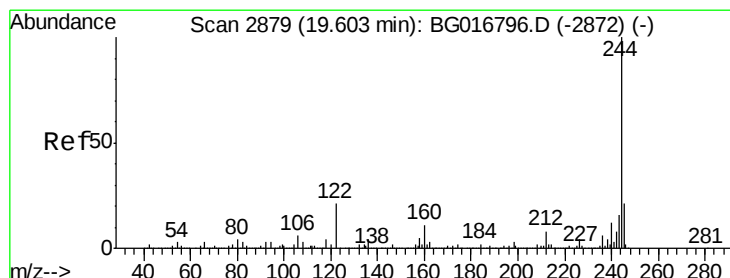
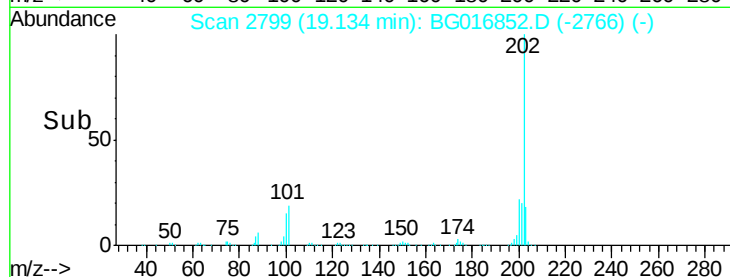
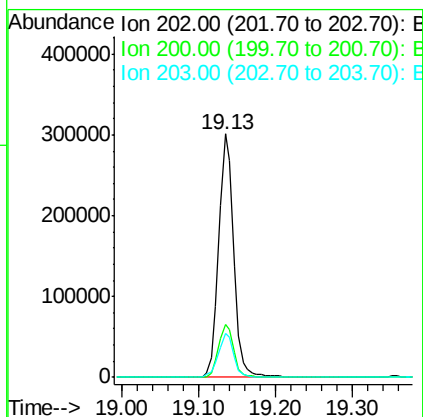
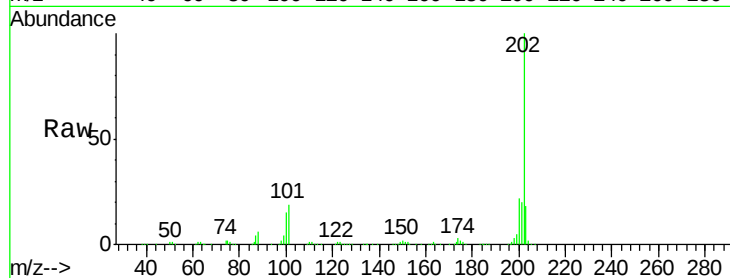




#77
Pvrene
Concen: 38.84 ng
RT: 19.13 min Scan# 2799
Delta R.T. -0.01 min
Lab File: BG016852.D
Acq: 1 May 2015 19:23

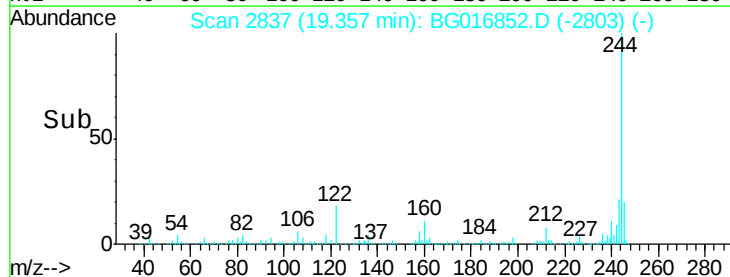
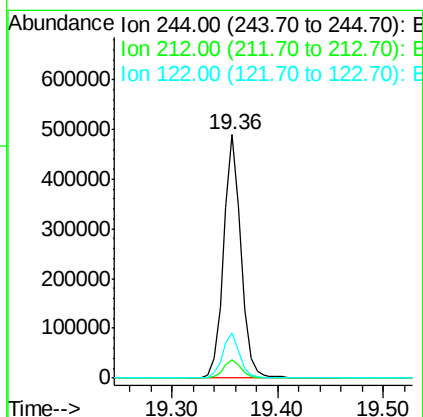
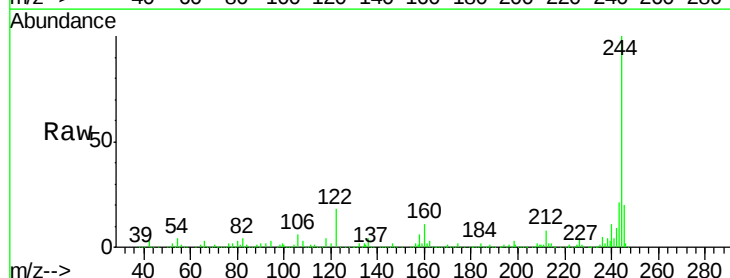
Instrument :
BNA_G
ClientSampleId :
PB83121BS

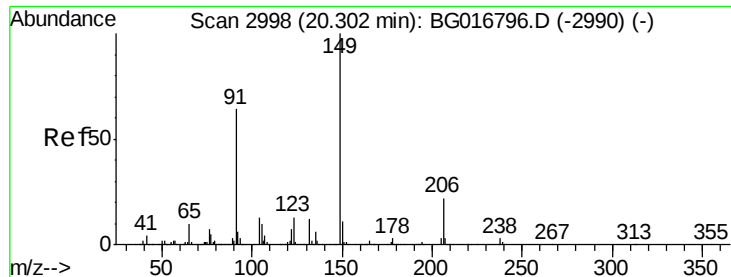
Tot Ion:202 Resp: 405681
Ion Ratio Lower Upper
202 100
200 21.7 17.3 25.9
203 17.9 14.6 22.0



#78
Terphenyl-d14
Concen: 83.95 ng
RT: 19.36 min Scan# 2837
Delta R.T. -0.00 min
Lab File: BG016852.D
Acq: 1 May 2015 19:23

Tgt Ion:244 Resp: 556134
Ion Ratio Lower Upper
244 100
212 7.8 6.4 9.6
122 18.4 16.4 24.6

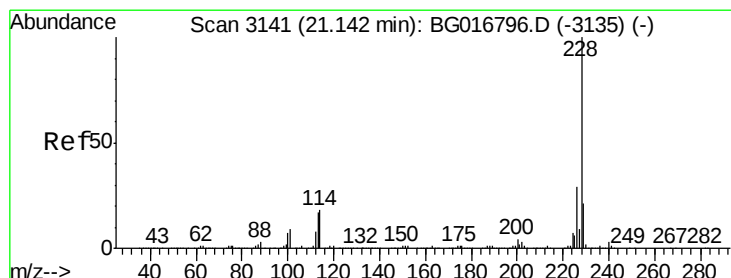
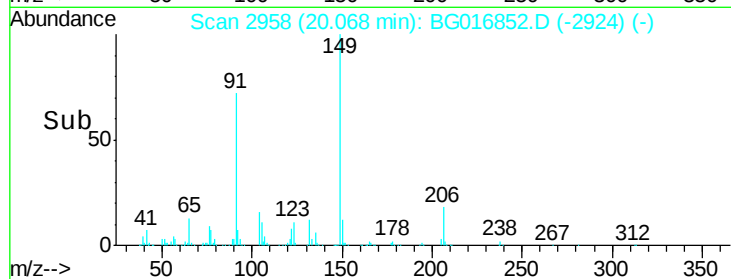
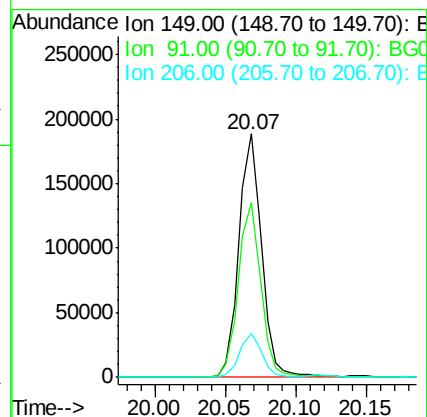
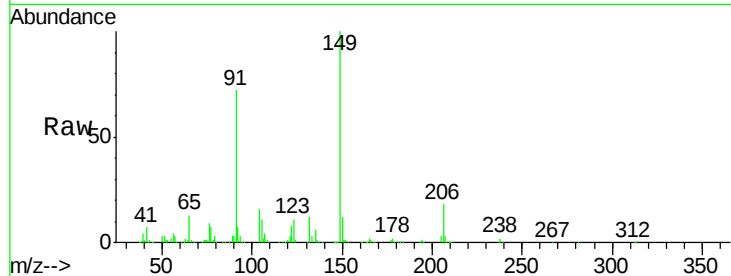




#79
Butylbenzylphthalate
Concen: 40.83 ng
RT: 20.07 min Scan# 2958
Delta R.T. -0.00 min
Lab File: BG016852.D
Acq: 1 May 2015 19:23

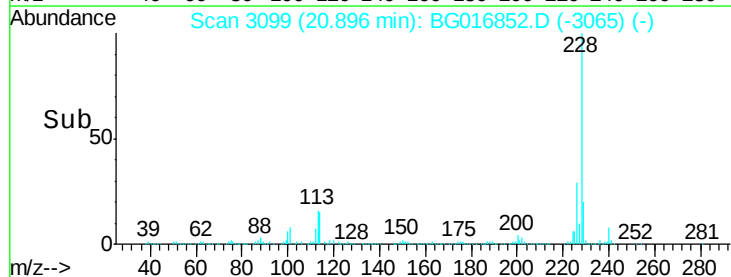
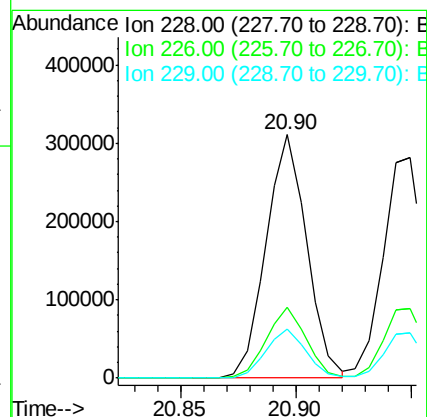
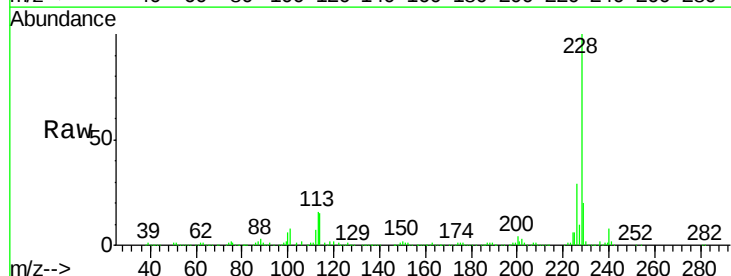
Instrument :
BNA_G
ClientSampleId :
PB83121BS

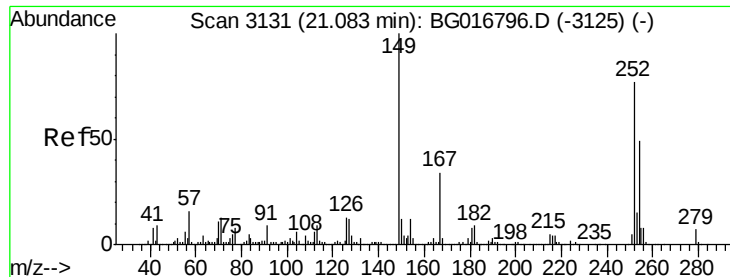
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.9	51.3	76.9
206	18.2	17.2	25.8



#80
Benzo(a)anthracene
Concen: 41.34 ng
RT: 20.90 min Scan# 3099
Delta R.T. -0.00 min
Lab File: BG016852.D
Acq: 1 May 2015 19:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.4	35.0
229	20.0	17.0	25.6

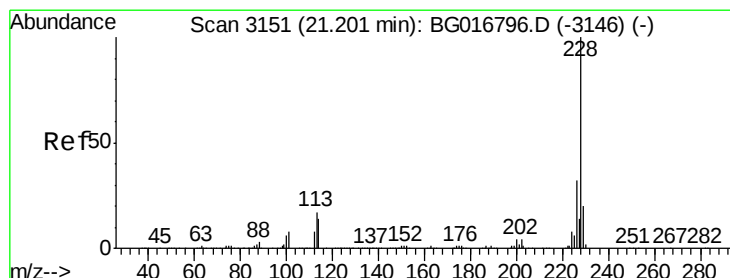
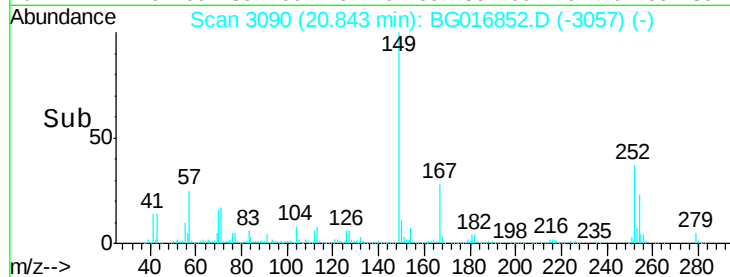
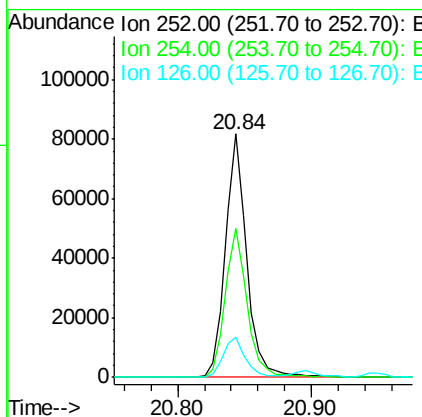
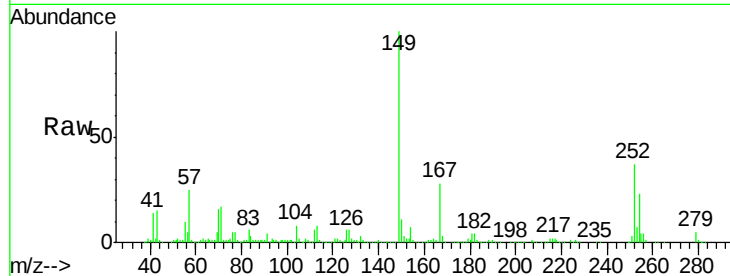




#81
 3,3'-Dichlorobenzidine
 Concen: 29.39 ng
 RT: 20.84 min Scan# 3090
 Delta R.T. -0.01 min
 Lab File: BG016852.D
 Acq: 1 May 2015 19:23

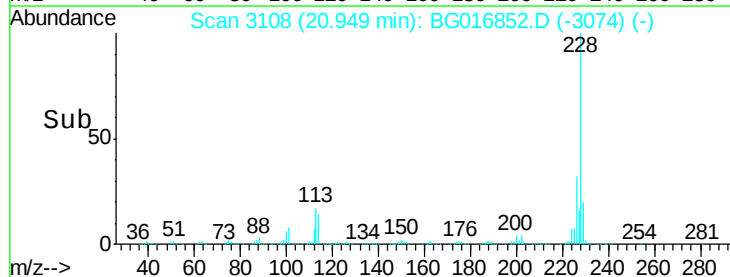
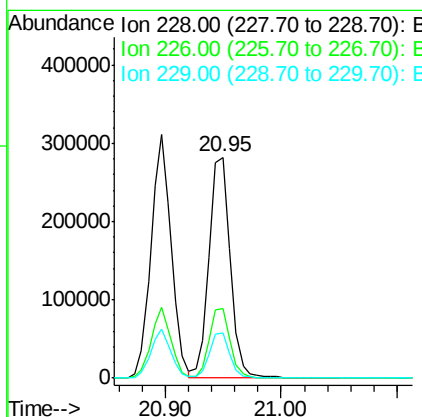
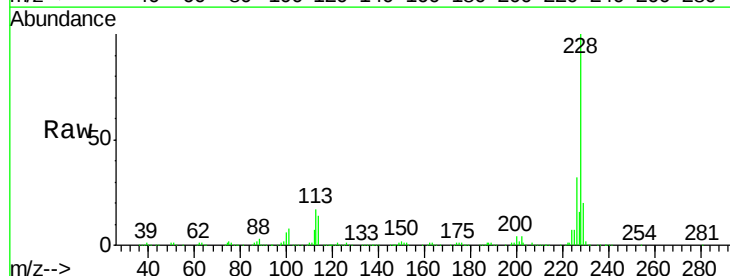
Instrument :
 BNA_G
 ClientSampleId :
 PB83121BS

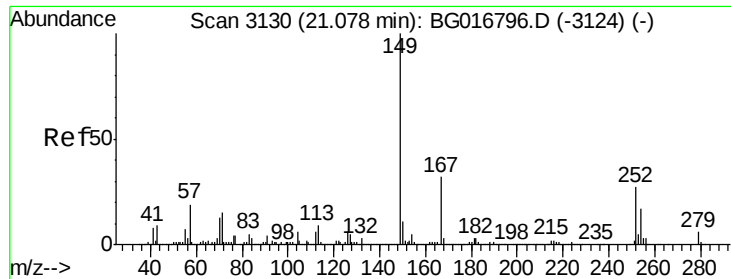
Tot Ion:252 Resp: 92320
 Ion Ratio Lower Upper
 252 100
 254 61.2 51.3 76.9
 126 16.7 13.9 20.9



#82
 Chrysene
 Concen: 41.55 ng
 RT: 20.95 min Scan# 3108
 Delta R.T. -0.00 min
 Lab File: BG016852.D
 Acq: 1 May 2015 19:23

Tgt Ion:228 Resp: 362758
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.1 37.7
 229 20.5 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.02 ng

RT: 20.85 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BG016852.D

Acq: 1 May 2015 19:23

Instrument :

BNA_G

ClientSampleId :

PB83121BS

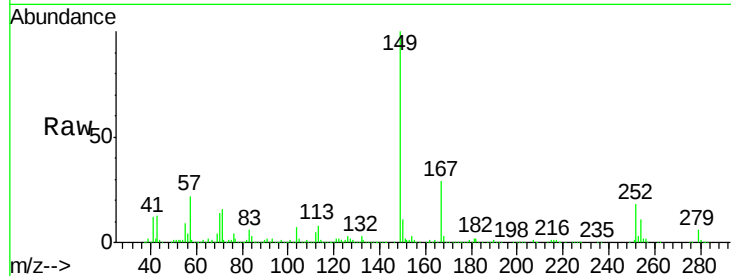
Tot Ion:149 Resp: 307764

Ion Ratio Lower Upper

149 100

167 28.8 25.9 38.9

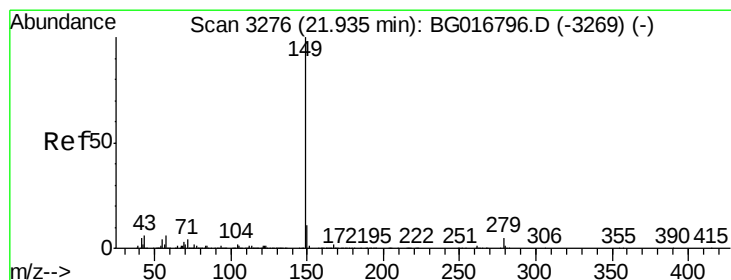
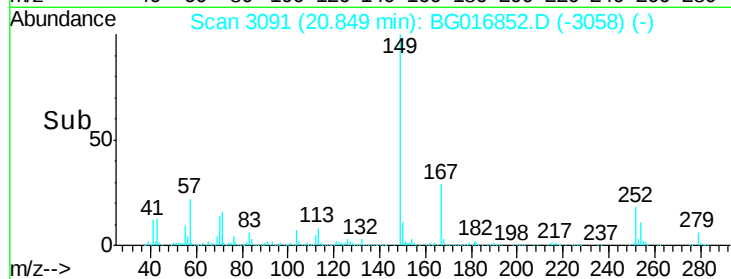
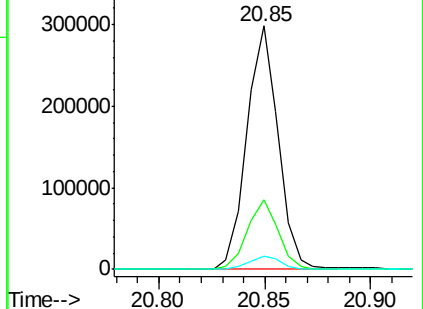
279 5.6 5.0 7.4



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: 51.86 ng

RT: 21.69 min Scan# 3234

Delta R.T. -0.00 min

Lab File: BG016852.D

Acq: 1 May 2015 19:23

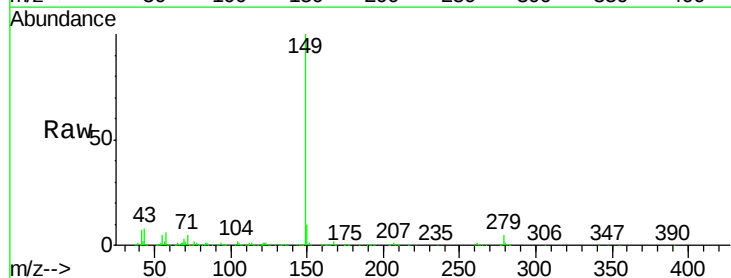
Tgt Ion:149 Resp: 642107

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.2

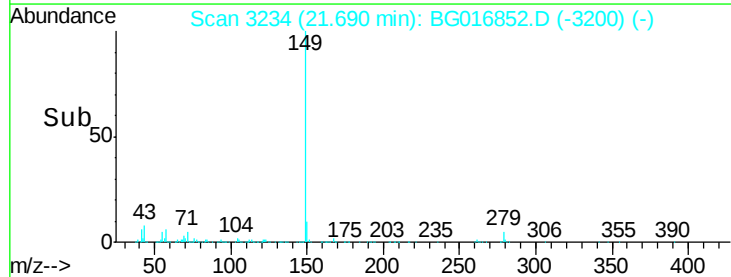
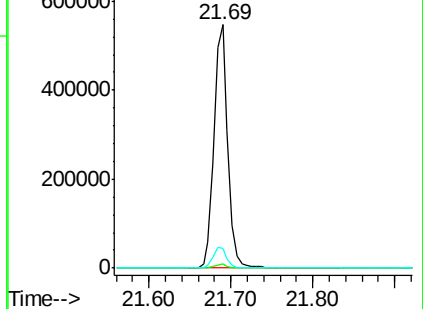
43 8.3 5.2 7.8#

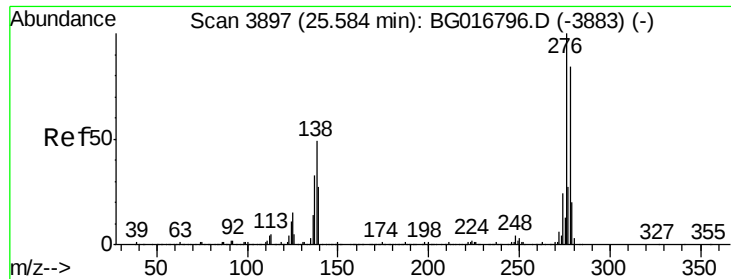


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

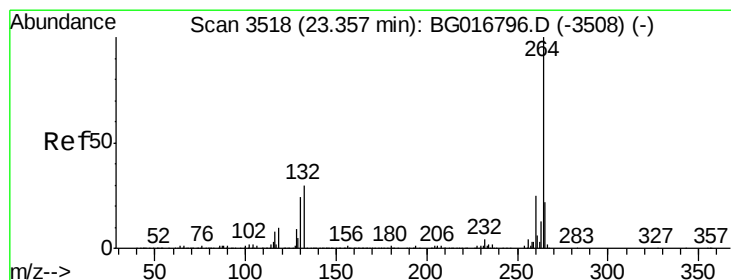
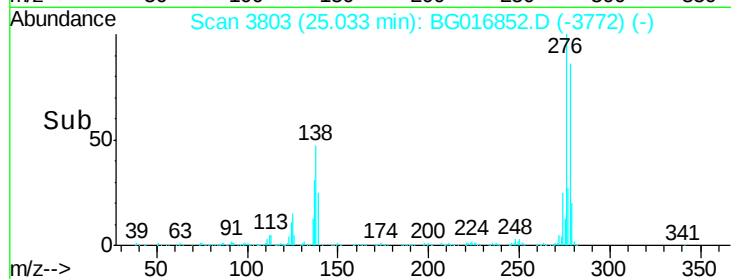
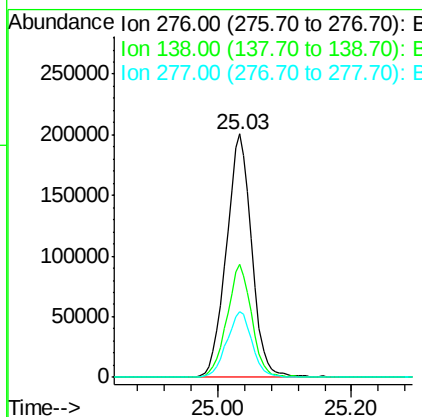
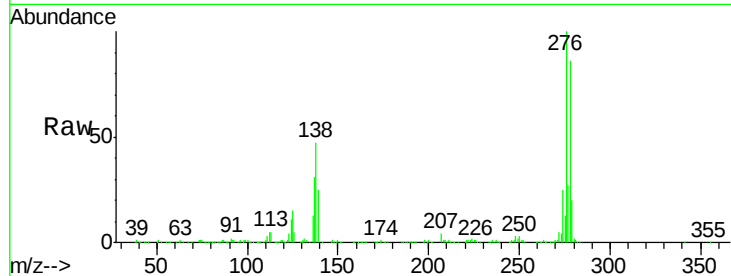




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.08 ng
 RT: 25.03 min Scan# 3803
 Delta R.T. -0.02 min
 Lab File: BG016852.D
 Acq: 1 May 2015 19:23

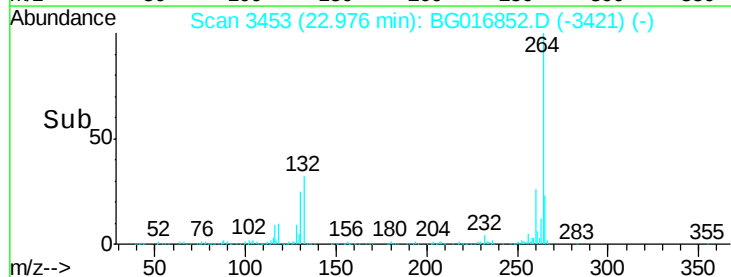
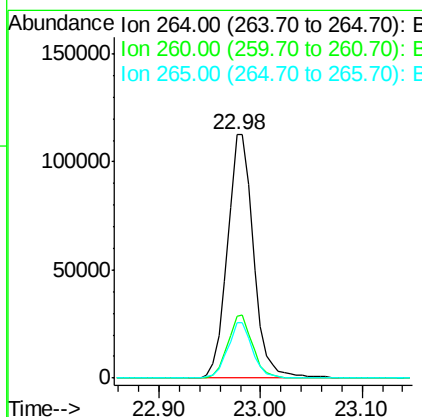
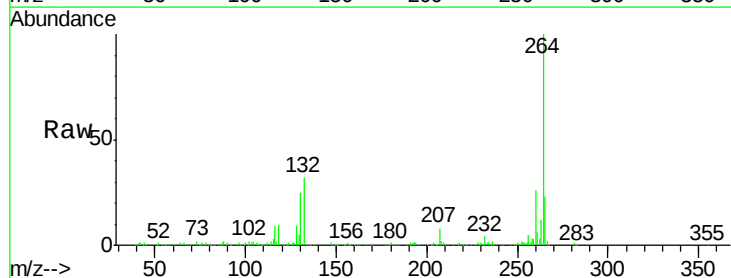
Instrument :
 BNA_G
 ClientSampleId :
 PB83121BS

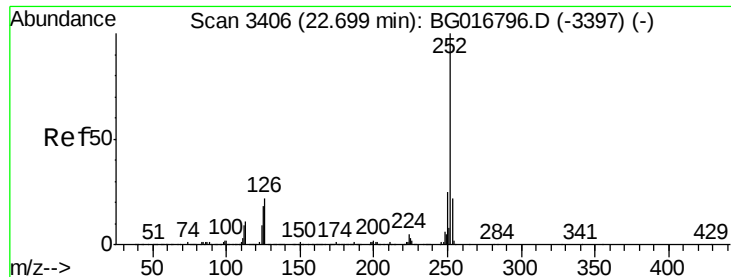
Tot Ion	Ratio	Lower	Upper
276	100		
138	44.7	37.0	55.6
277	26.9	21.4	32.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.98 min Scan# 3453
 Delta R.T. -0.01 min
 Lab File: BG016852.D
 Acq: 1 May 2015 19:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.7	29.5
265	22.5	17.4	26.2

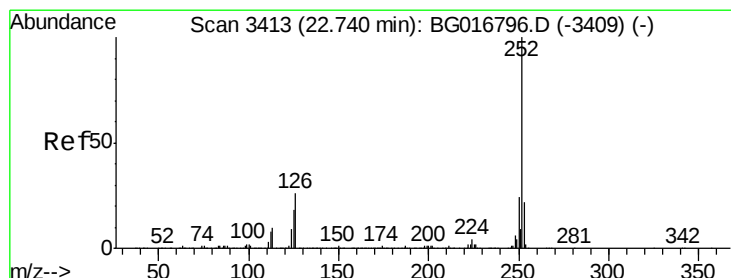
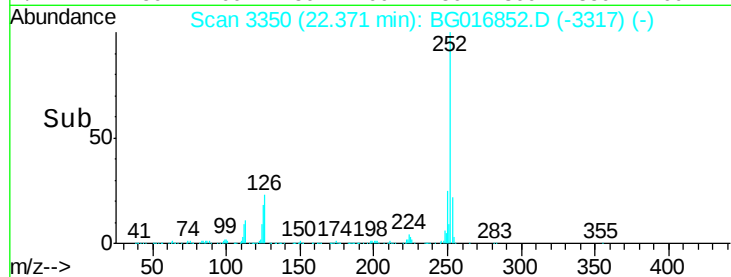
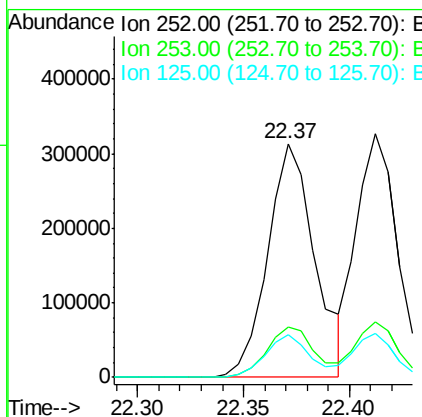
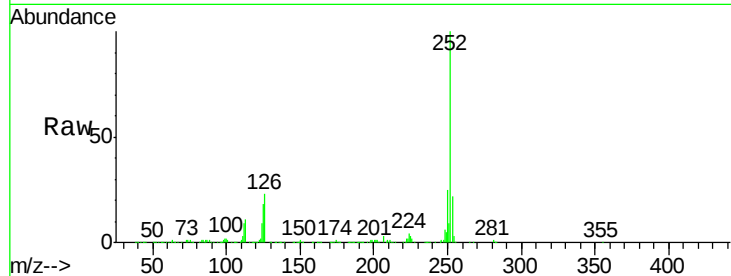




#87
Benzo(b)fluoranthene
Concen: 42.55 ng
RT: 22.37 min Scan# 3350
Delta R.T. -0.01 min
Lab File: BG016852.D
Acq: 1 May 2015 19:23

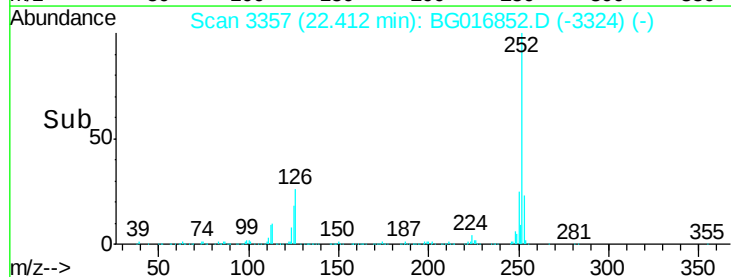
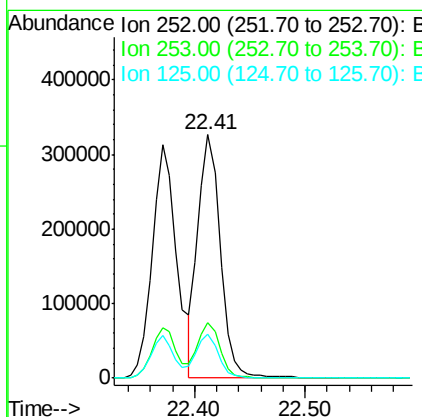
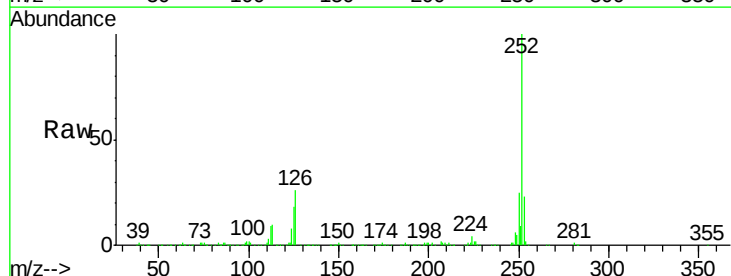
Instrument :
BNA_G
ClientSampleId :
PB83121BS

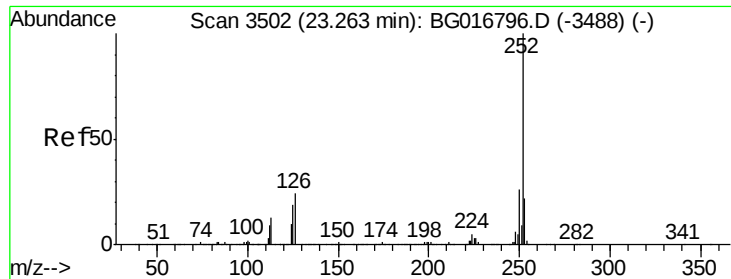
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	18.2	14.2	21.2



#88
Benzo(k)fluoranthene
Concen: 40.32 ng
RT: 22.41 min Scan# 3357
Delta R.T. -0.01 min
Lab File: BG016852.D
Acq: 1 May 2015 19:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	18.3	14.5	21.7





#89

Benzo(a)pyrene

Concen: 42.60 ng

RT: 22.89 min Scan# 3439

Delta R.T. -0.01 min

Lab File: BG016852.D

Acq: 1 May 2015 19:23

Instrument :

BNA_G

ClientSampleId :

PB83121BS

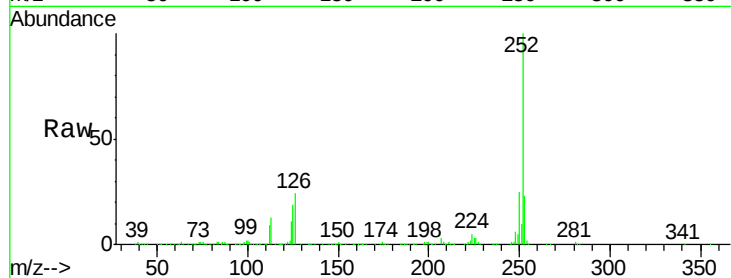
Tot Ion:252 Resp: 460519

Ion Ratio Lower Upper

252 100

253 22.7 17.9 26.9

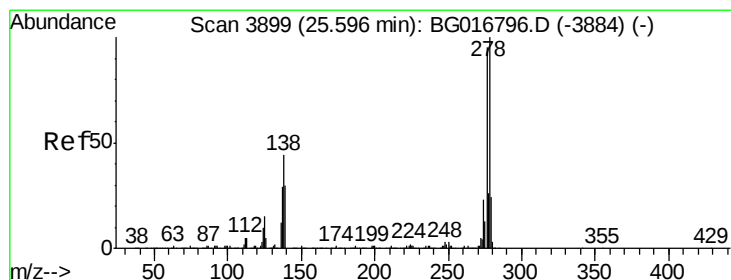
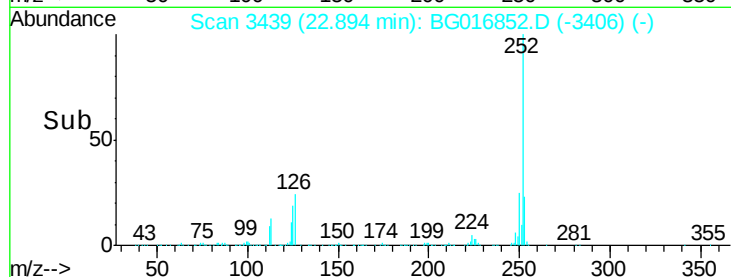
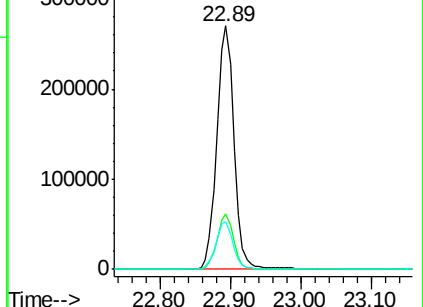
125 19.4 15.0 22.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.07 ng

RT: 25.04 min Scan# 3804

Delta R.T. -0.02 min

Lab File: BG016852.D

Acq: 1 May 2015 19:23

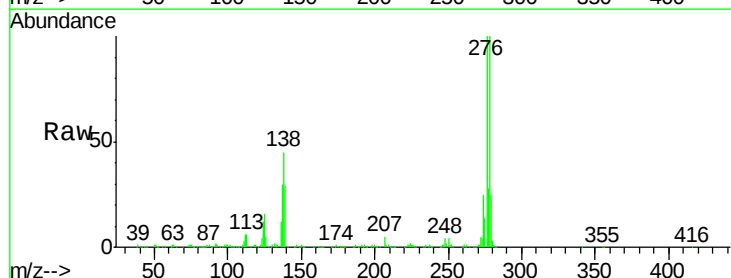
Tgt Ion:278 Resp: 447969

Ion Ratio Lower Upper

278 100

139 29.3 23.9 35.9

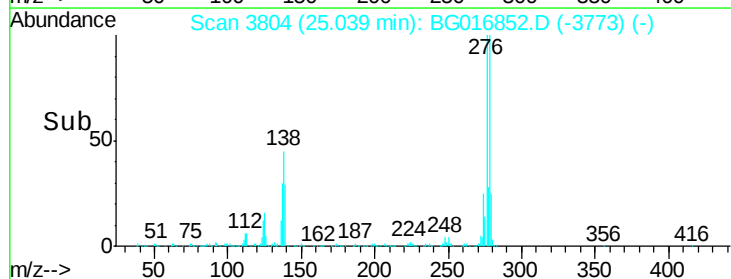
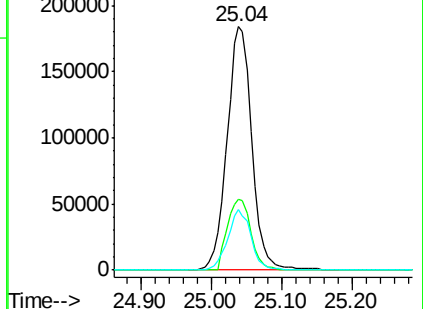
279 25.0 19.4 29.0

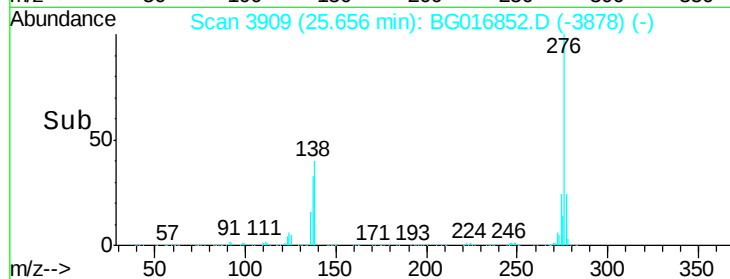
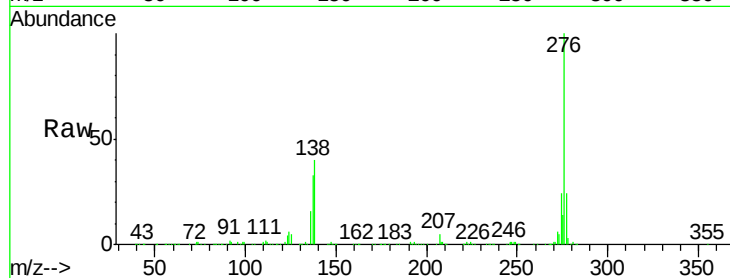
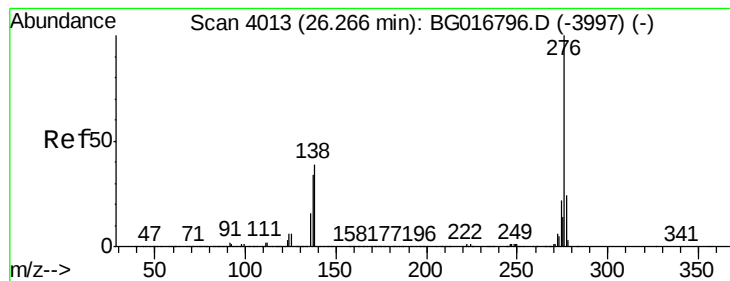


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 40.17 ng

RT: 25.66 min Scan# 3909

Delta R.T. -0.02 min

Lab File: BG016852.D

Acq: 1 May 2015 19:23

Instrument :

BNA_G

ClientSampleId :

PB83121BS

Tot Ion:276 Resp: 440381

Ion Ratio Lower Upper

276 100

277 23.7 19.6 29.4

138 39.9 31.0 46.4

