

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG043015\
 Data File : BG016837.D
 Acq On : 1 May 2015 6:35
 Operator : TP/IZ
 Sample : PB83017BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83017BS

Quant Time: May 01 07:19:34 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 06:49:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	51567	20.00	ng	0.00
21) Naphthalene-d8	10.23	136	247930	20.00	ng	0.00
38) Acenaphthene-d10	14.12	164	152912	20.00	ng	0.00
63) Phenanthrene-d10	16.87	188	323182	20.00	ng	0.00
75) Chrysene-d12	21.06	240	251172	20.00	ng	0.00
86) Perylene-d12	23.21	264	225995	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.03	112	399745	142.79	ng	0.00
7) Phenol-d6	6.66	99	550096	140.00	ng	0.00
23) Nitrobenzene-d5	8.61	82	278963	73.30	ng	0.00
41) 2,4,6-Tribromophenol	15.63	330	136708	120.04	ng	0.00
44) 2-Fluorobiphenyl	12.73	172	711626	72.05	ng	0.00
78) Terphenyl-d14	19.51	244	836223	80.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.85	88	47881	39.94	ng	93
3) Pyridine	3.26	79	111383	33.09	ng	94
4) n-Nitrosodimethylamine	3.19	42	42034	42.79	ng	92
6) Aniline	6.79	93	148145	27.89	ng	97
8) 2-Chlorophenol	7.01	128	167470	47.06	ng	95
9) Benzaldehyde	6.60	77	6868	3.07	ng	# 89
10) Phenol	6.69	94	189217	46.95	ng	96
11) bis(2-Chloroethyl)ether	6.88	93	139394	43.36	ng	99
12) 1,3-Dichlorobenzene	7.33	146	152322	40.18	ng	97
13) 1,4-Dichlorobenzene	7.48	146	155677	40.18	ng	96
14) 1,2-Dichlorobenzene	7.79	146	154992	41.76	ng	98
15) Benzyl Alcohol	7.71	79	117122	47.83	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.99	45	149190	52.57	ng	95
17) 2-Methylphenol	7.92	107	136225	46.93	ng	97
18) Hexachloroethane	8.51	117	62721	45.89	ng	95
19) n-Nitroso-di-n-propylamine	8.26	70	113265	45.10	ng	99
20) 3+4-Methylphenols	8.26	107	180638	45.30	ng	# 85
22) Acetophenone	8.28	105	206012	41.41	ng	# 96
24) Nitrobenzene	8.65	77	144302	40.14	ng	92
25) Isophorone	9.17	82	328652	43.37	ng	95
26) 2-Nitrophenol	9.36	139	89602	39.30	ng	# 89
27) 2,4-Dimethylphenol	9.45	122	165784	43.95	ng	98
28) bis(2-Chloroethoxy)methane	9.66	93	187445	42.44	ng	99
29) 2,4-Dichlorophenol	9.90	162	141351	43.11	ng	98
30) 1,2,4-Trichlorobenzene	10.10	180	131737	37.96	ng	99
31) Naphthalene	10.28	128	498994	40.33	ng	99
32) Benzoic acid	9.60	122	39145	20.92	ng	93
33) 4-Chloroaniline	10.42	127	87084	16.20	ng	99
34) Hexachlorobutadiene	10.56	225	57911	36.78	ng	96
35) Caprolactam	11.23	113	47278	26.30	ng	93
36) 4-Chloro-3-methylphenol	11.57	107	177863	48.15	ng	90
37) 2-Methylnaphthalene	11.91	142	375068	41.38	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.29	216	128424	36.98	ng	# 97
40) Hexachlorocyclopentadiene	12.26	237	78069	76.89	ng	99

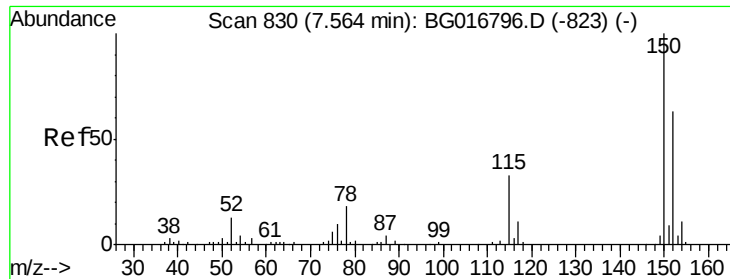
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG043015\
 Data File : BG016837.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.55	196	97844	37.26	ng	97
43) 2,4,5-Trichlorophenol	12.64	196	108390	40.69	ng	# 93
45) 1,1'-Biphenyl	12.94	154	464924	41.38	ng	99
46) 2-Chloronaphthalene	12.98	162	345087	39.80	ng	95
47) 2-Nitroaniline	13.21	65	104168	48.11	ng	85
48) Acenaphthylene	13.84	152	630844	40.93	ng	99
49) Dimethylphthalate	13.59	163	460809	42.04	ng	100
50) 2,6-Dinitrotoluene	13.72	165	113521	42.30	ng	# 85
51) Acenaphthene	14.18	154	373662	40.75	ng	98
52) 3-Nitroaniline	14.06	138	78944	26.03	ng	94
53) 2,4-Dinitrophenol	14.27	184	96952	73.30	ng	# 87
54) Dibenzofuran	14.52	168	545489	41.76	ng	93
55) 4-Nitrophenol	14.42	139	161156	74.87	ng	88
56) 2,4-Dinitrotoluene	14.52	165	160008	43.78	ng	# 75
57) Fluorene	15.18	166	484505	42.22	ng	98
58) 2,3,4,6-Tetrachlorophenol	14.76	232	90548	44.74	ng	91
59) Diethylphthalate	14.96	149	506196	44.66	ng	97
60) 4-Chlorophenyl-phenylether	15.18	204	192007	39.62	ng	94
61) 4-Nitroaniline	15.23	138	115713	37.80	ng	93
62) Azobenzene	15.47	77	477268	50.90	ng	95
64) 4,6-Dinitro-2-methylphenol	15.28	198	76032	38.33	ng	82
65) n-Nitrosodiphenylamine	15.40	169	434787	41.49	ng	98
66) 4-Bromophenyl-phenylether	16.07	248	104275	40.17	ng	92
67) Hexachlorobenzene	16.18	284	105371	38.81	ng	# 89
68) Atrazine	16.36	200	131149	43.00	ng	98
69) Pentachlorophenol	16.54	266	94656	76.21	ng	96
70) Phenanthrene	16.91	178	724201	41.43	ng	99
71) Anthracene	17.00	178	738628	42.25	ng	99
72) Carbazole	17.28	167	743759	43.49	ng	98
73) Di-n-butylphthalate	17.85	149	937580	44.33	ng	99
74) Fluoranthene	18.94	202	751528	39.99	ng	95
76) Benzidine	19.14	184	216512	22.41	ng	99
77) Pyrene	19.30	202	771775	47.00	ng	99
79) Butylbenzylphthalate	20.21	149	389817	47.64	ng	93
80) Benzo(a)anthracene	21.05	228	592581	40.84	ng	99
81) 3,3'-Dichlorobenzidine	20.99	252	142703	28.90	ng	# 97
82) Chrysene	21.10	228	567615	41.36	ng	100
83) Bis(2-ethylhexyl)phthalate	20.99	149	523387	45.46	ng	97
84) Di-n-octyl phthalate	21.84	149	882566	45.35	ng	97
85) Indeno(1,2,3-cd)pyrene	25.37	276	604555	38.70	ng	95
87) Benzo(b)fluoranthene	22.57	252	557826	43.35	ng	97
88) Benzo(k)fluoranthene	22.61	252	514565	40.84	ng	98
89) Benzo(a)pyrene	23.11	252	529765	43.48	ng	96
90) Dibenzo(a,h)anthracene	25.37	278	490853	39.93	ng	97
91) Benzo(g,h,i)perylene	26.03	276	504303	40.82	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.44 min Scan# 809

Delta R.T. -0.00 min

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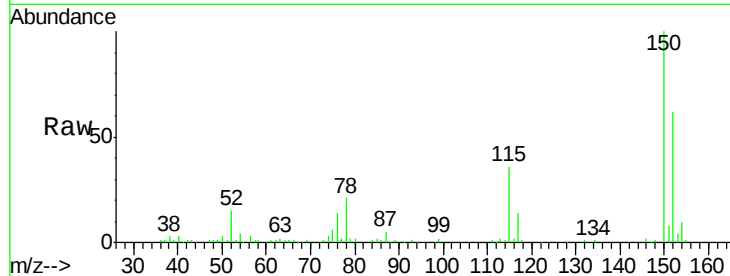
Tgt Ion:152 Resp: 51567

Ion Ratio Lower Upper

152 100

150 160.4 126.2 189.4

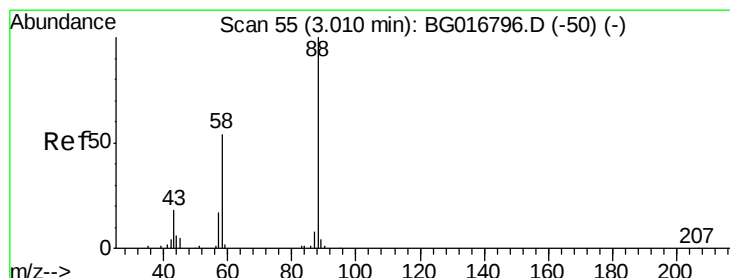
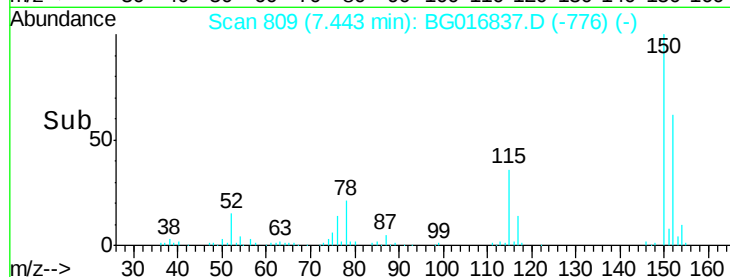
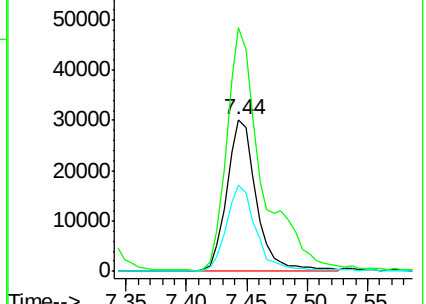
115 57.0 41.1 61.7



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: 39.94 ng

RT: 2.85 min Scan# 28

Delta R.T. -0.00 min

Lab File: BG016837.D

Acq: 1 May 2015 6:35

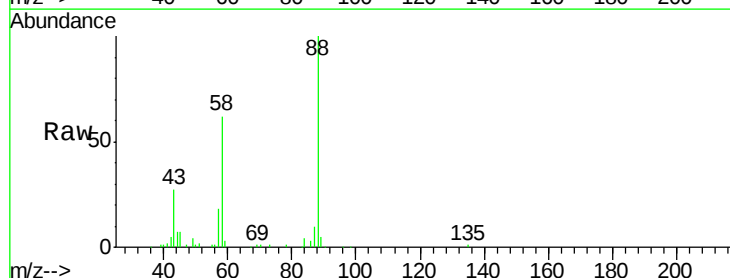
Tgt Ion: 88 Resp: 47881

Ion Ratio Lower Upper

88 100

58 61.9 44.8 67.2

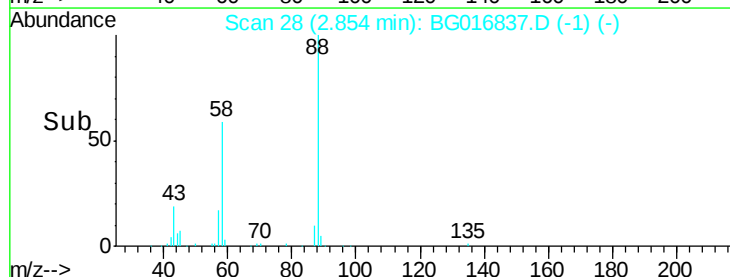
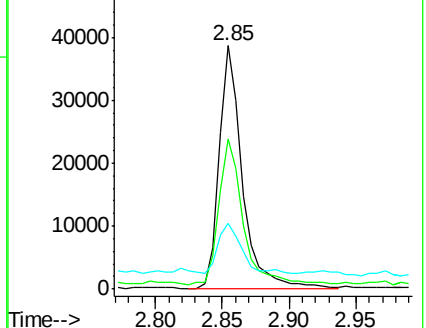
43 22.3 16.2 24.4

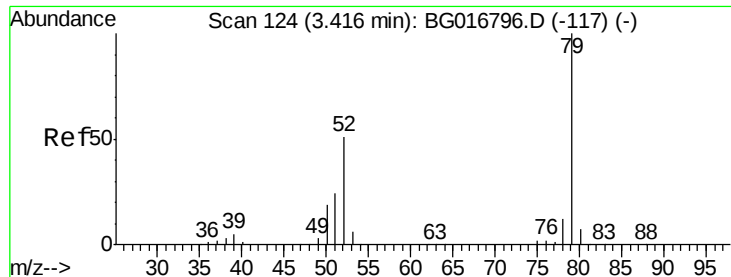


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 33.09 ng

RT: 3.26 min Scan# 97

Delta R.T. -0.01 min

Lab File: BG016837.D

Acq: 1 May 2015 6:35

Instrument :

BNA_F

ClientSampleId :

PB83017BS

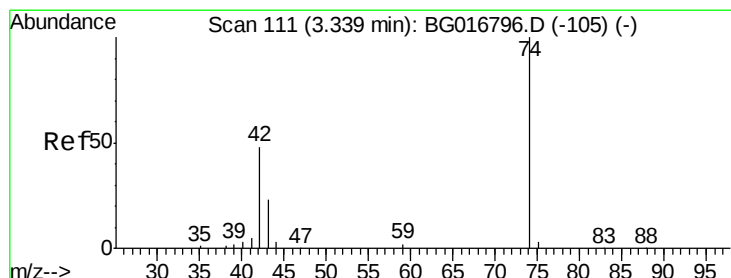
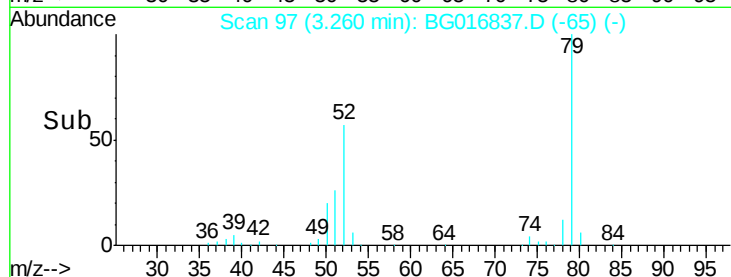
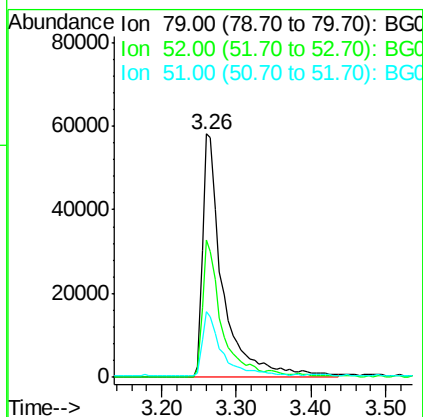
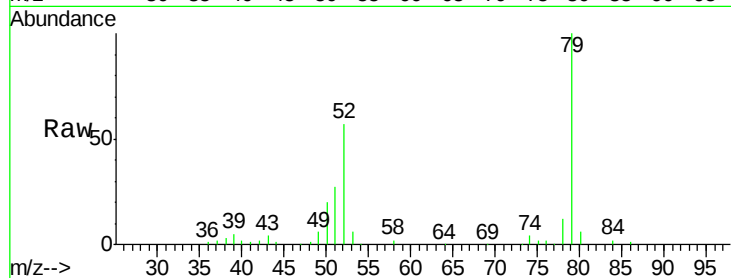
Tgt Ion: 79 Resp: 111383

Ion Ratio Lower Upper

79 100

52 56.6 41.0 61.6

51 26.8 20.2 30.4



#4

n-Nitrosodimethylamine

Concen: 42.79 ng

RT: 3.19 min Scan# 85

Delta R.T. -0.00 min

Lab File: BG016837.D

Acq: 1 May 2015 6:35

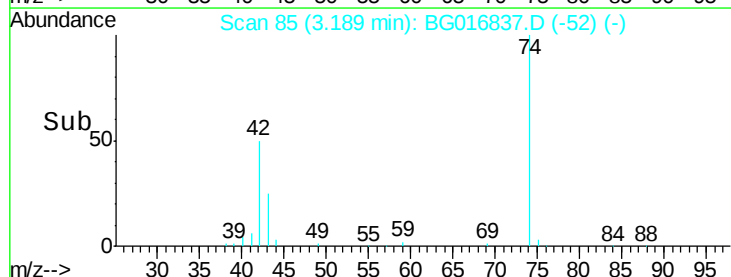
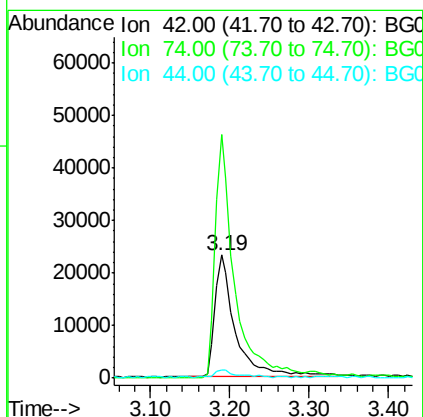
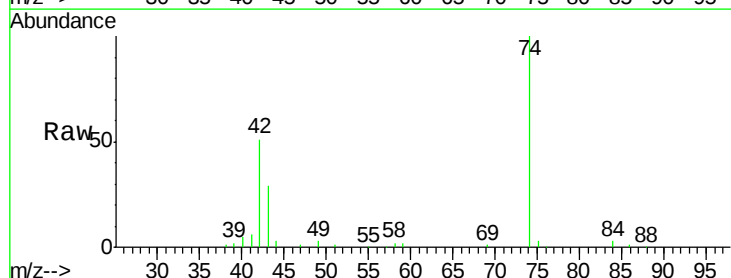
Tgt Ion: 42 Resp: 42034

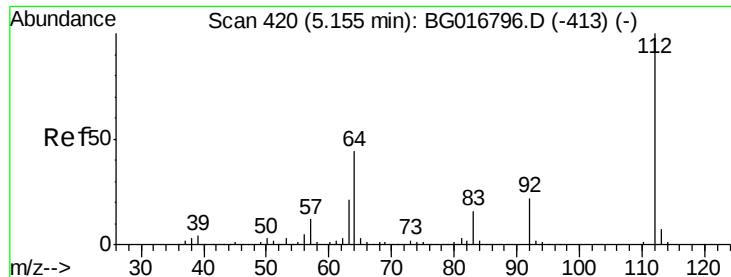
Ion Ratio Lower Upper

42 100

74 197.5 167.7 251.5

44 6.9 5.0 7.6





#5

2-Fluorophenol

Concen: 142.79 ng

RT: 5.03 min Scan# 399

Delta R.T. 0.00 min

Lab File: BG016837.D

Acq: 1 May 2015 6:35

Instrument :

BNA_F

ClientSampleId :

PB83017BS

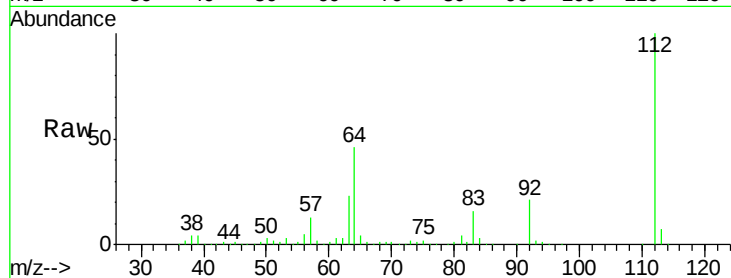
Tgt Ion: 112 Resp: 399745

Ion Ratio Lower Upper

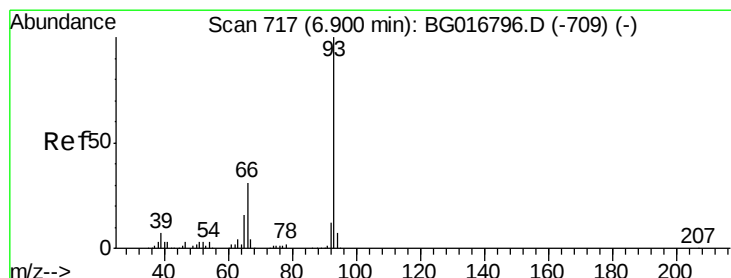
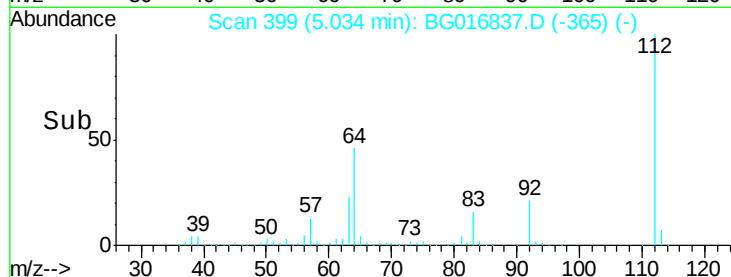
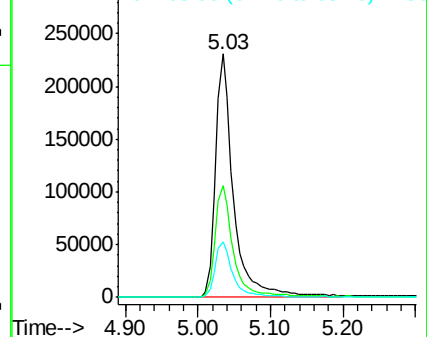
112 100

64 46.0 35.5 53.3

63 22.7 17.2 25.8



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



#6

Aniline

Concen: 27.89 ng

RT: 6.79 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG016837.D

Acq: 1 May 2015 6:35

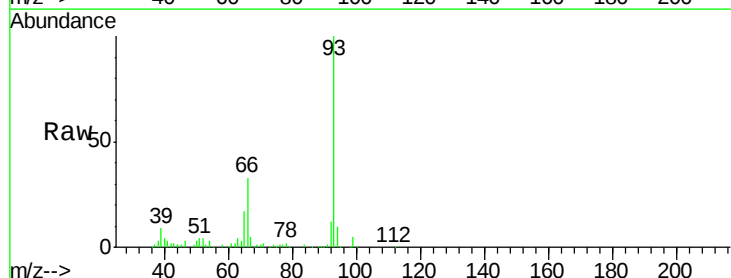
Tgt Ion: 93 Resp: 148145

Ion Ratio Lower Upper

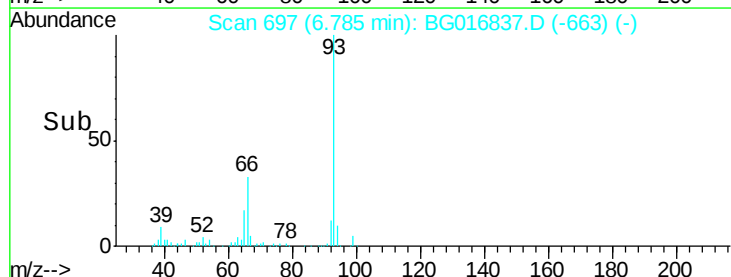
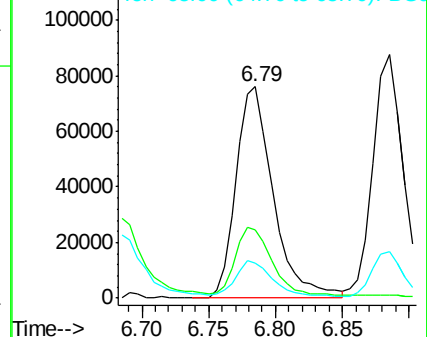
93 100

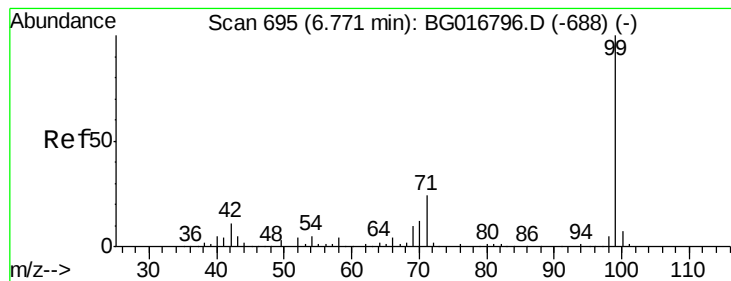
66 32.6 24.6 37.0

65 16.8 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: 140.00 ng

RT: 6.66 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG016837.D

Acq: 1 May 2015 6:35

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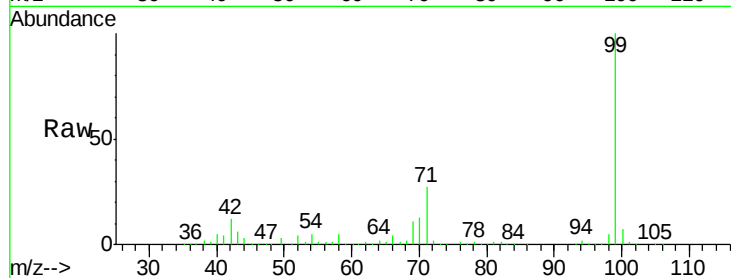
Tgt Ion: 99 Resp: 550096

Ion Ratio Lower Upper

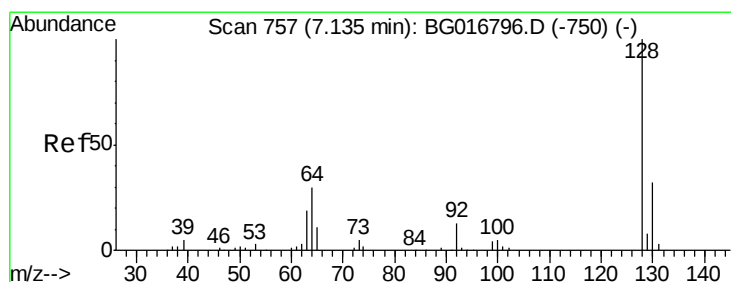
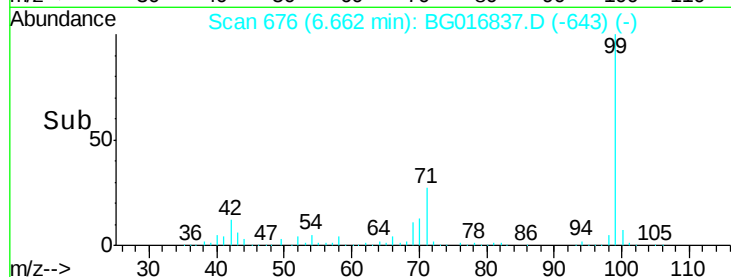
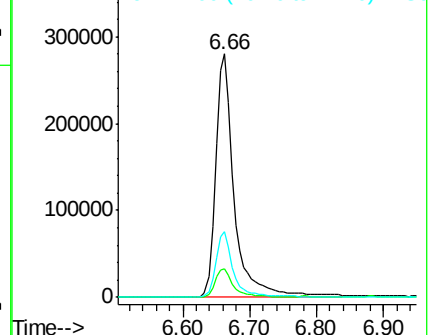
99 100

42 11.7 8.9 13.3

71 26.8 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: 47.06 ng

RT: 7.01 min Scan# 736

Delta R.T. -0.00 min

Lab File: BG016837.D

Acq: 1 May 2015 6:35

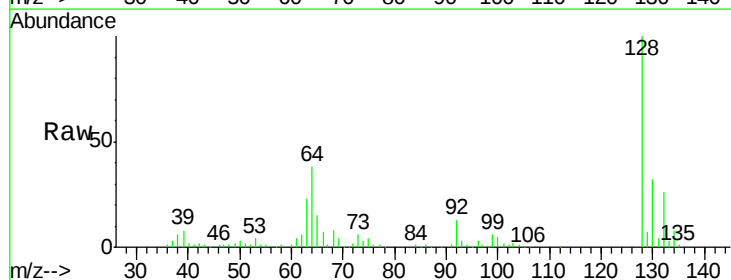
Tgt Ion: 128 Resp: 167470

Ion Ratio Lower Upper

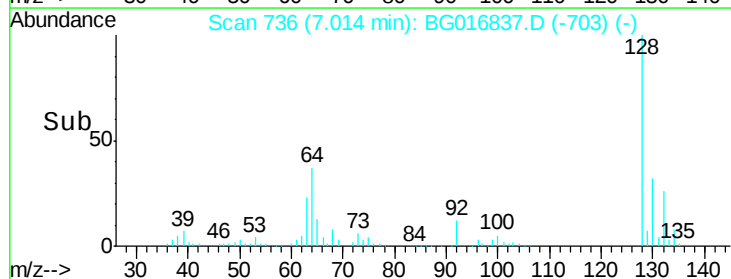
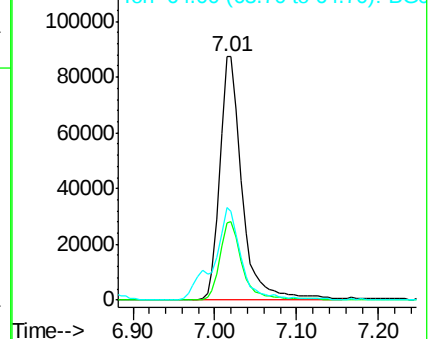
128 100

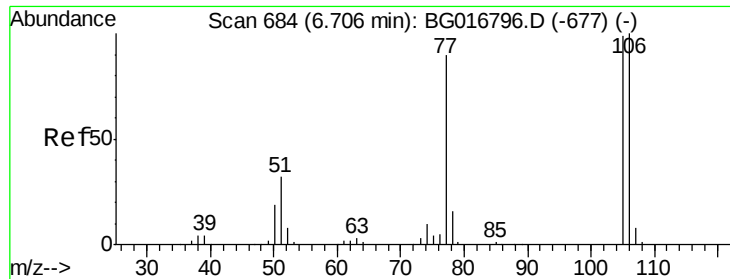
130 31.5 12.4 52.4

64 37.8 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

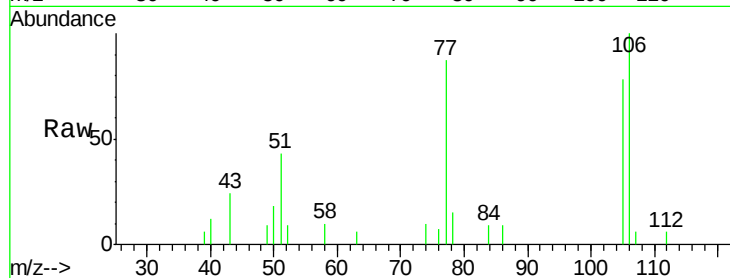




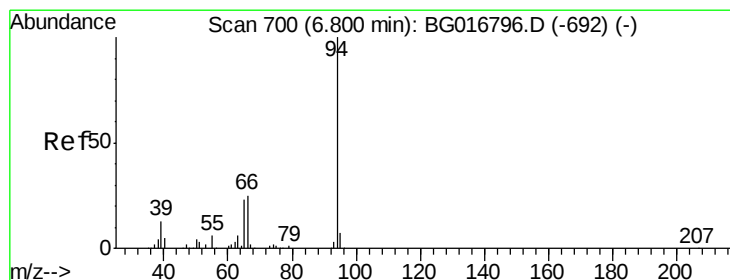
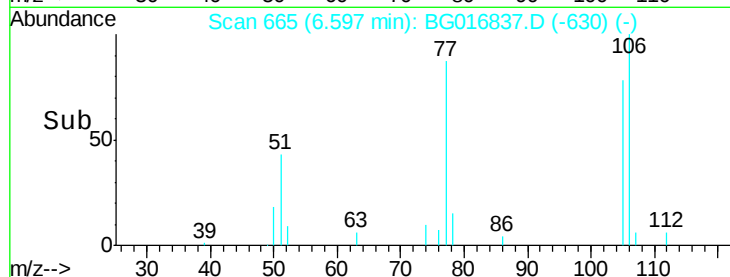
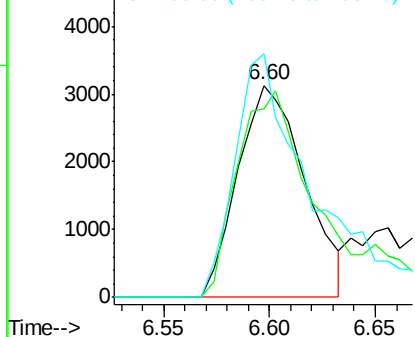
#9
Benzaldehyde
Concen: 3.07 ng
RT: 6.60 min Scan# 665
Delta R.T. 0.01 min
Lab File: BG016837.D
Acq: 1 May 2015 6:35

Instrument :
BNA_F
ClientSampleId :
PB83017BS

Tgt Ion: 77 Resp: 6868
Ion Ratio Lower Upper
77 100
105 89.3 89.9 129.9#
106 115.0 91.2 131.2

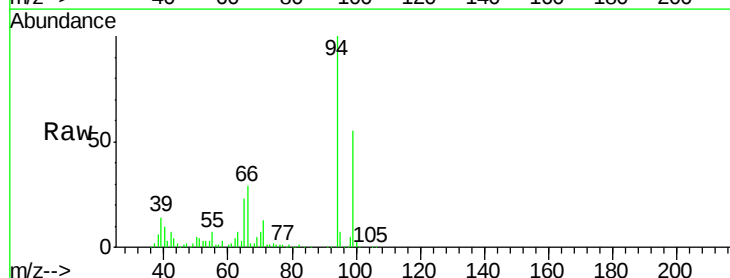


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

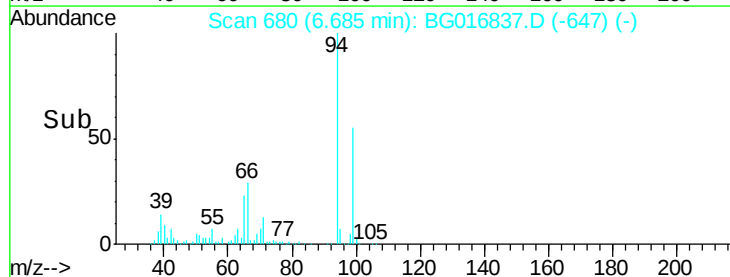
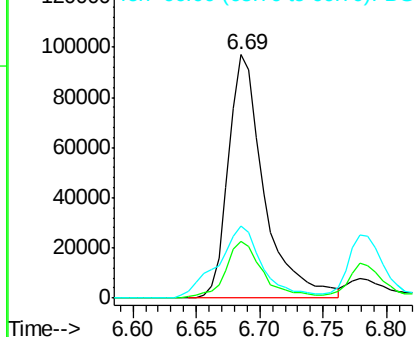


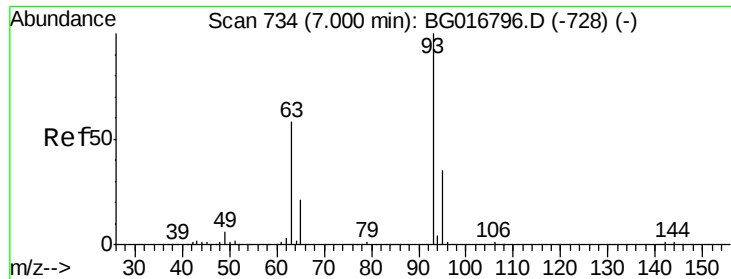
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Phenol
Concen: 46.95 ng
RT: 6.69 min Scan# 680
Delta R.T. -0.00 min
Lab File: BG016837.D
Acq: 1 May 2015 6:35

Tgt Ion: 94 Resp: 189217
Ion Ratio Lower Upper
94 100
65 23.4 3.0 43.0
66 29.4 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

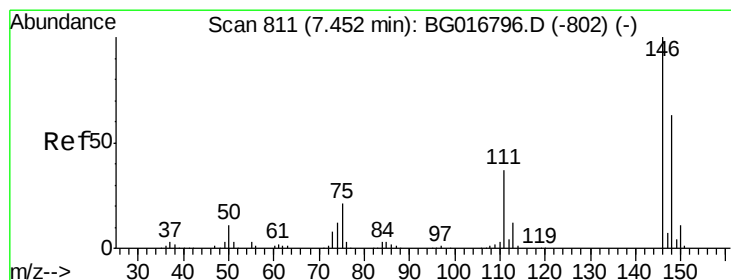
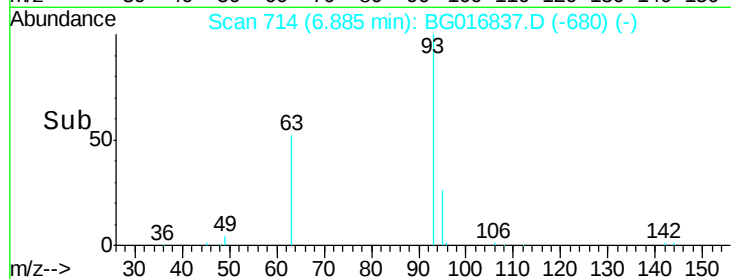
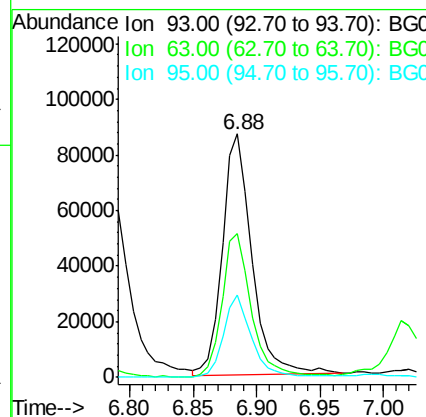
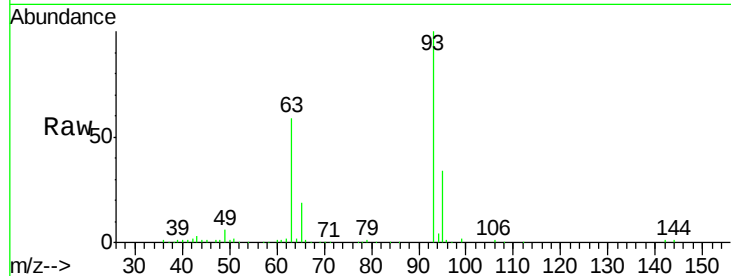




#11
 bis(2-Chloroethyl)ether
 Concen: 43.36 ng
 RT: 6.88 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: BG016837.D
 Acq: 1 May 2015 6:35

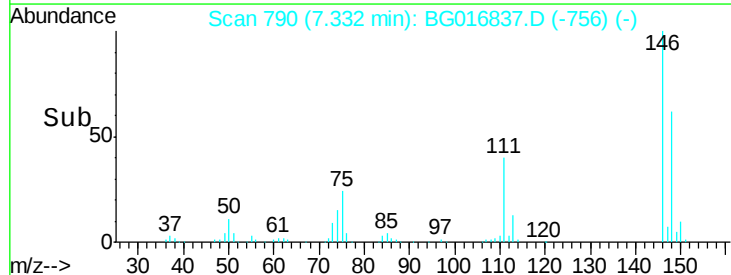
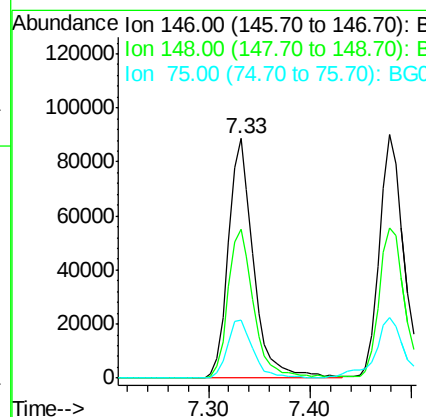
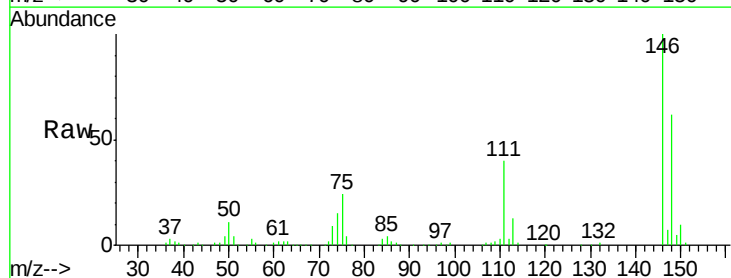
Instrument :
 BNA_F
 ClientSampleId :
 PB83017BS

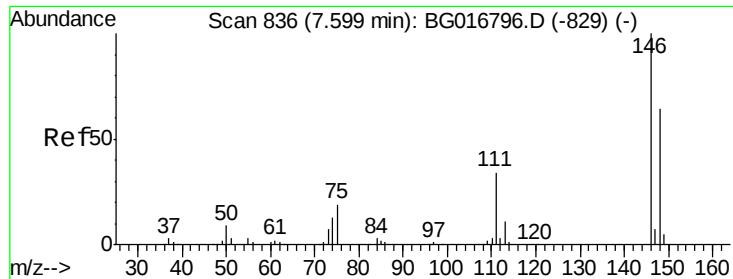
Tgt Ion: 93 Resp: 139394
 Ion Ratio Lower Upper
 93 100
 63 59.1 38.0 78.0
 95 33.7 14.5 54.5



#12
 1,3-Dichlorobenzene
 Concen: 40.18 ng
 RT: 7.33 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BG016837.D
 Acq: 1 May 2015 6:35

Tgt Ion: 146 Resp: 152322
 Ion Ratio Lower Upper
 146 100
 148 62.0 50.3 75.5
 75 24.2 16.7 25.1

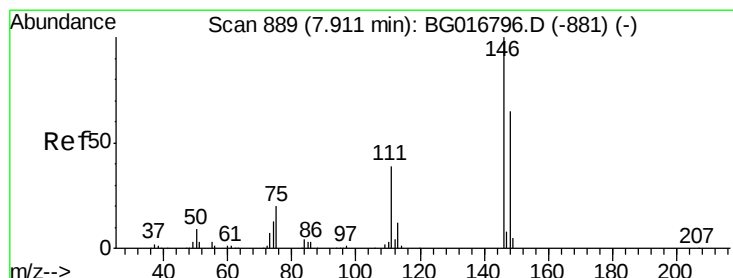
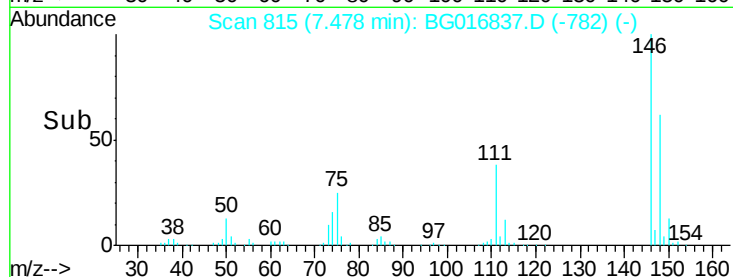
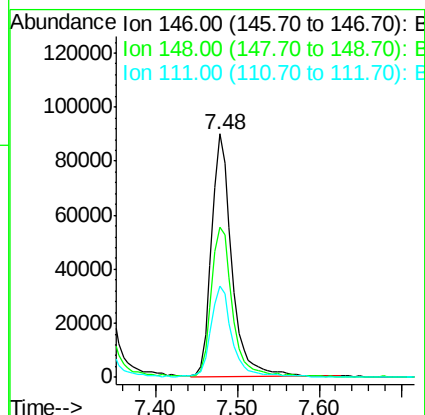
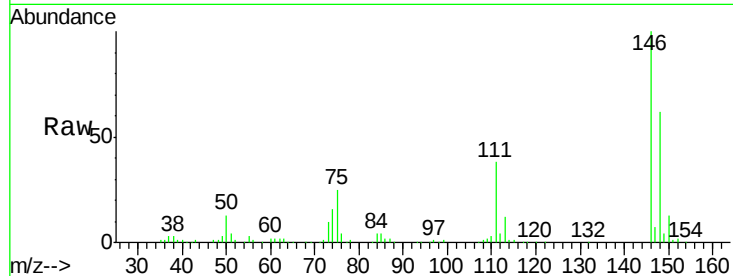




#13
 1,4-Dichlorobenzene
 Concen: 40.18 ng
 RT: 7.48 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BG016837.D
 Acq: 1 May 2015 6:35

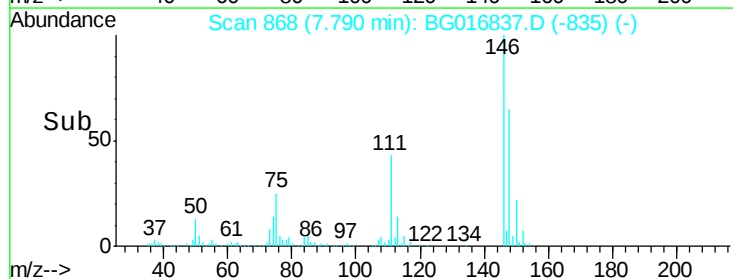
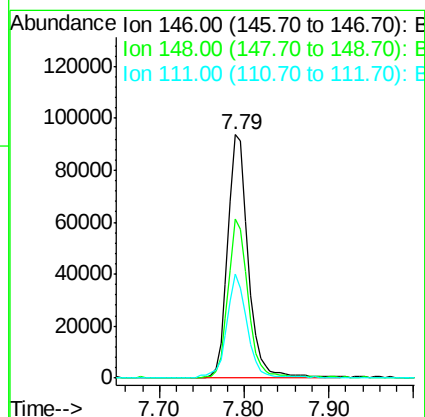
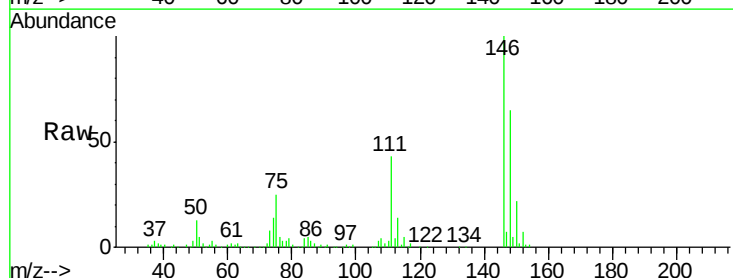
Instrument :
 BNA_F
 ClientSampleId :
 PB83017BS

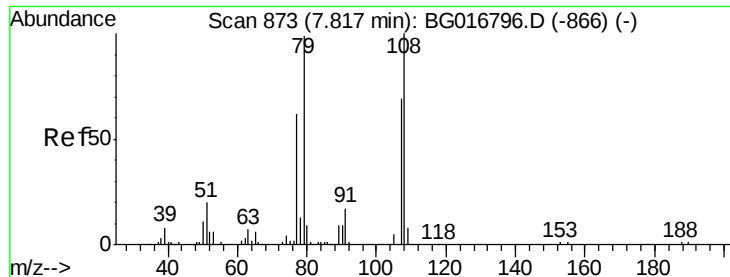
Tgt Ion:146 Resp: 155677
 Ion Ratio Lower Upper
 146 100
 148 61.6 51.3 76.9
 111 37.8 27.6 41.4



#14
 1,2-Dichlorobenzene
 Concen: 41.76 ng
 RT: 7.79 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: BG016837.D
 Acq: 1 May 2015 6:35

Tgt Ion:146 Resp: 154992
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.3 78.5
 111 42.6 31.7 47.5





#15

Benzyl Alcohol

Concen: 47.83 ng

RT: 7.71 min Scan# 854

Delta R.T. 0.00 min

Lab File: BG016837.D

Acq: 1 May 2015 6:35

Instrument :

BNA_F

ClientSampleId :

PB83017BS

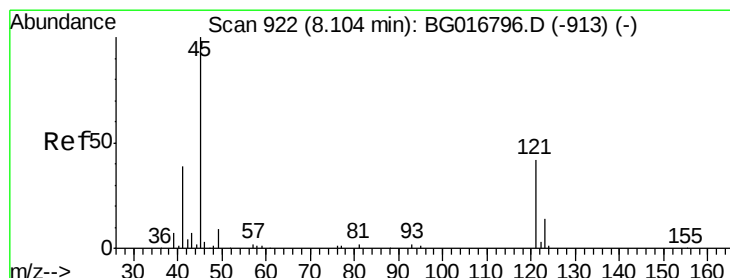
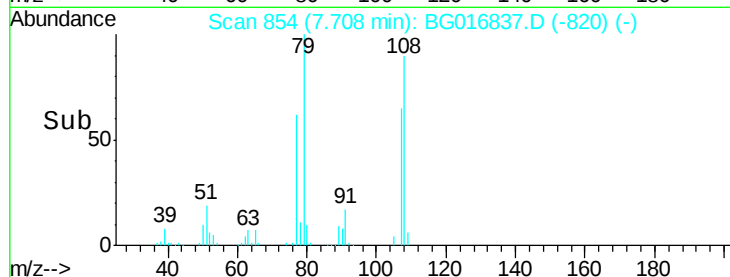
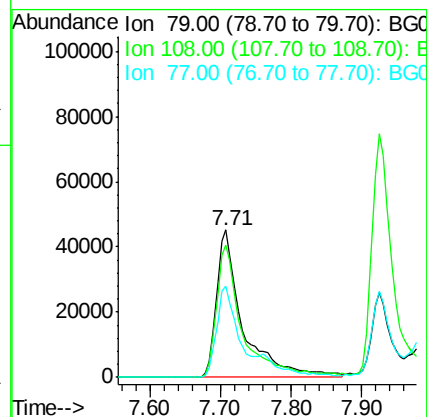
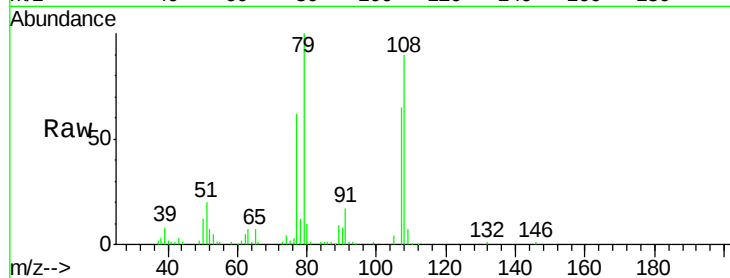
Tgt Ion: 79 Resp: 117122

Ion Ratio Lower Upper

79 100

108 90.1 80.6 121.0

77 62.4 50.2 75.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 52.57 ng

RT: 7.99 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG016837.D

Acq: 1 May 2015 6:35

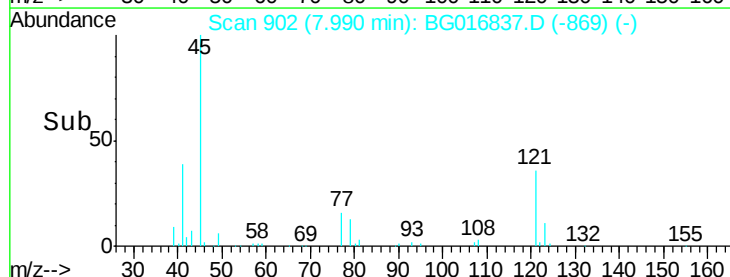
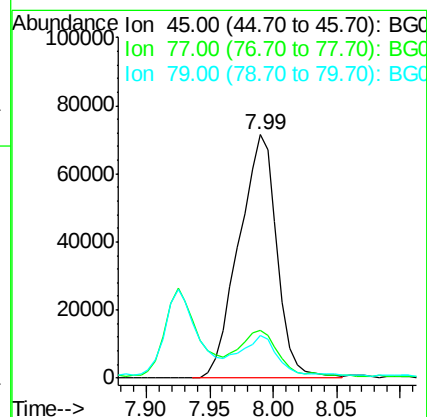
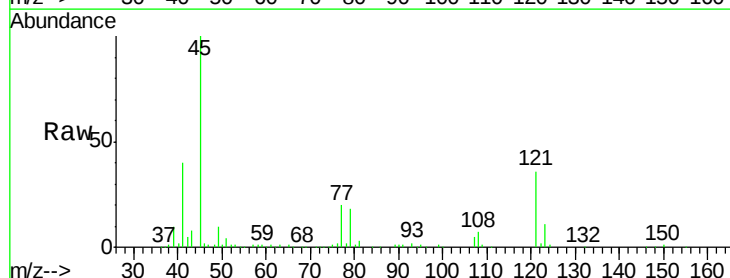
Tgt Ion: 45 Resp: 149190

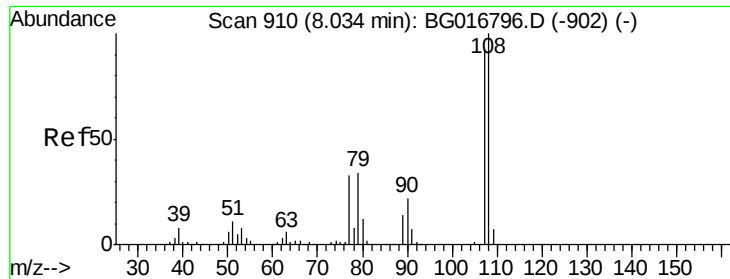
Ion Ratio Lower Upper

45 100

77 19.6 0.0 37.7

79 17.6 0.0 35.2

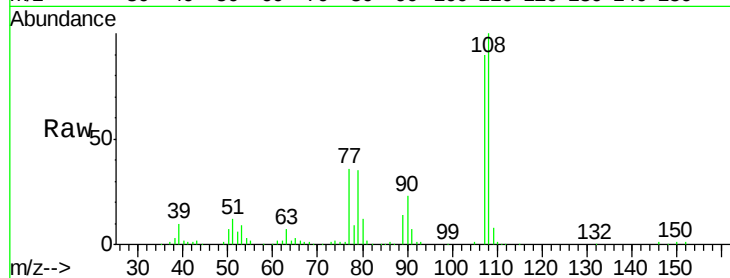




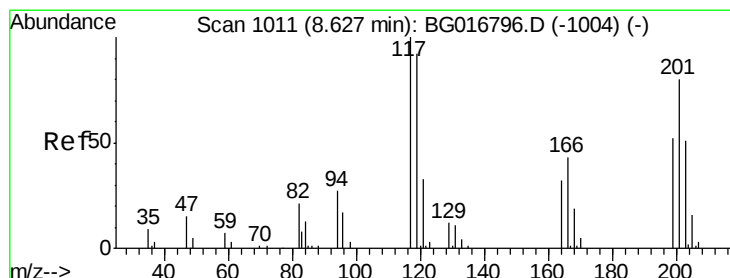
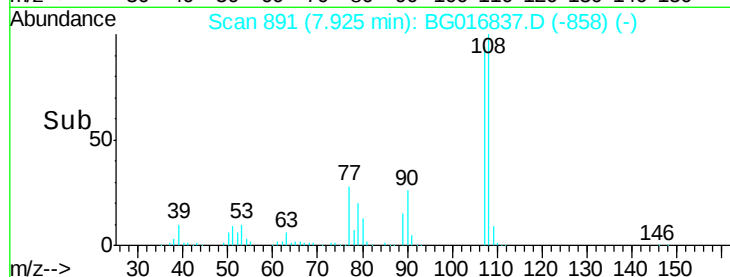
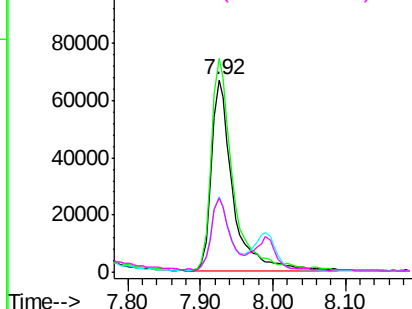
#17
2-Methylphenol
Concen: 46.93 ng
RT: 7.92 min Scan# 891
Delta R.T. -0.00 min
Lab File: BG016837.D
Acq: 1 May 2015 6:35

Instrument :
BNA_F
ClientSampleId :
PB83017BS

Tgt Ion:107 Resp: 136225
Ion Ratio Lower Upper
107 100
108 110.9 86.6 130.0
77 39.5 28.4 42.6
79 38.8 29.8 44.6

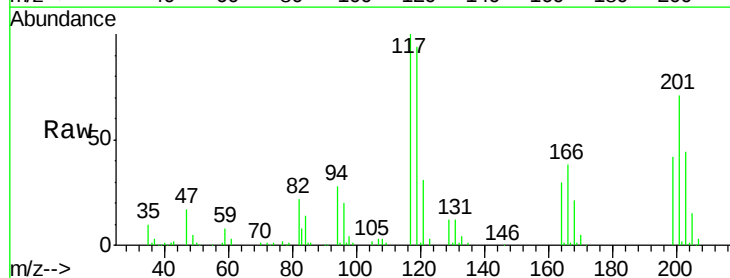


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

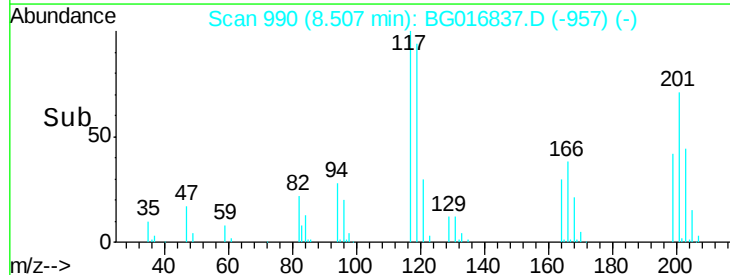
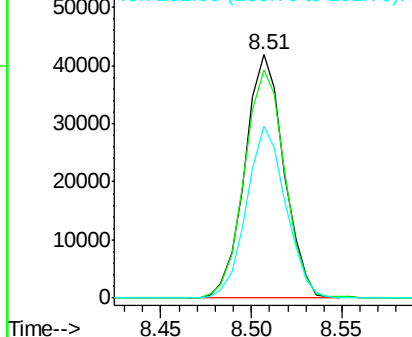


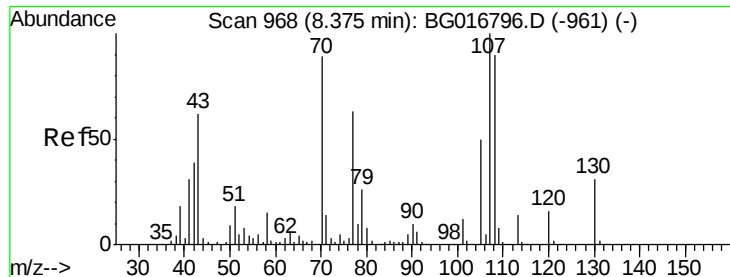
#18
Hexachloroethane
Concen: 45.89 ng
RT: 8.51 min Scan# 990
Delta R.T. -0.00 min
Lab File: BG016837.D
Acq: 1 May 2015 6:35

Tgt Ion:117 Resp: 62721
Ion Ratio Lower Upper
117 100
119 93.6 74.0 111.0
201 70.6 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

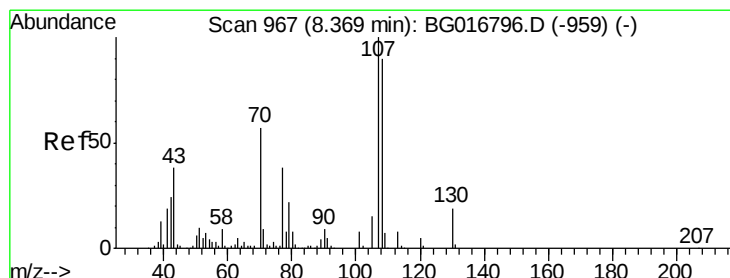
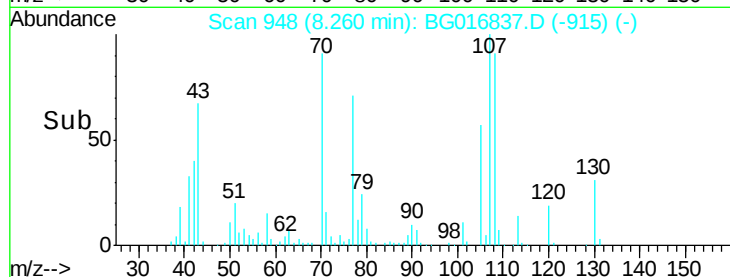
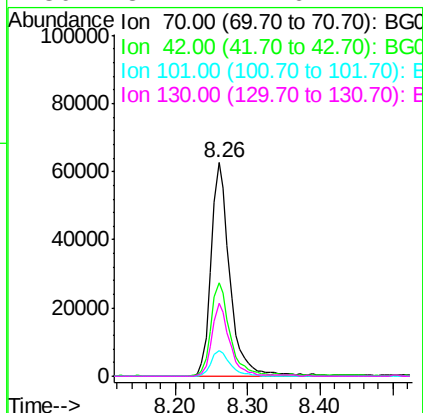
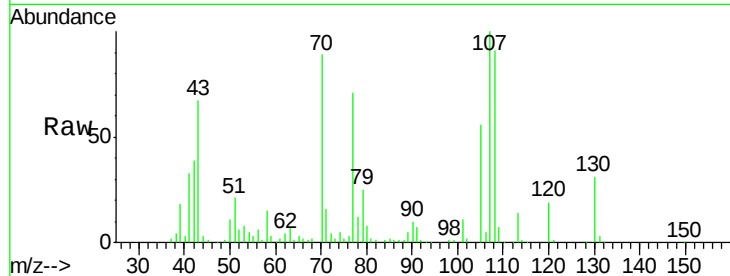




#19
n-Nitroso-di-n-propylamine
Concen: 45.10 ng
RT: 8.26 min Scan# 948
Delta R.T. -0.00 min
Lab File: BG016837.D
Acq: 1 May 2015 6:35

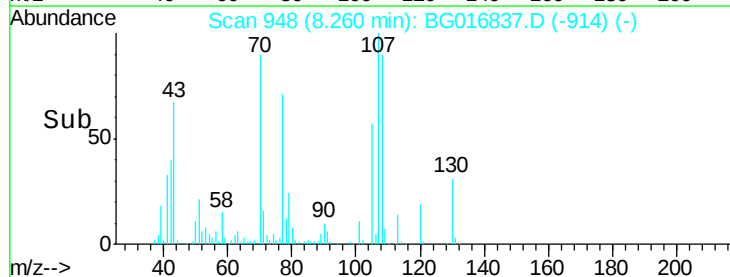
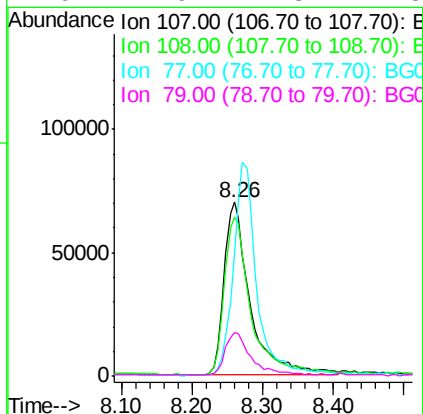
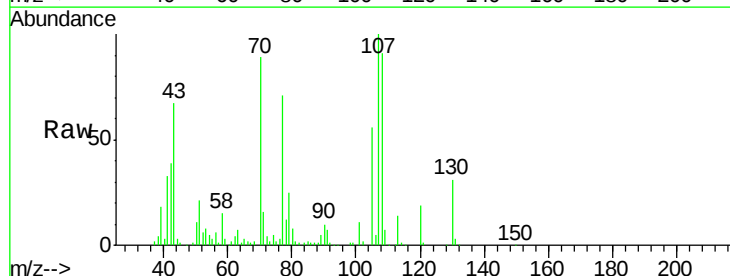
Instrument :
BNA_F
ClientSampleId :
PB83017BS

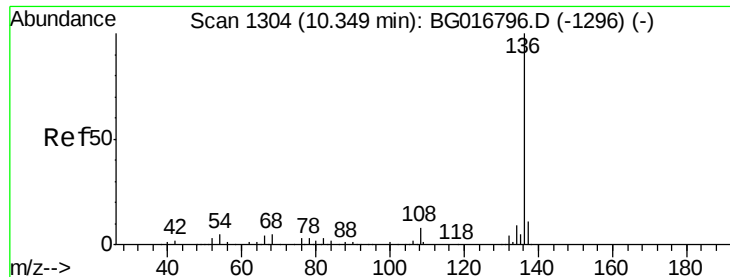
Tgt Ion: 70 Resp: 113265
Ion Ratio Lower Upper
70 100
42 44.0 35.0 52.6
101 11.9 10.9 16.3
130 34.4 27.6 41.4



#20
3+4-Methylphenols
Concen: 45.30 ng
RT: 8.26 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG016837.D
Acq: 1 May 2015 6:35

Tgt Ion: 107 Resp: 180638
Ion Ratio Lower Upper
107 100
108 91.2 70.5 110.5
77 70.7 18.2 58.2#
79 24.9 1.8 41.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.23 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BG016837.D

Acq: 1 May 2015 6:35

Instrument :

BNA_F

ClientSampleId :

PB83017BS

Tgt Ion:136 Resp: 247930

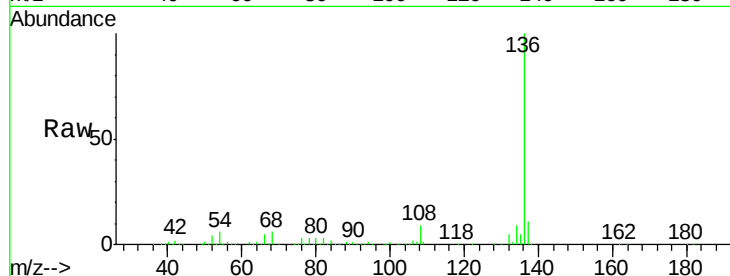
Ion Ratio Lower Upper

136 100

137 11.5 8.6 12.8

54 6.3 4.3 6.5

68 6.0 4.3 6.5

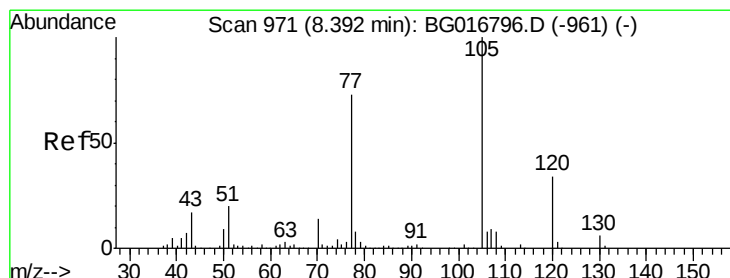
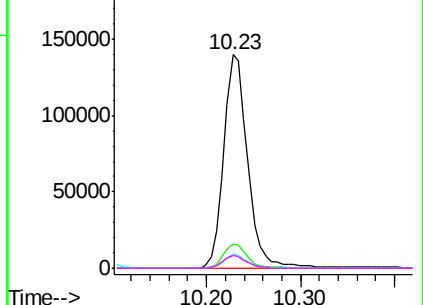
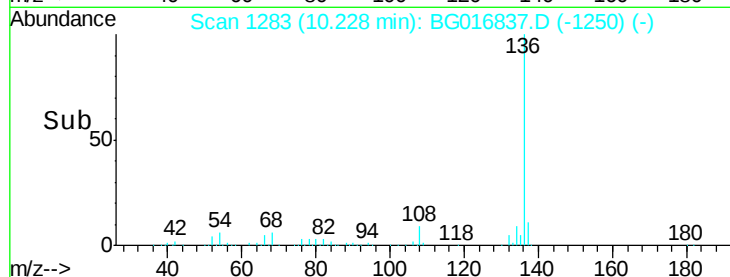


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.41 ng

RT: 8.28 min Scan# 951

Delta R.T. 0.00 min

Lab File: BG016837.D

Acq: 1 May 2015 6:35

Tgt Ion:105 Resp: 206012

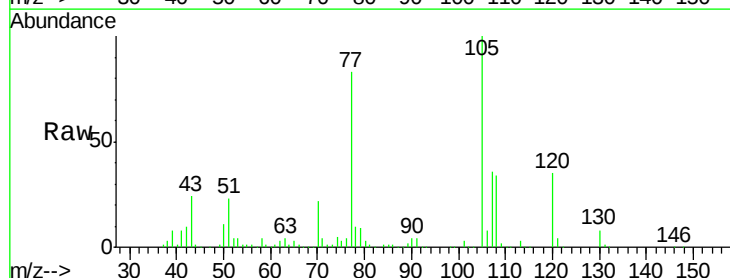
Ion Ratio Lower Upper

105 100

71 3.7 1.9 2.9#

51 23.4 16.1 24.1

120 35.1 26.9 40.3

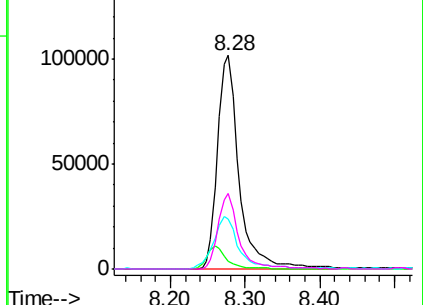
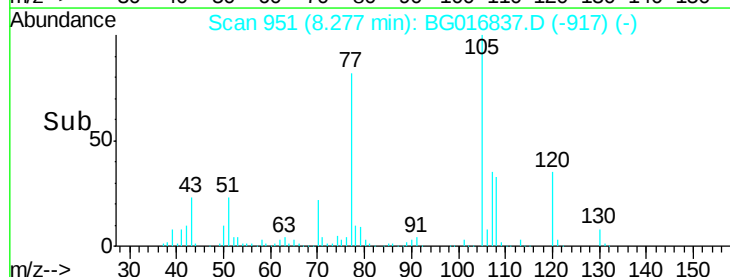


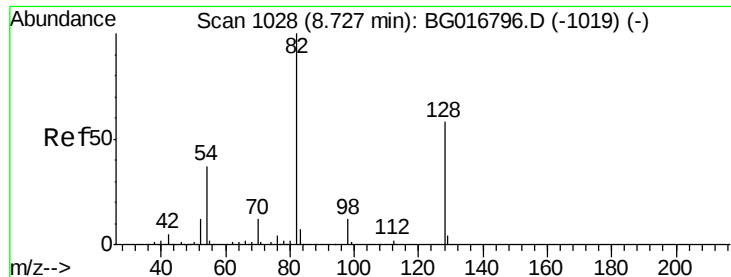
Abundance Ion 105.00 (104.70 to 105.70): E

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

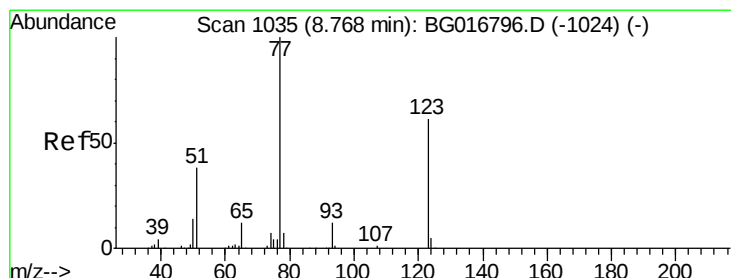
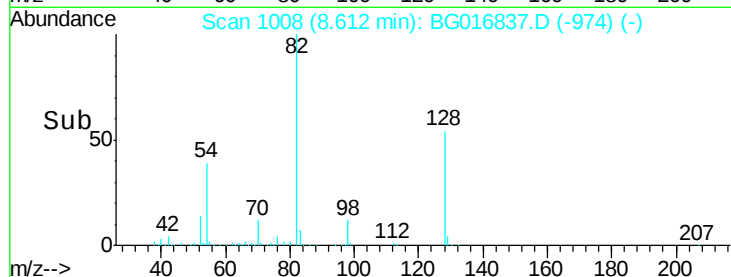
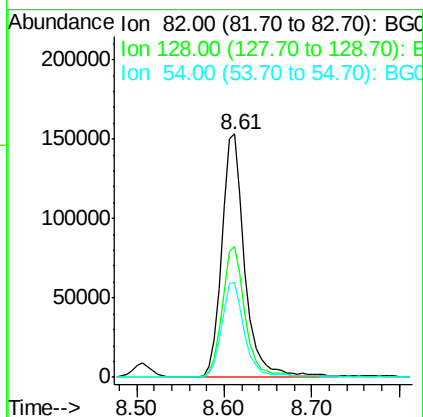
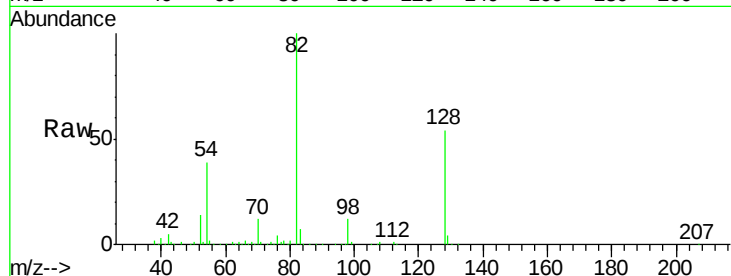




#23
 Nitrobenzene-d5
 Concen: 73.30 ng
 RT: 8.61 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BG016837.D
 Acq: 1 May 2015 6:35

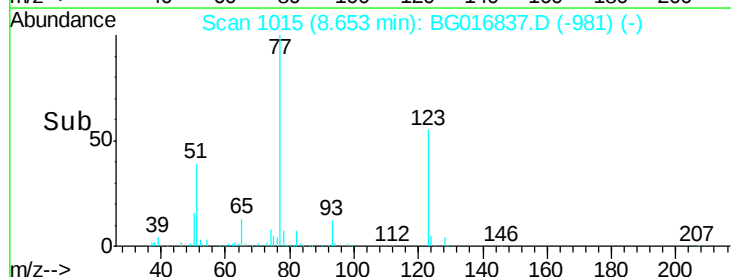
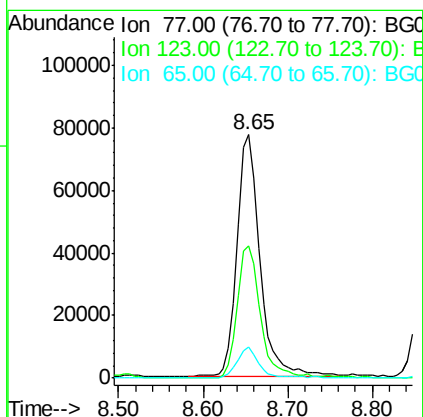
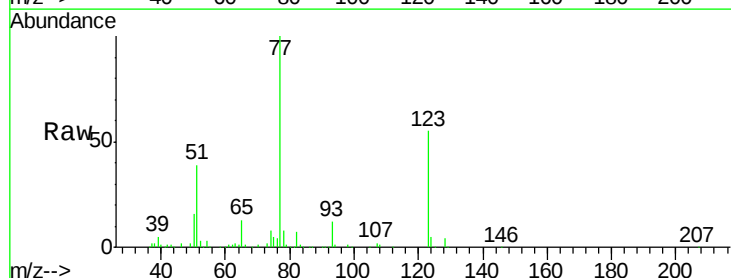
Instrument :
 BNA_F
 ClientSampleId :
 PB83017BS

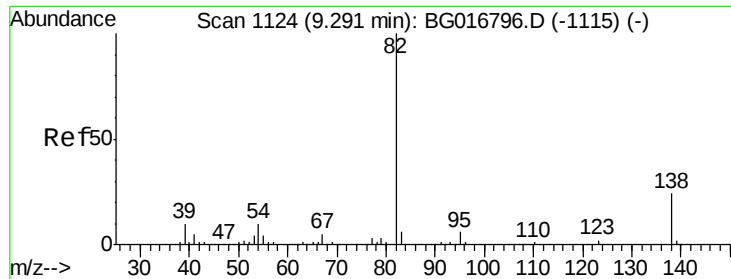
Tgt Ion	Ratio	Lower	Upper
82	100		
128	54.0	46.3	69.5
54	38.9	30.0	45.0



#24
 Nitrobenzene
 Concen: 40.14 ng
 RT: 8.65 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: BG016837.D
 Acq: 1 May 2015 6:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	54.5	49.0	73.6
65	12.8	9.8	14.8

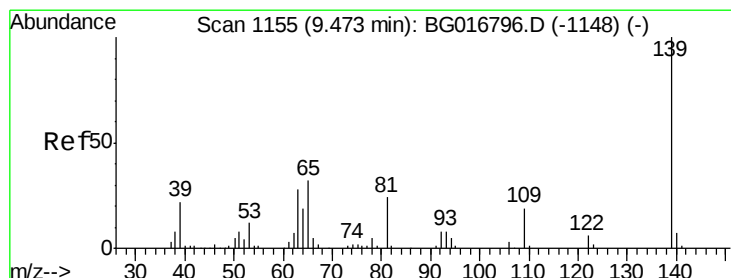
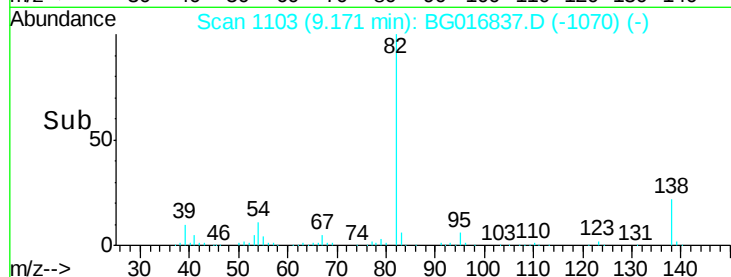
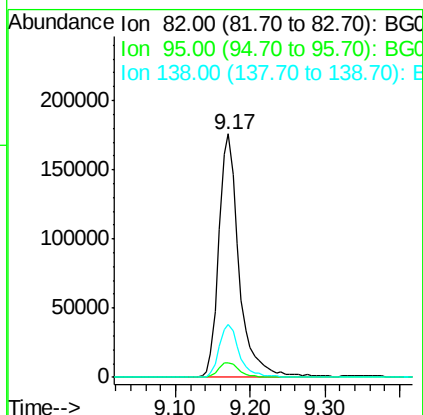
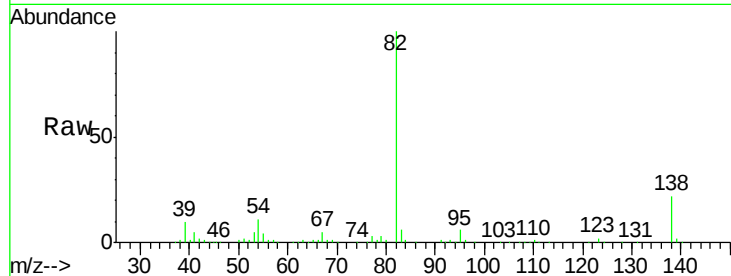




#25
Isophorone
Concen: 43.37 ng
RT: 9.17 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BG016837.D
Acq: 1 May 2015 6:35

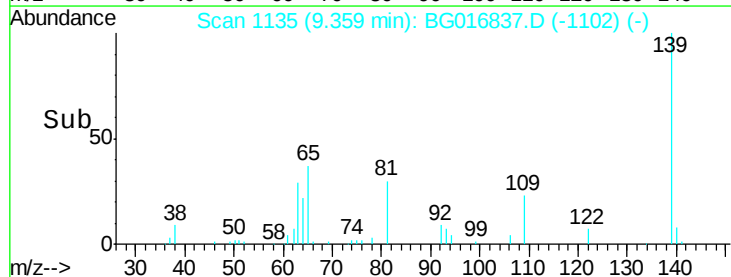
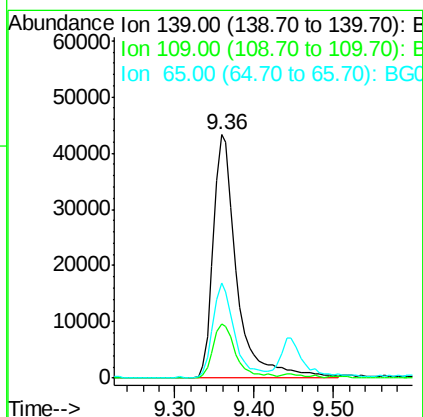
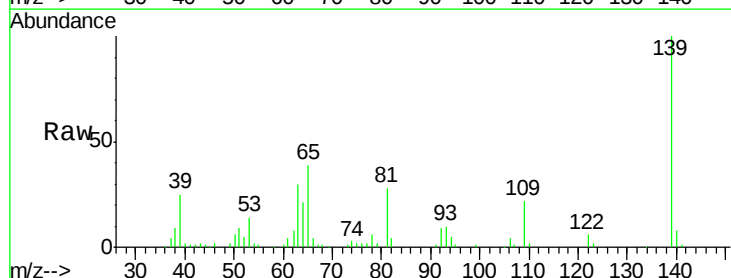
Instrument :
BNA_F
ClientSampleId :
PB83017BS

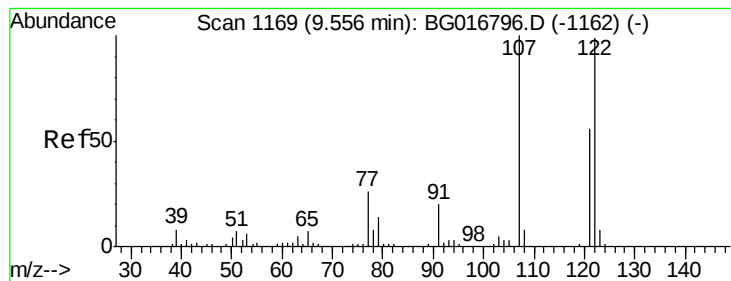
Tgt Ion: 82 Resp: 328652
Ion Ratio Lower Upper
82 100
95 5.9 5.0 7.4
138 21.6 19.6 29.4



#26
2-Nitrophenol
Concen: 39.30 ng
RT: 9.36 min Scan# 1135
Delta R.T. -0.00 min
Lab File: BG016837.D
Acq: 1 May 2015 6:35

Tgt Ion: 139 Resp: 89602
Ion Ratio Lower Upper
139 100
109 22.5 15.1 22.7
65 39.2 25.4 38.2#





#27

2,4-Dimethylphenol

Concen: 43.95 ng

RT: 9.45 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BG016837.D

Acq: 1 May 2015 6:35

Instrument :

BNA_F

ClientSampleId :

PB83017BS

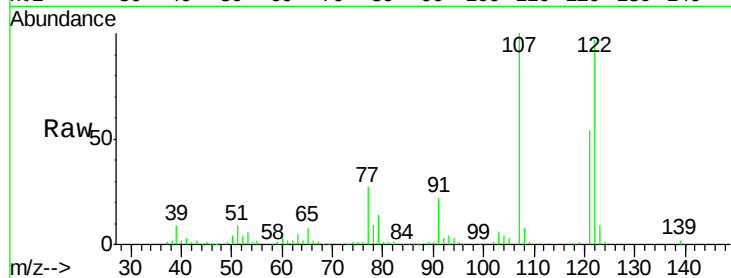
Tgt Ion: 122 Resp: 165784

Ion Ratio Lower Upper

122 100

107 103.6 81.1 121.7

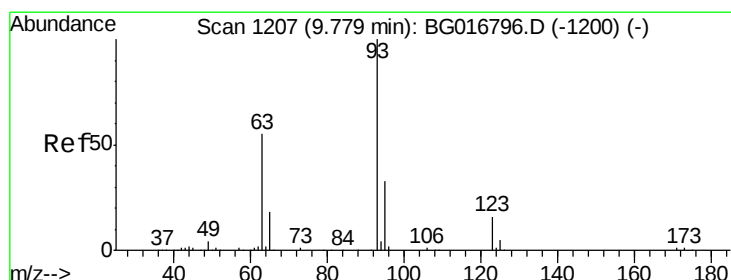
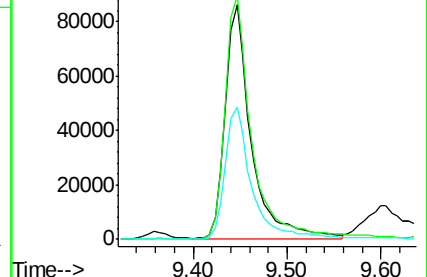
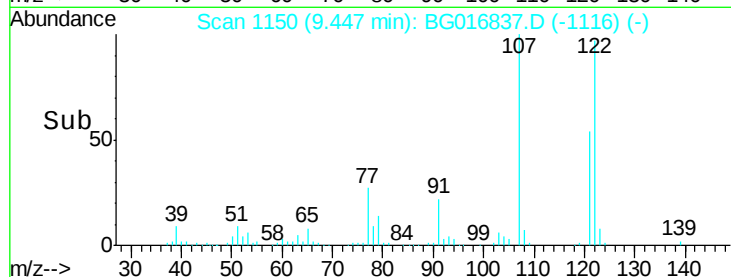
121 56.1 45.7 68.5



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: 42.44 ng

RT: 9.66 min Scan# 1187

Delta R.T. -0.00 min

Lab File: BG016837.D

Acq: 1 May 2015 6:35

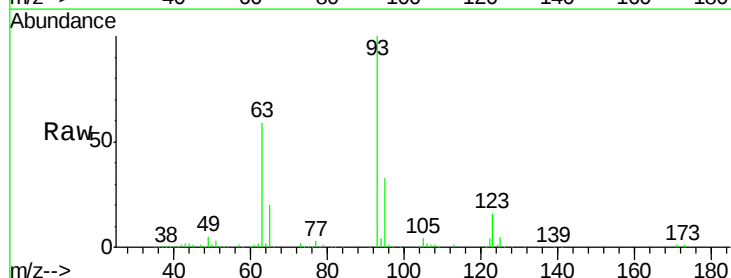
Tgt Ion: 93 Resp: 187445

Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.4

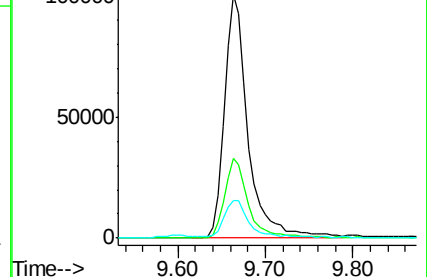
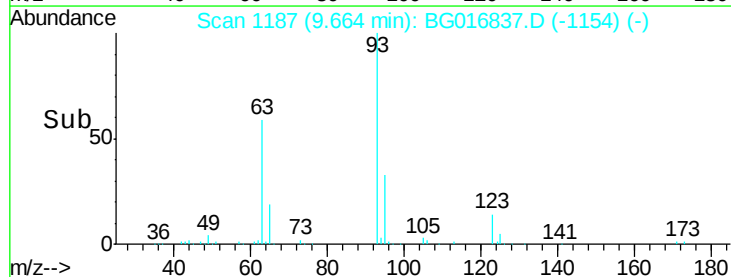
123 15.7 13.5 20.3

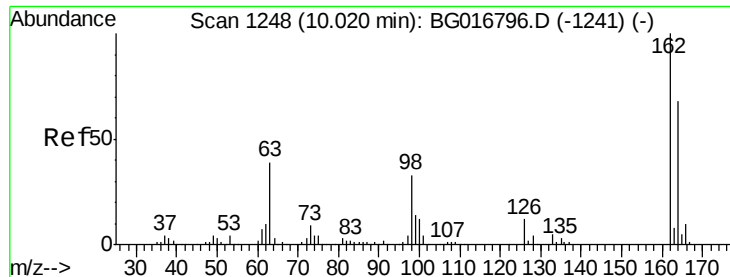


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

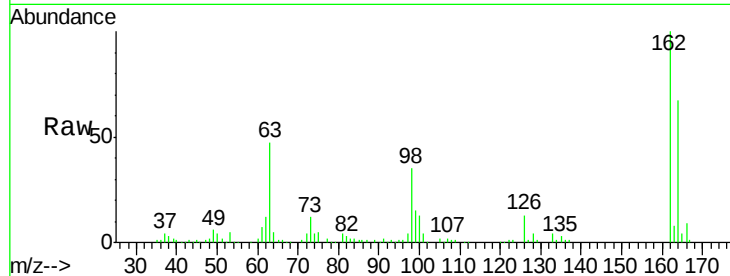




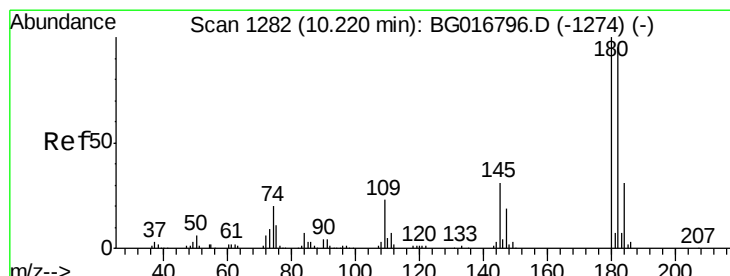
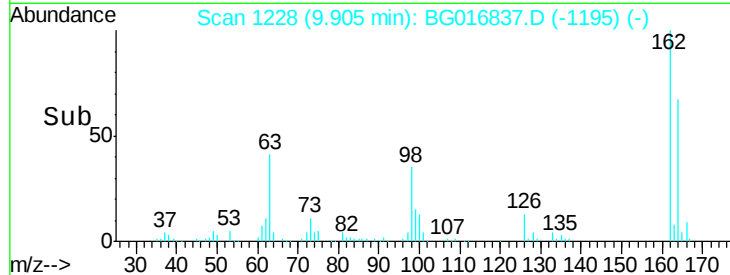
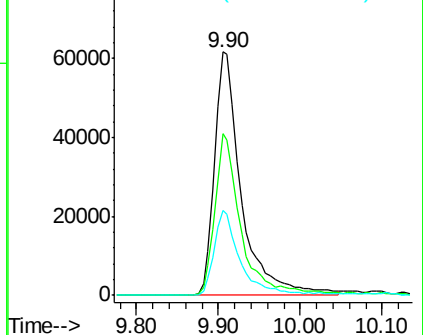
#29
 2,4-Dichlorophenol
 Concen: 43.11 ng
 RT: 9.90 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: BG016837.D
 Acq: 1 May 2015 6:35

Instrument :
 BNA_F
 ClientSampleId :
 PB83017BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.5	47.6	87.6
98	35.0	13.2	53.2

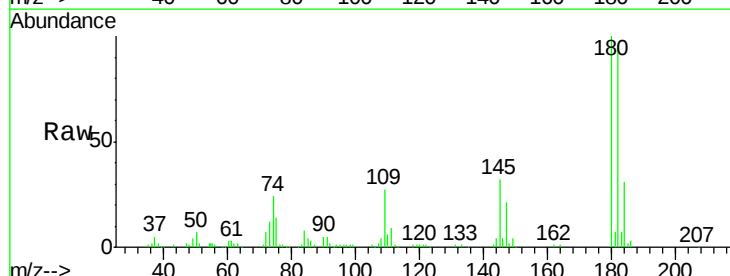


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

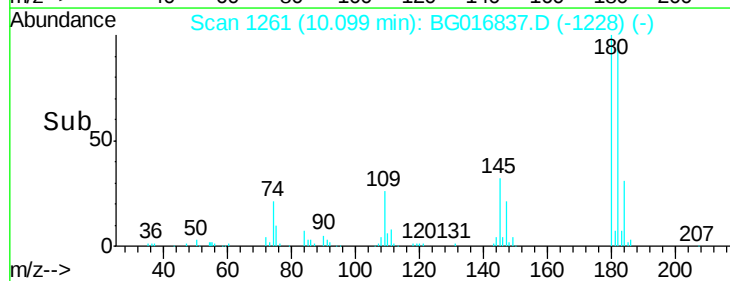
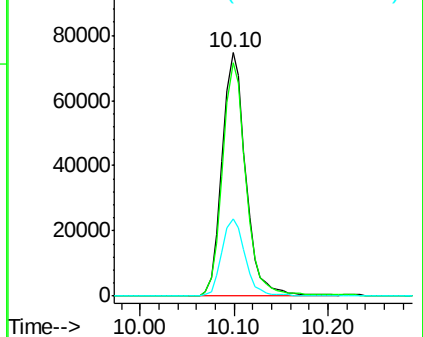


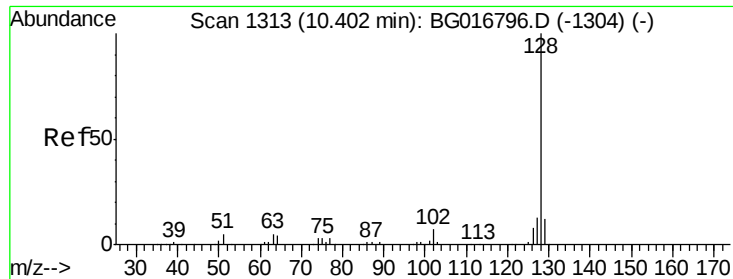
#30
 1,2,4-Trichlorobenzene
 Concen: 37.96 ng
 RT: 10.10 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BG016837.D
 Acq: 1 May 2015 6:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.1	114.1
145	31.9	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

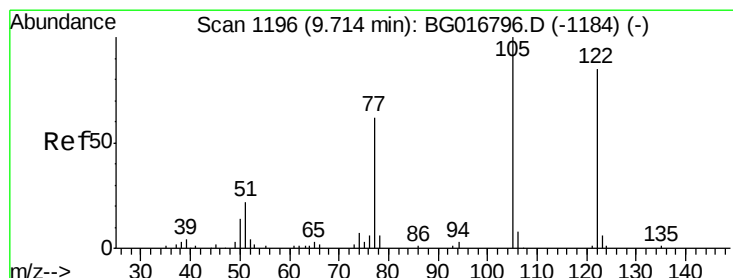
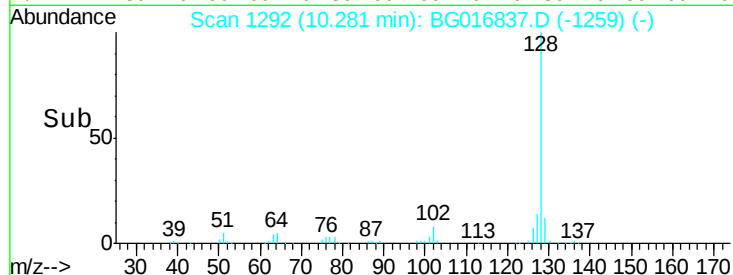
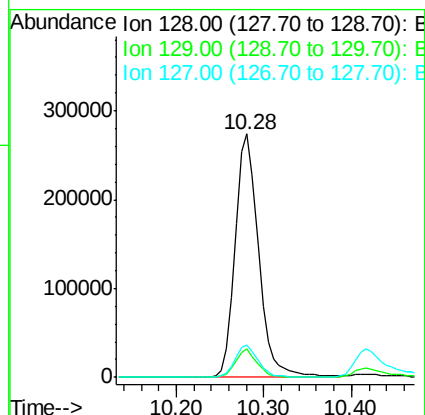
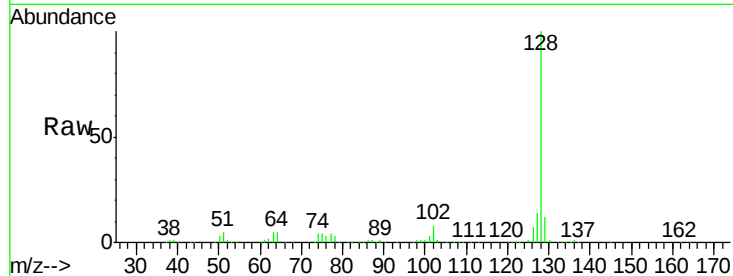




#31
Naphthalene
Concen: 40.33 ng
RT: 10.28 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG016837.D
Acq: 1 May 2015 6:35

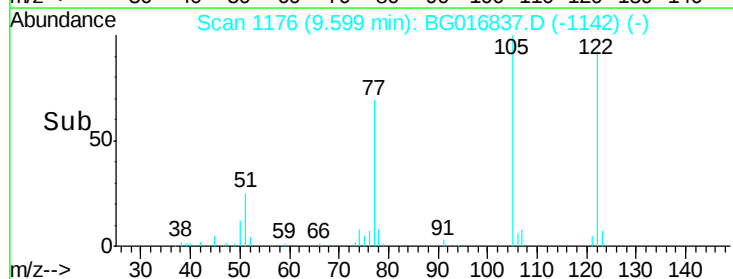
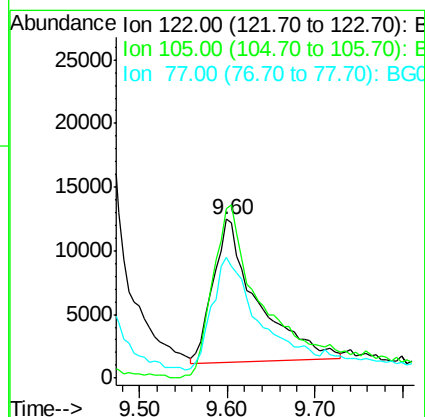
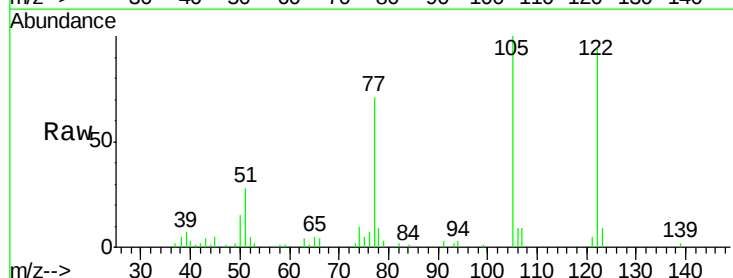
Instrument :
BNA_F
ClientSampleId :
PB83017BS

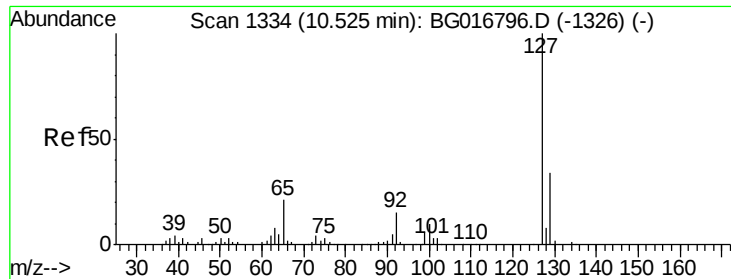
Tgt Ion:128 Resp: 498994
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.0
127 13.5 10.5 15.7



#32
Benzoic acid
Concen: 20.92 ng
RT: 9.60 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BG016837.D
Acq: 1 May 2015 6:35

Tgt Ion:122 Resp: 39145
Ion Ratio Lower Upper
122 100
105 106.6 97.0 137.0
77 76.1 53.1 93.1

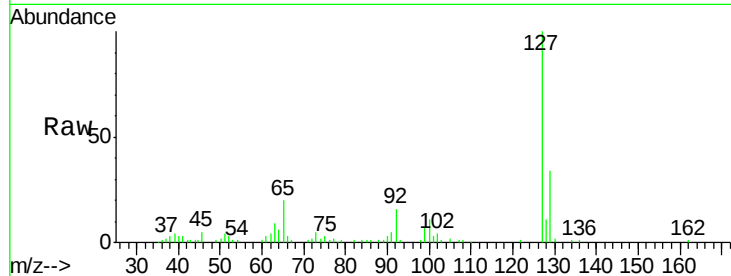




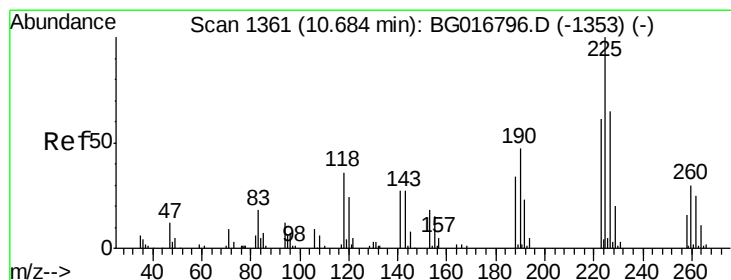
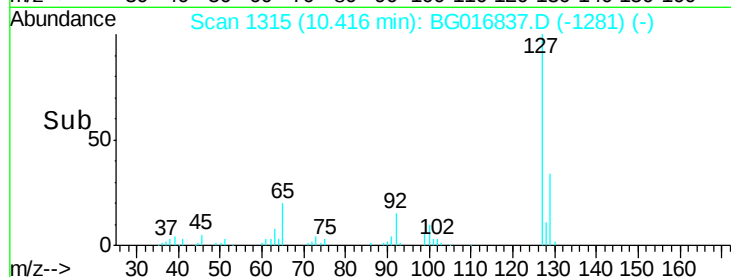
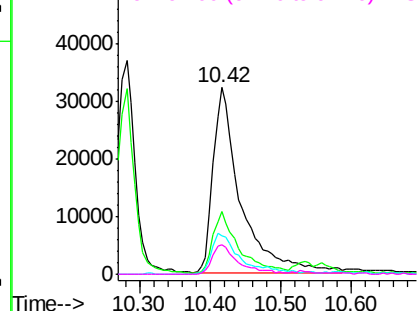
#33
4-Chloroaniline
Concen: 16.20 ng
RT: 10.42 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG016837.D
Acq: 1 May 2015 6:35

Instrument :
BNA_F
ClientSampleId :
PB83017BS

Tgt Ion:	127	Resp:	87084
Ion	Ratio	Lower	Upper
127	100		
129	33.8	27.1	40.7
65	20.4	16.6	25.0
92	15.9	12.4	18.6

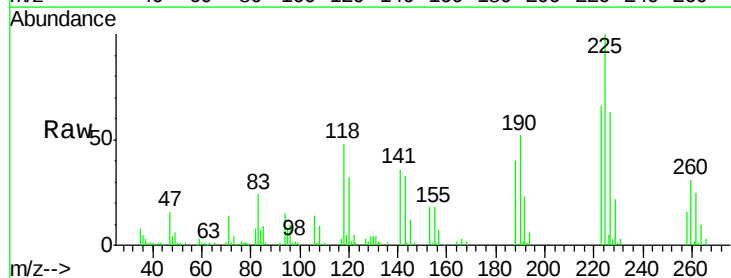


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

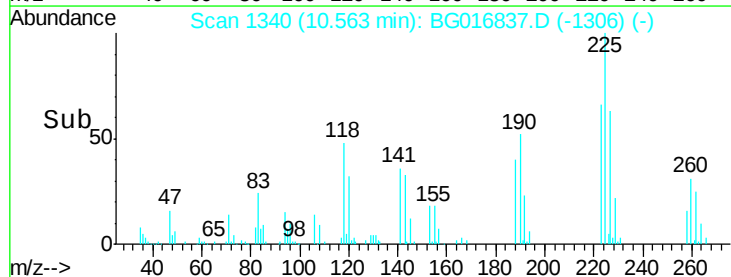
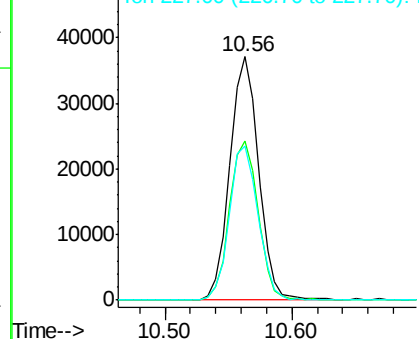


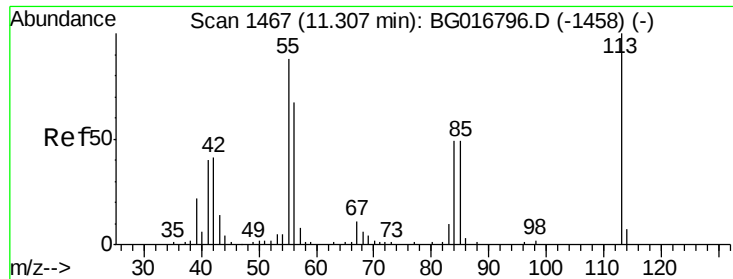
#34
Hexachlorobutadiene
Concen: 36.78 ng
RT: 10.56 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BG016837.D
Acq: 1 May 2015 6:35

Tgt Ion:	225	Resp:	57911
Ion	Ratio	Lower	Upper
225	100		
223	65.6	48.5	72.7
227	63.2	51.6	77.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

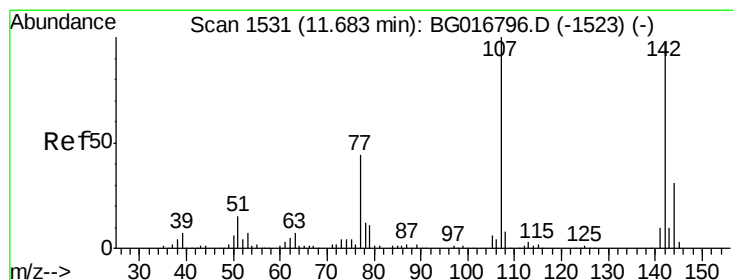
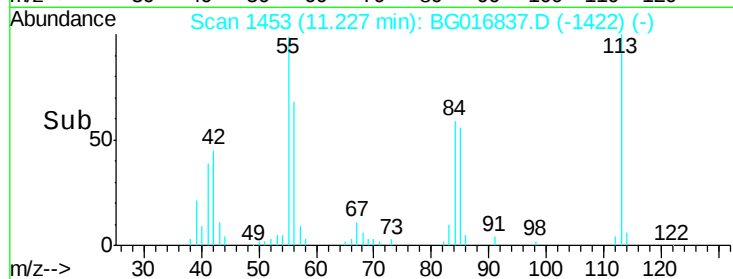
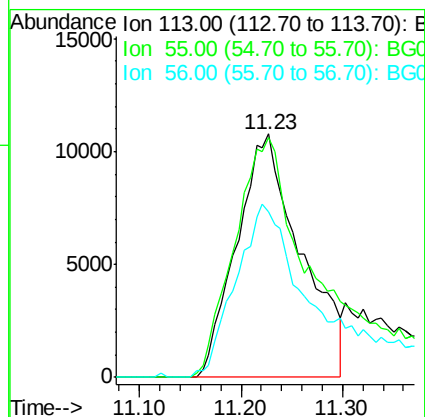
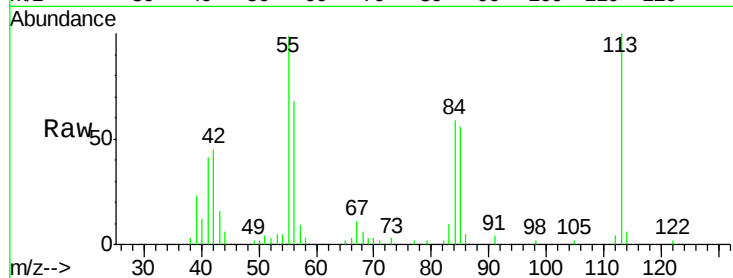




#35
 Caprolactam
 Concen: 26.30 ng
 RT: 11.23 min Scan# 1453
 Delta R.T. -0.02 min
 Lab File: BG016837.D
 Acq: 1 May 2015 6:35

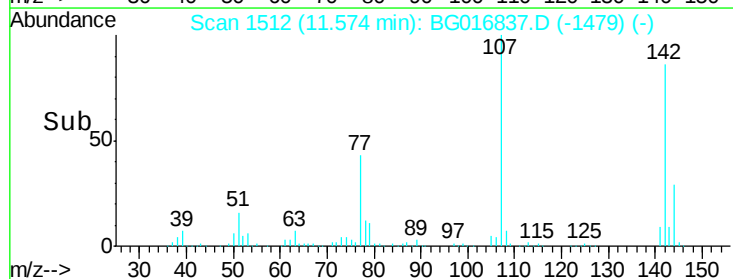
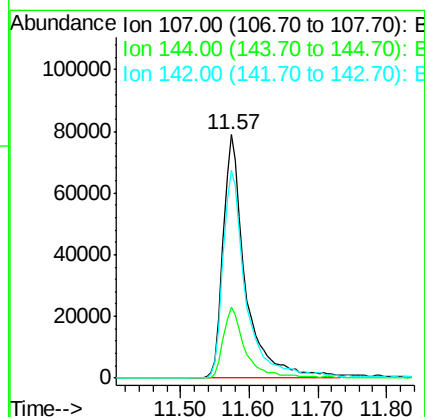
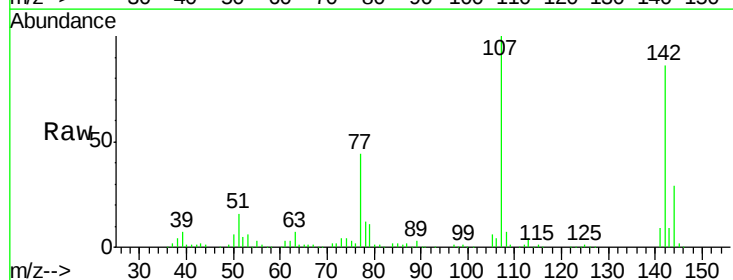
Instrument :
 BNA_F
 ClientSampleId :
 PB83017BS

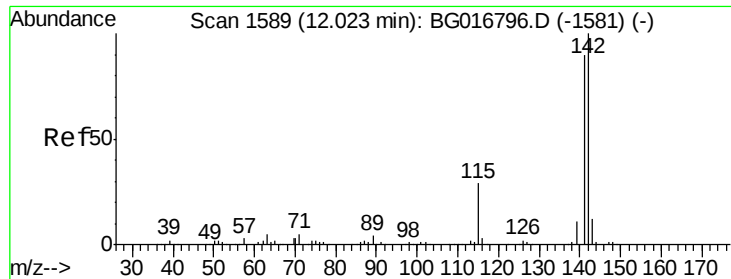
Tgt Ion: 113 Resp: 47278
 Ion Ratio Lower Upper
 113 100
 55 98.6 67.5 107.5
 56 67.9 46.9 86.9



#36
 4-Chloro-3-methylphenol
 Concen: 48.15 ng
 RT: 11.57 min Scan# 1512
 Delta R.T. -0.00 min
 Lab File: BG016837.D
 Acq: 1 May 2015 6:35

Tgt Ion: 107 Resp: 177863
 Ion Ratio Lower Upper
 107 100
 144 29.2 25.0 37.4
 142 85.5 77.8 116.8

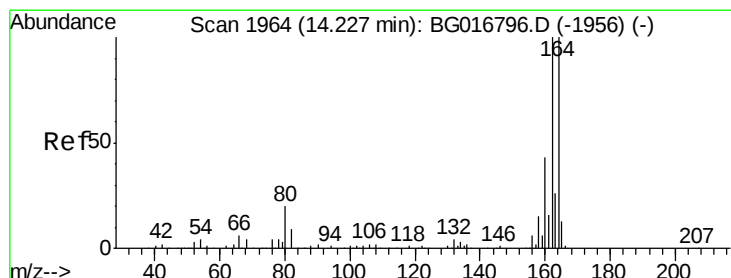
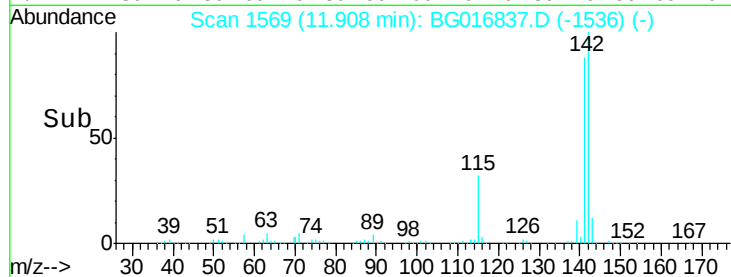
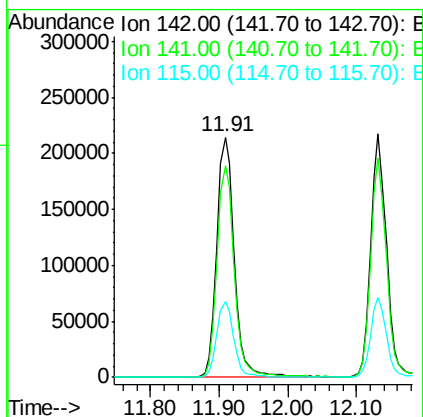
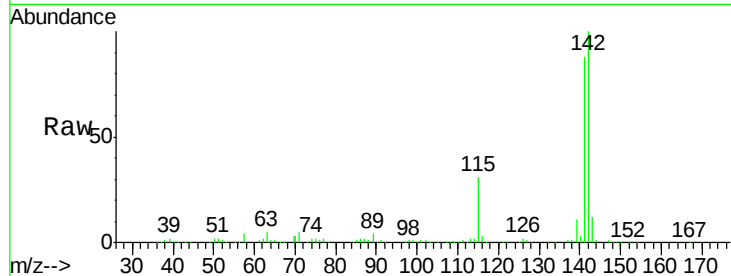




#37
2-Methylnaphthalene
Concen: 41.38 ng
RT: 11.91 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BG016837.D
Acq: 1 May 2015 6:35

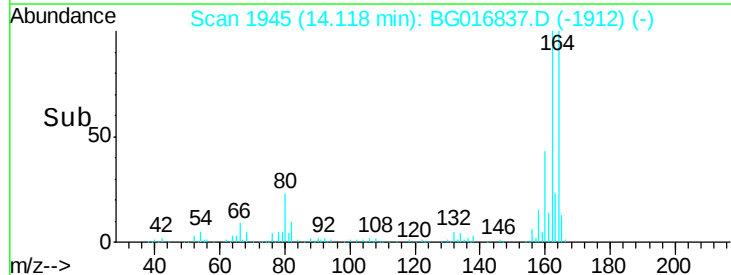
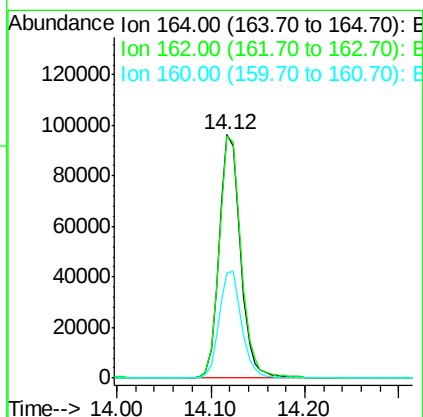
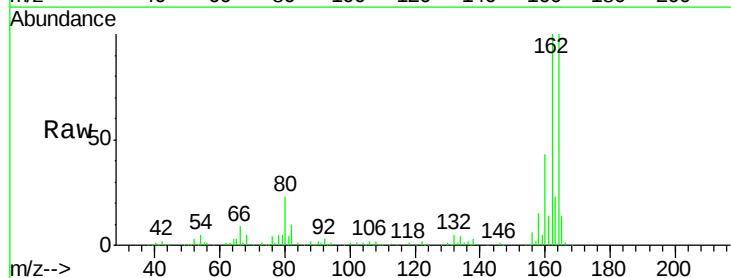
Instrument :
BNA_F
ClientSampleId :
PB83017BS

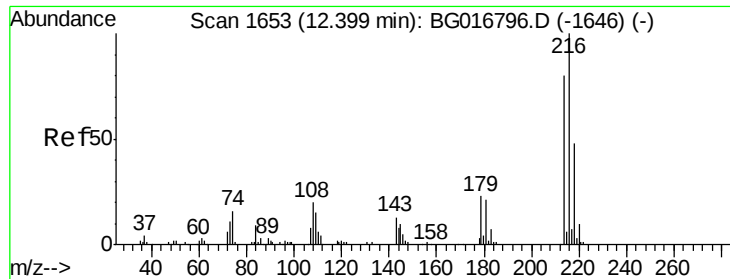
Tgt Ion:142 Resp: 375068
Ion Ratio Lower Upper
142 100
141 88.1 71.8 107.8
115 31.4 23.5 35.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.12 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG016837.D
Acq: 1 May 2015 6:35

Tgt Ion:164 Resp: 152912
Ion Ratio Lower Upper
164 100
162 99.6 80.2 120.4
160 43.5 34.8 52.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.98 ng

RT: 12.29 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BG016837.D

Acq: 1 May 2015 6:35

Instrument :

BNA_F

ClientSampleId :

PB83017BS

Tgt Ion:216 Resp: 128424

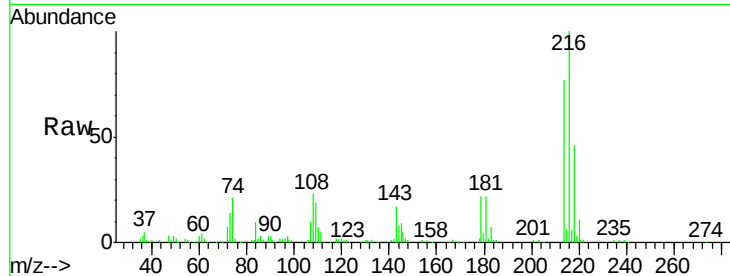
Ion Ratio Lower Upper

216 100

214 79.1 62.6 93.8

179 22.3 17.4 26.2

108 26.7 16.8 25.2#

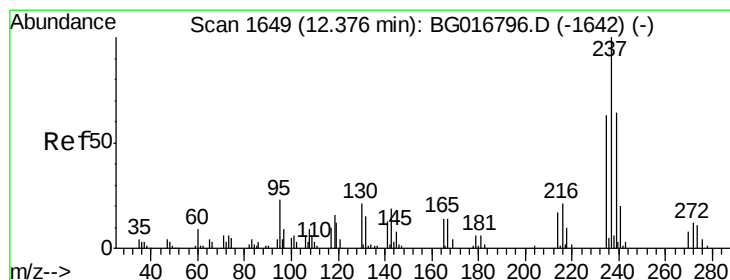
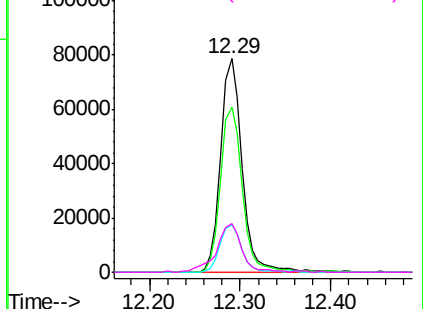
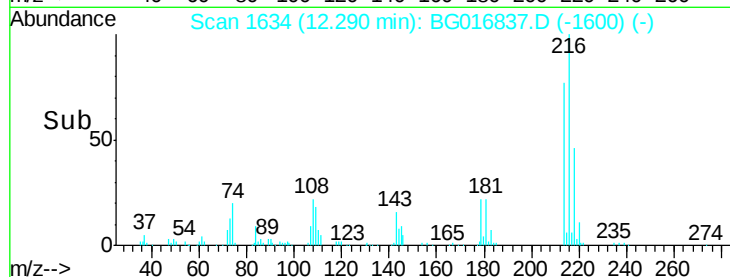


Abundance Ion 216.00 (215.70 to 216.70): E

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: 76.89 ng

RT: 12.26 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BG016837.D

Acq: 1 May 2015 6:35

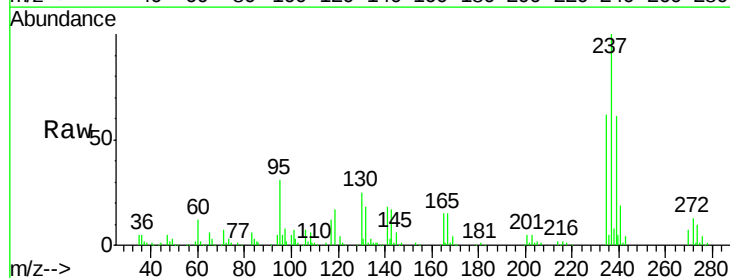
Tgt Ion:237 Resp: 78069

Ion Ratio Lower Upper

237 100

235 62.4 43.4 83.4

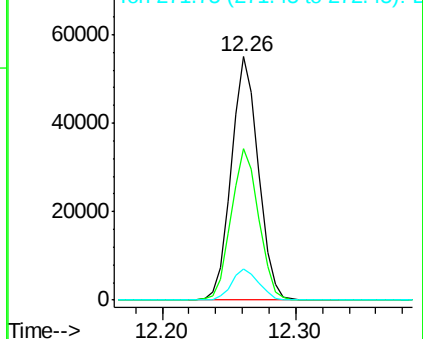
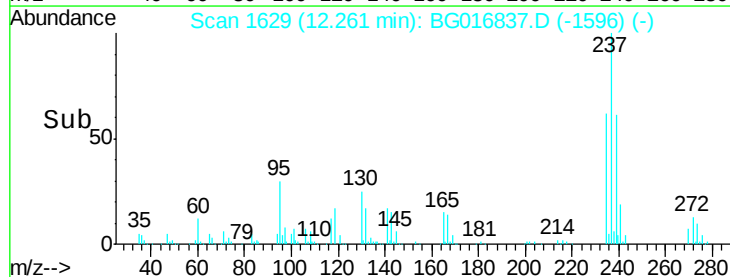
272 12.8 0.0 32.3

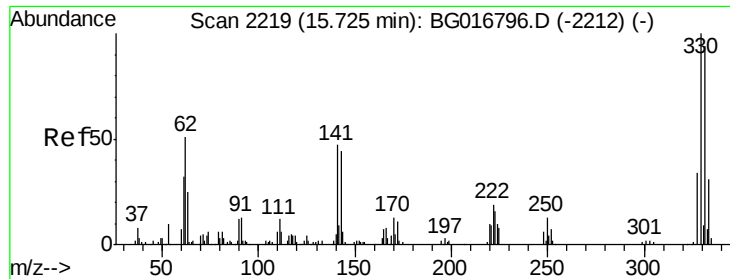


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

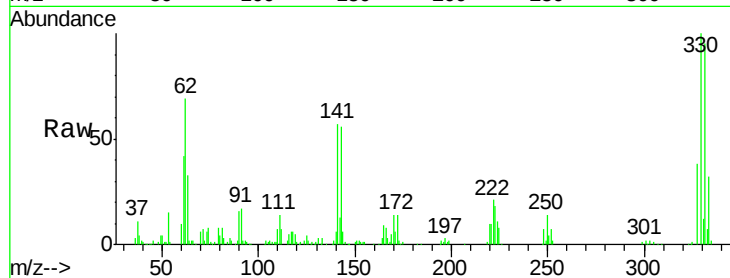




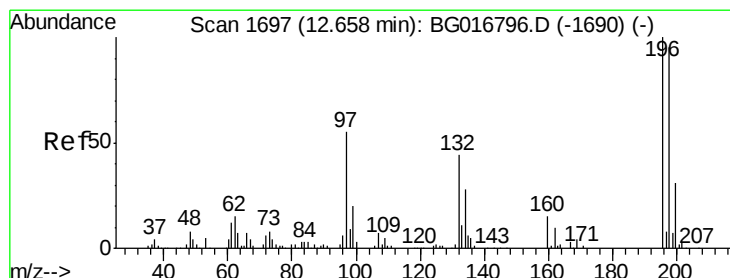
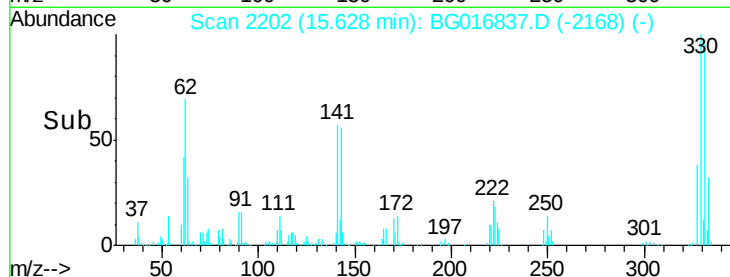
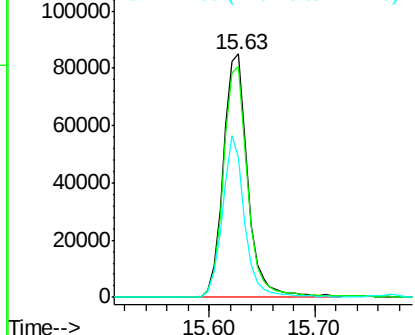
#41
 2,4,6-Tribromophenol
 Concen: 120.04 ng
 RT: 15.63 min Scan# 2202
 Delta R.T. 0.00 min
 Lab File: BG016837.D
 Acq: 1 May 2015 6:35

Instrument :
 BNA_F
 ClientSampleId :
 PB83017BS

Tgt Ion:330 Resp: 136708
 Ion Ratio Lower Upper
 330 100
 332 94.4 75.3 112.9
 141 60.2 40.7 61.1

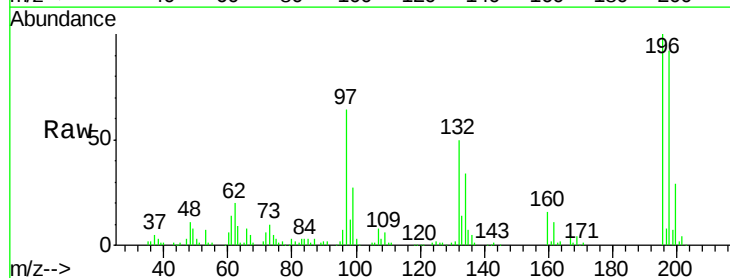


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

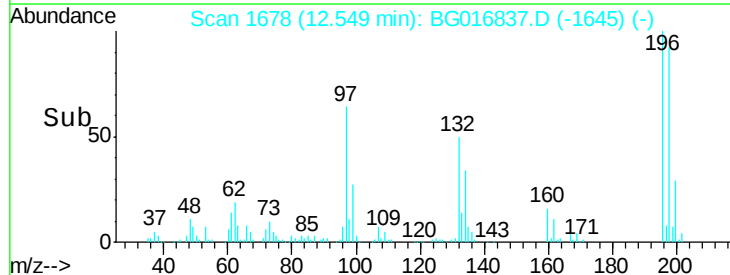
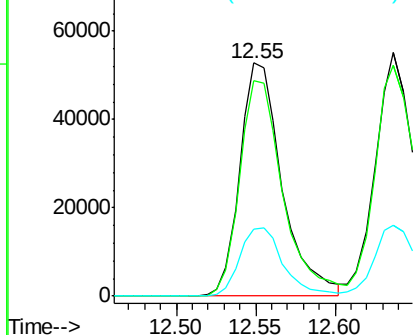


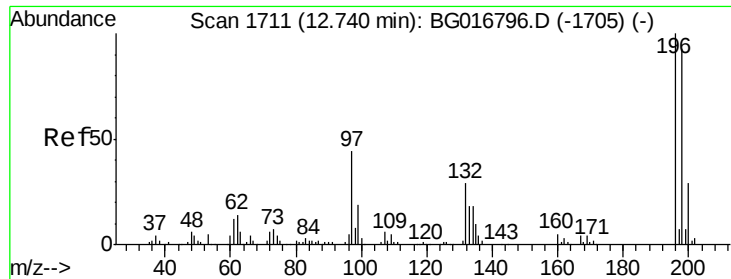
#42
 2,4,6-Trichlorophenol
 Concen: 37.26 ng
 RT: 12.55 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: BG016837.D
 Acq: 1 May 2015 6:35

Tgt Ion:196 Resp: 97844
 Ion Ratio Lower Upper
 196 100
 198 92.4 75.8 113.6
 200 28.8 25.0 37.6



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





#43

2,4,5-Trichlorophenol

Concen: 40.69 ng

RT: 12.64 min Scan# 1693

Delta R.T. 0.00 min

Lab File: BG016837.D

Acq: 1 May 2015 6:35

Instrument :

BNA_F

ClientSampleId :

PB83017BS

Tgt Ion:196 Resp: 108390

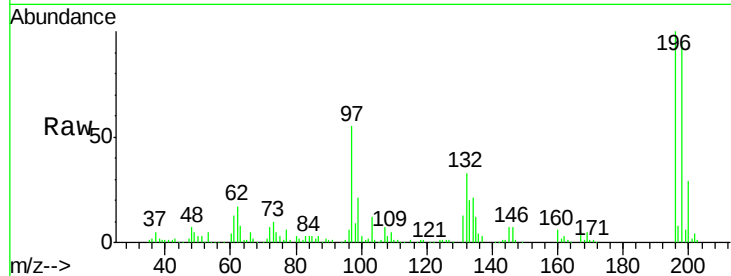
Ion Ratio Lower Upper

196 100

198 94.7 74.2 111.2

97 54.9 35.3 52.9#

132 32.8 23.4 35.2

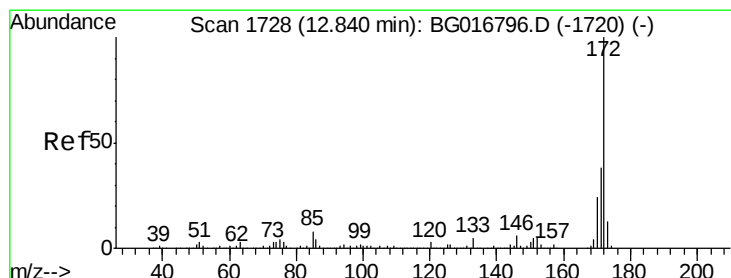
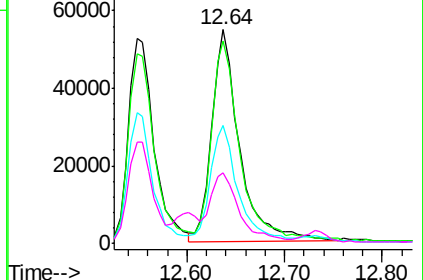
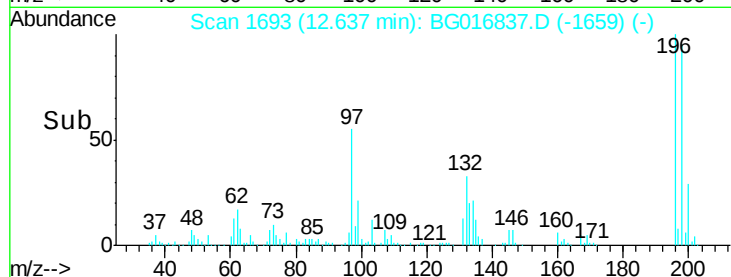


Abundance Ion 196.00 (195.70 to 196.70): E

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: 72.05 ng

RT: 12.73 min Scan# 1709

Delta R.T. -0.00 min

Lab File: BG016837.D

Acq: 1 May 2015 6:35

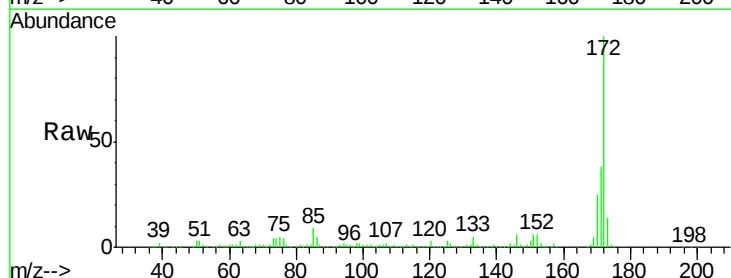
Tgt Ion:172 Resp: 711626

Ion Ratio Lower Upper

172 100

171 38.2 30.2 45.4

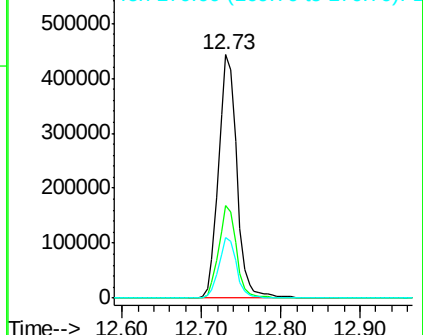
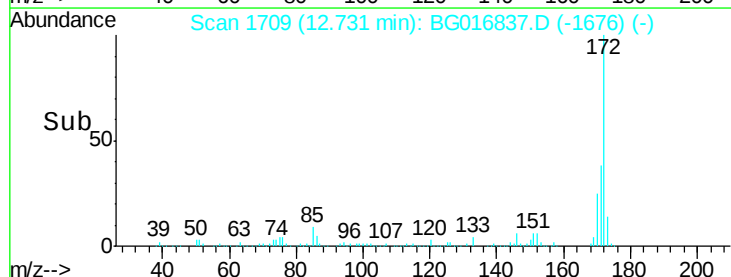
170 24.9 19.4 29.0

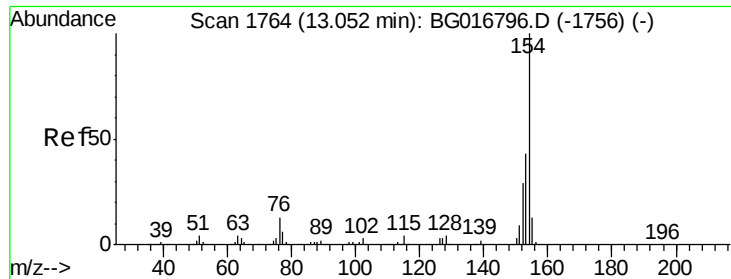


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

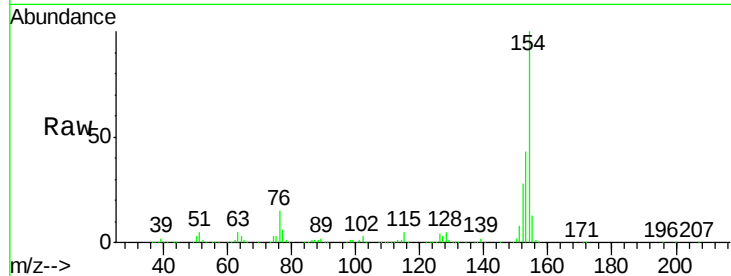




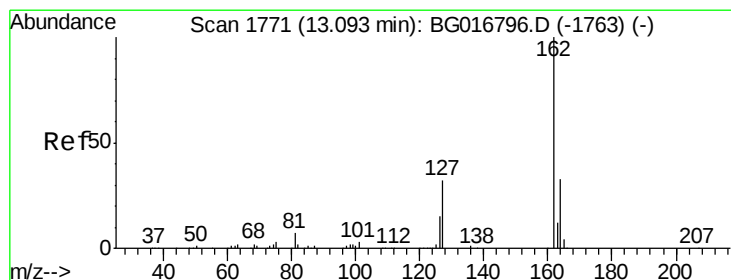
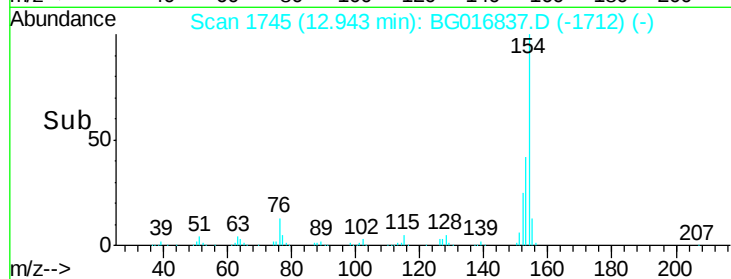
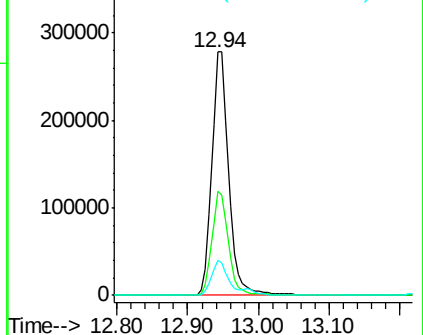
#45
 1,1'-Biphenyl
 Concen: 41.38 ng
 RT: 12.94 min Scan# 1745
 Delta R.T. -0.00 min
 Lab File: BG016837.D
 Acq: 1 May 2015 6:35

Instrument :
 BNA_F
 ClientSampleId :
 PB83017BS

Tgt Ion:154 Resp: 464924
 Ion Ratio Lower Upper
 154 100
 153 42.7 22.7 62.7
 76 14.6 0.0 33.0

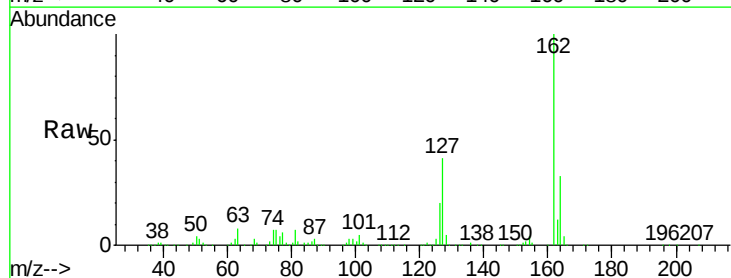


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

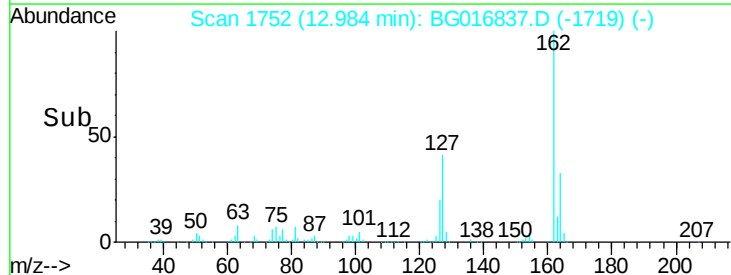
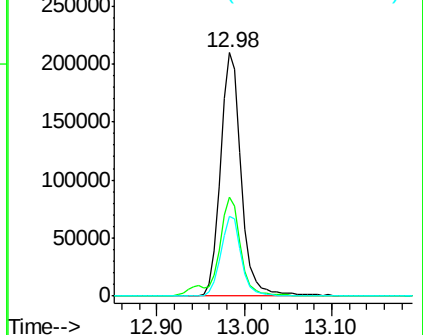


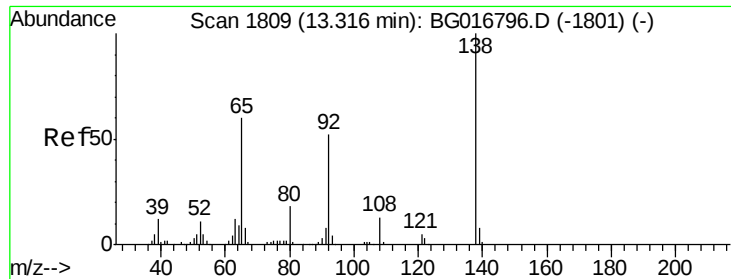
#46
 2-Chloronaphthalene
 Concen: 39.80 ng
 RT: 12.98 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BG016837.D
 Acq: 1 May 2015 6:35

Tgt Ion:162 Resp: 345087
 Ion Ratio Lower Upper
 162 100
 127 40.6 28.2 42.2
 164 33.0 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: 48.11 ng

RT: 13.21 min Scan# 1791

Delta R.T. -0.00 min

Lab File: BG016837.D

Acq: 1 May 2015 6:35

Instrument :

BNA_F

ClientSampleId :

PB83017BS

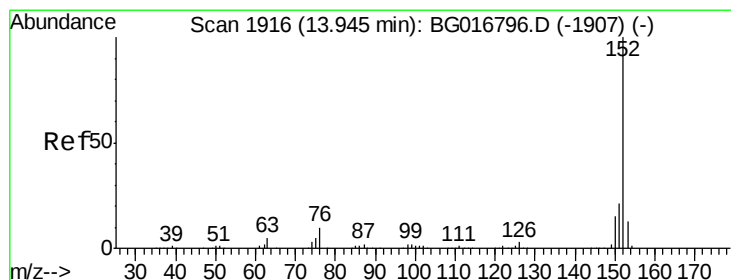
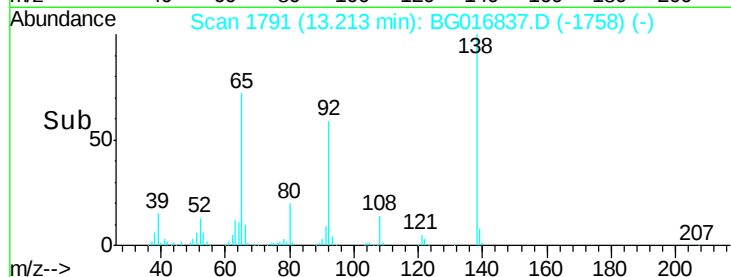
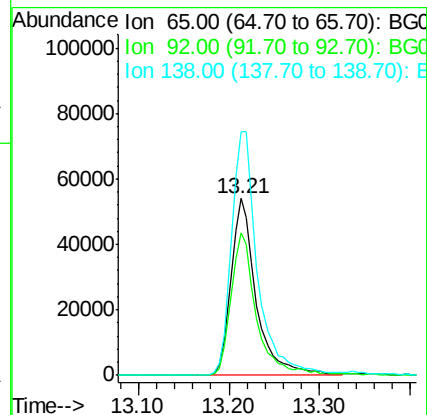
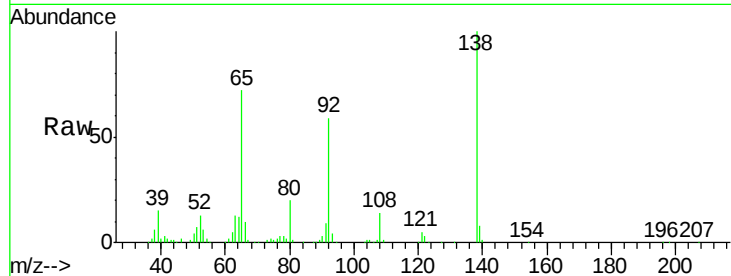
Tgt Ion: 65 Resp: 104168

Ion Ratio Lower Upper

65 100

92 81.1 69.0 103.6

138 138.0 132.4 198.6



#48

Acenaphthylene

Concen: 40.93 ng

RT: 13.84 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BG016837.D

Acq: 1 May 2015 6:35

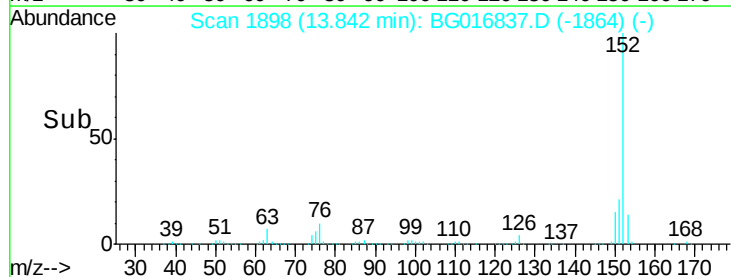
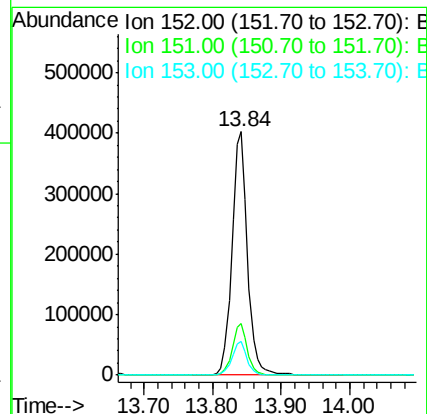
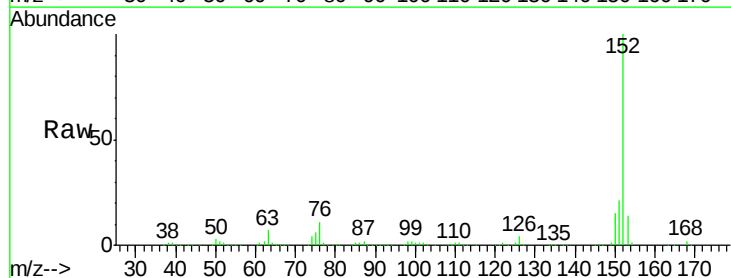
Tgt Ion: 152 Resp: 630844

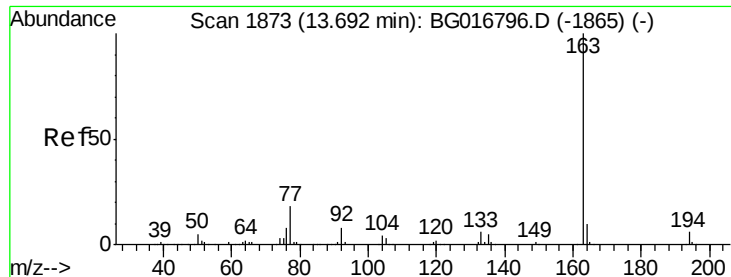
Ion Ratio Lower Upper

152 100

151 21.0 17.0 25.6

153 13.7 10.8 16.2

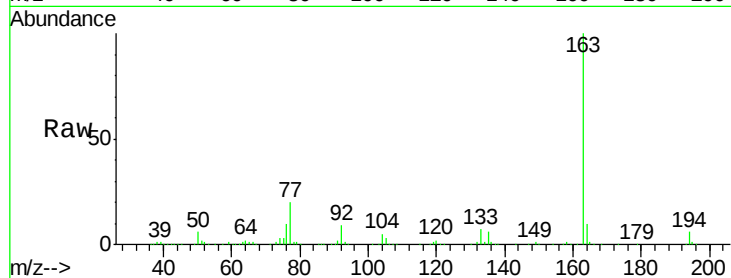




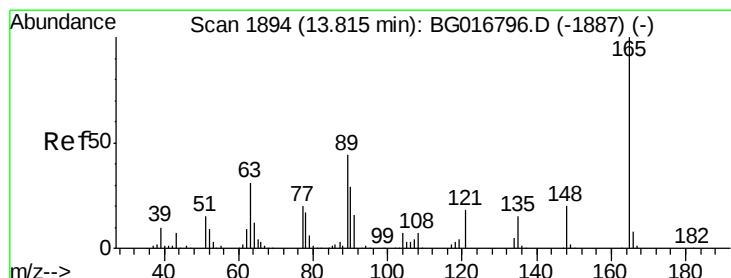
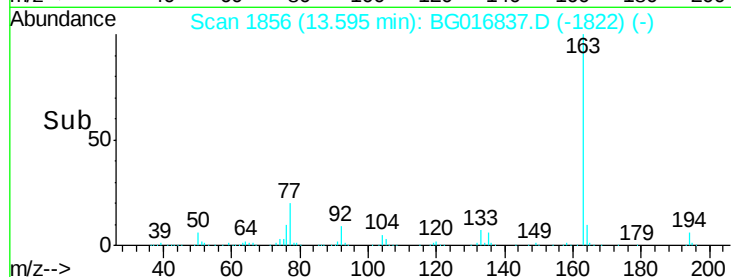
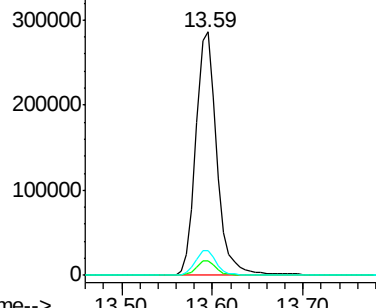
#49
Dimethylphthalate
Concen: 42.04 ng
RT: 13.59 min Scan# 1856
Delta R.T. 0.00 min
Lab File: BG016837.D
Acq: 1 May 2015 6:35

Instrument :
BNA_F
ClientSampleId :
PB83017BS

Tgt Ion:163 Resp: 460809
Ion Ratio Lower Upper
163 100
194 5.9 4.7 7.1
164 10.4 8.2 12.2

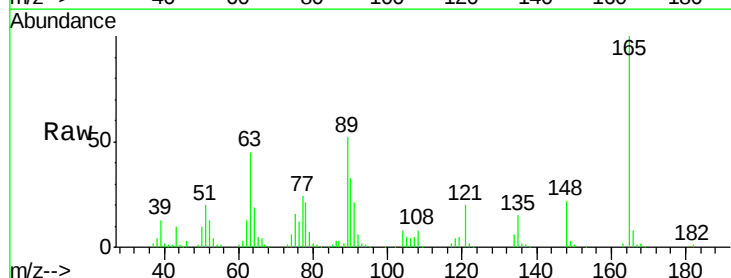


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

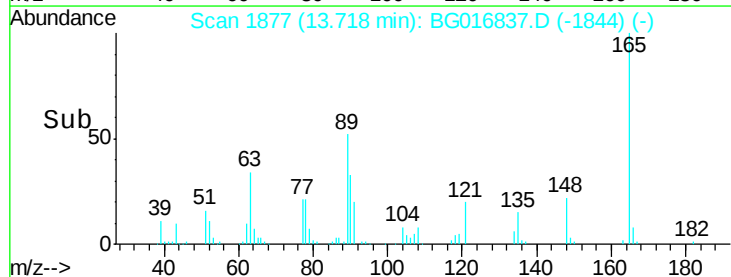
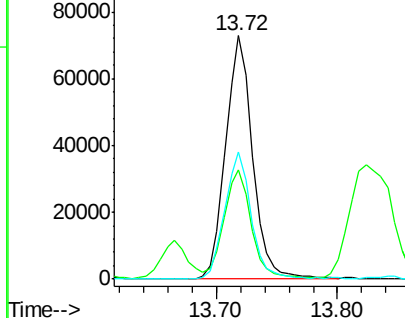


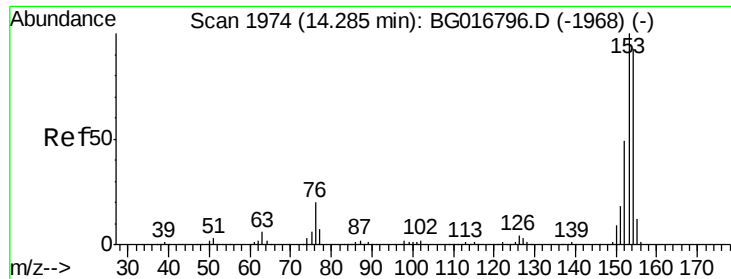
#50
2,6-Dinitrotoluene
Concen: 42.30 ng
RT: 13.72 min Scan# 1877
Delta R.T. -0.00 min
Lab File: BG016837.D
Acq: 1 May 2015 6:35

Tgt Ion:165 Resp: 113521
Ion Ratio Lower Upper
165 100
63 45.0 28.4 42.6#
89 52.5 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: 40.75 ng

RT: 14.18 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BG016837.D

Acq: 1 May 2015 6:35

Instrument :

BNA_F

ClientSampleId :

PB83017BS

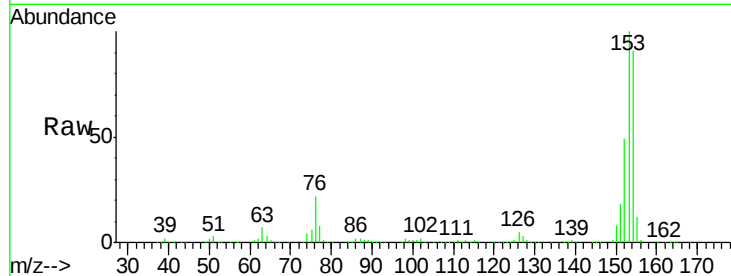
Tgt Ion:154 Resp: 373662

Ion Ratio Lower Upper

154 100

153 109.8 86.4 129.6

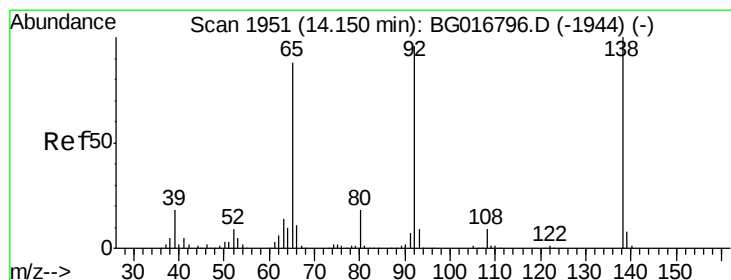
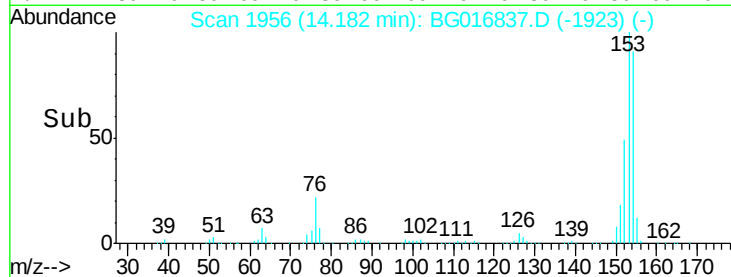
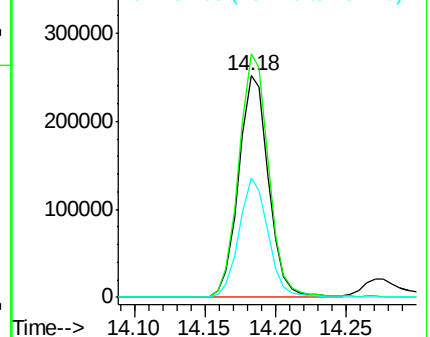
152 54.1 41.9 62.9



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: 26.03 ng

RT: 14.06 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BG016837.D

Acq: 1 May 2015 6:35

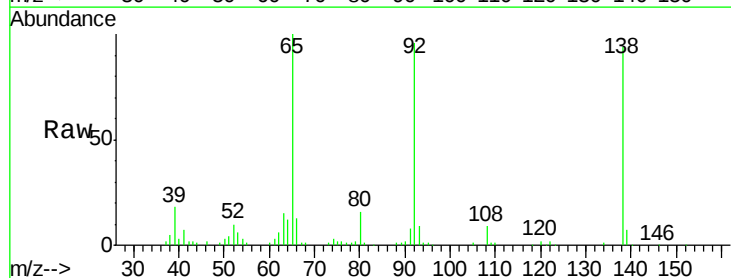
Tgt Ion:138 Resp: 78944

Ion Ratio Lower Upper

138 100

108 9.6 7.2 10.8

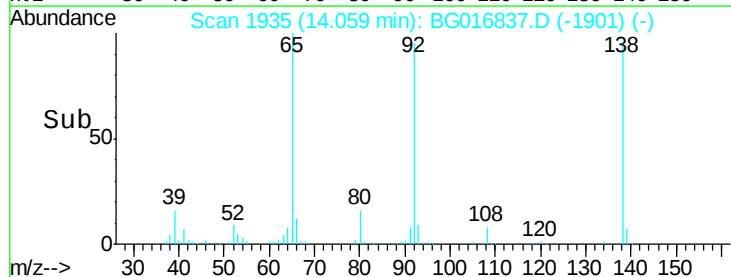
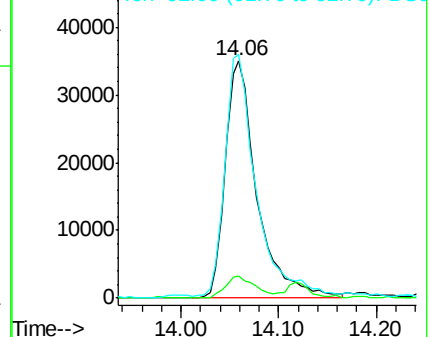
92 102.5 77.0 115.4

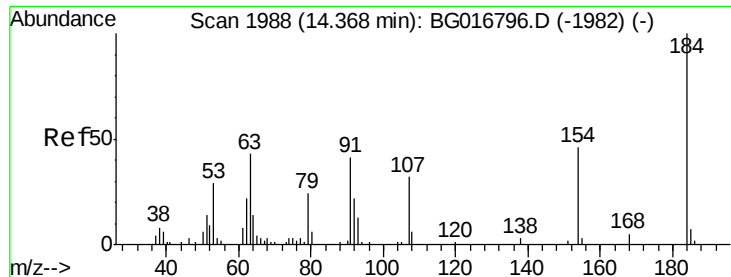


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGO

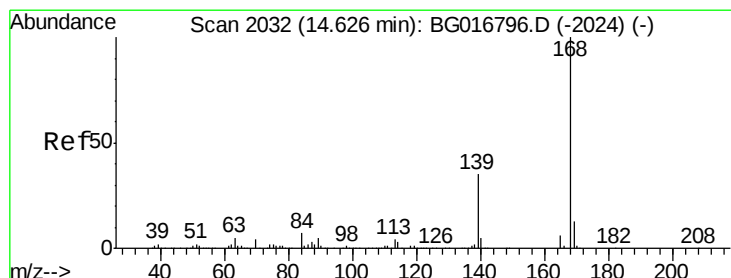
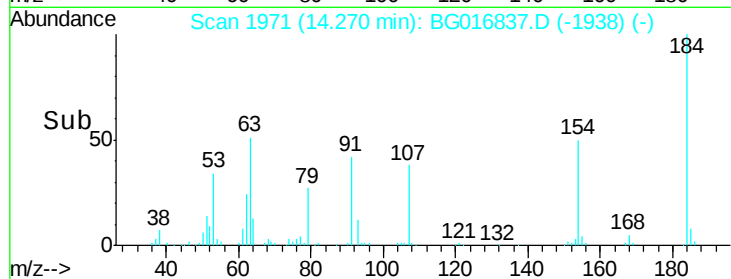
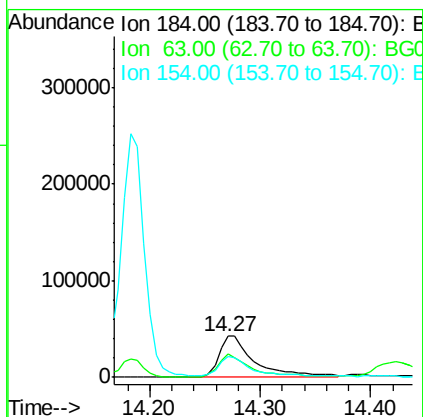
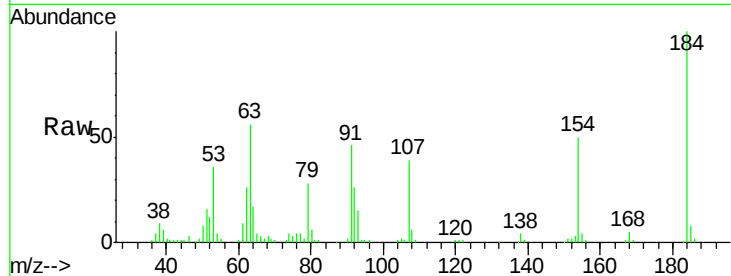




#53
2,4-Dinitrophenol
Concen: 73.30 ng
RT: 14.27 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG016837.D
Acq: 1 May 2015 6:35

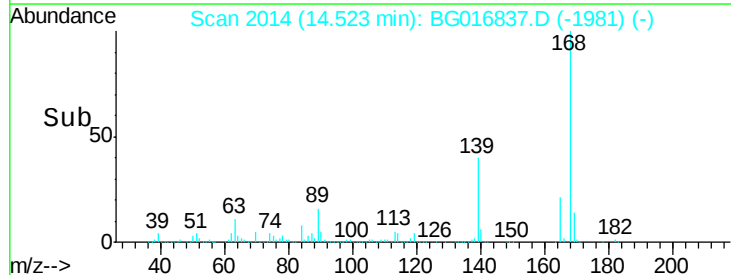
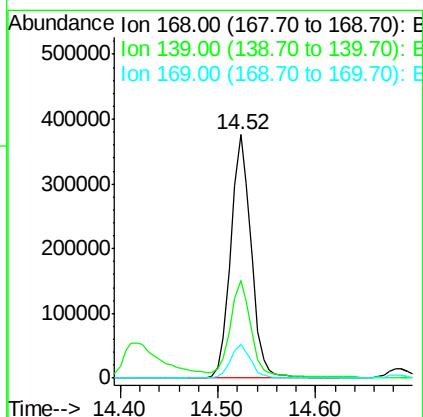
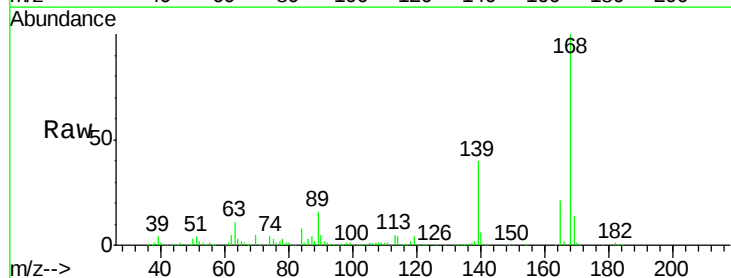
Instrument :
BNA_F
ClientSampleId :
PB83017BS

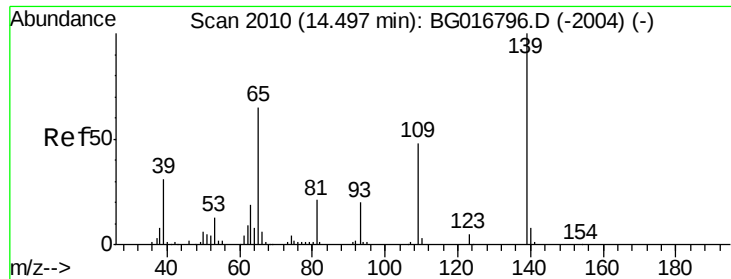
Tgt Ion:184 Resp: 96952
Ion Ratio Lower Upper
184 100
63 56.5 34.6 51.8#
154 50.2 36.7 55.1



#54
Dibenzofuran
Concen: 41.76 ng
RT: 14.52 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BG016837.D
Acq: 1 May 2015 6:35

Tgt Ion:168 Resp: 545489
Ion Ratio Lower Upper
168 100
139 40.4 28.1 42.1
169 13.7 10.7 16.1

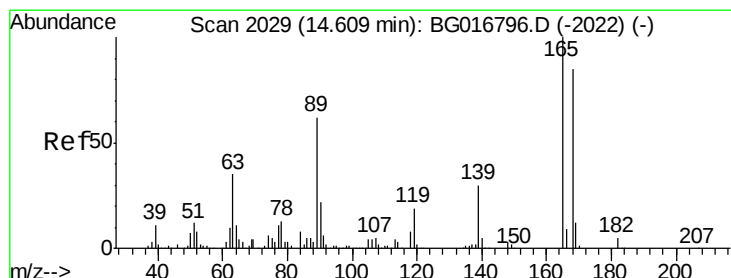
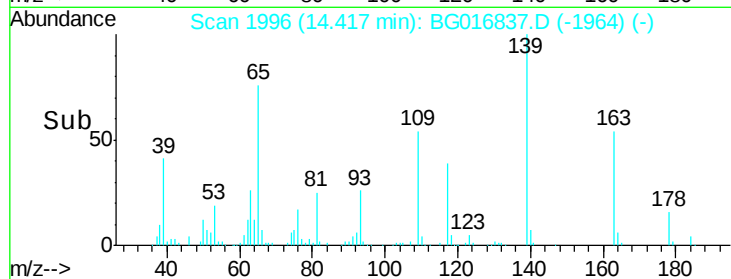
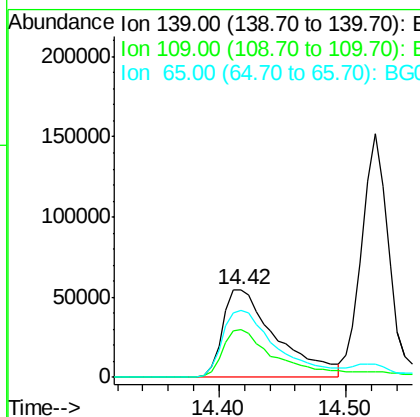
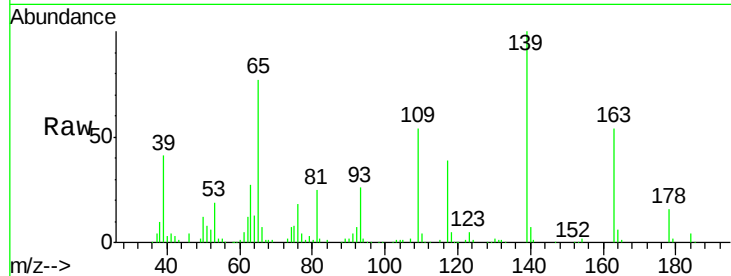




#55
4-Nitrophenol
Concen: 74.87 ng
RT: 14.42 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BG016837.D
Acq: 1 May 2015 6:35

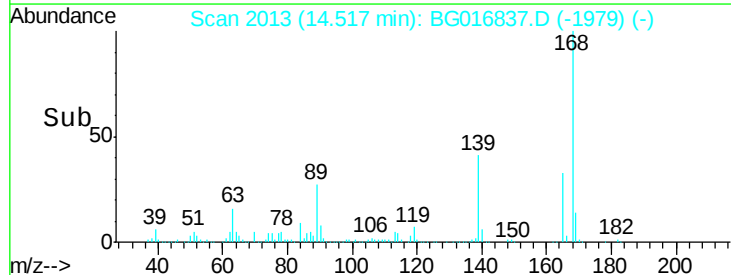
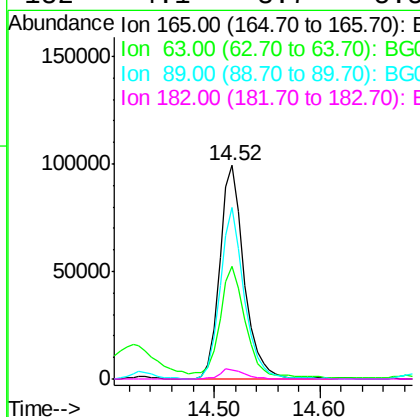
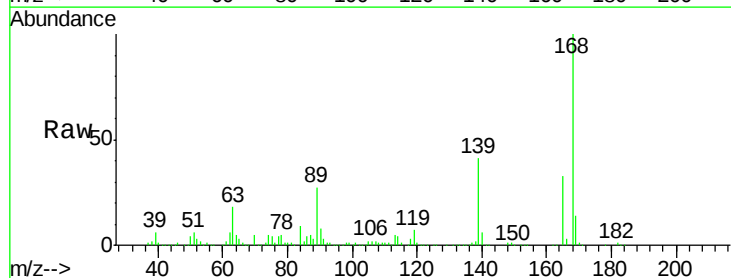
Instrument :
BNA_F
ClientSampleId :
PB83017BS

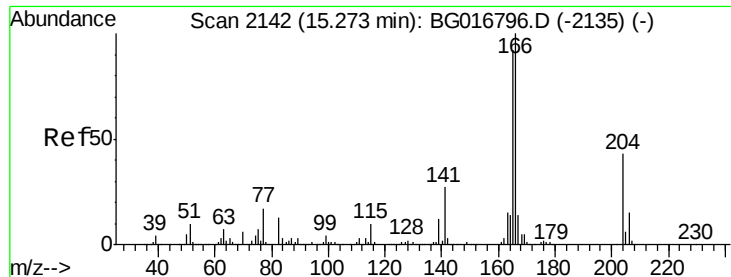
Tgt Ion:139 Resp: 161156
Ion Ratio Lower Upper
139 100
109 54.3 27.8 67.8
65 76.6 45.4 85.4



#56
2,4-Dinitrotoluene
Concen: 43.78 ng
RT: 14.52 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG016837.D
Acq: 1 May 2015 6:35

Tgt Ion:165 Resp: 160008
Ion Ratio Lower Upper
165 100
63 52.8 28.2 42.4#
89 80.5 49.4 74.0#
182 4.1 3.7 5.5





#57

Fluorene

Concen: 42.22 ng

RT: 15.18 min Scan# 2125

Delta R.T. -0.00 min

Lab File: BG016837.D

Acq: 1 May 2015 6:35

Instrument :

BNA_F

ClientSampleId :

PB83017BS

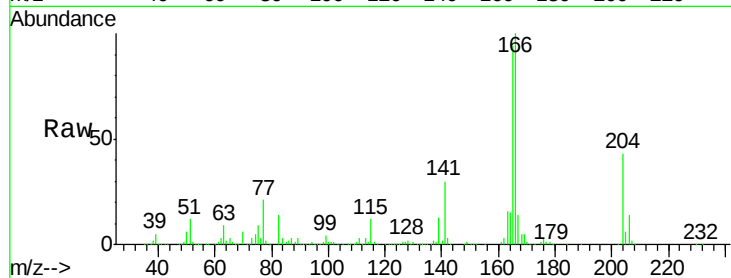
Tgt Ion:166 Resp: 484505

Ion Ratio Lower Upper

166 100

165 94.0 73.5 110.3

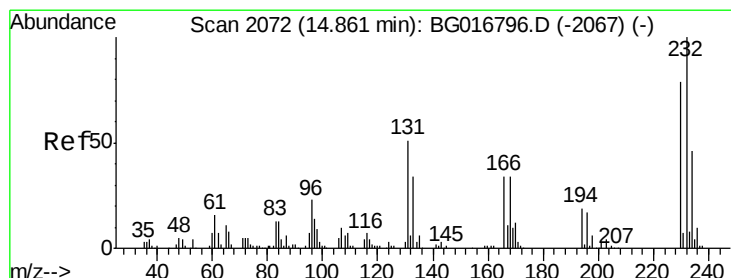
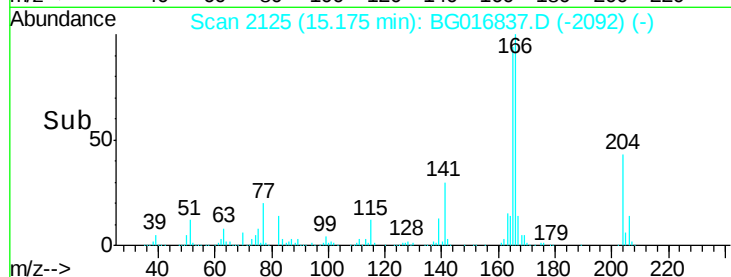
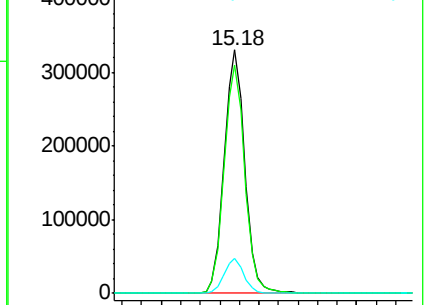
167 14.4 10.8 16.2



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: 44.74 ng

RT: 14.76 min Scan# 2055

Delta R.T. -0.00 min

Lab File: BG016837.D

Acq: 1 May 2015 6:35

Tgt Ion:232 Resp: 90548

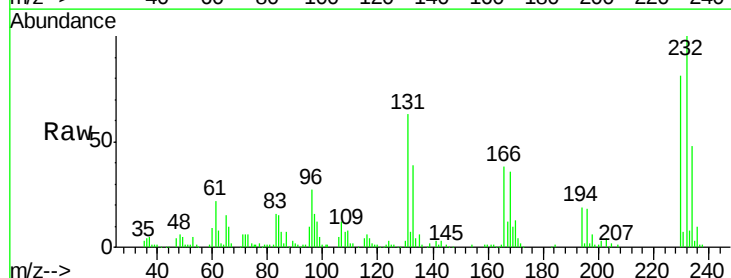
Ion Ratio Lower Upper

232 100

131 58.9 39.9 59.9

130 3.3 2.3 3.5

166 37.0 27.8 41.8

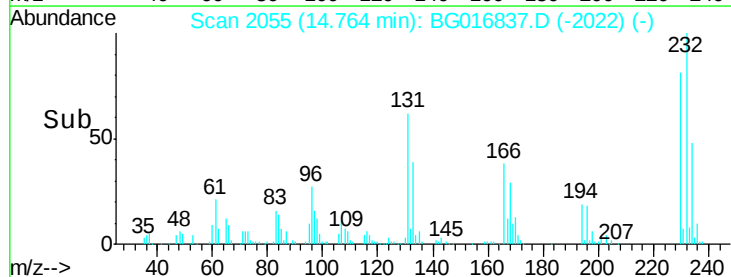
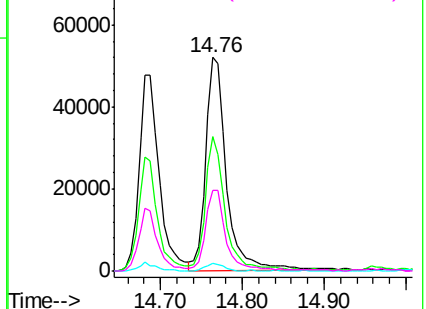


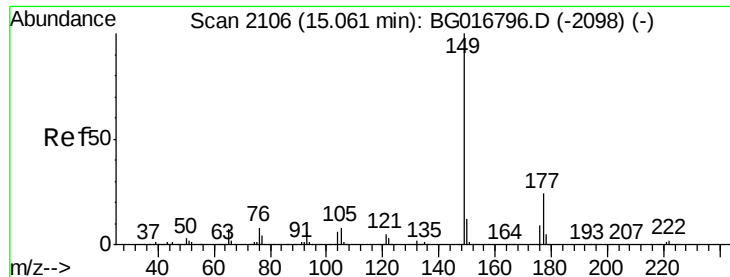
Abundance Ion 232.00 (231.70 to 232.70): E

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: 44.66 ng

RT: 14.96 min Scan# 2089

Delta R.T. -0.00 min

Lab File: BG016837.D

Acq: 1 May 2015 6:35

Instrument :

BNA_F

ClientSampleId :

PB83017BS

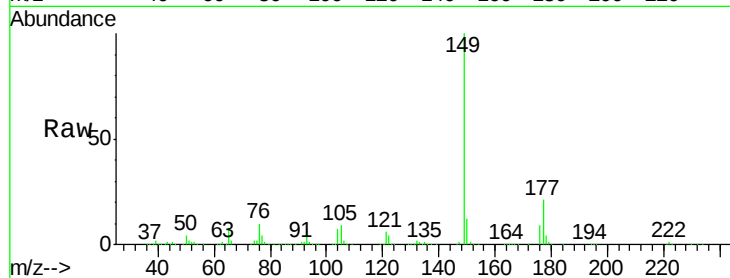
Tgt Ion:149 Resp: 506196

Ion Ratio Lower Upper

149 100

177 21.4 19.0 28.4

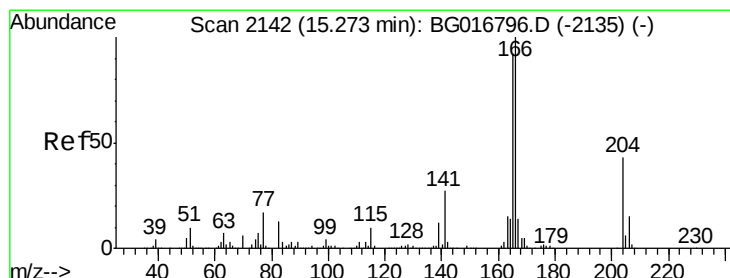
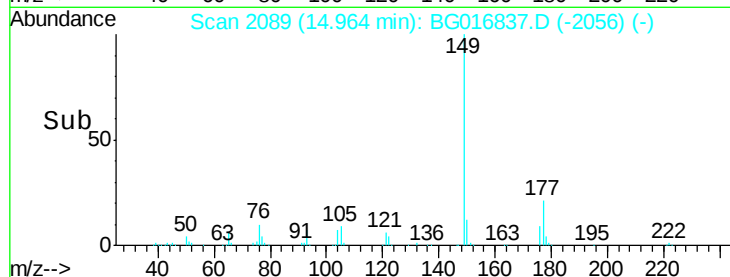
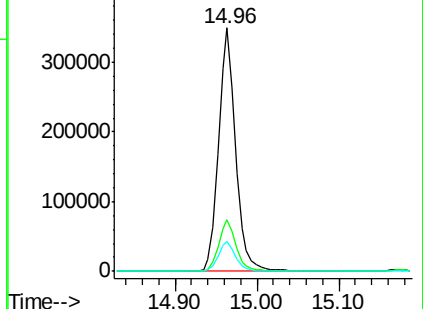
150 12.2 9.7 14.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.62 ng

RT: 15.18 min Scan# 2125

Delta R.T. 0.00 min

Lab File: BG016837.D

Acq: 1 May 2015 6:35

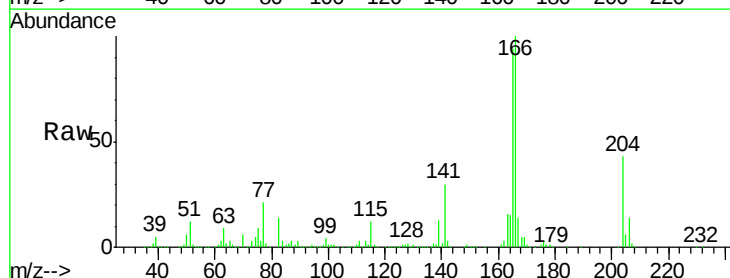
Tgt Ion:204 Resp: 192007

Ion Ratio Lower Upper

204 100

206 33.8 27.0 40.4

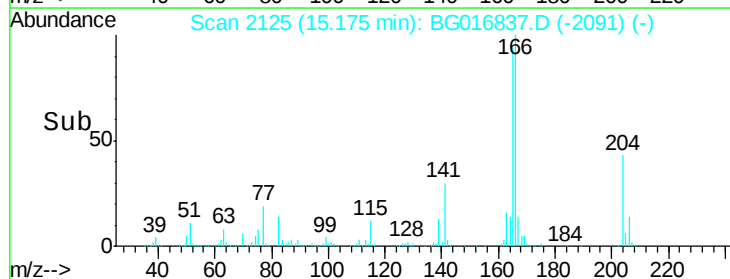
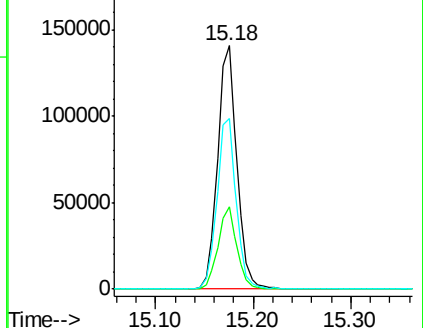
141 70.0 50.4 75.6

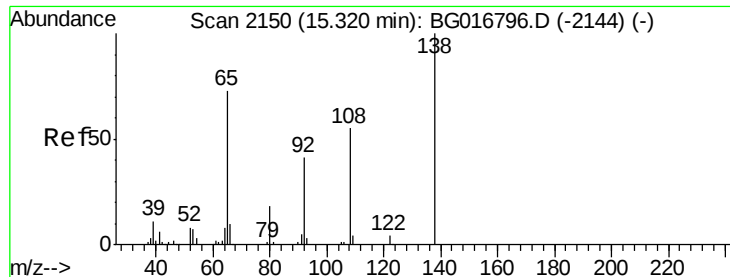


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

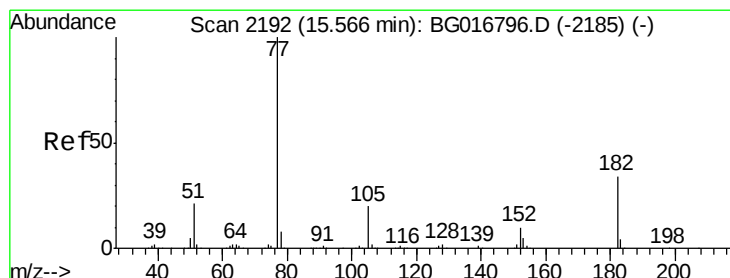
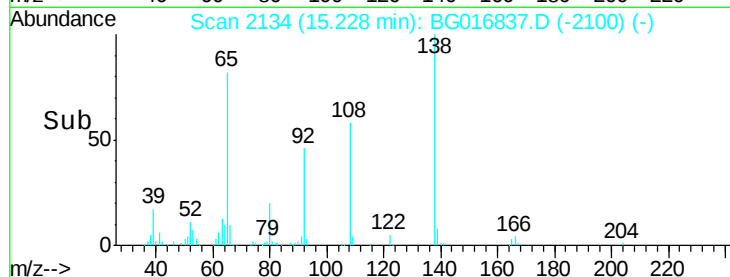
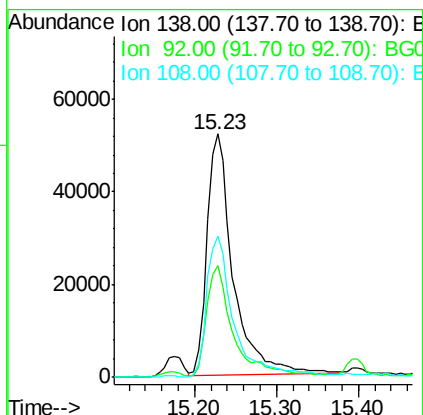
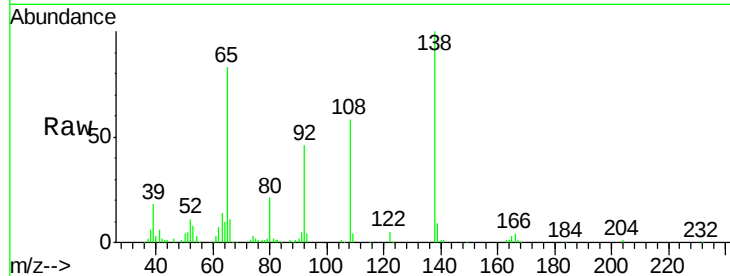




#61
4-Nitroaniline
Concen: 37.80 ng
RT: 15.23 min Scan# 2134
Delta R.T. 0.00 min
Lab File: BG016837.D
Acq: 1 May 2015 6:35

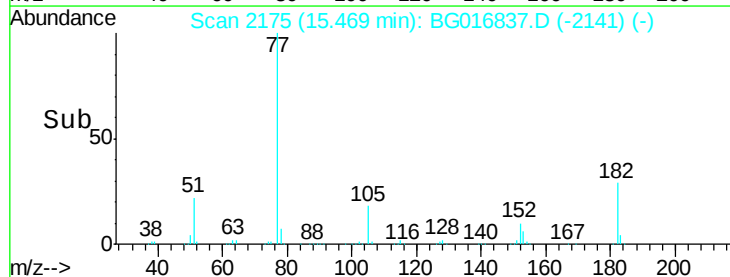
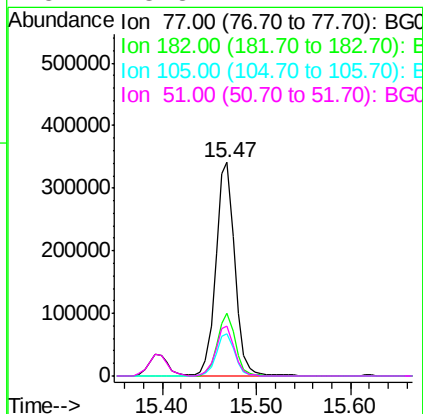
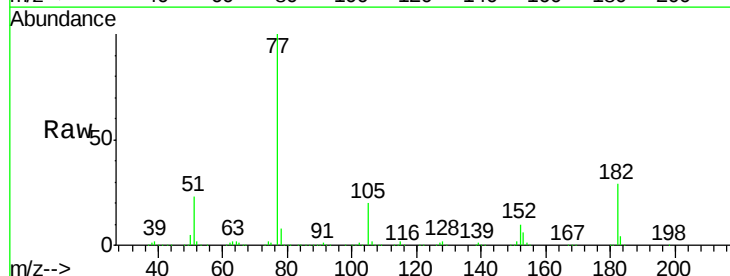
Instrument :
BNA_F
ClientSampleId :
PB83017BS

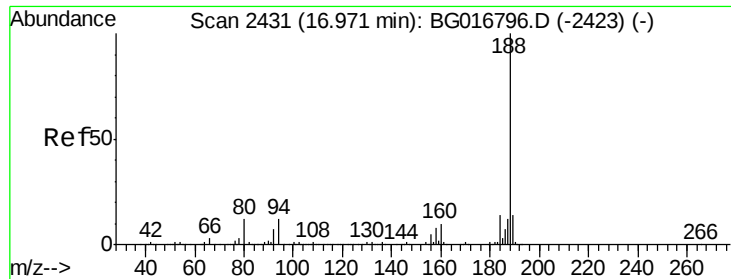
Tgt Ion: 138 Resp: 115713
Ion Ratio Lower Upper
138 100
92 46.2 20.4 60.4
108 58.0 33.8 73.8



#62
Azobenzene
Concen: 50.90 ng
RT: 15.47 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BG016837.D
Acq: 1 May 2015 6:35

Tgt Ion: 77 Resp: 477268
Ion Ratio Lower Upper
77 100
182 29.3 13.6 53.6
105 19.7 0.0 39.9
51 23.3 1.1 41.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.87 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BG016837.D

Acq: 1 May 2015 6:35

Instrument :

BNA_F

ClientSampleId :

PB83017BS

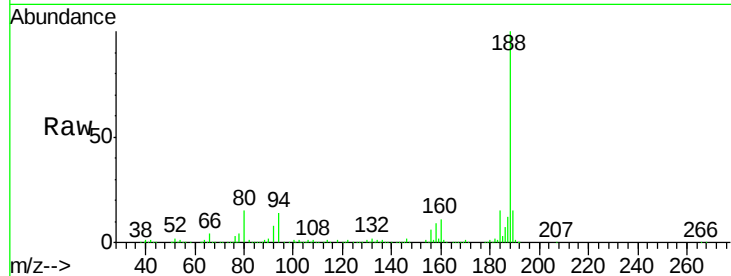
Tgt Ion:188 Resp: 323182

Ion Ratio Lower Upper

188 100

94 13.7 9.5 14.3

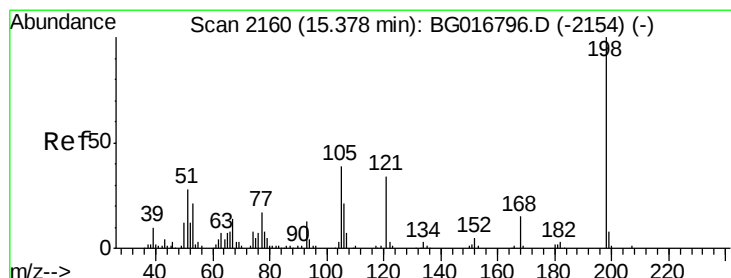
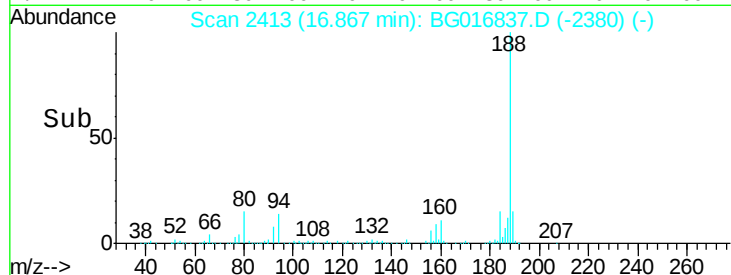
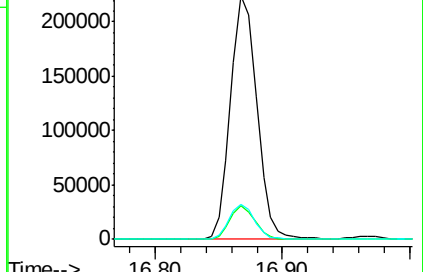
80 14.5 9.2 13.8#



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: 38.33 ng

RT: 15.28 min Scan# 2143

Delta R.T. -0.00 min

Lab File: BG016837.D

Acq: 1 May 2015 6:35

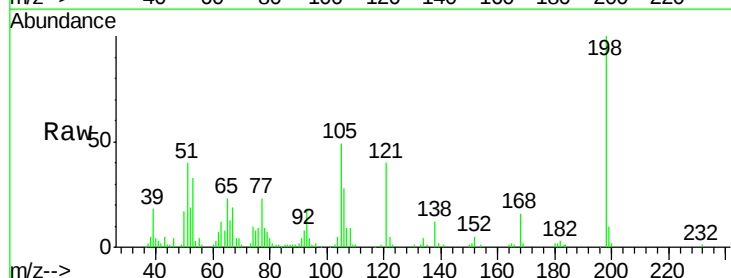
Tgt Ion:198 Resp: 76032

Ion Ratio Lower Upper

198 100

51 40.3 9.6 49.6

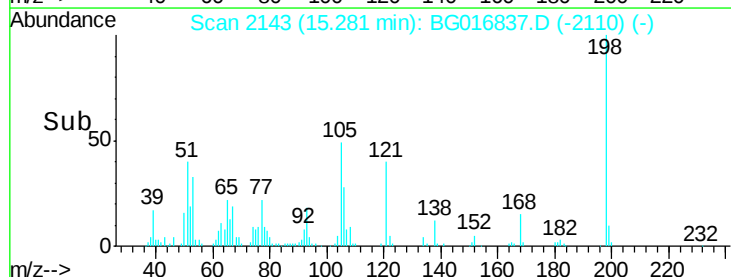
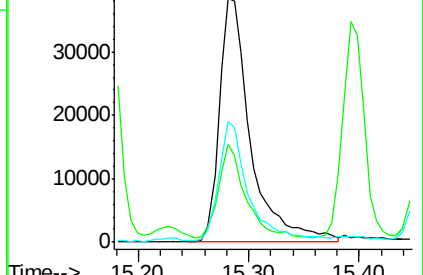
105 49.3 19.3 59.3

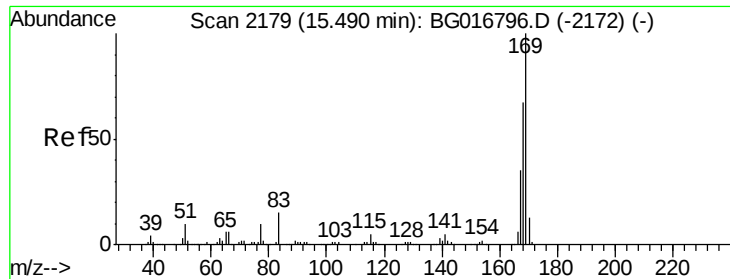


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

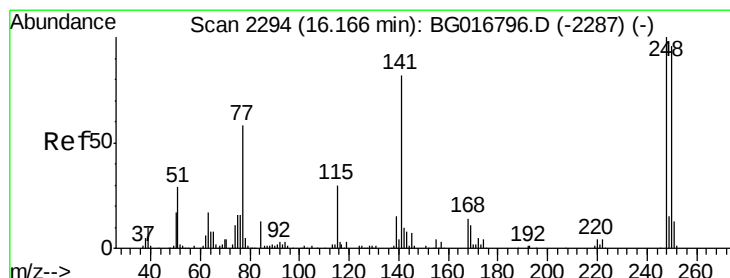
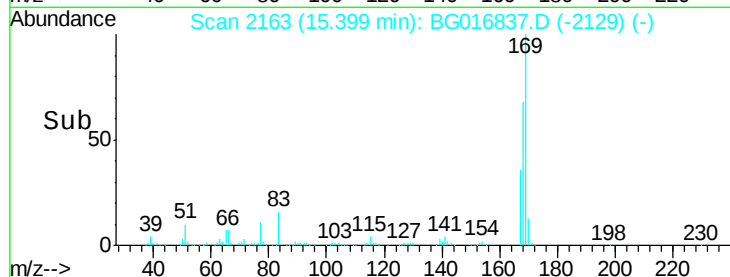
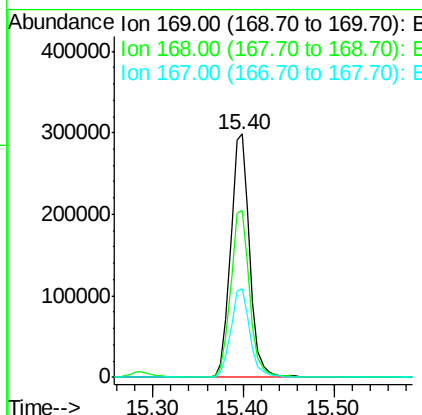
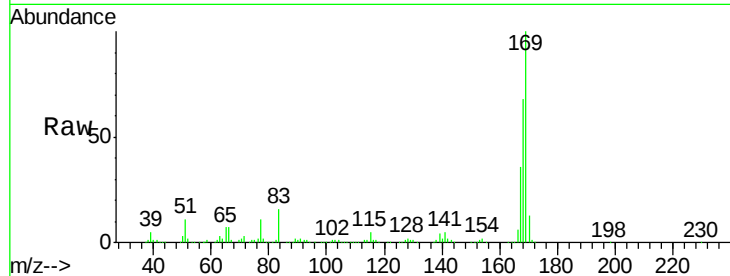




#65
n-Nitrosodiphenylamine
Concen: 41.49 ng
RT: 15.40 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BG016837.D
Acq: 1 May 2015 6:35

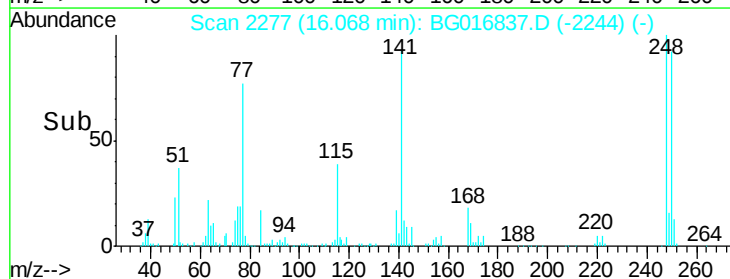
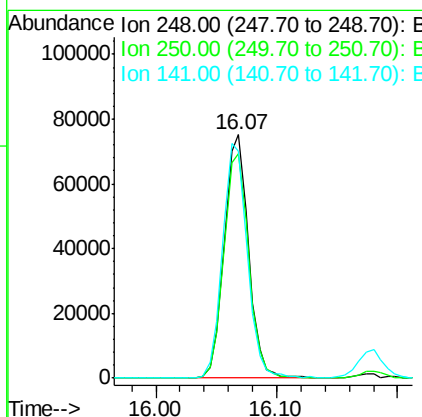
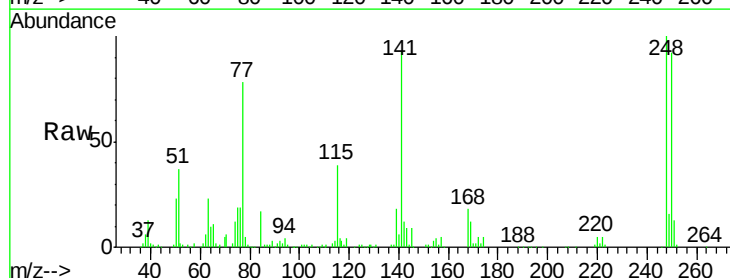
Instrument :
BNA_F
ClientSampleId :
PB83017BS

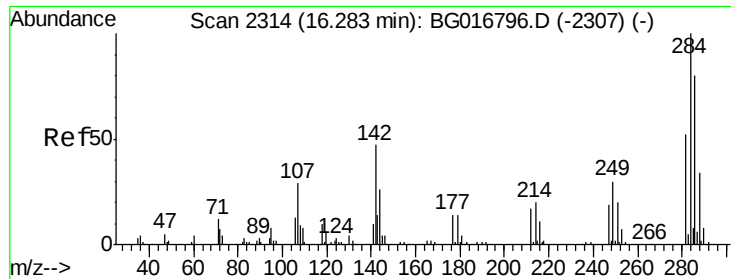
Tgt Ion:169 Resp: 434787
Ion Ratio Lower Upper
169 100
168 68.3 53.4 80.0
167 36.4 28.0 42.0



#66
4-Bromophenyl-phenylether
Concen: 40.17 ng
RT: 16.07 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BG016837.D
Acq: 1 May 2015 6:35

Tgt Ion:248 Resp: 104275
Ion Ratio Lower Upper
248 100
250 92.0 76.8 115.2
141 93.4 65.2 97.8

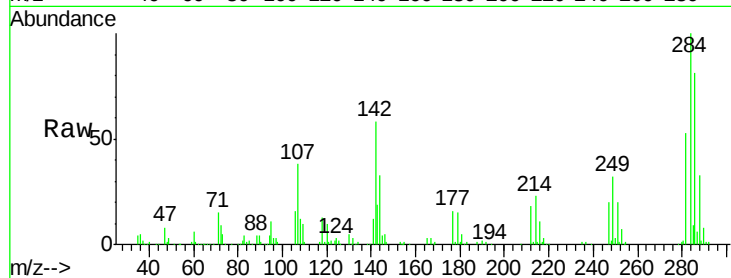




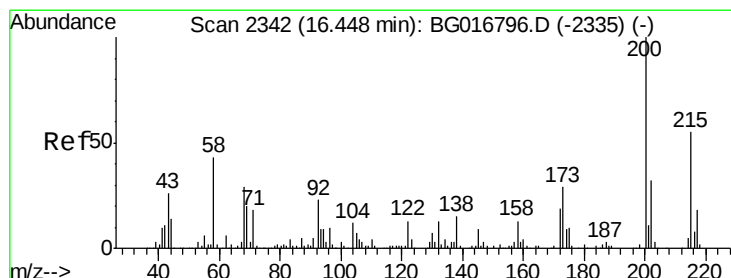
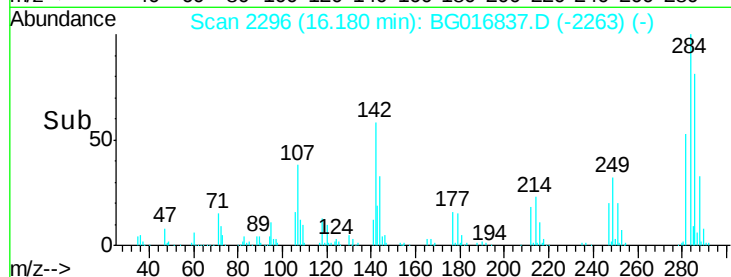
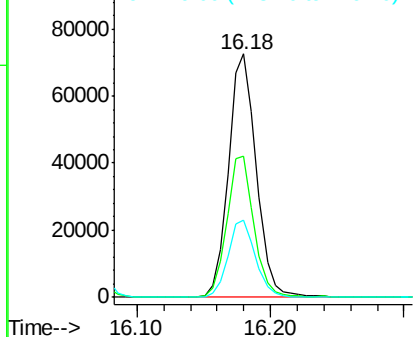
#67
Hexachlorobenzene
Concen: 38.81 ng
RT: 16.18 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BG016837.D
Acq: 1 May 2015 6:35

Instrument :
BNA_F
ClientSampleId :
PB83017BS

Tgt Ion: 284 Resp: 105371
Ion Ratio Lower Upper
284 100
142 57.8 37.3 55.9#
249 31.7 24.4 36.6

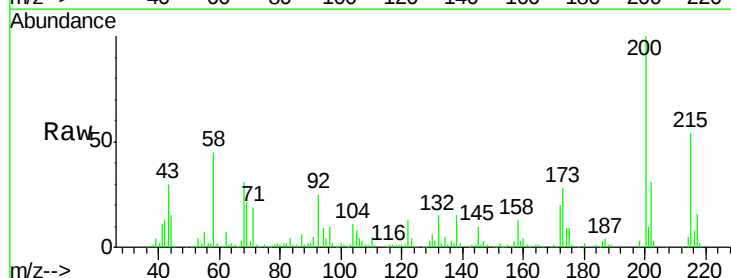


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

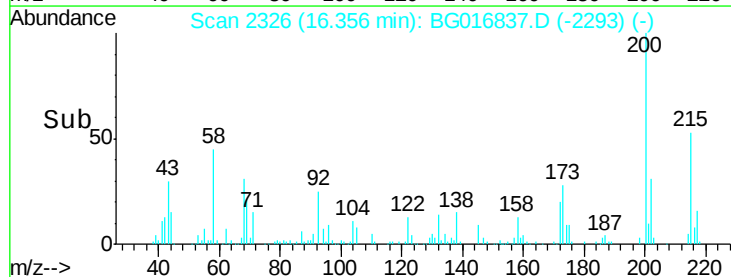
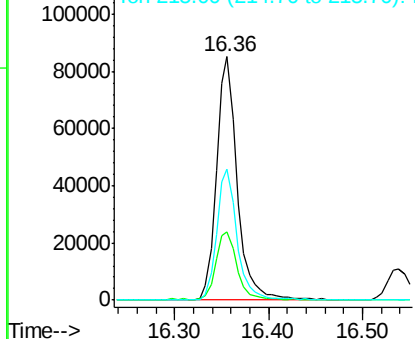


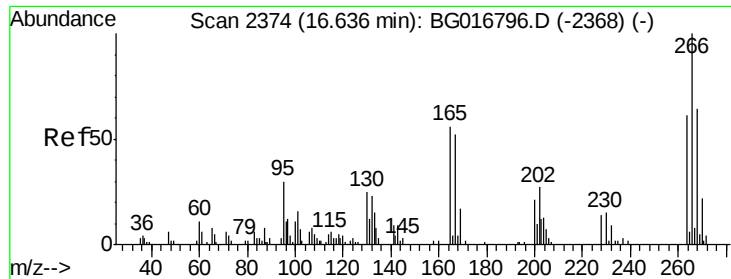
#68
Atrazine
Concen: 43.00 ng
RT: 16.36 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BG016837.D
Acq: 1 May 2015 6:35

Tgt Ion: 200 Resp: 131149
Ion Ratio Lower Upper
200 100
173 27.8 8.5 48.5
215 53.6 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: 76.21 ng

RT: 16.54 min Scan# 2357

Delta R.T. -0.00 min

Lab File: BG016837.D

Acq: 1 May 2015 6:35

Instrument :

BNA_F

ClientSampleId :

PB83017BS

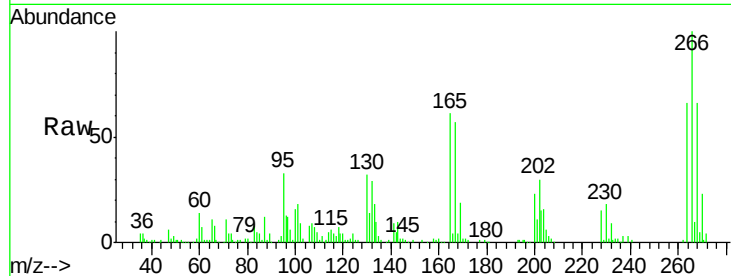
Tgt Ion:266 Resp: 94656

Ion Ratio Lower Upper

266 100

268 65.5 50.9 76.3

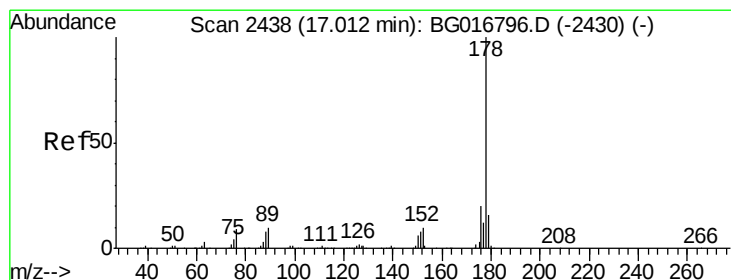
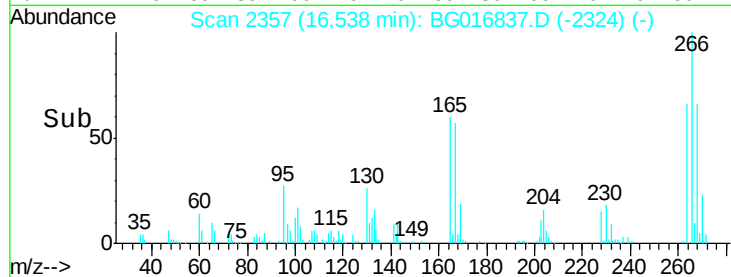
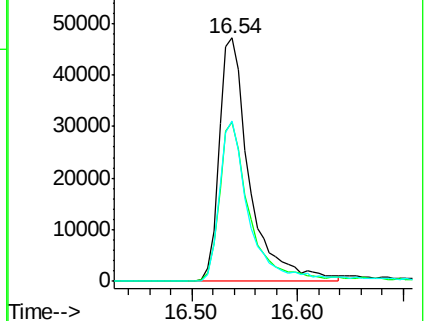
264 65.7 49.1 73.7



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 41.43 ng

RT: 16.91 min Scan# 2421

Delta R.T. 0.00 min

Lab File: BG016837.D

Acq: 1 May 2015 6:35

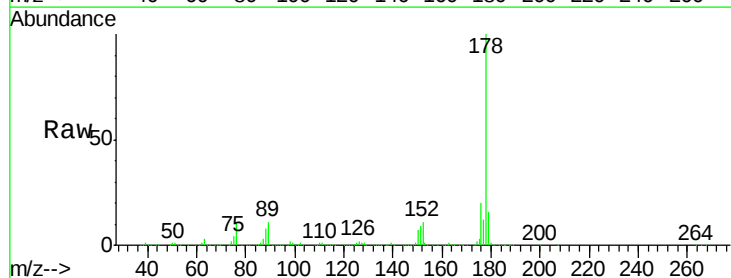
Tgt Ion:178 Resp: 724201

Ion Ratio Lower Upper

178 100

176 20.1 15.9 23.9

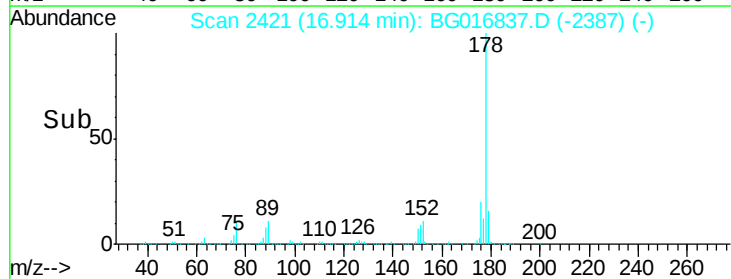
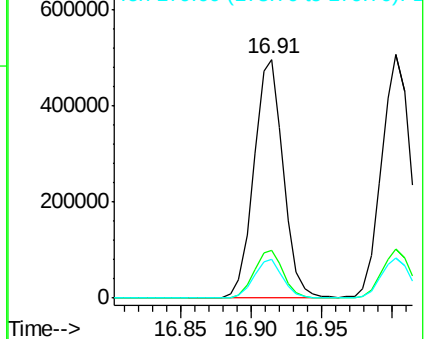
179 16.1 12.7 19.1

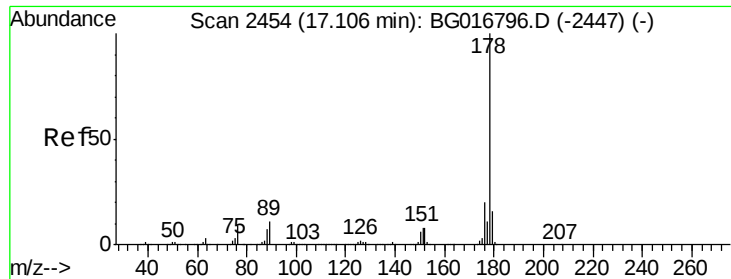


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

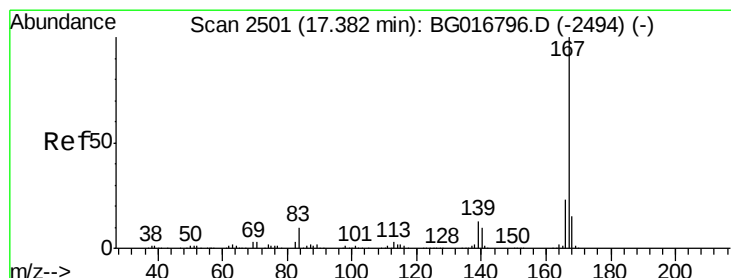
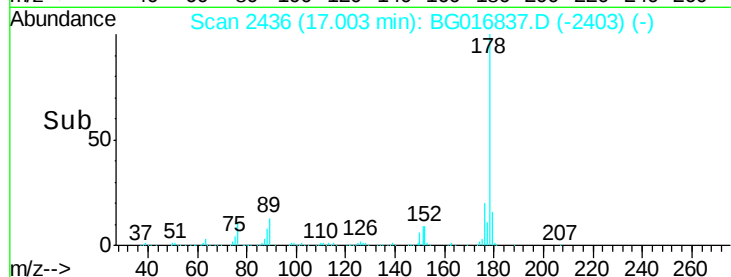
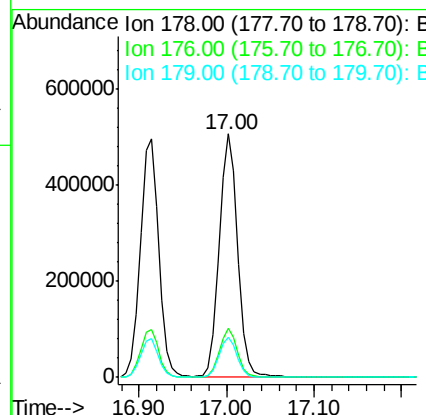
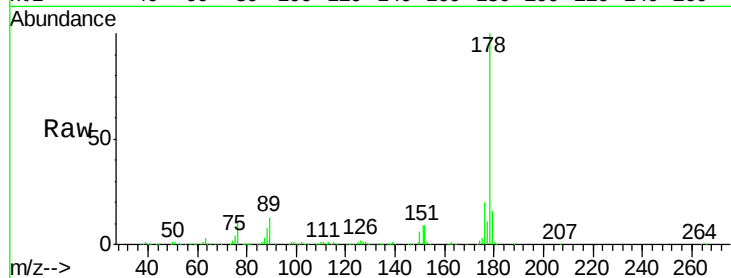




#71
 Anthracene
 Concen: 42.25 ng
 RT: 17.00 min Scan# 2436
 Delta R.T. -0.00 min
 Lab File: BG016837.D
 Acq: 1 May 2015 6:35

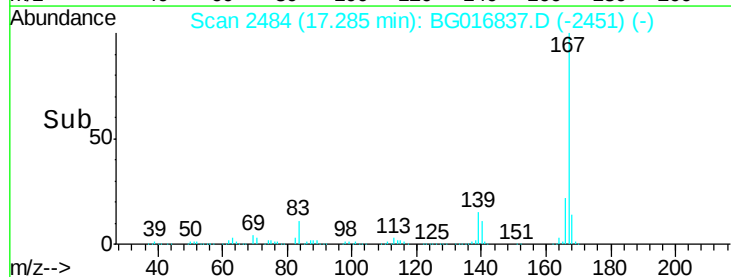
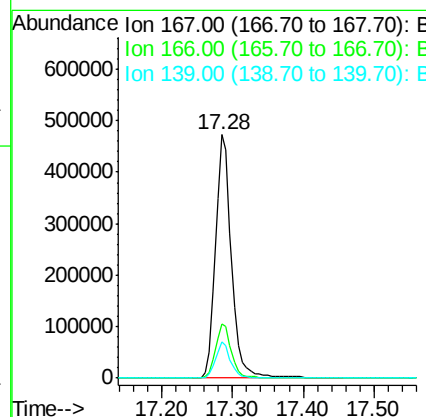
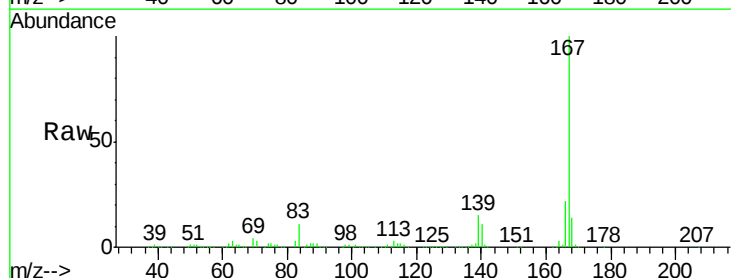
Instrument :
 BNA_F
 ClientSampleId :
 PB83017BS

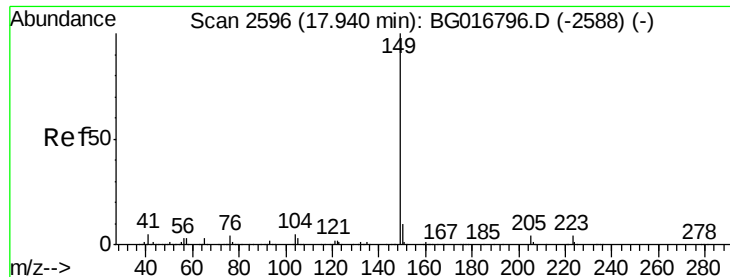
Tgt Ion:178 Resp: 738628
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.0 24.0
 179 16.3 12.6 18.8



#72
 Carbazole
 Concen: 43.49 ng
 RT: 17.28 min Scan# 2484
 Delta R.T. -0.00 min
 Lab File: BG016837.D
 Acq: 1 May 2015 6:35

Tgt Ion:167 Resp: 743759
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.4
 139 14.8 10.6 15.8

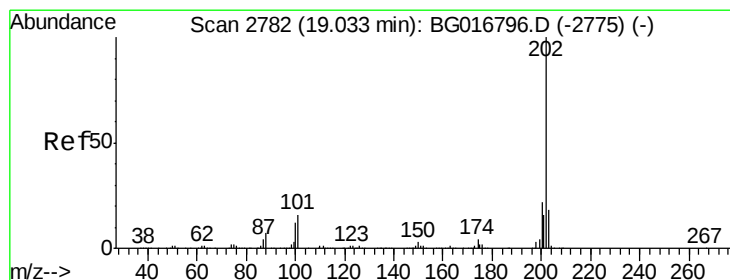
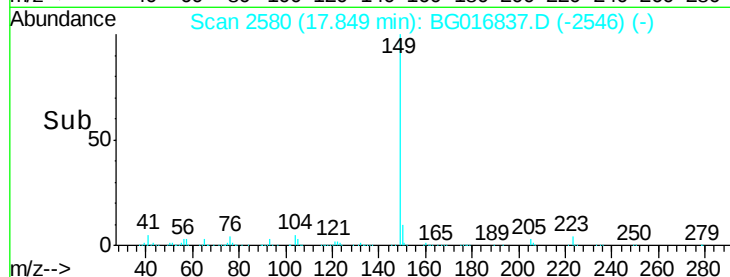
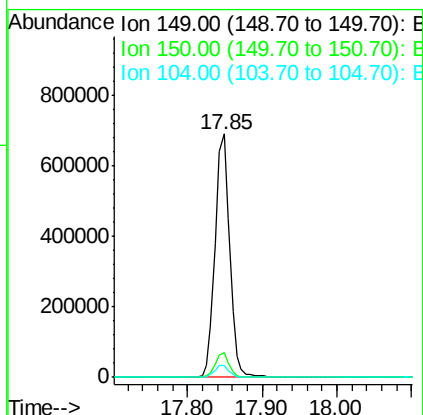
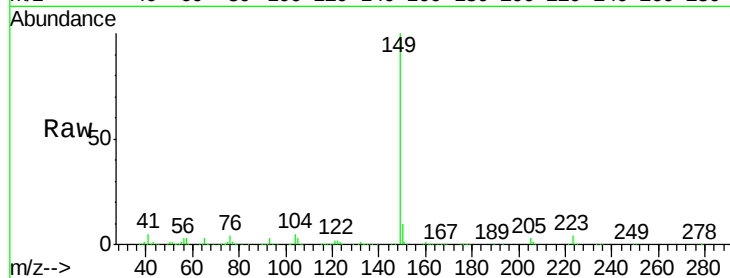




#73
Di-n-butylphthalate
Concen: 44.33 ng
RT: 17.85 min Scan# 2580
Delta R.T. 0.00 min
Lab File: BG016837.D
Acq: 1 May 2015 6:35

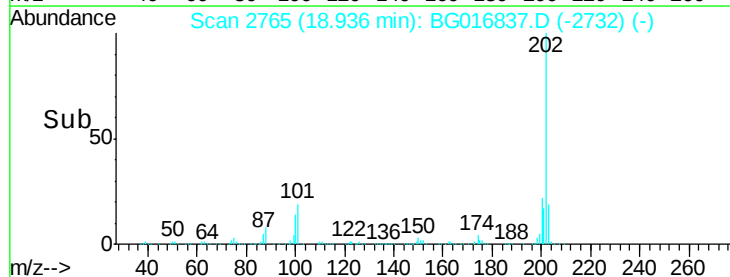
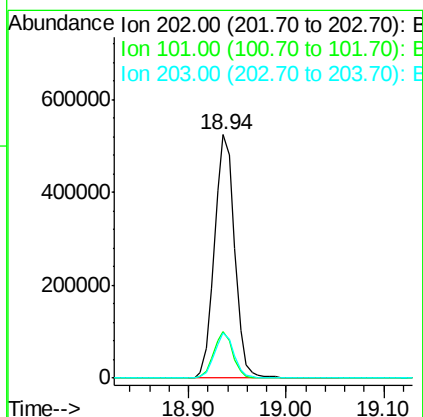
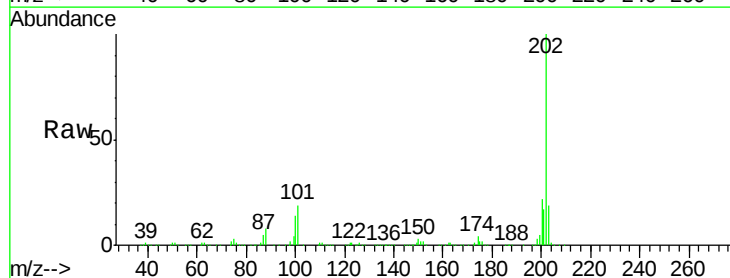
Instrument :
BNA_F
ClientSampleId :
PB83017BS

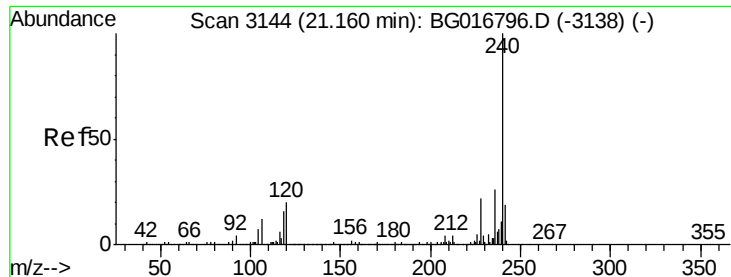
Tgt Ion:149 Resp: 937580
Ion Ratio Lower Upper
149 100
150 10.1 7.9 11.9
104 5.0 3.8 5.6



#74
Fluoranthene
Concen: 39.99 ng
RT: 18.94 min Scan# 2765
Delta R.T. -0.00 min
Lab File: BG016837.D
Acq: 1 May 2015 6:35

Tgt Ion:202 Resp: 751528
Ion Ratio Lower Upper
202 100
101 19.3 0.0 36.2
203 18.5 0.0 37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.06 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG016837.D

Acq: 1 May 2015 6:35

Instrument :

BNA_F

ClientSampleId :

PB83017BS

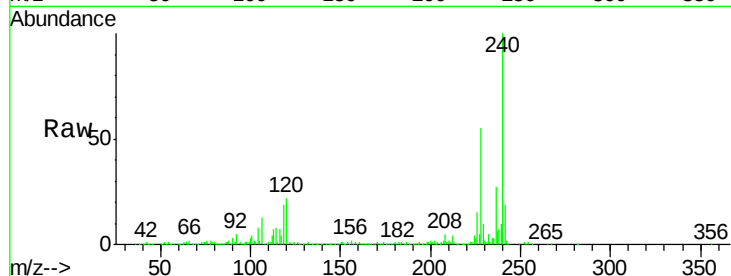
Tgt Ion:240 Resp: 251172

Ion Ratio Lower Upper

240 100

120 22.1 16.1 24.1

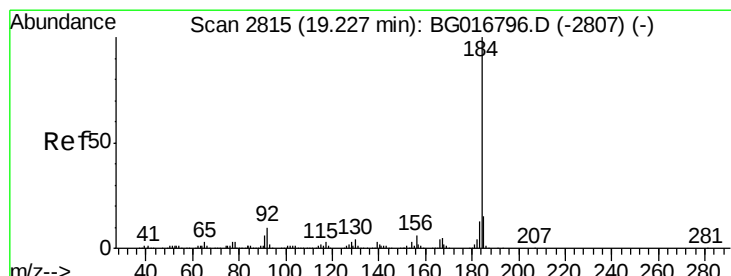
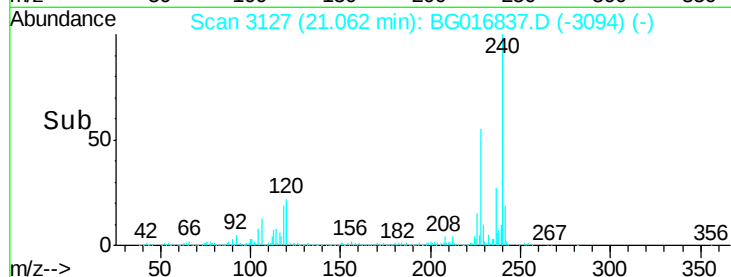
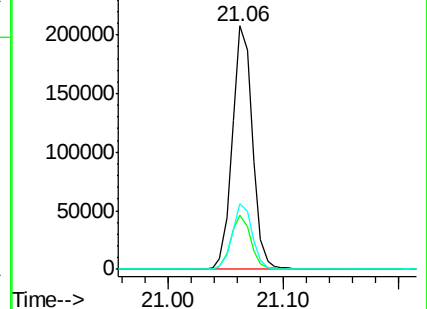
236 27.1 21.0 31.6



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: 22.41 ng

RT: 19.14 min Scan# 2800

Delta R.T. -0.00 min

Lab File: BG016837.D

Acq: 1 May 2015 6:35

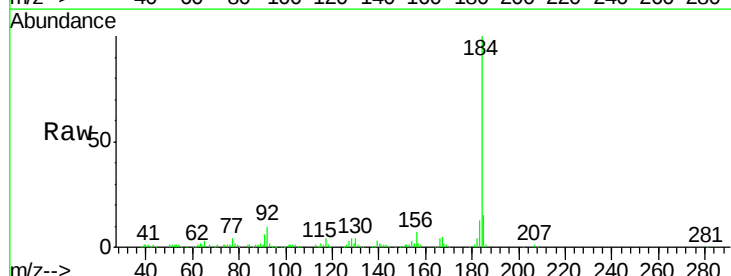
Tgt Ion:184 Resp: 216512

Ion Ratio Lower Upper

184 100

185 14.6 11.9 17.9

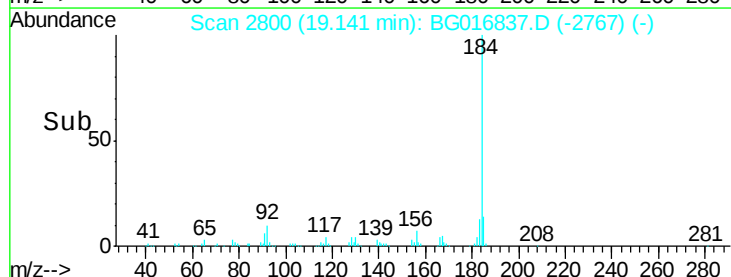
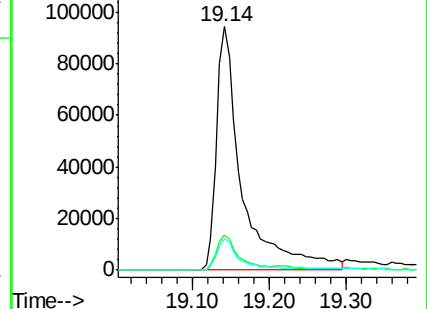
183 12.6 10.5 15.7

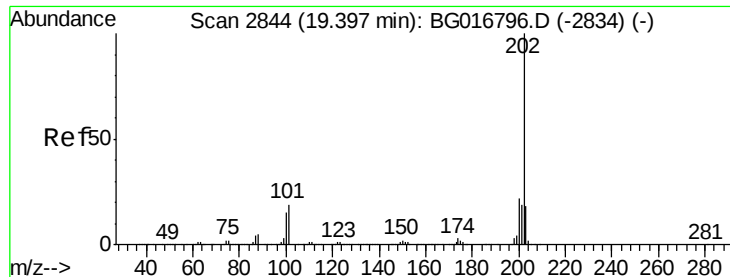


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

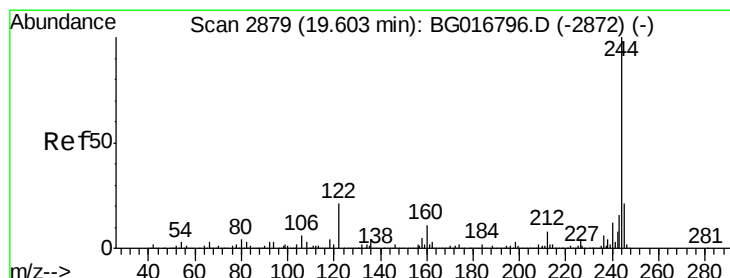
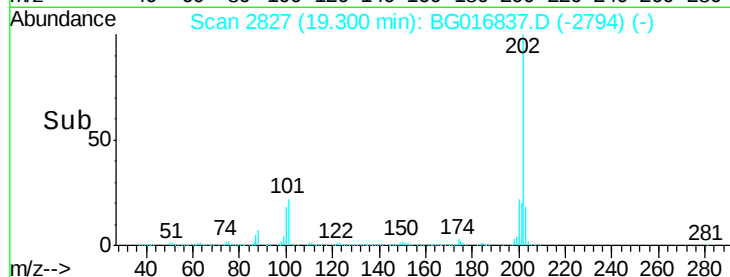
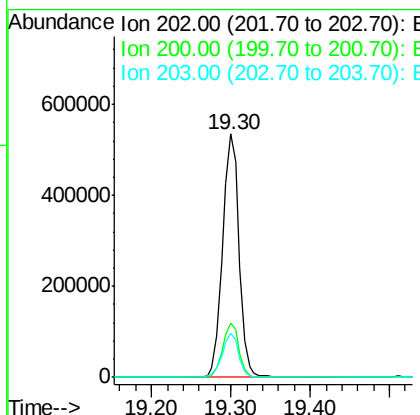
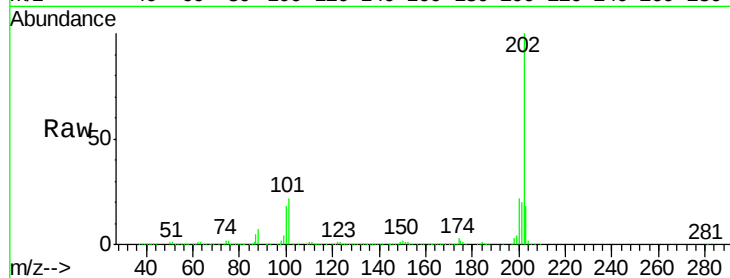




#77
 Pyrene
 Concen: 47.00 ng
 RT: 19.30 min Scan# 2827
 Delta R.T. -0.00 min
 Lab File: BG016837.D
 Acq: 1 May 2015 6:35

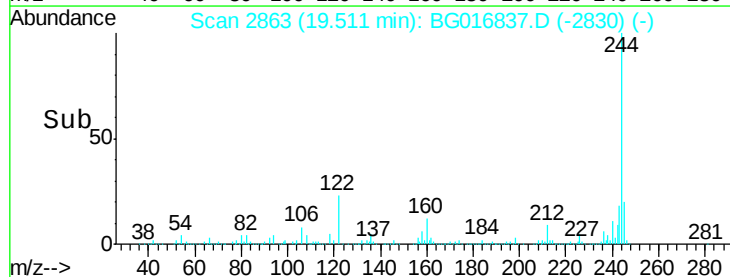
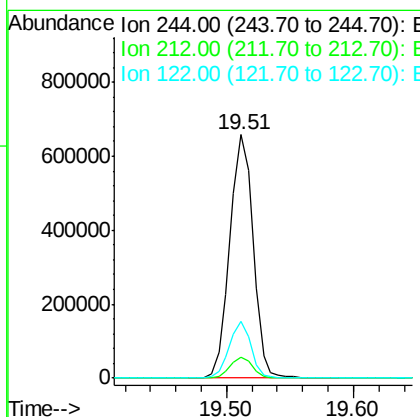
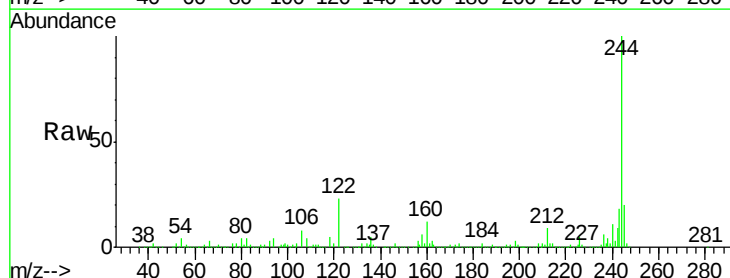
Instrument :
 BNA_F
 ClientSampleId :
 PB83017BS

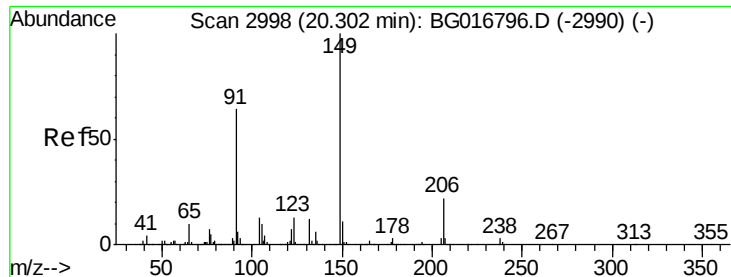
Tgt Ion:202 Resp: 771775
 Ion Ratio Lower Upper
 202 100
 200 22.5 17.3 25.9
 203 18.2 14.6 22.0



#78
 Terphenyl-d14
 Concen: 80.30 ng
 RT: 19.51 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: BG016837.D
 Acq: 1 May 2015 6:35

Tgt Ion:244 Resp: 836223
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.4 9.6
 122 23.2 16.4 24.6





#79

Butylbenzylphthalate

Concen: 47.64 ng

RT: 20.21 min Scan# 2982

Delta R.T. -0.00 min

Lab File: BG016837.D

Acq: 1 May 2015 6:35

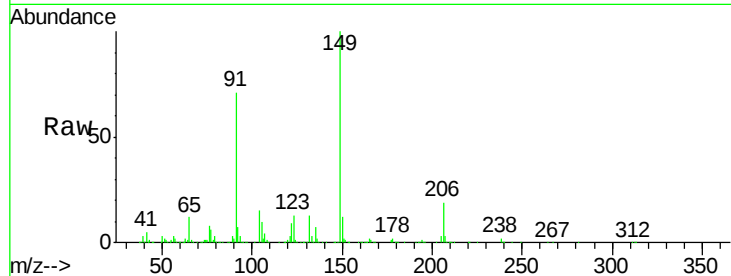
Instrument :

BNA_F

ClientSampleId :

PB83017BS

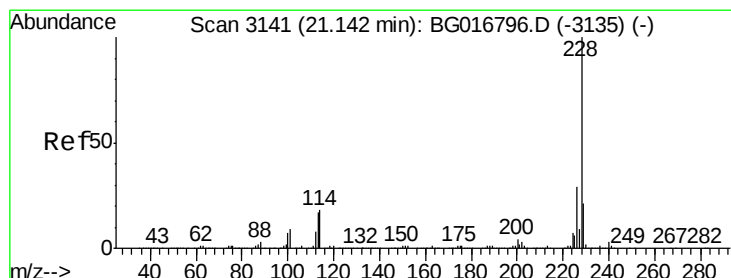
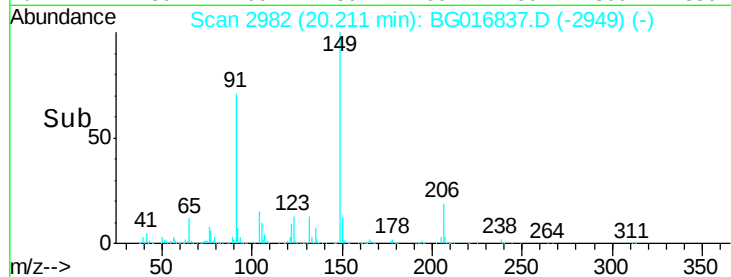
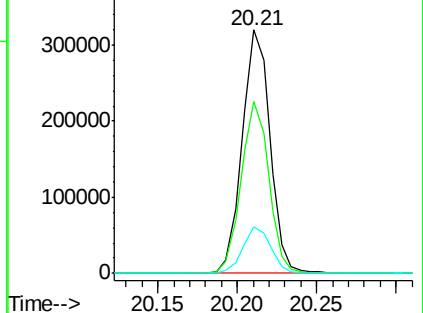
Tgt Ion:	149	Resp:	389817
Ion	Ratio	Lower	Upper
149	100		
91	70.6	51.3	76.9
206	19.1	17.2	25.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.84 ng

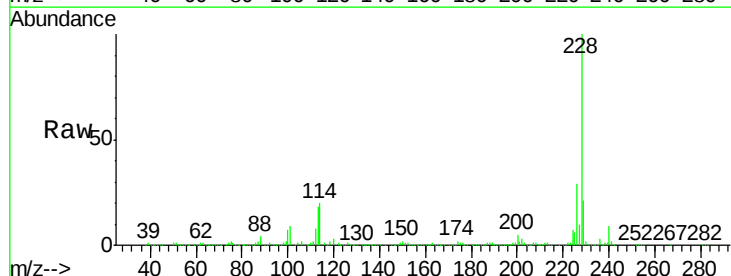
RT: 21.05 min Scan# 3125

Delta R.T. 0.00 min

Lab File: BG016837.D

Acq: 1 May 2015 6:35

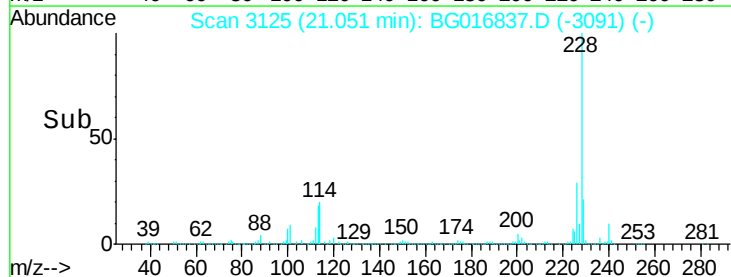
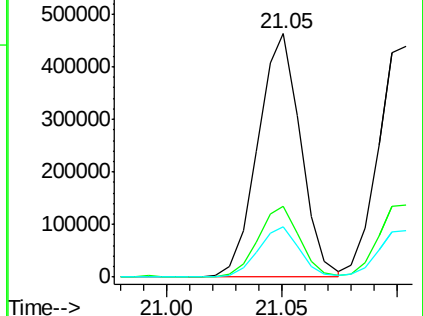
Tgt Ion:	228	Resp:	592581
Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.4	35.0
229	20.8	17.0	25.6

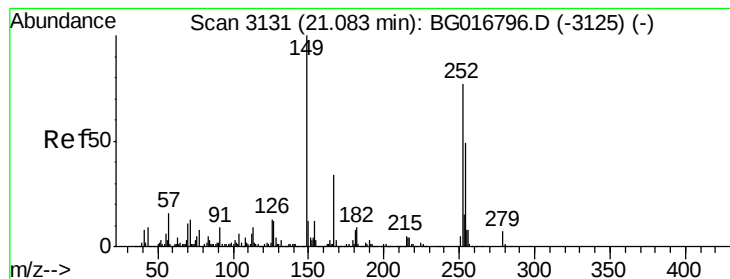


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 28.90 ng

RT: 20.99 min Scan# 3115

Delta R.T. -0.00 min

Lab File: BG016837.D

Acq: 1 May 2015 6:35

Instrument :

BNA_F

ClientSampled :

PB83017BS

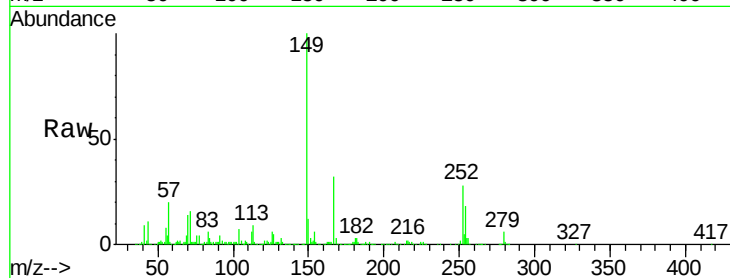
Tgt Ion:252 Resp: 142703

Ion Ratio Lower Upper

252 100

254 63.4 51.3 76.9

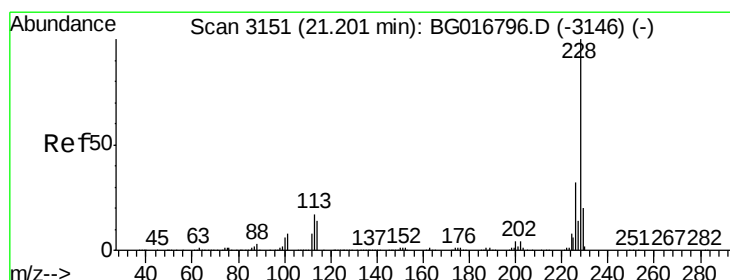
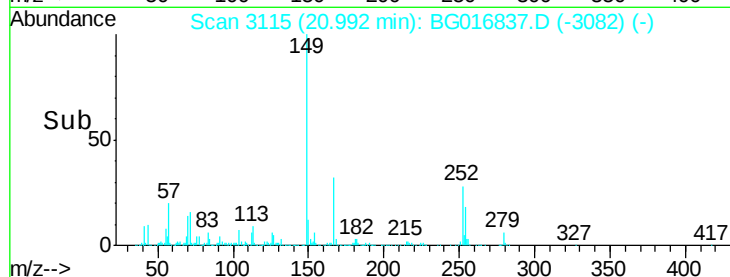
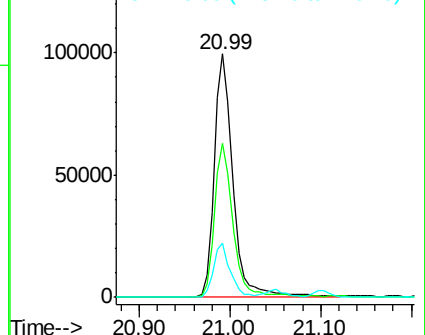
126 22.3 13.9 20.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 41.36 ng

RT: 21.10 min Scan# 3134

Delta R.T. 0.00 min

Lab File: BG016837.D

Acq: 1 May 2015 6:35

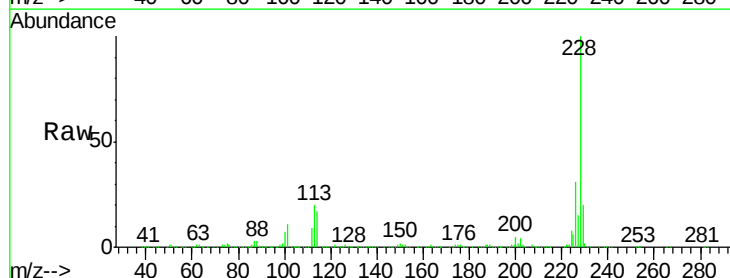
Tgt Ion:228 Resp: 567615

Ion Ratio Lower Upper

228 100

226 31.2 25.1 37.7

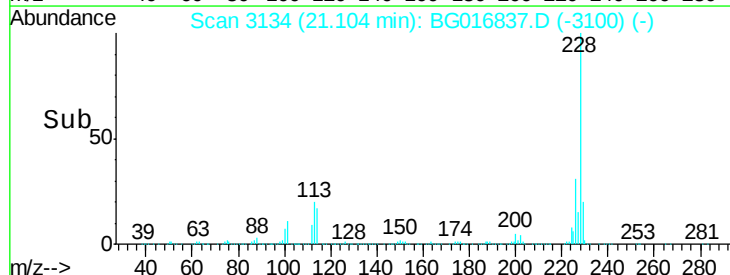
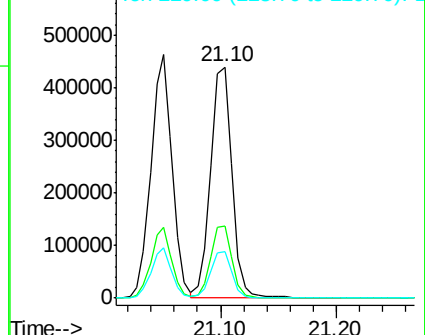
229 20.1 16.1 24.1

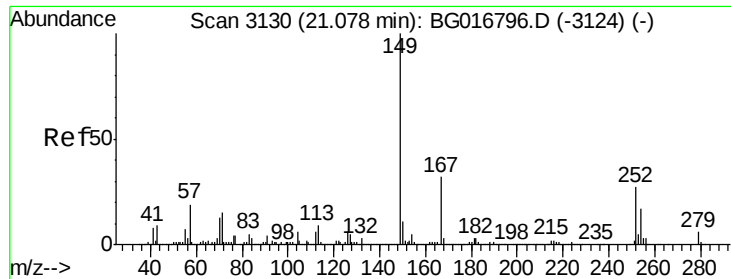


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

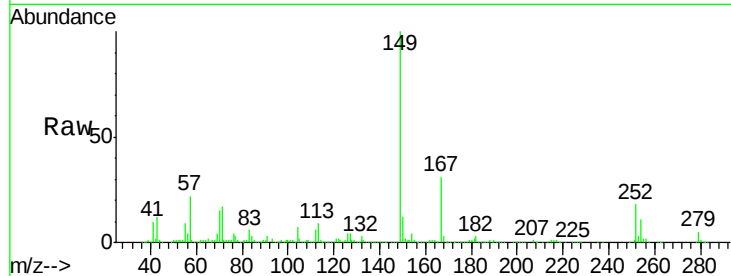




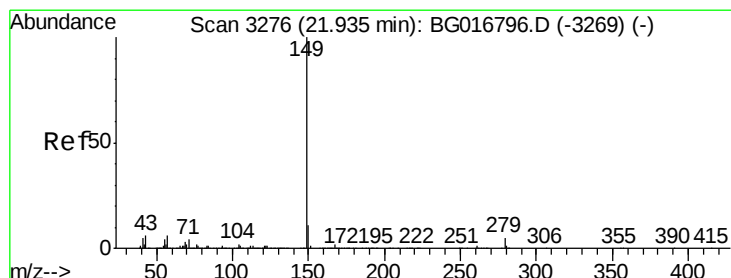
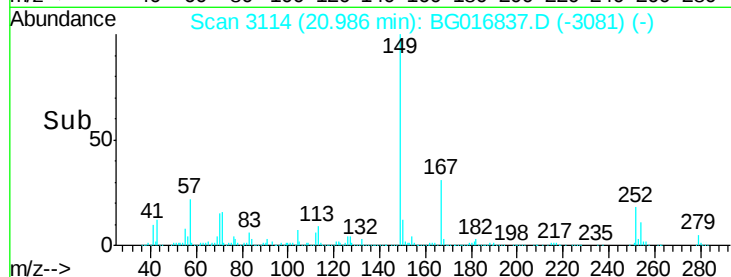
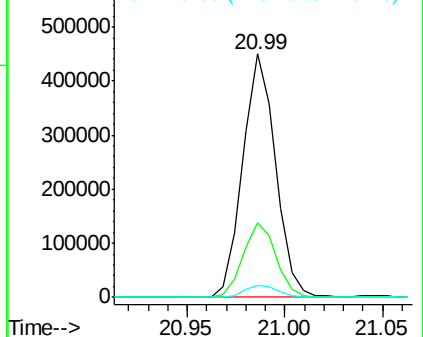
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.46 ng
 RT: 20.99 min Scan# 3114
 Delta R.T. -0.00 min
 Lab File: BG016837.D
 Acq: 1 May 2015 6:35

Instrument :
 BNA_F
 ClientSampleId :
 PB83017BS

Tgt Ion:149 Resp: 523387
 Ion Ratio Lower Upper
 149 100
 167 30.8 25.9 38.9
 279 5.0 5.0 7.4

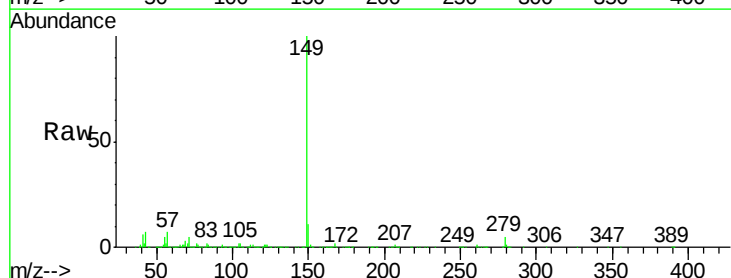


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

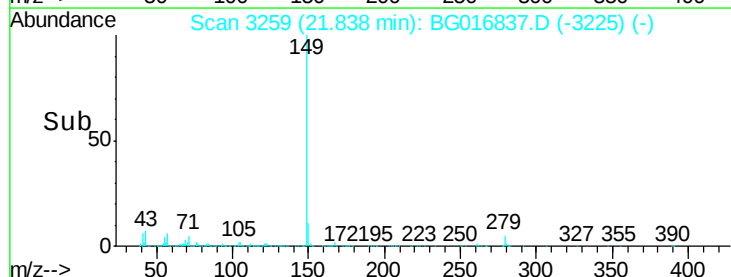
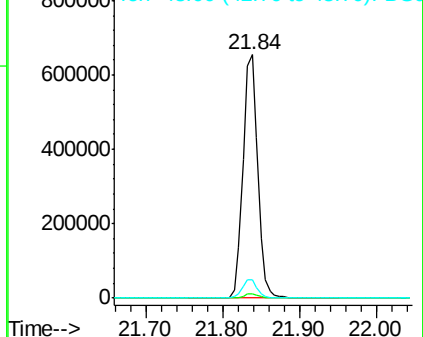


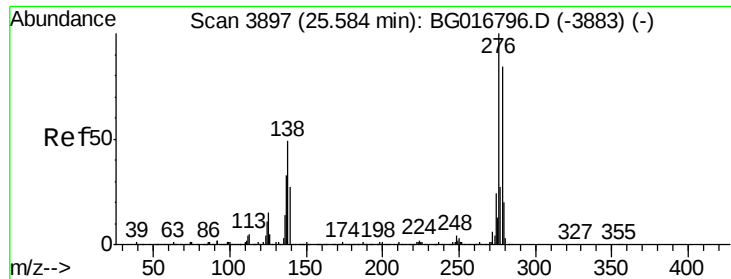
#84
 Di-n-octyl phthalate
 Concen: 45.35 ng
 RT: 21.84 min Scan# 3259
 Delta R.T. 0.00 min
 Lab File: BG016837.D
 Acq: 1 May 2015 6:35

Tgt Ion:149 Resp: 882566
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.2
 43 7.6 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): BGO

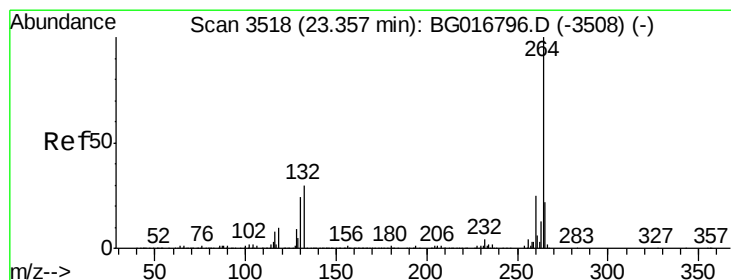
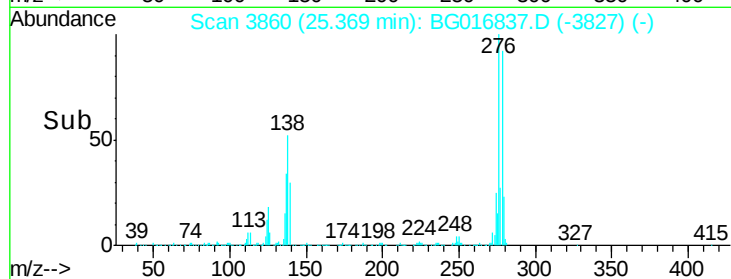
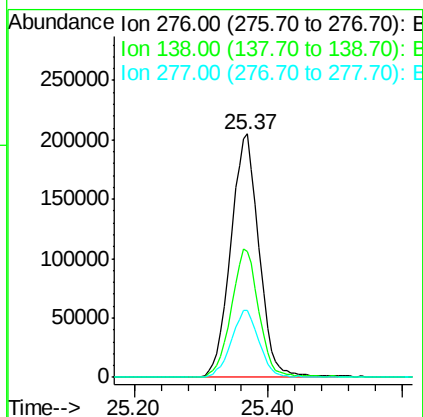
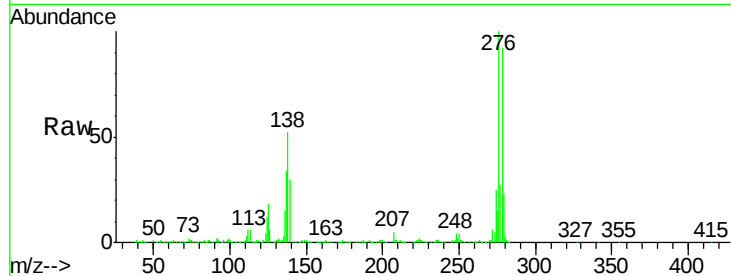




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.70 ng
 RT: 25.37 min Scan# 3860
 Delta R.T. -0.00 min
 Lab File: BG016837.D
 Acq: 1 May 2015 6:35

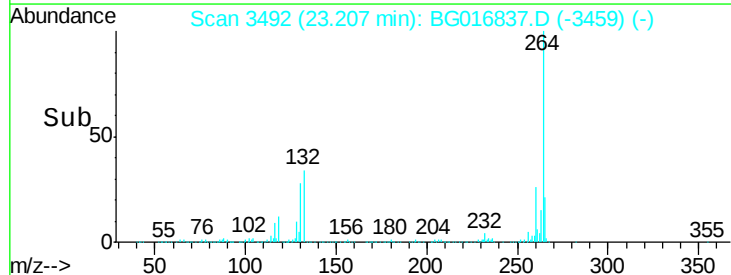
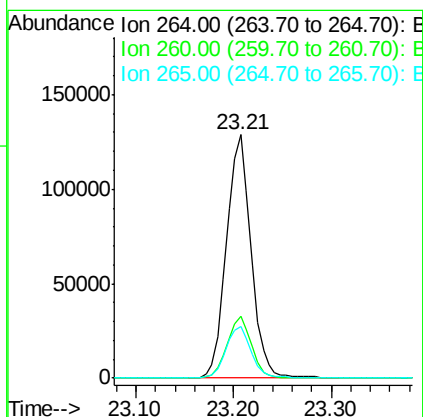
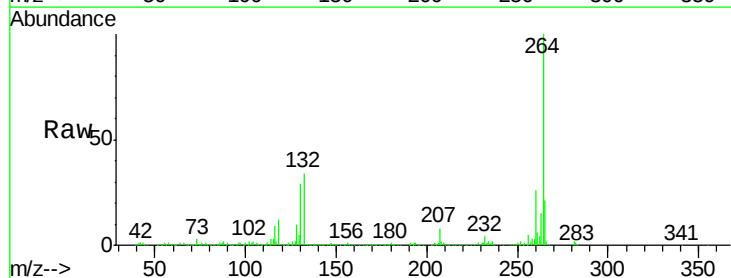
Instrument :
 BNA_F
 ClientSampleId :
 PB83017BS

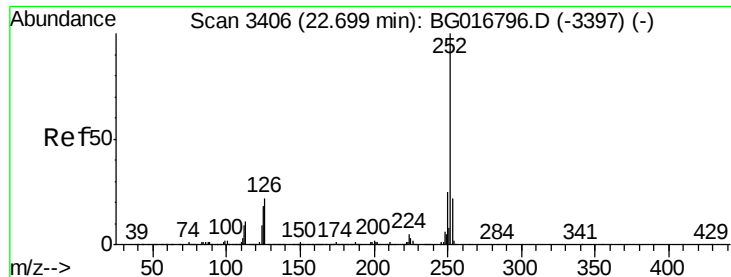
Tgt Ion:276 Resp: 604555
 Ion Ratio Lower Upper
 276 100
 138 51.2 37.0 55.6
 277 27.2 21.4 32.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.21 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: BG016837.D
 Acq: 1 May 2015 6:35

Tgt Ion:264 Resp: 225995
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.7 29.5
 265 21.0 17.4 26.2





#87

Benzo(b)fluoranthene

Concen: 43.35 ng

RT: 22.57 min Scan# 3383

Delta R.T. -0.00 min

Lab File: BG016837.D

Acq: 1 May 2015 6:35

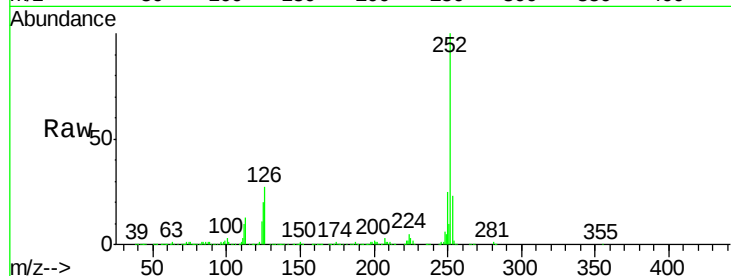
Instrument :

BNA_F

ClientSampleId :

PB83017BS

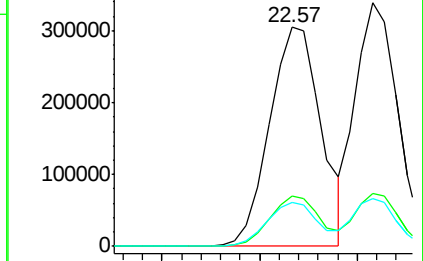
Tgt Ion:	252	Resp:	557826
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.0	27.0
125	20.2	14.2	21.2



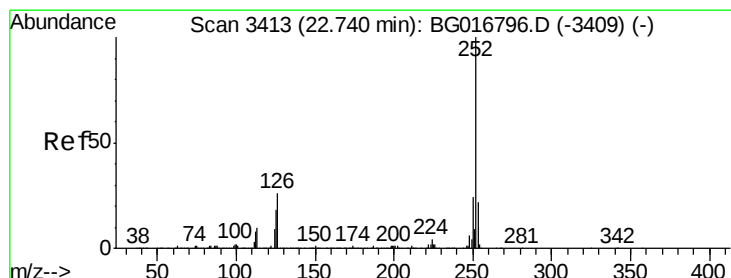
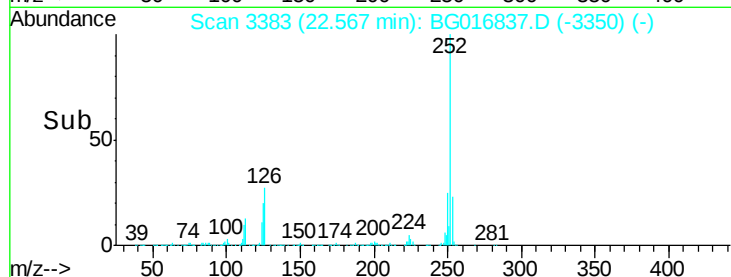
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#88

Benzo(k)fluoranthene

Concen: 40.84 ng

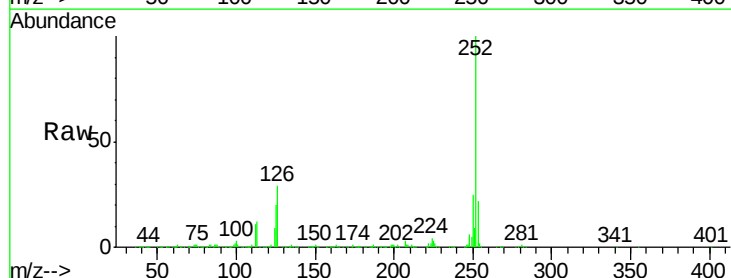
RT: 22.61 min Scan# 3390

Delta R.T. -0.00 min

Lab File: BG016837.D

Acq: 1 May 2015 6:35

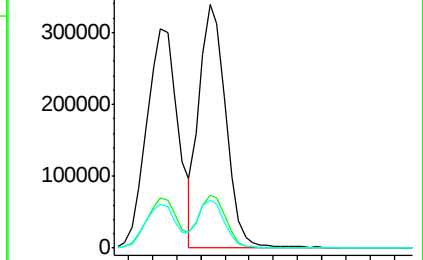
Tgt Ion:	252	Resp:	514565
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.7	26.5
125	19.8	14.5	21.7



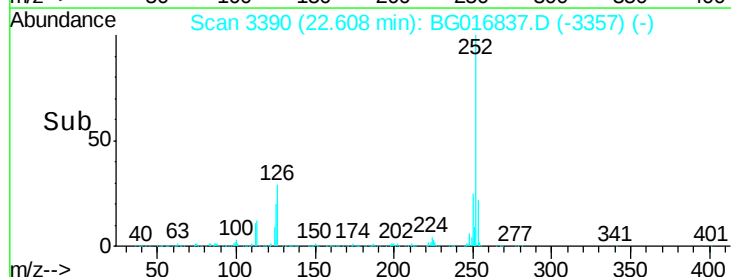
Abundance Ion 252.00 (251.70 to 252.70): E

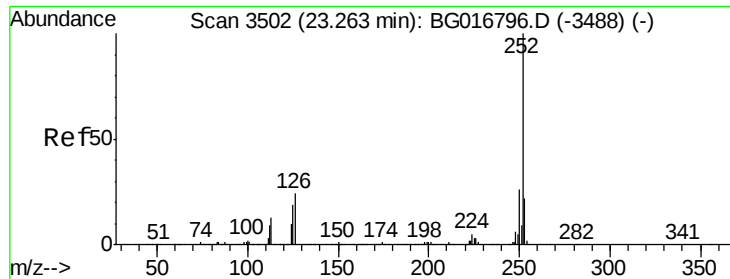
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#89

Benzo(a)pyrene

Concen: 43.48 ng

RT: 23.11 min Scan# 3476

Delta R.T. -0.00 min

Lab File: BG016837.D

Acq: 1 May 2015 6:35

Instrument :

BNA_F

ClientSampleId :

PB83017BS

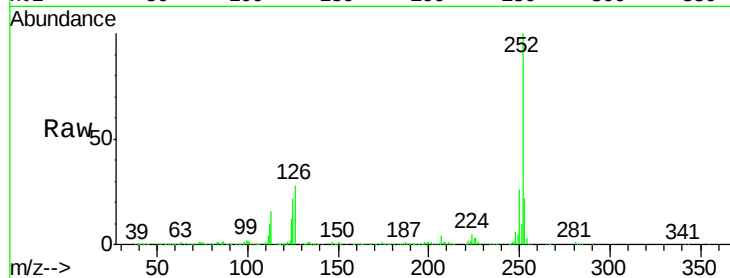
Tgt Ion:252 Resp: 529765

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

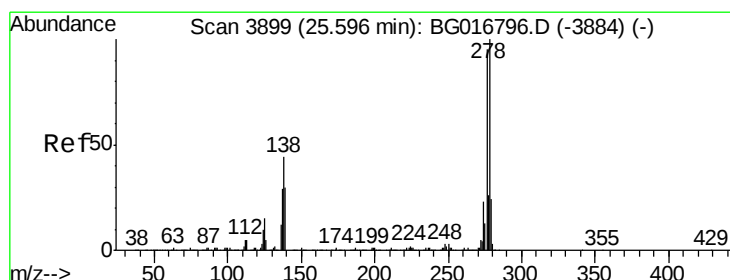
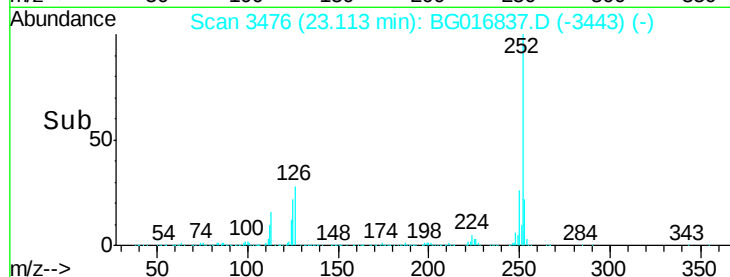
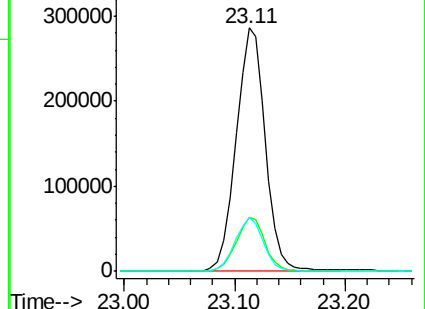
125 22.3 15.0 22.4



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: 39.93 ng

RT: 25.37 min Scan# 3860

Delta R.T. -0.01 min

Lab File: BG016837.D

Acq: 1 May 2015 6:35

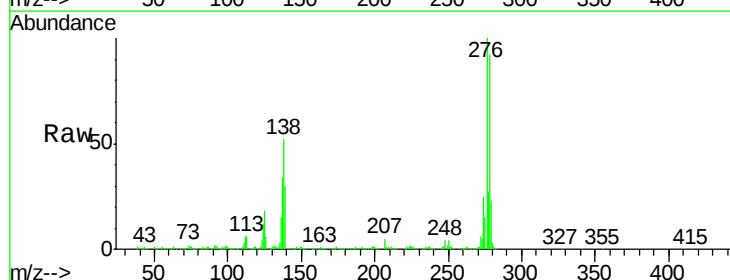
Tgt Ion:278 Resp: 490853

Ion Ratio Lower Upper

278 100

139 32.3 23.9 35.9

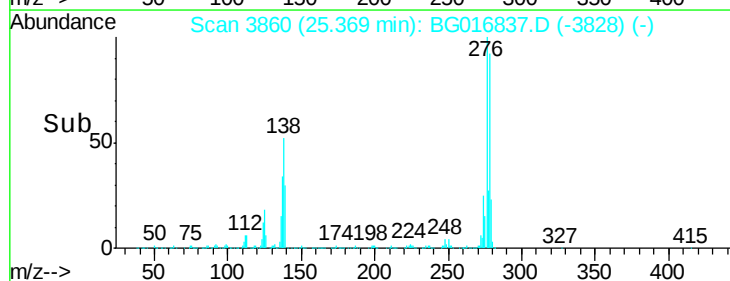
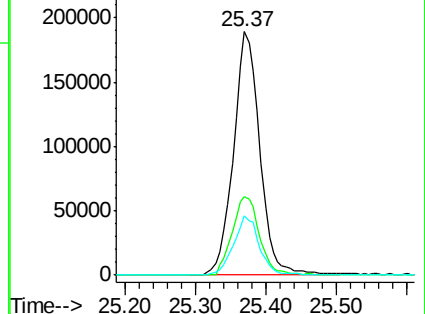
279 24.6 19.4 29.0

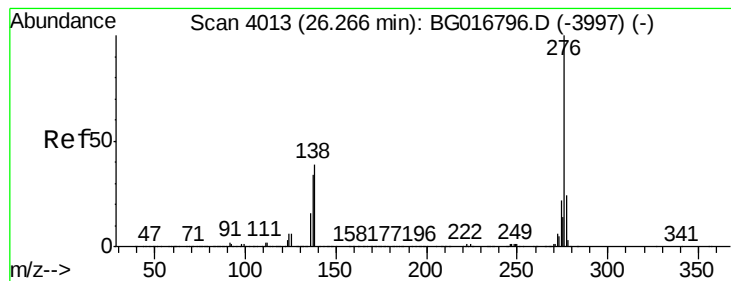


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 40.82 ng

RT: 26.03 min Scan# 3972

Delta R.T. -0.00 min

Lab File: BG016837.D

Acq: 1 May 2015 6:35

Instrument :

BNA_F

ClientSampleId :

PB83017BS

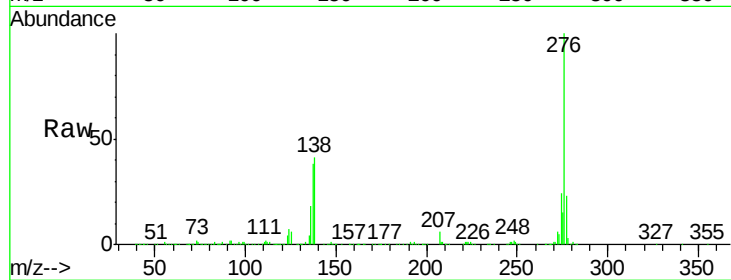
Tgt Ion:276 Resp: 504303

Ion Ratio Lower Upper

276 100

277 23.3 19.6 29.4

138 41.3 31.0 46.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

