

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050515\
 Data File : BG016875.D
 Acq On : 5 May 2015 20:50
 Operator : TP/IZ
 Sample : PB83180BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83180BS

Quant Time: May 06 02:25:37 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 16:13:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	63134	20.00	ng	0.00
21) Naphthalene-d8	10.60	136	282172	20.00	ng	0.00
38) Acenaphthene-d10	14.44	164	191733	20.00	ng	0.00
63) Phenanthrene-d10	17.19	188	433856	20.00	ng	0.00
75) Chrysene-d12	21.36	240	445826	20.00	ng	0.00
86) Perylene-d12	23.67	264	425937	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	533838	147.23	ng	0.00
7) Phenol-d6	6.97	99	735220	141.93	ng	0.00
23) Nitrobenzene-d5	8.96	82	453565	78.53	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	263074	136.67	ng	0.00
44) 2-Fluorobiphenyl	13.07	172	998685	78.60	ng	0.00
78) Terphenyl-d14	19.82	244	1561832	82.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	50847	33.46	ng	# 1
3) Pyridine	3.69	79	155465	33.09	ng	97
4) n-Nitrosodimethylamine	3.61	42	110583	39.43	ng	98
6) Aniline	7.13	93	195958	26.94	ng	96
8) 2-Chlorophenol	7.37	128	181149	43.13	ng	96
9) Benzaldehyde	6.95	77	68422	16.53	ng	96
10) Phenol	7.00	94	252610	45.48	ng	99
11) bis(2-Chloroethyl)ether	7.23	93	172204	40.09	ng	97
12) 1,3-Dichlorobenzene	7.69	146	178040	38.44	ng	98
13) 1,4-Dichlorobenzene	7.84	146	178203	37.98	ng	98
14) 1,2-Dichlorobenzene	8.16	146	176948	39.30	ng	98
15) Benzyl Alcohol	8.04	79	192701	40.73	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.34	45	322375	40.55	ng	98
17) 2-Methylphenol	8.24	107	168678	43.12	ng	97
18) Hexachloroethane	8.88	117	72966	37.83	ng	98
19) n-Nitroso-di-n-propylamine	8.61	70	168833	37.17	ng	# 96
20) 3+4-Methylphenols	8.57	107	235119	43.62	ng	91
22) Acetophenone	8.63	105	273993	40.77	ng	98
24) Nitrobenzene	9.01	77	226721	38.87	ng	99
25) Isophorone	9.53	82	438058	37.56	ng	99
26) 2-Nitrophenol	9.71	139	93750	39.48	ng	99
27) 2,4-Dimethylphenol	9.77	122	192694	44.83	ng	95
28) bis(2-Chloroethoxy)methane	10.01	93	238433	40.50	ng	96
29) 2,4-Dichlorophenol	10.24	162	180684	44.50	ng	99
30) 1,2,4-Trichlorobenzene	10.46	180	170485	39.59	ng	93
31) Naphthalene	10.65	128	544249	38.78	ng	99
32) Benzoic acid	9.90	122	118144	46.14	ng	92
33) 4-Chloroaniline	10.75	127	110940	17.12	ng	96
34) Hexachlorobutadiene	10.94	225	100012	37.11	ng	95
35) Caprolactam	11.52	113	42210	20.01	ng	90
36) 4-Chloro-3-methylphenol	11.88	107	231036	44.44	ng	99
37) 2-Methylnaphthalene	12.26	142	432570	40.47	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.63	216	190325	36.72	ng	# 100
40) Hexachlorocyclopentadiene	12.61	237	270310	80.76	ng	93

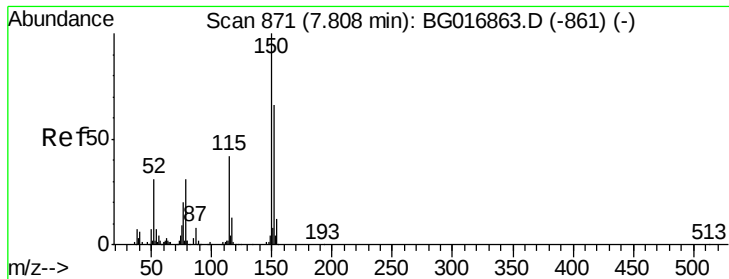
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050515\
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 QLast Update : Tue May 05 16:13:58 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.87	196	147307	40.11	ng	94
43) 2,4,5-Trichlorophenol	12.94	196	161252	41.36	ng	99
45) 1,1'-Biphenyl	13.28	154	549692	40.04	ng	99
46) 2-Chloronaphthalene	13.32	162	416443	38.30	ng	99
47) 2-Nitroaniline	13.52	65	164187	43.38	ng	94
48) Acenaphthylene	14.17	152	731193	38.62	ng	99
49) Dimethylphthalate	13.91	163	573541	40.06	ng	98
50) 2,6-Dinitrotoluene	14.02	165	124147	41.77	ng	95
51) Acenaphthene	14.51	154	445446	39.53	ng	98
52) 3-Nitroaniline	14.35	138	85165	25.18	ng	96
53) 2,4-Dinitrophenol	14.55	184	126954	93.38	ng	98
54) Dibenzofuran	14.84	168	678212	42.38	ng	95
55) 4-Nitrophenol	14.65	139	251690	87.77	ng	97
56) 2,4-Dinitrotoluene	14.81	165	175318	46.10	ng	98
57) Fluorene	15.49	166	584771	41.28	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.07	232	147144	43.74	ng	# 77
59) Diethylphthalate	15.27	149	623586	41.26	ng	99
60) 4-Chlorophenyl-phenylether	15.49	204	290444	40.80	ng	96
61) 4-Nitroaniline	15.51	138	158133	40.33	ng	93
62) Azobenzene	15.78	77	675506	43.16	ng	97
64) 4,6-Dinitro-2-methylphenol	15.57	198	91303	42.44	ng	93
65) n-Nitrosodiphenylamine	15.71	169	520526	39.30	ng	98
66) 4-Bromophenyl-phenylether	16.38	248	175016	40.19	ng	95
67) Hexachlorobenzene	16.49	284	186243	40.56	ng	97
68) Atrazine	16.66	200	201073	42.19	ng	95
69) Pentachlorophenol	16.83	266	257444	86.35	ng	95
70) Phenanthrene	17.23	178	902083	40.40	ng	99
71) Anthracene	17.32	178	912665	40.52	ng	99
72) Carbazole	17.59	167	902129	42.13	ng	99
73) Di-n-butylphthalate	18.16	149	1123491	40.47	ng	99
74) Fluoranthene	19.24	202	1065914	41.15	ng	98
76) Benzidine	19.43	184	494707	32.66	ng	98
77) Pyrene	19.61	202	1087078	41.31	ng	100
79) Butylbenzylphthalate	20.51	149	513237	41.04	ng	99
80) Benzo(a)anthracene	21.35	228	984337	41.16	ng	98
81) 3,3'-Dichlorobenzidine	21.29	252	252132	27.00	ng	99
82) Chrysene	21.41	228	923418	41.22	ng	99
83) Bis(2-ethylhexyl)phthalate	21.29	149	700786	40.97	ng	100
84) Di-n-octyl phthalate	22.19	149	1187327	41.32	ng	# 100
85) Indeno(1,2,3-cd)pyrene	26.05	276	1065472	39.91	ng	# 100
87) Benzo(b)fluoranthene	22.97	252	981832	41.38	ng	99
88) Benzo(k)fluoranthene	23.02	252	930967	40.78	ng	98
89) Benzo(a)pyrene	23.57	252	936079	42.31	ng	99
90) Dibenzo(a,h)anthracene	26.06	278	903539	39.98	ng	98
91) Benzo(g,h,i)perylene	26.77	276	872594	40.54	ng	100

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

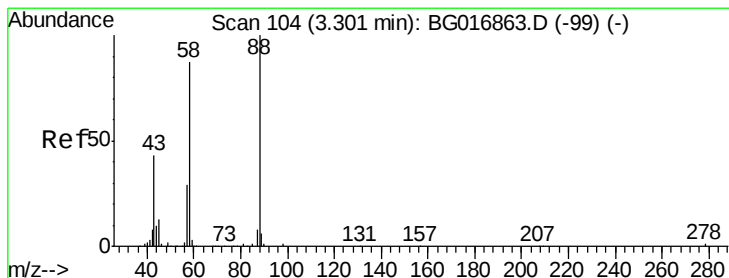
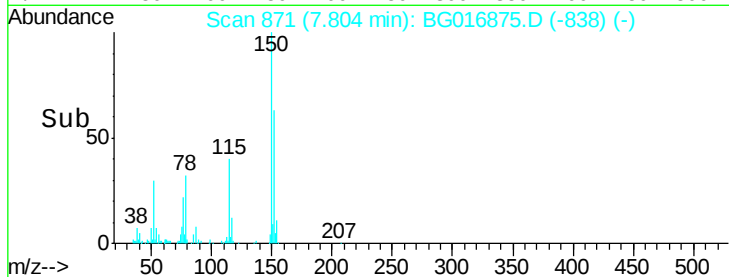
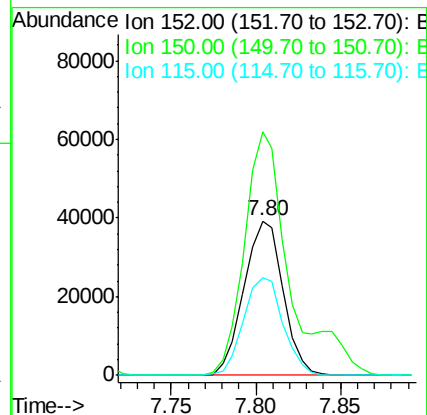
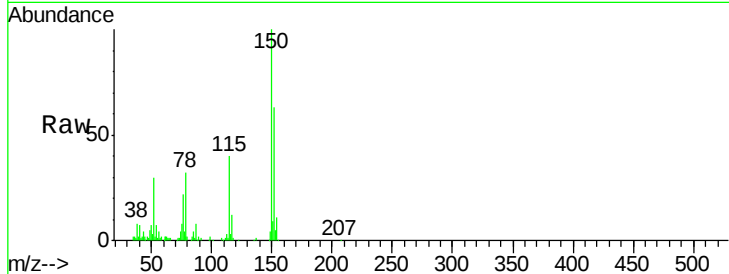


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.80 min Scan# 871
Delta R.T. -0.00 min
Lab File: BG016875.D
Acq: 5 May 2015 20:50

Instrument :
BNA_F
ClientSampleId :
PB83180BS

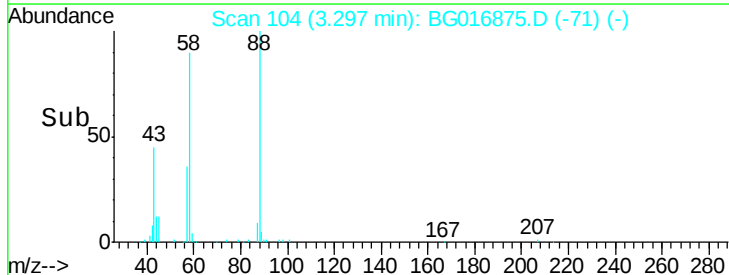
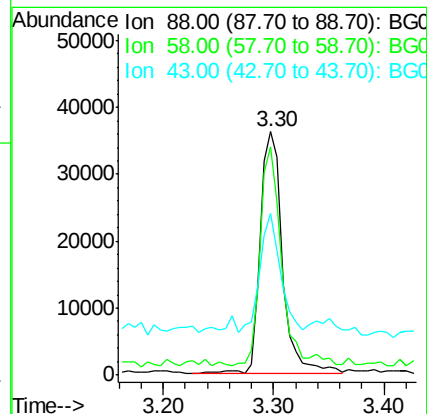
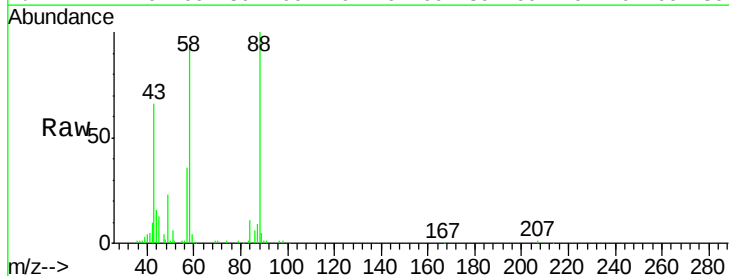
Tgt Ion:152 Resp: 63134
Ion Ratio Lower Upper
152 100
150 158.1 121.0 181.4
115 63.5 50.5 75.7

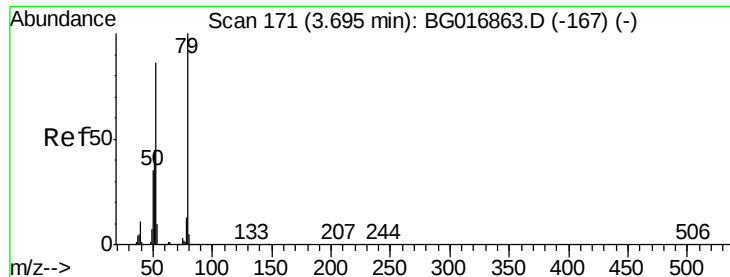


#2

1,4-Dioxane
Concen: 33.46 ng
RT: 3.30 min Scan# 104
Delta R.T. -0.00 min
Lab File: BG016875.D
Acq: 5 May 2015 20:50

Tgt Ion: 88 Resp: 50847
Ion Ratio Lower Upper
88 100
58 84.8 0.1 0.1#
43 47.7 1.3 1.9#





#3

Pyridine

Concen: 33.09 ng

RT: 3.69 min Scan# 170

Delta R.T. -0.01 min

Lab File: BG016875.D

Acq: 5 May 2015 20:50

Instrument :

BNA_F

ClientSampleId :

PB83180BS

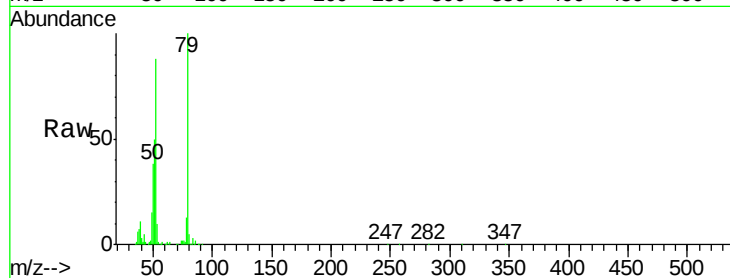
Tgt Ion: 79 Resp: 155465

Ion Ratio Lower Upper

79 100

52 88.4 68.5 102.7

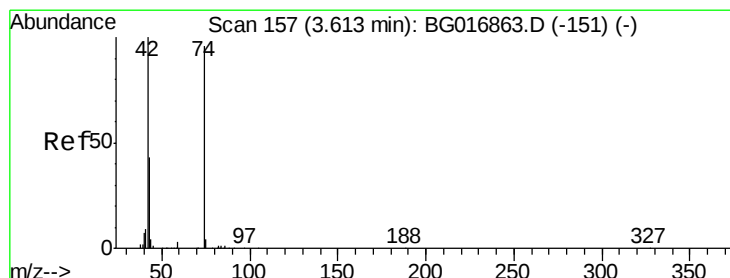
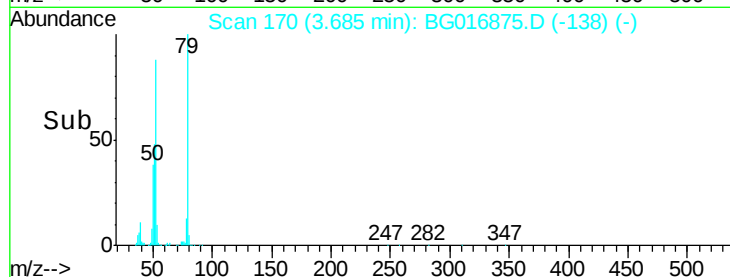
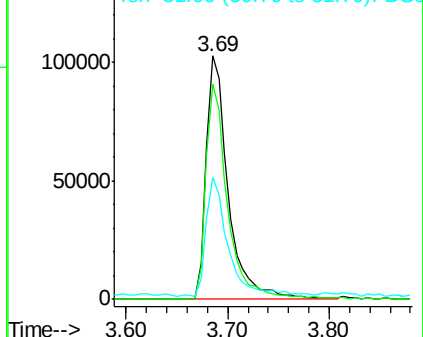
51 49.9 37.8 56.8



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 39.43 ng

RT: 3.61 min Scan# 157

Delta R.T. -0.00 min

Lab File: BG016875.D

Acq: 5 May 2015 20:50

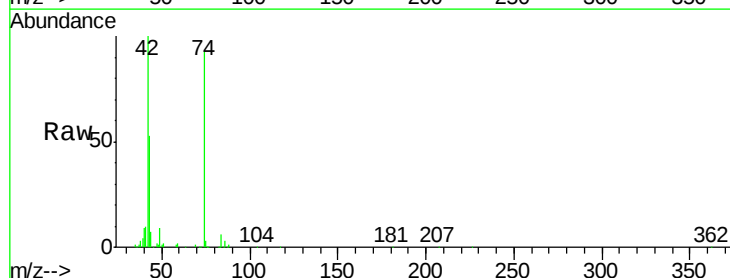
Tgt Ion: 42 Resp: 110583

Ion Ratio Lower Upper

42 100

74 92.9 76.2 114.2

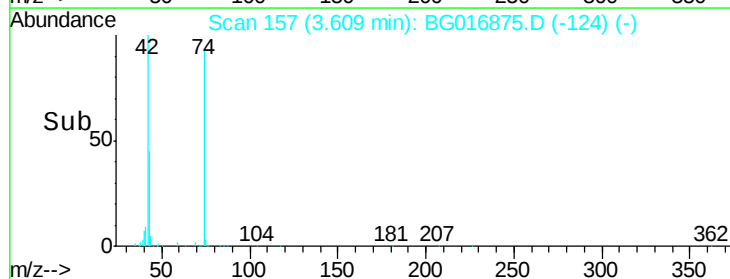
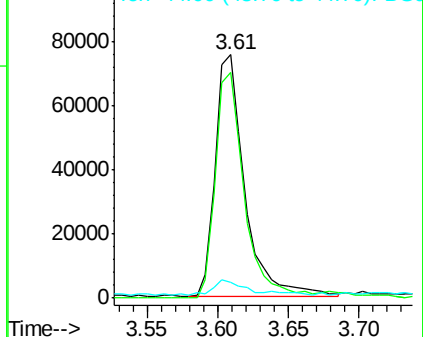
44 6.6 4.9 7.3

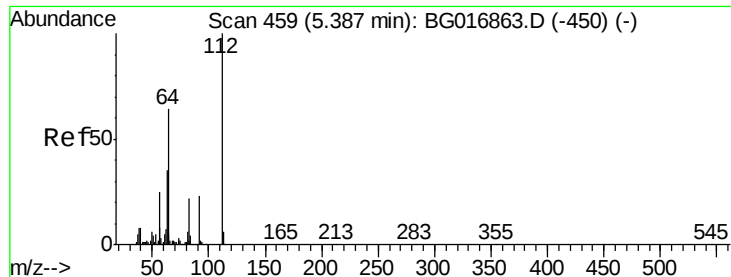


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 147.23 ng

RT: 5.39 min Scan# 460

Delta R.T. 0.00 min

Lab File: BG016875.D

Acq: 5 May 2015 20:50

Instrument :

BNA_F

ClientSampleId :

PB83180BS

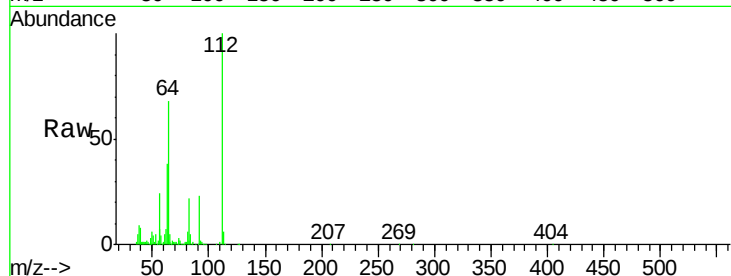
Tgt Ion: 112 Resp: 533838

Ion Ratio Lower Upper

112 100

64 68.4 51.4 77.2

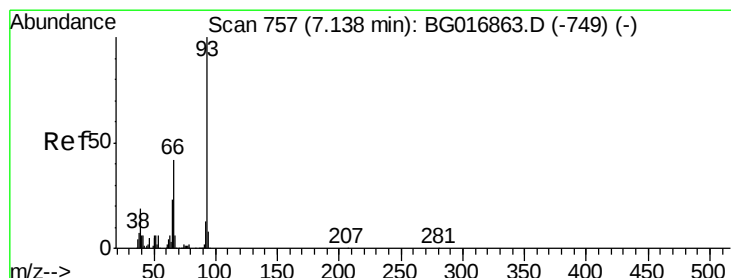
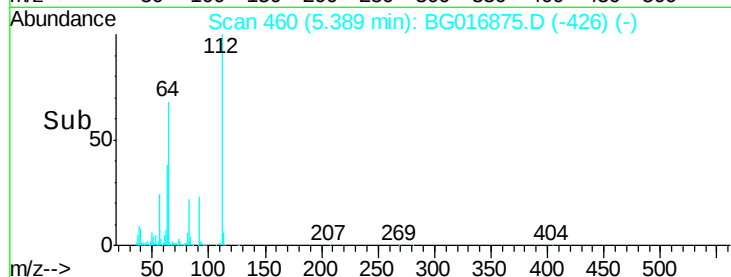
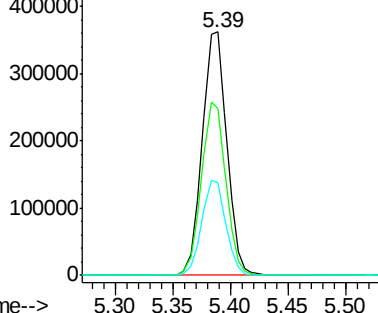
63 38.2 28.1 42.1



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: 26.94 ng

RT: 7.13 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG016875.D

Acq: 5 May 2015 20:50

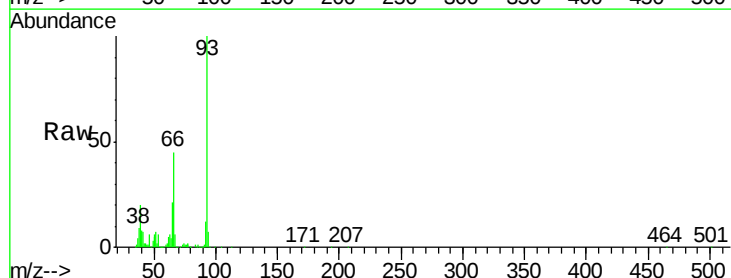
Tgt Ion: 93 Resp: 195958

Ion Ratio Lower Upper

93 100

66 44.9 33.8 50.6

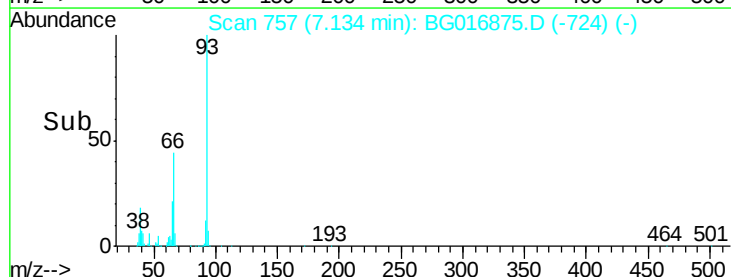
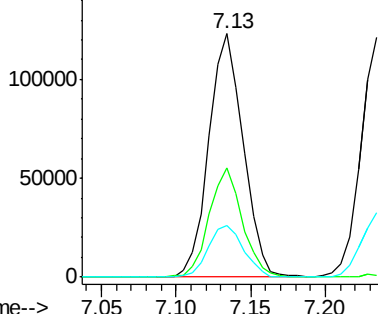
65 21.1 18.7 28.1

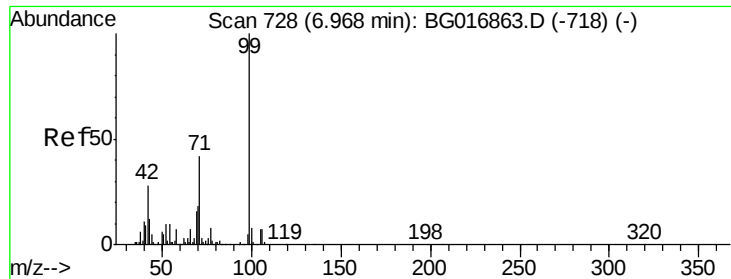


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 141.93 ng

RT: 6.97 min Scan# 729

Delta R.T. 0.00 min

Lab File: BG016875.D

Acq: 5 May 2015 20:50

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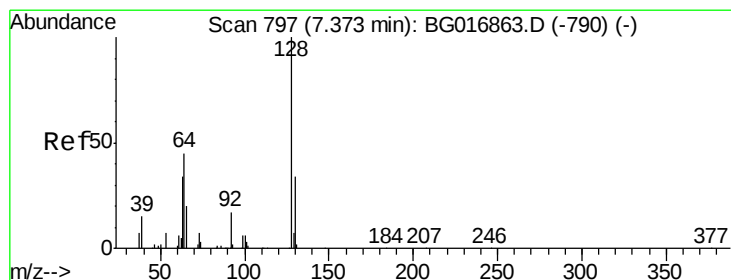
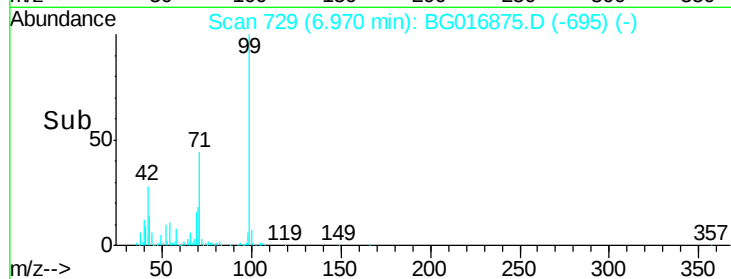
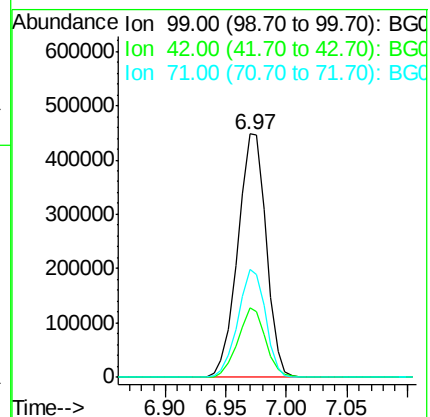
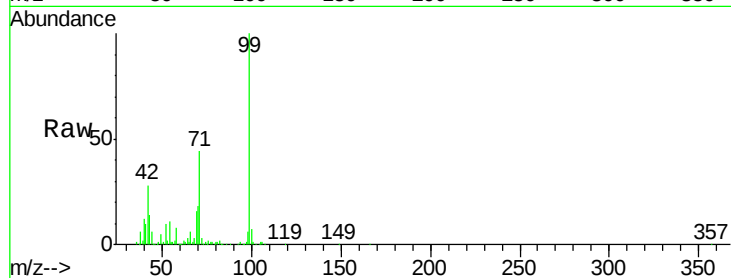
Tgt Ion: 99 Resp: 735220

Ion Ratio Lower Upper

99 100

42 28.4 22.1 33.1

71 44.4 33.4 50.0



#8

2-Chlorophenol

Concen: 43.13 ng

RT: 7.37 min Scan# 797

Delta R.T. -0.00 min

Lab File: BG016875.D

Acq: 5 May 2015 20:50

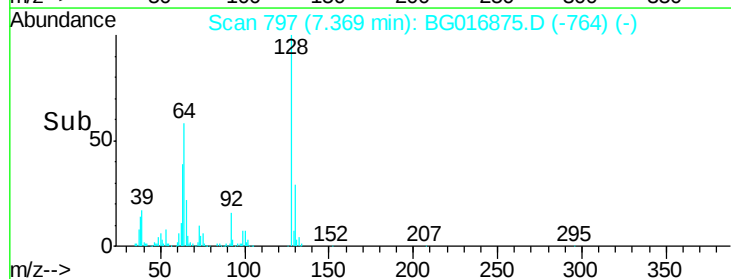
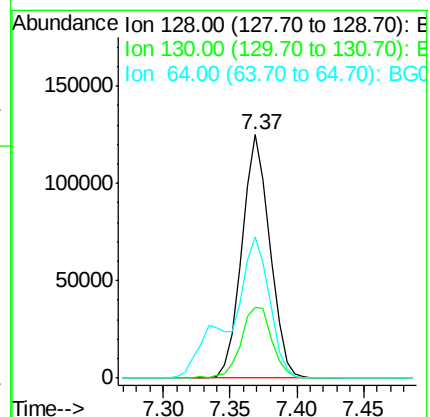
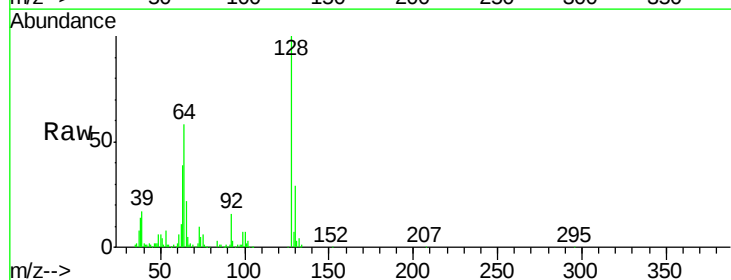
Tgt Ion: 128 Resp: 181149

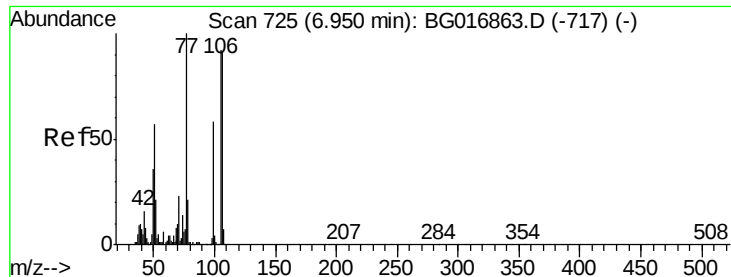
Ion Ratio Lower Upper

128 100

130 29.2 14.4 54.4

64 58.0 38.4 78.4





#9

Benzaldehyde

Concen: 16.53 ng

RT: 6.95 min Scan# 725

Delta R.T. -0.00 min

Lab File: BG016875.D

Acq: 5 May 2015 20:50

Instrument :

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ClientSampleId :

PB83180BS

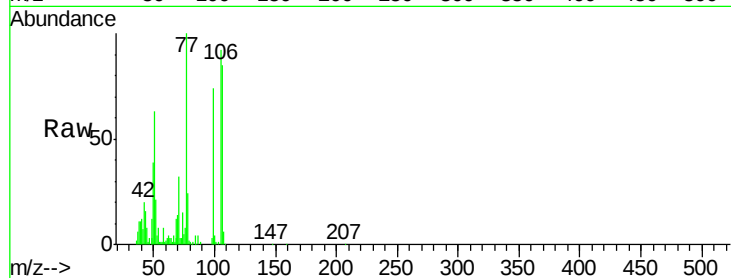
Tgt Ion: 77 Resp: 68422

Ion Ratio Lower Upper

77 100

105 92.4 71.6 111.6

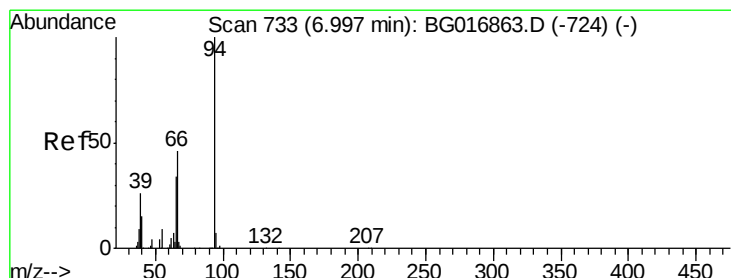
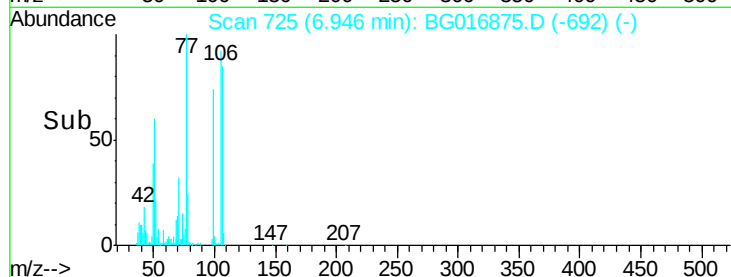
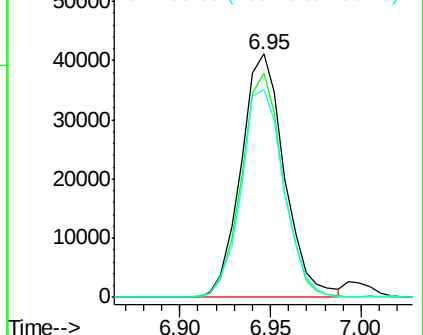
106 85.2 71.5 111.5



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 45.48 ng

RT: 7.00 min Scan# 734

Delta R.T. 0.00 min

Lab File: BG016875.D

Acq: 5 May 2015 20:50

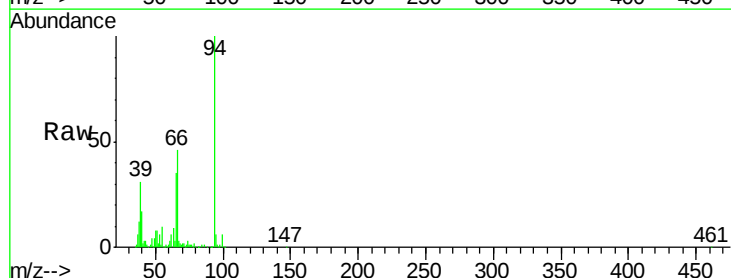
Tgt Ion: 94 Resp: 252610

Ion Ratio Lower Upper

94 100

65 34.9 14.3 54.3

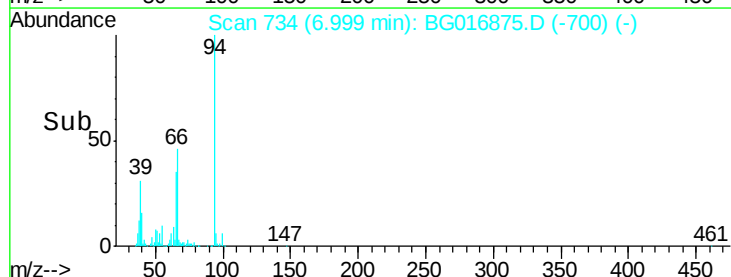
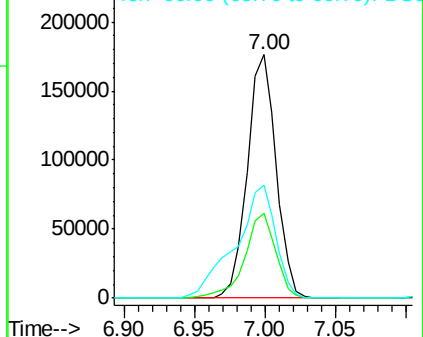
66 46.3 26.9 66.9

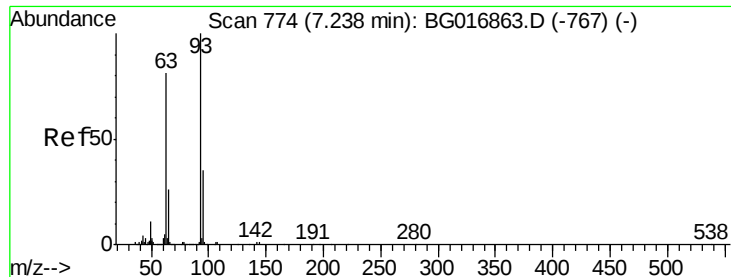


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

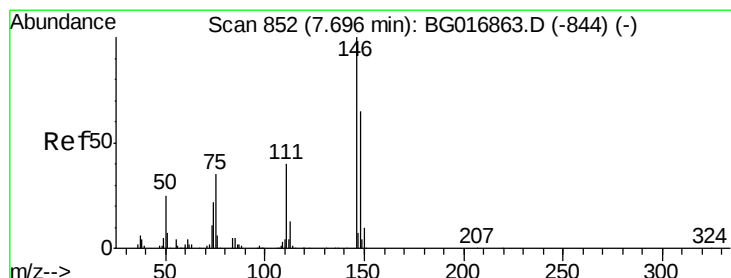
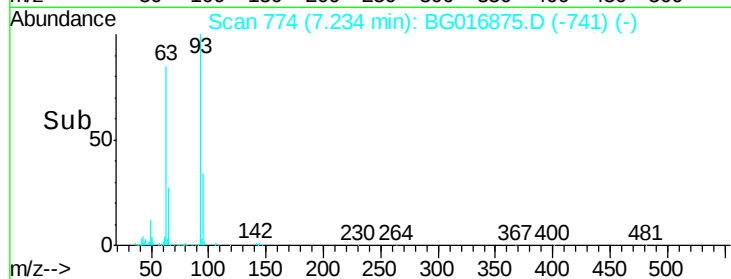
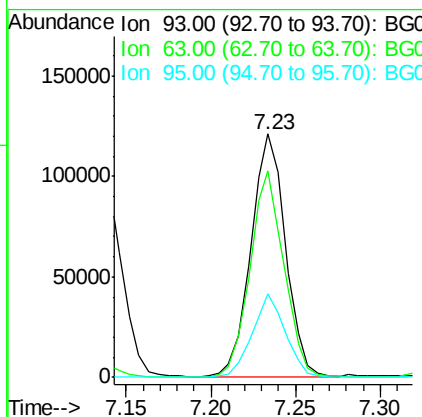
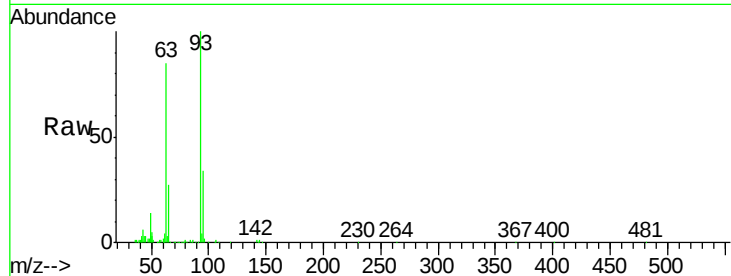




#11
 bis(2-Chloroethyl)ether
 Concen: 40.09 ng
 RT: 7.23 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: BG016875.D
 Acq: 5 May 2015 20:50

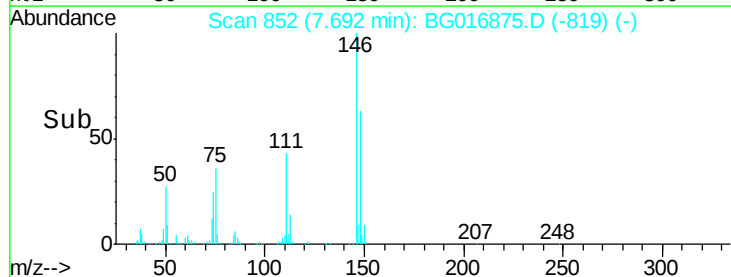
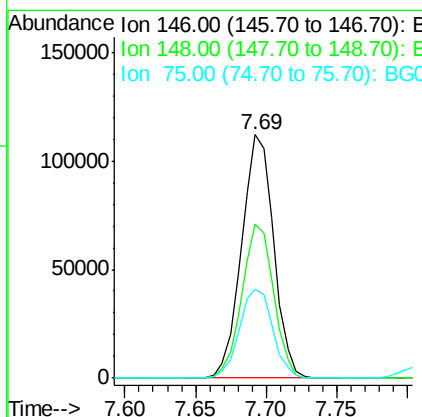
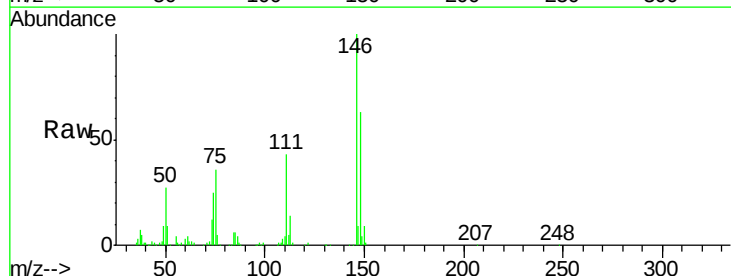
Instrument :
 BNA_F
 ClientSampleId :
 PB83180BS

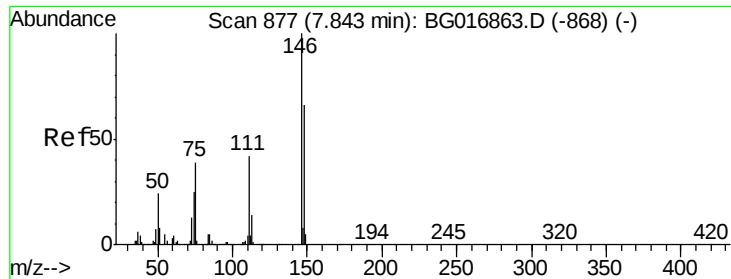
Tgt Ion: 93 Resp: 172204
 Ion Ratio Lower Upper
 93 100
 63 85.0 61.2 101.2
 95 34.2 15.0 55.0



#12
 1,3-Dichlorobenzene
 Concen: 38.44 ng
 RT: 7.69 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG016875.D
 Acq: 5 May 2015 20:50

Tgt Ion: 146 Resp: 178040
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.9 77.9
 75 36.5 28.2 42.2

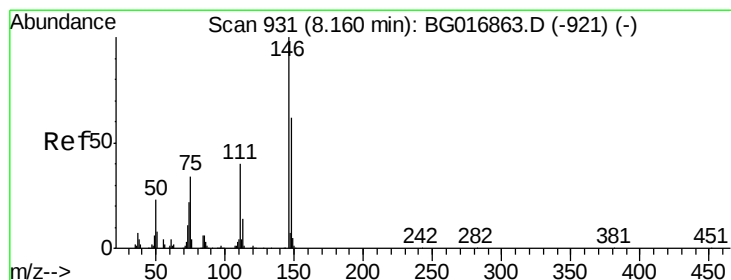
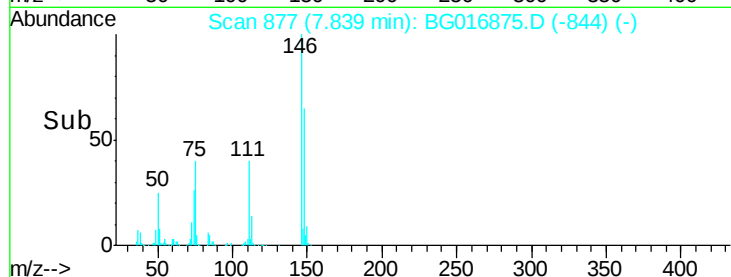
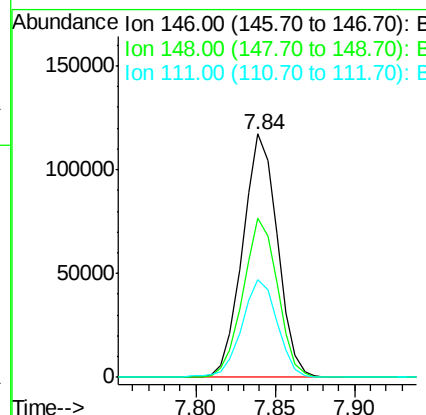
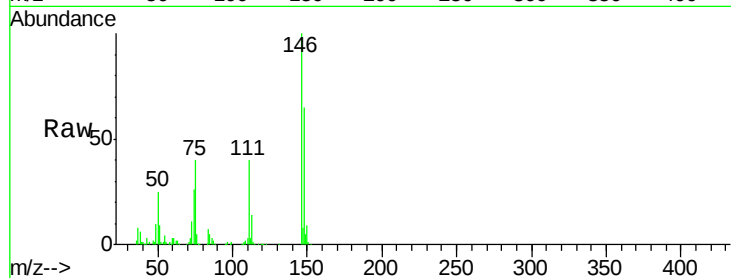




#13
 1,4-Dichlorobenzene
 Concen: 37.98 ng
 RT: 7.84 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BG016875.D
 Acq: 5 May 2015 20:50

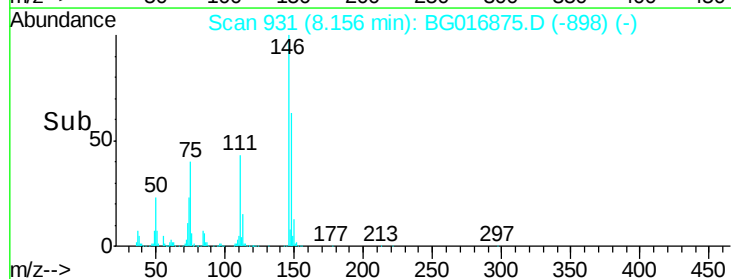
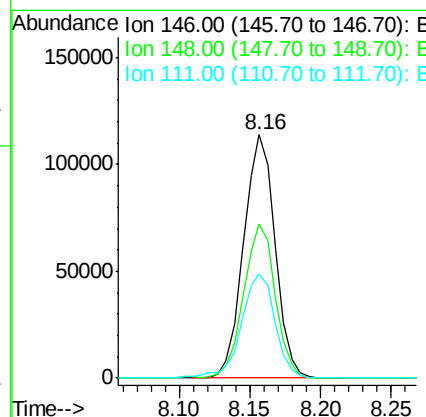
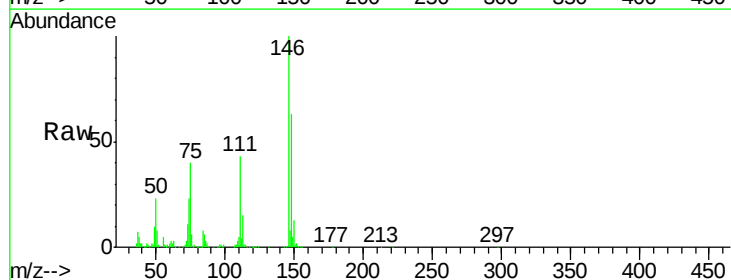
Instrument :
 BNA_F
 ClientSampleId :
 PB83180BS

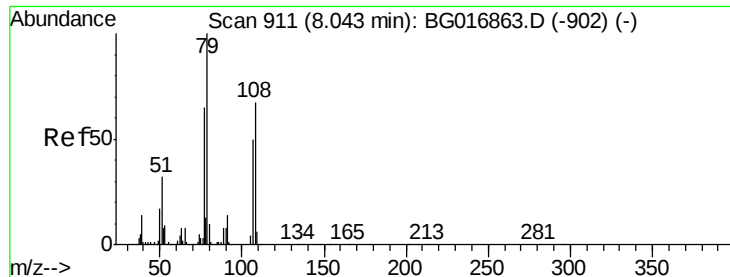
Tgt Ion:146 Resp: 178203
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.8 79.2
 111 40.0 33.9 50.9



#14
 1,2-Dichlorobenzene
 Concen: 39.30 ng
 RT: 8.16 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BG016875.D
 Acq: 5 May 2015 20:50

Tgt Ion:146 Resp: 176948
 Ion Ratio Lower Upper
 146 100
 148 63.0 49.9 74.9
 111 42.7 32.1 48.1





#15

Benzyl Alcohol

Concen: 40.73 ng

RT: 8.04 min Scan# 912

Delta R.T. 0.00 min

Lab File: BG016875.D

Acq: 5 May 2015 20:50

Instrument :

BNA_F

ClientSampleId :

PB83180BS

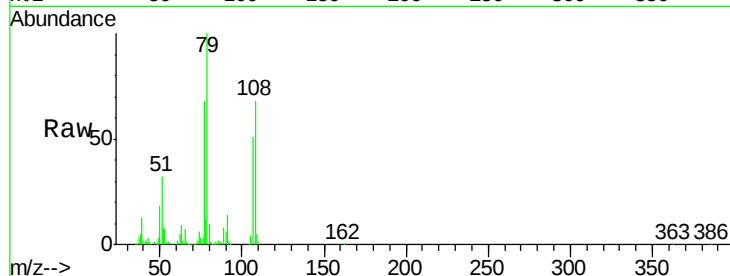
Tgt Ion: 79 Resp: 192701

Ion Ratio Lower Upper

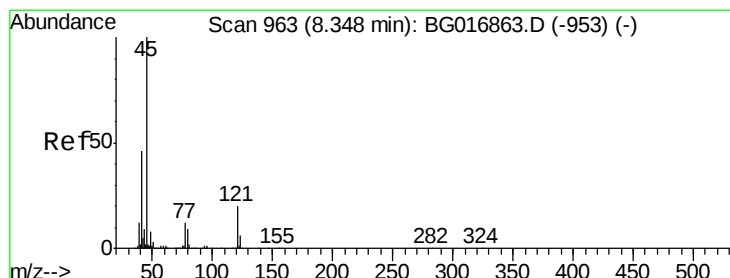
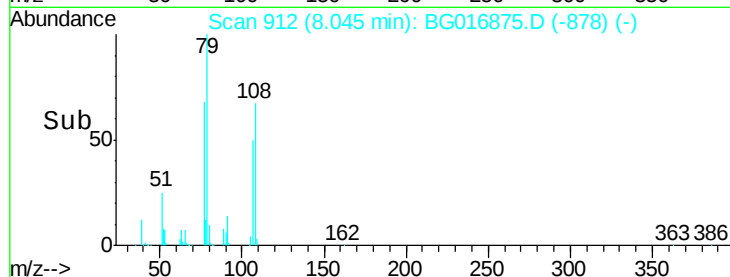
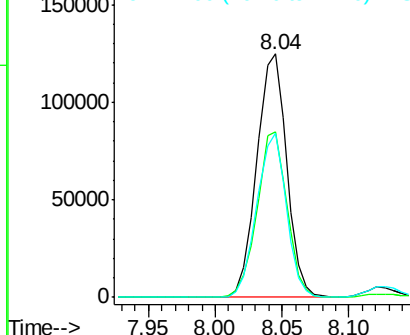
79 100

108 67.7 53.4 80.2

77 67.6 52.2 78.2



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.55 ng

RT: 8.34 min Scan# 963

Delta R.T. -0.00 min

Lab File: BG016875.D

Acq: 5 May 2015 20:50

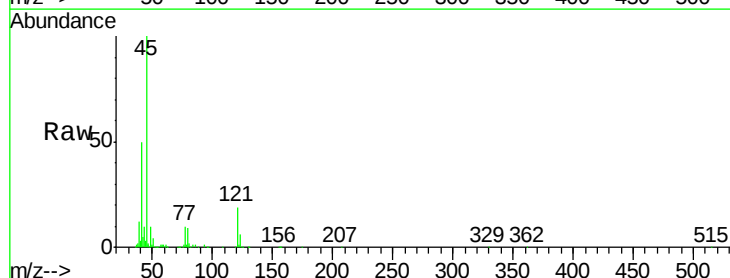
Tgt Ion: 45 Resp: 322375

Ion Ratio Lower Upper

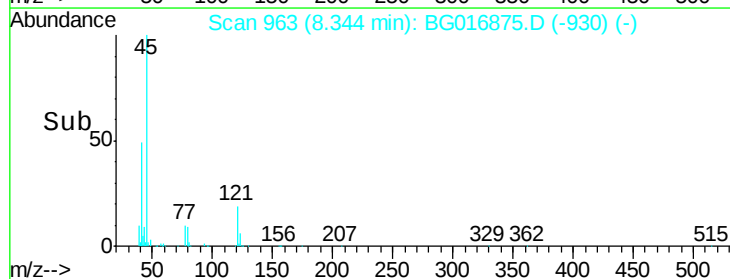
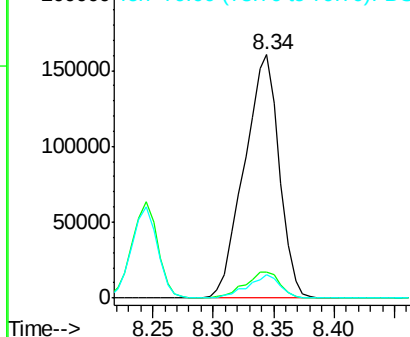
45 100

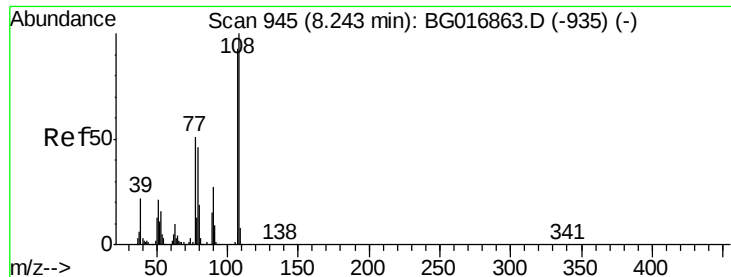
77 10.5 0.0 31.8

79 9.4 0.0 29.1



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

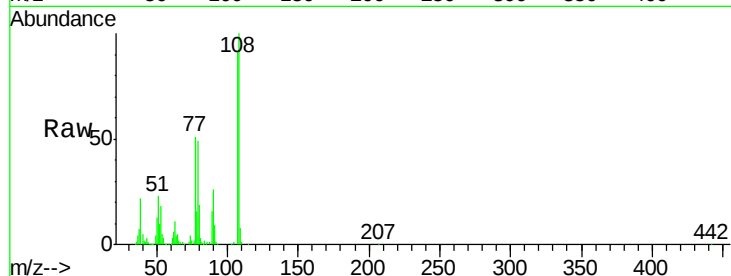




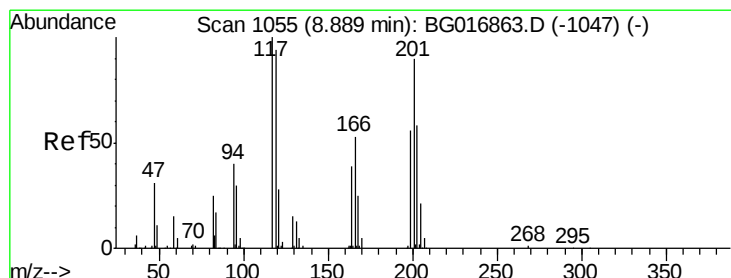
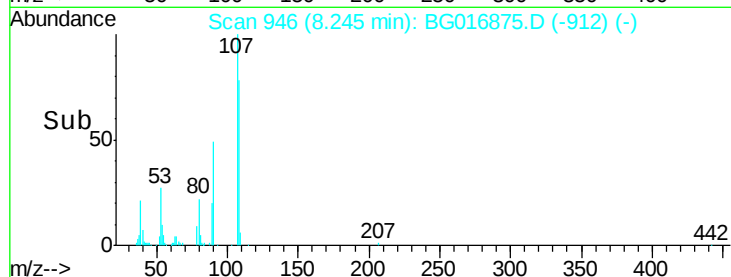
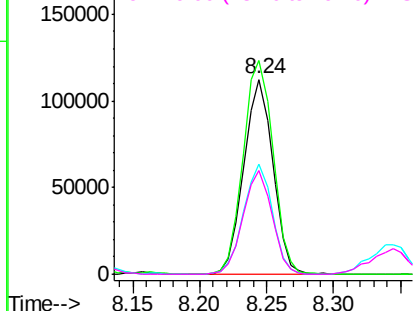
#17
 2-Methylphenol
 Concen: 43.12 ng
 RT: 8.24 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BG016875.D
 Acq: 5 May 2015 20:50

Instrument :
 BNA_F
 ClientSampleId :
 PB83180BS

Tgt Ion:107 Resp: 168678
 Ion Ratio Lower Upper
 107 100
 108 109.4 85.9 128.9
 77 56.3 43.8 65.6
 79 53.4 39.8 59.6

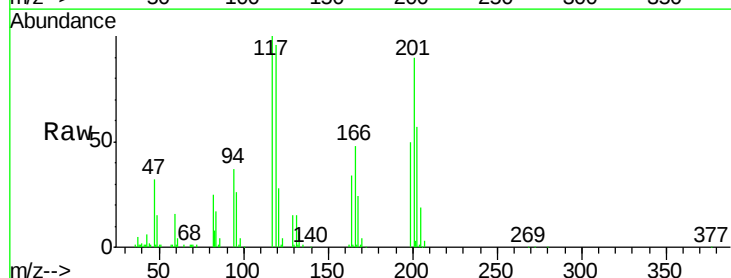


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BG
 Ion 79.00 (78.70 to 79.70): BG

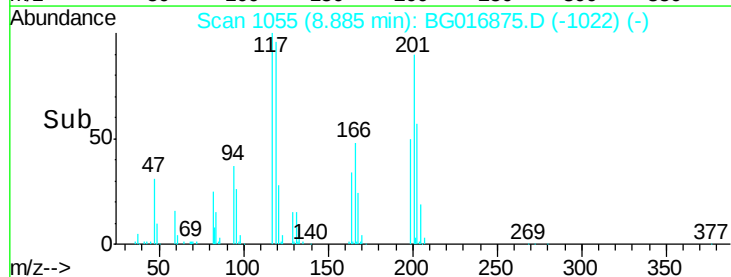
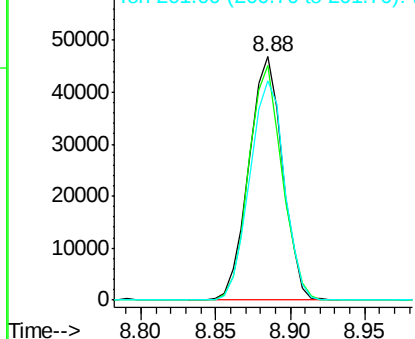


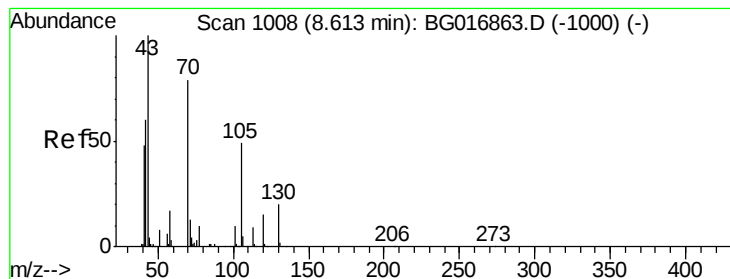
#18
 Hexachloroethane
 Concen: 37.83 ng
 RT: 8.88 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: BG016875.D
 Acq: 5 May 2015 20:50

Tgt Ion:117 Resp: 72966
 Ion Ratio Lower Upper
 117 100
 119 96.3 74.8 112.2
 201 90.0 72.1 108.1



Abundance Ion 117.00 (116.70 to 117.70): E
 Ion 119.00 (118.70 to 119.70): E
 Ion 201.00 (200.70 to 201.70): E

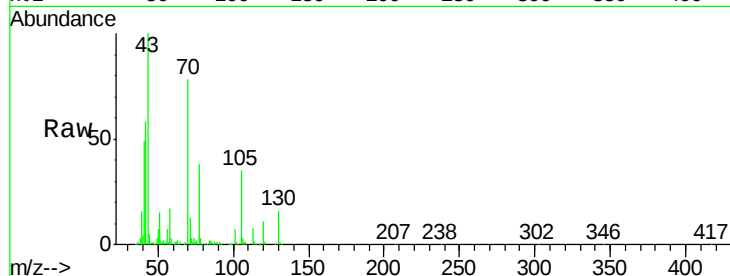




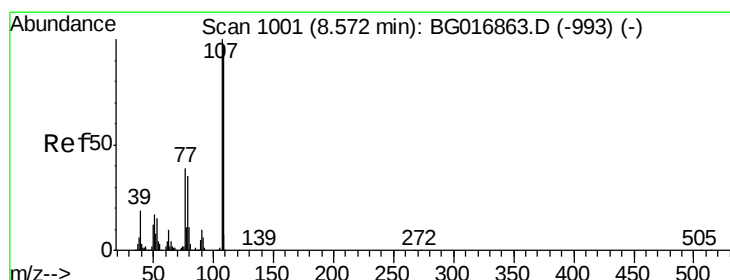
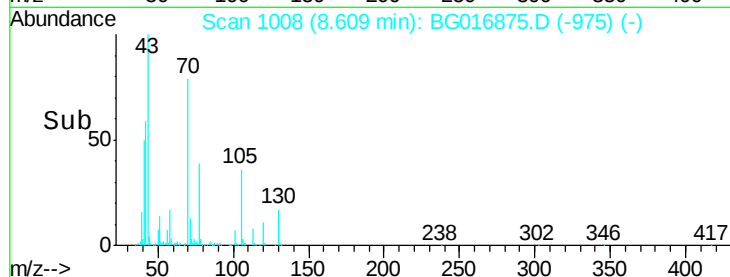
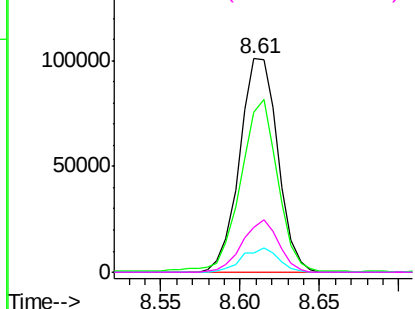
#19
n-Nitroso-di-n-propylamine
Concen: 37.17 ng
RT: 8.61 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BG016875.D
Acq: 5 May 2015 20:50

Instrument :
BNA_F
ClientSampleId :
PB83180BS

Tgt Ion: 70 Resp: 168833
Ion Ratio Lower Upper
70 100
42 75.0 61.5 92.3
101 9.3 9.8 14.6#
130 21.3 20.2 30.4

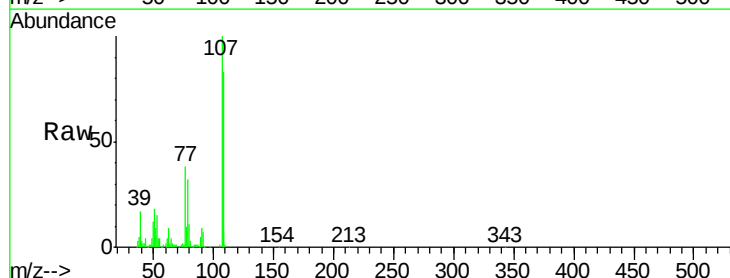


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

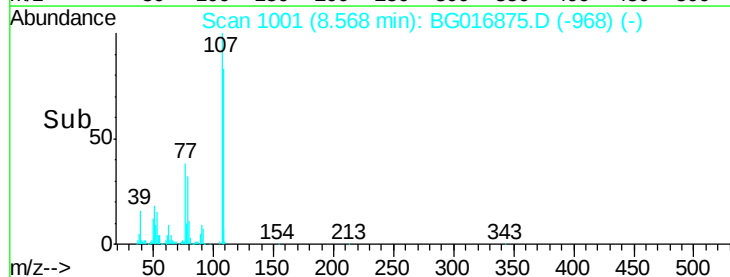
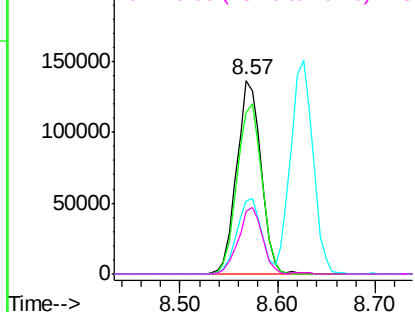


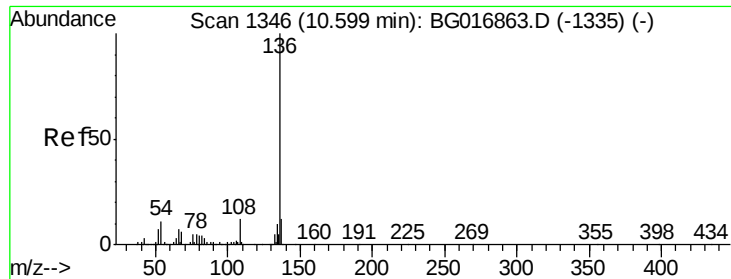
#20
3+4-Methylphenols
Concen: 43.62 ng
RT: 8.57 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BG016875.D
Acq: 5 May 2015 20:50

Tgt Ion: 107 Resp: 235119
Ion Ratio Lower Upper
107 100
108 83.5 76.6 116.6
77 37.9 19.0 59.0
79 32.2 15.0 55.0



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

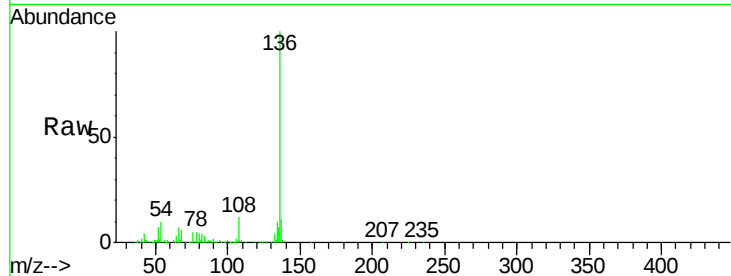




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.60 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BG016875.D
Acq: 5 May 2015 20:50

Instrument :
BNA_F
ClientSampleId :
PB83180BS

Tgt Ion:	136	Resp:	282172
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.8	14.8
54	10.3	8.7	13.1
68	6.4	5.0	7.4



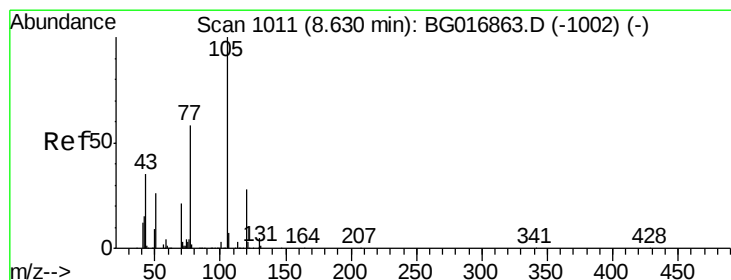
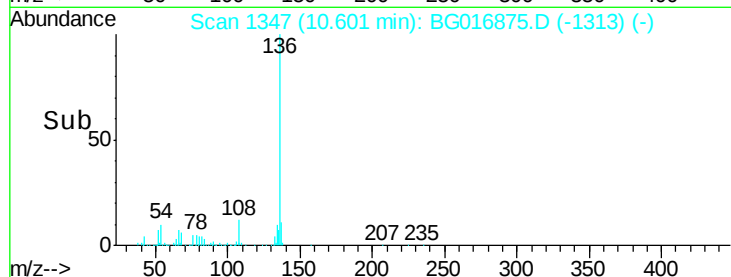
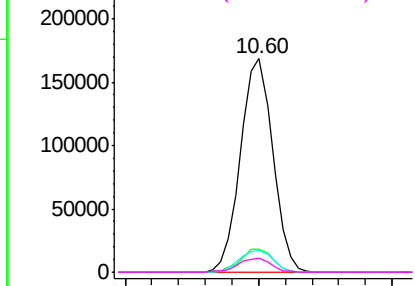
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

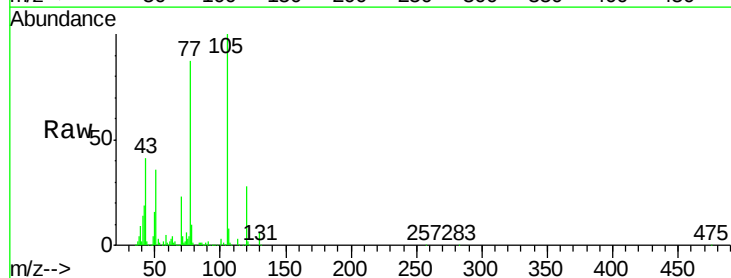
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 40.77 ng
RT: 8.63 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BG016875.D
Acq: 5 May 2015 20:50

Tgt Ion:	105	Resp:	273993
Ion	Ratio	Lower	Upper
105	100		
71	4.0	2.8	4.2
51	35.7	29.4	44.2
120	28.5	22.2	33.4



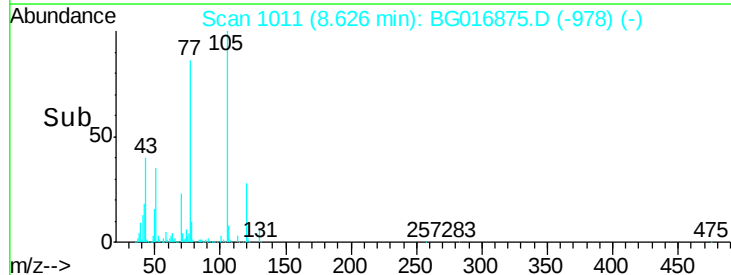
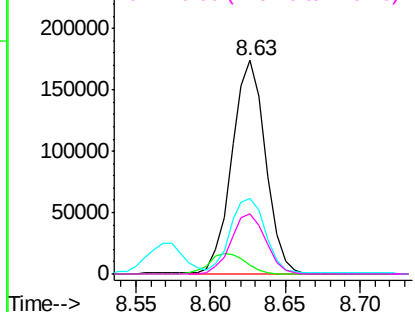
Abundance

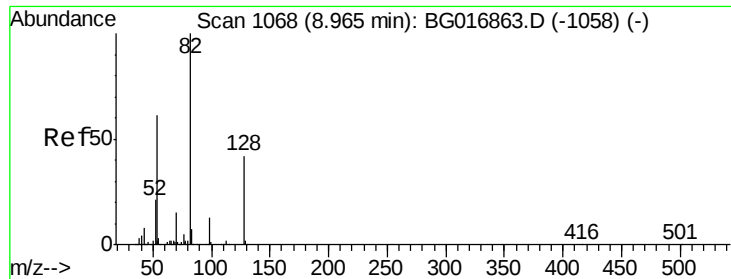
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

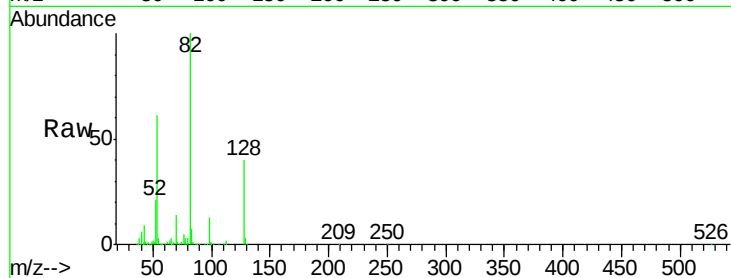




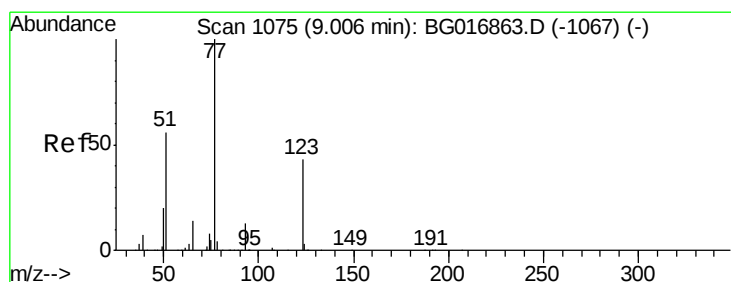
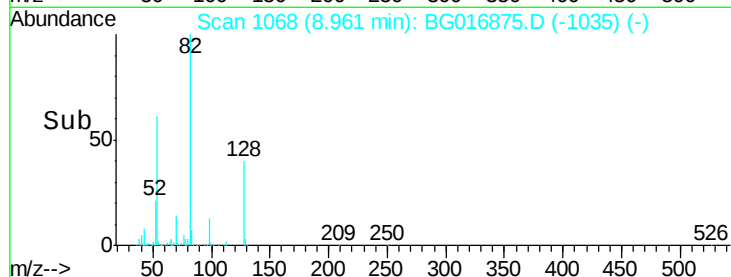
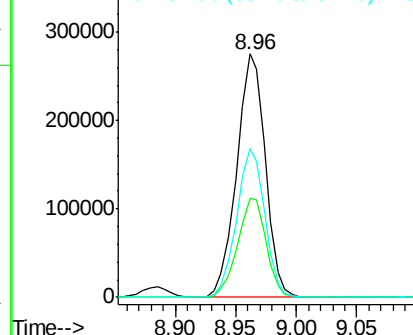
#23
 Nitrobenzene-d5
 Concen: 78.53 ng
 RT: 8.96 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: BG016875.D
 Acq: 5 May 2015 20:50

Instrument :
 BNA_F
 ClientSampleId :
 PB83180BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.4	33.2	49.8
54	61.0	48.6	72.8

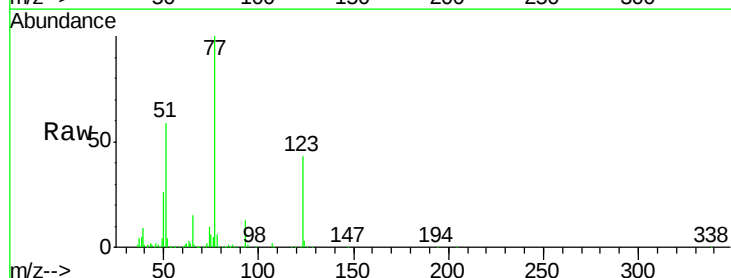


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

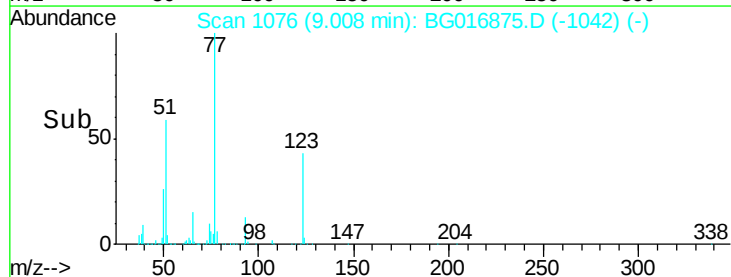
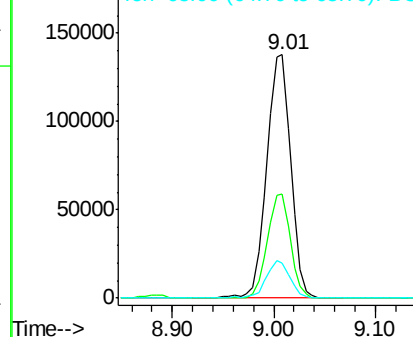


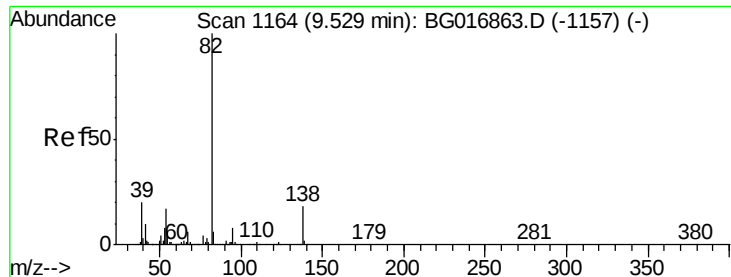
#24
 Nitrobenzene
 Concen: 38.87 ng
 RT: 9.01 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: BG016875.D
 Acq: 5 May 2015 20:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.7	34.0	51.0
65	14.5	11.2	16.8



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





#25

Isophorone

Concen: 37.56 ng

RT: 9.53 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BG016875.D

Acq: 5 May 2015 20:50

Instrument :

BNA_F

ClientSampleId :

PB83180BS

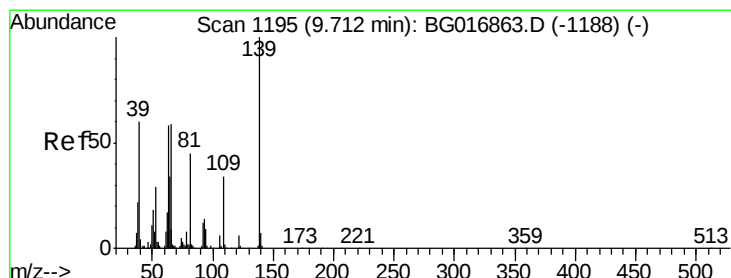
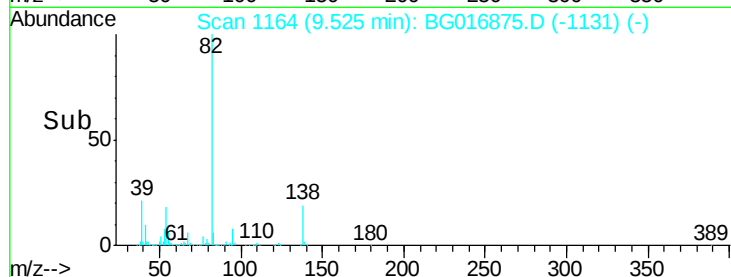
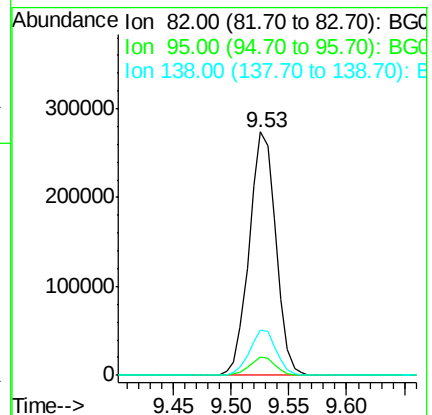
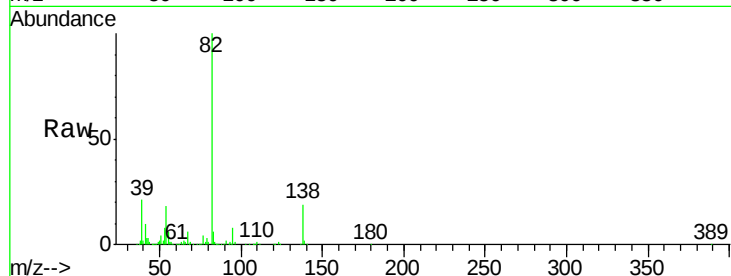
Tgt Ion: 82 Resp: 438058

Ion Ratio Lower Upper

82 100

95 7.7 6.7 10.1

138 18.6 14.7 22.1



#26

2-Nitrophenol

Concen: 39.48 ng

RT: 9.71 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BG016875.D

Acq: 5 May 2015 20:50

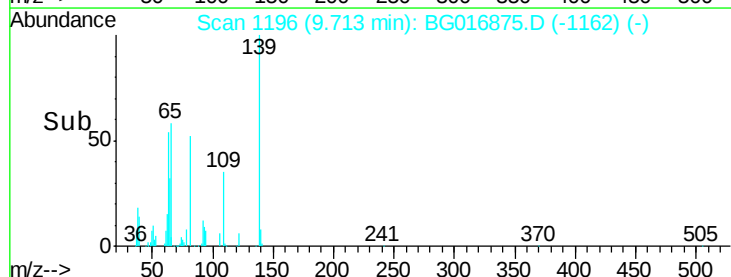
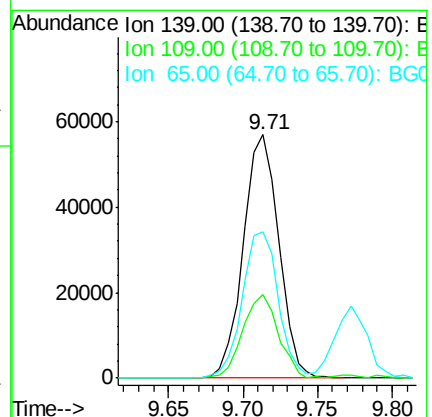
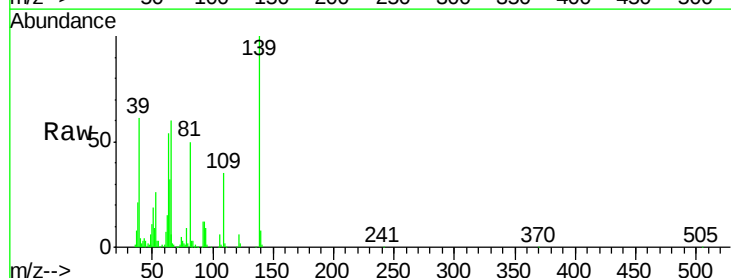
Tgt Ion: 139 Resp: 93750

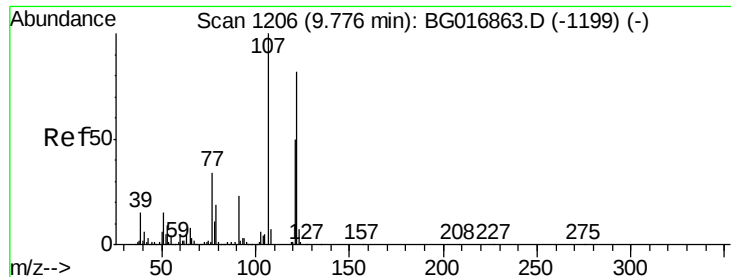
Ion Ratio Lower Upper

139 100

109 34.5 27.4 41.2

65 59.9 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 44.83 ng

RT: 9.77 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BG016875.D

Acq: 5 May 2015 20:50

Instrument :

BNA_F

ClientSampleId :

PB83180BS

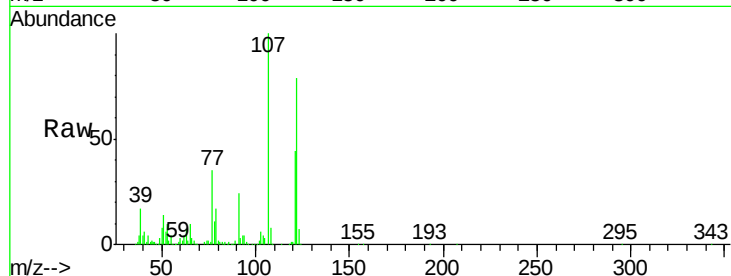
Tgt Ion:122 Resp: 192694

Ion Ratio Lower Upper

122 100

107 127.2 97.6 146.4

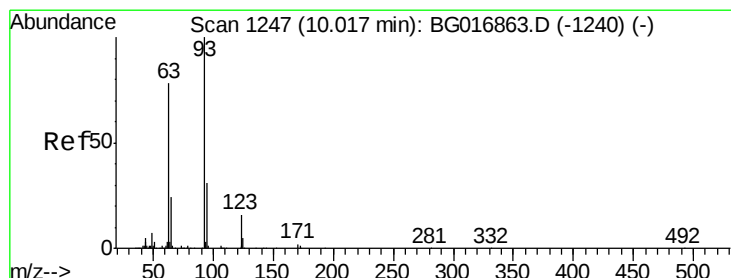
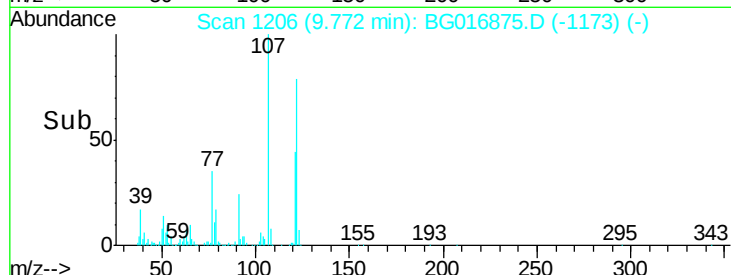
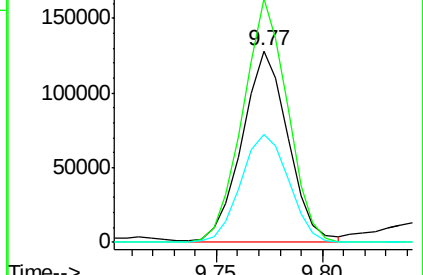
121 56.1 48.4 72.6



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: 40.50 ng

RT: 10.01 min Scan# 1247

Delta R.T. -0.00 min

Lab File: BG016875.D

Acq: 5 May 2015 20:50

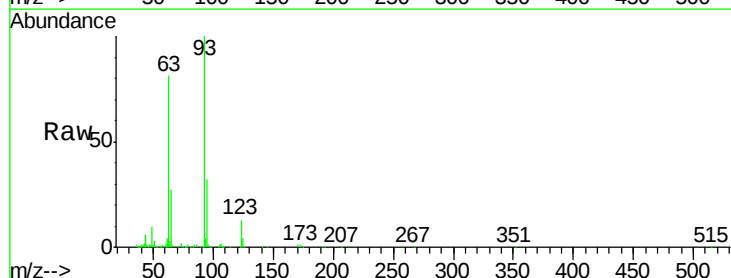
Tgt Ion: 93 Resp: 238433

Ion Ratio Lower Upper

93 100

95 32.4 24.8 37.2

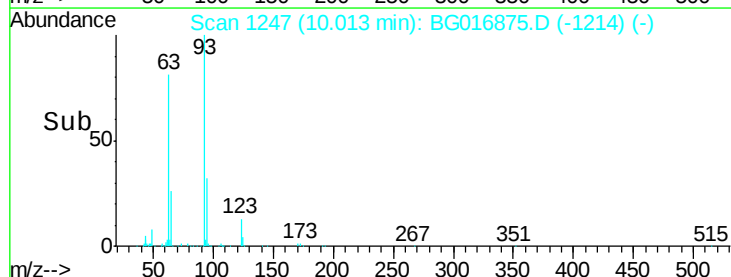
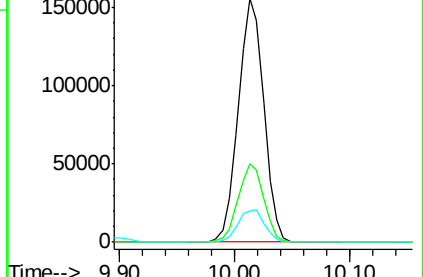
123 13.0 12.6 19.0

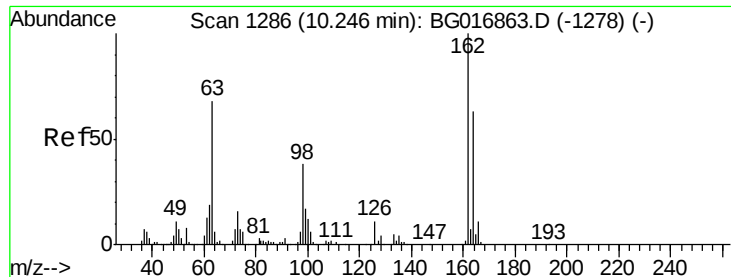


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

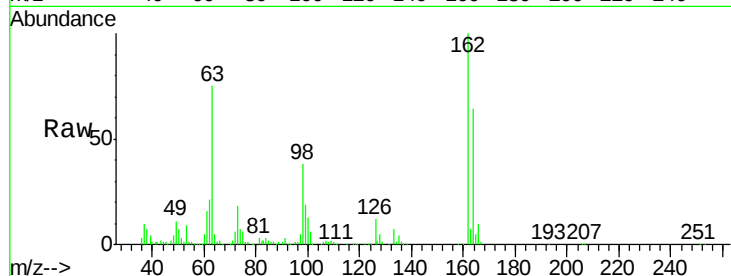




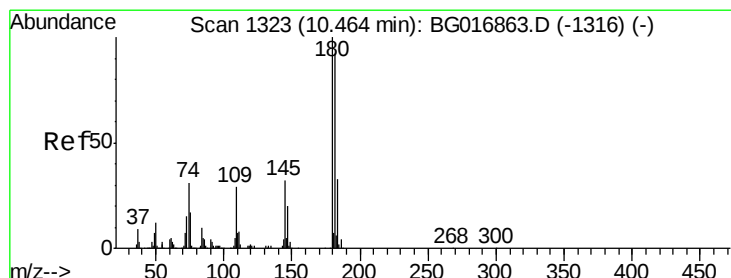
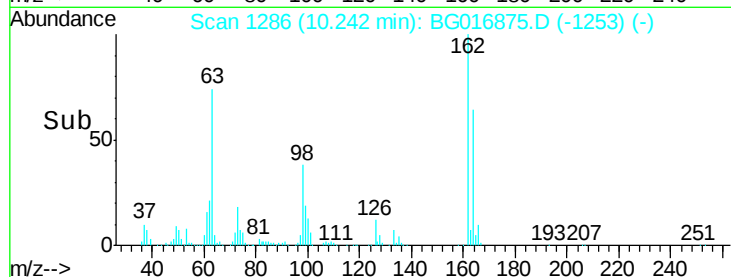
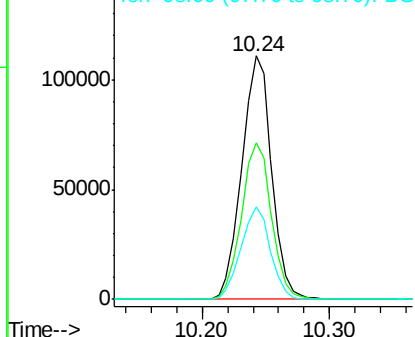
#29
2,4-Dichlorophenol
Concen: 44.50 ng
RT: 10.24 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BG016875.D
Acq: 5 May 2015 20:50

Instrument :
BNA_F
ClientSampleId :
PB83180BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.3	42.9	82.9
98	37.9	18.4	58.4

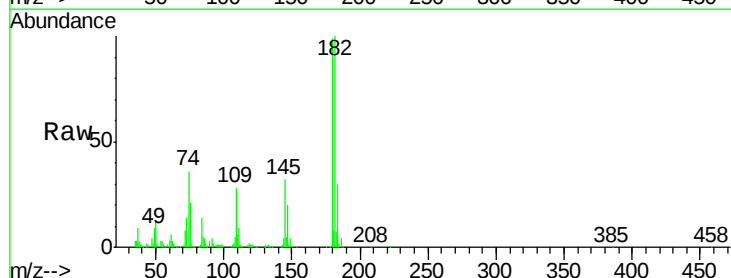


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

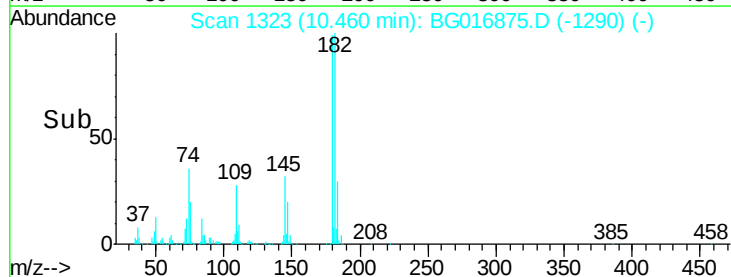
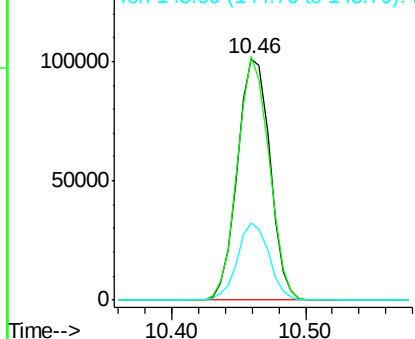


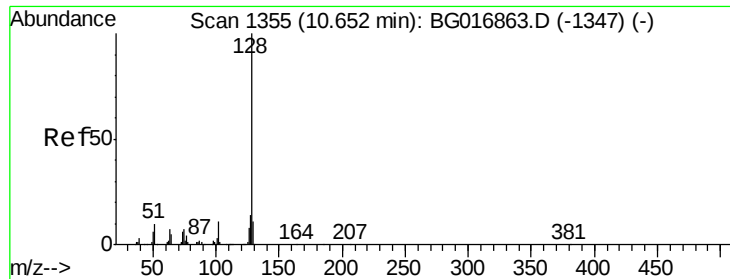
#30
1,2,4-Trichlorobenzene
Concen: 39.59 ng
RT: 10.46 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG016875.D
Acq: 5 May 2015 20:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.9	73.8	110.8
145	32.2	25.4	38.0



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

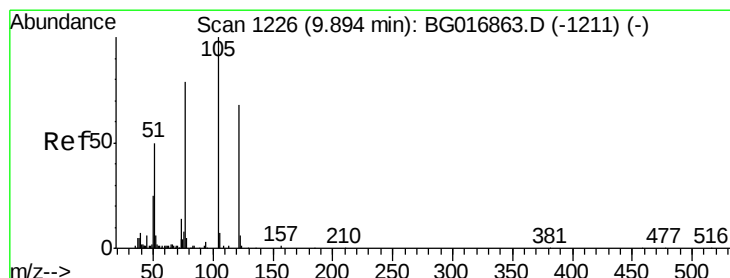
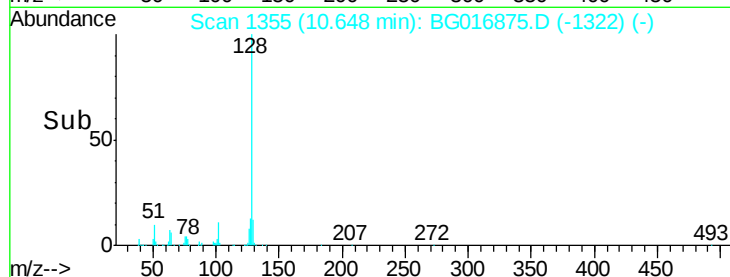
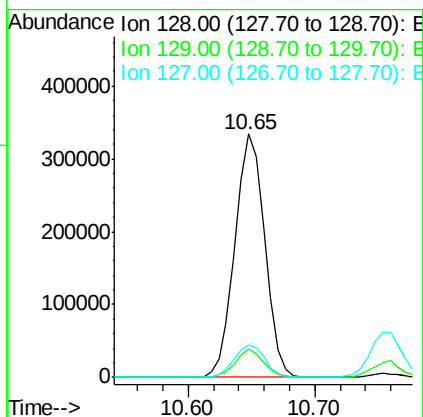
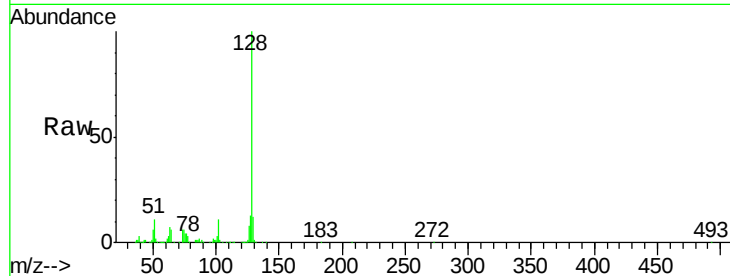




#31
Naphthalene
Concen: 38.78 ng
RT: 10.65 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BG016875.D
Acq: 5 May 2015 20:50

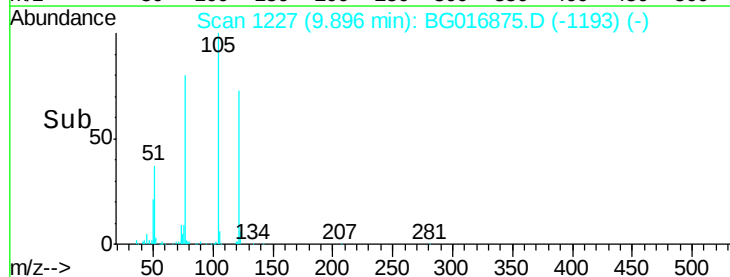
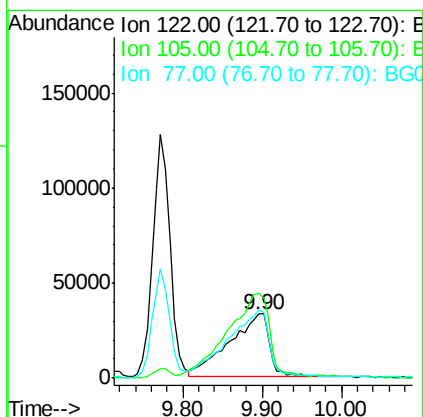
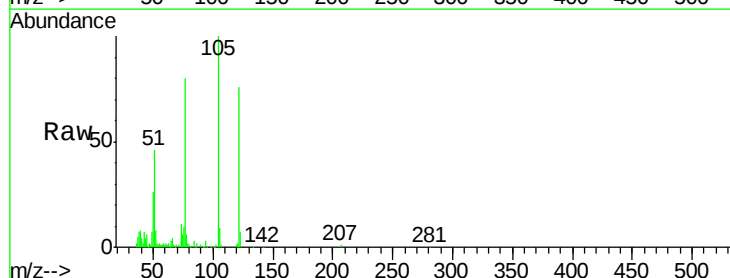
Instrument :
BNA_F
ClientSampleId :
PB83180BS

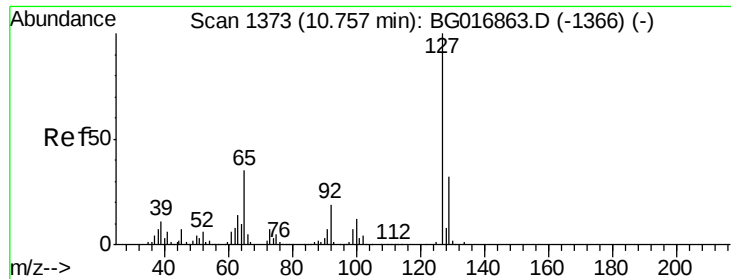
Tgt Ion:128 Resp: 544249
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.3 10.9 16.3



#32
Benzoic acid
Concen: 46.14 ng
RT: 9.90 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BG016875.D
Acq: 5 May 2015 20:50

Tgt Ion:122 Resp: 118144
Ion Ratio Lower Upper
122 100
105 132.0 123.2 163.2
77 106.0 93.0 133.0

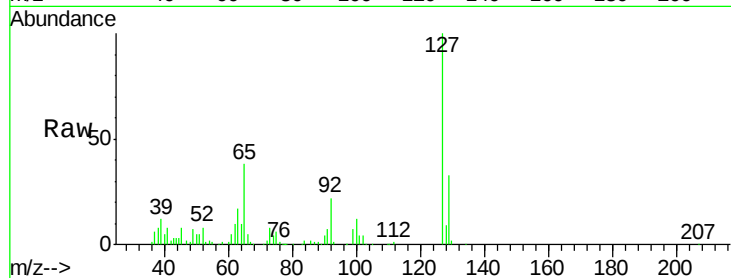




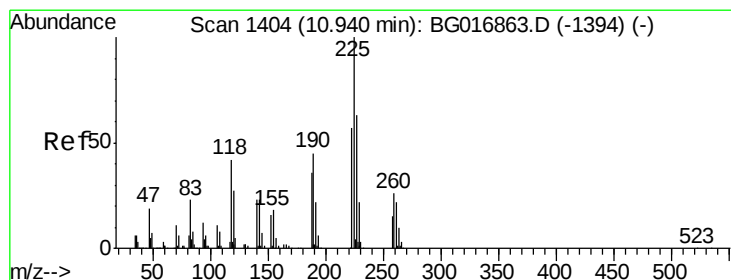
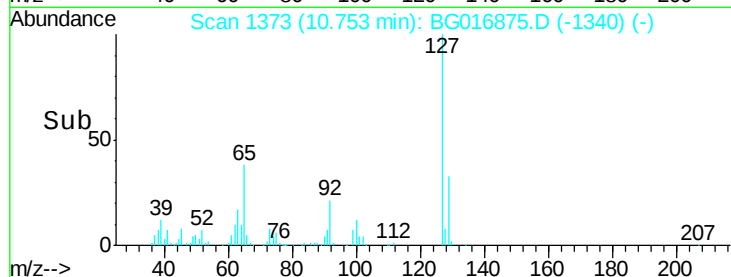
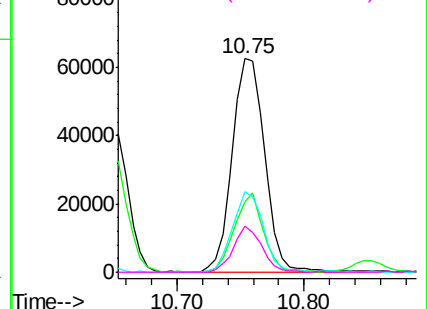
#33
4-Chloroaniline
Concen: 17.12 ng
RT: 10.75 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG016875.D
Acq: 5 May 2015 20:50

Instrument :
BNA_F
ClientSampleId :
PB83180BS

Tgt Ion:	127	Resp:	110940
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.8	38.6
65	38.0	28.2	42.2
92	21.7	15.6	23.4

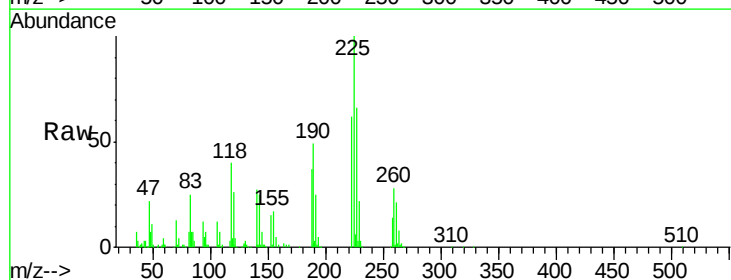


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

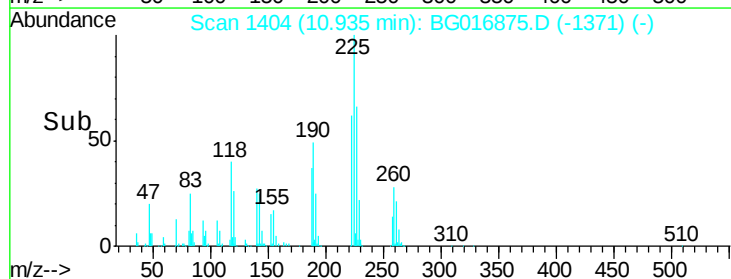
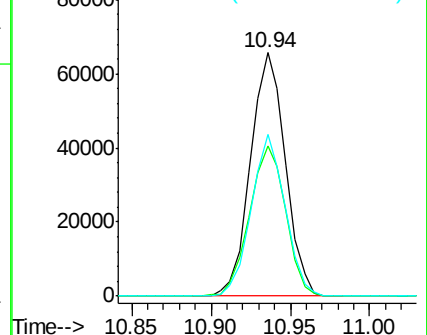


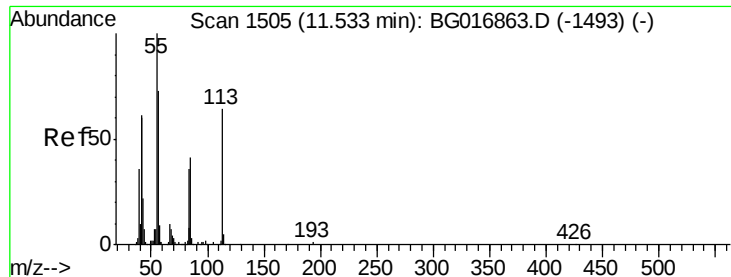
#34
Hexachlorobutadiene
Concen: 37.11 ng
RT: 10.94 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BG016875.D
Acq: 5 May 2015 20:50

Tgt Ion:	225	Resp:	100012
Ion	Ratio	Lower	Upper
225	100		
223	61.7	45.8	68.6
227	66.2	50.7	76.1



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

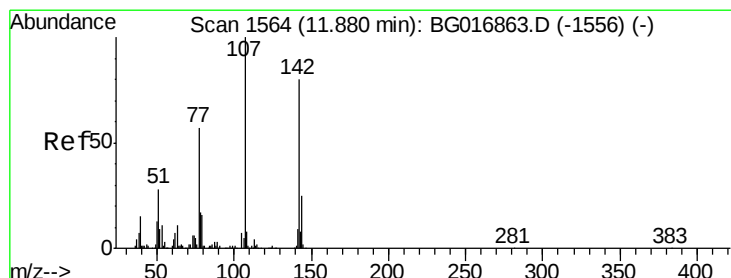
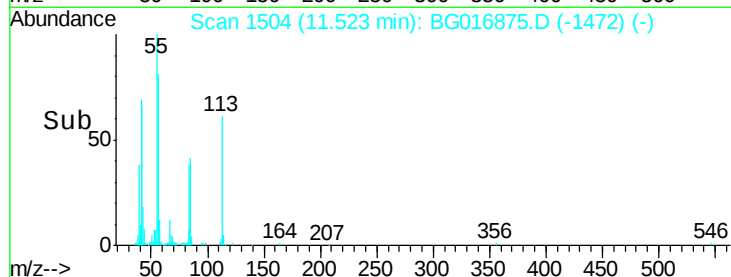
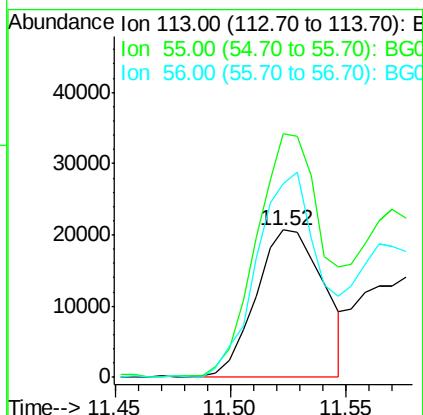
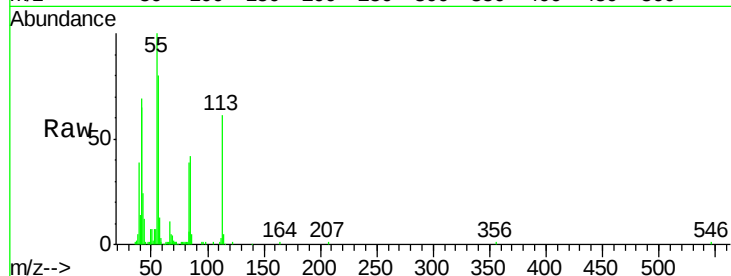




#35
 Caprolactam
 Concen: 20.01 ng
 RT: 11.52 min Scan# 1504
 Delta R.T. -0.01 min
 Lab File: BG016875.D
 Acq: 5 May 2015 20:50

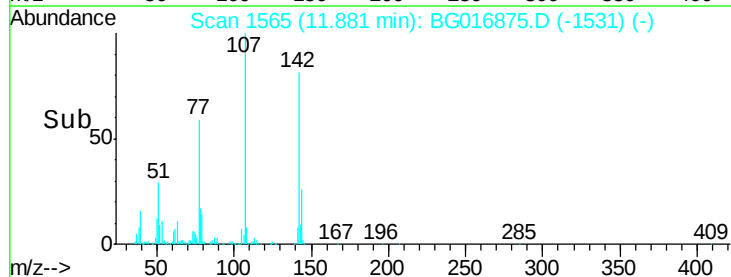
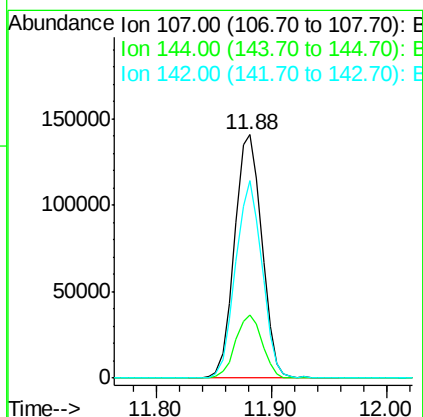
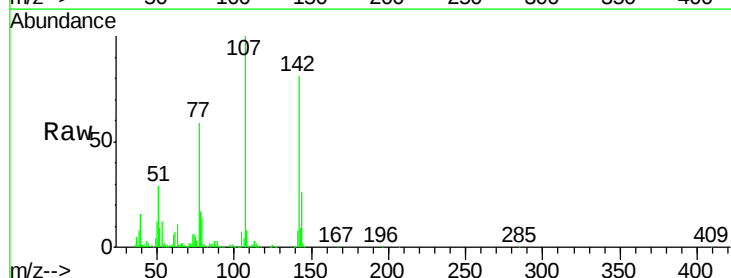
Instrument :
 BNA_F
 ClientSampleId :
 PB83180BS

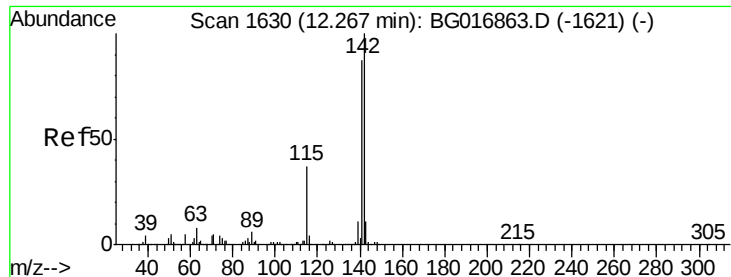
Tgt Ion:113 Resp: 42210
 Ion Ratio Lower Upper
 113 100
 55 165.0 137.1 177.1
 56 131.6 94.3 134.3



#36
 4-Chloro-3-methylphenol
 Concen: 44.44 ng
 RT: 11.88 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BG016875.D
 Acq: 5 May 2015 20:50

Tgt Ion:107 Resp: 231036
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.2 30.2
 142 81.3 64.2 96.2

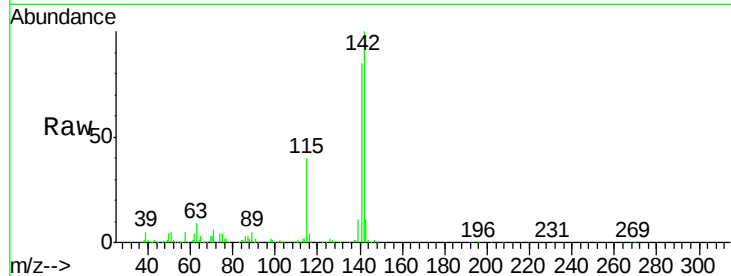




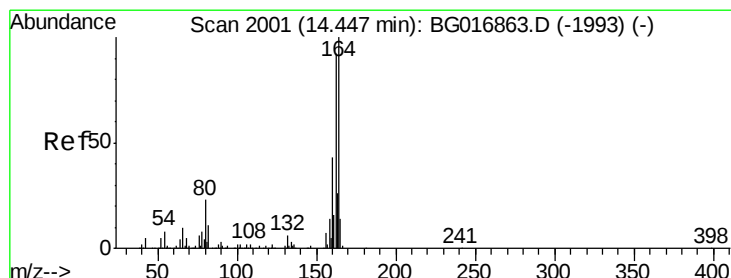
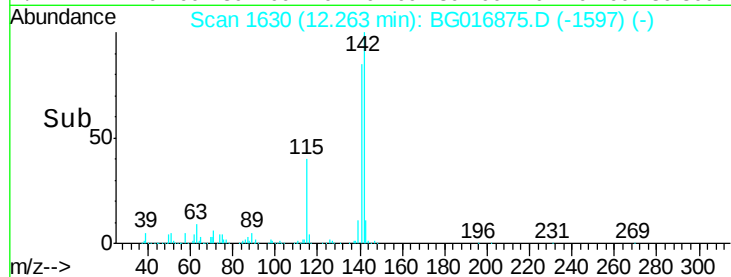
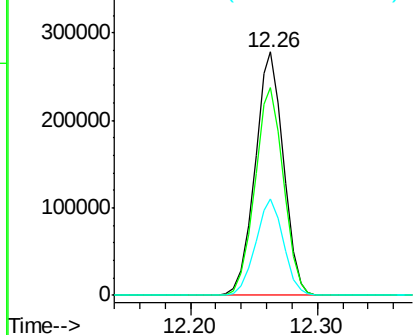
#37
2-Methylnaphthalene
Concen: 40.47 ng
RT: 12.26 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BG016875.D
Acq: 5 May 2015 20:50

Instrument :
BNA_F
ClientSampleId :
PB83180BS

Tgt Ion:142 Resp: 432570
Ion Ratio Lower Upper
142 100
141 85.1 69.9 104.9
115 39.6 29.8 44.8

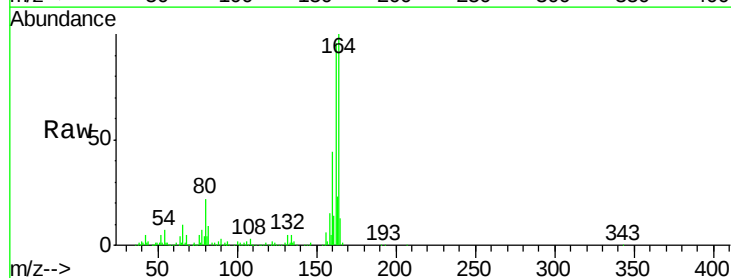


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

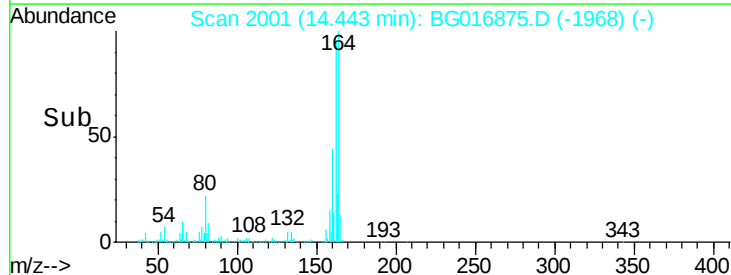
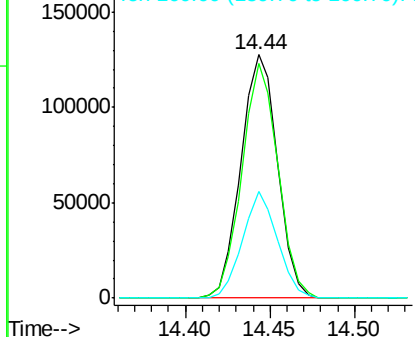


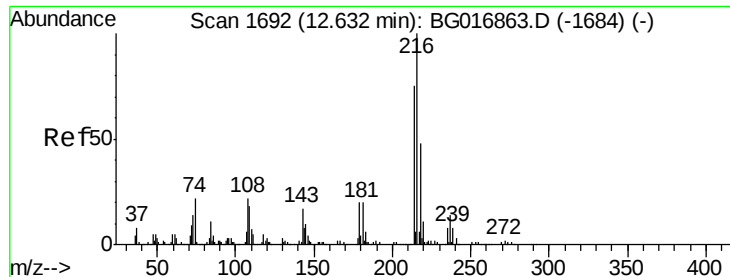
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.44 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BG016875.D
Acq: 5 May 2015 20:50

Tgt Ion:164 Resp: 191733
Ion Ratio Lower Upper
164 100
162 96.4 74.0 111.0
160 43.8 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

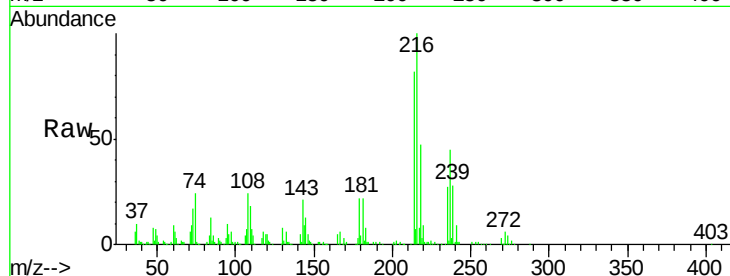




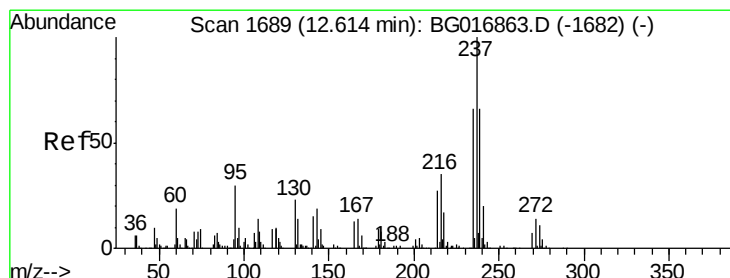
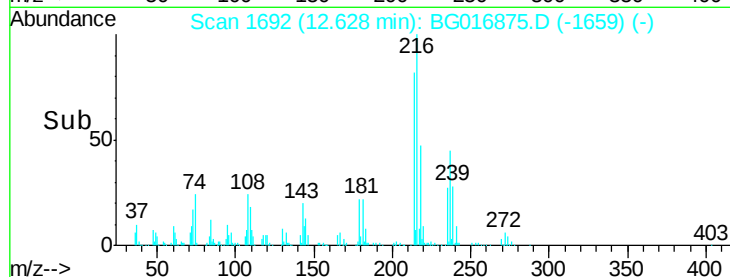
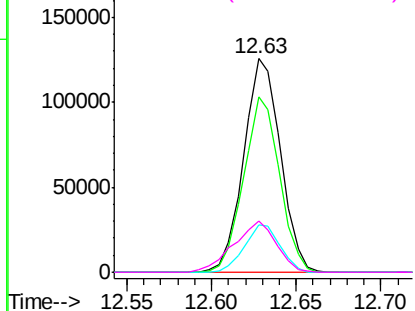
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.72 ng
 RT: 12.63 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BG016875.D
 Acq: 5 May 2015 20:50

Instrument :
 BNA_F
 ClientSampleId :
 PB83180BS

Tgt Ion:	216	Resp:	190325
Ion	Ratio	Lower	Upper
216	100		
214	80.1	0.0	0.0#
179	22.1	0.0	0.0#
108	27.7	0.0	0.0#

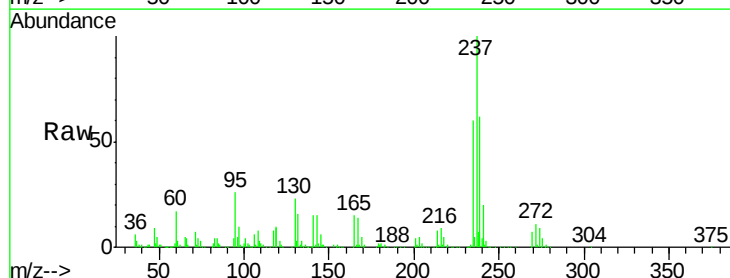


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

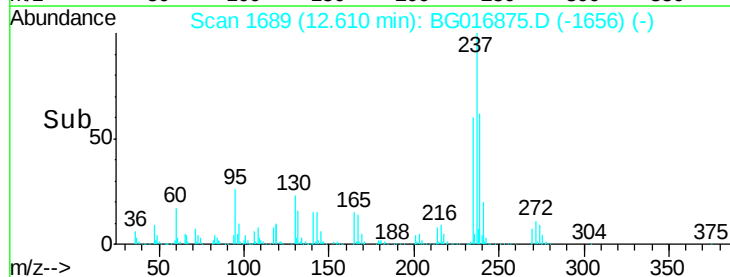
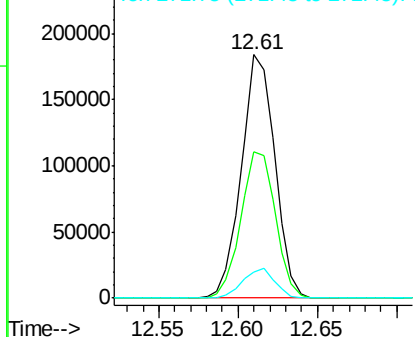


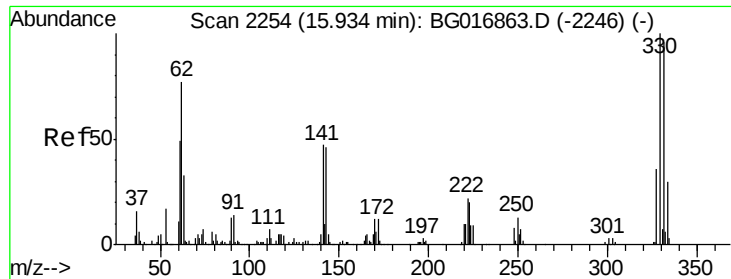
#40
 Hexachlorocyclopentadiene
 Concen: 80.76 ng
 RT: 12.61 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BG016875.D
 Acq: 5 May 2015 20:50

Tgt Ion:	237	Resp:	270310
Ion	Ratio	Lower	Upper
237	100		
235	59.9	45.5	85.5
272	10.8	0.0	33.7



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

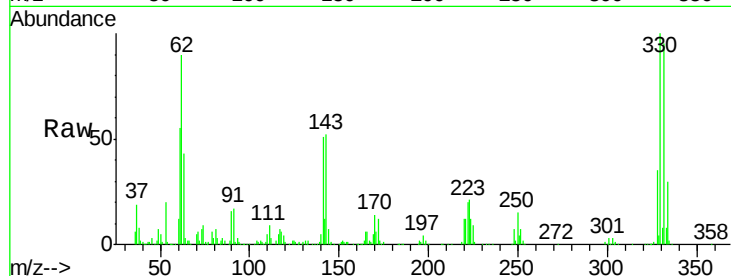




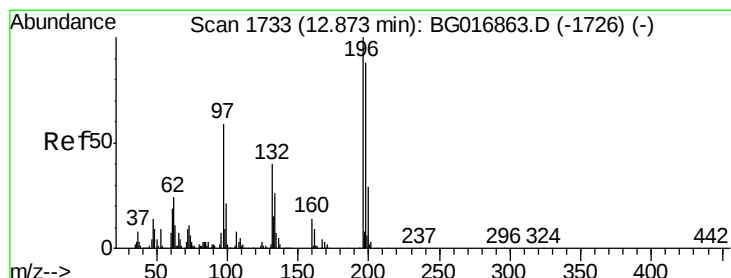
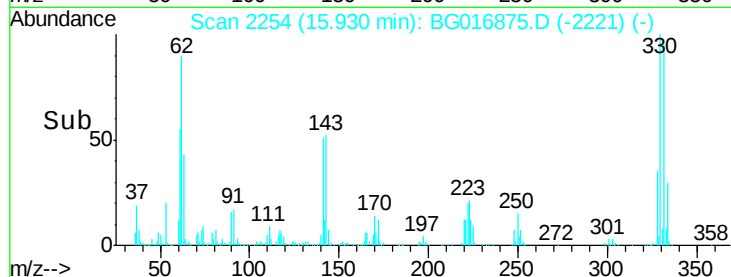
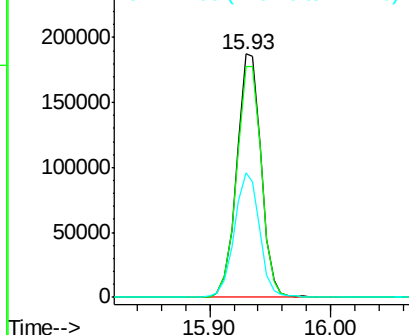
#41
 2,4,6-Tribromophenol
 Concen: 136.67 ng
 RT: 15.93 min Scan# 2254
 Delta R.T. -0.00 min
 Lab File: BG016875.D
 Acq: 5 May 2015 20:50

Instrument :
 BNA_F
 ClientSampleId :
 PB83180BS

Tgt Ion:330 Resp: 263074
 Ion Ratio Lower Upper
 330 100
 332 96.7 0.0 0.0#
 141 52.5 0.0 0.0#

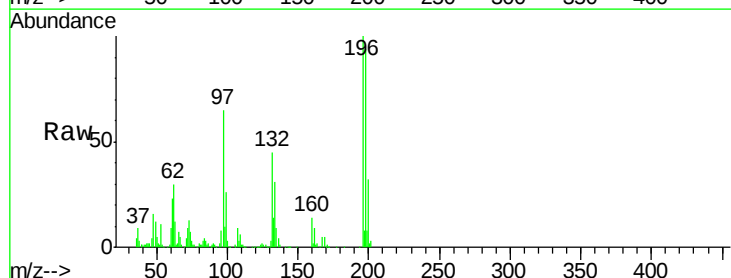


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

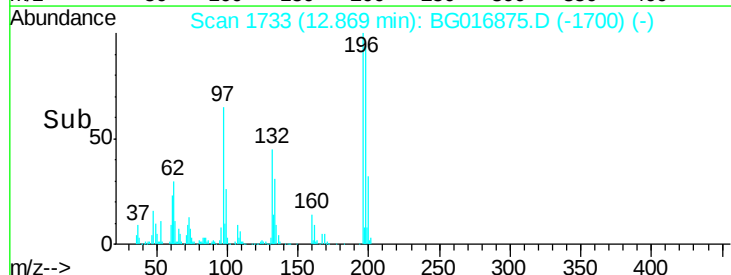
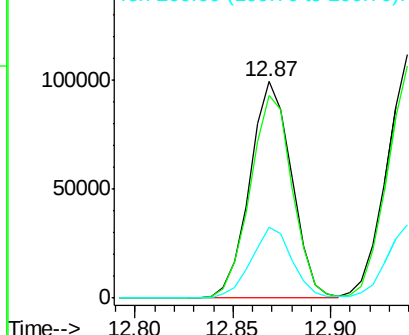


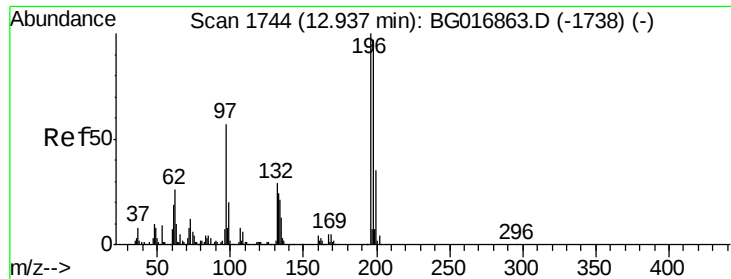
#42
 2,4,6-Trichlorophenol
 Concen: 40.11 ng
 RT: 12.87 min Scan# 1733
 Delta R.T. -0.00 min
 Lab File: BG016875.D
 Acq: 5 May 2015 20:50

Tgt Ion:196 Resp: 147307
 Ion Ratio Lower Upper
 196 100
 198 93.8 70.7 106.1
 200 32.4 23.0 34.4



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

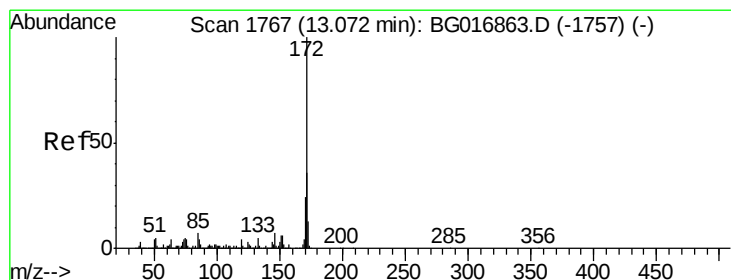
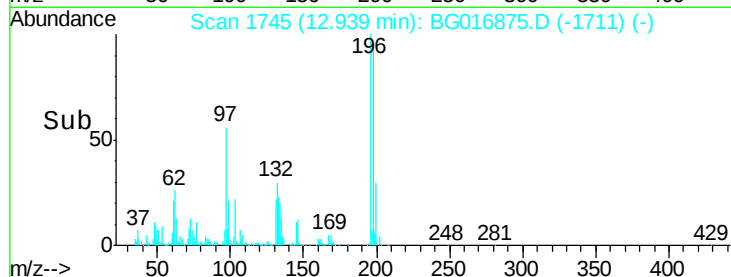
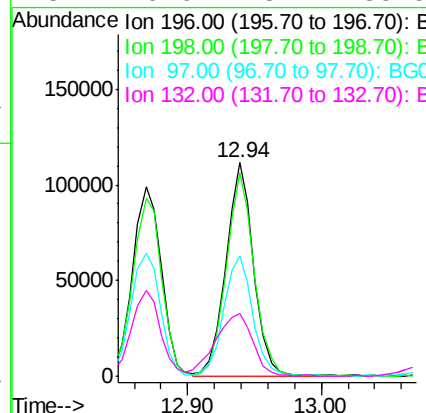
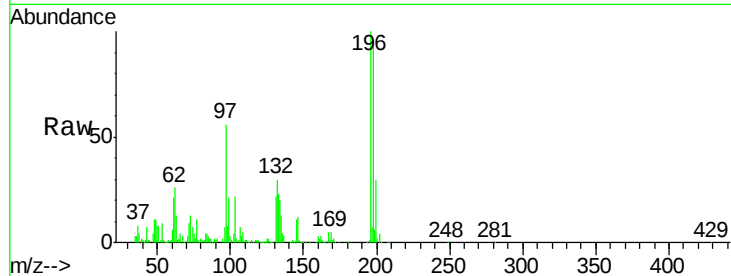




#43
 2,4,5-Trichlorophenol
 Concen: 41.36 ng
 RT: 12.94 min Scan# 1745
 Delta R.T. 0.00 min
 Lab File: BG016875.D
 Acq: 5 May 2015 20:50

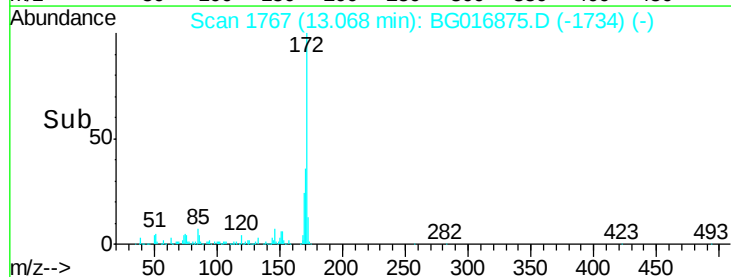
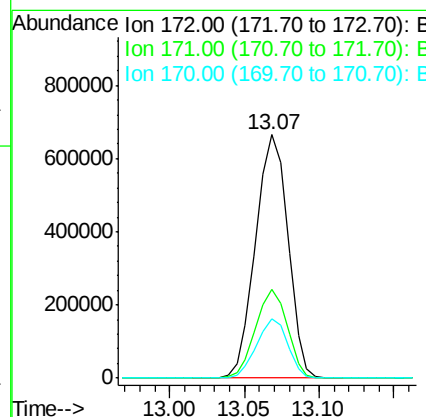
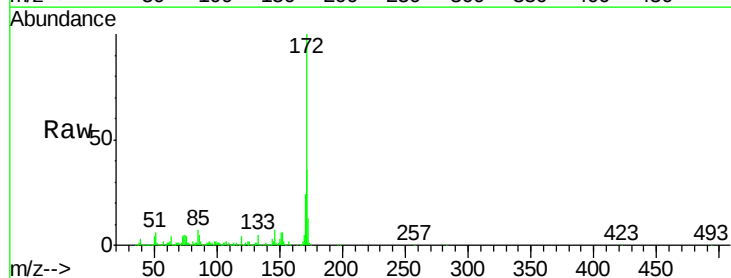
Instrument :
 BNA_F
 ClientSampleId :
 PB83180BS

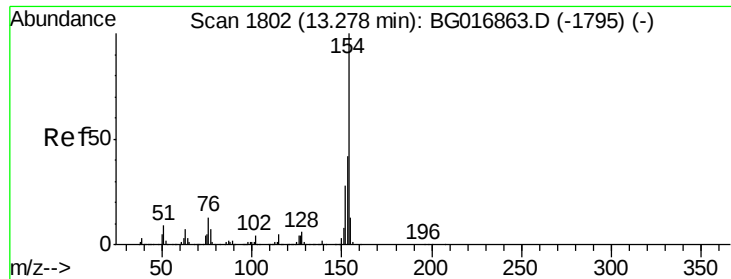
Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.2	77.5	116.3
97	56.2	45.9	68.9
132	29.6	23.7	35.5



#44
 2-Fluorobiphenyl
 Concen: 78.60 ng
 RT: 13.07 min Scan# 1767
 Delta R.T. -0.00 min
 Lab File: BG016875.D
 Acq: 5 May 2015 20:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.4
170	24.2	19.0	28.4

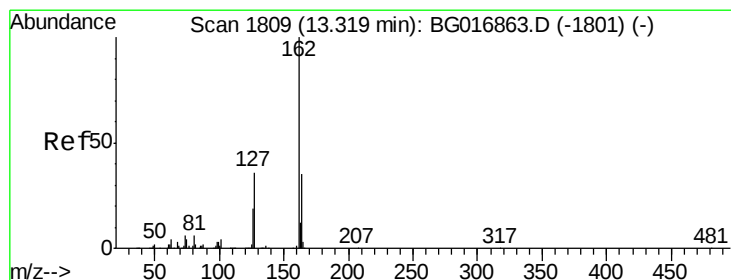
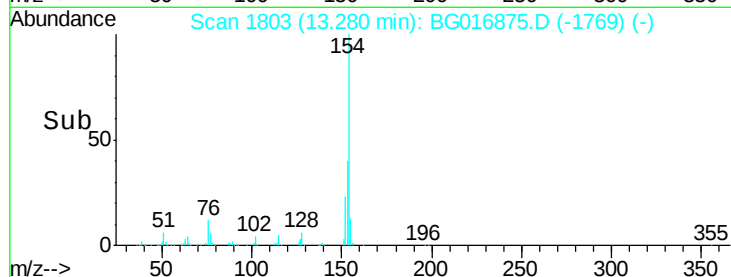
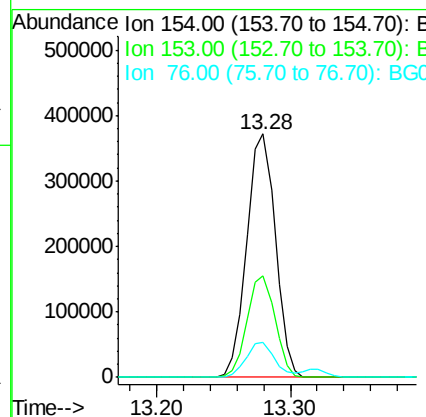
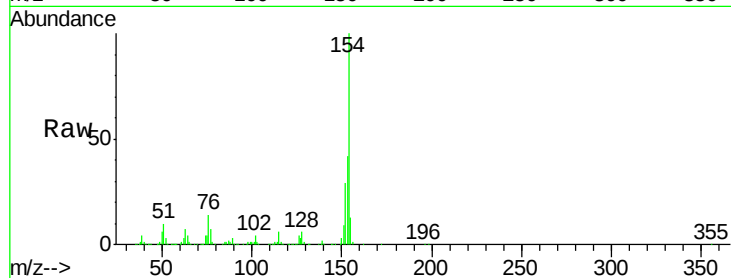




#45
 1,1'-Biphenyl
 Concen: 40.04 ng
 RT: 13.28 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: BG016875.D
 Acq: 5 May 2015 20:50

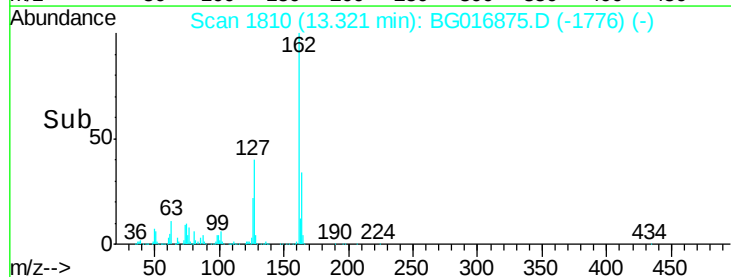
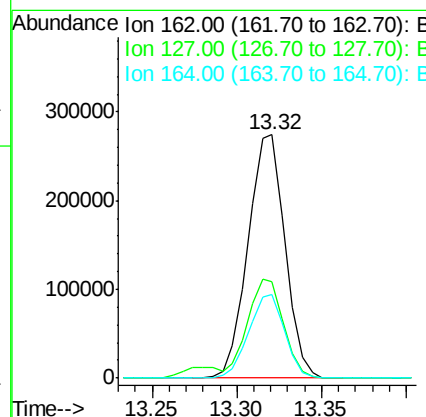
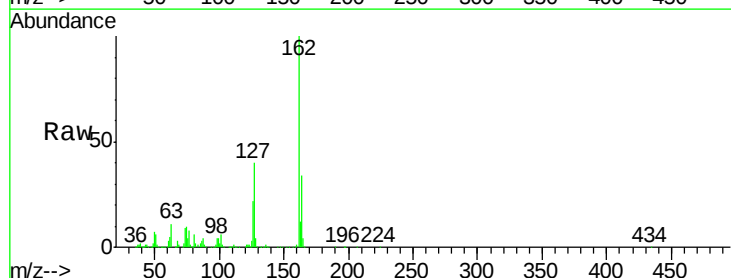
Instrument :
 BNA_F
 ClientSampleId :
 PB83180BS

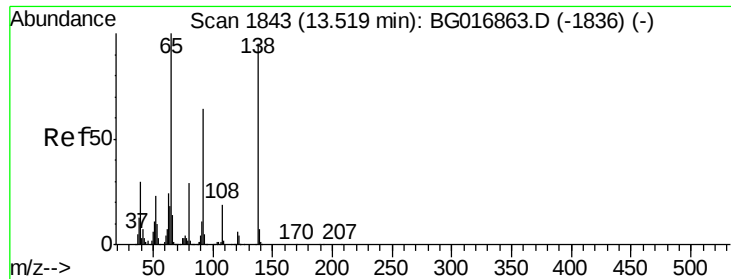
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	22.0	62.0
76	14.3	0.0	33.3



#46
 2-Chloronaphthalene
 Concen: 38.30 ng
 RT: 13.32 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: BG016875.D
 Acq: 5 May 2015 20:50

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.8	31.2	46.8
164	34.2	27.8	41.6

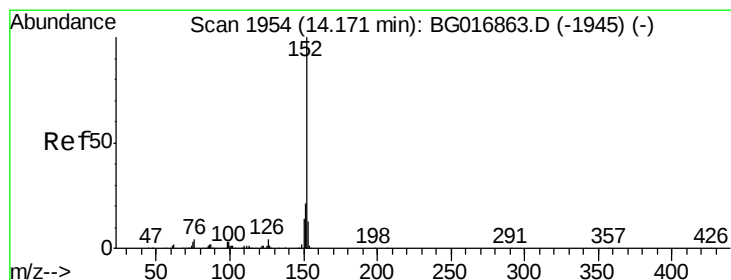
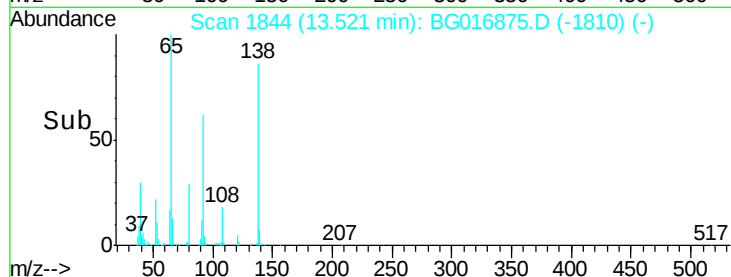
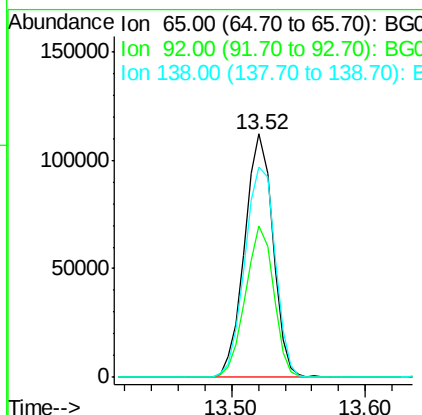
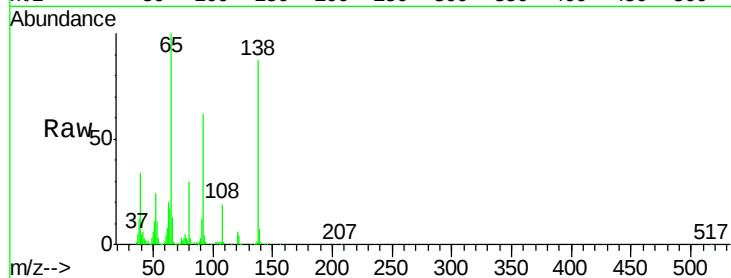




#47
2-Nitroaniline
Concen: 43.38 ng
RT: 13.52 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BG016875.D
Acq: 5 May 2015 20:50

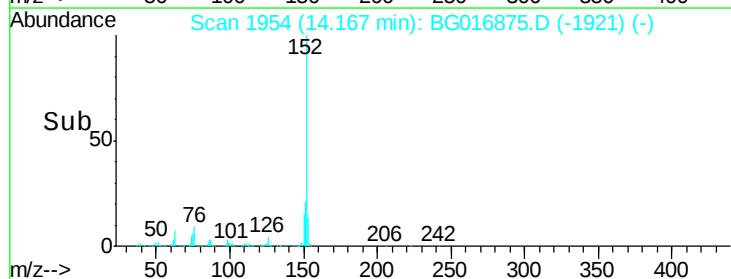
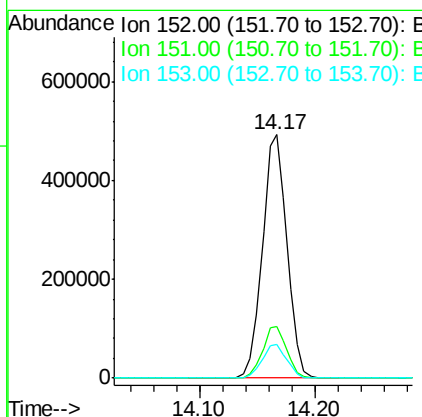
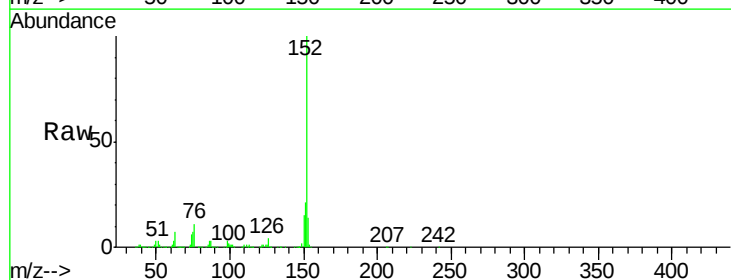
Instrument :
BNA_F
ClientSampleId :
PB83180BS

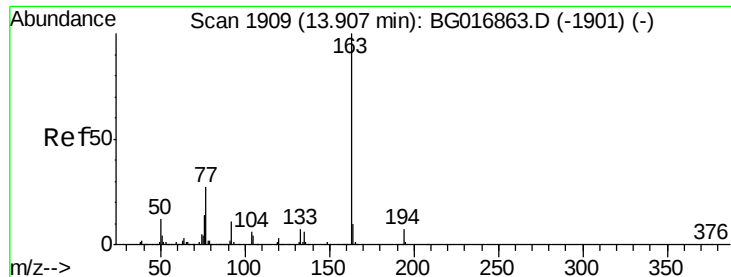
Tgt Ion: 65 Resp: 164187
Ion Ratio Lower Upper
65 100
92 62.4 51.0 76.6
138 86.5 76.2 114.2



#48
Acenaphthylene
Concen: 38.62 ng
RT: 14.17 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BG016875.D
Acq: 5 May 2015 20:50

Tgt Ion: 152 Resp: 731193
Ion Ratio Lower Upper
152 100
151 21.0 17.0 25.4
153 14.0 10.7 16.1

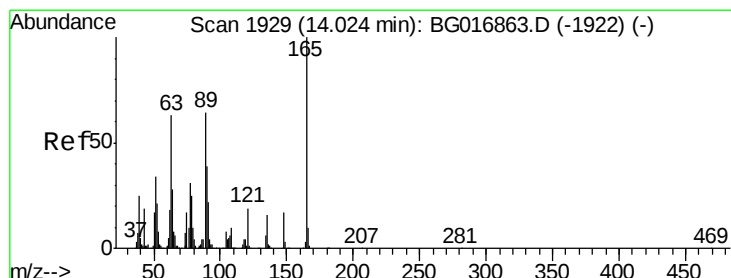
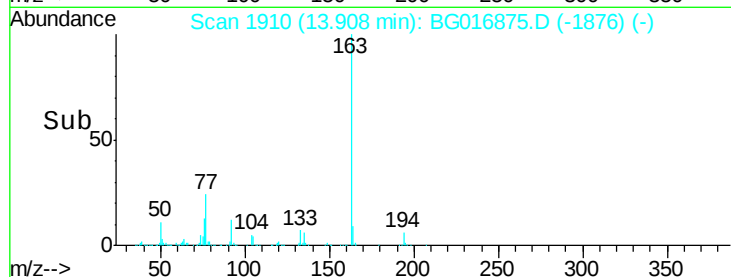
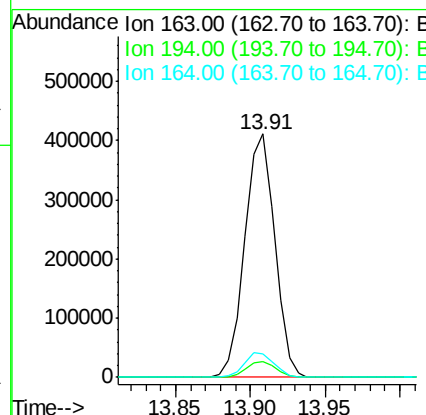
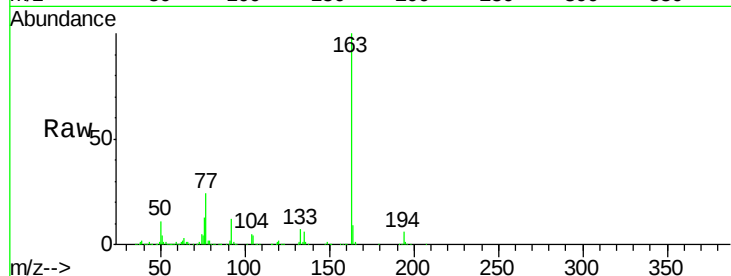




#49
Dimethylphthalate
Concen: 40.06 ng
RT: 13.91 min Scan# 1910
Delta R.T. 0.00 min
Lab File: BG016875.D
Acq: 5 May 2015 20:50

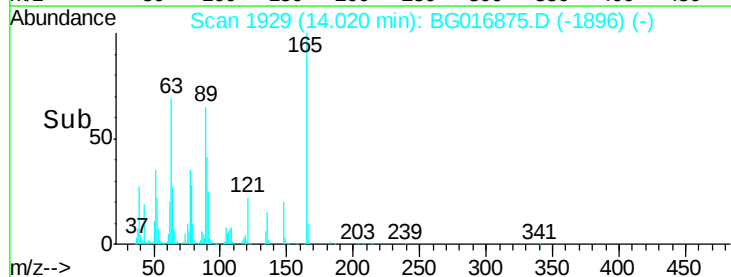
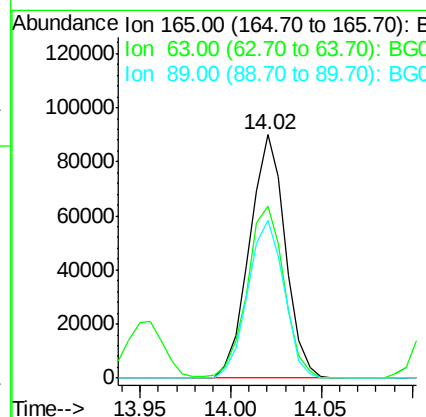
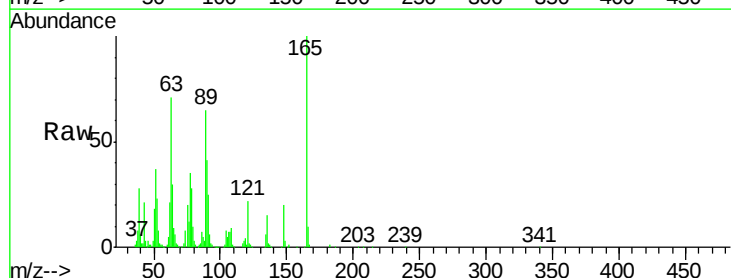
Instrument :
BNA_F
ClientSampleId :
PB83180BS

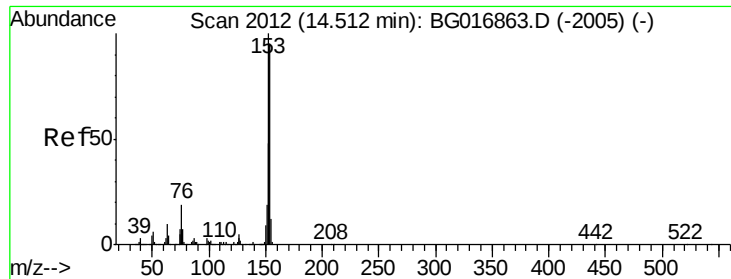
Tgt Ion:163 Resp: 573541
Ion Ratio Lower Upper
163 100
194 6.4 5.2 7.8
164 9.4 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 41.77 ng
RT: 14.02 min Scan# 1929
Delta R.T. -0.00 min
Lab File: BG016875.D
Acq: 5 May 2015 20:50

Tgt Ion:165 Resp: 124147
Ion Ratio Lower Upper
165 100
63 70.7 50.9 76.3
89 64.9 51.4 77.2

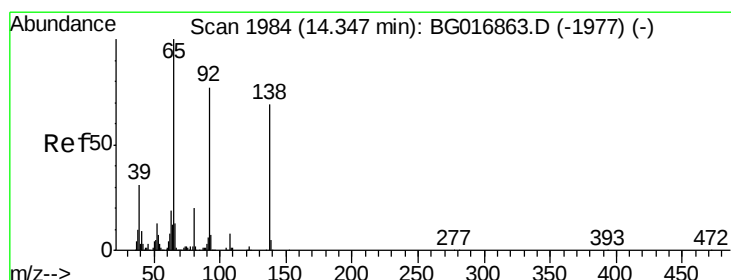
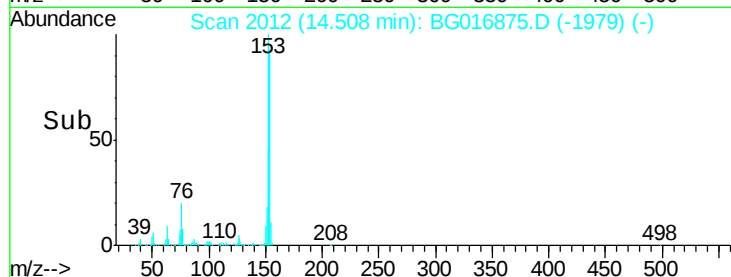
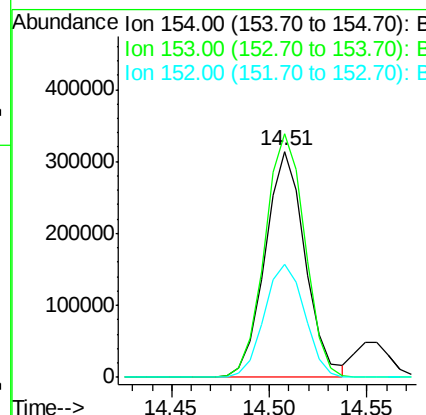
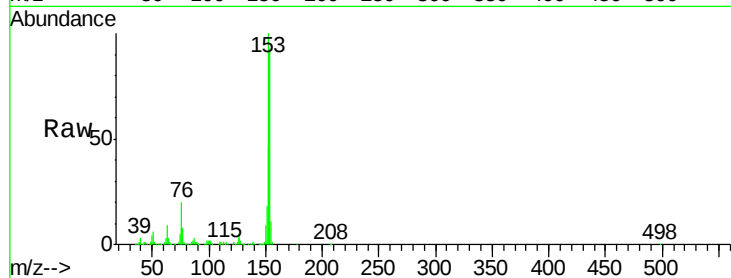




#51
Acenaphthene
Concen: 39.53 ng
RT: 14.51 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BG016875.D
Acq: 5 May 2015 20:50

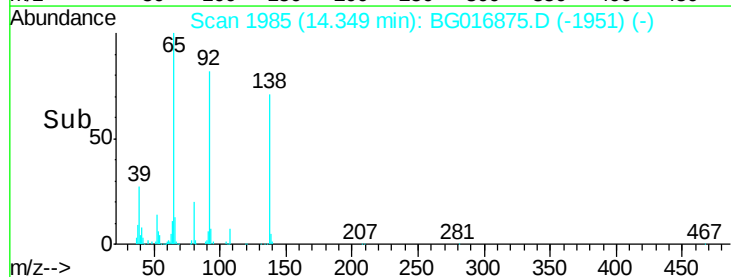
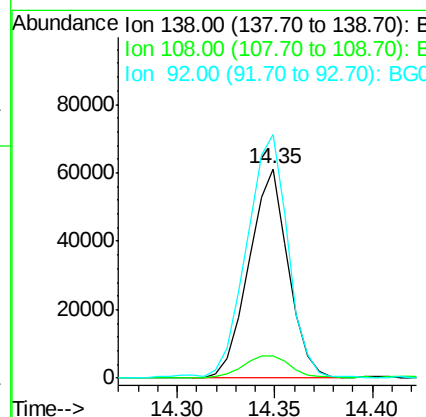
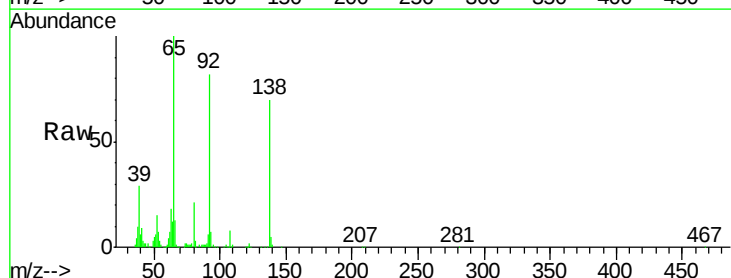
Instrument :
BNA_F
ClientSampleId :
PB83180BS

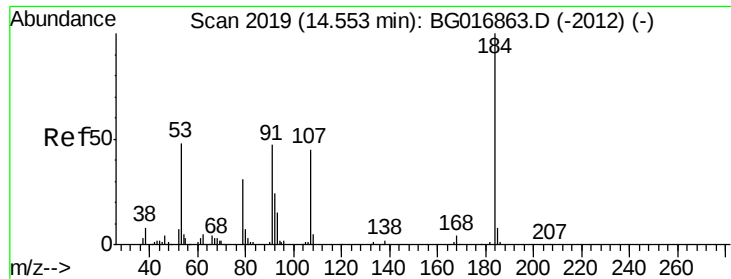
Tgt Ion:154 Resp: 445446
Ion Ratio Lower Upper
154 100
153 107.7 84.2 126.4
152 49.9 40.2 60.2



#52
3-Nitroaniline
Concen: 25.18 ng
RT: 14.35 min Scan# 1985
Delta R.T. 0.00 min
Lab File: BG016875.D
Acq: 5 May 2015 20:50

Tgt Ion:138 Resp: 85165
Ion Ratio Lower Upper
138 100
108 10.8 9.5 14.3
92 116.2 89.6 134.4

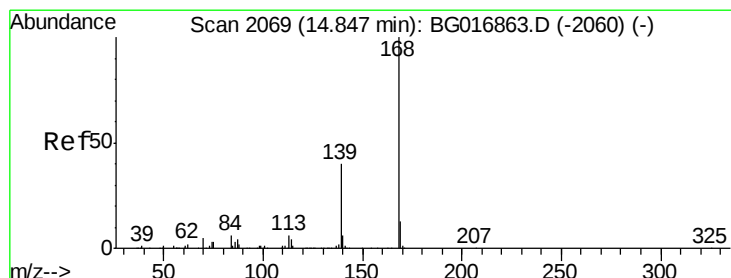
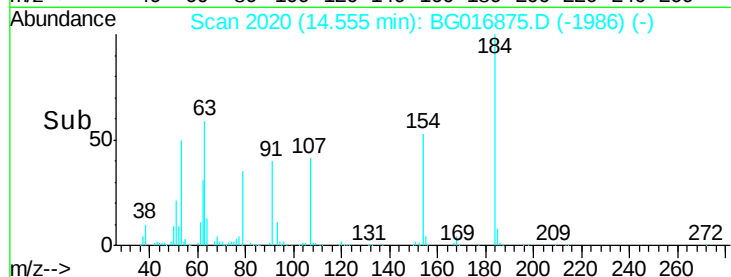
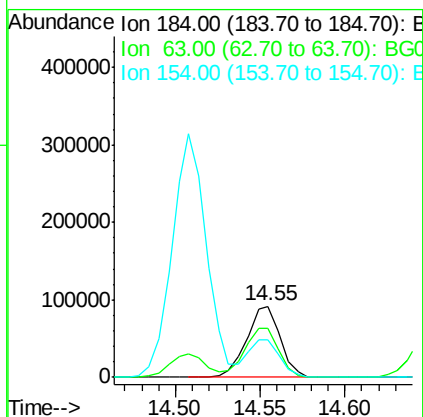
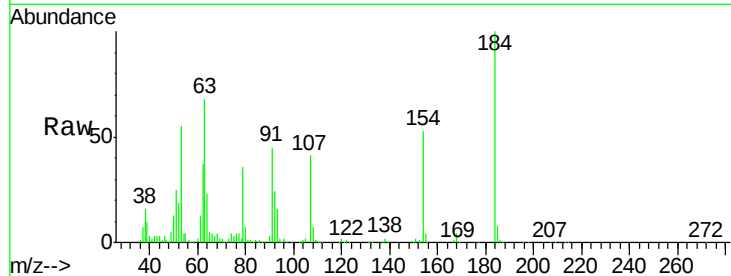




#53
 2,4-Dinitrophenol
 Concen: 93.38 ng
 RT: 14.55 min Scan# 2020
 Delta R.T. 0.00 min
 Lab File: BG016875.D
 Acq: 5 May 2015 20:50

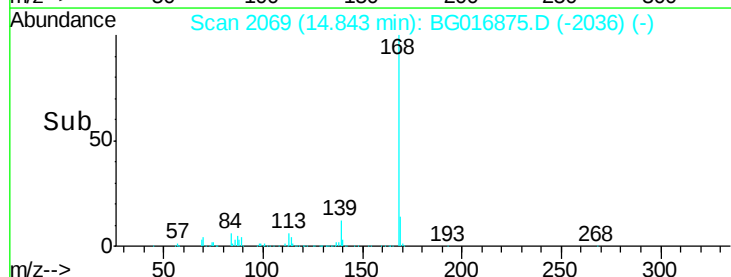
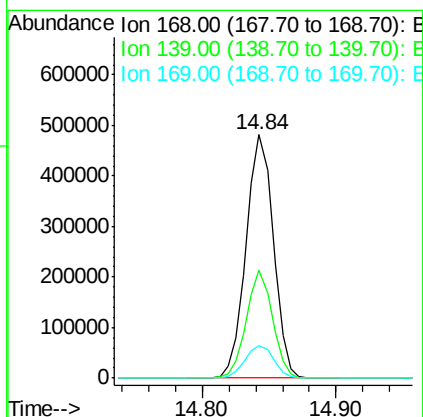
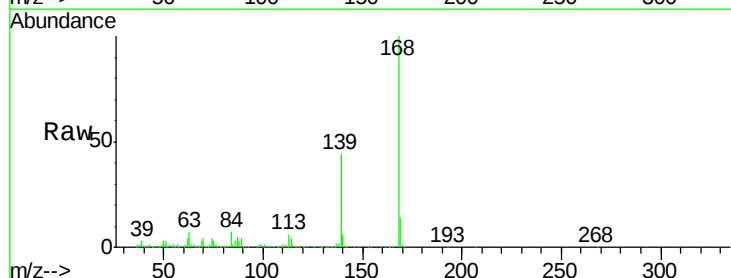
Instrument :
 BNA_F
 ClientSampleId :
 PB83180BS

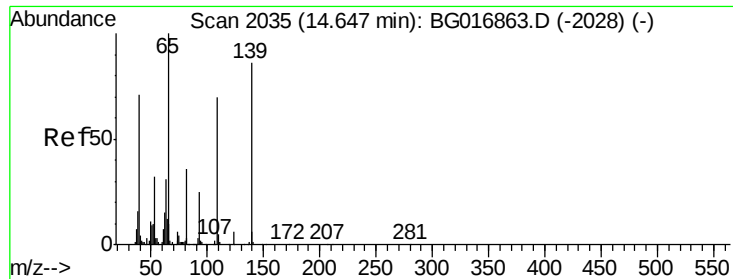
Tgt Ion:184 Resp: 126954
 Ion Ratio Lower Upper
 184 100
 63 68.4 53.4 80.0
 154 53.3 41.0 61.6



#54
 Dibenzofuran
 Concen: 42.38 ng
 RT: 14.84 min Scan# 2069
 Delta R.T. -0.00 min
 Lab File: BG016875.D
 Acq: 5 May 2015 20:50

Tgt Ion:168 Resp: 678212
 Ion Ratio Lower Upper
 168 100
 139 44.5 32.5 48.7
 169 13.6 10.4 15.6

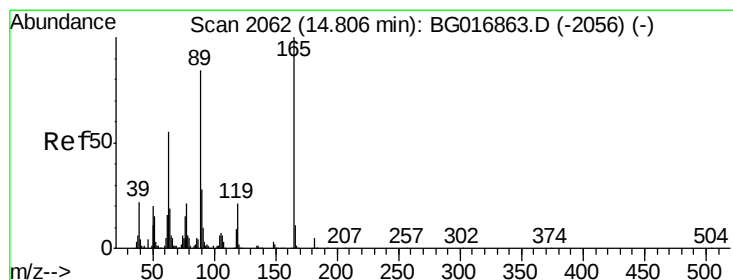
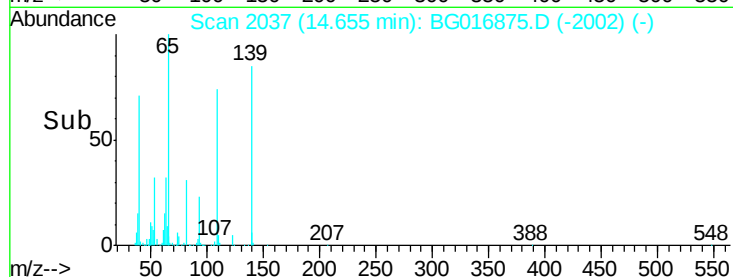
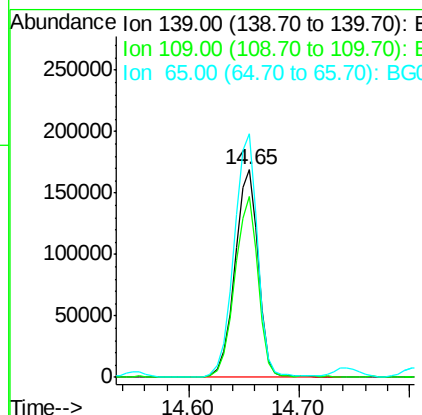
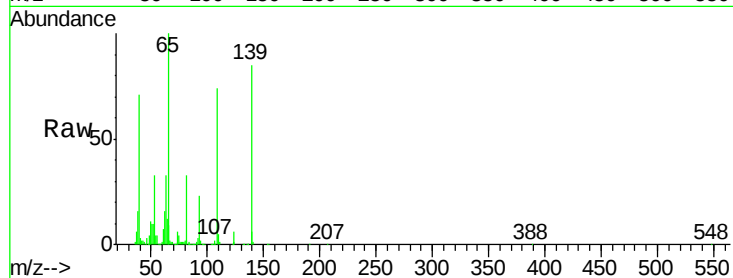




#55
4-Nitrophenol
Concen: 87.77 ng
RT: 14.65 min Scan# 2037
Delta R.T. 0.01 min
Lab File: BG016875.D
Acq: 5 May 2015 20:50

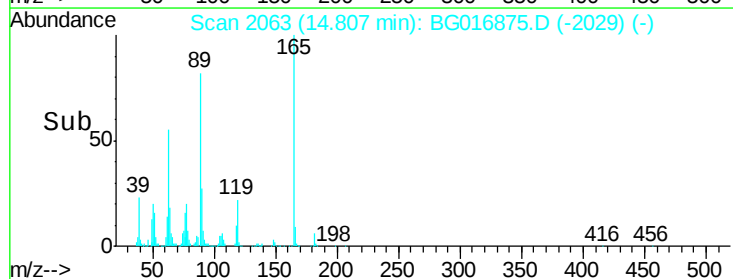
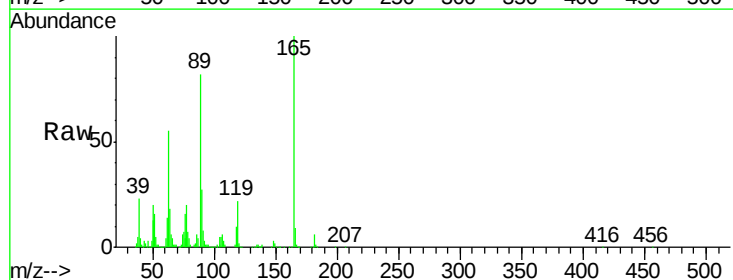
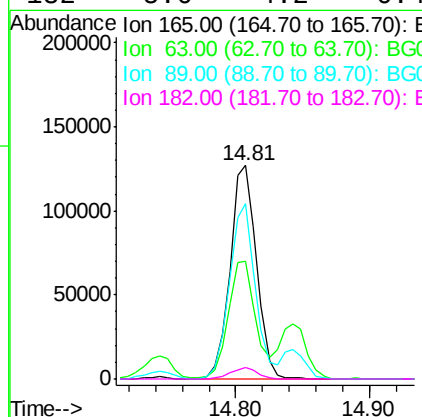
Instrument :
BNA_F
ClientSampleId :
PB83180BS

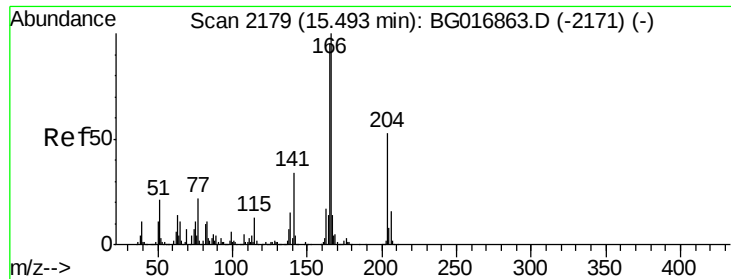
Tgt Ion:139 Resp: 251690
Ion Ratio Lower Upper
139 100
109 87.3 61.8 101.8
65 117.4 96.8 136.8



#56
2,4-Dinitrotoluene
Concen: 46.10 ng
RT: 14.81 min Scan# 2063
Delta R.T. 0.00 min
Lab File: BG016875.D
Acq: 5 May 2015 20:50

Tgt Ion:165 Resp: 175318
Ion Ratio Lower Upper
165 100
63 54.9 44.2 66.4
89 81.8 67.2 100.8
182 5.6 4.2 6.4

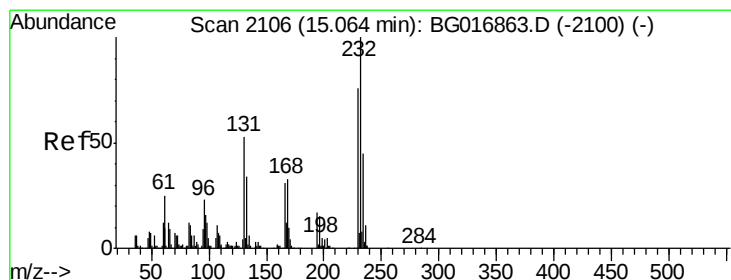
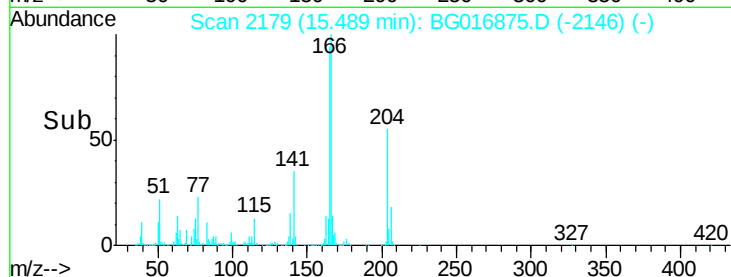
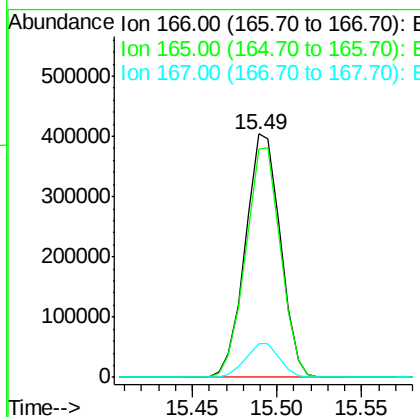
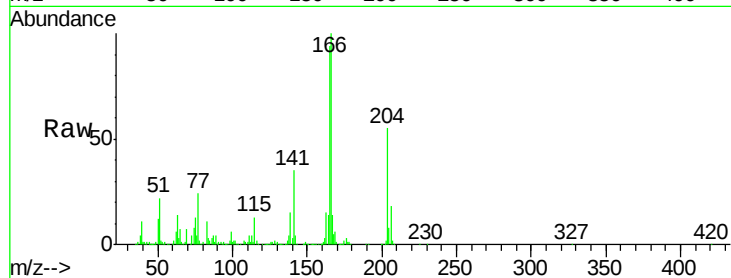




#57
 Fluorene
 Concen: 41.28 ng
 RT: 15.49 min Scan# 2179
 Delta R.T. -0.00 min
 Lab File: BG016875.D
 Acq: 5 May 2015 20:50

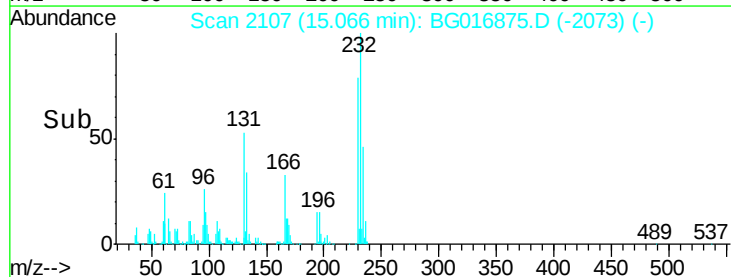
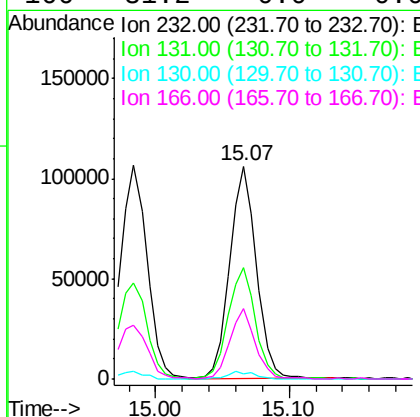
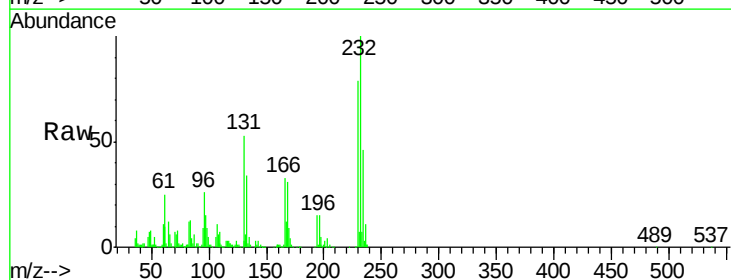
Instrument :
 BNA_F
 ClientSampleId :
 PB83180BS

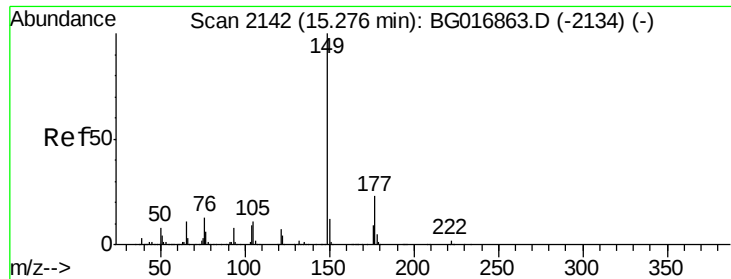
Tgt Ion:166 Resp: 584771
 Ion Ratio Lower Upper
 166 100
 165 93.9 76.1 114.1
 167 13.7 11.4 17.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.74 ng
 RT: 15.07 min Scan# 2107
 Delta R.T. 0.00 min
 Lab File: BG016875.D
 Acq: 5 May 2015 20:50

Tgt Ion:232 Resp: 147144
 Ion Ratio Lower Upper
 232 100
 131 53.5 0.1 0.1#
 130 3.5 0.0 0.0#
 166 31.2 0.0 0.0#

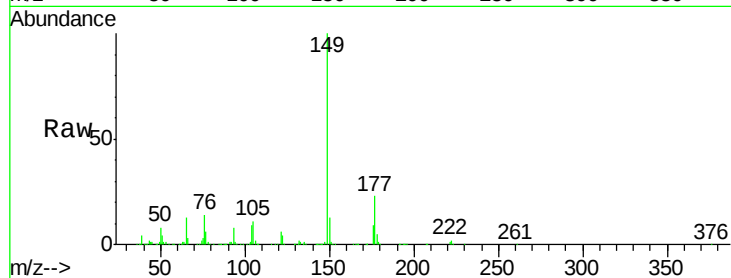




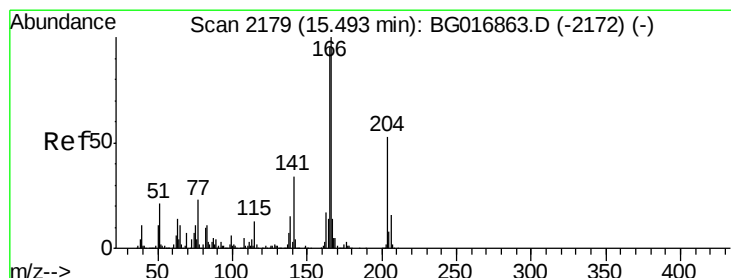
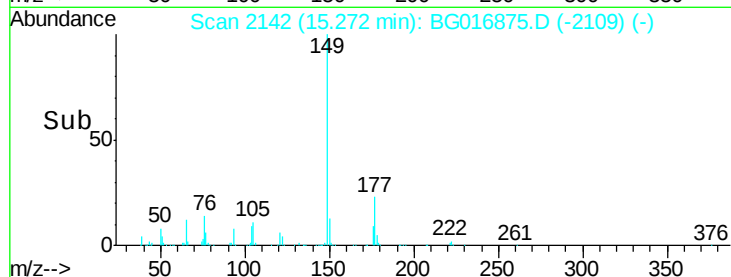
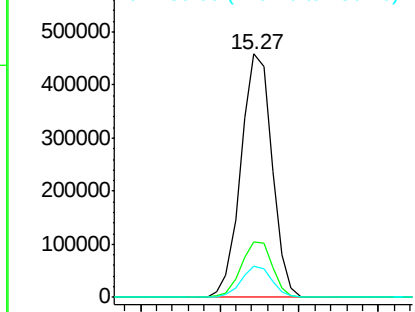
#59
 Diethylphthalate
 Concen: 41.26 ng
 RT: 15.27 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: BG016875.D
 Acq: 5 May 2015 20:50

Instrument :
 BNA_F
 ClientSampleId :
 PB83180BS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.6	27.8
150	12.7	9.8	14.8

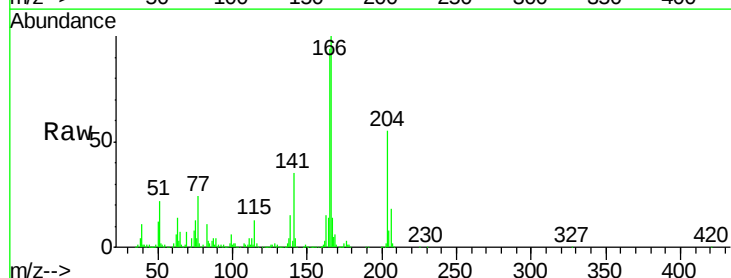


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

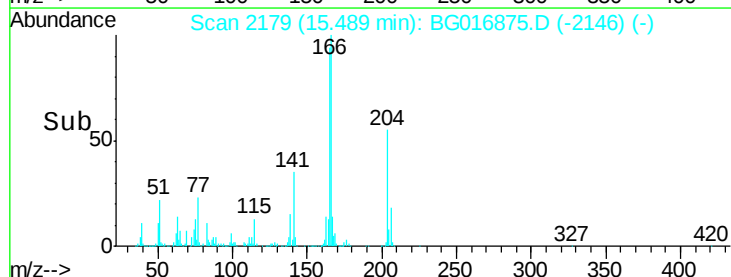
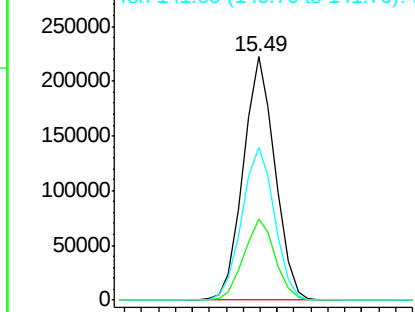


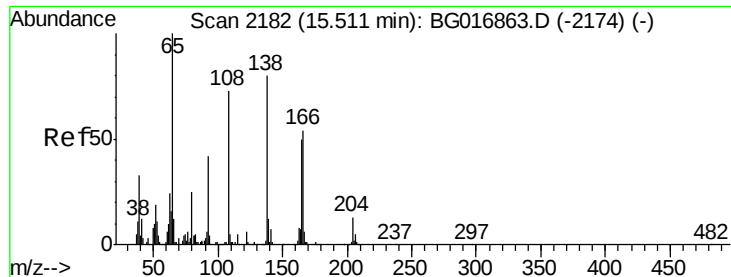
#60
 4-Chlorophenyl-phenylether
 Concen: 40.80 ng
 RT: 15.49 min Scan# 2179
 Delta R.T. -0.00 min
 Lab File: BG016875.D
 Acq: 5 May 2015 20:50

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	24.8	37.2
141	62.8	52.4	78.6



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

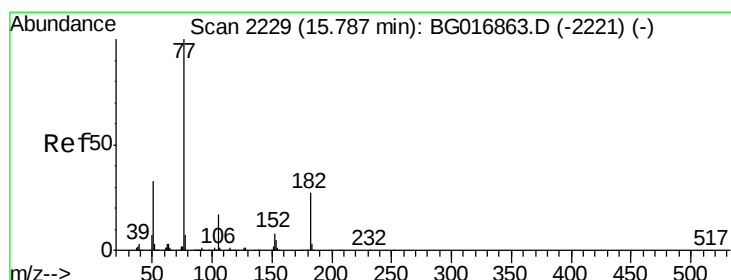
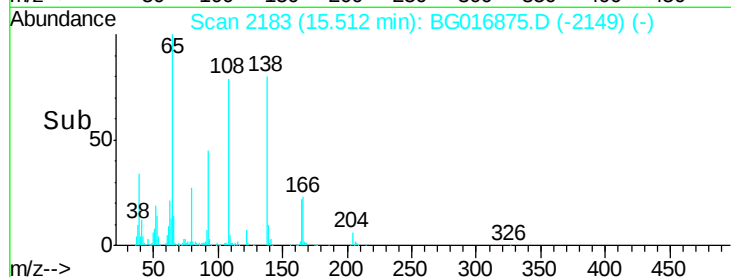
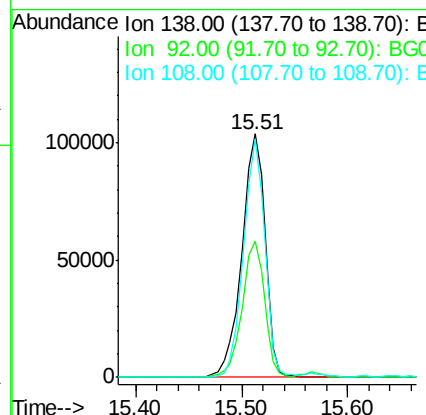
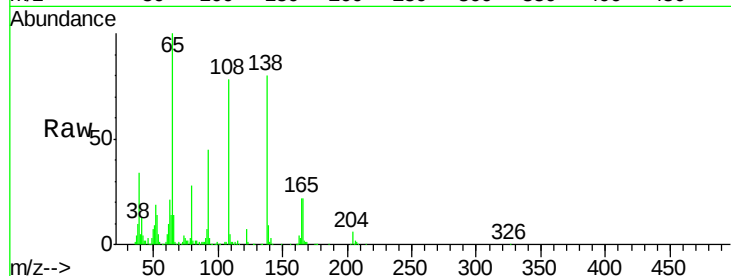




#61
4-Nitroaniline
Concen: 40.33 ng
RT: 15.51 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BG016875.D
Acq: 5 May 2015 20:50

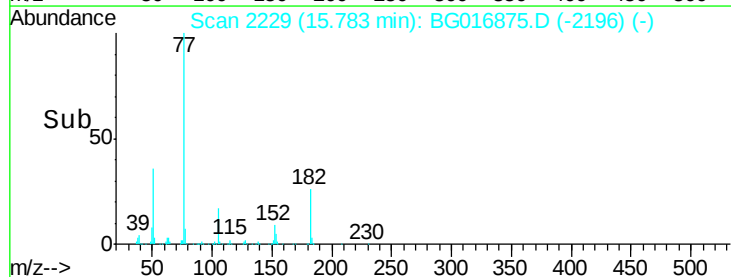
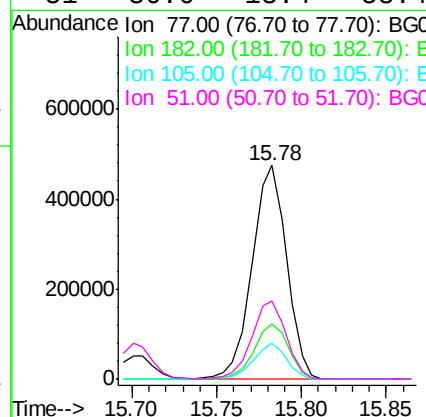
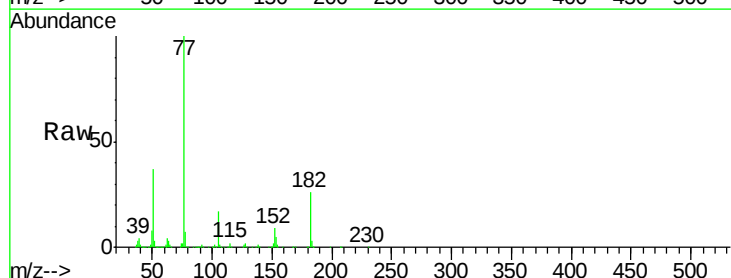
Instrument :
BNA_F
ClientSampleId :
PB83180BS

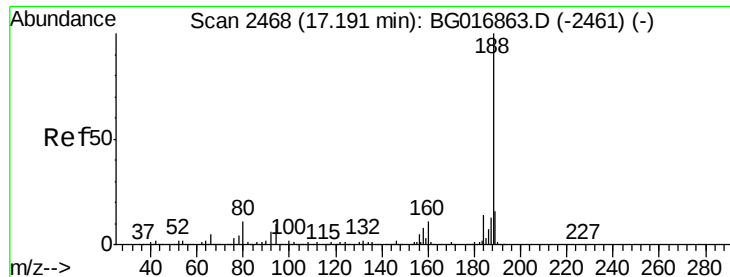
Tgt Ion:138 Resp: 158133
Ion Ratio Lower Upper
138 100
92 56.1 31.8 71.8
108 97.9 70.6 110.6



#62
Azobenzene
Concen: 43.16 ng
RT: 15.78 min Scan# 2229
Delta R.T. -0.00 min
Lab File: BG016875.D
Acq: 5 May 2015 20:50

Tgt Ion: 77 Resp: 675506
Ion Ratio Lower Upper
77 100
182 26.1 7.4 47.4
105 16.7 0.0 36.6
51 36.6 13.4 53.4

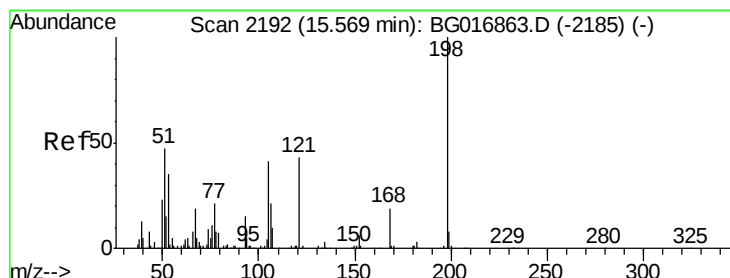
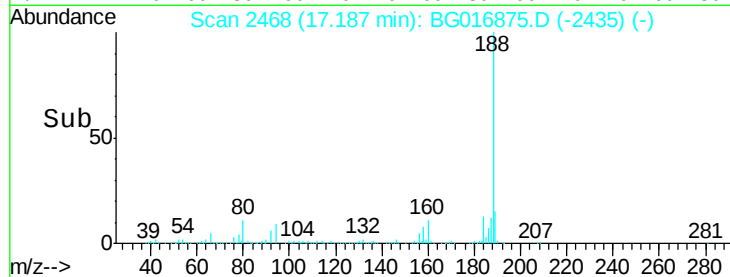
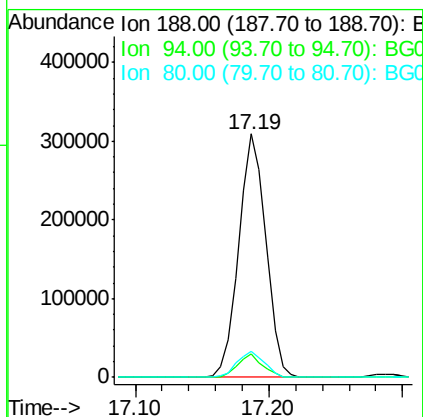
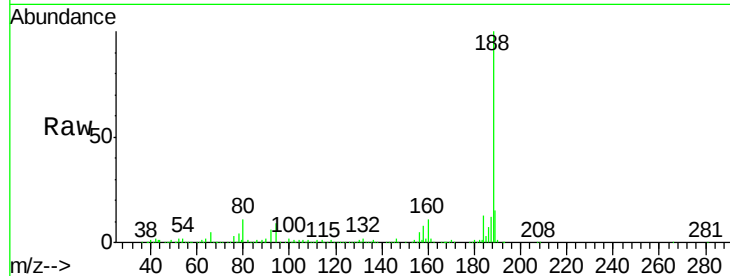




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.19 min Scan# 2468
Delta R.T. -0.00 min
Lab File: BG016875.D
Acq: 5 May 2015 20:50

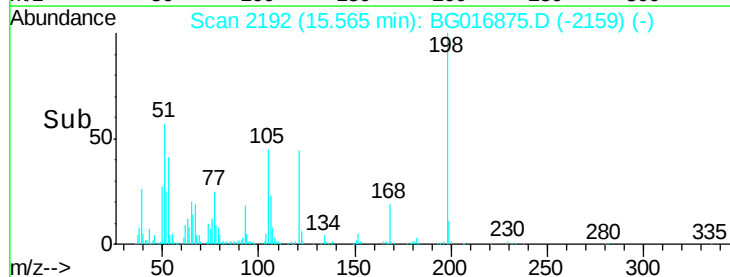
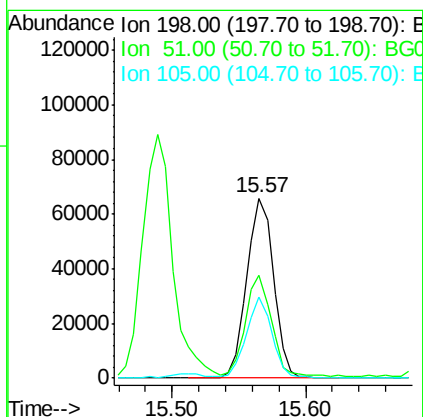
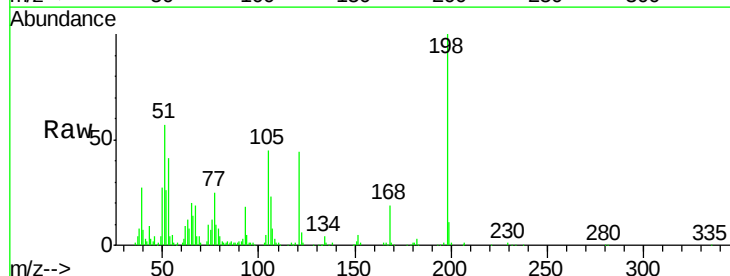
Instrument :
BNA_F
ClientSampleId :
PB83180BS

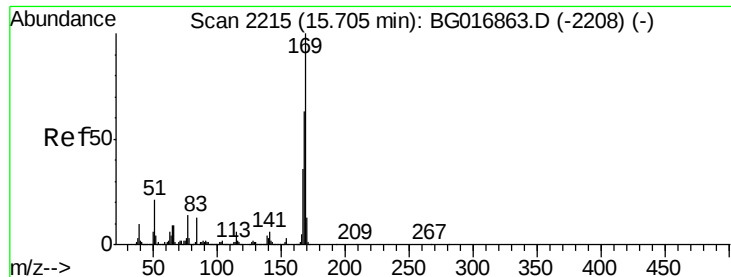
Tgt Ion:188 Resp: 433856
Ion Ratio Lower Upper
188 100
94 9.4 8.2 12.4
80 10.6 8.8 13.2



#64
4,6-Dinitro-2-methylphenol
Concen: 42.44 ng
RT: 15.57 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BG016875.D
Acq: 5 May 2015 20:50

Tgt Ion:198 Resp: 91303
Ion Ratio Lower Upper
198 100
51 57.4 31.2 71.2
105 45.3 22.0 62.0





#65

n-Nitrosodiphenylamine

Concen: 39.30 ng

RT: 15.71 min Scan# 2216

Delta R.T. 0.00 min

Lab File: BG016875.D

Acq: 5 May 2015 20:50

Instrument :

BNA_F

ClientSampleId :

PB83180BS

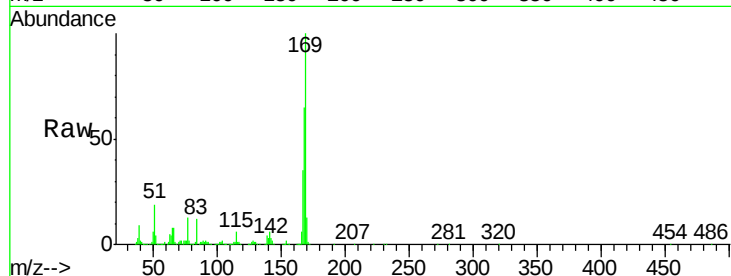
Tgt Ion:169 Resp: 520526

Ion Ratio Lower Upper

169 100

168 64.7 50.6 76.0

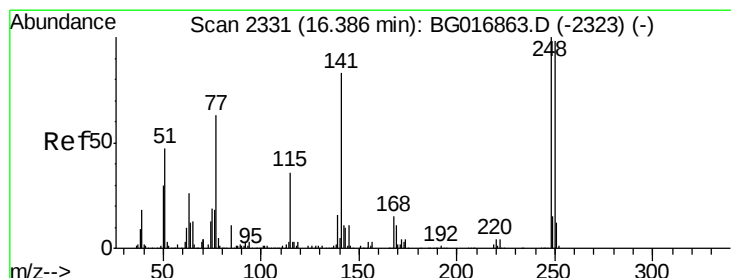
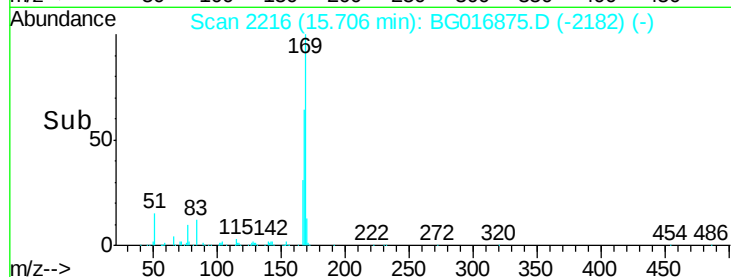
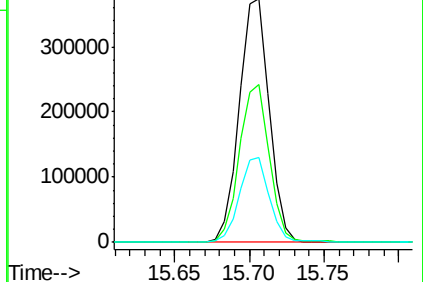
167 34.9 29.0 43.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.19 ng

RT: 16.38 min Scan# 2331

Delta R.T. -0.00 min

Lab File: BG016875.D

Acq: 5 May 2015 20:50

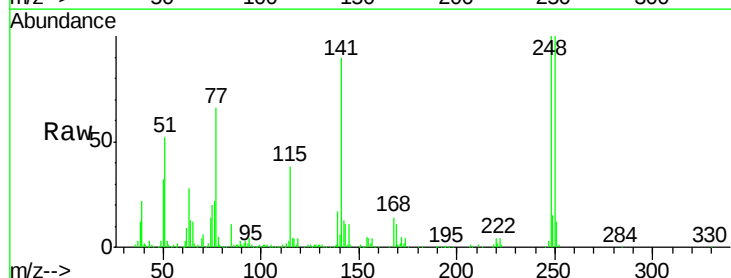
Tgt Ion:248 Resp: 175016

Ion Ratio Lower Upper

248 100

250 100.0 78.6 117.8

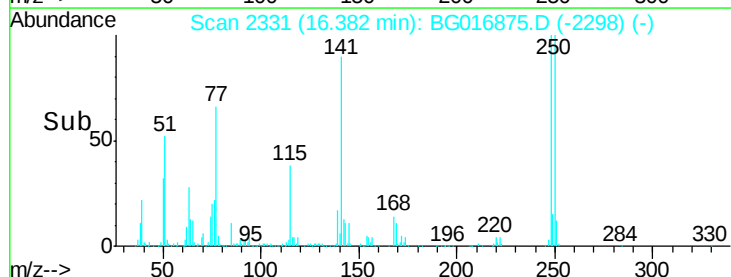
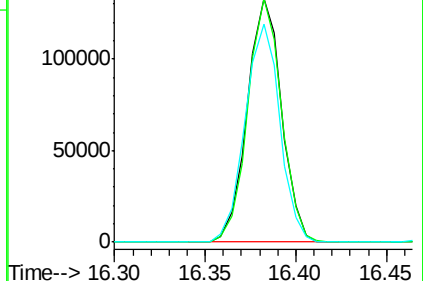
141 89.8 66.3 99.5

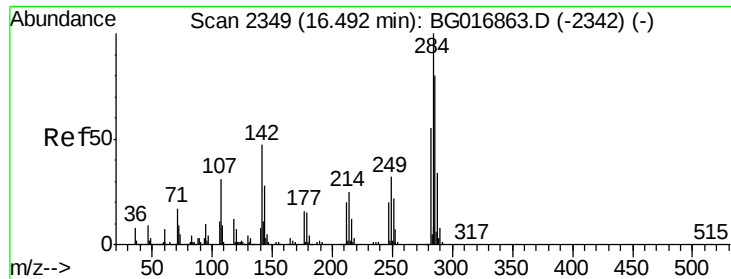


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

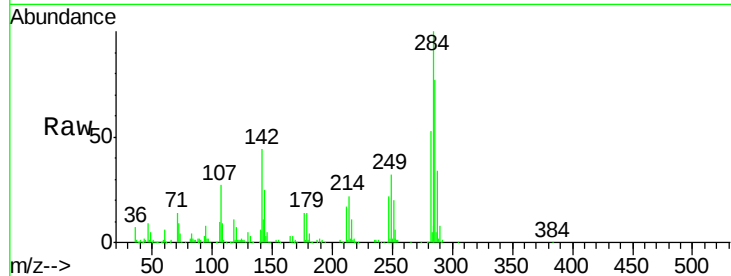




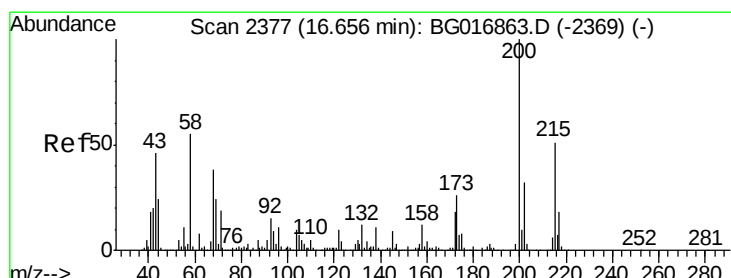
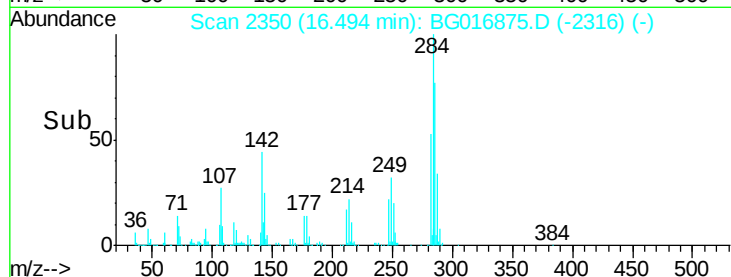
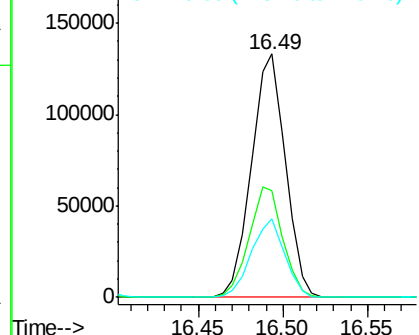
#67
Hexachlorobenzene
Concen: 40.56 ng
RT: 16.49 min Scan# 2350
Delta R.T. 0.00 min
Lab File: BG016875.D
Acq: 5 May 2015 20:50

Instrument :
BNA_F
ClientSampleId :
PB83180BS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	43.8	37.4	56.0
249	32.3	25.5	38.3

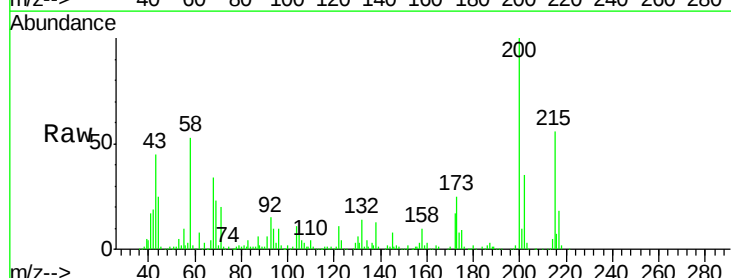


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

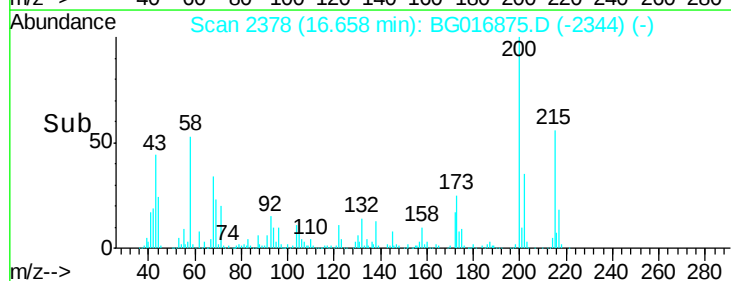
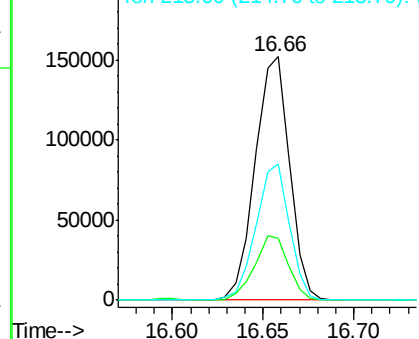


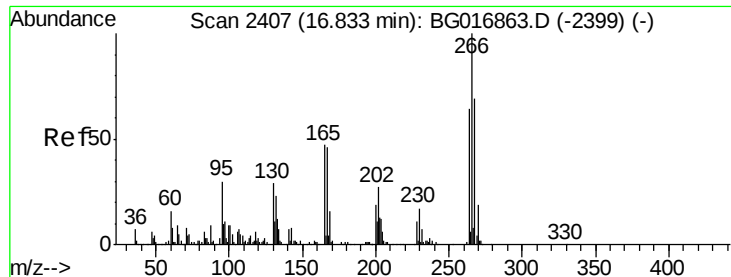
#68
Atrazine
Concen: 42.19 ng
RT: 16.66 min Scan# 2378
Delta R.T. 0.00 min
Lab File: BG016875.D
Acq: 5 May 2015 20:50

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.2	6.1	46.1
215	55.9	30.8	70.8



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

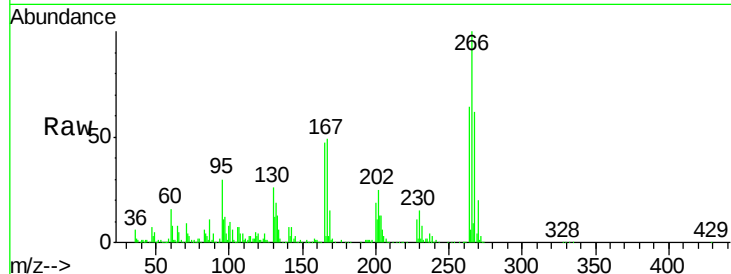




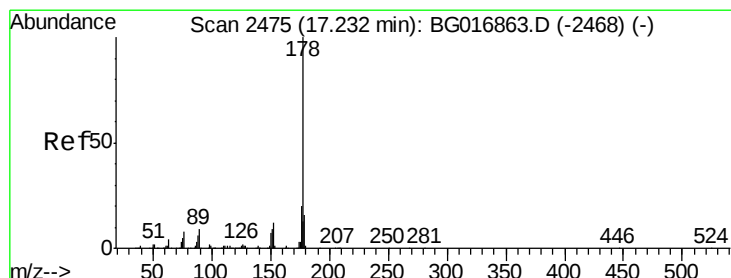
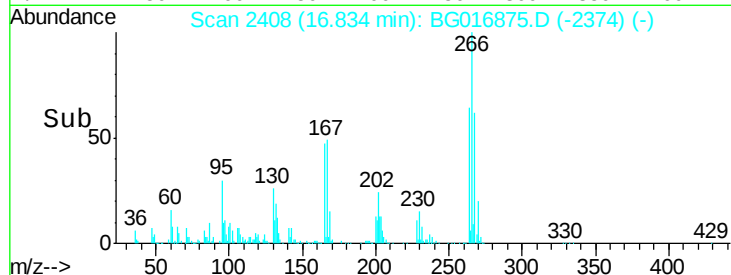
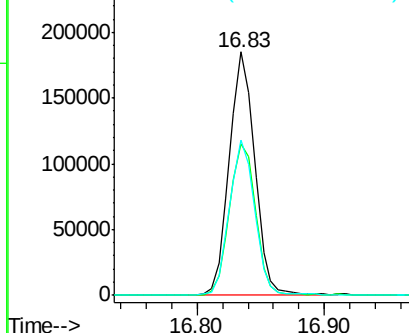
#69
 Pentachlorophenol
 Concen: 86.35 ng
 RT: 16.83 min Scan# 2408
 Delta R.T. 0.00 min
 Lab File: BG016875.D
 Acq: 5 May 2015 20:50

Instrument :
 BNA_F
 ClientSampleId :
 PB83180BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.0	55.2	82.8
264	63.9	51.4	77.0

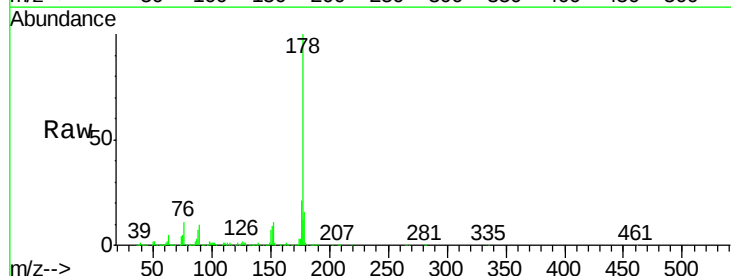


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

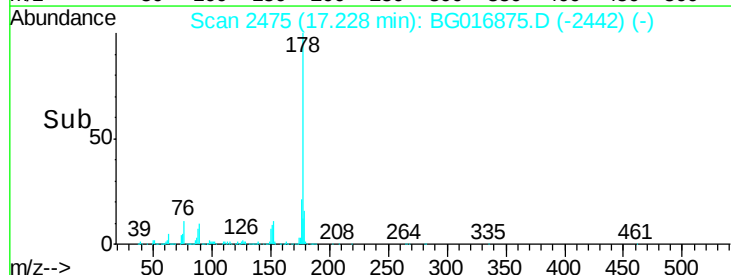
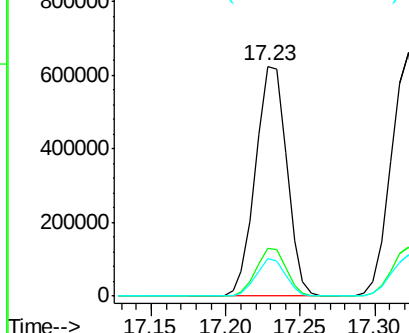


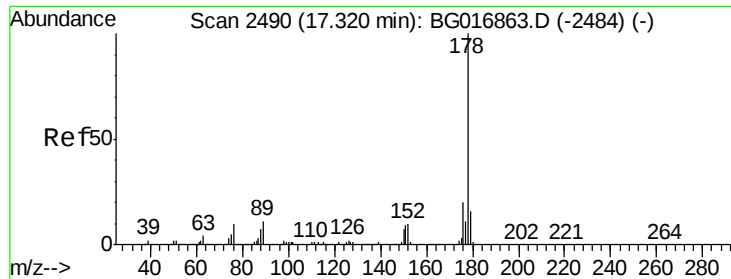
#70
 Phenanthrene
 Concen: 40.40 ng
 RT: 17.23 min Scan# 2475
 Delta R.T. -0.00 min
 Lab File: BG016875.D
 Acq: 5 May 2015 20:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.0	24.0
179	16.5	13.0	19.6



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

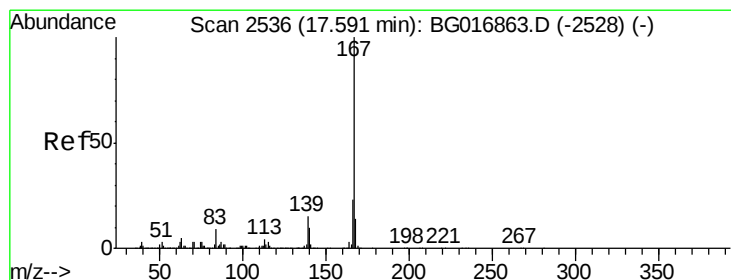
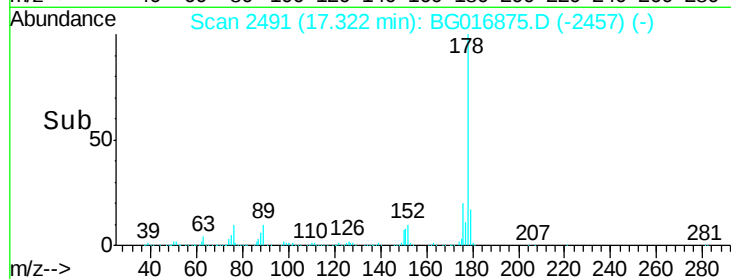
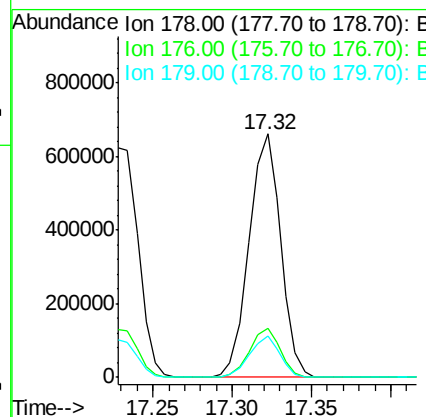
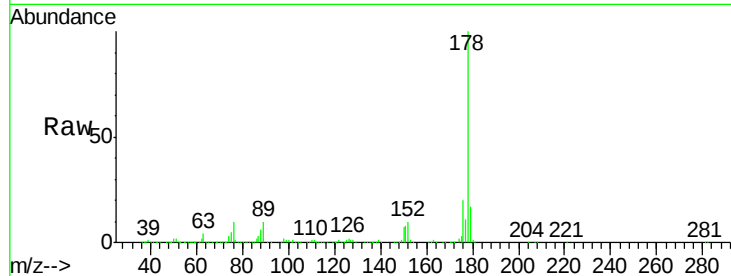




#71
 Anthracene
 Concen: 40.52 ng
 RT: 17.32 min Scan# 2491
 Delta R.T. 0.00 min
 Lab File: BG016875.D
 Acq: 5 May 2015 20:50

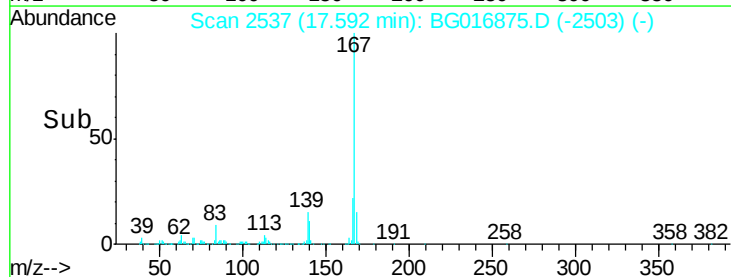
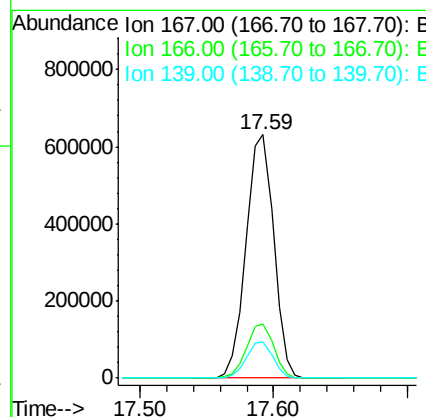
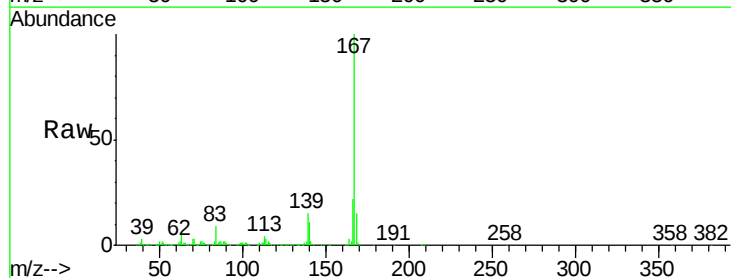
Instrument :
 BNA_F
 ClientSampleId :
 PB83180BS

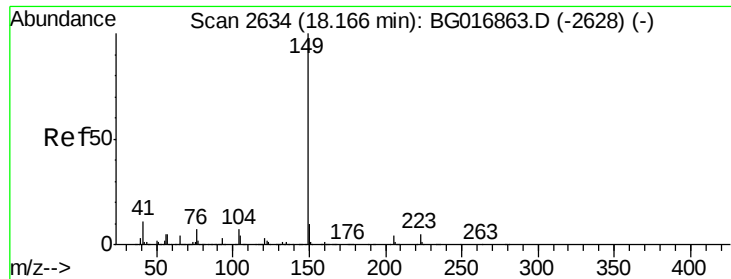
Tgt Ion:178 Resp: 912665
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.2 24.4
 179 16.8 13.1 19.7



#72
 Carbazole
 Concen: 42.13 ng
 RT: 17.59 min Scan# 2537
 Delta R.T. 0.00 min
 Lab File: BG016875.D
 Acq: 5 May 2015 20:50

Tgt Ion:167 Resp: 902129
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.4 27.6
 139 15.0 12.2 18.4





#73

Di-n-butylphthalate

Concen: 40.47 ng

RT: 18.16 min Scan# 2634

Delta R.T. -0.00 min

Lab File: BG016875.D

Acq: 5 May 2015 20:50

Instrument :

BNA_F

ClientSampleId :

PB83180BS

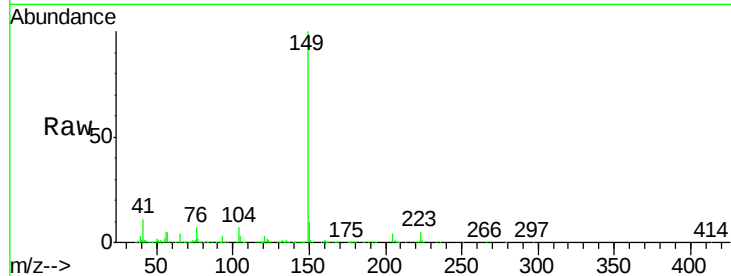
Tgt Ion:149 Resp: 1123491

Ion Ratio Lower Upper

149 100

150 10.2 7.7 11.5

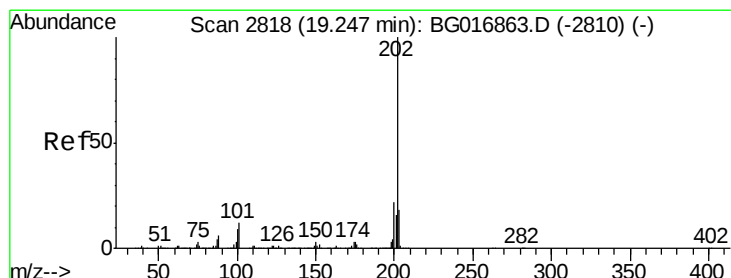
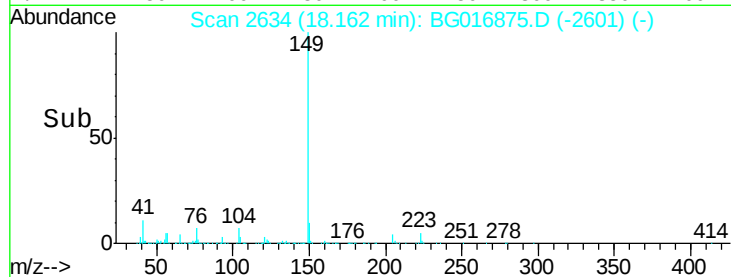
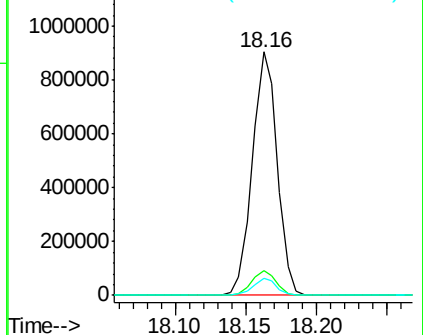
104 6.9 5.4 8.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.15 ng

RT: 19.24 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG016875.D

Acq: 5 May 2015 20:50

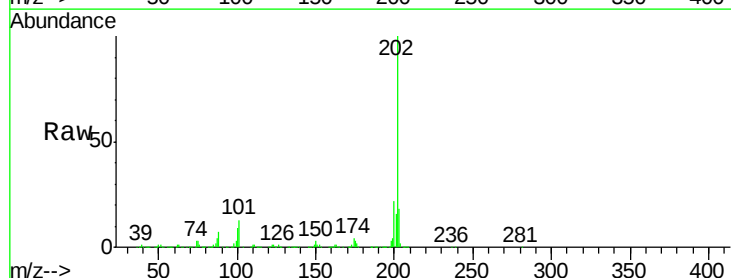
Tgt Ion:202 Resp: 1065914

Ion Ratio Lower Upper

202 100

101 12.7 0.0 31.5

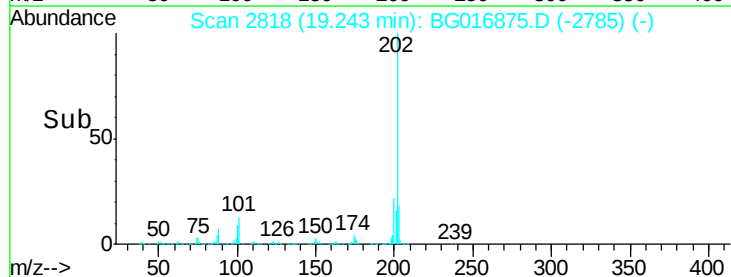
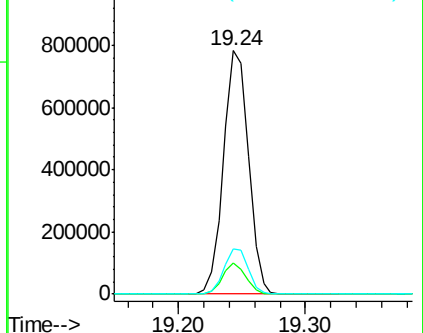
203 18.4 0.0 38.1

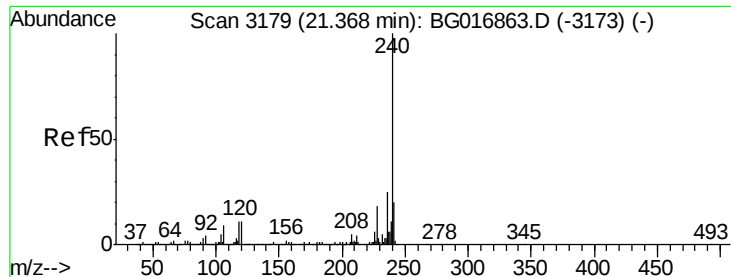


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.36 min Scan# 3179

Delta R.T. -0.00 min

Lab File: BG016875.D

Acq: 5 May 2015 20:50

Instrument :

BNA_F

ClientSampleId :

PB83180BS

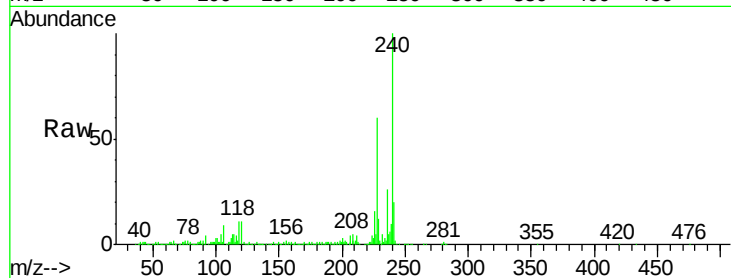
Tgt Ion:240 Resp: 445826

Ion Ratio Lower Upper

240 100

120 11.3 9.1 13.7

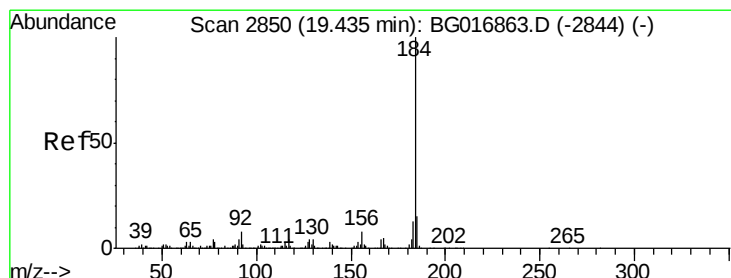
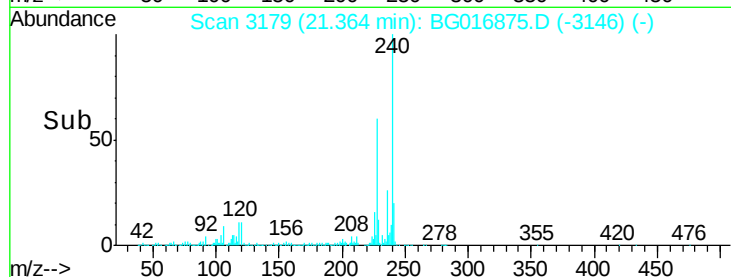
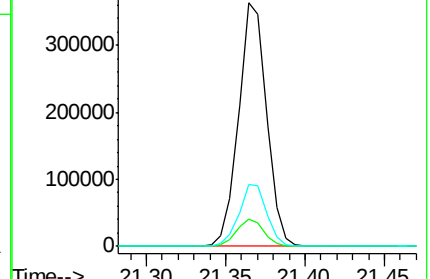
236 25.6 20.2 30.4



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: 32.66 ng

RT: 19.43 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG016875.D

Acq: 5 May 2015 20:50

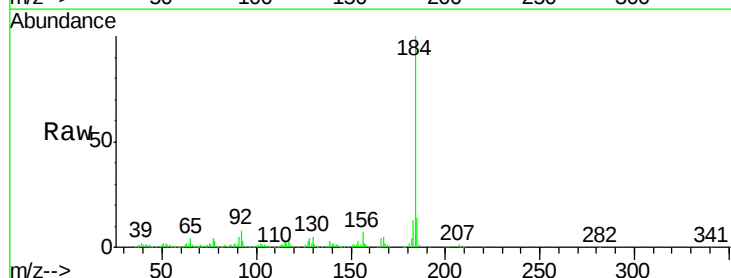
Tgt Ion:184 Resp: 494707

Ion Ratio Lower Upper

184 100

185 13.6 11.8 17.6

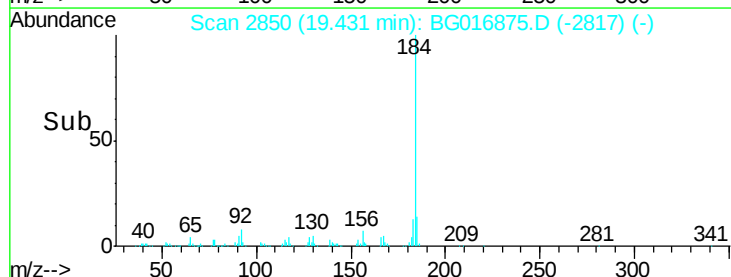
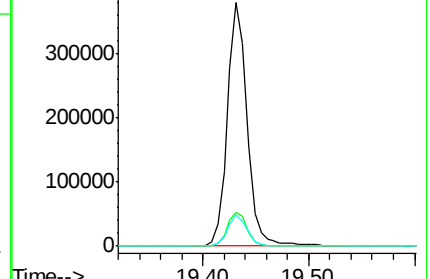
183 12.6 10.6 15.8

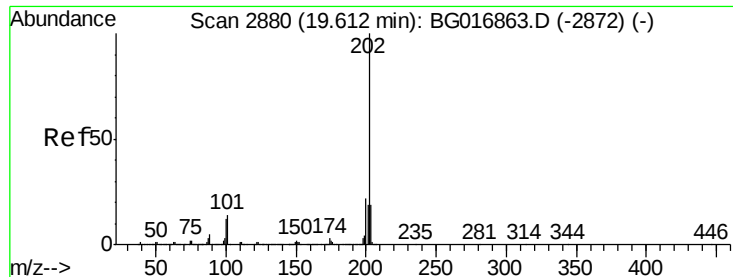


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

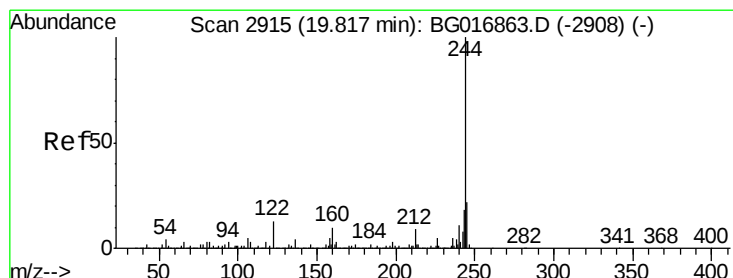
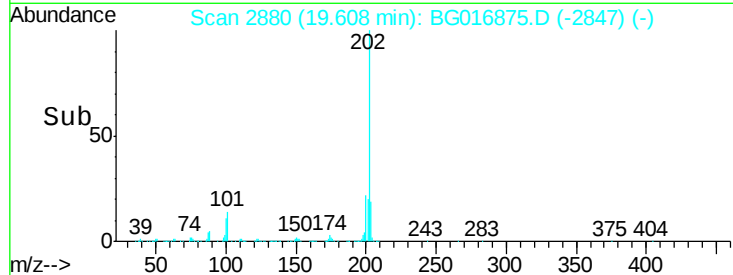
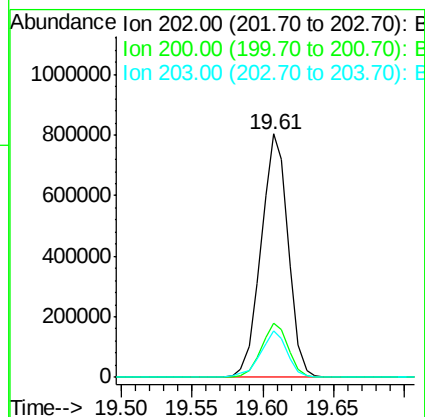
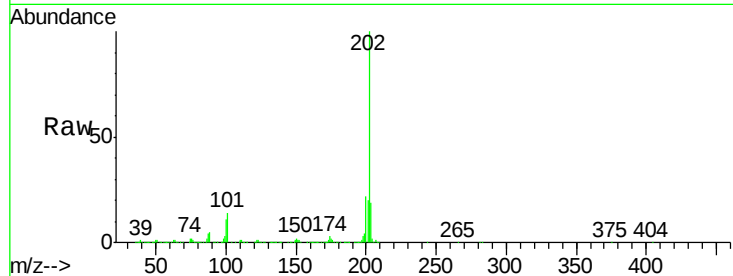




#77
 Pyrene
 Concen: 41.31 ng
 RT: 19.61 min Scan# 2880
 Delta R.T. -0.00 min
 Lab File: BG016875.D
 Acq: 5 May 2015 20:50

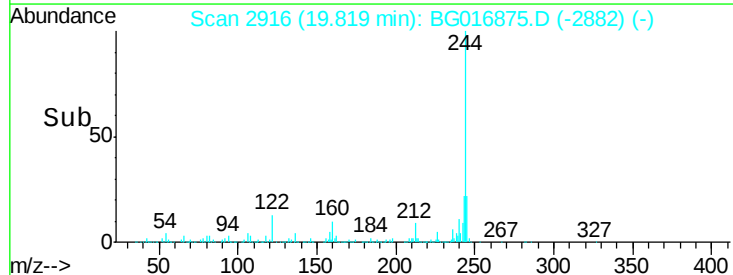
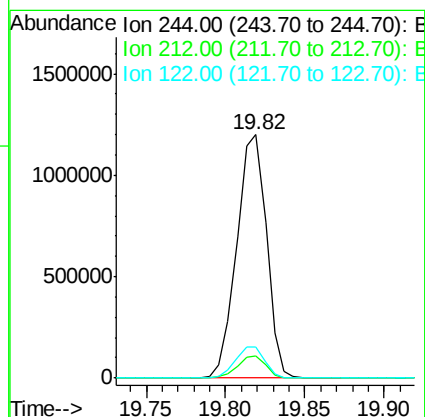
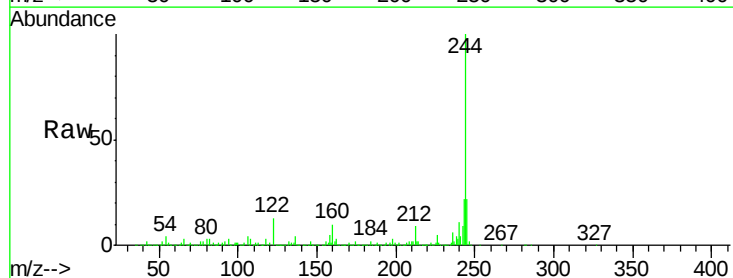
Instrument :
 BNA_F
 ClientSampleId :
 PB83180BS

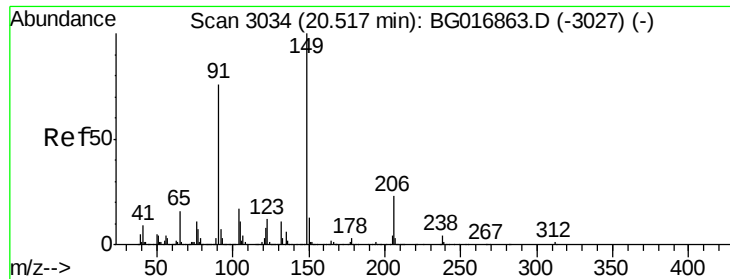
Tgt Ion:202 Resp: 1087078
 Ion Ratio Lower Upper
 202 100
 200 22.5 17.9 26.9
 203 19.0 15.2 22.8



#78
 Terphenyl-d14
 Concen: 82.12 ng
 RT: 19.82 min Scan# 2916
 Delta R.T. 0.00 min
 Lab File: BG016875.D
 Acq: 5 May 2015 20:50

Tgt Ion:244 Resp: 1561832
 Ion Ratio Lower Upper
 244 100
 212 9.0 7.0 10.6
 122 13.0 10.4 15.6

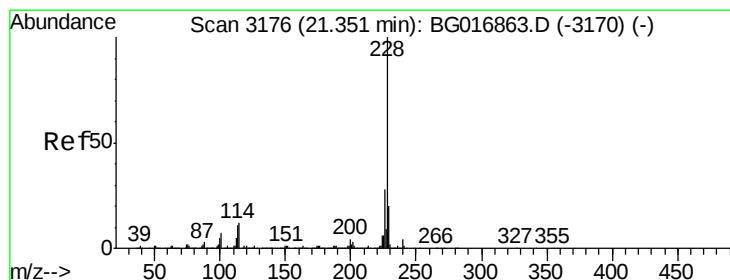
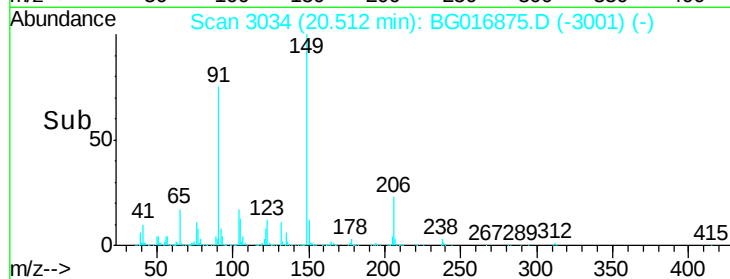
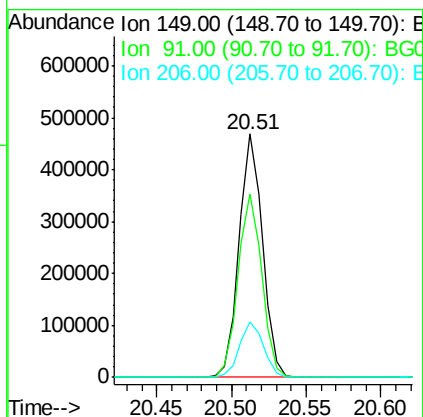
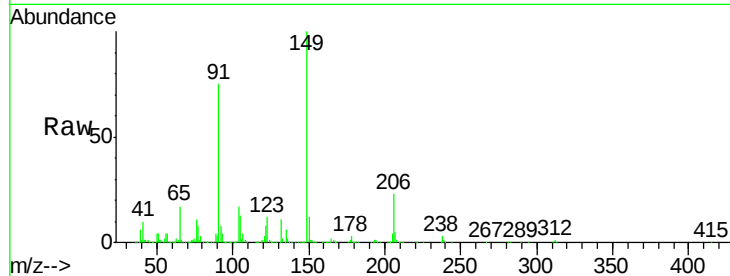




#79
Butylbenzylphthalate
Concen: 41.04 ng
RT: 20.51 min Scan# 3034
Delta R.T. -0.00 min
Lab File: BG016875.D
Acq: 5 May 2015 20:50

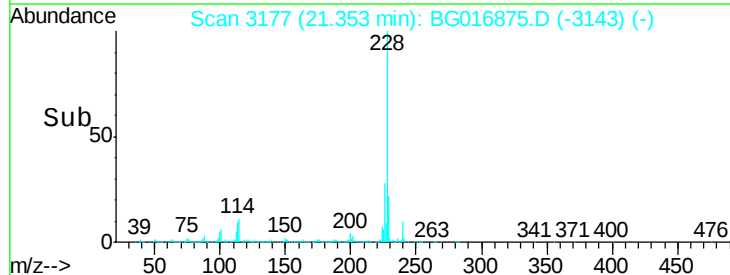
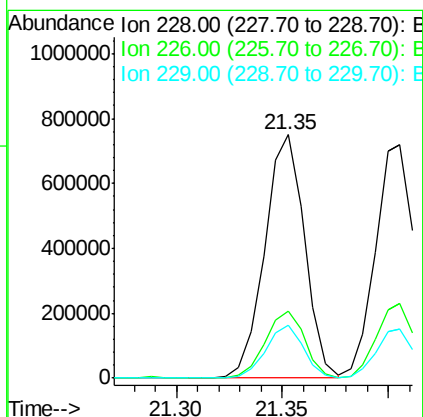
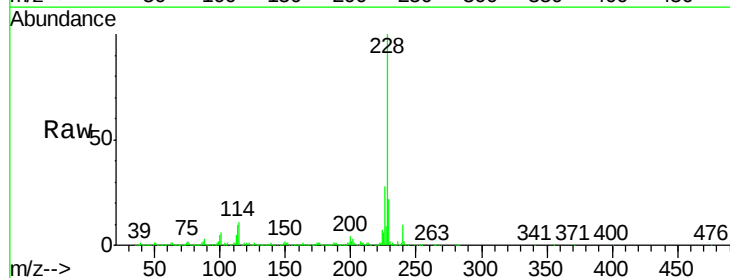
Instrument :
BNA_F
ClientSampleId :
PB83180BS

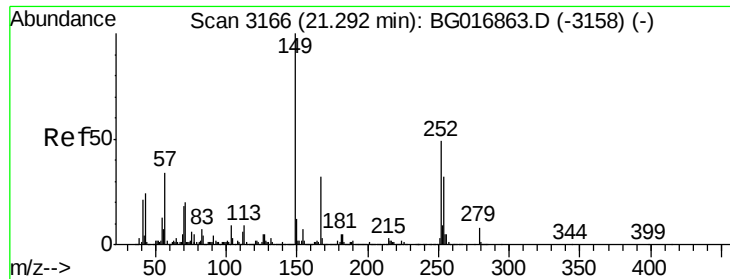
Tgt Ion:149 Resp: 513237
Ion Ratio Lower Upper
149 100
91 75.3 60.6 91.0
206 22.7 18.4 27.6



#80
Benzo(a)anthracene
Concen: 41.16 ng
RT: 21.35 min Scan# 3177
Delta R.T. 0.00 min
Lab File: BG016875.D
Acq: 5 May 2015 20:50

Tgt Ion:228 Resp: 984337
Ion Ratio Lower Upper
228 100
226 27.7 22.7 34.1
229 21.7 16.1 24.1

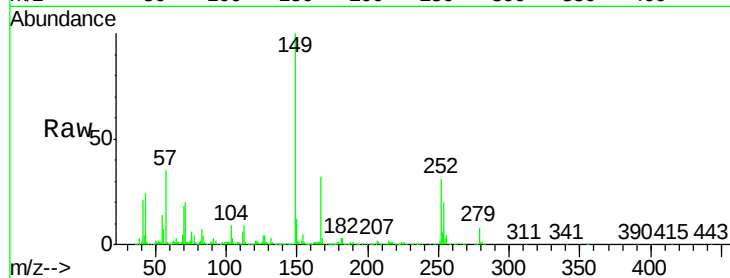




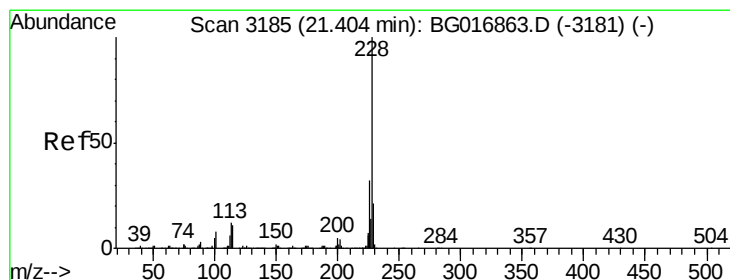
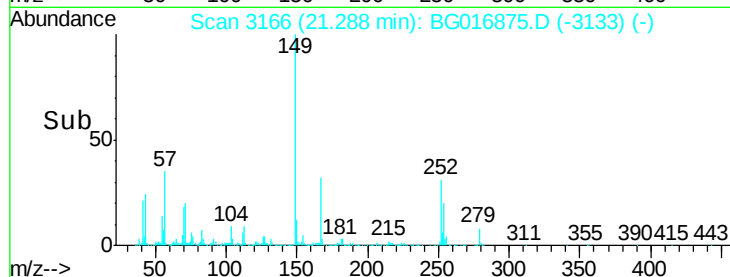
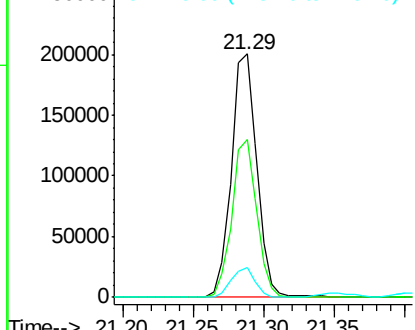
#81
 3,3'-Dichlorobenzidine
 Concen: 27.00 ng
 RT: 21.29 min Scan# 3166
 Delta R.T. -0.00 min
 Lab File: BG016875.D
 Acq: 5 May 2015 20:50

Instrument :
 BNA_F
 ClientSampled :
 PB83180BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.7	77.5
126	12.3	8.9	13.3

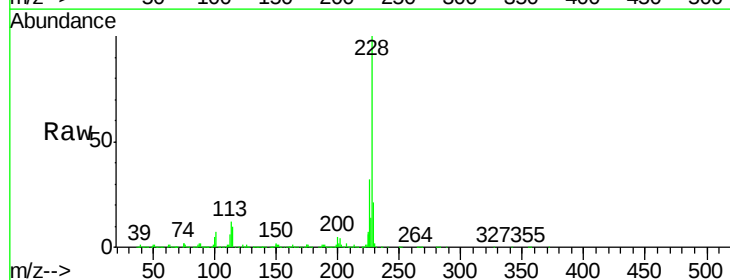


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

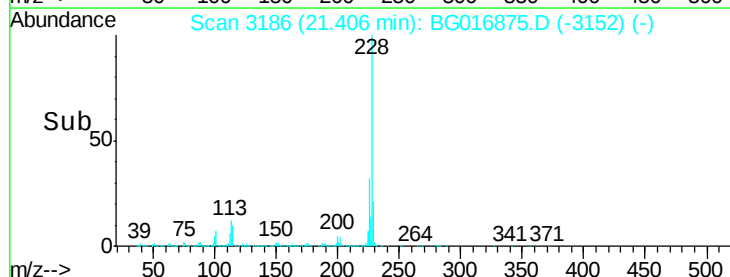
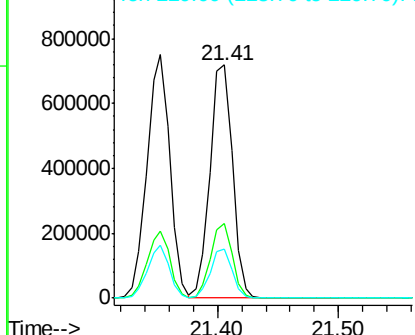


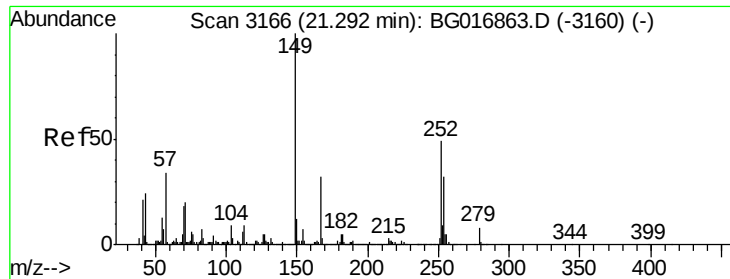
#82
 Chrysene
 Concen: 41.22 ng
 RT: 21.41 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: BG016875.D
 Acq: 5 May 2015 20:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.4	38.0
229	20.9	16.5	24.7



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

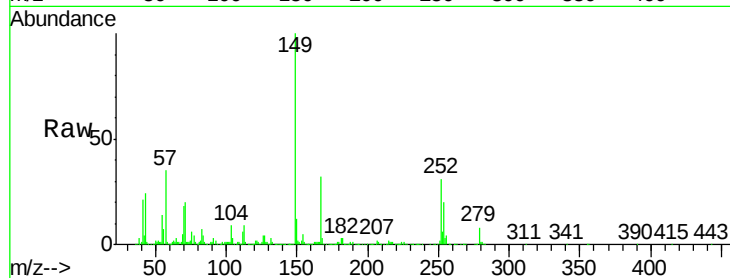




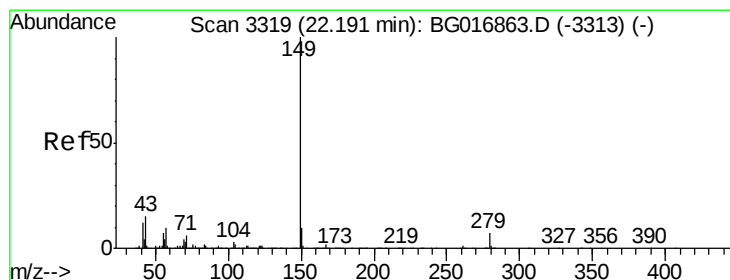
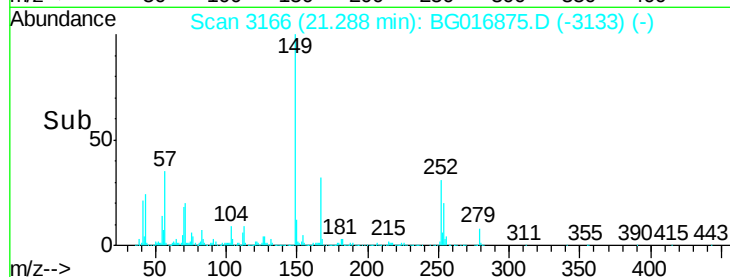
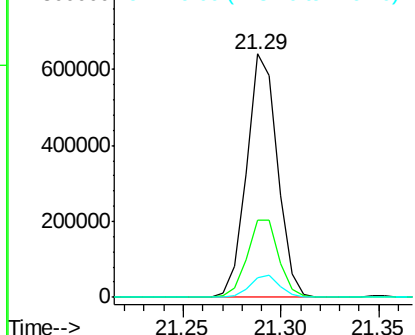
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.97 ng
 RT: 21.29 min Scan# 3166
 Delta R.T. -0.00 min
 Lab File: BG016875.D
 Acq: 5 May 2015 20:50

Instrument :
 BNA_F
 ClientSampleId :
 PB83180BS

Tgt Ion:149 Resp: 700786
 Ion Ratio Lower Upper
 149 100
 167 31.7 25.4 38.0
 279 8.2 6.4 9.6

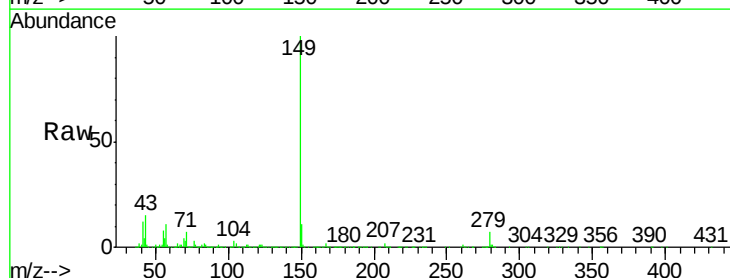


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

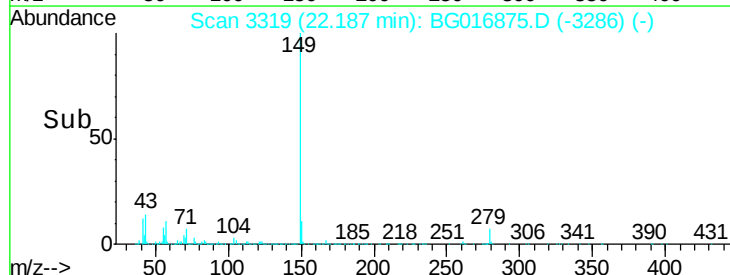
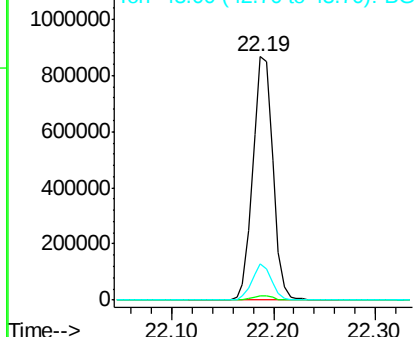


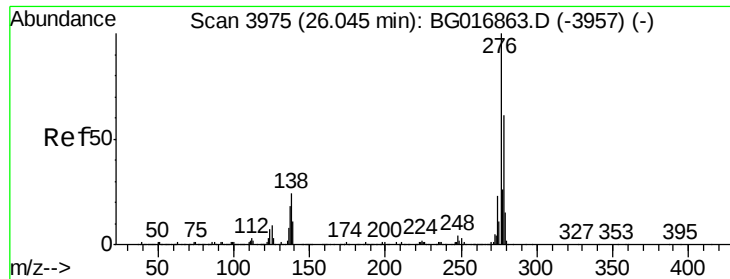
#84
 Di-n-octyl phthalate
 Concen: 41.32 ng
 RT: 22.19 min Scan# 3319
 Delta R.T. -0.00 min
 Lab File: BG016875.D
 Acq: 5 May 2015 20:50

Tgt Ion:149 Resp: 1187327
 Ion Ratio Lower Upper
 149 100
 167 1.8 0.0 0.0#
 43 14.5 0.0 0.0#



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





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.91 ng

RT: 26.05 min Scan# 3976

Delta R.T. 0.00 min

Lab File: BG016875.D

Acq: 5 May 2015 20:50

Instrument :

BNA_F

ClientSampleId :

PB83180BS

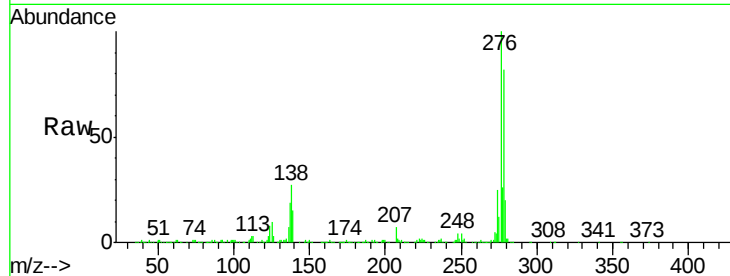
Tgt Ion:276 Resp: 1065472

Ion Ratio Lower Upper

276 100

138 26.9 0.0 0.0#

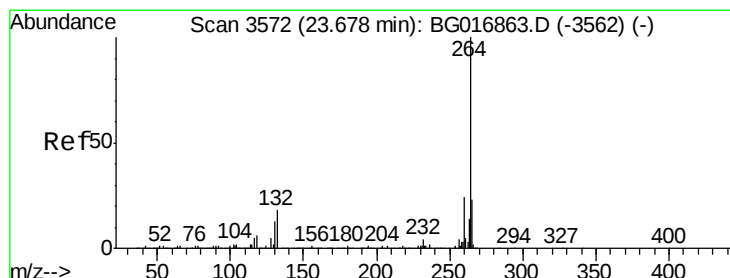
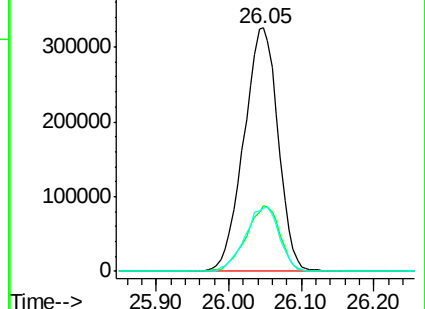
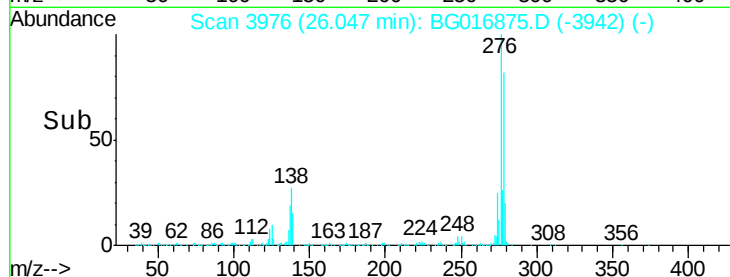
277 26.6 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.67 min Scan# 3572

Delta R.T. -0.00 min

Lab File: BG016875.D

Acq: 5 May 2015 20:50

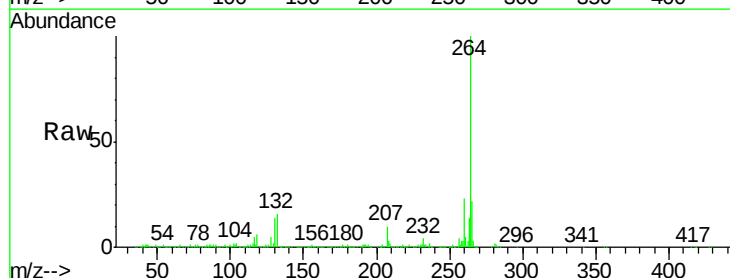
Tgt Ion:264 Resp: 425937

Ion Ratio Lower Upper

264 100

260 22.9 19.5 29.3

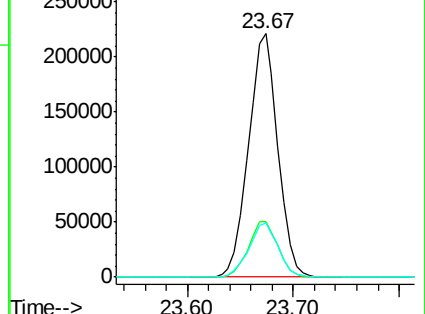
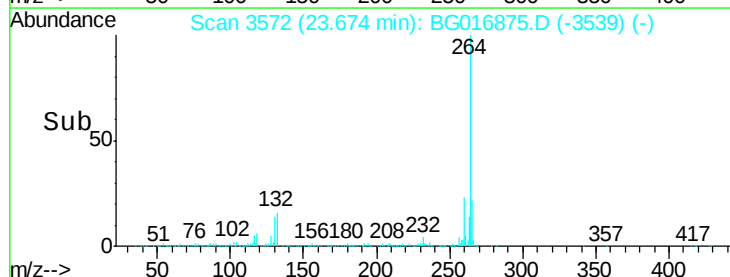
265 22.0 18.5 27.7

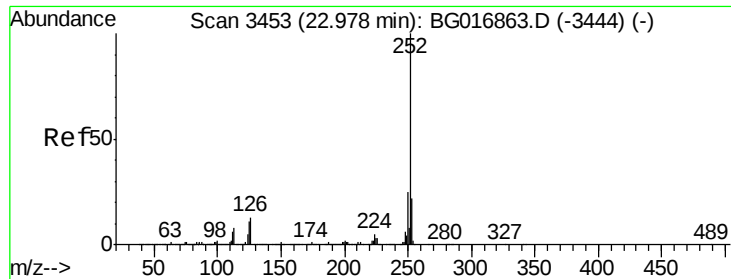


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 41.38 ng

RT: 22.97 min Scan# 3453

Delta R.T. -0.00 min

Lab File: BG016875.D

Acq: 5 May 2015 20:50

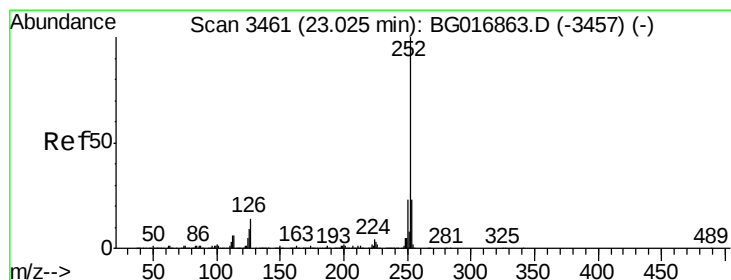
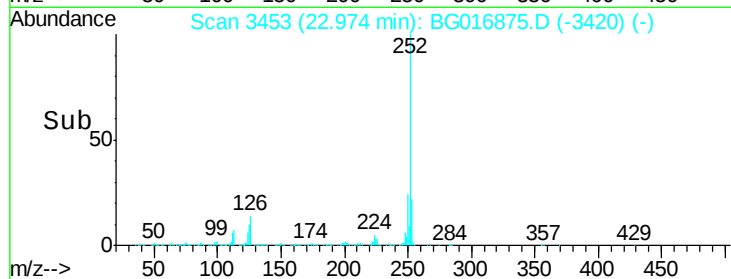
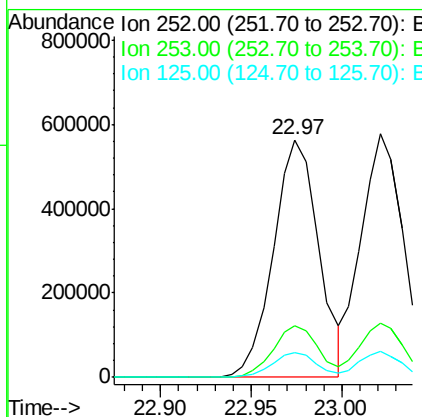
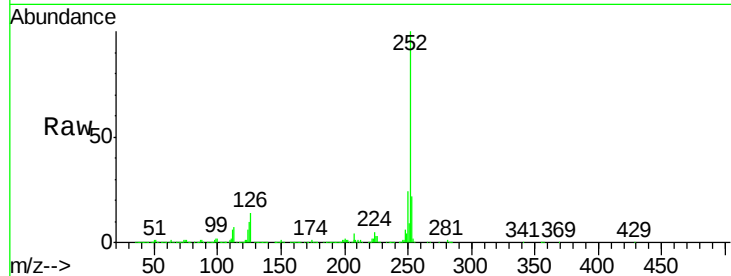
Instrument :

BNA_F

ClientSampleId :

PB83180BS

Tgt Ion:	252	Resp:	981832
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	10.5	8.6	13.0



#88

Benzo(k)fluoranthene

Concen: 40.78 ng

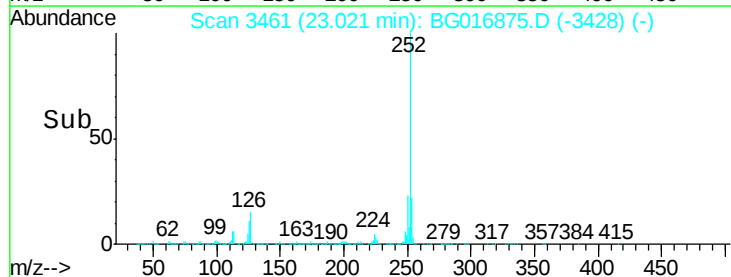
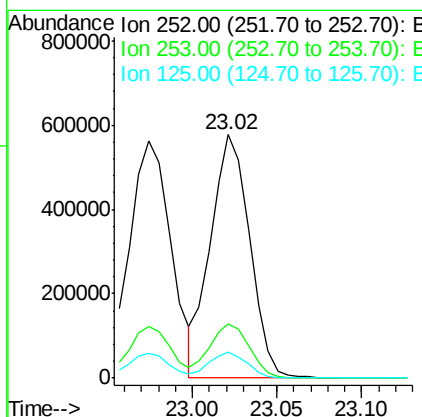
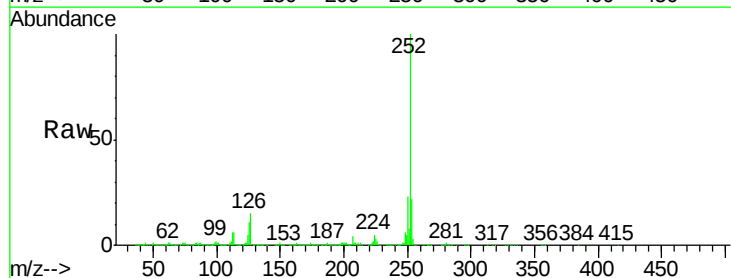
RT: 23.02 min Scan# 3461

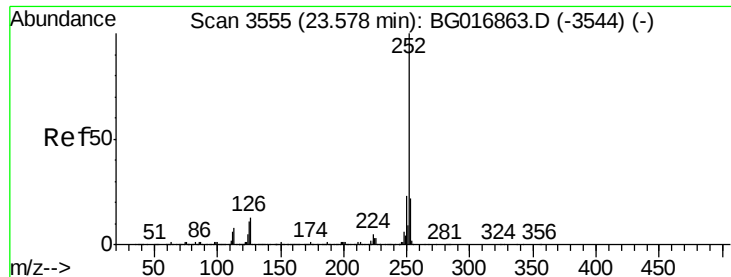
Delta R.T. -0.00 min

Lab File: BG016875.D

Acq: 5 May 2015 20:50

Tgt Ion:	252	Resp:	930967
Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.4	27.6
125	10.8	7.9	11.9





#89

Benzo(a)pyrene

Concen: 42.31 ng

RT: 23.57 min Scan# 3555

Delta R.T. -0.00 min

Lab File: BG016875.D

Acq: 5 May 2015 20:50

Instrument :

BNA_F

ClientSampleId :

PB83180BS

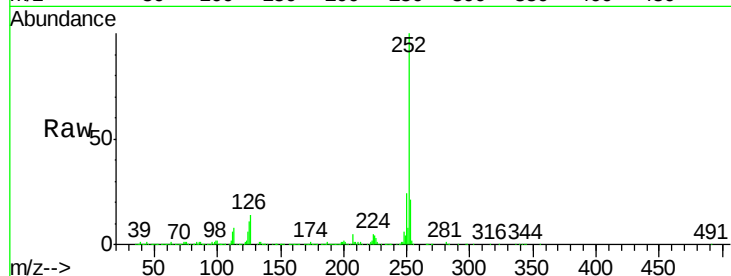
Tgt Ion:252 Resp: 936079

Ion Ratio Lower Upper

252 100

253 21.2 17.7 26.5

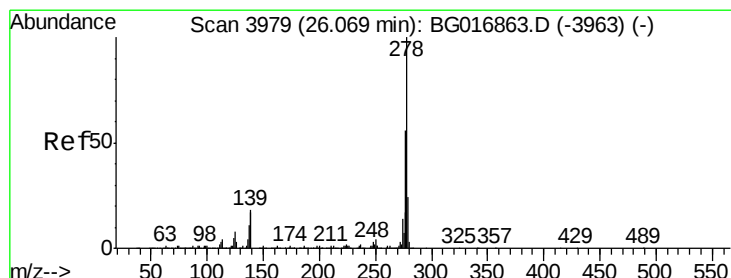
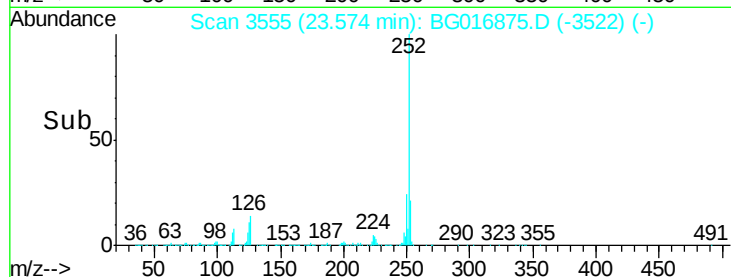
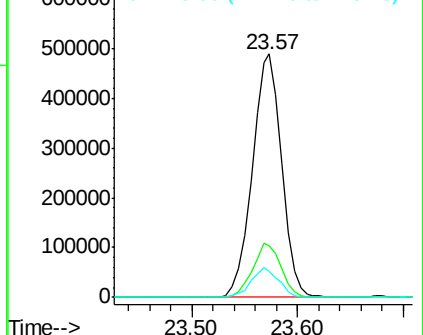
125 10.7 8.5 12.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.98 ng

RT: 26.06 min Scan# 3978

Delta R.T. -0.01 min

Lab File: BG016875.D

Acq: 5 May 2015 20:50

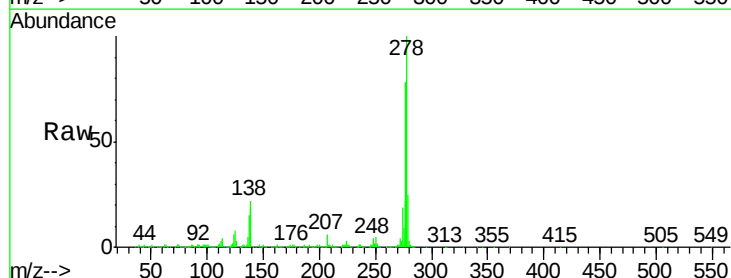
Tgt Ion:278 Resp: 903539

Ion Ratio Lower Upper

278 100

139 17.9 14.2 21.2

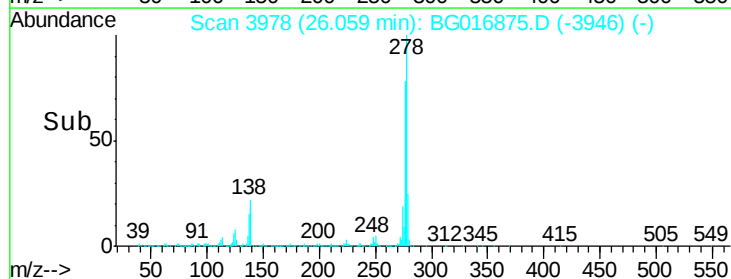
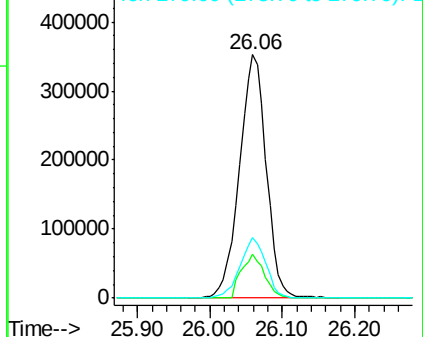
279 25.0 18.9 28.3

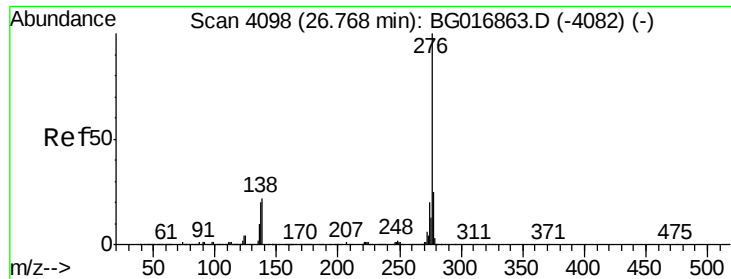


Abundance Ion 278.00 (277.70 to 278.70): E

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: 40.54 ng

RT: 26.77 min Scan# 4099

Delta R.T. 0.00 min

Lab File: BG016875.D

Acq: 5 May 2015 20:50

Instrument :

BNA_F

ClientSampleId :

PB83180BS

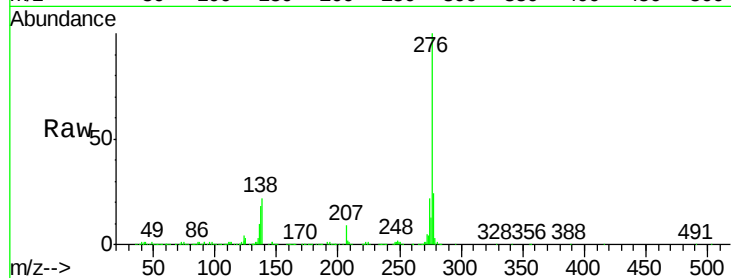
Tgt Ion:276 Resp: 872594

Ion Ratio Lower Upper

276 100

277 24.4 19.6 29.4

138 22.1 17.5 26.3



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

