

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051115\
 Data File : BG017061.D
 Acq On : 11 May 2015 19:46
 Operator : TP/IZ
 Sample : G2177-20MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PS-30A(20-25)MSD

Quant Time: May 12 04:19:47 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 04:00:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	57991	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	246882	20.00	ng	0.00
38) Acenaphthene-d10	14.41	164	161463	20.00	ng	0.00
63) Phenanthrene-d10	17.15	188	369165	20.00	ng	0.00
75) Chrysene-d12	21.33	240	392806	20.00	ng	0.00
86) Perylene-d12	23.62	264	381900	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	354718	106.51	ng	0.00
7) Phenol-d6	6.95	99	486412	102.23	ng	0.00
23) Nitrobenzene-d5	8.91	82	318108	62.95	ng	0.00
41) 2,4,6-Tribromophenol	15.90	330	193628	119.45	ng	0.00
44) 2-Fluorobiphenyl	13.02	172	657249	61.43	ng	0.00
78) Terphenyl-d14	19.78	244	1083481	64.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	35615	25.52	ng	# 1
3) Pyridine	3.62	79	104878	24.31	ng	97
4) n-Nitrosodimethylamine	3.54	42	80205	31.14	ng	89
6) Aniline	7.08	93	170180	25.47	ng	96
8) 2-Chlorophenol	7.33	128	129172	33.48	ng	94
9) Benzaldehyde	6.89	77	72711	19.42	ng	96
10) Phenol	6.97	94	173344	33.97	ng	94
11) bis(2-Chloroethyl)ether	7.18	93	122748	31.11	ng	93
12) 1,3-Dichlorobenzene	7.64	146	122922	28.89	ng	96
13) 1,4-Dichlorobenzene	7.79	146	128039	29.71	ng	96
14) 1,2-Dichlorobenzene	8.10	146	123191	29.79	ng	92
15) Benzyl Alcohol	8.00	79	136944	31.51	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.29	45	200736	27.49	ng	99
17) 2-Methylphenol	8.22	107	114452	31.85	ng	98
18) Hexachloroethane	8.83	117	52571	29.68	ng	99
19) n-Nitroso-di-n-propylamine	8.56	70	113795	27.27	ng	94
20) 3+4-Methylphenols	8.54	107	158760	32.06	ng	96
22) Acetophenone	8.58	105	194350	33.05	ng	# 98
24) Nitrobenzene	8.95	77	163934	32.12	ng	96
25) Isophorone	9.48	82	304091	29.80	ng	98
26) 2-Nitrophenol	9.66	139	71441	34.38	ng	99
27) 2,4-Dimethylphenol	9.74	122	131331	34.92	ng	97
28) bis(2-Chloroethoxy)methane	9.96	93	159999	31.06	ng	97
29) 2,4-Dichlorophenol	10.21	162	129996	36.59	ng	94
30) 1,2,4-Trichlorobenzene	10.41	180	120967	32.11	ng	95
31) Naphthalene	10.60	128	382638	31.16	ng	99
32) Benzoic acid	9.74	122	130293	54.72	ng	# 8
33) 4-Chloroaniline	10.72	127	150426	26.53	ng	99
34) Hexachlorobutadiene	10.89	225	75410	31.98	ng	98
35) Caprolactam	11.48	113	56221	30.46	ng	93
36) 4-Chloro-3-methylphenol	11.86	107	160241	35.22	ng	99
37) 2-Methylnaphthalene	12.21	142	293125	31.34	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	137052	31.40	ng	# 100
40) Hexachlorocyclopentadiene	12.57	237	183794	65.20	ng	99

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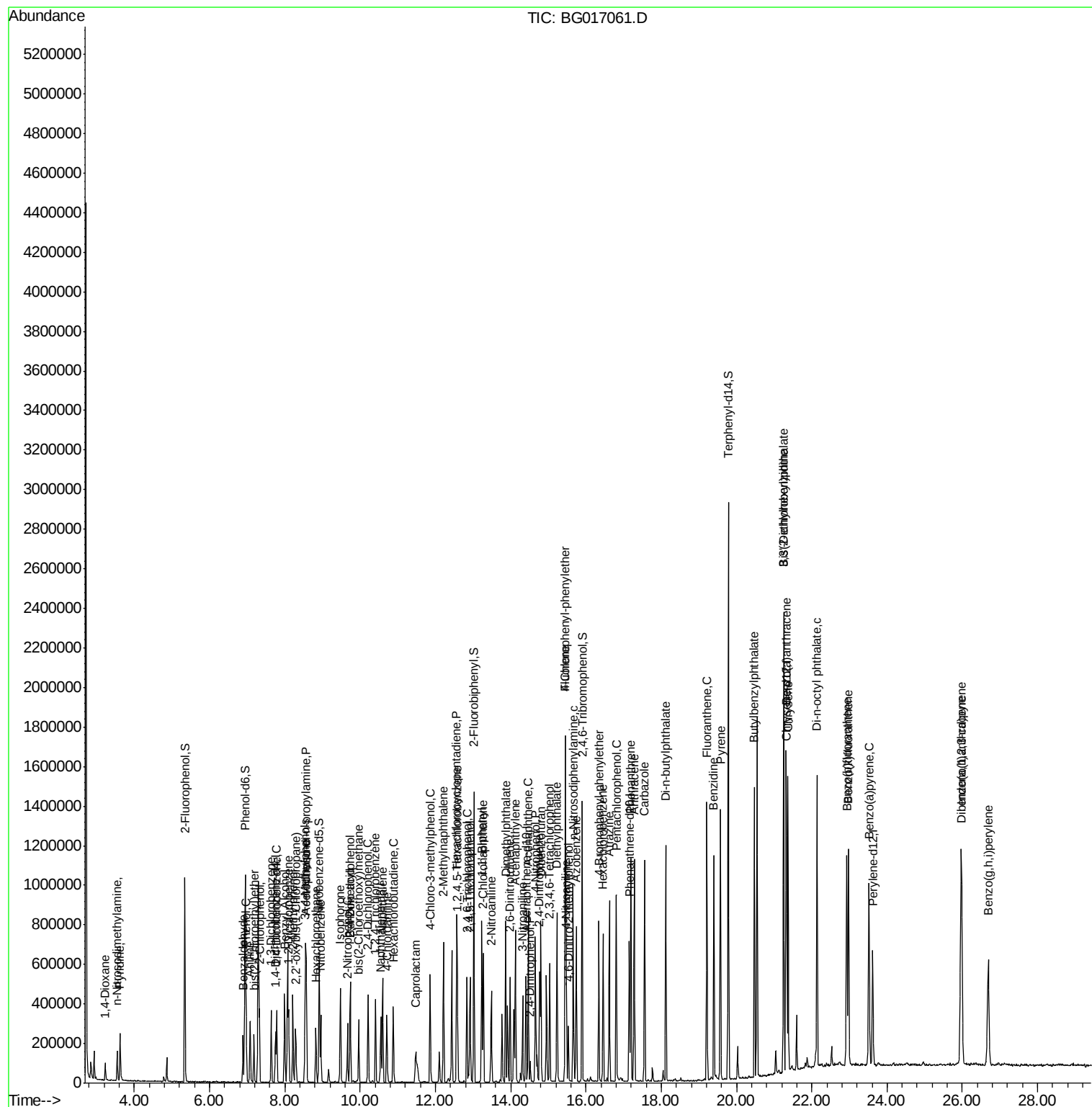
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42) 2,4,6-Trichlorophenol	12.84	196	104518	33.79	ng	93
43) 2,4,5-Trichlorophenol	12.93	196	115176	35.08	ng	98
45) 1,1'-Biphenyl	13.24	154	372711	32.24	ng	98
46) 2-Chloronaphthalene	13.28	162	293821	32.09	ng	98
47) 2-Nitroaniline	13.48	65	120081	37.68	ng	96
48) Acenaphthylene	14.12	152	497213	31.18	ng	99
49) Dimethylphthalate	13.87	163	438008	36.33	ng	99
50) 2,6-Dinitrotoluene	13.98	165	90005	35.96	ng	89
51) Acenaphthene	14.47	154	298022	31.40	ng	98
52) 3-Nitroaniline	14.32	138	89191	31.32	ng	94
53) 2,4-Dinitrophenol	14.52	184	20812	18.18	ng	93
54) Dibenzofuran	14.81	168	453401	33.65	ng	96
55) 4-Nitrophenol	14.66	139	156226	64.70	ng	92
56) 2,4-Dinitrotoluene	14.78	165	132525	41.38	ng	95
57) Fluorene	15.45	166	393865	33.01	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.03	232	99349	35.07	ng	# 78
59) Diethylphthalate	15.23	149	427446	33.58	ng	99
60) 4-Chlorophenyl-phenylether	15.45	204	195287	32.58	ng	97
61) 4-Nitroaniline	15.48	138	118249	35.81	ng	89
62) Azobenzene	15.74	77	445676	33.81	ng	94
64) 4,6-Dinitro-2-methylphenol	15.53	198	50795	27.75	ng	89
65) n-Nitrosodiphenylamine	15.66	169	352663	31.30	ng	97
66) 4-Bromophenyl-phenylether	16.34	248	122899	33.17	ng	98
67) Hexachlorobenzene	16.46	284	128449	32.87	ng	99
68) Atrazine	16.62	200	141397	34.87	ng	94
69) Pentachlorophenol	16.81	266	148118	58.39	ng	96
70) Phenanthrene	17.20	178	613070	32.27	ng	99
71) Anthracene	17.28	178	627234	32.73	ng	98
72) Carbazole	17.56	167	622679	34.17	ng	99
73) Di-n-butylphthalate	18.12	149	787133	33.32	ng	100
74) Fluoranthene	19.21	202	747336	33.91	ng	99
76) Benzidine	19.40	184	555125	41.59	ng	99
77) Pyrene	19.58	202	764570	32.98	ng	99
79) Butylbenzylphthalate	20.48	149	362166	32.87	ng	97
80) Benzo(a)anthracene	21.32	228	725801	34.44	ng	99
81) 3,3'-Dichlorobenzidine	21.26	252	196522	23.88	ng	98
82) Chrysene	21.37	228	667265	33.81	ng	99
83) Bis(2-ethylhexyl)phthalate	21.25	149	504687	33.48	ng	98
84) Di-n-octyl phthalate	22.14	149	844538	33.36	ng	# 100
85) Indeno(1,2,3-cd)pyrene	25.97	276	790080	33.59	ng	# 100
87) Benzo(b)fluoranthene	22.93	252	699389	32.87	ng	98
88) Benzo(k)fluoranthene	22.97	252	691707	33.80	ng	100
89) Benzo(a)pyrene	23.52	252	681522	34.35	ng	99
90) Dibenzo(a,h)anthracene	25.99	278	662725	32.70	ng	97
91) Benzo(g,h,i)perylene	26.69	276	635800	32.95	ng	96

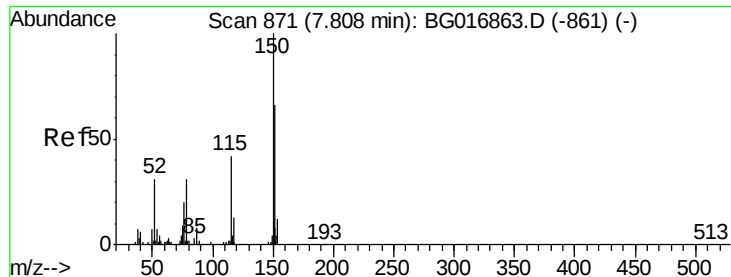
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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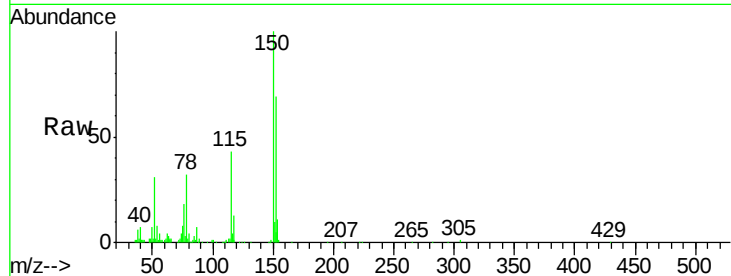


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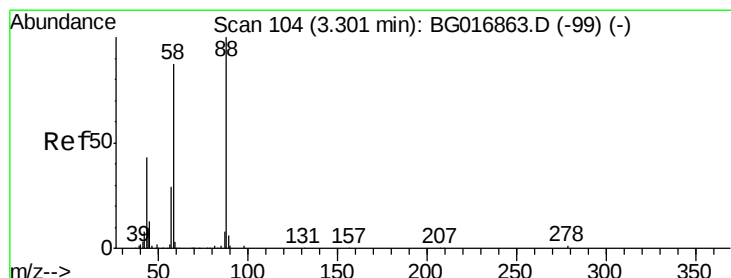
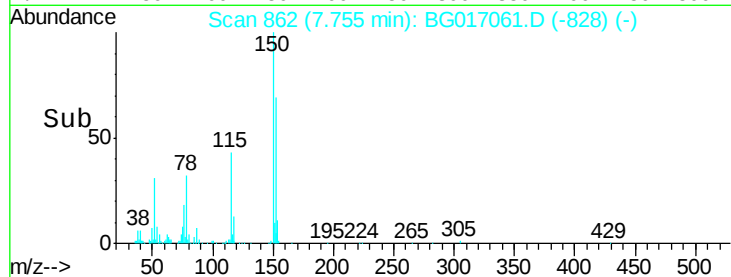
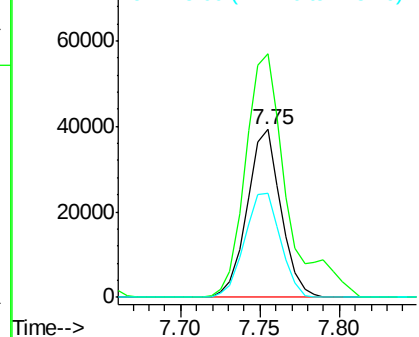
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 862
Delta R.T. -0.00 min
Lab File: BG017061.D
Acq: 11 May 2015 19:46

Instrument :
BNA_G
ClientSampleId :
PS-30A(20-25)MSD

Tgt Ion:152 Resp: 57991
Ion Ratio Lower Upper
152 100
150 145.1 121.0 181.4
115 62.4 50.5 75.7



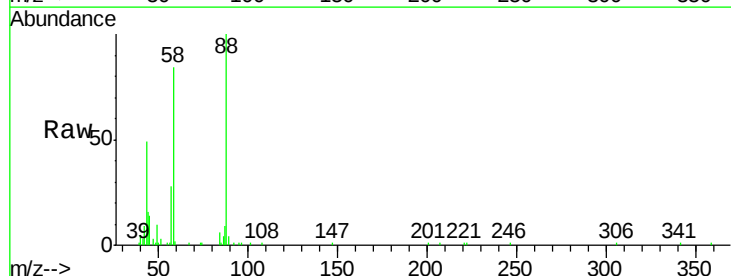
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



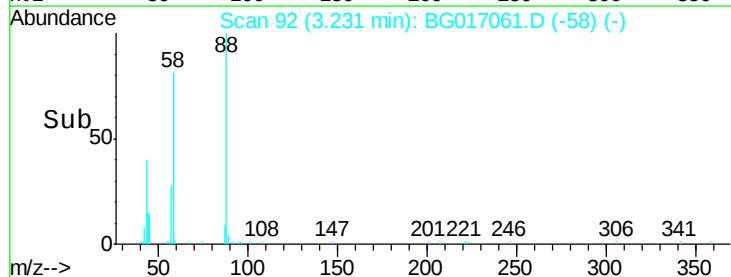
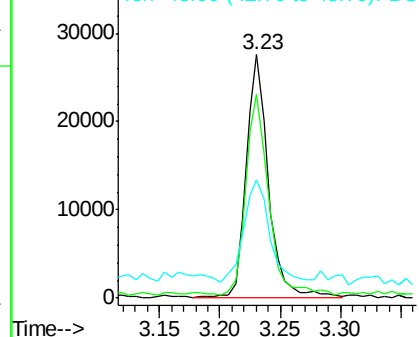
#2

1,4-Dioxane
Concen: 25.52 ng
RT: 3.23 min Scan# 92
Delta R.T. -0.00 min
Lab File: BG017061.D
Acq: 11 May 2015 19:46

Tgt Ion: 88 Resp: 35615
Ion Ratio Lower Upper
88 100
58 84.0 0.1 0.1#
43 47.4 1.3 1.9#



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





#3

Pyridine

Concen: 24.31 ng

RT: 3.62 min Scan# 159

Delta R.T. -0.01 min

Lab File: BG017061.D

Acq: 11 May 2015 19:46

Instrument :

BNA_G

ClientSampleId :

PS-30A(20-25)MSD

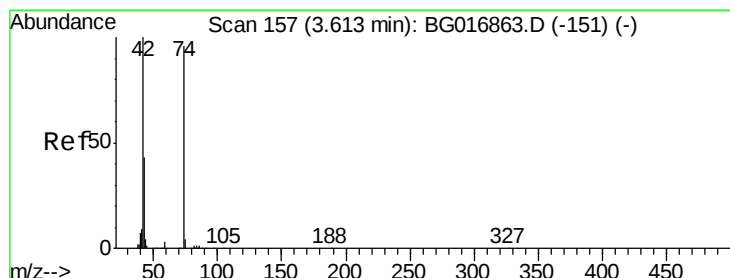
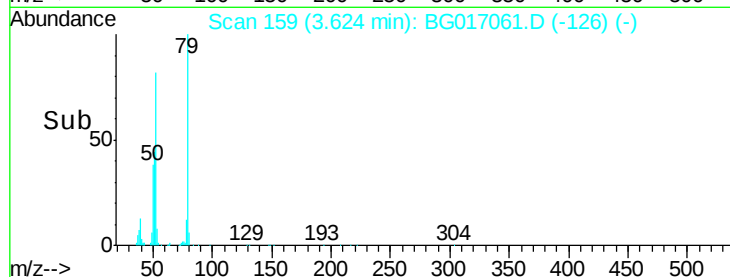
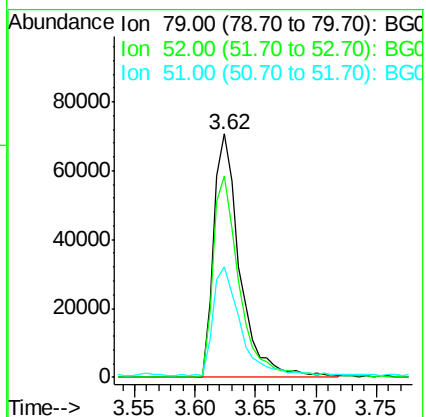
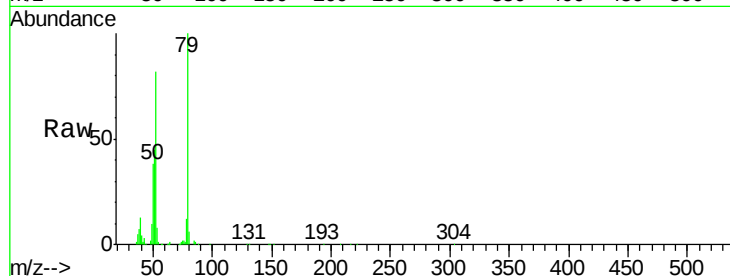
Tgt Ion: 79 Resp: 104878

Ion Ratio Lower Upper

79 100

52 82.5 68.5 102.7

51 45.4 37.8 56.8



#4

n-Nitrosodimethylamine

Concen: 31.14 ng

RT: 3.54 min Scan# 145

Delta R.T. -0.01 min

Lab File: BG017061.D

Acq: 11 May 2015 19:46

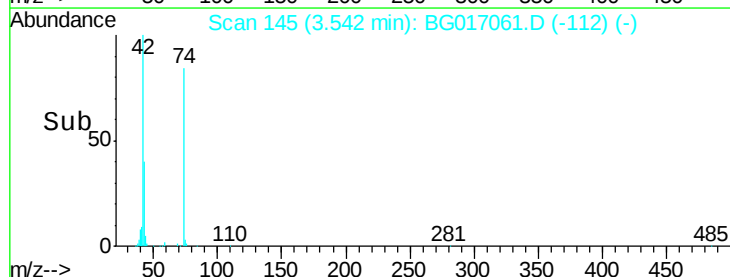
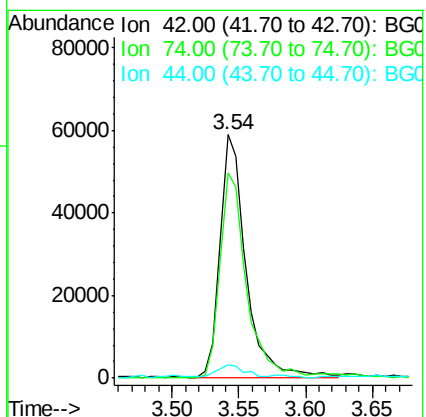
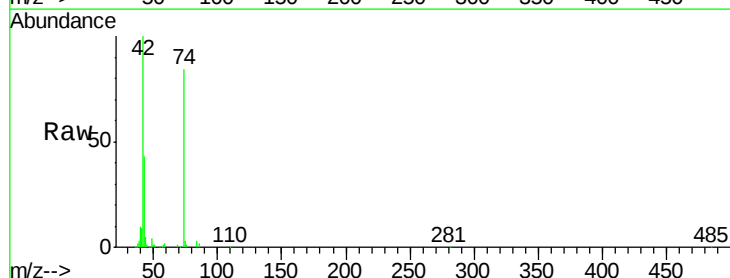
Tgt Ion: 42 Resp: 80205

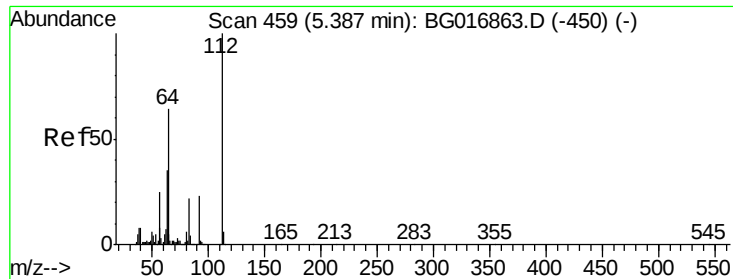
Ion Ratio Lower Upper

42 100

74 84.2 76.2 114.2

44 5.4 4.9 7.3





#5

2-Fluorophenol

Concen: 106.51 ng

RT: 5.35 min Scan# 452

Delta R.T. -0.00 min

Lab File: BG017061.D

Acq: 11 May 2015 19:46

Instrument :

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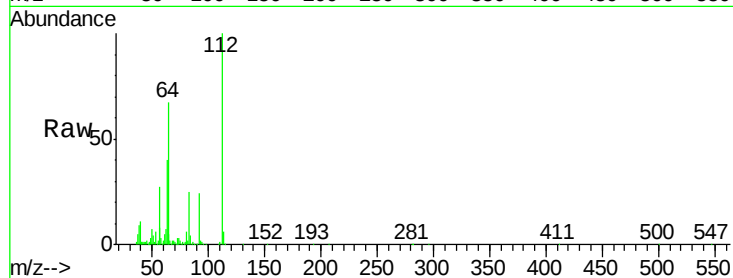
Tgt Ion: 112 Resp: 354718

Ion Ratio Lower Upper

112 100

64 67.0 51.4 77.2

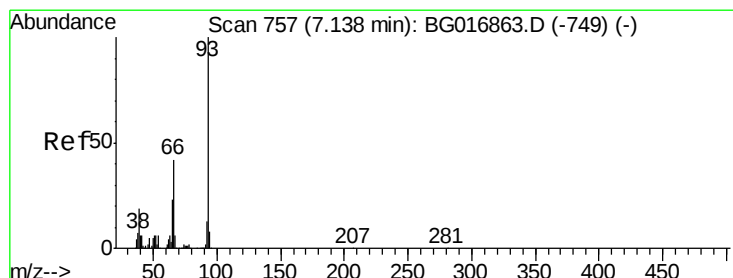
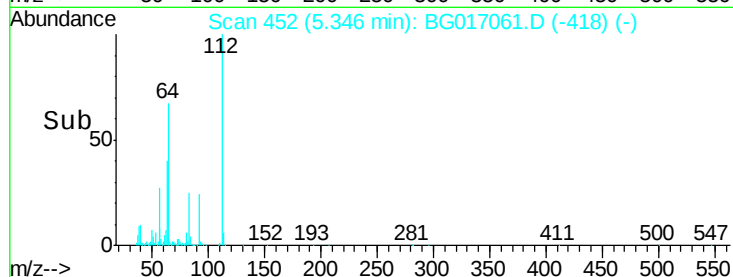
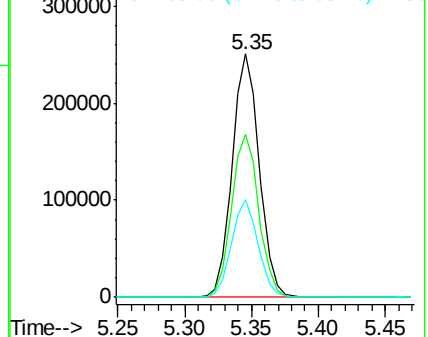
63 39.9 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 25.47 ng

RT: 7.08 min Scan# 748

Delta R.T. -0.00 min

Lab File: BG017061.D

Acq: 11 May 2015 19:46

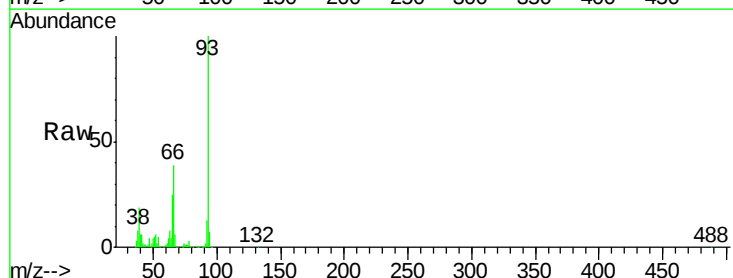
Tgt Ion: 93 Resp: 170180

Ion Ratio Lower Upper

93 100

66 39.2 33.8 50.6

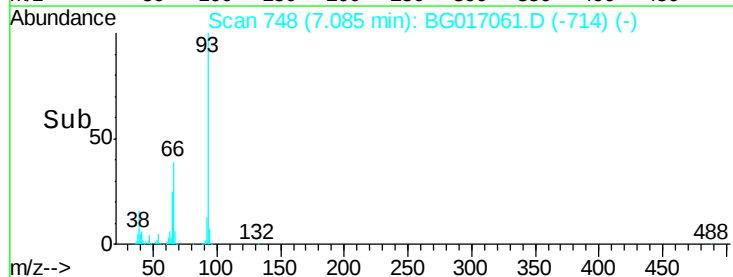
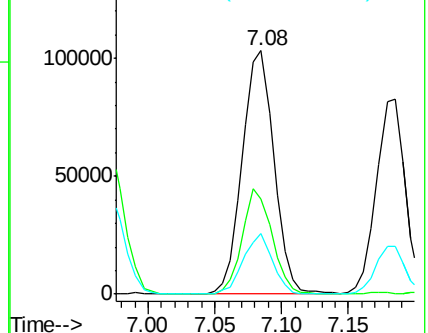
65 24.9 18.7 28.1

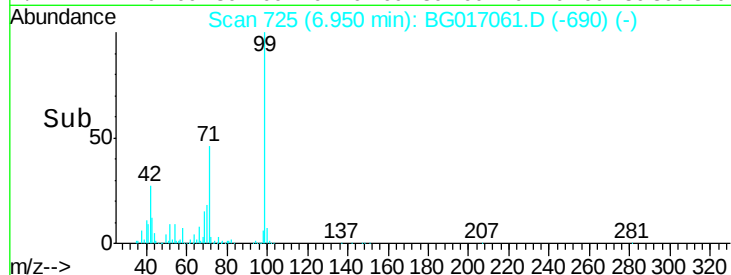
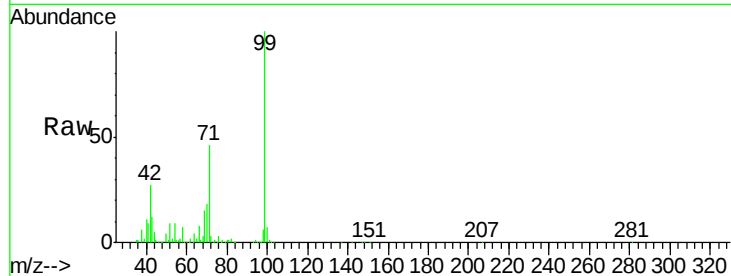


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 102.23 ng

RT: 6.95 min Scan# 725

Delta R.T. 0.00 min

Lab File: BG017061.D

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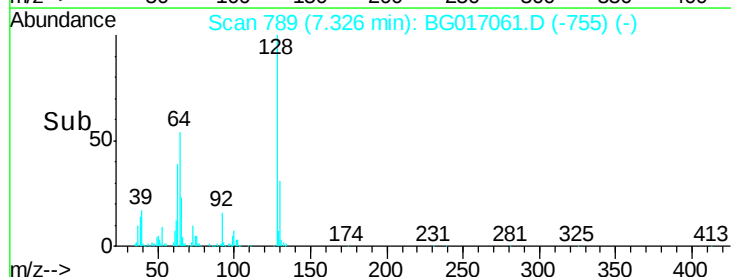
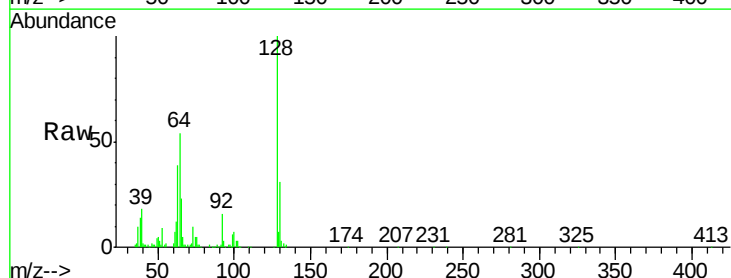
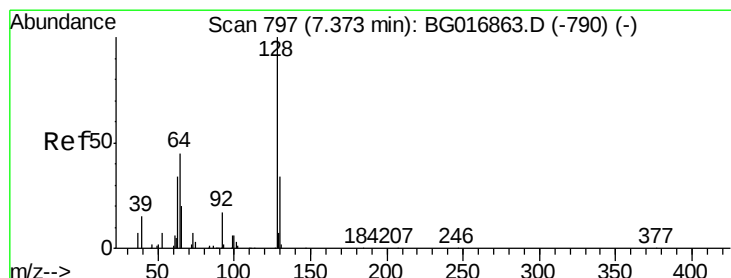
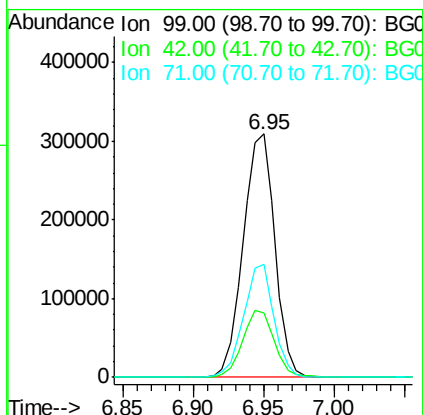
Tgt Ion: 99 Resp: 486412

Ion Ratio Lower Upper

99 100

42 26.7 22.1 33.1

71 46.4 33.4 50.0



#8

2-Chlorophenol

Concen: 33.48 ng

RT: 7.33 min Scan# 789

Delta R.T. -0.00 min

Lab File: BG017061.D

Acq: 11 May 2015 19:46

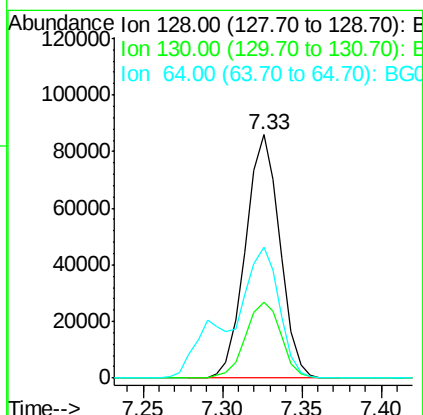
Tgt Ion: 128 Resp: 129172

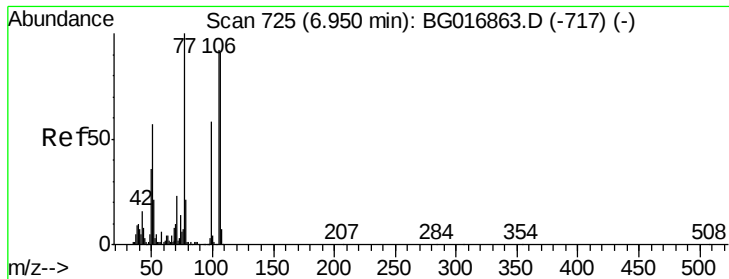
Ion Ratio Lower Upper

128 100

130 31.2 14.4 54.4

64 53.9 38.4 78.4





#9

Benzaldehyde

Concen: 19.42 ng

RT: 6.89 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG017061.D

Acq: 11 May 2015 19:46

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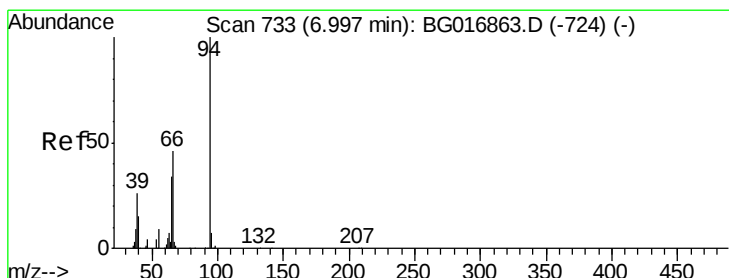
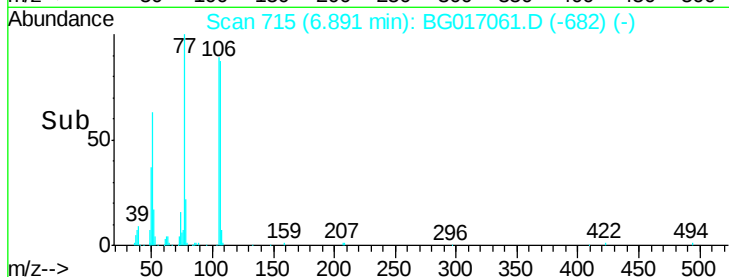
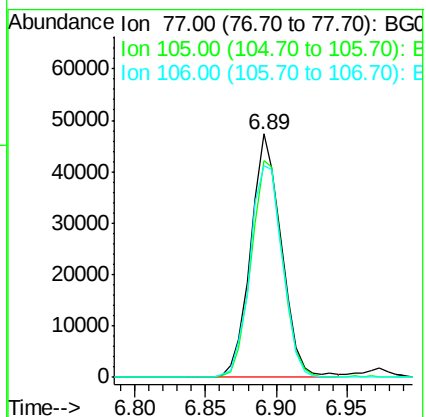
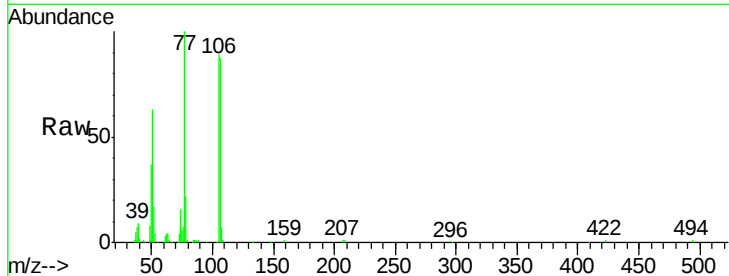
Tgt Ion: 77 Resp: 72711

Ion Ratio Lower Upper

77 100

105 88.9 71.6 111.6

106 87.1 71.5 111.5



#10

Phenol

Concen: 33.97 ng

RT: 6.97 min Scan# 729

Delta R.T. -0.00 min

Lab File: BG017061.D

Acq: 11 May 2015 19:46

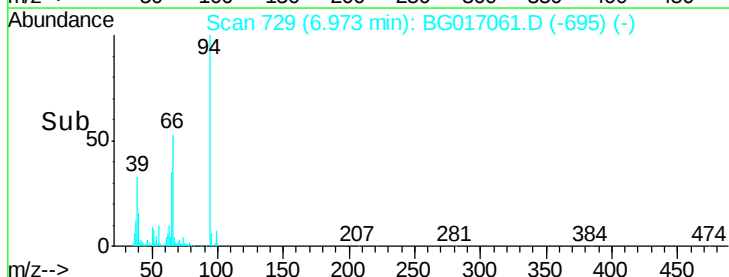
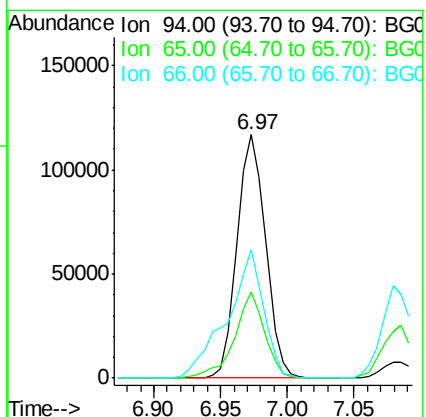
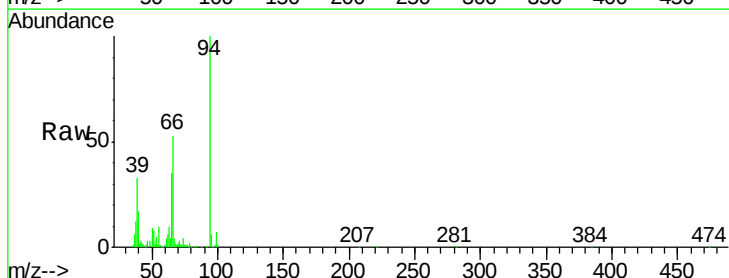
Tgt Ion: 94 Resp: 173344

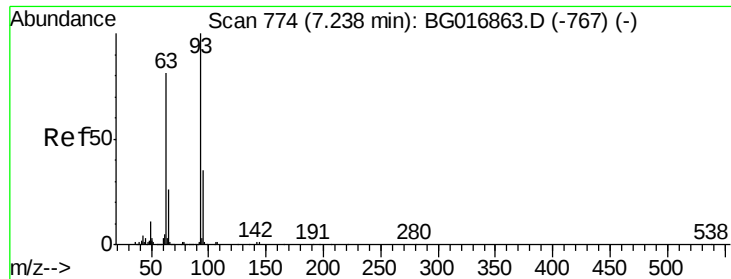
Ion Ratio Lower Upper

94 100

65 35.2 14.3 54.3

66 52.6 26.9 66.9

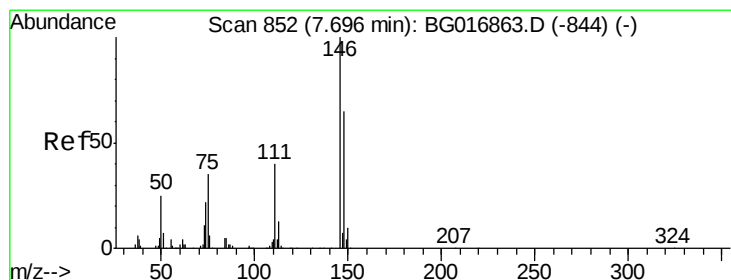
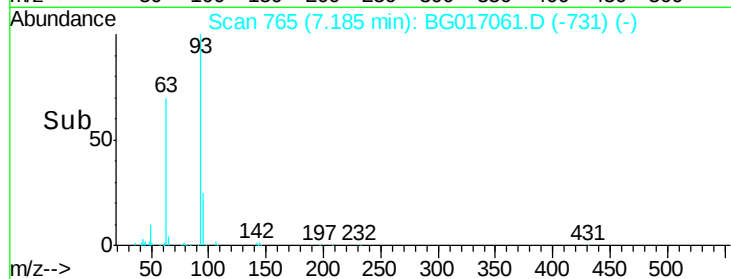
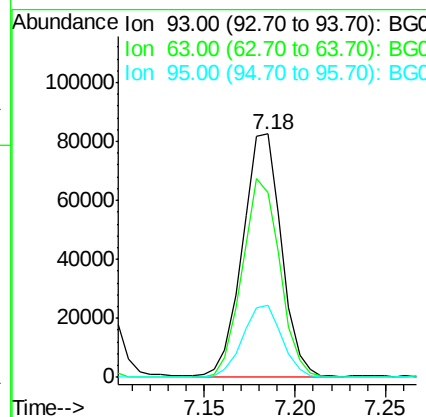
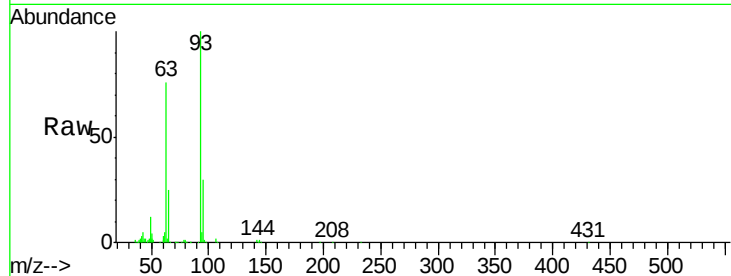




#11
 bis(2-Chloroethyl)ether
 Concen: 31.11 ng
 RT: 7.18 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BG017061.D
 Acq: 11 May 2015 19:46

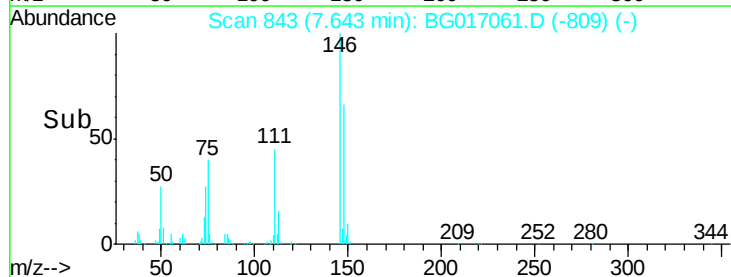
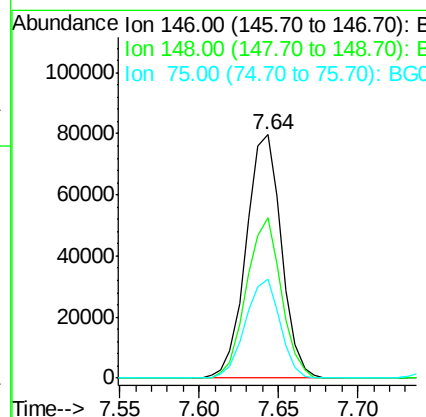
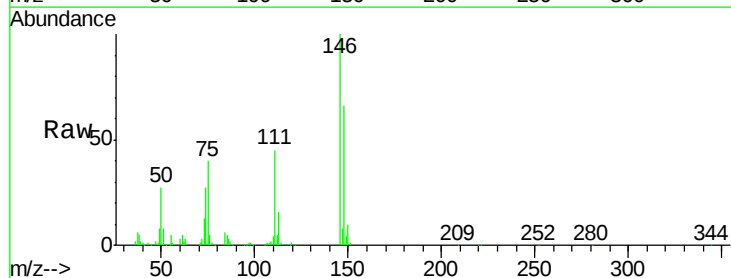
Instrument :
 BNA_G
 ClientSampleId :
 PS-30A(20-25)MSD

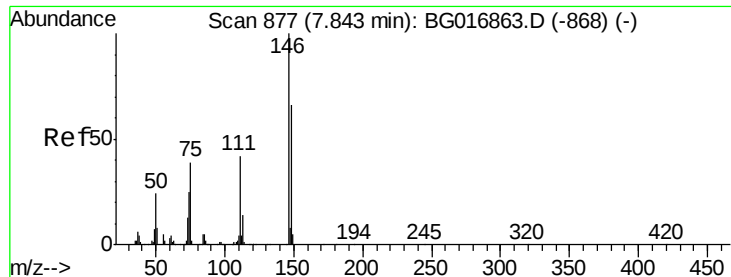
Tgt Ion	Ratio	Lower	Upper
93	100		
63	76.1	61.2	101.2
95	29.6	15.0	55.0



#12
 1,3-Dichlorobenzene
 Concen: 28.89 ng
 RT: 7.64 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BG017061.D
 Acq: 11 May 2015 19:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.9	77.9
75	40.4	28.2	42.2





#13

1,4-Dichlorobenzene

Concen: 29.71 ng

RT: 7.79 min Scan# 868

Delta R.T. -0.00 min

Lab File: BG017061.D

Acq: 11 May 2015 19:46

Instrument :

BNA_G

ClientSampleId :

PS-30A(20-25)MSD

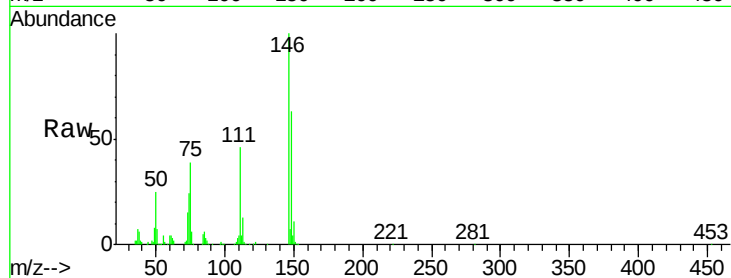
Tgt Ion:146 Resp: 128039

Ion Ratio Lower Upper

146 100

148 63.5 52.8 79.2

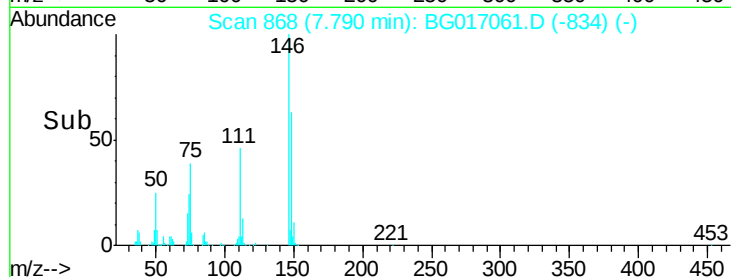
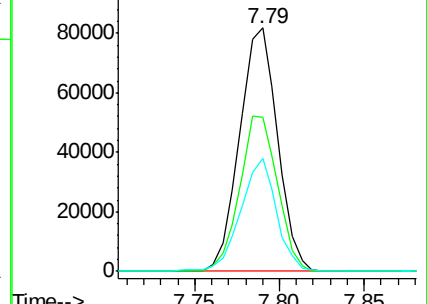
111 46.3 33.9 50.9



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 29.79 ng

RT: 8.10 min Scan# 921

Delta R.T. -0.01 min

Lab File: BG017061.D

Acq: 11 May 2015 19:46

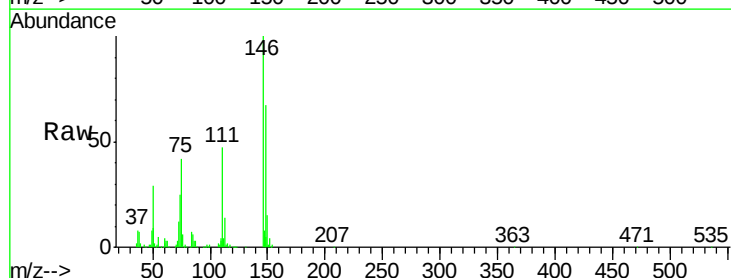
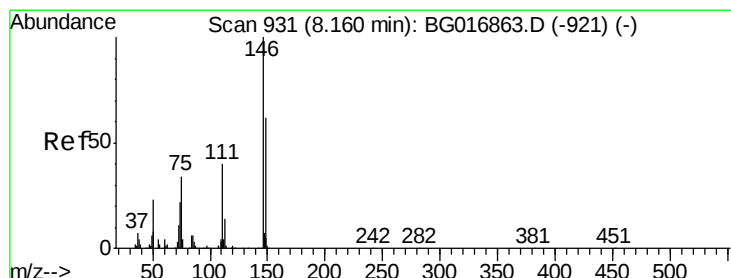
Tgt Ion:146 Resp: 123191

Ion Ratio Lower Upper

146 100

148 66.6 49.9 74.9

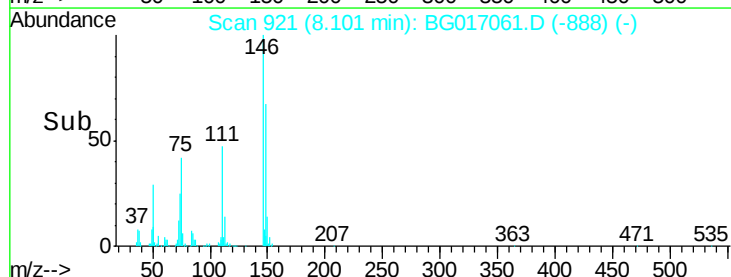
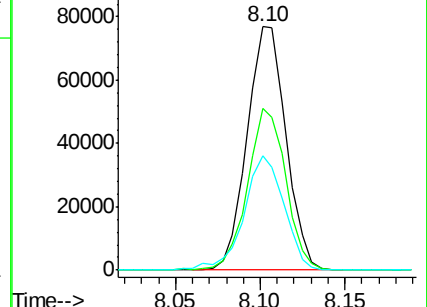
111 47.2 32.1 48.1

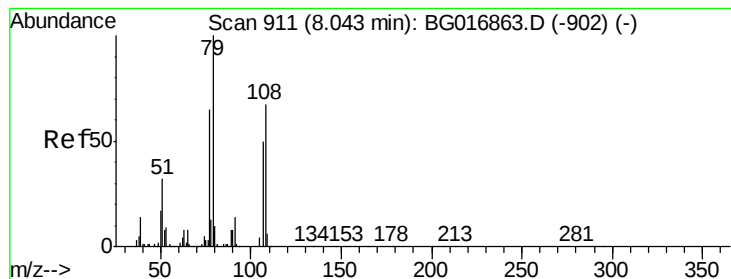


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 31.51 ng

RT: 8.00 min Scan# 903

Delta R.T. -0.00 min

Lab File: BG017061.D

Acq: 11 May 2015 19:46

Instrument :

BNA_G

ClientSampleId :

PS-30A(20-25)MSD

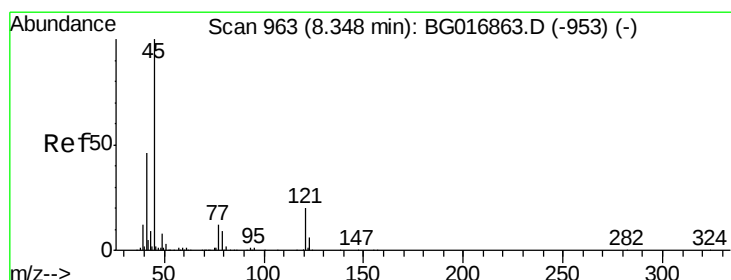
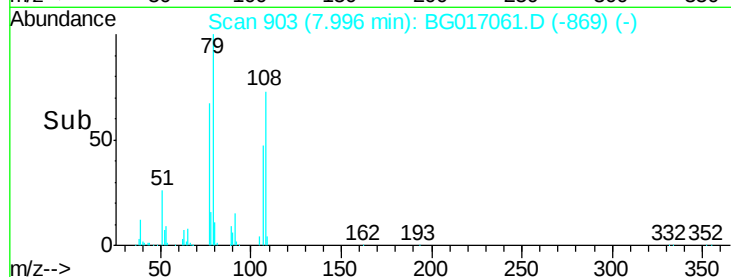
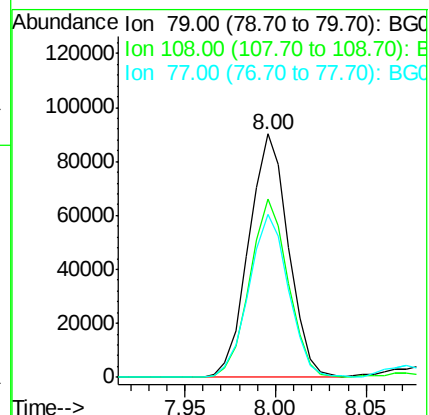
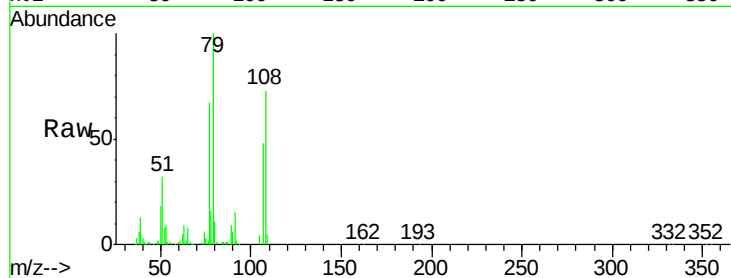
Tgt Ion: 79 Resp: 136944

Ion Ratio Lower Upper

79 100

108 73.4 53.4 80.2

77 67.0 52.2 78.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 27.49 ng

RT: 8.29 min Scan# 953

Delta R.T. -0.01 min

Lab File: BG017061.D

Acq: 11 May 2015 19:46

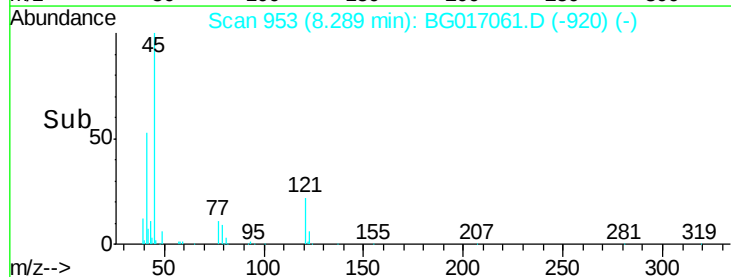
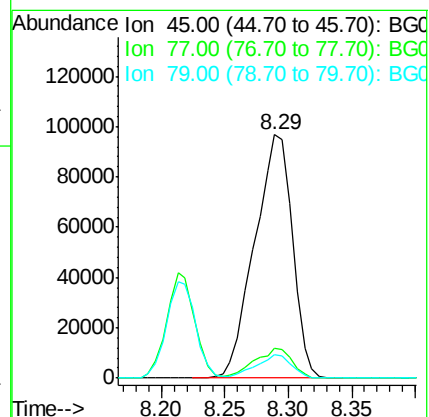
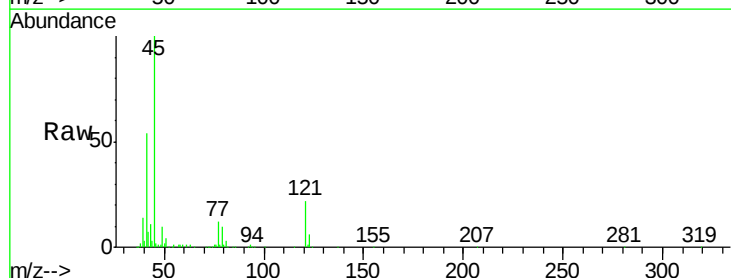
Tgt Ion: 45 Resp: 200736

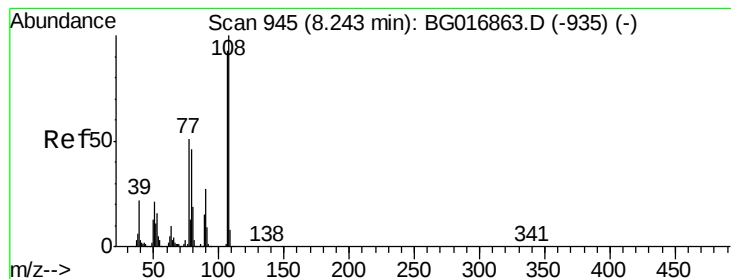
Ion Ratio Lower Upper

45 100

77 12.2 0.0 31.8

79 9.9 0.0 29.1





#17

2-Methylphenol

Concen: 31.85 ng

RT: 8.22 min Scan# 941

Delta R.T. -0.00 min

Lab File: BG017061.D

Acq: 11 May 2015 19:46

Instrument :

BNA_G

ClientSampleId :

PS-30A(20-25)MSD

Tgt Ion:107 Resp: 114452

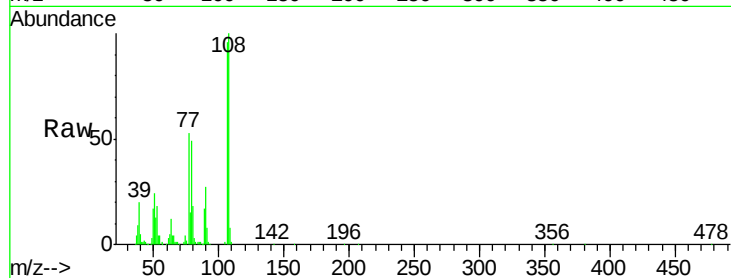
Ion Ratio Lower Upper

107 100

108 104.1 85.9 128.9

77 54.9 43.8 65.6

79 51.0 39.8 59.6

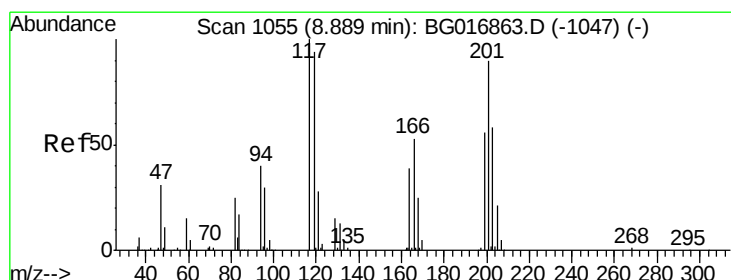
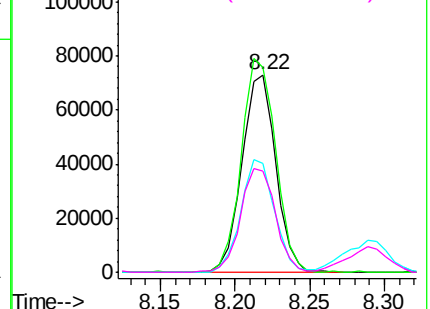
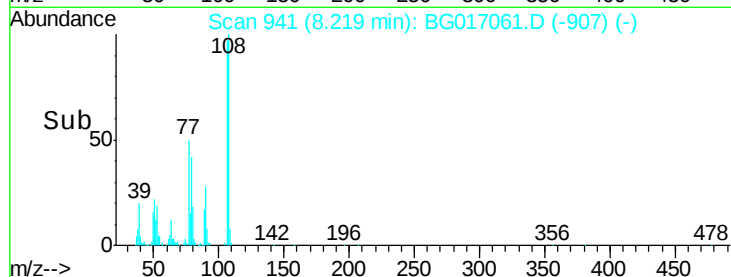


Abundance Ion 107.00 (106.70 to 107.70): E

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: 29.68 ng

RT: 8.83 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BG017061.D

Acq: 11 May 2015 19:46

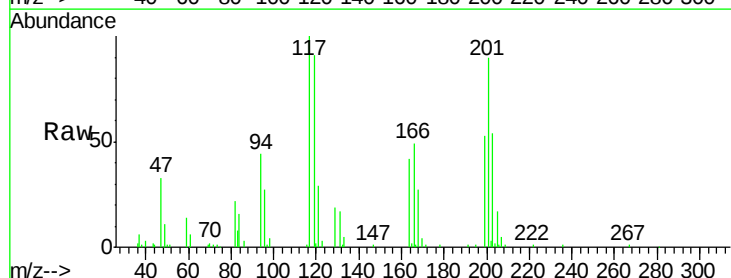
Tgt Ion:117 Resp: 52571

Ion Ratio Lower Upper

117 100

119 91.1 74.8 112.2

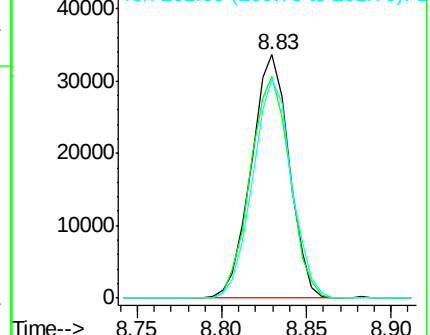
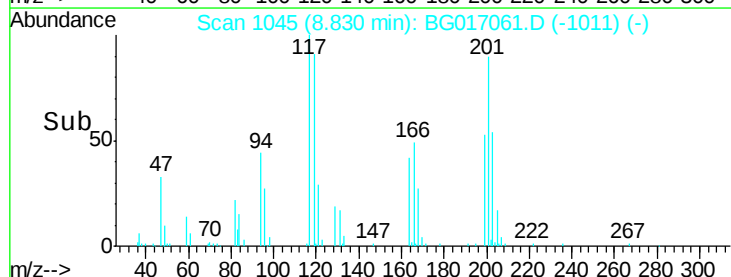
201 90.3 72.1 108.1

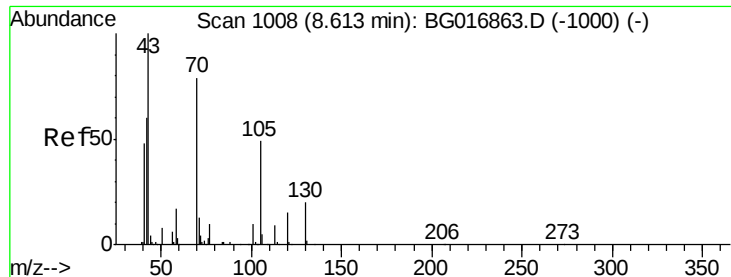


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

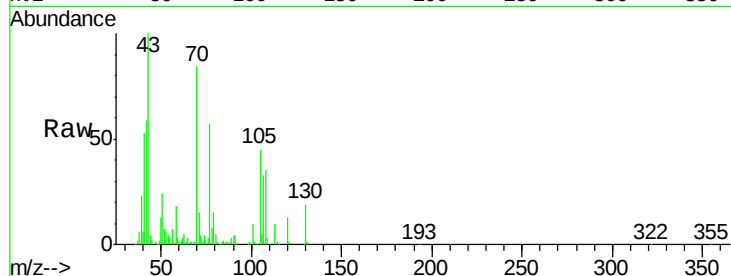




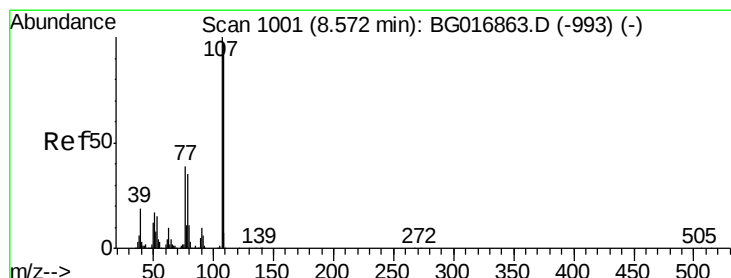
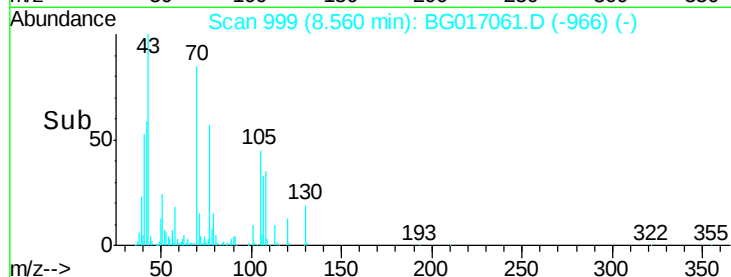
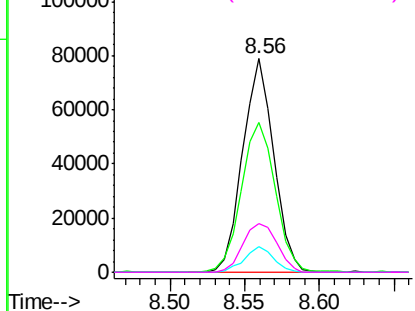
#19
n-Nitroso-di-n-propylamine
Concen: 27.27 ng
RT: 8.56 min Scan# 999
Delta R.T. -0.01 min
Lab File: BG017061.D
Acq: 11 May 2015 19:46

Instrument :
BNA_G
ClientSampleId :
PS-30A(20-25)MSD

Tgt Ion: 70 Resp: 113795
Ion Ratio Lower Upper
70 100
42 70.0 61.5 92.3
101 12.1 9.8 14.6
130 22.9 20.2 30.4

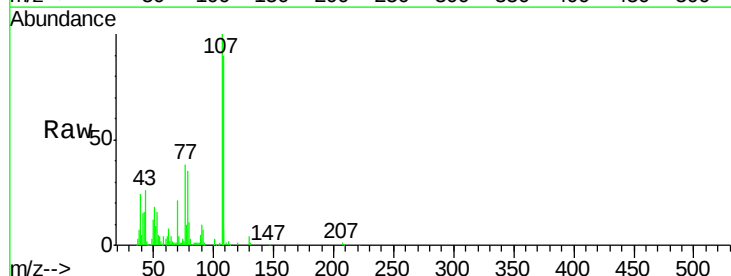


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

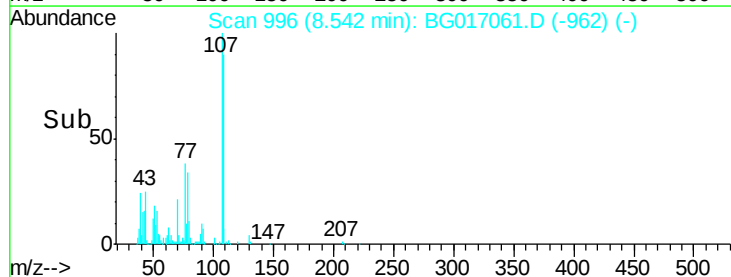
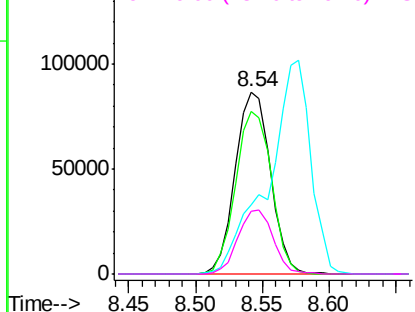


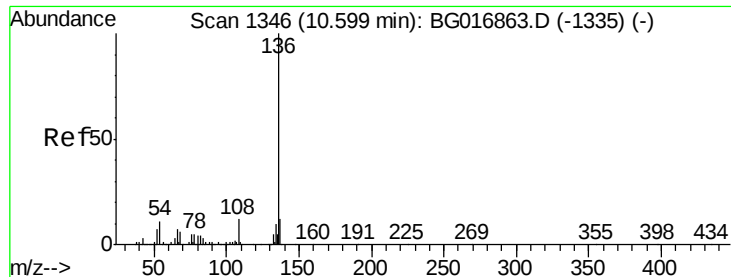
#20
3+4-Methylphenols
Concen: 32.06 ng
RT: 8.54 min Scan# 996
Delta R.T. -0.00 min
Lab File: BG017061.D
Acq: 11 May 2015 19:46

Tgt Ion: 107 Resp: 158760
Ion Ratio Lower Upper
107 100
108 89.5 76.6 116.6
77 38.2 19.0 59.0
79 34.7 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: 10.55 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BG017061.D

Acq: 11 May 2015 19:46

Instrument :

BNA_G

ClientSampleId :

PS-30A(20-25)MSD

Tgt Ion:136 Resp: 246882

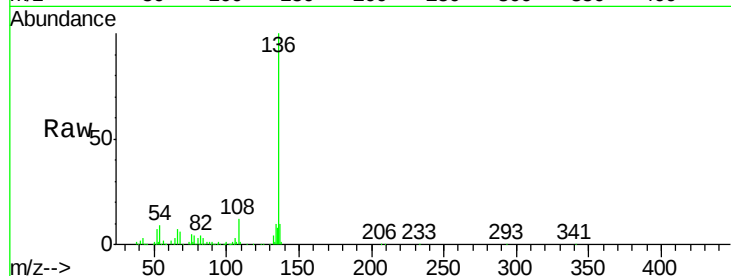
Ion Ratio Lower Upper

136 100

137 10.4 9.8 14.8

54 9.2 8.7 13.1

68 6.0 5.0 7.4

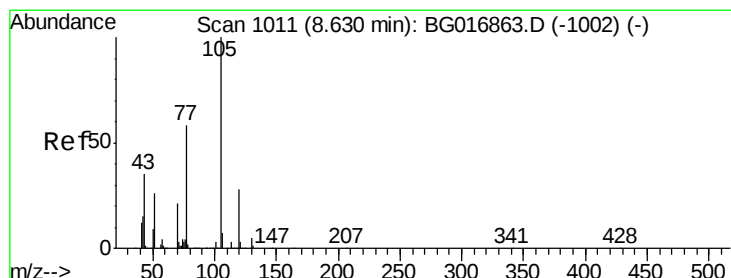
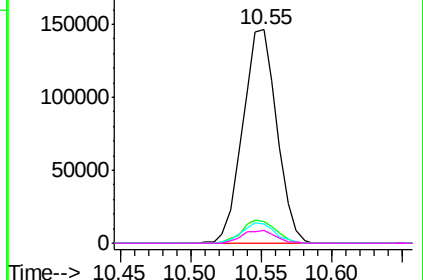
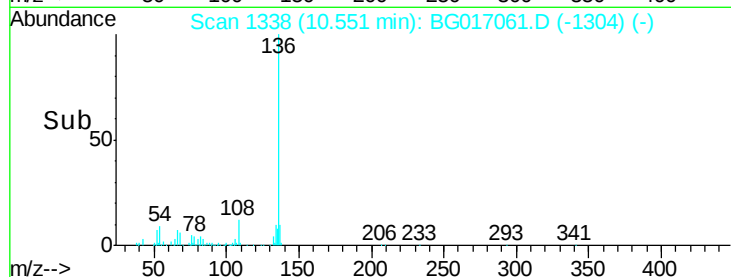


Abundance Ion 136.00 (135.70 to 136.70): E

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: 33.05 ng

RT: 8.58 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BG017061.D

Acq: 11 May 2015 19:46

Tgt Ion:105 Resp: 194350

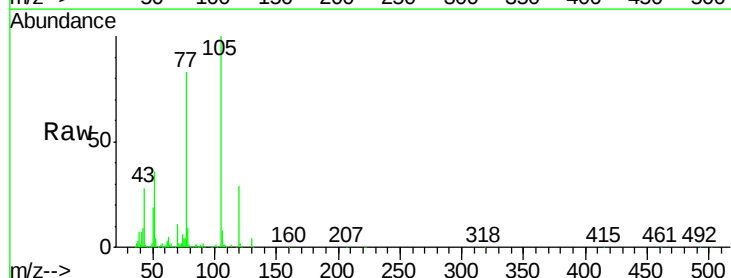
Ion Ratio Lower Upper

105 100

71 1.6 2.8 4.2#

51 35.8 29.4 44.2

120 28.5 22.2 33.4

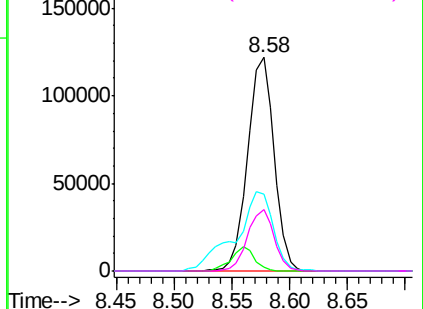
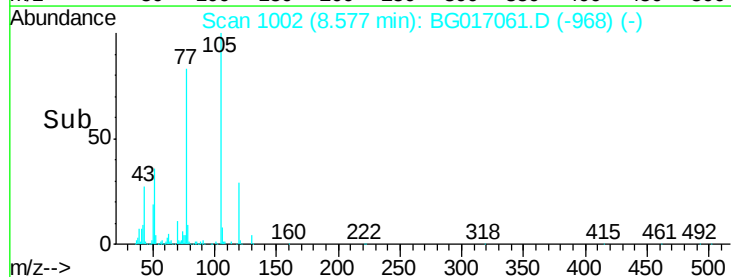


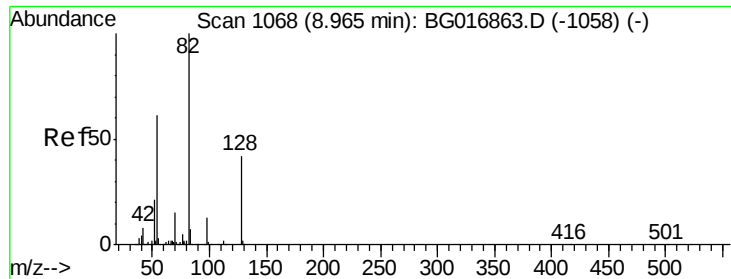
Abundance Ion 105.00 (104.70 to 105.70): E

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

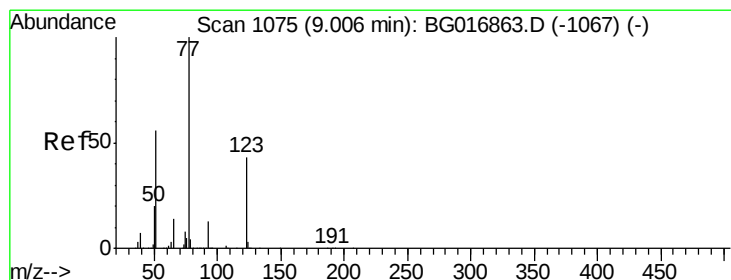
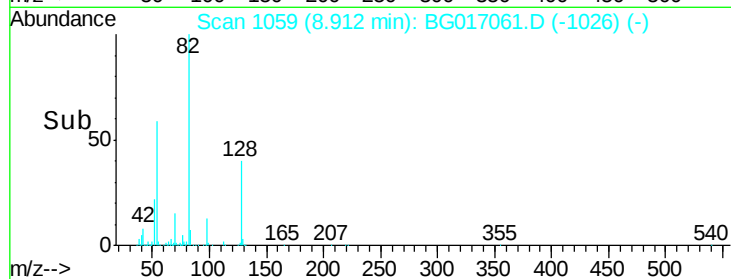
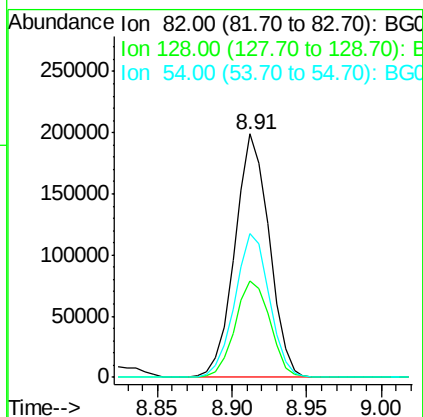
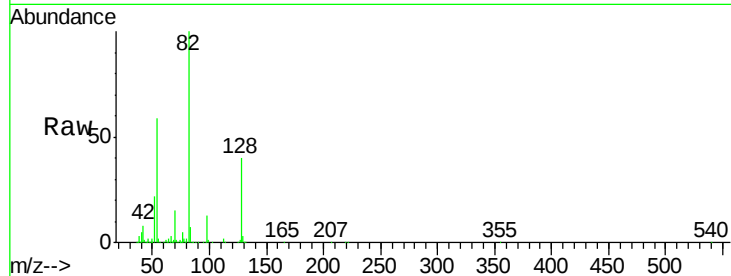




#23
 Nitrobenzene-d5
 Concen: 62.95 ng
 RT: 8.91 min Scan# 1059
 Delta R.T. -0.01 min
 Lab File: BG017061.D
 Acq: 11 May 2015 19:46

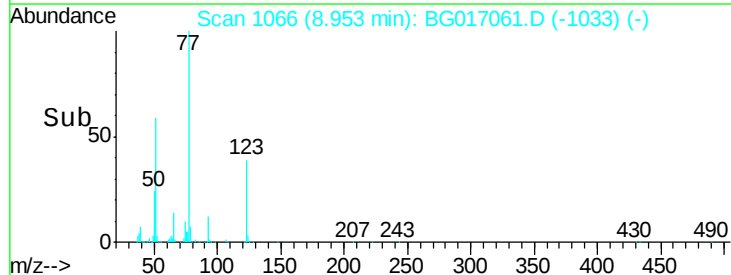
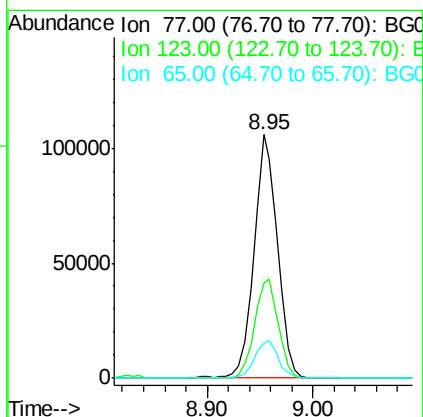
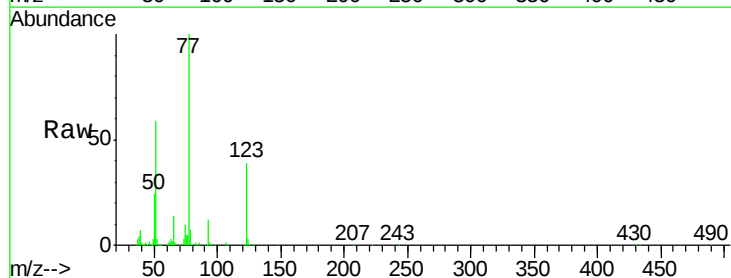
Instrument :
 BNA_G
 ClientSampleId :
 PS-30A(20-25)MSD

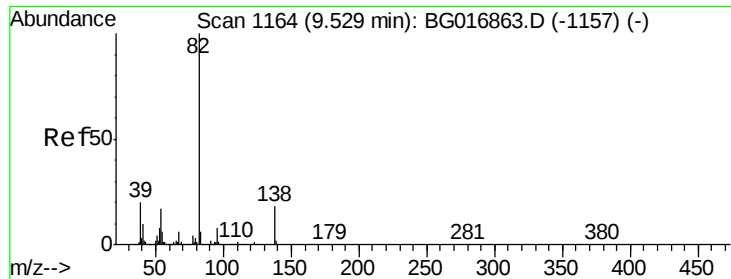
Tgt Ion: 82 Resp: 318108
 Ion Ratio Lower Upper
 82 100
 128 39.9 33.2 49.8
 54 59.3 48.6 72.8



#24
 Nitrobenzene
 Concen: 32.12 ng
 RT: 8.95 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BG017061.D
 Acq: 11 May 2015 19:46

Tgt Ion: 77 Resp: 163934
 Ion Ratio Lower Upper
 77 100
 123 39.1 34.0 51.0
 65 14.4 11.2 16.8

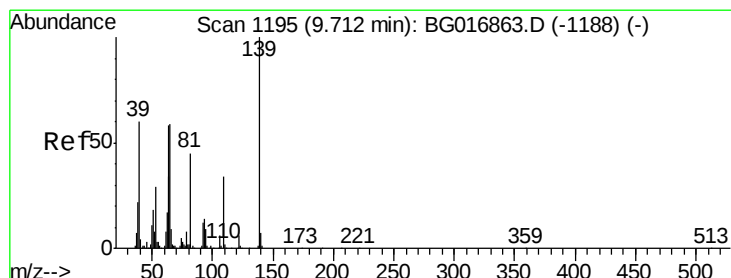
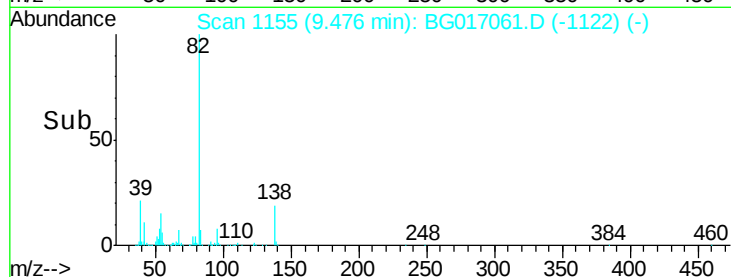
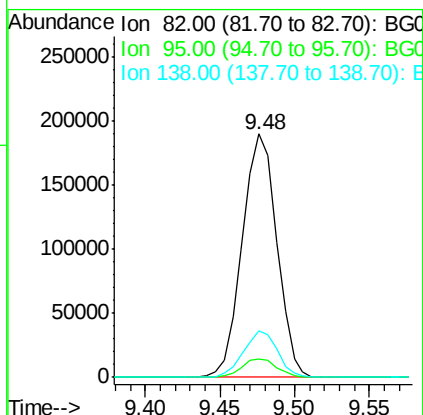
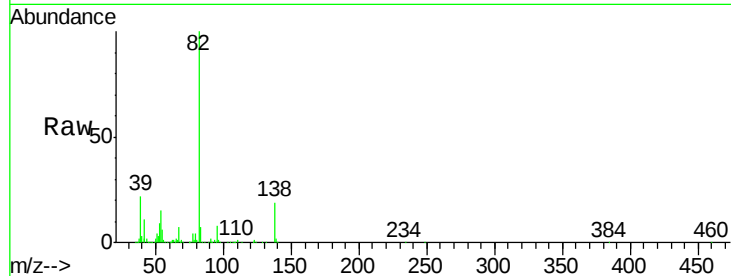




#25
Isophorone
Concen: 29.80 ng
RT: 9.48 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BG017061.D
Acq: 11 May 2015 19:46

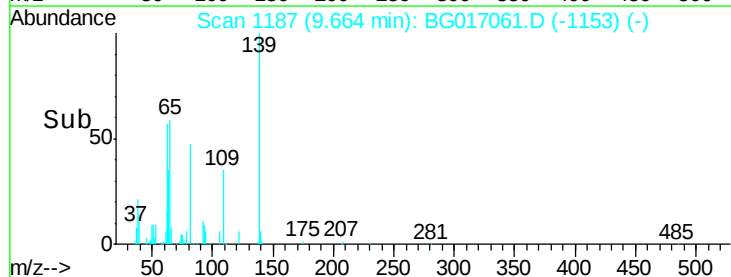
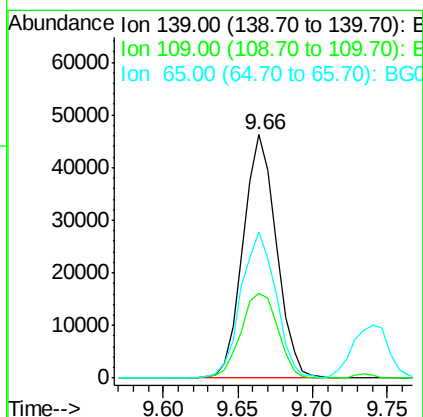
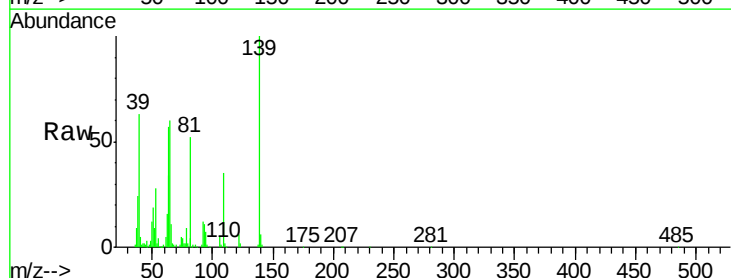
Instrument :
BNA_G
ClientSampleId :
PS-30A(20-25)MSD

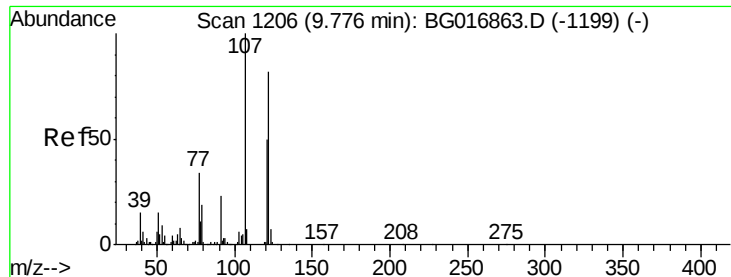
Tgt Ion: 82 Resp: 304091
Ion Ratio Lower Upper
82 100
95 7.7 6.7 10.1
138 19.0 14.7 22.1



#26
2-Nitrophenol
Concen: 34.38 ng
RT: 9.66 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BG017061.D
Acq: 11 May 2015 19:46

Tgt Ion: 139 Resp: 71441
Ion Ratio Lower Upper
139 100
109 34.7 27.4 41.2
65 60.2 47.1 70.7

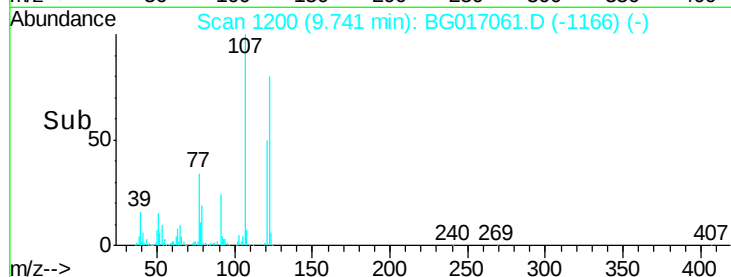
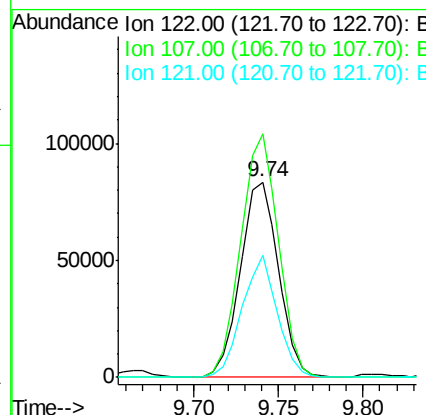
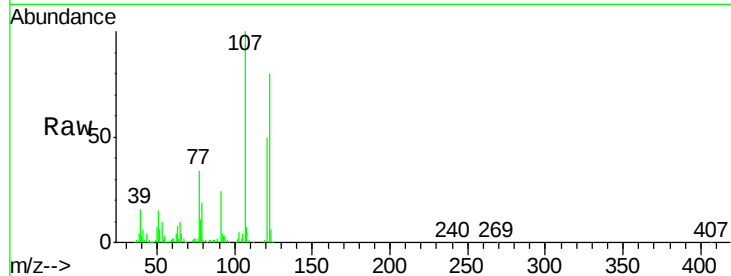




#27
 2,4-Dimethylphenol
 Concen: 34.92 ng
 RT: 9.74 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BG017061.D
 Acq: 11 May 2015 19:46

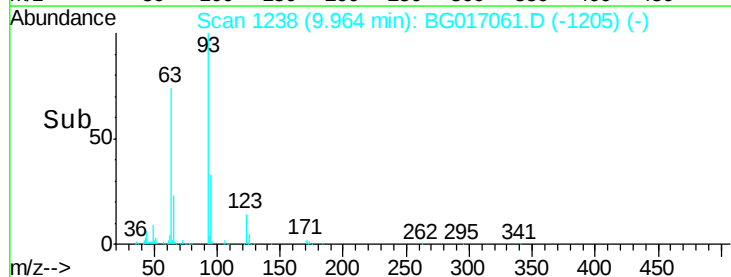
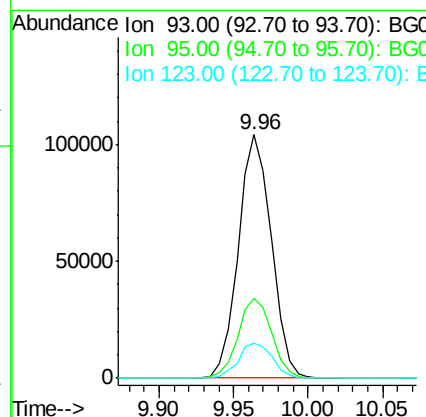
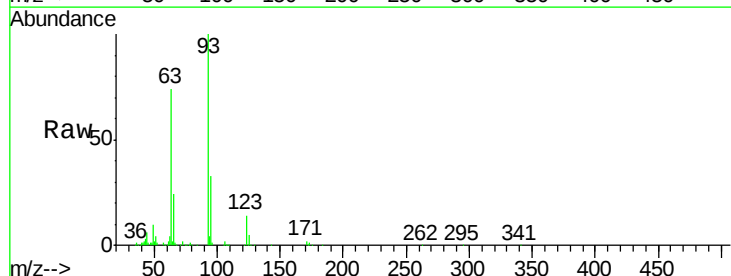
Instrument :
 BNA_G
 ClientSampleId :
 PS-30A(20-25)MSD

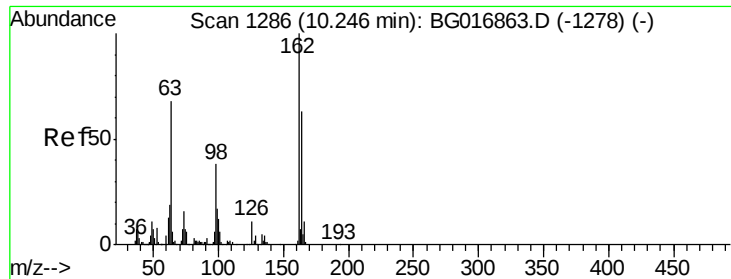
Tgt Ion	Ratio	Lower	Upper
122	100		
107	124.6	97.6	146.4
121	62.7	48.4	72.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 31.06 ng
 RT: 9.96 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BG017061.D
 Acq: 11 May 2015 19:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	24.8	37.2
123	14.4	12.6	19.0

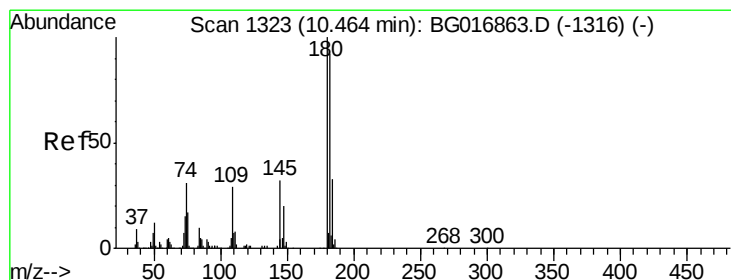
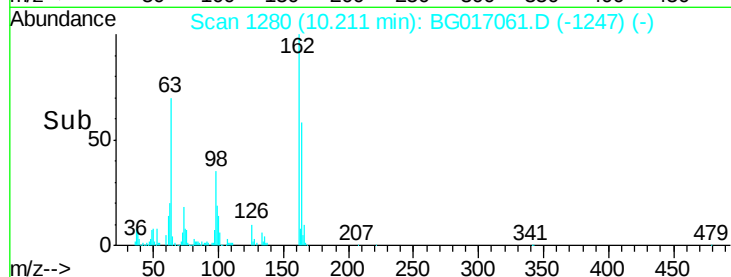
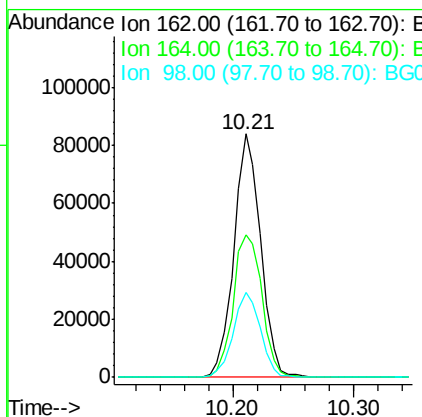
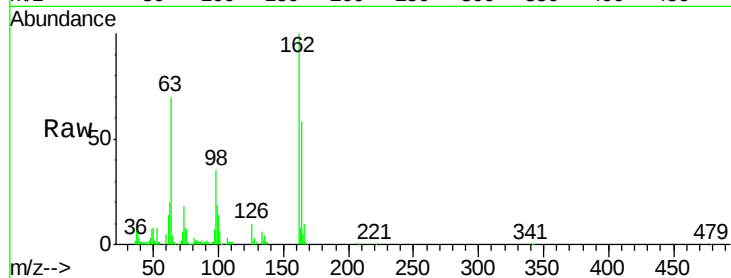




#29
2,4-Dichlorophenol
Concen: 36.59 ng
RT: 10.21 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BG017061.D
Acq: 11 May 2015 19:46

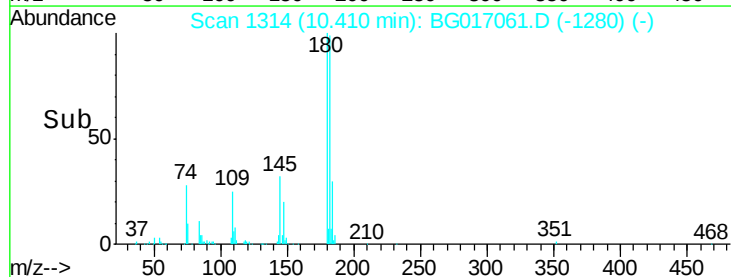
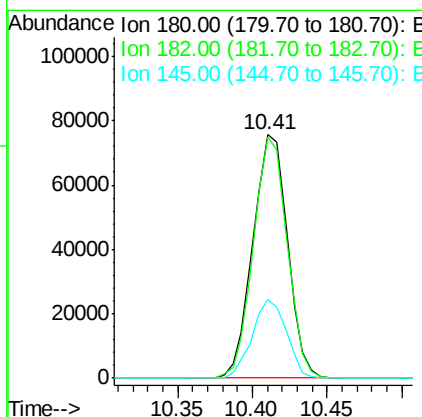
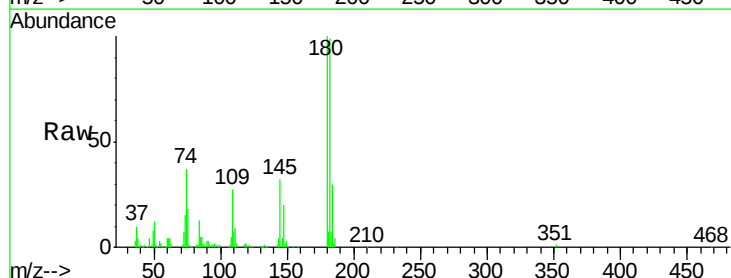
Instrument :
BNA_G
ClientSampleId :
PS-30A(20-25)MSD

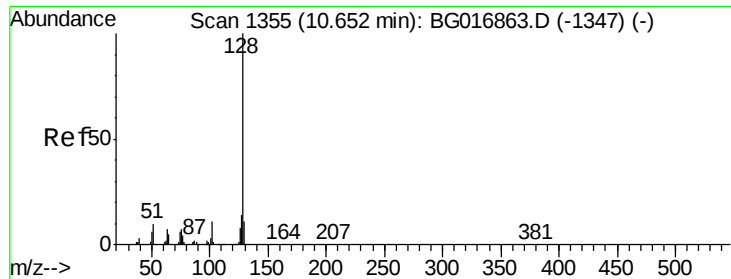
Tgt Ion	Ratio	Lower	Upper
162	100		
164	58.4	42.9	82.9
98	34.9	18.4	58.4



#30
1,2,4-Trichlorobenzene
Concen: 32.11 ng
RT: 10.41 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BG017061.D
Acq: 11 May 2015 19:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.9	73.8	110.8
145	32.1	25.4	38.0

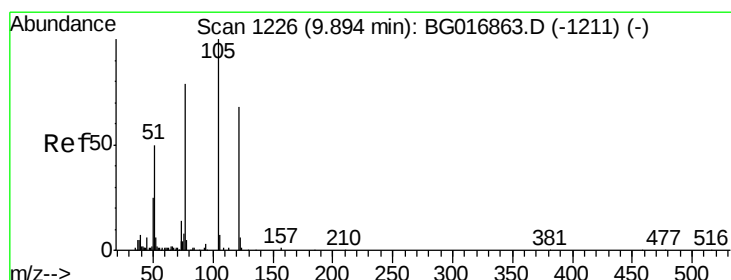
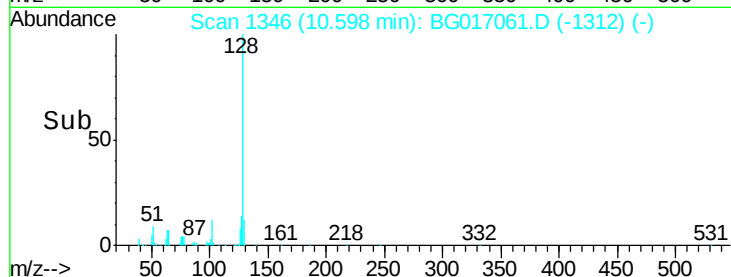
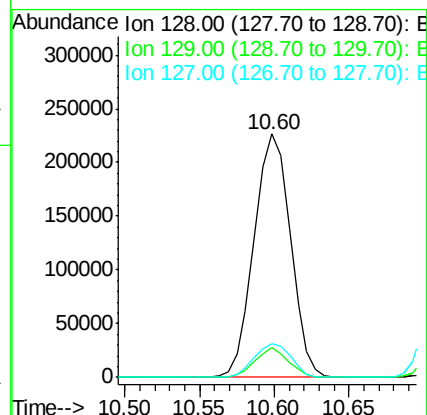
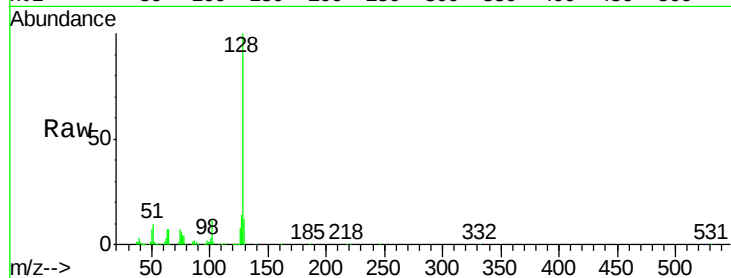




#31
Naphthalene
Concen: 31.16 ng
RT: 10.60 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG017061.D
Acq: 11 May 2015 19:46

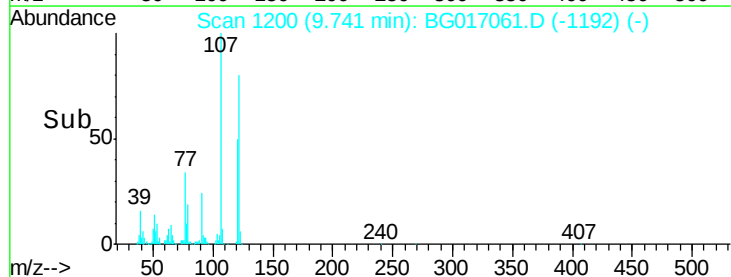
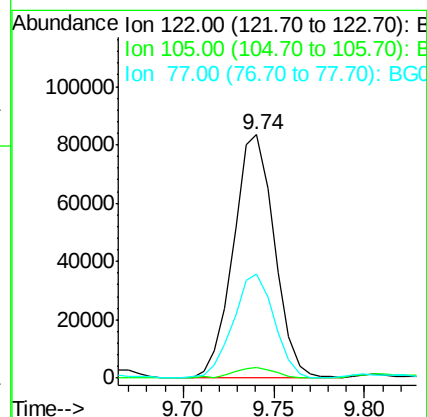
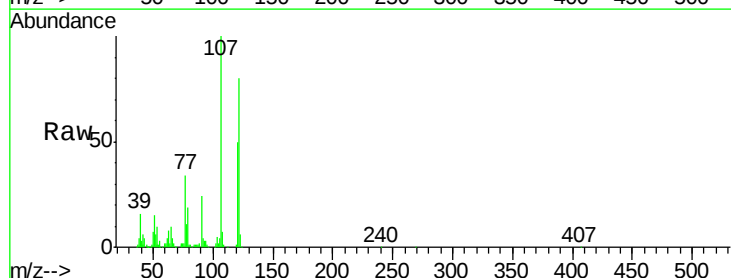
Instrument :
BNA_G
ClientSampleId :
PS-30A(20-25)MSD

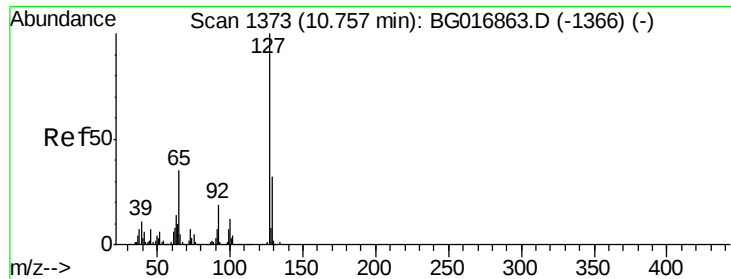
Tgt Ion:128 Resp: 382638
Ion Ratio Lower Upper
128 100
129 12.1 9.1 13.7
127 13.6 10.9 16.3



#32
Benzoic acid
Concen: 54.72 ng
RT: 9.74 min Scan# 1200
Delta R.T. -0.15 min
Lab File: BG017061.D
Acq: 11 May 2015 19:46

Tgt Ion:122 Resp: 130293
Ion Ratio Lower Upper
122 100
105 4.6 123.2 163.2#
77 42.5 93.0 133.0#

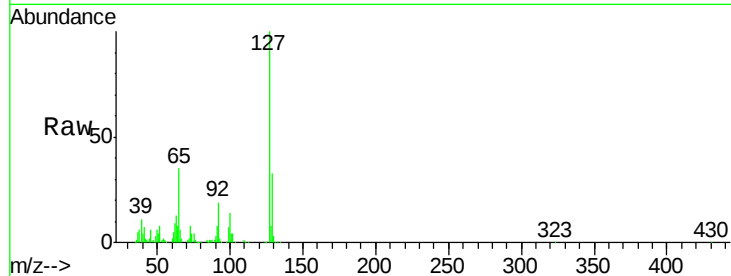




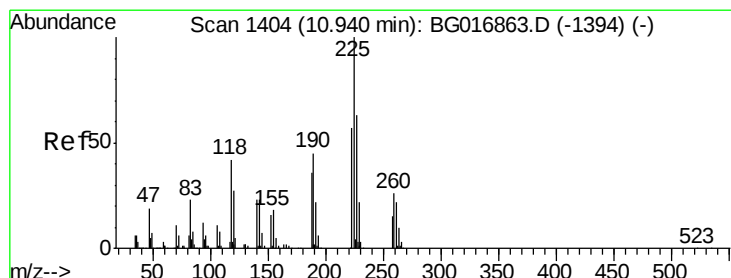
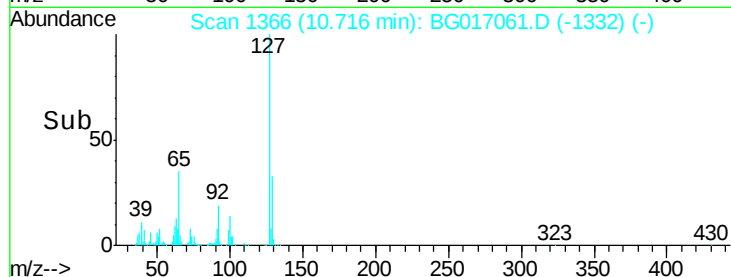
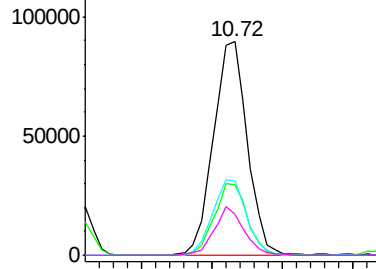
#33
4-Chloroaniline
Concen: 26.53 ng
RT: 10.72 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BG017061.D
Acq: 11 May 2015 19:46

Instrument :
BNA_G
ClientSampleId :
PS-30A(20-25)MSD

Tgt Ion:	127	Resp:	150426
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.8	38.6
65	35.0	28.2	42.2
92	19.3	15.6	23.4

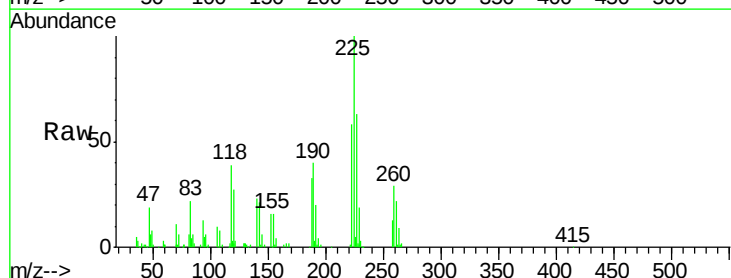


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

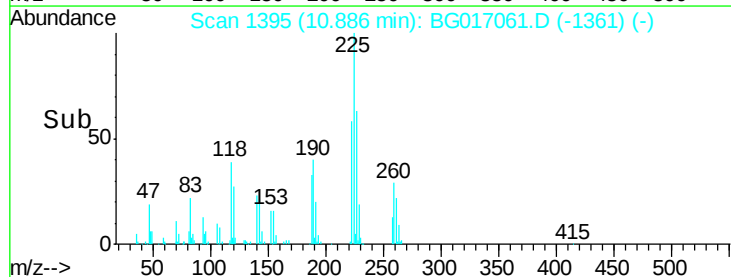
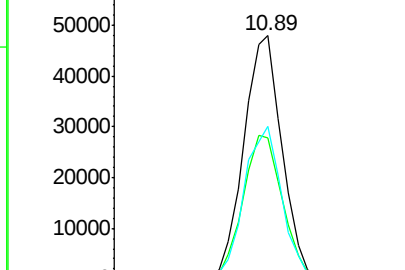


#34
Hexachlorobutadiene
Concen: 31.98 ng
RT: 10.89 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BG017061.D
Acq: 11 May 2015 19:46

Tgt Ion:	225	Resp:	75410
Ion	Ratio	Lower	Upper
225	100		
223	58.2	45.8	68.6
227	65.0	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: 30.46 ng

RT: 11.48 min Scan# 1496

Delta R.T. -0.02 min

Lab File: BG017061.D

Acq: 11 May 2015 19:46

Instrument :

BNA_G

ClientSampleId :

PS-30A(20-25)MSD

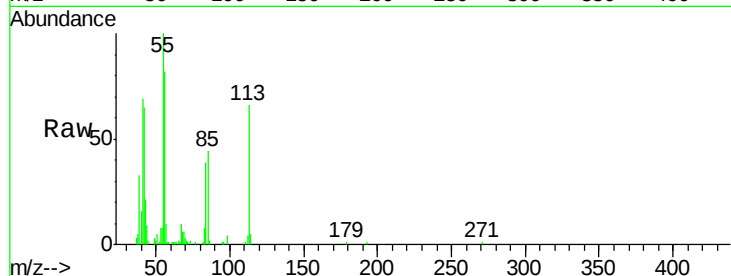
Tgt Ion:113 Resp: 56221

Ion Ratio Lower Upper

113 100

55 151.5 137.1 177.1

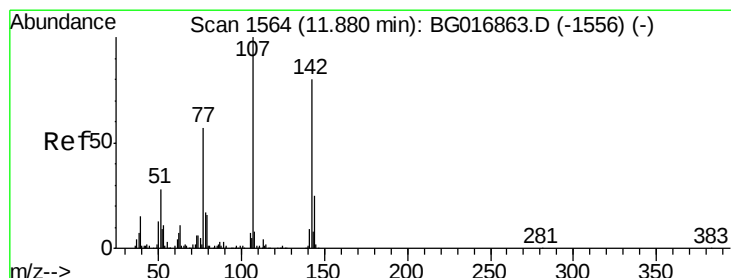
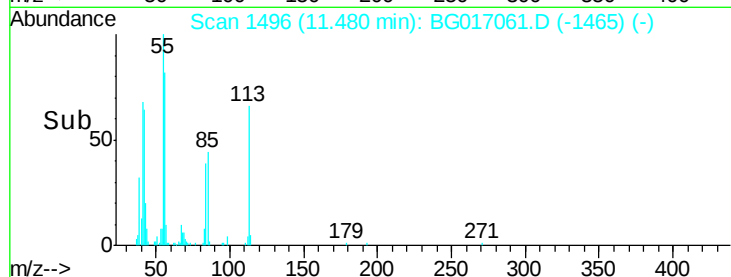
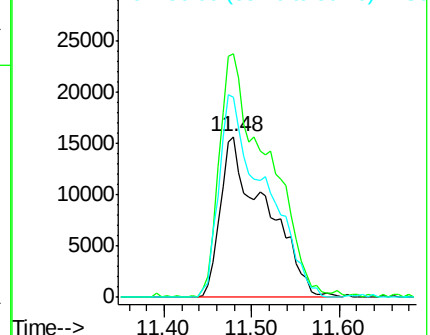
56 124.8 94.3 134.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 35.22 ng

RT: 11.86 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BG017061.D

Acq: 11 May 2015 19:46

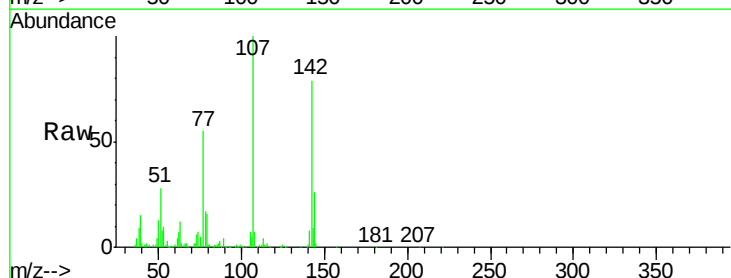
Tgt Ion:107 Resp: 160241

Ion Ratio Lower Upper

107 100

144 25.8 20.2 30.2

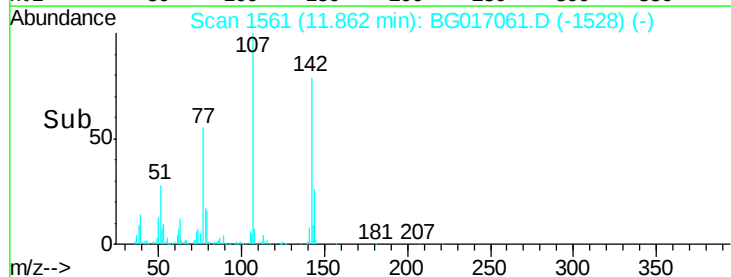
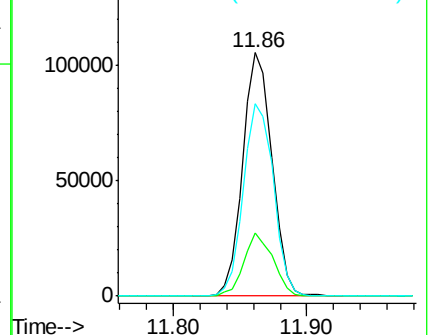
142 79.3 64.2 96.2



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

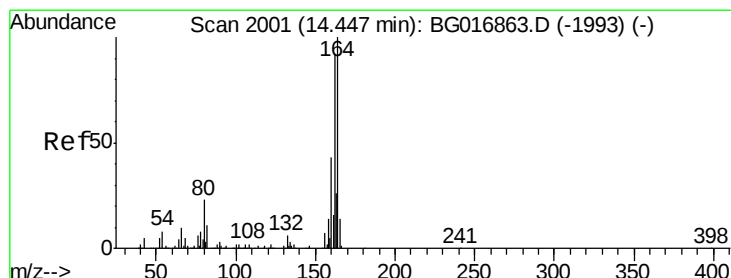
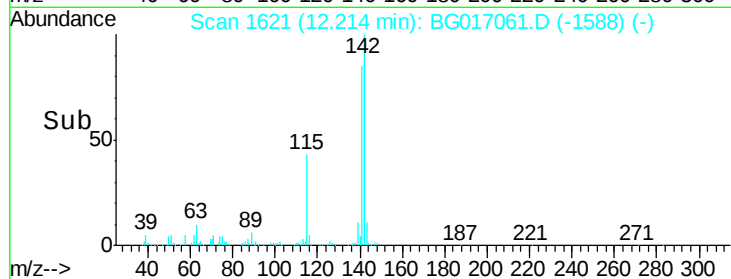
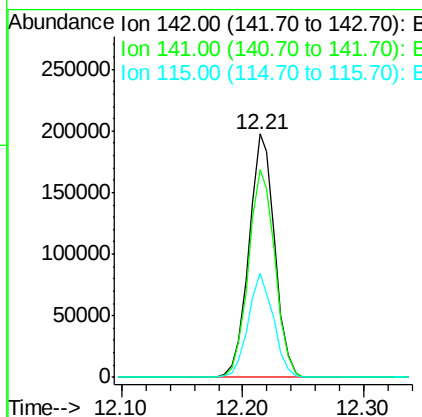
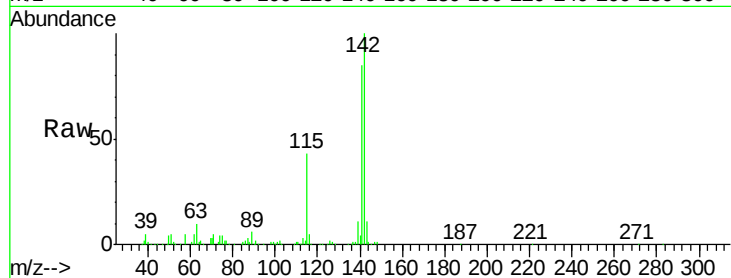




#37
2-Methylnaphthalene
Concen: 31.34 ng
RT: 12.21 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BG017061.D
Acq: 11 May 2015 19:46

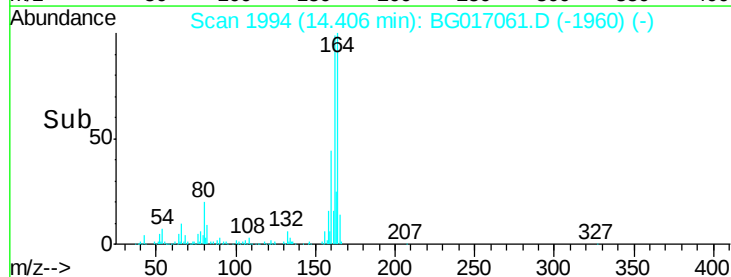
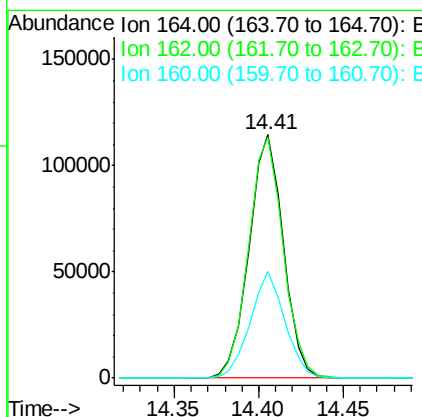
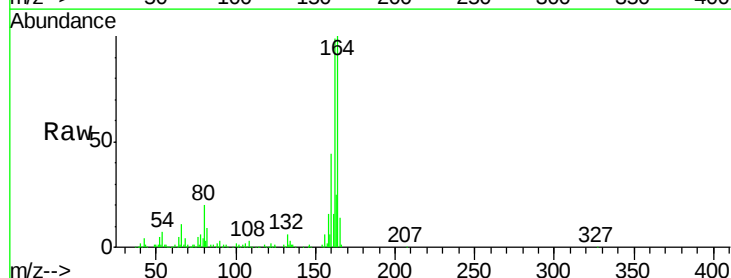
Instrument :
BNA_G
ClientSampleId :
PS-30A(20-25)MSD

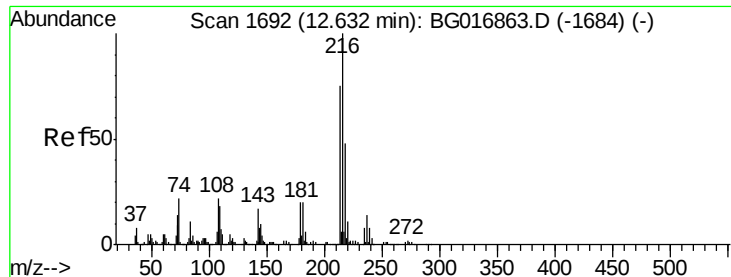
Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.4	69.9	104.9
115	42.6	29.8	44.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.41 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BG017061.D
Acq: 11 May 2015 19:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.2	74.0	111.0
160	44.1	34.7	52.1

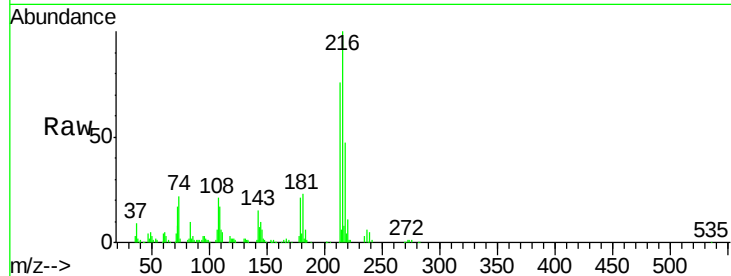




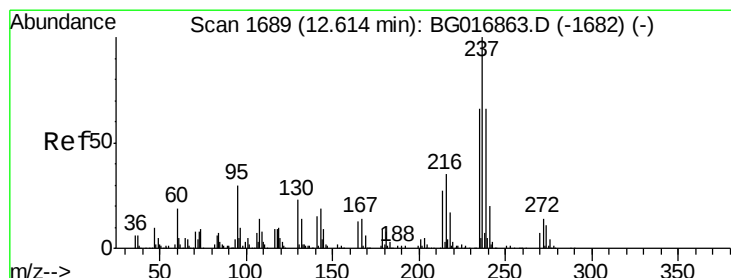
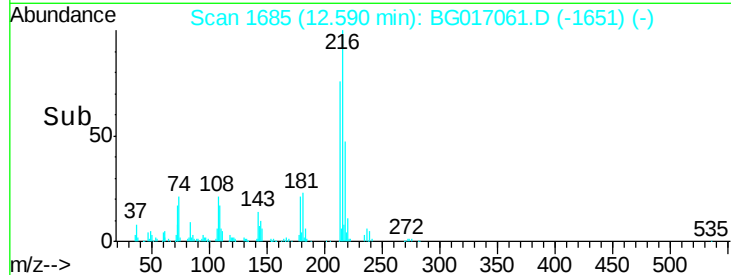
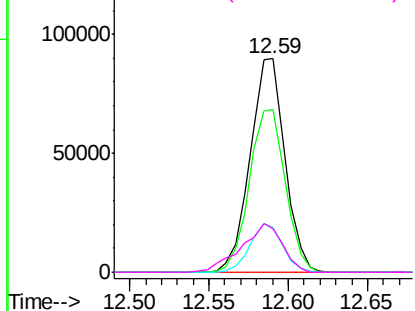
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.40 ng
 RT: 12.59 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: BG017061.D
 Acq: 11 May 2015 19:46

Instrument :
 BNA_G
 ClientSampleId :
 PS-30A(20-25)MSD

Tgt Ion:	216	Resp:	137052
Ion	Ratio	Lower	Upper
216	100		
214	78.5	0.0	0.0#
179	21.5	0.0	0.0#
108	27.0	0.0	0.0#

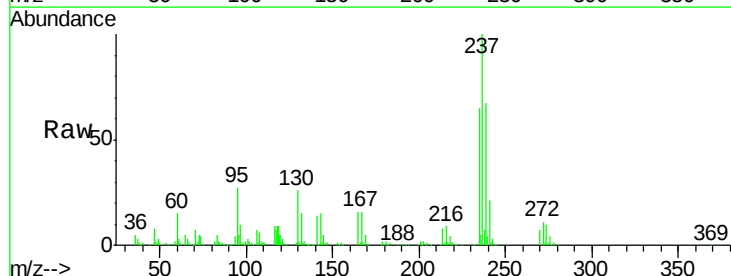


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

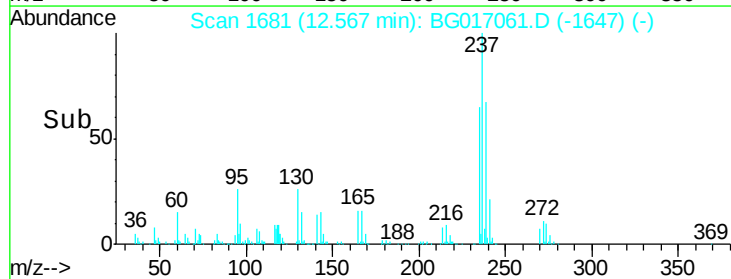
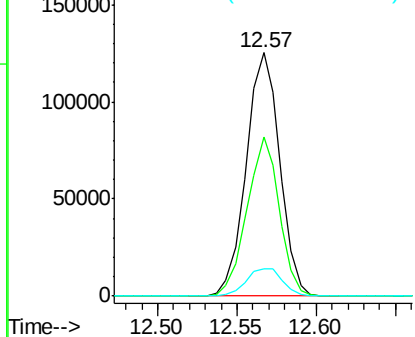


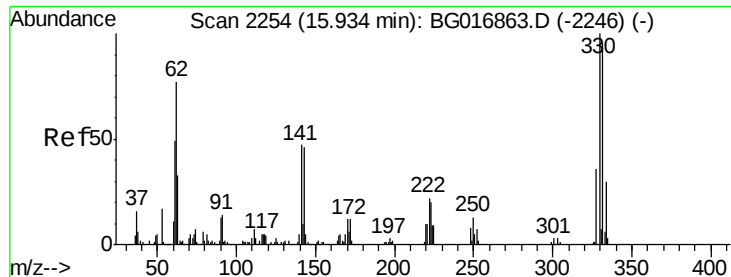
#40
 Hexachlorocyclopentadiene
 Concen: 65.20 ng
 RT: 12.57 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: BG017061.D
 Acq: 11 May 2015 19:46

Tgt Ion:	237	Resp:	183794
Ion	Ratio	Lower	Upper
237	100		
235	65.4	45.5	85.5
272	11.3	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: 119.45 ng

RT: 15.90 min Scan# 2248

Delta R.T. -0.01 min

Lab File: BG017061.D

Acq: 11 May 2015 19:46

Instrument :

BNA_G

ClientSampleId :

PS-30A(20-25)MSD

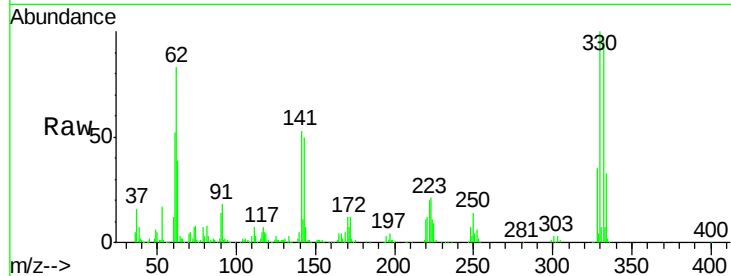
Tgt Ion:330 Resp: 193628

Ion Ratio Lower Upper

330 100

332 95.4 0.0 0.0#

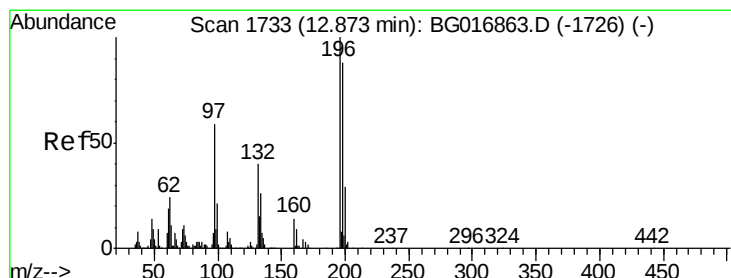
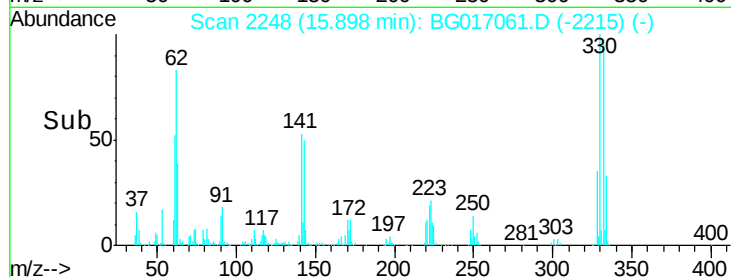
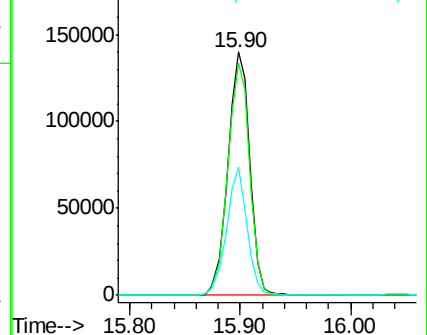
141 49.5 0.0 0.0#



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: 33.79 ng

RT: 12.84 min Scan# 1727

Delta R.T. -0.01 min

Lab File: BG017061.D

Acq: 11 May 2015 19:46

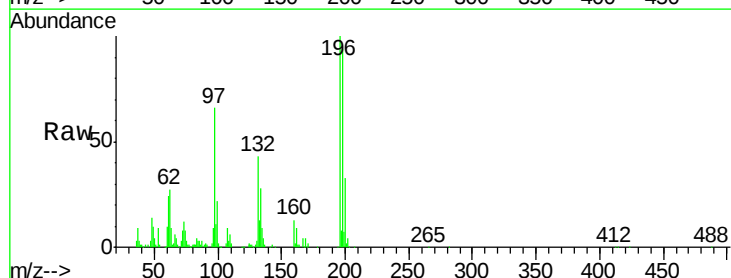
Tgt Ion:196 Resp: 104518

Ion Ratio Lower Upper

196 100

198 94.1 70.7 106.1

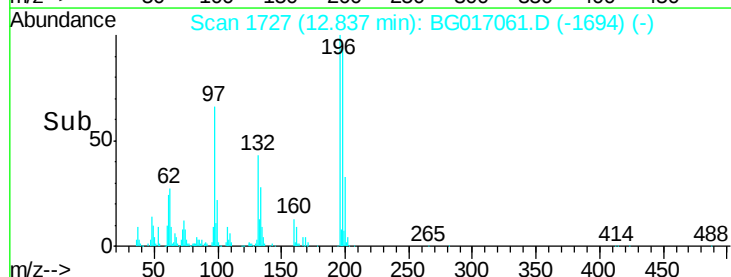
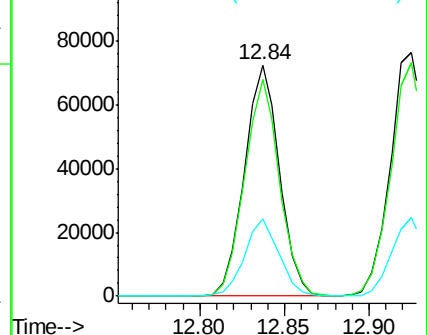
200 33.4 23.0 34.4

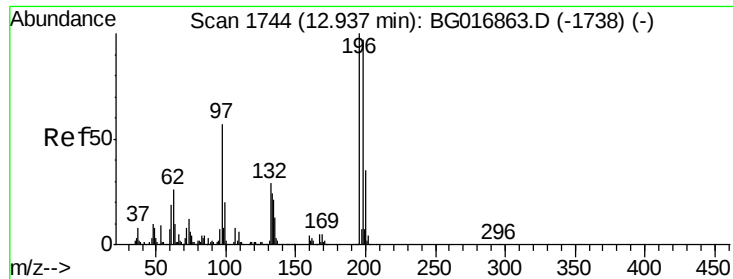


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

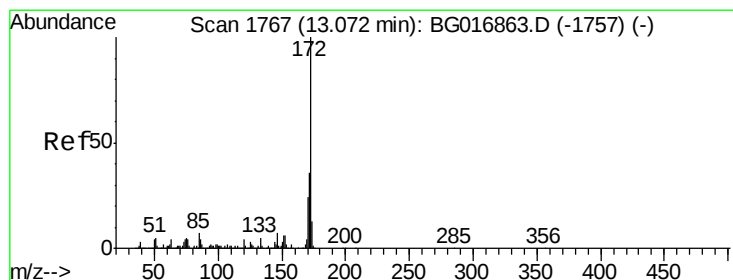
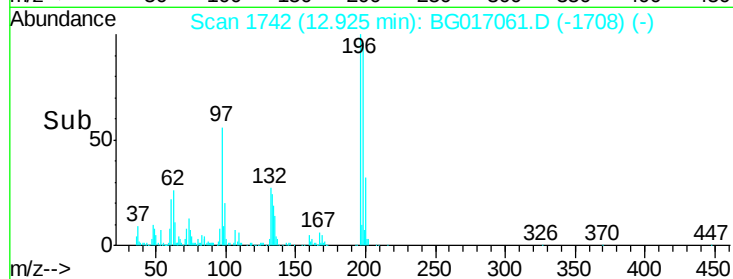
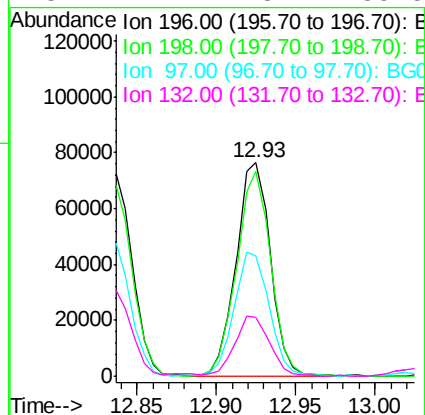
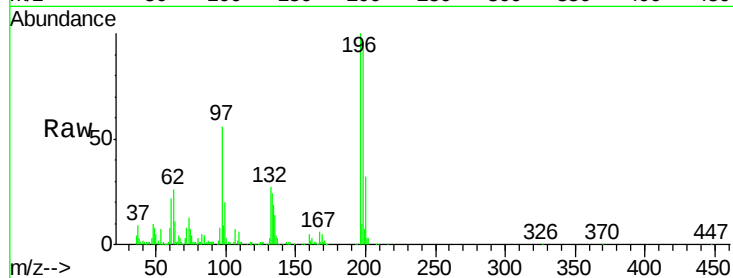




#43
 2,4,5-Trichlorophenol
 Concen: 35.08 ng
 RT: 12.93 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: BG017061.D
 Acq: 11 May 2015 19:46

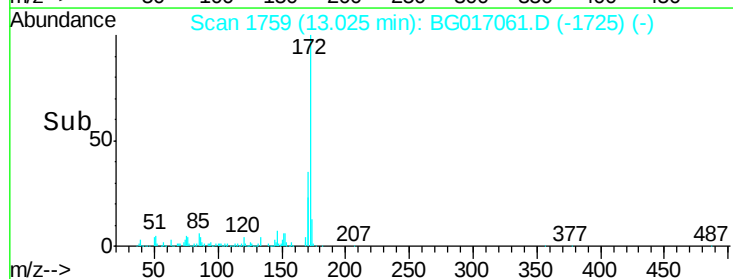
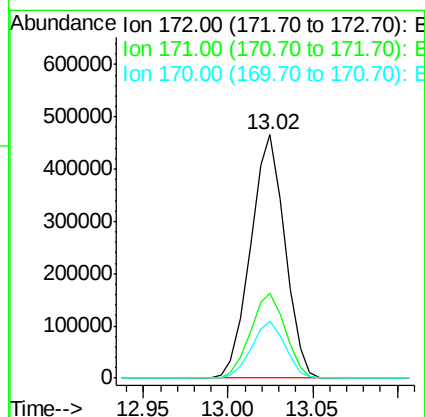
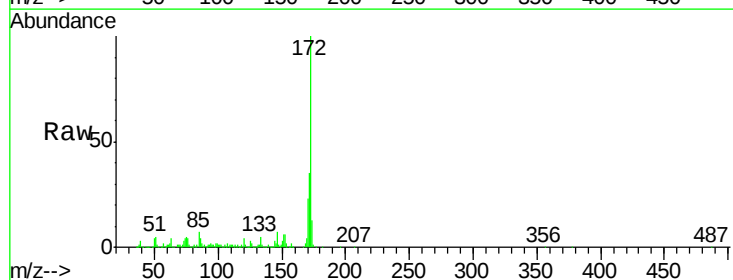
Instrument :
 BNA_G
 ClientSampleId :
 PS-30A(20-25)MSD

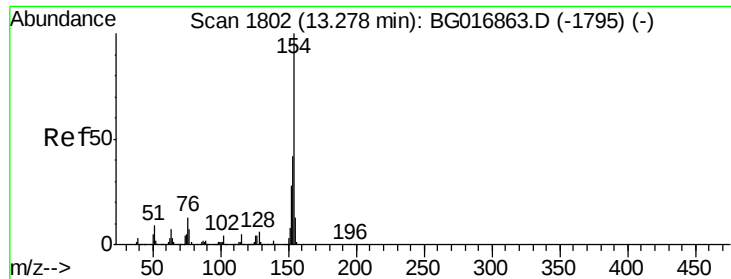
Tgt Ion:	196	Resp:	115176
Ion	Ratio	Lower	Upper
196	100		
198	96.0	77.5	116.3
97	56.1	45.9	68.9
132	27.4	23.7	35.5



#44
 2-Fluorobiphenyl
 Concen: 61.43 ng
 RT: 13.02 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BG017061.D
 Acq: 11 May 2015 19:46

Tgt Ion:	172	Resp:	657249
Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.0	43.4
170	23.2	19.0	28.4

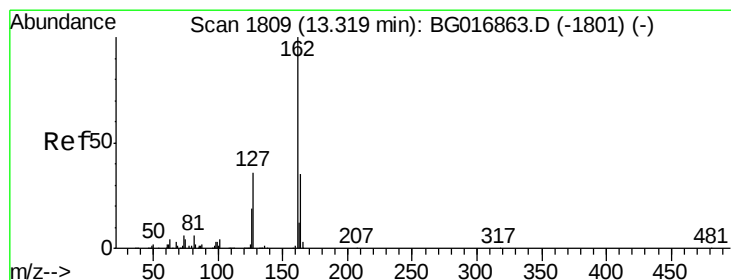
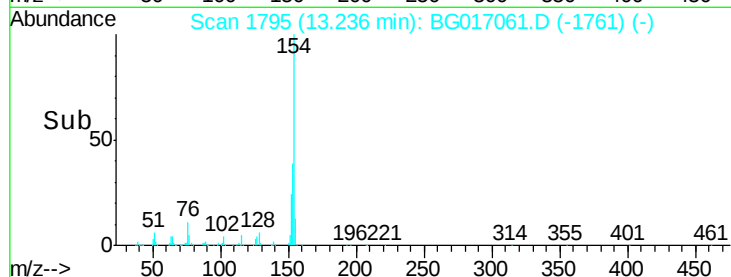
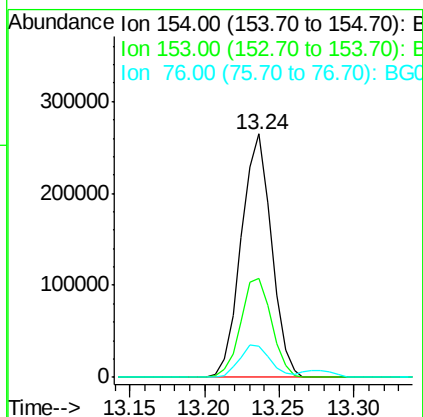
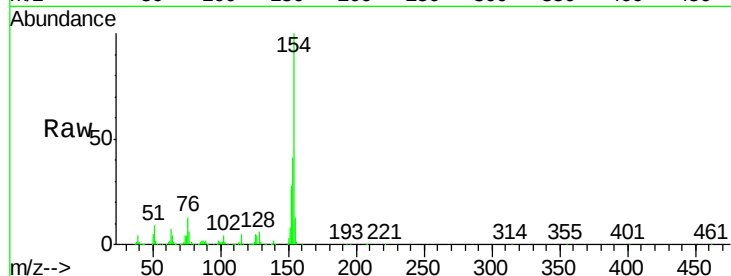




#45
 1,1'-Biphenyl
 Concen: 32.24 ng
 RT: 13.24 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: BG017061.D
 Acq: 11 May 2015 19:46

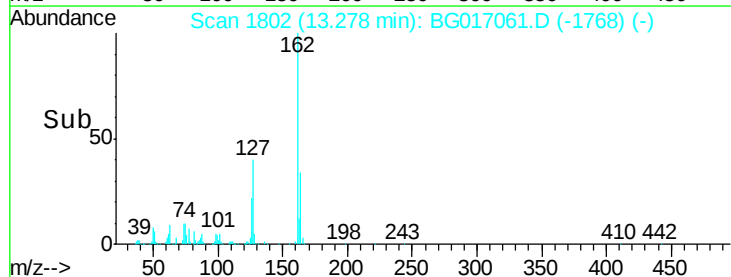
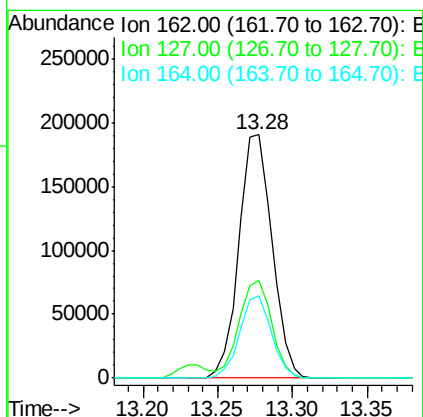
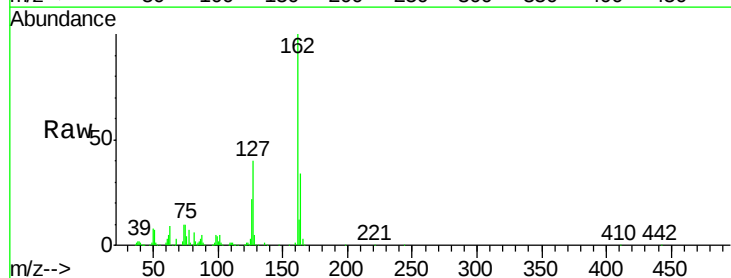
Instrument :
 BNA_G
 ClientSampleId :
 PS-30A(20-25)MSD

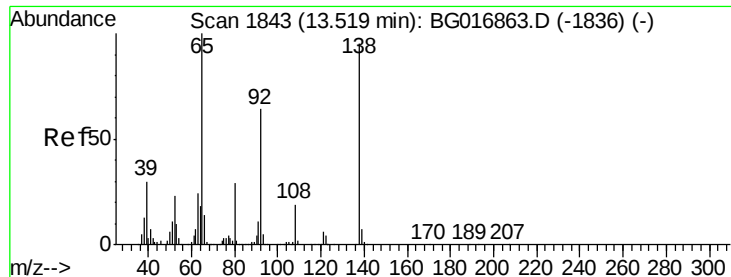
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	22.0	62.0
76	12.9	0.0	33.3



#46
 2-Chloronaphthalene
 Concen: 32.09 ng
 RT: 13.28 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: BG017061.D
 Acq: 11 May 2015 19:46

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.9	31.2	46.8
164	33.6	27.8	41.6





#47

2-Nitroaniline

Concen: 37.68 ng

RT: 13.48 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BG017061.D

Acq: 11 May 2015 19:46

Instrument :

BNA_G

ClientSampleId :

PS-30A(20-25)MSD

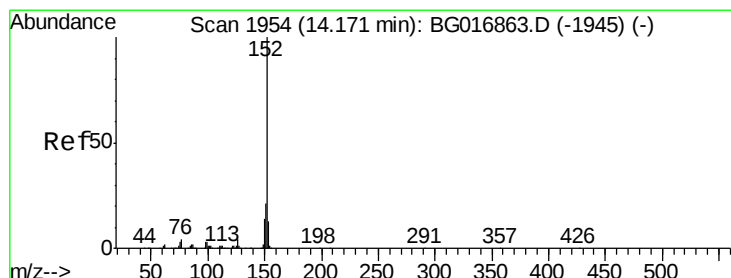
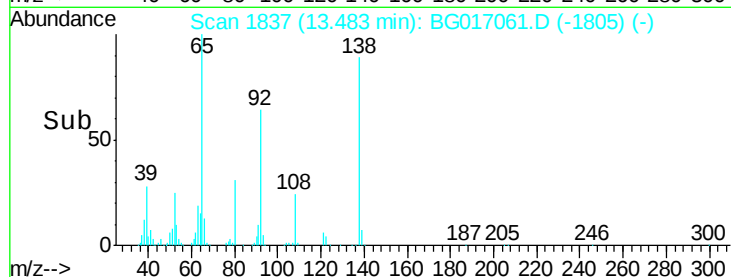
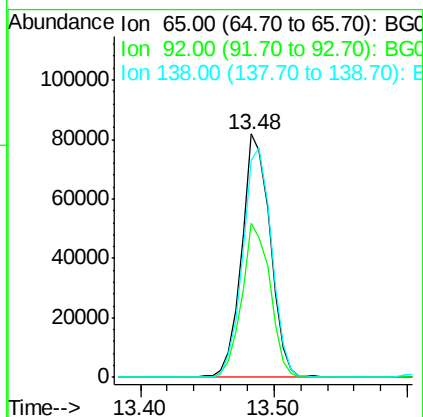
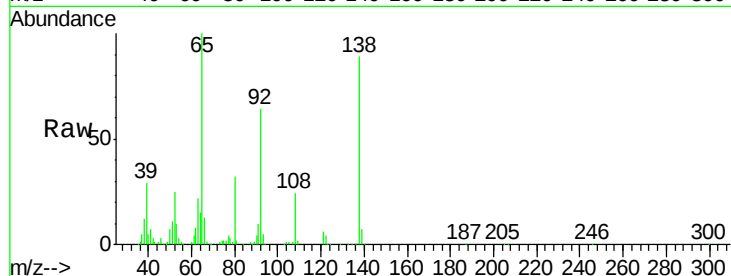
Tgt Ion: 65 Resp: 120081

Ion Ratio Lower Upper

65 100

92 63.5 51.0 76.6

138 89.0 76.2 114.2



#48

Acenaphthylene

Concen: 31.18 ng

RT: 14.12 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG017061.D

Acq: 11 May 2015 19:46

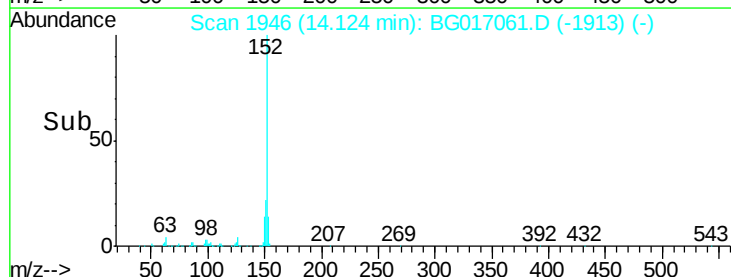
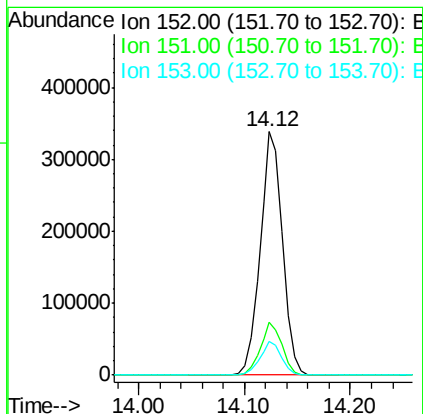
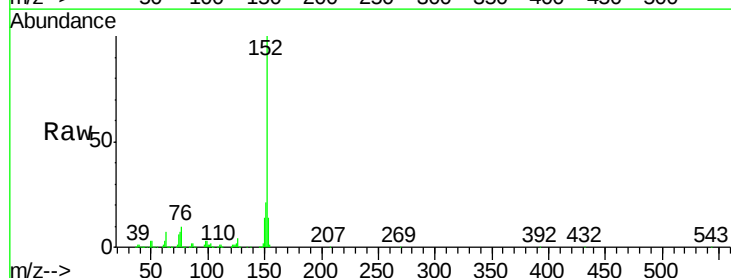
Tgt Ion: 152 Resp: 497213

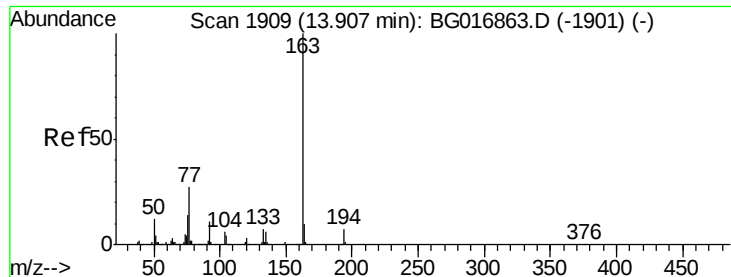
Ion Ratio Lower Upper

152 100

151 21.5 17.0 25.4

153 13.8 10.7 16.1





#49

Dimethylphthalate

Concen: 36.33 ng

RT: 13.87 min Scan# 1902

Delta R.T. -0.01 min

Lab File: BG017061.D

Acq: 11 May 2015 19:46

Instrument :

BNA_G

ClientSampleId :

PS-30A(20-25)MSD

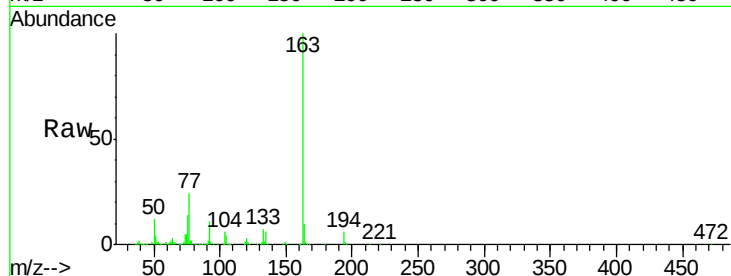
Tgt Ion:163 Resp: 438008

Ion Ratio Lower Upper

163 100

194 6.2 5.2 7.8

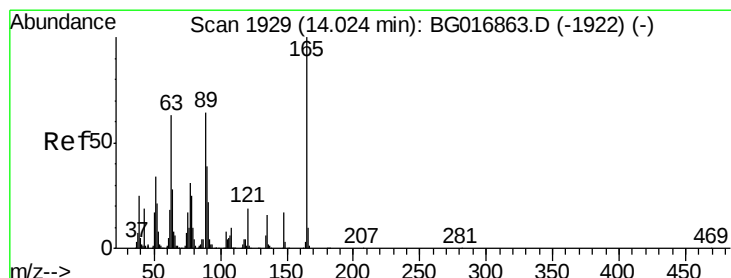
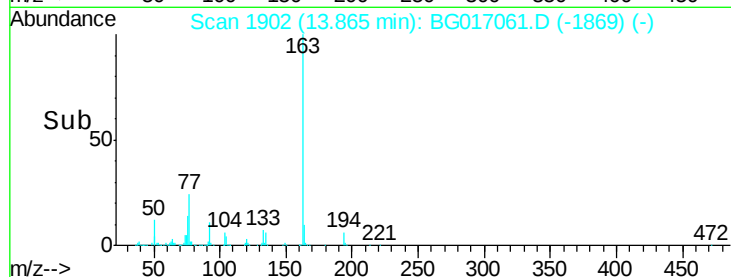
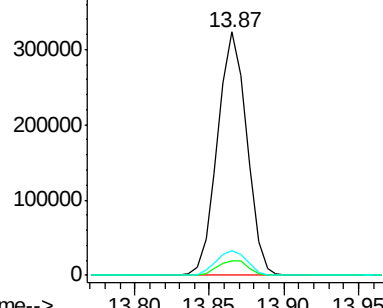
164 10.0 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 35.96 ng

RT: 13.98 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG017061.D

Acq: 11 May 2015 19:46

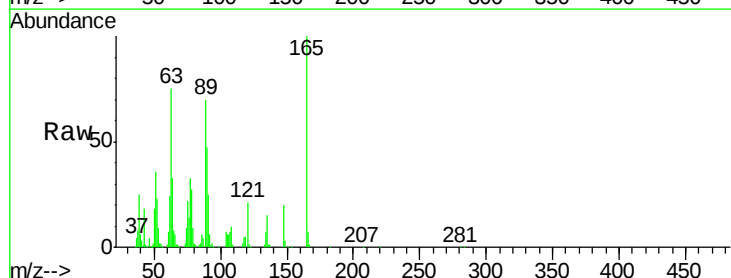
Tgt Ion:165 Resp: 90005

Ion Ratio Lower Upper

165 100

63 74.8 50.9 76.3

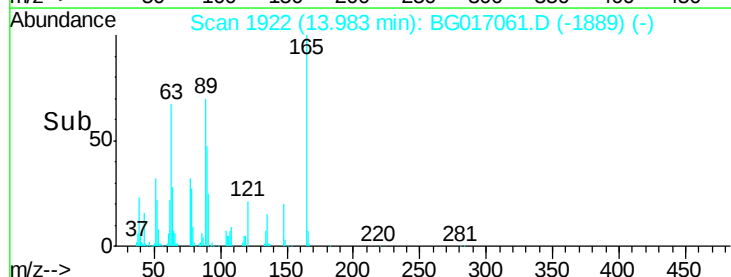
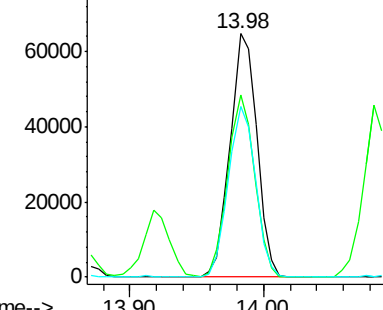
89 70.0 51.4 77.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 31.40 ng

RT: 14.47 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BG017061.D

Acq: 11 May 2015 19:46

Instrument :

BNA_G

ClientSampleId :

PS-30A(20-25)MSD

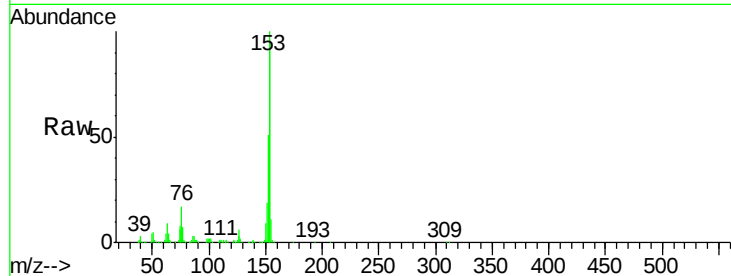
Tgt Ion:154 Resp: 298022

Ion Ratio Lower Upper

154 100

153 104.1 84.2 126.4

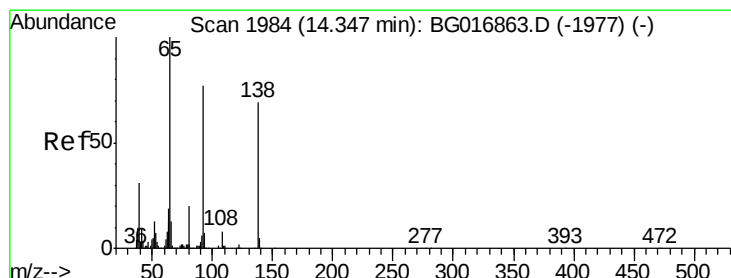
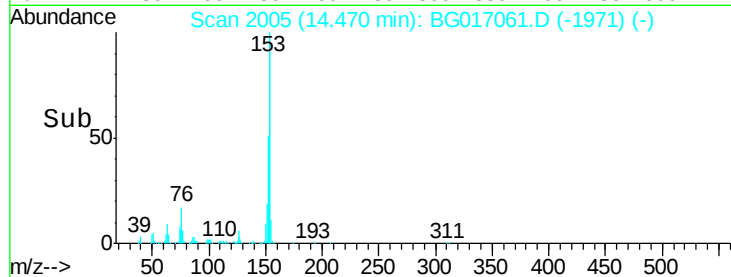
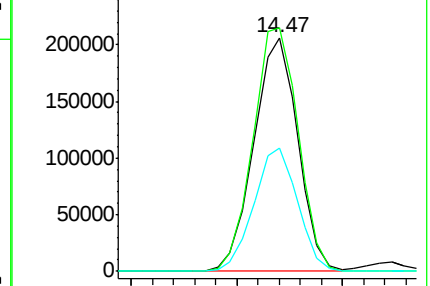
152 52.7 40.2 60.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.32 ng

RT: 14.32 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BG017061.D

Acq: 11 May 2015 19:46

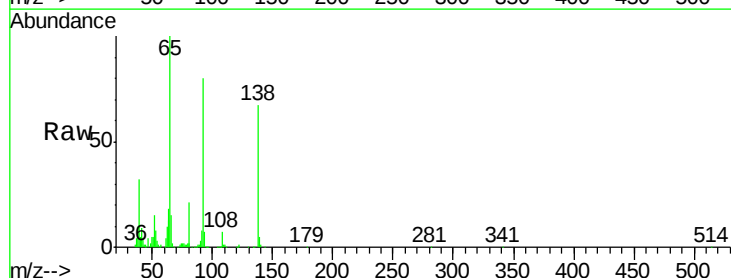
Tgt Ion:138 Resp: 89191

Ion Ratio Lower Upper

138 100

108 10.3 9.5 14.3

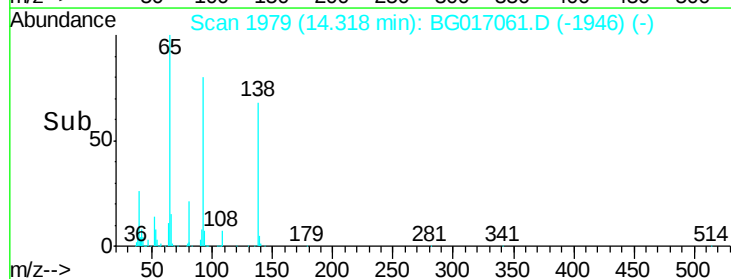
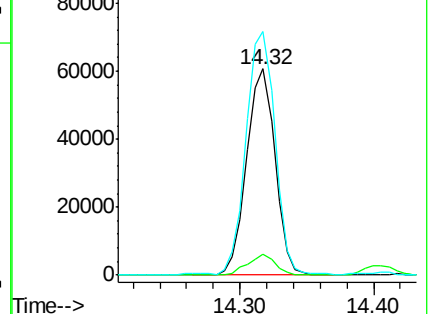
92 118.3 89.6 134.4

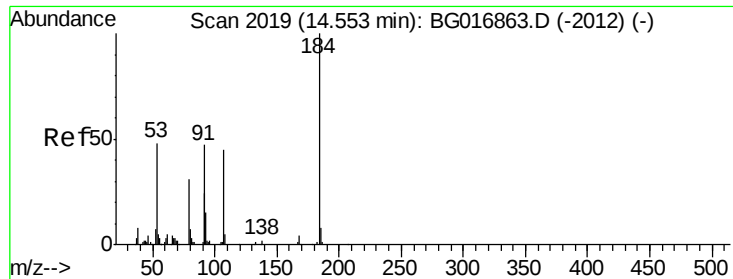


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

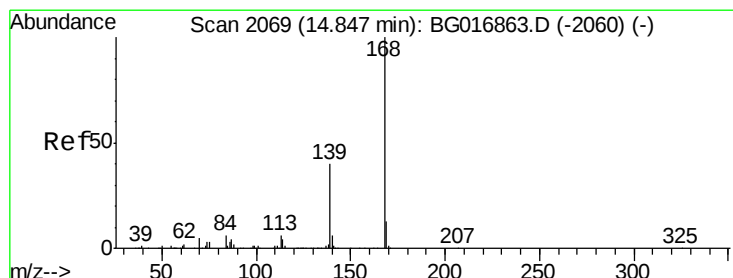
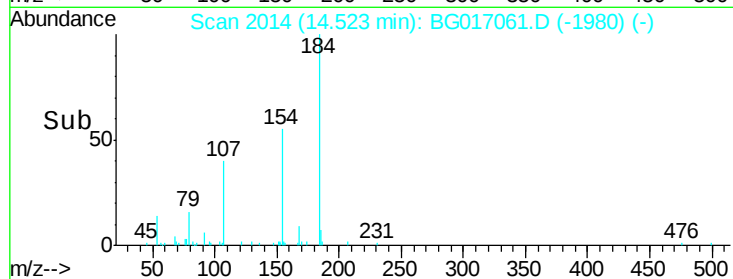
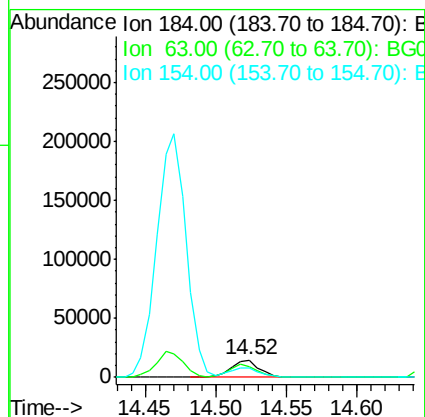
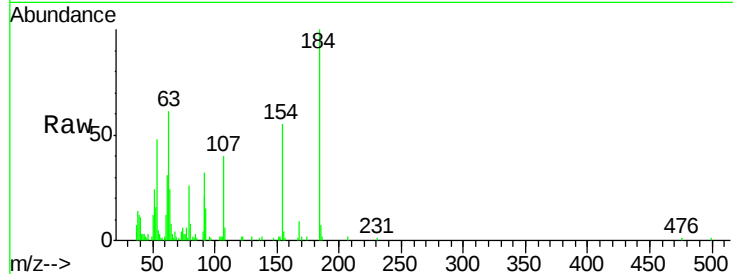




#53
 2,4-Dinitrophenol
 Concen: 18.18 ng
 RT: 14.52 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BG017061.D
 Acq: 11 May 2015 19:46

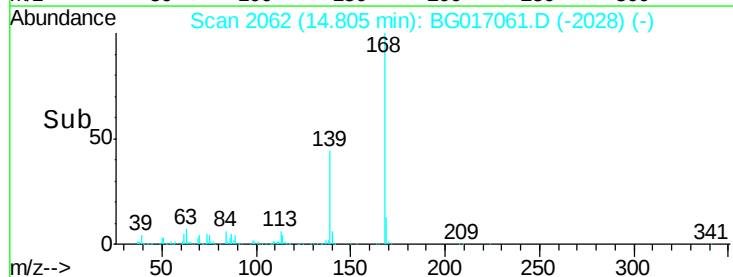
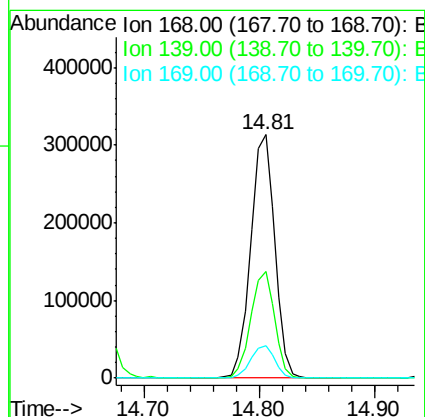
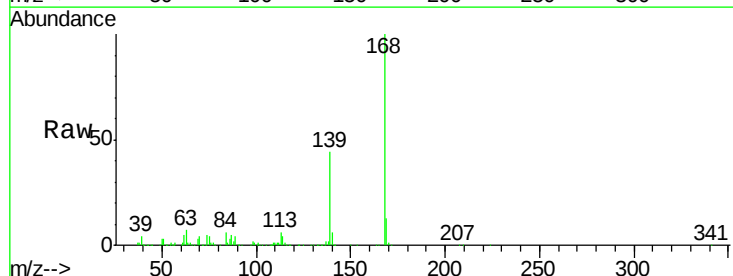
Instrument :
 BNA_G
 ClientSampleId :
 PS-30A(20-25)MSD

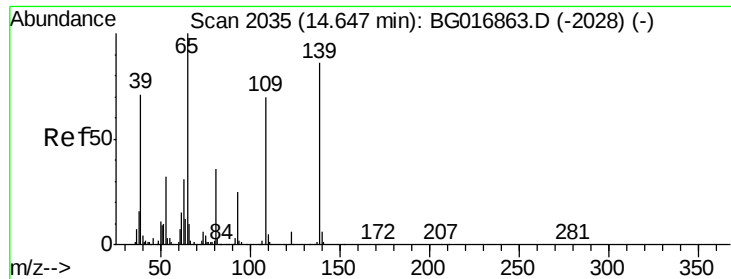
Tgt Ion:184 Resp: 20812
 Ion Ratio Lower Upper
 184 100
 63 60.6 53.4 80.0
 154 54.9 41.0 61.6



#54
 Dibenzofuran
 Concen: 33.65 ng
 RT: 14.81 min Scan# 2062
 Delta R.T. -0.00 min
 Lab File: BG017061.D
 Acq: 11 May 2015 19:46

Tgt Ion:168 Resp: 453401
 Ion Ratio Lower Upper
 168 100
 139 43.7 32.5 48.7
 169 13.5 10.4 15.6





#55

4-Nitrophenol

Concen: 64.70 ng

RT: 14.66 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BG017061.D

Acq: 11 May 2015 19:46

Instrument :

BNA_G

ClientSampleId :

PS-30A(20-25)MSD

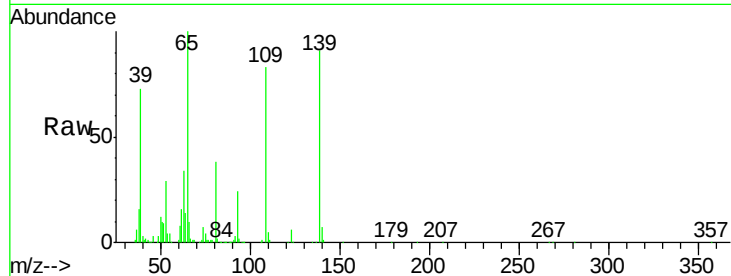
Tgt Ion:139 Resp: 156226

Ion Ratio Lower Upper

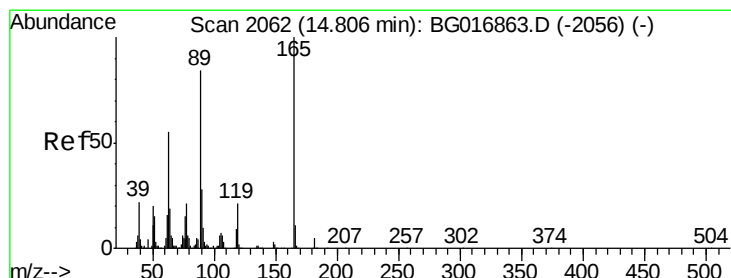
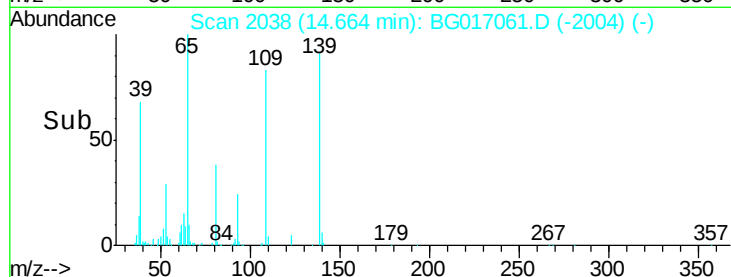
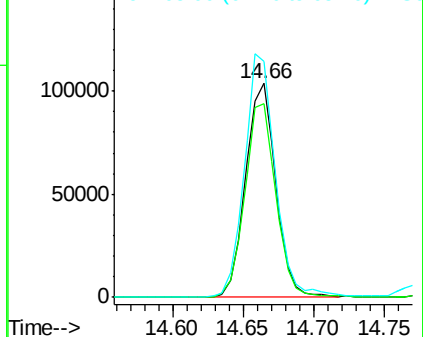
139 100

109 90.8 61.8 101.8

65 110.0 96.8 136.8



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



#56

2,4-Dinitrotoluene

Concen: 41.38 ng

RT: 14.78 min Scan# 2057

Delta R.T. -0.00 min

Lab File: BG017061.D

Acq: 11 May 2015 19:46

Tgt Ion:165 Resp: 132525

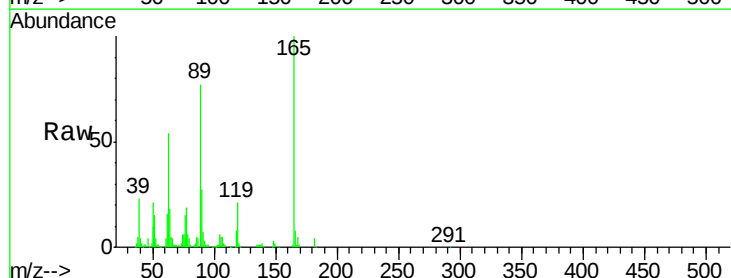
Ion Ratio Lower Upper

165 100

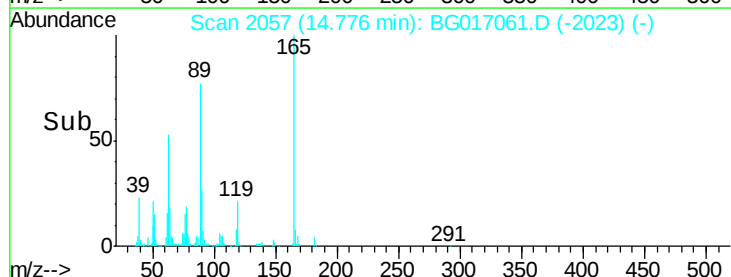
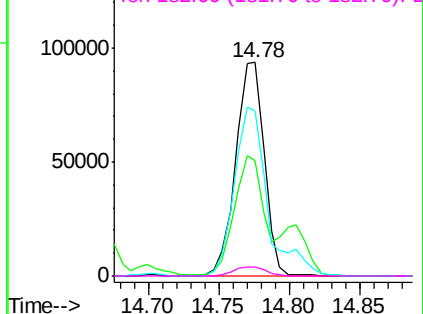
63 53.8 44.2 66.4

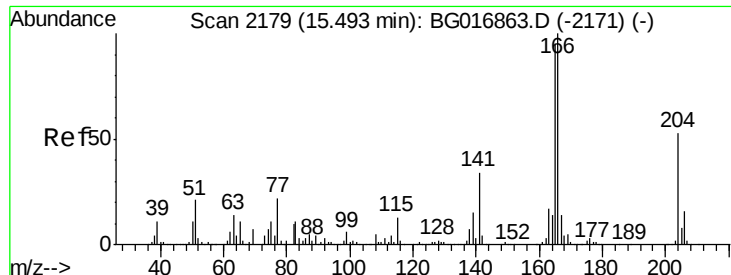
89 77.4 67.2 100.8

182 4.4 4.2 6.4



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 33.01 ng

RT: 15.45 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BG017061.D

Acq: 11 May 2015 19:46

Instrument :

BNA_G

ClientSampleId :

PS-30A(20-25)MSD

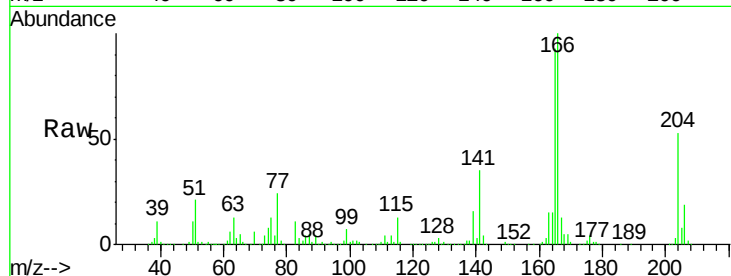
Tgt Ion:166 Resp: 393865

Ion Ratio Lower Upper

166 100

165 93.4 76.1 114.1

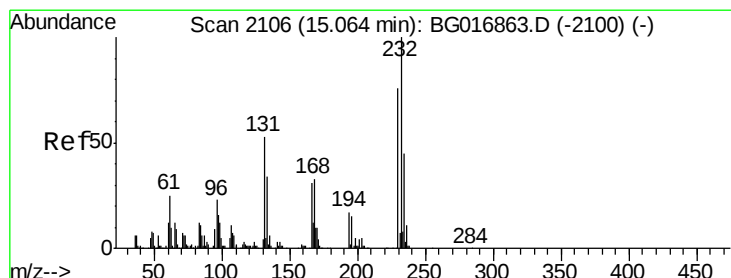
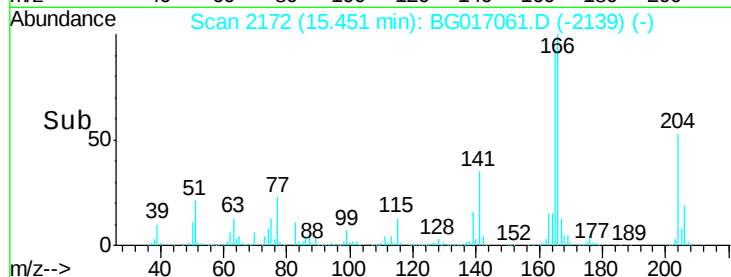
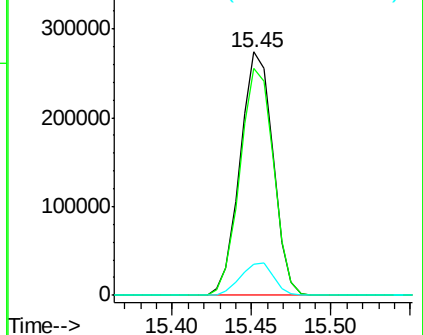
167 12.9 11.4 17.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.07 ng

RT: 15.03 min Scan# 2101

Delta R.T. -0.01 min

Lab File: BG017061.D

Acq: 11 May 2015 19:46

Tgt Ion:232 Resp: 99349

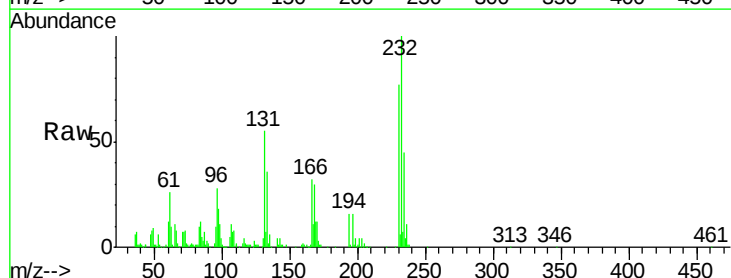
Ion Ratio Lower Upper

232 100

131 51.5 0.1 0.1#

130 3.5 0.0 0.0#

166 32.2 0.0 0.0#

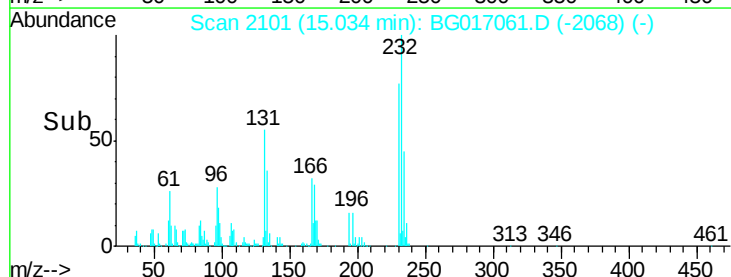
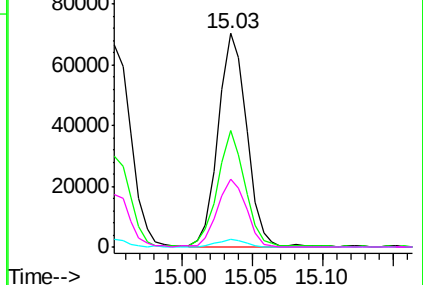


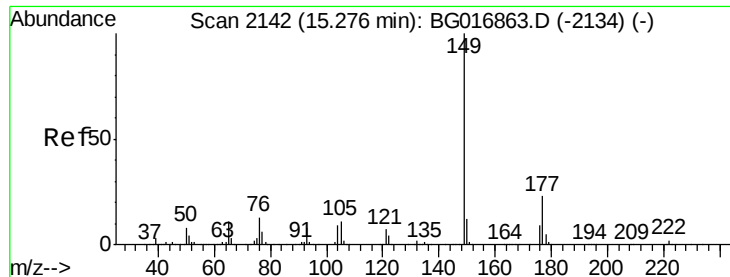
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 33.58 ng

RT: 15.23 min Scan# 2135

Delta R.T. -0.00 min

Lab File: BG017061.D

Acq: 11 May 2015 19:46

Instrument :

BNA_G

ClientSampleId :

PS-30A(20-25)MSD

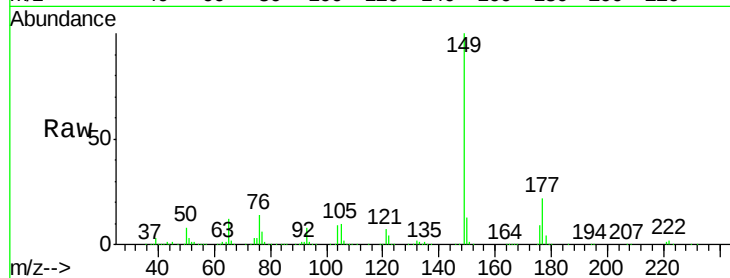
Tgt Ion:149 Resp: 427446

Ion Ratio Lower Upper

149 100

177 22.5 18.6 27.8

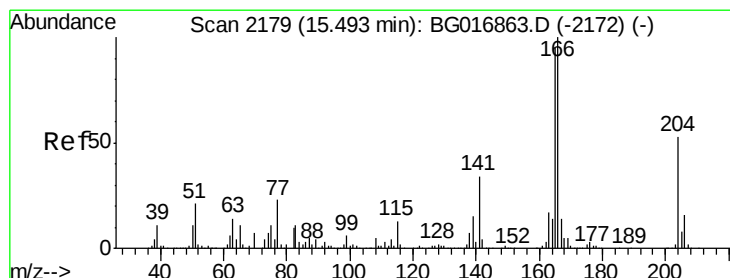
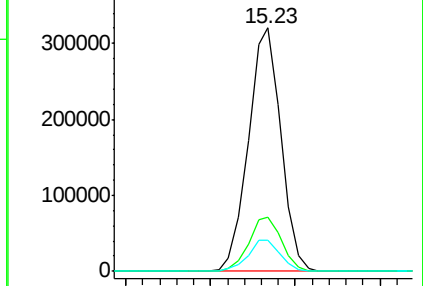
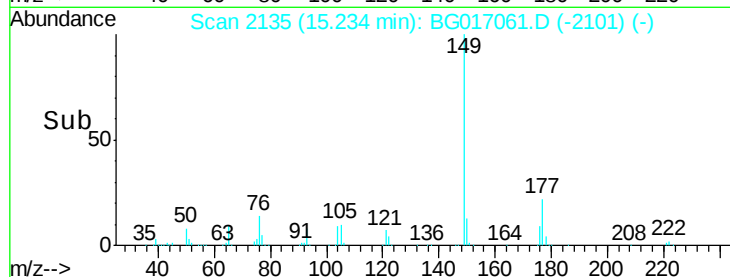
150 12.7 9.8 14.8



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: 32.58 ng

RT: 15.45 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG017061.D

Acq: 11 May 2015 19:46

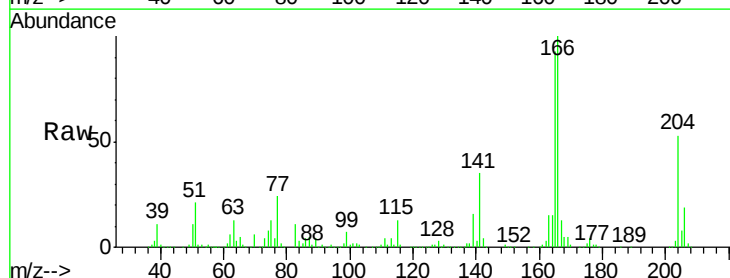
Tgt Ion:204 Resp: 195287

Ion Ratio Lower Upper

204 100

206 35.9 24.8 37.2

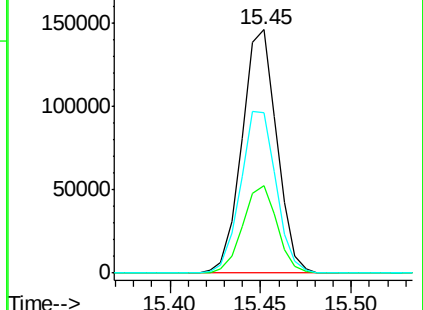
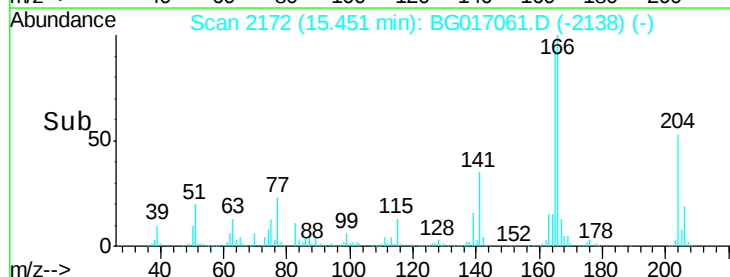
141 66.0 52.4 78.6



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

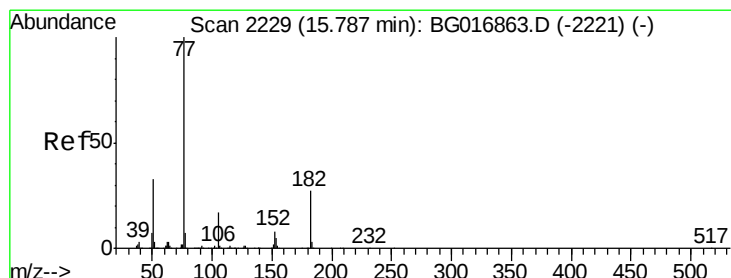
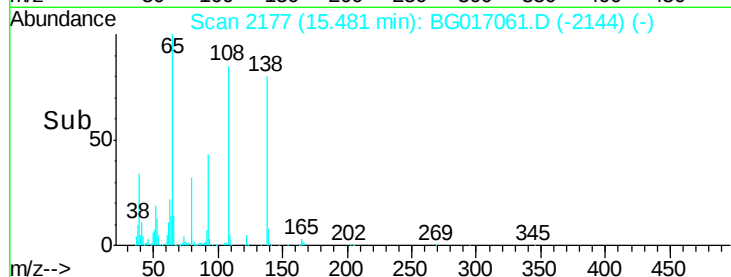
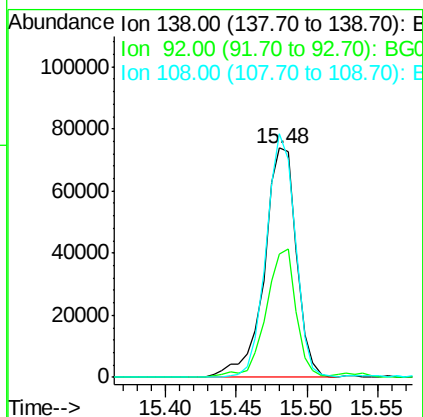
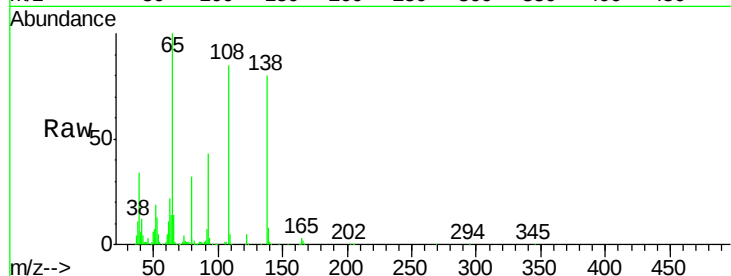




#61
4-Nitroaniline
Concen: 35.81 ng
RT: 15.48 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BG017061.D
Acq: 11 May 2015 19:46

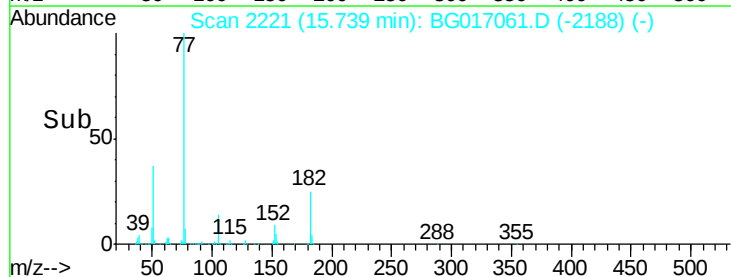
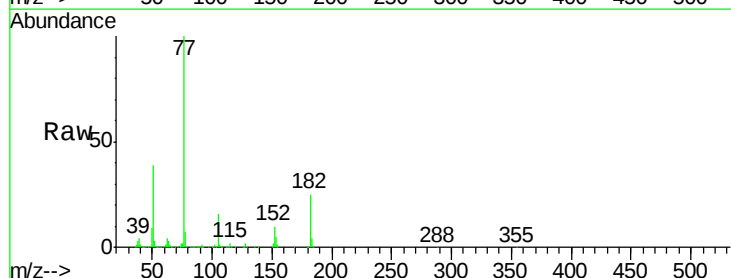
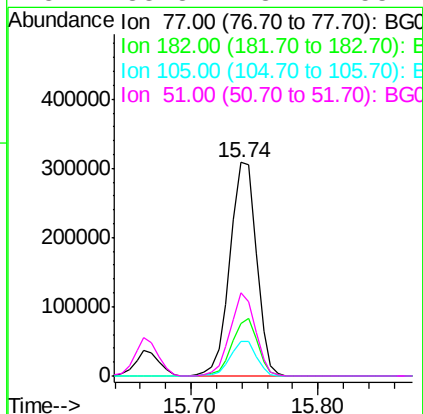
Instrument :
BNA_G
ClientSampleId :
PS-30A(20-25)MSD

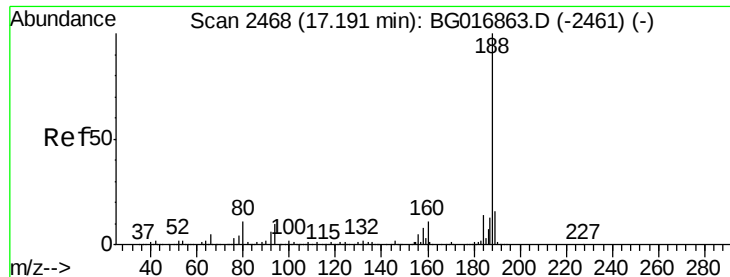
Tgt Ion:138 Resp: 118249
Ion Ratio Lower Upper
138 100
92 53.6 31.8 71.8
108 106.1 70.6 110.6



#62
Azobenzene
Concen: 33.81 ng
RT: 15.74 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BG017061.D
Acq: 11 May 2015 19:46

Tgt Ion: 77 Resp: 445676
Ion Ratio Lower Upper
77 100
182 24.6 7.4 47.4
105 16.0 0.0 36.6
51 38.8 13.4 53.4

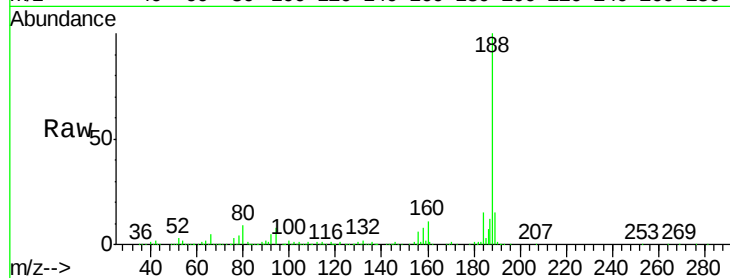




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.15 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG017061.D
Acq: 11 May 2015 19:46

Instrument :
BNA_G
ClientSampleId :
PS-30A(20-25)MSD

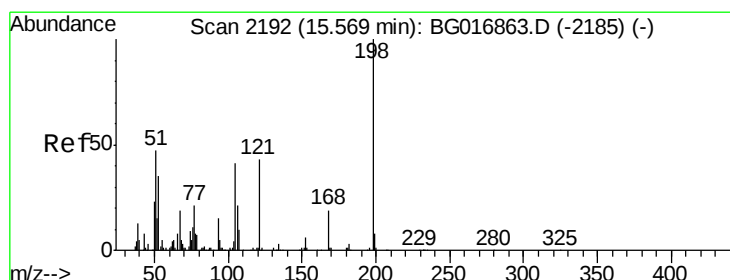
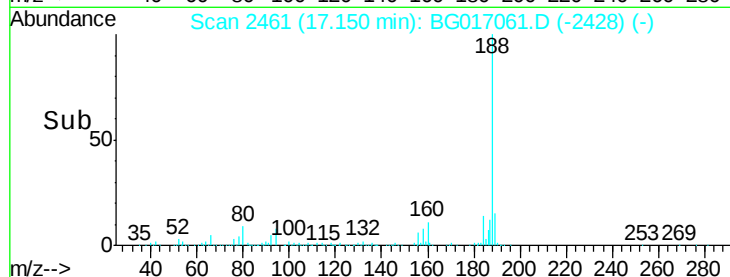
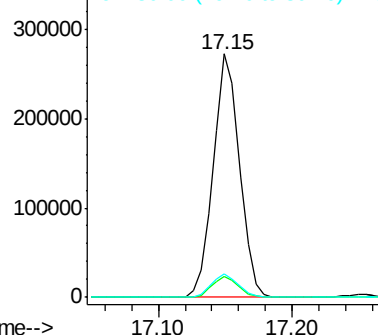
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	369165		
94	8.5		8.2	12.4
80	9.4		8.8	13.2



Abundance Ion 188.00 (187.70 to 188.70): E

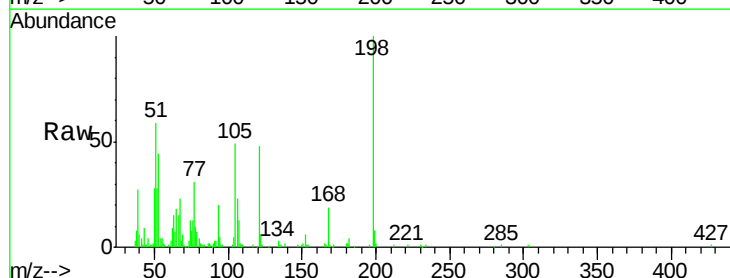
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64
4,6-Dinitro-2-methylphenol
Concen: 27.75 ng
RT: 15.53 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BG017061.D
Acq: 11 May 2015 19:46

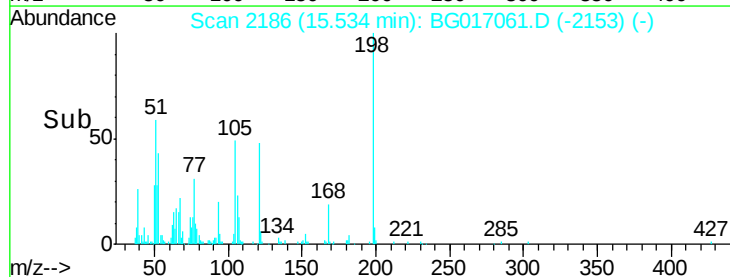
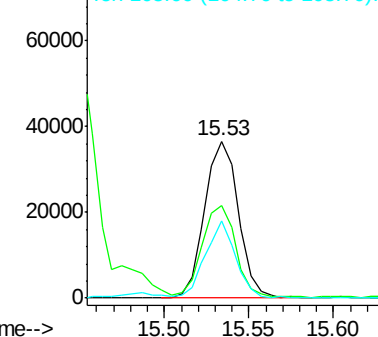
Tgt Ion	Ratio	Resp	Lower	Upper
198	100	50795		
51	59.2		31.2	71.2
105	49.2		22.0	62.0

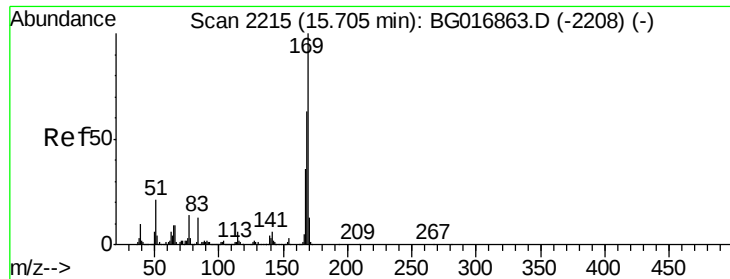


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

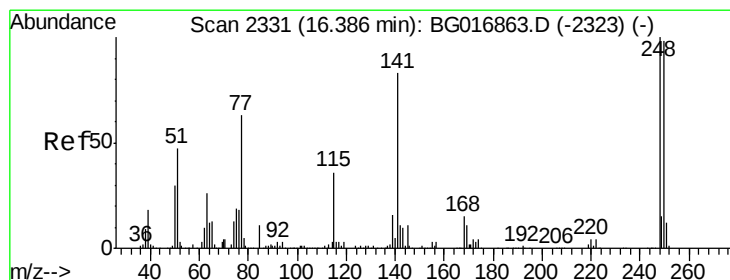
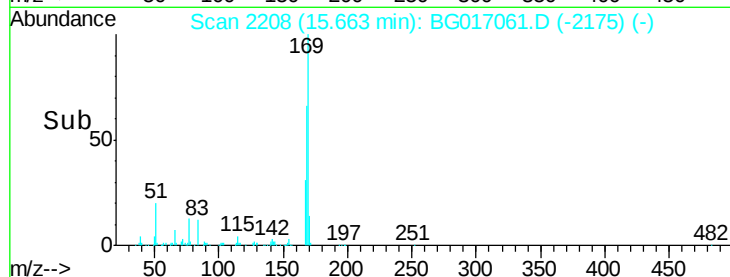
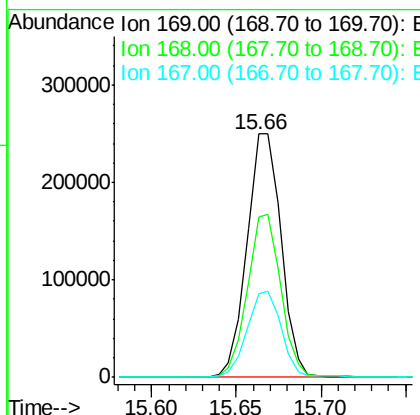
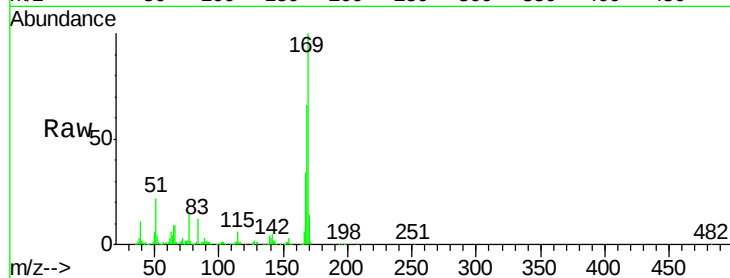




#65
n-Nitrosodiphenylamine
Concen: 31.30 ng
RT: 15.66 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BG017061.D
Acq: 11 May 2015 19:46

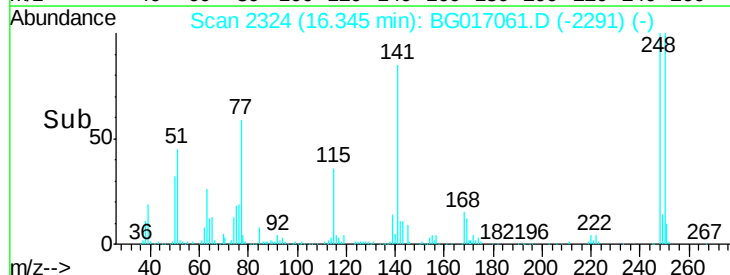
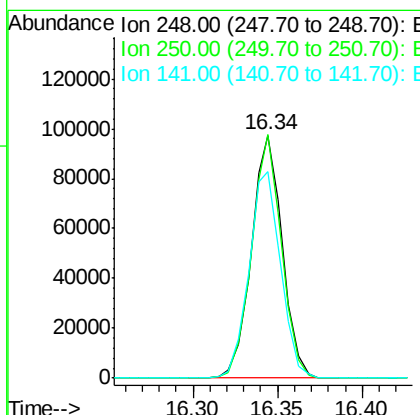
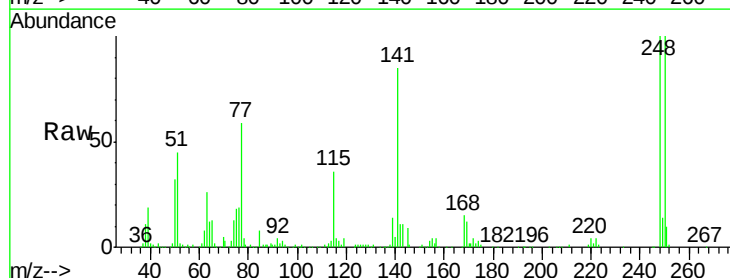
Instrument :
BNA_G
ClientSampleId :
PS-30A(20-25)MSD

Tgt Ion:169 Resp: 352663
Ion Ratio Lower Upper
169 100
168 66.0 50.6 76.0
167 34.3 29.0 43.4



#66
4-Bromophenyl-phenylether
Concen: 33.17 ng
RT: 16.34 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BG017061.D
Acq: 11 May 2015 19:46

Tgt Ion:248 Resp: 122899
Ion Ratio Lower Upper
248 100
250 100.5 78.6 117.8
141 85.3 66.3 99.5





#67

Hexachlorobenzene

Concen: 32.87 ng

RT: 16.46 min Scan# 2343

Delta R.T. -0.01 min

Lab File: BG017061.D

Acq: 11 May 2015 19:46

Instrument :

BNA_G

ClientSampleId :

PS-30A(20-25)MSD

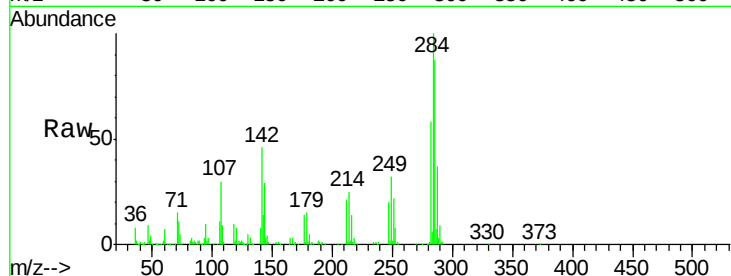
Tgt Ion:284 Resp: 128449

Ion Ratio Lower Upper

284 100

142 45.7 37.4 56.0

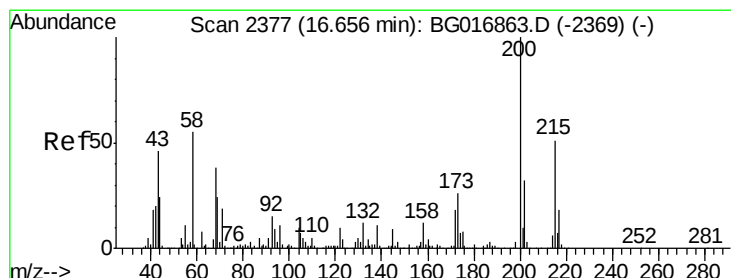
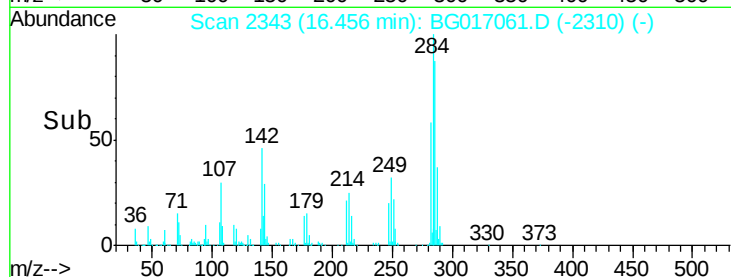
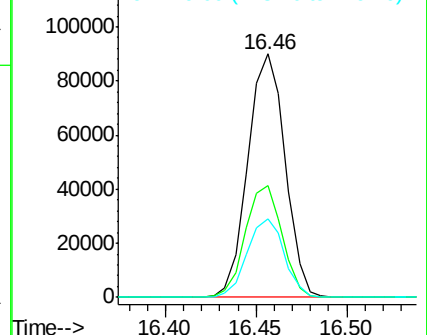
249 32.0 25.5 38.3



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: 34.87 ng

RT: 16.62 min Scan# 2371

Delta R.T. -0.01 min

Lab File: BG017061.D

Acq: 11 May 2015 19:46

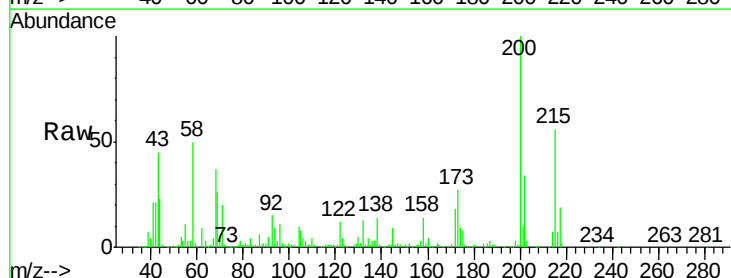
Tgt Ion:200 Resp: 141397

Ion Ratio Lower Upper

200 100

173 26.9 6.1 46.1

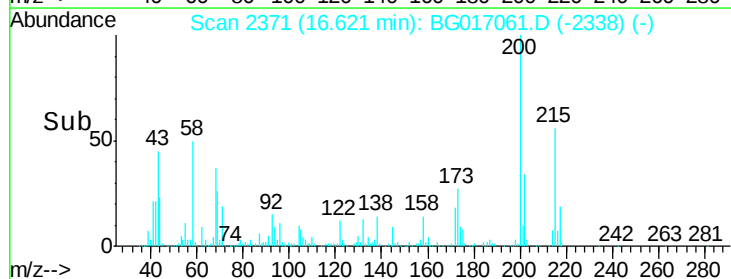
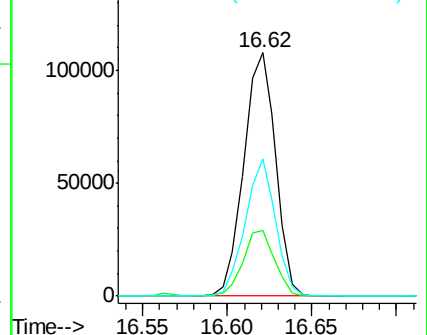
215 56.4 30.8 70.8

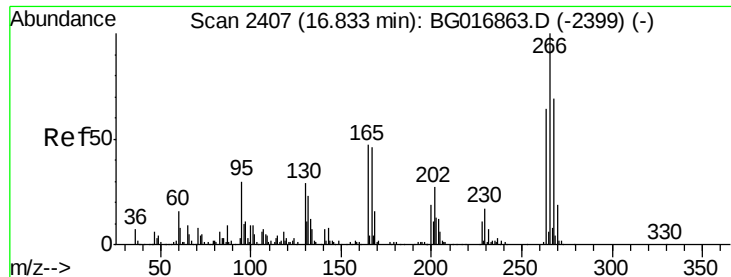


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

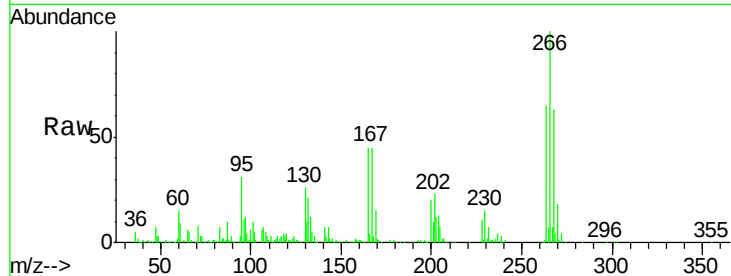




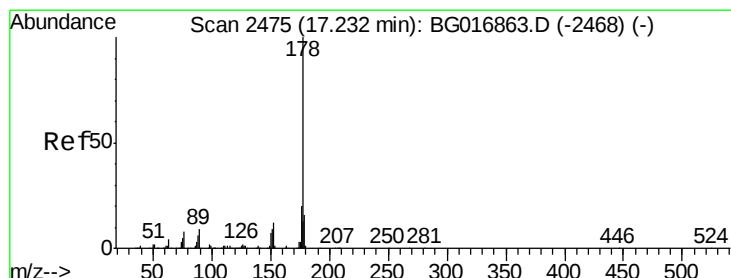
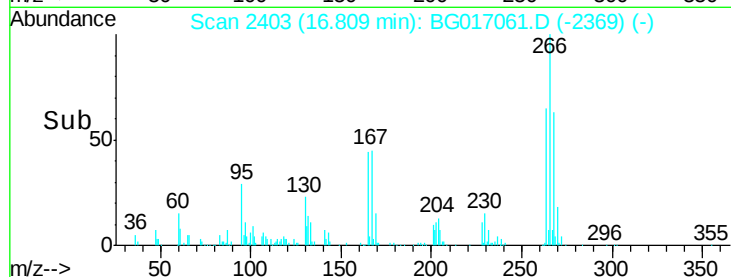
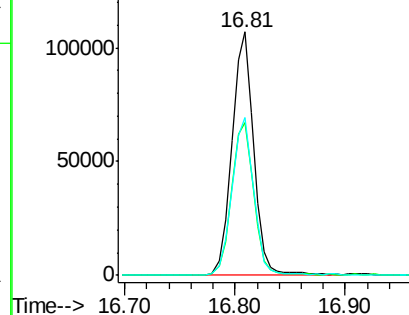
#69
 Pentachlorophenol
 Concen: 58.39 ng
 RT: 16.81 min Scan# 2403
 Delta R.T. -0.00 min
 Lab File: BG017061.D
 Acq: 11 May 2015 19:46

Instrument :
 BNA_G
 ClientSampleId :
 PS-30A(20-25)MSD

Tgt Ion:266 Resp: 148118
 Ion Ratio Lower Upper
 266 100
 268 62.9 55.2 82.8
 264 64.9 51.4 77.0

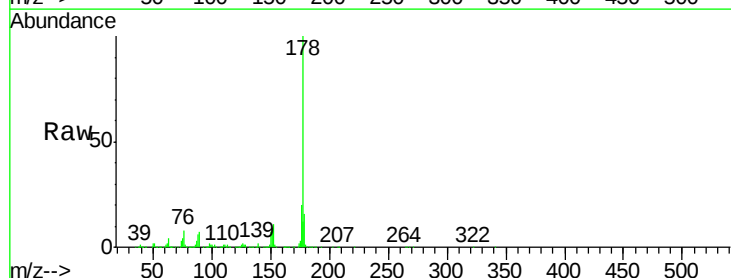


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

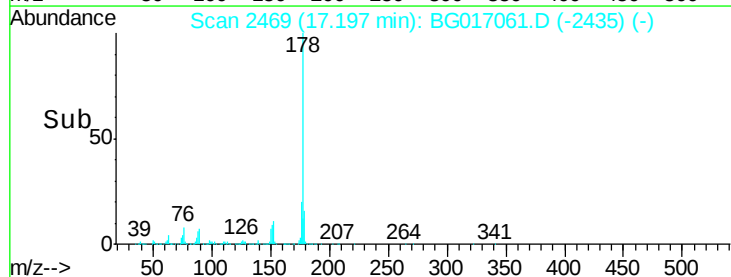
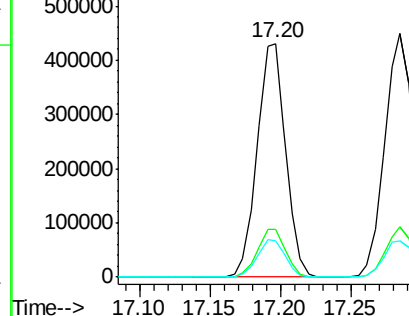


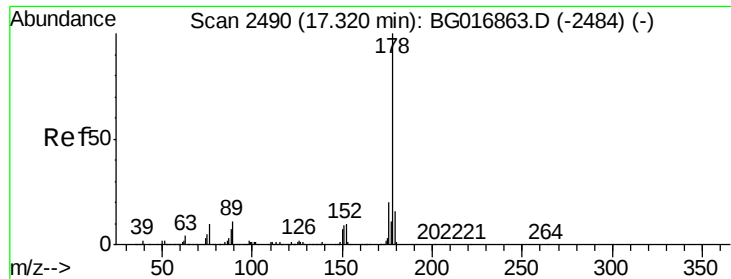
#70
 Phenanthrene
 Concen: 32.27 ng
 RT: 17.20 min Scan# 2469
 Delta R.T. -0.00 min
 Lab File: BG017061.D
 Acq: 11 May 2015 19:46

Tgt Ion:178 Resp: 613070
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.0 24.0
 179 15.5 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

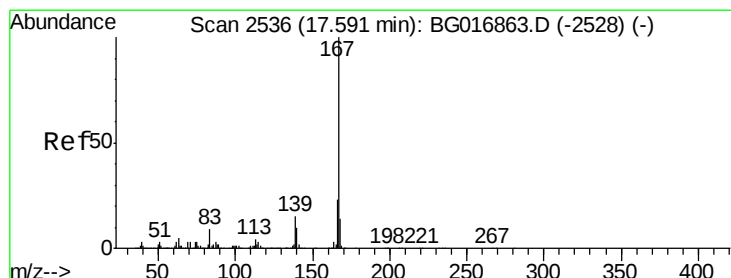
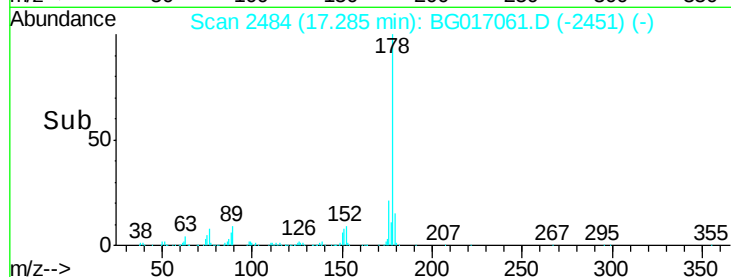
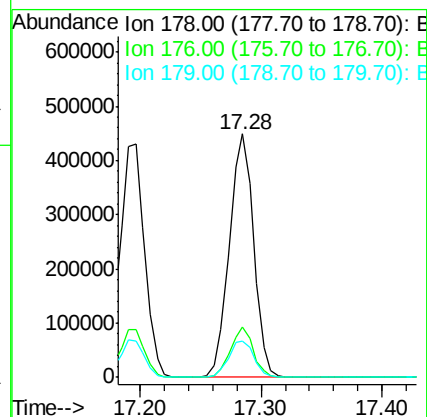
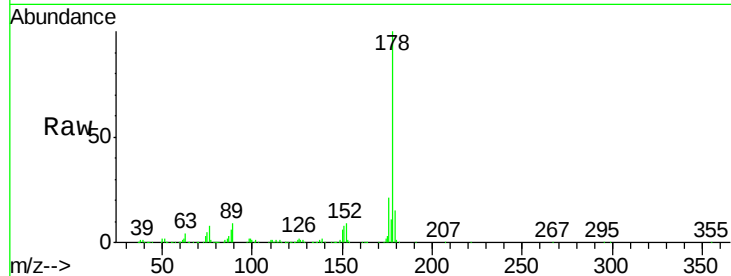




#71
 Anthracene
 Concen: 32.73 ng
 RT: 17.28 min Scan# 2484
 Delta R.T. -0.01 min
 Lab File: BG017061.D
 Acq: 11 May 2015 19:46

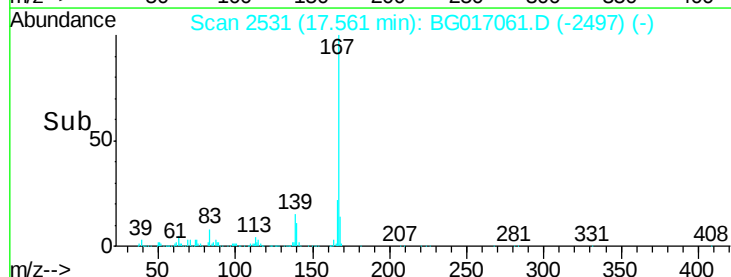
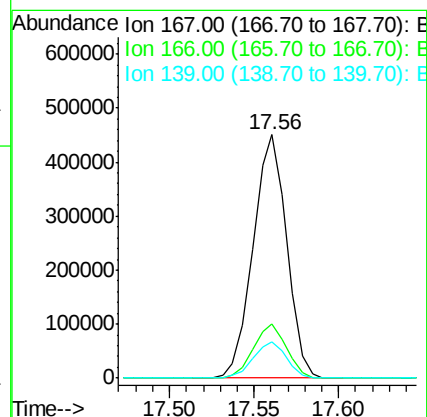
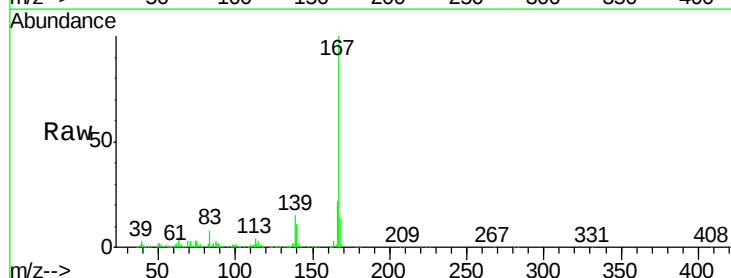
Instrument :
 BNA_G
 ClientSampleId :
 PS-30A(20-25)MSD

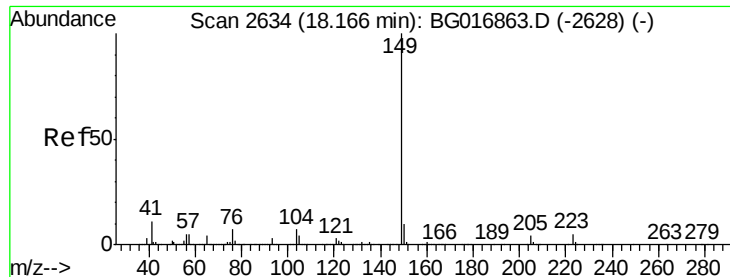
Tgt Ion:178 Resp: 627234
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.2 24.4
 179 14.8 13.1 19.7



#72
 Carbazole
 Concen: 34.17 ng
 RT: 17.56 min Scan# 2531
 Delta R.T. -0.00 min
 Lab File: BG017061.D
 Acq: 11 May 2015 19:46

Tgt Ion:167 Resp: 622679
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.4 27.6
 139 14.8 12.2 18.4





#73

Di-n-butylphthalate

Concen: 33.32 ng

RT: 18.12 min Scan# 2627

Delta R.T. -0.00 min

Lab File: BG017061.D

Acq: 11 May 2015 19:46

Instrument :

BNA_G

ClientSampleId :

PS-30A(20-25)MSD

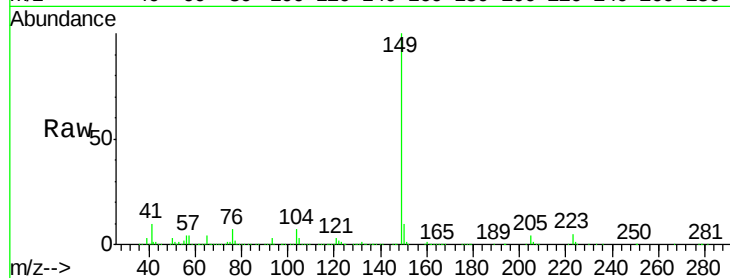
Tgt Ion:149 Resp: 787133

Ion Ratio Lower Upper

149 100

150 9.7 7.7 11.5

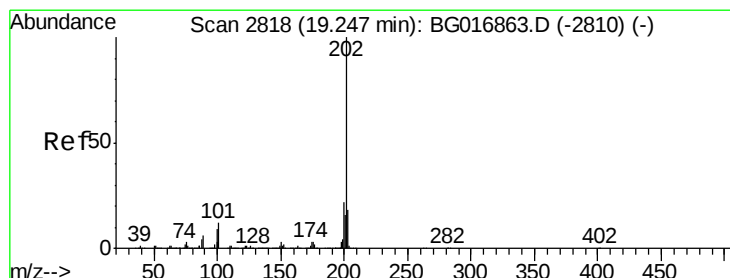
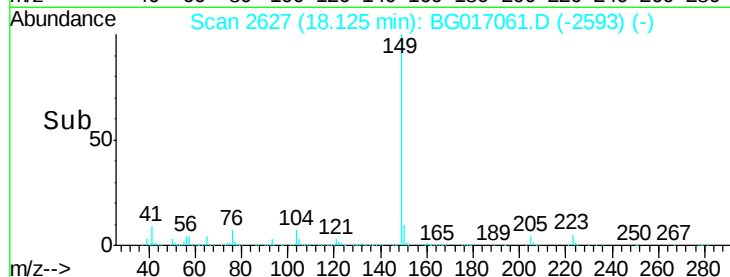
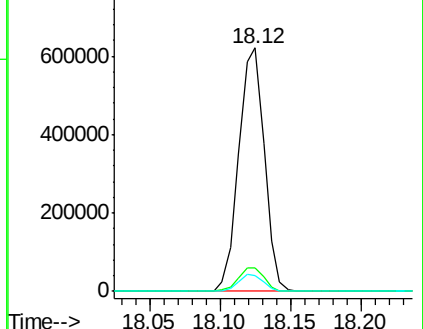
104 6.7 5.4 8.0



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: 33.91 ng

RT: 19.21 min Scan# 2812

Delta R.T. -0.01 min

Lab File: BG017061.D

Acq: 11 May 2015 19:46

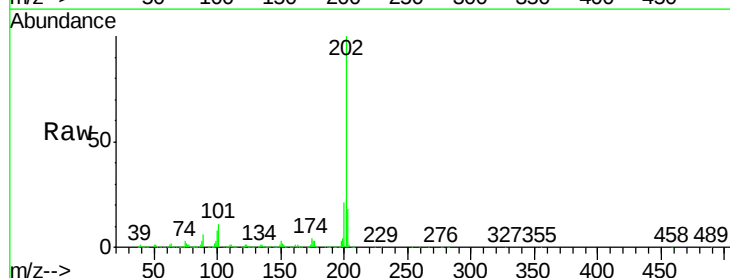
Tgt Ion:202 Resp: 747336

Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.5

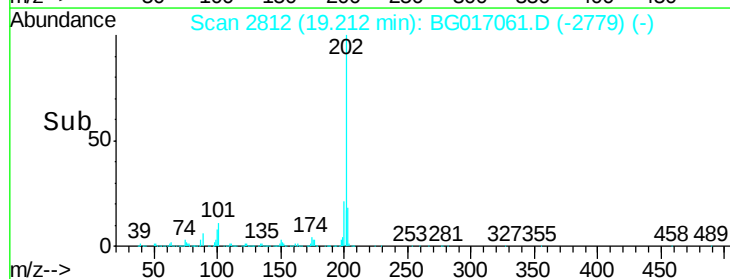
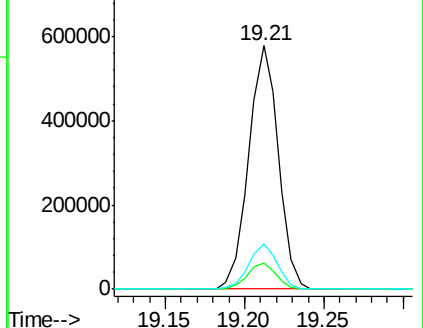
203 18.4 0.0 38.1

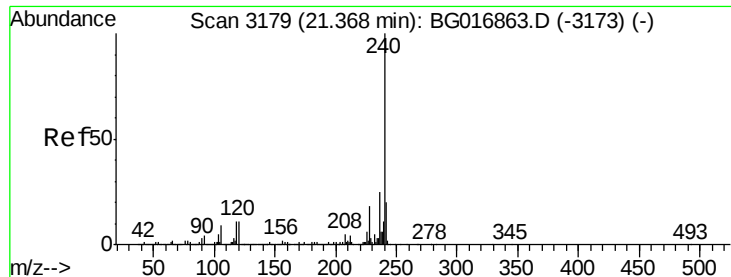


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.33 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG017061.D

Acq: 11 May 2015 19:46

Instrument :

BNA_G

ClientSampleId :

PS-30A(20-25)MSD

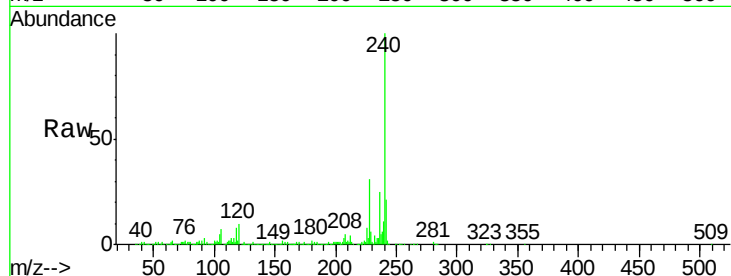
Tgt Ion:240 Resp: 392806

Ion Ratio Lower Upper

240 100

120 10.3 9.1 13.7

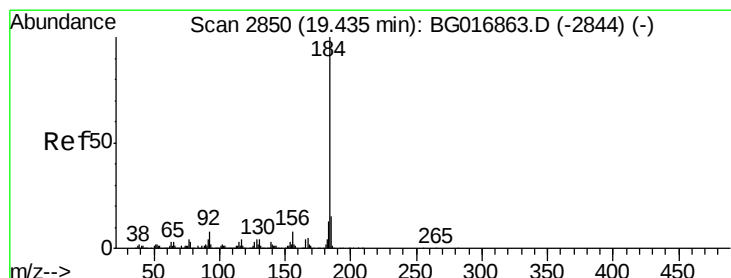
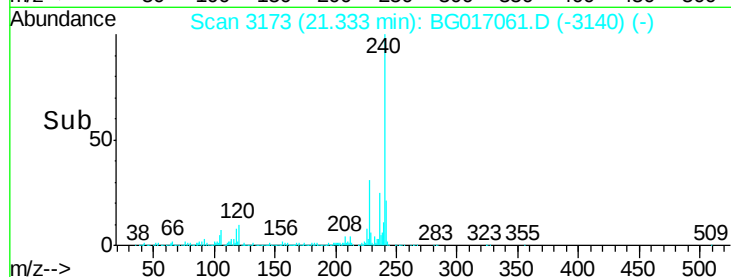
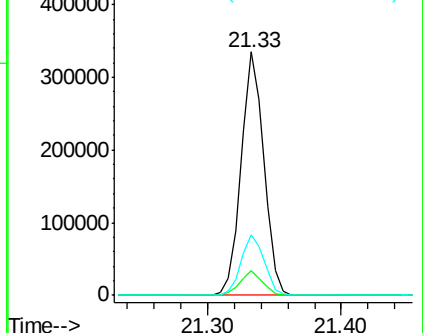
236 24.8 20.2 30.4



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: 41.59 ng

RT: 19.40 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG017061.D

Acq: 11 May 2015 19:46

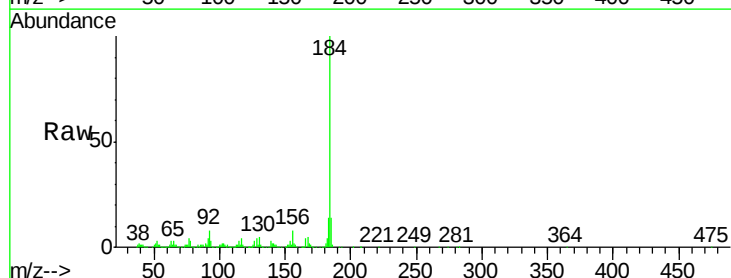
Tgt Ion:184 Resp: 555125

Ion Ratio Lower Upper

184 100

185 14.1 11.8 17.6

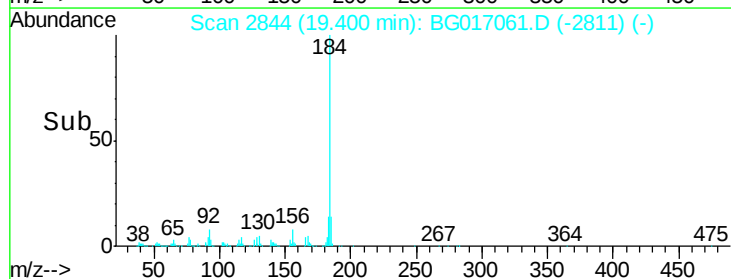
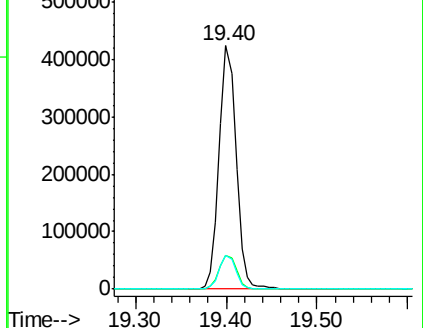
183 13.8 10.6 15.8

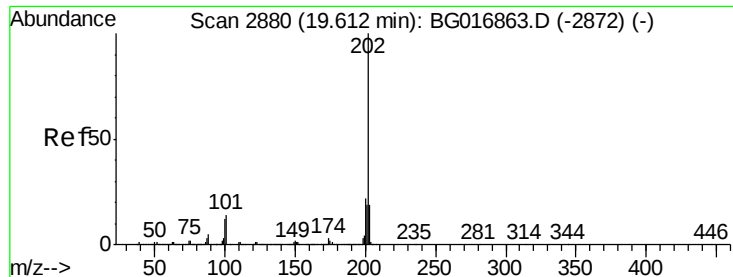


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 32.98 ng

RT: 19.58 min Scan# 2874

Delta R.T. -0.01 min

Lab File: BG017061.D

Acq: 11 May 2015 19:46

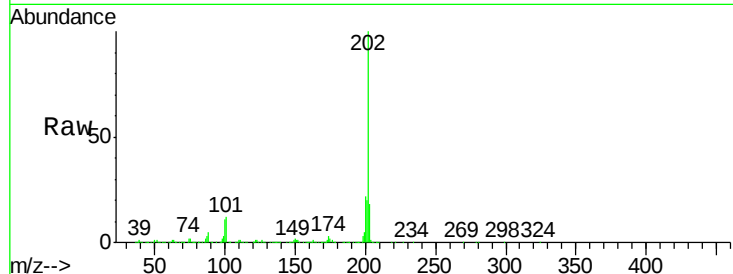
Instrument :

BNA_G

ClientSampleId :

PS-30A(20-25)MSD

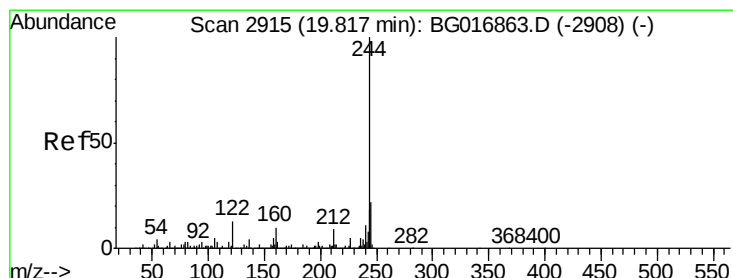
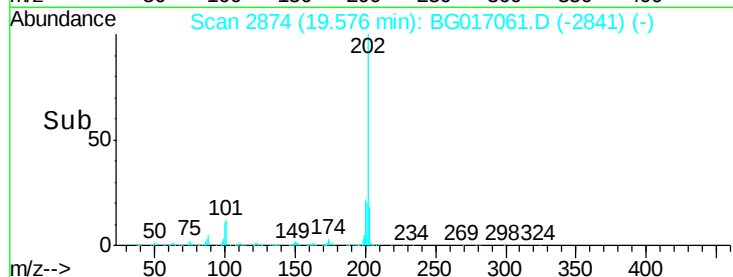
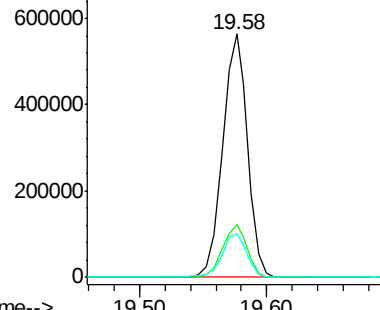
Tgt Ion:	202	Resp:	764570
Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.9	26.9
203	18.1	15.2	22.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 64.66 ng

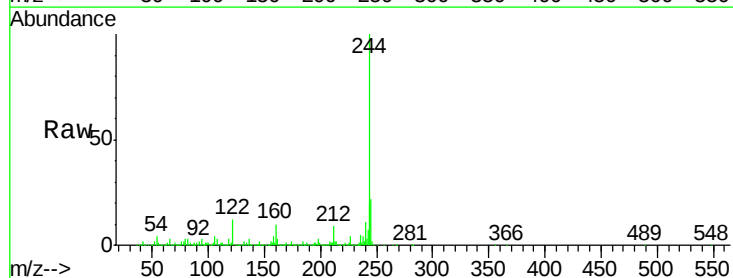
RT: 19.78 min Scan# 2909

Delta R.T. -0.01 min

Lab File: BG017061.D

Acq: 11 May 2015 19:46

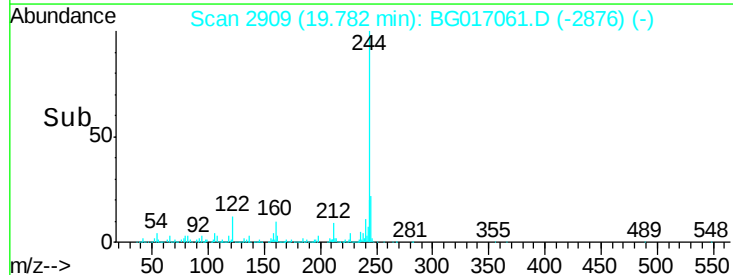
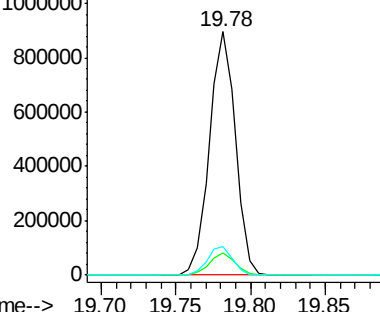
Tgt Ion:	244	Resp:	1083481
Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.6
122	11.9	10.4	15.6

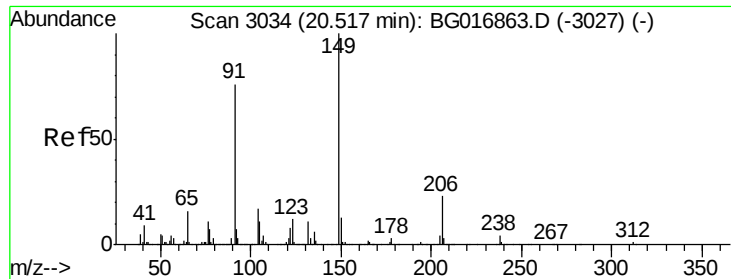


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

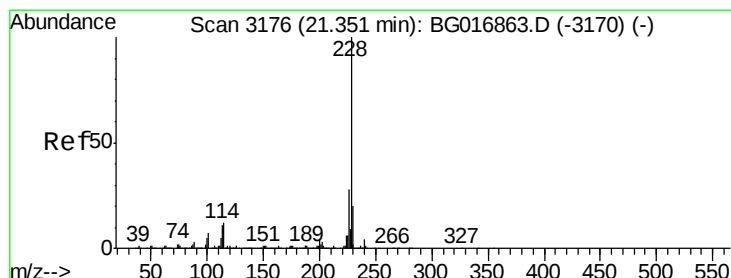
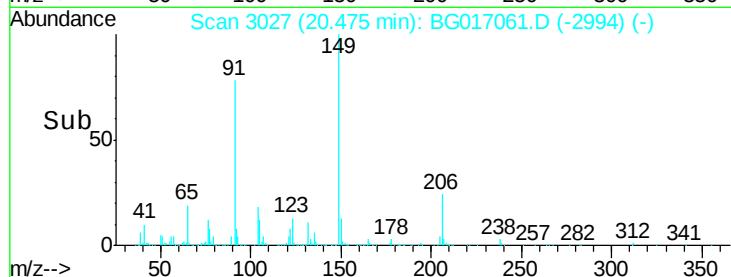
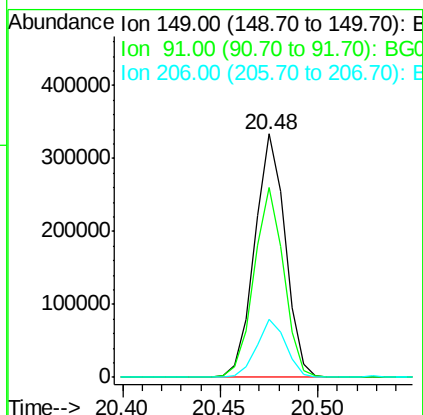
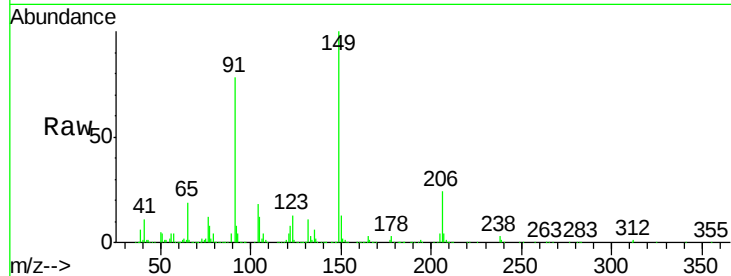




#79
Butylbenzylphthalate
Concen: 32.87 ng
RT: 20.48 min Scan# 3027
Delta R.T. -0.01 min
Lab File: BG017061.D
Acq: 11 May 2015 19:46

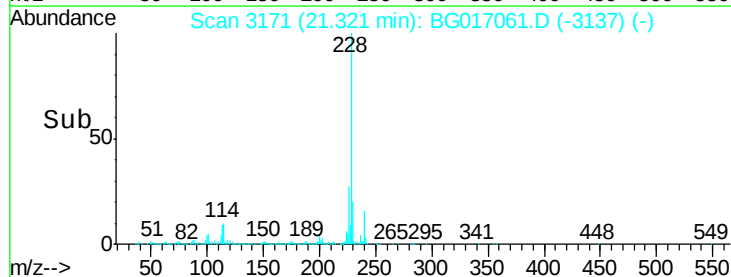
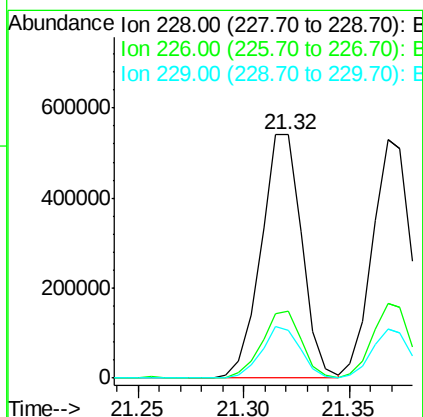
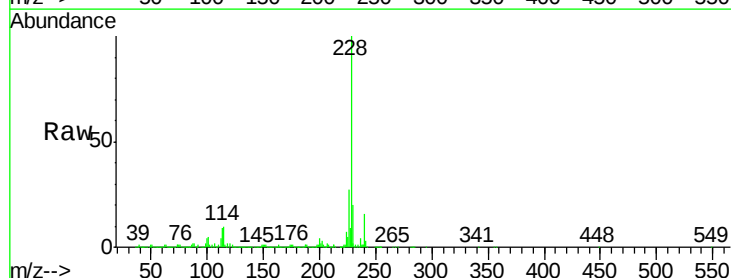
Instrument :
BNA_G
ClientSampleId :
PS-30A(20-25)MSD

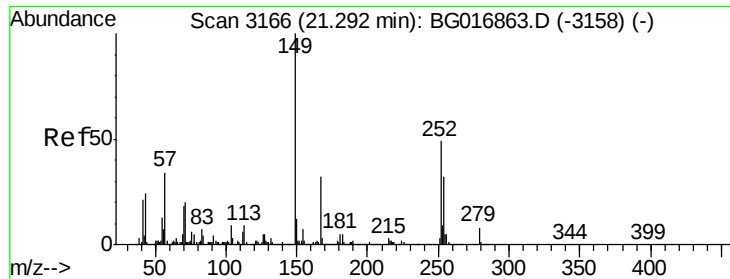
Tgt Ion:149 Resp: 362166
Ion Ratio Lower Upper
149 100
91 78.2 60.6 91.0
206 23.8 18.4 27.6



#80
Benzo(a)anthracene
Concen: 34.44 ng
RT: 21.32 min Scan# 3171
Delta R.T. -0.00 min
Lab File: BG017061.D
Acq: 11 May 2015 19:46

Tgt Ion:228 Resp: 725801
Ion Ratio Lower Upper
228 100
226 27.4 22.7 34.1
229 19.7 16.1 24.1

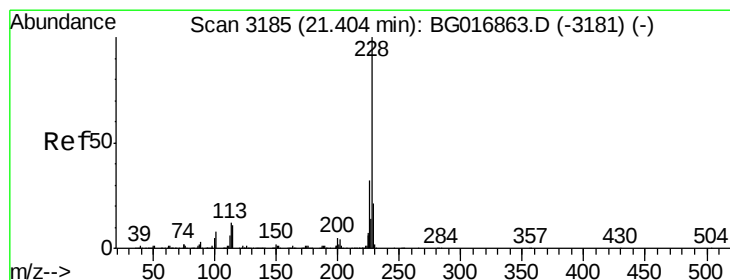
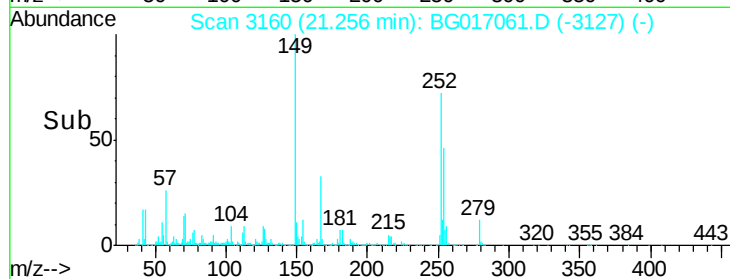
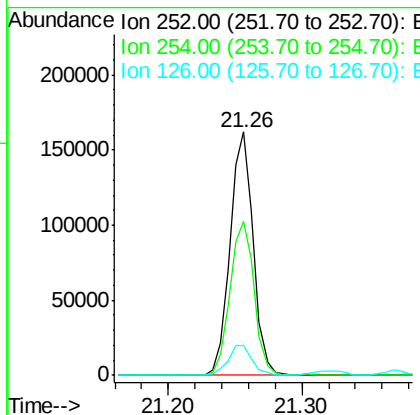
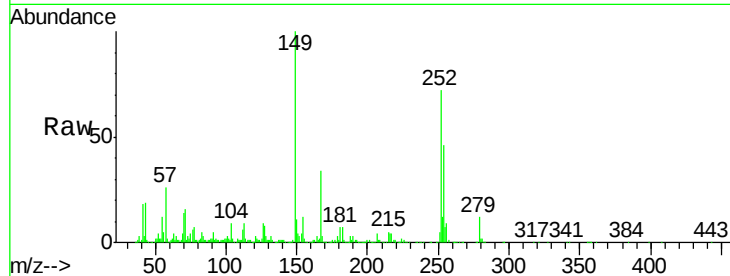




#81
 3,3'-Dichlorobenzidine
 Concen: 23.88 ng
 RT: 21.26 min Scan# 3160
 Delta R.T. -0.01 min
 Lab File: BG017061.D
 Acq: 11 May 2015 19:46

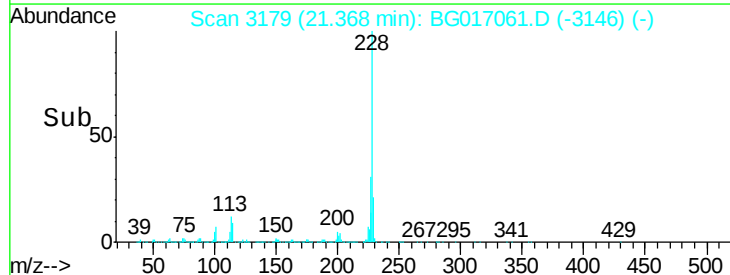
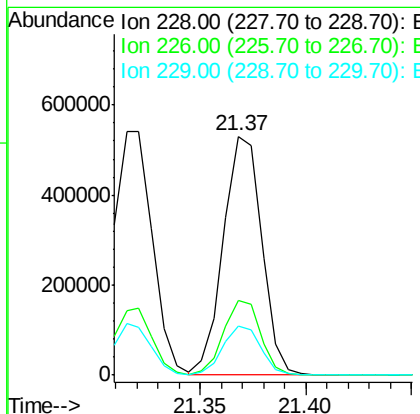
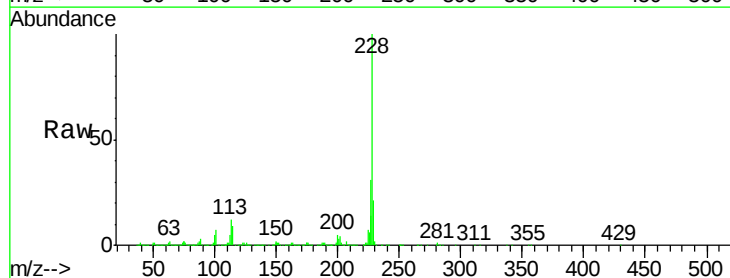
Instrument :
 BNA_G
 ClientSampleId :
 PS-30A(20-25)MSD

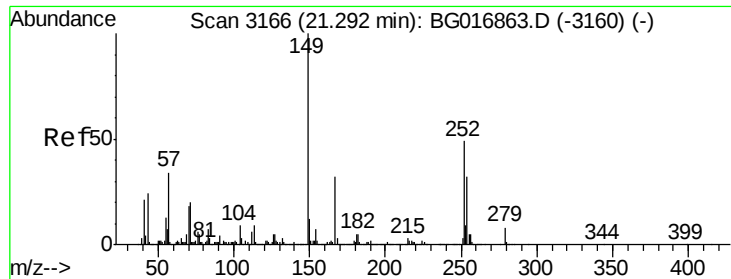
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.4	51.7	77.5
126	12.1	8.9	13.3



#82
 Chrysene
 Concen: 33.81 ng
 RT: 21.37 min Scan# 3179
 Delta R.T. -0.01 min
 Lab File: BG017061.D
 Acq: 11 May 2015 19:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.4	38.0
229	20.6	16.5	24.7

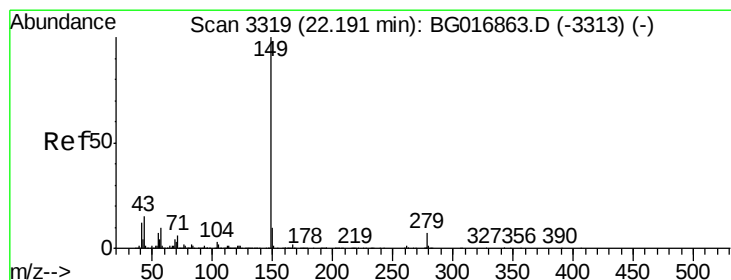
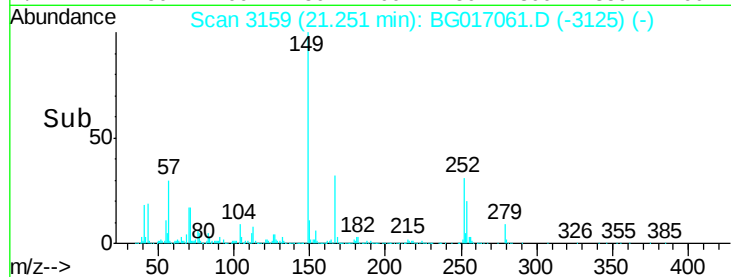
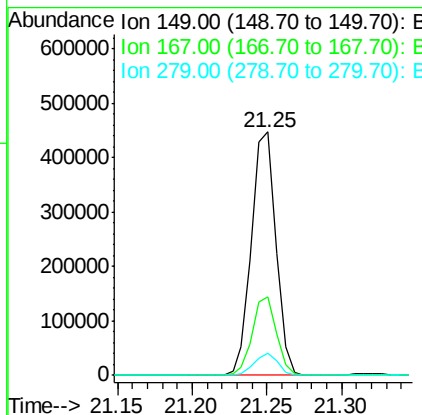
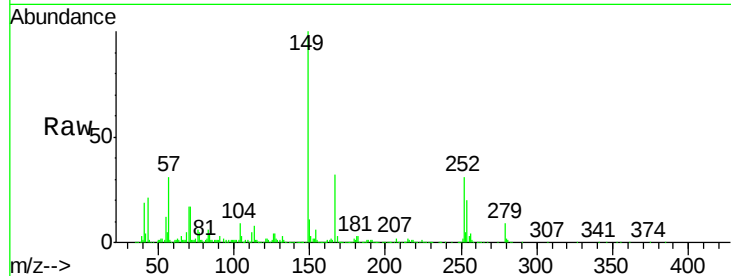




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.48 ng
 RT: 21.25 min Scan# 3159
 Delta R.T. -0.00 min
 Lab File: BG017061.D
 Acq: 11 May 2015 19:46

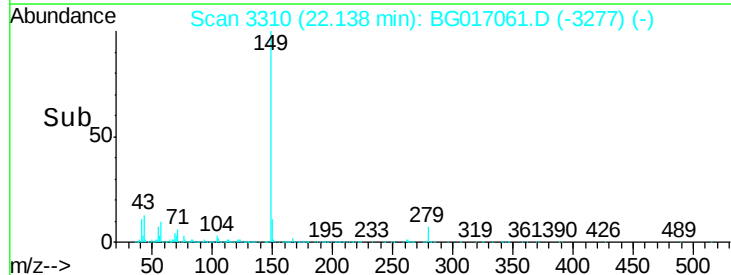
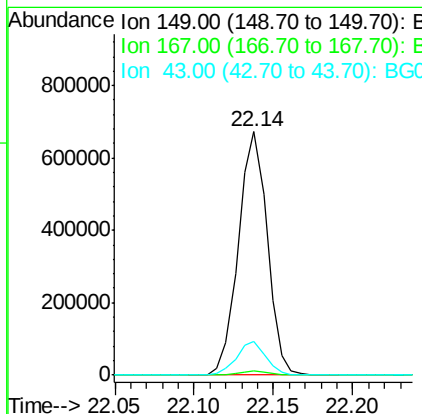
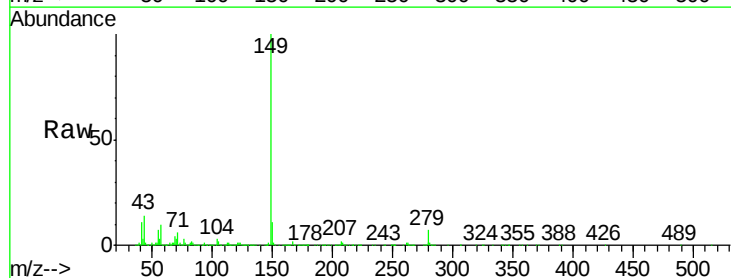
Instrument :
 BNA_G
 ClientSampleId :
 PS-30A(20-25)MSD

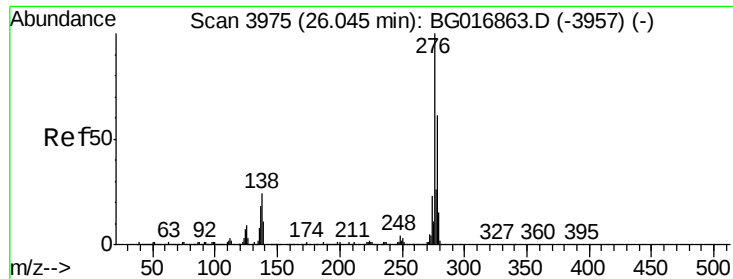
Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.4	25.4	38.0
279	9.0	6.4	9.6



#84
 Di-n-octyl phthalate
 Concen: 33.36 ng
 RT: 22.14 min Scan# 3310
 Delta R.T. -0.01 min
 Lab File: BG017061.D
 Acq: 11 May 2015 19:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	0.0	0.0#
43	13.5	0.0	0.0#





#85

Indeno(1,2,3-cd)pyrene

Concen: 33.59 ng

RT: 25.97 min Scan# 3962

Delta R.T. -0.02 min

Lab File: BG017061.D

Acq: 11 May 2015 19:46

Instrument :

BNA_G

ClientSampleId :

PS-30A(20-25)MSD

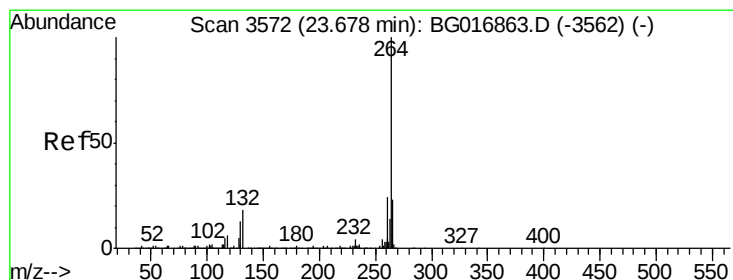
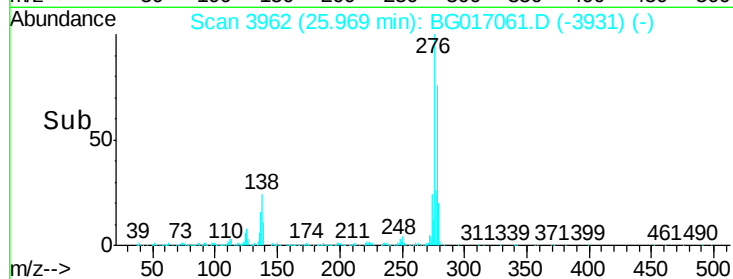
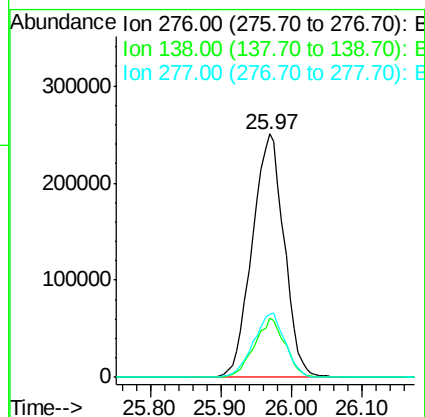
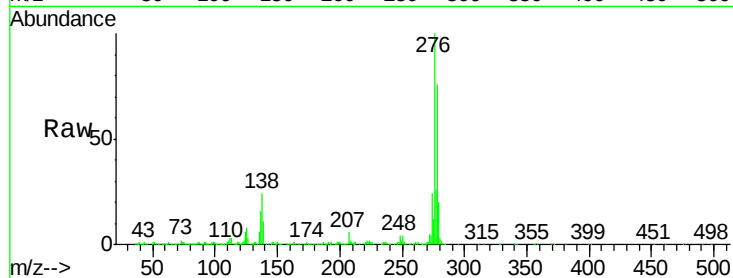
Tgt Ion:276 Resp: 790080

Ion Ratio Lower Upper

276 100

138 23.4 0.0 0.0#

277 26.2 0.0 0.0#



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.62 min Scan# 3562

Delta R.T. -0.01 min

Lab File: BG017061.D

Acq: 11 May 2015 19:46

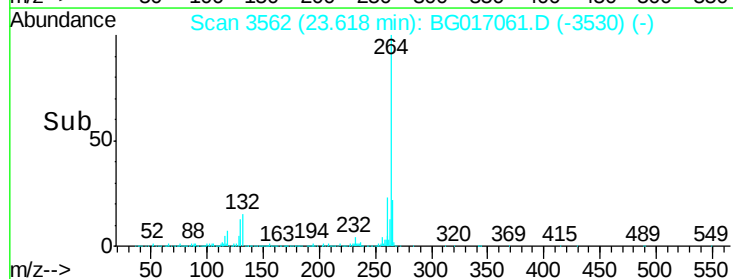
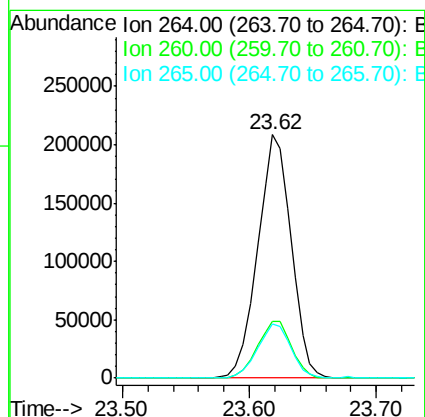
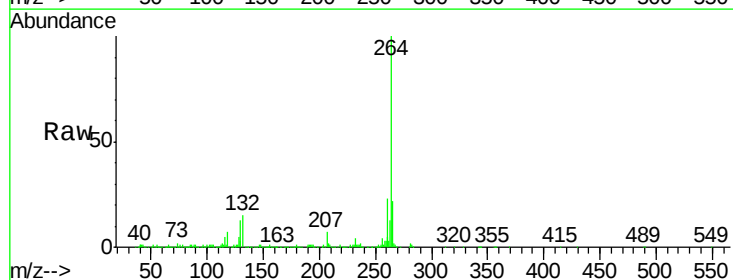
Tgt Ion:264 Resp: 381900

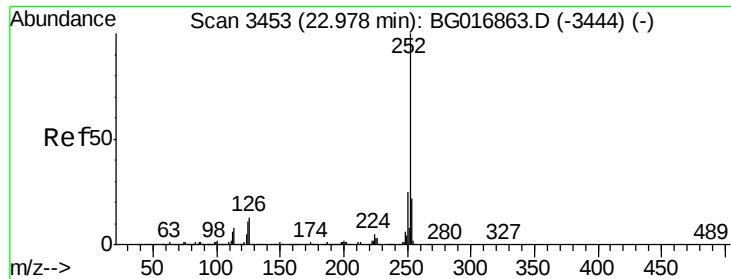
Ion Ratio Lower Upper

264 100

260 23.1 19.5 29.3

265 22.4 18.5 27.7





#87

Benzo(b)fluoranthene

Concen: 32.87 ng

RT: 22.93 min Scan# 3445

Delta R.T. -0.01 min

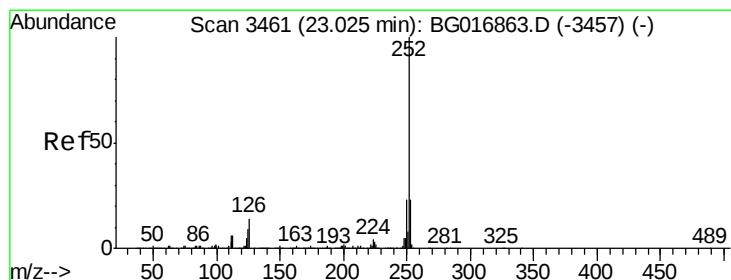
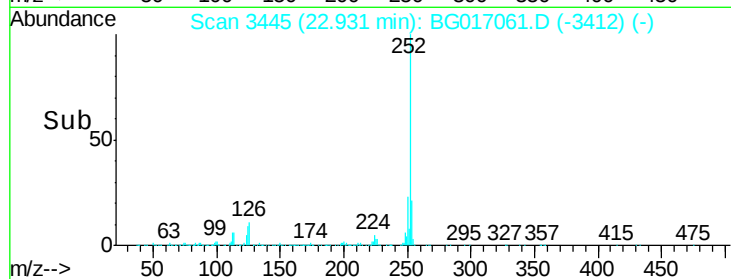
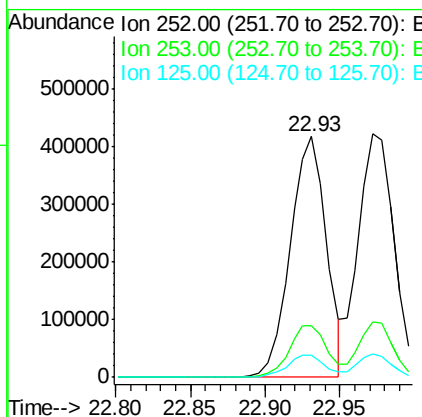
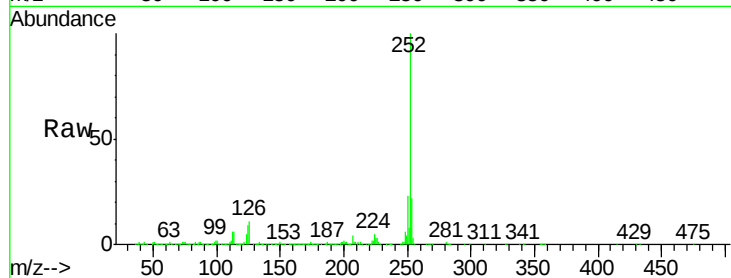
Lab File: BG017061.D

Acq: 11 May 2015 19:46

Instrument :
BNA_G
ClientSampleId :
PS-30A(20-25)MSD

Tgt Ion:252 Resp: 699389

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.0
125	9.4	8.6	13.0



#88

Benzo(k)fluoranthene

Concen: 33.80 ng

RT: 22.97 min Scan# 3452

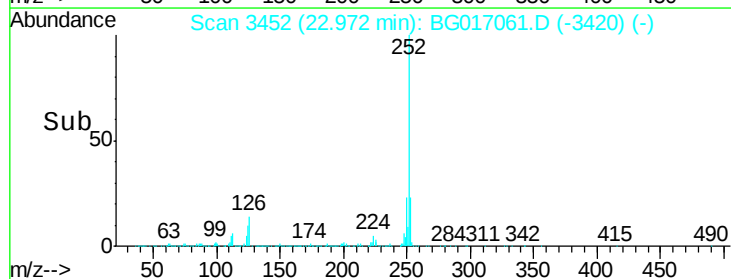
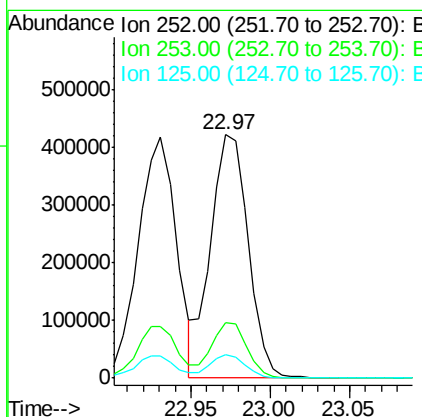
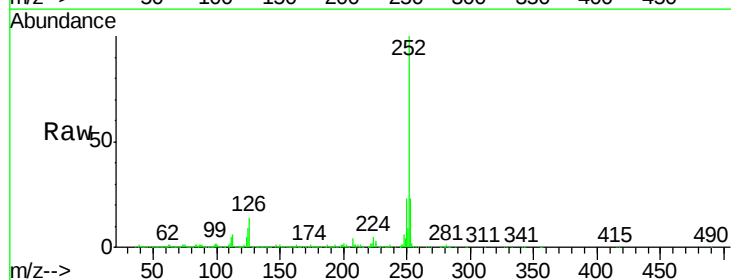
Delta R.T. -0.01 min

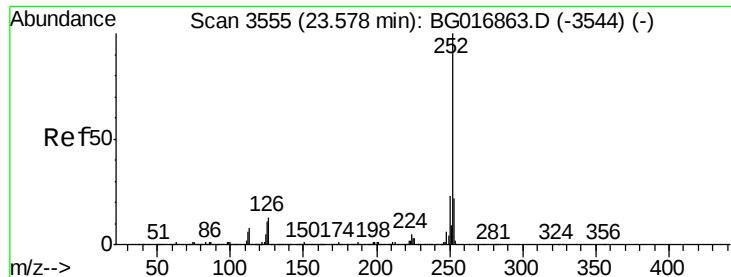
Lab File: BG017061.D

Acq: 11 May 2015 19:46

Tgt Ion:252 Resp: 691707

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	9.5	7.9	11.9





#89

Benzo(a)pyrene

Concen: 34.35 ng

RT: 23.52 min Scan# 3545

Delta R.T. -0.01 min

Lab File: BG017061.D

Acq: 11 May 2015 19:46

Instrument :

BNA_G

ClientSampleId :

PS-30A(20-25)MSD

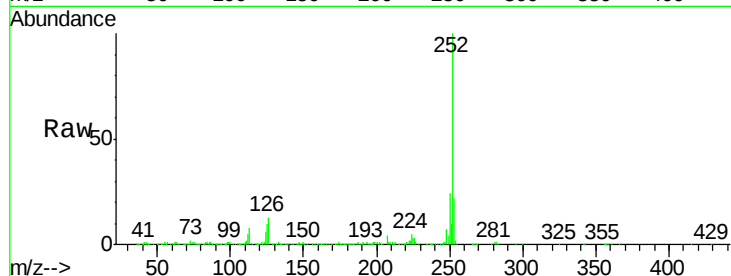
Tgt Ion:252 Resp: 681522

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

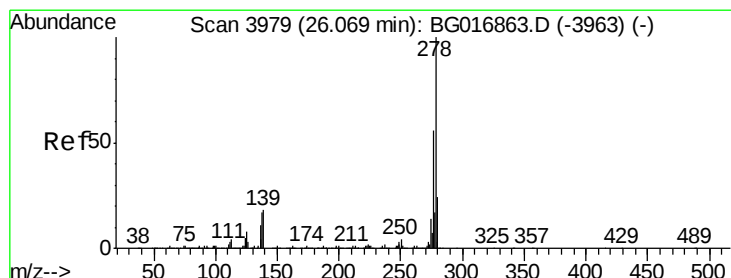
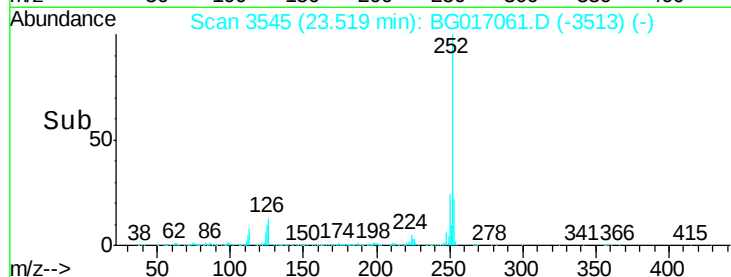
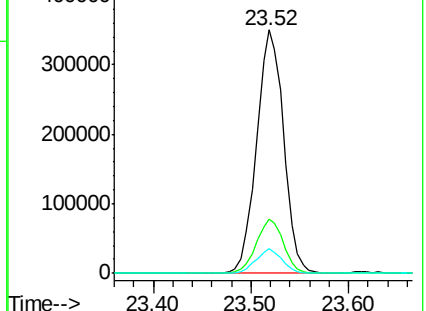
125 10.0 8.5 12.7



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: 32.70 ng

RT: 25.99 min Scan# 3965

Delta R.T. -0.02 min

Lab File: BG017061.D

Acq: 11 May 2015 19:46

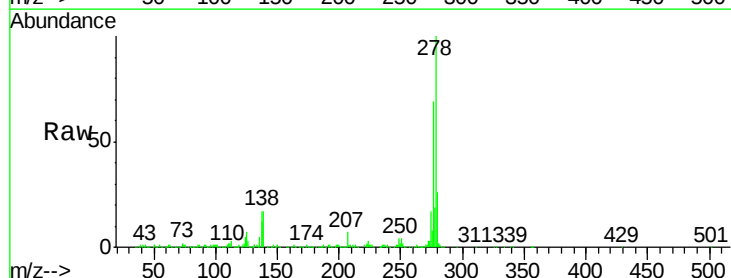
Tgt Ion:278 Resp: 662725

Ion Ratio Lower Upper

278 100

139 17.0 14.2 21.2

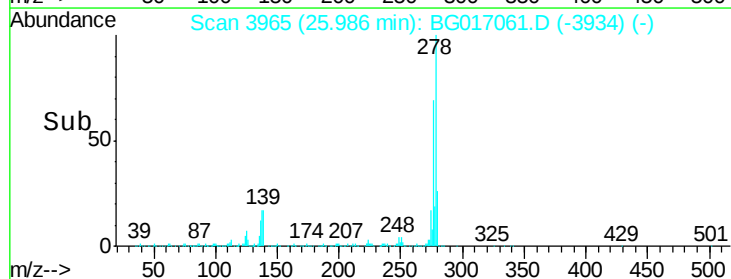
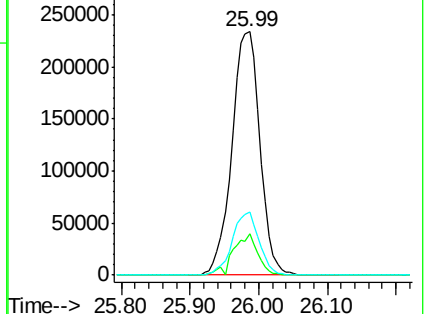
279 25.7 18.9 28.3

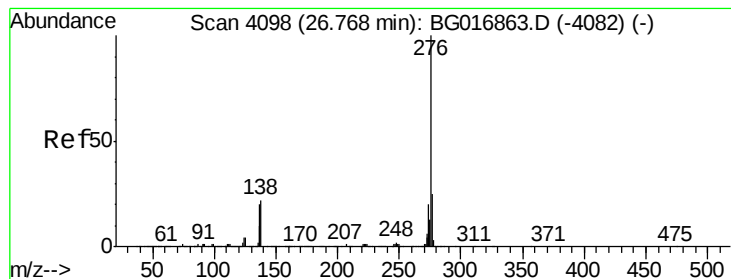


Abundance Ion 278.00 (277.70 to 278.70): E

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: 32.95 ng

RT: 26.69 min Scan# 4085

Delta R.T. -0.02 min

Lab File: BG017061.D

Acq: 11 May 2015 19:46

Instrument :

BNA_G

ClientSampleId :

PS-30A(20-25)MSD

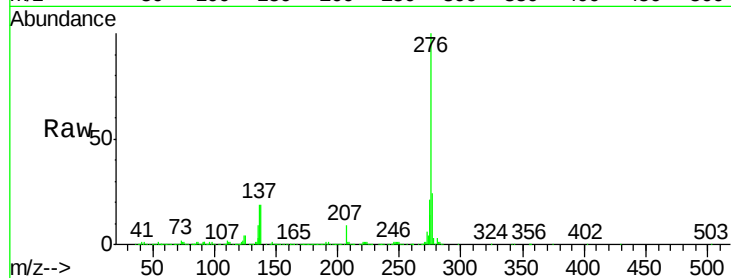
Tgt Ion: 276 Resp: 635800

Ion Ratio Lower Upper

276 100

277 24.1 19.6 29.4

138 18.6 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

