

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050615\
 Data File : BG016906.D
 Acq On : 6 May 2015 19:03
 Operator : TP/IZ
 Sample : PB83058BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83058BSD

Quant Time: May 07 04:20:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 07 03:57:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	73787	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	320817	20.00	ng	0.00
38) Acenaphthene-d10	14.44	164	214391	20.00	ng	0.00
63) Phenanthrene-d10	17.18	188	472314	20.00	ng	0.00
75) Chrysene-d12	21.36	240	475115	20.00	ng	0.00
86) Perylene-d12	23.66	264	460414	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	514448	121.40	ng	0.00
7) Phenol-d6	6.97	99	703948	116.27	ng	0.00
23) Nitrobenzene-d5	8.96	82	449841	68.50	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	253523	117.79	ng	0.00
44) 2-Fluorobiphenyl	13.06	172	910691	64.10	ng	0.00
78) Terphenyl-d14	19.81	244	1404400	69.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	50958	28.69	ng	# 6
3) Pyridine	3.68	79	159109	28.98	ng	98
4) n-Nitrosodimethylamine	3.61	42	109853	33.52	ng	# 95
6) Aniline	7.13	93	190019	22.35	ng	98
8) 2-Chlorophenol	7.37	128	177321	36.12	ng	99
9) Benzaldehyde	6.94	77	71124	14.56	ng	95
10) Phenol	7.00	94	244156	37.61	ng	98
11) bis(2-Chloroethyl)ether	7.23	93	171040	34.07	ng	96
12) 1,3-Dichlorobenzene	7.69	146	173400	32.03	ng	96
13) 1,4-Dichlorobenzene	7.84	146	177545	32.38	ng	95
14) 1,2-Dichlorobenzene	8.15	146	164025	31.17	ng	# 87
15) Benzyl Alcohol	8.04	79	186730	33.77	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.34	45	310796	33.45	ng	99
17) 2-Methylphenol	8.24	107	169010	36.97	ng	96
18) Hexachloroethane	8.88	117	72647	32.23	ng	93
19) n-Nitroso-di-n-propylamine	8.61	70	165518	31.18	ng	94
20) 3+4-Methylphenols	8.56	107	227598	36.13	ng	95
22) Acetophenone	8.62	105	265406	34.73	ng	# 96
24) Nitrobenzene	9.00	77	227495	34.30	ng	97
25) Isophorone	9.52	82	428589	32.32	ng	99
26) 2-Nitrophenol	9.70	139	94514	35.00	ng	98
27) 2,4-Dimethylphenol	9.77	122	182530	37.35	ng	95
28) bis(2-Chloroethoxy)methane	10.01	93	231567	34.60	ng	98
29) 2,4-Dichlorophenol	10.24	162	173836	37.65	ng	97
30) 1,2,4-Trichlorobenzene	10.46	180	159408	32.56	ng	96
31) Naphthalene	10.64	128	521980	32.71	ng	99
32) Benzoic acid	9.89	122	118456	41.96	ng	97
33) 4-Chloroaniline	10.75	127	127447	17.29	ng	96
34) Hexachlorobutadiene	10.93	225	97233	31.73	ng	99
35) Caprolactam	11.56	113	37023	15.44	ng	97
36) 4-Chloro-3-methylphenol	11.88	107	225460	38.14	ng	96
37) 2-Methylnaphthalene	12.25	142	402839	33.14	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.62	216	183057	31.59	ng	# 100
40) Hexachlorocyclopentadiene	12.61	237	239510	63.99	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.87	196	136645	33.27	ng	91
43) 2,4,5-Trichlorophenol	12.94	196	152086	34.89	ng	96
45) 1,1'-Biphenyl	13.27	154	514272	33.50	ng	99
46) 2-Chloronaphthalene	13.31	162	400265	32.92	ng	96
47) 2-Nitroaniline	13.52	65	164841	38.95	ng	98
48) Acenaphthylene	14.16	152	692460	32.71	ng	100
49) Dimethylphthalate	13.90	163	539571	33.70	ng	99
50) 2,6-Dinitrotoluene	14.02	165	120617	36.29	ng	# 83
51) Acenaphthene	14.51	154	413023	32.78	ng	97
52) 3-Nitroaniline	14.34	138	96166	25.43	ng	93
53) 2,4-Dinitrophenol	14.55	184	128506	84.53	ng	# 85
54) Dibenzofuran	14.84	168	622413	34.79	ng	96
55) 4-Nitrophenol	14.65	139	243290	75.88	ng	96
56) 2,4-Dinitrotoluene	14.80	165	172128	40.48	ng	94
57) Fluorene	15.49	166	542512	34.25	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.06	232	135139	35.92	ng	# 76
59) Diethylphthalate	15.27	149	586144	34.68	ng	98
60) 4-Chlorophenyl-phenylether	15.49	204	266850	33.53	ng	97
61) 4-Nitroaniline	15.51	138	147917	33.74	ng	96
62) Azobenzene	15.77	77	652999	37.31	ng	96
64) 4,6-Dinitro-2-methylphenol	15.56	198	88181	37.65	ng	94
65) n-Nitrosodiphenylamine	15.70	169	476974	33.08	ng	97
66) 4-Bromophenyl-phenylether	16.38	248	161411	34.05	ng	99
67) Hexachlorobenzene	16.49	284	173220	34.65	ng	97
68) Atrazine	16.65	200	186990	36.04	ng	98
69) Pentachlorophenol	16.83	266	233820	72.04	ng	99
70) Phenanthrene	17.23	178	806185	33.17	ng	99
71) Anthracene	17.31	178	836703	34.12	ng	98
72) Carbazole	17.58	167	803143	34.45	ng	99
73) Di-n-butylphthalate	18.15	149	1036184	34.29	ng	100
74) Fluoranthene	19.24	202	942302	33.41	ng	99
76) Benzidine	19.43	184	328092	20.32	ng	98
77) Pyrene	19.61	202	961485	34.29	ng	99
79) Butylbenzylphthalate	20.50	149	465476	34.93	ng	96
80) Benzo(a)anthracene	21.34	228	880601	34.55	ng	100
81) 3,3'-Dichlorobenzidine	21.28	252	236355	23.75	ng	# 97
82) Chrysene	21.40	228	833577	34.92	ng	97
83) Bis(2-ethylhexyl)phthalate	21.28	149	646320	35.45	ng	98
84) Di-n-octyl phthalate	22.18	149	1087462	35.51	ng	# 100
85) Indeno(1,2,3-cd)pyrene	26.03	276	987658	34.72	ng	# 100
87) Benzo(b)fluoranthene	22.97	252	902469	35.19	ng	98
88) Benzo(k)fluoranthene	23.01	252	863743	35.01	ng	98
89) Benzo(a)pyrene	23.57	252	858589	35.90	ng	98
90) Dibenzo(a,h)anthracene	26.04	278	847997	34.71	ng	98
91) Benzo(g,h,i)perylene	26.76	276	802888	34.51	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.80 min Scan# 870

Delta R.T. -0.00 min

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PB83058BSD

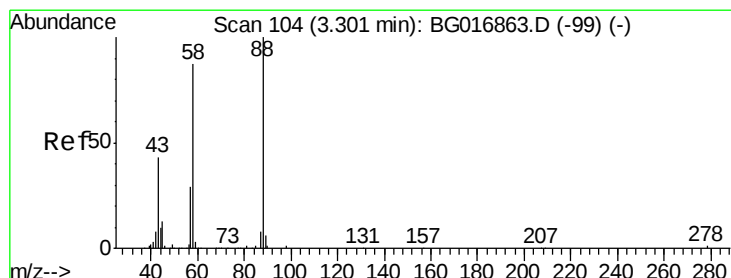
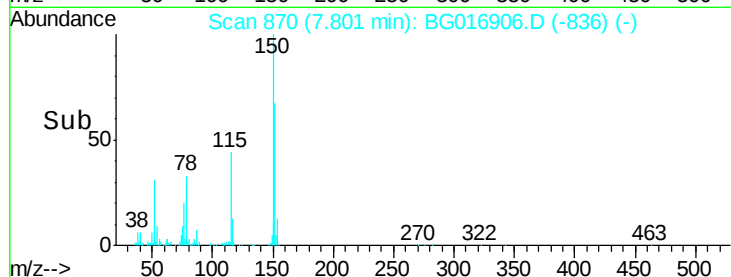
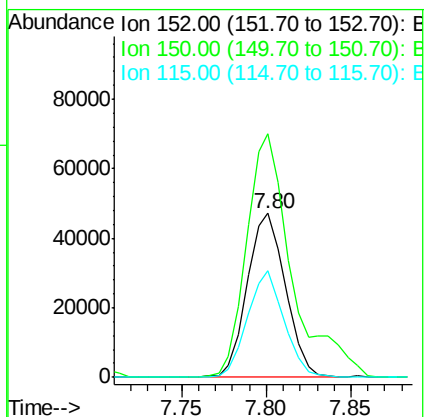
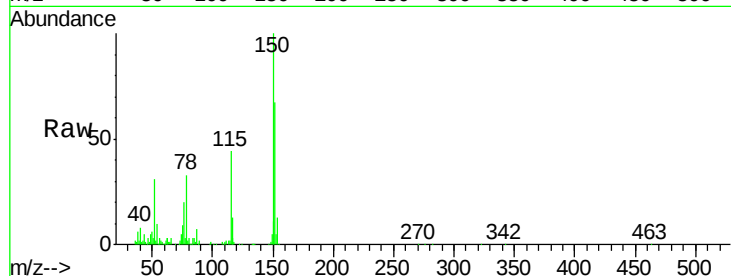
Tgt Ion:152 Resp: 73787

Ion Ratio Lower Upper

152 100

150 148.6 121.0 181.4

115 65.5 50.5 75.7



#2

1,4-Dioxane

Concen: 28.69 ng

RT: 3.29 min Scan# 103

Delta R.T. -0.01 min

Lab File: BG016906.D

Acq: 6 May 2015 19:03

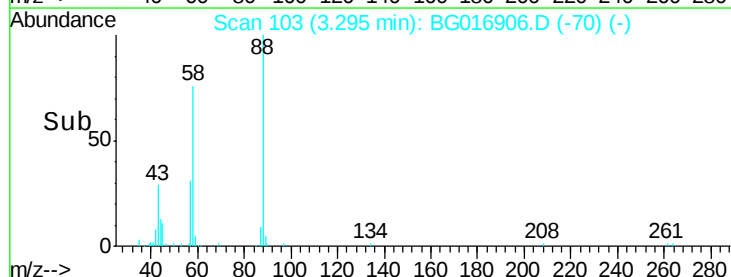
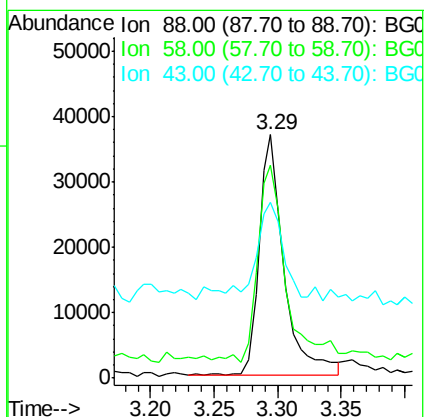
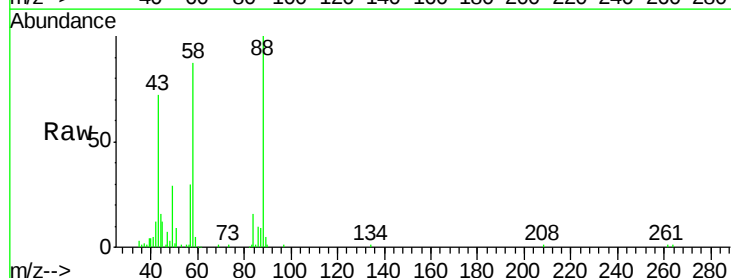
Tgt Ion: 88 Resp: 50958

Ion Ratio Lower Upper

88 100

58 89.3 0.1 0.1#

43 38.0 1.3 1.9#





#3

Pyridine

Concen: 28.98 ng

RT: 3.68 min Scan# 169

Delta R.T. -0.01 min

Lab File: BG016906.D

Acq: 6 May 2015 19:03

Instrument :

BNA_G

ClientSampleId :

PB83058BSD

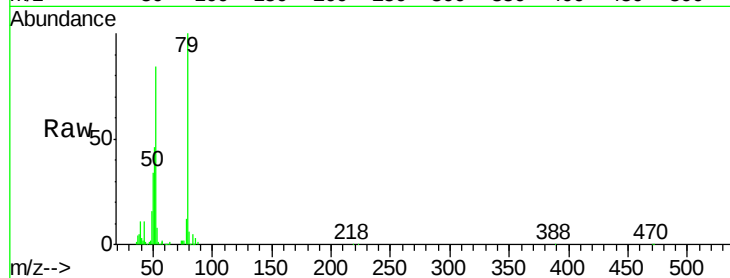
Tgt Ion: 79 Resp: 159109

Ion Ratio Lower Upper

79 100

52 84.0 68.5 102.7

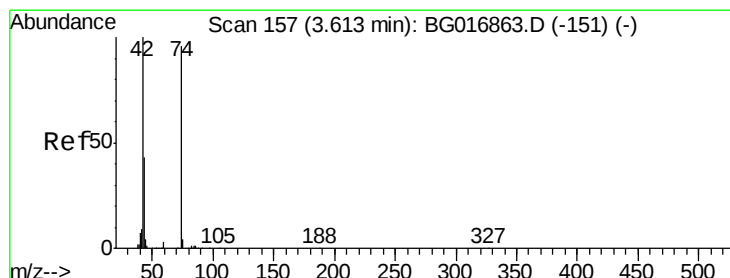
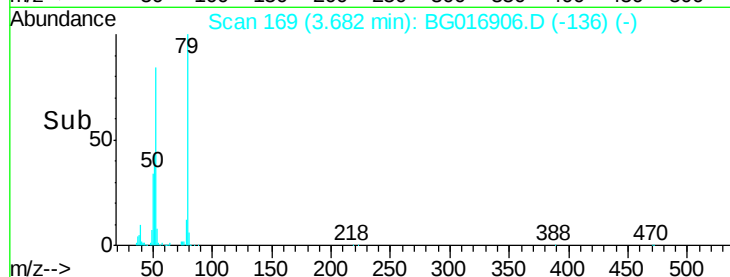
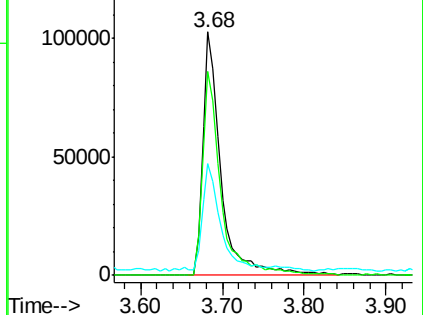
51 46.0 37.8 56.8



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 33.52 ng

RT: 3.61 min Scan# 156

Delta R.T. -0.00 min

Lab File: BG016906.D

Acq: 6 May 2015 19:03

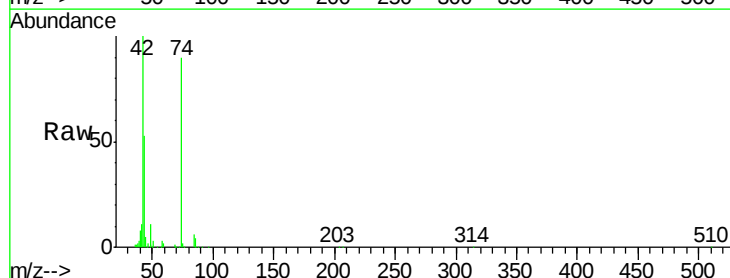
Tgt Ion: 42 Resp: 109853

Ion Ratio Lower Upper

42 100

74 90.2 76.2 114.2

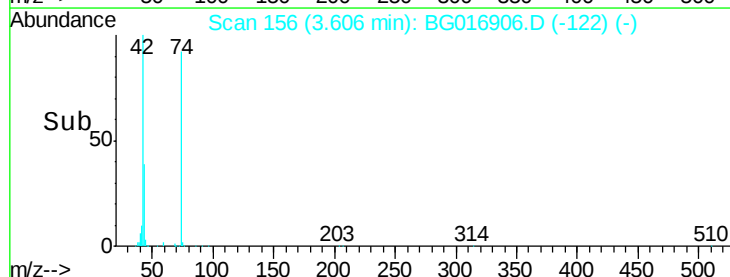
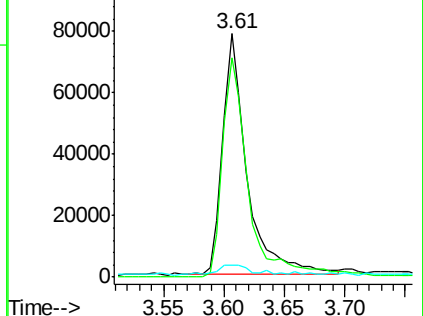
44 4.8 4.9 7.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 121.40 ng

RT: 5.39 min Scan# 459

Delta R.T. 0.01 min

Lab File: BG016906.D

Acq: 6 May 2015 19:03

Instrument :

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ClientSampleId :

PB83058BSD

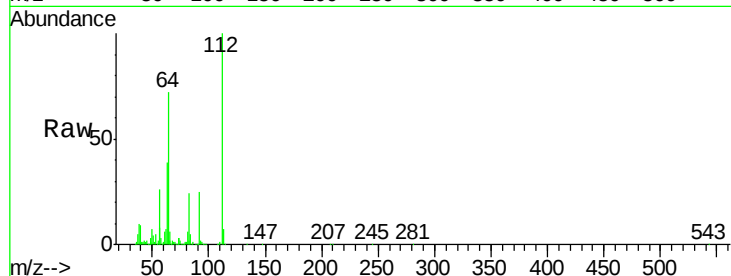
Tgt Ion:112 Resp: 514448

Ion Ratio Lower Upper

112 100

64 72.0 51.4 77.2

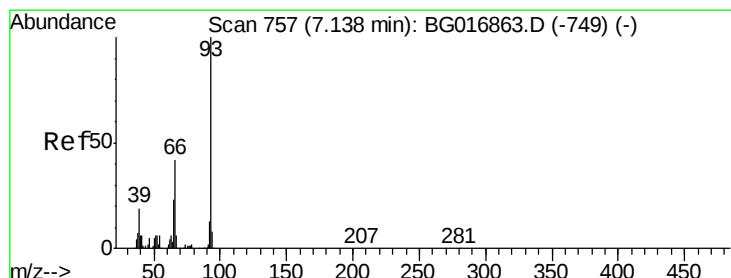
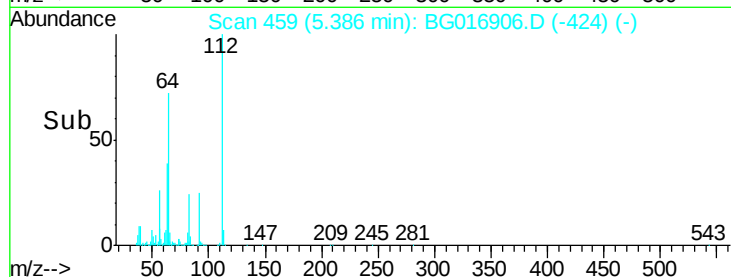
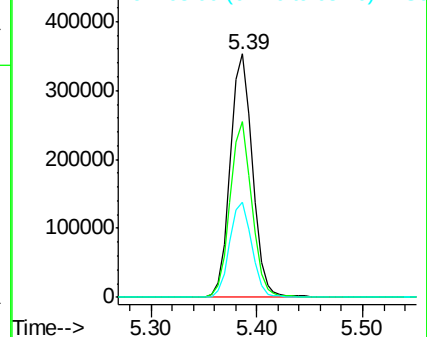
63 39.2 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 22.35 ng

RT: 7.13 min Scan# 755

Delta R.T. -0.01 min

Lab File: BG016906.D

Acq: 6 May 2015 19:03

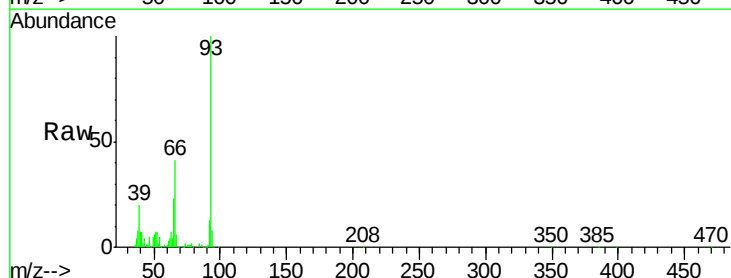
Tgt Ion: 93 Resp: 190019

Ion Ratio Lower Upper

93 100

66 41.0 33.8 50.6

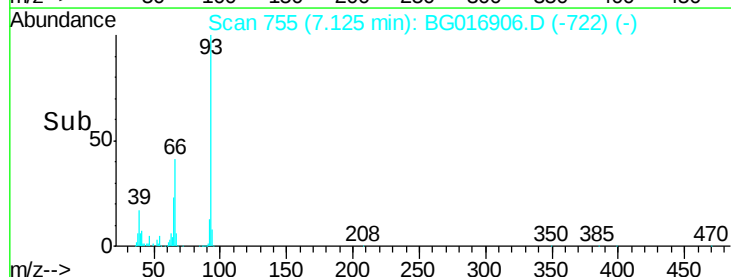
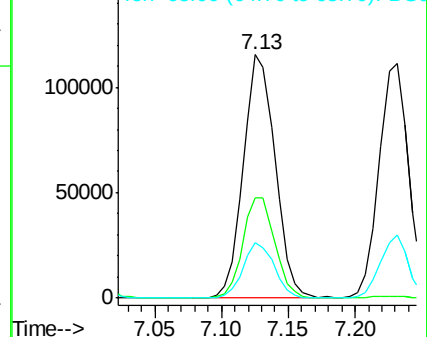
65 22.8 18.7 28.1

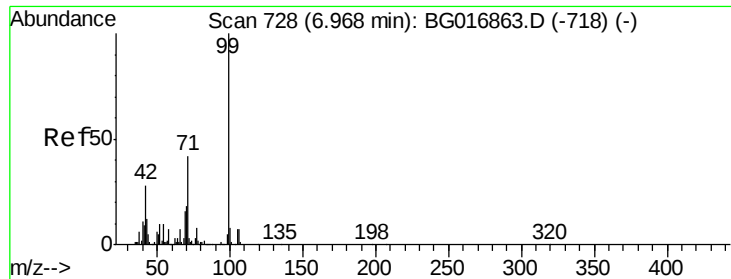


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 116.27 ng

RT: 6.97 min Scan# 729

Delta R.T. 0.01 min

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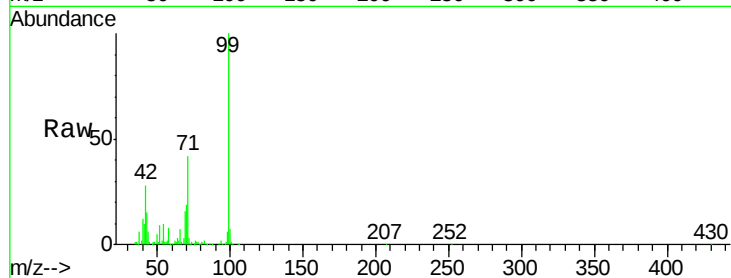
Tgt Ion: 99 Resp: 703948

Ion Ratio Lower Upper

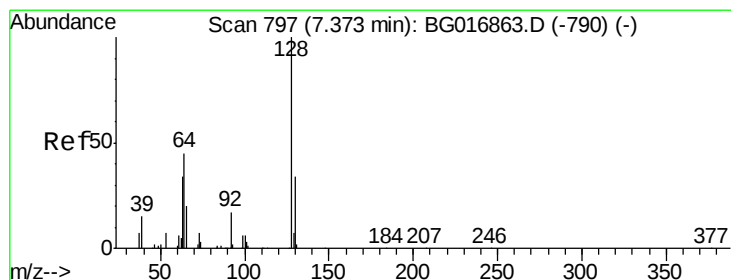
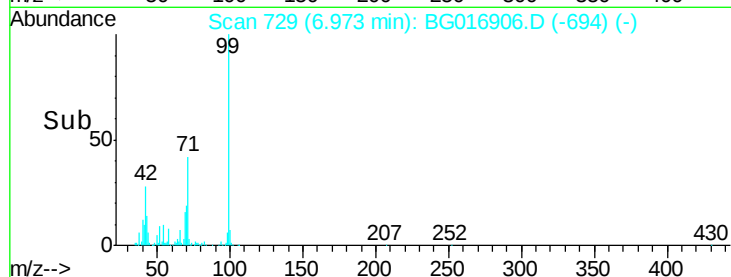
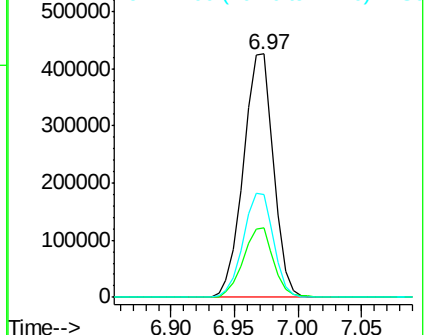
99 100

42 28.5 22.1 33.1

71 42.2 33.4 50.0



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 36.12 ng

RT: 7.37 min Scan# 796

Delta R.T. -0.00 min

Lab File: BG016906.D

Acq: 6 May 2015 19:03

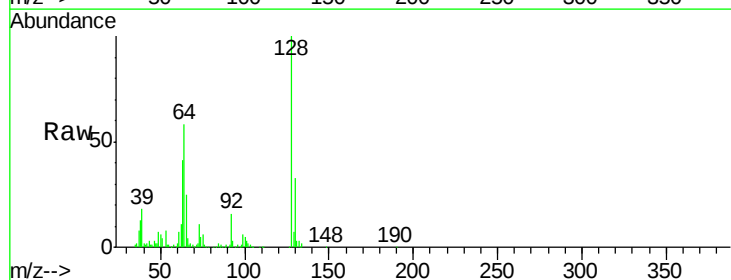
Tgt Ion: 128 Resp: 177321

Ion Ratio Lower Upper

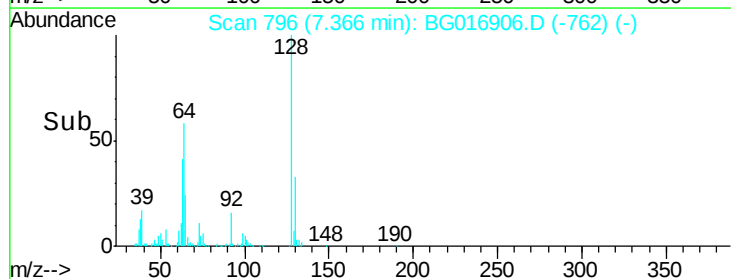
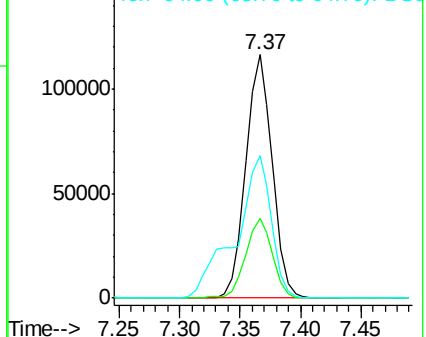
128 100

130 32.9 14.4 54.4

64 58.4 38.4 78.4



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





#9

Benzaldehyde

Concen: 14.56 ng

RT: 6.94 min Scan# 724

Delta R.T. -0.00 min

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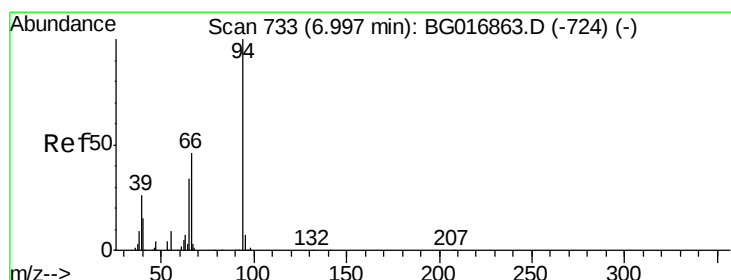
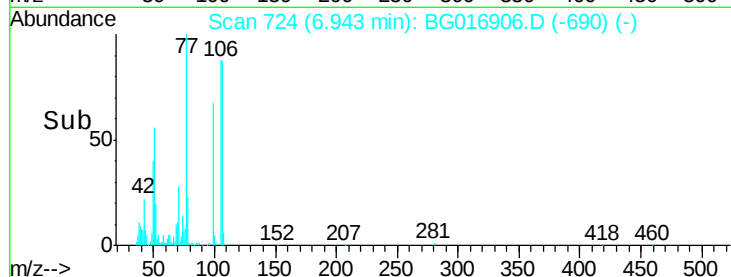
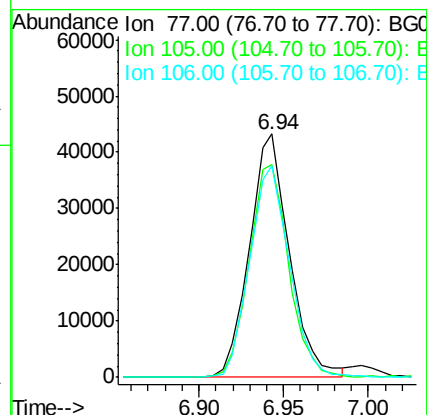
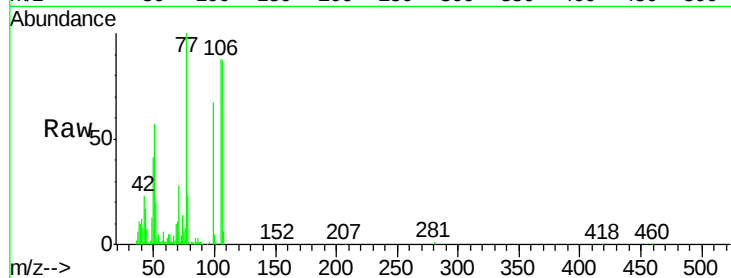
Tgt Ion: 77 Resp: 71124

Ion Ratio Lower Upper

77 100

105 87.6 71.6 111.6

106 86.9 71.5 111.5



#10

Phenol

Concen: 37.61 ng

RT: 7.00 min Scan# 733

Delta R.T. 0.01 min

Lab File: BG016906.D

Acq: 6 May 2015 19:03

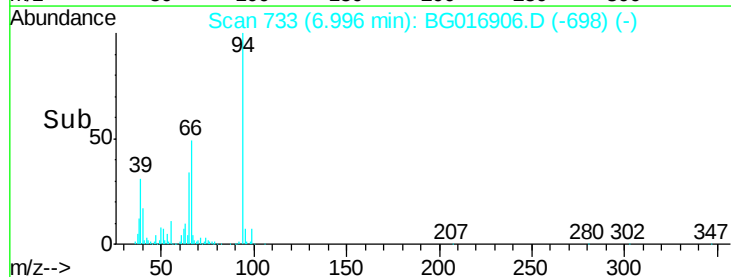
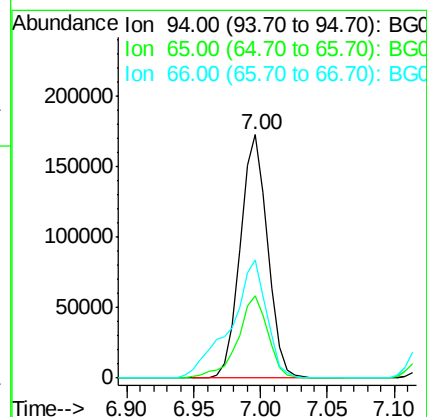
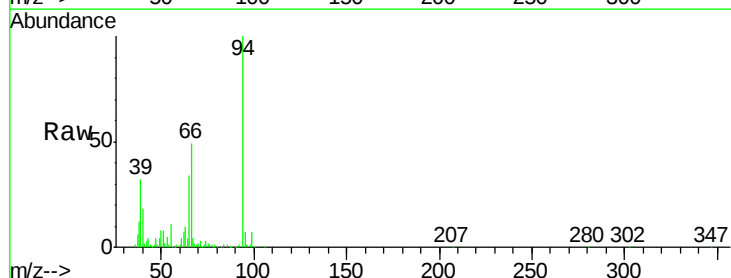
Tgt Ion: 94 Resp: 244156

Ion Ratio Lower Upper

94 100

65 33.9 14.3 54.3

66 48.6 26.9 66.9

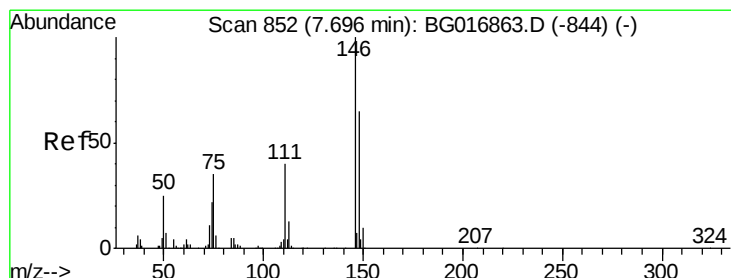
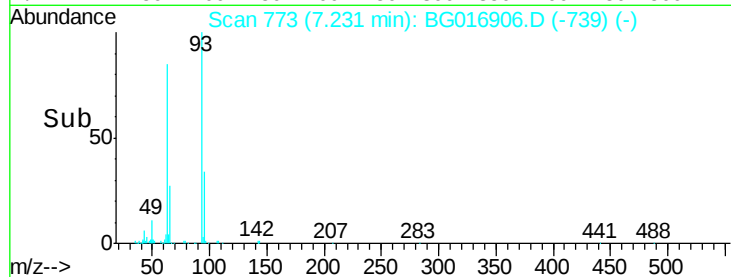
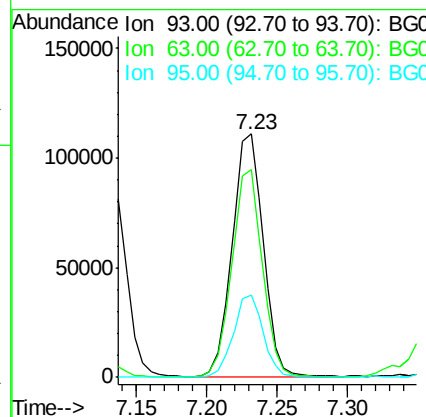
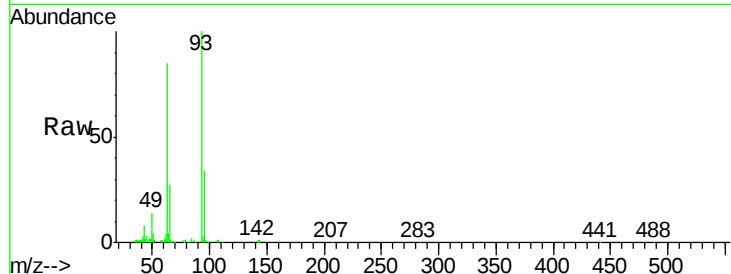




#11
 bis(2-Chloroethyl)ether
 Concen: 34.07 ng
 RT: 7.23 min Scan# 773
 Delta R.T. -0.00 min
 Lab File: BG016906.D
 Acq: 6 May 2015 19:03

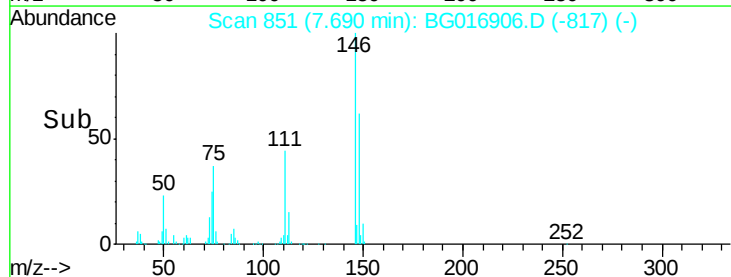
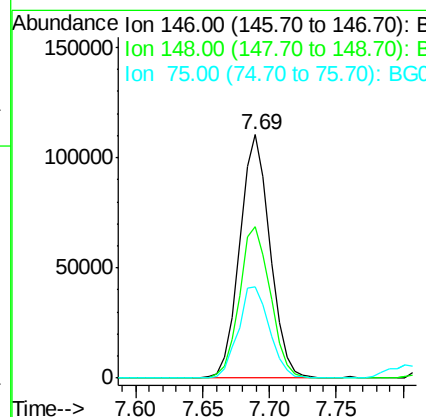
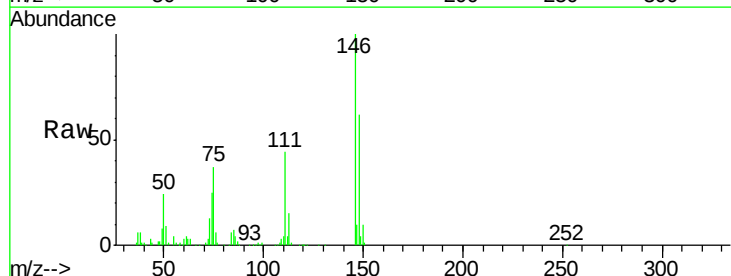
Instrument :
 BNA_G
 ClientSampleId :
 PB83058BSD

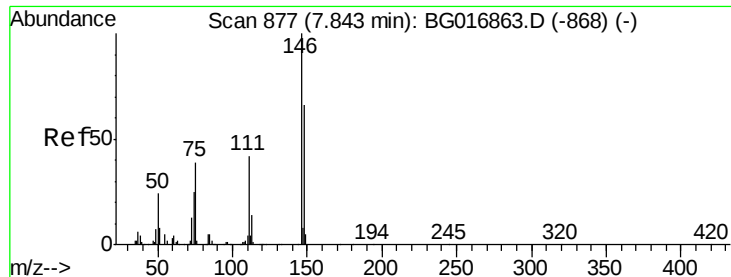
Tgt Ion: 93 Resp: 171040
 Ion Ratio Lower Upper
 93 100
 63 85.4 61.2 101.2
 95 33.7 15.0 55.0



#12
 1,3-Dichlorobenzene
 Concen: 32.03 ng
 RT: 7.69 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BG016906.D
 Acq: 6 May 2015 19:03

Tgt Ion: 146 Resp: 173400
 Ion Ratio Lower Upper
 146 100
 148 62.0 51.9 77.9
 75 37.3 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 32.38 ng

RT: 7.84 min Scan# 876

Delta R.T. -0.00 min

Lab File: BG016906.D

Acq: 6 May 2015 19:03

Instrument :

BNA_G

ClientSampleId :

PB83058BSD

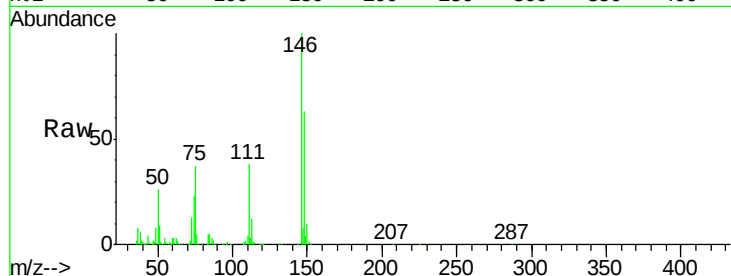
Tgt Ion:146 Resp: 177545

Ion Ratio Lower Upper

146 100

148 62.7 52.8 79.2

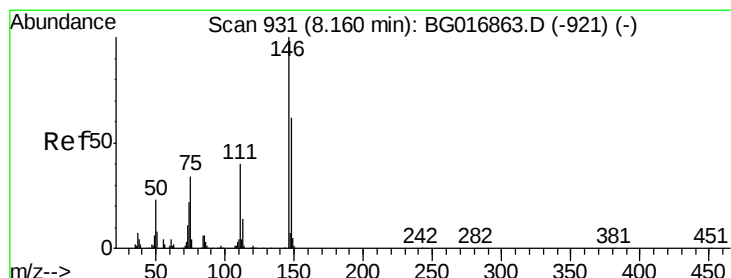
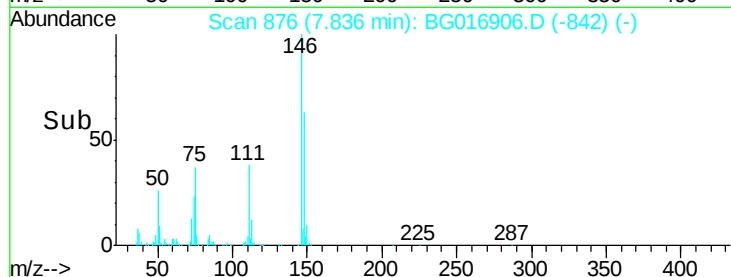
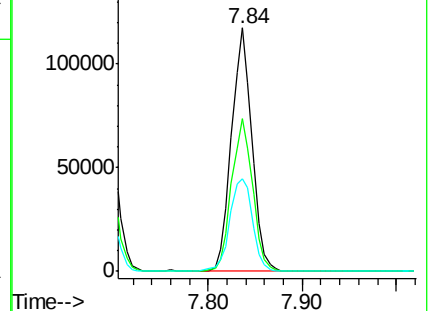
111 38.3 33.9 50.9



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: 31.17 ng

RT: 8.15 min Scan# 930

Delta R.T. -0.00 min

Lab File: BG016906.D

Acq: 6 May 2015 19:03

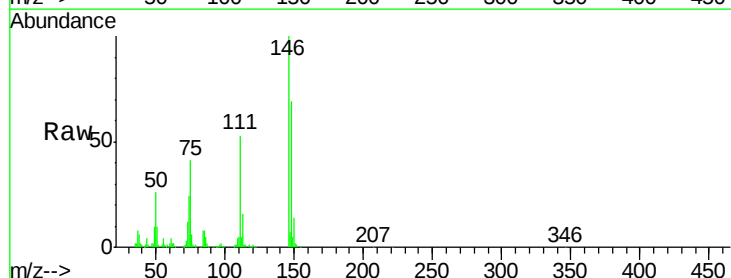
Tgt Ion:146 Resp: 164025

Ion Ratio Lower Upper

146 100

148 68.9 49.9 74.9

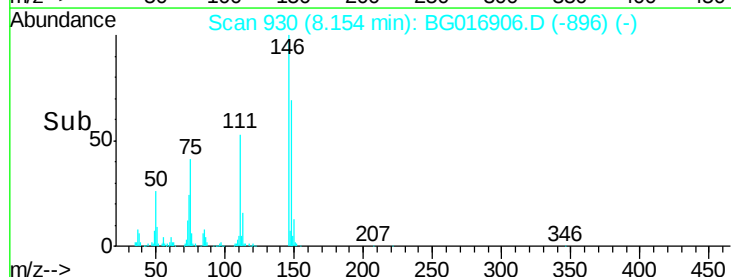
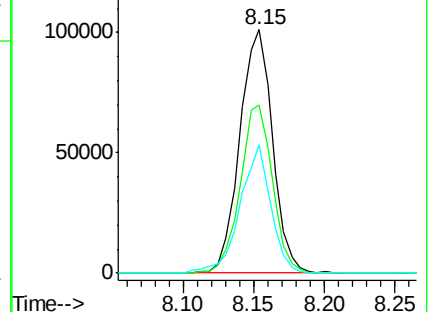
111 52.8 32.1 48.1#

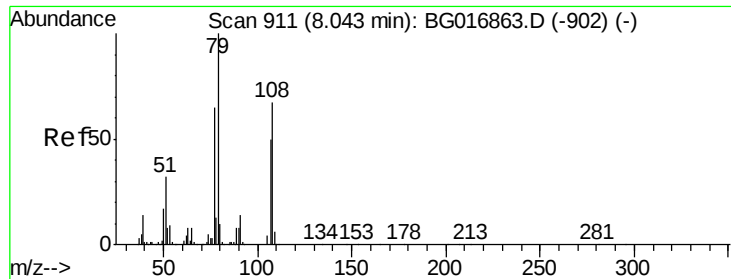


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 33.77 ng

RT: 8.04 min Scan# 910

Delta R.T. -0.00 min

Lab File: BG016906.D

Acq: 6 May 2015 19:03

Instrument :

BNA_G

ClientSampleId :

PB83058BSD

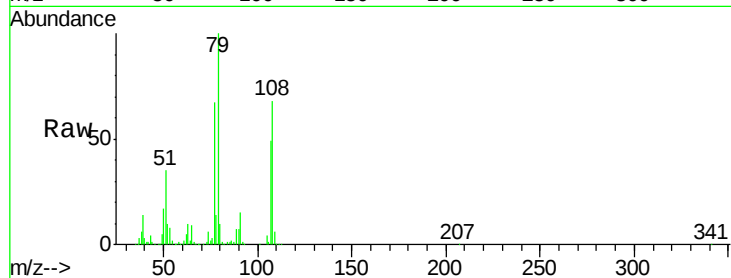
Tgt Ion: 79 Resp: 186730

Ion Ratio Lower Upper

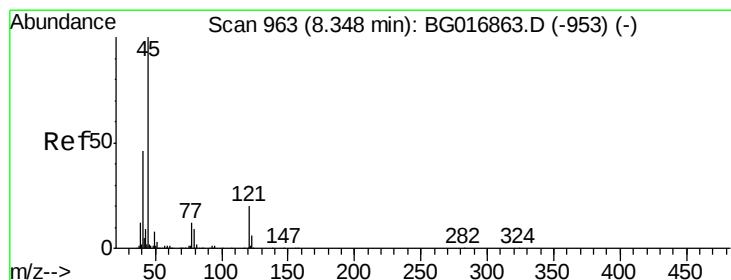
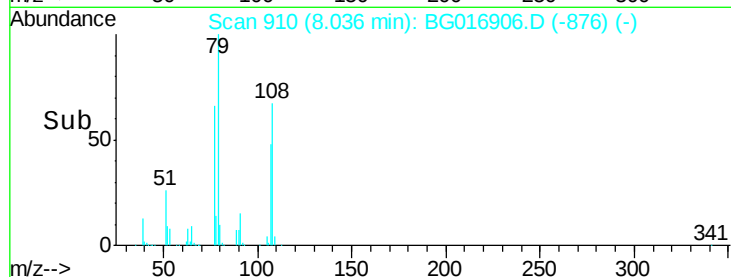
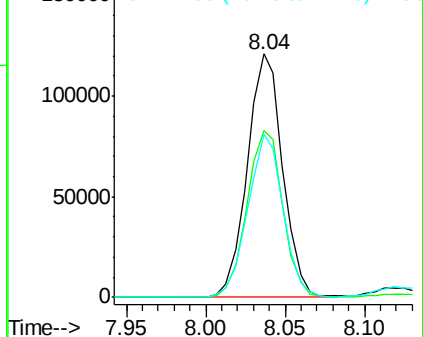
79 100

108 68.4 53.4 80.2

77 66.7 52.2 78.2



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.45 ng

RT: 8.34 min Scan# 962

Delta R.T. -0.00 min

Lab File: BG016906.D

Acq: 6 May 2015 19:03

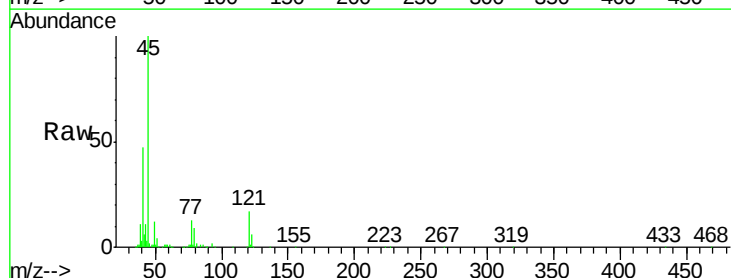
Tgt Ion: 45 Resp: 310796

Ion Ratio Lower Upper

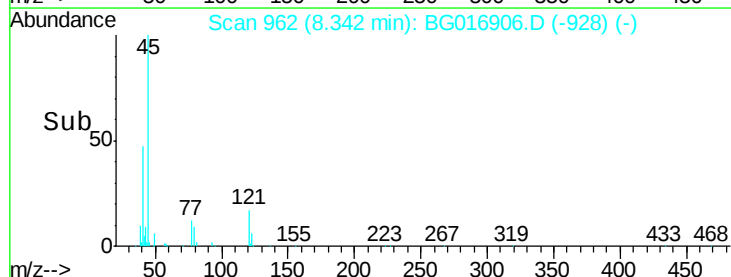
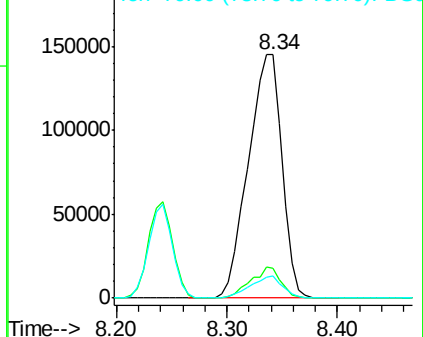
45 100

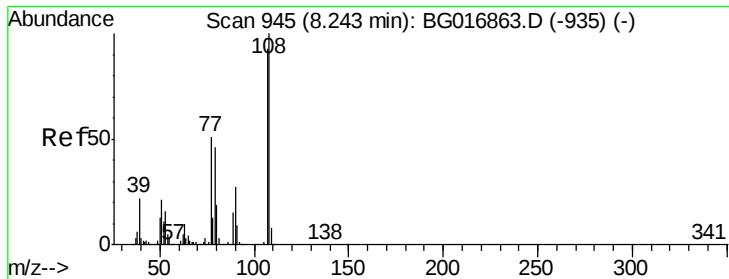
77 12.5 0.0 31.8

79 9.1 0.0 29.1



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

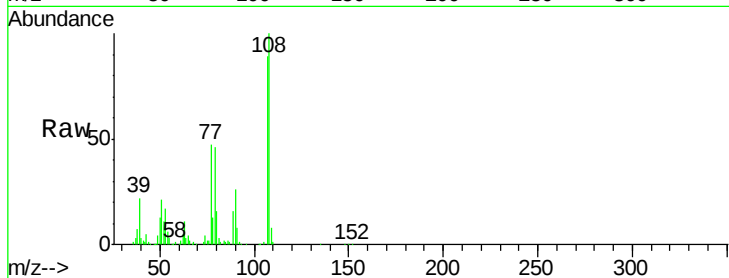




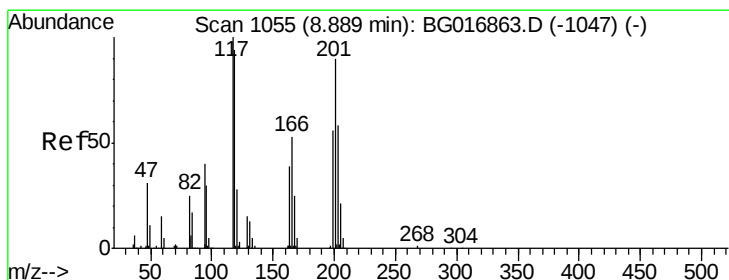
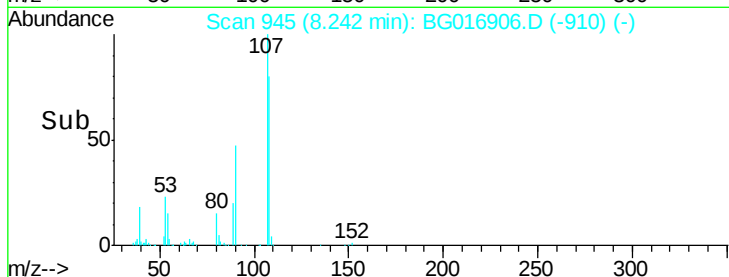
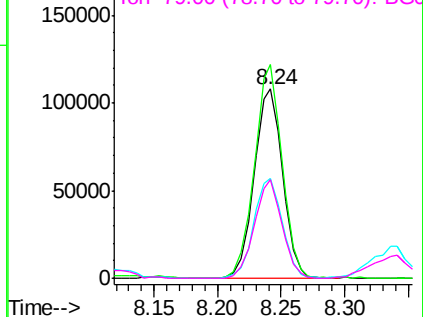
#17
 2-Methylphenol
 Concen: 36.97 ng
 RT: 8.24 min Scan# 945
 Delta R.T. 0.01 min
 Lab File: BG016906.D
 Acq: 6 May 2015 19:03

Instrument :
 BNA_G
 ClientSampleId :
 PB83058BSD

Tgt Ion:	107	Resp:	169010
Ion	Ratio	Lower	Upper
107	100		
108	112.9	85.9	128.9
77	53.1	43.8	65.6
79	52.0	39.8	59.6

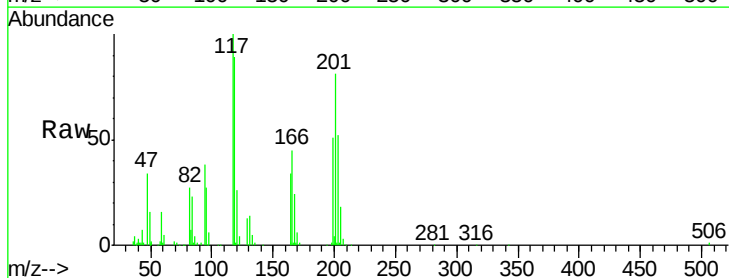


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BG
 Ion 79.00 (78.70 to 79.70): BG

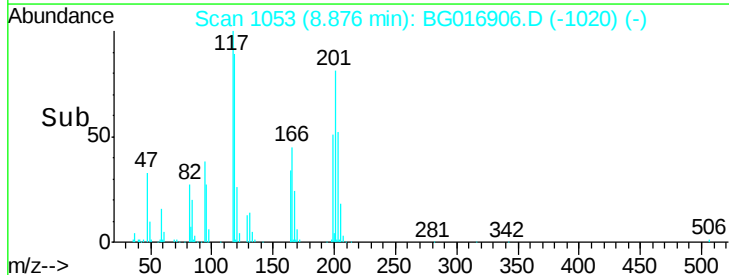
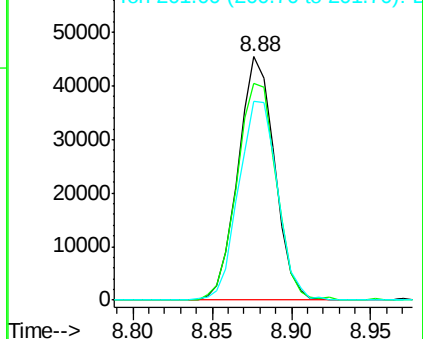


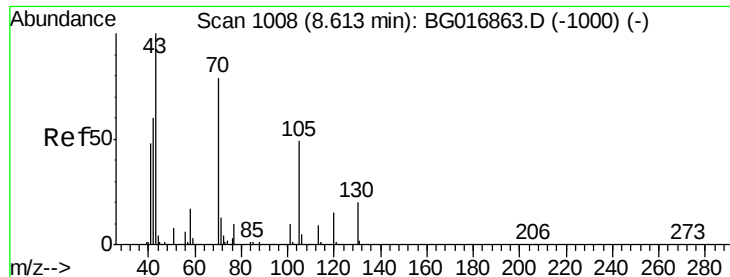
#18
 Hexachloroethane
 Concen: 32.23 ng
 RT: 8.88 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BG016906.D
 Acq: 6 May 2015 19:03

Tgt Ion:	117	Resp:	72647
Ion	Ratio	Lower	Upper
117	100		
119	89.1	74.8	112.2
201	81.5	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

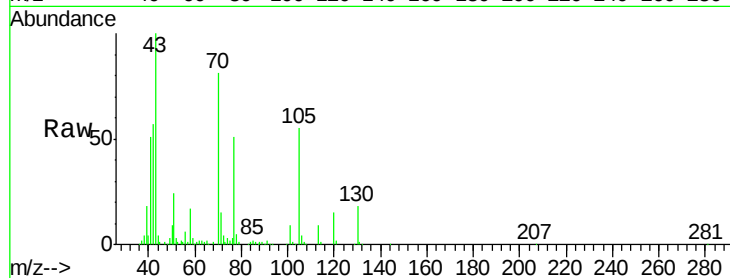




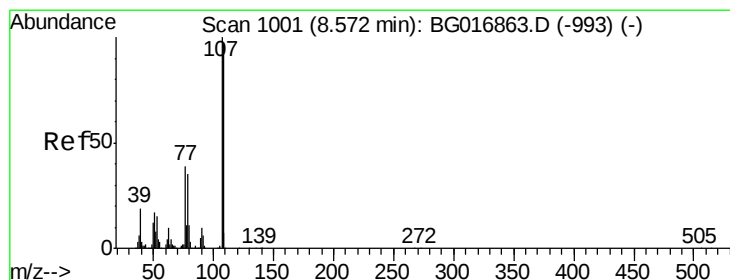
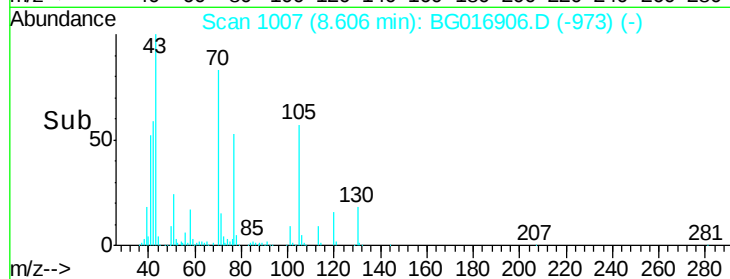
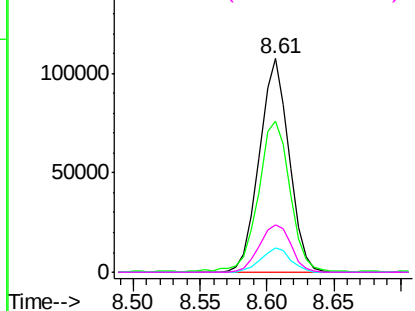
#19
n-Nitroso-di-n-propylamine
Concen: 31.18 ng
RT: 8.61 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BG016906.D
Acq: 6 May 2015 19:03

Instrument :
BNA_G
ClientSampleId :
PB83058BSD

Tgt Ion:	70	Resp:	165518
Ion	Ratio	Lower	Upper
70	100		
42	70.8	61.5	92.3
101	11.2	9.8	14.6
130	21.9	20.2	30.4

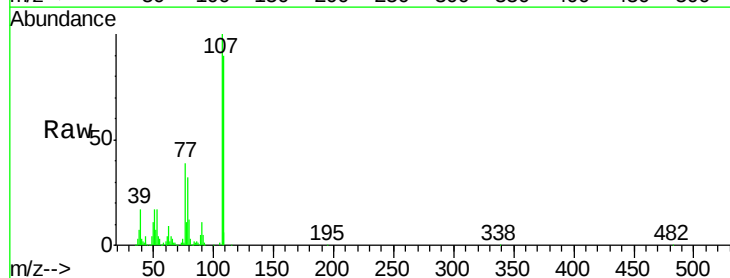


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

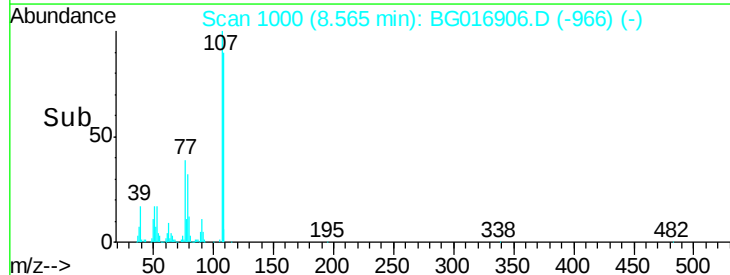
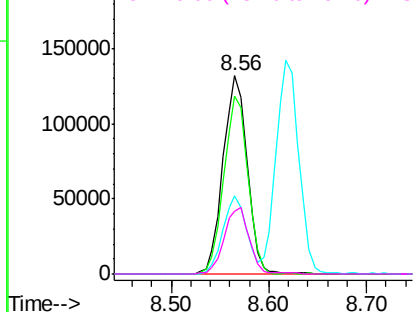


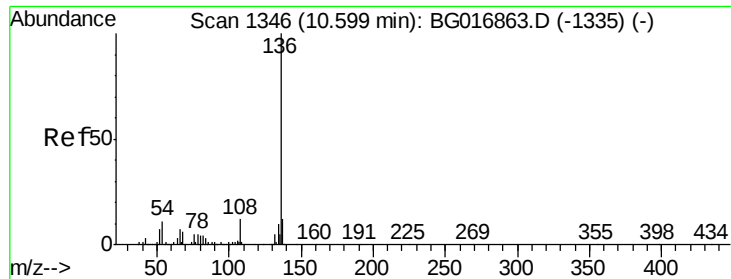
#20
3+4-Methylphenols
Concen: 36.13 ng
RT: 8.56 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BG016906.D
Acq: 6 May 2015 19:03

Tgt Ion:	107	Resp:	227598
Ion	Ratio	Lower	Upper
107	100		
108	89.6	76.6	116.6
77	39.4	19.0	59.0
79	32.0	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

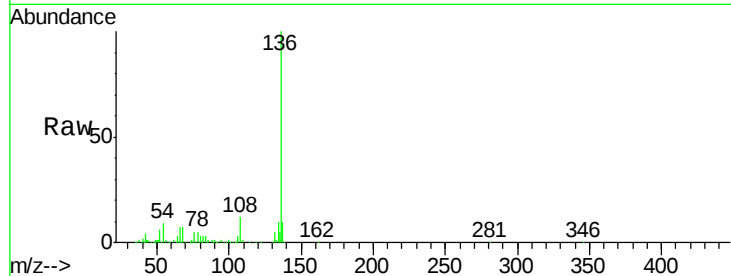




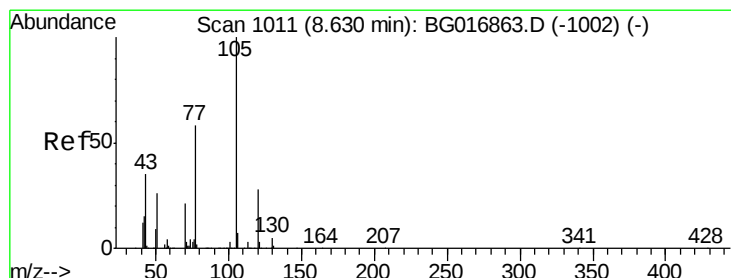
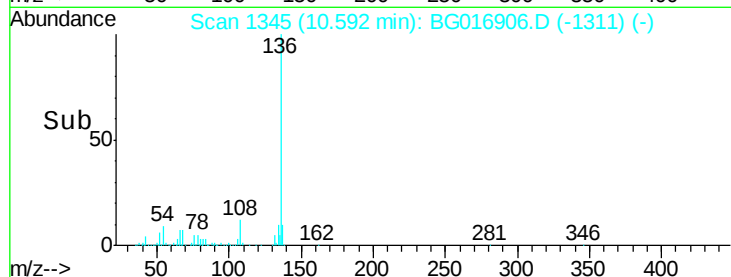
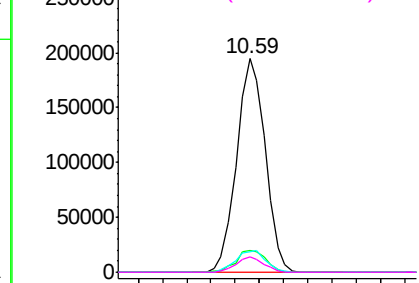
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.59 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BG016906.D
Acq: 6 May 2015 19:03

Instrument :
BNA_G
ClientSampleId :
PB83058BSD

Tgt Ion:	136	Resp:	320817
Ion Ratio	Lower	Upper	
136	100		
137	10.4	9.8	14.8
54	9.5	8.7	13.1
68	6.9	5.0	7.4

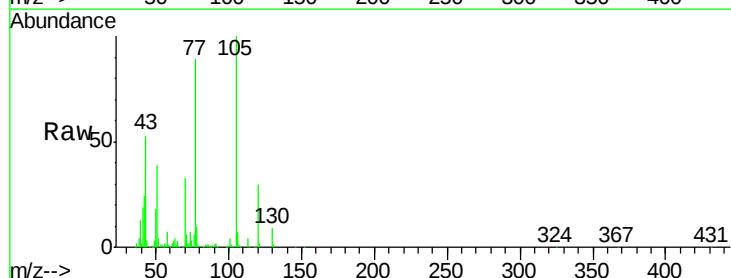


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

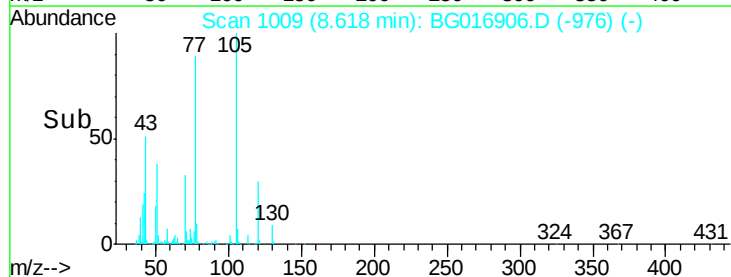
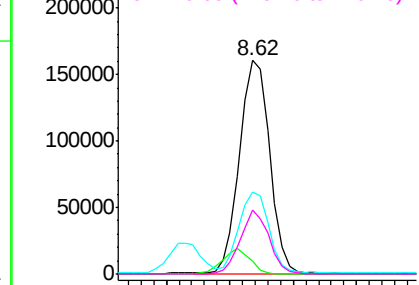


#22
Acetophenone
Concen: 34.73 ng
RT: 8.62 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG016906.D
Acq: 6 May 2015 19:03

Tgt Ion:	105	Resp:	265406
Ion Ratio	Lower	Upper	
105	100		
71	5.8	2.8	4.2#
51	38.5	29.4	44.2
120	29.9	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

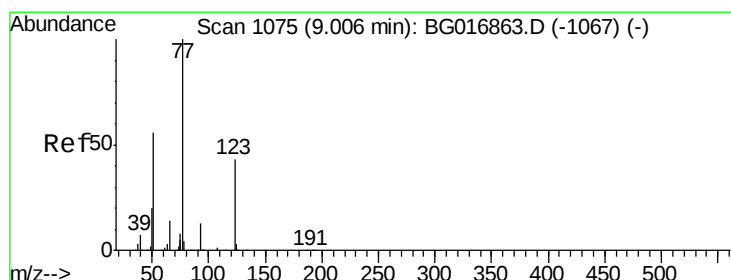
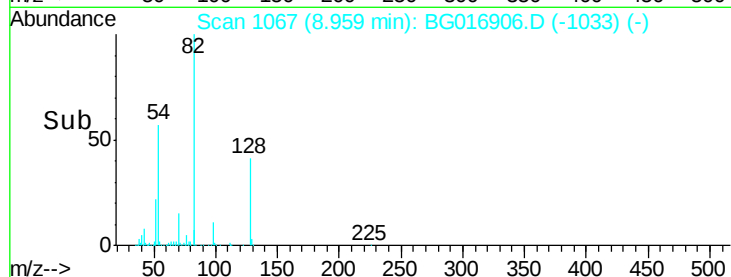
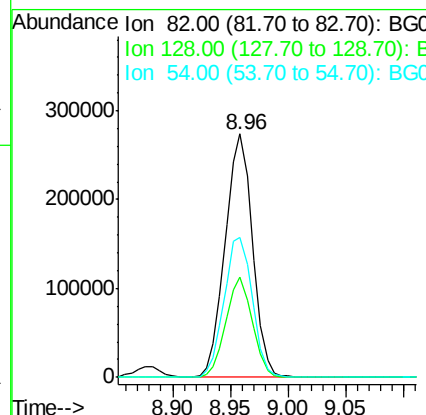
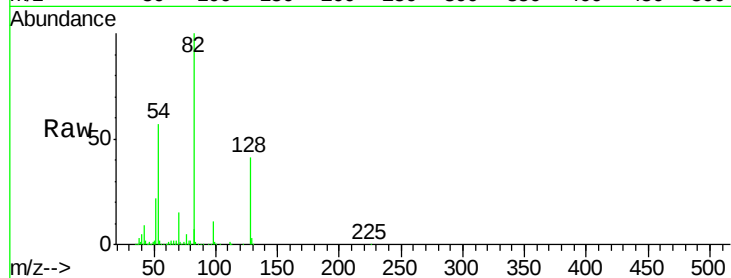




#23
 Nitrobenzene-d5
 Concen: 68.50 ng
 RT: 8.96 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: BG016906.D
 Acq: 6 May 2015 19:03

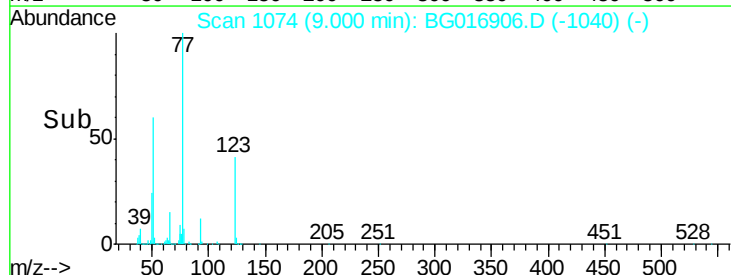
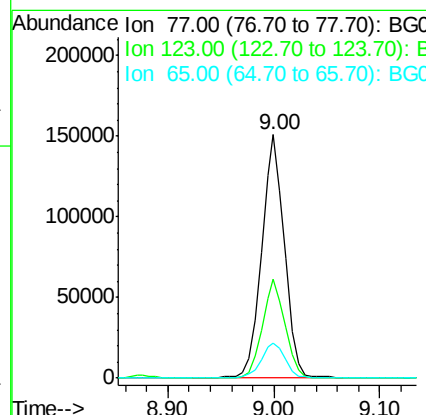
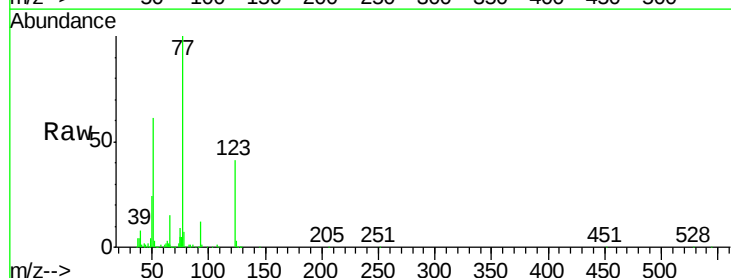
Instrument :
 BNA_G
 ClientSampleId :
 PB83058BSD

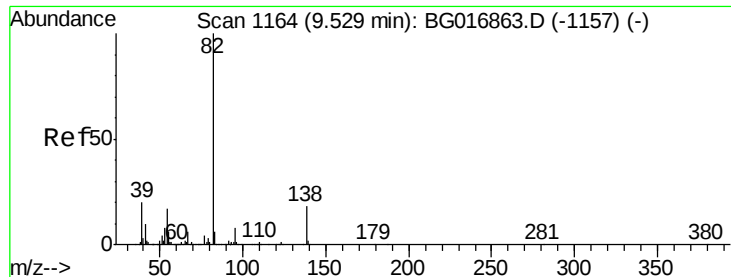
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.0	33.2	49.8
54	57.3	48.6	72.8



#24
 Nitrobenzene
 Concen: 34.30 ng
 RT: 9.00 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: BG016906.D
 Acq: 6 May 2015 19:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.6	34.0	51.0
65	14.5	11.2	16.8





#25

Isophorone

Concen: 32.32 ng

RT: 9.52 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BG016906.D

Acq: 6 May 2015 19:03

Instrument :

BNA_G

ClientSampleId :

PB83058BSD

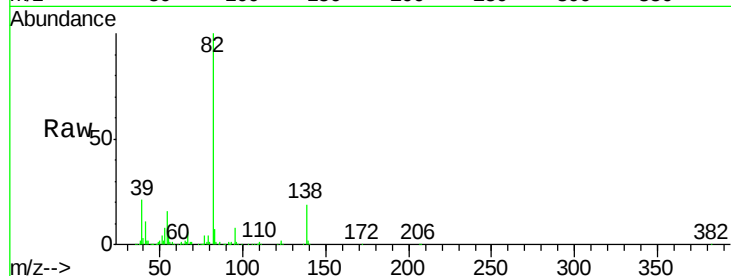
Tgt Ion: 82 Resp: 428589

Ion Ratio Lower Upper

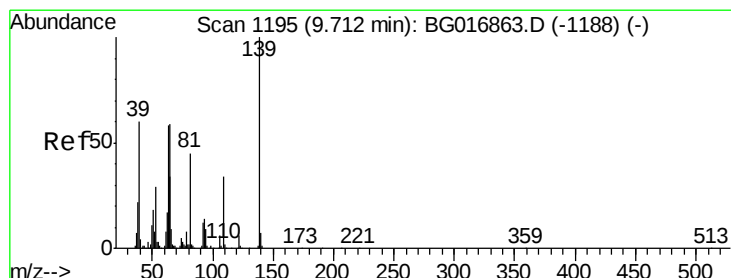
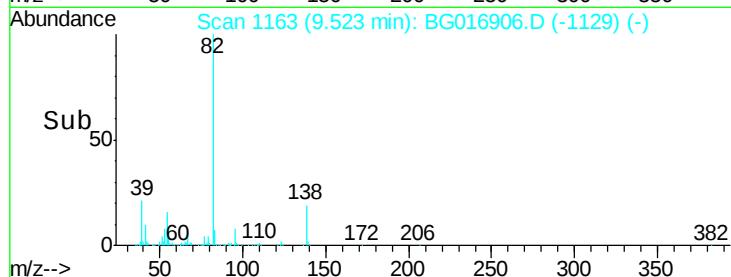
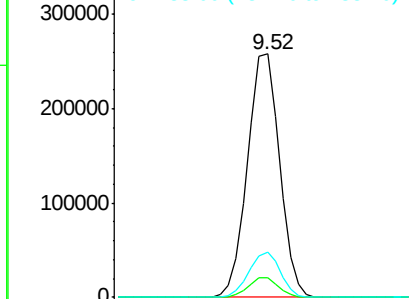
82 100

95 7.8 6.7 10.1

138 18.7 14.7 22.1



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



#26

2-Nitrophenol

Concen: 35.00 ng

RT: 9.70 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BG016906.D

Acq: 6 May 2015 19:03

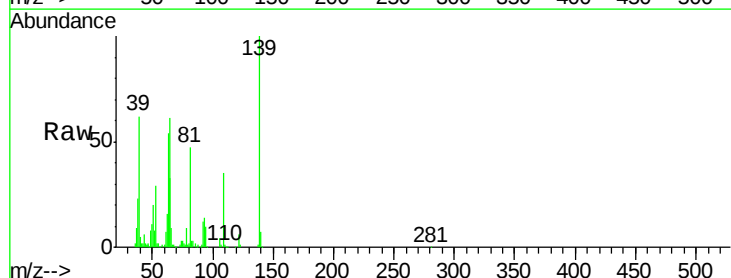
Tgt Ion: 139 Resp: 94514

Ion Ratio Lower Upper

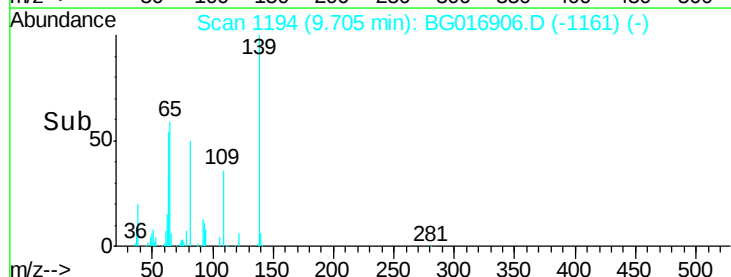
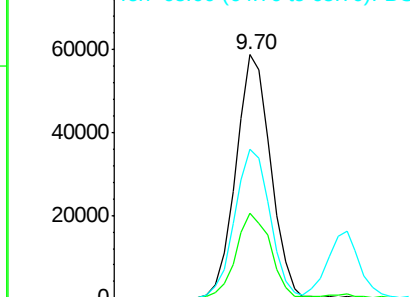
139 100

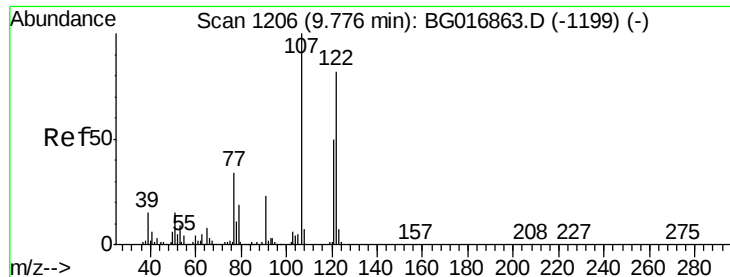
109 34.8 27.4 41.2

65 61.0 47.1 70.7



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

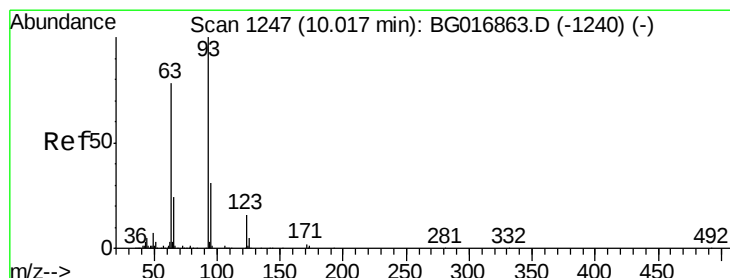
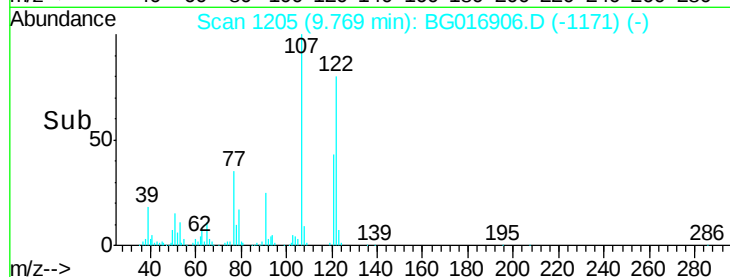
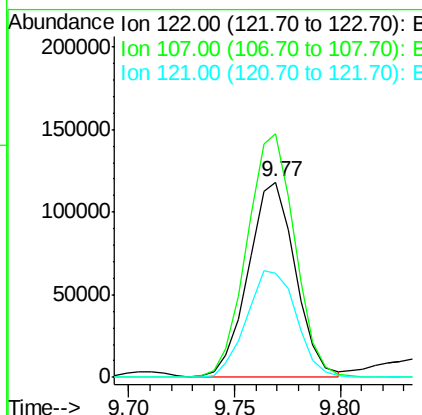
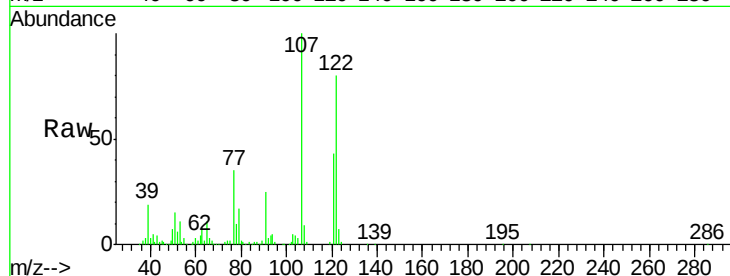




#27
2,4-Dimethylphenol
Concen: 37.35 ng
RT: 9.77 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BG016906.D
Acq: 6 May 2015 19:03

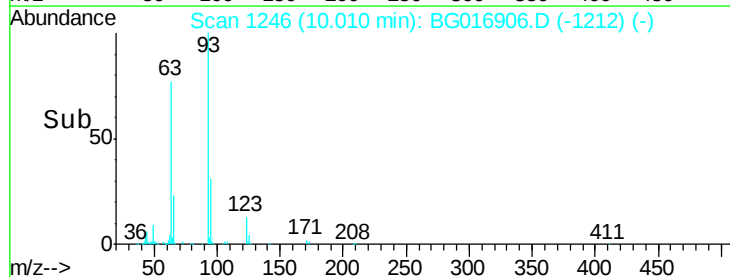
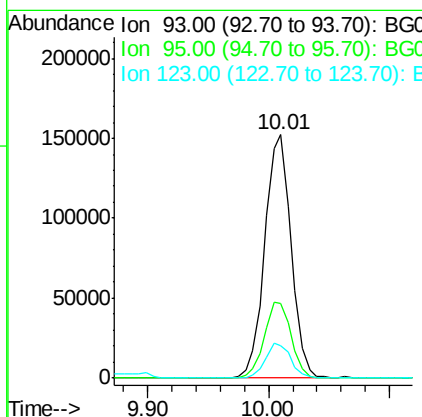
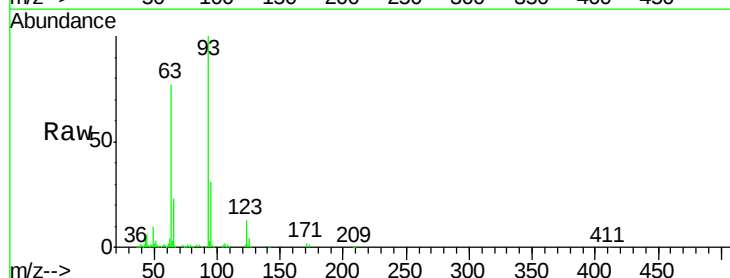
Instrument :
BNA_G
ClientSampleId :
PB83058BSD

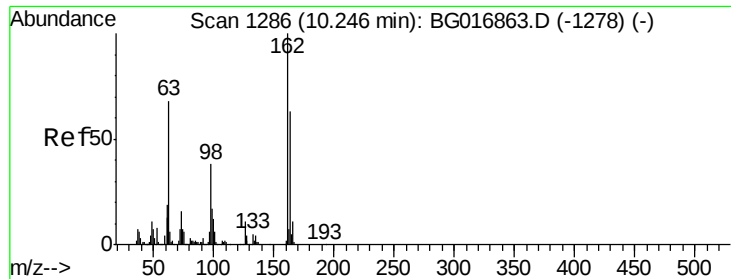
Tgt Ion	Ratio	Lower	Upper
122	100		
107	124.8	97.6	146.4
121	53.6	48.4	72.6



#28
bis(2-Chloroethoxy)methane
Concen: 34.60 ng
RT: 10.01 min Scan# 1246
Delta R.T. -0.00 min
Lab File: BG016906.D
Acq: 6 May 2015 19:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.6	24.8	37.2
123	13.4	12.6	19.0





#29

2,4-Dichlorophenol

Concen: 37.65 ng

RT: 10.24 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BG016906.D

Acq: 6 May 2015 19:03

Instrument :

BNA_G

ClientSampleId :

PB83058BSD

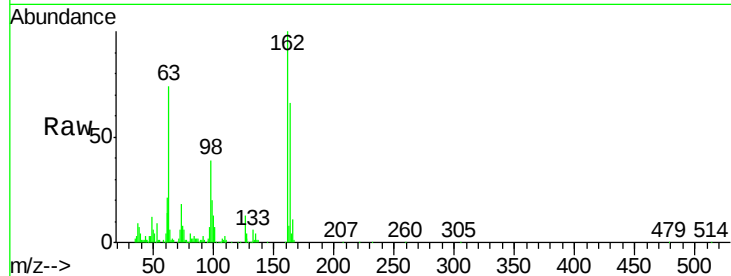
Tgt Ion:162 Resp: 173836

Ion Ratio Lower Upper

162 100

164 66.4 42.9 82.9

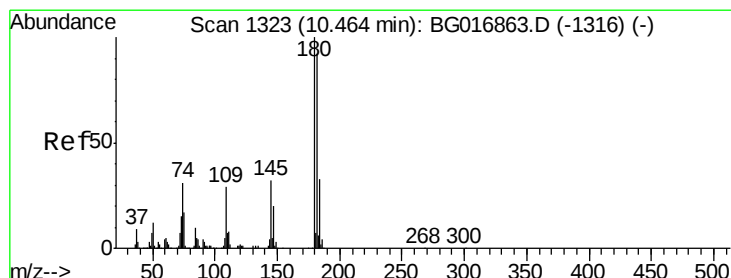
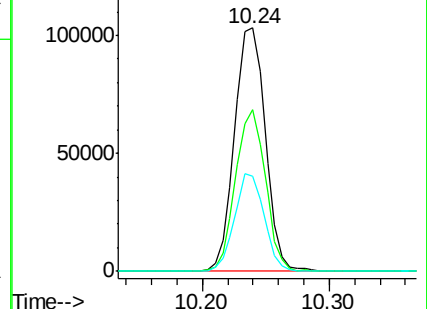
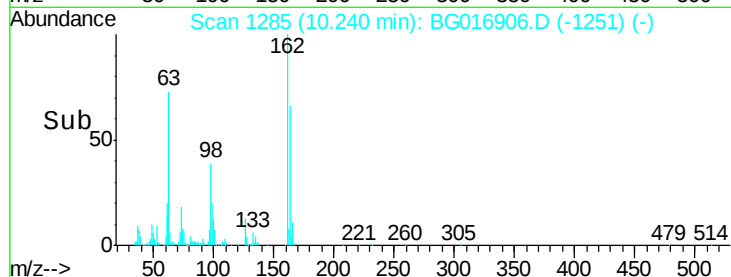
98 39.2 18.4 58.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 32.56 ng

RT: 10.46 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BG016906.D

Acq: 6 May 2015 19:03

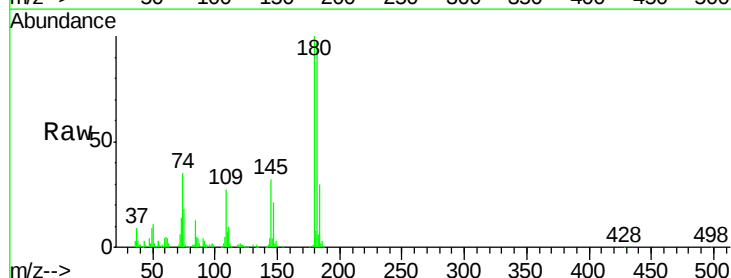
Tgt Ion:180 Resp: 159408

Ion Ratio Lower Upper

180 100

182 97.3 73.8 110.8

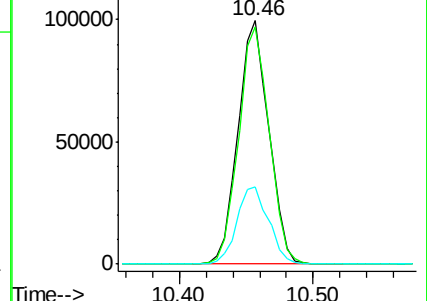
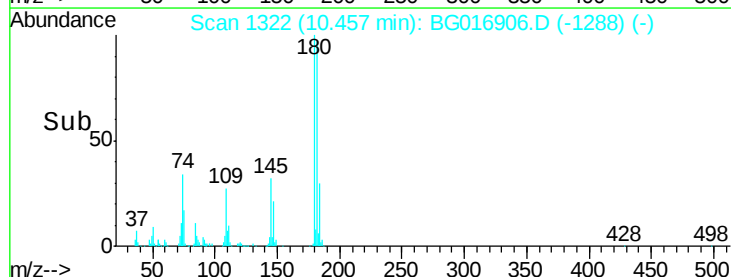
145 31.8 25.4 38.0

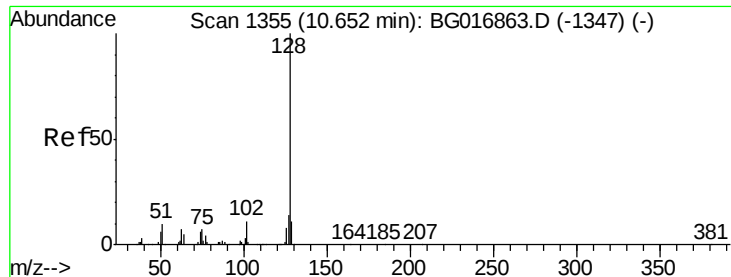


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

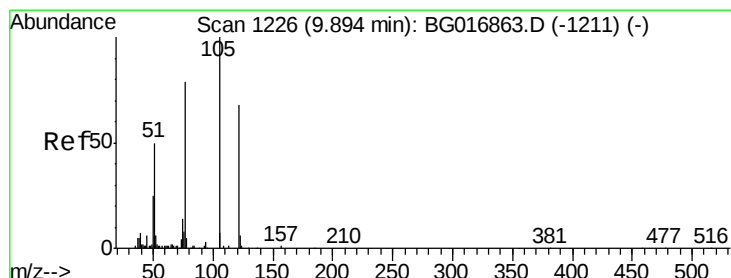
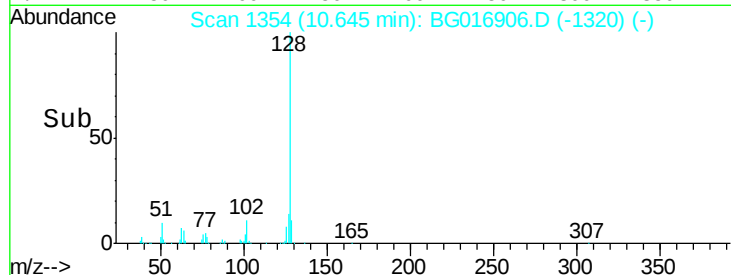
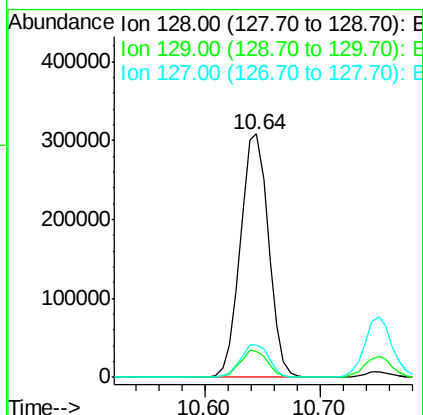
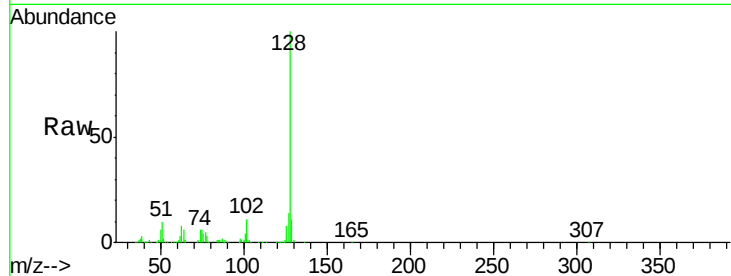




#31
Naphthalene
Concen: 32.71 ng
RT: 10.64 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG016906.D
Acq: 6 May 2015 19:03

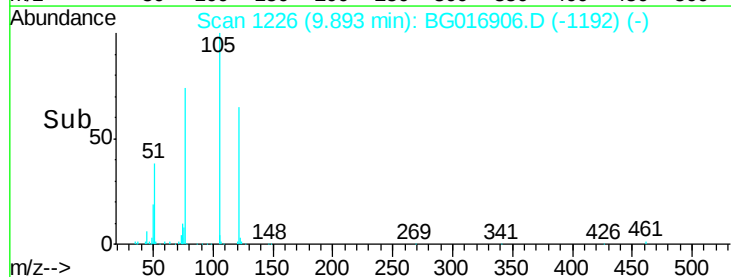
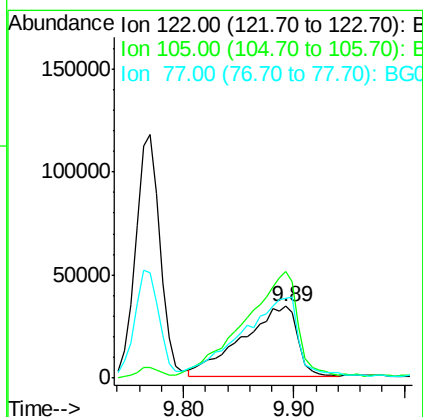
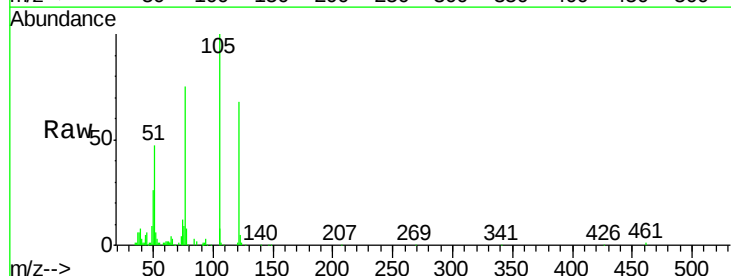
Instrument :
BNA_G
ClientSampleId :
PB83058BSD

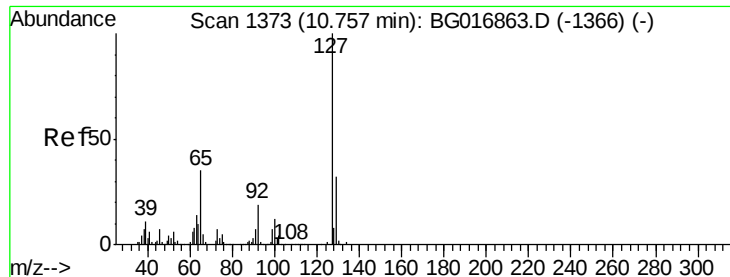
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.1	13.7
127	13.6	10.9	16.3



#32
Benzoic acid
Concen: 41.96 ng
RT: 9.89 min Scan# 1226
Delta R.T. -0.00 min
Lab File: BG016906.D
Acq: 6 May 2015 19:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	147.6	123.2	163.2
77	110.7	93.0	133.0

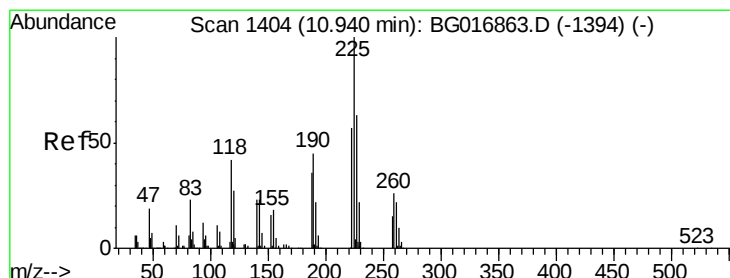
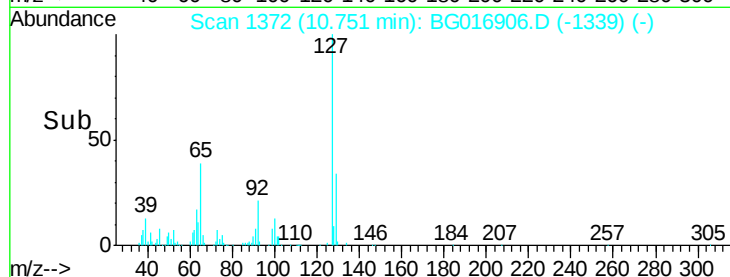
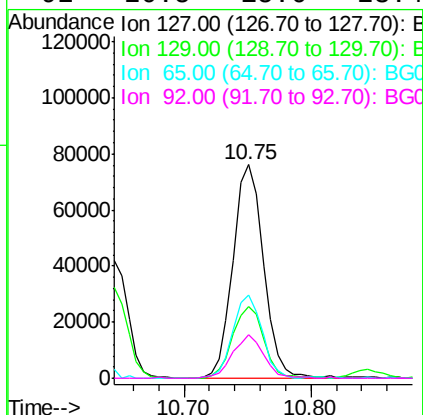
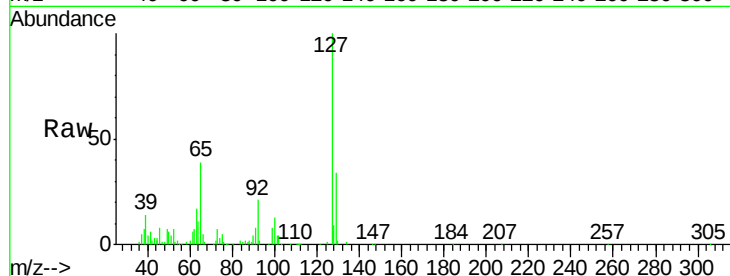




#33
4-Chloroaniline
Concen: 17.29 ng
RT: 10.75 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BG016906.D
Acq: 6 May 2015 19:03

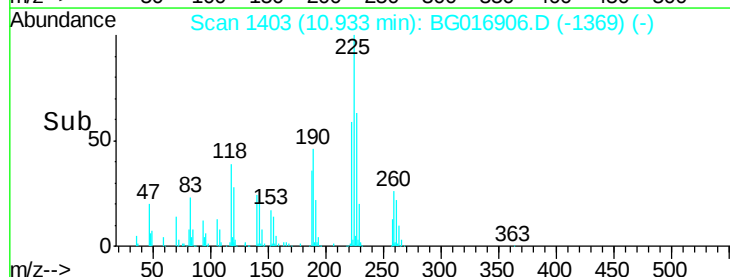
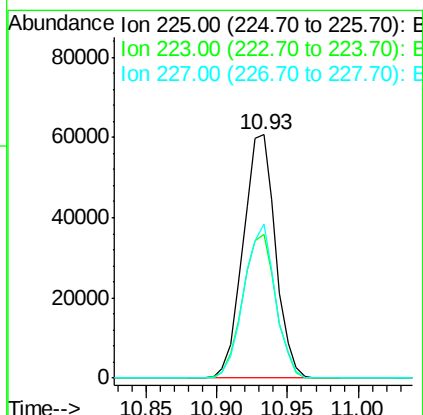
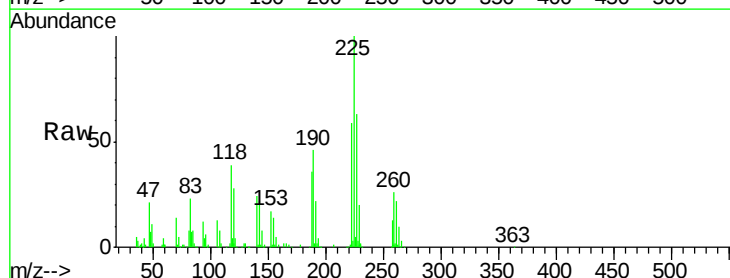
Instrument :
BNA_G
ClientSampleId :
PB83058BSD

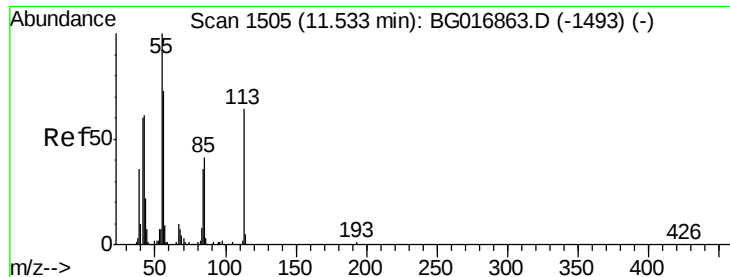
Tgt Ion:	127	Resp:	127447
Ion	Ratio	Lower	Upper
127	100		
129	33.7	25.8	38.6
65	39.1	28.2	42.2
92	20.5	15.6	23.4



#34
Hexachlorobutadiene
Concen: 31.73 ng
RT: 10.93 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BG016906.D
Acq: 6 May 2015 19:03

Tgt Ion:	225	Resp:	97233
Ion	Ratio	Lower	Upper
225	100		
223	59.2	45.8	68.6
227	63.4	50.7	76.1





#35

Caprolactam

Concen: 15.44 ng

RT: 11.56 min Scan# 1510

Delta R.T. 0.04 min

Lab File: BG016906.D

Acq: 6 May 2015 19:03

Instrument :

BNA_G

ClientSampleId :

PB83058BSD

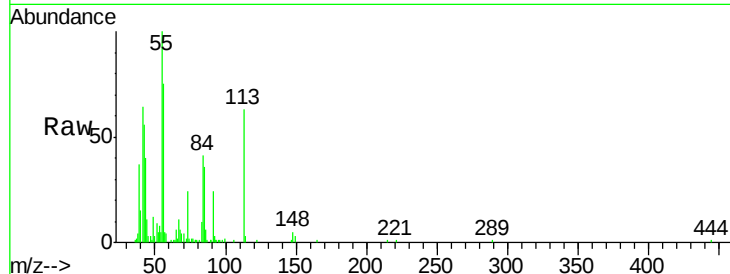
Tgt Ion:113 Resp: 37023

Ion Ratio Lower Upper

113 100

55 158.9 137.1 177.1

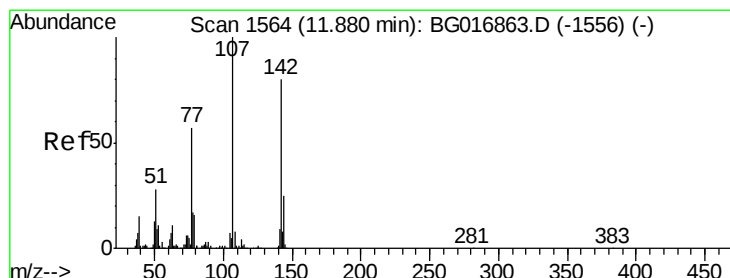
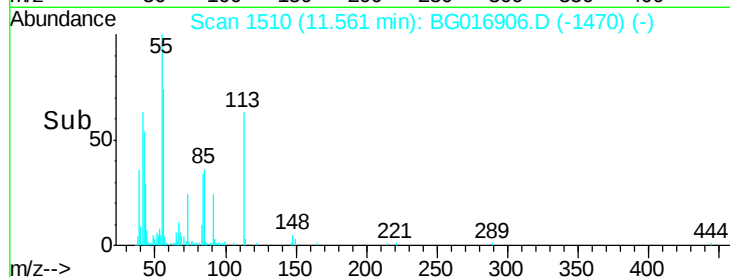
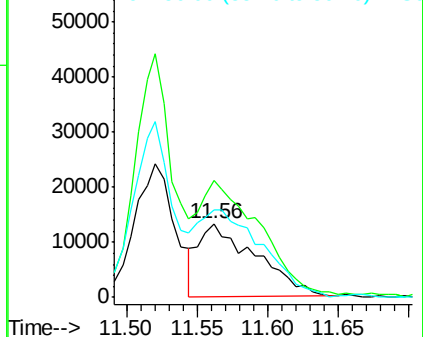
56 118.7 94.3 134.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG016906.D (-1470) (-)

Ion 56.00 (55.70 to 56.70): BG016906.D (-1470) (-)



#36

4-Chloro-3-methylphenol

Concen: 38.14 ng

RT: 11.88 min Scan# 1564

Delta R.T. 0.01 min

Lab File: BG016906.D

Acq: 6 May 2015 19:03

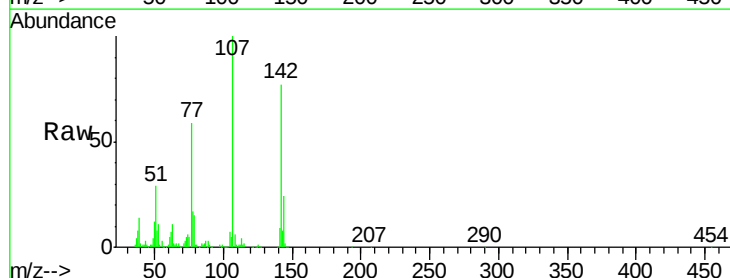
Tgt Ion:107 Resp: 225460

Ion Ratio Lower Upper

107 100

144 24.3 20.2 30.2

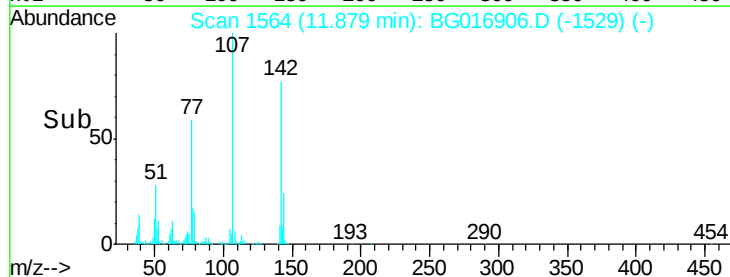
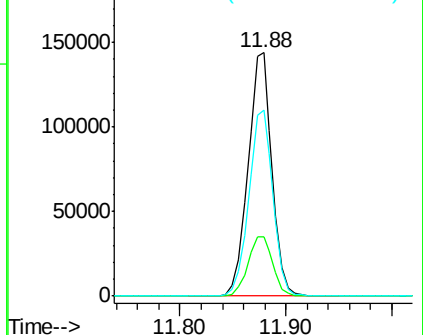
142 76.5 64.2 96.2

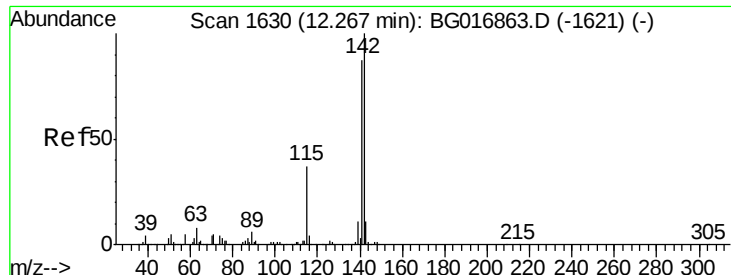


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

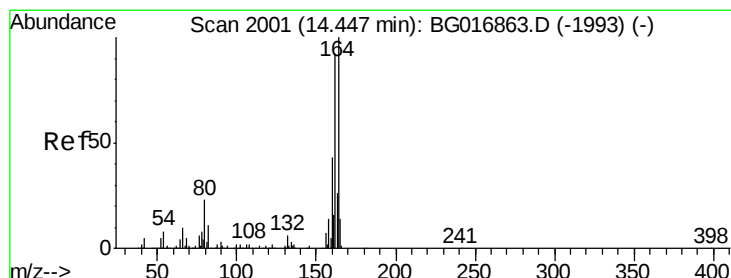
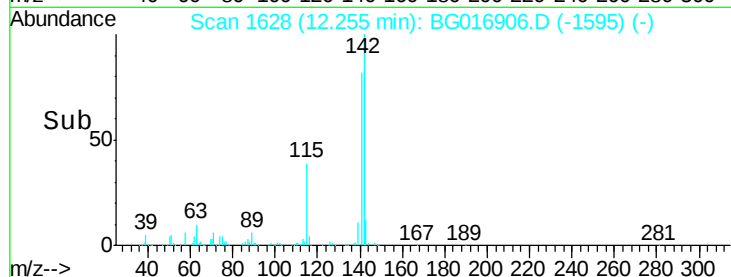
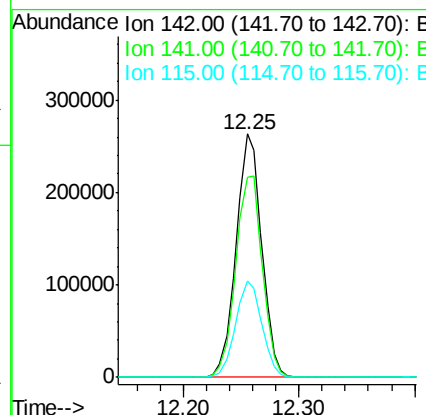
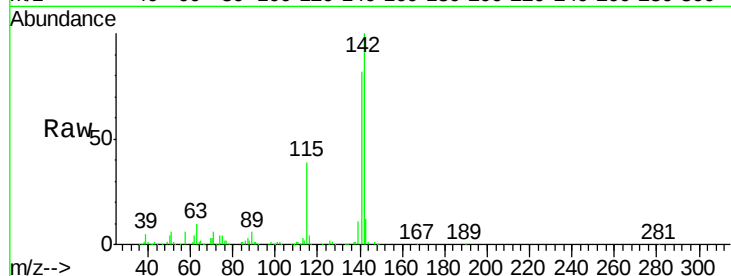




#37
 2-Methylnaphthalene
 Concen: 33.14 ng
 RT: 12.25 min Scan# 1628
 Delta R.T. -0.01 min
 Lab File: BG016906.D
 Acq: 6 May 2015 19:03

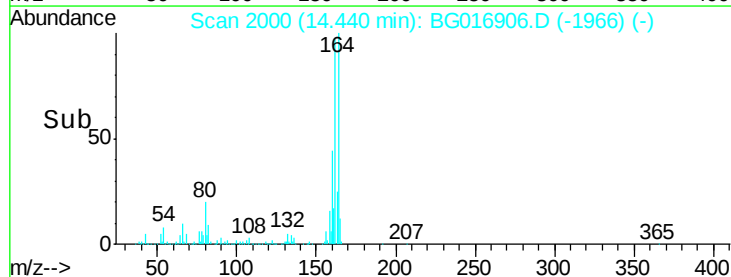
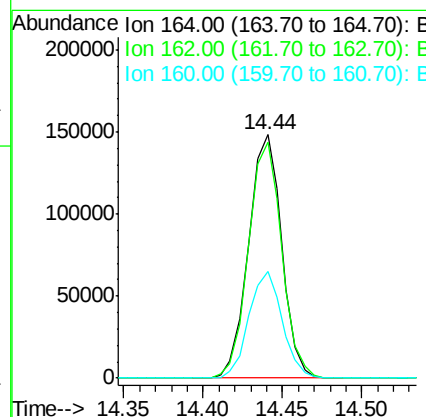
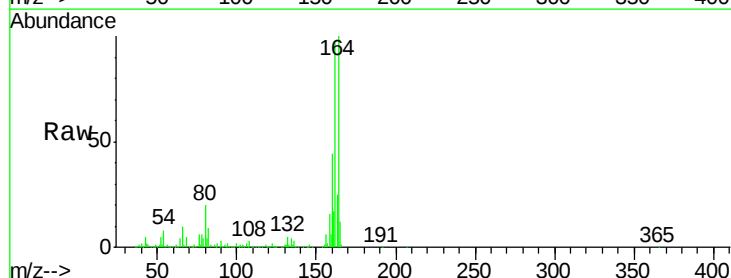
Instrument :
 BNA_G
 ClientSampleId :
 PB83058BSD

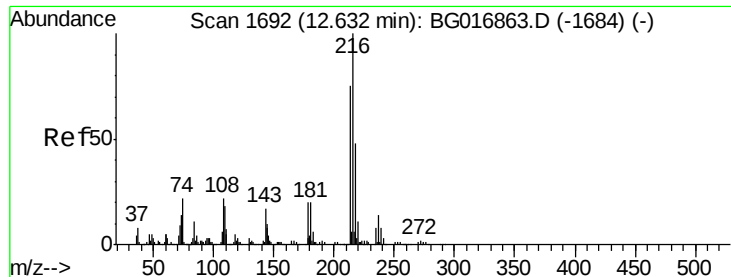
Tgt Ion	Ratio	Lower	Upper
142	100		
141	82.4	69.9	104.9
115	39.4	29.8	44.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.44 min Scan# 2000
 Delta R.T. -0.00 min
 Lab File: BG016906.D
 Acq: 6 May 2015 19:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.0	74.0	111.0
160	43.7	34.7	52.1

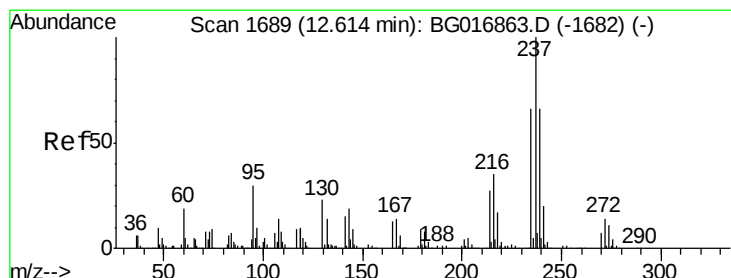
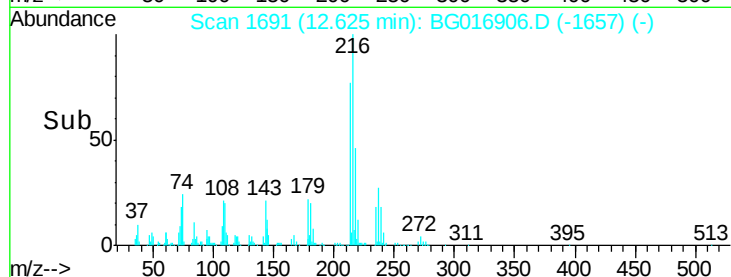
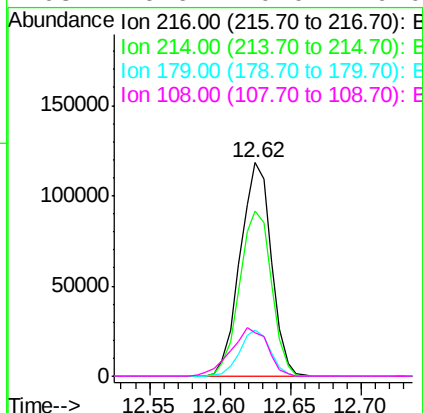
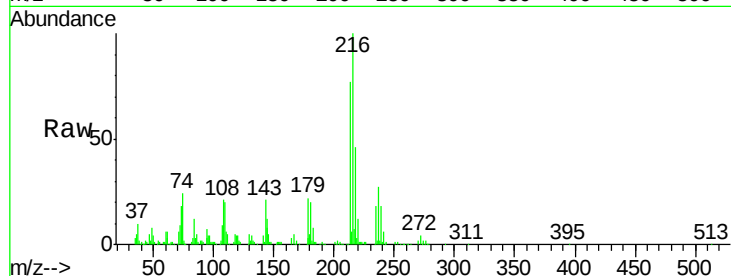




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.59 ng
 RT: 12.62 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG016906.D
 Acq: 6 May 2015 19:03

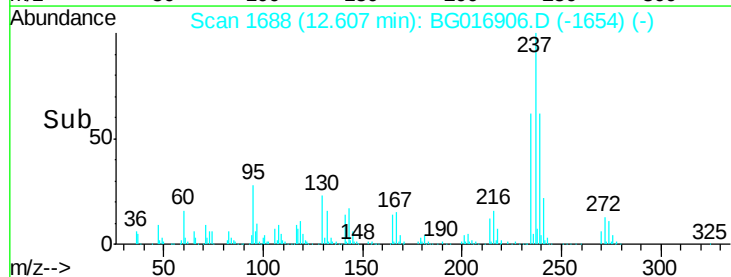
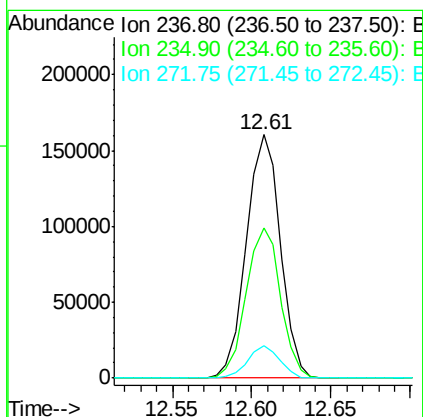
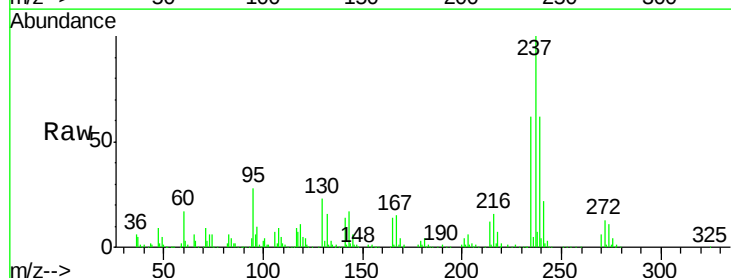
Instrument :
 BNA_G
 ClientSampleId :
 PB83058BSD

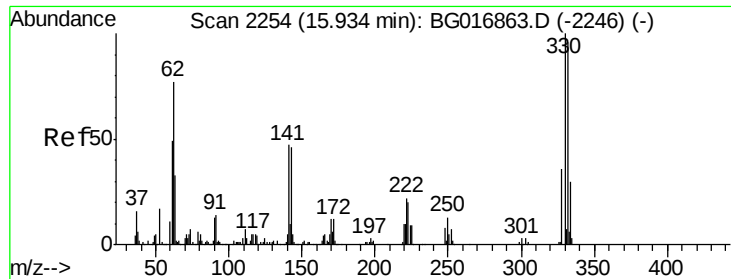
Tgt Ion:	216	Resp:	183057
Ion	Ratio	Lower	Upper
216	100		
214	79.1	0.0	0.0#
179	21.2	0.0	0.0#
108	26.6	0.0	0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 63.99 ng
 RT: 12.61 min Scan# 1688
 Delta R.T. -0.00 min
 Lab File: BG016906.D
 Acq: 6 May 2015 19:03

Tgt Ion:	237	Resp:	239510
Ion	Ratio	Lower	Upper
237	100		
235	61.9	45.5	85.5
272	13.1	0.0	33.7

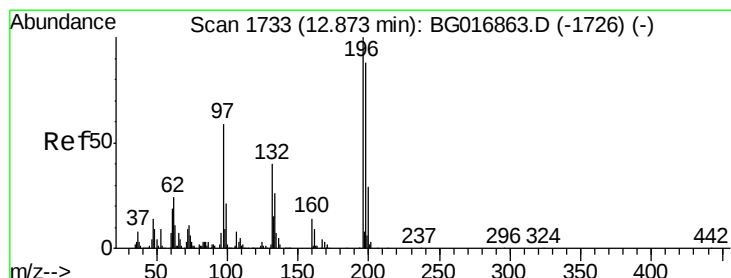
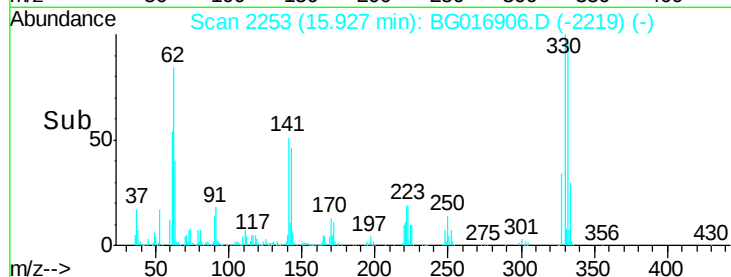
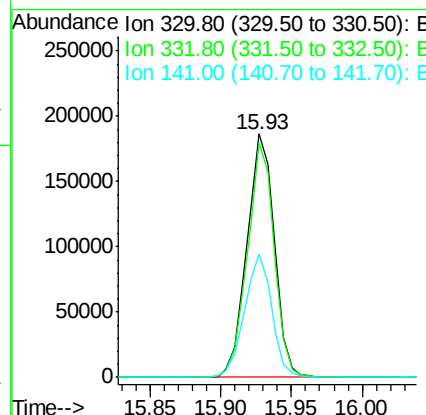
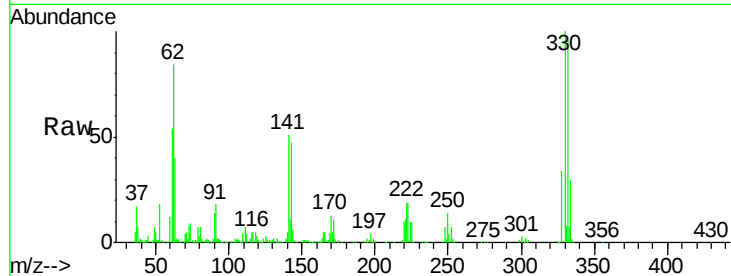




#41
 2,4,6-Tribromophenol
 Concen: 117.79 ng
 RT: 15.93 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: BG016906.D
 Acq: 6 May 2015 19:03

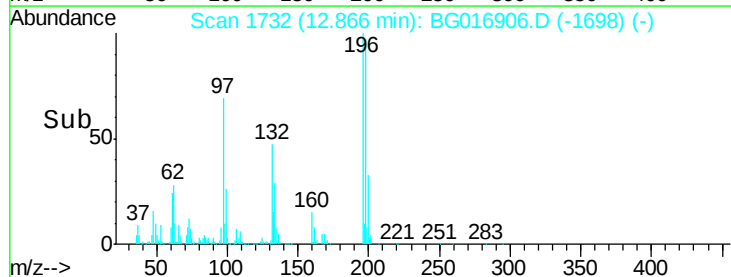
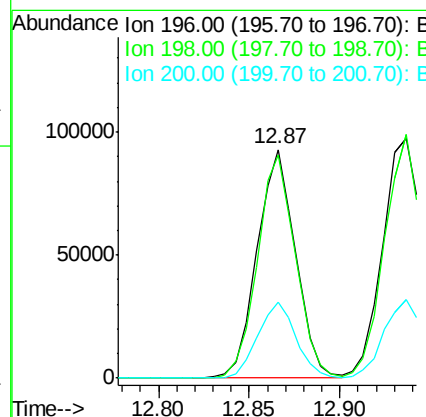
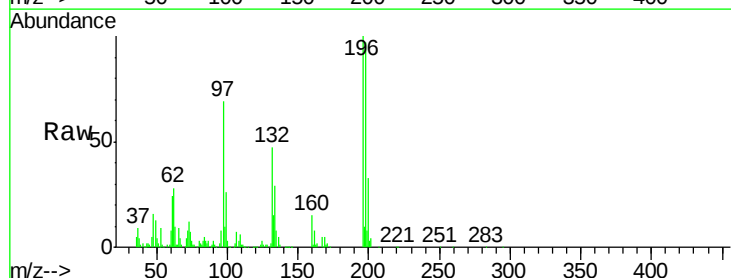
Instrument :
 BNA_G
 ClientSampleId :
 PB83058BSD

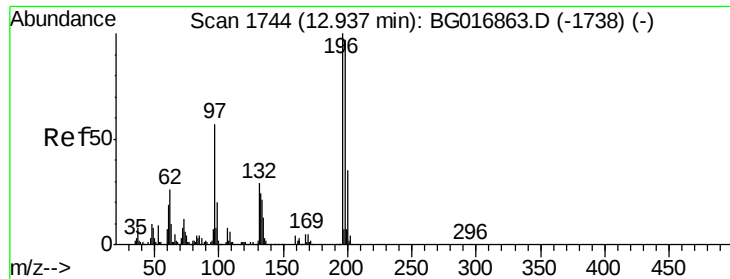
Tgt Ion:330 Resp: 253523
 Ion Ratio Lower Upper
 330 100
 332 93.9 0.0 0.0#
 141 50.3 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 33.27 ng
 RT: 12.87 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: BG016906.D
 Acq: 6 May 2015 19:03

Tgt Ion:196 Resp: 136645
 Ion Ratio Lower Upper
 196 100
 198 97.3 70.7 106.1
 200 33.0 23.0 34.4

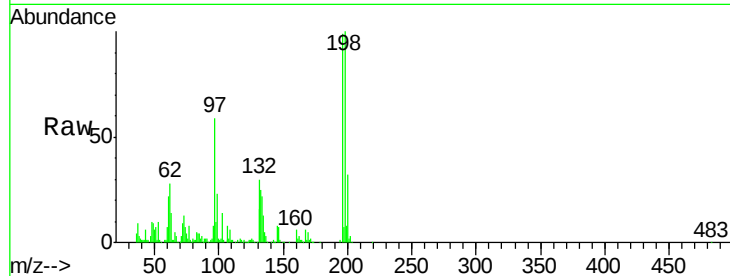




#43
2,4,5-Trichlorophenol
Concen: 34.89 ng
RT: 12.94 min Scan# 1744
Delta R.T. -0.00 min
Lab File: BG016906.D
Acq: 6 May 2015 19:03

Instrument :
BNA_G
ClientSampleId :
PB83058BSD

Tgt Ion	Resp	Lower	Upper
196	152086		
198	101.5	77.5	116.3
97	59.9	45.9	68.9
132	30.5	23.7	35.5



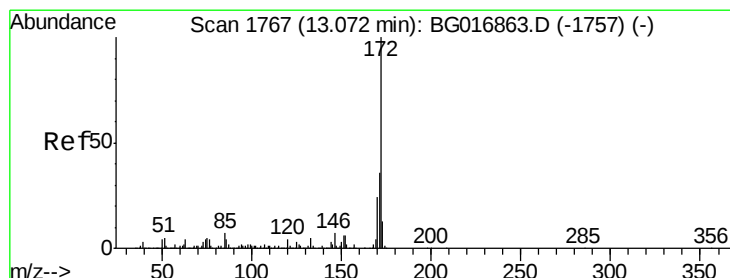
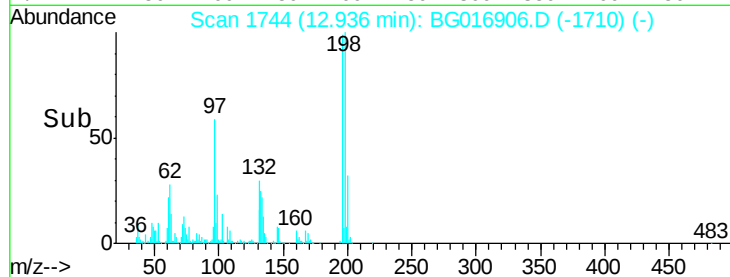
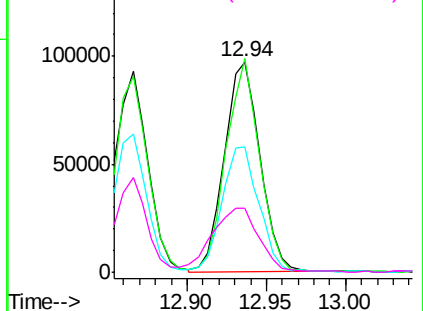
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

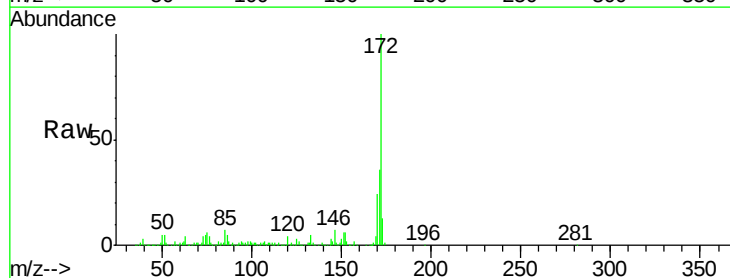
Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 64.10 ng
RT: 13.06 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BG016906.D
Acq: 6 May 2015 19:03

Tgt Ion	Resp	Lower	Upper
172	910691		
171	36.0	29.0	43.4
170	23.8	19.0	28.4

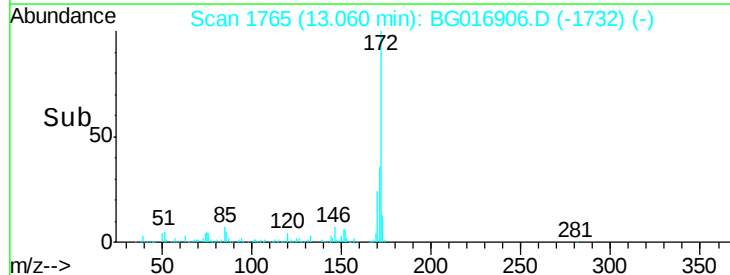
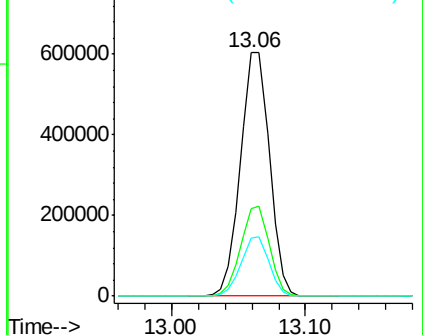


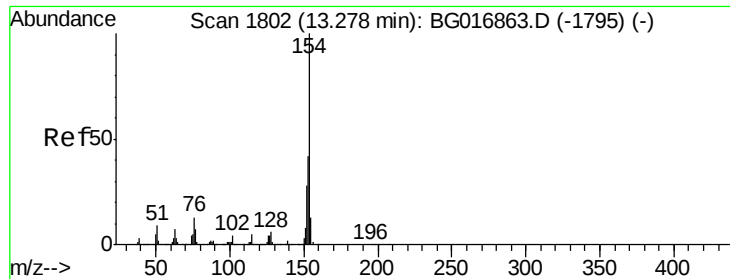
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

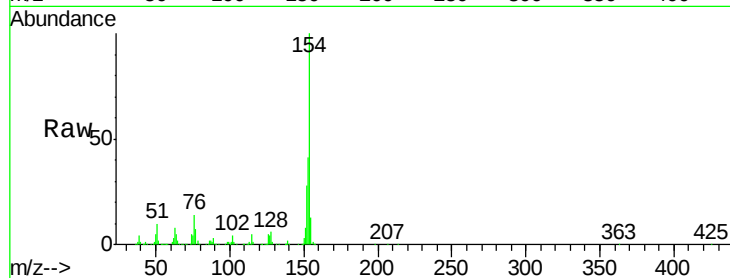




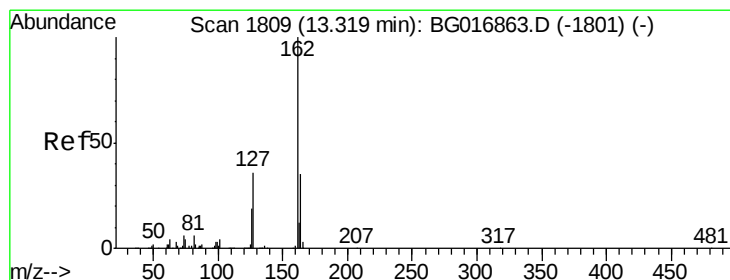
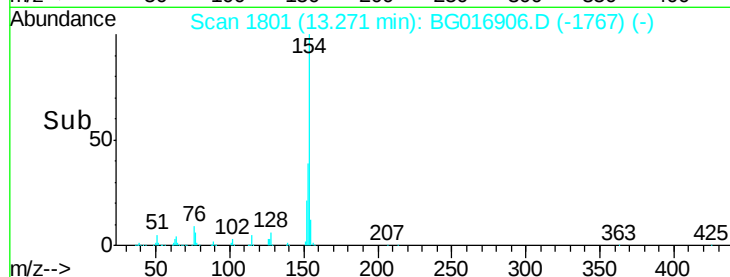
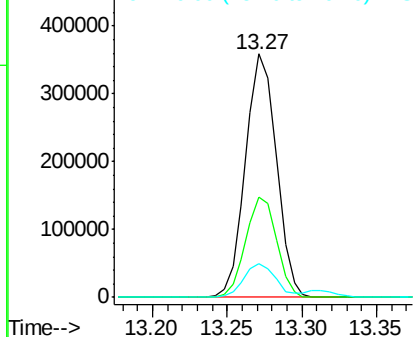
#45
1,1'-Biphenyl
Concen: 33.50 ng
RT: 13.27 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG016906.D
Acq: 6 May 2015 19:03

Instrument :
BNA_G
ClientSampleId :
PB83058BSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	22.0	62.0
76	14.1	0.0	33.3

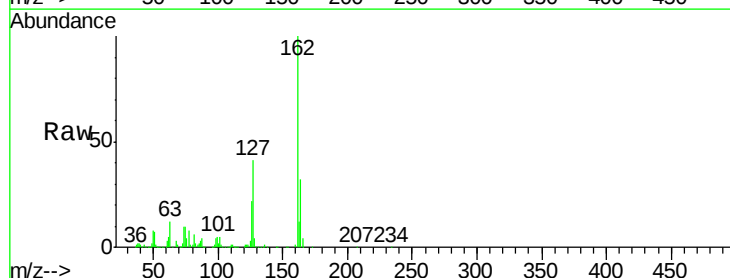


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): B

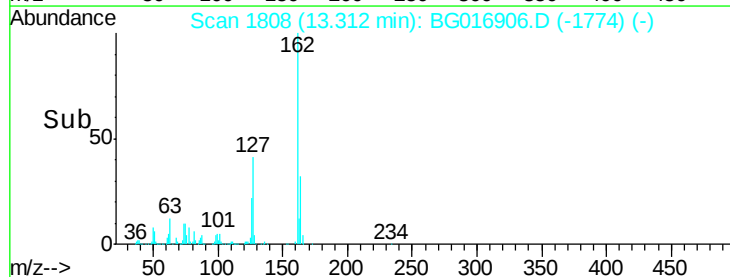
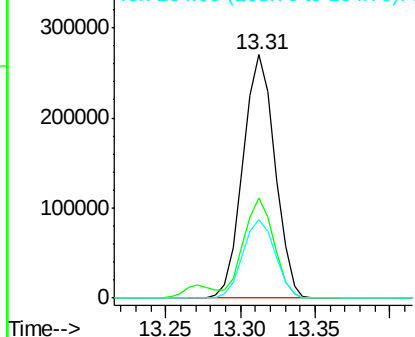


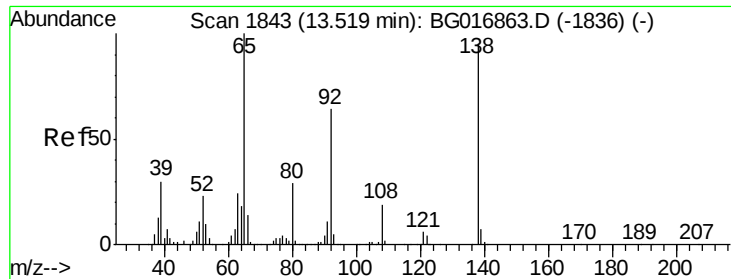
#46
2-Chloronaphthalene
Concen: 32.92 ng
RT: 13.31 min Scan# 1808
Delta R.T. -0.00 min
Lab File: BG016906.D
Acq: 6 May 2015 19:03

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.3	31.2	46.8
164	32.1	27.8	41.6



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 38.95 ng

RT: 13.52 min Scan# 1843

Delta R.T. -0.00 min

Lab File: BG016906.D

Acq: 6 May 2015 19:03

Instrument :

BNA_G

ClientSampleId :

PB83058BSD

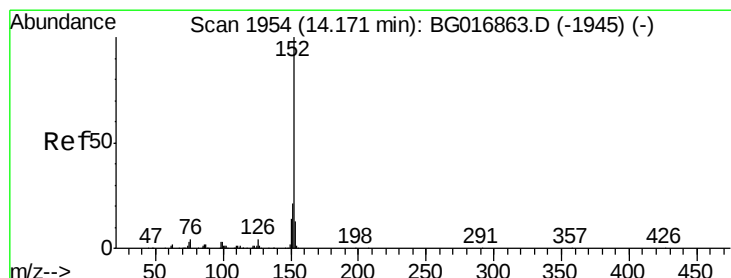
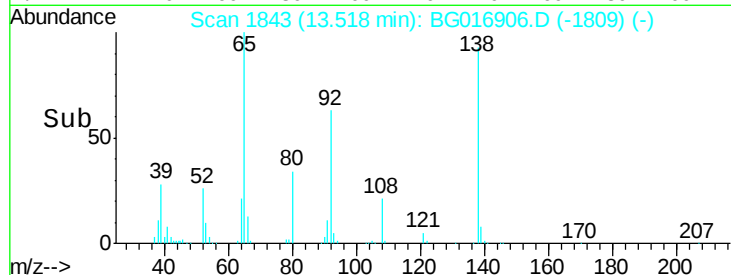
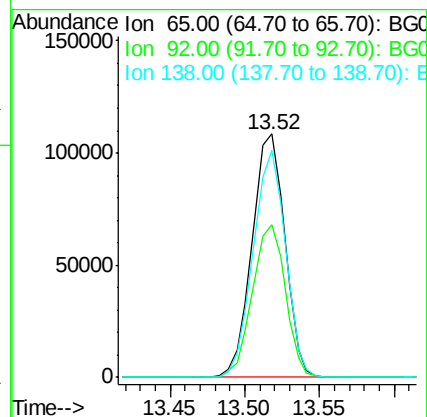
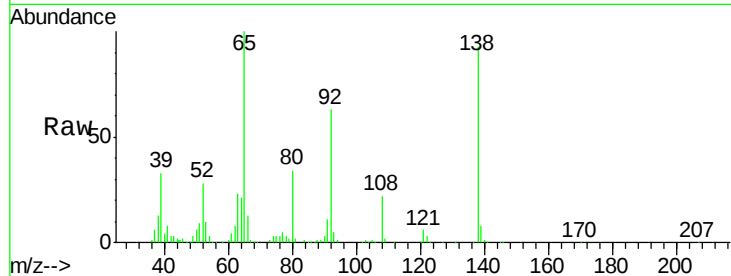
Tgt Ion: 65 Resp: 164841

Ion Ratio Lower Upper

65 100

92 62.8 51.0 76.6

138 93.2 76.2 114.2



#48

Acenaphthylene

Concen: 32.71 ng

RT: 14.16 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BG016906.D

Acq: 6 May 2015 19:03

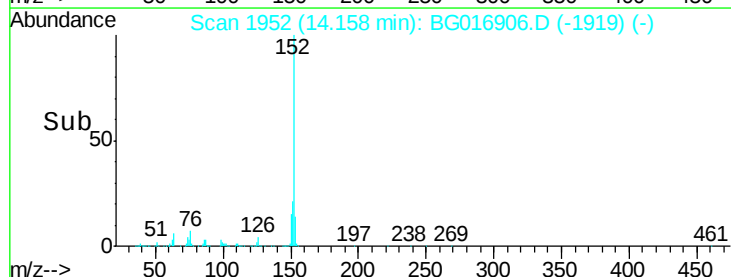
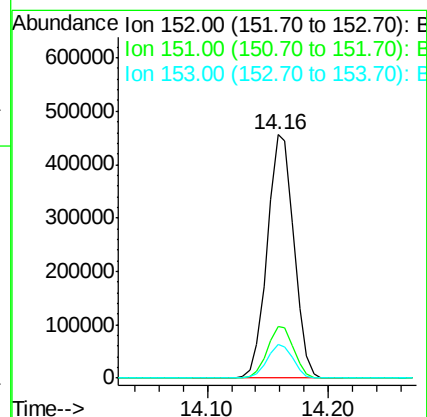
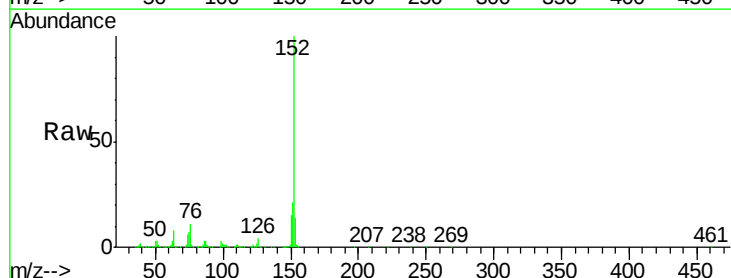
Tgt Ion: 152 Resp: 692460

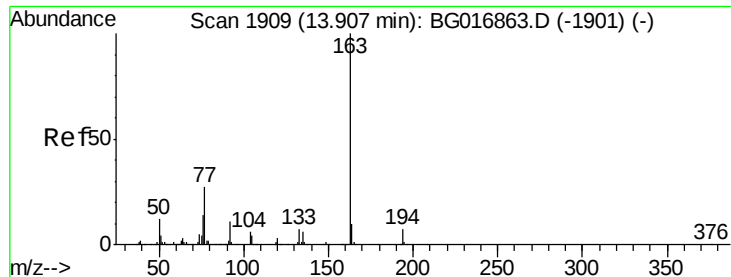
Ion Ratio Lower Upper

152 100

151 21.0 17.0 25.4

153 13.6 10.7 16.1





#49

Dimethylphthalate

Concen: 33.70 ng

RT: 13.90 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BG016906.D

Acq: 6 May 2015 19:03

Instrument :

BNA_G

ClientSampleId :

PB83058BSD

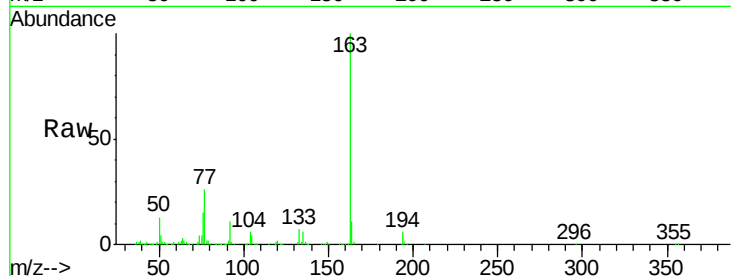
Tgt Ion:163 Resp: 539571

Ion Ratio Lower Upper

163 100

194 5.8 5.2 7.8

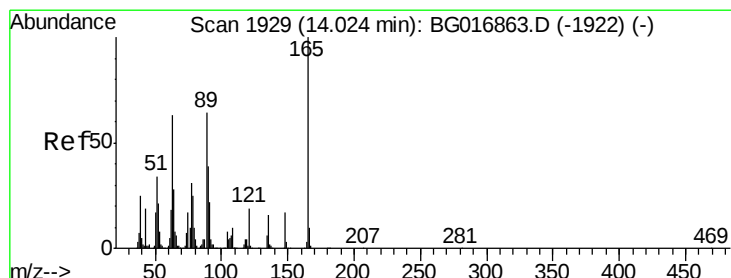
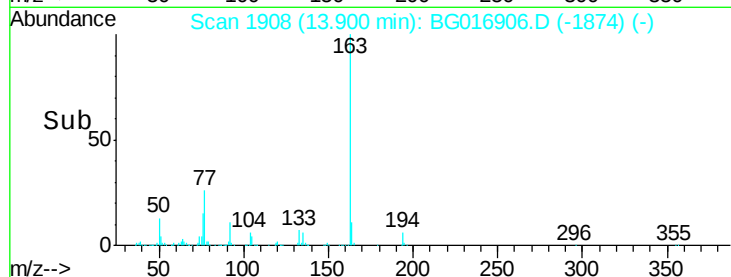
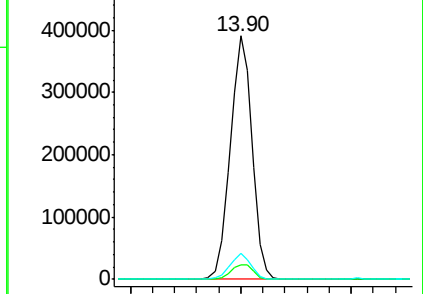
164 10.6 8.4 12.6



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: 36.29 ng

RT: 14.02 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG016906.D

Acq: 6 May 2015 19:03

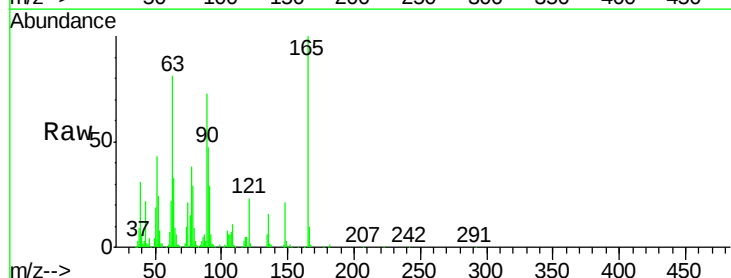
Tgt Ion:165 Resp: 120617

Ion Ratio Lower Upper

165 100

63 81.1 50.9 76.3#

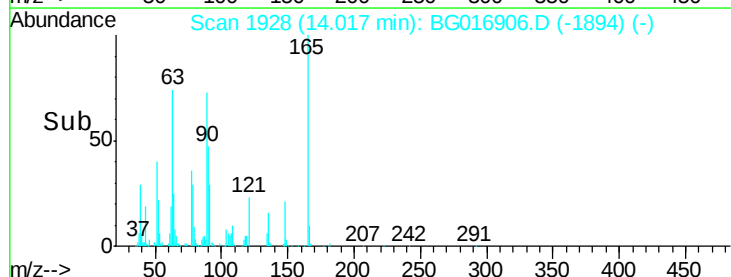
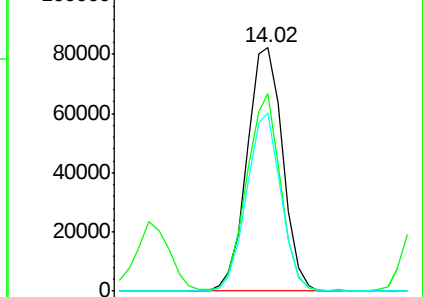
89 73.3 51.4 77.2



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: 32.78 ng

RT: 14.51 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BG016906.D

Acq: 6 May 2015 19:03

Instrument :

BNA_G

ClientSampleId :

PB83058BSD

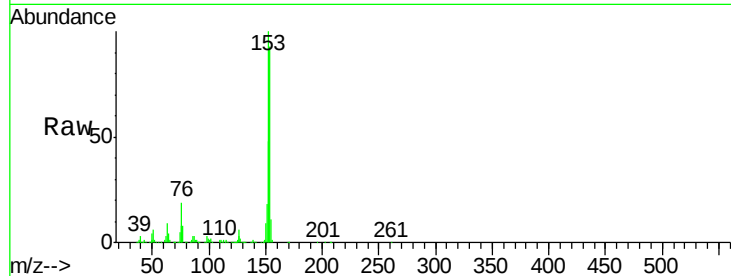
Tgt Ion:154 Resp: 413023

Ion Ratio Lower Upper

154 100

153 108.1 84.2 126.4

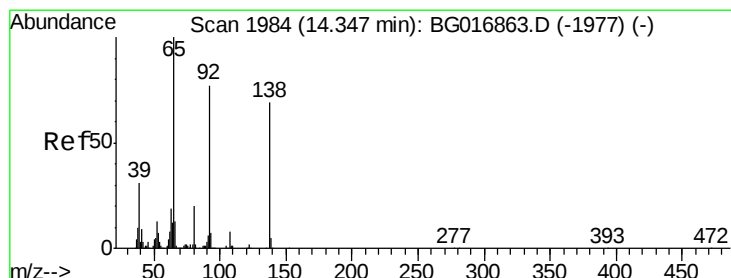
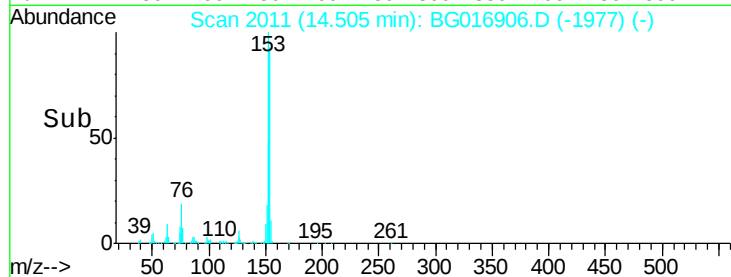
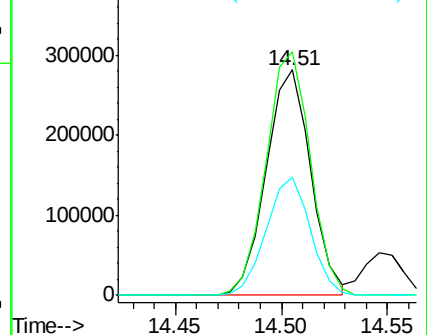
152 52.3 40.2 60.2



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: 25.43 ng

RT: 14.34 min Scan# 1983

Delta R.T. -0.01 min

Lab File: BG016906.D

Acq: 6 May 2015 19:03

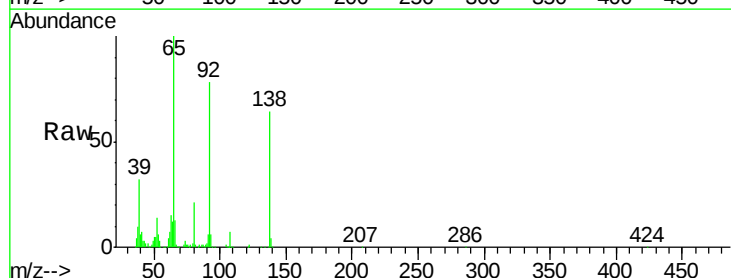
Tgt Ion:138 Resp: 96166

Ion Ratio Lower Upper

138 100

108 11.4 9.5 14.3

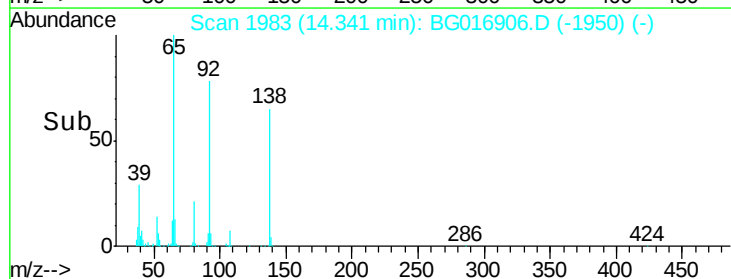
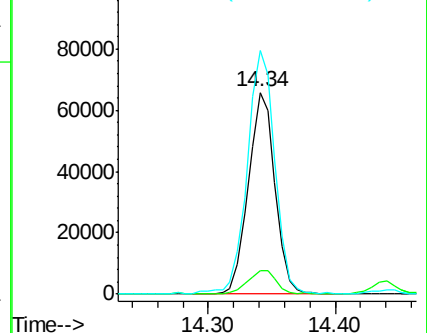
92 120.7 89.6 134.4

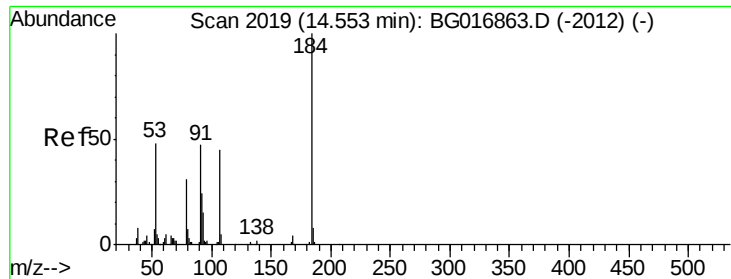


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

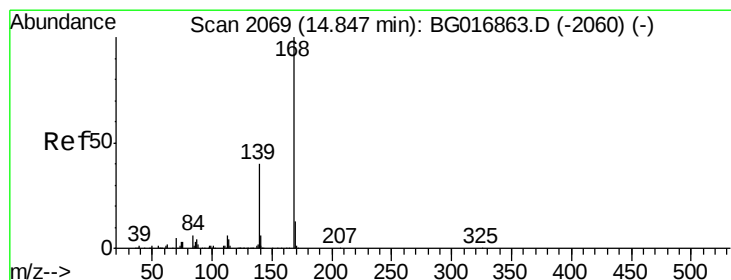
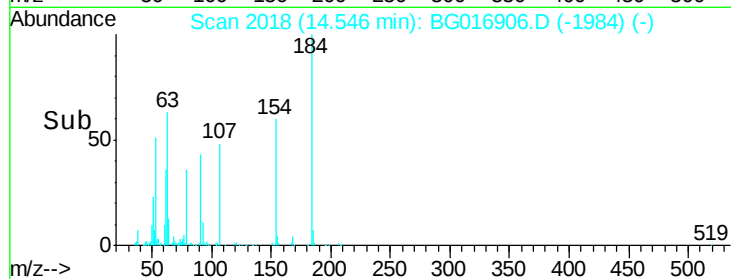
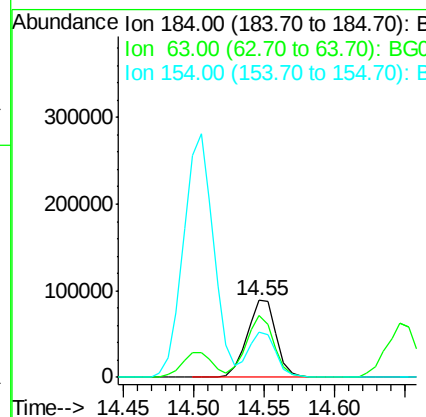
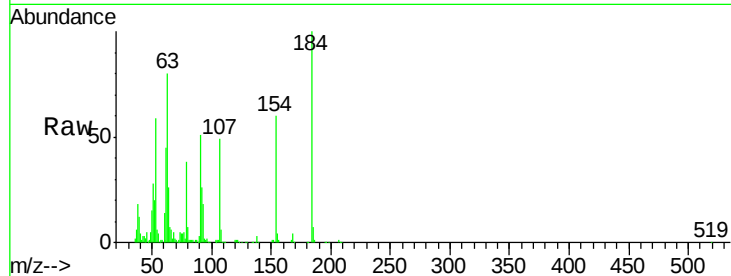




#53
2,4-Dinitrophenol
Concen: 84.53 ng
RT: 14.55 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BG016906.D
Acq: 6 May 2015 19:03

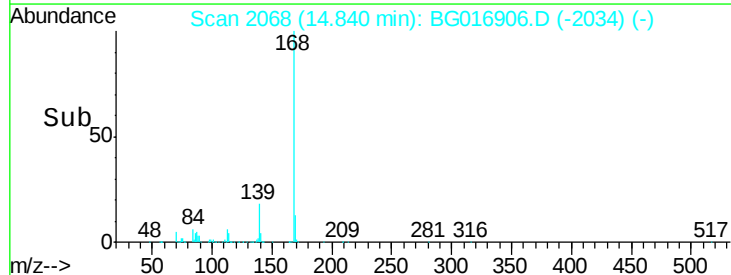
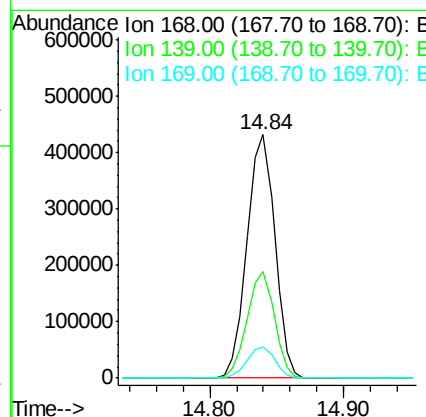
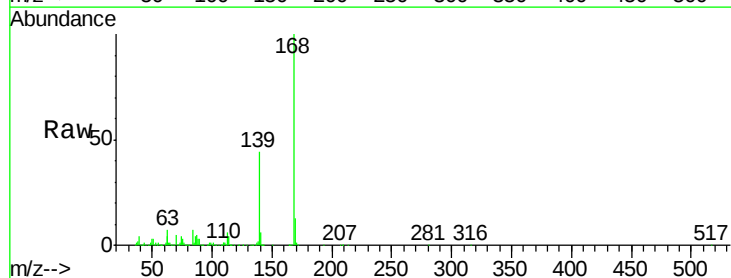
Instrument :
BNA_G
ClientSampleId :
PB83058BSD

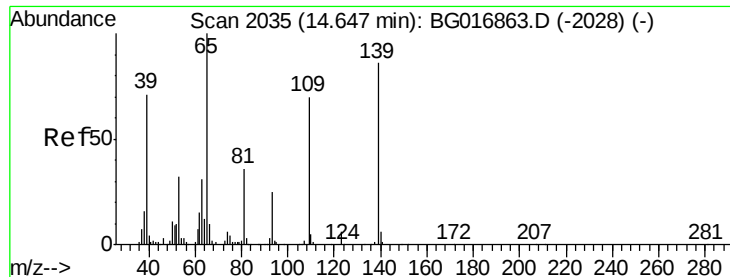
Tgt Ion:184 Resp: 128506
Ion Ratio Lower Upper
184 100
63 80.2 53.4 80.0#
154 59.6 41.0 61.6



#54
Dibenzofuran
Concen: 34.79 ng
RT: 14.84 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BG016906.D
Acq: 6 May 2015 19:03

Tgt Ion:168 Resp: 622413
Ion Ratio Lower Upper
168 100
139 44.0 32.5 48.7
169 13.0 10.4 15.6





#55

4-Nitrophenol

Concen: 75.88 ng

RT: 14.65 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BG016906.D

Acq: 6 May 2015 19:03

Instrument :

BNA_G

ClientSampleId :

PB83058BSD

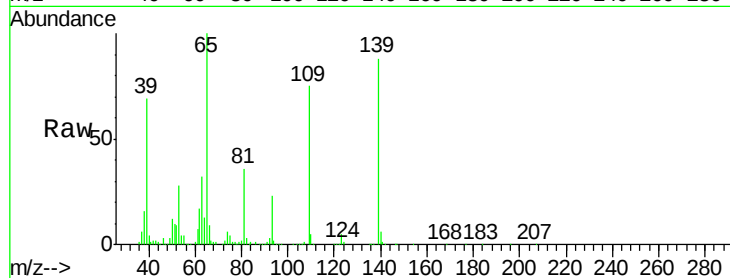
Tgt Ion:139 Resp: 243290

Ion Ratio Lower Upper

139 100

109 85.4 61.8 101.8

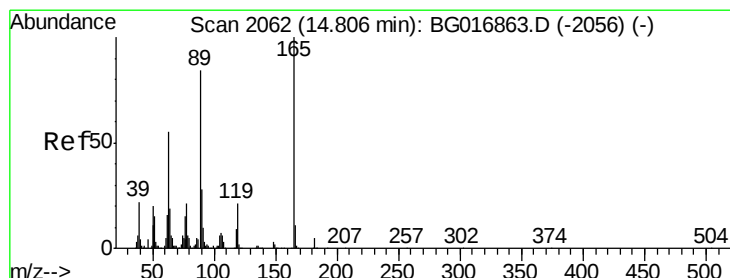
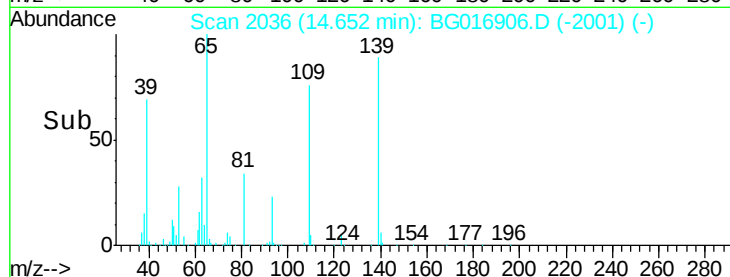
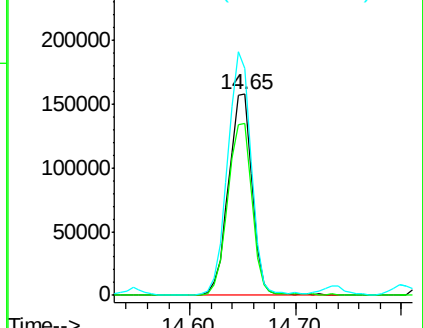
65 113.3 96.8 136.8



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: 40.48 ng

RT: 14.80 min Scan# 2062

Delta R.T. -0.00 min

Lab File: BG016906.D

Acq: 6 May 2015 19:03

Tgt Ion:165 Resp: 172128

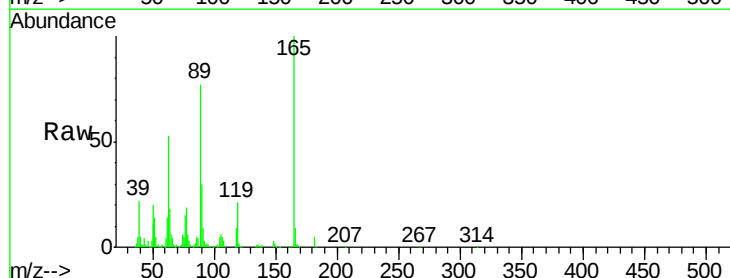
Ion Ratio Lower Upper

165 100

63 53.0 44.2 66.4

89 77.3 67.2 100.8

182 4.8 4.2 6.4

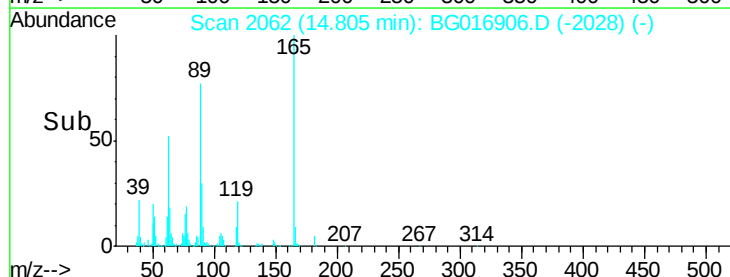
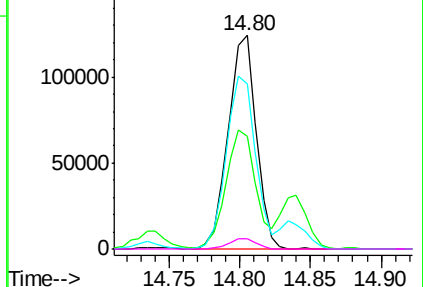


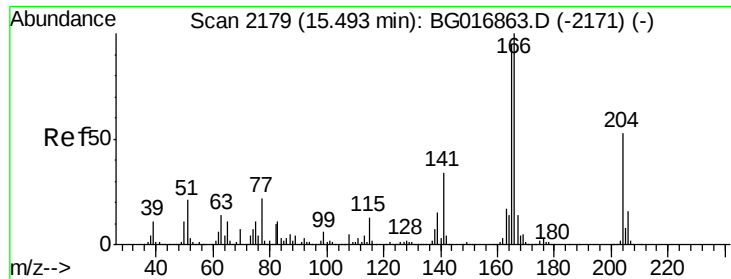
Abundance Ion 165.00 (164.70 to 165.70): E

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: 34.25 ng

RT: 15.49 min Scan# 2178

Delta R.T. -0.00 min

Lab File: BG016906.D

Acq: 6 May 2015 19:03

Instrument :

BNA_G

ClientSampleId :

PB83058BSD

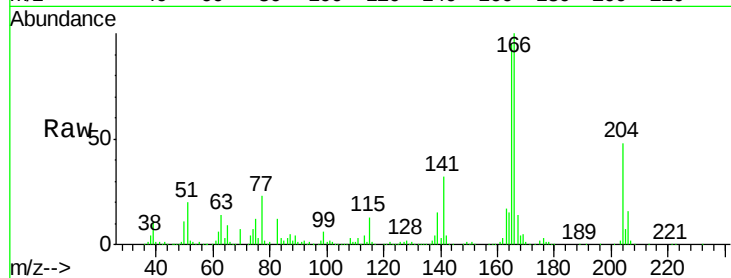
Tgt Ion:166 Resp: 542512

Ion Ratio Lower Upper

166 100

165 95.5 76.1 114.1

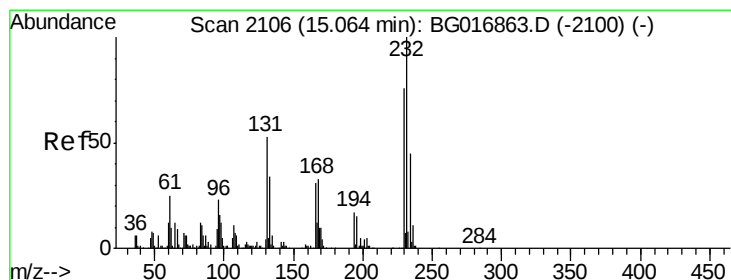
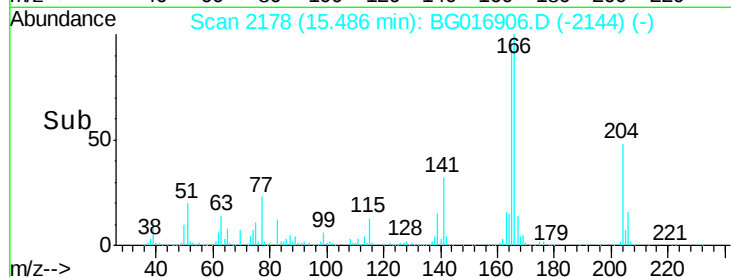
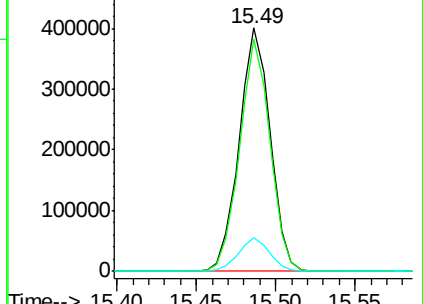
167 13.8 11.4 17.2



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: 35.92 ng

RT: 15.06 min Scan# 2106

Delta R.T. -0.00 min

Lab File: BG016906.D

Acq: 6 May 2015 19:03

Tgt Ion:232 Resp: 135139

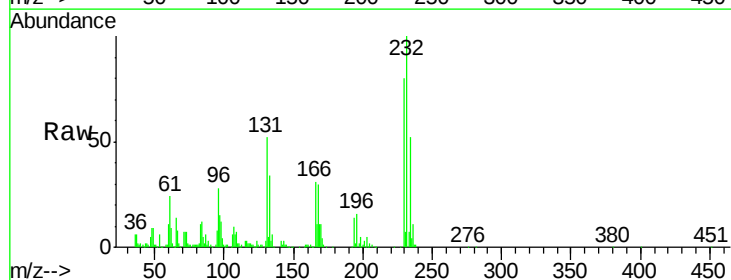
Ion Ratio Lower Upper

232 100

131 55.2 0.1 0.1#

130 3.2 0.0 0.0#

166 33.8 0.0 0.0#

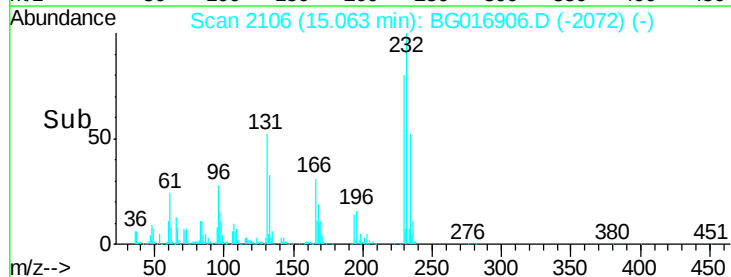
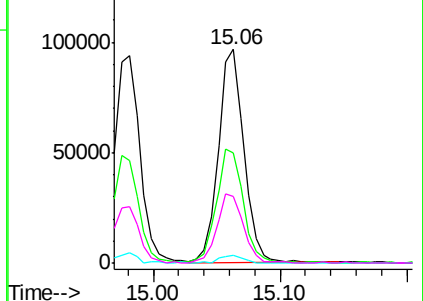


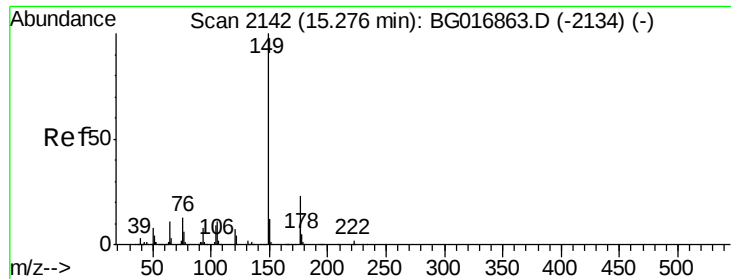
Abundance Ion 232.00 (231.70 to 232.70): E

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: 34.68 ng

RT: 15.27 min Scan# 2141

Delta R.T. -0.00 min

Lab File: BG016906.D

Acq: 6 May 2015 19:03

Instrument :

BNA_G

ClientSampleId :

PB83058BSD

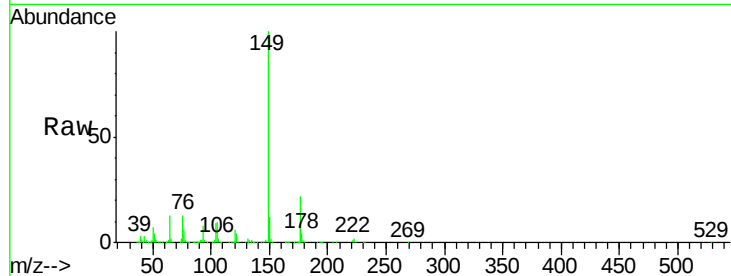
Tgt Ion:149 Resp: 586144

Ion Ratio Lower Upper

149 100

177 22.0 18.6 27.8

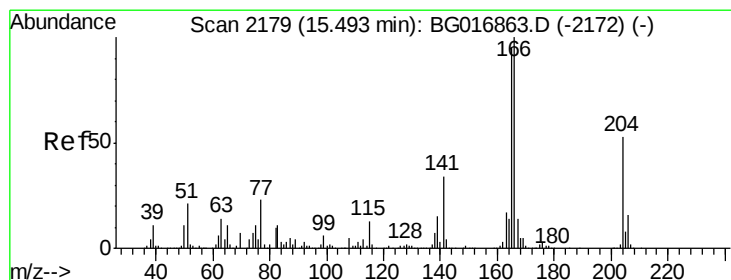
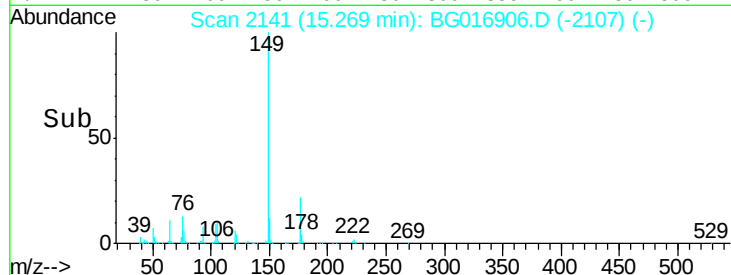
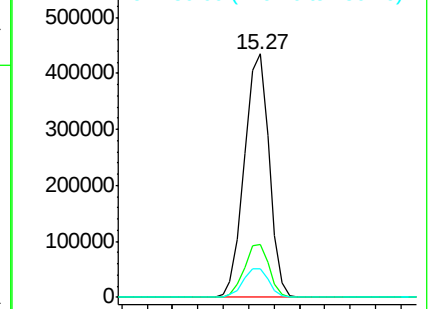
150 11.8 9.8 14.8



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: 33.53 ng

RT: 15.49 min Scan# 2178

Delta R.T. -0.00 min

Lab File: BG016906.D

Acq: 6 May 2015 19:03

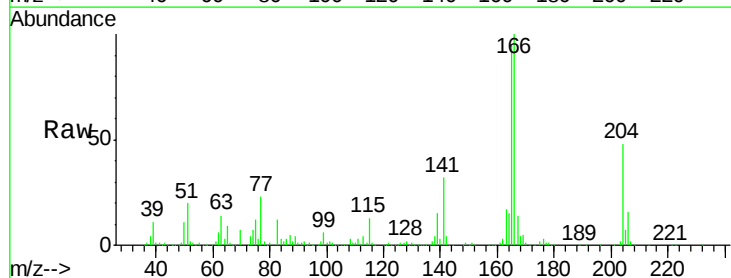
Tgt Ion:204 Resp: 266850

Ion Ratio Lower Upper

204 100

206 34.1 24.8 37.2

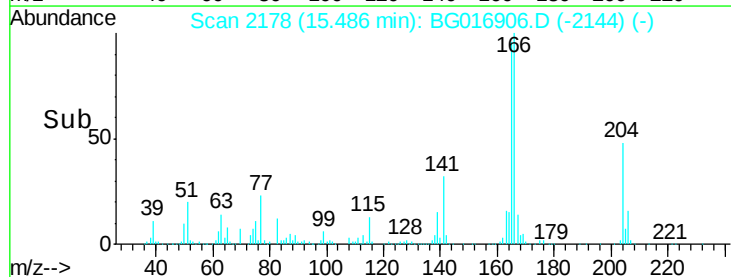
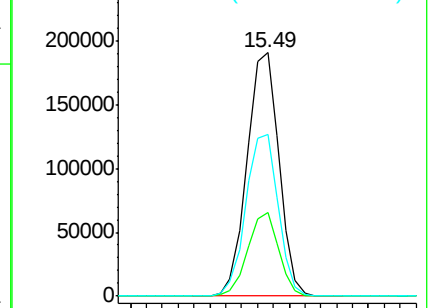
141 66.6 52.4 78.6

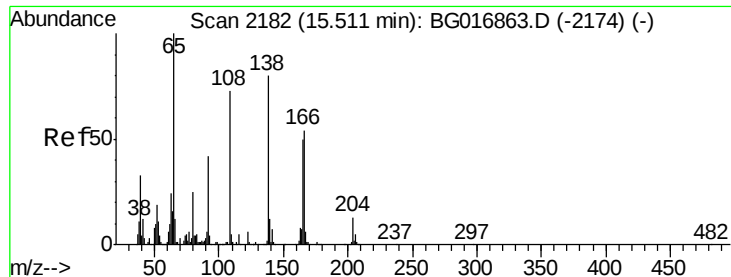


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

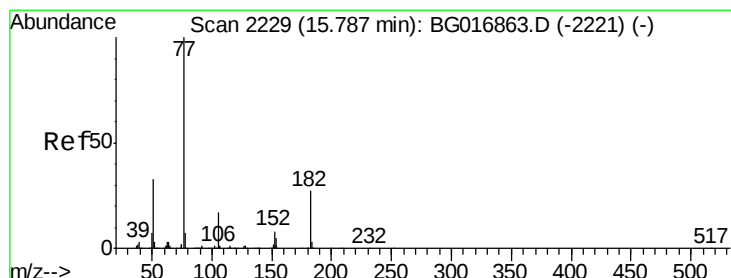
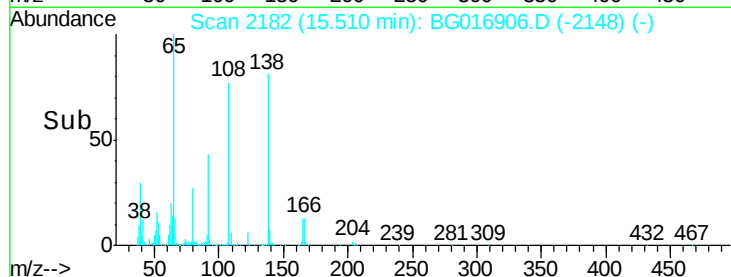
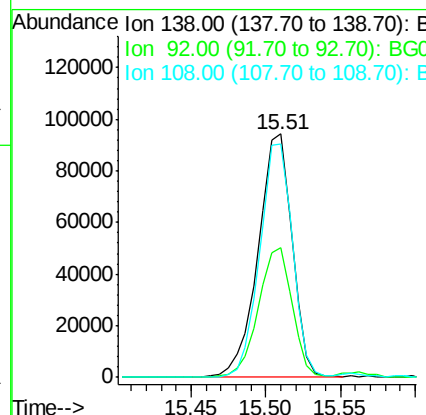
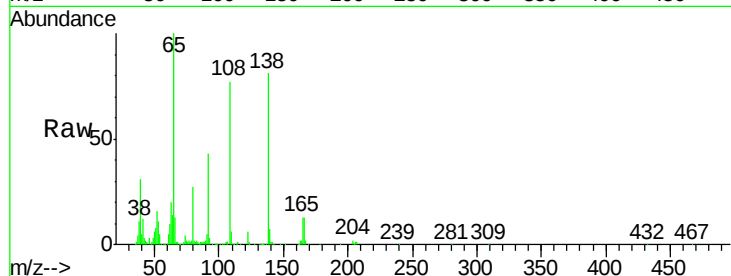




#61
4-Nitroaniline
Concen: 33.74 ng
RT: 15.51 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BG016906.D
Acq: 6 May 2015 19:03

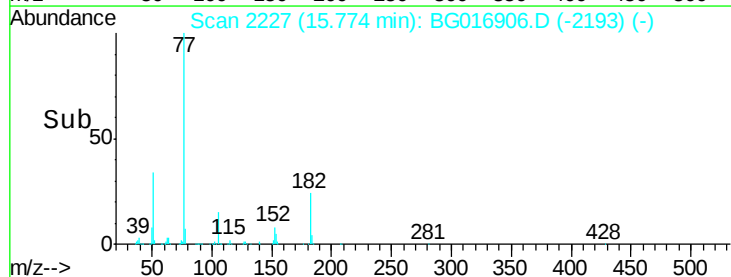
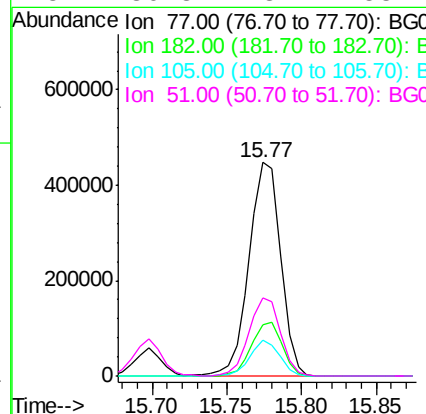
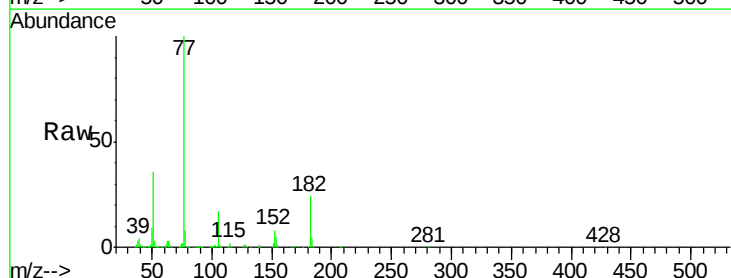
Instrument :
BNA_G
ClientSampleId :
PB83058BSD

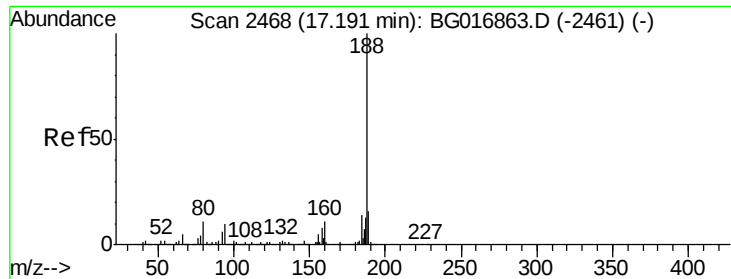
Tgt Ion:138 Resp: 147917
Ion Ratio Lower Upper
138 100
92 53.2 31.8 71.8
108 95.8 70.6 110.6



#62
Azobenzene
Concen: 37.31 ng
RT: 15.77 min Scan# 2227
Delta R.T. -0.00 min
Lab File: BG016906.D
Acq: 6 May 2015 19:03

Tgt Ion: 77 Resp: 652999
Ion Ratio Lower Upper
77 100
182 24.2 7.4 47.4
105 16.8 0.0 36.6
51 36.3 13.4 53.4

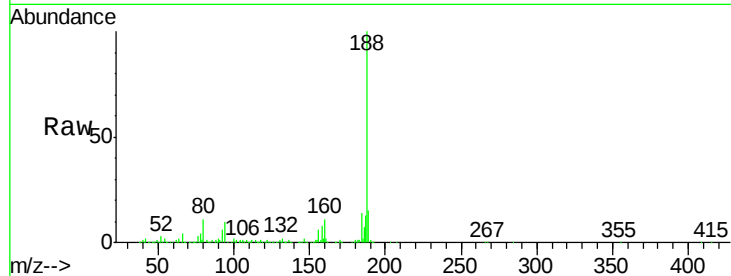




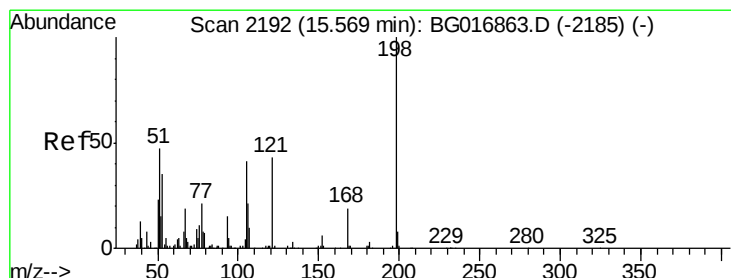
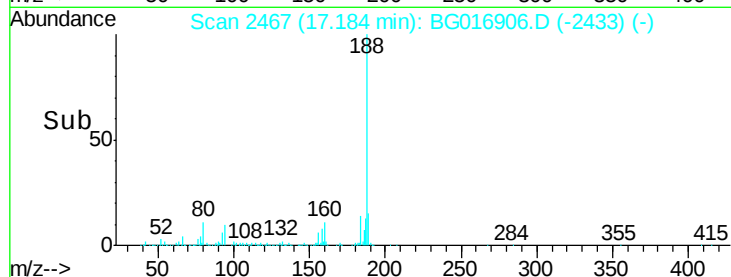
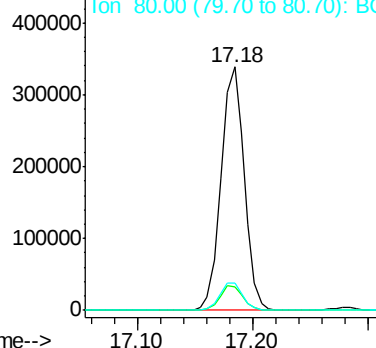
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.18 min Scan# 2467
Delta R.T. -0.00 min
Lab File: BG016906.D
Acq: 6 May 2015 19:03

Instrument :
BNA_G
ClientSampleId :
PB83058BSD

Tgt Ion:188 Resp: 472314
Ion Ratio Lower Upper
188 100
94 9.7 8.2 12.4
80 11.3 8.8 13.2

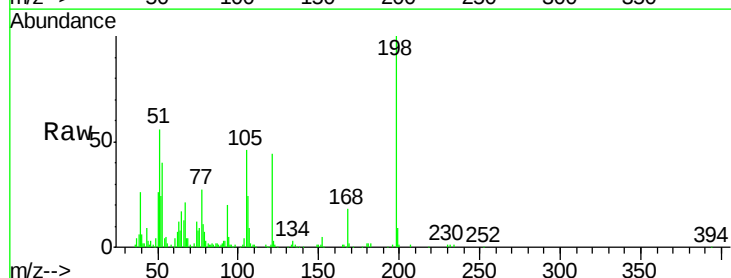


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

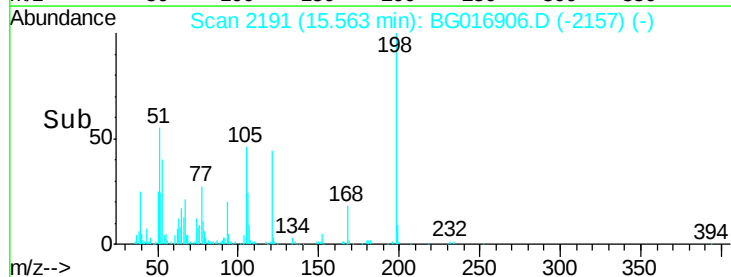
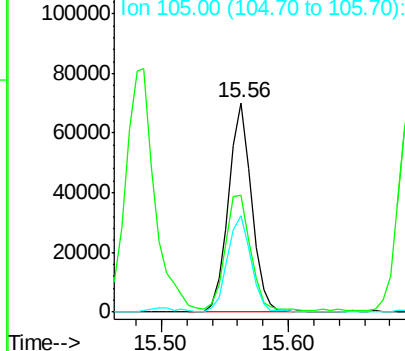


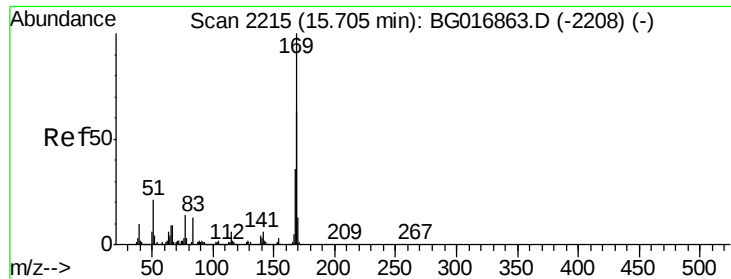
#64
4,6-Dinitro-2-methylphenol
Concen: 37.65 ng
RT: 15.56 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BG016906.D
Acq: 6 May 2015 19:03

Tgt Ion:198 Resp: 88181
Ion Ratio Lower Upper
198 100
51 55.7 31.2 71.2
105 45.8 22.0 62.0



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

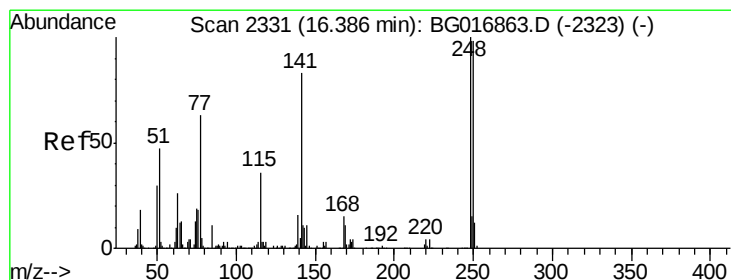
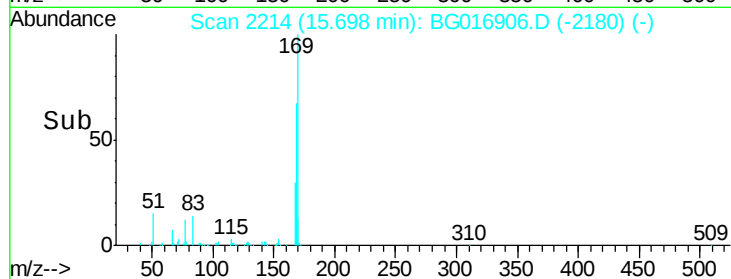
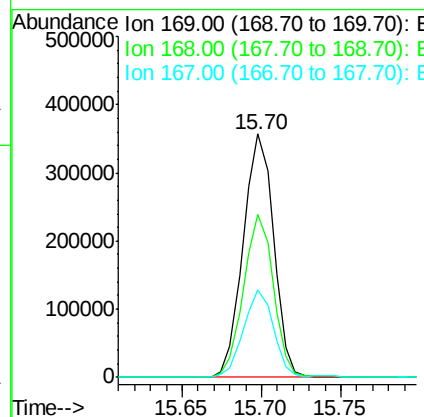
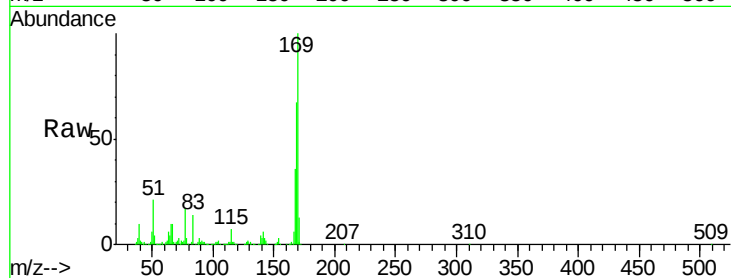




#65
n-Nitrosodiphenylamine
Concen: 33.08 ng
RT: 15.70 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BG016906.D
Acq: 6 May 2015 19:03

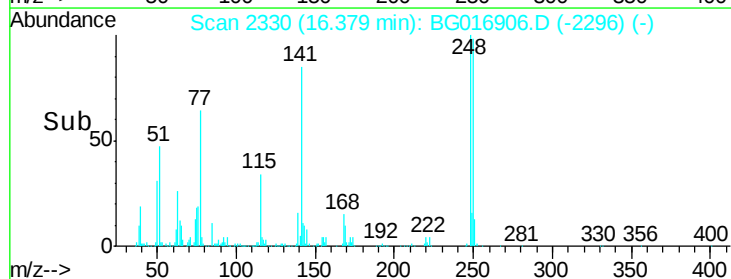
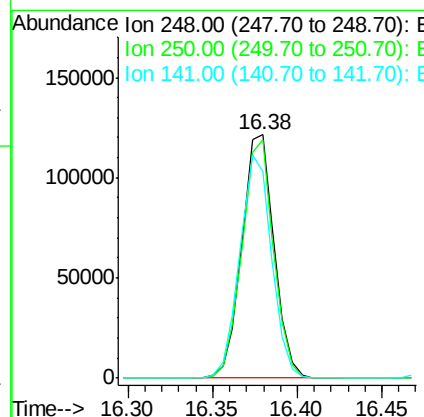
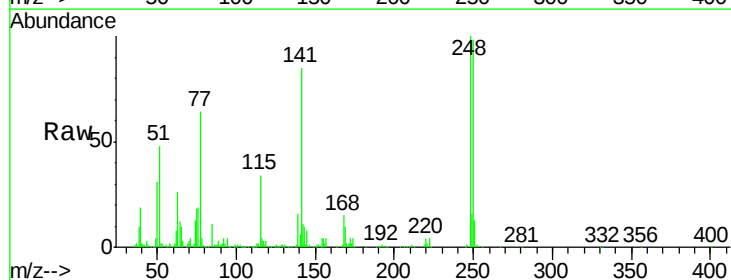
Instrument :
BNA_G
ClientSampleId :
PB83058BSD

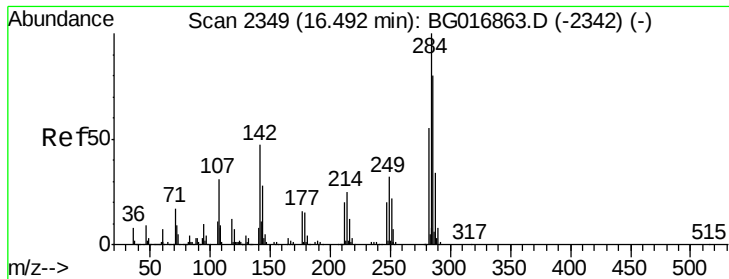
Tgt Ion:169 Resp: 476974
Ion Ratio Lower Upper
169 100
168 67.1 50.6 76.0
167 36.0 29.0 43.4



#66
4-Bromophenyl-phenylether
Concen: 34.05 ng
RT: 16.38 min Scan# 2330
Delta R.T. -0.00 min
Lab File: BG016906.D
Acq: 6 May 2015 19:03

Tgt Ion:248 Resp: 161411
Ion Ratio Lower Upper
248 100
250 98.1 78.6 117.8
141 84.6 66.3 99.5

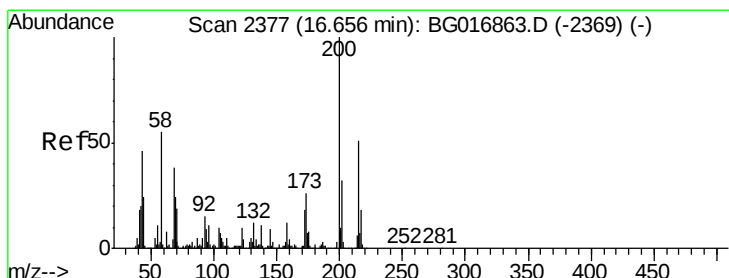
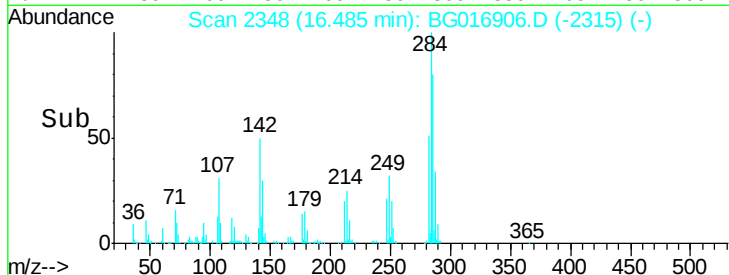
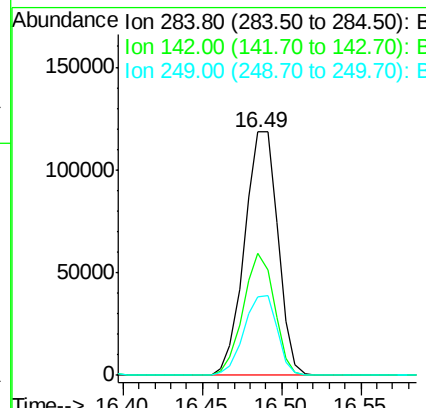
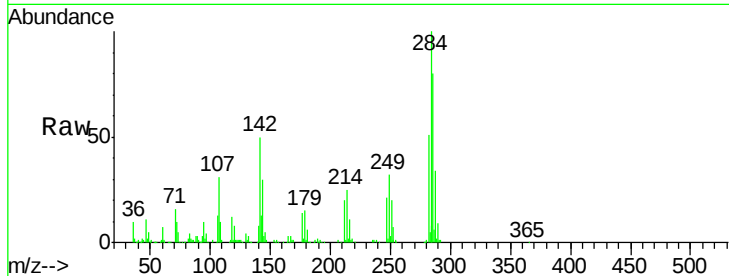




#67
Hexachlorobenzene
Concen: 34.65 ng
RT: 16.49 min Scan# 2348
Delta R.T. -0.01 min
Lab File: BG016906.D
Acq: 6 May 2015 19:03

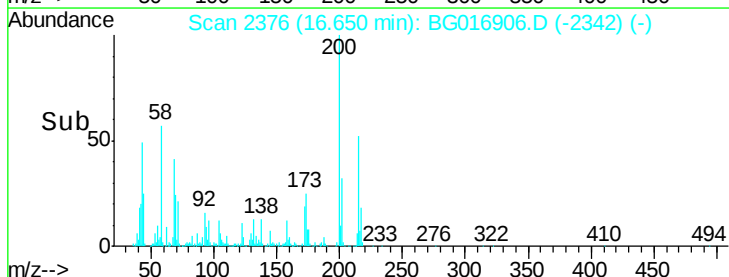
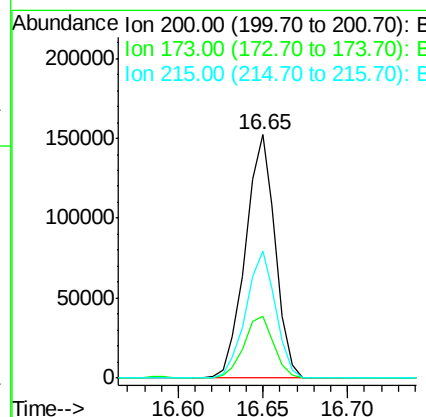
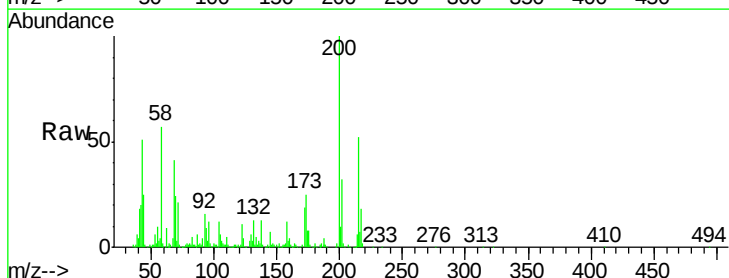
Instrument :
BNA_G
ClientSampleId :
PB83058BSD

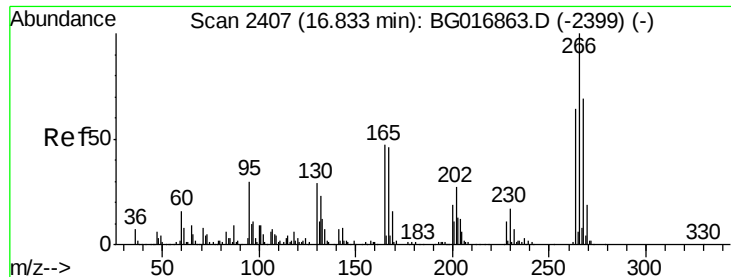
Tgt Ion	Ratio	Lower	Upper
284	100		
142	50.1	37.4	56.0
249	32.0	25.5	38.3



#68
Atrazine
Concen: 36.04 ng
RT: 16.65 min Scan# 2376
Delta R.T. -0.00 min
Lab File: BG016906.D
Acq: 6 May 2015 19:03

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.2	6.1	46.1
215	52.0	30.8	70.8





#69

Pentachlorophenol

Concen: 72.04 ng

RT: 16.83 min Scan# 2407

Delta R.T. -0.00 min

Lab File: BG016906.D

Acq: 6 May 2015 19:03

Instrument :

BNA_G

ClientSampleId :

PB83058BSD

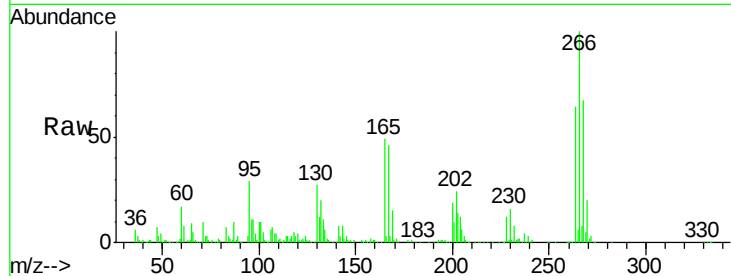
Tgt Ion:266 Resp: 233820

Ion Ratio Lower Upper

266 100

268 67.5 55.2 82.8

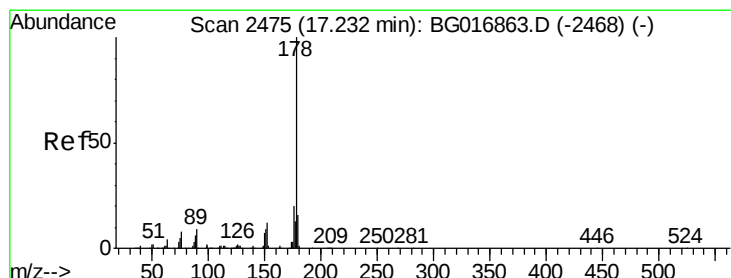
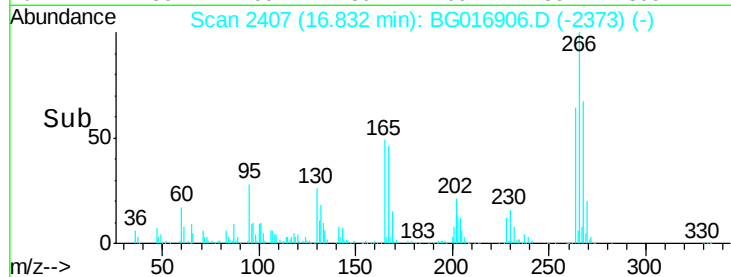
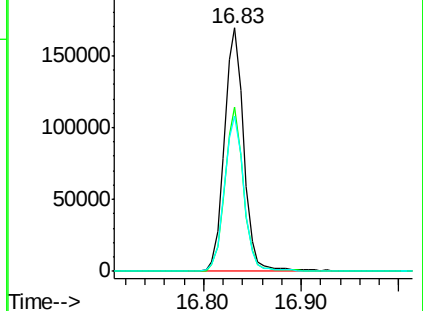
264 63.6 51.4 77.0



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: 33.17 ng

RT: 17.23 min Scan# 2474

Delta R.T. -0.00 min

Lab File: BG016906.D

Acq: 6 May 2015 19:03

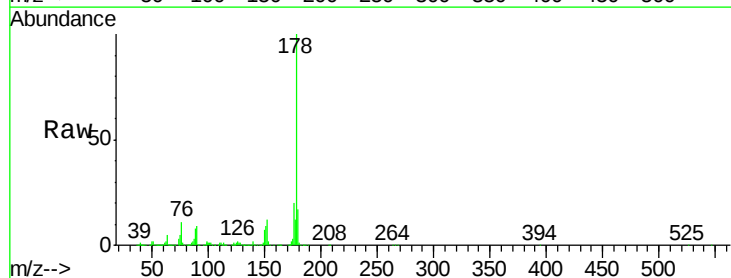
Tgt Ion:178 Resp: 806185

Ion Ratio Lower Upper

178 100

176 20.2 16.0 24.0

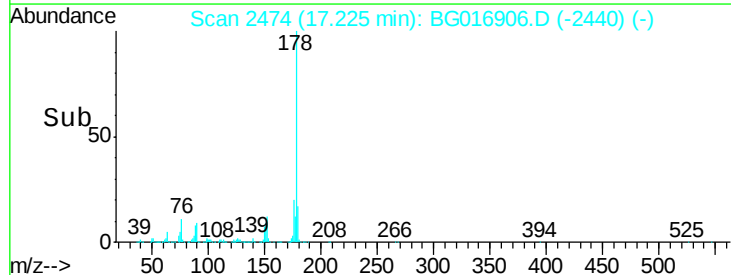
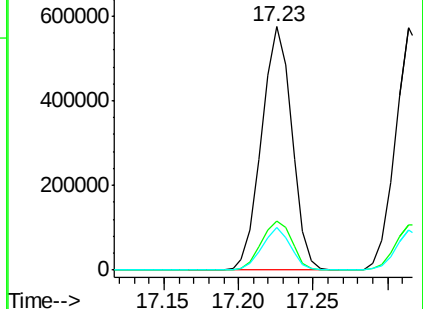
179 17.4 13.0 19.6

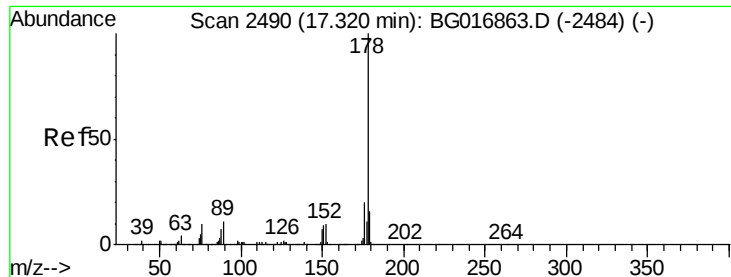


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 34.12 ng

RT: 17.31 min Scan# 2489

Delta R.T. -0.01 min

Lab File: BG016906.D

Acq: 6 May 2015 19:03

Instrument :

BNA_G

ClientSampleId :

PB83058BSD

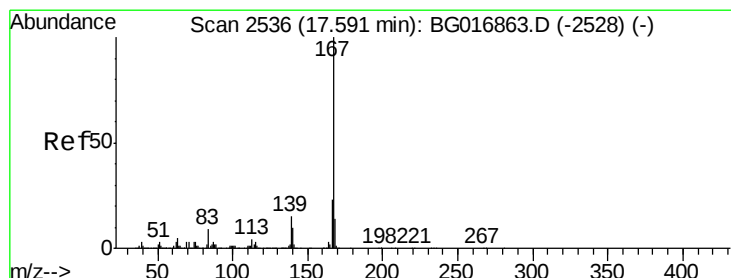
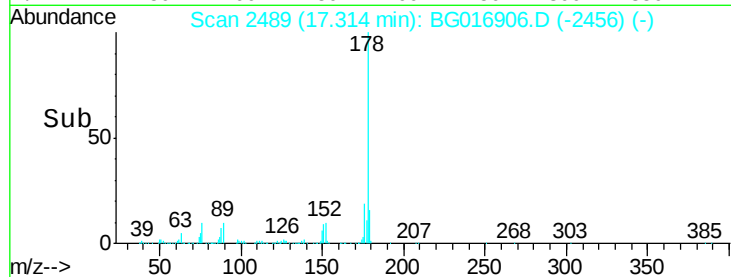
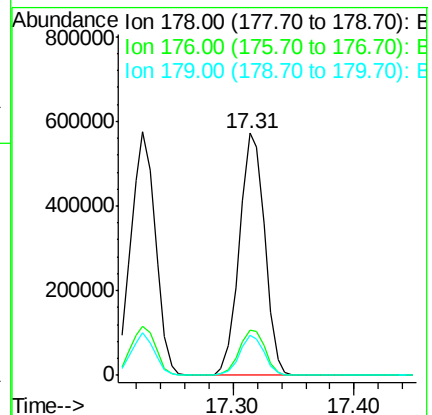
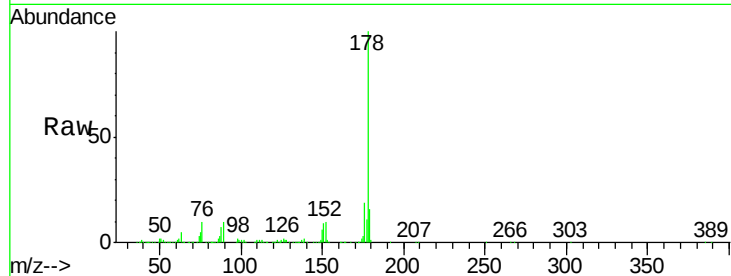
Tgt Ion:178 Resp: 836703

Ion Ratio Lower Upper

178 100

176 19.0 16.2 24.4

179 16.4 13.1 19.7



#72

Carbazole

Concen: 34.45 ng

RT: 17.58 min Scan# 2535

Delta R.T. -0.00 min

Lab File: BG016906.D

Acq: 6 May 2015 19:03

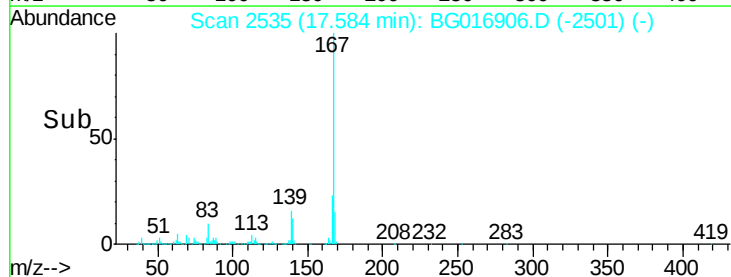
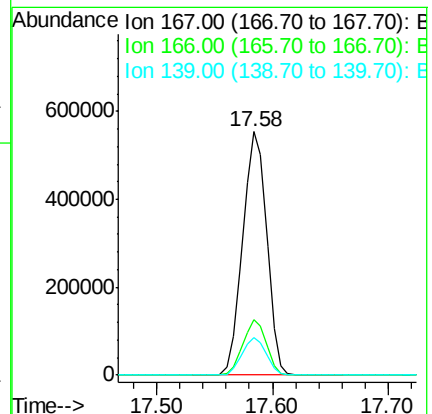
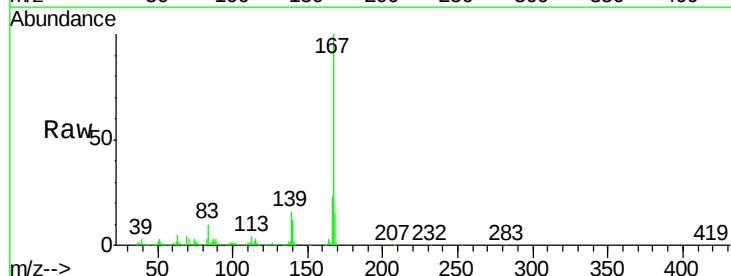
Tgt Ion:167 Resp: 803143

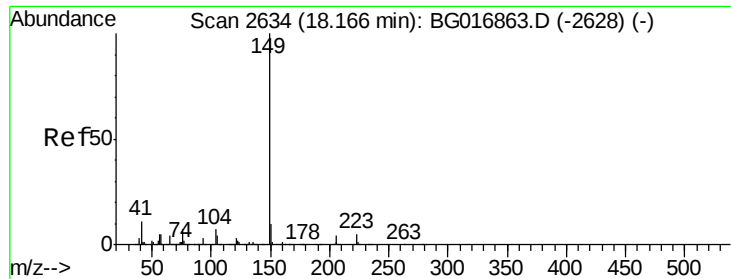
Ion Ratio Lower Upper

167 100

166 22.9 18.4 27.6

139 15.7 12.2 18.4





#73

Di-n-butylphthalate

Concen: 34.29 ng

RT: 18.15 min Scan# 2632

Delta R.T. -0.01 min

Lab File: BG016906.D

Acq: 6 May 2015 19:03

Instrument :

BNA_G

ClientSampleId :

PB83058BSD

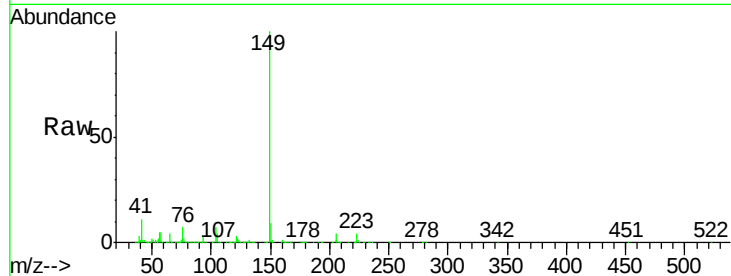
Tgt Ion:149 Resp: 1036184

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

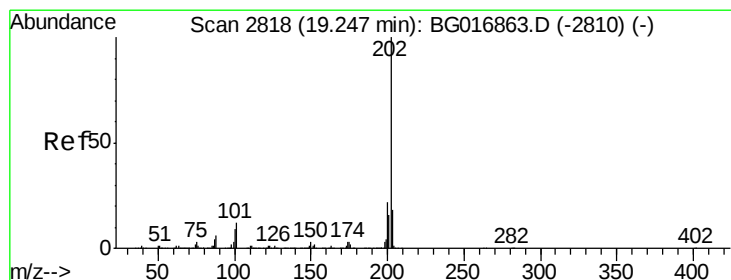
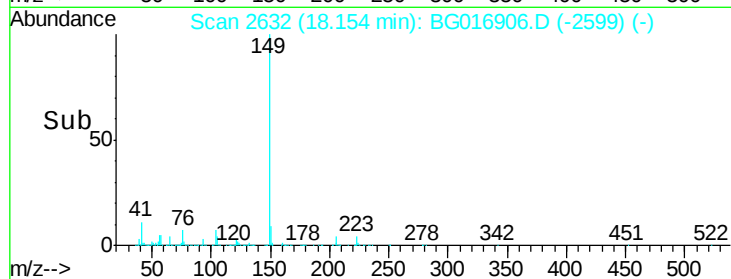
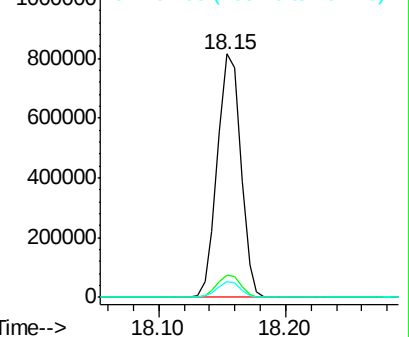
104 6.7 5.4 8.0



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: 33.41 ng

RT: 19.24 min Scan# 2817

Delta R.T. -0.00 min

Lab File: BG016906.D

Acq: 6 May 2015 19:03

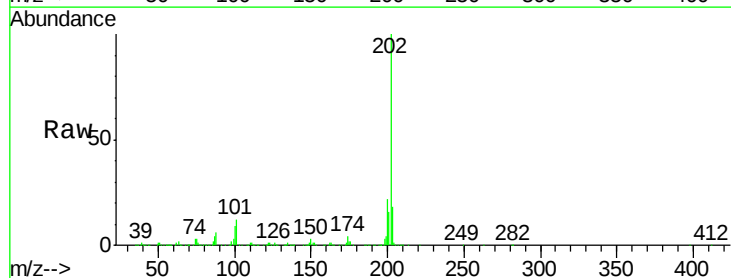
Tgt Ion:202 Resp: 942302

Ion Ratio Lower Upper

202 100

101 12.3 0.0 31.5

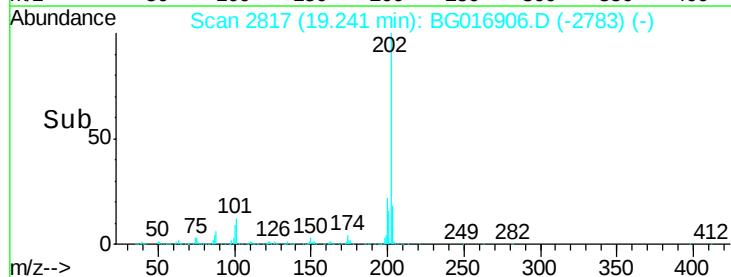
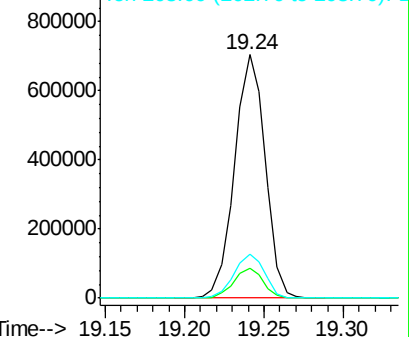
203 18.1 0.0 38.1

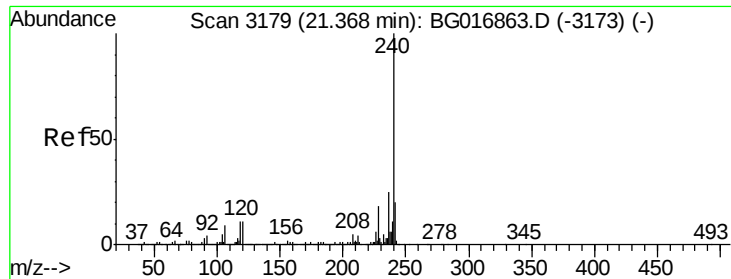


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.36 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BG016906.D

Acq: 6 May 2015 19:03

Instrument :

BNA_G

ClientSampleId :

PB83058BSD

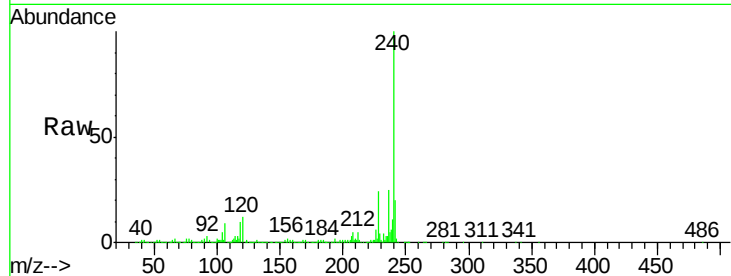
Tgt Ion:240 Resp: 475115

Ion Ratio Lower Upper

240 100

120 12.1 9.1 13.7

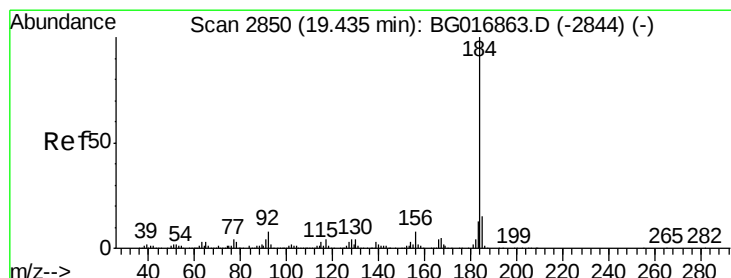
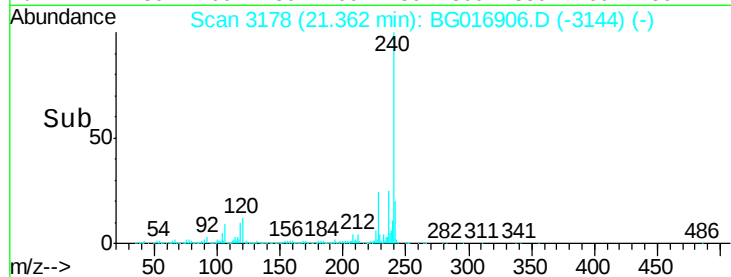
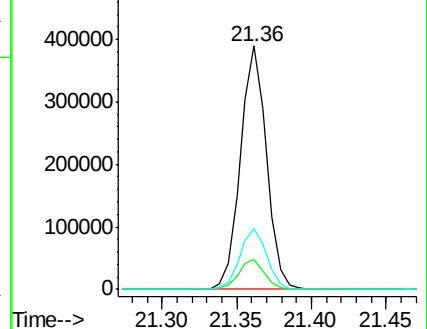
236 24.8 20.2 30.4



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: 20.32 ng

RT: 19.43 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG016906.D

Acq: 6 May 2015 19:03

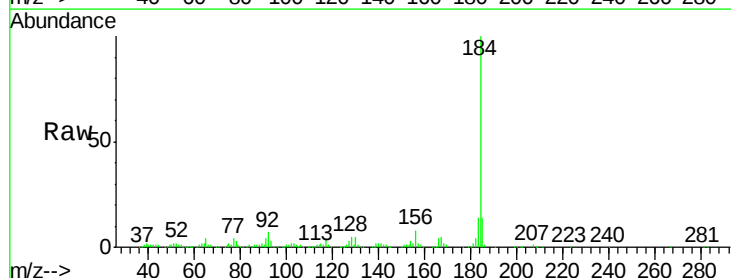
Tgt Ion:184 Resp: 328092

Ion Ratio Lower Upper

184 100

185 14.2 11.8 17.6

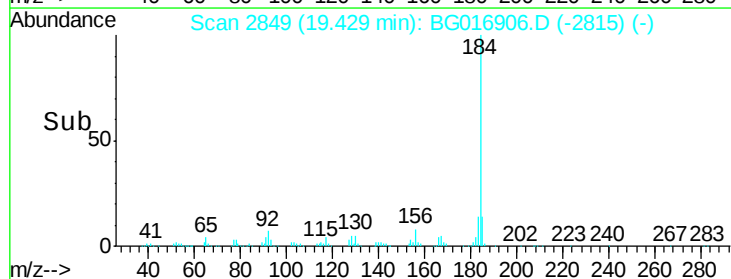
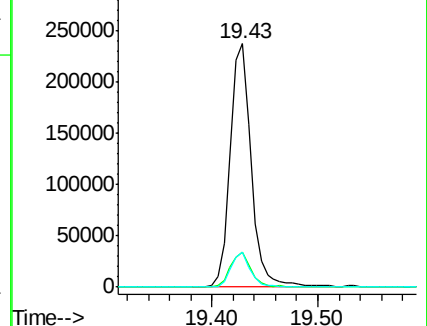
183 14.2 10.6 15.8

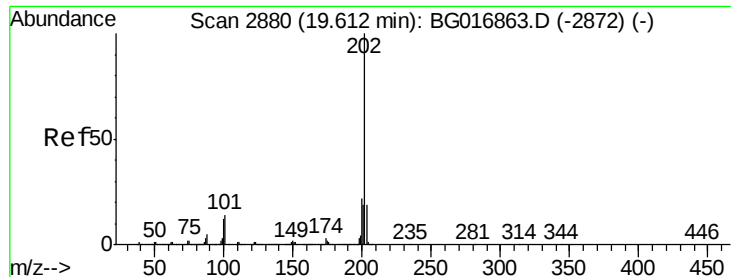


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 34.29 ng

RT: 19.61 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG016906.D

Acq: 6 May 2015 19:03

Instrument :

BNA_G

ClientSampleId :

PB83058BSD

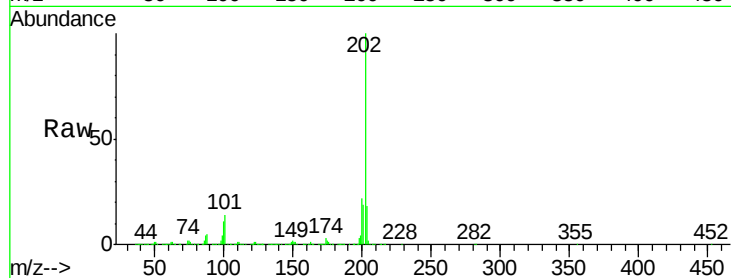
Tgt Ion:202 Resp: 961485

Ion Ratio Lower Upper

202 100

200 22.5 17.9 26.9

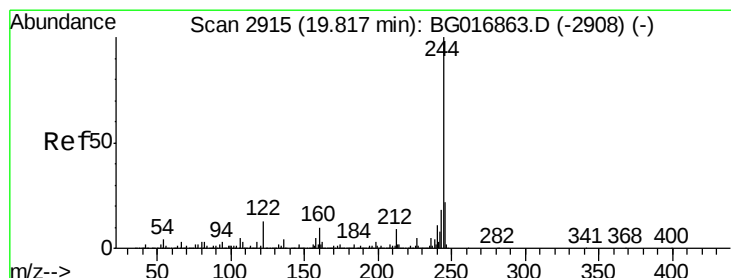
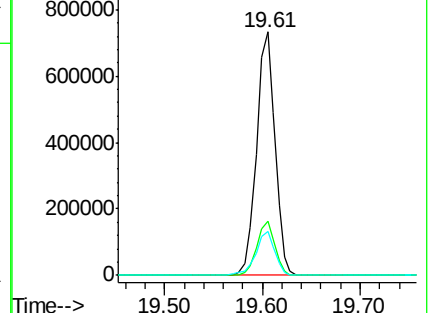
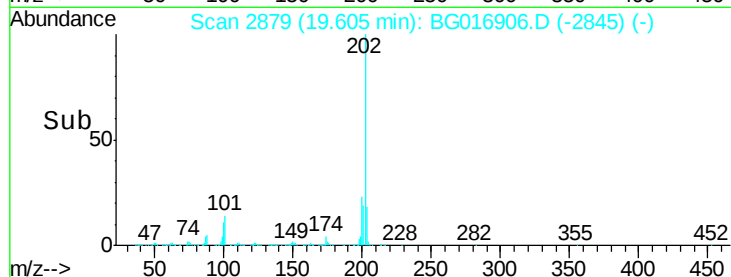
203 17.9 15.2 22.8



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: 69.29 ng

RT: 19.81 min Scan# 2914

Delta R.T. -0.00 min

Lab File: BG016906.D

Acq: 6 May 2015 19:03

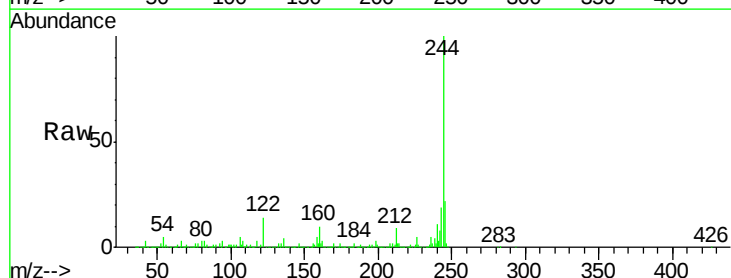
Tgt Ion:244 Resp: 1404400

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

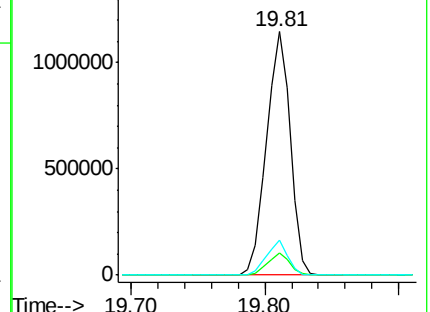
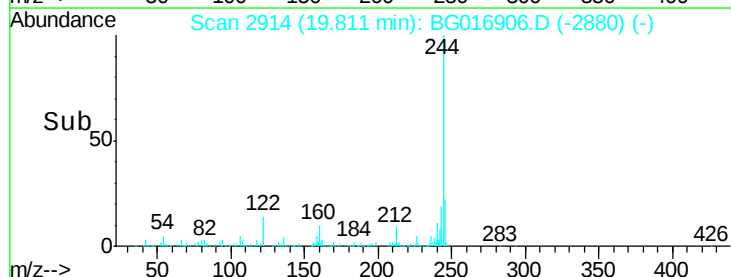
122 14.1 10.4 15.6

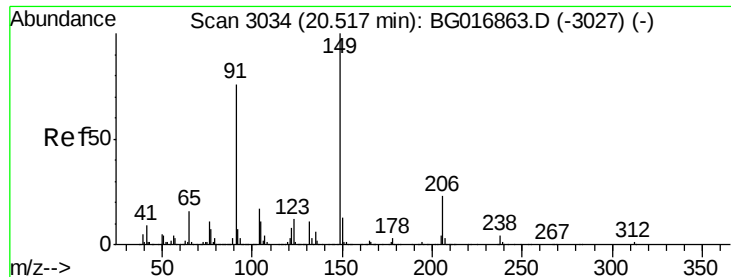


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 34.93 ng

RT: 20.50 min Scan# 3032

Delta R.T. -0.00 min

Lab File: BG016906.D

Acq: 6 May 2015 19:03

Instrument :

BNA_G

ClientSampleId :

PB83058BSD

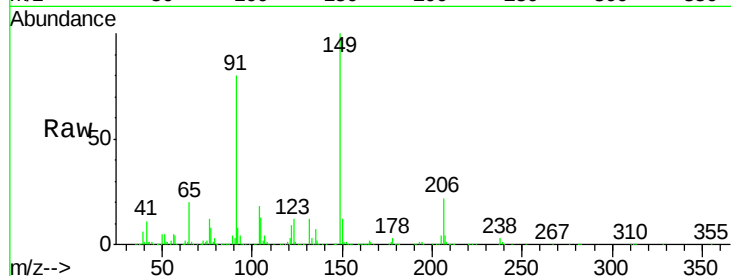
Tgt Ion:149 Resp: 465476

Ion Ratio Lower Upper

149 100

91 80.1 60.6 91.0

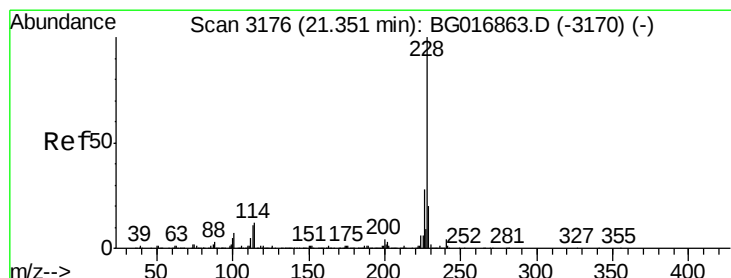
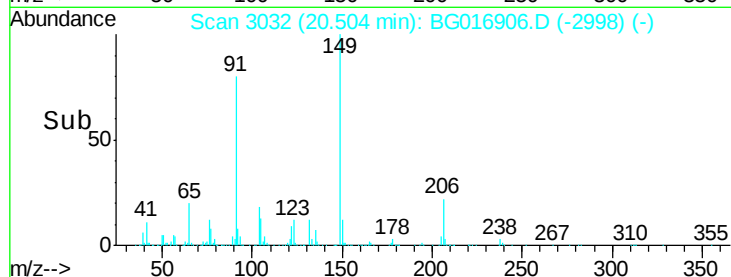
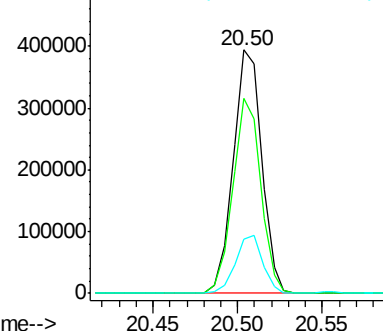
206 22.3 18.4 27.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 34.55 ng

RT: 21.34 min Scan# 3175

Delta R.T. -0.01 min

Lab File: BG016906.D

Acq: 6 May 2015 19:03

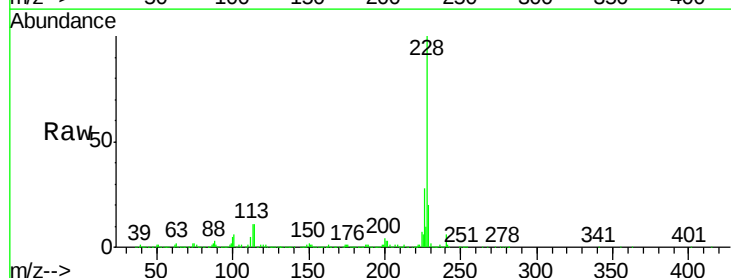
Tgt Ion:228 Resp: 880601

Ion Ratio Lower Upper

228 100

226 28.3 22.7 34.1

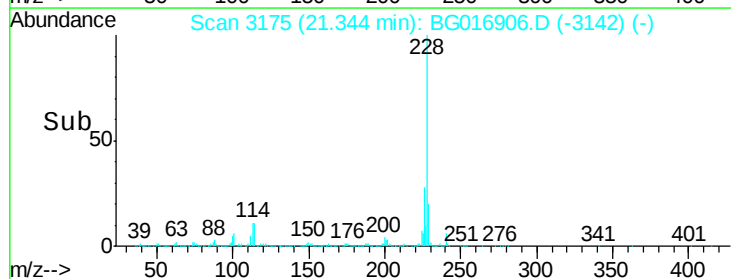
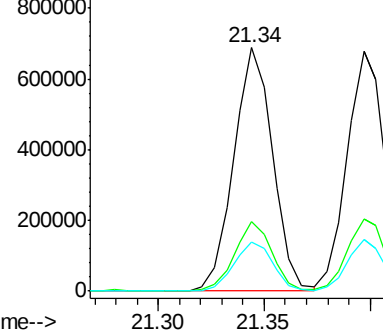
229 20.4 16.1 24.1

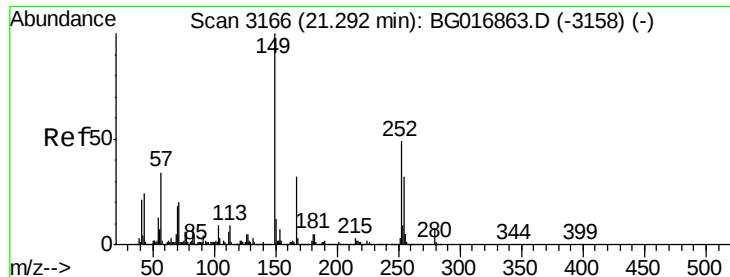


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

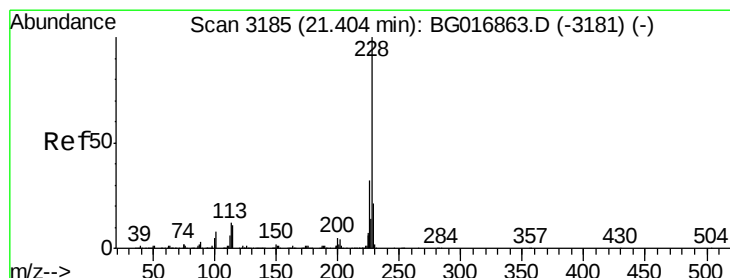
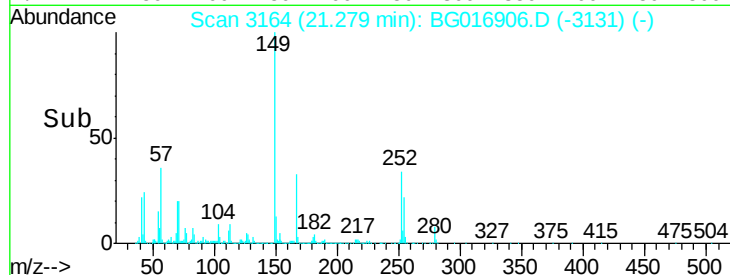
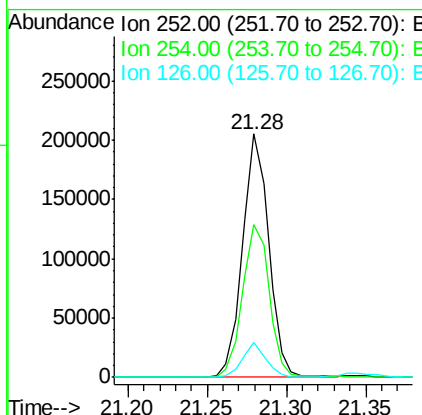
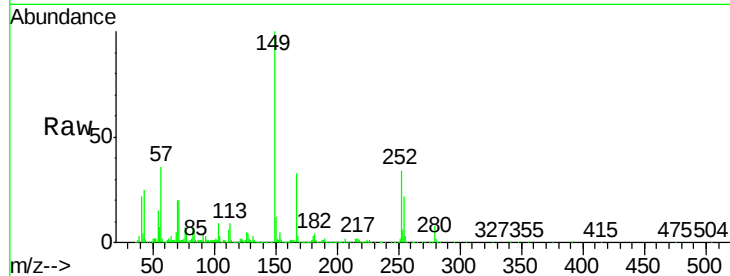




#81
 3,3'-Dichlorobenzidine
 Concen: 23.75 ng
 RT: 21.28 min Scan# 3164
 Delta R.T. -0.01 min
 Lab File: BG016906.D
 Acq: 6 May 2015 19:03

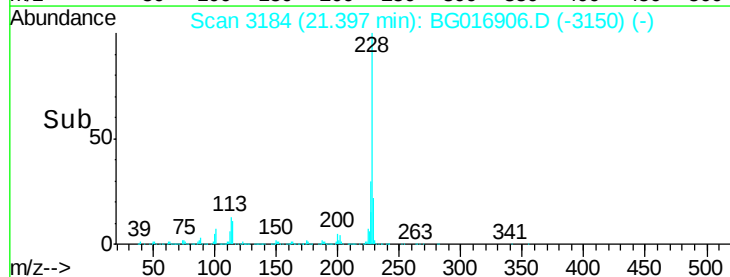
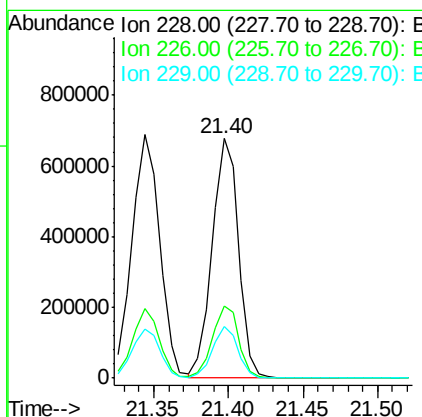
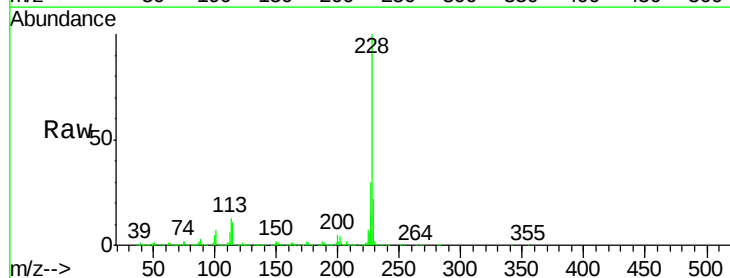
Instrument :
 BNA_G
 ClientSampleId :
 PB83058BSD

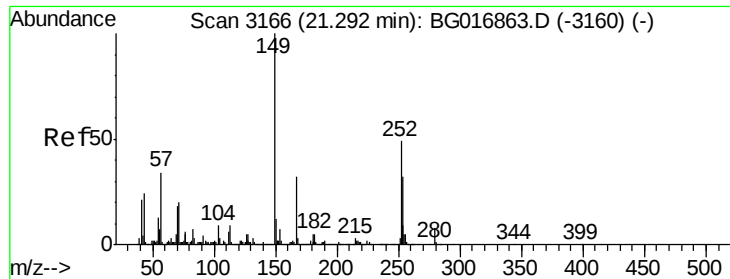
Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.9	51.7	77.5
126	14.6	8.9	13.3



#82
 Chrysene
 Concen: 34.92 ng
 RT: 21.40 min Scan# 3184
 Delta R.T. -0.00 min
 Lab File: BG016906.D
 Acq: 6 May 2015 19:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.4	38.0
229	21.7	16.5	24.7

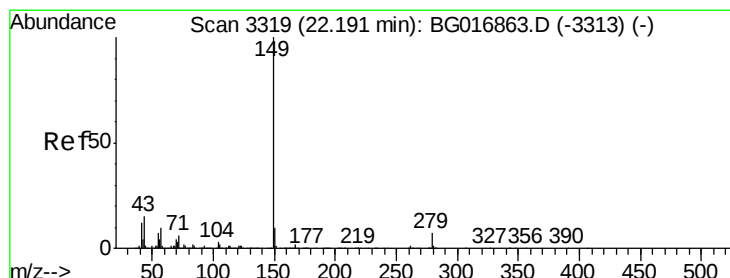
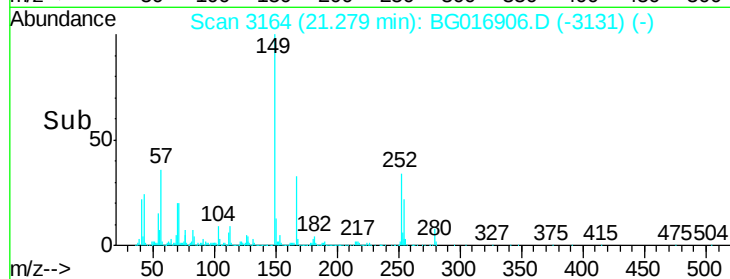
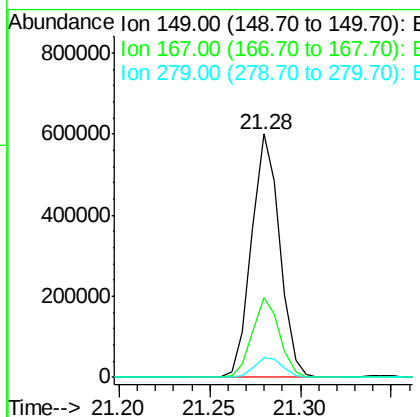
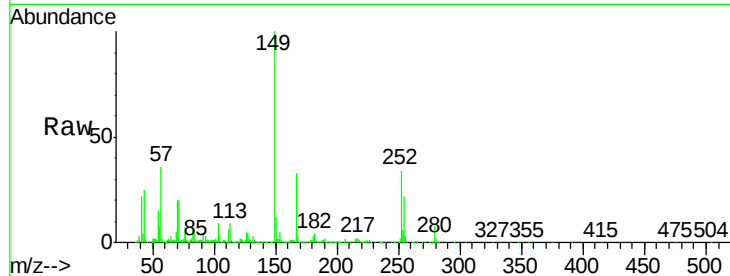




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.45 ng
 RT: 21.28 min Scan# 3164
 Delta R.T. -0.01 min
 Lab File: BG016906.D
 Acq: 6 May 2015 19:03

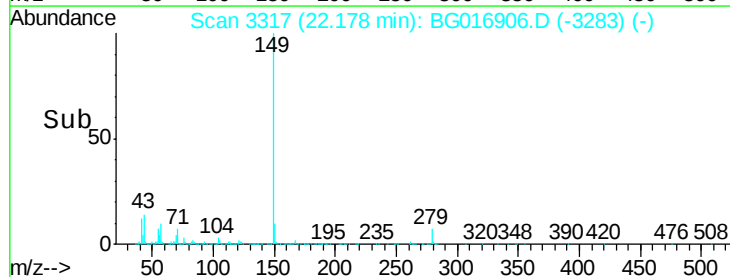
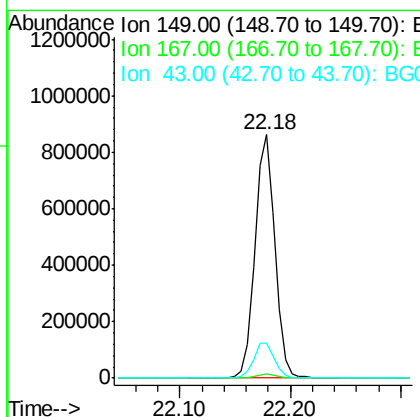
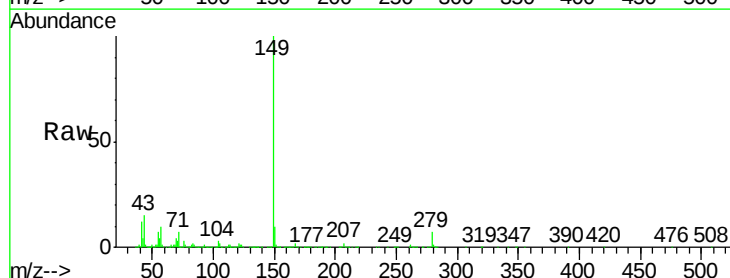
Instrument :
 BNA_G
 ClientSampleId :
 PB83058BSD

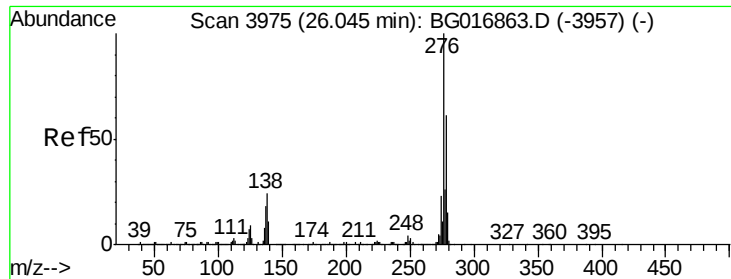
Tgt Ion:149 Resp: 646320
 Ion Ratio Lower Upper
 149 100
 167 32.9 25.4 38.0
 279 8.1 6.4 9.6



#84
 Di-n-octyl phthalate
 Concen: 35.51 ng
 RT: 22.18 min Scan# 3317
 Delta R.T. -0.00 min
 Lab File: BG016906.D
 Acq: 6 May 2015 19:03

Tgt Ion:149 Resp: 1087462
 Ion Ratio Lower Upper
 149 100
 167 1.7 0.0 0.0#
 43 14.6 0.0 0.0#

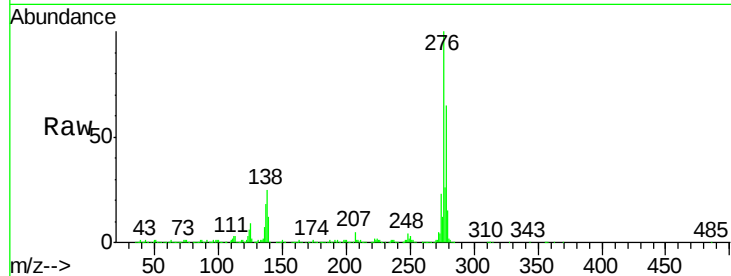




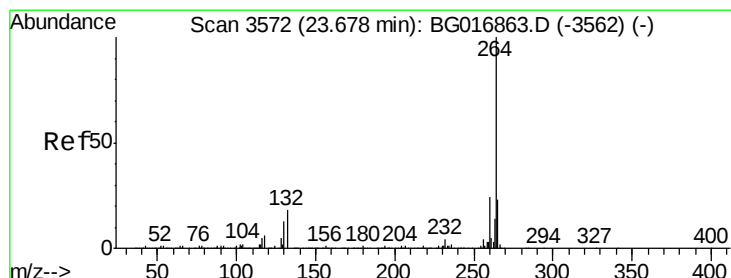
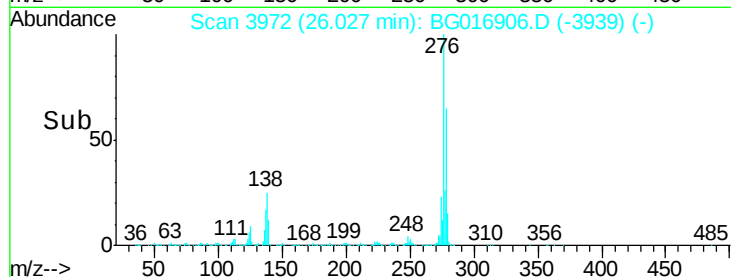
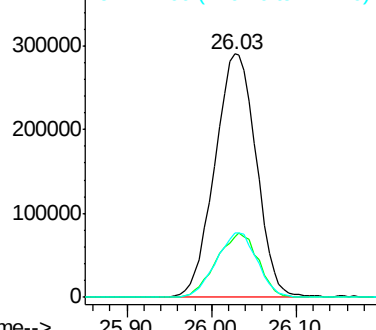
#85
Indeno(1,2,3-cd)pyrene
Concen: 34.72 ng
RT: 26.03 min Scan# 3972
Delta R.T. -0.01 min
Lab File: BG016906.D
Acq: 6 May 2015 19:03

Instrument :
BNA_G
ClientSampleId :
PB83058BSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.8	0.0	0.0#
277	26.4	0.0	0.0#

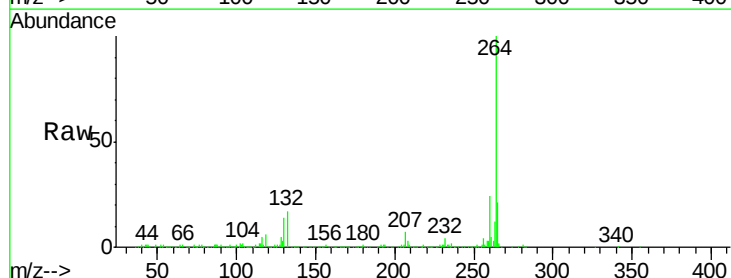


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

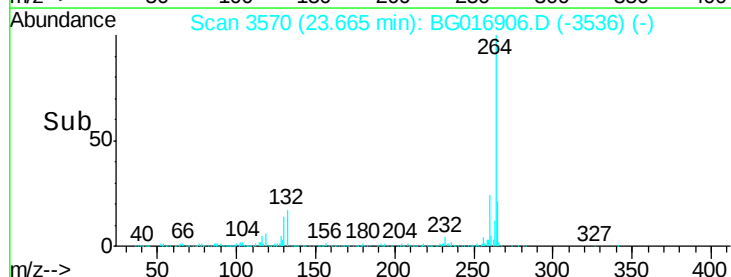
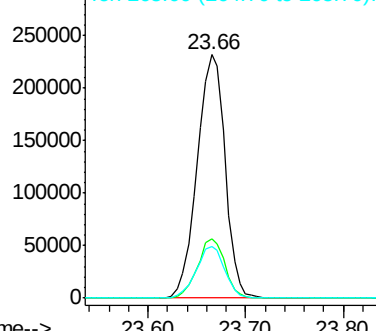


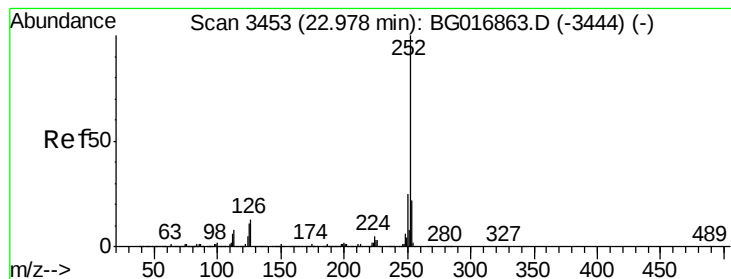
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.66 min Scan# 3570
Delta R.T. -0.00 min
Lab File: BG016906.D
Acq: 6 May 2015 19:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.4	18.5	27.7



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





#87

Benzo(b)fluoranthene

Concen: 35.19 ng

RT: 22.97 min Scan# 3451

Delta R.T. -0.00 min

Lab File: BG016906.D

Acq: 6 May 2015 19:03

Instrument :

BNA_G

ClientSampleId :

PB83058BSD

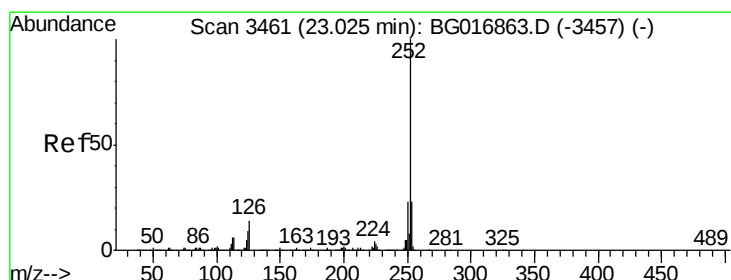
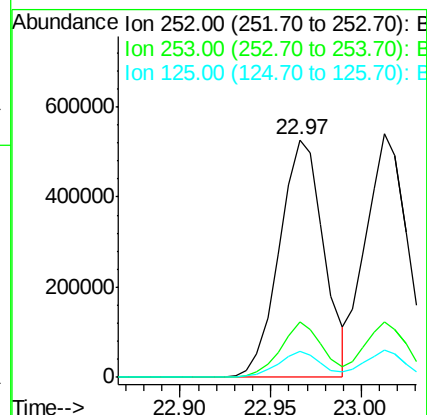
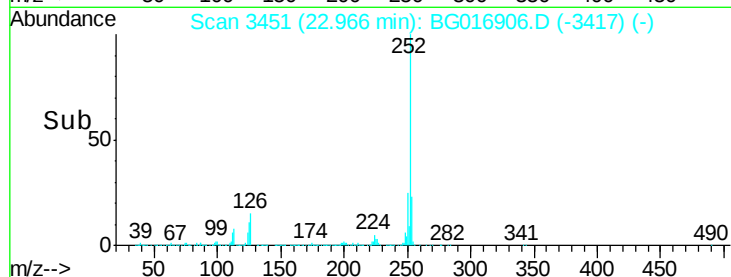
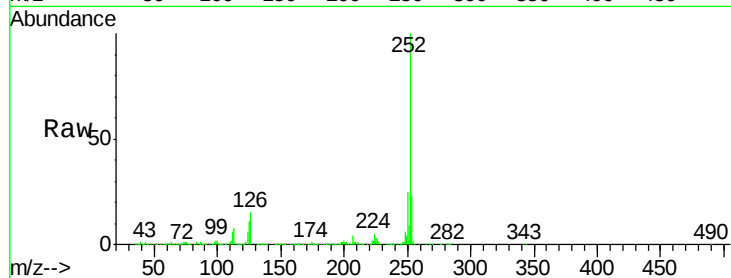
Tgt Ion:252 Resp: 902469

Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.0

125 10.9 8.6 13.0



#88

Benzo(k)fluoranthene

Concen: 35.01 ng

RT: 23.01 min Scan# 3459

Delta R.T. -0.00 min

Lab File: BG016906.D

Acq: 6 May 2015 19:03

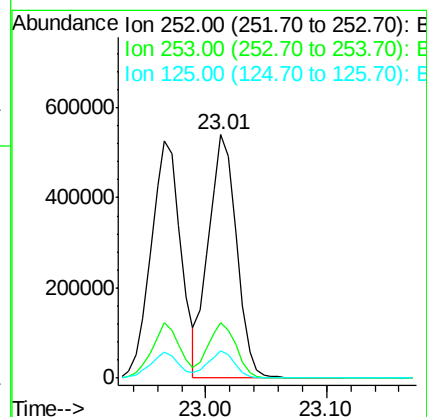
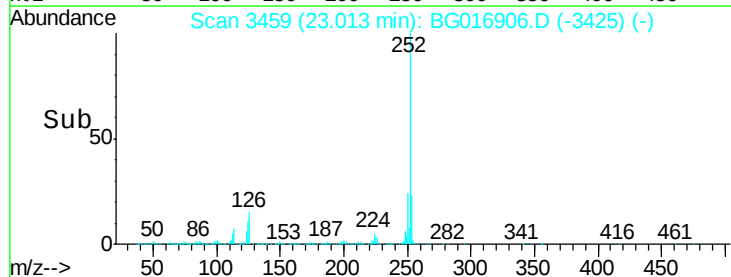
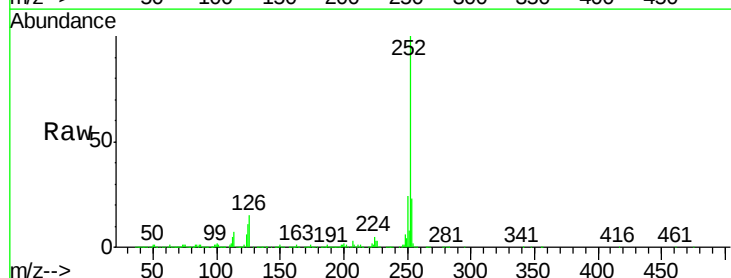
Tgt Ion:252 Resp: 863743

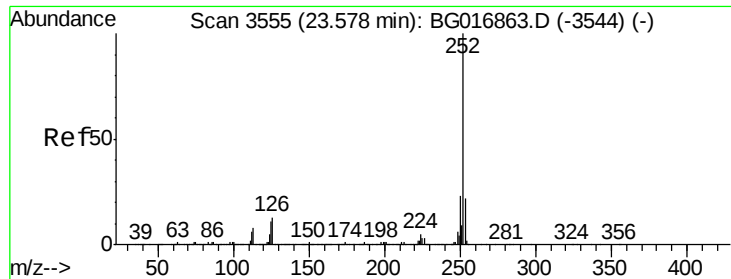
Ion Ratio Lower Upper

252 100

253 22.6 18.4 27.6

125 11.4 7.9 11.9





#89

Benzo(a)pyrene

Concen: 35.90 ng

RT: 23.57 min Scan# 3553

Delta R.T. -0.00 min

Lab File: BG016906.D

Acq: 6 May 2015 19:03

Instrument :

BNA_G

ClientSampleId :

PB83058BSD

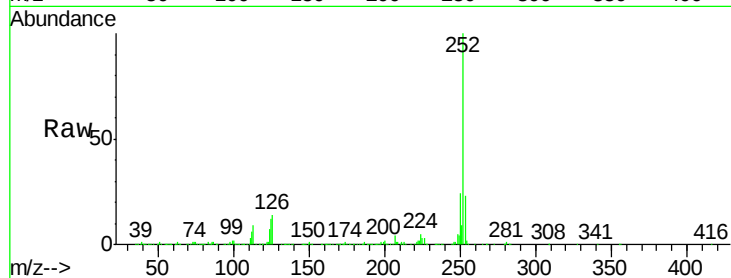
Tgt Ion:252 Resp: 858589

Ion Ratio Lower Upper

252 100

253 22.7 17.7 26.5

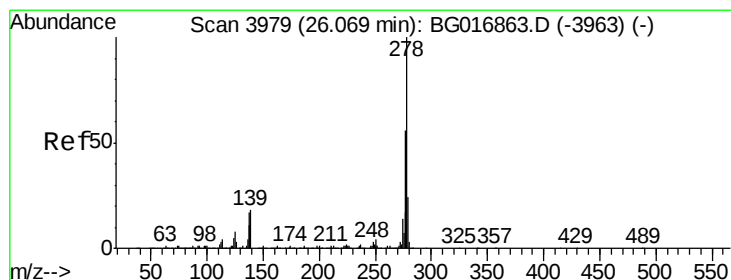
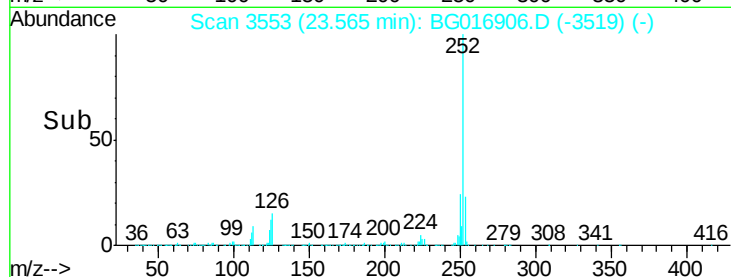
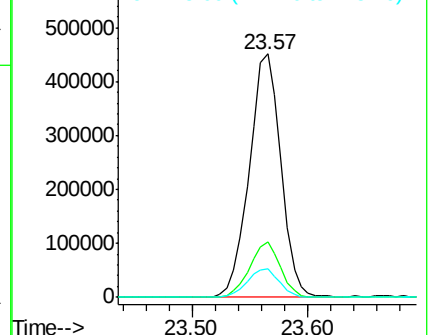
125 11.7 8.5 12.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 34.71 ng

RT: 26.04 min Scan# 3975

Delta R.T. -0.00 min

Lab File: BG016906.D

Acq: 6 May 2015 19:03

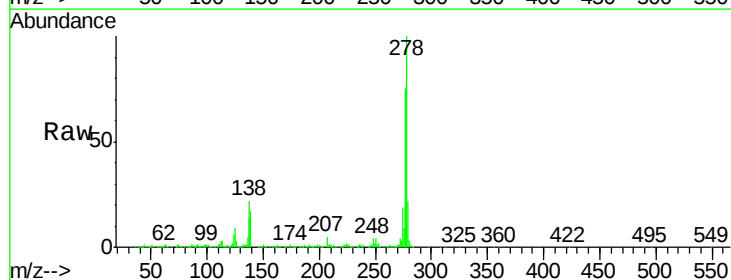
Tgt Ion:278 Resp: 847997

Ion Ratio Lower Upper

278 100

139 16.9 14.2 21.2

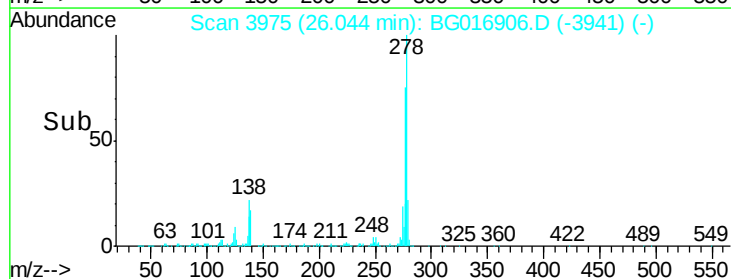
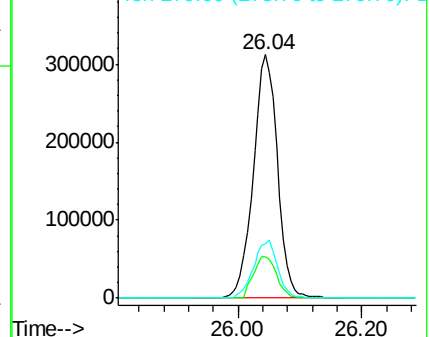
279 22.4 18.9 28.3

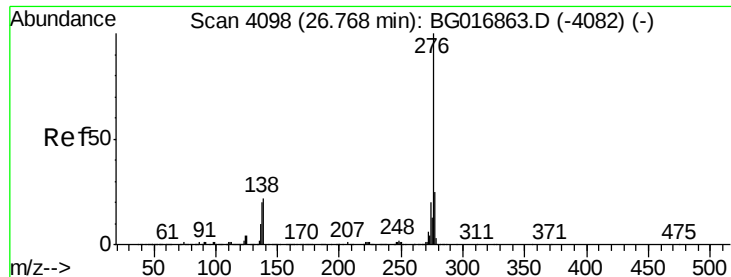


Abundance Ion 278.00 (277.70 to 278.70): E

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: 34.51 ng

RT: 26.76 min Scan# 4096

Delta R.T. -0.00 min

Lab File: BG016906.D

Acq: 6 May 2015 19:03

Instrument :

BNA_G

ClientSampleId :

PB83058BSD

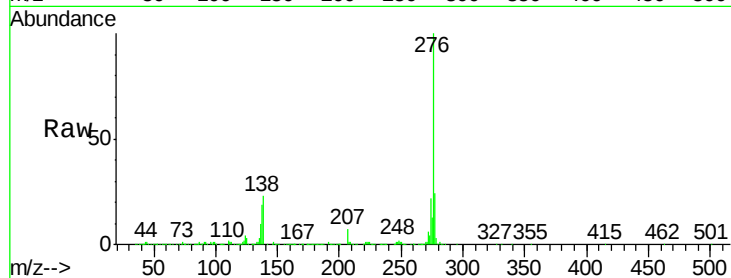
Tgt Ion: 276 Resp: 802888

Ion Ratio Lower Upper

276 100

277 23.7 19.6 29.4

138 22.6 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

