

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050715\
 Data File : BG016946.D
 Acq On : 8 May 2015 6:30
 Operator : TP/IZ
 Sample : G2116-14MSD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-51DMSD

Quant Time: May 08 07:34:06 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 08 07:19:54 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	60110	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	267964	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	169506	20.00	ng	0.00
63) Phenanthrene-d10	17.18	188	372017	20.00	ng	0.00
75) Chrysene-d12	21.36	240	355081	20.00	ng	0.00
86) Perylene-d12	23.66	264	353703	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	382504	110.80	ng	0.00
7) Phenol-d6	6.97	99	534079	108.29	ng	0.00
23) Nitrobenzene-d5	8.95	82	348853	63.60	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	177930	104.56	ng	0.00
44) 2-Fluorobiphenyl	13.06	172	618605	55.07	ng	0.00
78) Terphenyl-d14	19.80	244	885112	58.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	40018	27.66	ng	# 1
3) Pyridine	3.69	79	117575	26.29	ng	96
4) n-Nitrosodimethylamine	3.61	42	85706	32.10	ng	92
6) Aniline	7.12	93	121975	17.61	ng	98
8) 2-Chlorophenol	7.37	128	135570	33.90	ng	95
9) Benzaldehyde	6.94	77	108776	29.68	ng	96
10) Phenol	7.00	94	197359	37.32	ng	99
11) bis(2-Chloroethyl)ether	7.22	93	130666	31.95	ng	98
12) 1,3-Dichlorobenzene	7.69	146	129747	29.42	ng	95
13) 1,4-Dichlorobenzene	7.84	146	132221	29.60	ng	98
14) 1,2-Dichlorobenzene	8.15	146	125641	29.31	ng	96
15) Benzyl Alcohol	8.04	79	141830	31.49	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.34	45	234085	30.92	ng	96
17) 2-Methylphenol	8.24	107	123196	33.08	ng	99
18) Hexachloroethane	8.88	117	74790	40.73	ng	100
19) n-Nitroso-di-n-propylamine	8.60	70	130111	30.09	ng	94
20) 3+4-Methylphenols	8.56	107	167662	32.67	ng	95
22) Acetophenone	8.62	105	213709	33.48	ng	97
24) Nitrobenzene	9.00	77	178360	32.20	ng	# 97
25) Isophorone	9.52	82	337454	30.47	ng	# 93
26) 2-Nitrophenol	9.70	139	74465	33.02	ng	# 89
27) 2,4-Dimethylphenol	9.76	122	105681	25.89	ng	93
28) bis(2-Chloroethoxy)methane	10.00	93	176228	31.52	ng	98
29) 2,4-Dichlorophenol	10.23	162	128304	33.27	ng	98
30) 1,2,4-Trichlorobenzene	10.46	180	126055	30.83	ng	92
31) Naphthalene	10.64	128	414747	31.12	ng	99
32) Benzoic acid	9.83	122	26085	13.88	ng	91
33) 4-Chloroaniline	10.75	127	94415	15.34	ng	98
34) Hexachlorobutadiene	10.93	225	72940	28.50	ng	89
35) Caprolactam	11.51	113	61804	30.85	ng	# 74
36) 4-Chloro-3-methylphenol	11.87	107	164525	33.32	ng	98
37) 2-Methylnaphthalene	12.25	142	301629	29.71	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.62	216	138063	30.13	ng	# 100
40) Hexachlorocyclopentadiene	12.60	237	147426	49.82	ng	95

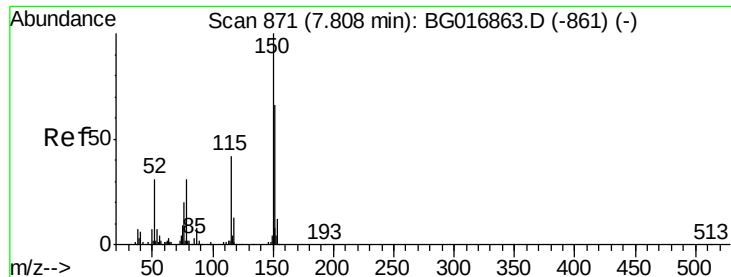
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050715\
 Data File : BG016946.D
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 Operator : TP/IZ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.87	196	105077	32.36	ng	95
43) 2,4,5-Trichlorophenol	12.94	196	111844	32.45	ng	98
45) 1,1'-Biphenyl	13.27	154	378427	31.18	ng	99
46) 2-Chloronaphthalene	13.31	162	298242	31.03	ng	96
47) 2-Nitroaniline	13.51	65	122295	36.55	ng	94
48) Acenaphthylene	14.16	152	497722	29.73	ng	99
49) Dimethylphthalate	13.89	163	421738	33.32	ng	99
50) 2,6-Dinitrotoluene	14.01	165	88187	33.56	ng	91
51) Acenaphthene	14.50	154	308687	30.98	ng	99
52) 3-Nitroaniline	14.34	138	80828	27.03	ng	93
53) 2,4-Dinitrophenol	14.55	184	37764	31.42	ng	# 84
54) Dibenzofuran	14.83	168	448830	31.73	ng	97
55) 4-Nitrophenol	14.65	139	174498	68.83	ng	96
56) 2,4-Dinitrotoluene	14.80	165	124541	37.04	ng	95
57) Fluorene	15.49	166	393654	31.43	ng	95
58) 2,3,4,6-Tetrachlorophenol	15.06	232	96825	32.56	ng	# 77
59) Diethylphthalate	15.26	149	414071	30.99	ng	98
60) 4-Chlorophenyl-phenylether	15.48	204	192238	30.55	ng	95
61) 4-Nitroaniline	15.50	138	107590	31.04	ng	95
62) Azobenzene	15.77	77	469727	33.95	ng	97
64) 4,6-Dinitro-2-methylphenol	15.56	198	51577	27.96	ng	93
65) n-Nitrosodiphenylamine	15.70	169	339806	29.92	ng	99
66) 4-Bromophenyl-phenylether	16.37	248	112607	30.16	ng	93
67) Hexachlorobenzene	16.48	284	119653	30.39	ng	97
68) Atrazine	16.64	200	130089	31.83	ng	96
69) Pentachlorophenol	16.83	266	143887	56.28	ng	96
70) Phenanthrene	17.22	178	673838	35.20	ng	100
71) Anthracene	17.31	178	597545	30.94	ng	99
72) Carbazole	17.58	167	569616	31.02	ng	99
73) Di-n-butylphthalate	18.15	149	722163	30.34	ng	99
74) Fluoranthene	19.24	202	803857	36.19	ng	100
76) Benzidine	19.42	184	123289	10.22	ng	98
77) Pyrene	19.60	202	800195	38.18	ng	99
79) Butylbenzylphthalate	20.50	149	325423	32.67	ng	97
80) Benzo(a)anthracene	21.34	228	678827	35.64	ng	98
81) 3,3'-Dichlorobenzidine	21.28	252	155308	20.88	ng	99
82) Chrysene	21.40	228	634118	35.54	ng	98
83) Bis(2-ethylhexyl)phthalate	21.27	149	491569	36.08	ng	100
84) Di-n-octyl phthalate	22.17	149	791057	34.56	ng	# 100
85) Indeno(1,2,3-cd)pyrene	26.03	276	698782	32.87	ng	# 100
87) Benzo(b)fluoranthene	22.96	252	686653	34.85	ng	99
88) Benzo(k)fluoranthene	23.01	252	594511	31.36	ng	97
89) Benzo(a)pyrene	23.56	252	633477	34.48	ng	99
90) Dibenzo(a,h)anthracene	26.04	278	574567	30.61	ng	97
91) Benzo(g,h,i)perylene	26.75	276	578728	32.38	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

Lab File: BG016946.D

Acq: 8 May 2015 6:30

Instrument :

BNA_G

ClientSampleId :

SB-51DMSD

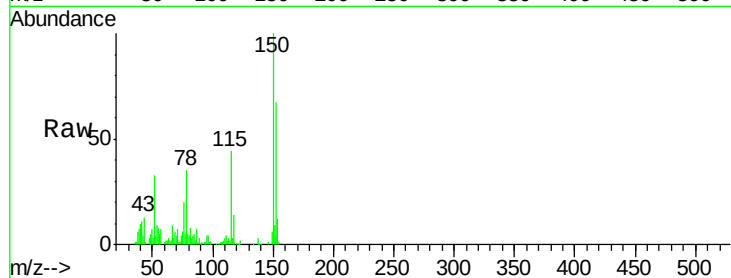
Tgt Ion:152 Resp: 60110

Ion Ratio Lower Upper

152 100

150 148.2 121.0 181.4

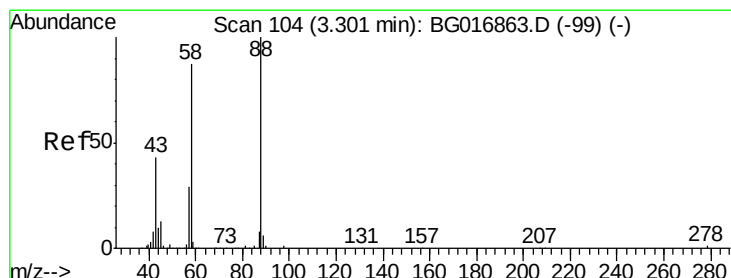
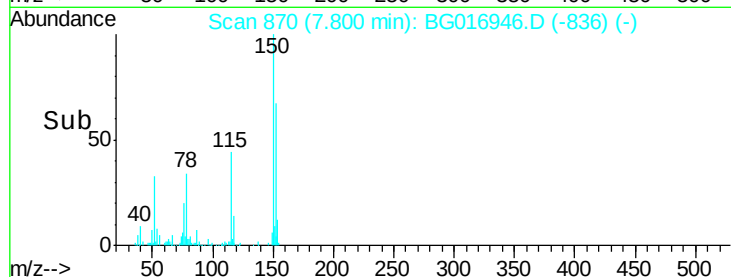
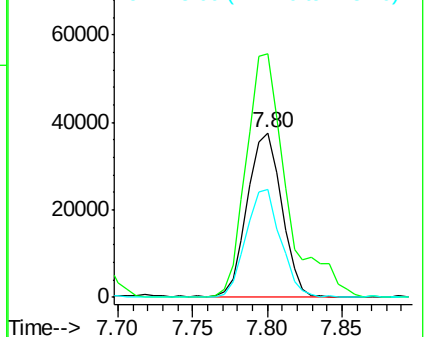
115 65.6 50.5 75.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 27.66 ng

RT: 3.29 min Scan# 103

Delta R.T. -0.00 min

Lab File: BG016946.D

Acq: 8 May 2015 6:30

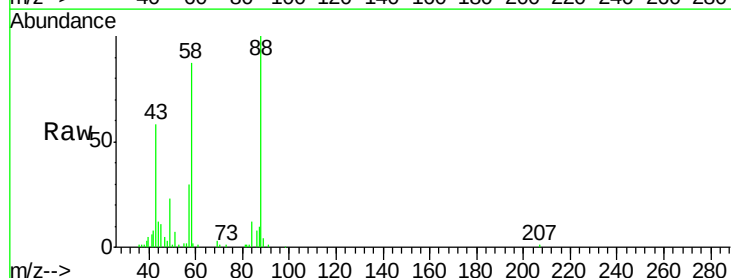
Tgt Ion: 88 Resp: 40018

Ion Ratio Lower Upper

88 100

58 82.3 0.1 0.1#

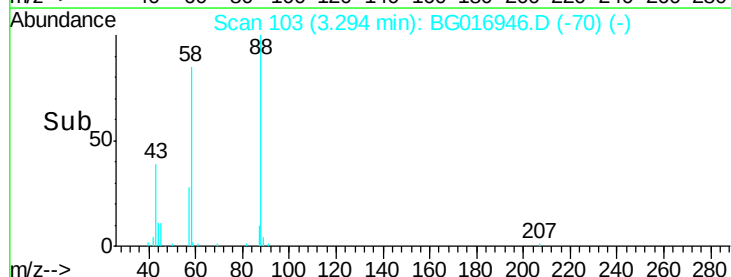
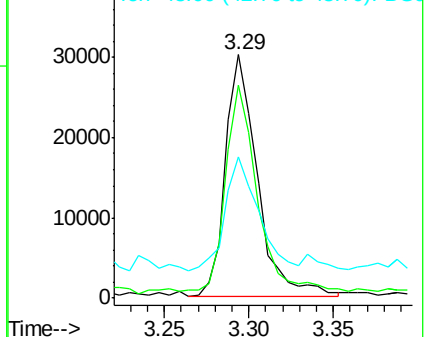
43 48.5 1.3 1.9#

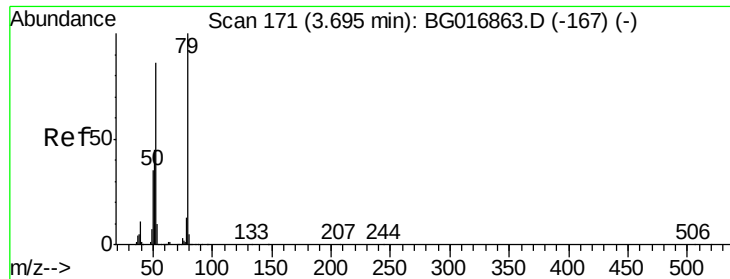


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 26.29 ng

RT: 3.69 min Scan# 170

Delta R.T. -0.00 min

Lab File: BG016946.D

Acq: 8 May 2015 6:30

Instrument :

BNA_G

ClientSampleId :

SB-51DMSD

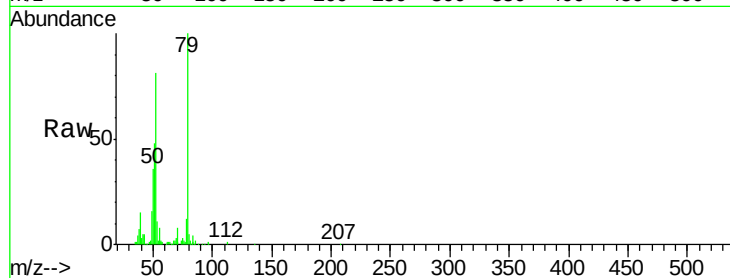
Tgt Ion: 79 Resp: 117575

Ion Ratio Lower Upper

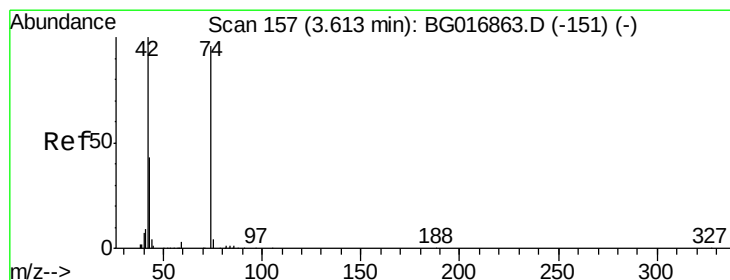
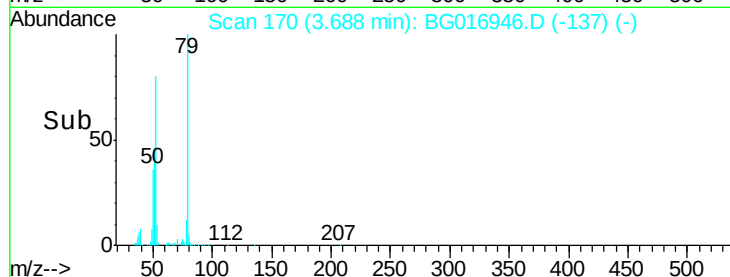
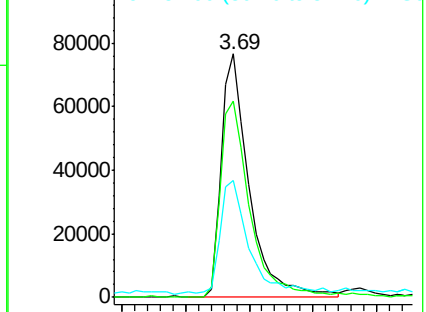
79 100

52 80.6 68.5 102.7

51 47.9 37.8 56.8



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 32.10 ng

RT: 3.61 min Scan# 156

Delta R.T. -0.01 min

Lab File: BG016946.D

Acq: 8 May 2015 6:30

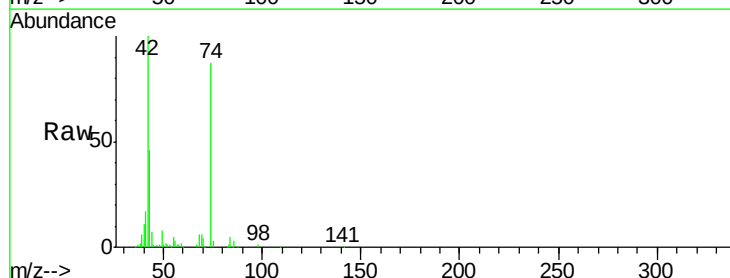
Tgt Ion: 42 Resp: 85706

Ion Ratio Lower Upper

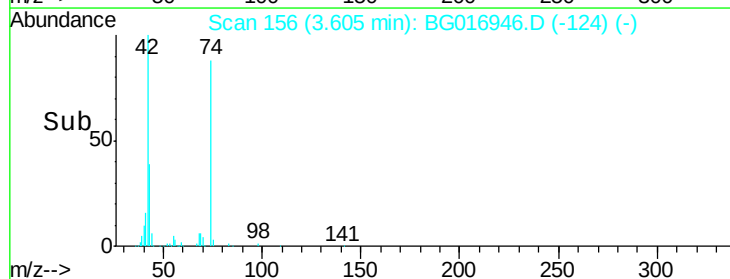
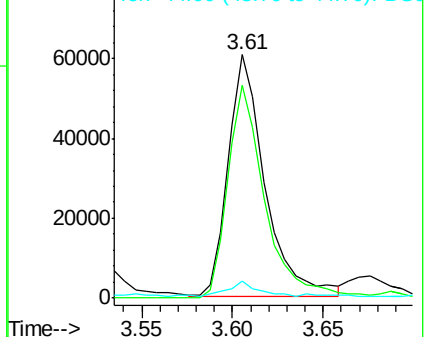
42 100

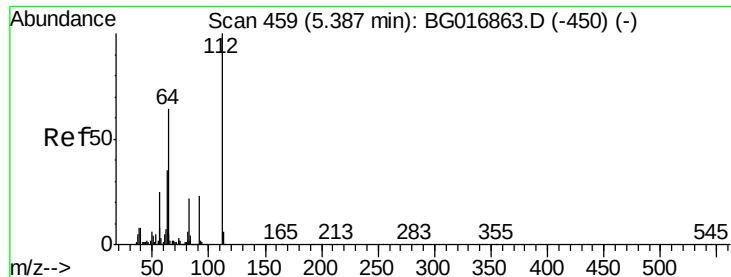
74 87.5 76.2 114.2

44 7.2 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: 110.80 ng

RT: 5.38 min Scan# 458

Delta R.T. 0.00 min

Lab File: BG016946.D

Acq: 8 May 2015 6:30

Instrument :

BNA_G

ClientSampleId :

SB-51DMSD

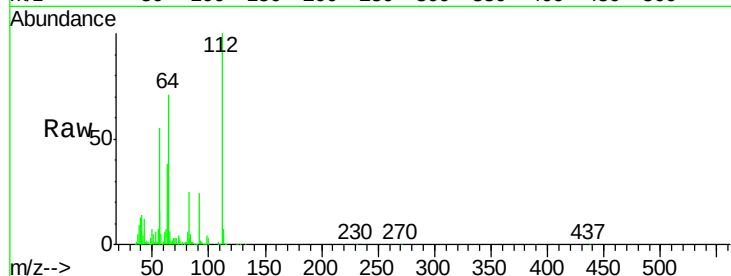
Tgt Ion: 112 Resp: 382504

Ion Ratio Lower Upper

112 100

64 70.6 51.4 77.2

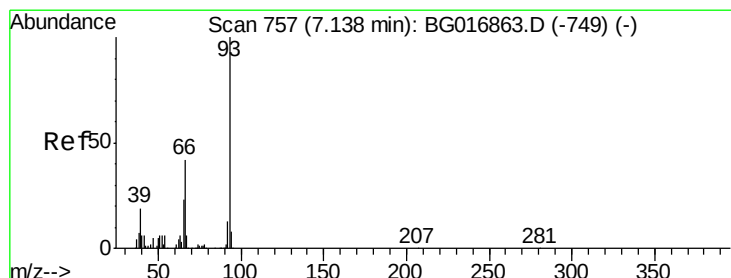
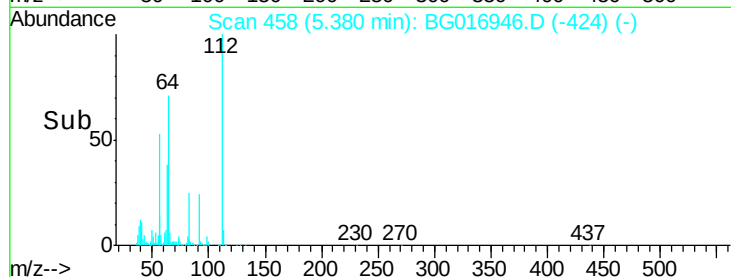
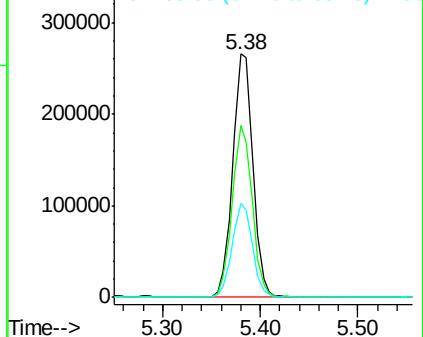
63 38.4 28.1 42.1



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: 17.61 ng

RT: 7.12 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG016946.D

Acq: 8 May 2015 6:30

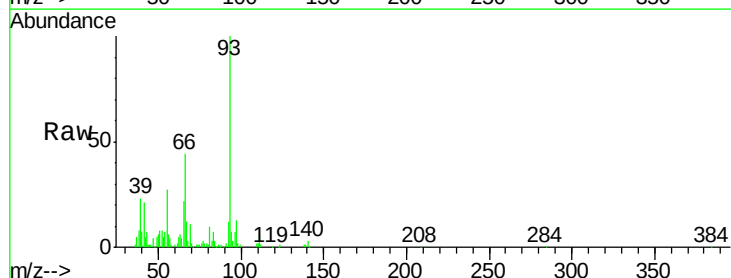
Tgt Ion: 93 Resp: 121975

Ion Ratio Lower Upper

93 100

66 43.7 33.8 50.6

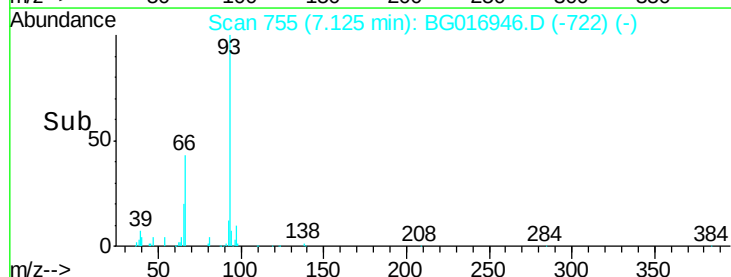
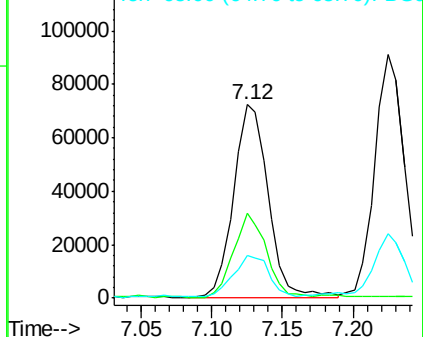
65 22.2 18.7 28.1

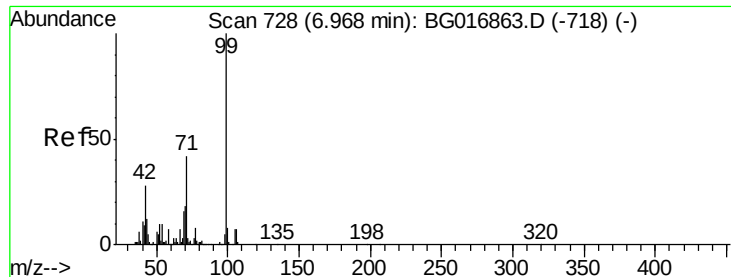


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 108.29 ng

RT: 6.97 min Scan# 728

Delta R.T. 0.00 min

Lab File: BG016946.D

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ClientSampleId :

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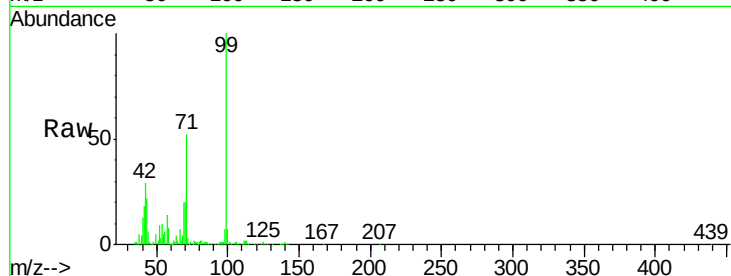
Tgt Ion: 99 Resp: 534079

Ion Ratio Lower Upper

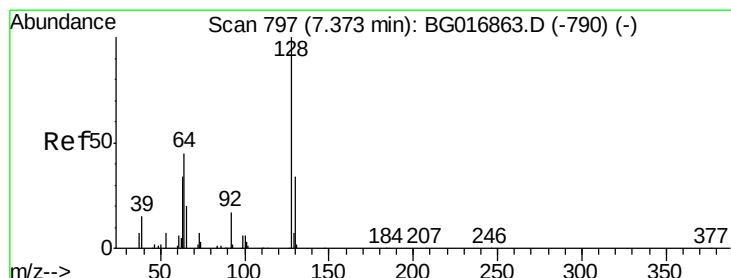
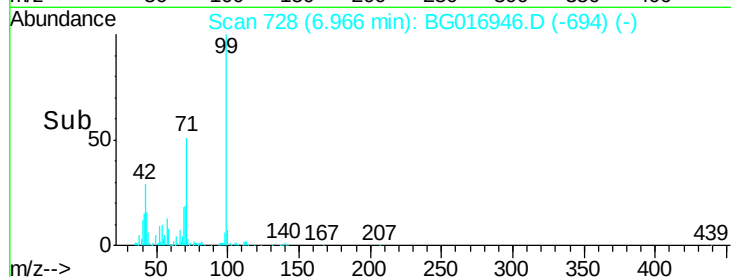
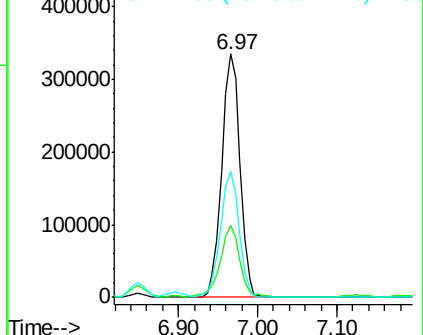
99 100

42 29.4 22.1 33.1

71 51.8 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: 33.90 ng

RT: 7.37 min Scan# 796

Delta R.T. 0.00 min

Lab File: BG016946.D

Acq: 8 May 2015 6:30

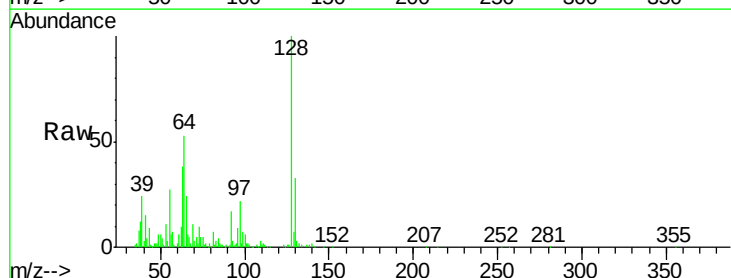
Tgt Ion: 128 Resp: 135570

Ion Ratio Lower Upper

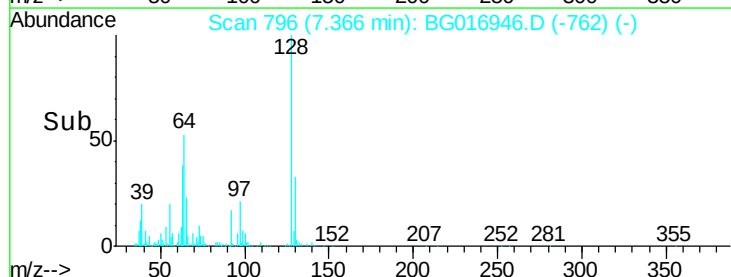
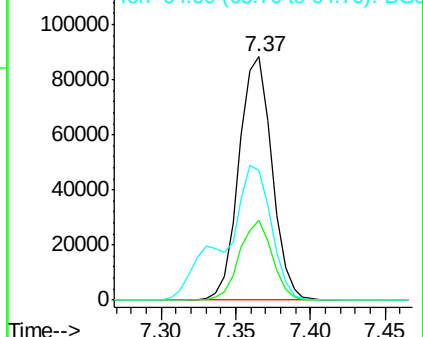
128 100

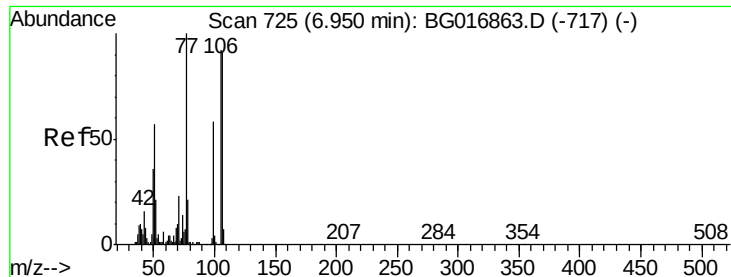
130 32.8 14.4 54.4

64 53.5 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: 29.68 ng

RT: 6.94 min Scan# 724

Delta R.T. 0.00 min

Lab File: BG016946.D

Acq: 8 May 2015 6:30

Instrument :

BNA_G

ClientSampleId :

SB-51DMSD

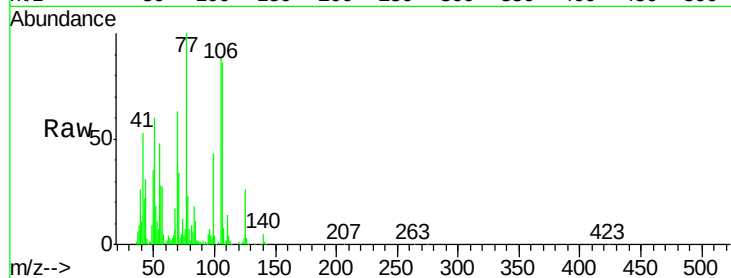
Tgt Ion: 77 Resp: 108776

Ion Ratio Lower Upper

77 100

105 89.1 71.6 111.6

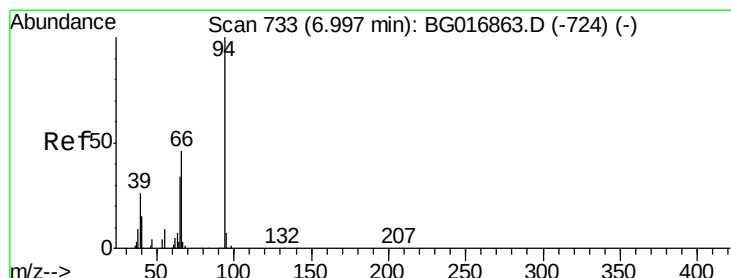
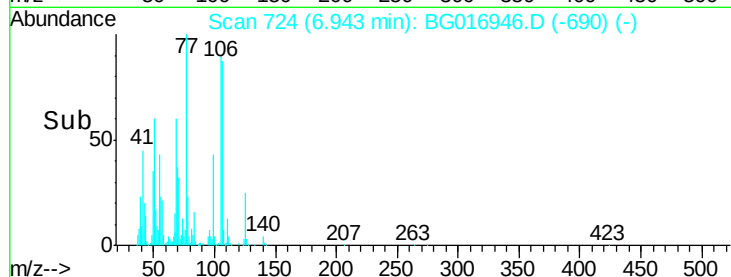
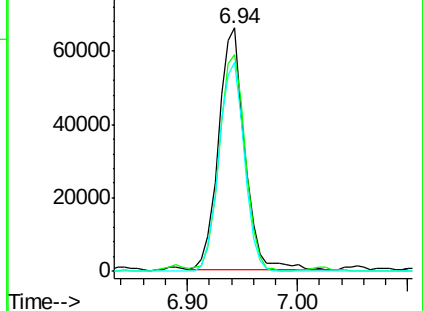
106 85.8 71.5 111.5



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 37.32 ng

RT: 7.00 min Scan# 733

Delta R.T. 0.01 min

Lab File: BG016946.D

Acq: 8 May 2015 6:30

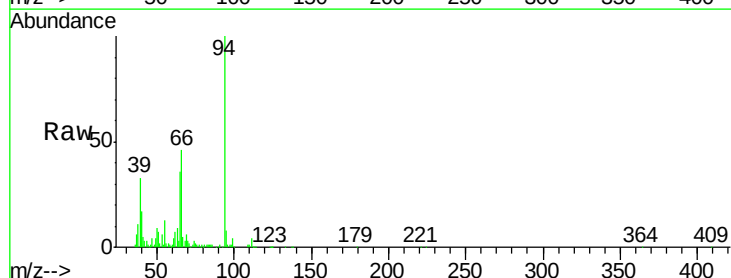
Tgt Ion: 94 Resp: 197359

Ion Ratio Lower Upper

94 100

65 35.5 14.3 54.3

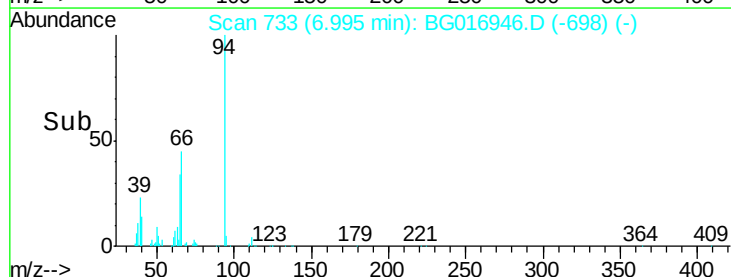
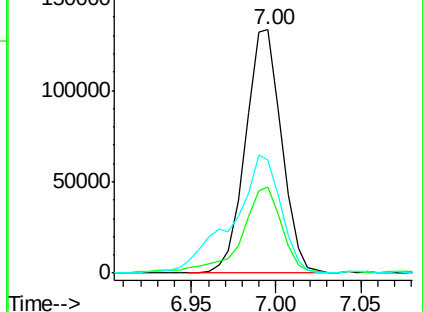
66 46.3 26.9 66.9

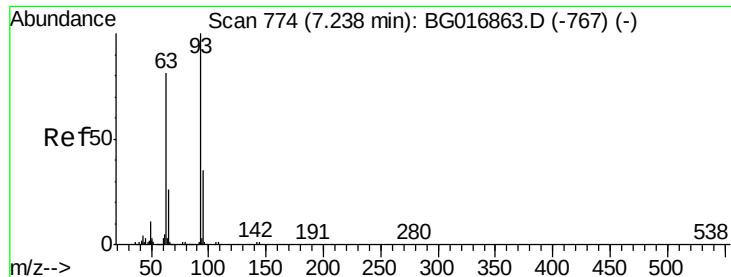


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

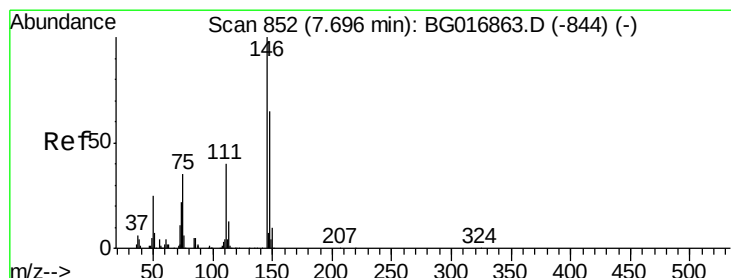
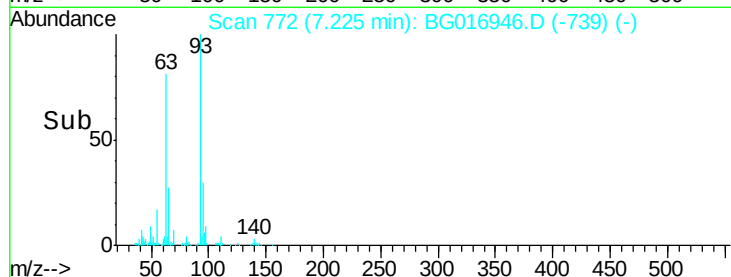
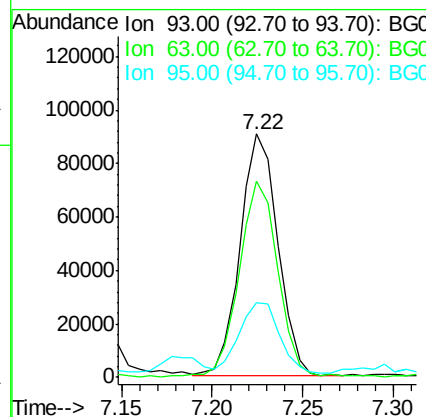
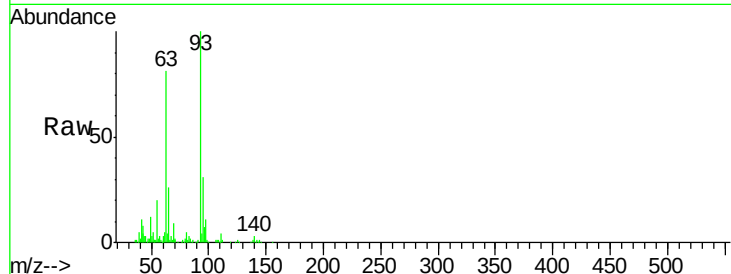




#11
bis(2-Chloroethyl)ether
Concen: 31.95 ng
RT: 7.22 min Scan# 772
Delta R.T. -0.00 min
Lab File: BG016946.D
Acq: 8 May 2015 6:30

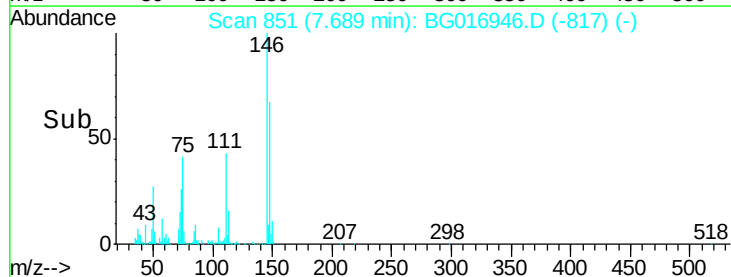
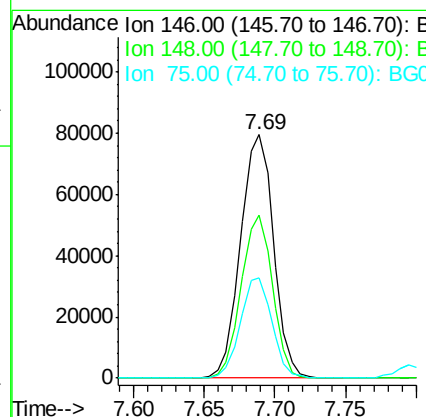
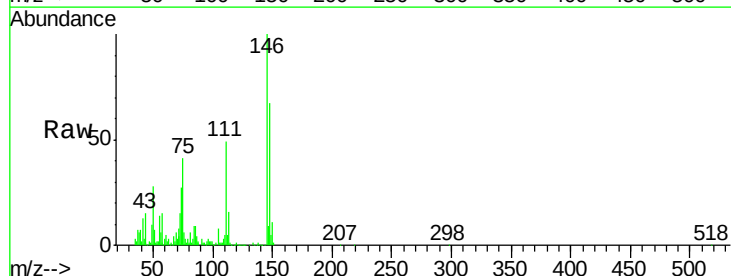
Instrument :
BNA_G
ClientSampleId :
SB-51DMSD

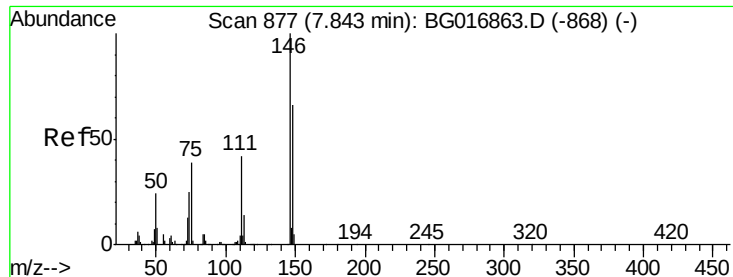
Tgt Ion	Ratio	Lower	Upper
93	100		
63	80.8	61.2	101.2
95	30.8	15.0	55.0



#12
1,3-Dichlorobenzene
Concen: 29.42 ng
RT: 7.69 min Scan# 851
Delta R.T. 0.00 min
Lab File: BG016946.D
Acq: 8 May 2015 6:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.2	51.9	77.9
75	41.0	28.2	42.2





#13

1,4-Dichlorobenzene

Concen: 29.60 ng

RT: 7.84 min Scan# 876

Delta R.T. 0.00 min

Lab File: BG016946.D

Acq: 8 May 2015 6:30

Instrument :

BNA_G

ClientSampleId :

SB-51DMSD

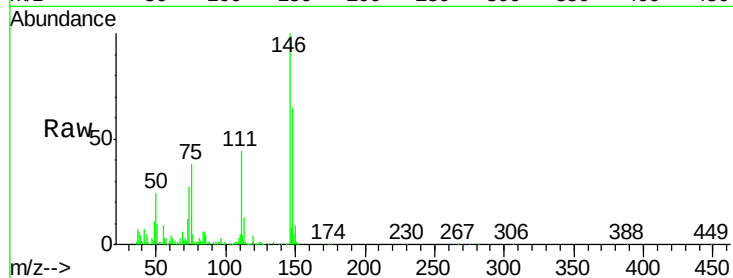
Tgt Ion:146 Resp: 132221

Ion Ratio Lower Upper

146 100

148 65.0 52.8 79.2

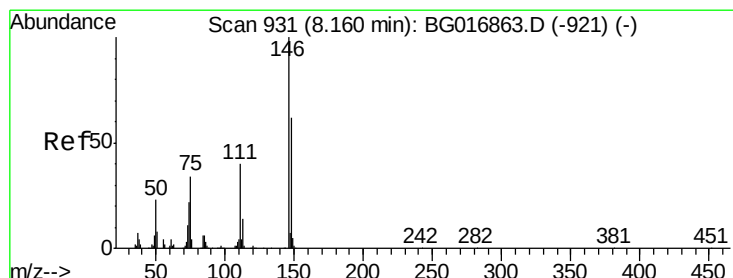
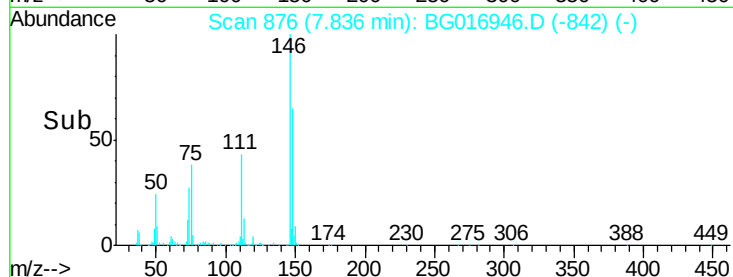
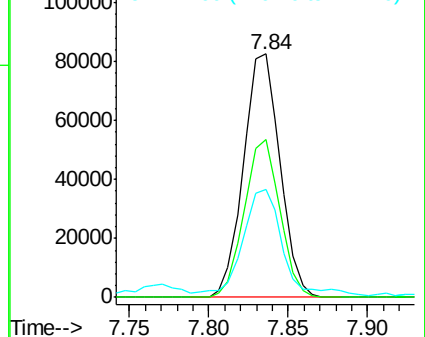
111 44.3 33.9 50.9



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 29.31 ng

RT: 8.15 min Scan# 930

Delta R.T. 0.00 min

Lab File: BG016946.D

Acq: 8 May 2015 6:30

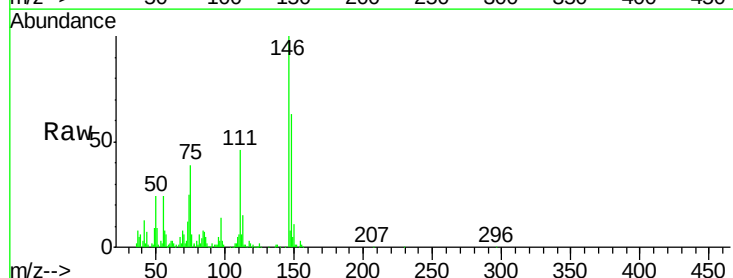
Tgt Ion:146 Resp: 125641

Ion Ratio Lower Upper

146 100

148 63.0 49.9 74.9

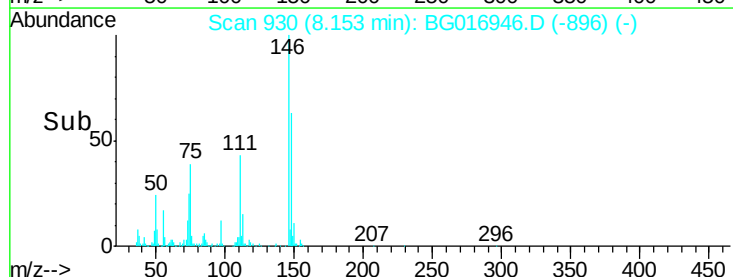
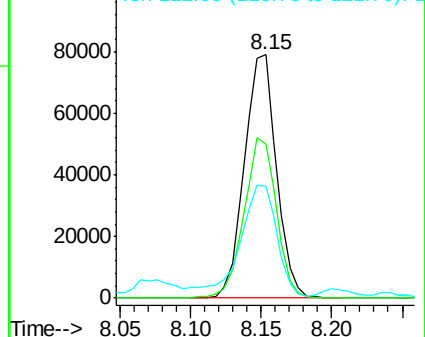
111 45.8 32.1 48.1

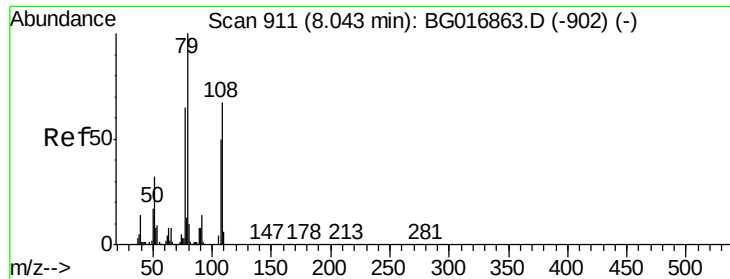


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

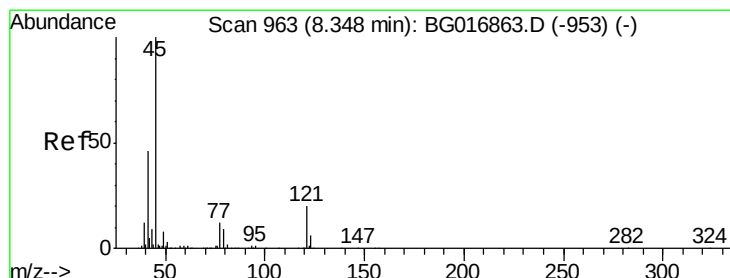
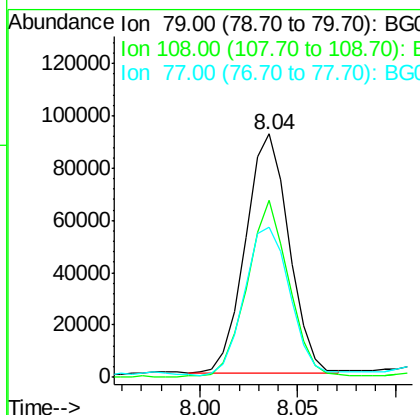
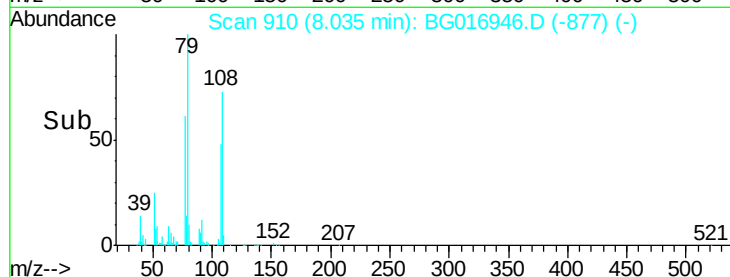
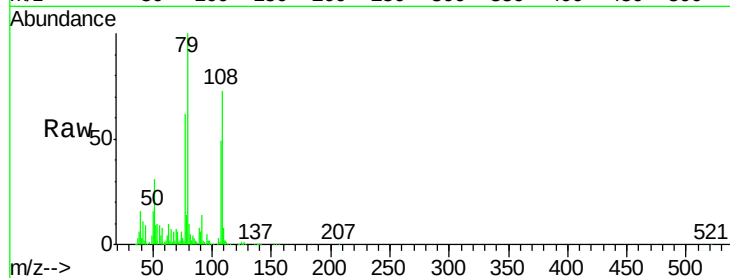




#15
Benzyl Alcohol
Concen: 31.49 ng
RT: 8.04 min Scan# 910
Delta R.T. -0.00 min
Lab File: BG016946.D
Acq: 8 May 2015 6:30

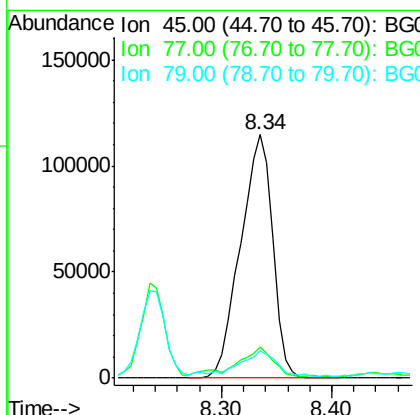
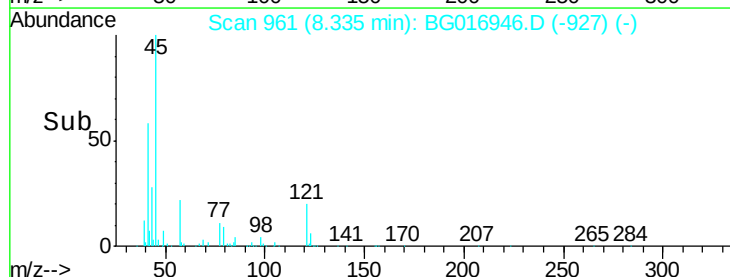
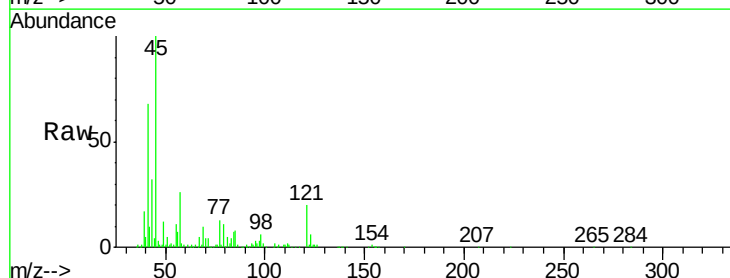
Instrument :
BNA_G
ClientSampleId :
SB-51DMSD

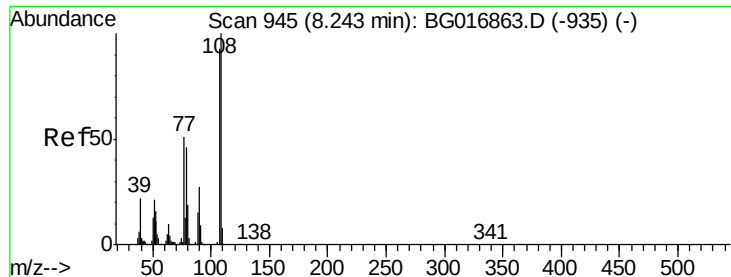
Tgt Ion: 79 Resp: 141830
Ion Ratio Lower Upper
79 100
108 72.8 53.4 80.2
77 61.6 52.2 78.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.92 ng
RT: 8.34 min Scan# 961
Delta R.T. 0.00 min
Lab File: BG016946.D
Acq: 8 May 2015 6:30

Tgt Ion: 45 Resp: 234085
Ion Ratio Lower Upper
45 100
77 13.0 0.0 31.8
79 11.0 0.0 29.1





#17

2-Methylphenol

Concen: 33.08 ng

RT: 8.24 min Scan# 945

Delta R.T. 0.01 min

Lab File: BG016946.D

Acq: 8 May 2015 6:30

Instrument :

BNA_G

ClientSampleId :

SB-51DMSD

Tgt Ion:107 Resp: 123196

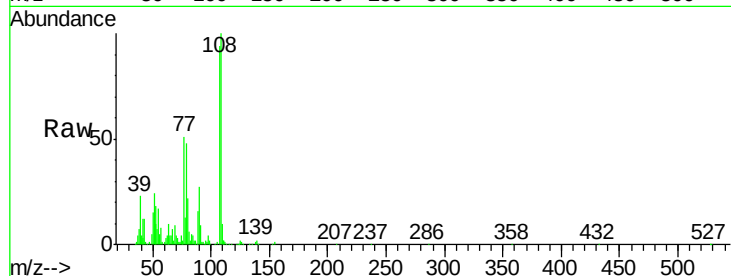
Ion Ratio Lower Upper

107 100

108 106.3 85.9 128.9

77 53.7 43.8 65.6

79 51.4 39.8 59.6

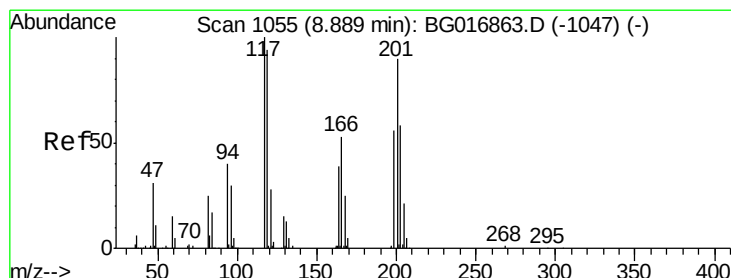
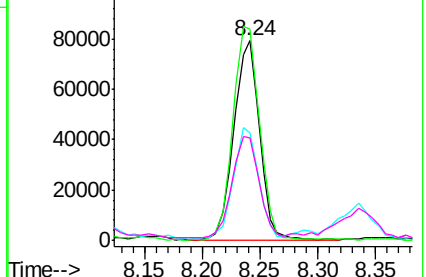
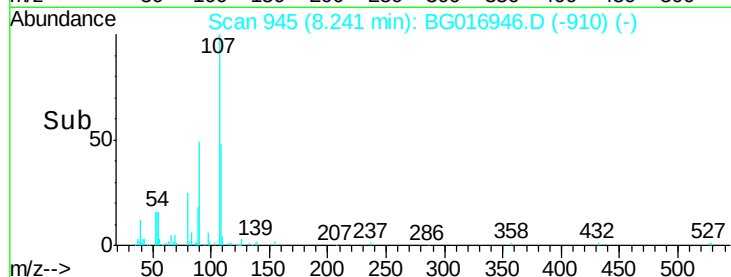


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 40.73 ng

RT: 8.88 min Scan# 1053

Delta R.T. 0.00 min

Lab File: BG016946.D

Acq: 8 May 2015 6:30

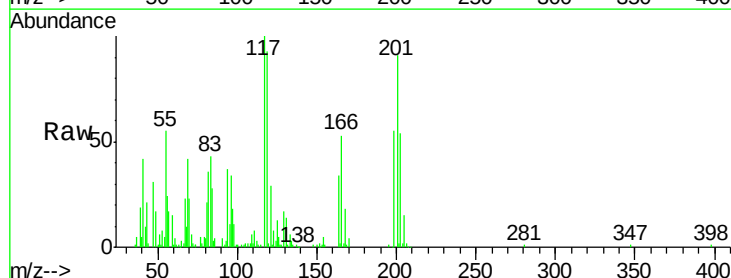
Tgt Ion:117 Resp: 74790

Ion Ratio Lower Upper

117 100

119 93.1 74.8 112.2

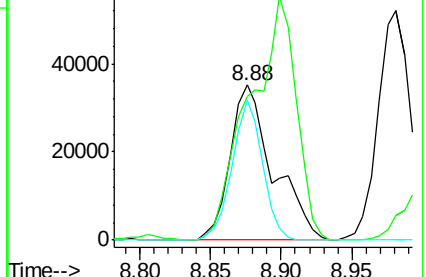
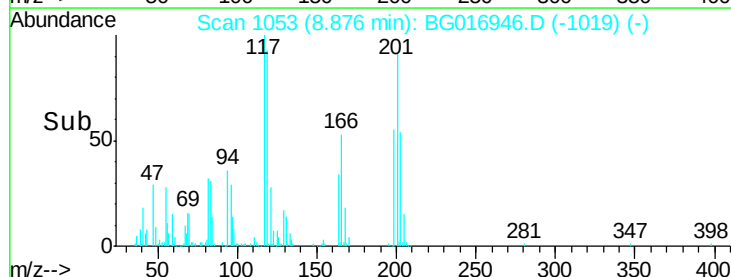
201 90.6 72.1 108.1

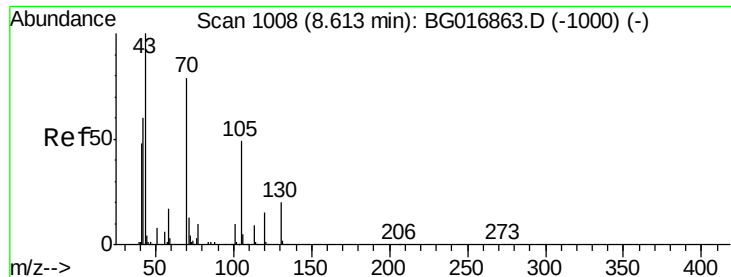


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

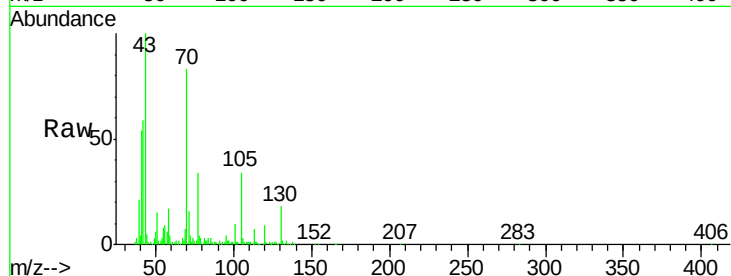




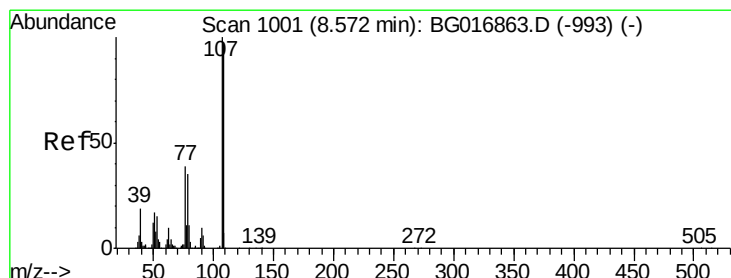
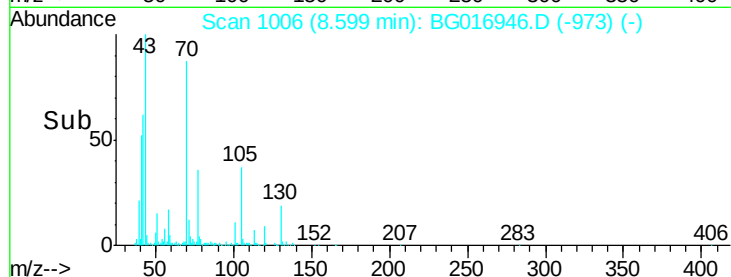
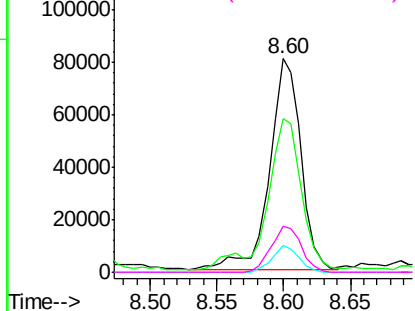
#19
n-Nitroso-di-n-propylamine
Concen: 30.09 ng
RT: 8.60 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG016946.D
Acq: 8 May 2015 6:30

Instrument :
BNA_G
ClientSampleId :
SB-51DMSD

Tgt Ion: 70 Resp: 130111
Ion Ratio Lower Upper
70 100
42 71.9 61.5 92.3
101 12.5 9.8 14.6
130 21.7 20.2 30.4

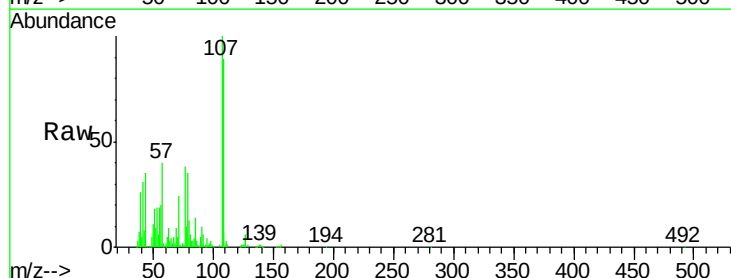


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

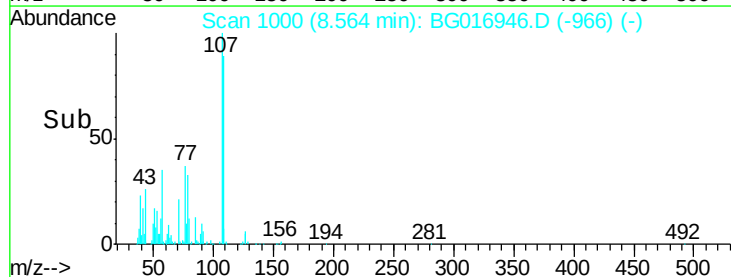
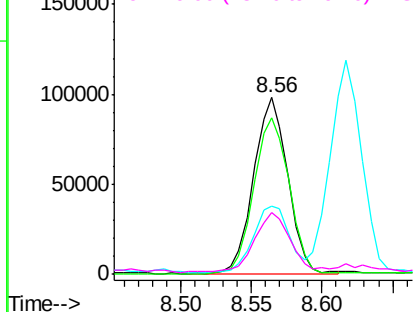


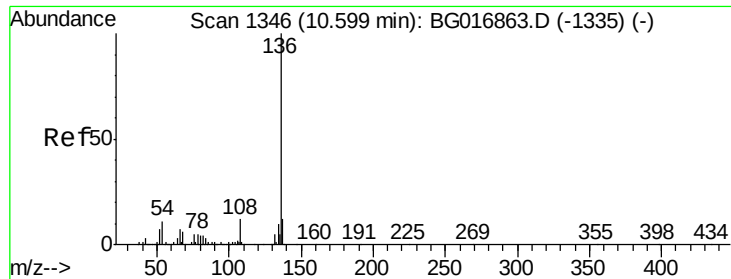
#20
3+4-Methylphenols
Concen: 32.67 ng
RT: 8.56 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BG016946.D
Acq: 8 May 2015 6:30

Tgt Ion: 107 Resp: 167662
Ion Ratio Lower Upper
107 100
108 88.6 76.6 116.6
77 38.4 19.0 59.0
79 35.0 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

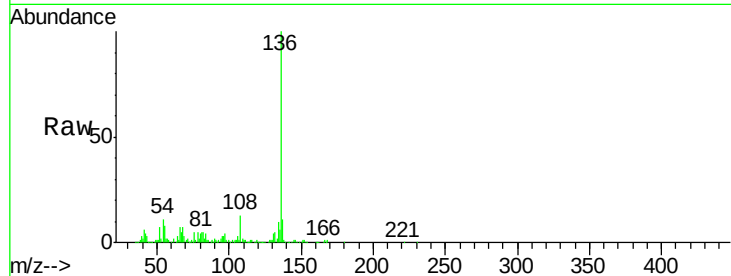




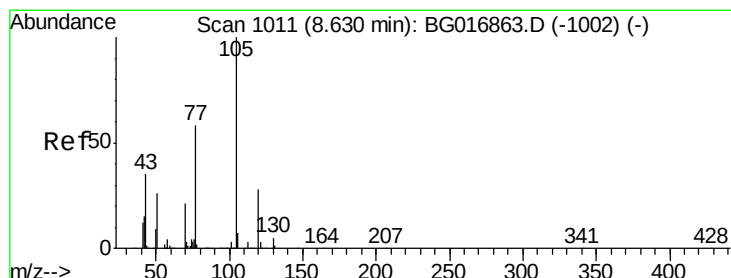
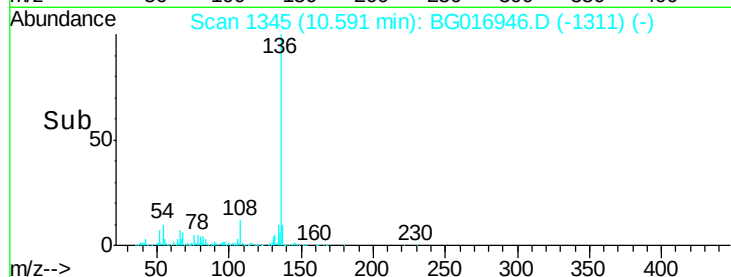
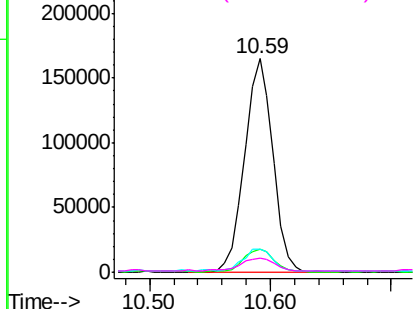
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.59 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BG016946.D
Acq: 8 May 2015 6:30

Instrument :
BNA_G
ClientSampleId :
SB-51DMSD

Tgt Ion:	136	Resp:	267964
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.8	14.8
54	10.9	8.7	13.1
68	6.9	5.0	7.4

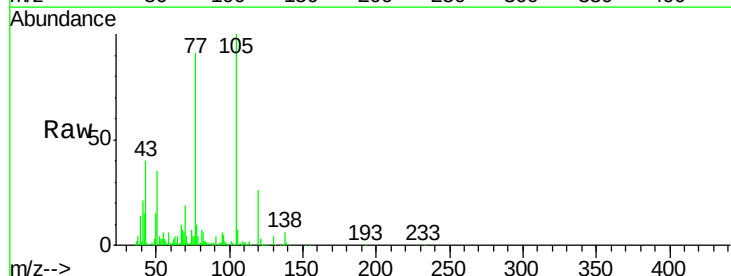


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

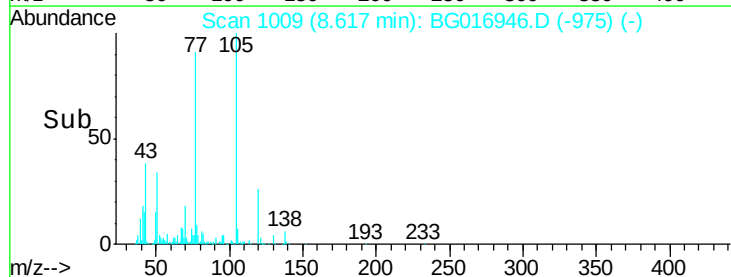
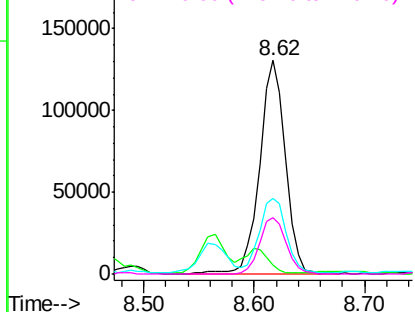


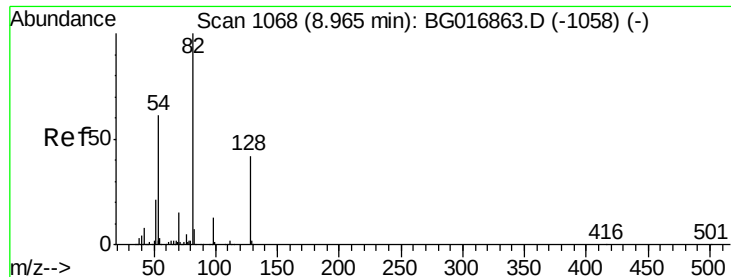
#22
Acetophenone
Concen: 33.48 ng
RT: 8.62 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BG016946.D
Acq: 8 May 2015 6:30

Tgt Ion:	105	Resp:	213709
Ion	Ratio	Lower	Upper
105	100		
71	4.0	2.8	4.2
51	35.2	29.4	44.2
120	26.4	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

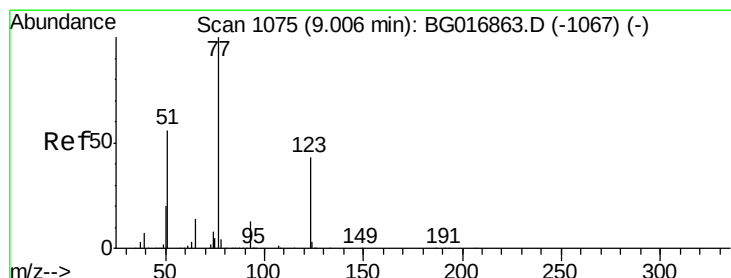
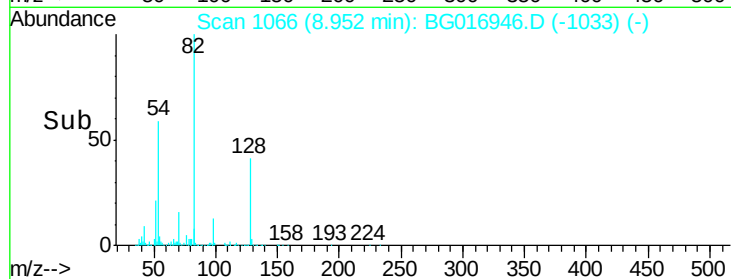
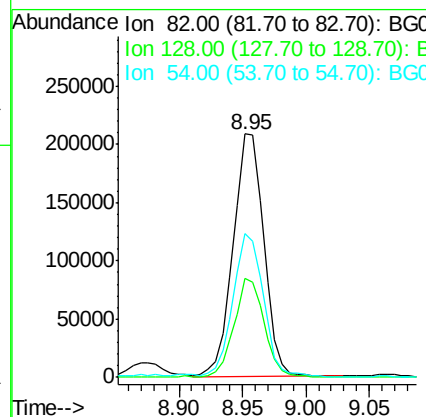
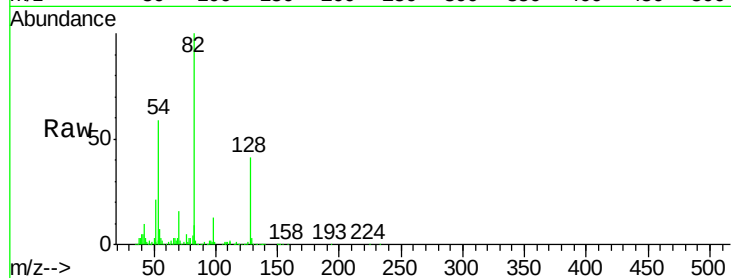




#23
 Nitrobenzene-d5
 Concen: 63.60 ng
 RT: 8.95 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: BG016946.D
 Acq: 8 May 2015 6:30

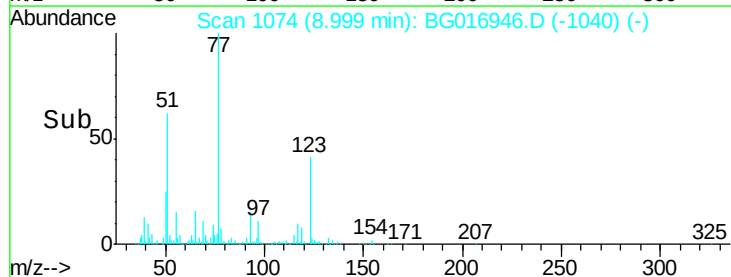
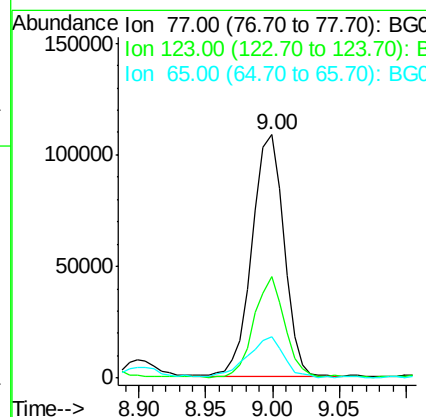
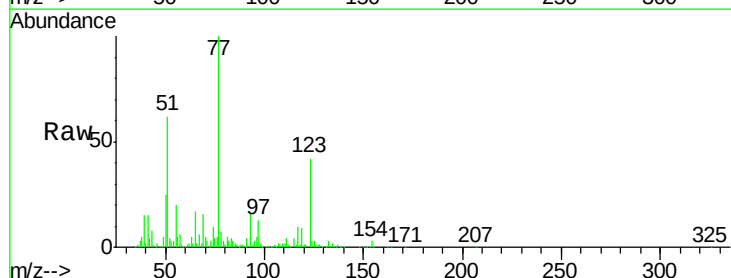
Instrument :
 BNA_G
 ClientSampled :
 SB-51DMSD

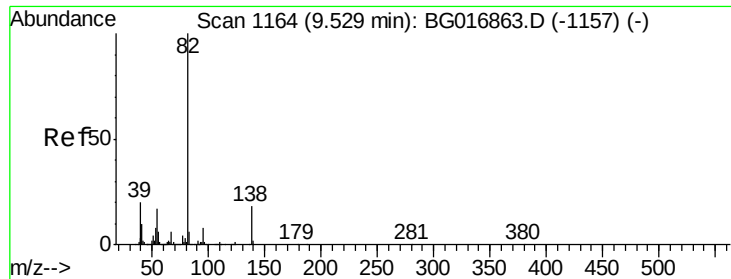
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.6	33.2	49.8
54	58.9	48.6	72.8



#24
 Nitrobenzene
 Concen: 32.20 ng
 RT: 9.00 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: BG016946.D
 Acq: 8 May 2015 6:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.5	34.0	51.0
65	16.8	11.2	16.8#





#25

Isophorone

Concen: 30.47 ng

RT: 9.52 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BG016946.D

Acq: 8 May 2015 6:30

Instrument :

BNA_G

ClientSampleId :

SB-51DMSD

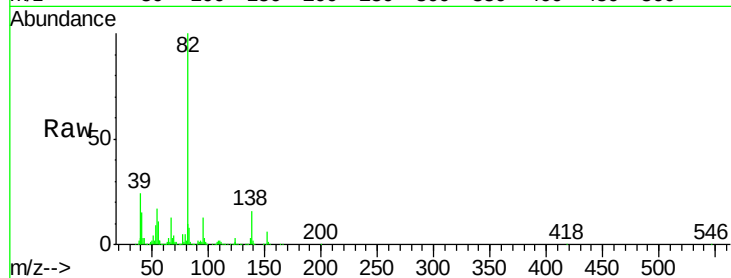
Tgt Ion: 82 Resp: 337454

Ion Ratio Lower Upper

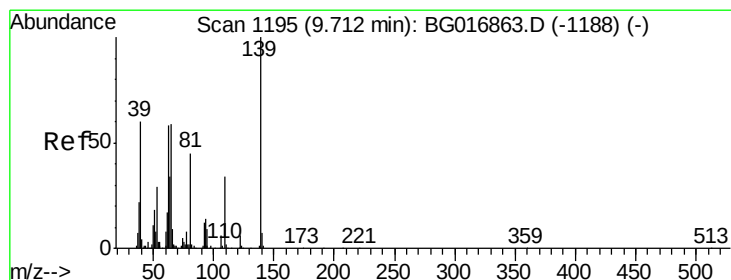
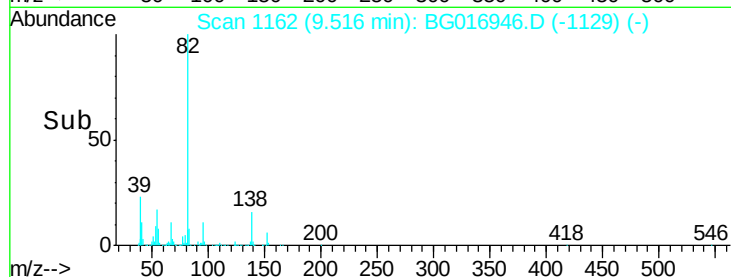
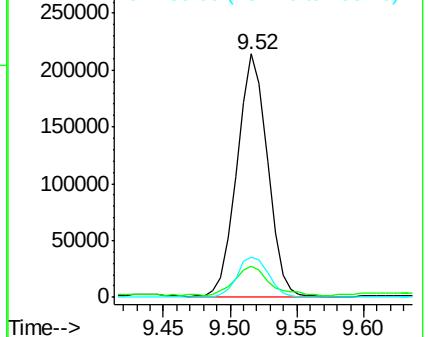
82 100

95 12.8 6.7 10.1#

138 16.4 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: 33.02 ng

RT: 9.70 min Scan# 1194

Delta R.T. -0.00 min

Lab File: BG016946.D

Acq: 8 May 2015 6:30

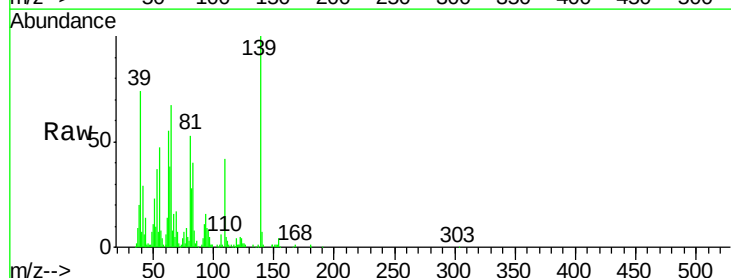
Tgt Ion: 139 Resp: 74465

Ion Ratio Lower Upper

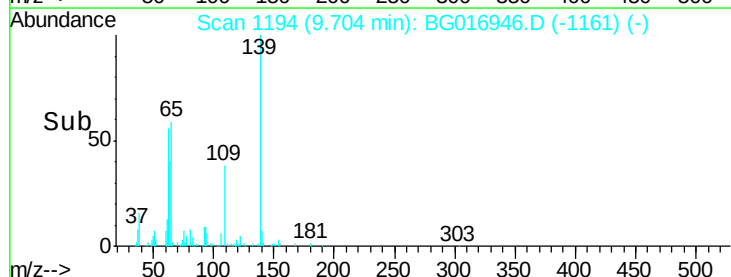
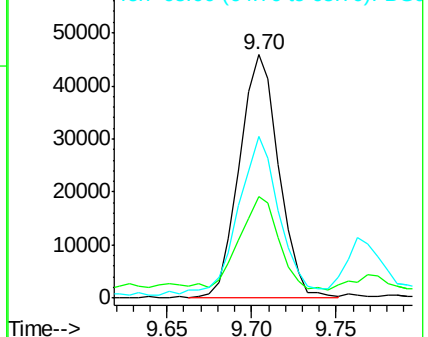
139 100

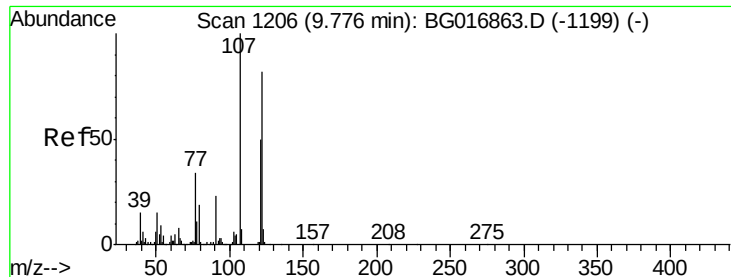
109 41.5 27.4 41.2#

65 66.5 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

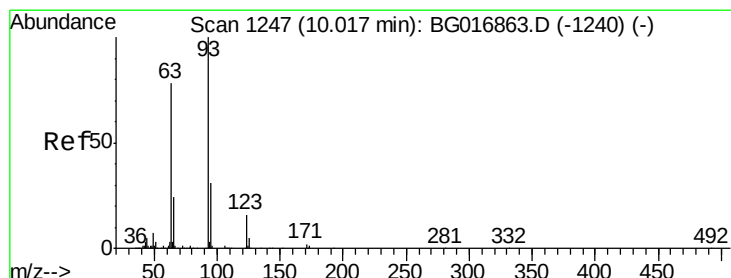
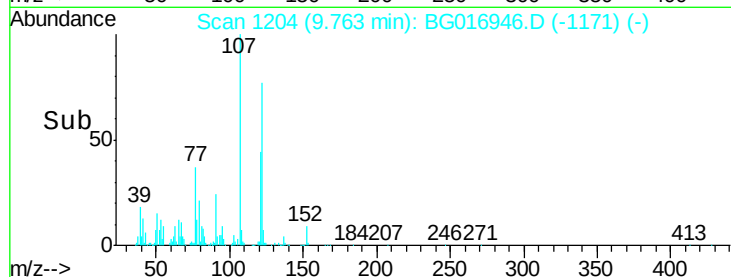
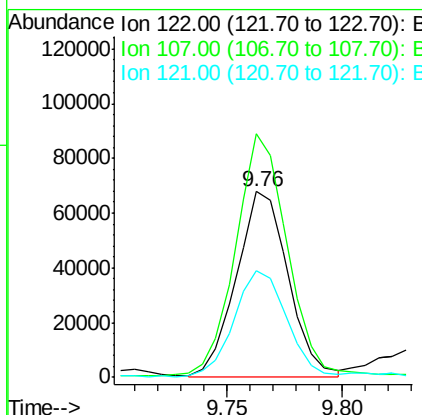
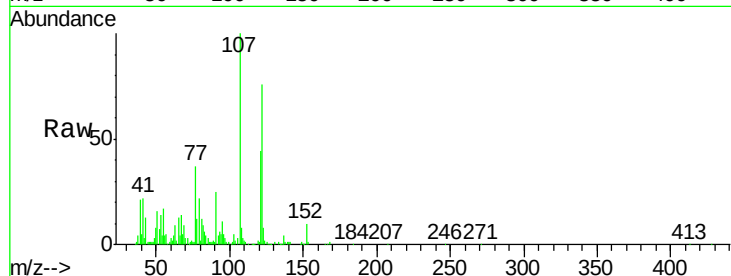




#27
 2,4-Dimethylphenol
 Concen: 25.89 ng
 RT: 9.76 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BG016946.D
 Acq: 8 May 2015 6:30

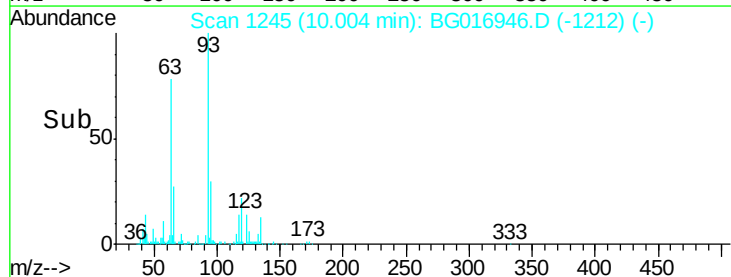
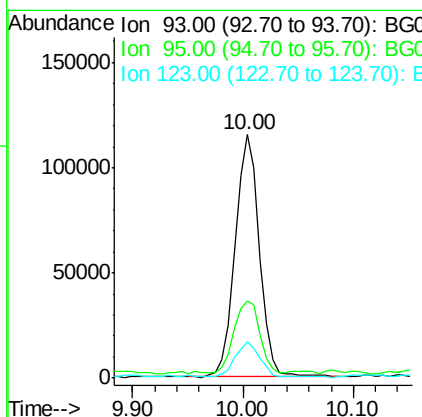
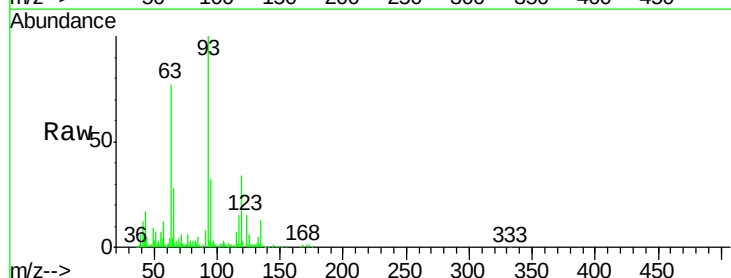
Instrument :
 BNA_G
 ClientSampleId :
 SB-51DMSD

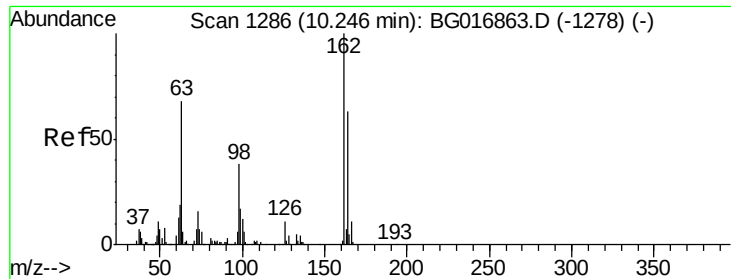
Tgt Ion: 122 Resp: 105681
 Ion Ratio Lower Upper
 122 100
 107 130.9 97.6 146.4
 121 57.1 48.4 72.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 31.52 ng
 RT: 10.00 min Scan# 1245
 Delta R.T. -0.00 min
 Lab File: BG016946.D
 Acq: 8 May 2015 6:30

Tgt Ion: 93 Resp: 176228
 Ion Ratio Lower Upper
 93 100
 95 31.8 24.8 37.2
 123 14.9 12.6 19.0

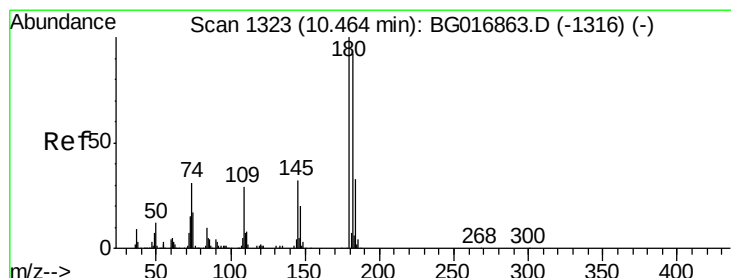
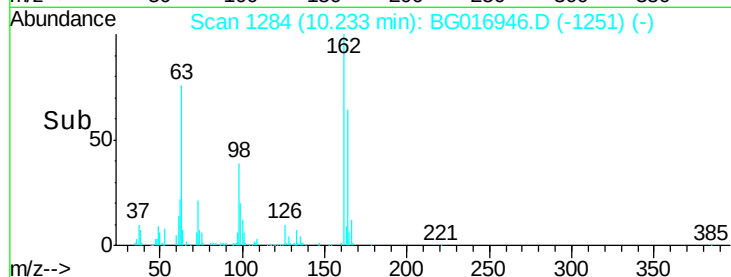
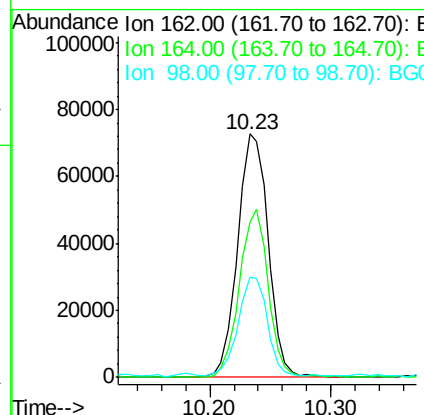
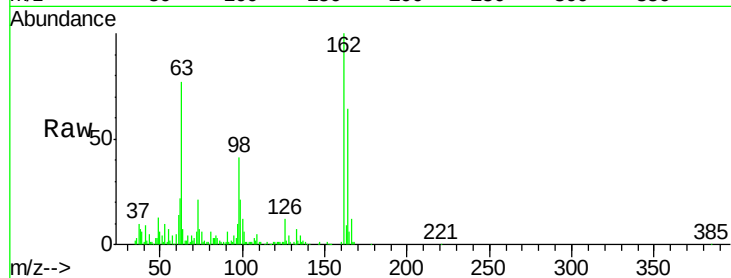




#29
 2,4-Dichlorophenol
 Concen: 33.27 ng
 RT: 10.23 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BG016946.D
 Acq: 8 May 2015 6:30

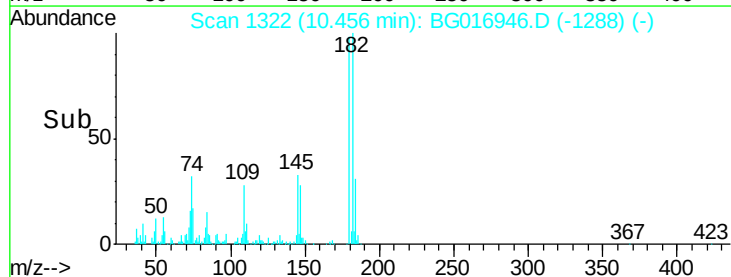
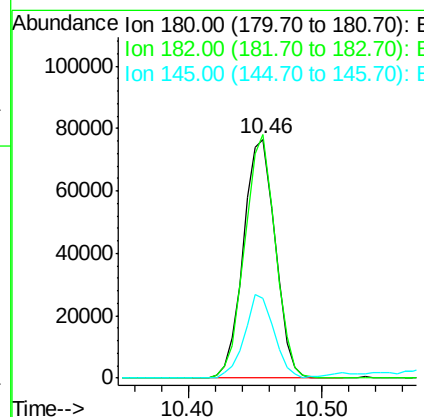
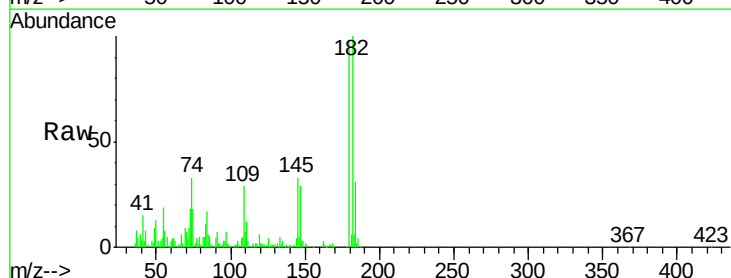
Instrument :
 BNA_G
 ClientSampleId :
 SB-51DMSD

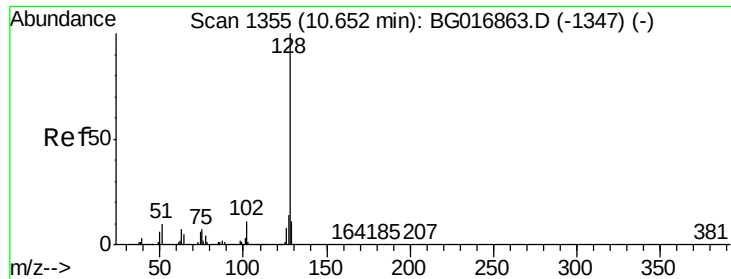
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.8	42.9	82.9
98	41.0	18.4	58.4



#30
 1,2,4-Trichlorobenzene
 Concen: 30.83 ng
 RT: 10.46 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BG016946.D
 Acq: 8 May 2015 6:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	102.1	73.8	110.8
145	33.2	25.4	38.0

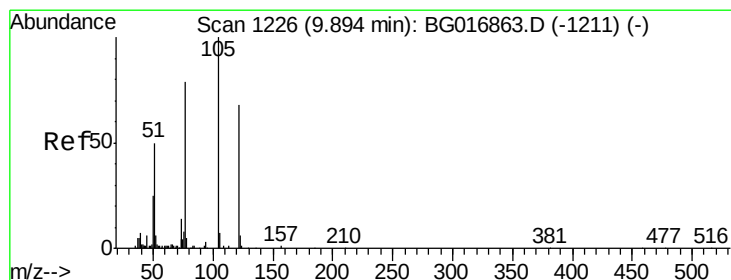
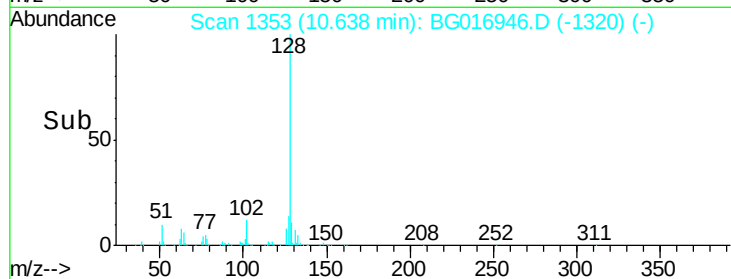
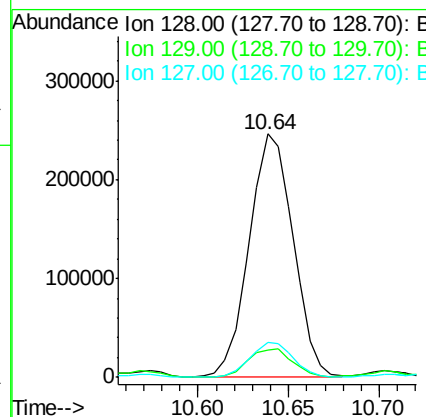
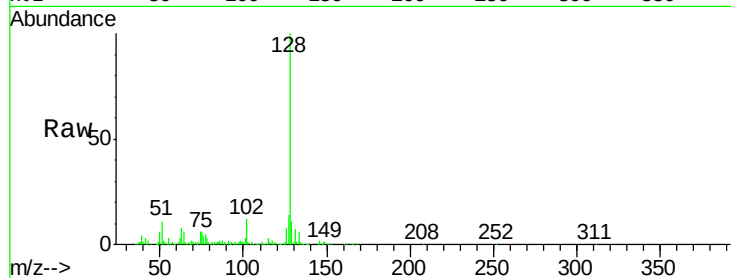




#31
Naphthalene
Concen: 31.12 ng
RT: 10.64 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BG016946.D
Acq: 8 May 2015 6:30

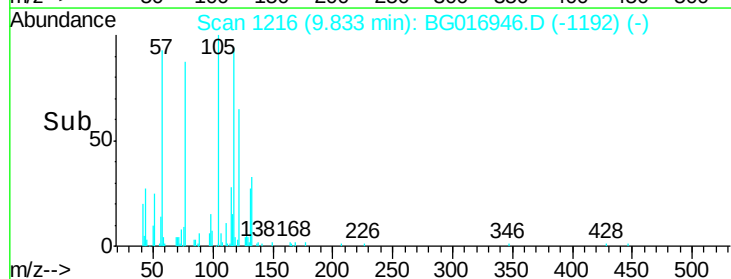
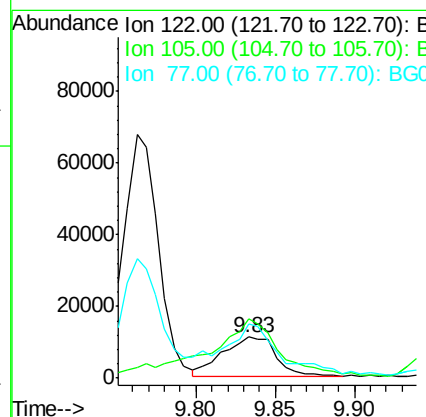
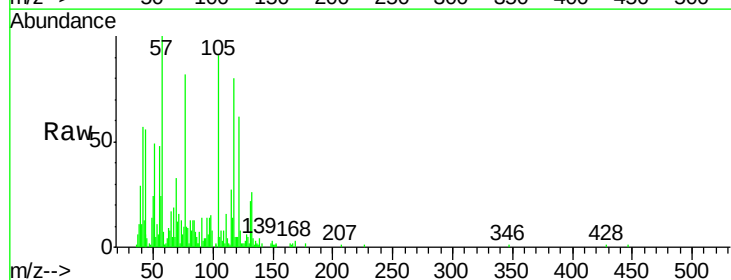
Instrument :
BNA_G
ClientSampleId :
SB-51DMSD

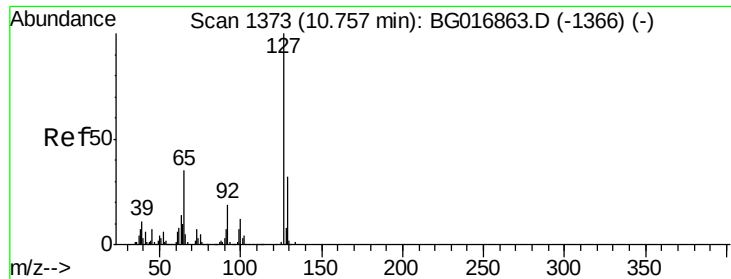
Tgt Ion:128 Resp: 414747
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 14.2 10.9 16.3



#32
Benzoic acid
Concen: 13.88 ng
RT: 9.83 min Scan# 1216
Delta R.T. -0.06 min
Lab File: BG016946.D
Acq: 8 May 2015 6:30

Tgt Ion:122 Resp: 26085
Ion Ratio Lower Upper
122 100
105 146.2 123.2 163.2
77 131.4 93.0 133.0

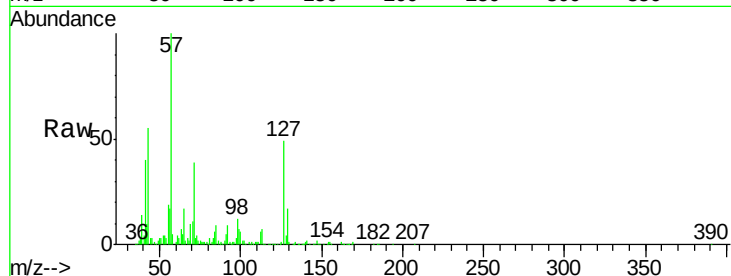




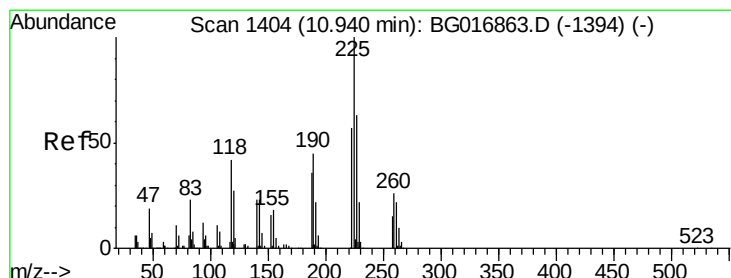
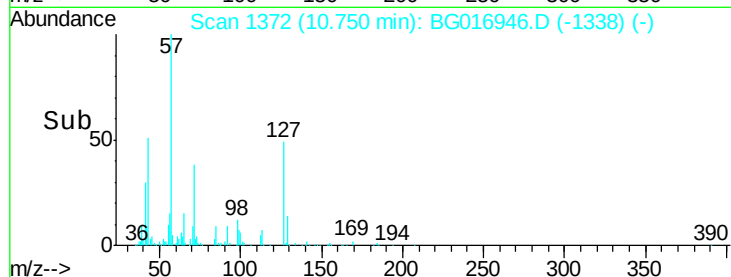
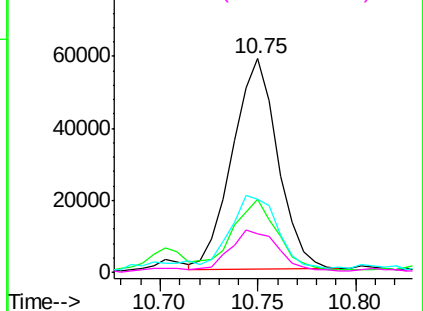
#33
 4-Chloroaniline
 Concen: 15.34 ng
 RT: 10.75 min Scan# 1372
 Delta R.T. 0.00 min
 Lab File: BG016946.D
 Acq: 8 May 2015 6:30

Instrument :
 BNA_G
 ClientSampleId :
 SB-51DMSD

Tgt Ion:	127	Resp:	94415
Ion	Ratio	Lower	Upper
127	100		
129	33.9	25.8	38.6
65	34.4	28.2	42.2
92	18.0	15.6	23.4

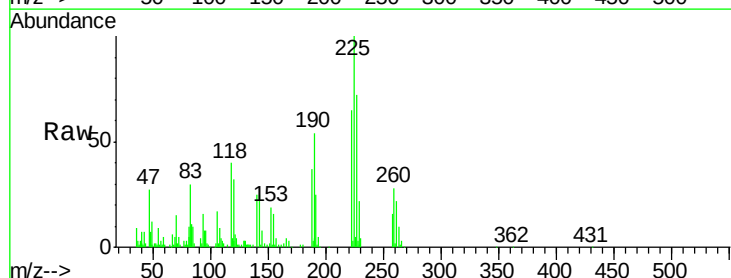


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC

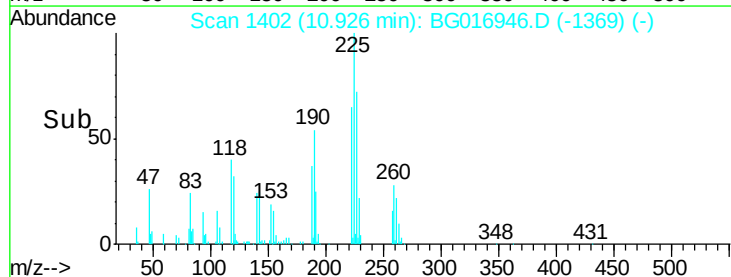
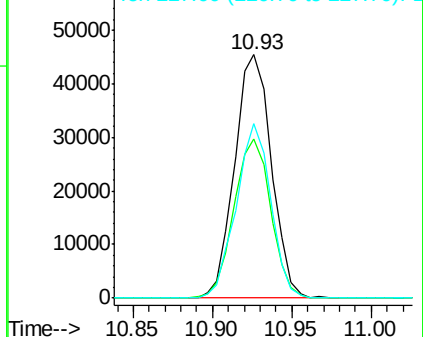


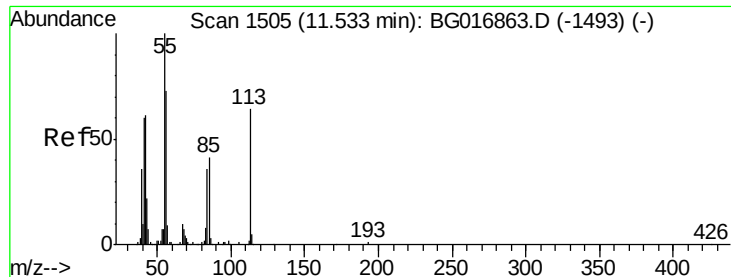
#34
 Hexachlorobutadiene
 Concen: 28.50 ng
 RT: 10.93 min Scan# 1402
 Delta R.T. -0.00 min
 Lab File: BG016946.D
 Acq: 8 May 2015 6:30

Tgt Ion:	225	Resp:	72940
Ion	Ratio	Lower	Upper
225	100		
223	65.1	45.8	68.6
227	71.8	50.7	76.1



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

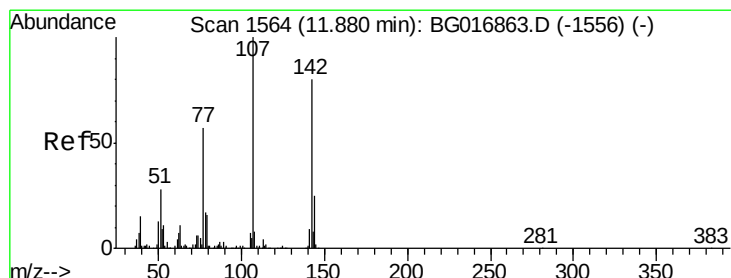
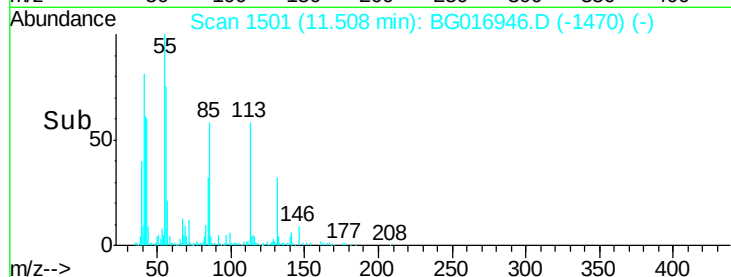
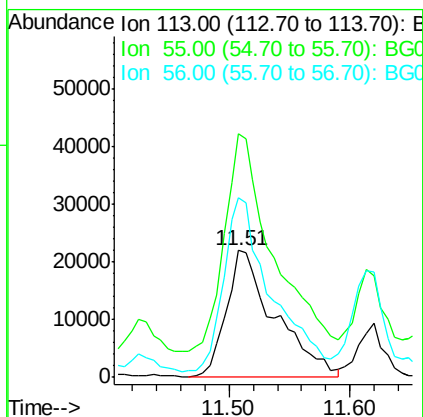
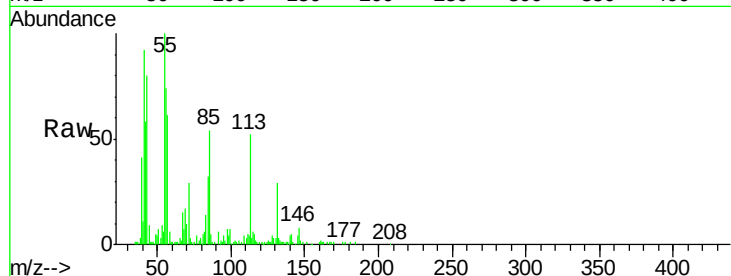




#35
 Caprolactam
 Concen: 30.85 ng
 RT: 11.51 min Scan# 1501
 Delta R.T. -0.02 min
 Lab File: BG016946.D
 Acq: 8 May 2015 6:30

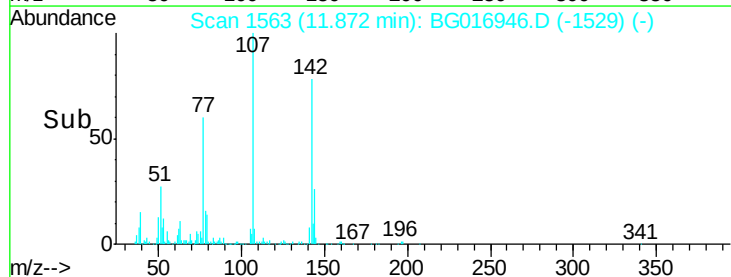
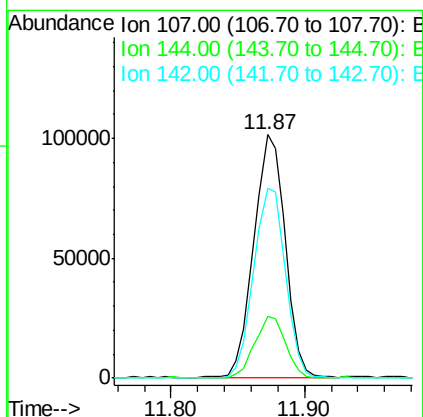
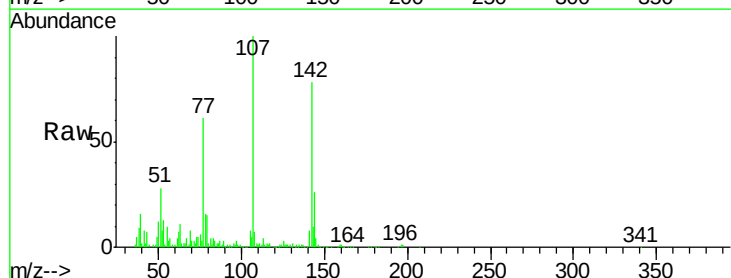
Instrument :
 BNA_G
 ClientSampleId :
 SB-51DMSD

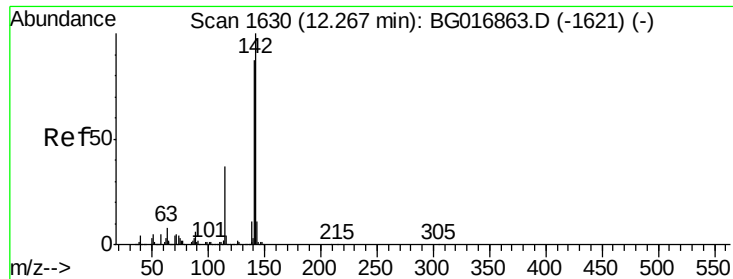
Tgt Ion:113 Resp: 61804
 Ion Ratio Lower Upper
 113 100
 55 191.8 137.1 177.1#
 56 142.0 94.3 134.3#



#36
 4-Chloro-3-methylphenol
 Concen: 33.32 ng
 RT: 11.87 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: BG016946.D
 Acq: 8 May 2015 6:30

Tgt Ion:107 Resp: 164525
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.2 30.2
 142 77.8 64.2 96.2

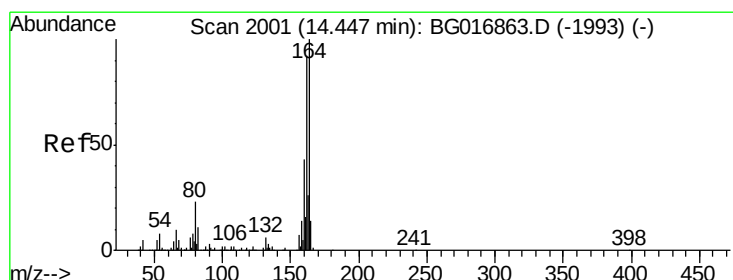
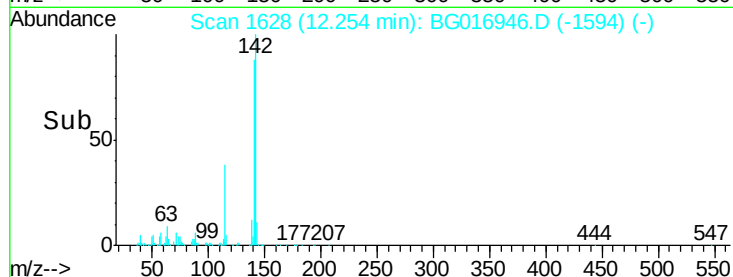
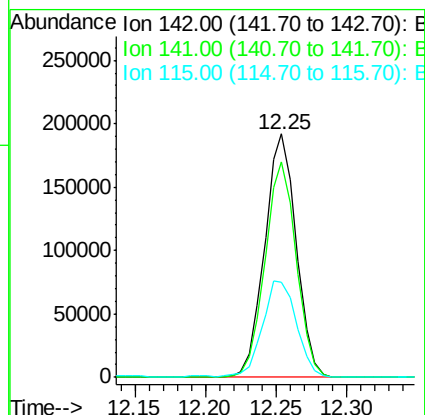
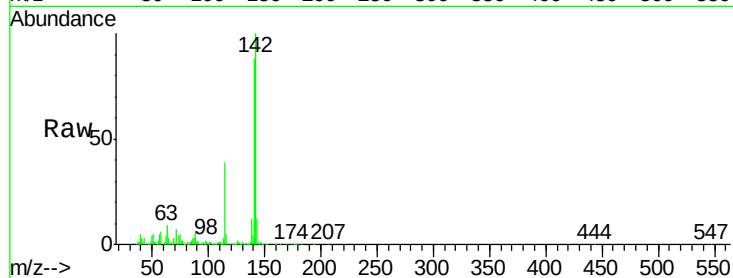




#37
 2-Methylnaphthalene
 Concen: 29.71 ng
 RT: 12.25 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: BG016946.D
 Acq: 8 May 2015 6:30

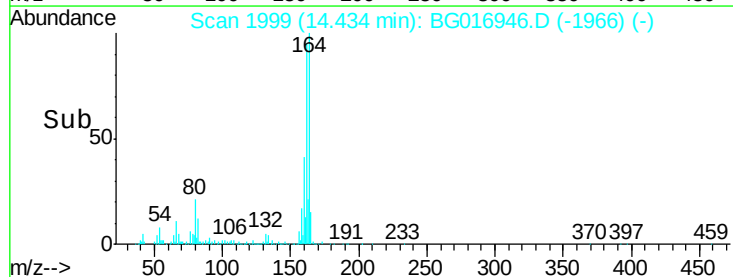
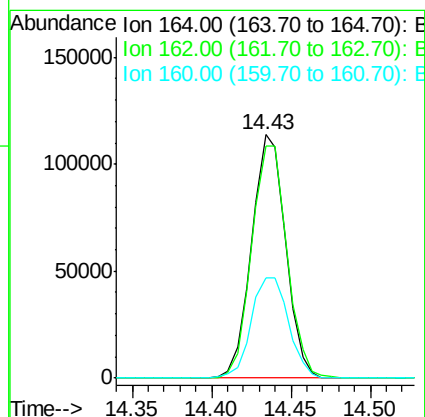
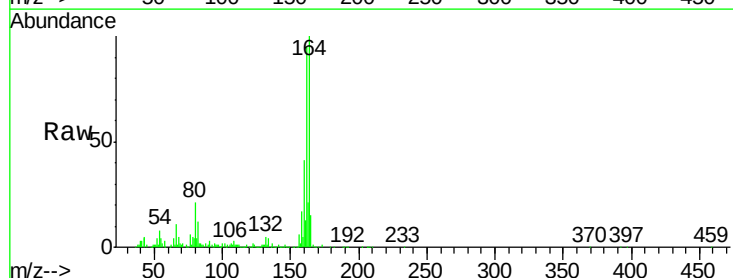
Instrument :
 BNA_G
 ClientSampleId :
 SB-51DMSD

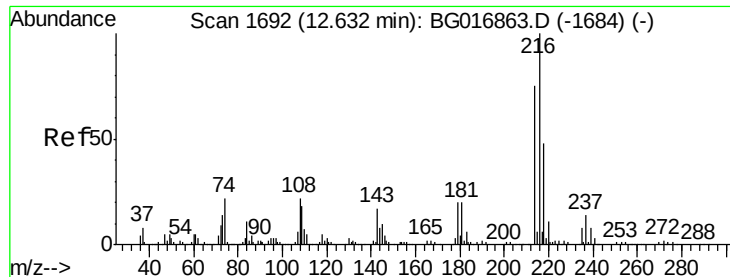
Tgt Ion:142 Resp: 301629
 Ion Ratio Lower Upper
 142 100
 141 88.2 69.9 104.9
 115 39.2 29.8 44.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1999
 Delta R.T. -0.00 min
 Lab File: BG016946.D
 Acq: 8 May 2015 6:30

Tgt Ion:164 Resp: 169506
 Ion Ratio Lower Upper
 164 100
 162 95.5 74.0 111.0
 160 41.1 34.7 52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.13 ng

RT: 12.62 min Scan# 1691

Delta R.T. 0.00 min

Lab File: BG016946.D

Acq: 8 May 2015 6:30

Instrument :

BNA_G

ClientSampleId :

SB-51DMSD

Tgt Ion:216 Resp: 138063

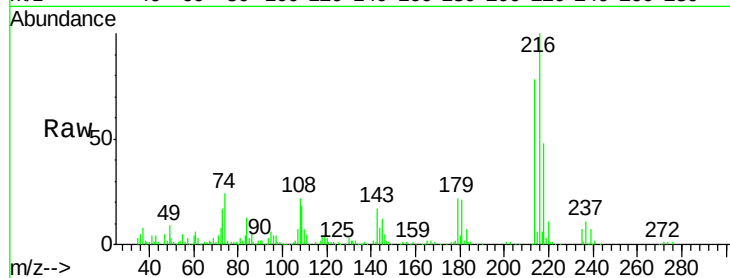
Ion Ratio Lower Upper

216 100

214 76.8 0.0 0.0#

179 22.0 0.0 0.0#

108 27.1 0.0 0.0#

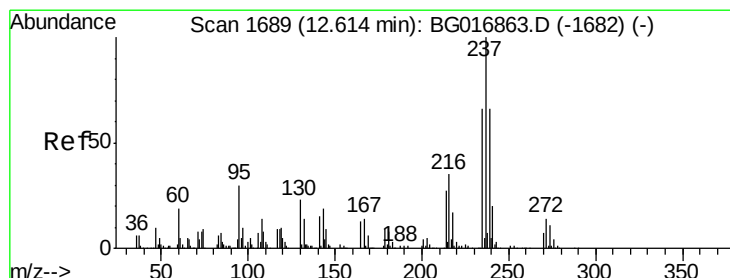
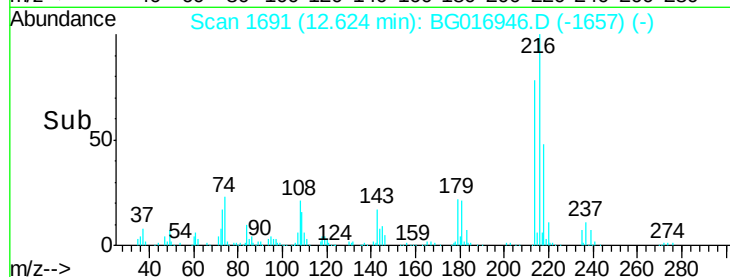
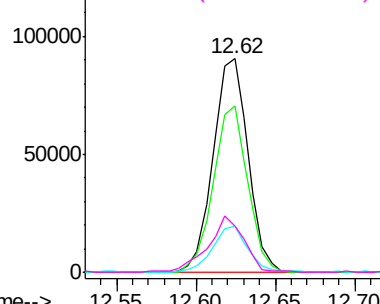


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 49.82 ng

RT: 12.60 min Scan# 1687

Delta R.T. -0.00 min

Lab File: BG016946.D

Acq: 8 May 2015 6:30

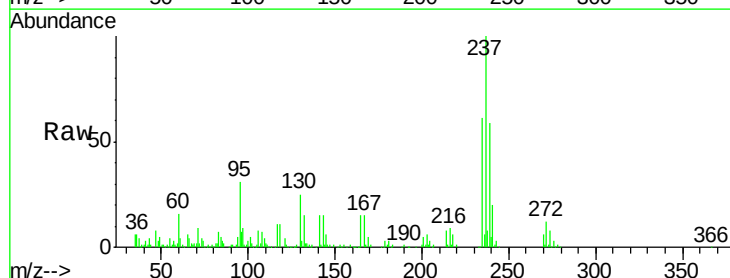
Tgt Ion:237 Resp: 147426

Ion Ratio Lower Upper

237 100

235 61.5 45.5 85.5

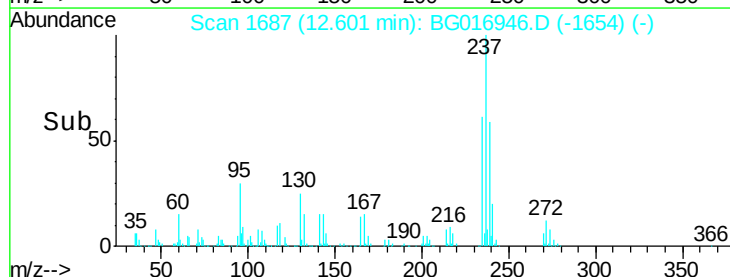
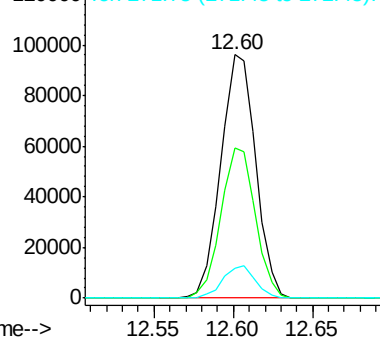
272 12.3 0.0 33.7

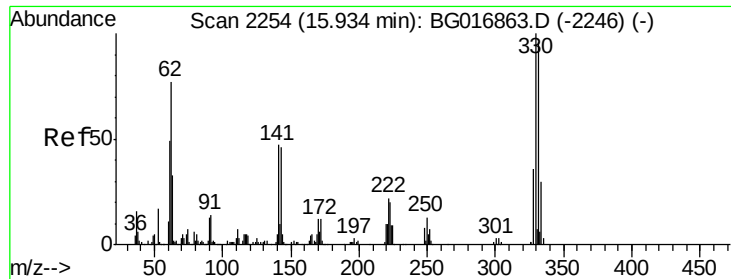


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

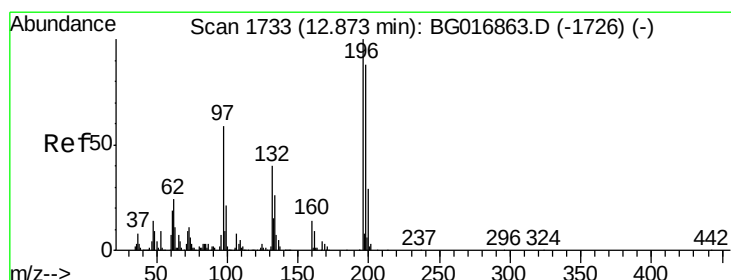
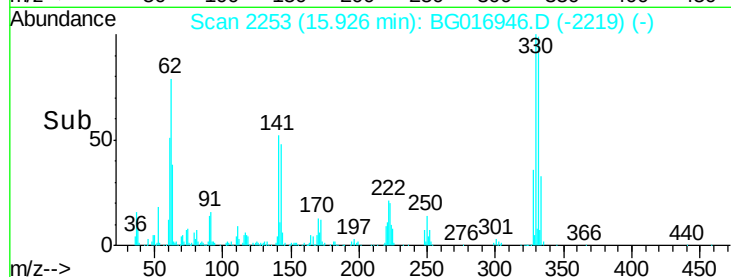
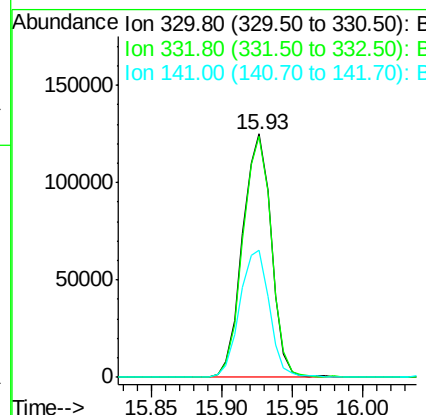
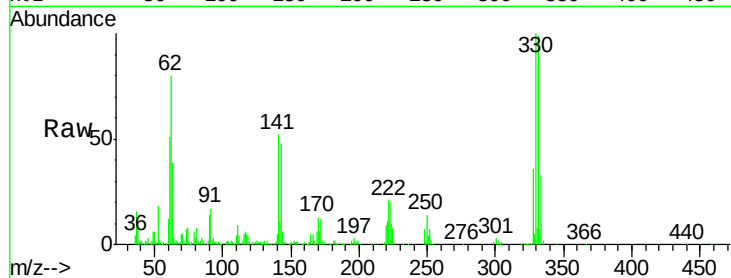




#41
 2,4,6-Tribromophenol
 Concen: 104.56 ng
 RT: 15.93 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: BG016946.D
 Acq: 8 May 2015 6:30

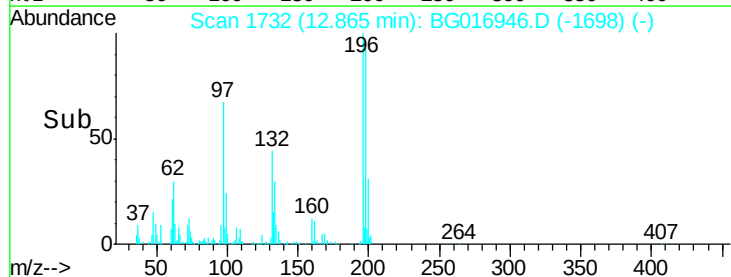
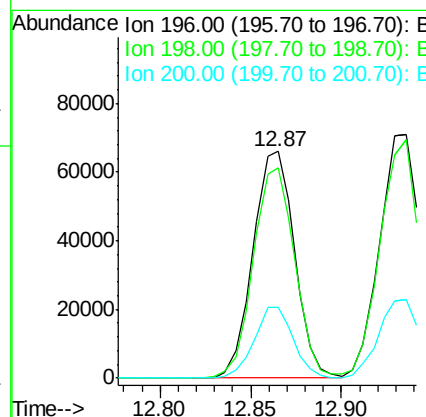
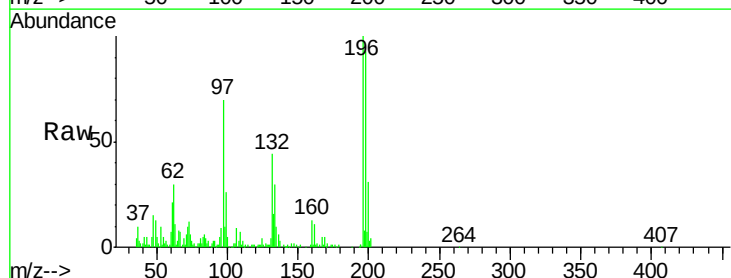
Instrument :
 BNA_G
 ClientSampleId :
 SB-51DMSD

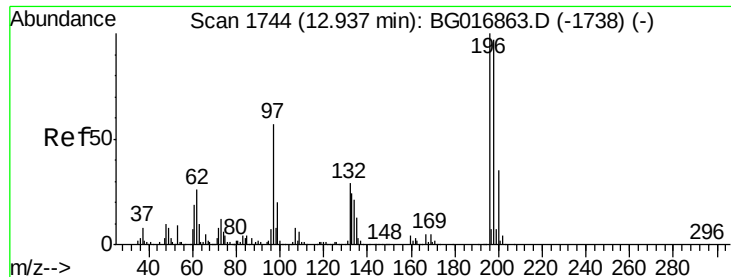
Tgt Ion:330 Resp: 177930
 Ion Ratio Lower Upper
 330 100
 332 98.4 0.0 0.0#
 141 54.5 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 32.36 ng
 RT: 12.87 min Scan# 1732
 Delta R.T. 0.00 min
 Lab File: BG016946.D
 Acq: 8 May 2015 6:30

Tgt Ion:196 Resp: 105077
 Ion Ratio Lower Upper
 196 100
 198 93.2 70.7 106.1
 200 31.3 23.0 34.4

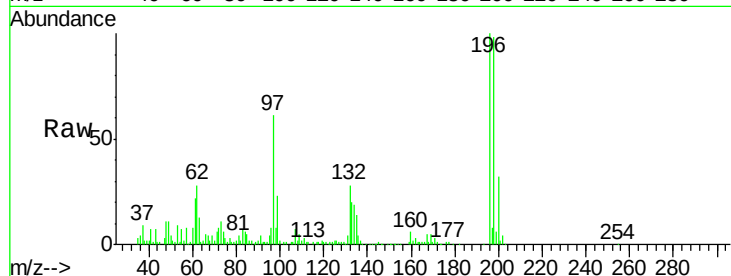




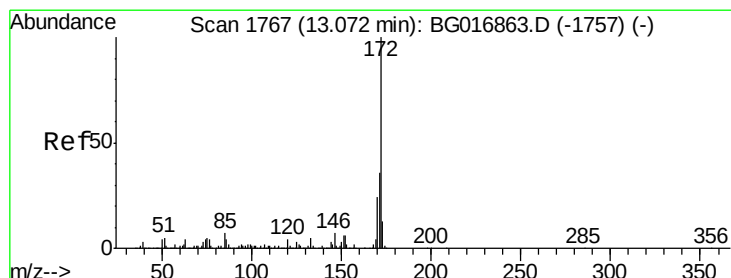
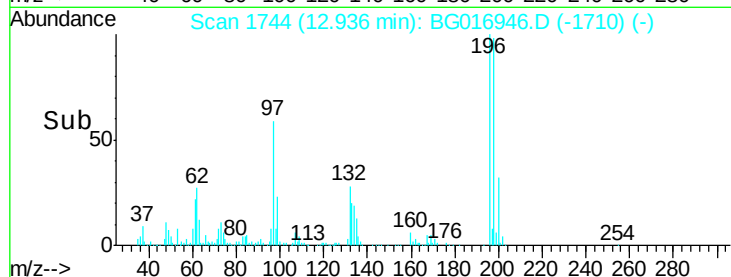
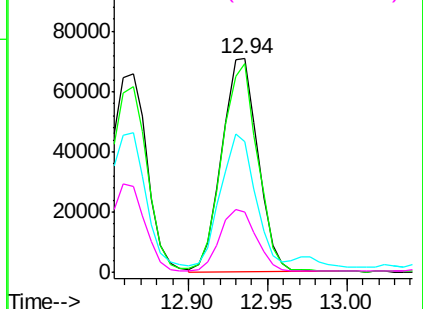
#43
2,4,5-Trichlorophenol
Concen: 32.45 ng
RT: 12.94 min Scan# 1744
Delta R.T. 0.00 min
Lab File: BG016946.D
Acq: 8 May 2015 6:30

Instrument :
BNA_G
ClientSampleId :
SB-51DMSD

Tgt Ion:196 Resp: 111844
Ion Ratio Lower Upper
196 100
198 97.8 77.5 116.3
97 61.3 45.9 68.9
132 28.4 23.7 35.5

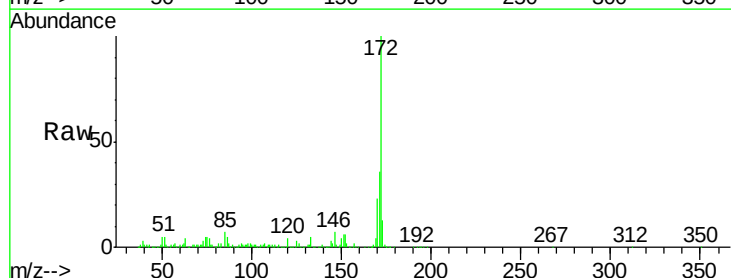


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BG
Ion 132.00 (131.70 to 132.70): E

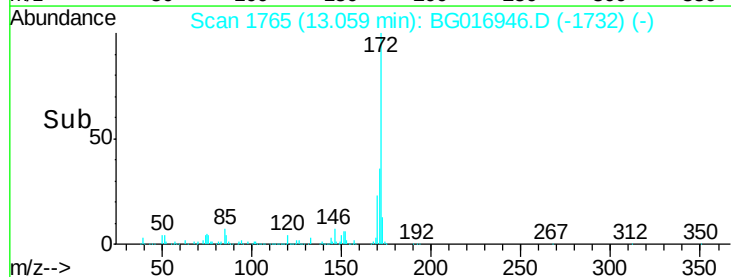
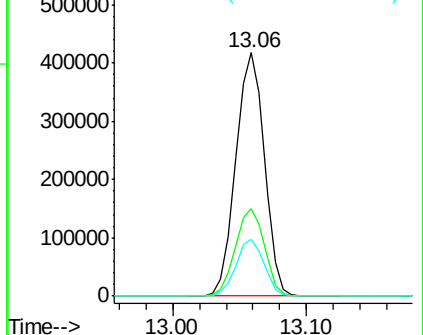


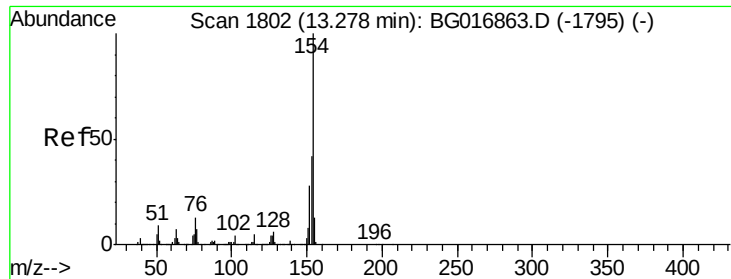
#44
2-Fluorobiphenyl
Concen: 55.07 ng
RT: 13.06 min Scan# 1765
Delta R.T. -0.00 min
Lab File: BG016946.D
Acq: 8 May 2015 6:30

Tgt Ion:172 Resp: 618605
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.4
170 23.5 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

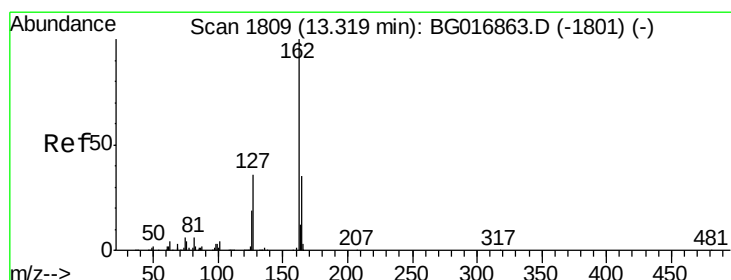
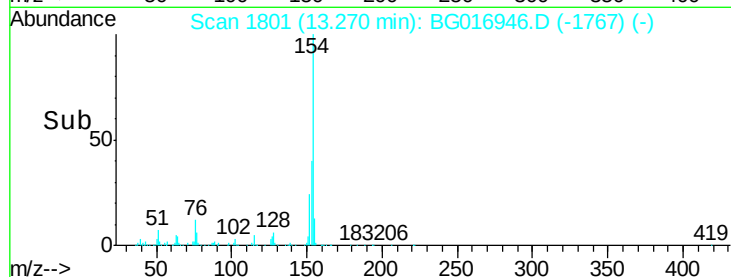
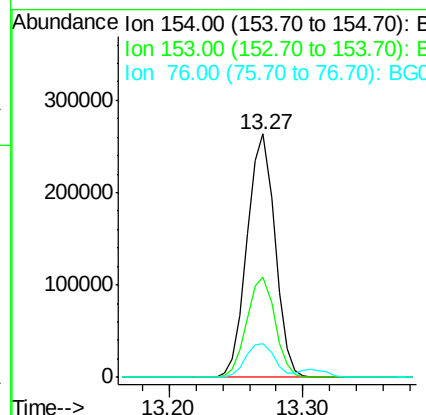
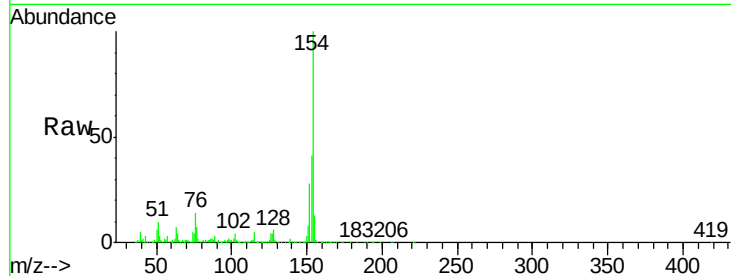




#45
 1,1'-Biphenyl
 Concen: 31.18 ng
 RT: 13.27 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG016946.D
 Acq: 8 May 2015 6:30

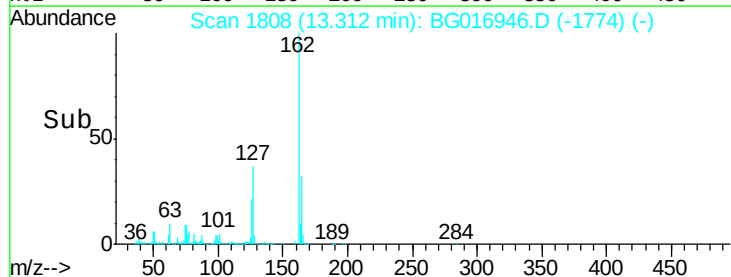
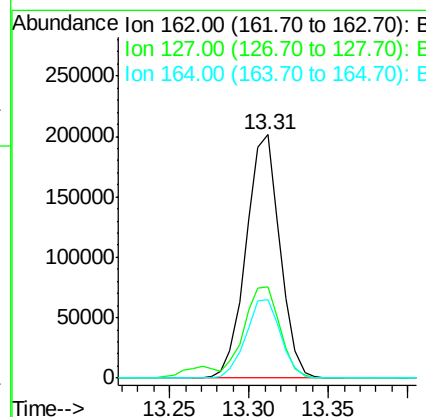
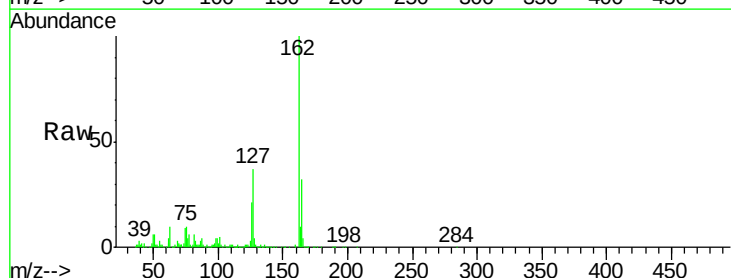
Instrument :
 BNA_G
 ClientSampleId :
 SB-51DMSD

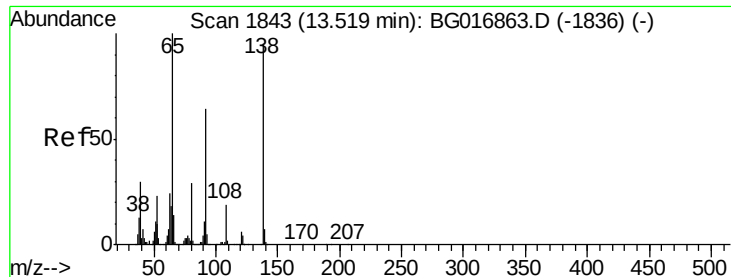
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	22.0	62.0
76	14.0	0.0	33.3



#46
 2-Chloronaphthalene
 Concen: 31.03 ng
 RT: 13.31 min Scan# 1808
 Delta R.T. 0.00 min
 Lab File: BG016946.D
 Acq: 8 May 2015 6:30

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.4	31.2	46.8
164	32.1	27.8	41.6





#47

2-Nitroaniline

Concen: 36.55 ng

RT: 13.51 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BG016946.D

Acq: 8 May 2015 6:30

Instrument :

BNA_G

ClientSampleId :

SB-51DMSD

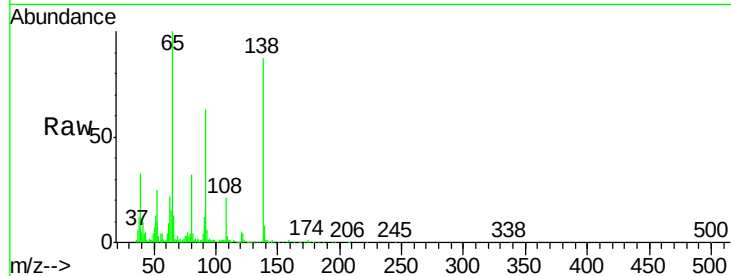
Tgt Ion: 65 Resp: 122295

Ion Ratio Lower Upper

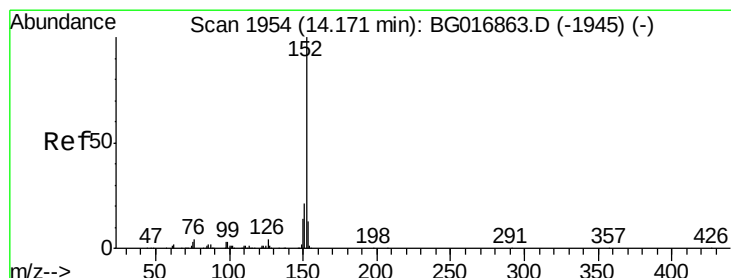
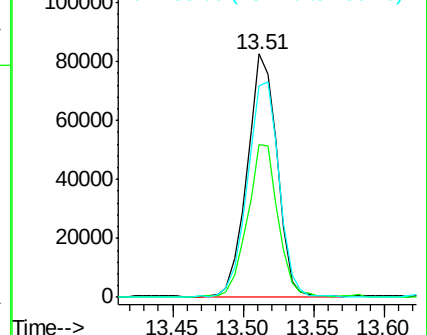
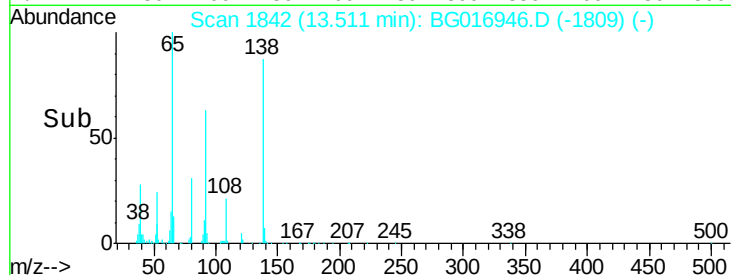
65 100

92 62.8 51.0 76.6

138 86.7 76.2 114.2



Abundance Ion 65.00 (64.70 to 65.70): BG016946.D (-1809) (-)



#48

Acenaphthylene

Concen: 29.73 ng

RT: 14.16 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BG016946.D

Acq: 8 May 2015 6:30

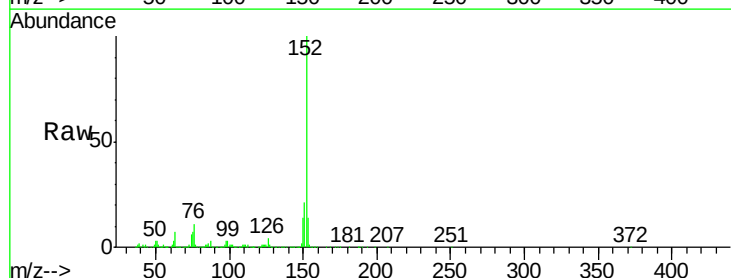
Tgt Ion: 152 Resp: 497722

Ion Ratio Lower Upper

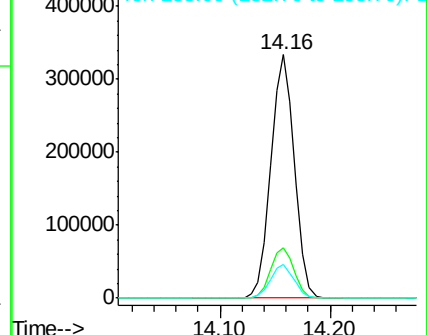
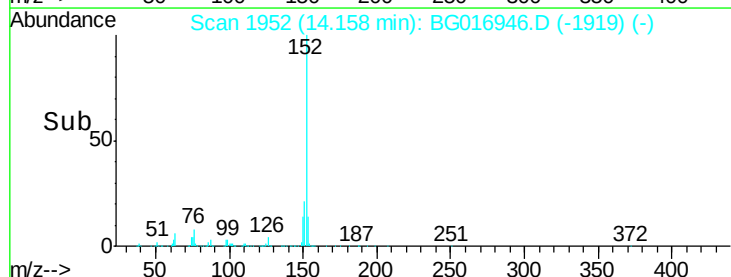
152 100

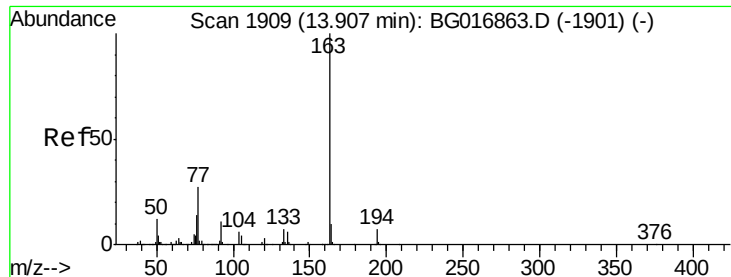
151 20.9 17.0 25.4

153 13.7 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BG016946.D (-1919) (-)





#49

Dimethylphthalate

Concen: 33.32 ng

RT: 13.89 min Scan# 1907

Delta R.T. -0.00 min

Lab File: BG016946.D

Acq: 8 May 2015 6:30

Instrument :

BNA_G

ClientSampleId :

SB-51DMSD

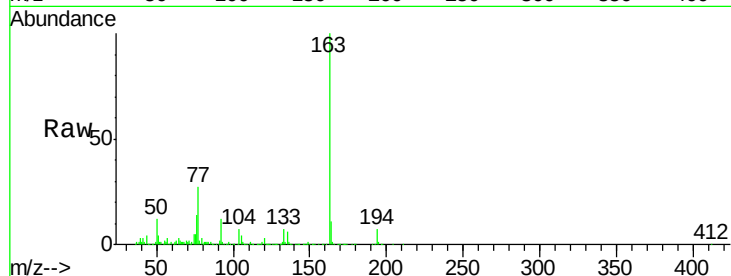
Tgt Ion:163 Resp: 421738

Ion Ratio Lower Upper

163 100

194 7.1 5.2 7.8

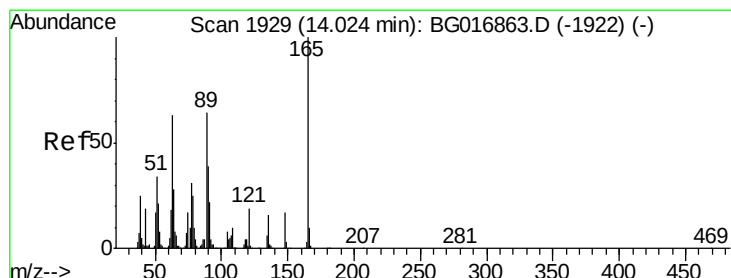
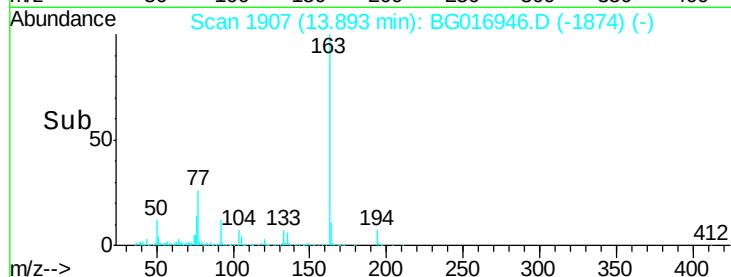
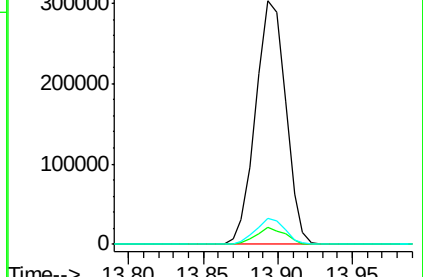
164 10.8 8.4 12.6



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: 33.56 ng

RT: 14.01 min Scan# 1927

Delta R.T. -0.00 min

Lab File: BG016946.D

Acq: 8 May 2015 6:30

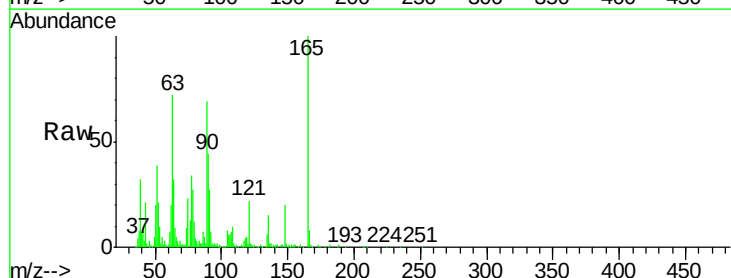
Tgt Ion:165 Resp: 88187

Ion Ratio Lower Upper

165 100

63 71.9 50.9 76.3

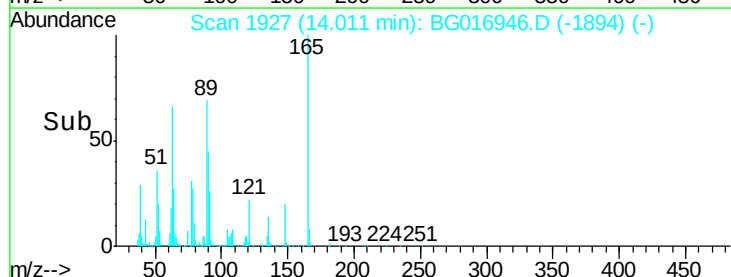
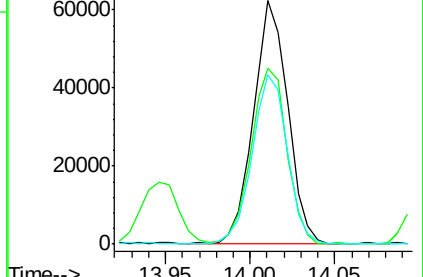
89 69.5 51.4 77.2

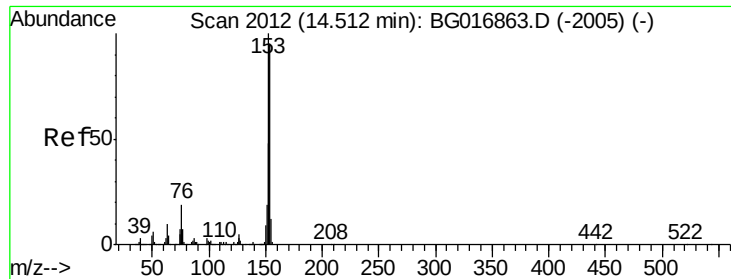


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 30.98 ng

RT: 14.50 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BG016946.D

Acq: 8 May 2015 6:30

Instrument :

BNA_G

ClientSampleId :

SB-51DMSD

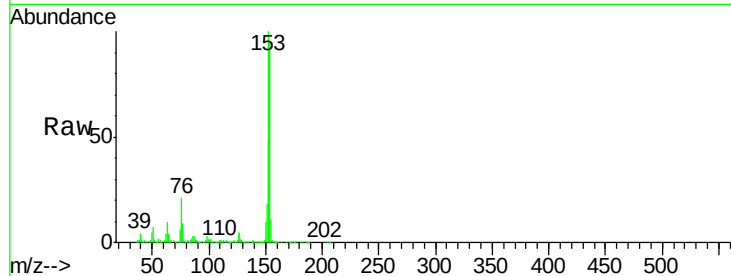
Tgt Ion:154 Resp: 308687

Ion Ratio Lower Upper

154 100

153 105.7 84.2 126.4

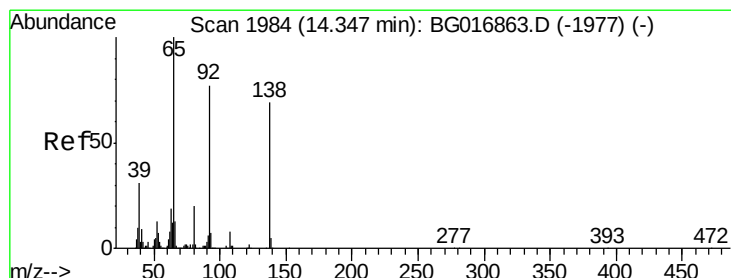
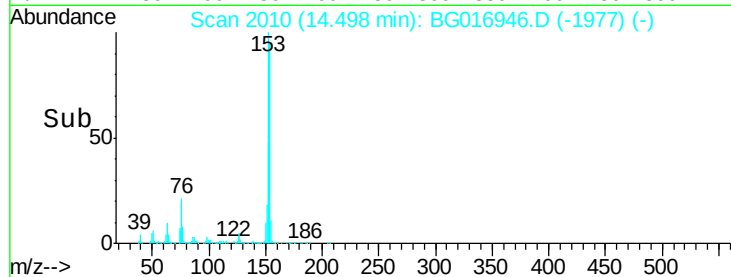
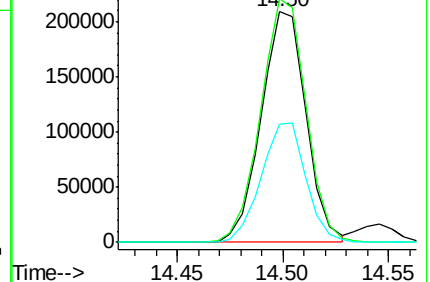
152 51.2 40.2 60.2



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: 27.03 ng

RT: 14.34 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG016946.D

Acq: 8 May 2015 6:30

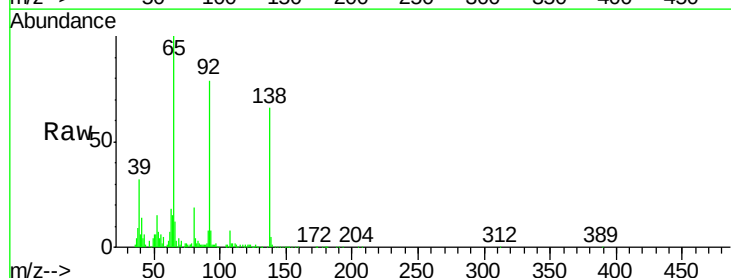
Tgt Ion:138 Resp: 80828

Ion Ratio Lower Upper

138 100

108 12.5 9.5 14.3

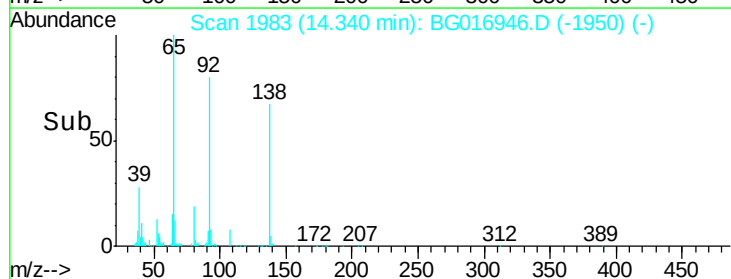
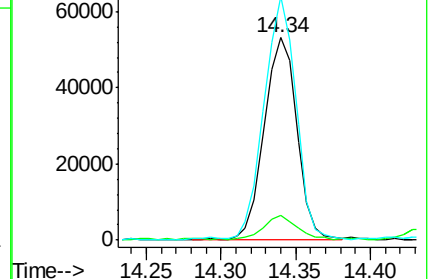
92 120.3 89.6 134.4

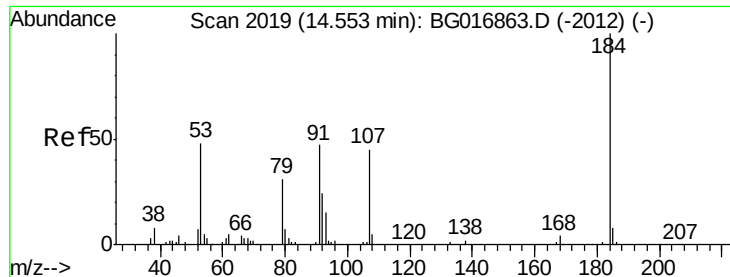


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 31.42 ng

RT: 14.55 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BG016946.D

Acq: 8 May 2015 6:30

Instrument :

BNA_G

ClientSampleId :

SB-51DMSD

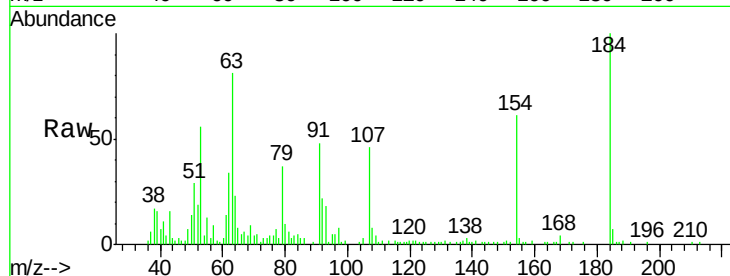
Tgt Ion:184 Resp: 37764

Ion Ratio Lower Upper

184 100

63 80.6 53.4 80.0#

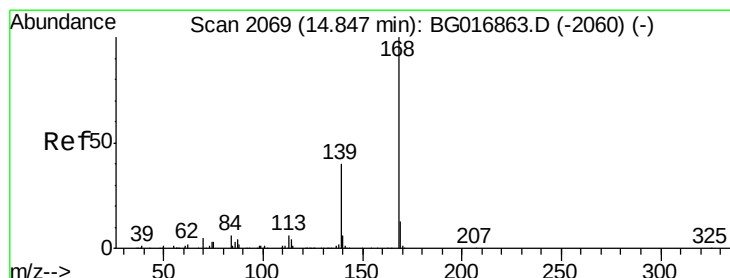
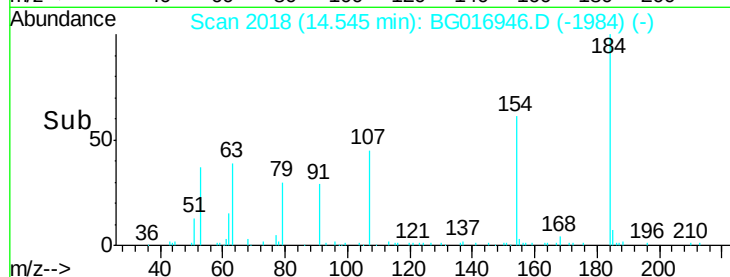
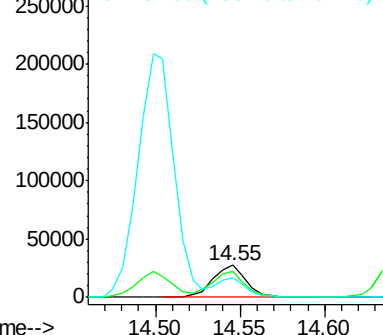
154 61.1 41.0 61.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 31.73 ng

RT: 14.83 min Scan# 2067

Delta R.T. -0.00 min

Lab File: BG016946.D

Acq: 8 May 2015 6:30

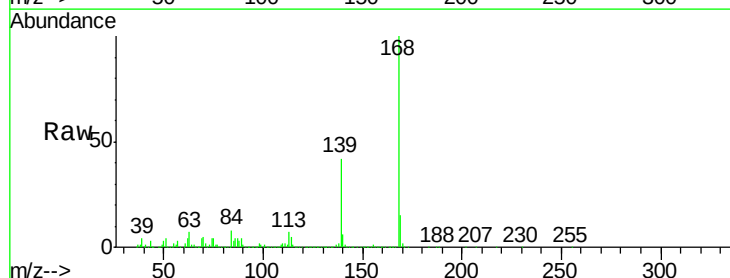
Tgt Ion:168 Resp: 448830

Ion Ratio Lower Upper

168 100

139 42.0 32.5 48.7

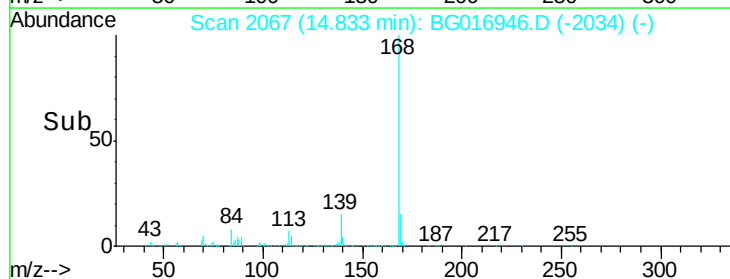
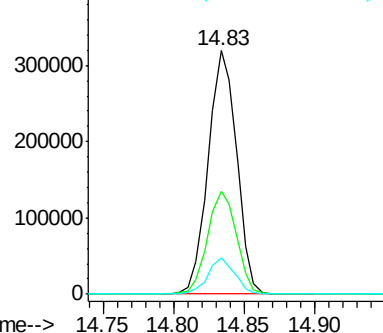
169 15.0 10.4 15.6

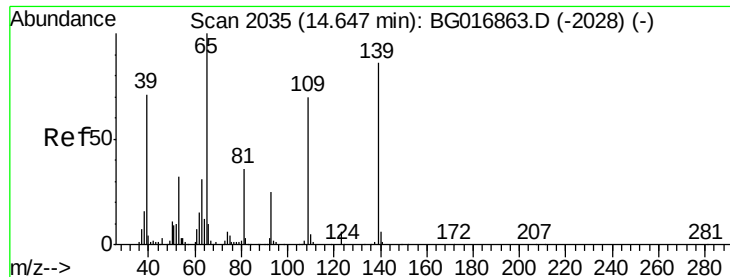


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

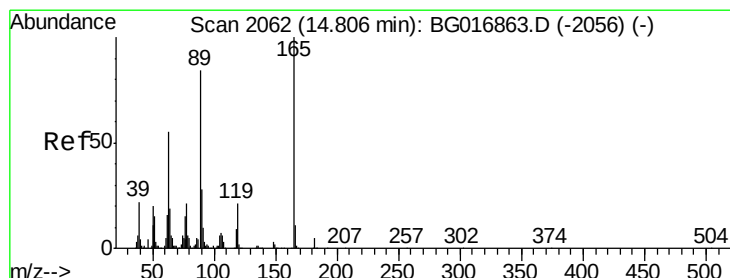
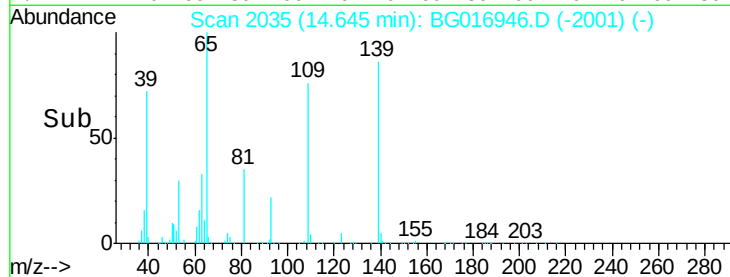
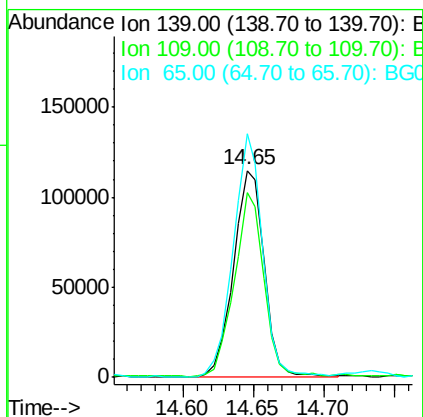
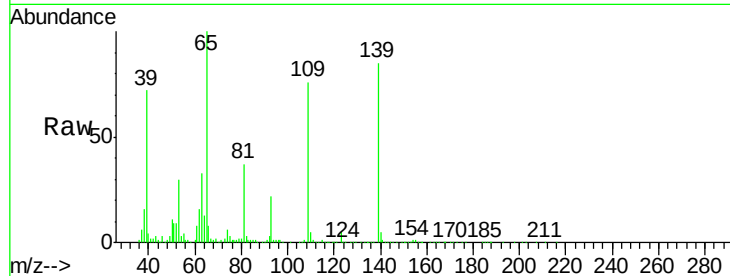




#55
4-Nitrophenol
Concen: 68.83 ng
RT: 14.65 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BG016946.D
Acq: 8 May 2015 6:30

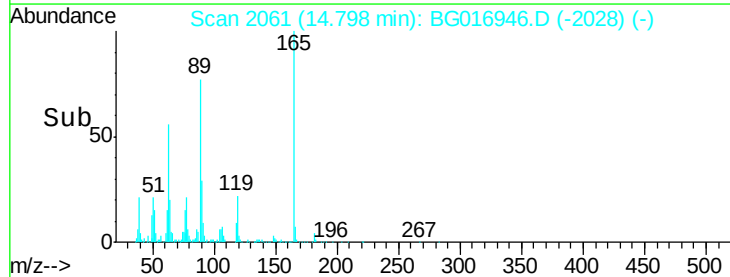
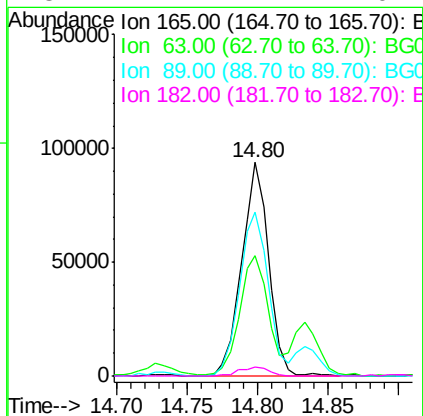
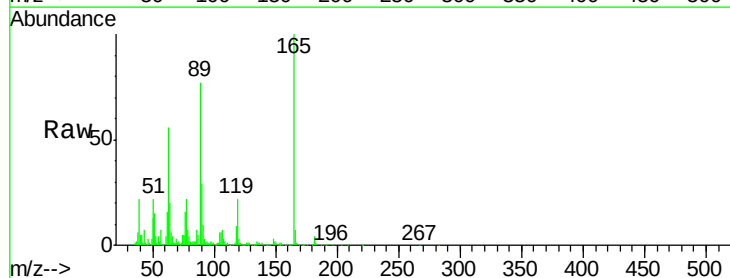
Instrument :
BNA_G
ClientSampleId :
SB-51DMSD

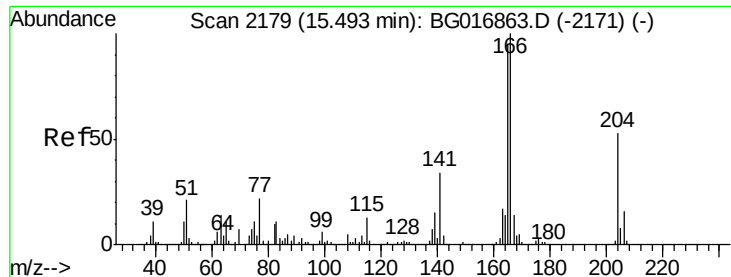
Tgt Ion:139 Resp: 174498
Ion Ratio Lower Upper
139 100
109 89.5 61.8 101.8
65 117.6 96.8 136.8



#56
2,4-Dinitrotoluene
Concen: 37.04 ng
RT: 14.80 min Scan# 2061
Delta R.T. -0.00 min
Lab File: BG016946.D
Acq: 8 May 2015 6:30

Tgt Ion:165 Resp: 124541
Ion Ratio Lower Upper
165 100
63 56.4 44.2 66.4
89 76.8 67.2 100.8
182 4.4 4.2 6.4





#57

Fluorene

Concen: 31.43 ng

RT: 15.49 min Scan# 2178

Delta R.T. 0.00 min

Lab File: BG016946.D

Acq: 8 May 2015 6:30

Instrument :

BNA_G

ClientSampleId :

SB-51DMSD

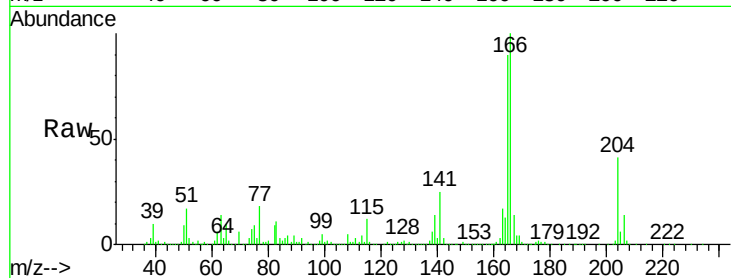
Tgt Ion:166 Resp: 393654

Ion Ratio Lower Upper

166 100

165 90.1 76.1 114.1

167 13.7 11.4 17.2

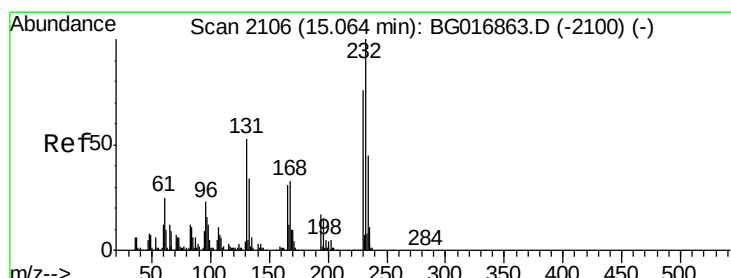
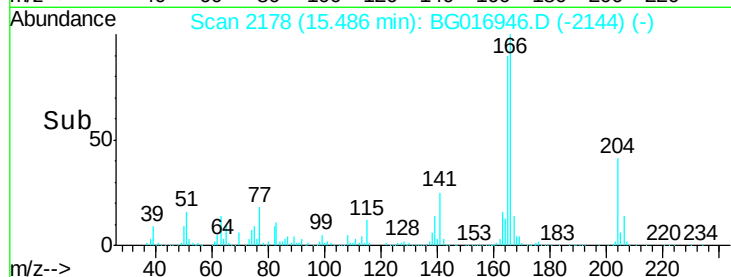
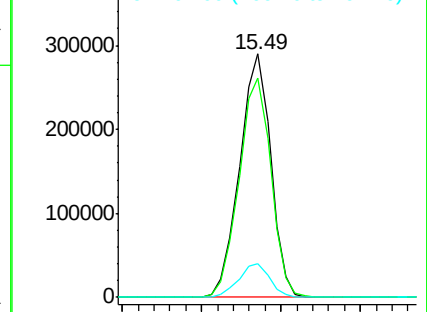


Abundance

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: 32.56 ng

RT: 15.06 min Scan# 2105

Delta R.T. -0.00 min

Lab File: BG016946.D

Acq: 8 May 2015 6:30

Tgt Ion:232 Resp: 96825

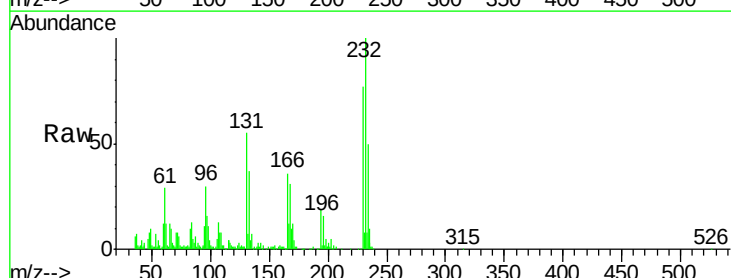
Ion Ratio Lower Upper

232 100

131 54.7 0.1 0.1#

130 1.8 0.0 0.0#

166 34.1 0.0 0.0#



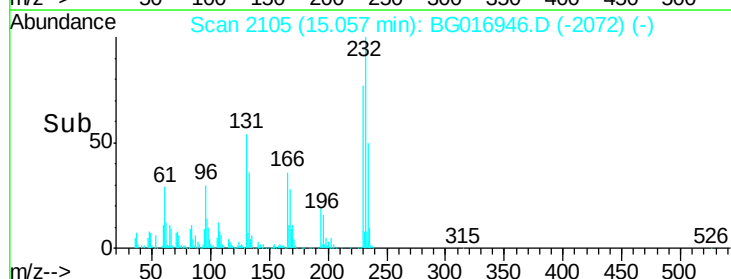
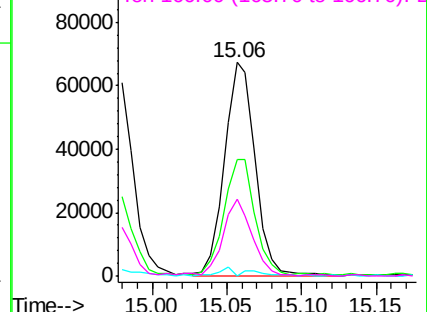
Abundance

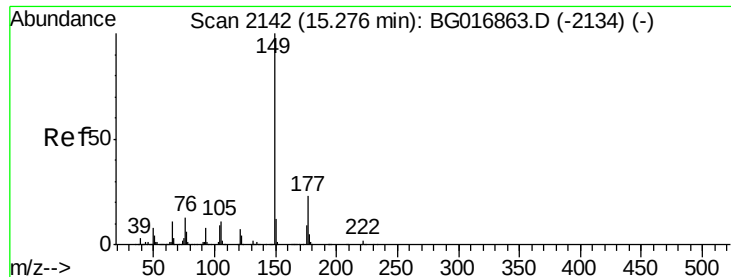
Ion 232.00 (231.70 to 232.70): E

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: 30.99 ng

RT: 15.26 min Scan# 2140

Delta R.T. -0.00 min

Lab File: BG016946.D

Acq: 8 May 2015 6:30

Instrument :

BNA_G

ClientSampleId :

SB-51DMSD

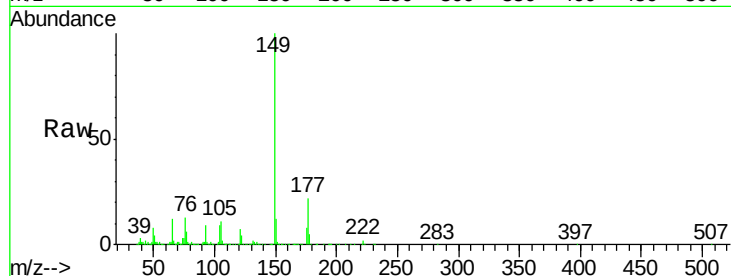
Tgt Ion:149 Resp: 414071

Ion Ratio Lower Upper

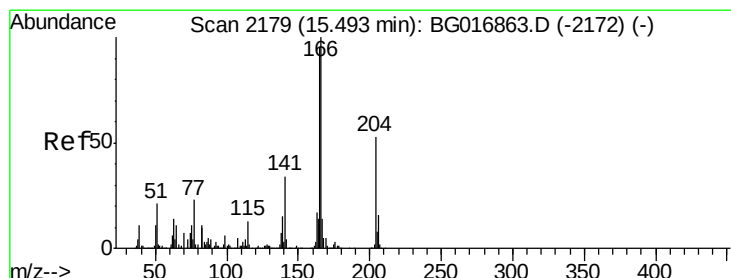
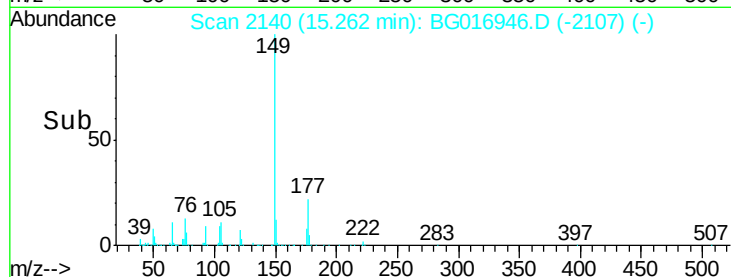
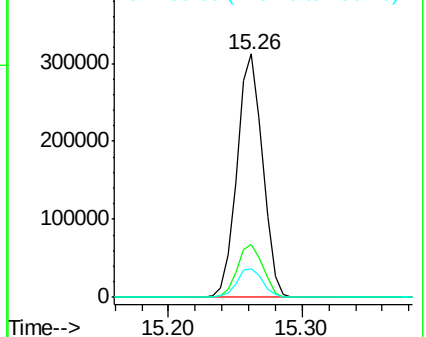
149 100

177 21.8 18.6 27.8

150 12.0 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: 30.55 ng

RT: 15.48 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BG016946.D

Acq: 8 May 2015 6:30

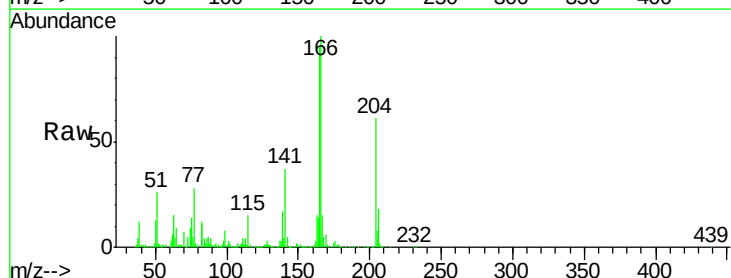
Tgt Ion:204 Resp: 192238

Ion Ratio Lower Upper

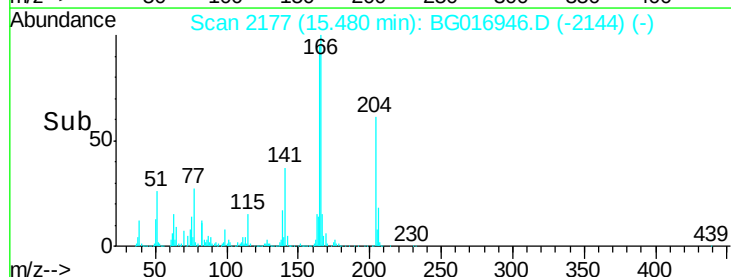
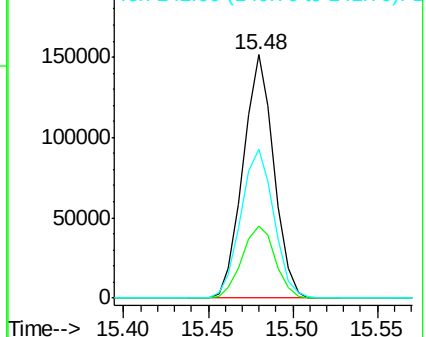
204 100

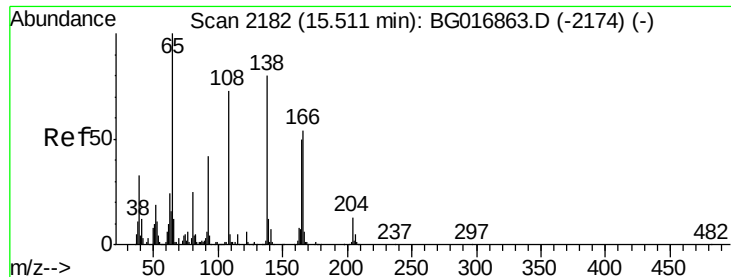
206 29.6 24.8 37.2

141 61.0 52.4 78.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

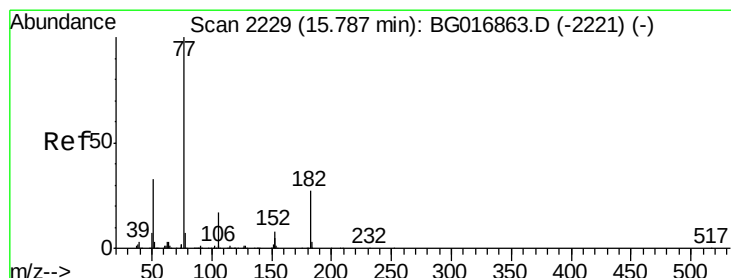
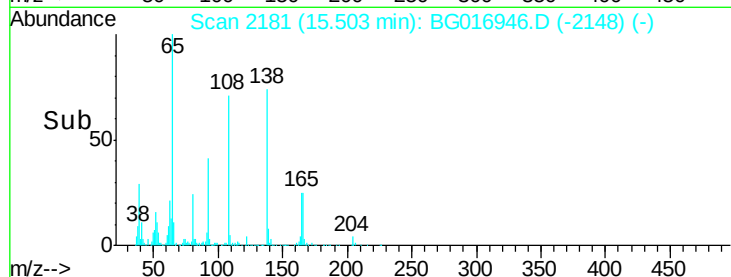
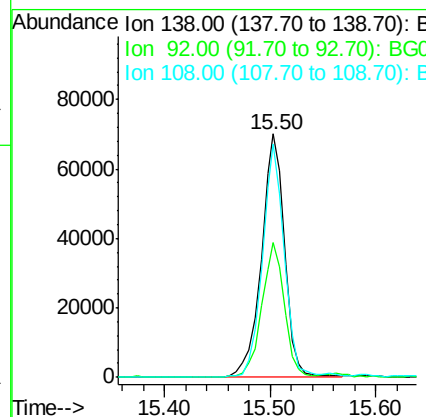
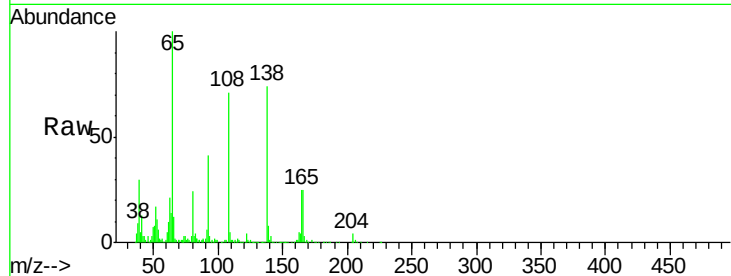




#61
4-Nitroaniline
Concen: 31.04 ng
RT: 15.50 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BG016946.D
Acq: 8 May 2015 6:30

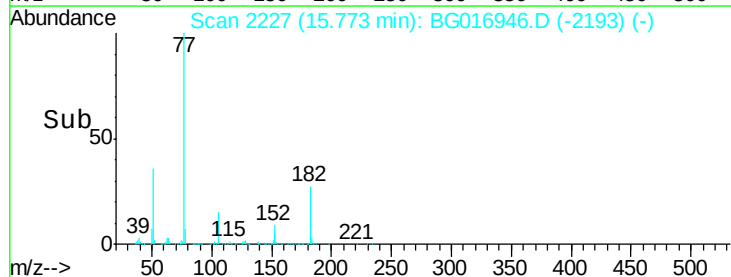
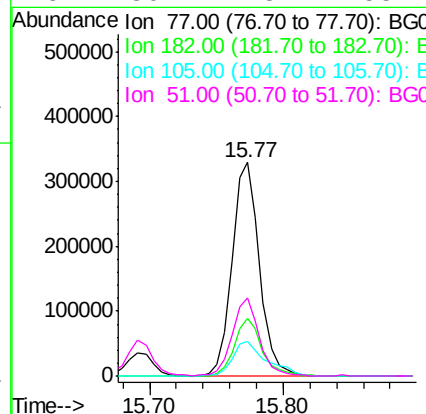
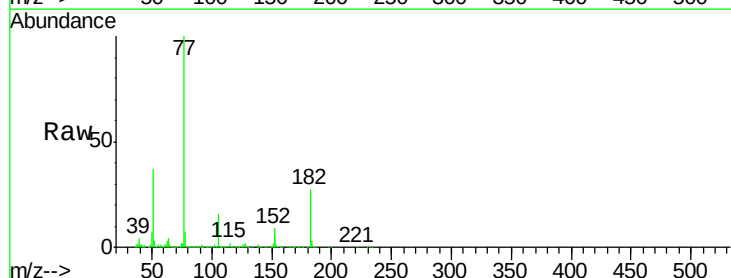
Instrument :
BNA_G
ClientSampleId :
SB-51DMSD

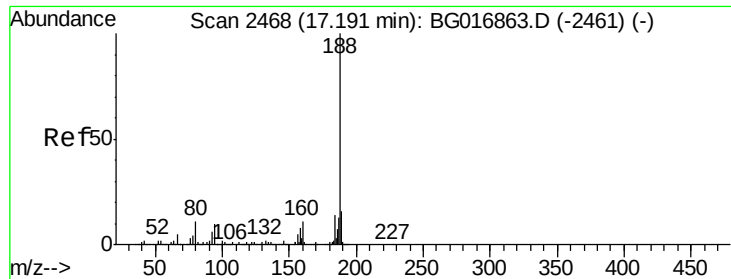
Tgt Ion: 138 Resp: 107590
Ion Ratio Lower Upper
138 100
92 55.1 31.8 71.8
108 95.6 70.6 110.6



#62
Azobenzene
Concen: 33.95 ng
RT: 15.77 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BG016946.D
Acq: 8 May 2015 6:30

Tgt Ion: 77 Resp: 469727
Ion Ratio Lower Upper
77 100
182 26.8 7.4 47.4
105 16.0 0.0 36.6
51 36.7 13.4 53.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.18 min Scan# 2466

Delta R.T. -0.00 min

Lab File: BG016946.D

Acq: 8 May 2015 6:30

Instrument :

BNA_G

ClientSampleId :

SB-51DMSD

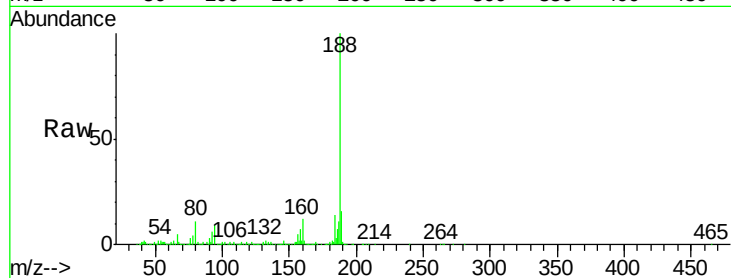
Tgt Ion:188 Resp: 372017

Ion Ratio Lower Upper

188 100

94 9.5 8.2 12.4

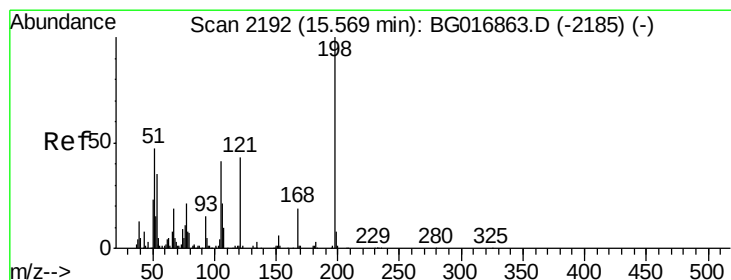
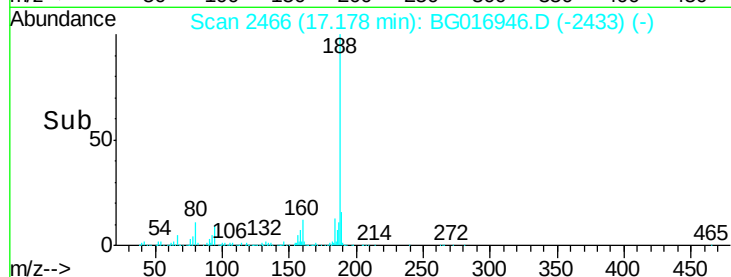
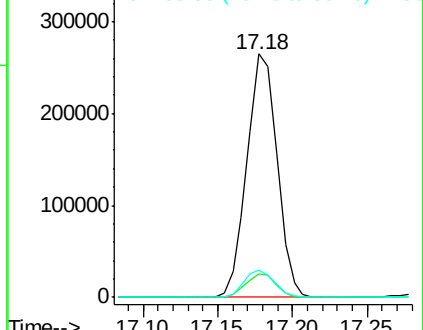
80 11.2 8.8 13.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 27.96 ng

RT: 15.56 min Scan# 2190

Delta R.T. -0.00 min

Lab File: BG016946.D

Acq: 8 May 2015 6:30

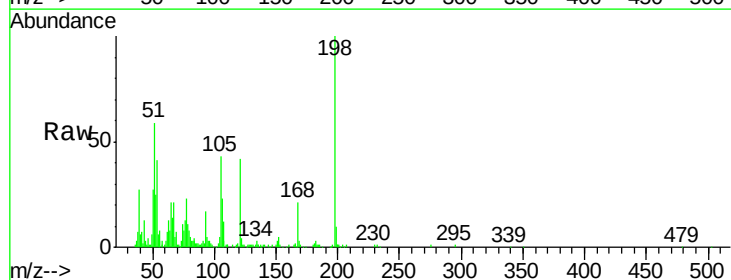
Tgt Ion:198 Resp: 51577

Ion Ratio Lower Upper

198 100

51 58.8 31.2 71.2

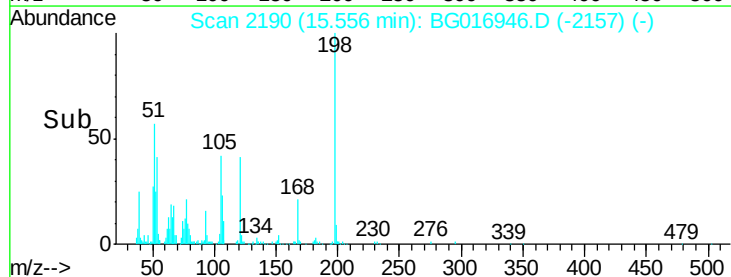
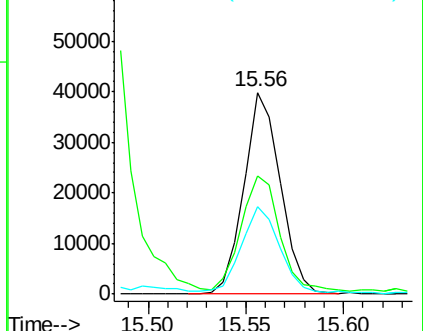
105 43.1 22.0 62.0

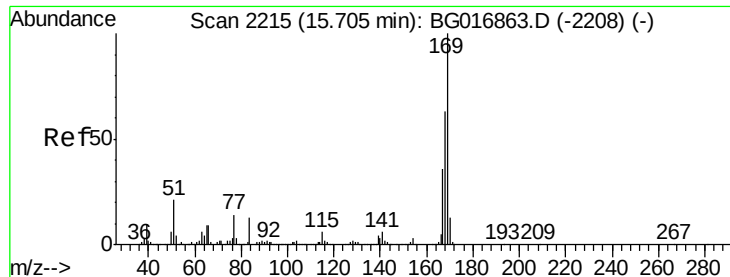


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

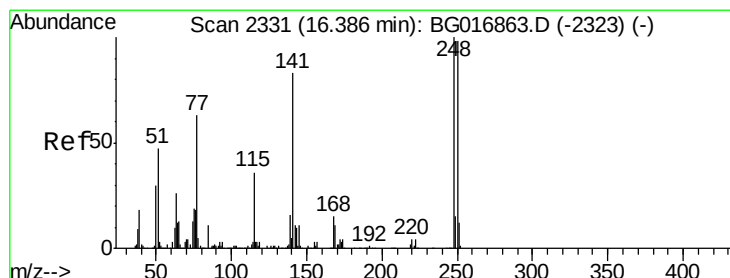
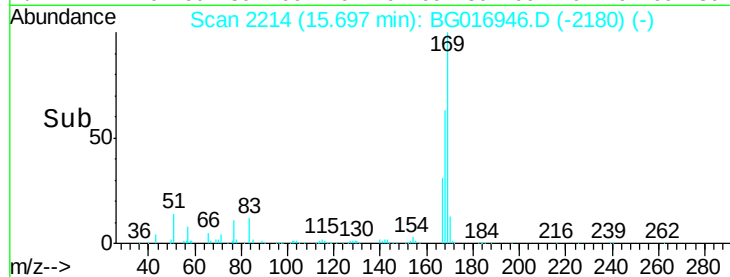
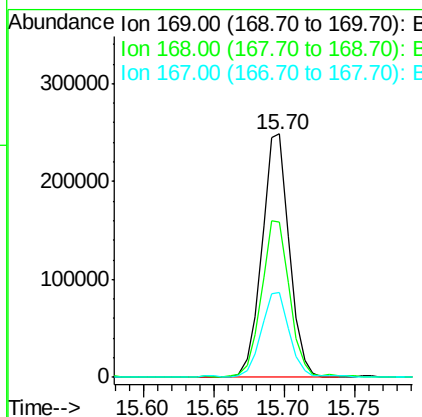
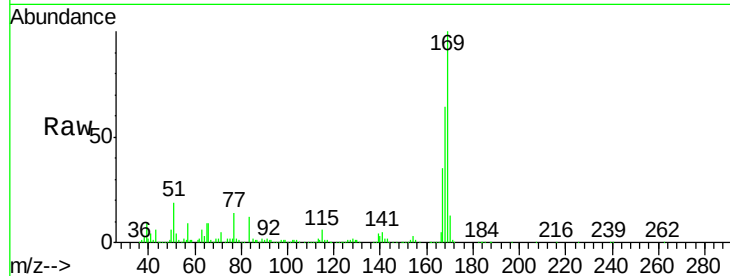




#65
 n-Nitrosodiphenylamine
 Concen: 29.92 ng
 RT: 15.70 min Scan# 2214
 Delta R.T. 0.00 min
 Lab File: BG016946.D
 Acq: 8 May 2015 6:30

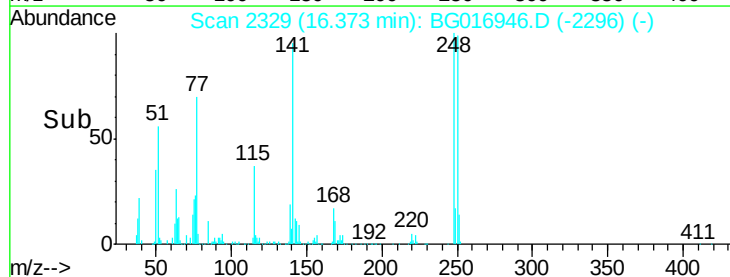
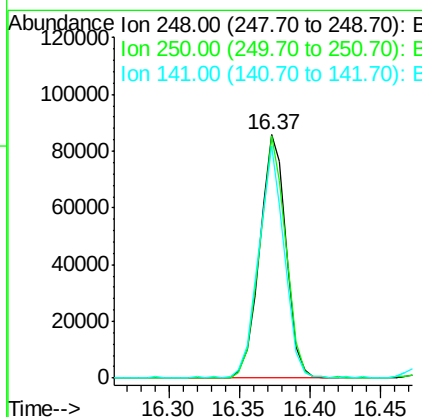
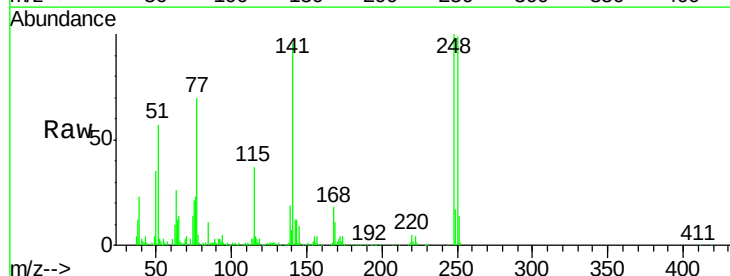
Instrument :
 BNA_G
 ClientSampleId :
 SB-51DMSD

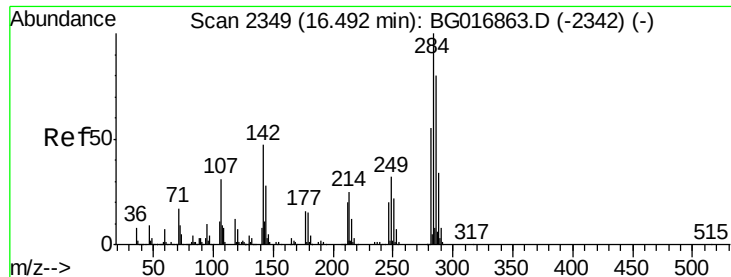
Tgt Ion:169 Resp: 339806
 Ion Ratio Lower Upper
 169 100
 168 63.6 50.6 76.0
 167 34.6 29.0 43.4



#66
 4-Bromophenyl-phenylether
 Concen: 30.16 ng
 RT: 16.37 min Scan# 2329
 Delta R.T. -0.00 min
 Lab File: BG016946.D
 Acq: 8 May 2015 6:30

Tgt Ion:248 Resp: 112607
 Ion Ratio Lower Upper
 248 100
 250 99.4 78.6 117.8
 141 95.5 66.3 99.5

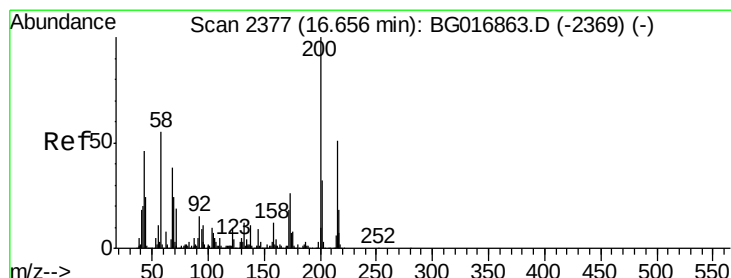
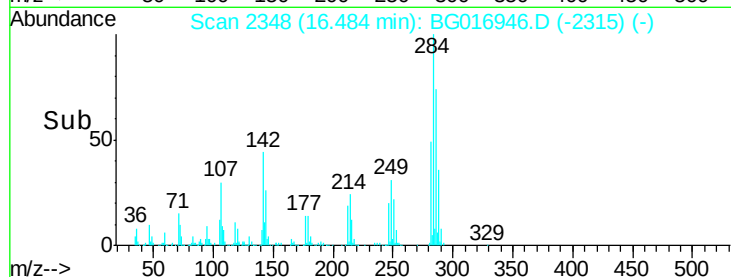
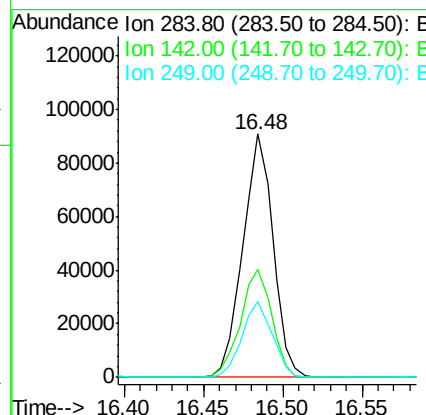
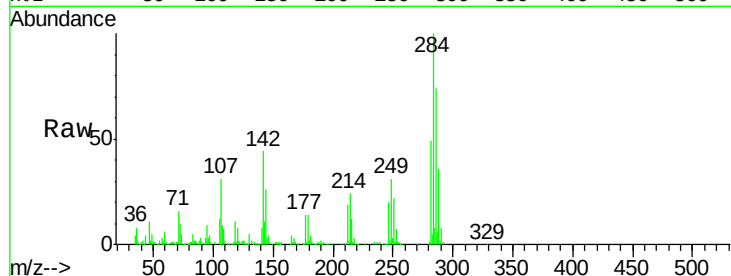




#67
Hexachlorobenzene
Concen: 30.39 ng
RT: 16.48 min Scan# 2348
Delta R.T. -0.00 min
Lab File: BG016946.D
Acq: 8 May 2015 6:30

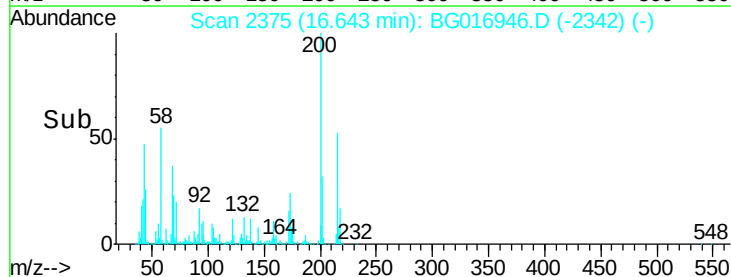
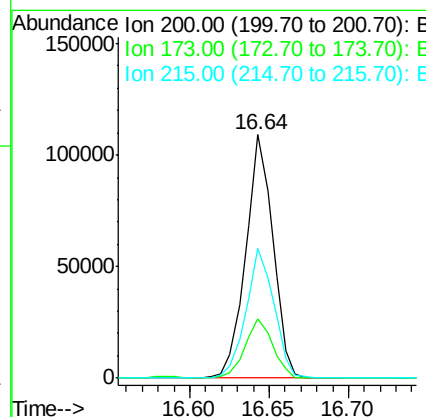
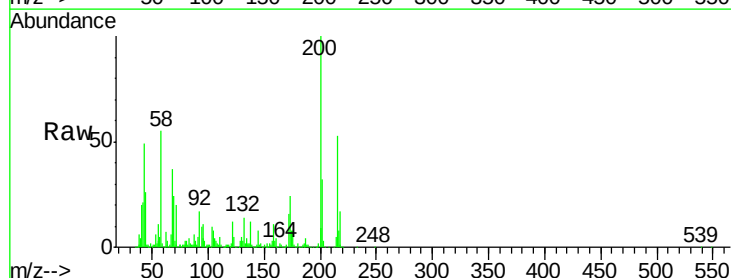
Instrument :
BNA_G
ClientSampleId :
SB-51DMSD

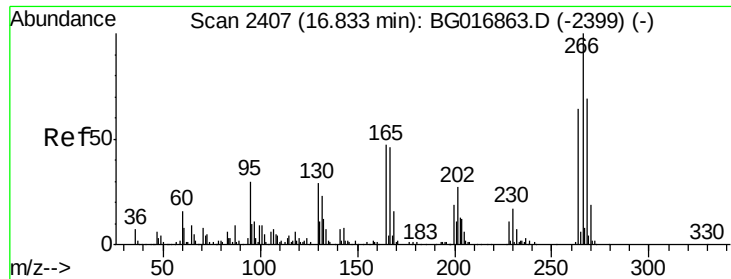
Tgt Ion	Ratio	Lower	Upper
284	100		
142	44.5	37.4	56.0
249	31.0	25.5	38.3



#68
Atrazine
Concen: 31.83 ng
RT: 16.64 min Scan# 2375
Delta R.T. -0.00 min
Lab File: BG016946.D
Acq: 8 May 2015 6:30

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.4	6.1	46.1
215	53.4	30.8	70.8





#69

Pentachlorophenol

Concen: 56.28 ng

RT: 16.83 min Scan# 2407

Delta R.T. 0.00 min

Lab File: BG016946.D

Acq: 8 May 2015 6:30

Instrument :

BNA_G

ClientSampleId :

SB-51DMSD

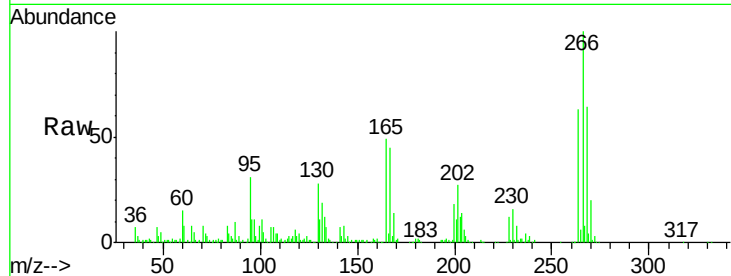
Tgt Ion:266 Resp: 143887

Ion Ratio Lower Upper

266 100

268 64.4 55.2 82.8

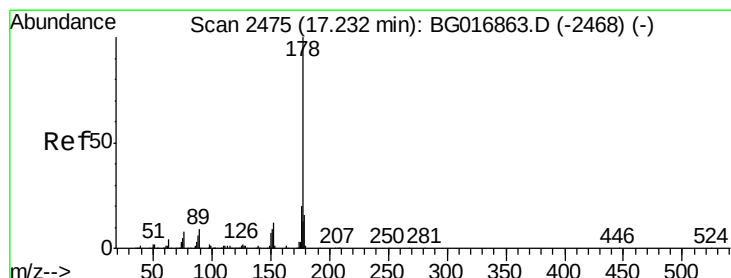
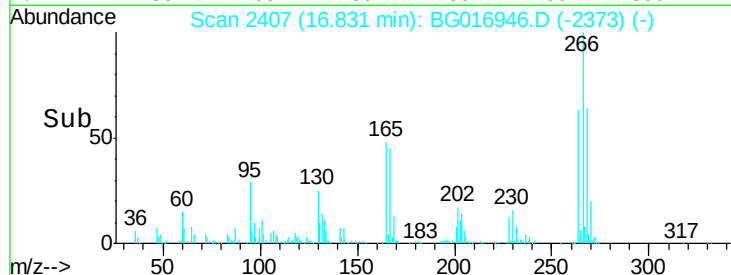
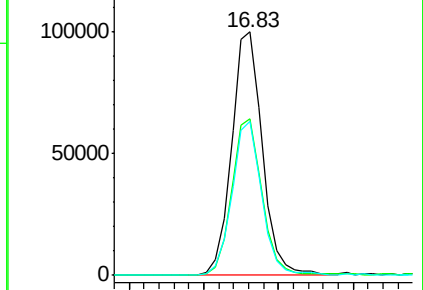
264 63.2 51.4 77.0



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: 35.20 ng

RT: 17.22 min Scan# 2473

Delta R.T. -0.00 min

Lab File: BG016946.D

Acq: 8 May 2015 6:30

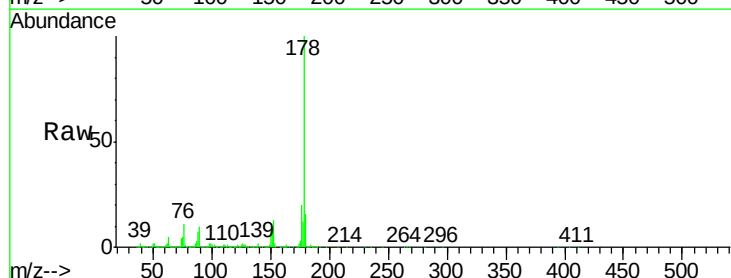
Tgt Ion:178 Resp: 673838

Ion Ratio Lower Upper

178 100

176 20.0 16.0 24.0

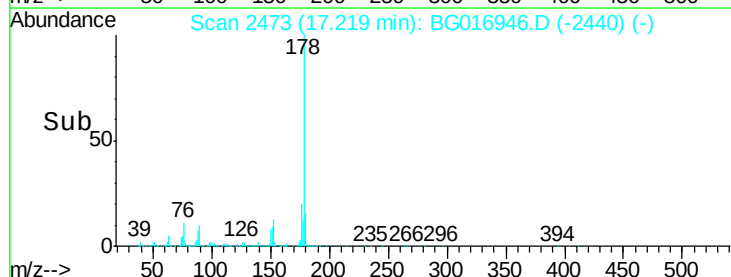
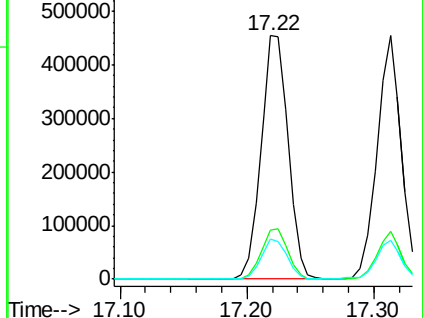
179 16.4 13.0 19.6

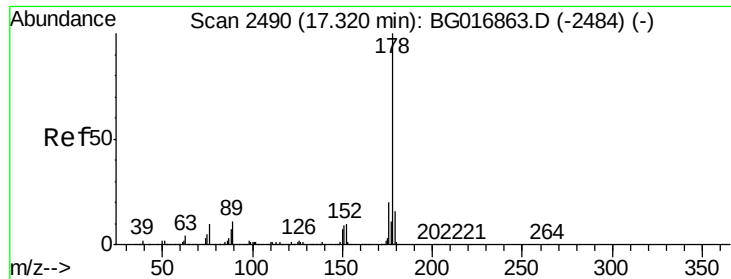


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 30.94 ng

RT: 17.31 min Scan# 2489

Delta R.T. -0.00 min

Lab File: BG016946.D

Acq: 8 May 2015 6:30

Instrument :

BNA_G

ClientSampleId :

SB-51DMSD

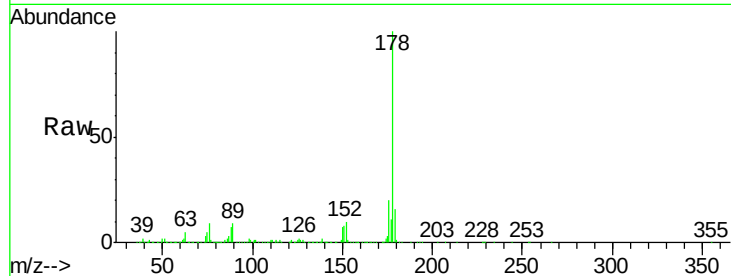
Tgt Ion:178 Resp: 597545

Ion Ratio Lower Upper

178 100

176 19.6 16.2 24.4

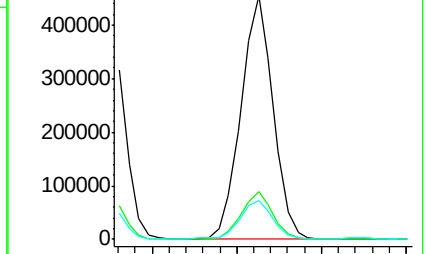
179 15.9 13.1 19.7



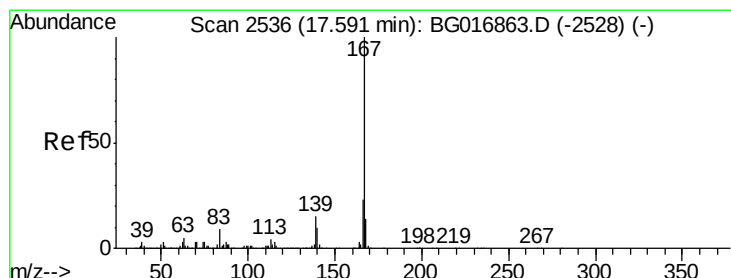
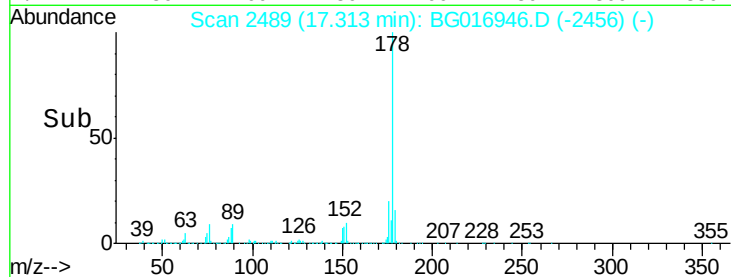
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Carbazole

Concen: 31.02 ng

RT: 17.58 min Scan# 2535

Delta R.T. 0.00 min

Lab File: BG016946.D

Acq: 8 May 2015 6:30

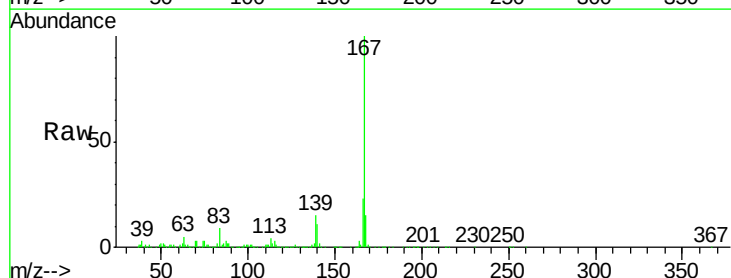
Tgt Ion:167 Resp: 569616

Ion Ratio Lower Upper

167 100

166 23.3 18.4 27.6

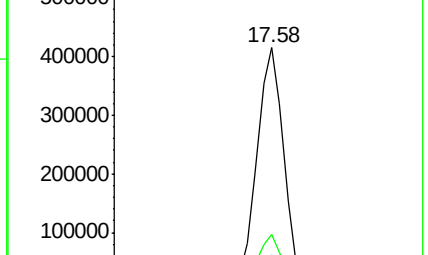
139 15.0 12.2 18.4



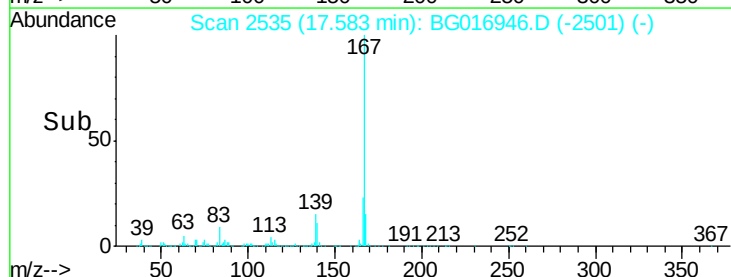
Abundance Ion 167.00 (166.70 to 167.70): E

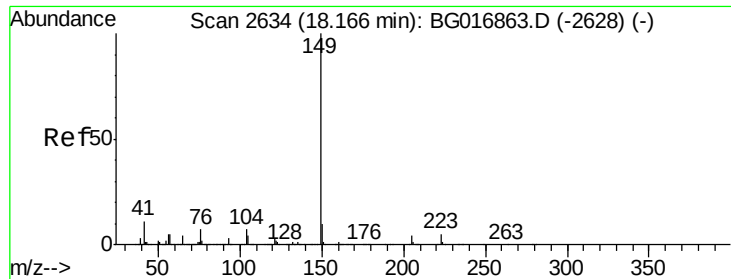
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->





#73

Di-n-butylphthalate

Concen: 30.34 ng

RT: 18.15 min Scan# 2632

Delta R.T. 0.00 min

Lab File: BG016946.D

Acq: 8 May 2015 6:30

Instrument :

BNA_G

ClientSampleId :

SB-51DMSD

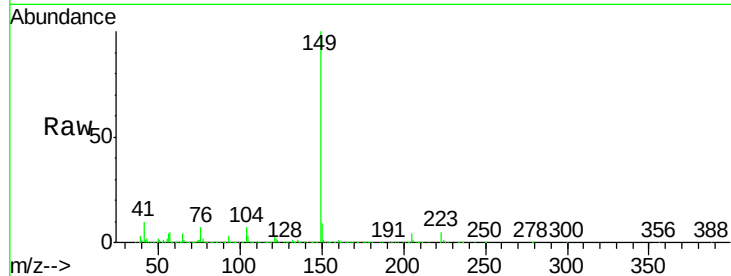
Tgt Ion:149 Resp: 722163

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

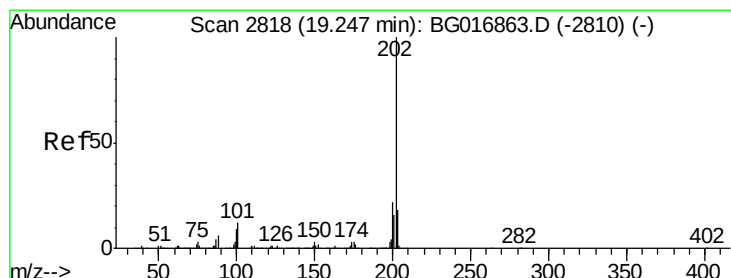
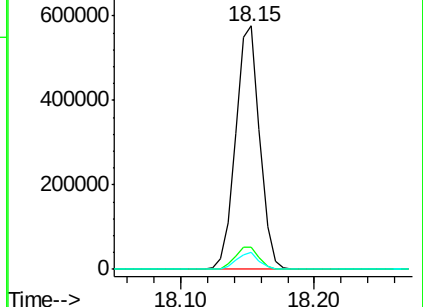
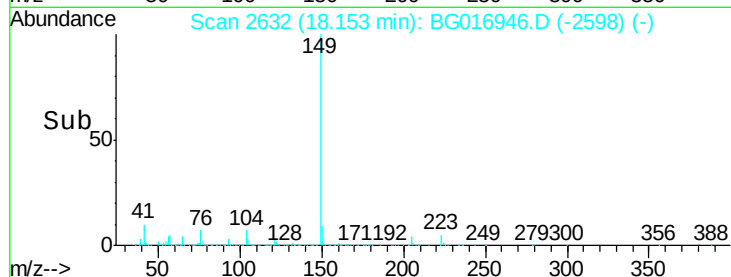
104 6.7 5.4 8.0



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: 36.19 ng

RT: 19.24 min Scan# 2817

Delta R.T. 0.00 min

Lab File: BG016946.D

Acq: 8 May 2015 6:30

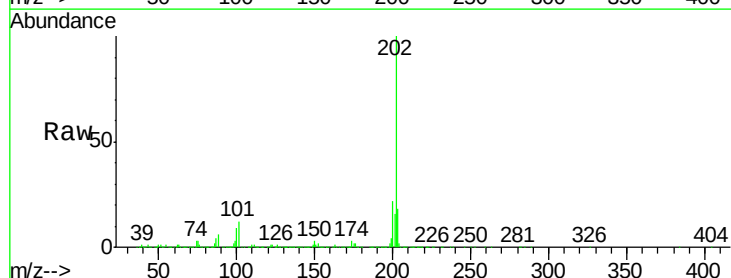
Tgt Ion:202 Resp: 803857

Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.5

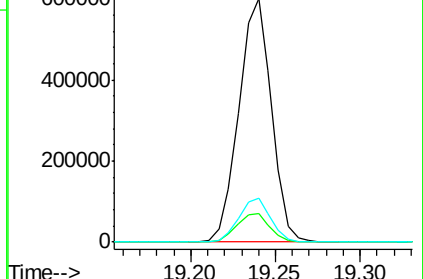
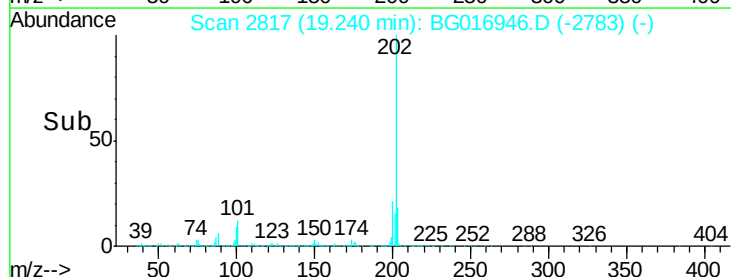
203 18.2 0.0 38.1

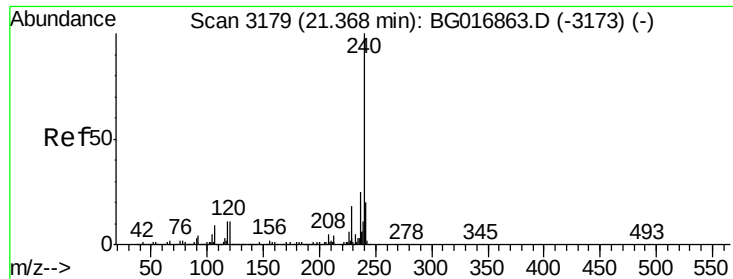


Abundance Ion 202.00 (201.70 to 202.70): E

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: BG016946.D

Acq: 8 May 2015 6:30

Instrument :

BNA_G

ClientSampleId :

SB-51DMSD

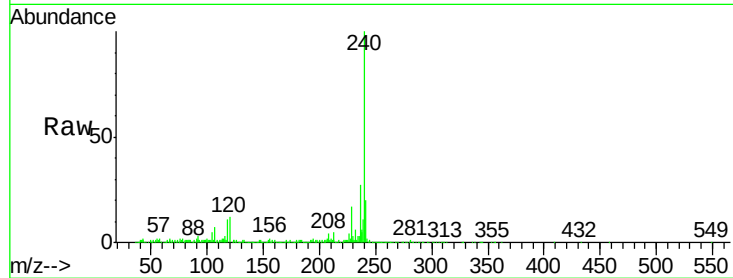
Tgt Ion:240 Resp: 355081

Ion Ratio Lower Upper

240 100

120 11.7 9.1 13.7

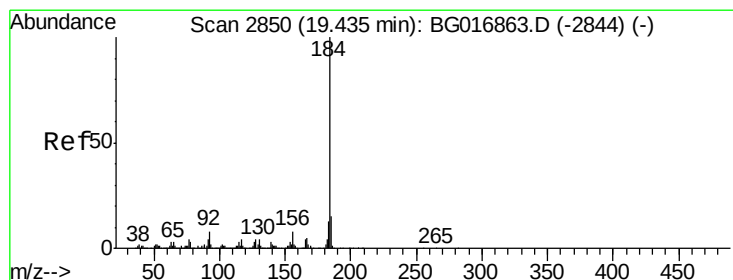
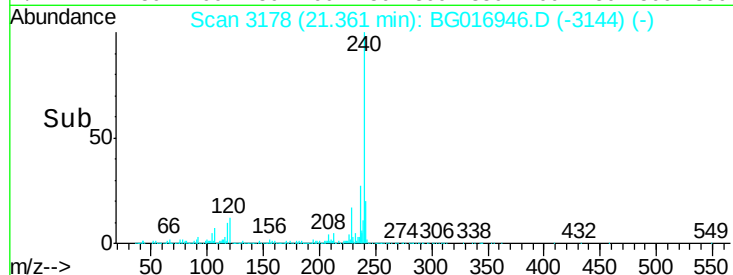
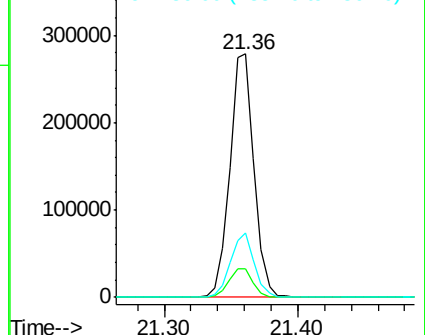
236 26.7 20.2 30.4



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: 10.22 ng

RT: 19.42 min Scan# 2848

Delta R.T. -0.00 min

Lab File: BG016946.D

Acq: 8 May 2015 6:30

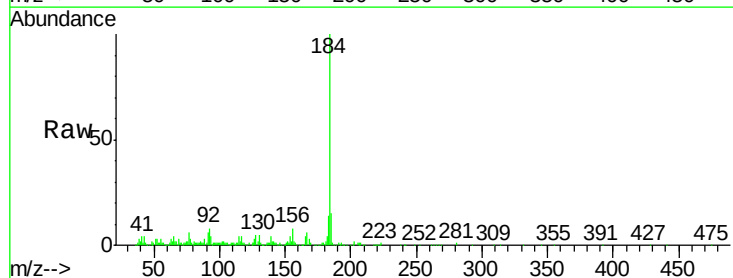
Tgt Ion:184 Resp: 123289

Ion Ratio Lower Upper

184 100

185 14.5 11.8 17.6

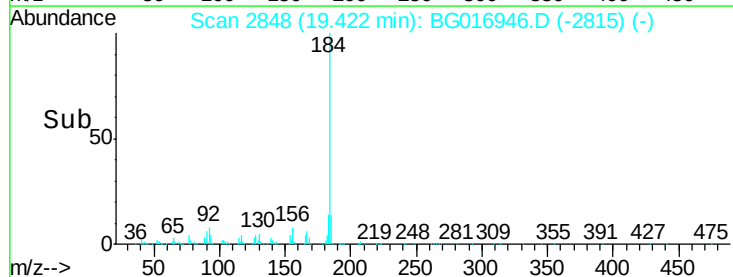
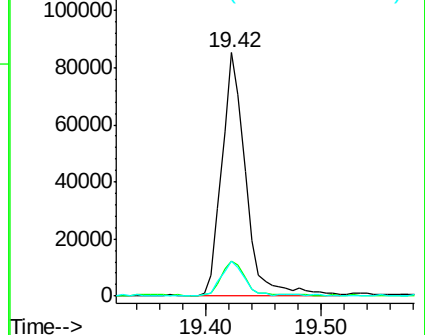
183 14.4 10.6 15.8

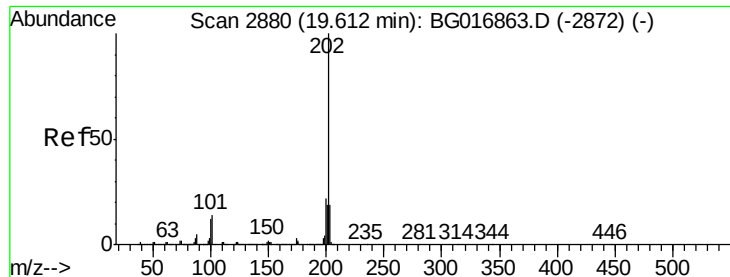


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 38.18 ng

RT: 19.60 min Scan# 2879

Delta R.T. 0.00 min

Lab File: BG016946.D

Acq: 8 May 2015 6:30

Instrument :

BNA_G

ClientSampleId :

SB-51DMSD

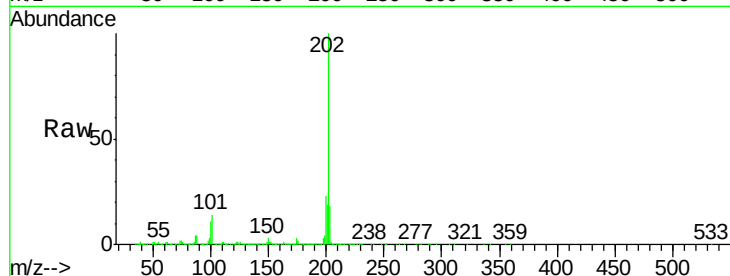
Tgt Ion:202 Resp: 800195

Ion Ratio Lower Upper

202 100

200 22.6 17.9 26.9

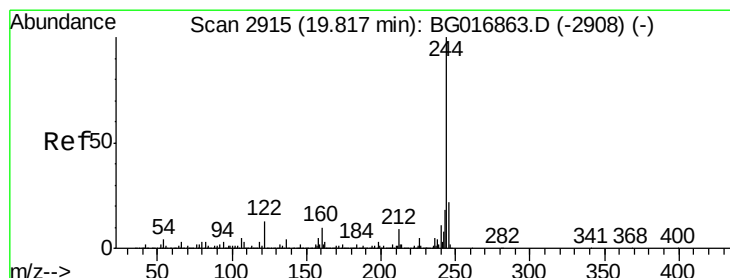
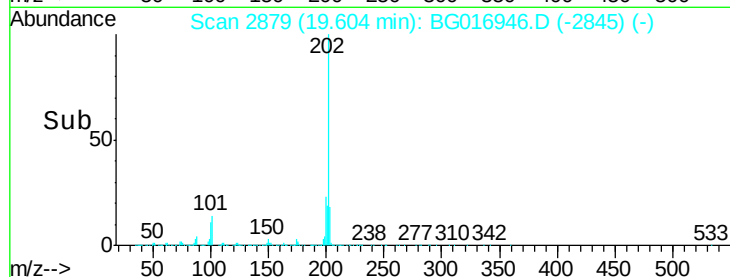
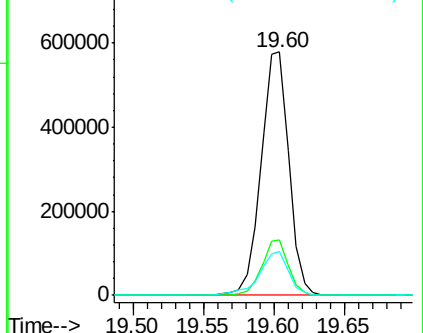
203 18.1 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 58.44 ng

RT: 19.80 min Scan# 2913

Delta R.T. -0.00 min

Lab File: BG016946.D

Acq: 8 May 2015 6:30

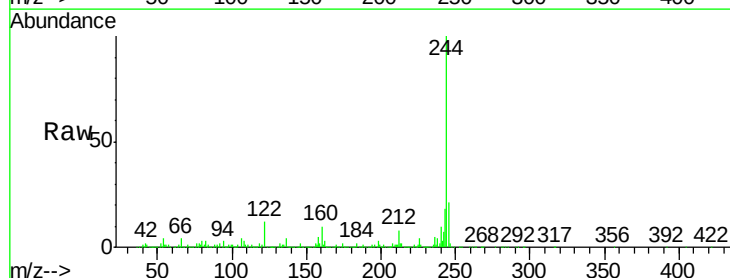
Tgt Ion:244 Resp: 885112

Ion Ratio Lower Upper

244 100

212 8.1 7.0 10.6

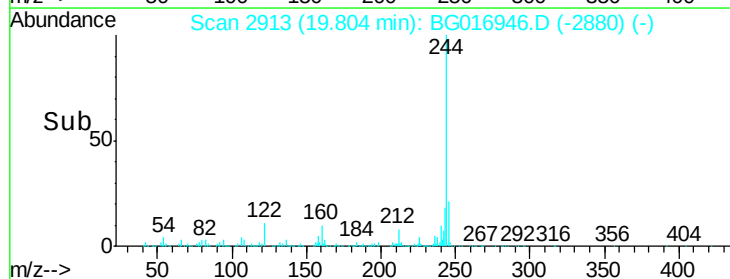
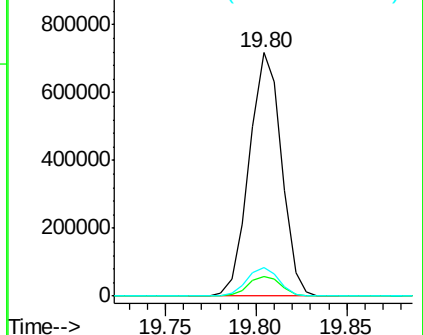
122 11.6 10.4 15.6

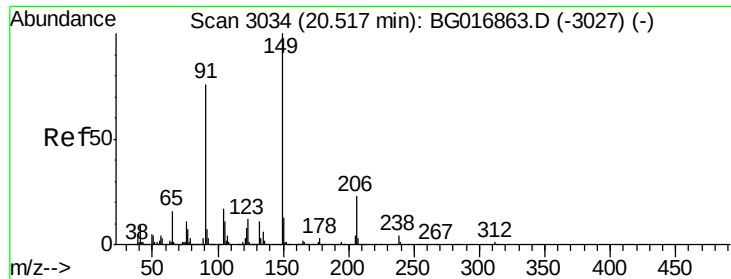


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

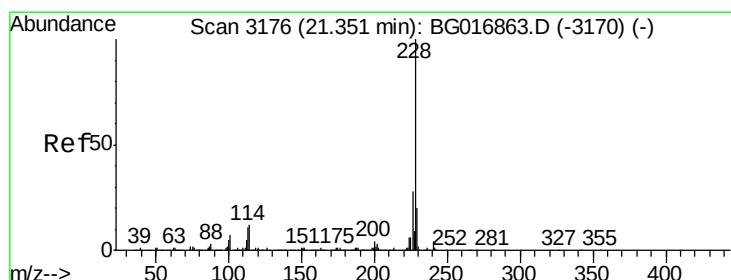
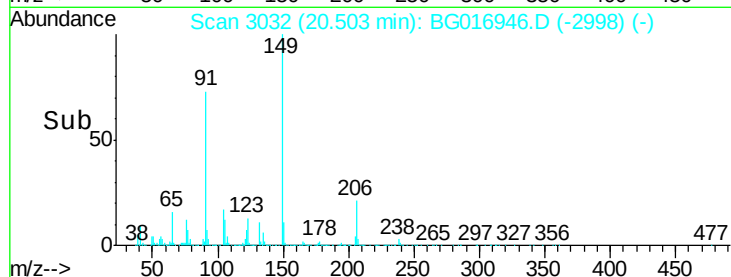
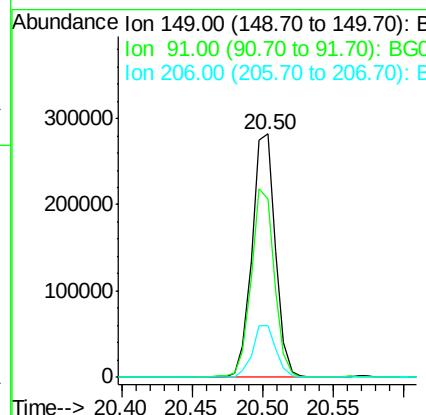
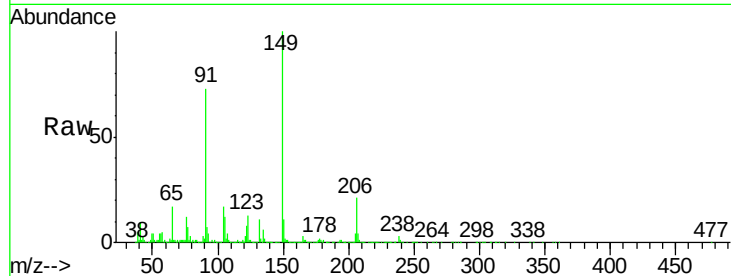




#79
Butylbenzylphthalate
Concen: 32.67 ng
RT: 20.50 min Scan# 3032
Delta R.T. 0.00 min
Lab File: BG016946.D
Acq: 8 May 2015 6:30

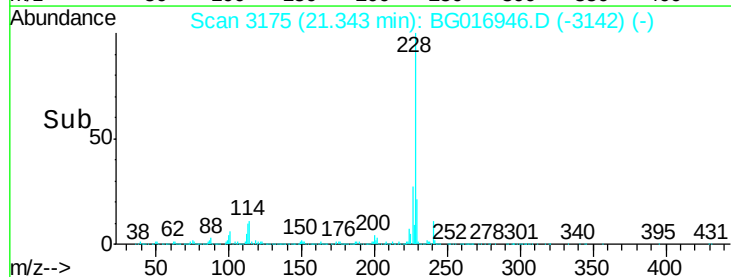
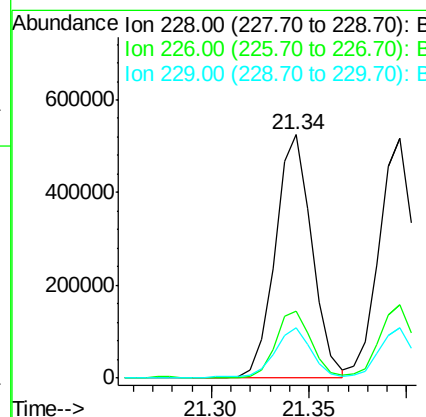
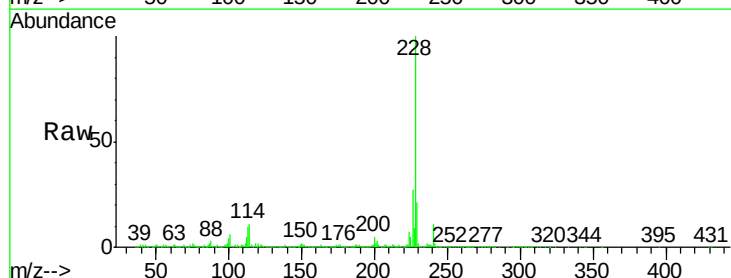
Instrument :
BNA_G
ClientSampleId :
SB-51DMSD

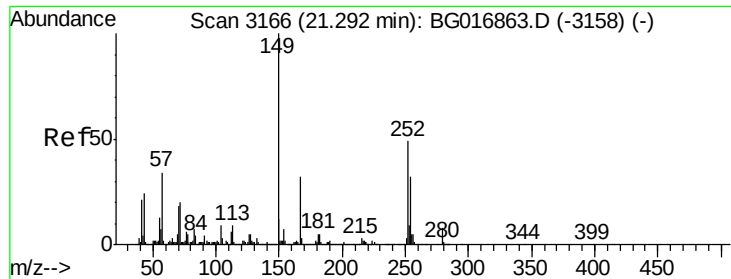
Tgt Ion:149 Resp: 325423
Ion Ratio Lower Upper
149 100
91 73.3 60.6 91.0
206 21.4 18.4 27.6



#80
Benzo(a)anthracene
Concen: 35.64 ng
RT: 21.34 min Scan# 3175
Delta R.T. -0.00 min
Lab File: BG016946.D
Acq: 8 May 2015 6:30

Tgt Ion:228 Resp: 678827
Ion Ratio Lower Upper
228 100
226 27.4 22.7 34.1
229 20.7 16.1 24.1





#81

3,3'-Dichlorobenzidine

Concen: 20.88 ng

RT: 21.28 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG016946.D

Acq: 8 May 2015 6:30

Instrument :

BNA_G

ClientSampleId :

SB-51DMSD

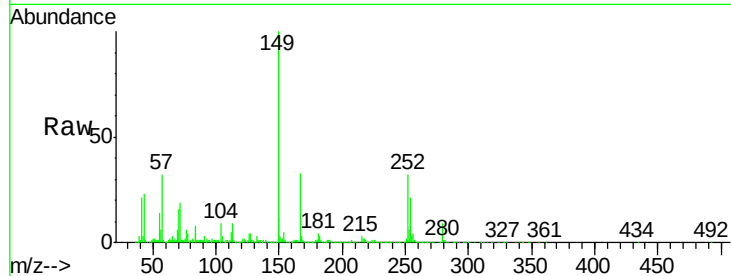
Tgt Ion:252 Resp: 155308

Ion Ratio Lower Upper

252 100

254 64.5 51.7 77.5

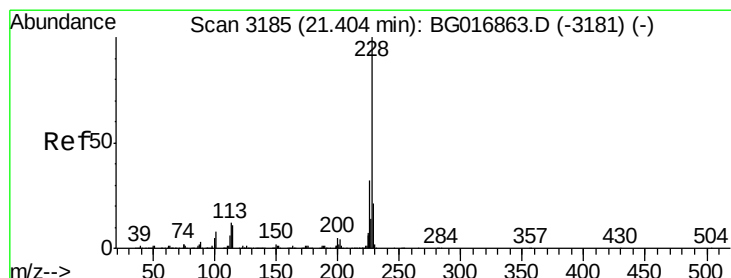
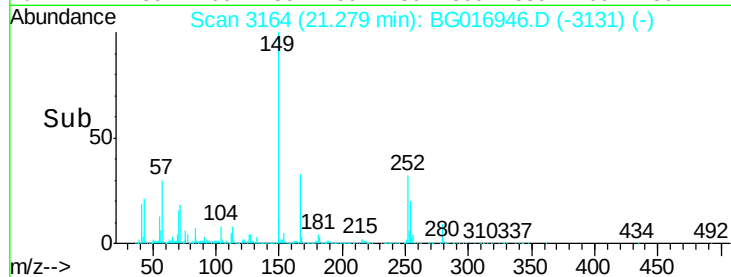
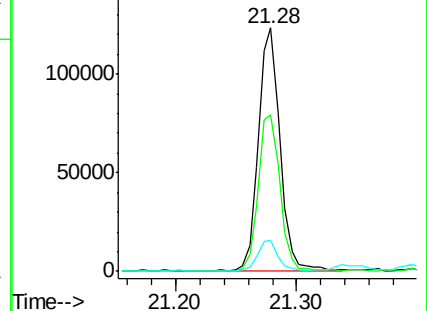
126 12.7 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 35.54 ng

RT: 21.40 min Scan# 3184

Delta R.T. -0.00 min

Lab File: BG016946.D

Acq: 8 May 2015 6:30

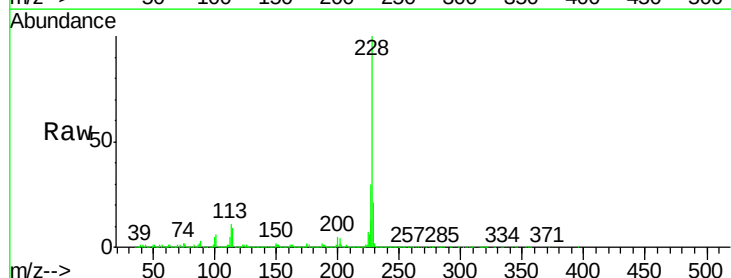
Tgt Ion:228 Resp: 634118

Ion Ratio Lower Upper

228 100

226 30.3 25.4 38.0

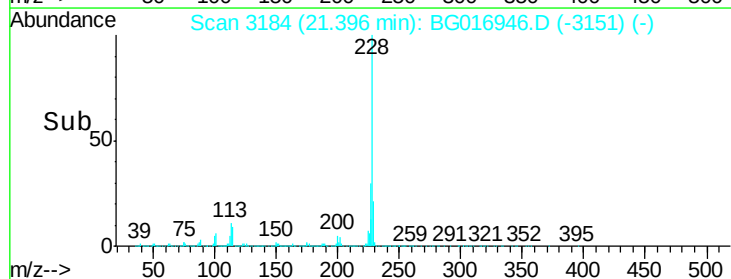
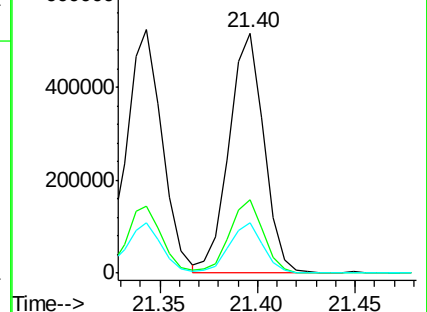
229 21.1 16.5 24.7

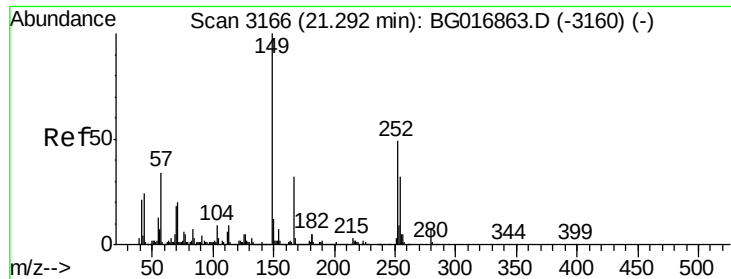


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.08 ng

RT: 21.27 min Scan# 3163

Delta R.T. -0.00 min

Lab File: BG016946.D

Acq: 8 May 2015 6:30

Instrument :

BNA_G

ClientSampleId :

SB-51DMSD

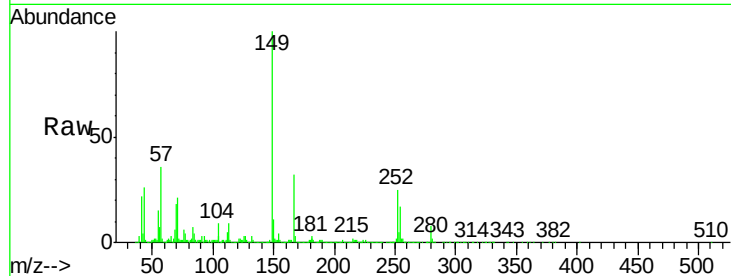
Tgt Ion:149 Resp: 491569

Ion Ratio Lower Upper

149 100

167 31.9 25.4 38.0

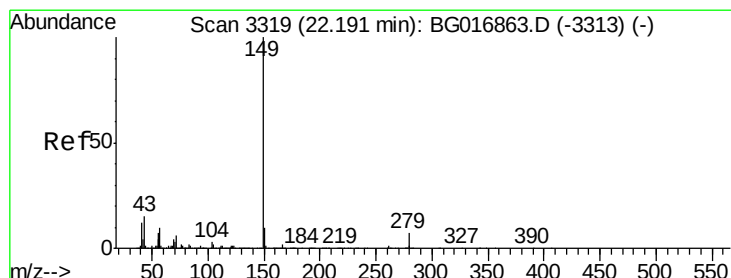
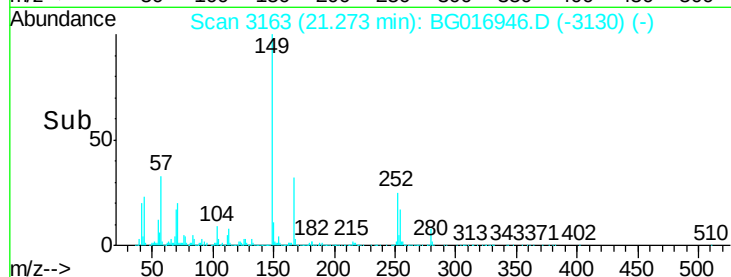
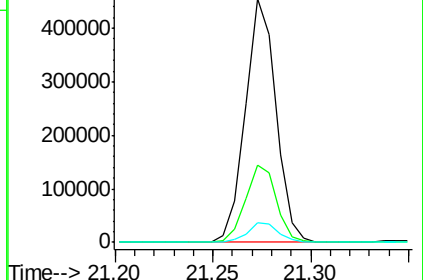
279 8.0 6.4 9.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 34.56 ng

RT: 22.17 min Scan# 3315

Delta R.T. -0.00 min

Lab File: BG016946.D

Acq: 8 May 2015 6:30

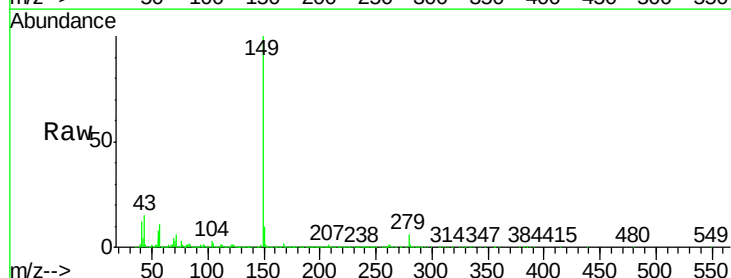
Tgt Ion:149 Resp: 791057

Ion Ratio Lower Upper

149 100

167 1.8 0.0 0.0#

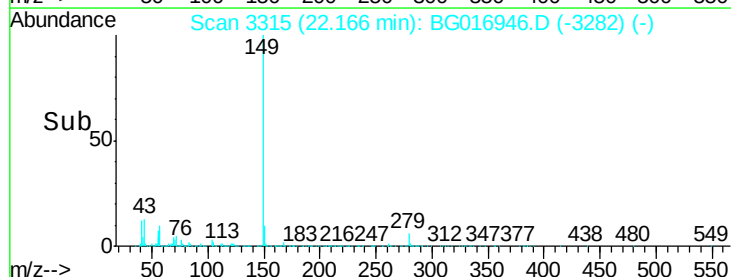
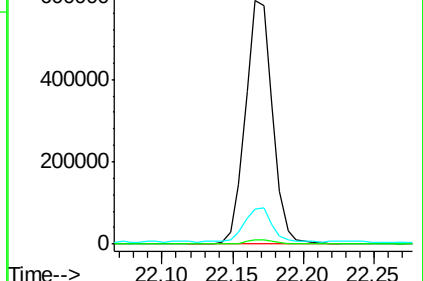
43 14.7 0.0 0.0#

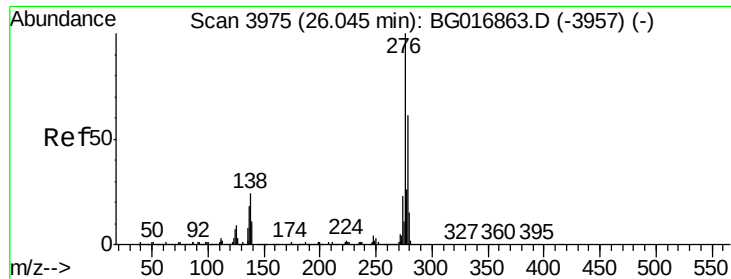


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO





#85

Indeno(1,2,3-cd)pyrene

Concen: 32.87 ng

RT: 26.03 min Scan# 3972

Delta R.T. -0.00 min

Lab File: BG016946.D

Acq: 8 May 2015 6:30

Instrument :

BNA_G

ClientSampleId :

SB-51DMSD

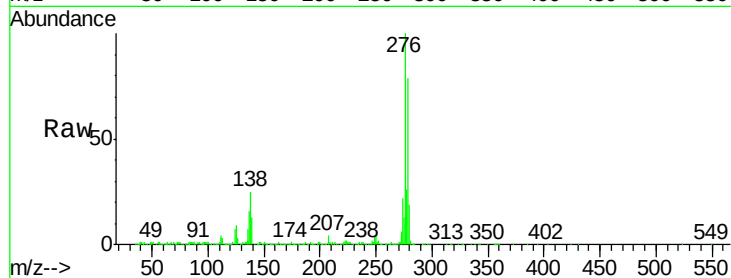
Tgt Ion: 276 Resp: 698782

Ion Ratio Lower Upper

276 100

138 26.3 0.0 0.0#

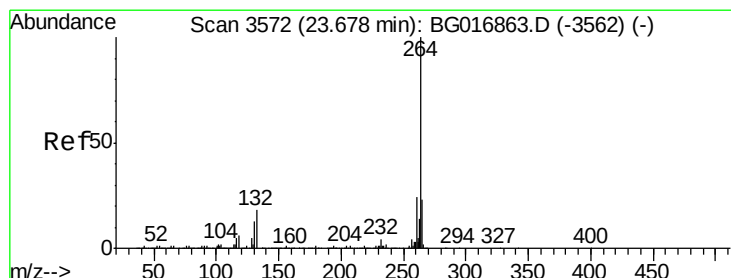
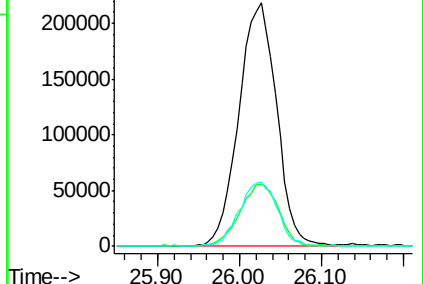
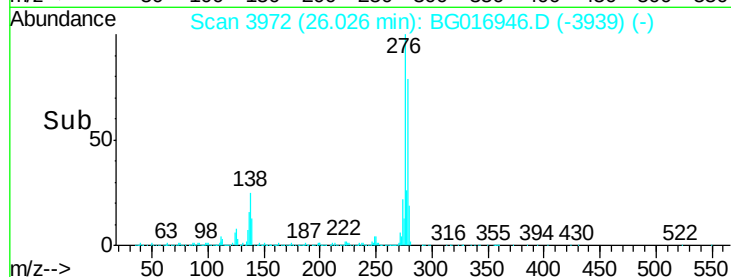
277 26.4 0.0 0.0#



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# 3569

Delta R.T. -0.00 min

Lab File: BG016946.D

Acq: 8 May 2015 6:30

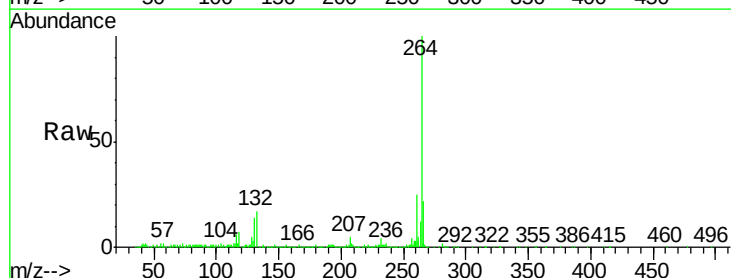
Tgt Ion: 264 Resp: 353703

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

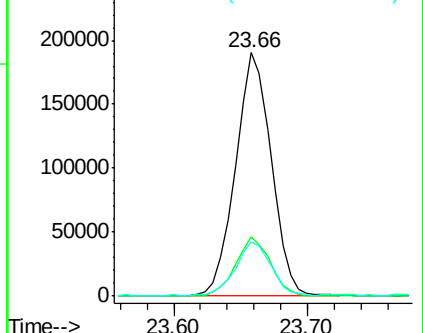
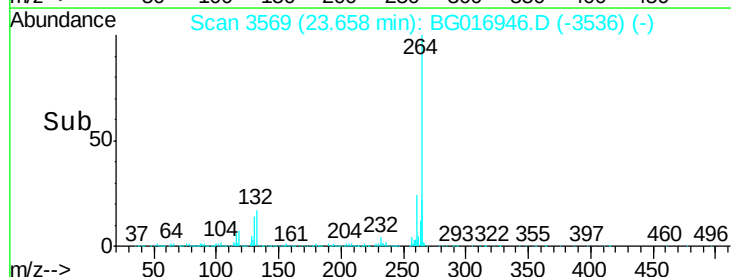
265 22.0 18.5 27.7

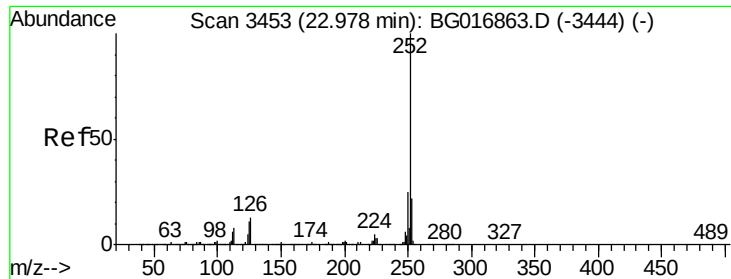


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

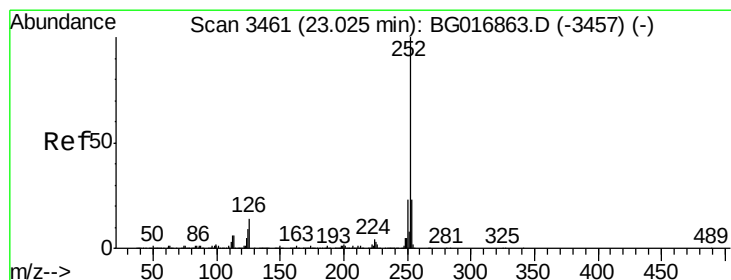
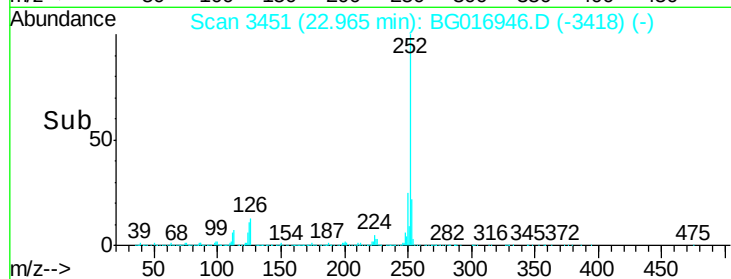
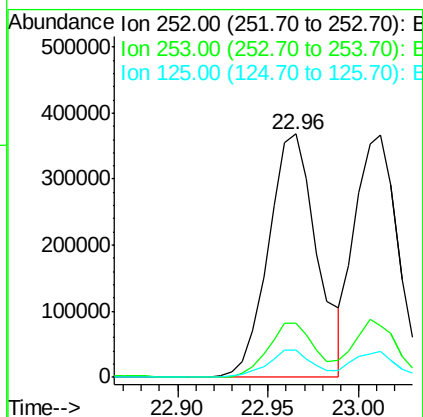
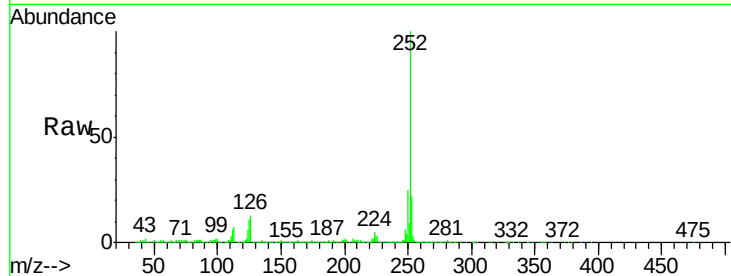




#87
Benzo(b)fluoranthene
Concen: 34.85 ng
RT: 22.96 min Scan# 3451
Delta R.T. -0.00 min
Lab File: BG016946.D
Acq: 8 May 2015 6:30

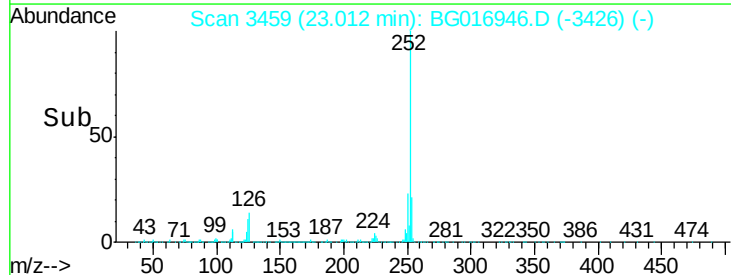
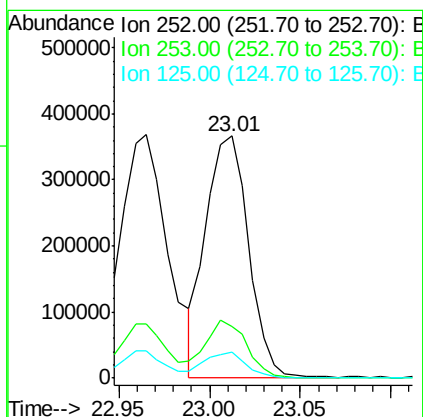
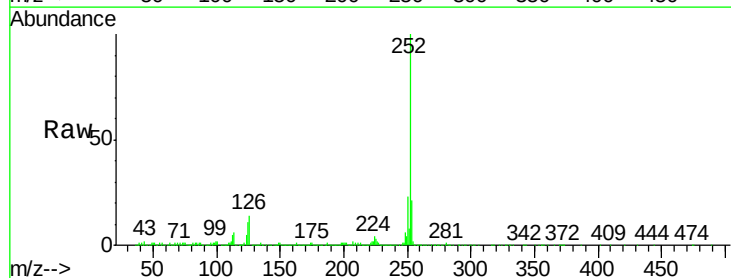
Instrument :
BNA_G
ClientSampleId :
SB-51DMSD

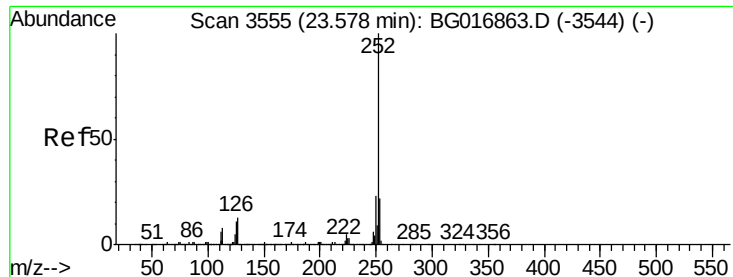
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	11.1	8.6	13.0



#88
Benzo(k)fluoranthene
Concen: 31.36 ng
RT: 23.01 min Scan# 3459
Delta R.T. -0.00 min
Lab File: BG016946.D
Acq: 8 May 2015 6:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.4	27.6
125	10.9	7.9	11.9





#89

Benzo(a)pyrene

Concen: 34.48 ng

RT: 23.56 min Scan# 3552

Delta R.T. -0.00 min

Lab File: BG016946.D

Acq: 8 May 2015 6:30

Instrument :

BNA_G

ClientSampleId :

SB-51DMSD

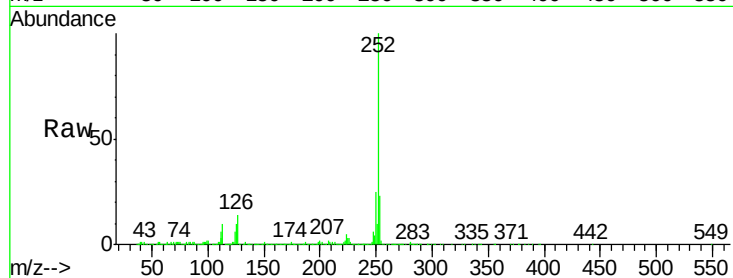
Tgt Ion:252 Resp: 633477

Ion Ratio Lower Upper

252 100

253 22.9 17.7 26.5

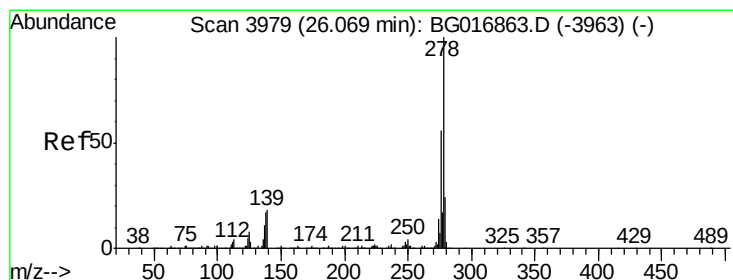
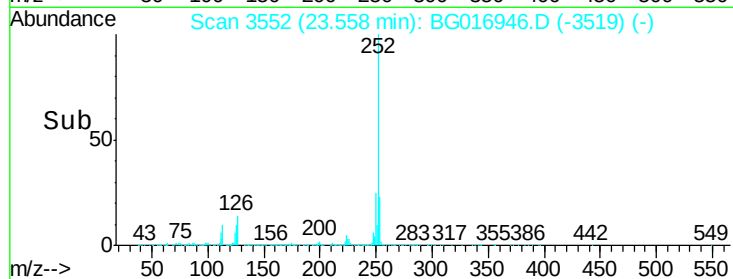
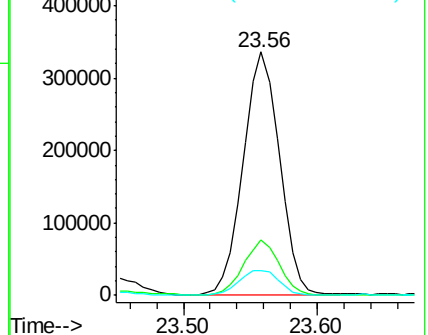
125 10.3 8.5 12.7



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: 30.61 ng

RT: 26.04 min Scan# 3974

Delta R.T. -0.01 min

Lab File: BG016946.D

Acq: 8 May 2015 6:30

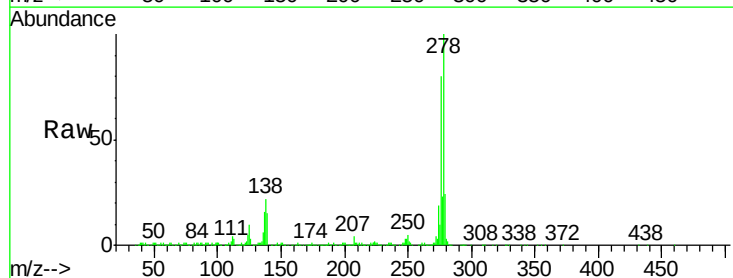
Tgt Ion:278 Resp: 574567

Ion Ratio Lower Upper

278 100

139 15.1 14.2 21.2

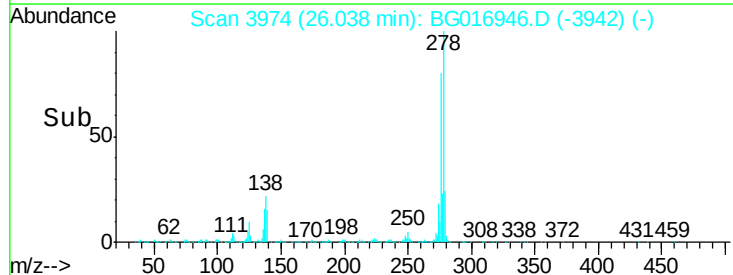
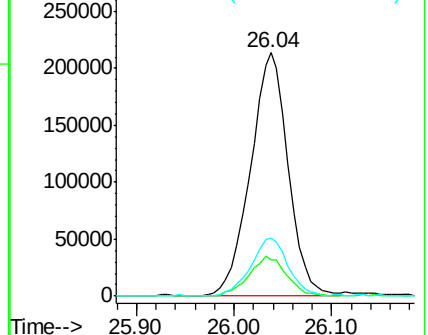
279 23.7 18.9 28.3

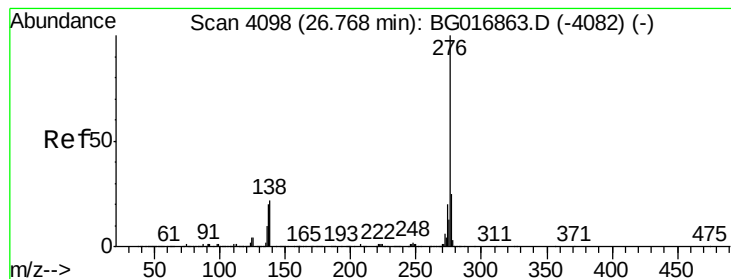


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 32.38 ng

RT: 26.75 min Scan# 4095

Delta R.T. -0.01 min

Lab File: BG016946.D

Acq: 8 May 2015 6:30

Instrument :

BNA_G

ClientSampleId :

SB-51DMSD

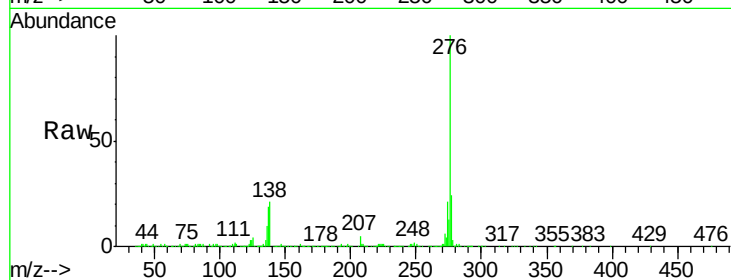
Tgt Ion: 276 Resp: 578728

Ion Ratio Lower Upper

276 100

277 24.2 19.6 29.4

138 20.6 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

