

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
 Data File : BG017887.D
 Acq On : 15 Jul 2015 16:01
 Operator : TP/UM
 Sample : MDL-BLK-S-ML
 Misc : MDL-SOIL-SVOC-BLK-MED LEVEL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-BLK-S-ML

Quant Time: Jul 16 01:50:54 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 16 01:50:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	71460	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	340137	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	201972	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	430917	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	430562	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	418029	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	11517	5.77	ng/uL	0.00
5) Phenol-d5	6.76	99	192699	31.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	121710	28.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	165875	34.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	154493	32.70	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	78726	29.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	68660	34.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	132369	32.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	239898	40.76	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	495507	35.19	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	616830	33.71	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	74758	28.13	ng/ul	0.00
57) Fluorene-d10	15.24	176	458494	35.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	32772	16.25	ng/ul	0.00
70) Anthracene-d10	17.09	188	684554	35.06	ng/ul	0.00
78) Pyrene-d10	19.40	212	758056	37.39	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	692764	33.81	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.16	88	294	0.14	ng/uL#	20
4) Benzaldehyde	6.74	77	54	0.01	ng/ul#	6
6) Phenol	6.80	94	121	0.02	ng/ul#	13
8) Bis(2-Chloroethyl)ether	7.02	93	1146	0.21	ng/ul#	58
11) 2-Methylphenol	8.04	108	185	0.04	ng/ul#	4
12) 2,2'-oxybis(1-Chloropropan	8.12	45	134	0.02	ng/ul#	66
15) N-Nitroso-di-n-propylamine	8.40	70	58	0.01	ng/ul#	34
20) Nitrobenzene	8.74	77	601	0.09	ng/ul#	24
21) Isophorone	9.31	82	345	0.03	ng/ul#	46
25) Bis(2-Chloroethoxy)methane	9.79	93	60	0.01	ng/ul#	49
28) Naphthalene	10.41	128	588	0.03	ng/ul#	68
30) 4-Chloroaniline	10.53	127	133	0.02	ng/ul#	1
34) 2-Methylnaphthalene	12.04	142	170	0.01	ng/ul#	59
40) 1,1'-Biphenyl	13.08	154	389	0.02	ng/ul#	40
41) 2-Chloronaphthalene	13.12	162	240	0.02	ng/ul#	16
44) Dimethylphthalate	13.70	163	301	0.02	ng/ul#	76
45) 2,6-Dinitrotoluene	13.68	165	496	0.18	ng/ul#	24
47) Acenaphthylene	13.96	152	717	0.04	ng/ul#	86
49) Acenaphthene	14.31	153	280	0.02	ng/ul#	63
52) 4-Nitrophenol	14.46	109	122	0.05	ng/ul#	1
53) Dibenzofuran	14.64	168	545	0.03	ng/ul#	84
56) Diethylphthalate	15.09	149	144	0.01	ng/ul#	59
58) Fluorene	15.30	166	215	0.01	ng/ul#	81

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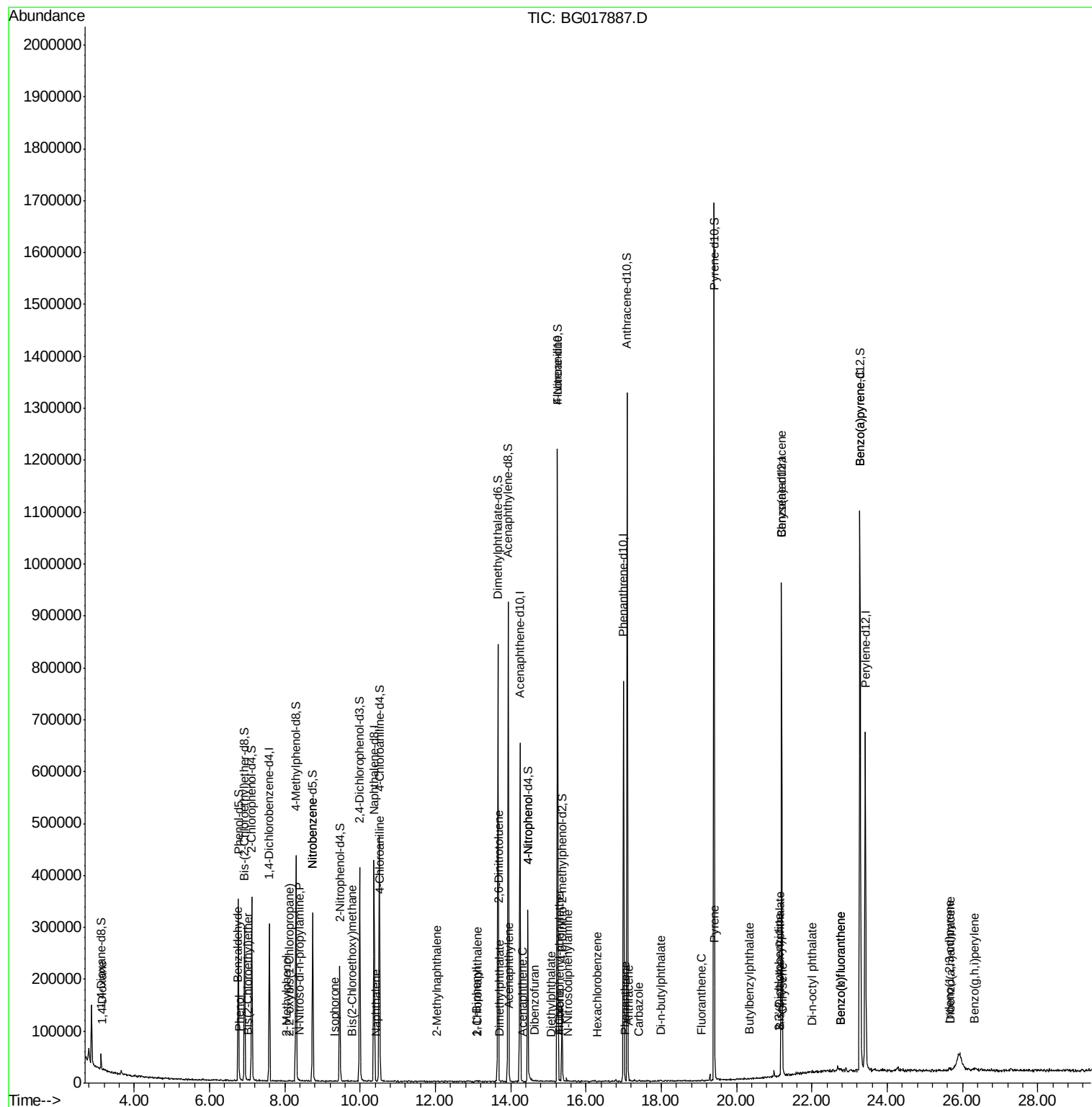
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
59) 4-Chlorophenyl-phenylether	15.29	204	148	0.02	ng/ul#	75
60) 4-Nitroaniline	15.24	138	369	0.10	ng/ul#	1
64) N-Nitrosodiphenylamine	15.52	169	203	0.02	ng/ul#	69
66) Hexachlorobenzene	16.30	284	115	0.03	ng/ul#	33
69) Phenanthrene	17.04	178	759	0.03	ng/ul#	48
71) Anthracene	17.13	178	863	0.04	ng/ul#	64
74) Carbazole	17.41	167	774	0.04	ng/ul#	58
75) Di-n-butylphthalate	17.98	149	1295	0.05	ng/ul#	76
76) Fluoranthene	19.07	202	729	0.03	ng/ul#	66
79) Pyrene	19.43	202	1000	0.04	ng/ul#	44
80) Butylbenzylphthalate	20.35	149	347	0.03	ng/ul#	69
81) 3,3'-Dichlorobenzidine	21.12	252	418	0.06	ng/ul#	25
82) Benzo(a)anthracene	21.19	228	3385	0.14	ng/ul#	87
83) Bis(2-ethylhexyl)phthalate	21.14	149	2256	0.15	ng/ul#	53
84) Chrysene	21.23	228	1065	0.05	ng/ul#	53
86) Di-n-octyl phthalate	22.01	149	2666	0.11	ng/ul	100
87) Benzo(b)fluoranthene	22.77	252	357	0.02	ng/ul	96
88) Benzo(k)fluoranthene	22.77	252	157	0.01	ng/ul	95
90) Benzo(a)pyrene	23.28	252	1385	0.06	ng/ul#	88
91) Indeno(1,2,3-cd)pyrene	25.65	276	1028	0.04	ng/ul#	83
92) Dibenzo(a,h)anthracene	25.68	278	853	0.04	ng/ul#	52
93) Benzo(g,h,i)perylene	26.31	276	799	0.04	ng/ul	97

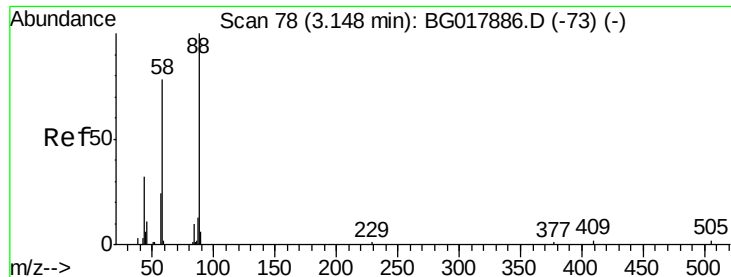
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.14 ng/uL

RT: 3.16 min Scan# 80

Delta R.T. 0.01 min

Lab File: BG017887.D

Acq: 15 Jul 2015 16:01

Instrument :

BNA_G

ClientSampleId :

MDL-BLK-S-ML

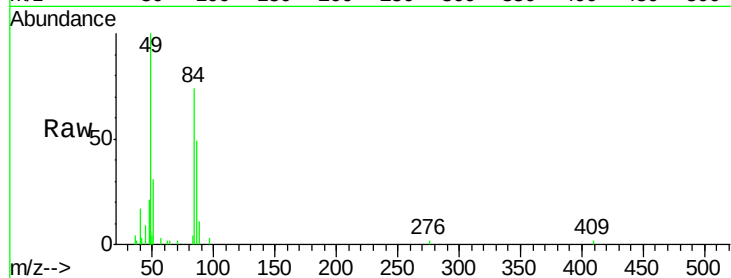
Tgt Ion: 88 Resp: 294

Ion Ratio Lower Upper

88 100

43 0.0 26.4 39.6#

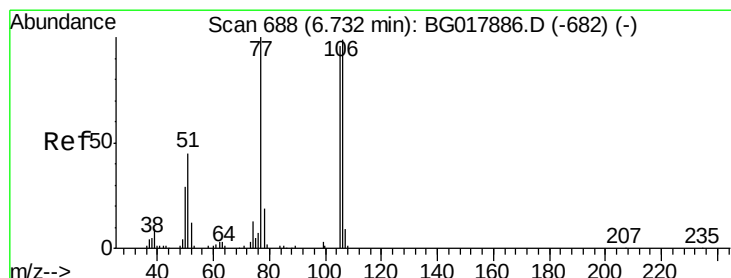
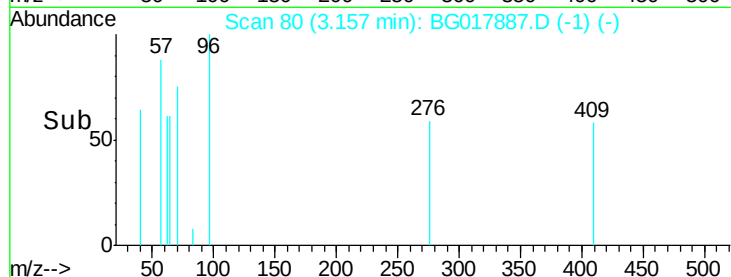
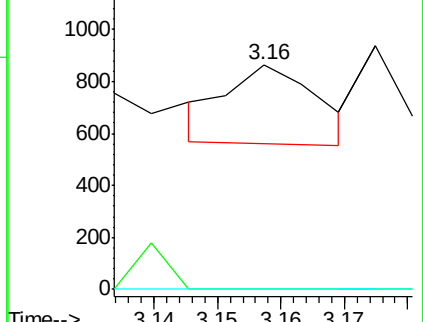
58 0.0 61.5 92.3#



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

Ion 58.00 (57.70 to 58.70): BGC



#4

Benzaldehyde

Concen: 0.01 ng/uL

RT: 6.74 min Scan# 690

Delta R.T. 0.01 min

Lab File: BG017887.D

Acq: 15 Jul 2015 16:01

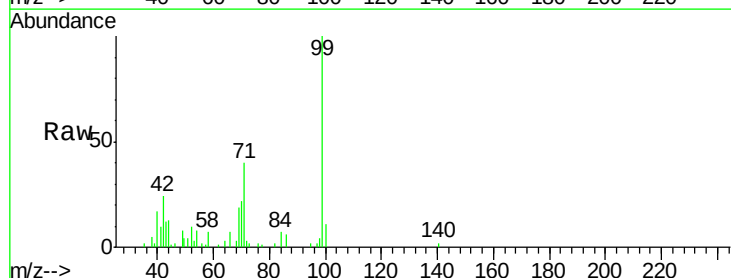
Tgt Ion: 77 Resp: 54

Ion Ratio Lower Upper

77 100

105 0.0 69.1 103.7#

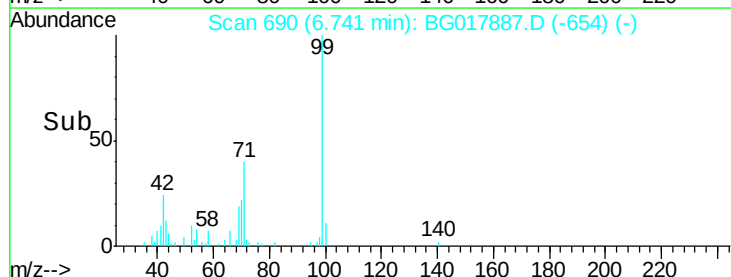
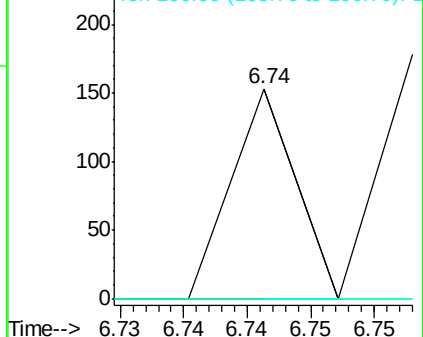
106 0.0 69.3 103.9#

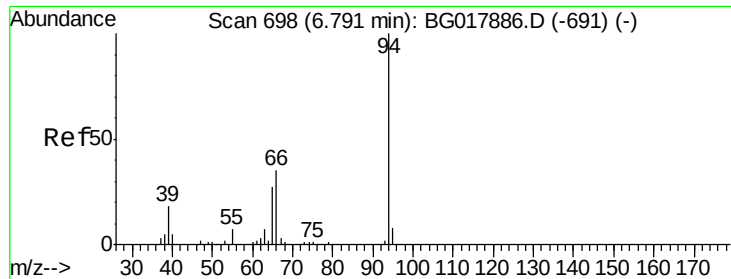


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC





#6

Phenol

Concen: 0.02 ng/ul

RT: 6.80 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG017887.D

Acq: 15 Jul 2015 16:01

Instrument :

BNA_G

ClientSampleId :

MDL-BLK-S-ML

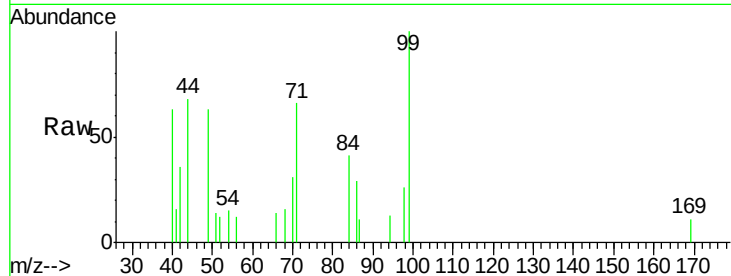
Tgt Ion: 94 Resp: 121

Ion Ratio Lower Upper

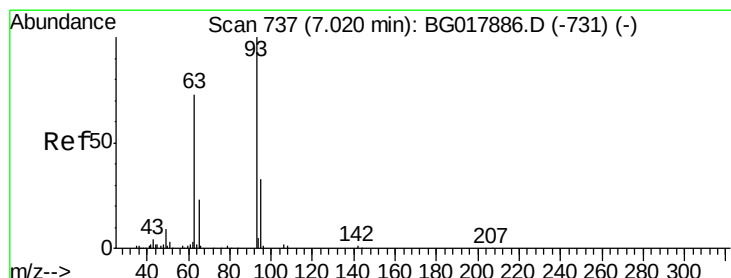
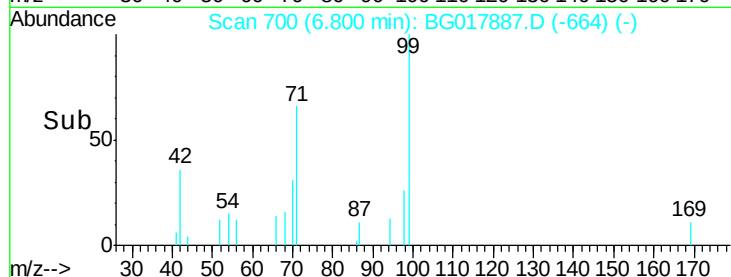
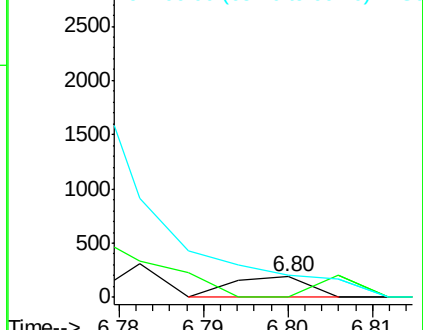
94 100

65 0.0 25.0 37.4#

66 108.0 31.7 47.5#



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



#8

Bis(2-Chloroethyl)ether

Concen: 0.21 ng/ul

RT: 7.02 min Scan# 738

Delta R.T. 0.00 min

Lab File: BG017887.D

Acq: 15 Jul 2015 16:01

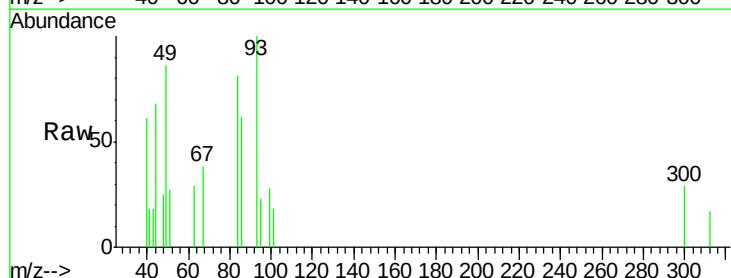
Tgt Ion: 93 Resp: 1146

Ion Ratio Lower Upper

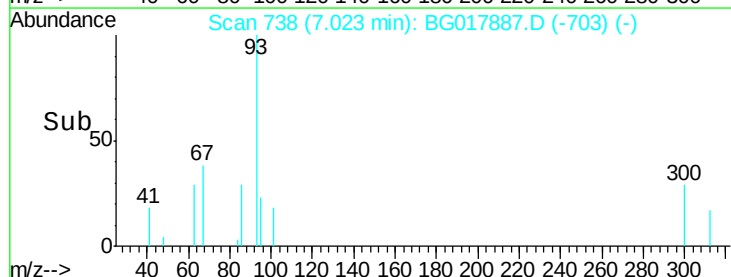
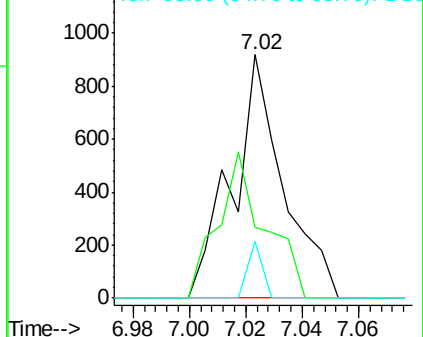
93 100

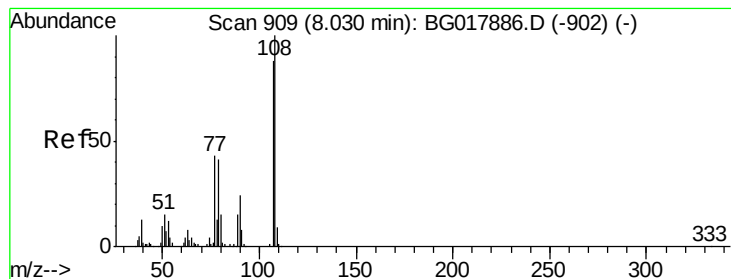
63 28.9 59.8 89.8#

95 23.1 23.4 35.2#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC





#11

2-Methylphenol

Concen: 0.04 ng/ul

RT: 8.04 min Scan# 911

Delta R.T. 0.01 min

Lab File: BG017887.D

Acq: 15 Jul 2015 16:01

Instrument :

BNA_G

ClientSampleId :

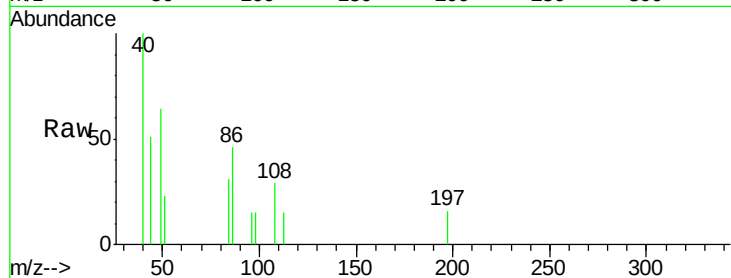
MDL-BLK-S-ML

Tgt Ion: 108 Resp: 185

Ion Ratio Lower Upper

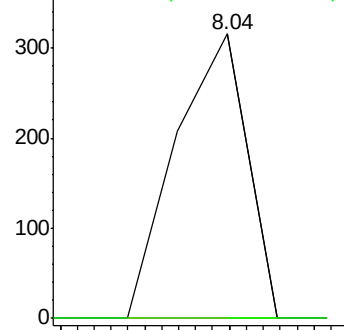
108 100

107 0.0 72.1 108.1#

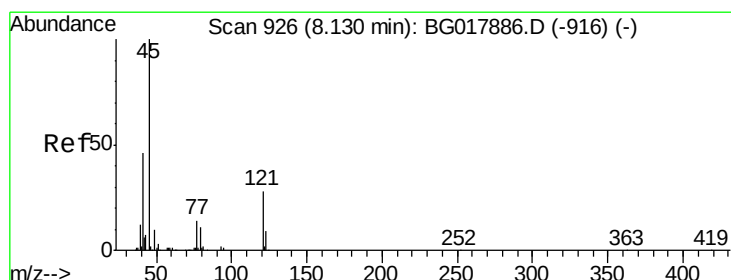
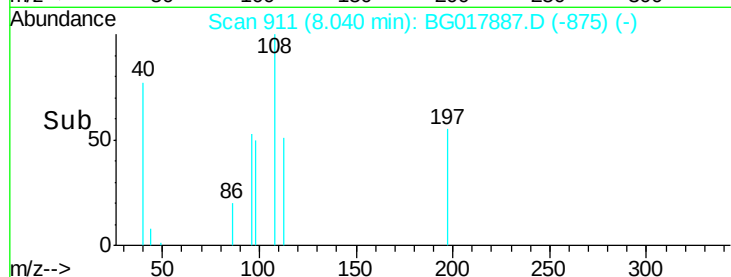


Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



Time--> 8.02 8.03 8.04 8.05



#12

2,2'-oxybis(1-Chloropropane)

Concen: 0.02 ng/ul

RT: 8.12 min Scan# 925

Delta R.T. -0.01 min

Lab File: BG017887.D

Acq: 15 Jul 2015 16:01

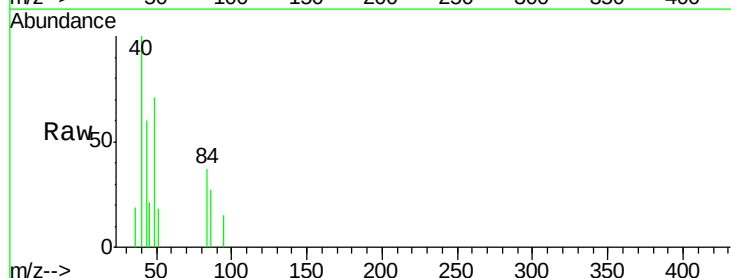
Tgt Ion: 45 Resp: 134

Ion Ratio Lower Upper

45 100

77 0.0 12.6 19.0#

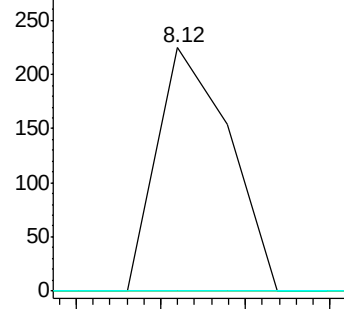
79 0.0 9.3 13.9#



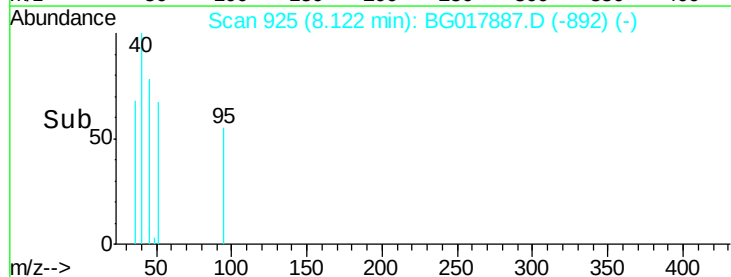
Abundance Ion 45.00 (44.70 to 45.70): BGC

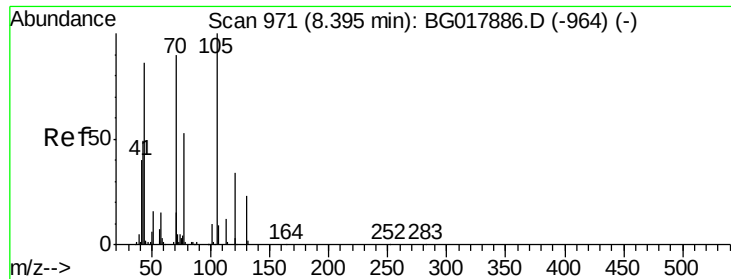
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



Time--> 8.11 8.12 8.13 8.14





#15

N-Nitroso-di-n-propylamine

Concen: 0.01 ng/ul

RT: 8.40 min Scan# 972

Delta R.T. 0.00 min

Lab File: BG017887.D

Acq: 15 Jul 2015 16:01

Instrument :

BNA_G

ClientSampleId :

MDL-BLK-S-ML

Tgt Ion: 70 Resp: 58

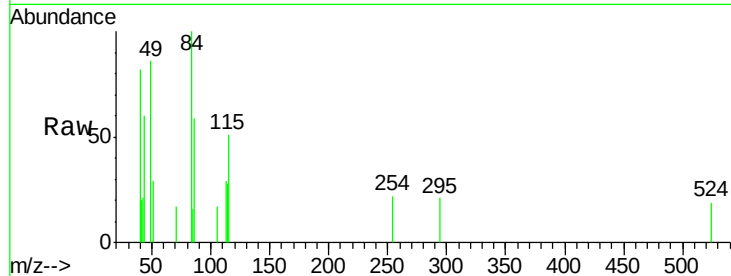
Ion Ratio Lower Upper

70 100

42 125.5 51.1 76.7#

101 0.0 9.8 14.8#

130 0.0 18.8 28.2#

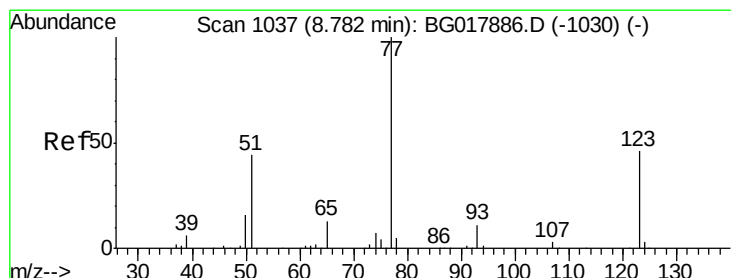
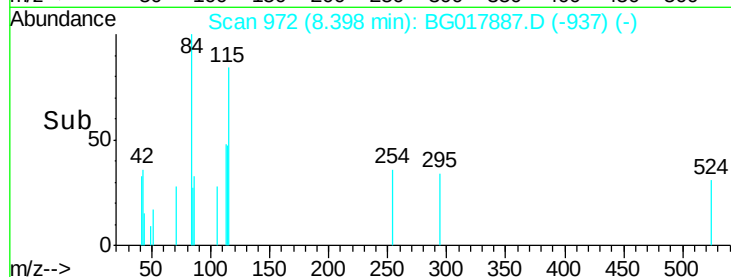
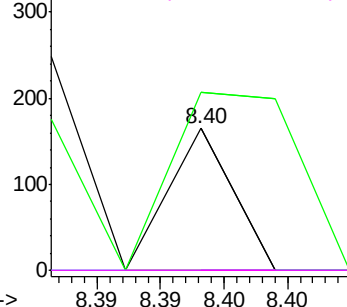


Abundance Ion 70.00 (69.70 to 70.70): BGC

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

Nitrobenzene

Concen: 0.09 ng/ul

RT: 8.74 min Scan# 1031

Delta R.T. -0.04 min

Lab File: BG017887.D

Acq: 15 Jul 2015 16:01

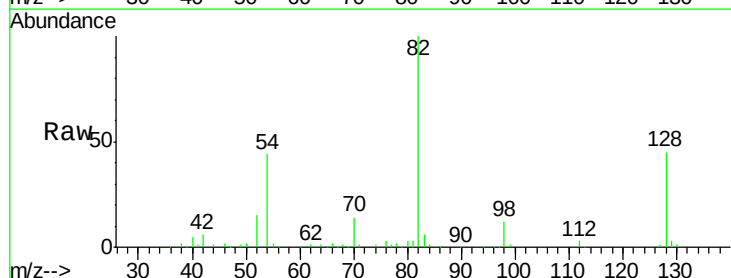
Tgt Ion: 77 Resp: 601

Ion Ratio Lower Upper

77 100

123 0.0 32.0 48.0#

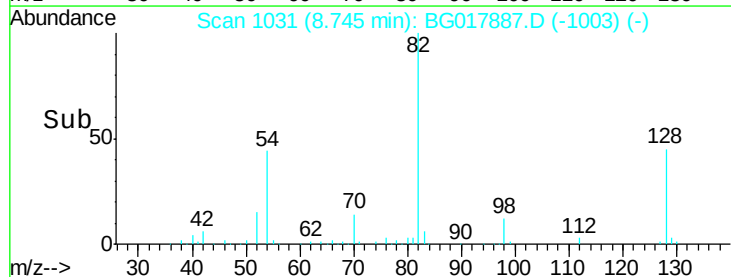
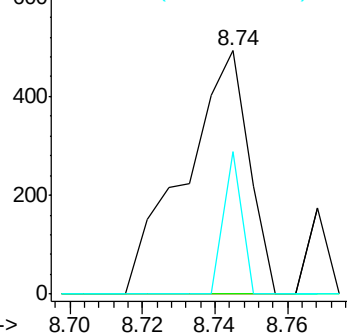
65 58.4 11.3 16.9#

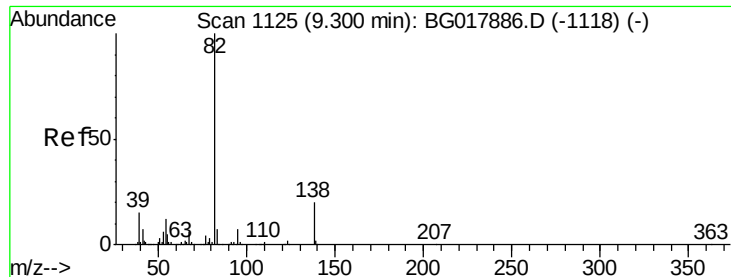


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

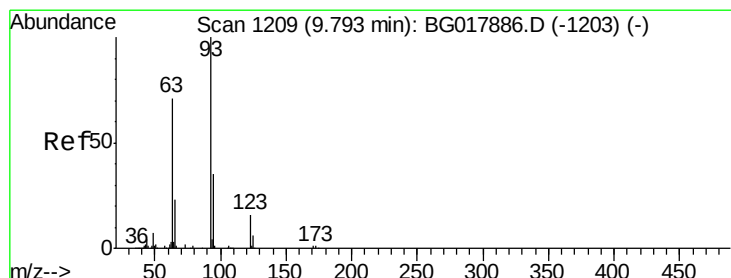
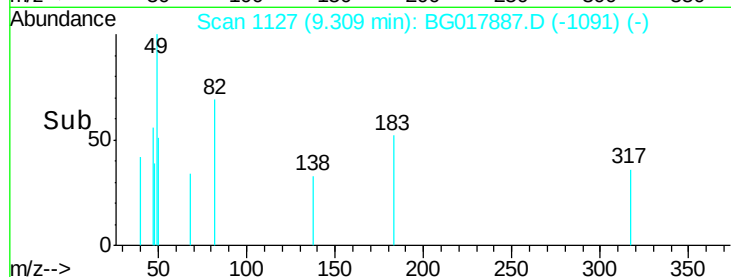
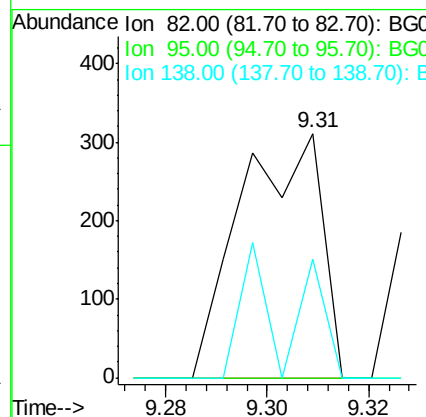
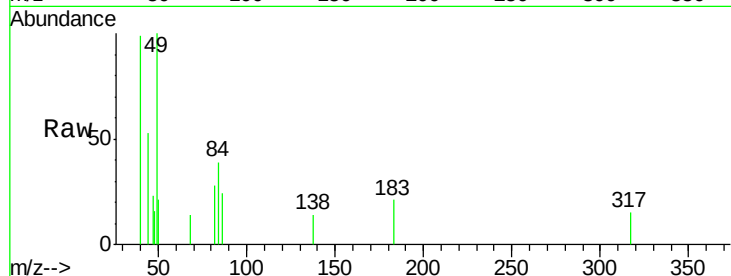




#21
Isophorone
Concen: 0.03 ng/ul
RT: 9.31 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BG017887.D
Acq: 15 Jul 2015 16:01

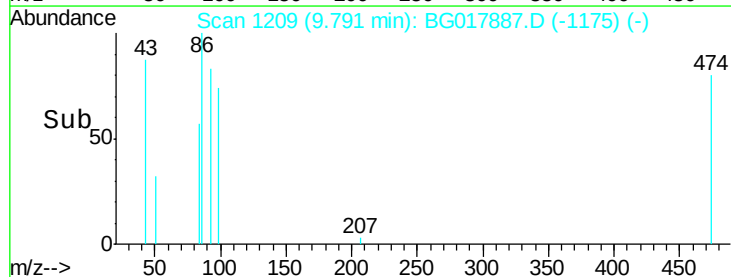
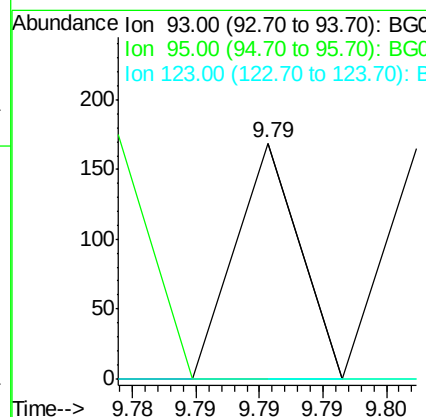
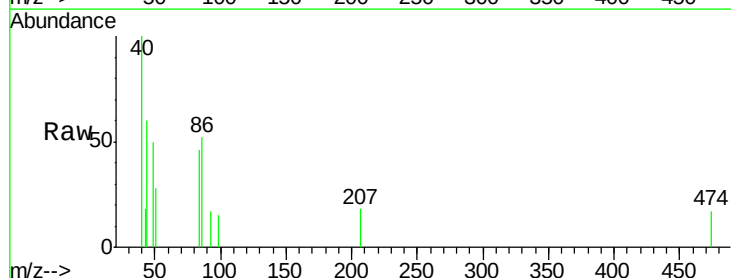
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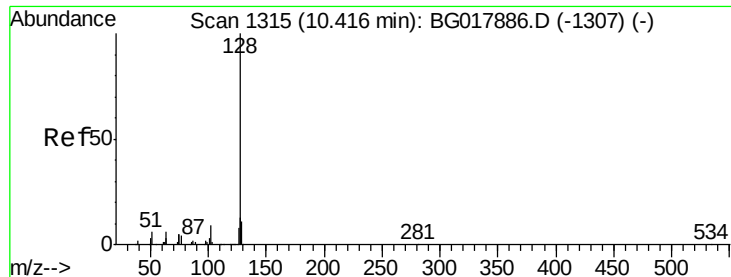
Tgt Ion: 82 Resp: 345
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 48.6 14.7 22.1#



#25
Bis(2-Chloroethoxy)methane
Concen: 0.01 ng/ul
RT: 9.79 min Scan# 1209
Delta R.T. -0.00 min
Lab File: BG017887.D
Acq: 15 Jul 2015 16:01

Tgt Ion: 93 Resp: 60
Ion Ratio Lower Upper
93 100
95 0.0 26.0 39.0#
123 0.0 12.0 18.0#

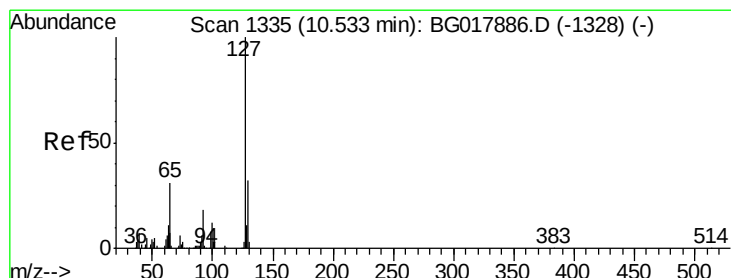
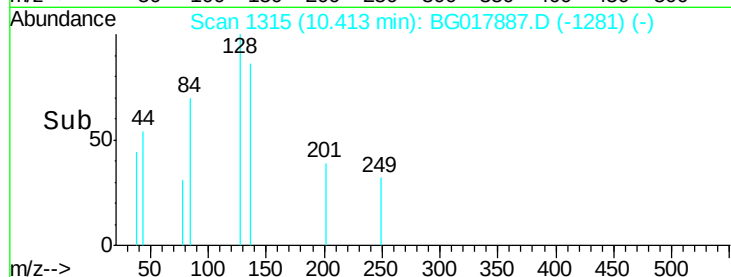
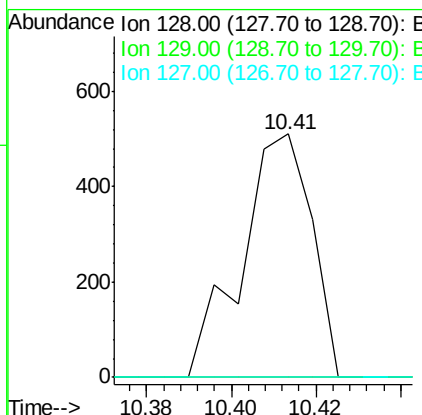
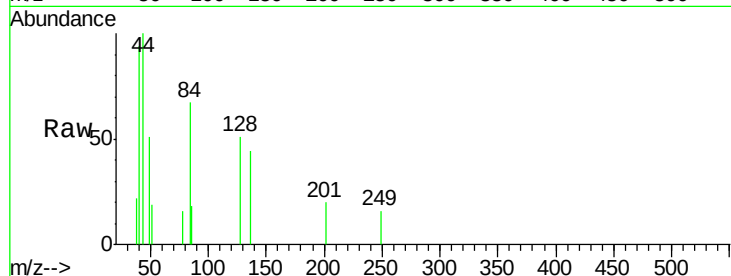




#28
Naphthalene
Concen: 0.03 ng/ul
RT: 10.41 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG017887.D
Acq: 15 Jul 2015 16:01

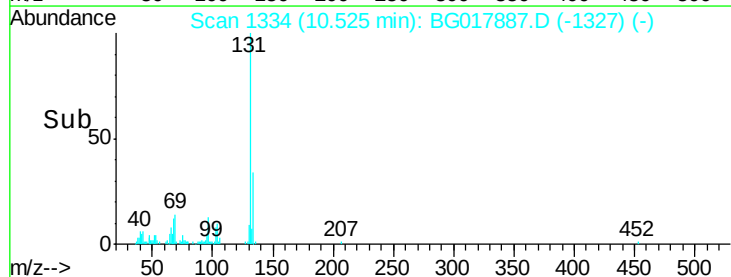
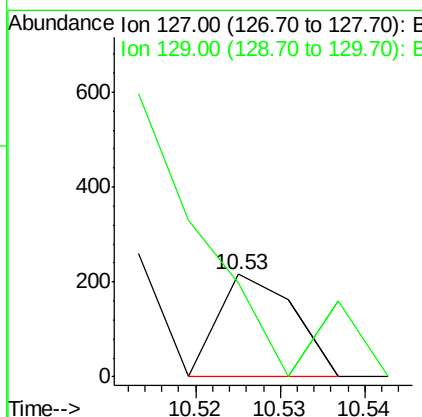
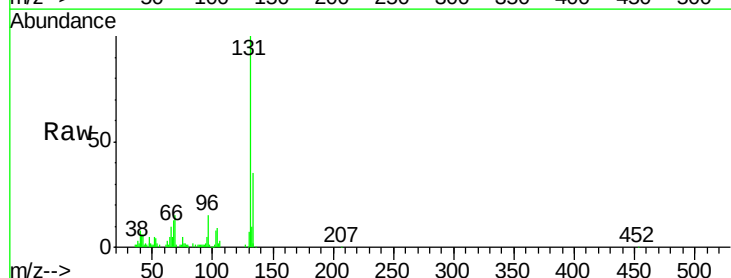
Instrument :
BNA_G
ClientSampleId :
MDL-BLK-S-ML

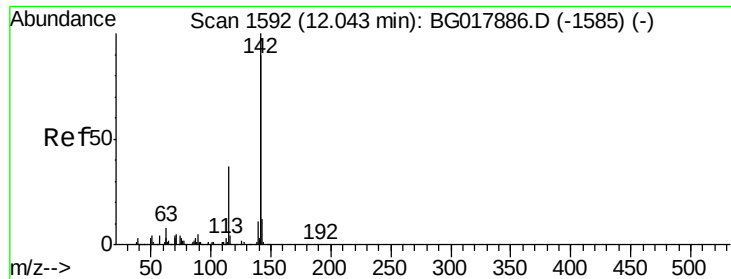
Tgt Ion:128 Resp: 588
Ion Ratio Lower Upper
128 100
129 0.0 9.1 13.7#
127 0.0 11.0 16.6#



#30
4-Chloroaniline
Concen: 0.02 ng/ul
RT: 10.53 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG017887.D
Acq: 15 Jul 2015 16:01

Tgt Ion:127 Resp: 133
Ion Ratio Lower Upper
127 100
129 91.7 26.0 39.0#

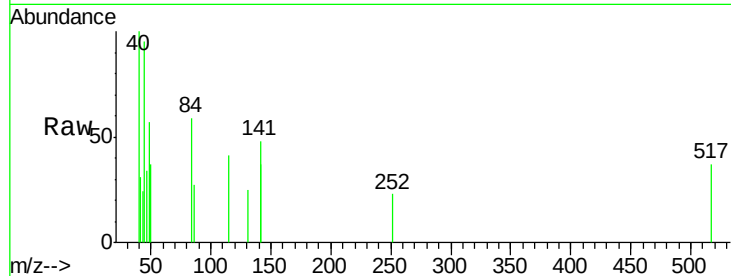




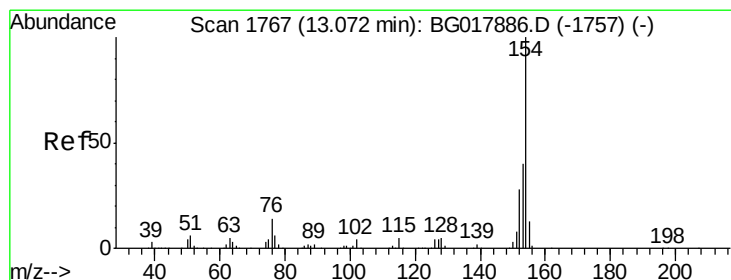
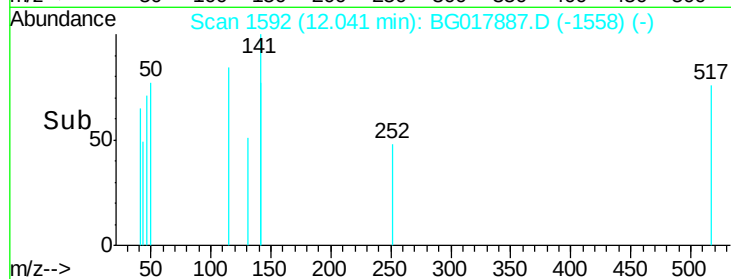
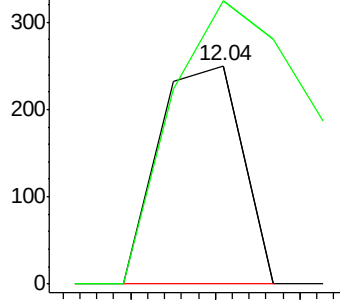
#34
 2-Methylnaphthalene
 Concen: 0.01 ng/ul
 RT: 12.04 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: BG017887.D
 Acq: 15 Jul 2015 16:01

Instrument :
 BNA_G
 ClientSampleId :
 MDL-BLK-S-ML

Tgt Ion:142 Resp: 170
 Ion Ratio Lower Upper
 142 100
 141 129.6 72.6 108.8#

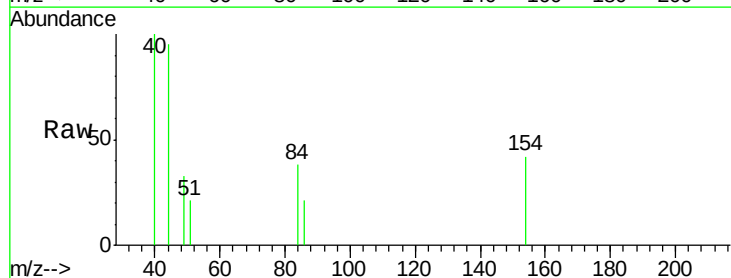


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E

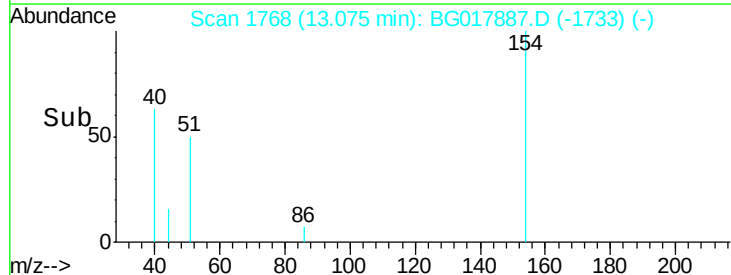
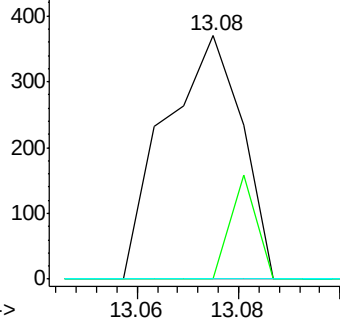


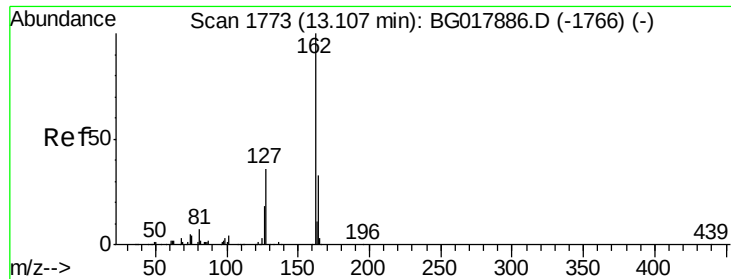
#40
 1,1'-Biphenyl
 Concen: 0.02 ng/ul
 RT: 13.08 min Scan# 1768
 Delta R.T. 0.00 min
 Lab File: BG017887.D
 Acq: 15 Jul 2015 16:01

Tgt Ion:154 Resp: 389
 Ion Ratio Lower Upper
 154 100
 153 0.0 35.0 52.6#
 76 0.0 14.0 21.0#



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

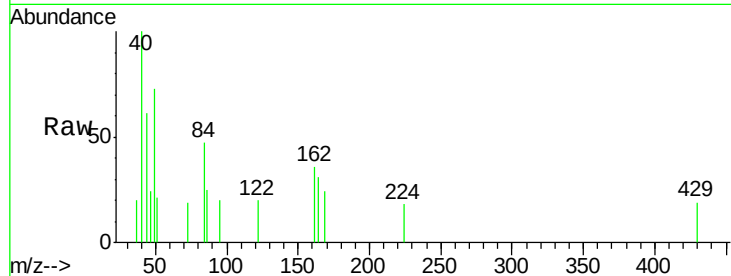




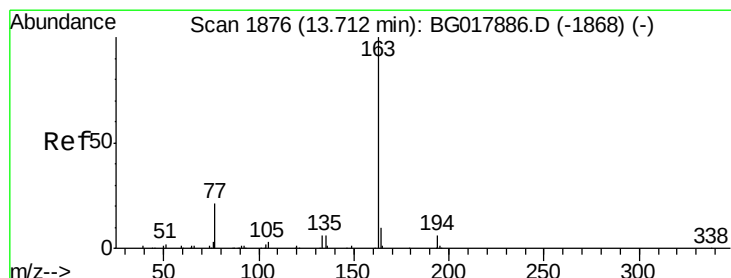
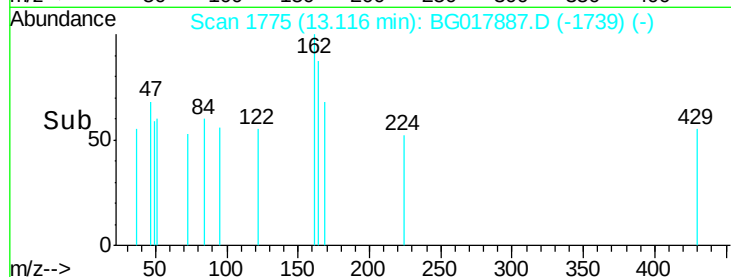
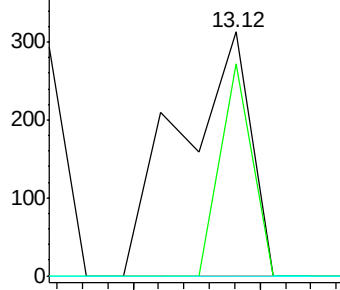
#41
 2-Chloronaphthalene
 Concen: 0.02 ng/ul
 RT: 13.12 min Scan# 1775
 Delta R.T. 0.01 min
 Lab File: BG017887.D
 Acq: 15 Jul 2015 16:01

Instrument :
 BNA_G
 ClientSampleId :
 MDL-BLK-S-ML

Tgt Ion:162 Resp: 240
 Ion Ratio Lower Upper
 162 100
 164 86.9 22.9 34.3#
 127 0.0 32.7 49.1#

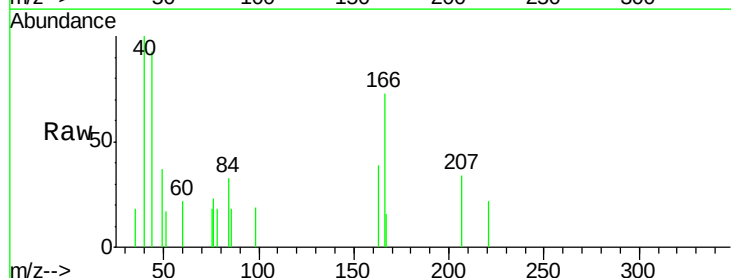


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 127.00 (126.70 to 127.70): E

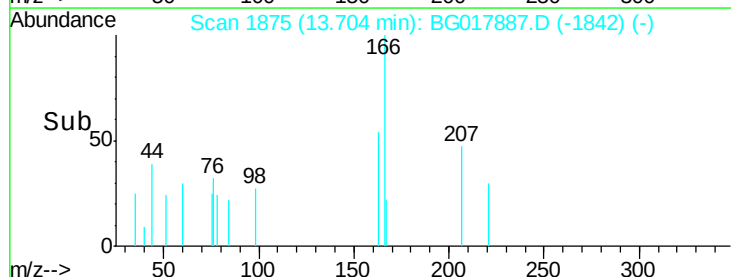
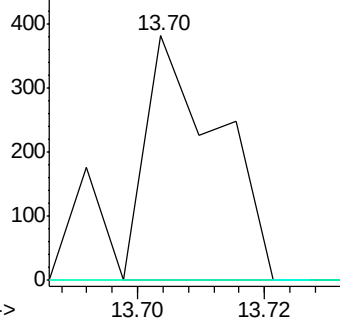


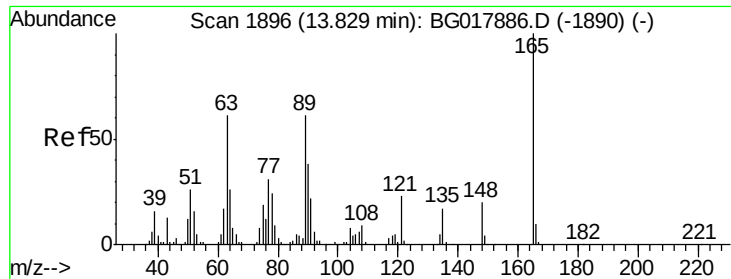
#44
 Dimethylphthalate
 Concen: 0.02 ng/ul
 RT: 13.70 min Scan# 1875
 Delta R.T. -0.01 min
 Lab File: BG017887.D
 Acq: 15 Jul 2015 16:01

Tgt Ion:163 Resp: 301
 Ion Ratio Lower Upper
 163 100
 194 0.0 5.4 8.0#
 164 0.0 8.0 12.0#



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

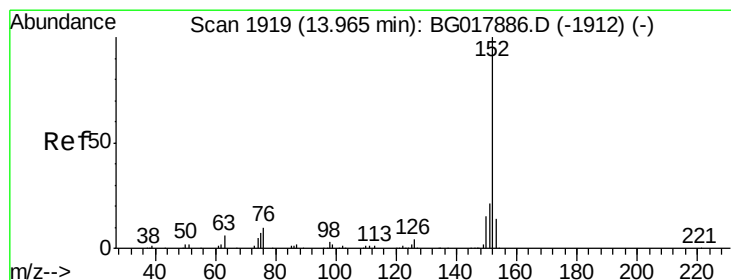
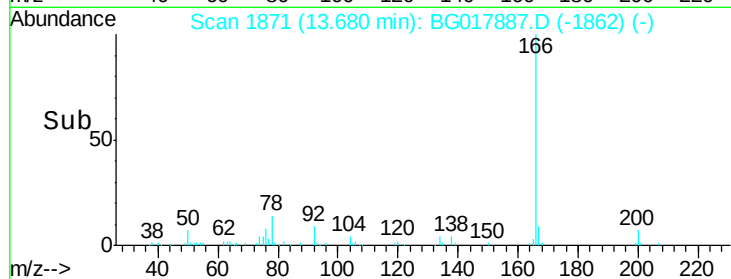
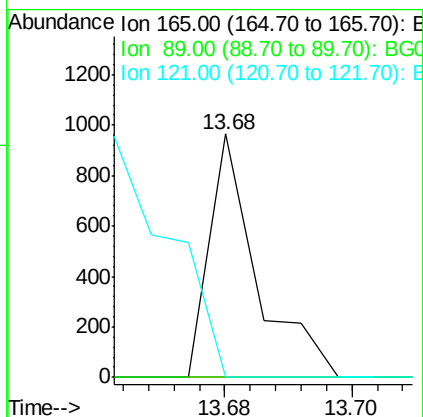
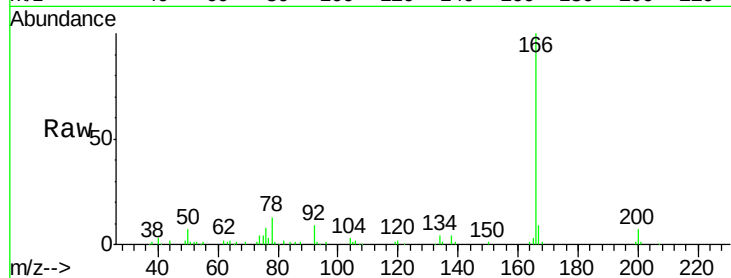




#45
2,6-Dinitrotoluene
Concen: 0.18 ng/ul
RT: 13.68 min Scan# 1871
Delta R.T. -0.15 min
Lab File: BG017887.D
Acq: 15 Jul 2015 16:01

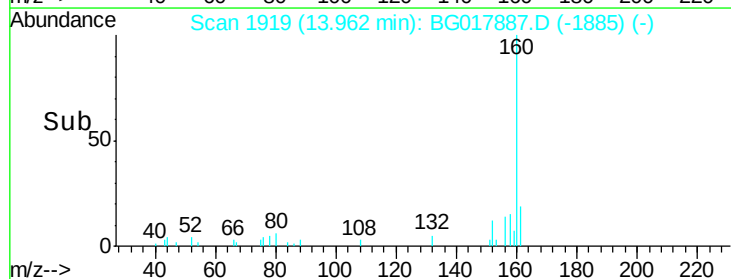
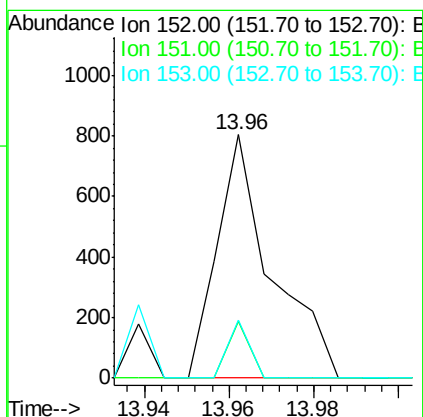
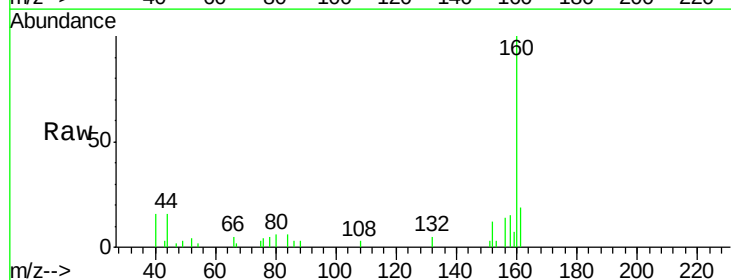
Instrument :
BNA_G
ClientSampleId :
MDL-BLK-S-ML

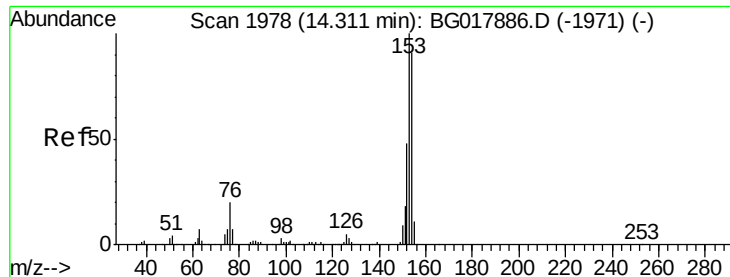
Tgt Ion:	165	Resp:	496
Ion Ratio	Lower	Upper	
165	100		
89	0.0	55.4	83.2#
121	0.0	20.6	30.8#



#47
Acenaphthylene
Concen: 0.04 ng/ul
RT: 13.96 min Scan# 1919
Delta R.T. -0.00 min
Lab File: BG017887.D
Acq: 15 Jul 2015 16:01

Tgt Ion:	152	Resp:	717
Ion Ratio	Lower	Upper	
152	100		
151	23.3	16.3	24.5
153	24.0	10.7	16.1#





#49

Acenaphthene

Concen: 0.02 ng/ul

RT: 14.31 min Scan# 1979

Delta R.T. 0.00 min

Lab File: BG017887.D

Acq: 15 Jul 2015 16:01

Instrument :

BNA_G

ClientSampleId :

MDL-BLK-S-ML

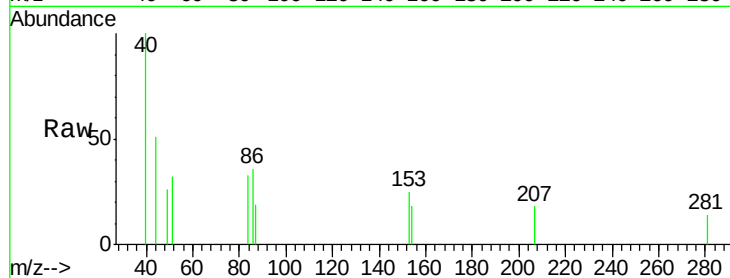
Tgt Ion:153 Resp: 280

Ion Ratio Lower Upper

153 100

152 0.0 37.8 56.6#

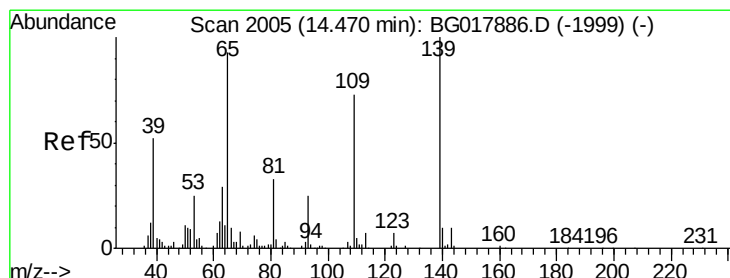
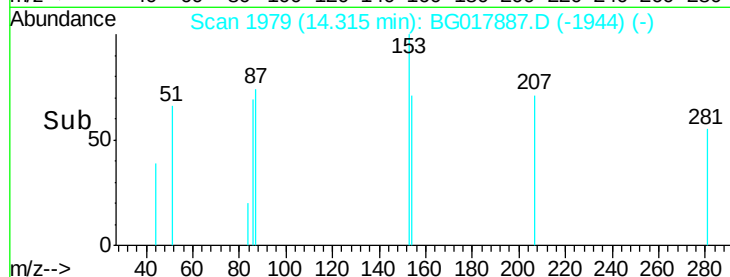
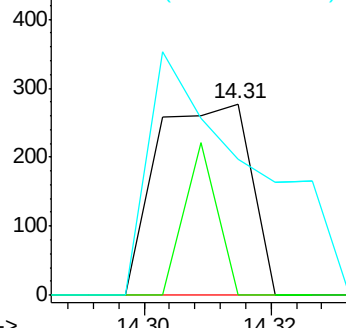
154 71.1 71.0 106.4



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#52

4-Nitrophenol

Concen: 0.05 ng/ul

RT: 14.46 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BG017887.D

Acq: 15 Jul 2015 16:01

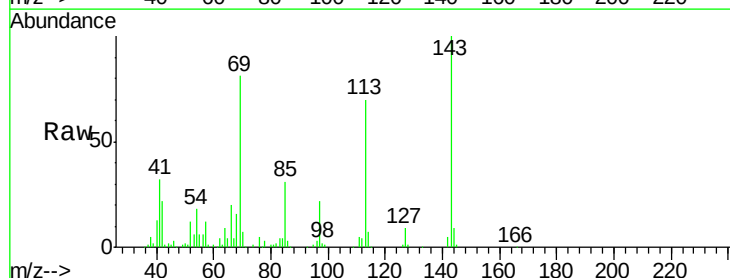
Tgt Ion:109 Resp: 122

Ion Ratio Lower Upper

109 100

139 0.0 96.9 145.3#

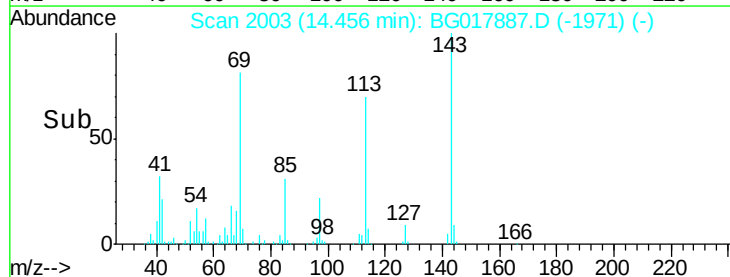
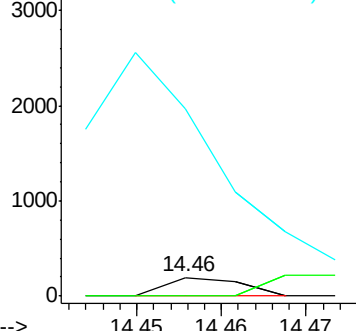
65 1002.6 121.1 181.7#

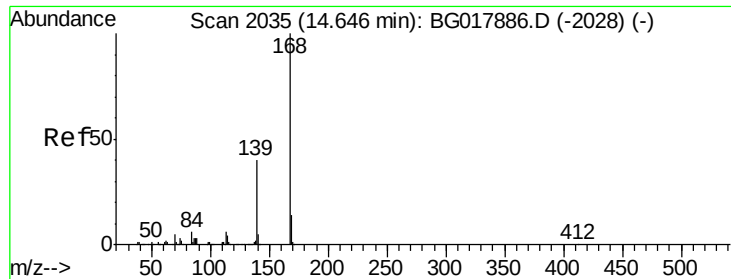


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BG





#53

Dibenzo(furan)

Concen: 0.03 ng/ul

RT: 14.64 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG017887.D

Acq: 15 Jul 2015 16:01

Instrument :

BNA_G

ClientSampleId :

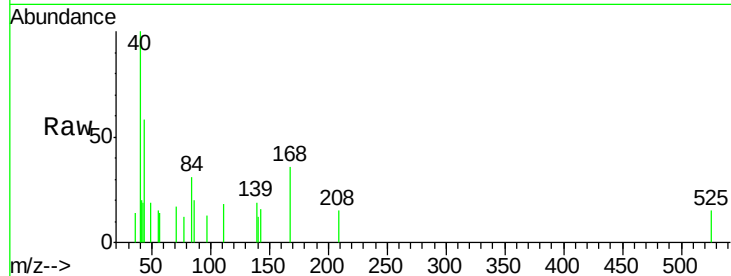
MDL-BLK-S-ML

Tgt Ion:168 Resp: 545

Ion Ratio Lower Upper

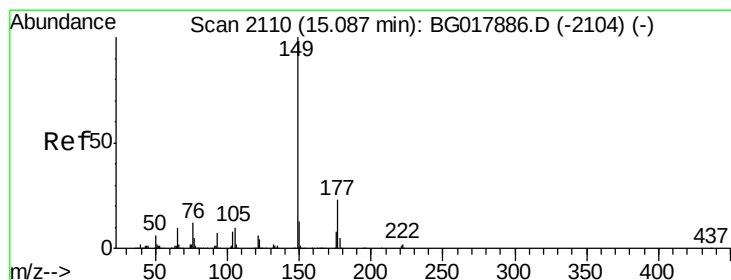
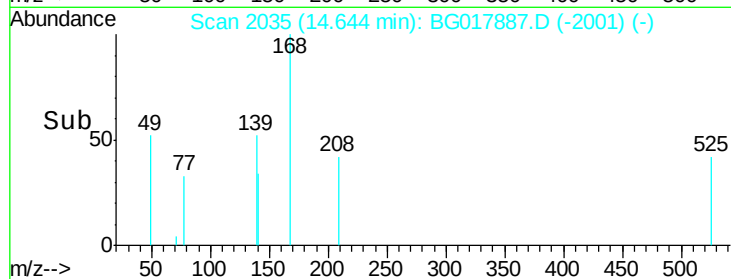
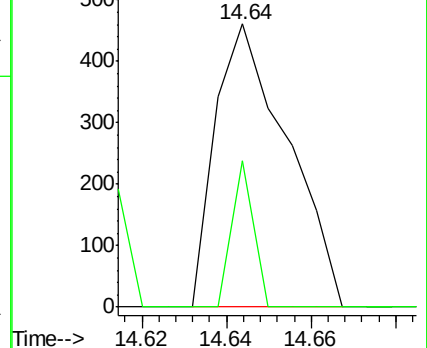
168 100

139 51.8 33.6 50.4#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#56

Diethylphthalate

Concen: 0.01 ng/ul

RT: 15.09 min Scan# 2111

Delta R.T. 0.00 min

Lab File: BG017887.D

Acq: 15 Jul 2015 16:01

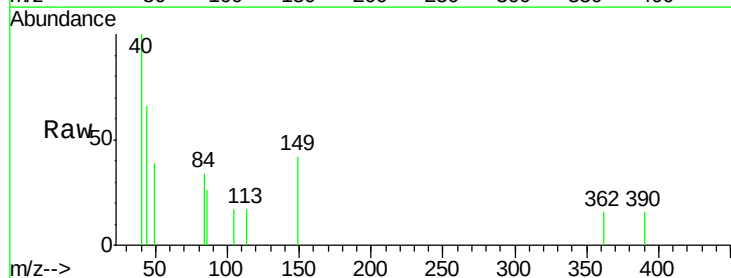
Tgt Ion:149 Resp: 144

Ion Ratio Lower Upper

149 100

177 0.0 17.5 26.3#

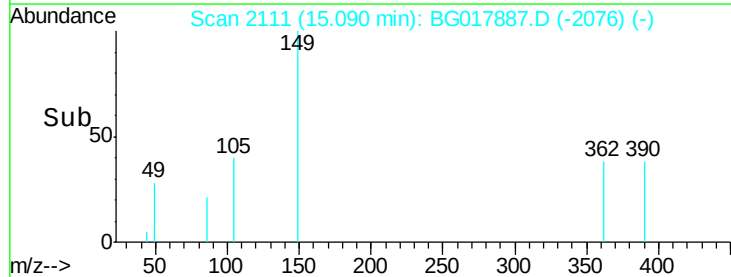
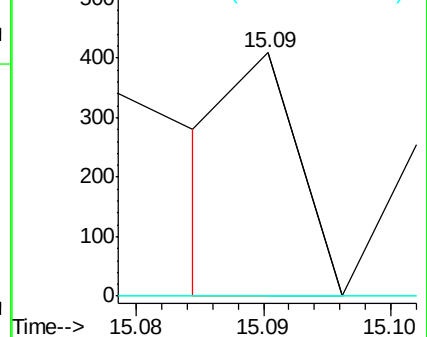
150 0.0 10.2 15.4#

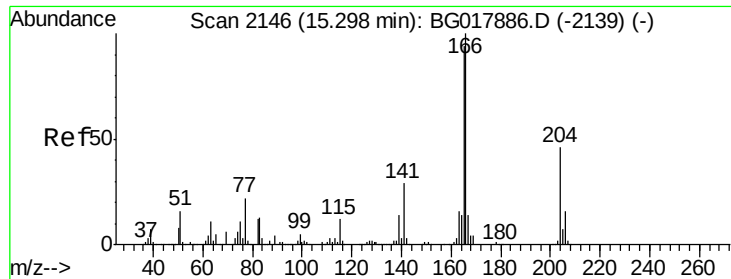


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#58

Fluorene

Concen: 0.01 ng/ul

RT: 15.30 min Scan# 2147

Delta R.T. 0.00 min

Lab File: BG017887.D

Acq: 15 Jul 2015 16:01

Instrument :

BNA_G

ClientSampleId :

MDL-BLK-S-ML

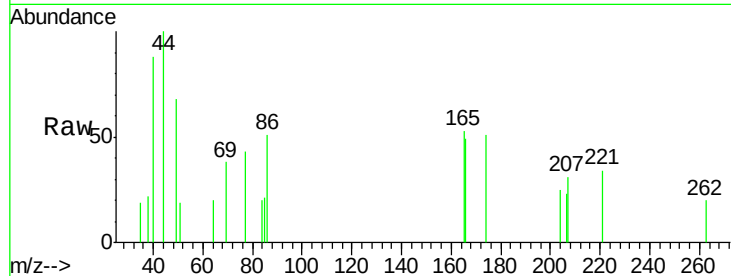
Tgt Ion:166 Resp: 215

Ion Ratio Lower Upper

166 100

165 107.9 73.3 109.9

167 0.0 11.0 16.4#



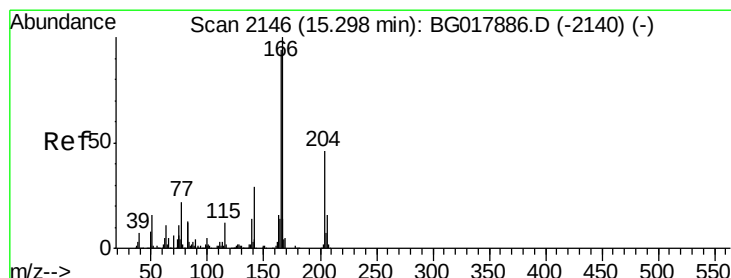
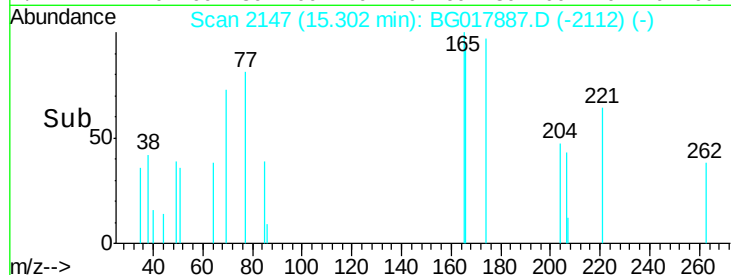
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.30

Time-->



#59

4-Chlorophenyl-phenylether

Concen: 0.02 ng/ul

RT: 15.29 min Scan# 2145

Delta R.T. -0.01 min

Lab File: BG017887.D

Acq: 15 Jul 2015 16:01

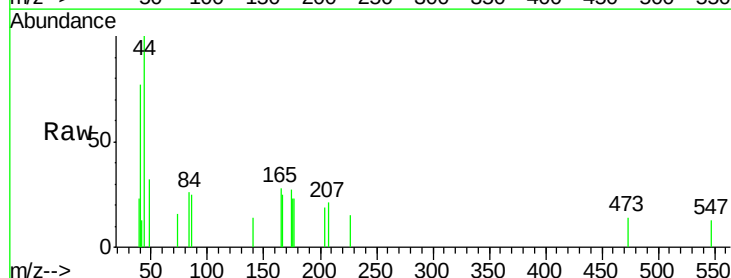
Tgt Ion:204 Resp: 148

Ion Ratio Lower Upper

204 100

206 0.0 25.7 38.5#

141 72.9 52.5 78.7



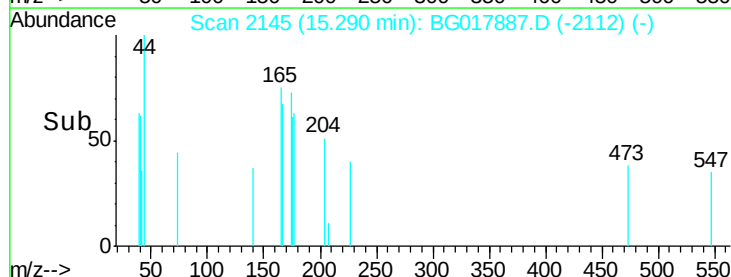
Abundance Ion 204.00 (203.70 to 204.70): E

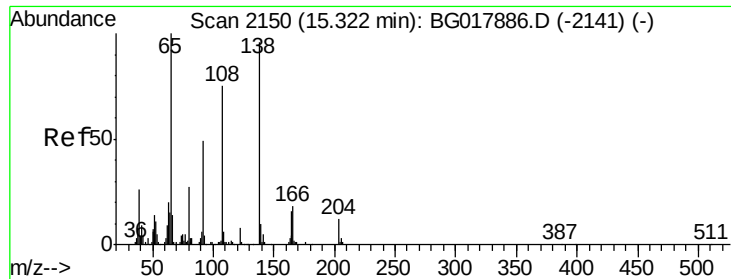
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

15.29

Time-->

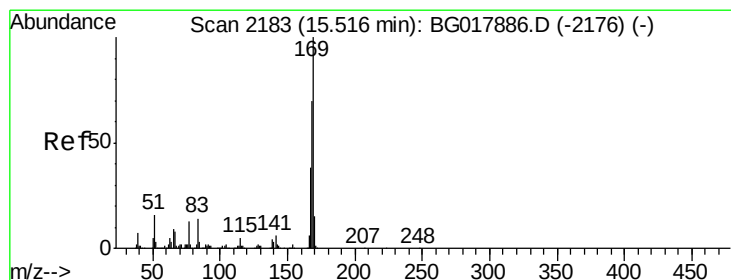
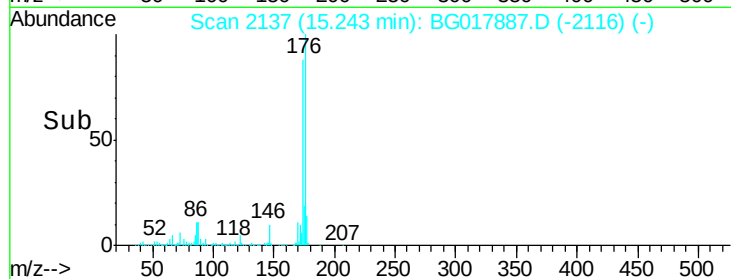
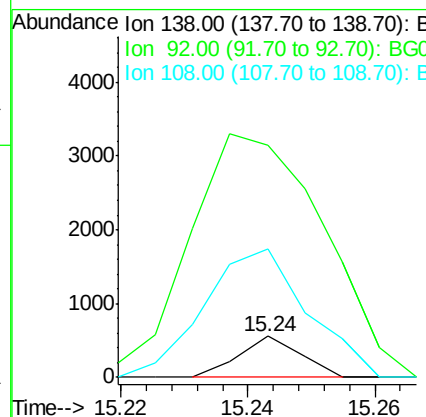
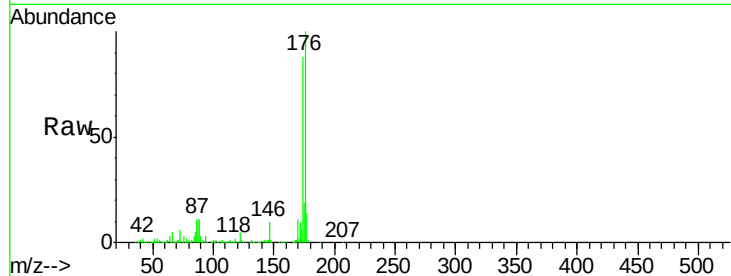




#60
4-Nitroaniline
Concen: 0.10 ng/ul
RT: 15.24 min Scan# 2137
Delta R.T. -0.08 min
Lab File: BG017887.D
Acq: 15 Jul 2015 16:01

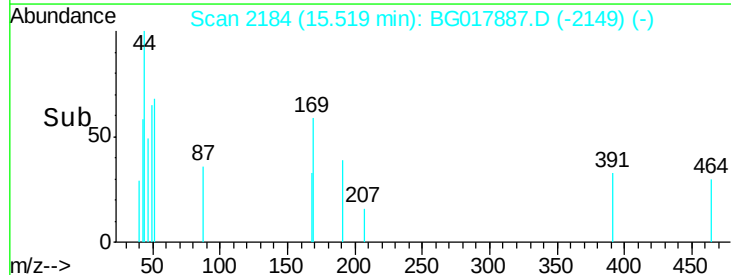
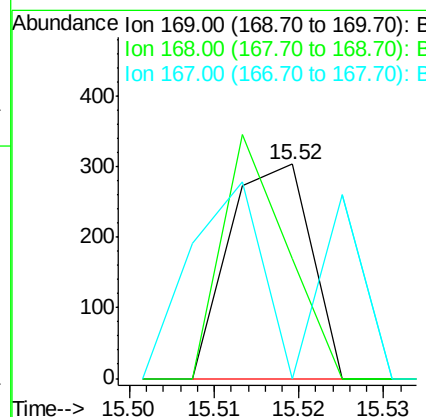
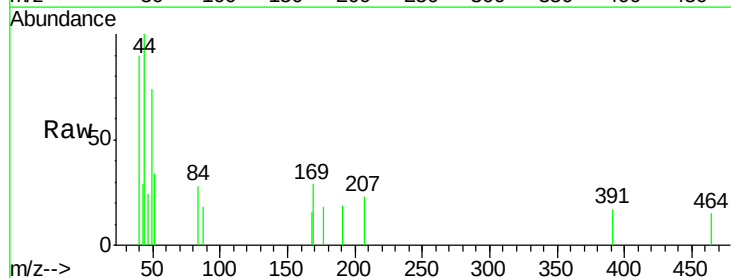
Instrument :
BNA_G
ClientSampleId :
MDL-BLK-S-ML

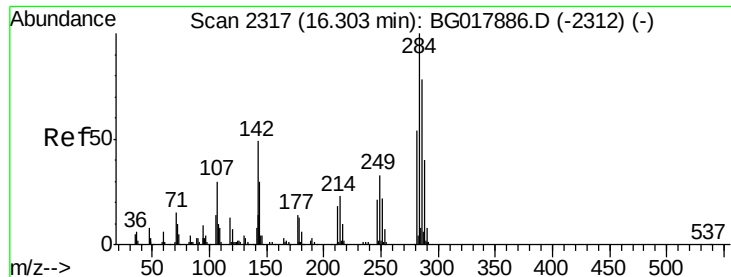
Tgt Ion:138 Resp: 369
Ion Ratio Lower Upper
138 100
92 562.5 38.6 58.0#
108 311.3 62.0 93.0#



#64
N-Nitrosodiphenylamine
Concen: 0.02 ng/ul
RT: 15.52 min Scan# 2184
Delta R.T. 0.00 min
Lab File: BG017887.D
Acq: 15 Jul 2015 16:01

Tgt Ion:169 Resp: 203
Ion Ratio Lower Upper
169 100
168 55.8 53.7 80.5
167 0.0 29.8 44.8#

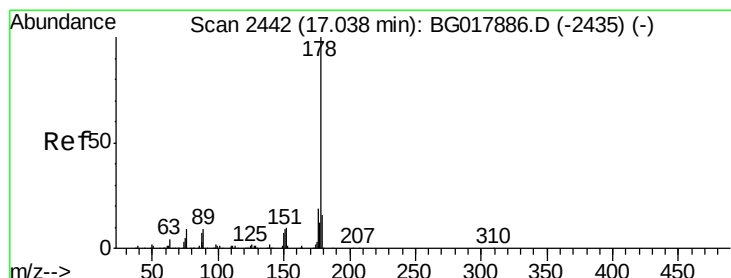
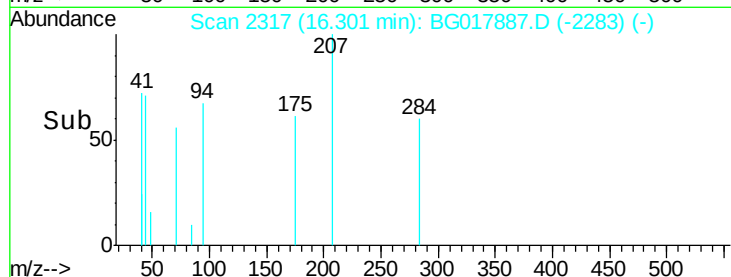
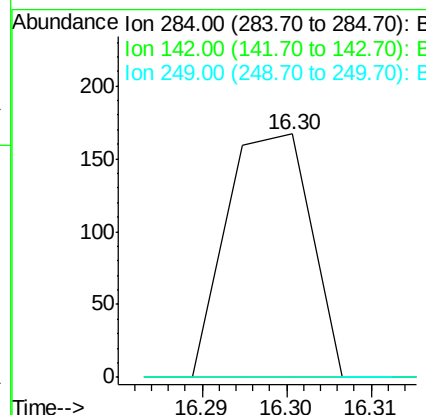
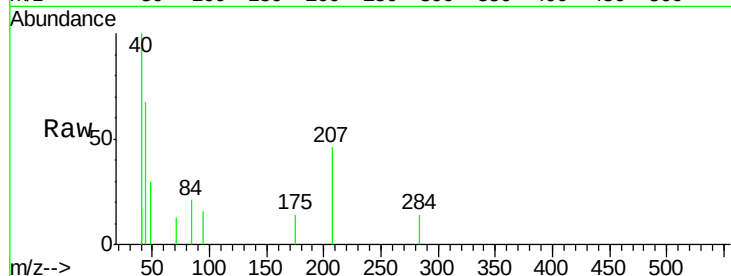




#66
Hexachlorobenzene
Concen: 0.03 ng/ul
RT: 16.30 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BG017887.D
Acq: 15 Jul 2015 16:01

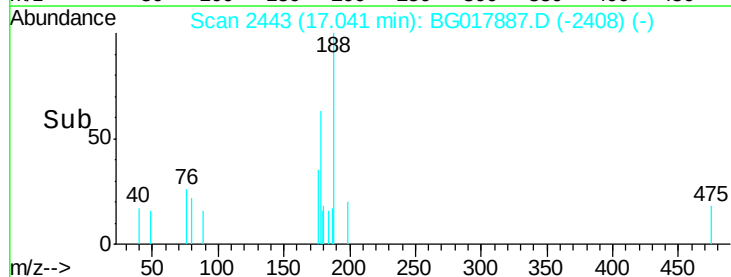
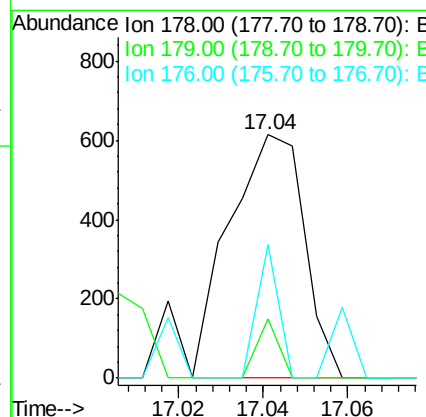
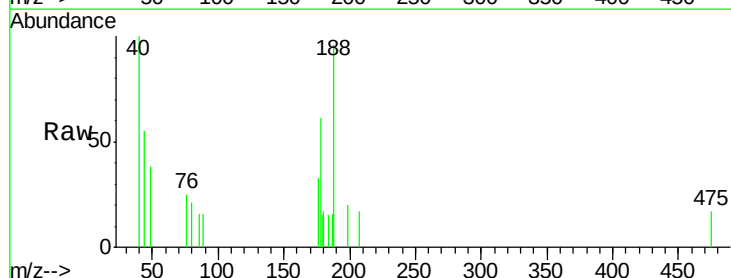
Instrument :
BNA_G
ClientSampleId :
MDL-BLK-S-ML

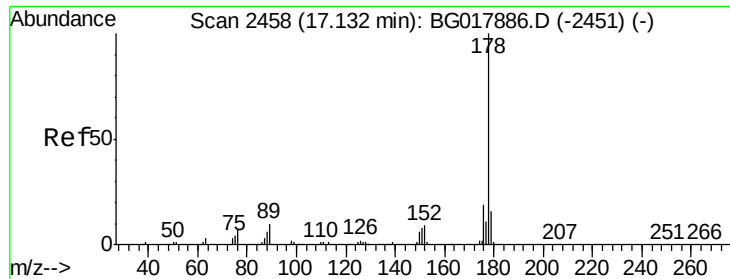
Tgt Ion:284 Resp: 115
Ion Ratio Lower Upper
284 100
142 0.0 41.8 62.6#
249 0.0 23.3 34.9#



#69
Phenanthrene
Concen: 0.03 ng/ul
RT: 17.04 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG017887.D
Acq: 15 Jul 2015 16:01

Tgt Ion:178 Resp: 759
Ion Ratio Lower Upper
178 100
179 24.6 12.6 18.8#
176 55.0 16.2 24.2#

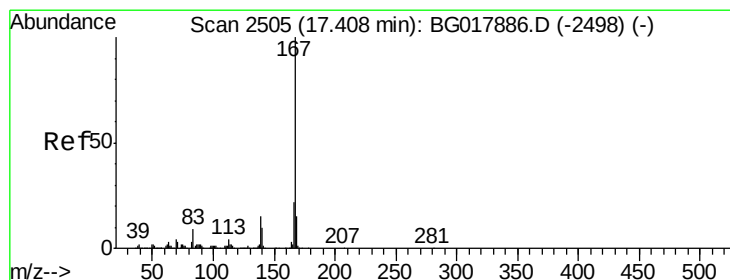
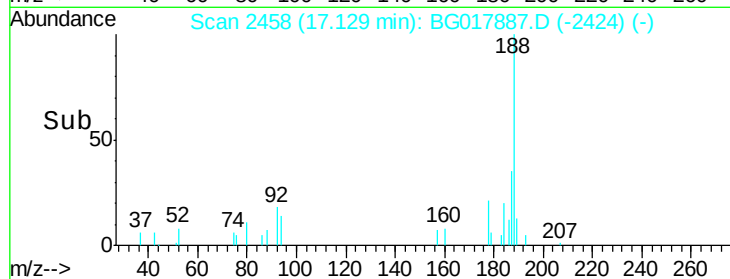
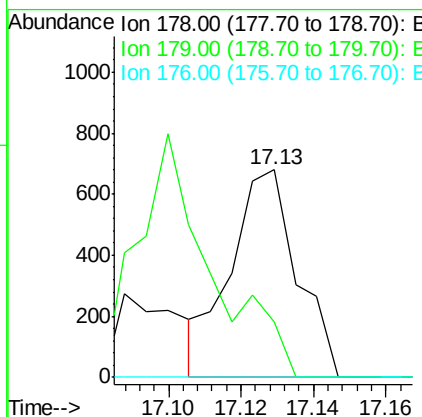
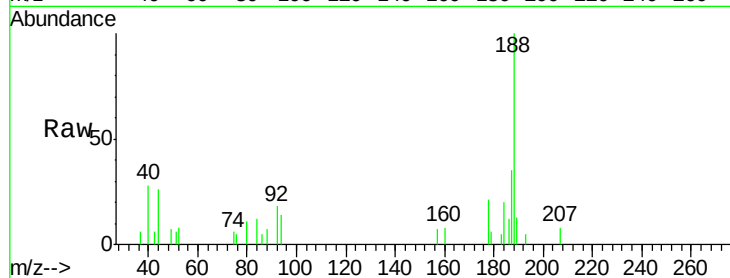




#71
 Anthracene
 Concen: 0.04 ng/ul
 RT: 17.13 min Scan# 2458
 Delta R.T. -0.00 min
 Lab File: BG017887.D
 Acq: 15 Jul 2015 16:01

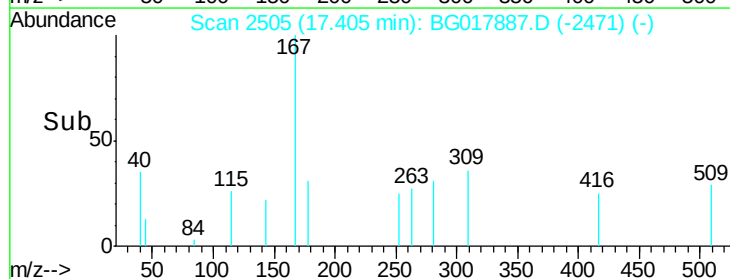
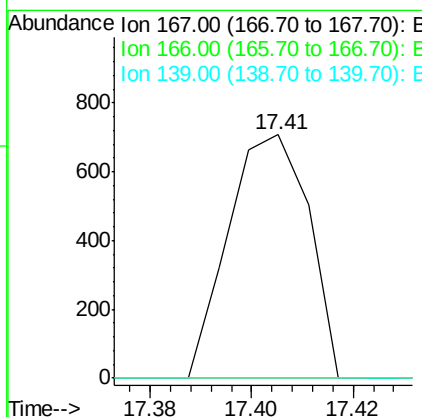
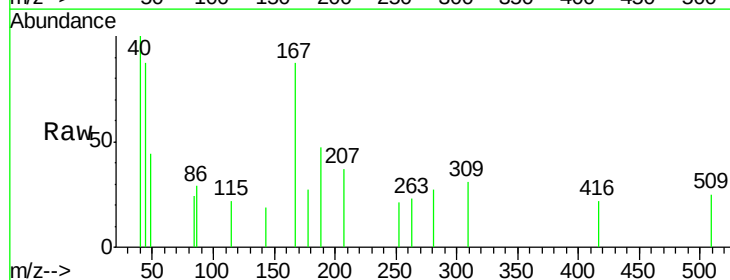
Instrument :
 BNA_G
 ClientSampleId :
 MDL-BLK-S-ML

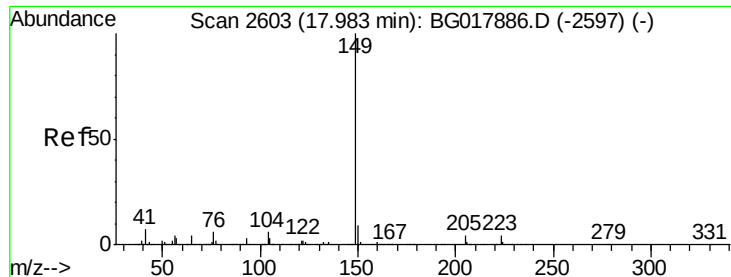
Tgt Ion:178 Resp: 863
 Ion Ratio Lower Upper
 178 100
 179 26.8 12.6 19.0#
 176 0.0 16.5 24.7#



#74
 Carbazole
 Concen: 0.04 ng/ul
 RT: 17.41 min Scan# 2505
 Delta R.T. -0.00 min
 Lab File: BG017887.D
 Acq: 15 Jul 2015 16:01

Tgt Ion:167 Resp: 774
 Ion Ratio Lower Upper
 167 100
 166 0.0 17.8 26.8#
 139 0.0 11.4 17.2#

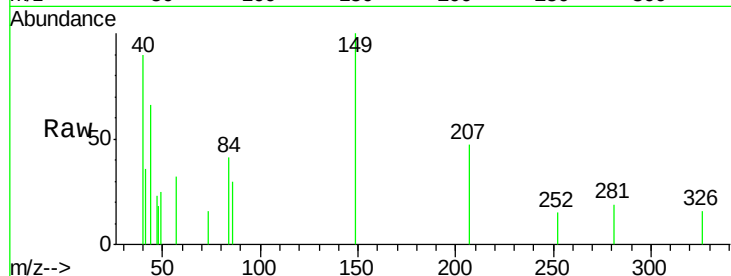




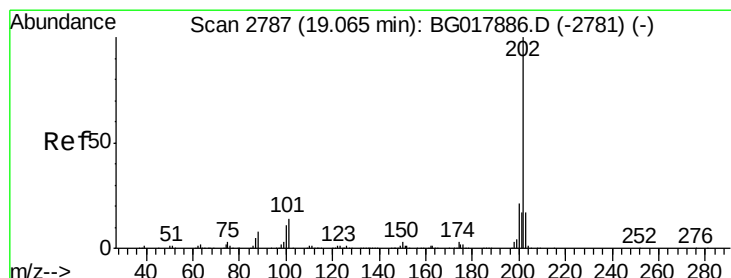
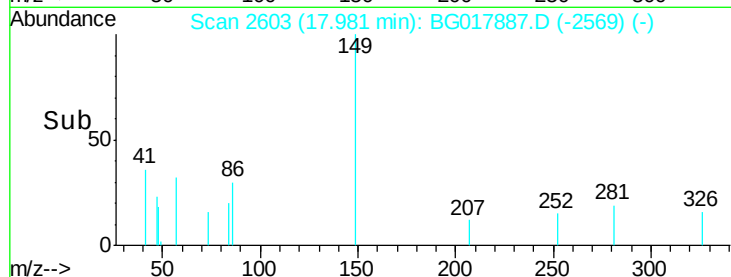
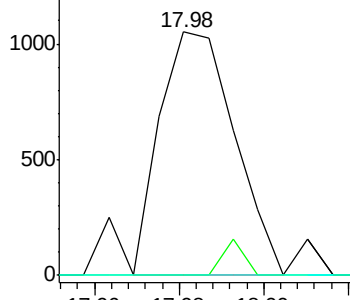
#75
Di-n-butylphthalate
Concen: 0.05 ng/ul
RT: 17.98 min Scan# 2603
Delta R.T. -0.00 min
Lab File: BG017887.D
Acq: 15 Jul 2015 16:01

Instrument :
BNA_G
ClientSampleId :
MDL-BLK-S-ML

Tgt Ion	Ratio	Lower	Upper
149	100		
150	0.0	8.2	12.2#
104	0.0	5.4	8.2#

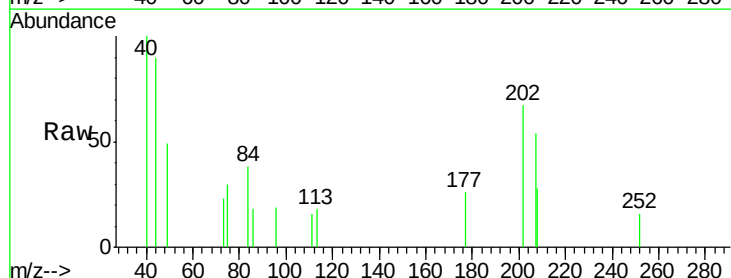


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

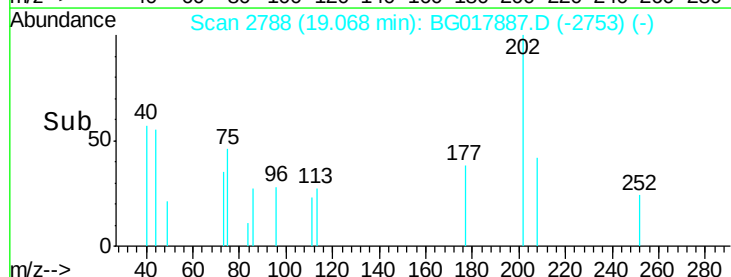
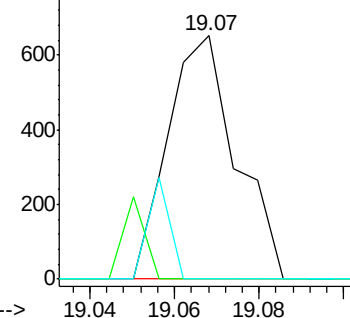


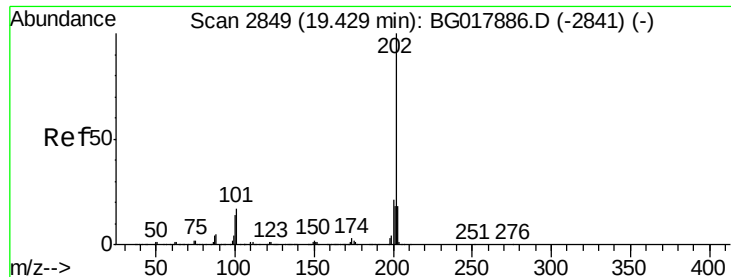
#76
Fluoranthene
Concen: 0.03 ng/ul
RT: 19.07 min Scan# 2788
Delta R.T. 0.00 min
Lab File: BG017887.D
Acq: 15 Jul 2015 16:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	0.0	12.3	18.5#
100	0.0	9.2	13.8#



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

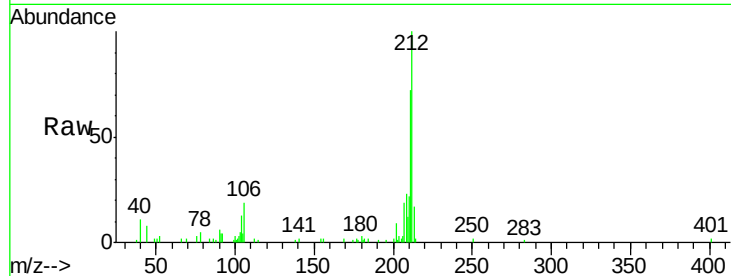




#79
Pyrene
Concen: 0.04 ng/ul
RT: 19.43 min Scan# 2849
Delta R.T. -0.00 min
Lab File: BG017887.D
Acq: 15 Jul 2015 16:01

Instrument :
BNA_G
ClientSampleId :
MDL-BLK-S-ML

Tgt Ion	Ratio	Lower	Upper
202	100		
101	0.0	13.8	20.6#
100	44.9	11.2	16.8#

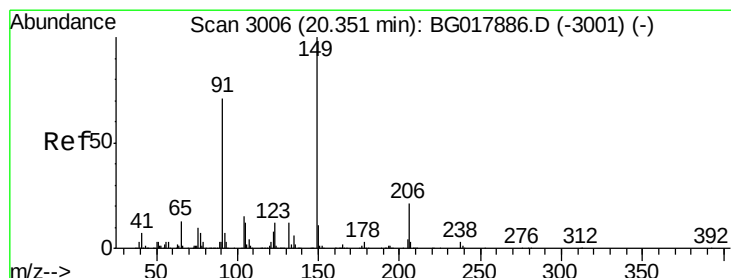
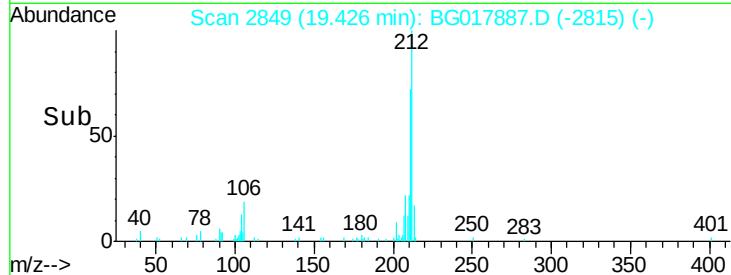
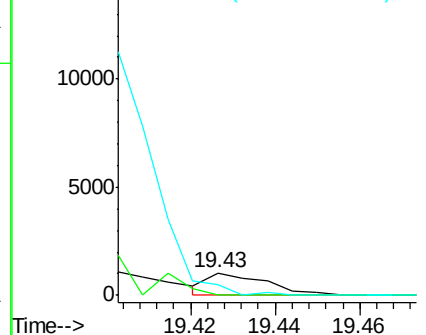


Abundance

Ion 202.00 (201.70 to 202.70): E

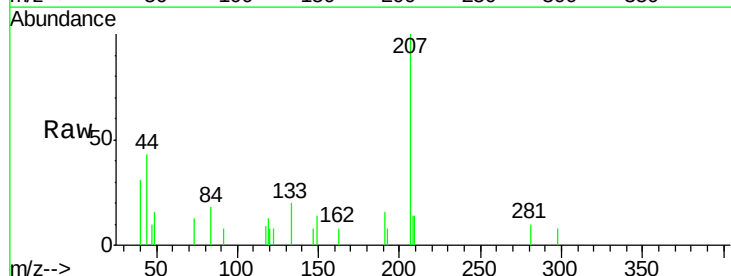
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#80
Butylbenzylphthalate
Concen: 0.03 ng/ul
RT: 20.35 min Scan# 3006
Delta R.T. -0.00 min
Lab File: BG017887.D
Acq: 15 Jul 2015 16:01

Tgt Ion	Ratio	Lower	Upper
149	100		
91	55.7	64.3	96.5#
206	0.0	15.3	22.9#

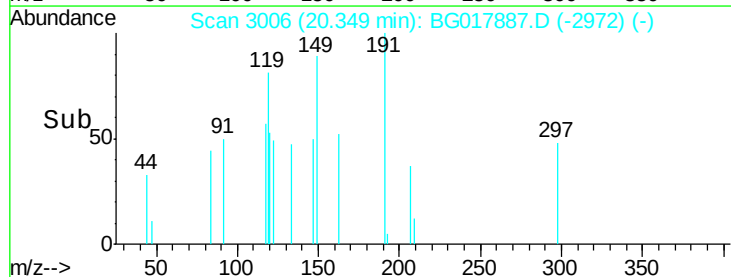
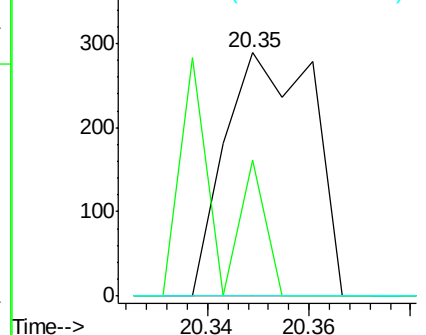


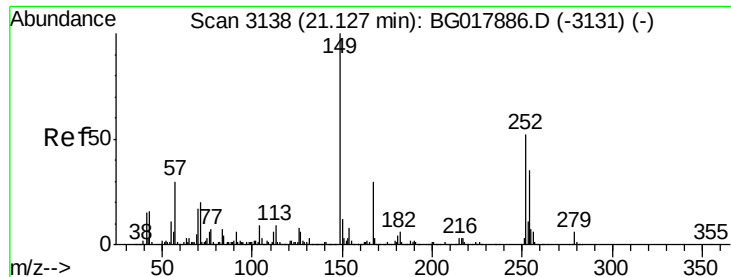
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E

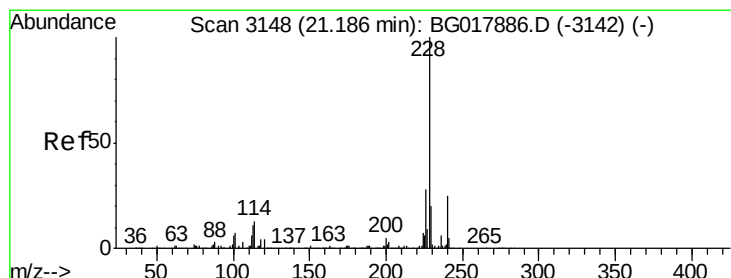
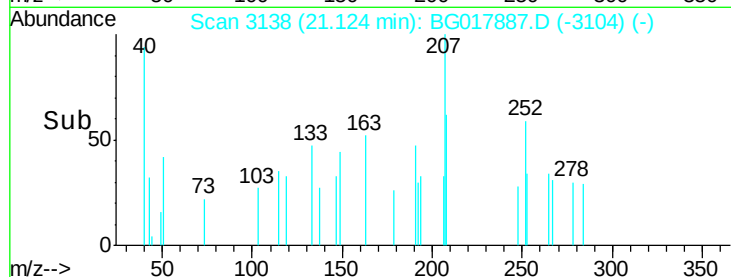
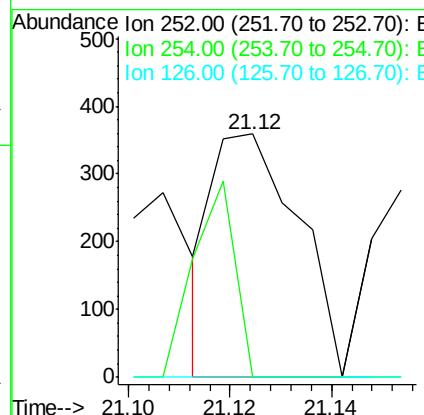
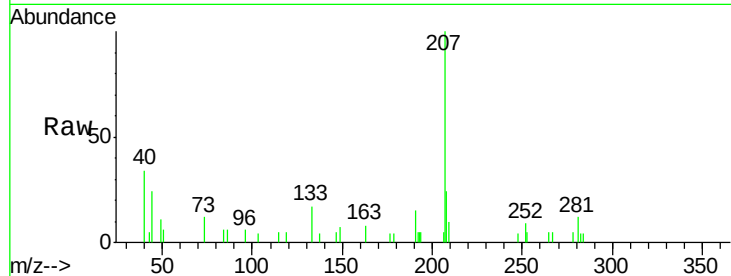




#81
 3,3'-Dichlorobenzidine
 Concen: 0.06 ng/ul
 RT: 21.12 min Scan# 3138
 Delta R.T. -0.00 min
 Lab File: BG017887.D
 Acq: 15 Jul 2015 16:01

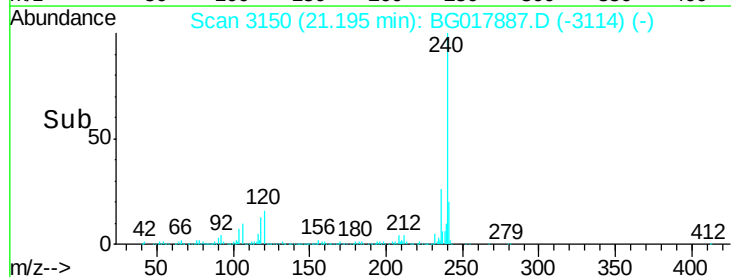
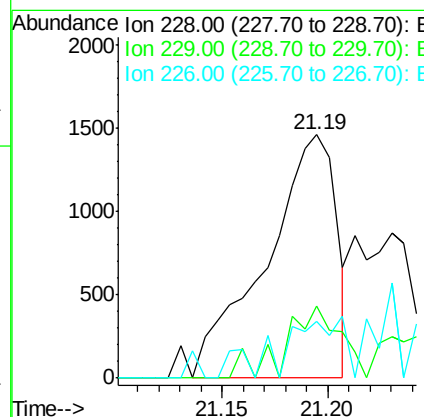
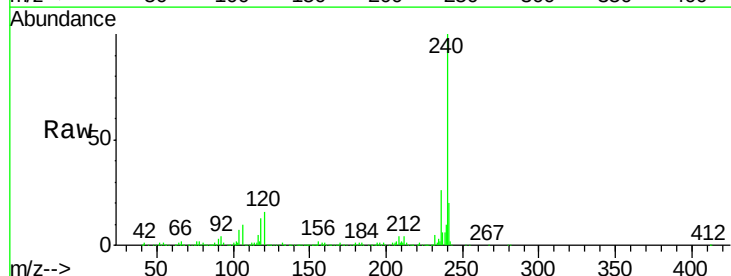
Instrument :
 BNA_G
 ClientSampleId :
 MDL-BLK-S-ML

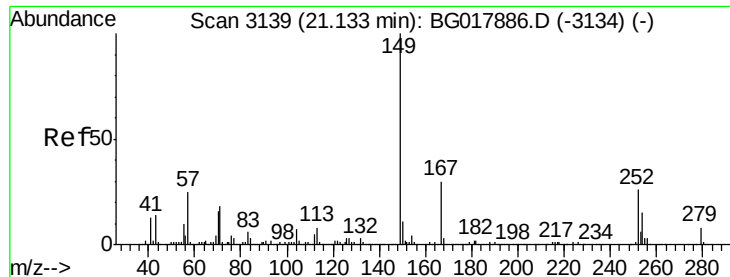
Tgt Ion:252 Resp: 418
 Ion Ratio Lower Upper
 252 100
 254 0.0 54.2 81.2#
 126 0.0 13.3 19.9#



#82
 Benzo(a)anthracene
 Concen: 0.14 ng/ul
 RT: 21.19 min Scan# 3150
 Delta R.T. 0.01 min
 Lab File: BG017887.D
 Acq: 15 Jul 2015 16:01

Tgt Ion:228 Resp: 3385
 Ion Ratio Lower Upper
 228 100
 229 29.4 16.5 24.7#
 226 23.5 22.0 33.0

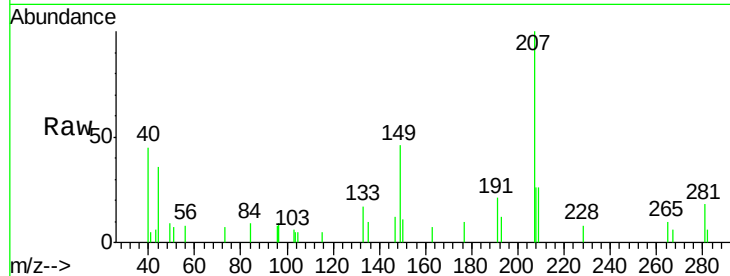




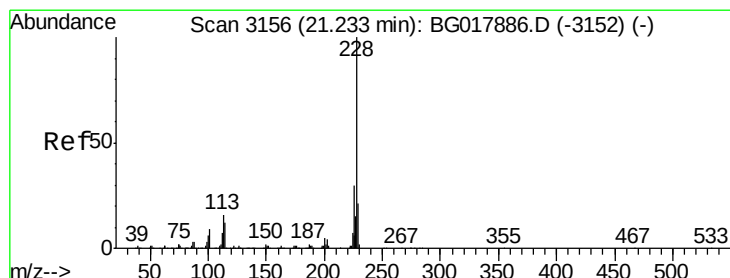
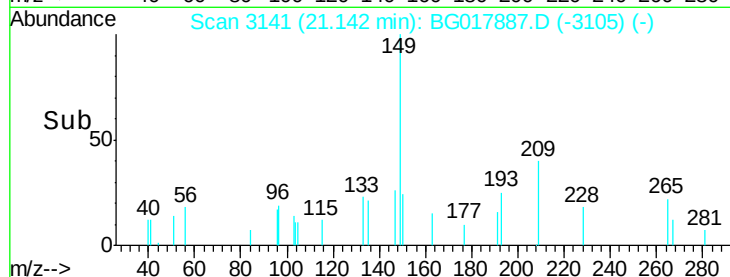
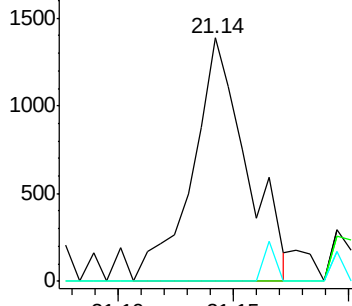
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.15 ng/ul
 RT: 21.14 min Scan# 3141
 Delta R.T. 0.01 min
 Lab File: BG017887.D
 Acq: 15 Jul 2015 16:01

Instrument :
 BNA_G
 ClientSampleId :
 MDL-BLK-S-ML

Tgt Ion:149 Resp: 2256
 Ion Ratio Lower Upper
 149 100
 167 0.0 22.9 34.3#
 279 0.0 5.8 8.6#

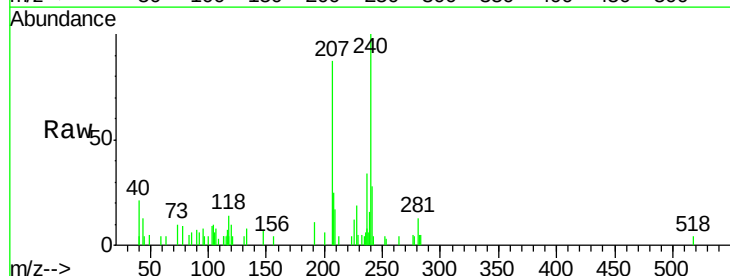


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

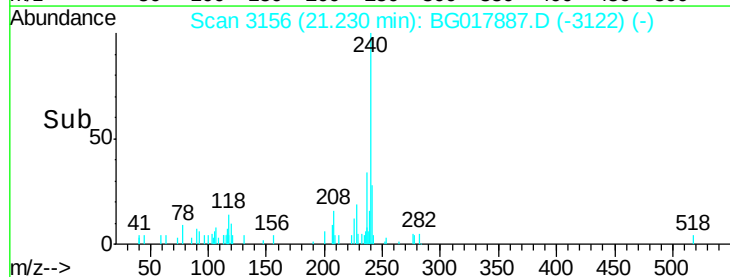
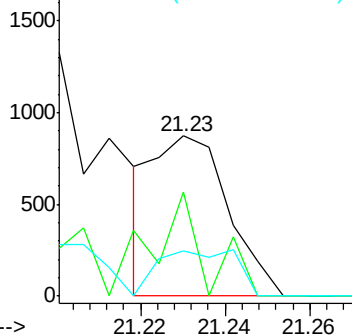


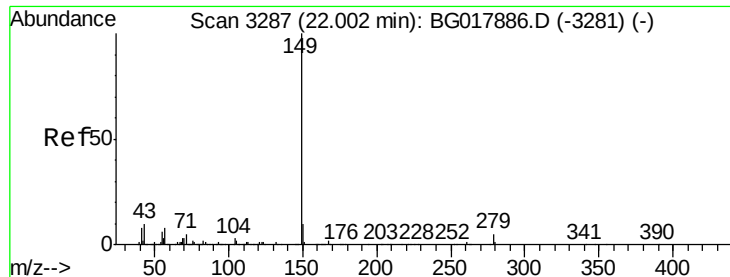
#84
 Chrysene
 Concen: 0.05 ng/ul
 RT: 21.23 min Scan# 3156
 Delta R.T. -0.00 min
 Lab File: BG017887.D
 Acq: 15 Jul 2015 16:01

Tgt Ion:228 Resp: 1065
 Ion Ratio Lower Upper
 228 100
 226 65.1 24.3 36.5#
 229 28.4 15.4 23.2#



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





#86

Di-n-octyl phthalate

Concen: 0.11 ng/ul

RT: 22.01 min Scan# 3289

Delta R.T. 0.01 min

Lab File: BG017887.D

Acq: 15 Jul 2015 16:01

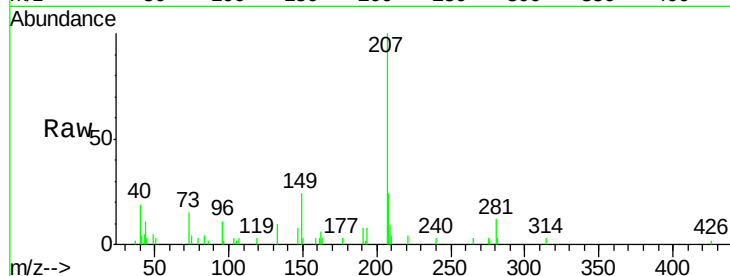
Instrument :

BNA_G

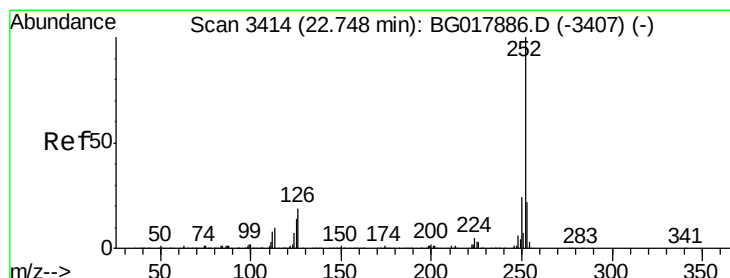
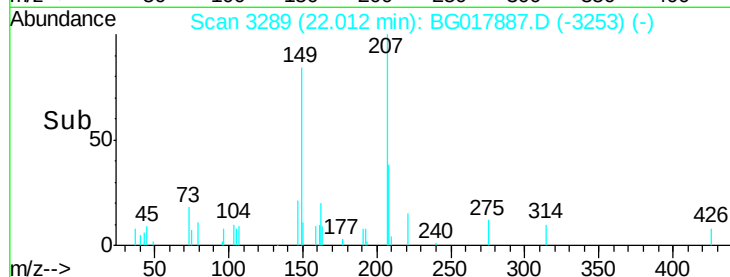
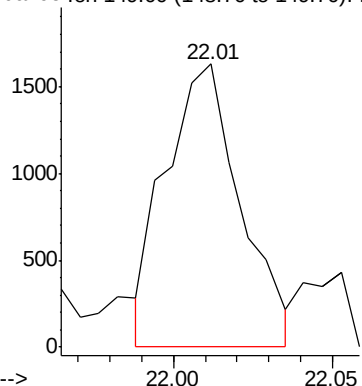
ClientSampleId :

MDL-BLK-S-ML

Tgt Ion:149 Resp: 2666



Abundance Ion 149.00 (148.70 to 149.70): E



#87

Benzo(b)fluoranthene

Concen: 0.02 ng/ul

RT: 22.77 min Scan# 3418

Delta R.T. 0.02 min

Lab File: BG017887.D

Acq: 15 Jul 2015 16:01

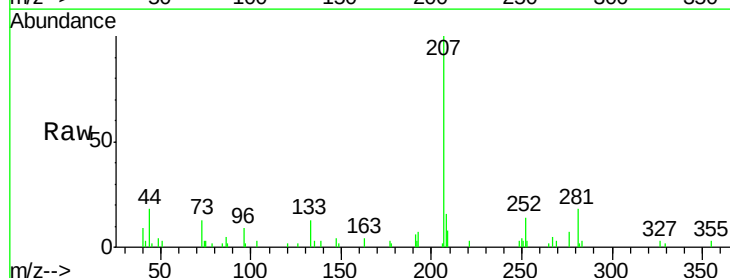
Tgt Ion:252 Resp: 357

Ion Ratio Lower Upper

252 100

253 19.1 17.6 26.4

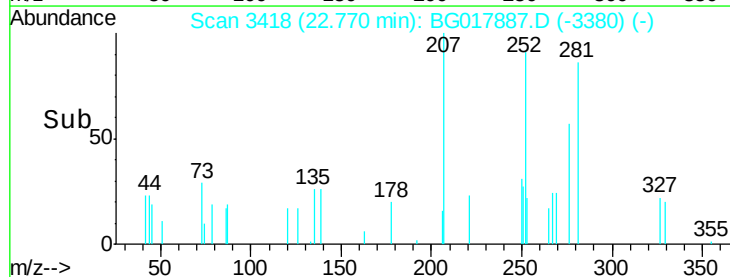
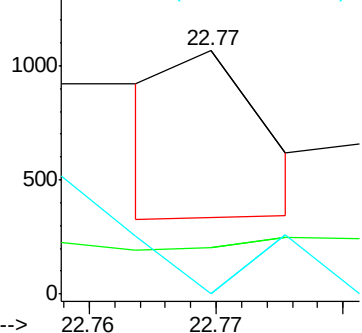
125 14.5 11.5 17.3

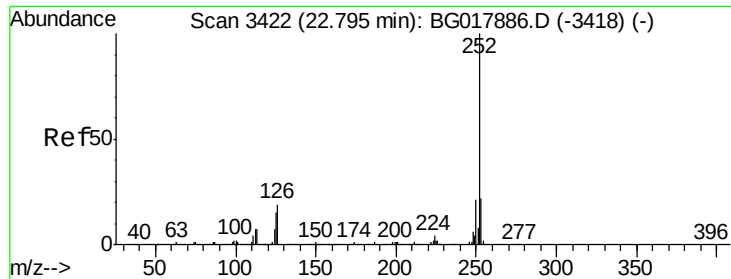


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 0.01 ng/ul

RT: 22.77 min Scan# 3418

Delta R.T. -0.03 min

Lab File: BG017887.D

Acq: 15 Jul 2015 16:01

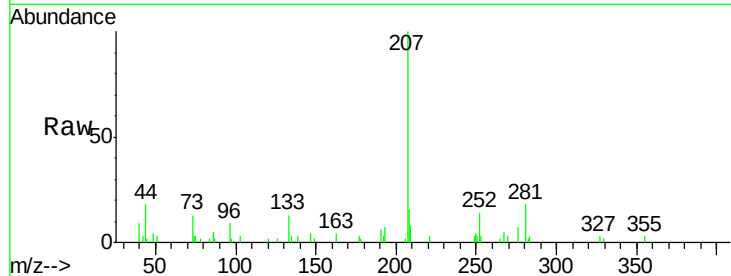
Instrument :

BNA_G

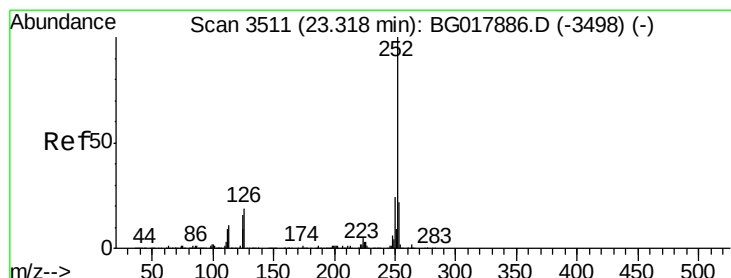
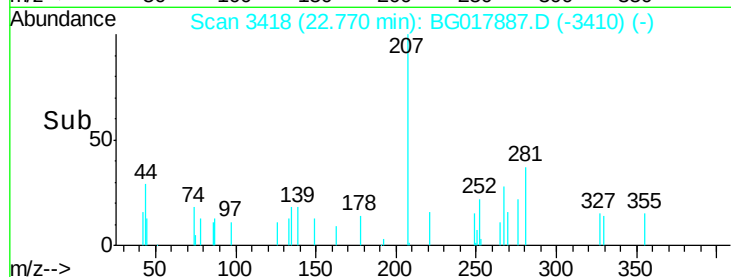
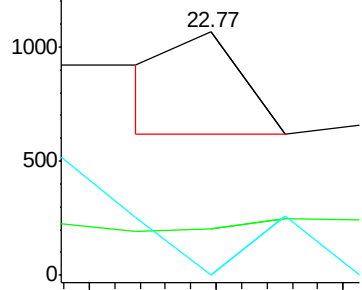
ClientSampleId :

MDL-BLK-S-ML

Tgt Ion:	252	Resp:	157
Ion	Ratio	Lower	Upper
252	100		
253	19.1	17.4	26.0
125	14.5	13.1	19.7



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

Benzo(a)pyrene

Concen: 0.06 ng/ul

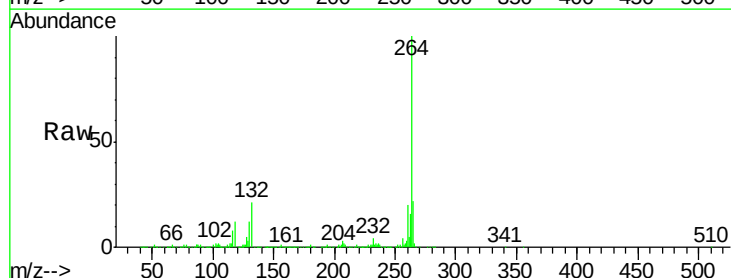
RT: 23.28 min Scan# 3505

Delta R.T. -0.04 min

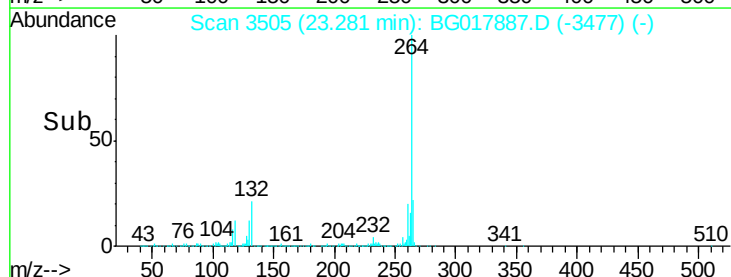
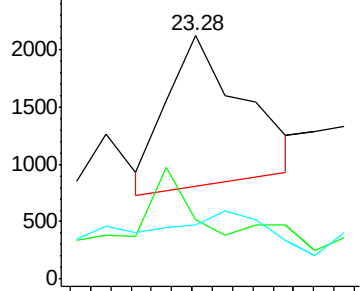
Lab File: BG017887.D

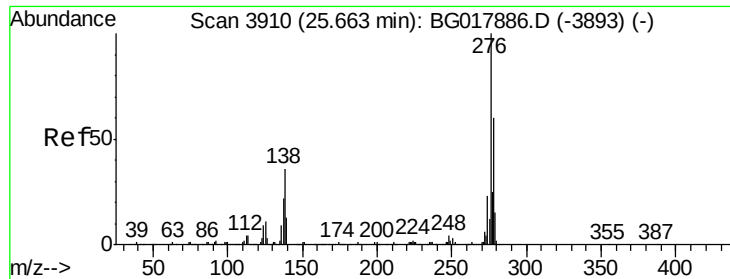
Acq: 15 Jul 2015 16:01

Tgt Ion:	252	Resp:	1385
Ion	Ratio	Lower	Upper
252	100		
253	24.5	16.6	25.0
125	22.0	11.8	17.8#



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





#91

Indeno(1,2,3-cd)pyrene

Concen: 0.04 ng/ul

RT: 25.65 min Scan# 3909

Delta R.T. -0.01 min

Lab File: BG017887.D

Acq: 15 Jul 2015 16:01

Instrument :

BNA_G

ClientSampleId :

MDL-BLK-S-ML

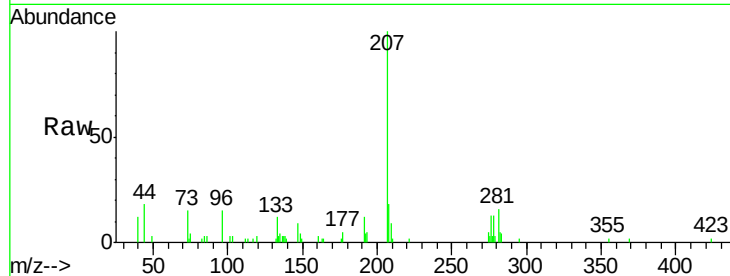
Tgt Ion:276 Resp: 1028

Ion Ratio Lower Upper

276 100

138 20.7 29.4 44.0#

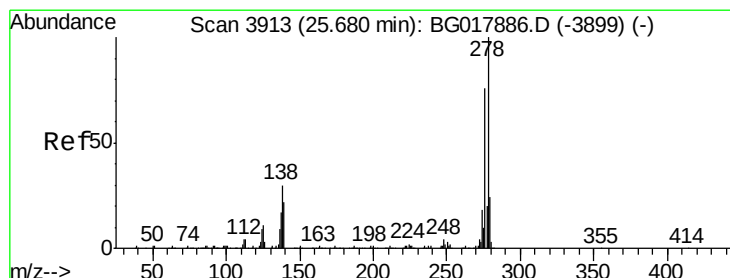
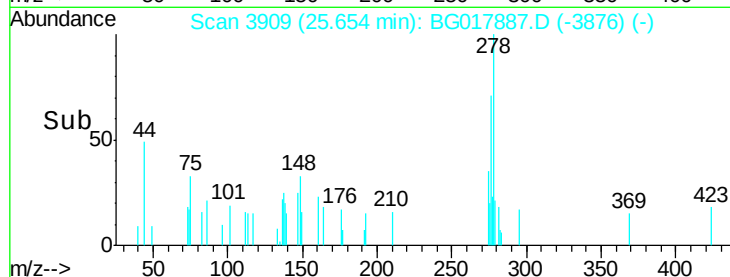
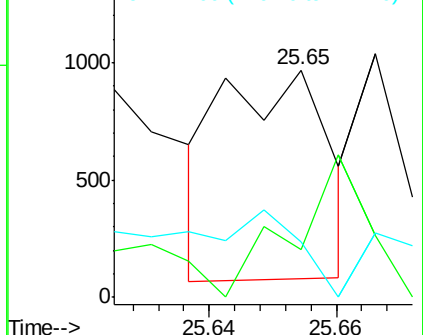
277 24.3 20.7 31.1



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



#92

Dibenzo(a,h)anthracene

Concen: 0.04 ng/ul

RT: 25.68 min Scan# 3913

Delta R.T. -0.00 min

Lab File: BG017887.D

Acq: 15 Jul 2015 16:01

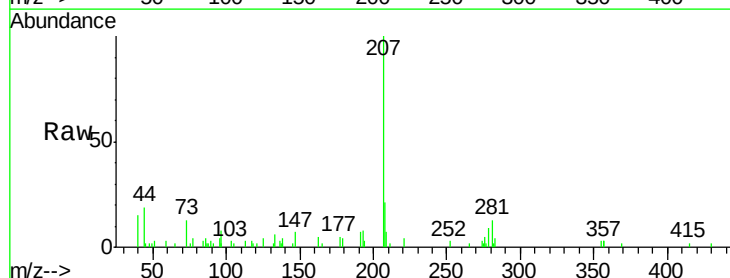
Tgt Ion:278 Resp: 853

Ion Ratio Lower Upper

278 100

139 0.0 18.4 27.6#

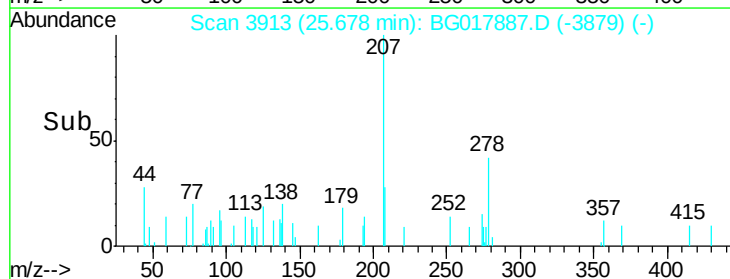
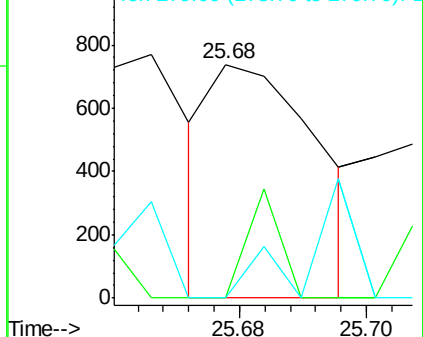
279 0.0 19.4 29.0#

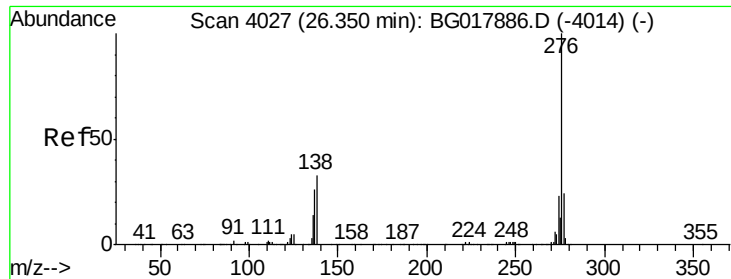


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#93

Benzo(g,h,i)perylene

Concen: 0.04 ng/ul

RT: 26.31 min Scan# 4021

Delta R.T. -0.04 min

Lab File: BG017887.D

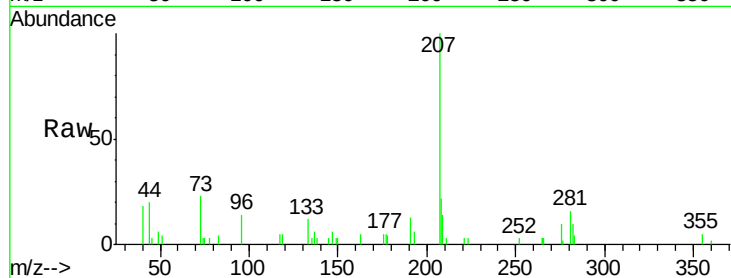
Acq: 15 Jul 2015 16:01

Instrument :

BNA_G

ClientSampleId :

MDL-BLK-S-ML



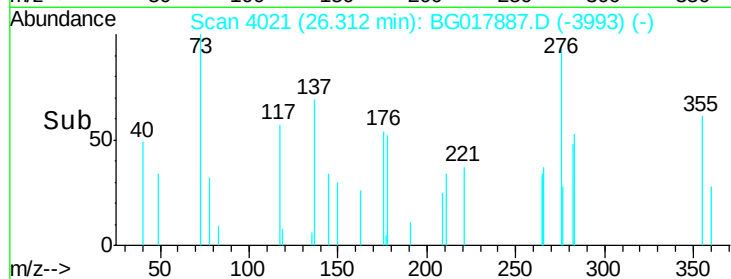
Tgt Ion: 276 Resp: 799

Ion Ratio Lower Upper

276 100

138 25.1 22.2 33.4

277 22.6 18.4 27.6



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

