

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060616\
 Data File : BG022184.D
 Acq On : 7 Jun 2016 1:10
 Operator : UM/SJ
 Sample : H3402-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-17

Quant Time: Jun 07 03:24:07 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 16:12:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	26678	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	116900	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	74502	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	174432	20.00	ng	0.00
75) Chrysene-d12	21.76	240	182810	20.00	ng	0.00
86) Perylene-d12	25.06	264	178414	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	247570	179.42	ng	0.00
7) Phenol-d6	7.28	99	350879	161.74	ng	0.00
23) Nitrobenzene-d5	9.29	82	180990	107.94	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	136465	162.10	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	464757	95.07	ng	0.00
78) Terphenyl-d14	20.08	244	756637	98.26	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	208	0.31	ng	# 1
4) n-Nitrosodimethylamine	3.80	42	61	0.15	ng	# 1
6) Aniline	7.65	93	260	0.09	ng	# 1
9) Benzaldehyde	7.29	77	244	0.20	ng	# 7
10) Phenol	7.31	94	1448	0.65	ng	# 60
11) bis(2-Chloroethyl)ether	7.65	93	260	0.15	ng	# 1
15) Benzyl Alcohol	8.44	79	2605	1.86	ng	# 48
24) Nitrobenzene	9.28	77	191	0.11	ng	# 43
25) Isophorone	9.85	82	399	0.10	ng	# 67
31) Naphthalene	11.02	128	62	0.01	ng	# 71
45) 1,1'-Biphenyl	13.36	154	660	0.12	ng	# 1
49) Dimethylphthalate	14.19	163	144097	23.33	ng	# 99
50) 2,6-Dinitrotoluene	14.20	165	1427	1.06	ng	# 31
51) Acenaphthene	14.75	154	122	0.03	ng	# 4
59) Diethylphthalate	15.55	149	357	0.05	ng	# 60
62) Azobenzene	16.23	77	587	0.12	ng	# 1
65) n-Nitrosodiphenylamine	16.23	169	4729	0.94	ng	# 39
70) Phenanthrene	17.53	178	1906	0.20	ng	# 82
71) Anthracene	17.63	178	166	0.02	ng	# 61
73) Di-n-butylphthalate	18.44	149	2307	0.20	ng	# 90
74) Fluoranthene	19.54	202	2613	0.24	ng	# 90
77) Pyrene	19.90	202	2232	0.20	ng	# 85
79) Butylbenzylphthalate	20.85	149	64	0.01	ng	# 23
80) Benzo(a)anthracene	21.75	228	2091	0.20	ng	# 59
82) Chrysene	21.82	228	1009	0.10	ng	# 48
83) Bis(2-ethylhexyl)phthalate	21.62	149	2136	0.28	ng	# 96
84) Di-n-octyl phthalate	22.86	149	294	0.02	ng	# 1
85) Indeno(1,2,3-cd)pyrene	28.84	276	55	0.00	ng	# 54
87) Benzo(b)fluoranthene	24.03	252	1469	0.14	ng	# 60
88) Benzo(k)fluoranthene	24.09	252	477	0.05	ng	# 59
89) Benzo(a)pyrene	24.91	252	675	0.07	ng	# 60
91) Benzo(g,h,i)perylene	30.03	276	129	0.01	ng	# 53

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QLast Update : Mon Jun 06 16:12:45 2016
Response via : Initial Calibration

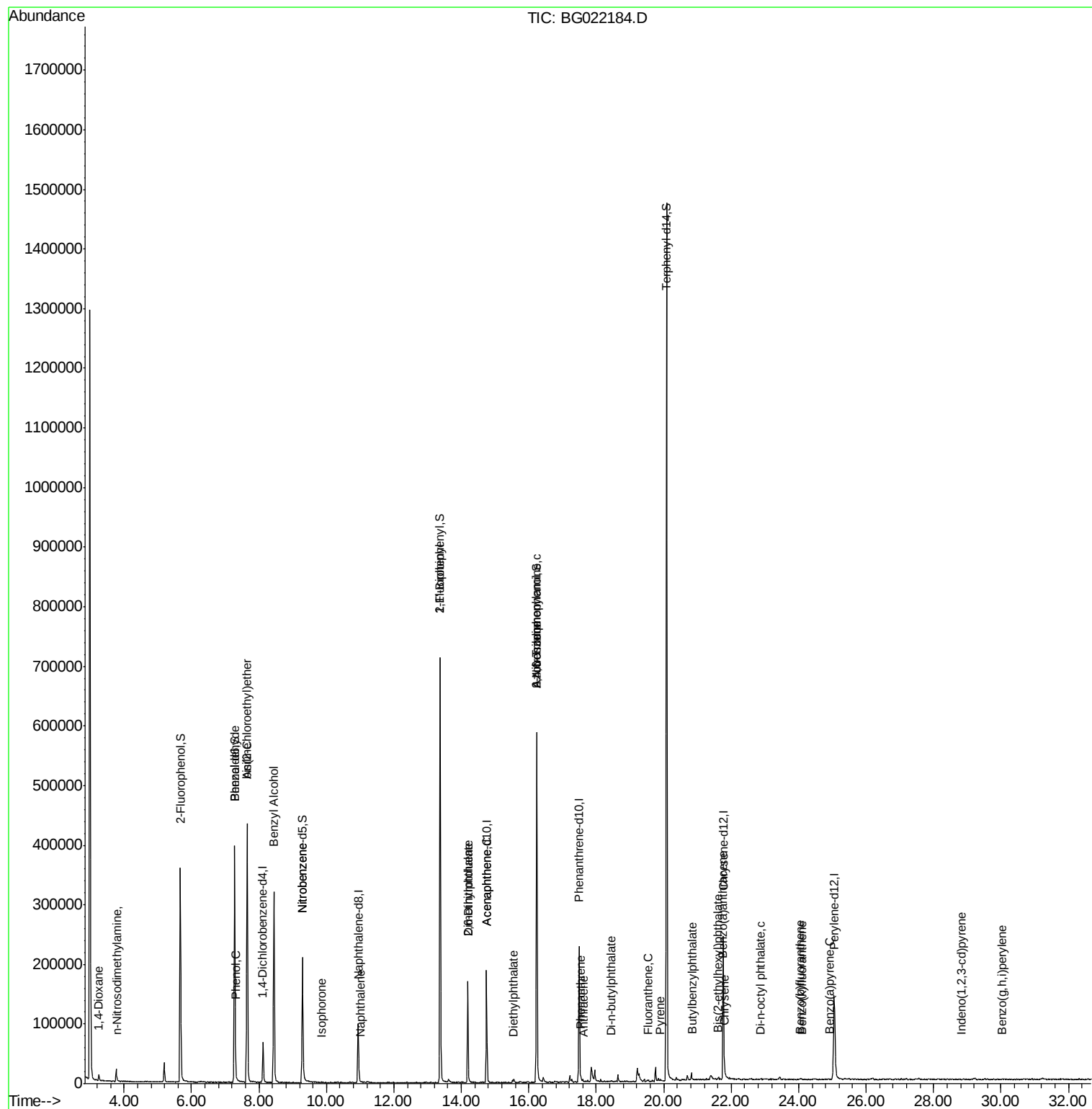
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

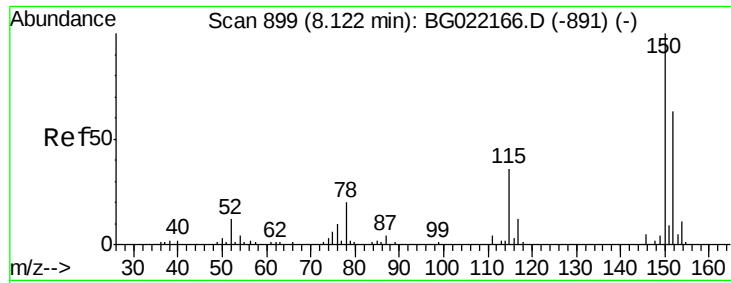
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.00 min

Lab File: BG022184.D

Acq: 7 Jun 2016 1:10

Instrument :

BNA_G

ClientSampleId :

SB-17

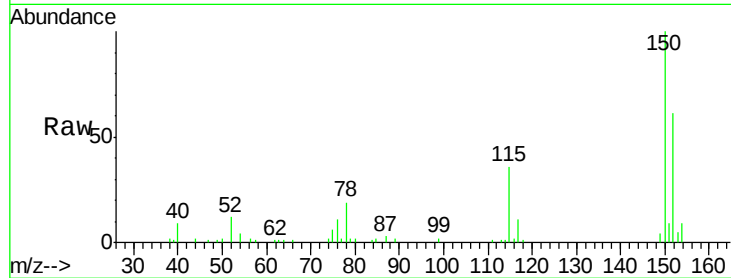
Tgt Ion:152 Resp: 26678

Ion Ratio Lower Upper

152 100

150 163.5 130.1 195.1

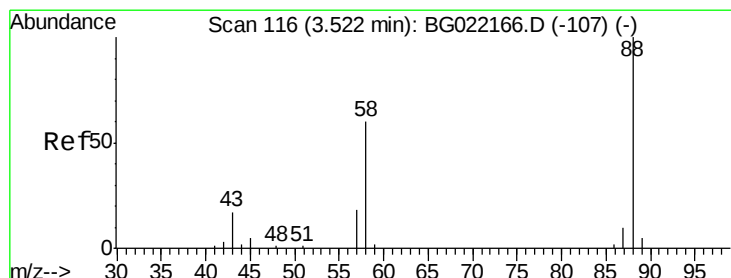
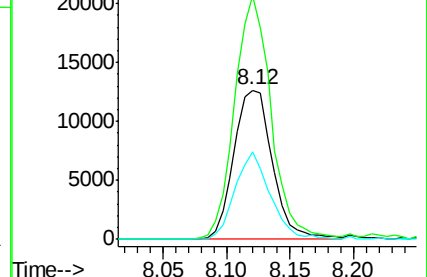
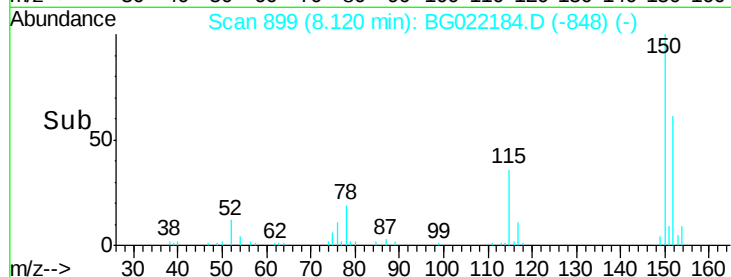
115 58.5 62.2 93.2#



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: 0.31 ng

RT: 3.24 min Scan# 69

Delta R.T. -0.28 min

Lab File: BG022184.D

Acq: 7 Jun 2016 1:10

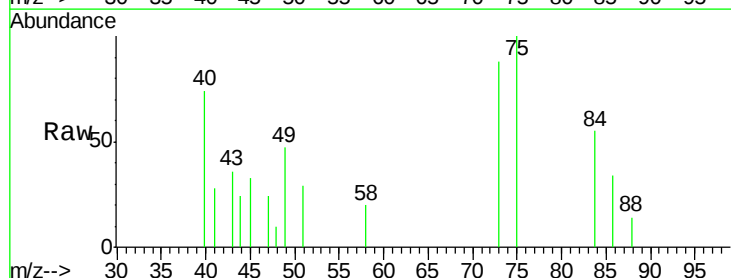
Tgt Ion: 88 Resp: 208

Ion Ratio Lower Upper

88 100

58 48.1 36.8 55.2

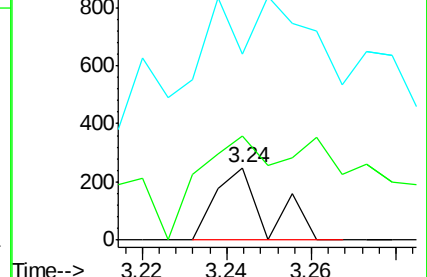
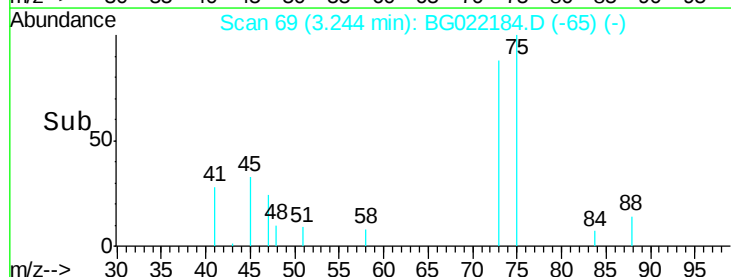
43 326.0 10.4 15.6#

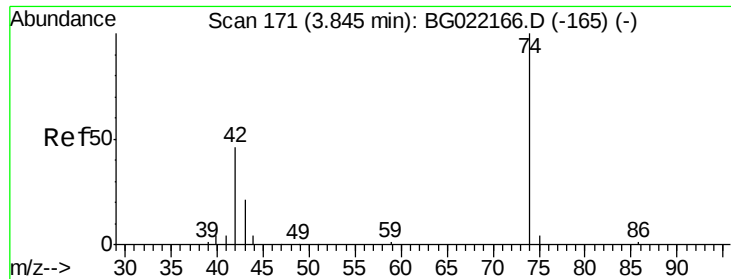


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#4

n-Nitrosodimethylamine

Concen: 0.15 ng

RT: 3.80 min Scan# 164

Delta R.T. -0.04 min

Lab File: BG022184.D

Acq: 7 Jun 2016 1:10

Instrument :

BNA_G

ClientSampleId :

SB-17

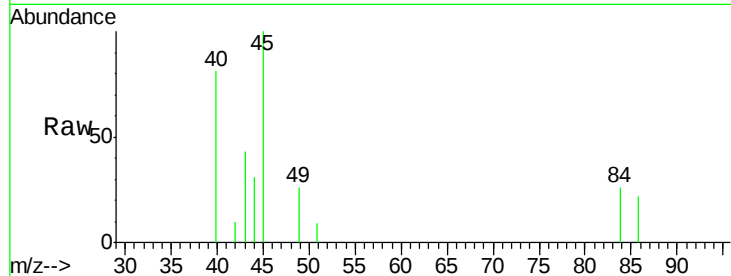
Tgt Ion: 42 Resp: 61

Ion Ratio Lower Upper

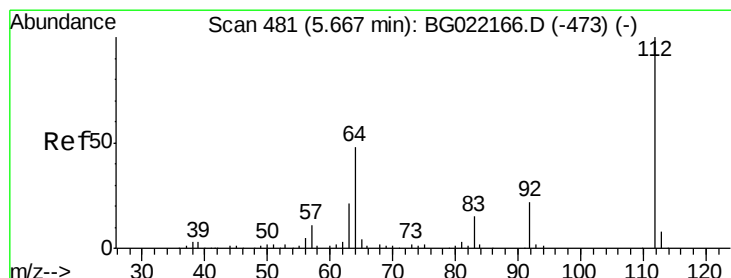
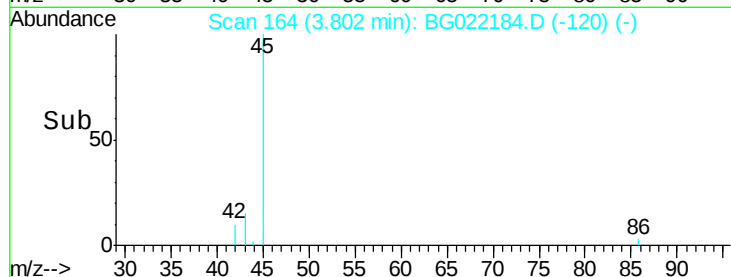
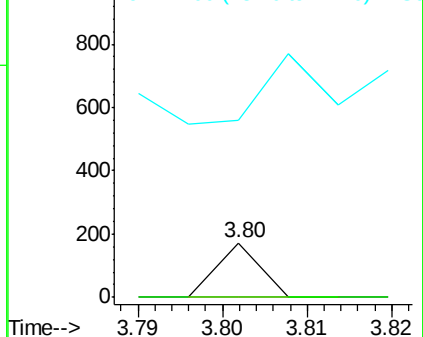
42 100

74 0.0 184.0 276.0#

44 323.7 11.0 16.6#



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: 179.42 ng

RT: 5.67 min Scan# 482

Delta R.T. 0.00 min

Lab File: BG022184.D

Acq: 7 Jun 2016 1:10

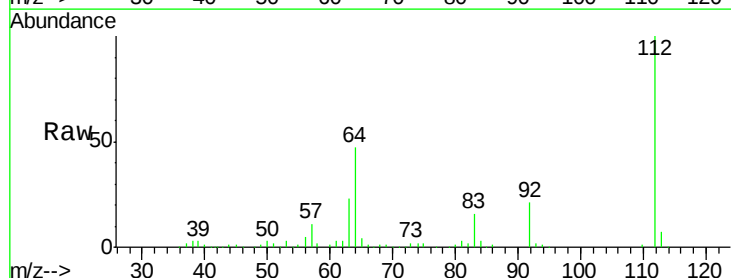
Tgt Ion: 112 Resp: 247570

Ion Ratio Lower Upper

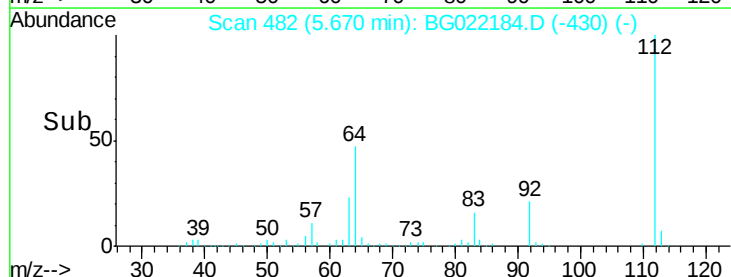
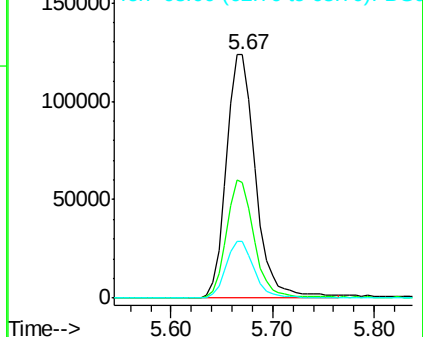
112 100

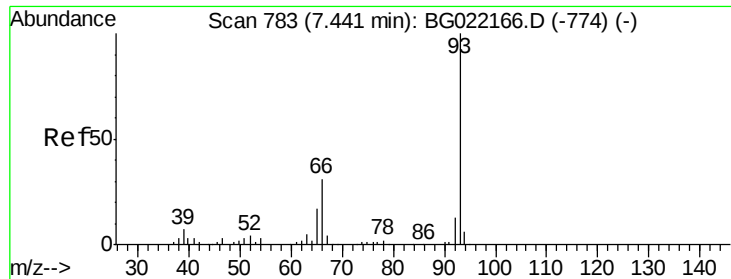
64 47.5 51.1 76.7#

63 23.3 24.6 37.0#



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: 0.09 ng

RT: 7.65 min Scan# 819

Delta R.T. 0.21 min

Lab File: BG022184.D

Acq: 7 Jun 2016 1:10

Instrument :

BNA_G

ClientSampleId :

SB-17

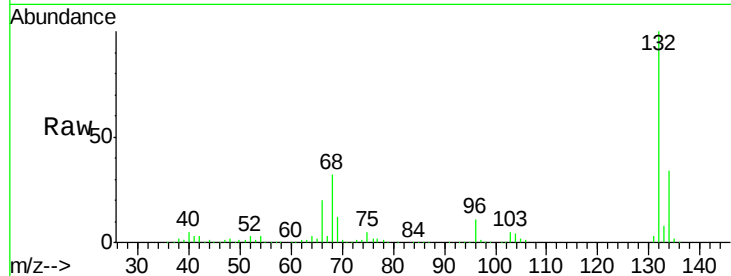
Tgt Ion: 93 Resp: 260

Ion Ratio Lower Upper

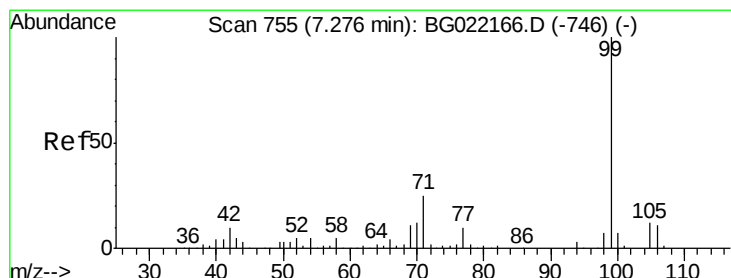
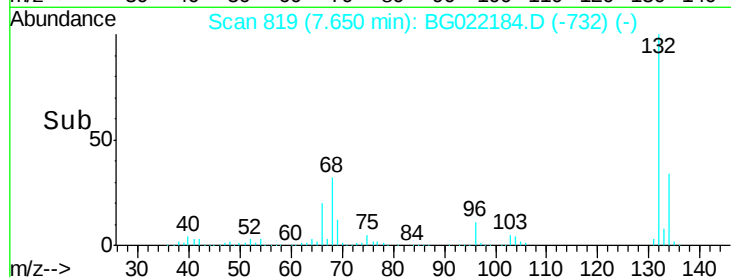
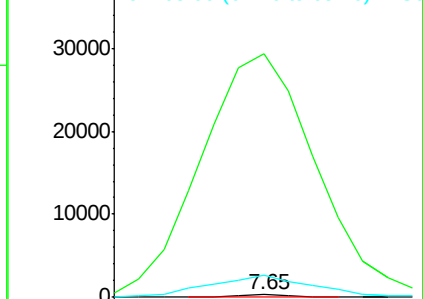
93 100

66 9776.0 36.3 54.5#

65 896.3 18.4 27.6#



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: 161.74 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG022184.D

Acq: 7 Jun 2016 1:10

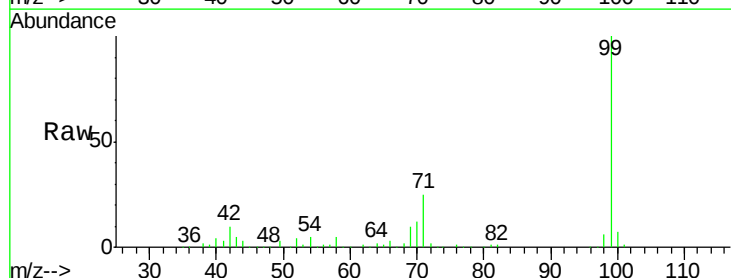
Tgt Ion: 99 Resp: 350879

Ion Ratio Lower Upper

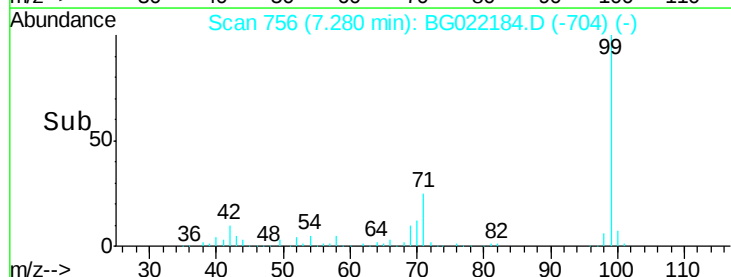
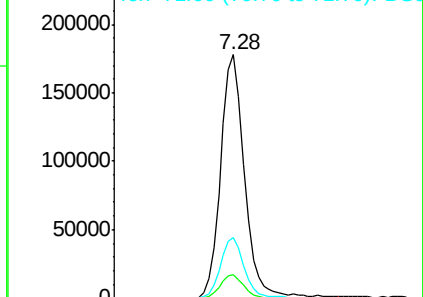
99 100

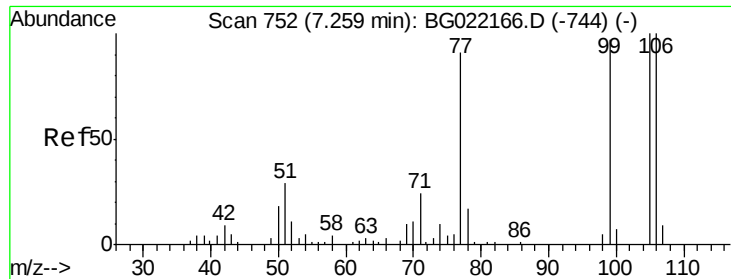
42 9.6 16.4 24.6#

71 24.7 25.0 37.4#



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





#9

Benzaldehyde

Concen: 0.20 ng

RT: 7.29 min Scan# 757

Delta R.T. 0.03 min

Lab File: BG022184.D

Acq: 7 Jun 2016 1:10

Instrument :

BNA_G

ClientSampled :

SB-17

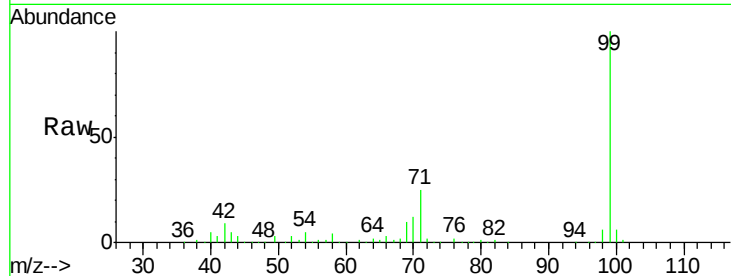
Tgt Ion: 77 Resp: 244

Ion Ratio Lower Upper

77 100

105 0.0 62.1 102.1#

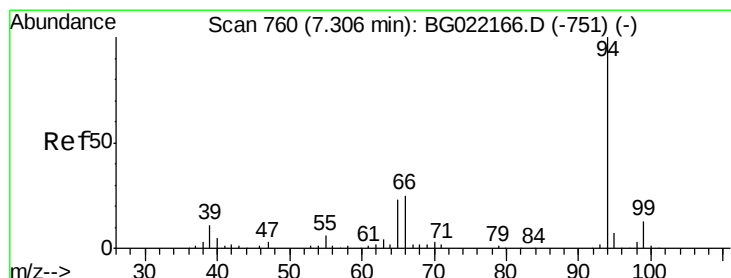
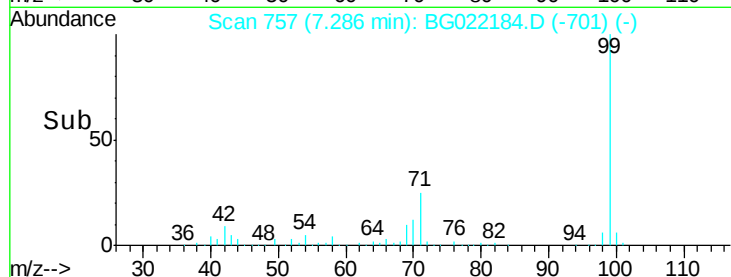
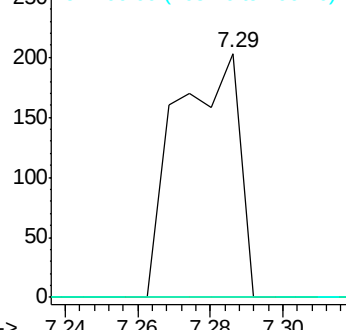
106 0.0 65.6 105.6#



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: 0.65 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG022184.D

Acq: 7 Jun 2016 1:10

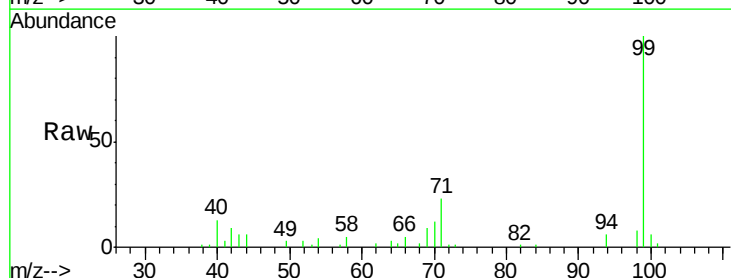
Tgt Ion: 94 Resp: 1448

Ion Ratio Lower Upper

94 100

65 32.8 9.8 49.8

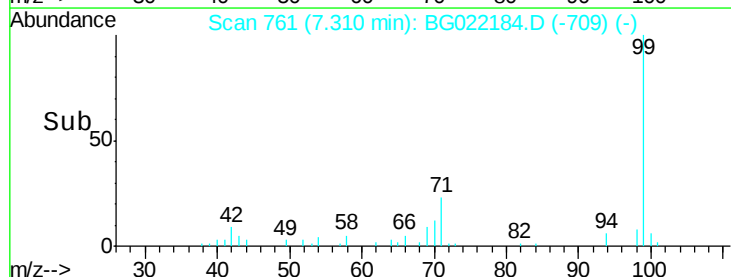
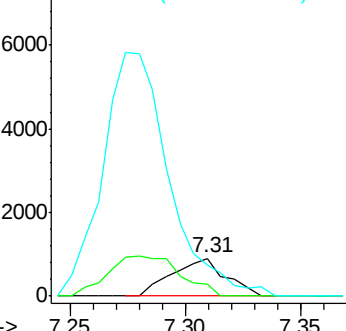
66 81.2 20.8 60.8#

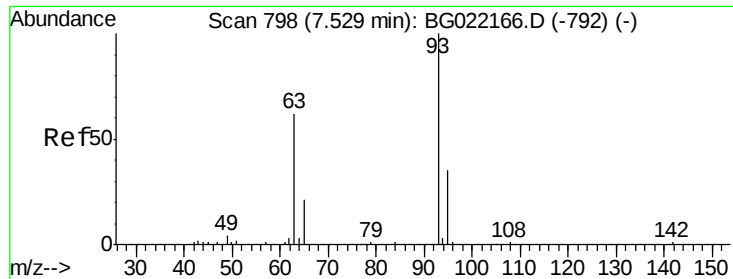


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

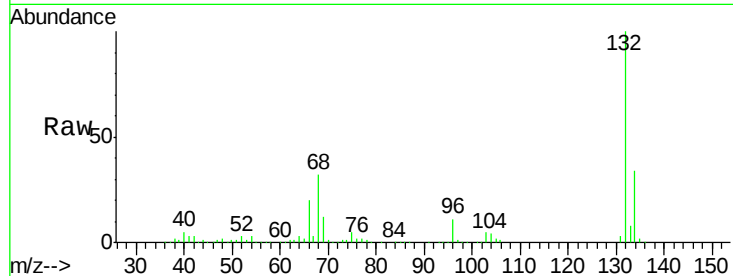




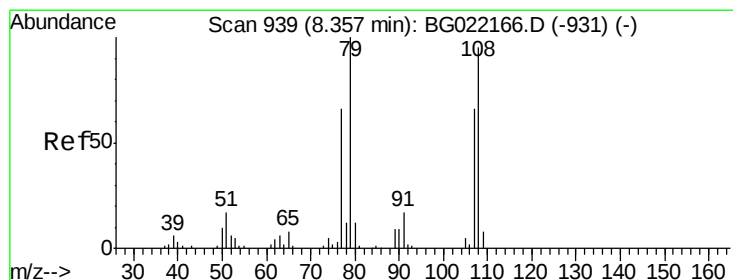
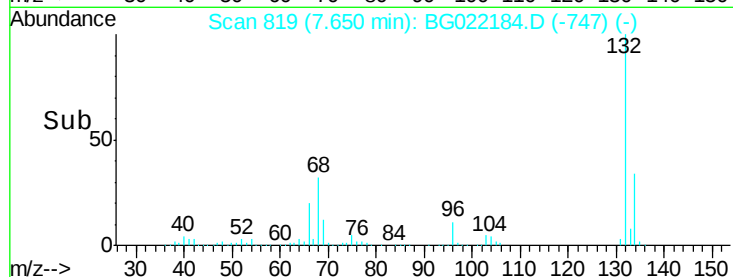
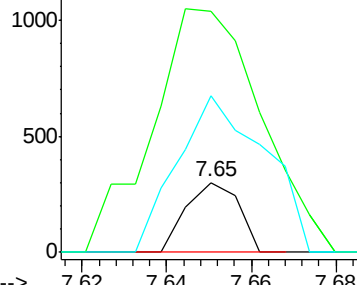
#11
bis(2-Chloroethyl)ether
Concen: 0.15 ng
RT: 7.65 min Scan# 819
Delta R.T. 0.12 min
Lab File: BG022184.D
Acq: 7 Jun 2016 1:10

Instrument :
BNA_G
ClientSampleId :
SB-17

Tgt Ion: 93 Resp: 260
Ion Ratio Lower Upper
93 100
63 347.3 74.9 114.9#
95 224.7 8.3 48.3#

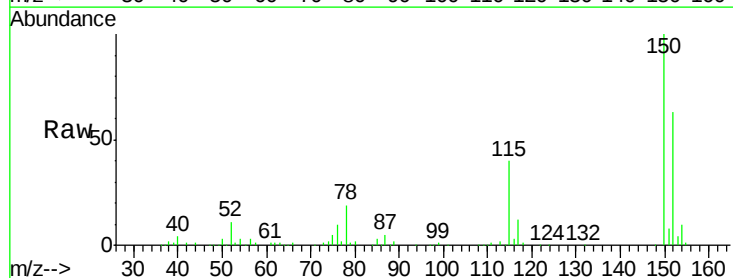


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

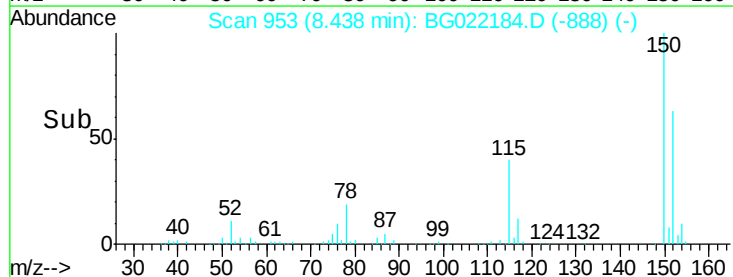
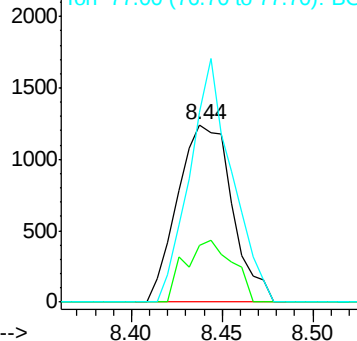


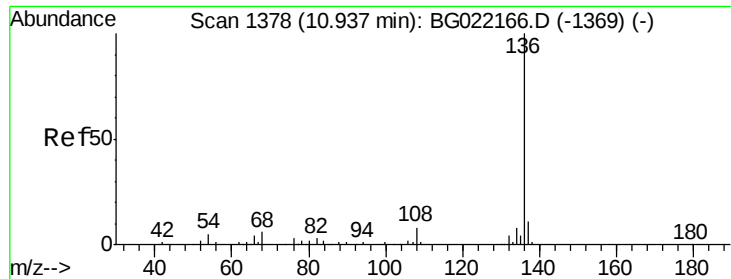
#15
Benzyl Alcohol
Concen: 1.86 ng
RT: 8.44 min Scan# 953
Delta R.T. 0.08 min
Lab File: BG022184.D
Acq: 7 Jun 2016 1:10

Tgt Ion: 79 Resp: 2605
Ion Ratio Lower Upper
79 100
108 31.7 59.4 89.0#
77 107.5 52.2 78.2#



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

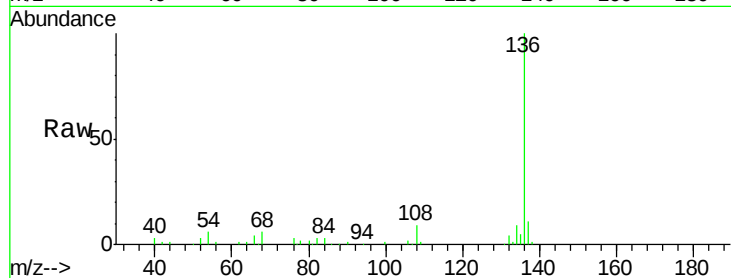




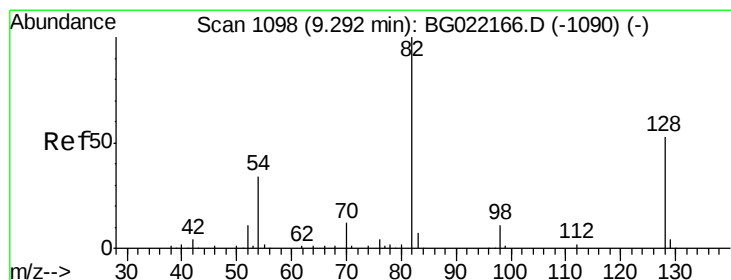
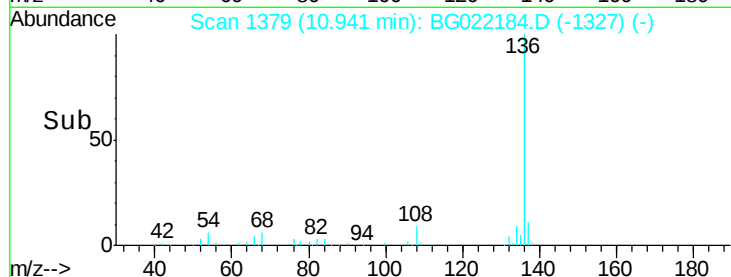
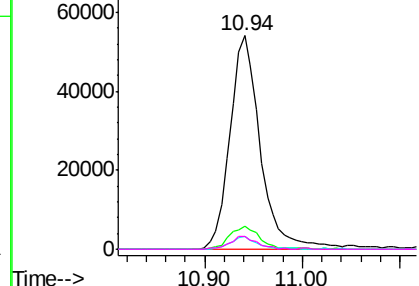
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BG022184.D
Acq: 7 Jun 2016 1:10

Instrument :
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Tgt Ion:	136	Resp:	116900
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.0	9.6	14.4#
68	5.8	6.4	9.6#

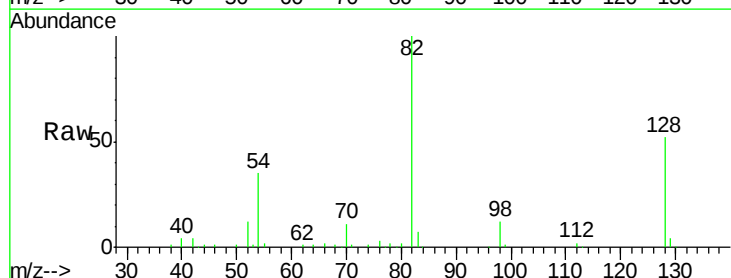


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

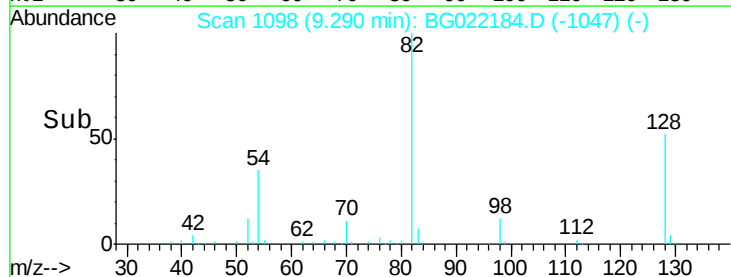
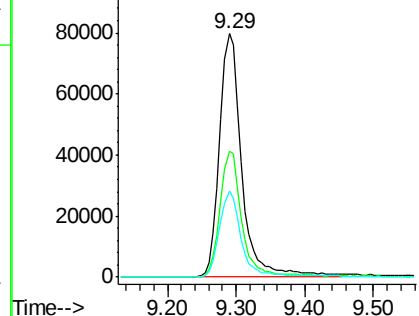


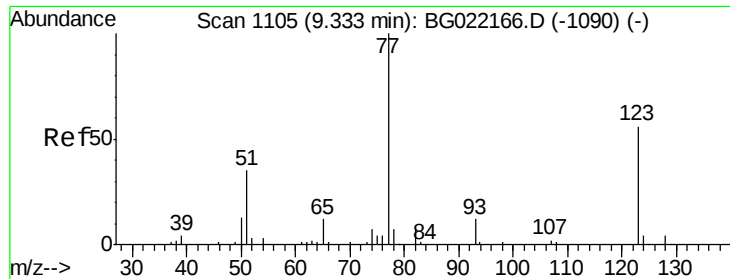
#23
Nitrobenzene-d5
Concen: 107.94 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BG022184.D
Acq: 7 Jun 2016 1:10

Tgt Ion:	82	Resp:	180990
Ion	Ratio	Lower	Upper
82	100		
128	51.6	33.4	50.0#
54	35.5	46.1	69.1#



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

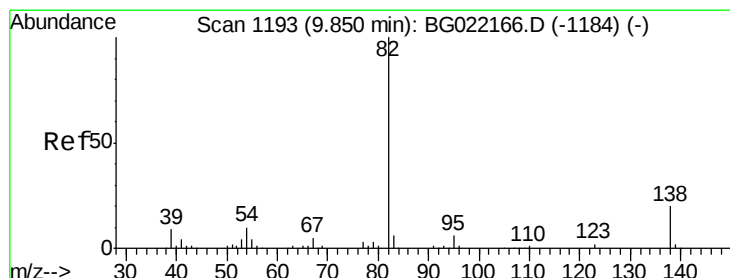
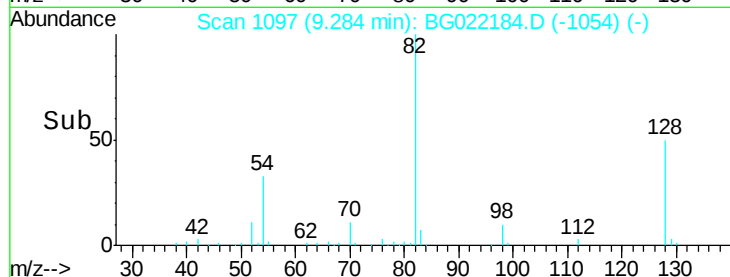
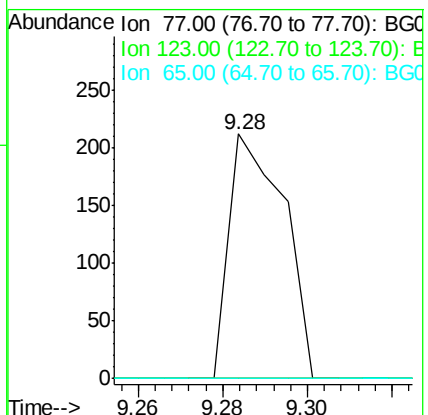
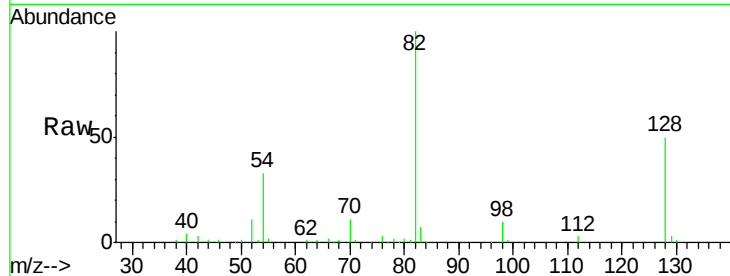




#24
Nitrobenzene
Concen: 0.11 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.05 min
Lab File: BG022184.D
Acq: 7 Jun 2016 1:10

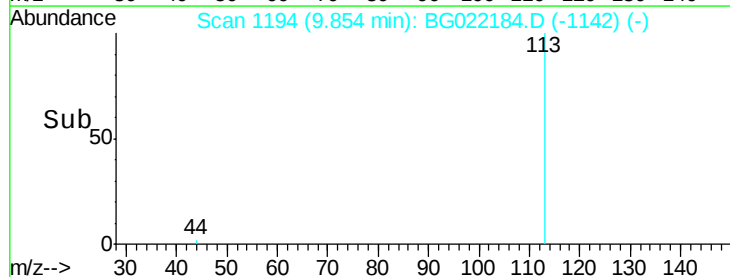
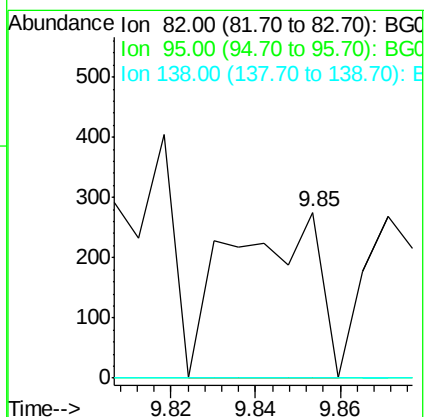
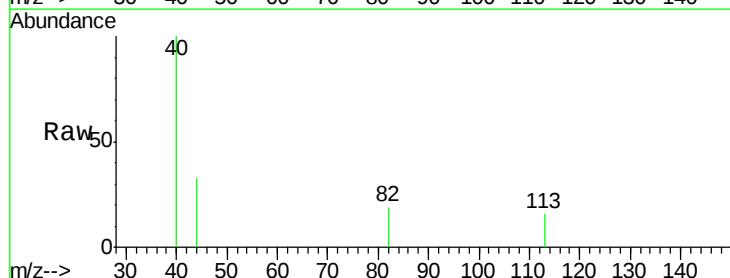
Instrument :
BNA_G
ClientSampleId :
SB-17

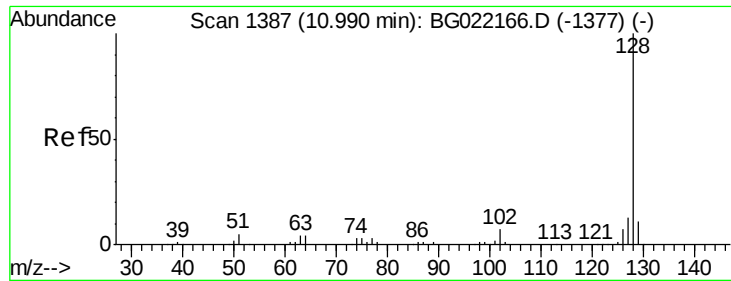
Tgt Ion: 77 Resp: 191
Ion Ratio Lower Upper
77 100
123 0.0 32.2 48.4#
65 0.0 10.3 15.5#



#25
Isophorone
Concen: 0.10 ng
RT: 9.85 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BG022184.D
Acq: 7 Jun 2016 1:10

Tgt Ion: 82 Resp: 399
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 13.4 20.0#

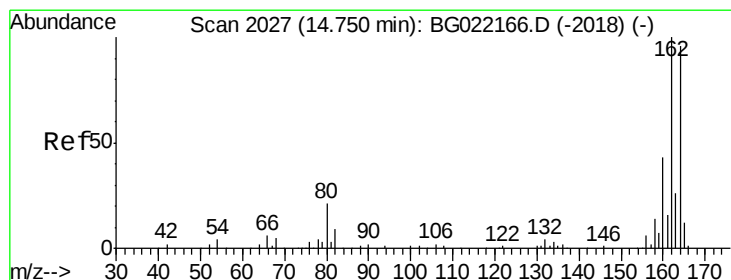
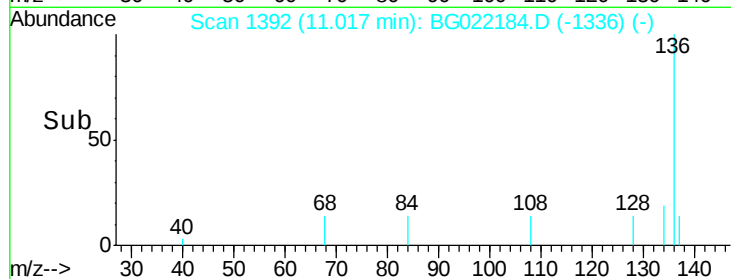
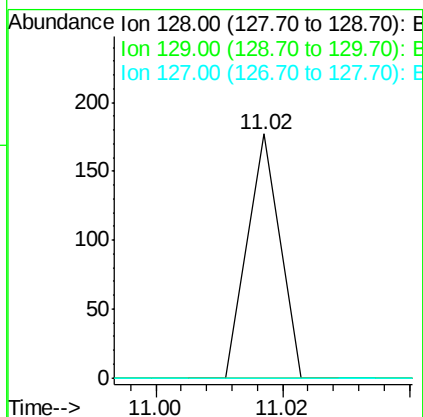
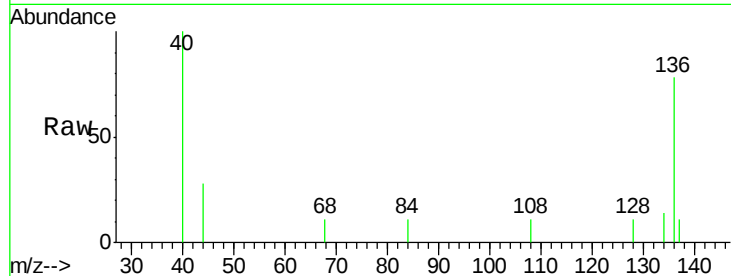




#31
Naphthalene
Concen: 0.01 ng
RT: 11.02 min Scan# 1392
Delta R.T. 0.03 min
Lab File: BG022184.D
Acq: 7 Jun 2016 1:10

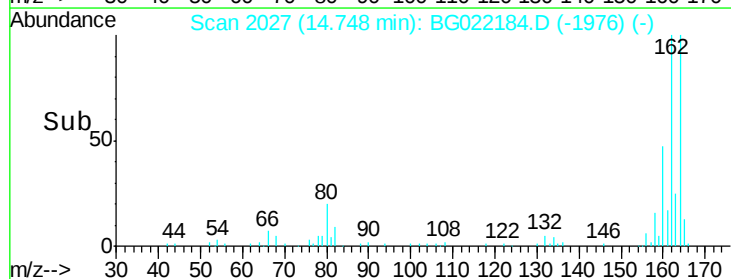
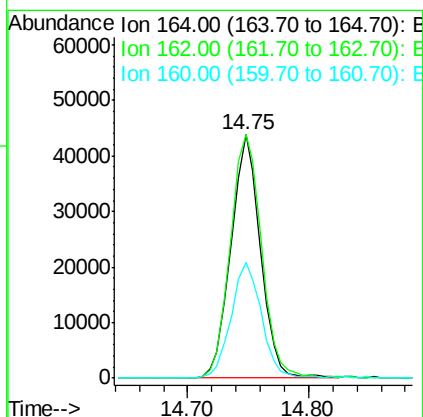
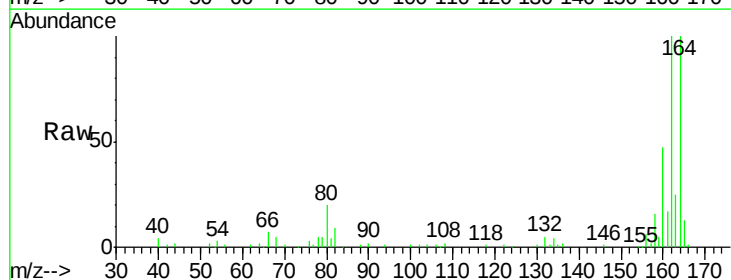
Instrument :
BNA_G
ClientSampleId :
SB-17

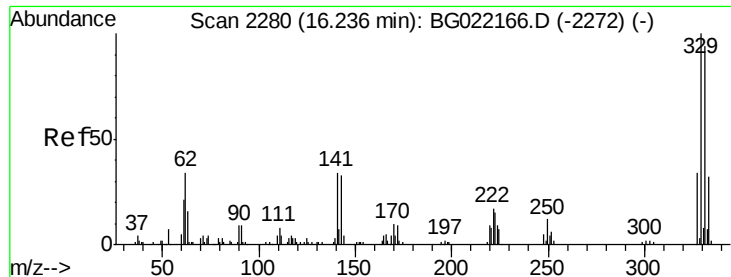
Tgt Ion:128 Resp: 62
Ion Ratio Lower Upper
128 100
129 0.0 7.0 10.6#
127 0.0 10.1 15.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BG022184.D
Acq: 7 Jun 2016 1:10

Tgt Ion:164 Resp: 74502
Ion Ratio Lower Upper
164 100
162 100.1 78.0 117.0
160 47.4 32.9 49.3

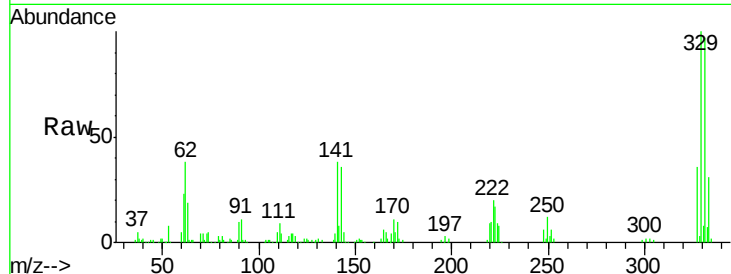




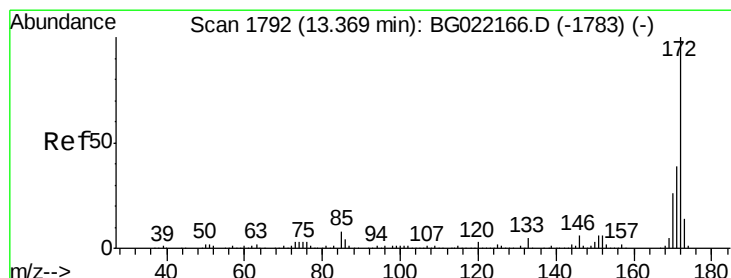
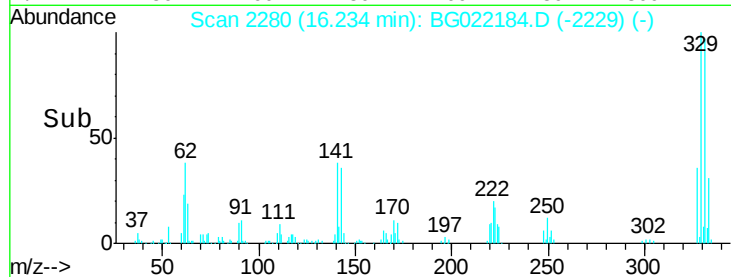
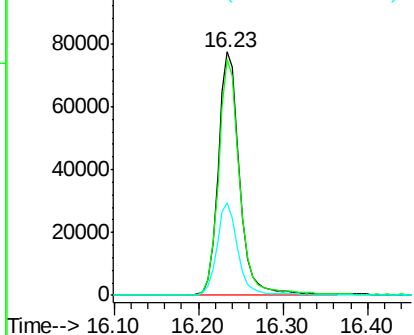
#41
 2,4,6-Tribromophenol
 Concen: 162.10 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BG022184.D
 Acq: 7 Jun 2016 1:10

Instrument :
 BNA_G
 ClientSampleId :
 SB-17

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.1		78.0	117.0
141	37.4		33.8	50.8

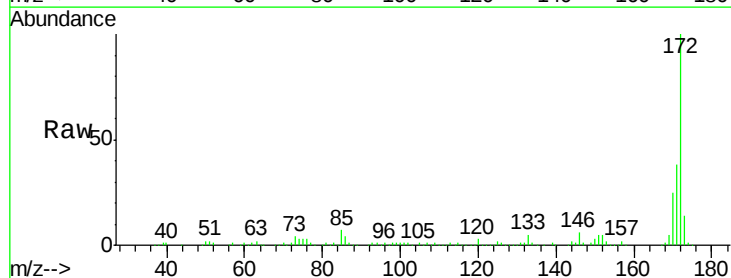


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

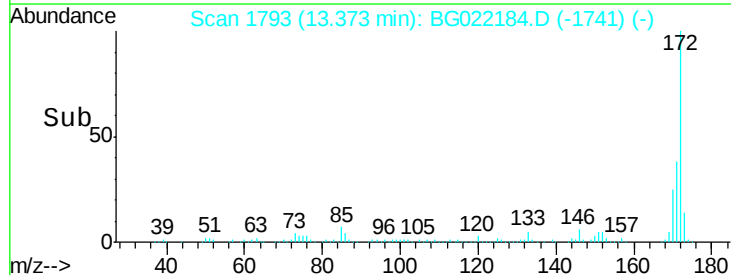
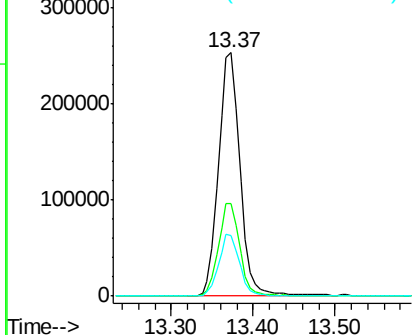


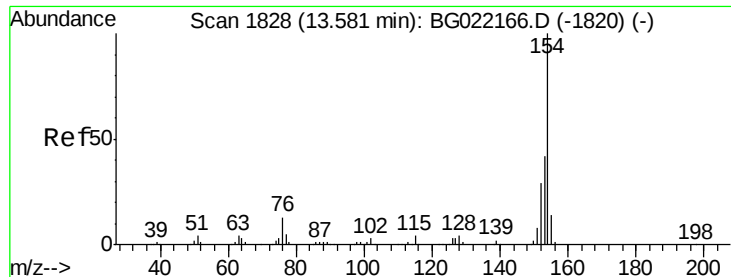
#44
 2-Fluorobiphenyl
 Concen: 95.07 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BG022184.D
 Acq: 7 Jun 2016 1:10

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	37.8		27.8	41.6
170	25.1		19.6	29.4



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

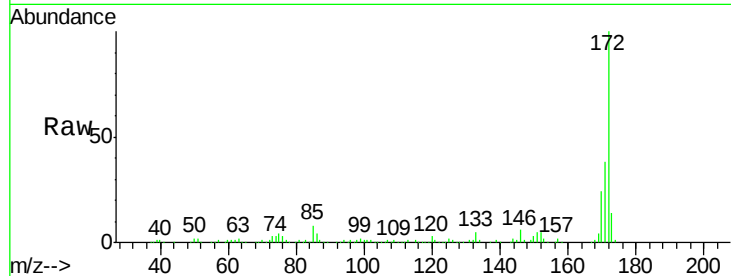




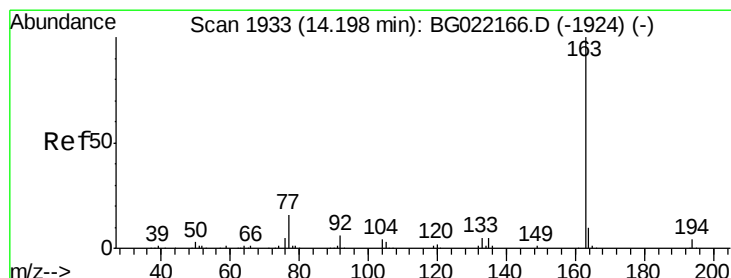
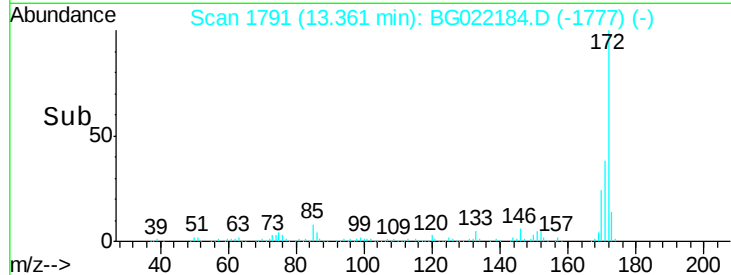
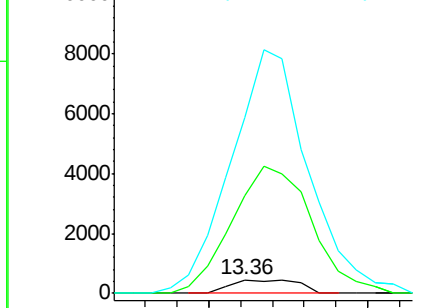
#45
1,1'-Biphenyl
Concen: 0.12 ng
RT: 13.36 min Scan# 1791
Delta R.T. -0.22 min
Lab File: BG022184.D
Acq: 7 Jun 2016 1:10

Instrument :
BNA_G
ClientSampled :
SB-17

Tgt Ion:154 Resp: 660
Ion Ratio Lower Upper
154 100
153 728.1 19.7 59.7#
76 1304.2 0.0 33.0#

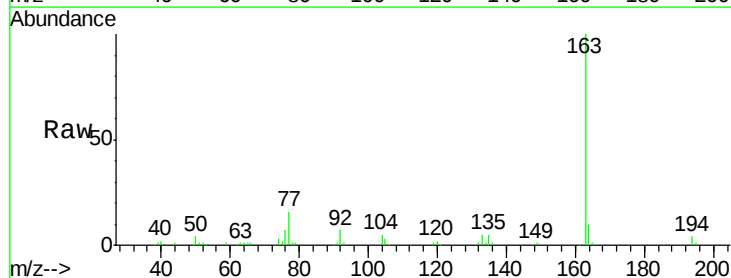


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC

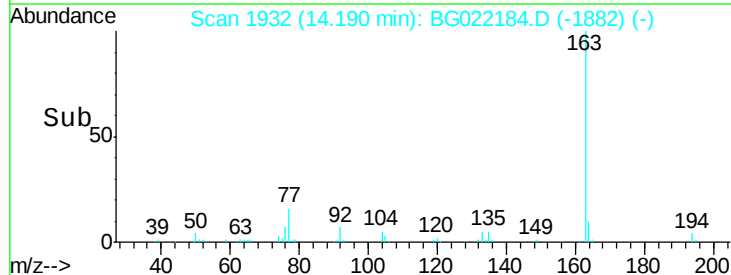
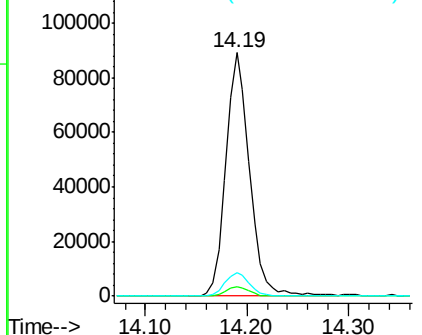


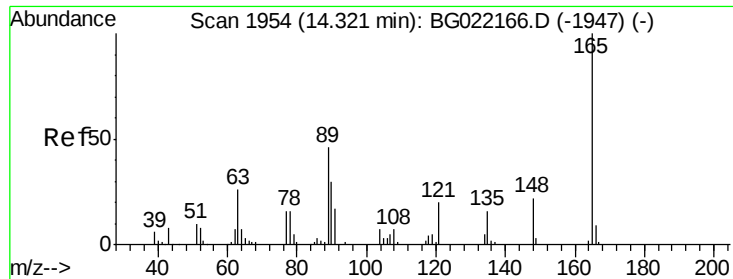
#49
Dimethylphthalate
Concen: 23.33 ng
RT: 14.19 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BG022184.D
Acq: 7 Jun 2016 1:10

Tgt Ion:163 Resp: 144097
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 9.8 8.1 12.1



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

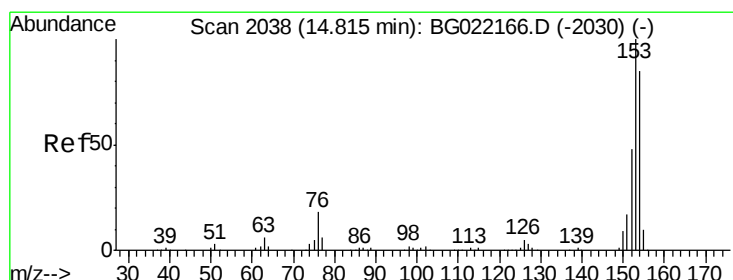
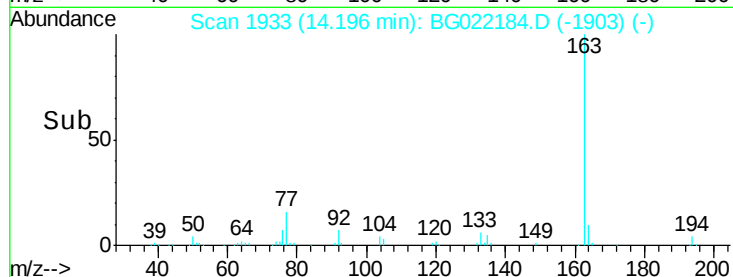
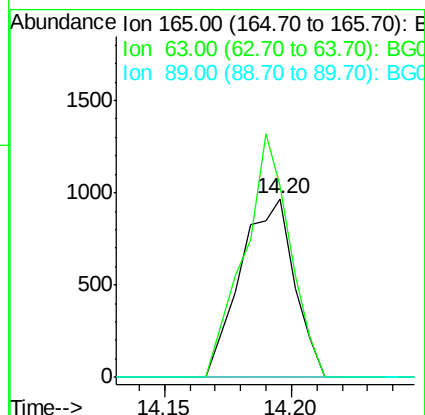
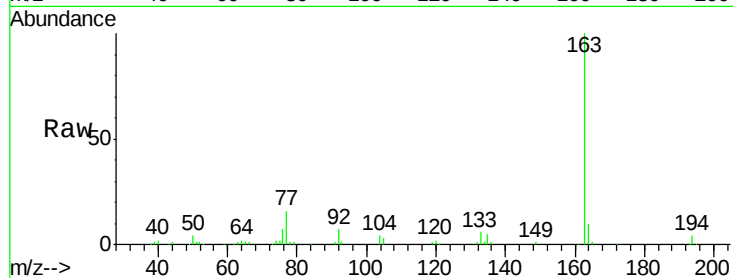




#50
2,6-Dinitrotoluene
Concen: 1.06 ng
RT: 14.20 min Scan# 1933
Delta R.T. -0.13 min
Lab File: BG022184.D
Acq: 7 Jun 2016 1:10

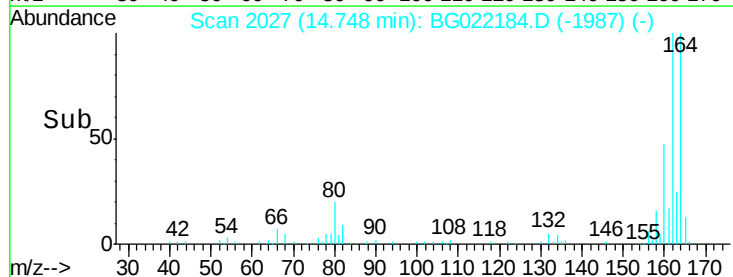
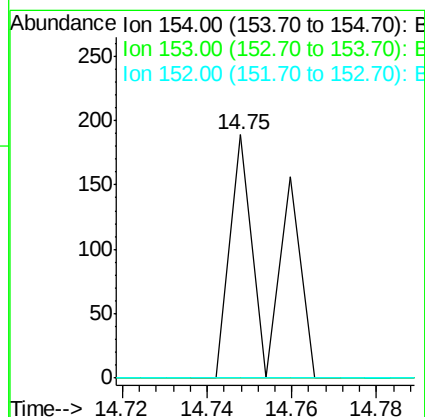
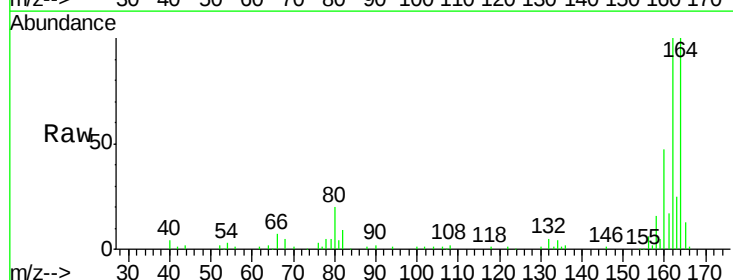
Instrument :
BNA_G
ClientSampleId :
SB-17

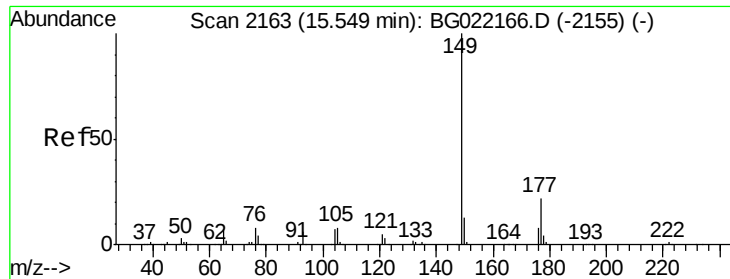
Tgt Ion:165 Resp: 1427
Ion Ratio Lower Upper
165 100
63 106.7 48.2 72.4#
89 0.0 45.3 67.9#



#51
Acenaphthene
Concen: 0.03 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.07 min
Lab File: BG022184.D
Acq: 7 Jun 2016 1:10

Tgt Ion:154 Resp: 122
Ion Ratio Lower Upper
154 100
153 0.0 91.9 137.9#
152 0.0 42.0 63.0#

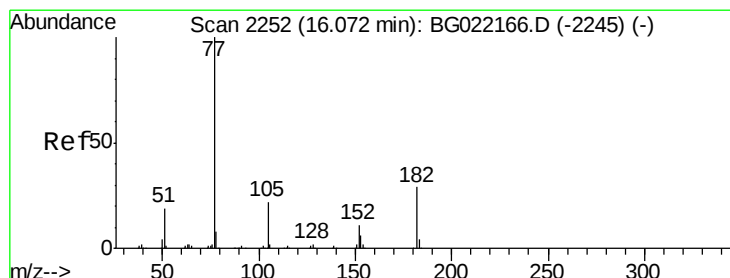
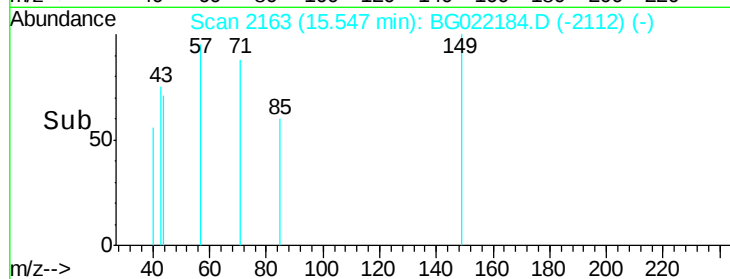
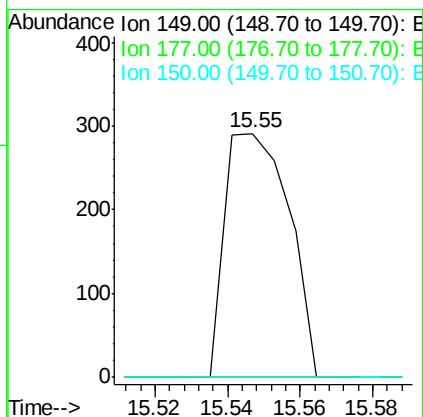
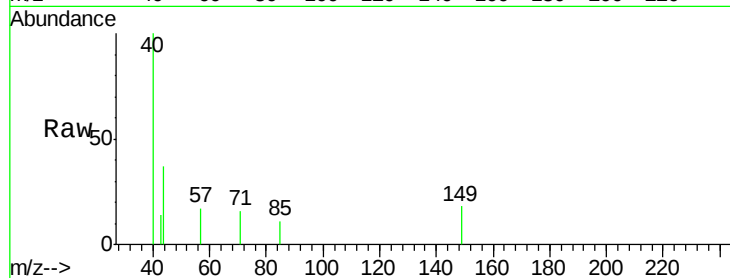




#59
Diethylphthalate
Concen: 0.05 ng
RT: 15.55 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BG022184.D
Acq: 7 Jun 2016 1:10

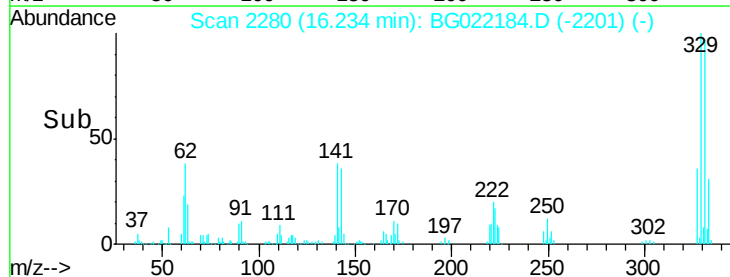
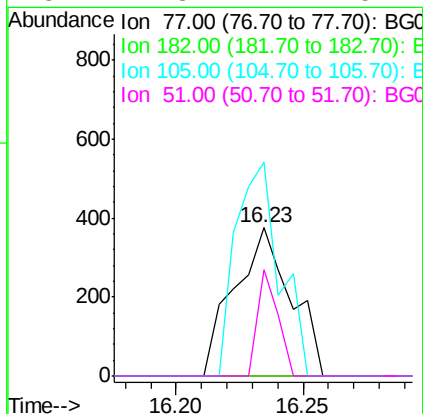
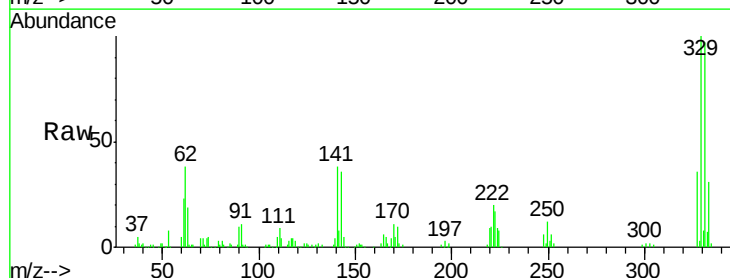
Instrument :
BNA_G
ClientSampleId :
SB-17

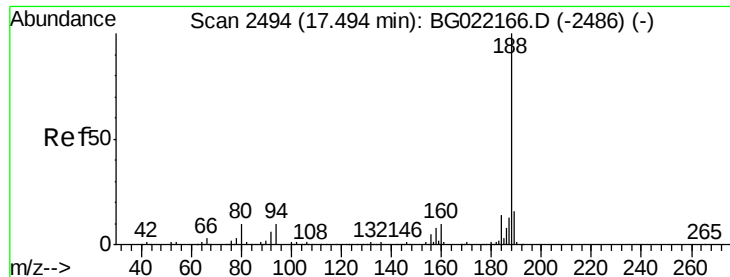
Tgt Ion: 149 Resp: 357
Ion Ratio Lower Upper
149 100
177 0.0 17.3 25.9#
150 0.0 9.7 14.5#



#62
Azobenzene
Concen: 0.12 ng
RT: 16.23 min Scan# 2280
Delta R.T. 0.16 min
Lab File: BG022184.D
Acq: 7 Jun 2016 1:10

Tgt Ion: 77 Resp: 587
Ion Ratio Lower Upper
77 100
182 0.0 4.1 44.1#
105 143.9 0.0 39.8#
51 71.3 11.1 51.1#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2494

Delta R.T. -0.00 min

Lab File: BG022184.D

Acq: 7 Jun 2016 1:10

Instrument :

BNA_G

ClientSampleId :

SB-17

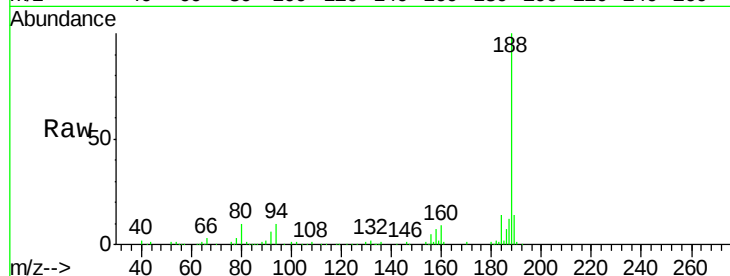
Tgt Ion:188 Resp: 174432

Ion Ratio Lower Upper

188 100

94 9.6 7.5 11.3

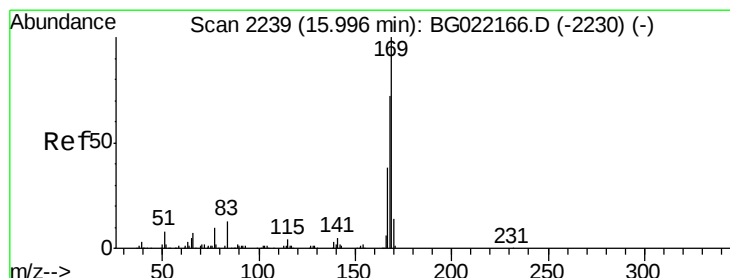
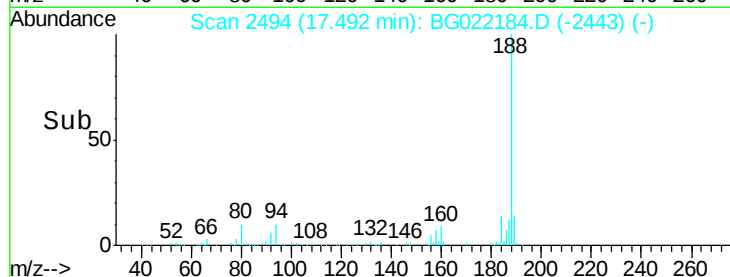
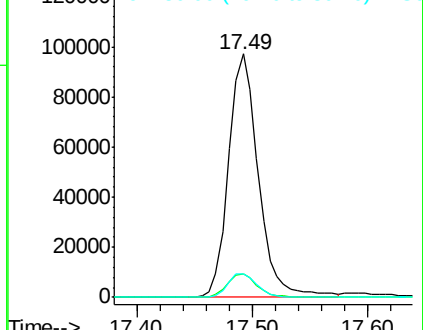
80 9.7 8.6 13.0



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



#65

n-Nitrosodiphenylamine

Concen: 0.94 ng

RT: 16.23 min Scan# 2280

Delta R.T. 0.24 min

Lab File: BG022184.D

Acq: 7 Jun 2016 1:10

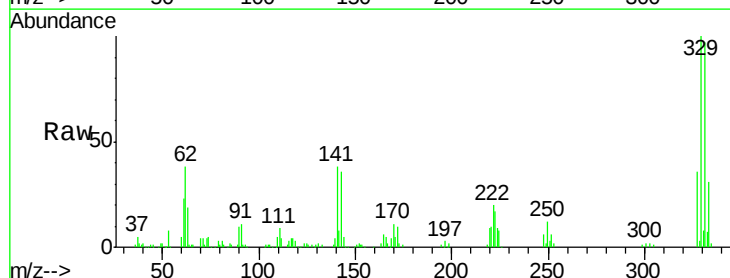
Tgt Ion:169 Resp: 4729

Ion Ratio Lower Upper

169 100

168 5.6 59.6 89.4#

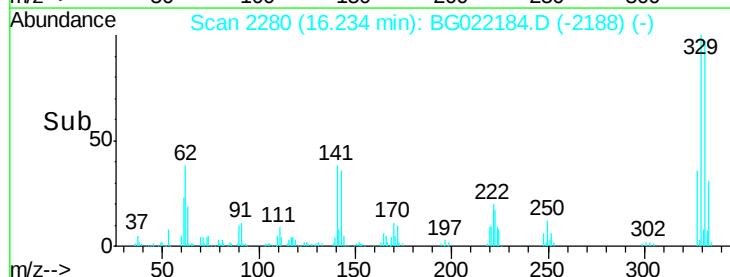
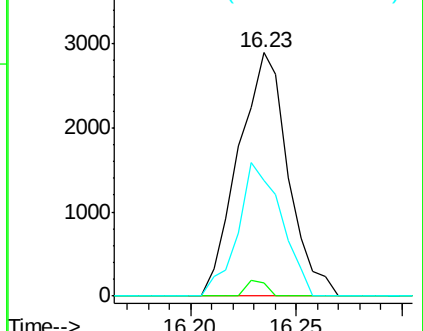
167 53.1 31.2 46.8#

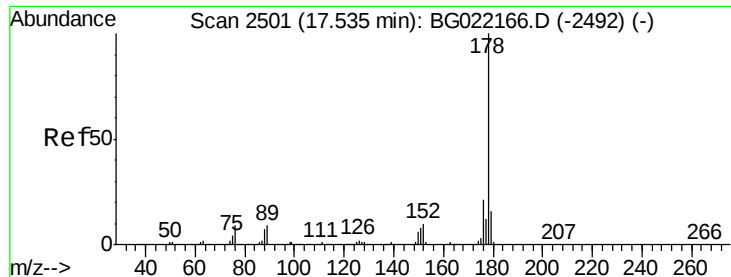


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

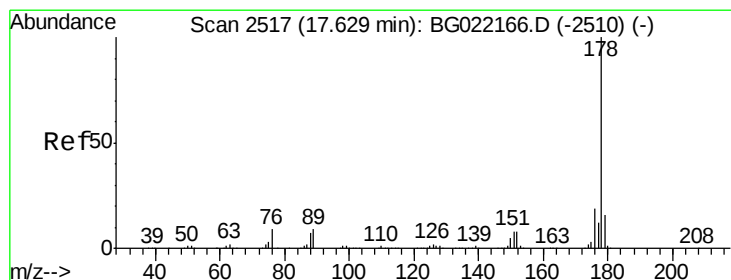
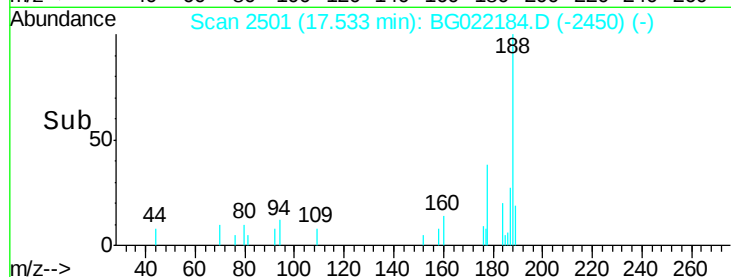
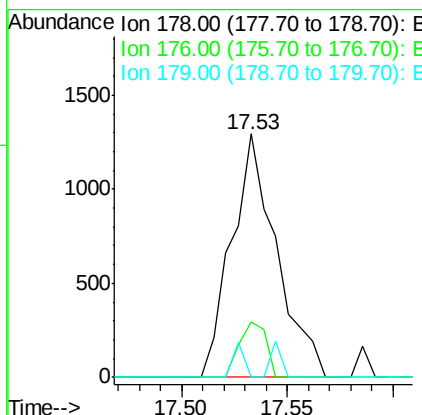
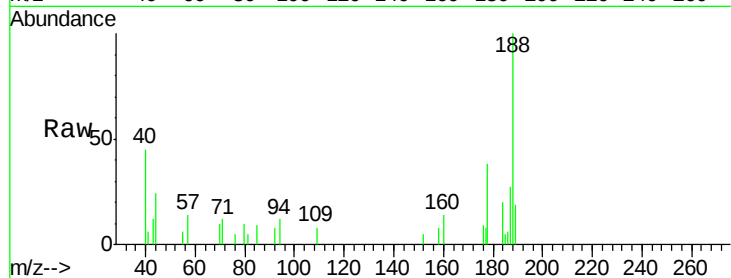




#70
Phenanthrene
Concen: 0.20 ng
RT: 17.53 min Scan# 2501
Delta R.T. -0.00 min
Lab File: BG022184.D
Acq: 7 Jun 2016 1:10

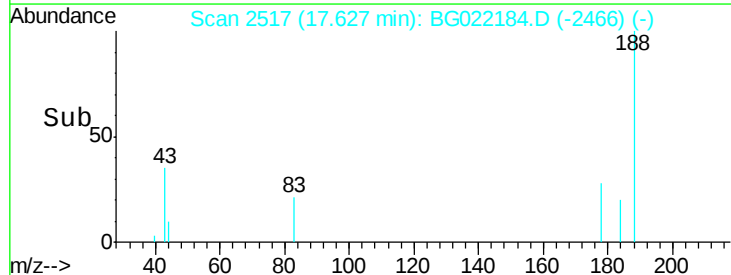
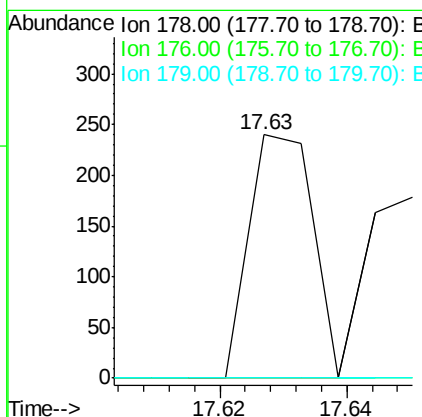
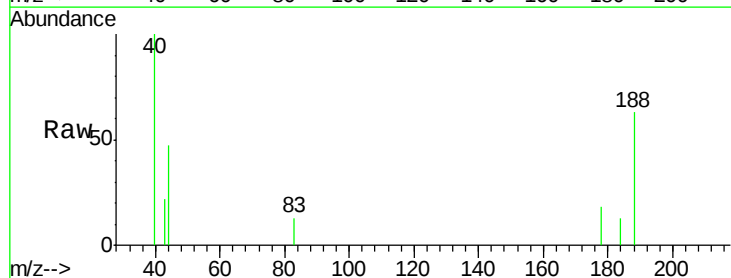
Instrument :
BNA_G
ClientSampleId :
SB-17

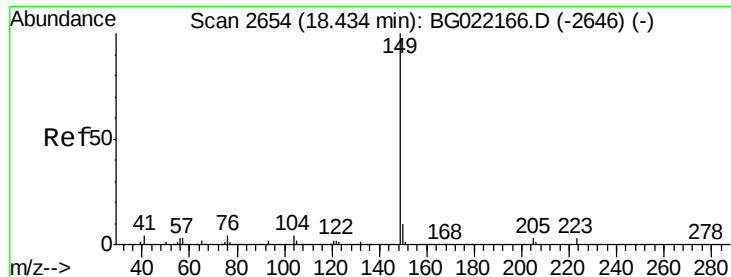
Tgt Ion:178 Resp: 1906
Ion Ratio Lower Upper
178 100
176 22.6 16.2 24.4
179 0.0 12.0 18.0#



#71
Anthracene
Concen: 0.02 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BG022184.D
Acq: 7 Jun 2016 1:10

Tgt Ion:178 Resp: 166
Ion Ratio Lower Upper
178 100
176 0.0 15.0 22.4#
179 0.0 12.2 18.4#

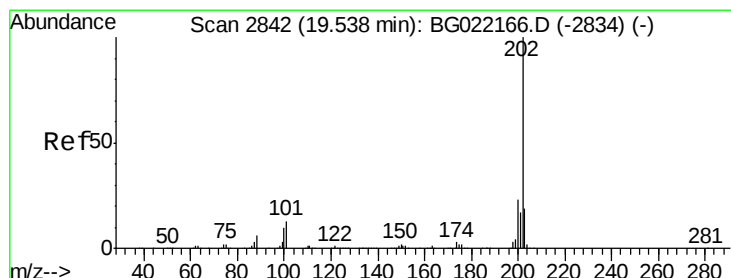
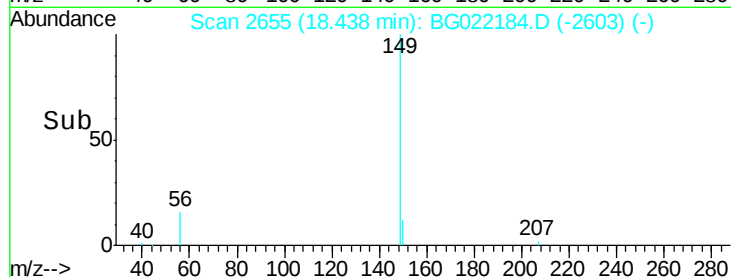
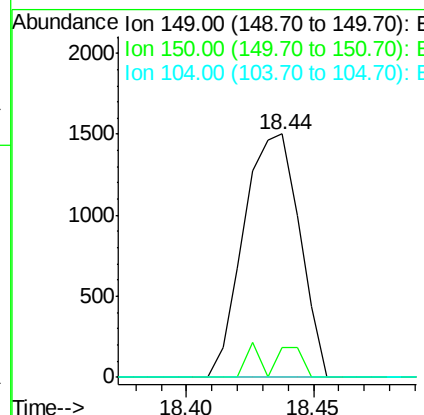
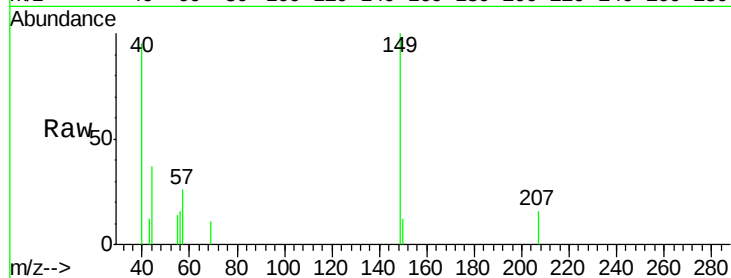




#73
Di-n-butylphthalate
Concen: 0.20 ng
RT: 18.44 min Scan# 2655
Delta R.T. 0.00 min
Lab File: BG022184.D
Acq: 7 Jun 2016 1:10

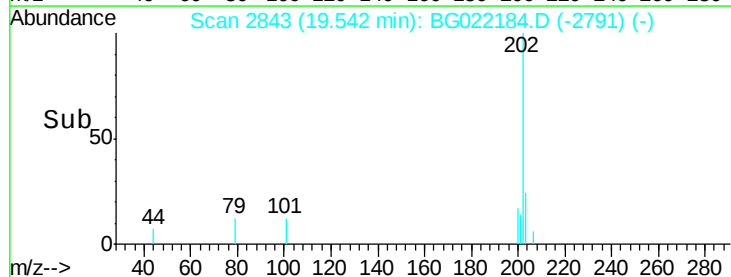
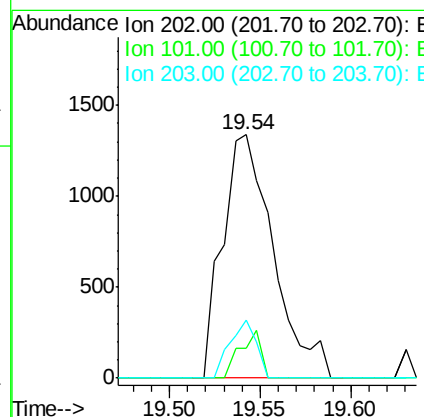
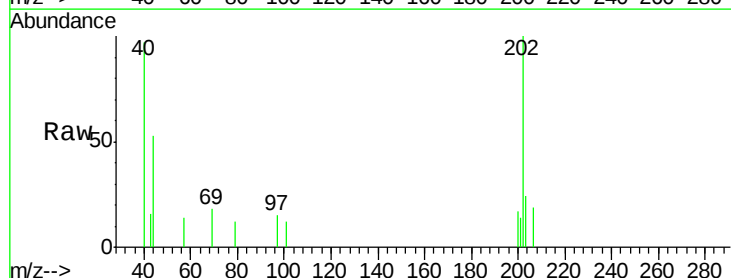
Instrument :
BNA_G
ClientSampleId :
SB-17

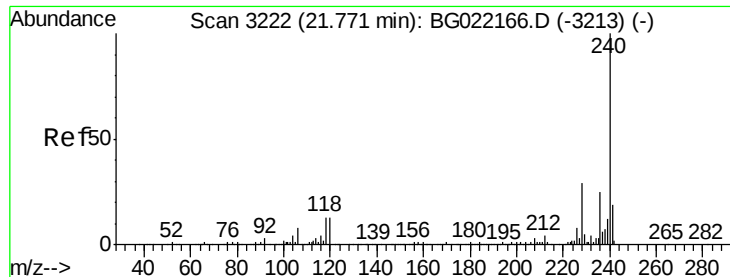
Tgt Ion:149 Resp: 2307
Ion Ratio Lower Upper
149 100
150 12.1 7.4 11.0#
104 0.0 4.0 6.0#



#74
Fluoranthene
Concen: 0.24 ng
RT: 19.54 min Scan# 2843
Delta R.T. 0.00 min
Lab File: BG022184.D
Acq: 7 Jun 2016 1:10

Tgt Ion:202 Resp: 2613
Ion Ratio Lower Upper
202 100
101 12.5 0.0 31.0
203 23.7 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BG022184.D

Acq: 7 Jun 2016 1:10

Instrument :

BNA_G

ClientSampled :

SB-17

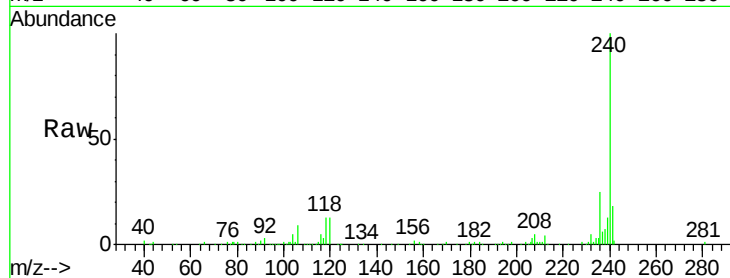
Tgt Ion:240 Resp: 182810

Ion Ratio Lower Upper

240 100

120 13.0 8.4 12.6#

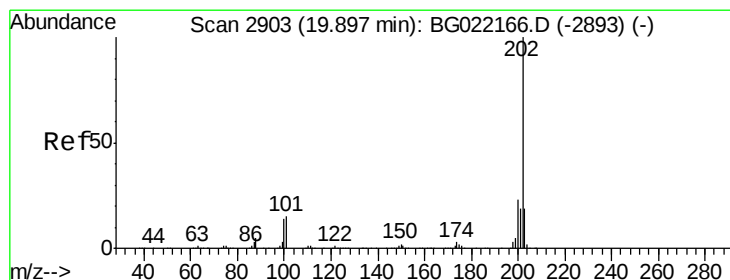
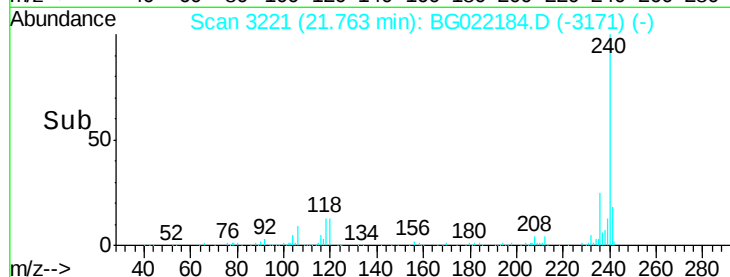
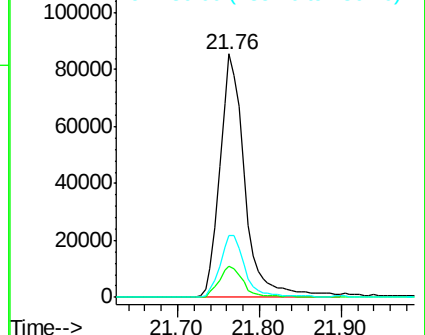
236 25.3 19.6 29.4



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



#77

Pyrene

Concen: 0.20 ng

RT: 19.90 min Scan# 2904

Delta R.T. 0.00 min

Lab File: BG022184.D

Acq: 7 Jun 2016 1:10

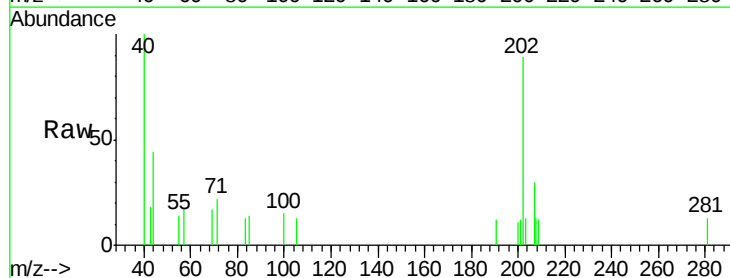
Tgt Ion:202 Resp: 2232

Ion Ratio Lower Upper

202 100

200 12.7 18.2 27.2#

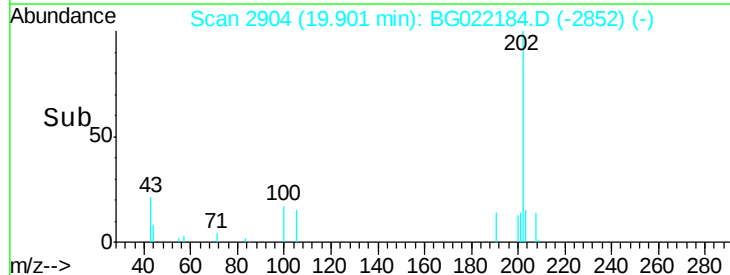
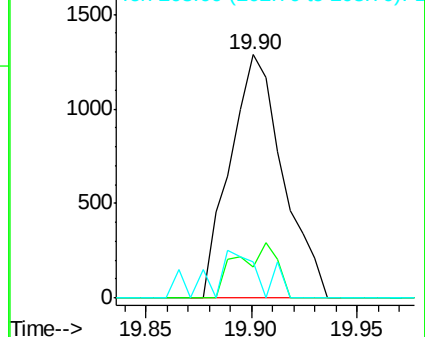
203 14.8 15.0 22.4#

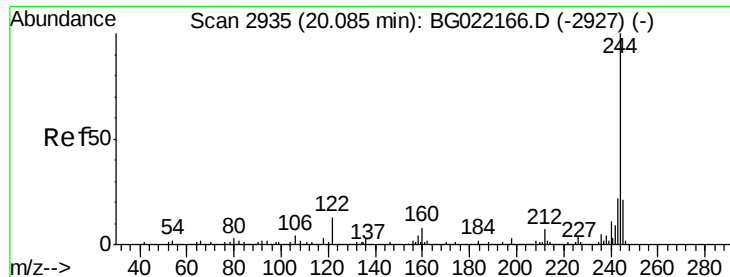


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 98.26 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.00 min

Lab File: BG022184.D

Acq: 7 Jun 2016 1:10

Instrument :

BNA_G

ClientSampled :

SB-17

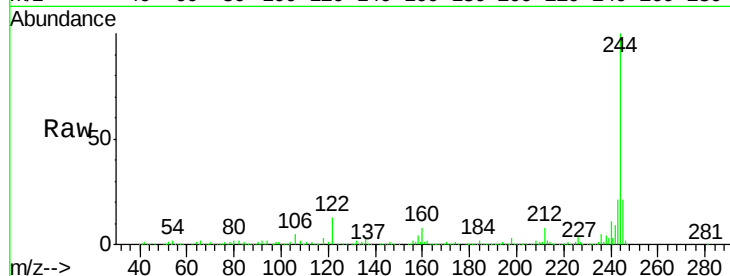
Tgt Ion:244 Resp: 756637

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

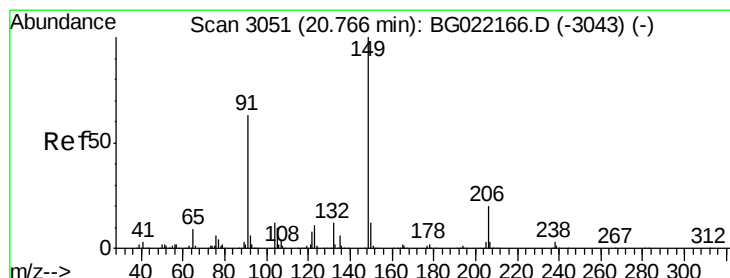
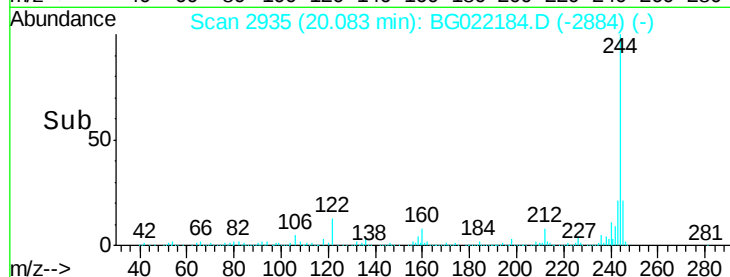
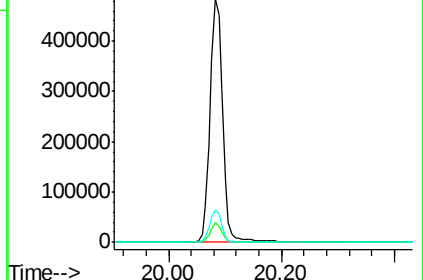
122 13.2 8.6 12.8#



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: 0.01 ng

RT: 20.85 min Scan# 3066

Delta R.T. 0.09 min

Lab File: BG022184.D

Acq: 7 Jun 2016 1:10

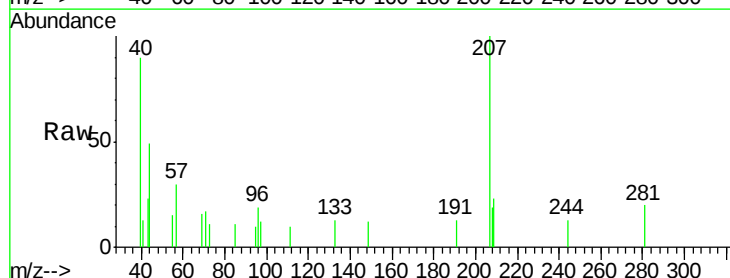
Tgt Ion:149 Resp: 64

Ion Ratio Lower Upper

149 100

91 0.0 57.8 86.8#

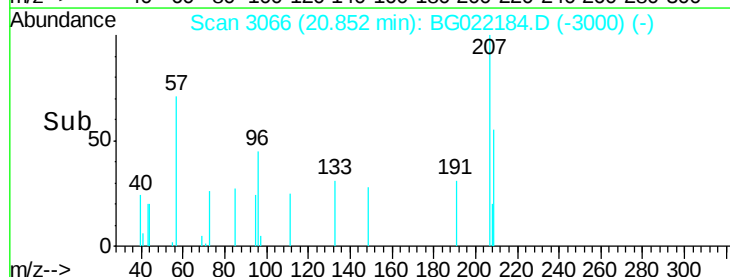
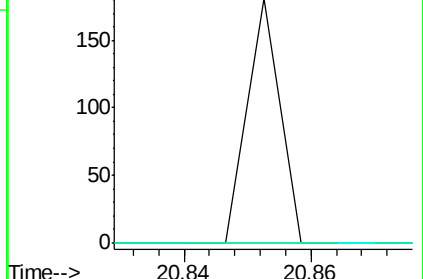
206 0.0 17.0 25.4#

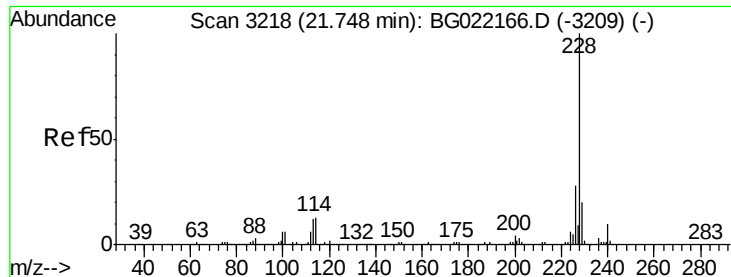


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

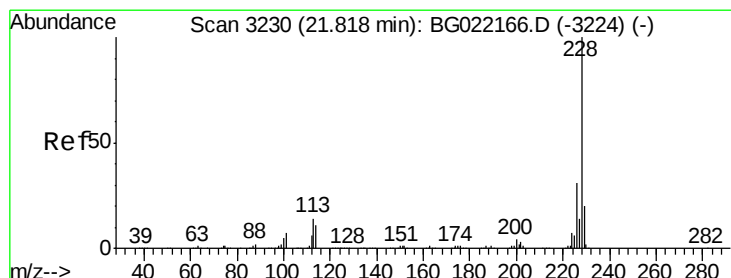
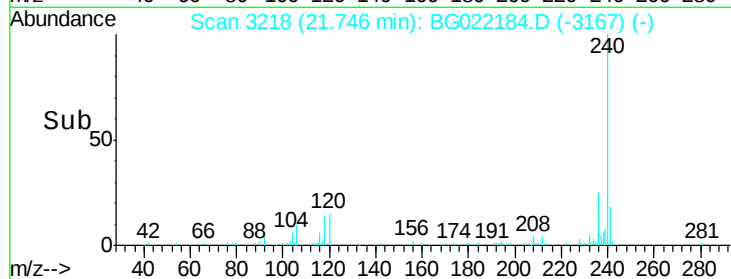
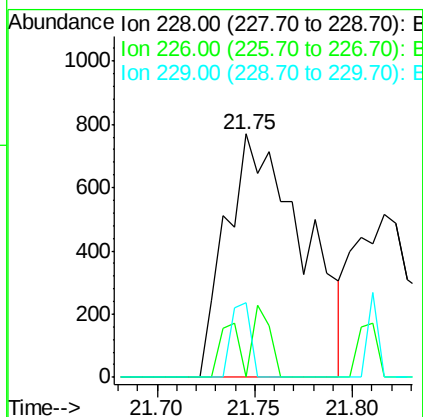
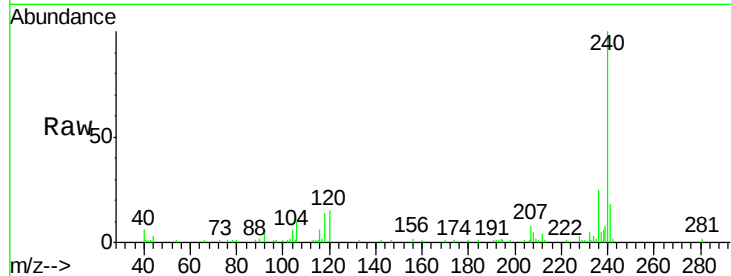




#80
Benzo(a)anthracene
Concen: 0.20 ng
RT: 21.75 min Scan# 3218
Delta R.T. -0.00 min
Lab File: BG022184.D
Acq: 7 Jun 2016 1:10

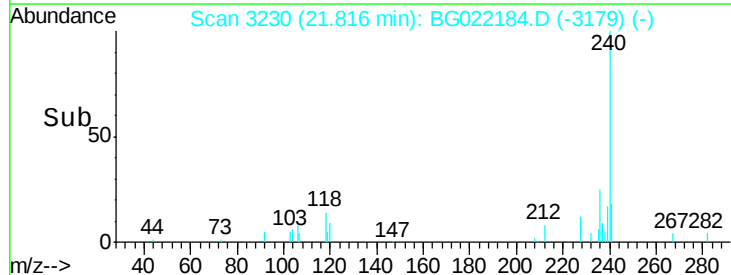
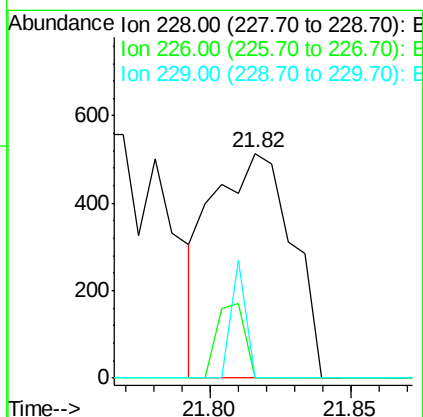
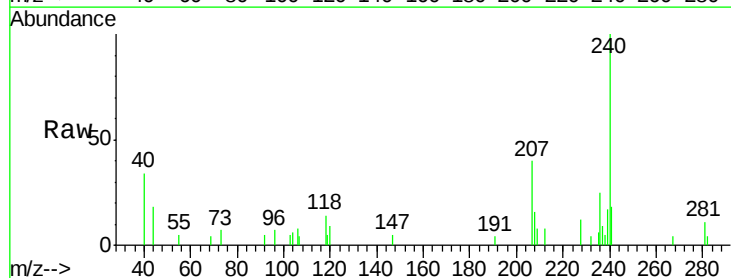
Instrument :
BNA_G
ClientSampled :
SB-17

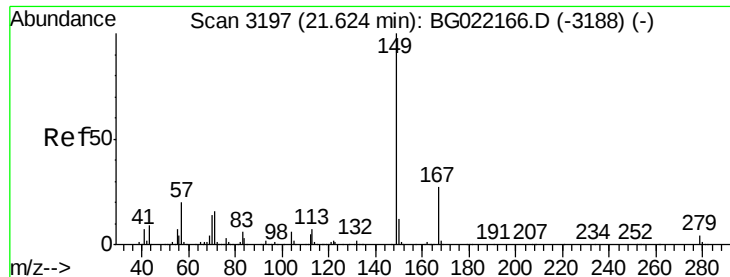
Tgt Ion:228 Resp: 2091
Ion Ratio Lower Upper
228 100
226 0.0 22.6 34.0#
229 30.8 16.1 24.1#



#82
Chrysene
Concen: 0.10 ng
RT: 21.82 min Scan# 3230
Delta R.T. -0.00 min
Lab File: BG022184.D
Acq: 7 Jun 2016 1:10

Tgt Ion:228 Resp: 1009
Ion Ratio Lower Upper
228 100
226 0.0 25.4 38.0#
229 0.0 15.9 23.9#





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.28 ng

RT: 21.62 min Scan# 3197

Delta R.T. -0.00 min

Lab File: BG022184.D

Acq: 7 Jun 2016 1:10

Instrument :

BNA_G

ClientSampleId :

SB-17

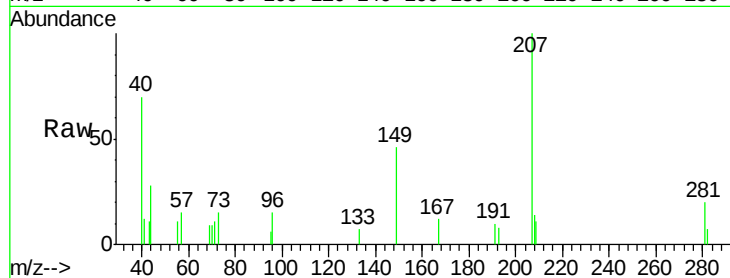
Tgt Ion:149 Resp: 2136

Ion Ratio Lower Upper

149 100

167 26.5 22.4 33.6

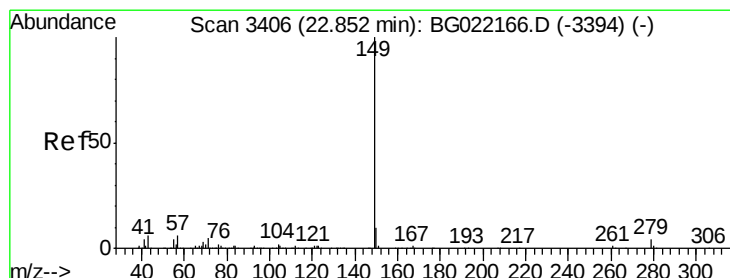
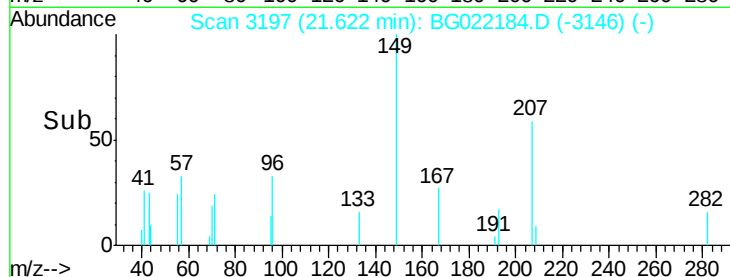
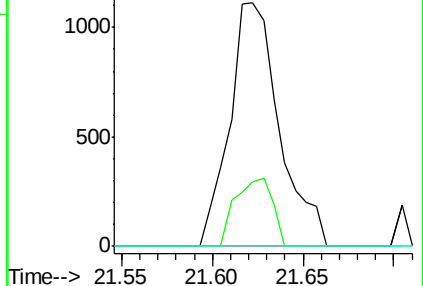
279 0.0 3.2 4.8#



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: 0.02 ng

RT: 22.86 min Scan# 3408

Delta R.T. 0.01 min

Lab File: BG022184.D

Acq: 7 Jun 2016 1:10

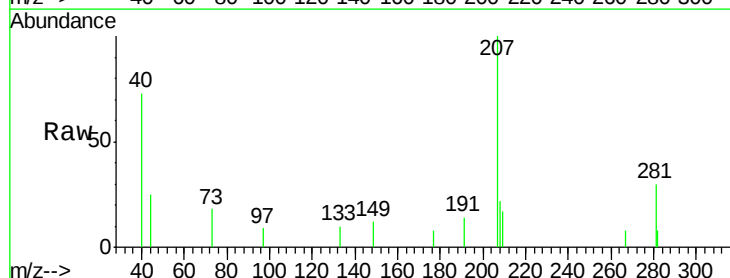
Tgt Ion:149 Resp: 294

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

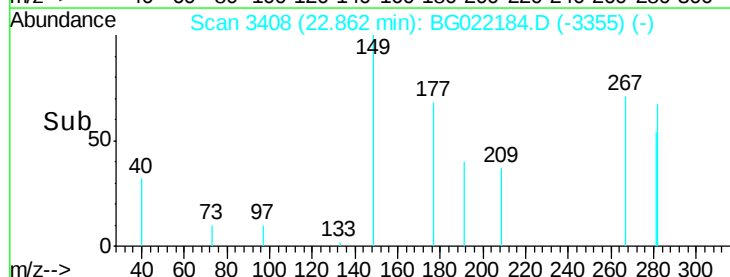
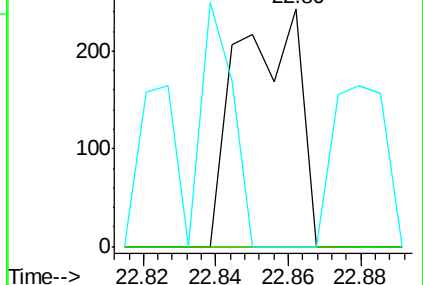
43 57.1 9.8 14.6#

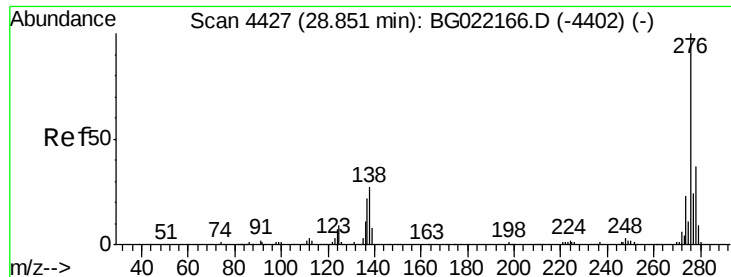


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

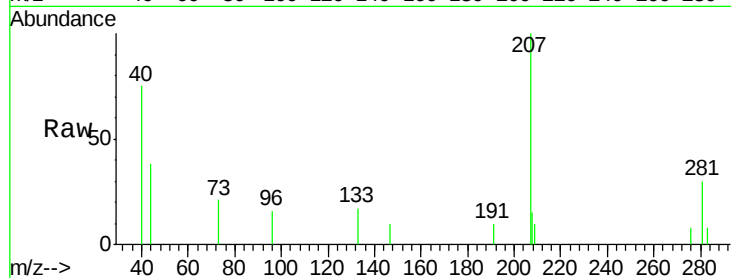




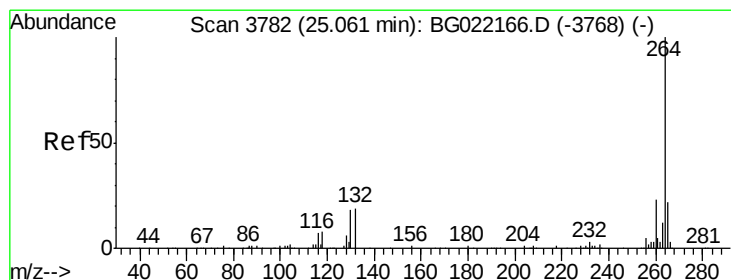
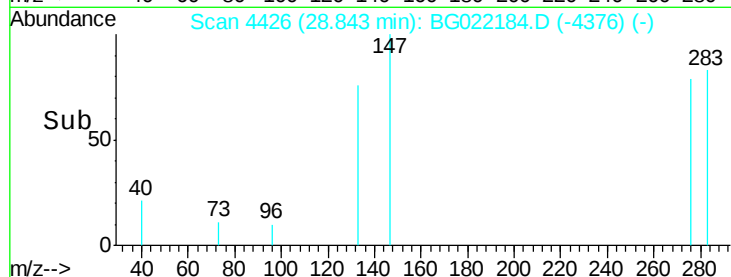
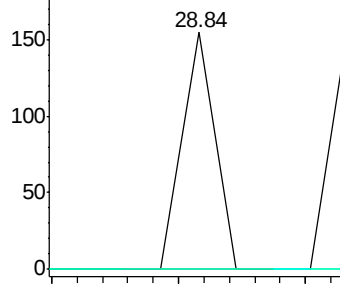
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.00 ng
 RT: 28.84 min Scan# 4426
 Delta R.T. -0.01 min
 Lab File: BG022184.D
 Acq: 7 Jun 2016 1:10

Instrument :
 BNA_G
 ClientSampleId :
 SB-17

Tgt Ion: 276 Resp: 55
 Ion Ratio Lower Upper
 276 100
 138 0.0 14.0 21.0#
 277 0.0 20.6 30.8#

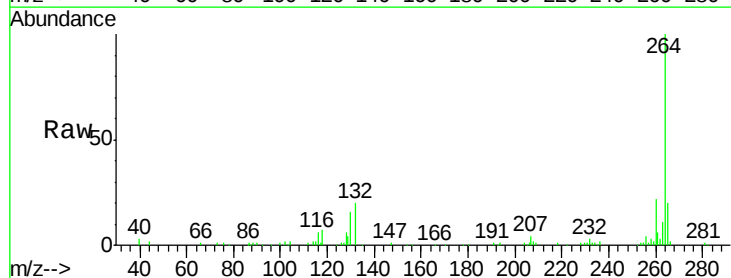


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

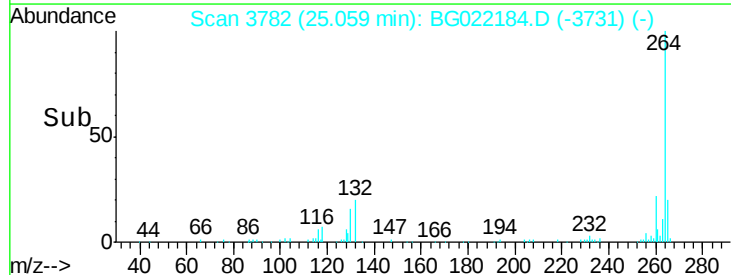
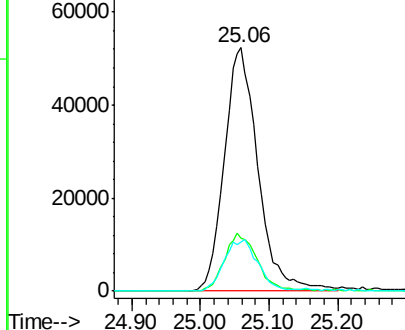


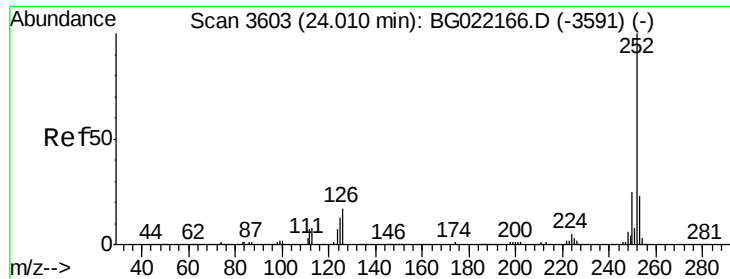
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.06 min Scan# 3782
 Delta R.T. -0.00 min
 Lab File: BG022184.D
 Acq: 7 Jun 2016 1:10

Tgt Ion: 264 Resp: 178414
 Ion Ratio Lower Upper
 264 100
 260 21.8 20.2 30.4
 265 19.9 17.8 26.8



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

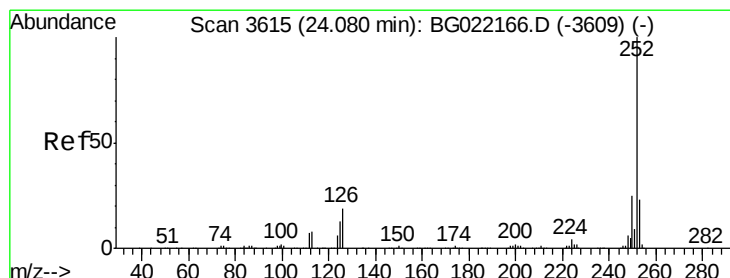
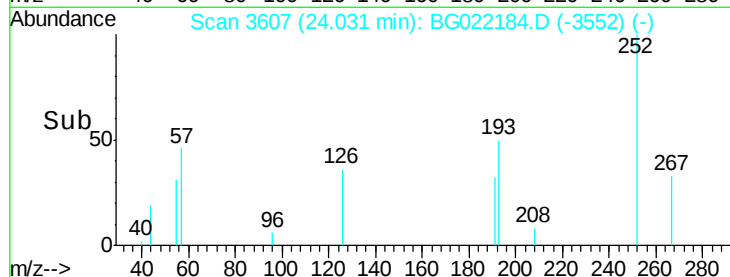
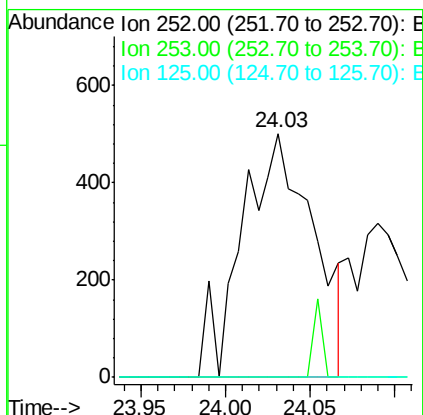
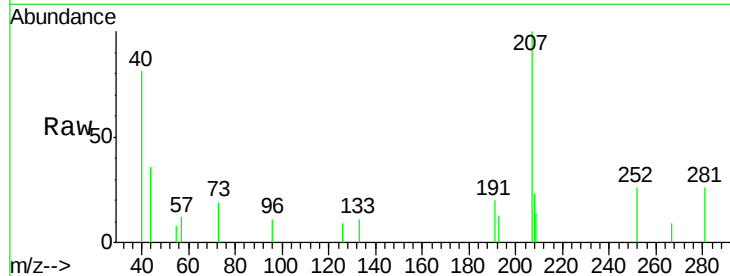




#87
Benzo(b)fluoranthene
Concen: 0.14 ng
RT: 24.03 min Scan# 3607
Delta R.T. 0.02 min
Lab File: BG022184.D
Acq: 7 Jun 2016 1:10

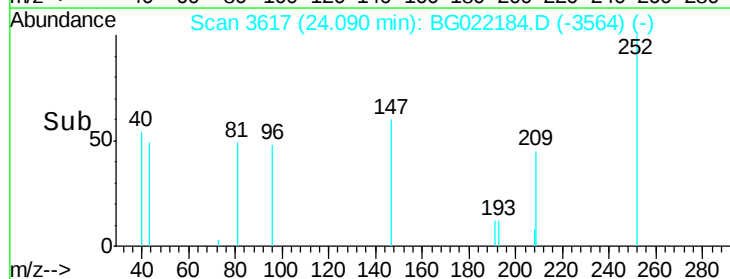
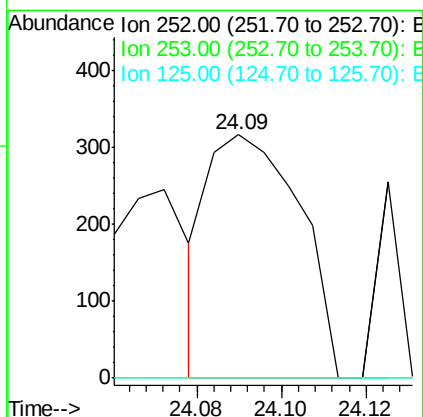
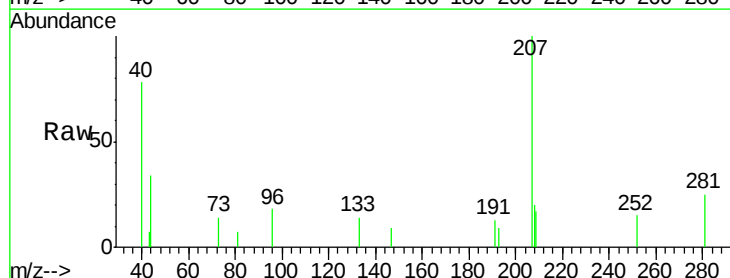
Instrument :
BNA_G
ClientSampleId :
SB-17

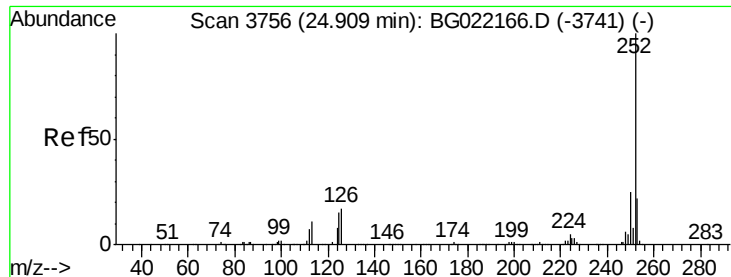
Tgt Ion:252 Resp: 1469
Ion Ratio Lower Upper
252 100
253 0.0 17.5 26.3#
125 0.0 8.6 13.0#



#88
Benzo(k)fluoranthene
Concen: 0.05 ng
RT: 24.09 min Scan# 3617
Delta R.T. 0.01 min
Lab File: BG022184.D
Acq: 7 Jun 2016 1:10

Tgt Ion:252 Resp: 477
Ion Ratio Lower Upper
252 100
253 0.0 17.8 26.8#
125 0.0 8.3 12.5#





#89

Benzo(a)pyrene

Concen: 0.07 ng

RT: 24.91 min Scan# 3756

Delta R.T. -0.00 min

Lab File: BG022184.D

Acq: 7 Jun 2016 1:10

Instrument :

BNA_G

ClientSampled :

SB-17

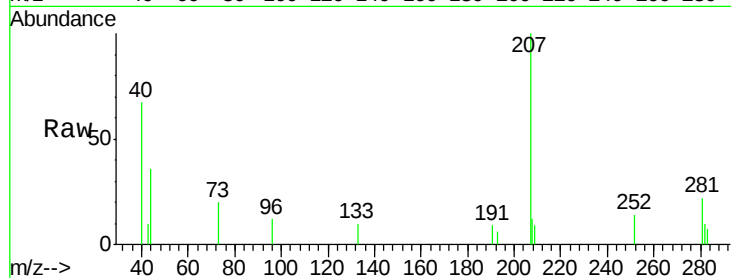
Tgt Ion: 252 Resp: 675

Ion Ratio Lower Upper

252 100

253 0.0 17.1 25.7#

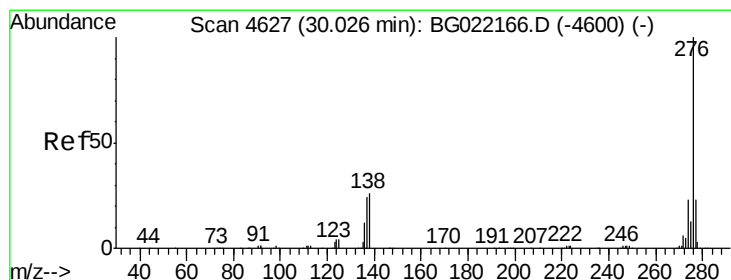
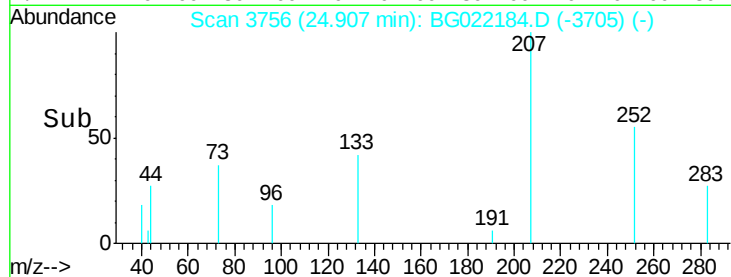
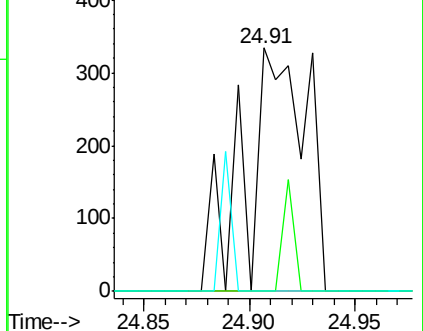
125 0.0 9.6 14.4#



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

Benzo(g,h,i)perylene

Concen: 0.01 ng

RT: 30.03 min Scan# 4628

Delta R.T. 0.00 min

Lab File: BG022184.D

Acq: 7 Jun 2016 1:10

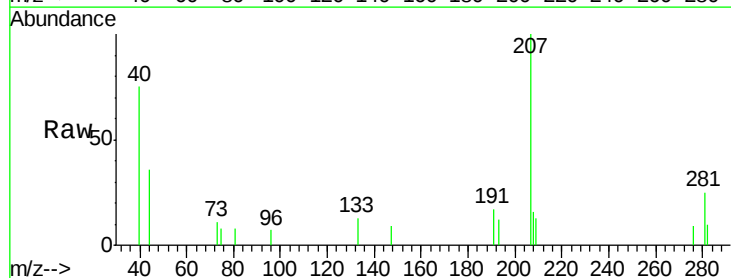
Tgt Ion: 276 Resp: 129

Ion Ratio Lower Upper

276 100

277 0.0 19.4 29.2#

138 0.0 17.4 26.0#



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

