

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060616\
 Data File : BG022176.D
 Acq On : 6 Jun 2016 19:44
 Operator : UM/SJ
 Sample : H3399-18
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-15

Quant Time: Jun 07 03:20:17 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	26841	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	114033	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	72392	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	170950	20.00	ng	0.00
75) Chrysene-d12	21.76	240	181866	20.00	ng	0.00
86) Perylene-d12	25.06	264	174969	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	235767	169.83	ng	0.00
7) Phenol-d6	7.28	99	329927	151.16	ng	0.00
23) Nitrobenzene-d5	9.29	82	168672	103.12	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	130699	159.78	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	441037	92.84	ng	0.00
78) Terphenyl-d14	20.08	244	690569	90.15	ng	0.00

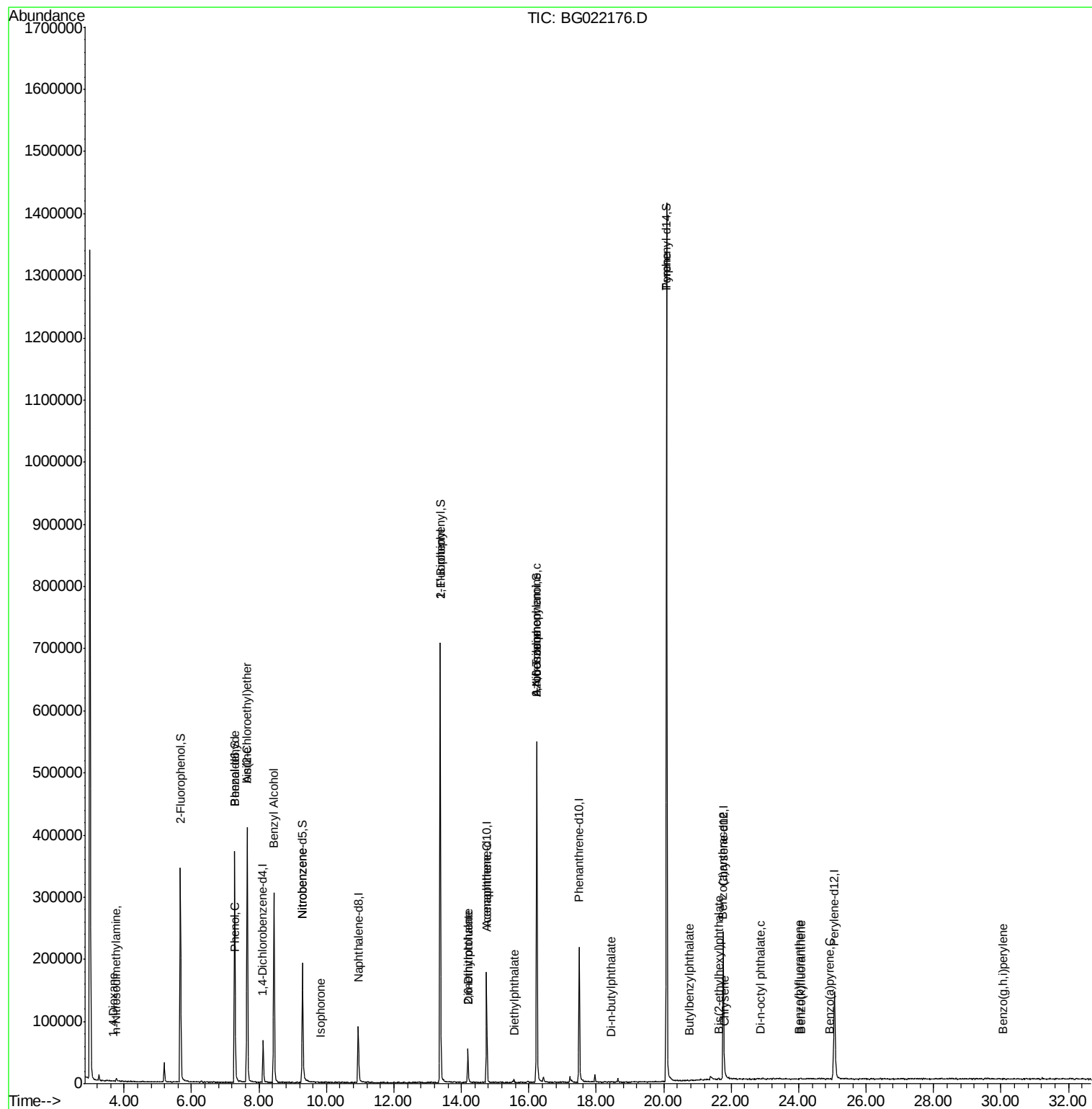
Target Compounds						Qvalue
2) 1,4-Dioxane	3.68	88	63	0.09	ng	# 1
4) n-Nitrosodimethylamine	3.77	42	81	0.20	ng	# 1
6) Aniline	7.64	93	179	0.06	ng	# 1
9) Benzaldehyde	7.29	77	227	0.19	ng	# 7
10) Phenol	7.30	94	971	0.43	ng	# 1
11) bis(2-Chloroethyl)ether	7.64	93	179	0.10	ng	# 1
15) Benzyl Alcohol	8.44	79	2538	1.80	ng	# 41
24) Nitrobenzene	9.29	77	298	0.18	ng	# 43
25) Isophorone	9.82	82	722	0.19	ng	# 67
45) 1,1'-Biphenyl	13.37	154	671	0.12	ng	# 1
49) Dimethylphthalate	14.19	163	53080	8.84	ng	# 99
50) 2,6-Dinitrotoluene	14.19	165	612	0.47	ng	# 45
51) Acenaphthene	14.76	154	56	0.01	ng	# 4
59) Diethylphthalate	15.55	149	102	0.02	ng	# 60
62) Azobenzene	16.23	77	461	0.09	ng	# 24
65) n-Nitrosodiphenylamine	16.23	169	4704	0.96	ng	# 42
73) Di-n-butylphthalate	18.44	149	1641	0.14	ng	# 78
77) Pyrene	20.08	202	2263	0.20	ng	# 73
79) Butylbenzylphthalate	20.76	149	59	0.01	ng	# 23
80) Benzo(a)anthracene	21.75	228	520	0.05	ng	# 51
82) Chrysene	21.82	228	777	0.08	ng	# 70
83) Bis(2-ethylhexyl)phthalate	21.62	149	1077	0.14	ng	# 52
84) Di-n-octyl phthalate	22.86	149	565	0.04	ng	# 72
87) Benzo(b)fluoranthene	24.02	252	56	0.01	ng	# 60
88) Benzo(k)fluoranthene	24.08	252	54	0.01	ng	# 59
89) Benzo(a)pyrene	24.92	252	62	0.01	ng	# 60
91) Benzo(g,h,i)perylene	30.05	276	54	0.01	ng	# 53

(#) = 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: BG022176.D

Acq: 6 Jun 2016 19:44

Instrument :

BNA_G

ClientSampleId :

SB-15

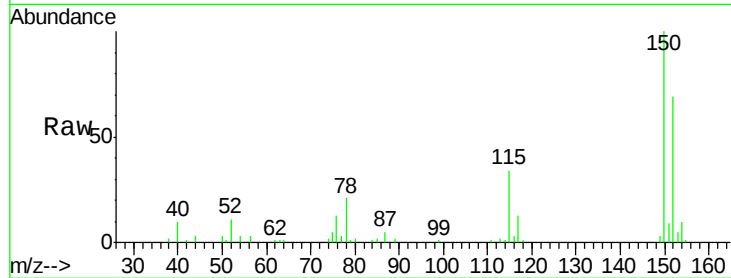
Tgt Ion:152 Resp: 26841

Ion Ratio Lower Upper

152 100

150 144.5 130.1 195.1

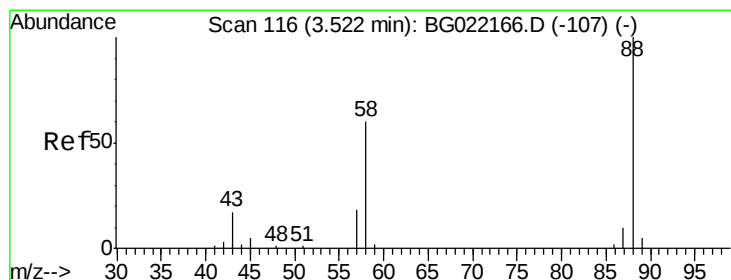
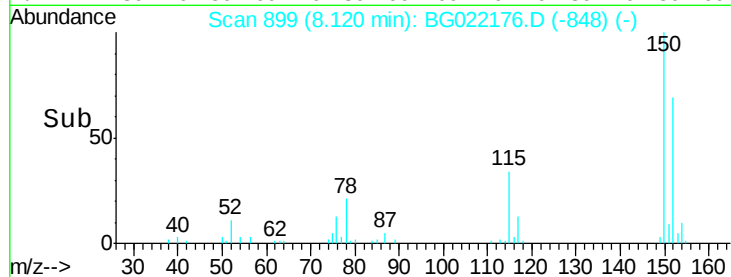
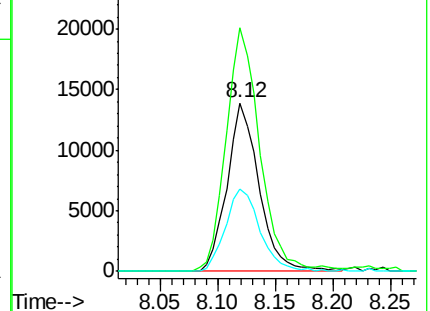
115 48.8 62.2 93.2#



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: 0.09 ng

RT: 3.68 min Scan# 143

Delta R.T. 0.16 min

Lab File: BG022176.D

Acq: 6 Jun 2016 19:44

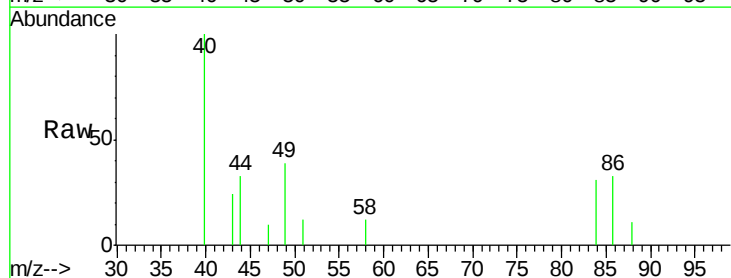
Tgt Ion: 88 Resp: 63

Ion Ratio Lower Upper

88 100

58 188.9 36.8 55.2#

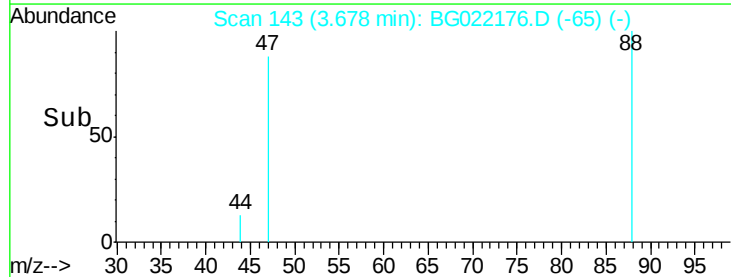
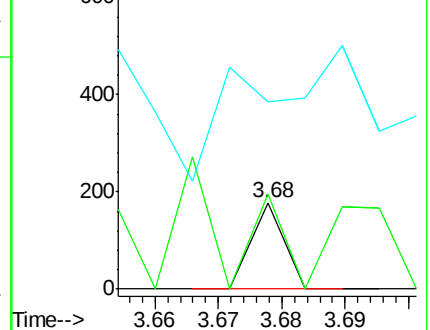
43 669.8 10.4 15.6#

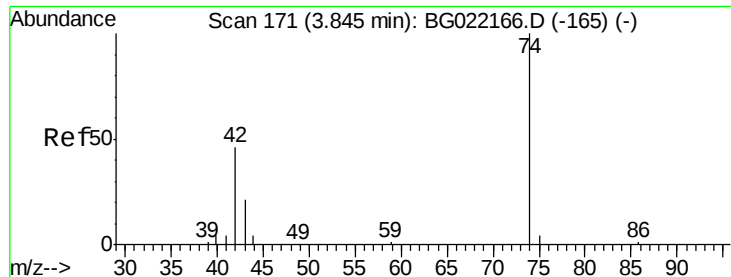


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#4

n-Nitrosodimethylamine

Concen: 0.20 ng

RT: 3.77 min Scan# 158

Delta R.T. -0.08 min

Lab File: BG022176.D

Acq: 6 Jun 2016 19:44

Instrument :

BNA_G

ClientSampled :

SB-15

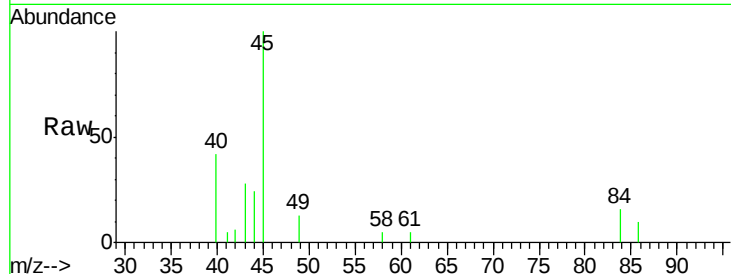
Tgt Ion: 42 Resp: 81

Ion Ratio Lower Upper

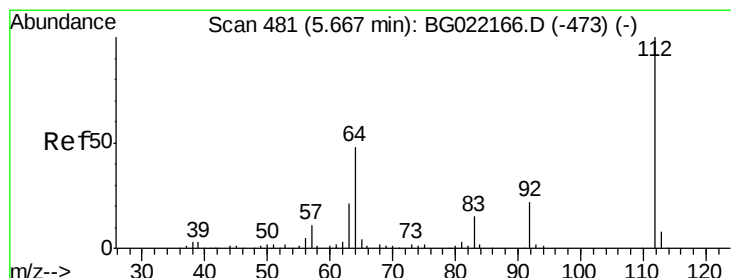
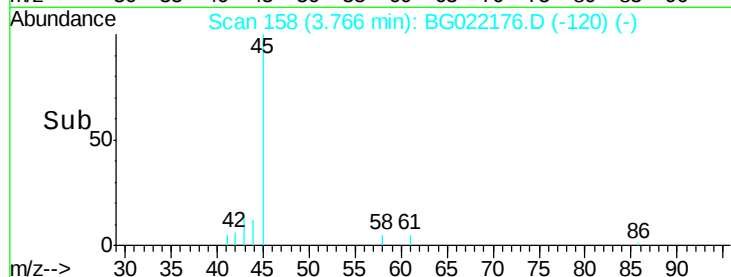
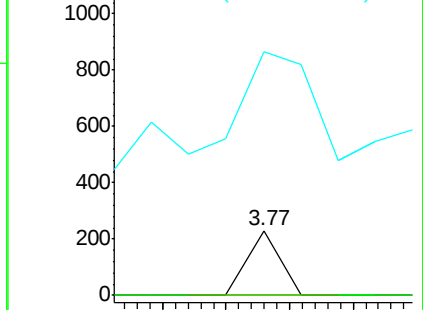
42 100

74 0.0 184.0 276.0#

44 376.1 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: 169.83 ng

RT: 5.67 min Scan# 482

Delta R.T. 0.00 min

Lab File: BG022176.D

Acq: 6 Jun 2016 19:44

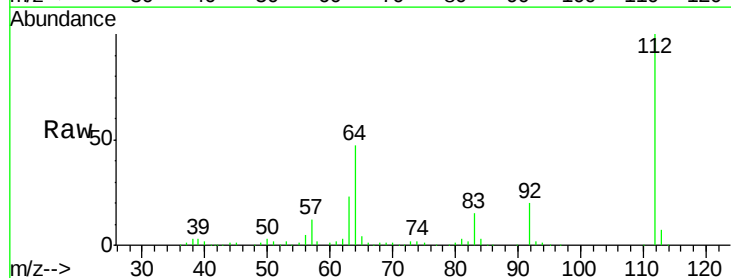
Tgt Ion: 112 Resp: 235767

Ion Ratio Lower Upper

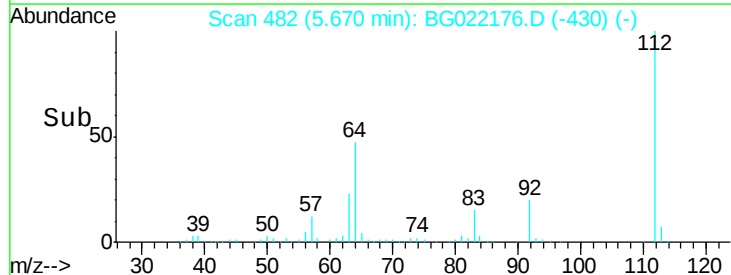
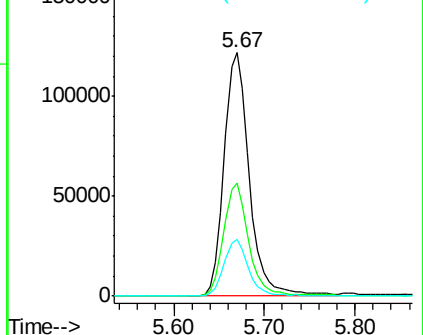
112 100

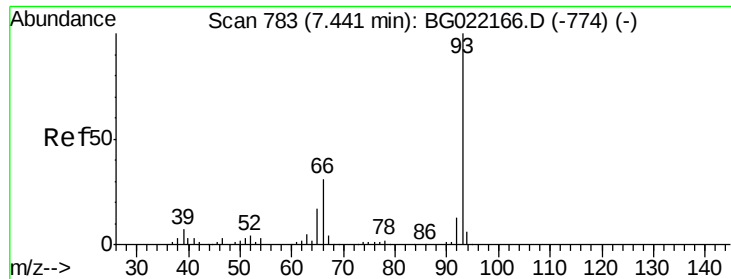
64 46.7 51.1 76.7#

63 23.2 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: 0.06 ng

RT: 7.64 min Scan# 818

Delta R.T. 0.20 min

Lab File: BG022176.D

Acq: 6 Jun 2016 19:44

Instrument :

BNA_G

ClientSampleId :

SB-15

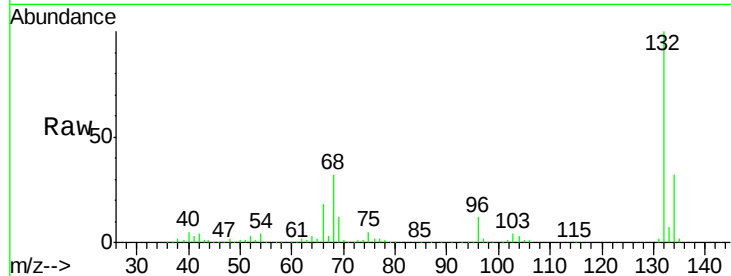
Tgt Ion: 93 Resp: 179

Ion Ratio Lower Upper

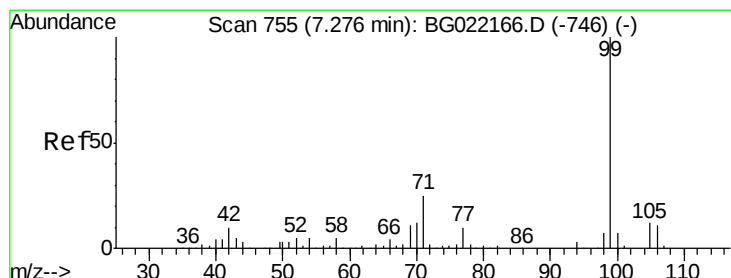
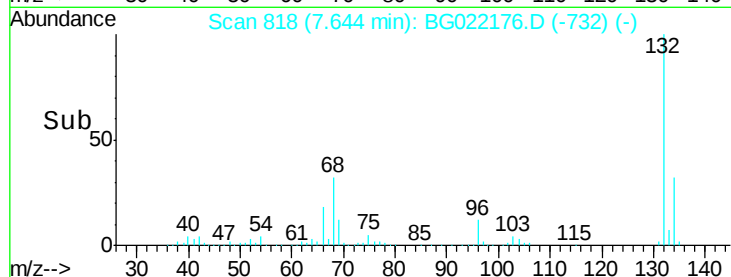
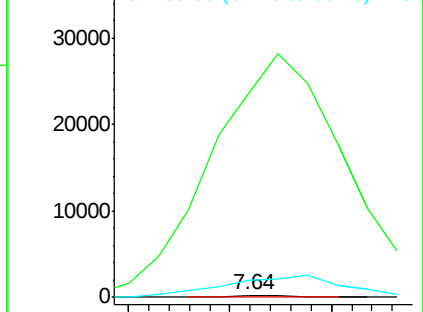
93 100

66 9066.7 36.3 54.5#

65 743.3 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: 151.16 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG022176.D

Acq: 6 Jun 2016 19:44

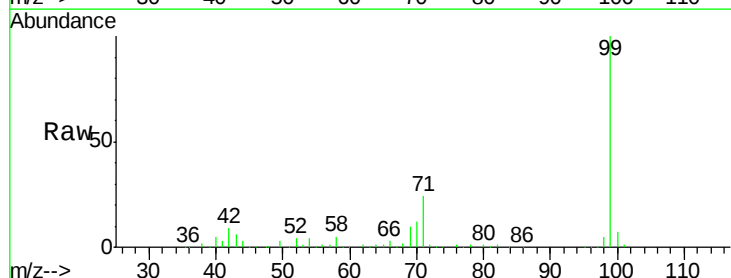
Tgt Ion: 99 Resp: 329927

Ion Ratio Lower Upper

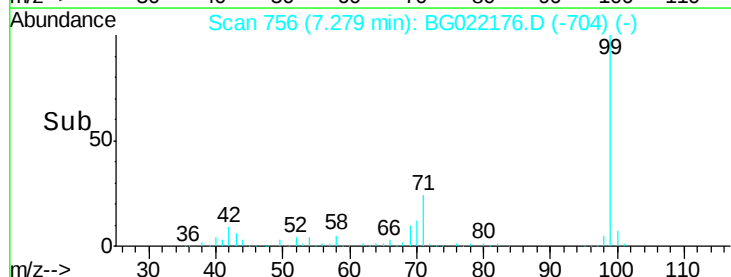
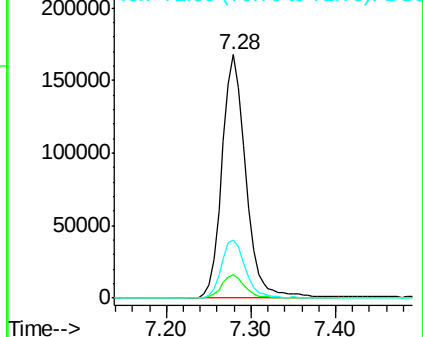
99 100

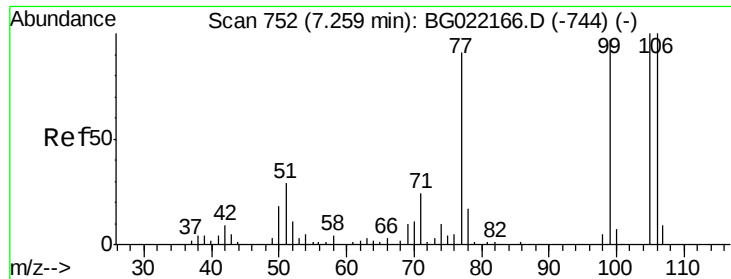
42 9.4 16.4 24.6#

71 23.8 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: 0.19 ng

RT: 7.29 min Scan# 757

Delta R.T. 0.03 min

Lab File: BG022176.D

Acq: 6 Jun 2016 19:44

Instrument :

BNA_G

ClientSampleId :

SB-15

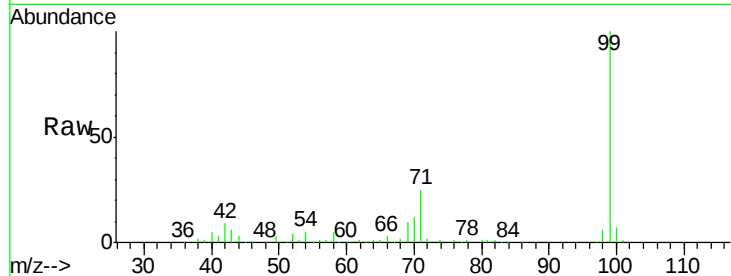
Tgt Ion: 77 Resp: 227

Ion Ratio Lower Upper

77 100

105 0.0 62.1 102.1#

106 0.0 65.6 105.6#



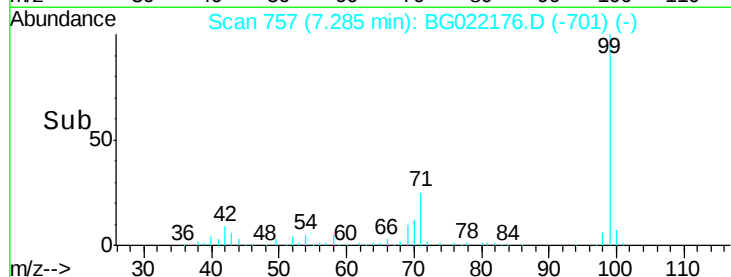
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

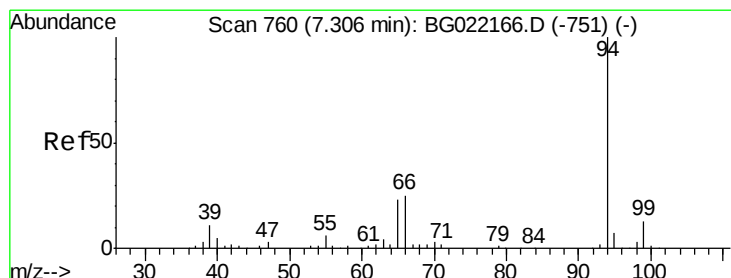
Ion 106.00 (105.70 to 106.70): BGC

7.29

7.26 7.28 7.30 7.32



Time-->



#10

Phenol

Concen: 0.43 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022176.D

Acq: 6 Jun 2016 19:44

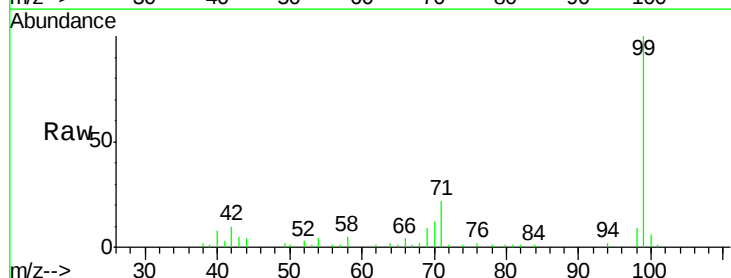
Tgt Ion: 94 Resp: 971

Ion Ratio Lower Upper

94 100

65 52.4 9.8 49.8#

66 163.0 20.8 60.8#



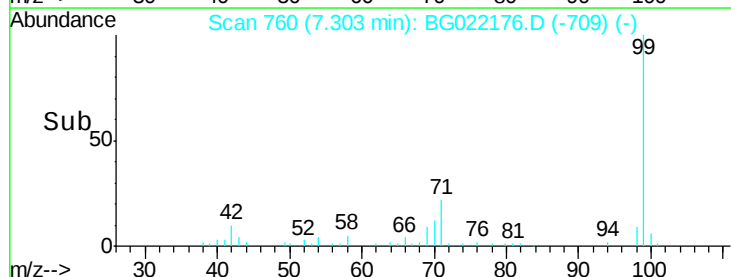
Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

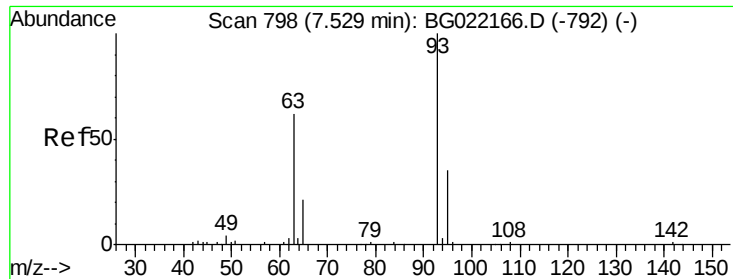
Ion 66.00 (65.70 to 66.70): BGC

7.30

7.25 7.30 7.35



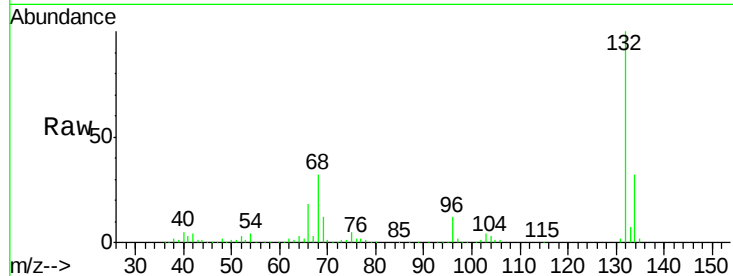
Time-->



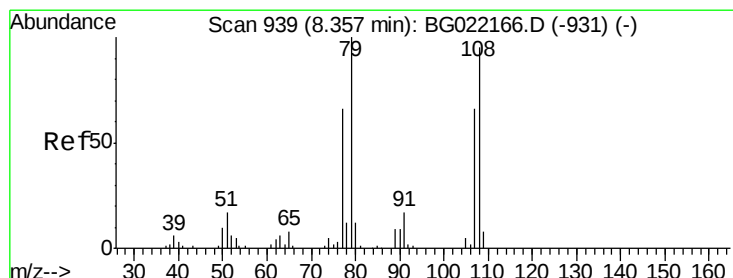
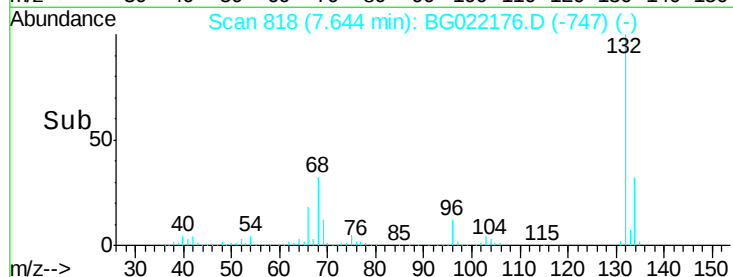
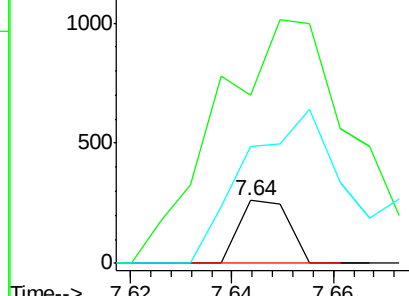
#11
bis(2-Chloroethyl)ether
Concen: 0.10 ng
RT: 7.64 min Scan# 818
Delta R.T. 0.11 min
Lab File: BG022176.D
Acq: 6 Jun 2016 19:44

Instrument :
BNA_G
ClientSampleId :
SB-15

Tgt Ion: 93 Resp: 179
Ion Ratio Lower Upper
93 100
63 268.2 74.9 114.9#
95 186.2 8.3 48.3#

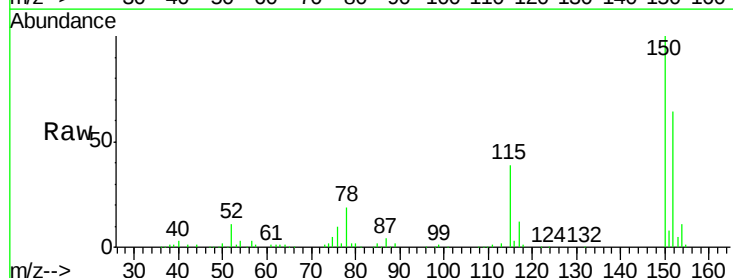


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

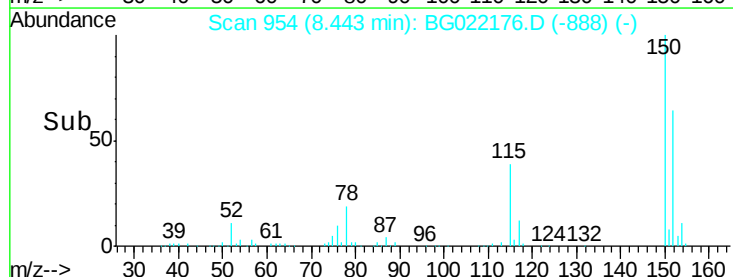
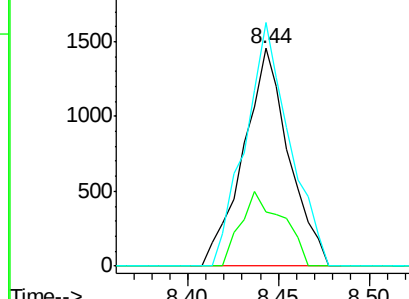


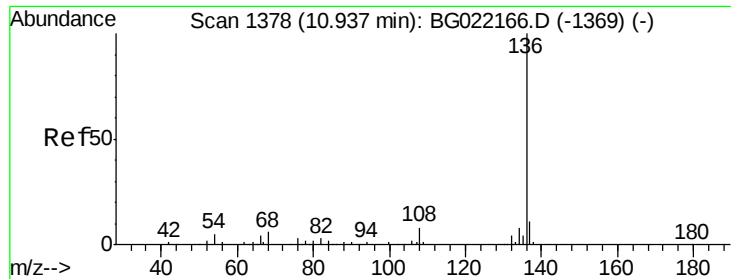
#15
Benzyl Alcohol
Concen: 1.80 ng
RT: 8.44 min Scan# 954
Delta R.T. 0.09 min
Lab File: BG022176.D
Acq: 6 Jun 2016 19:44

Tgt Ion: 79 Resp: 2538
Ion Ratio Lower Upper
79 100
108 24.8 59.4 89.0#
77 111.9 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

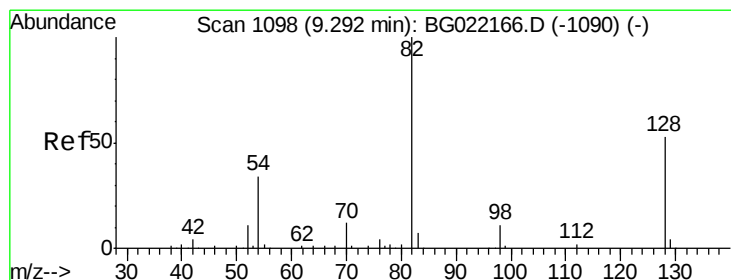
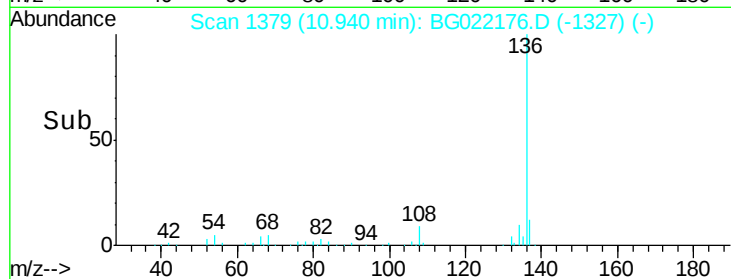
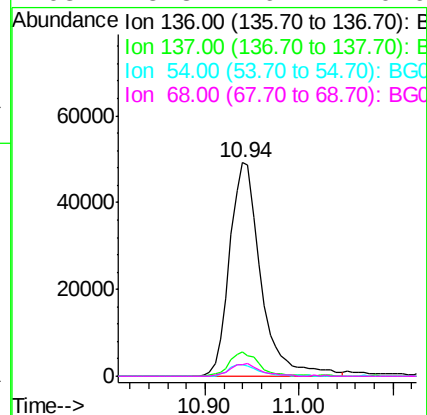
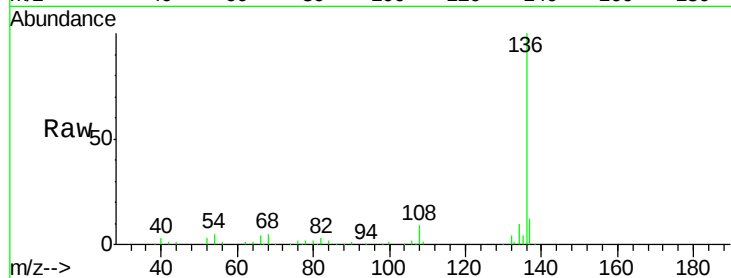




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BG022176.D
Acq: 6 Jun 2016 19:44

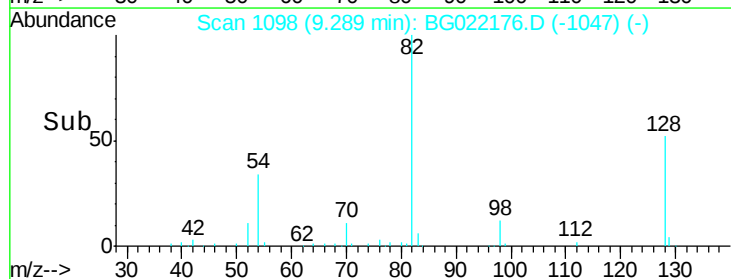
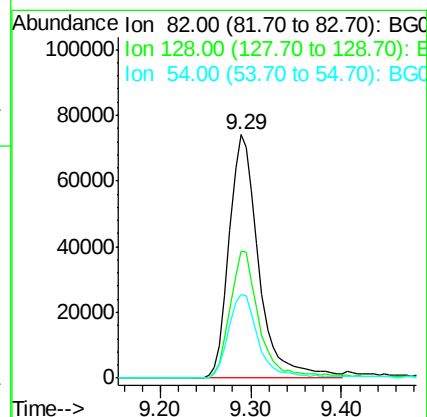
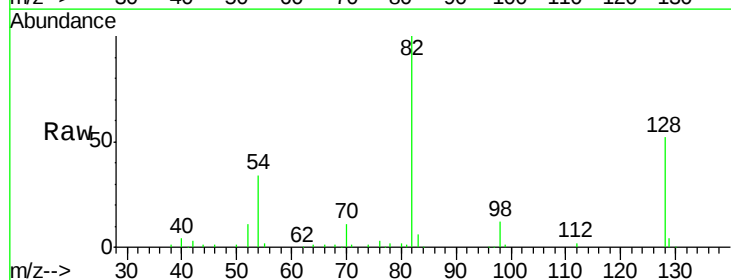
Instrument :
BNA_G
ClientSampleId :
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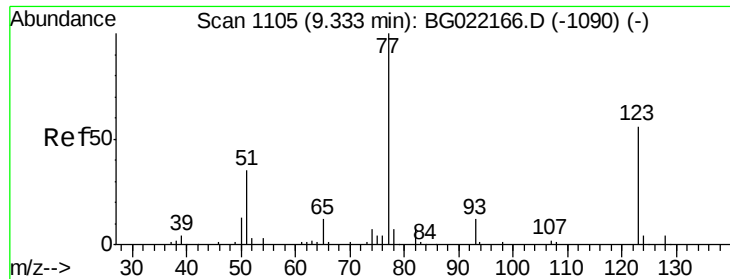
Tgt Ion:	136	Resp:	114033
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	5.4	9.6	14.4#
68	5.3	6.4	9.6#



#23
Nitrobenzene-d5
Concen: 103.12 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BG022176.D
Acq: 6 Jun 2016 19:44

Tgt Ion:	82	Resp:	168672
Ion	Ratio	Lower	Upper
82	100		
128	52.3	33.4	50.0#
54	34.2	46.1	69.1#

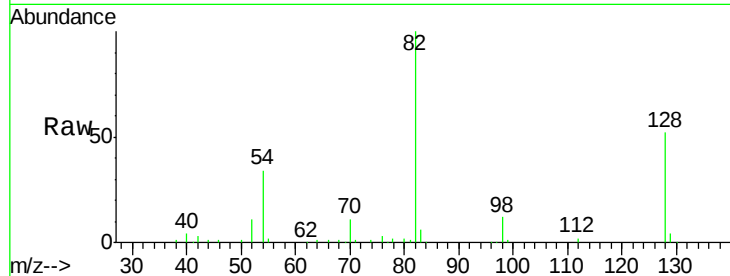




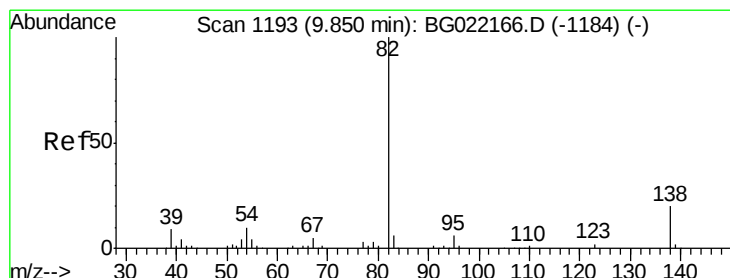
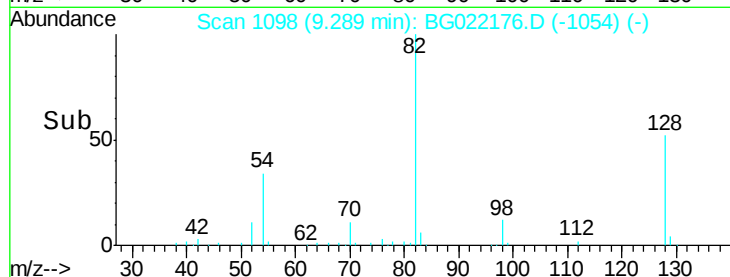
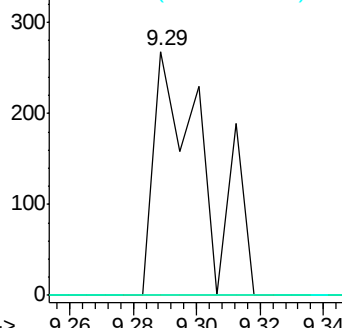
#24
 Nitrobenzene
 Concen: 0.18 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. -0.04 min
 Lab File: BG022176.D
 Acq: 6 Jun 2016 19:44

Instrument :
 BNA_G
 ClientSampleId :
 SB-15

Tgt Ion: 77 Resp: 298
 Ion Ratio Lower Upper
 77 100
 123 0.0 32.2 48.4#
 65 0.0 10.3 15.5#

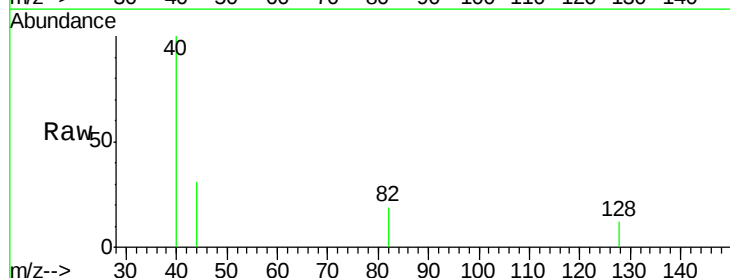


Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC

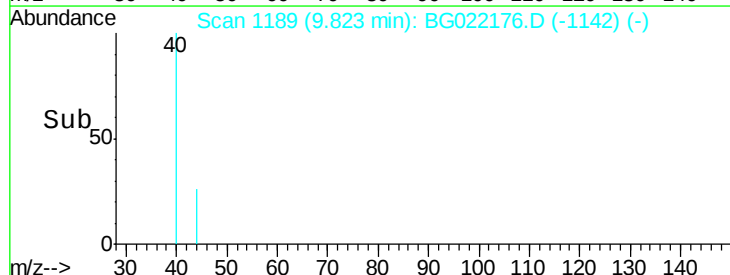
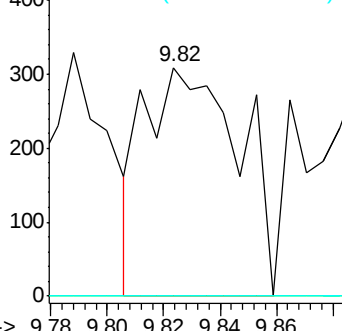


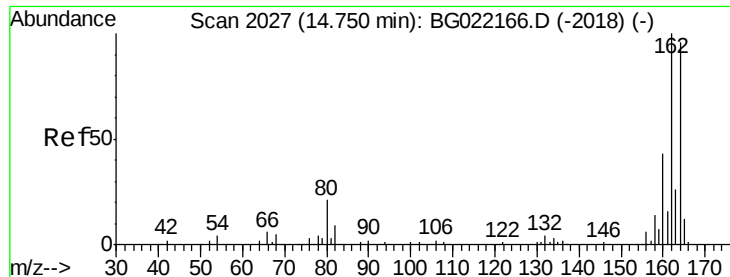
#25
 Isophorone
 Concen: 0.19 ng
 RT: 9.82 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BG022176.D
 Acq: 6 Jun 2016 19:44

Tgt Ion: 82 Resp: 722
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.0 9.0#
 138 0.0 13.4 20.0#



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BG022176.D

Acq: 6 Jun 2016 19:44

Instrument :

BNA_G

ClientSampleId :

SB-15

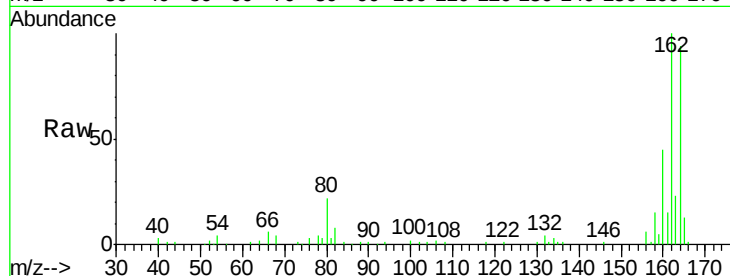
Tgt Ion:164 Resp: 72392

Ion Ratio Lower Upper

164 100

162 106.4 78.0 117.0

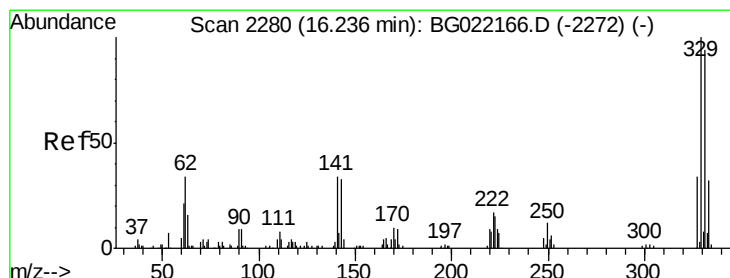
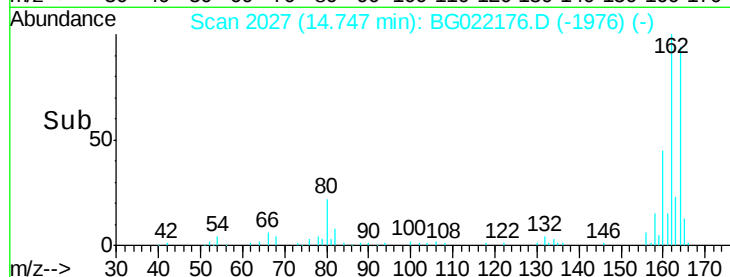
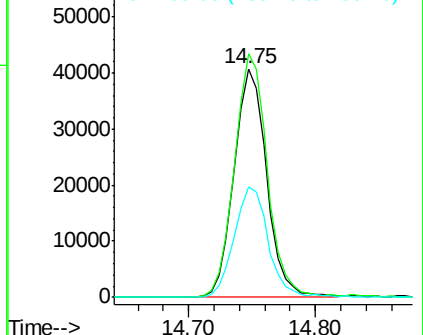
160 48.2 32.9 49.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 159.78 ng

RT: 16.23 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BG022176.D

Acq: 6 Jun 2016 19:44

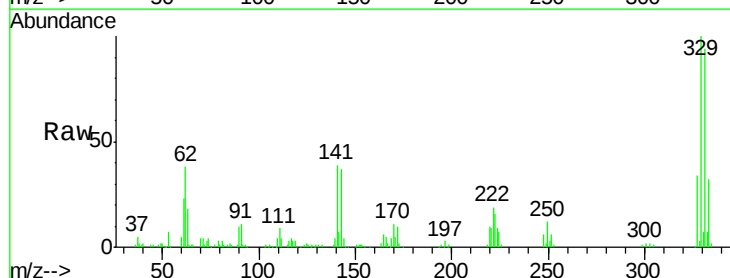
Tgt Ion:330 Resp: 130699

Ion Ratio Lower Upper

330 100

332 97.2 78.0 117.0

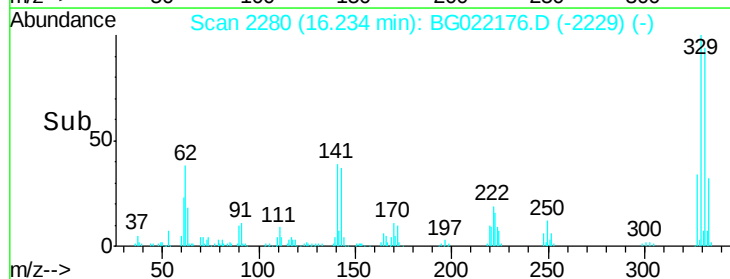
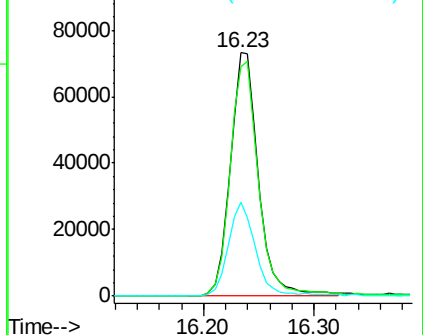
141 37.6 33.8 50.8

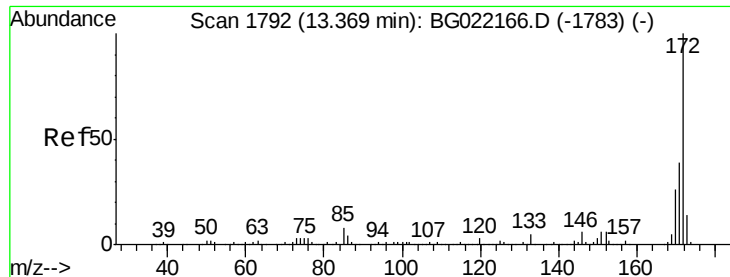


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

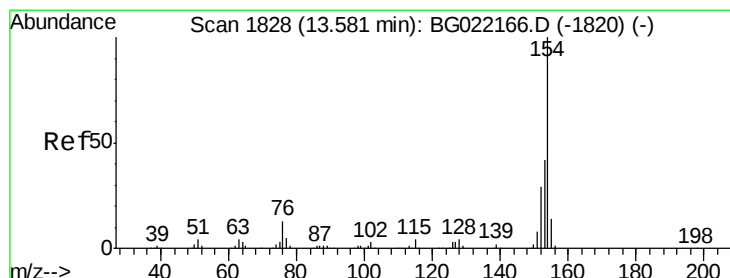
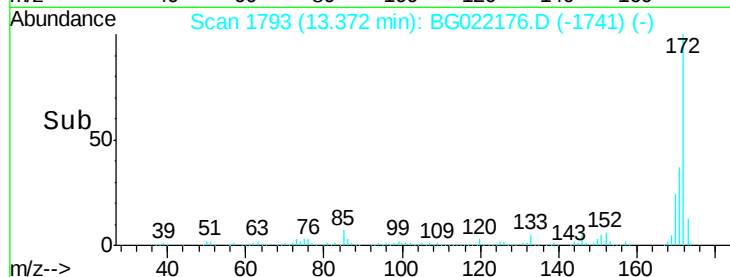
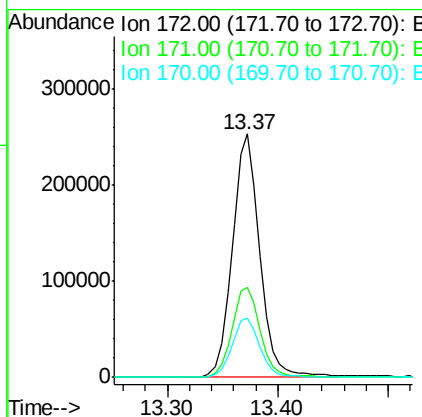
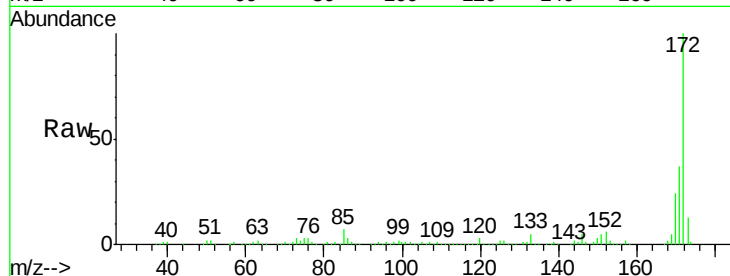




#44
 2-Fluorobiphenyl
 Concen: 92.84 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BG022176.D
 Acq: 6 Jun 2016 19:44

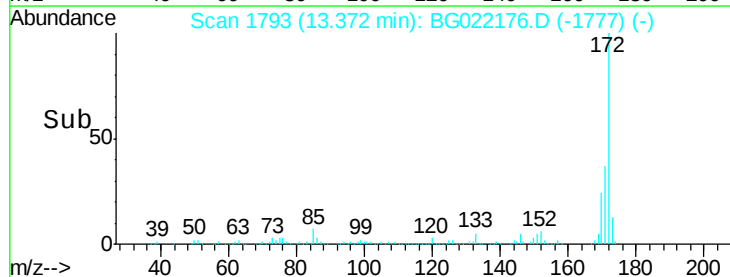
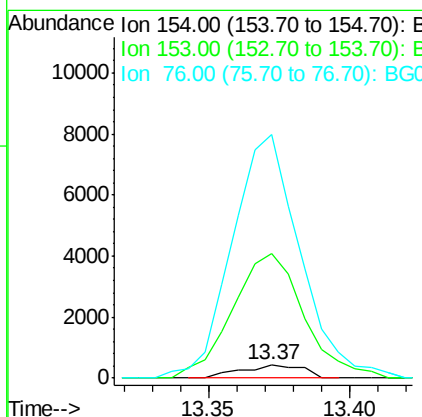
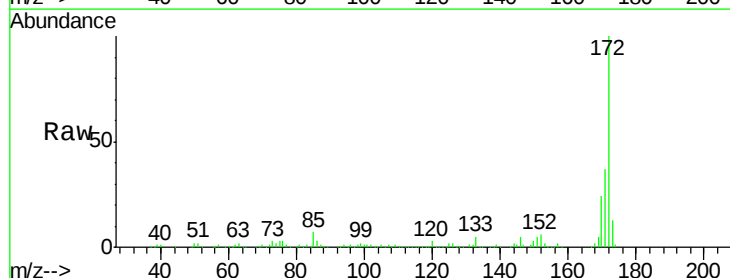
Instrument :
 BNA_G
 ClientSampleId :
 SB-15

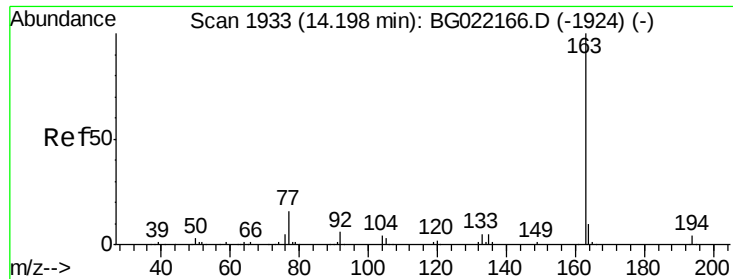
Tgt Ion:172 Resp: 441037
 Ion Ratio Lower Upper
 172 100
 171 37.2 27.8 41.6
 170 24.4 19.6 29.4



#45
 1,1'-Biphenyl
 Concen: 0.12 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.21 min
 Lab File: BG022176.D
 Acq: 6 Jun 2016 19:44

Tgt Ion:154 Resp: 671
 Ion Ratio Lower Upper
 154 100
 153 906.4 19.7 59.7#
 76 1772.9 0.0 33.0#





#49

Dimethylphthalate

Concen: 8.84 ng

RT: 14.19 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BG022176.D

Acq: 6 Jun 2016 19:44

Instrument :

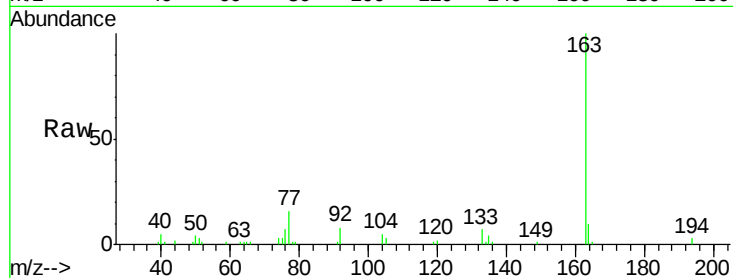
BNA_G

ClientSampleId :

SB-15

Tgt Ion:163 Resp: 53080

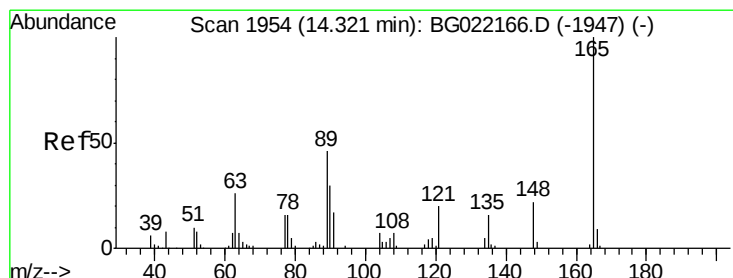
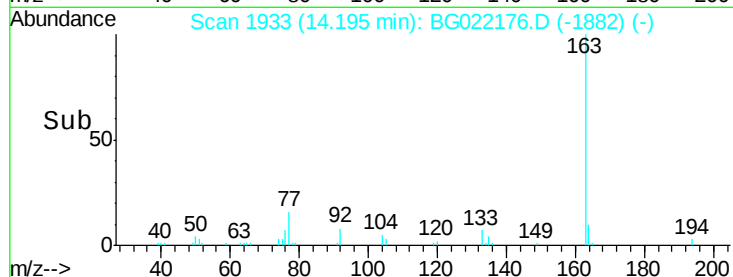
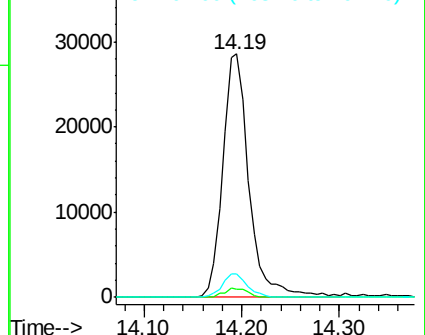
Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.0	4.6
164	9.8	8.1	12.1



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: 0.47 ng

RT: 14.19 min Scan# 1933

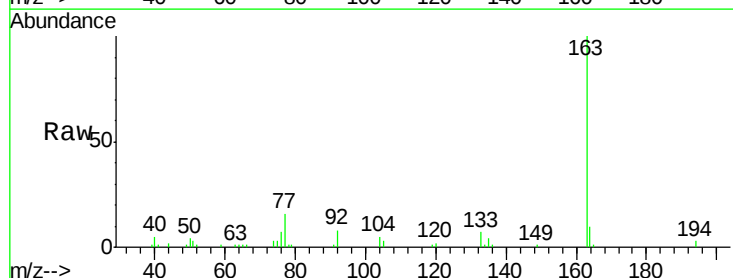
Delta R.T. -0.13 min

Lab File: BG022176.D

Acq: 6 Jun 2016 19:44

Tgt Ion:165 Resp: 612

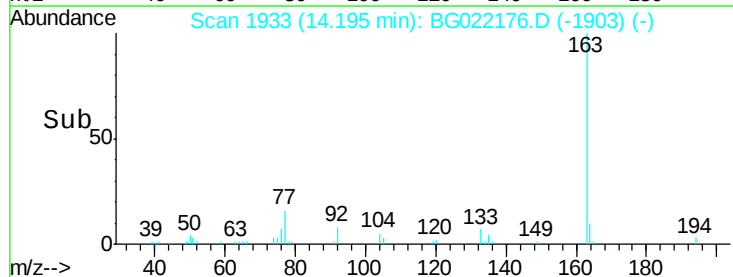
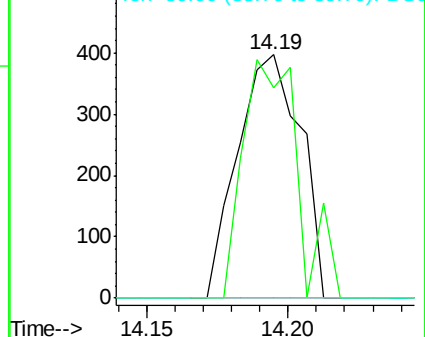
Ion	Ratio	Lower	Upper
165	100		
63	86.6	48.2	72.4#
89	0.0	45.3	67.9#

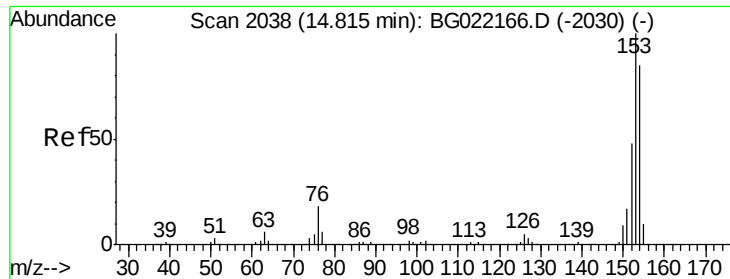


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 0.01 ng

RT: 14.76 min Scan# 2029

Delta R.T. -0.06 min

Lab File: BG022176.D

Acq: 6 Jun 2016 19:44

Instrument :

BNA_G

ClientSampleId :

SB-15

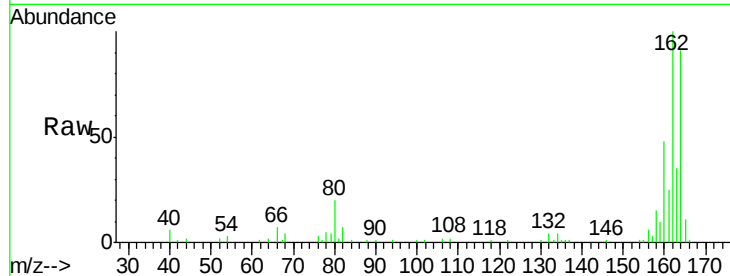
Tgt Ion:154 Resp: 56

Ion Ratio Lower Upper

154 100

153 0.0 91.9 137.9#

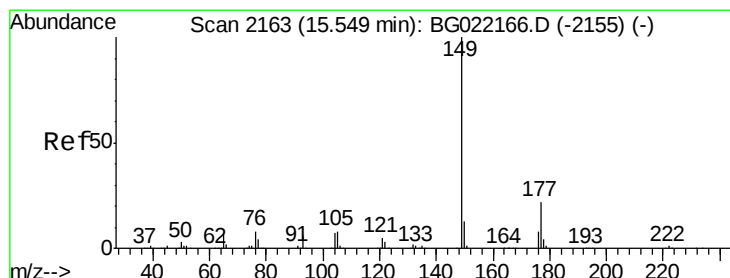
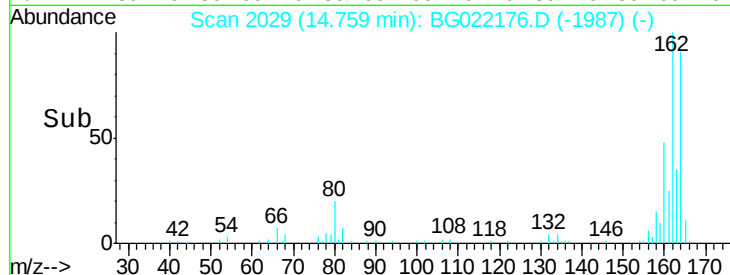
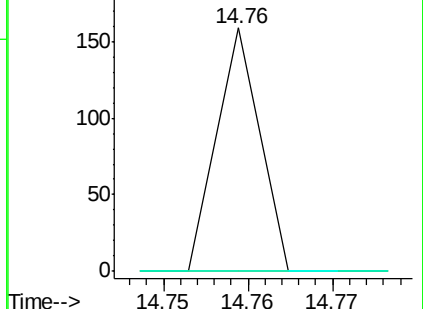
152 0.0 42.0 63.0#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#59

Diethylphthalate

Concen: 0.02 ng

RT: 15.55 min Scan# 2164

Delta R.T. 0.00 min

Lab File: BG022176.D

Acq: 6 Jun 2016 19:44

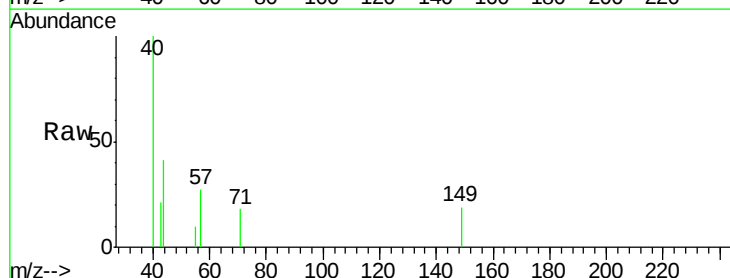
Tgt Ion:149 Resp: 102

Ion Ratio Lower Upper

149 100

177 0.0 17.3 25.9#

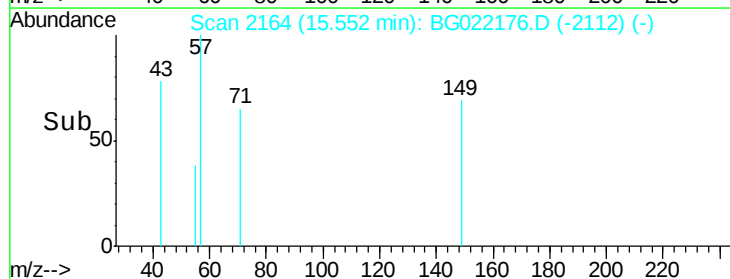
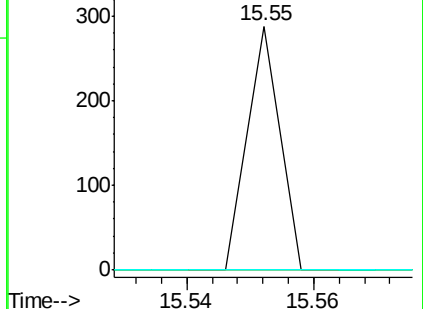
150 0.0 9.7 14.5#

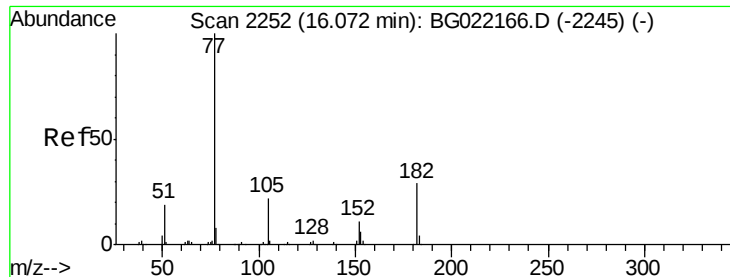


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#62

Azobenzene

Concen: 0.09 ng

RT: 16.23 min Scan# 2280

Delta R.T. 0.16 min

Lab File: BG022176.D

Acq: 6 Jun 2016 19:44

Instrument :

BNA_G

ClientSampleId :

SB-15

Tgt Ion: 77 Resp: 461

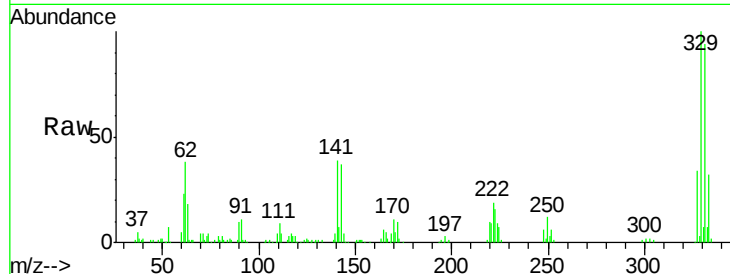
Ion Ratio Lower Upper

77 100

182 0.0 4.1 44.1#

105 79.4 0.0 39.8#

51 65.4 11.1 51.1#

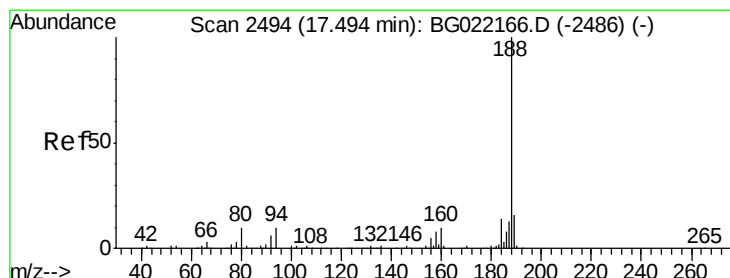
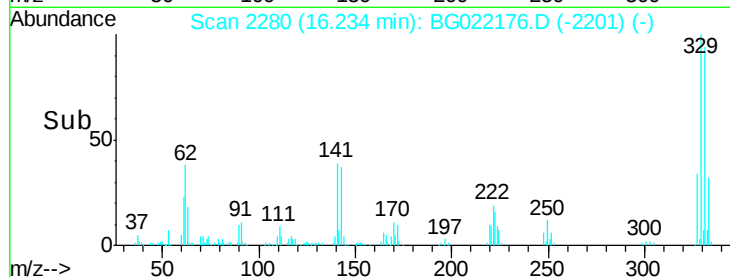
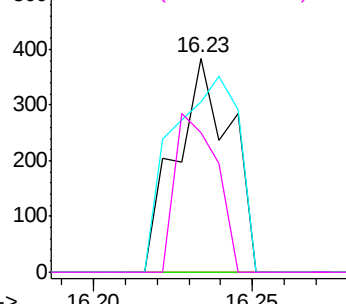


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2494

Delta R.T. -0.00 min

Lab File: BG022176.D

Acq: 6 Jun 2016 19:44

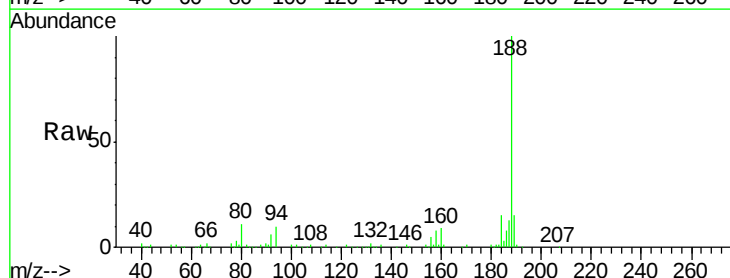
Tgt Ion: 188 Resp: 170950

Ion Ratio Lower Upper

188 100

94 10.0 7.5 11.3

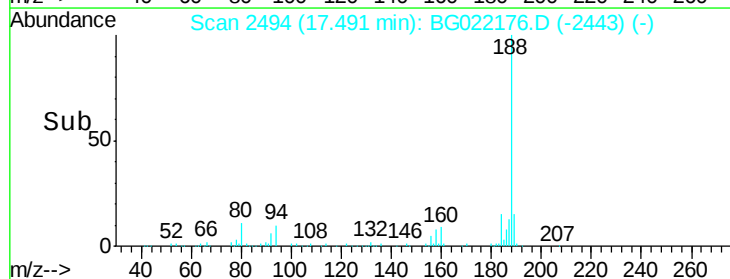
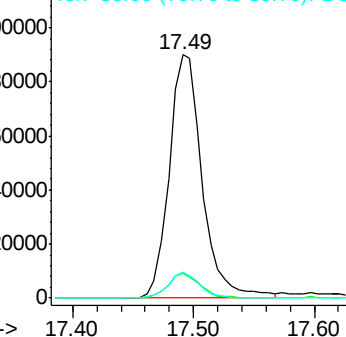
80 10.8 8.6 13.0

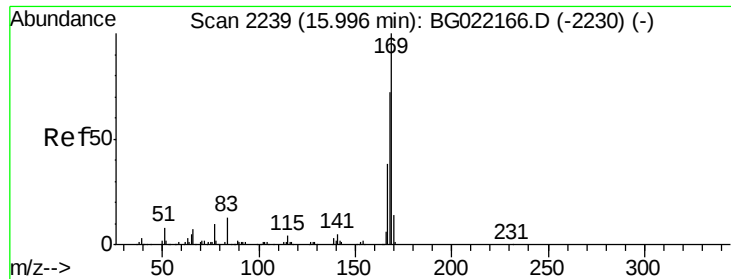


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

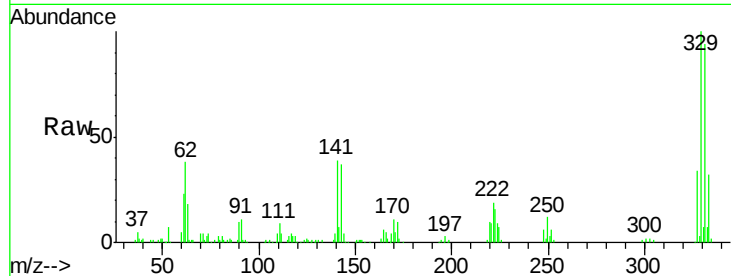




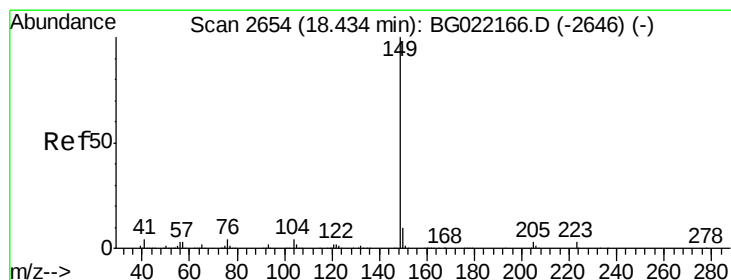
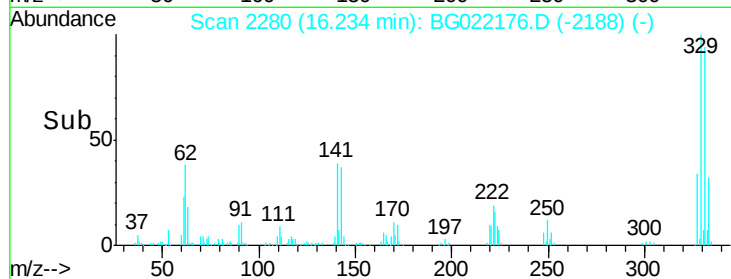
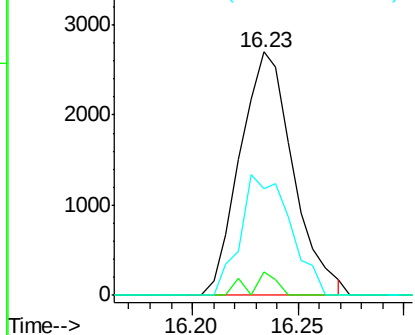
#65
 n-Nitrosodiphenylamine
 Concen: 0.96 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. 0.24 min
 Lab File: BG022176.D
 Acq: 6 Jun 2016 19:44

Instrument :
 BNA_G
 ClientSampleId :
 SB-15

Tgt Ion:169 Resp: 4704
 Ion Ratio Lower Upper
 169 100
 168 9.9 59.6 89.4#
 167 53.6 31.2 46.8#

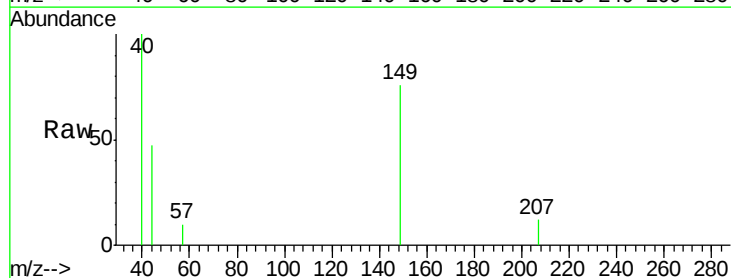


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

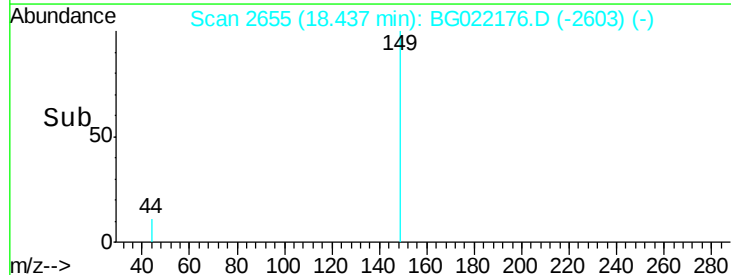
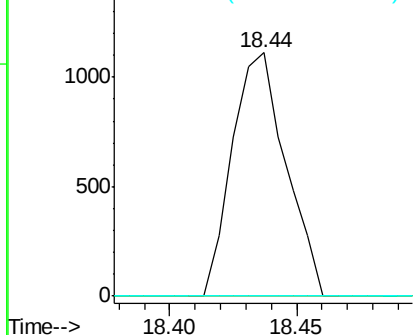


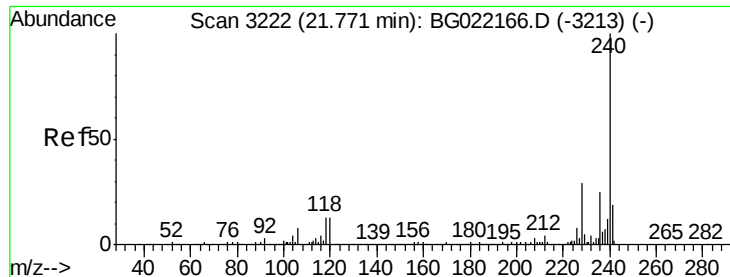
#73
 Di-n-butylphthalate
 Concen: 0.14 ng
 RT: 18.44 min Scan# 2655
 Delta R.T. 0.00 min
 Lab File: BG022176.D
 Acq: 6 Jun 2016 19:44

Tgt Ion:149 Resp: 1641
 Ion Ratio Lower Upper
 149 100
 150 0.0 7.4 11.0#
 104 0.0 4.0 6.0#



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BG022176.D

Acq: 6 Jun 2016 19:44

Instrument :

BNA_G

ClientSampleId :

SB-15

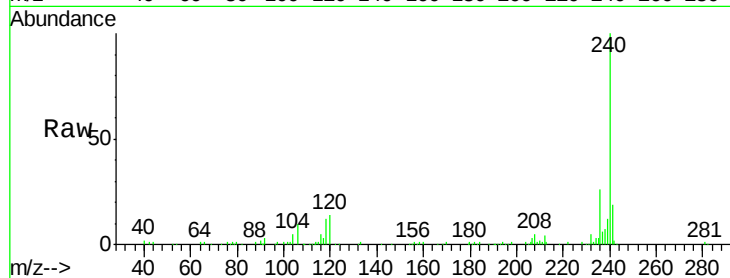
Tgt Ion:240 Resp: 181866

Ion Ratio Lower Upper

240 100

120 13.7 8.4 12.6#

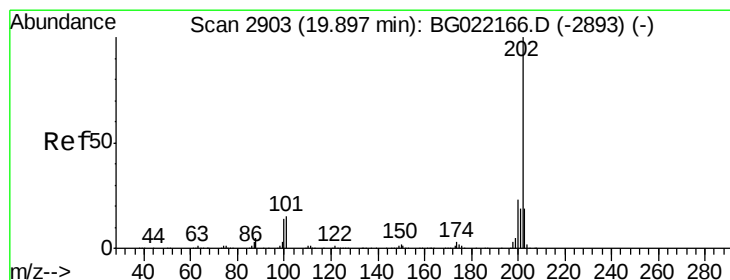
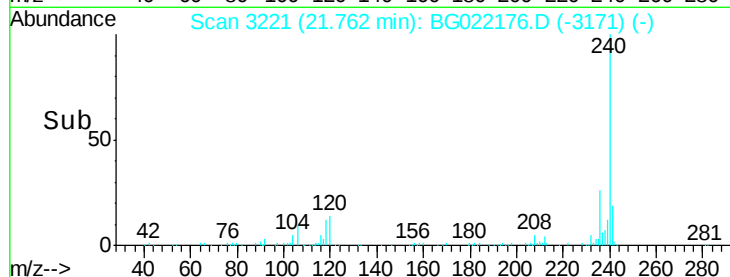
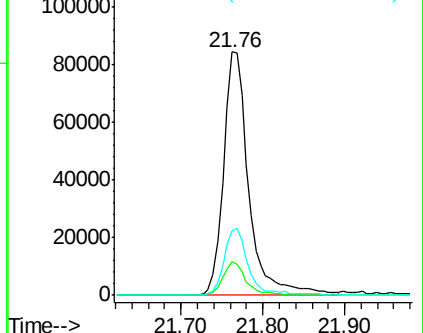
236 26.2 19.6 29.4



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: 20.08 min Scan# 2935

Delta R.T. 0.19 min

Lab File: BG022176.D

Acq: 6 Jun 2016 19:44

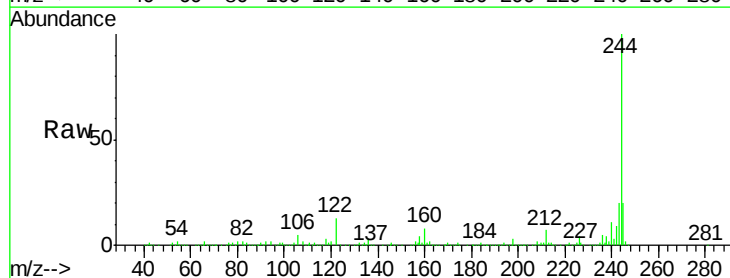
Tgt Ion:202 Resp: 2263

Ion Ratio Lower Upper

202 100

200 43.3 18.2 27.2#

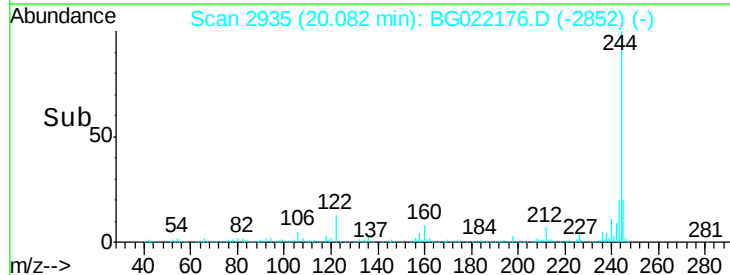
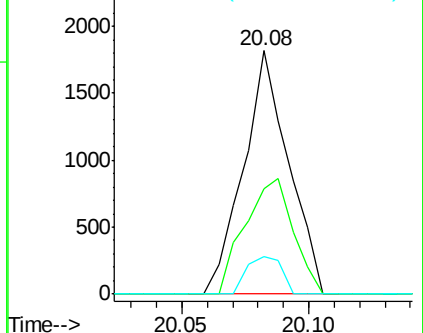
203 15.2 15.0 22.4

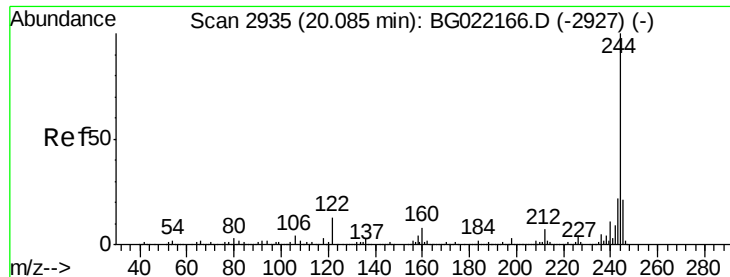


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 90.15 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.00 min

Lab File: BG022176.D

Acq: 6 Jun 2016 19:44

Instrument :

BNA_G

ClientSampleId :

SB-15

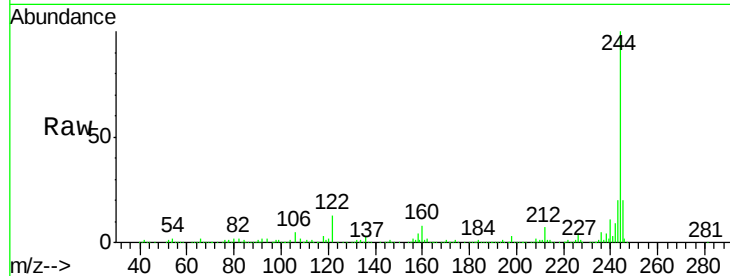
Tgt Ion:244 Resp: 690569

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

122 12.8 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

600000

500000

400000

300000

200000

100000

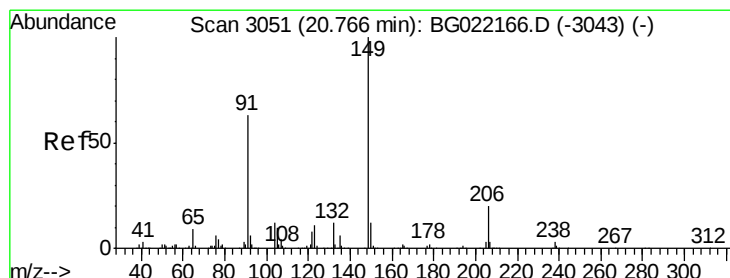
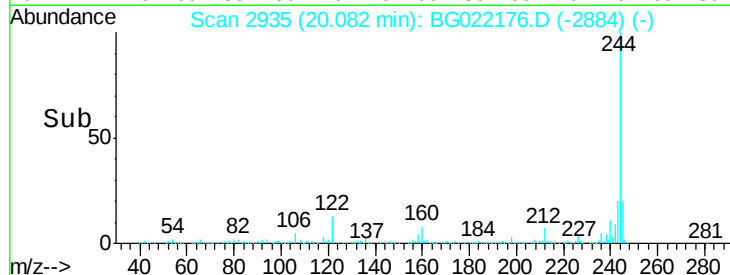
0

20.08

20.10

20.20

Time-->



#79

Butylbenzylphthalate

Concen: 0.01 ng

RT: 20.76 min Scan# 3050

Delta R.T. -0.01 min

Lab File: BG022176.D

Acq: 6 Jun 2016 19:44

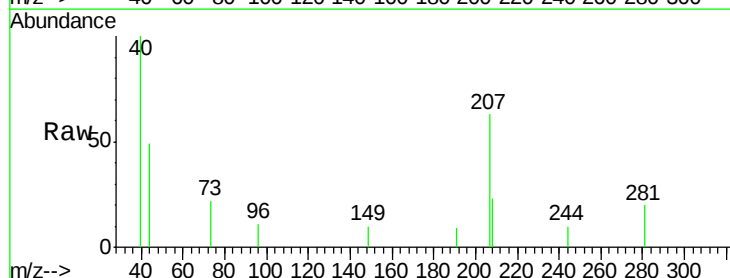
Tgt Ion:149 Resp: 59

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

200

150

100

50

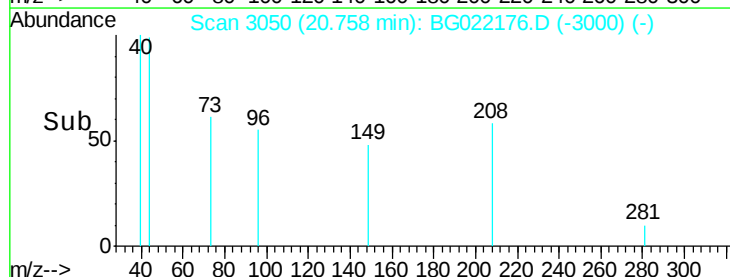
0

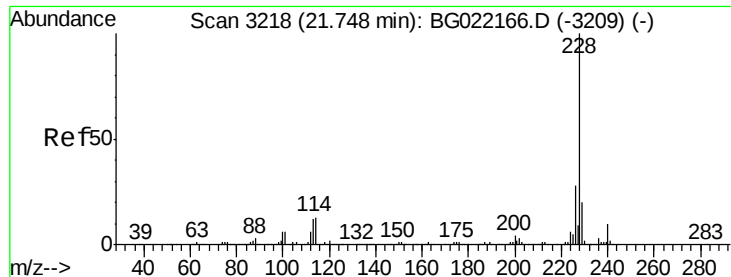
20.76

20.74

20.76

Time-->





#80

Benzo(a)anthracene

Concen: 0.05 ng

RT: 21.75 min Scan# 3219

Delta R.T. 0.00 min

Lab File: BG022176.D

Acq: 6 Jun 2016 19:44

Instrument :

BNA_G

ClientSampleId :

SB-15

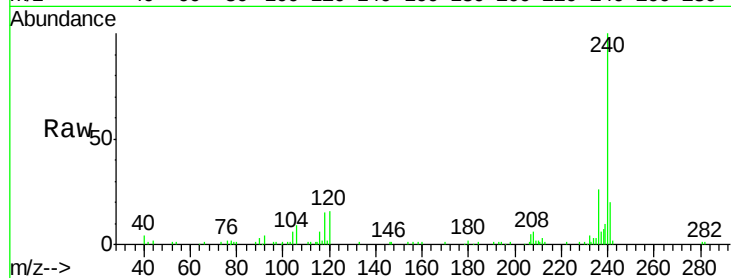
Tgt Ion:228 Resp: 520

Ion Ratio Lower Upper

228 100

226 0.0 22.6 34.0#

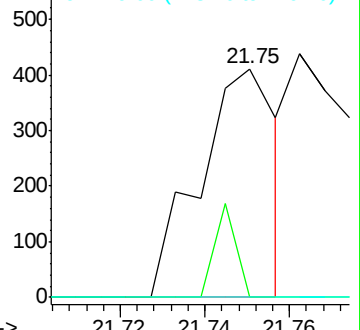
229 0.0 16.1 24.1#



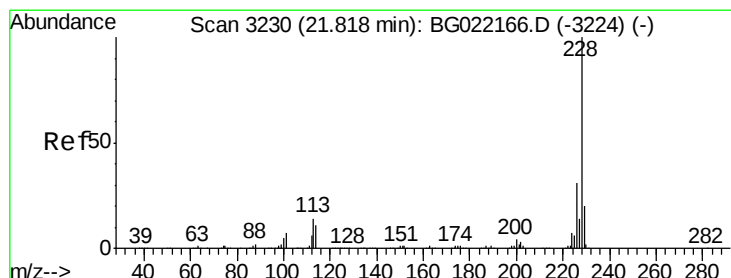
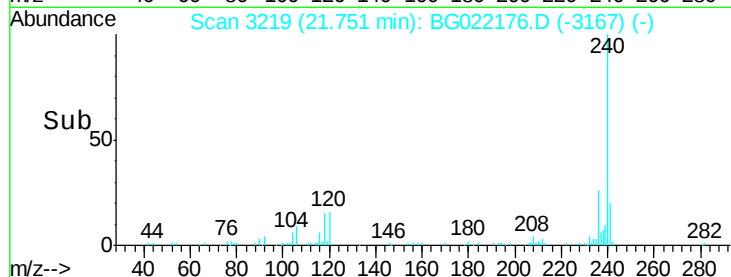
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#82

Chrysene

Concen: 0.08 ng

RT: 21.82 min Scan# 3230

Delta R.T. -0.00 min

Lab File: BG022176.D

Acq: 6 Jun 2016 19:44

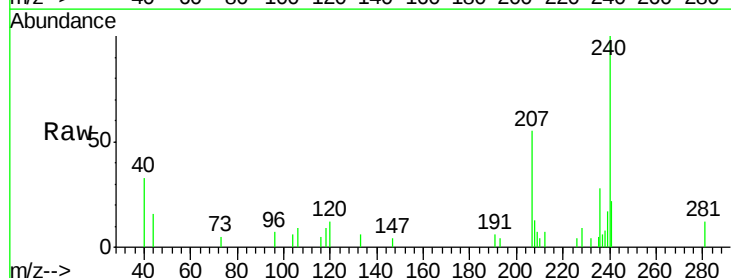
Tgt Ion:228 Resp: 777

Ion Ratio Lower Upper

228 100

226 43.5 25.4 38.0#

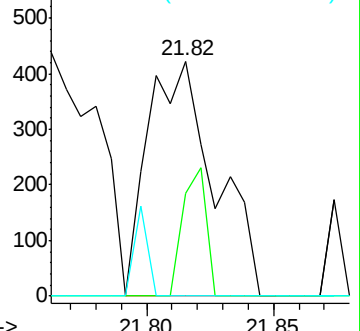
229 0.0 15.9 23.9#



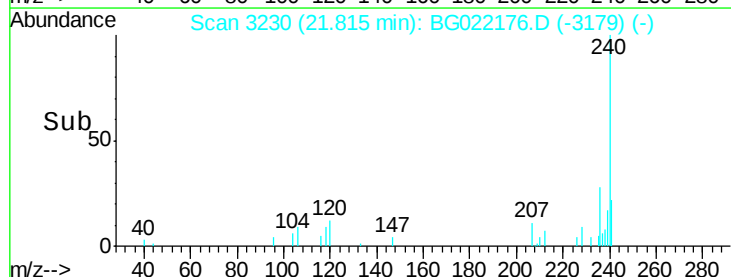
Abundance Ion 228.00 (227.70 to 228.70): E

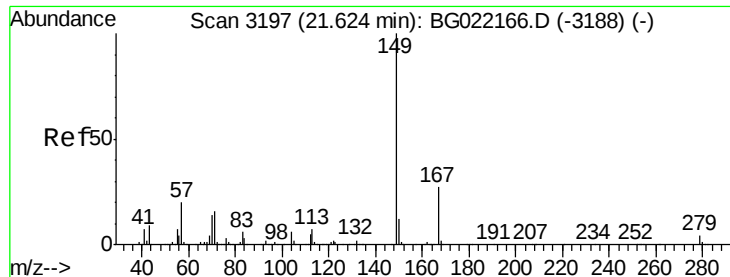
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.14 ng

RT: 21.62 min Scan# 3197

Delta R.T. -0.00 min

Lab File: BG022176.D

Acq: 6 Jun 2016 19:44

Instrument :

BNA_G

ClientSampleId :

SB-15

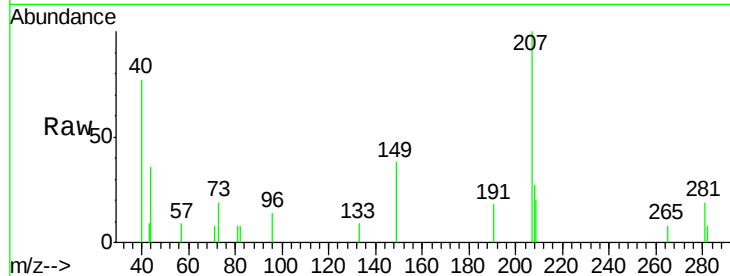
Tgt Ion:149 Resp: 1077

Ion Ratio Lower Upper

149 100

167 0.0 22.4 33.6#

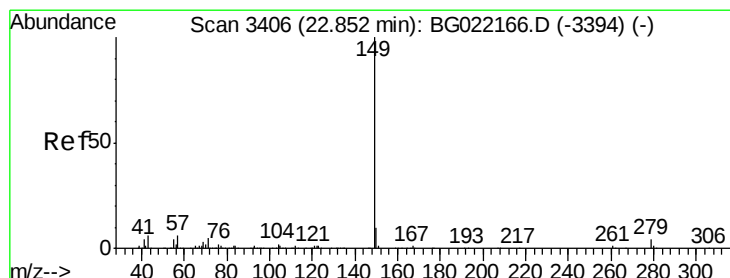
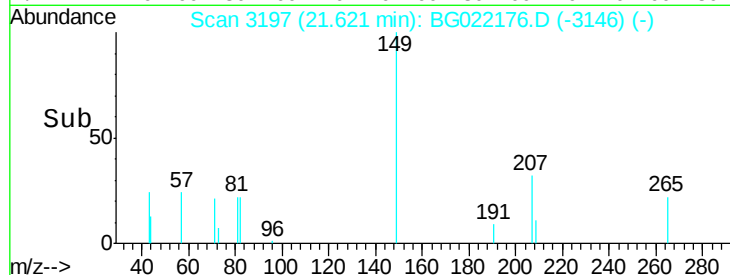
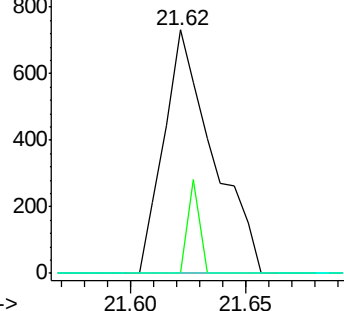
279 0.0 3.2 4.8#



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: 0.04 ng

RT: 22.86 min Scan# 3407

Delta R.T. 0.00 min

Lab File: BG022176.D

Acq: 6 Jun 2016 19:44

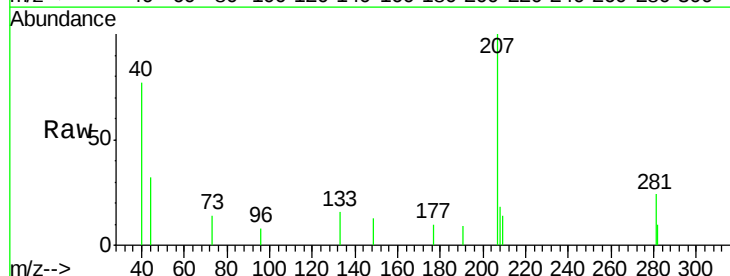
Tgt Ion:149 Resp: 565

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

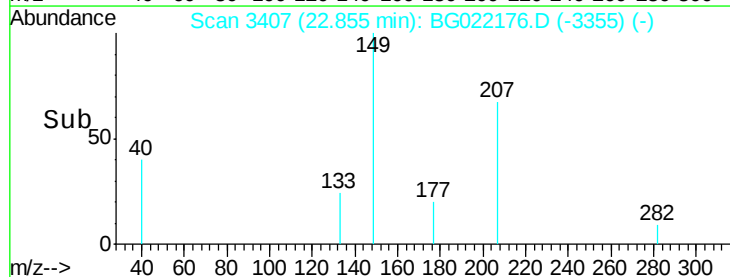
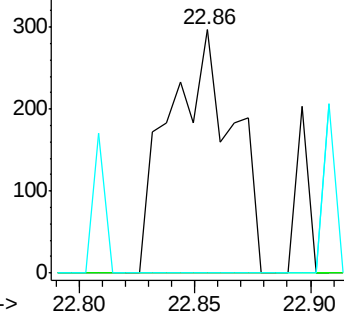
43 0.0 9.8 14.6#

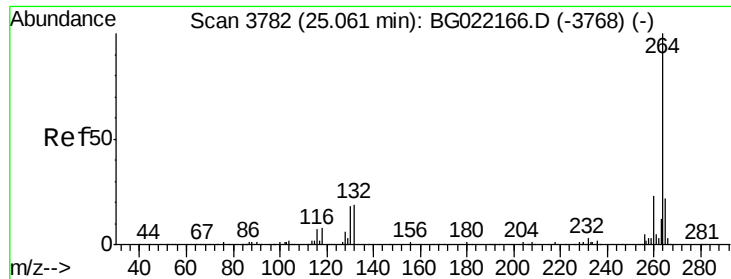


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.06 min Scan# 3782

Delta R.T. -0.00 min

Lab File: BG022176.D

Acq: 6 Jun 2016 19:44

Instrument :

BNA_G

ClientSampleId :

SB-15

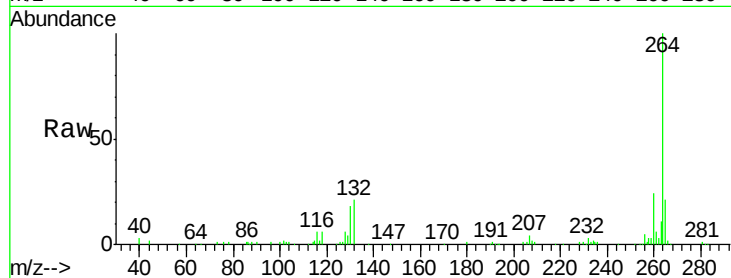
Tgt Ion:264 Resp: 174969

Ion Ratio Lower Upper

264 100

260 24.3 20.2 30.4

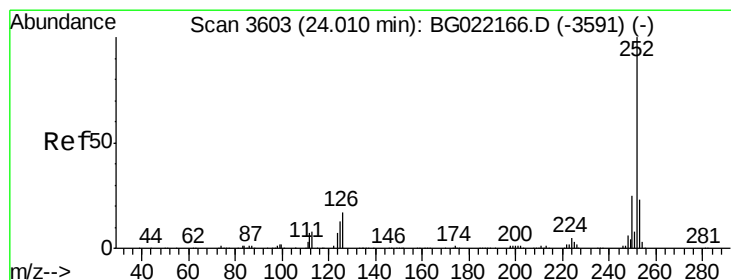
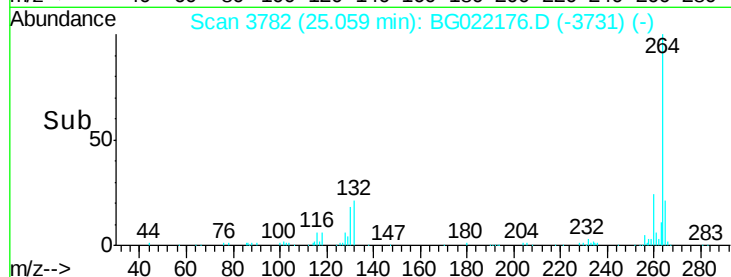
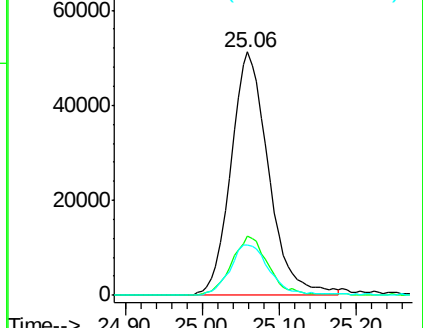
265 20.9 17.8 26.8



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: 0.01 ng

RT: 24.02 min Scan# 3605

Delta R.T. 0.01 min

Lab File: BG022176.D

Acq: 6 Jun 2016 19:44

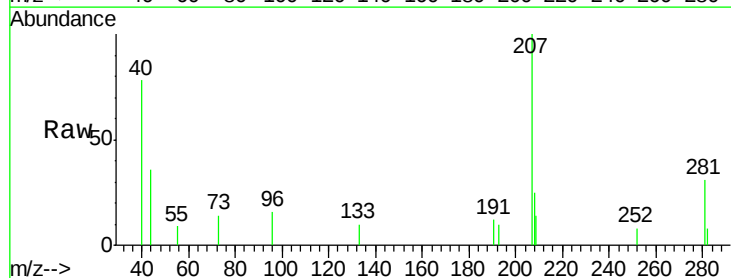
Tgt Ion:252 Resp: 56

Ion Ratio Lower Upper

252 100

253 0.0 17.5 26.3#

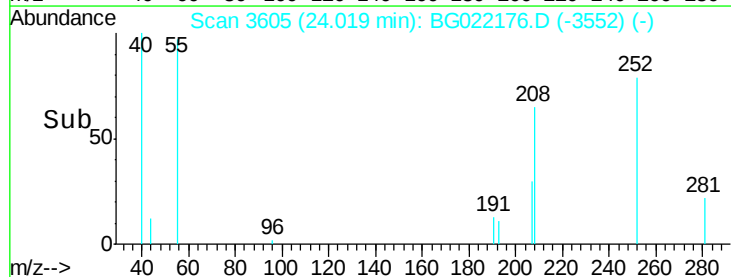
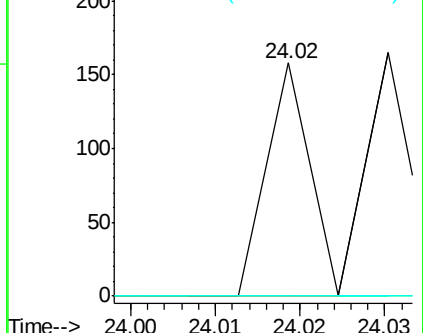
125 0.0 8.6 13.0#

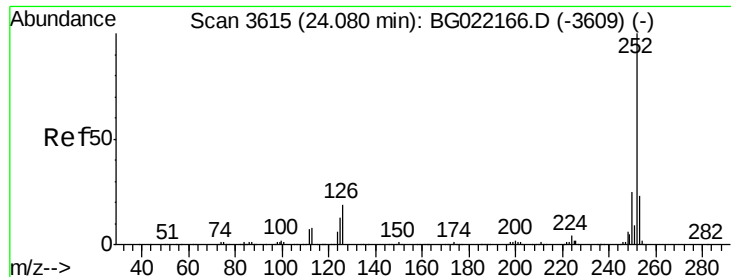


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

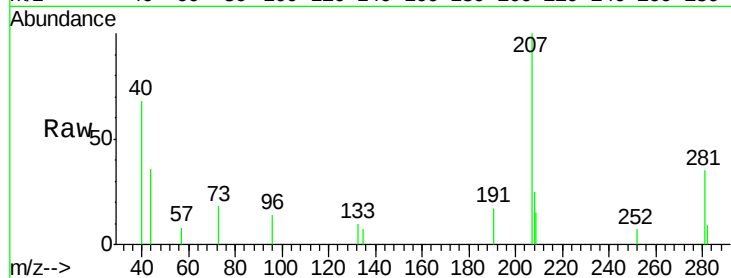




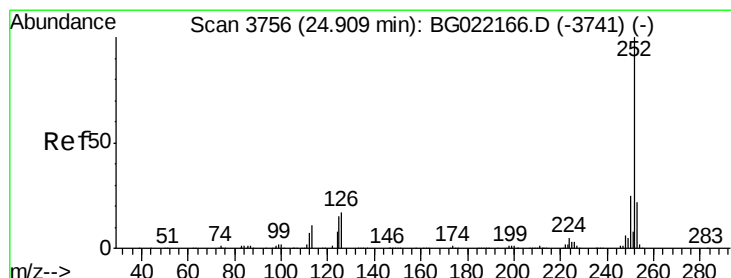
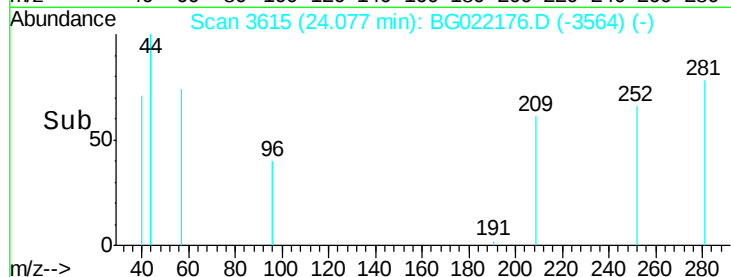
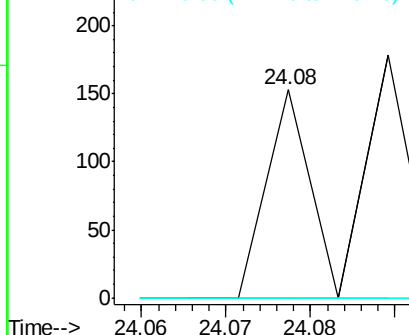
#88
Benzo(k)fluoranthene
Concen: 0.01 ng
RT: 24.08 min Scan# 3615
Delta R.T. -0.00 min
Lab File: BG022176.D
Acq: 6 Jun 2016 19:44

Instrument :
BNA_G
ClientSampled :
SB-15

Tgt Ion:252 Resp: 54
Ion Ratio Lower Upper
252 100
253 0.0 17.8 26.8#
125 0.0 8.3 12.5#

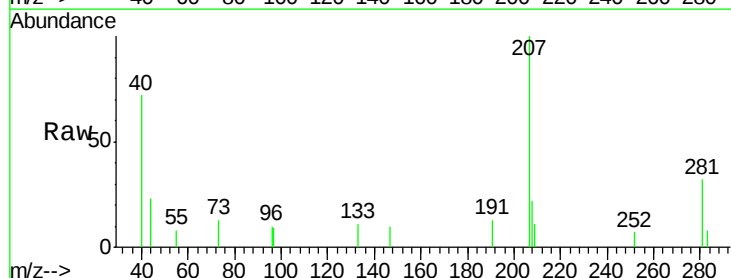


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

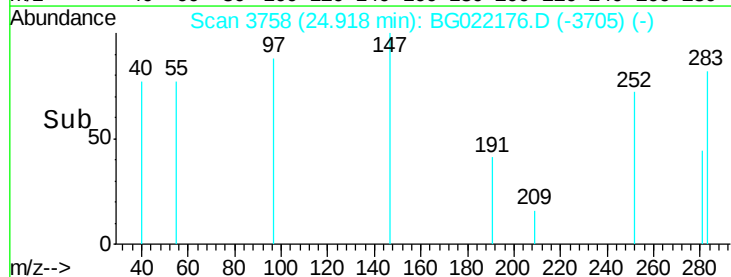
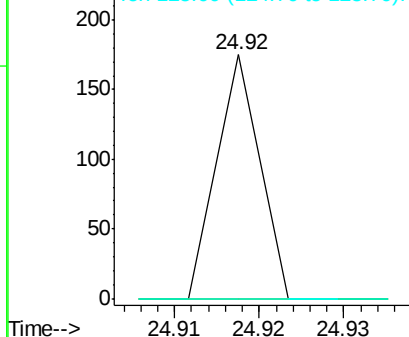


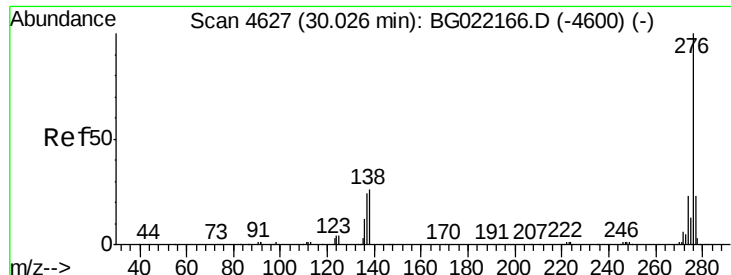
#89
Benzo(a)pyrene
Concen: 0.01 ng
RT: 24.92 min Scan# 3758
Delta R.T. 0.01 min
Lab File: BG022176.D
Acq: 6 Jun 2016 19:44

Tgt Ion:252 Resp: 62
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: 30.05 min Scan# 4631

Delta R.T. 0.02 min

Lab File: BG022176.D

Acq: 6 Jun 2016 19:44

Instrument :

BNA_G

ClientSampleId :

SB-15

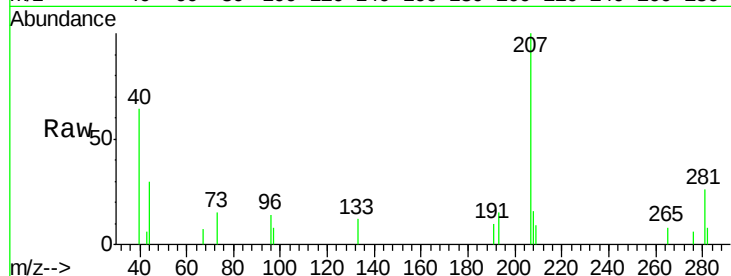
Tgt Ion: 276 Resp: 54

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

