

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060616\
 Data File : BG022186.D
 Acq On : 7 Jun 2016 2:31
 Operator : UM/SJ
 Sample : H3402-18
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-14

Quant Time: Jun 07 03:24:50 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	24248	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	111101	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	70291	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	162450	20.00	ng	0.00
75) Chrysene-d12	21.77	240	175397	20.00	ng	0.00
86) Perylene-d12	25.05	264	167206	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	230843	184.07	ng	0.00
7) Phenol-d6	7.28	99	326166	165.41	ng	0.00
23) Nitrobenzene-d5	9.29	82	163215	102.42	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	126012	158.65	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	422039	91.50	ng	0.00
78) Terphenyl-d14	20.08	244	647715	87.67	ng	0.00

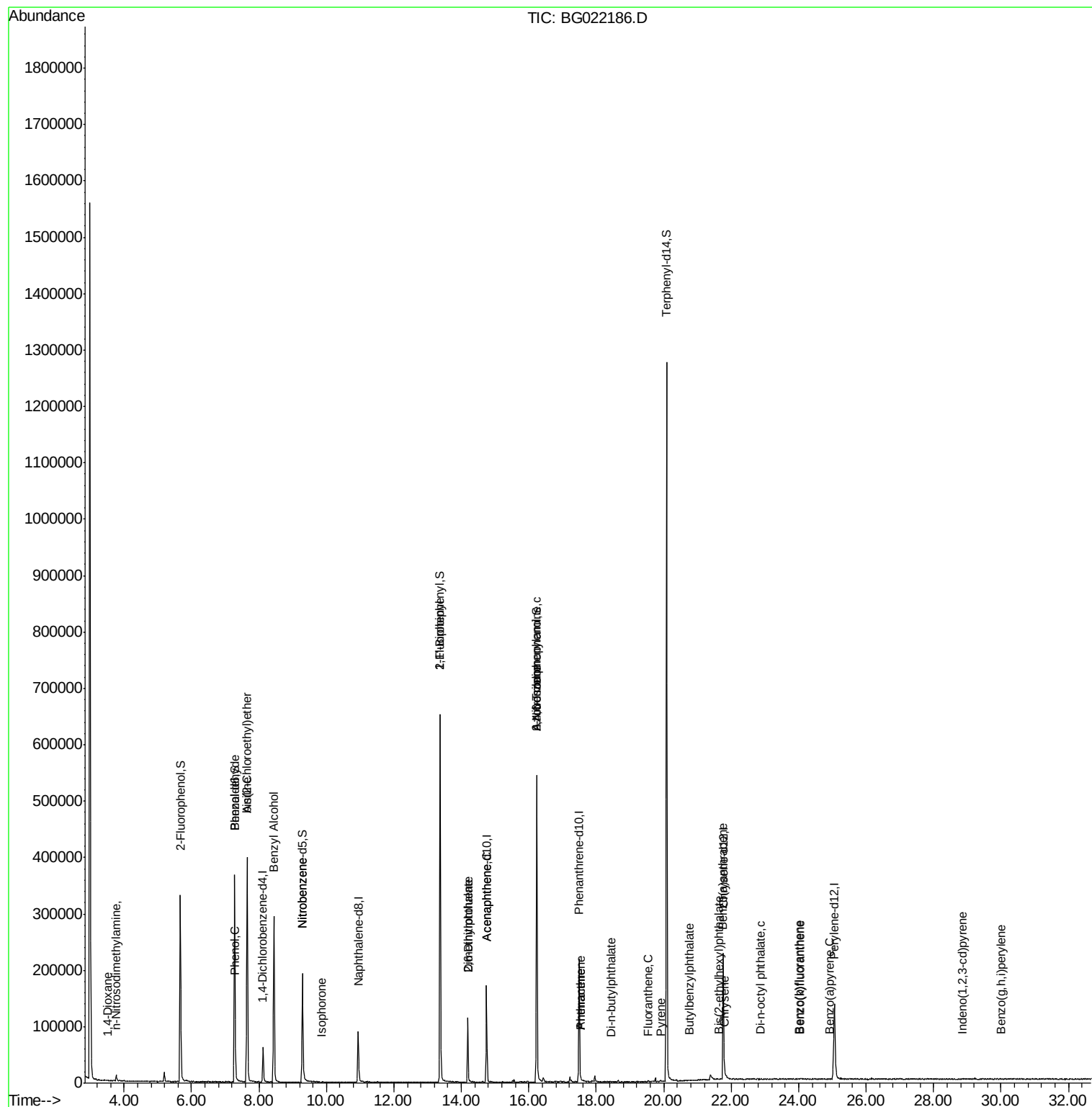
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	87	0.14	ng	# 39
4) n-Nitrosodimethylamine	3.76	42	421	1.16	ng	# 1
6) Aniline	7.65	93	227	0.09	ng	# 1
9) Benzaldehyde	7.28	77	252	0.23	ng	# 7
10) Phenol	7.30	94	1643	0.81	ng	# 40
11) bis(2-Chloroethyl)ether	7.65	93	227	0.14	ng	# 1
15) Benzyl Alcohol	8.45	79	2292	1.80	ng	# 56
24) Nitrobenzene	9.30	77	306	0.19	ng	# 43
25) Isophorone	9.86	82	362	0.10	ng	# 67
45) 1,1'-Biphenyl	13.37	154	574	0.11	ng	# 1
49) Dimethylphthalate	14.19	163	99523	17.08	ng	100
50) 2,6-Dinitrotoluene	14.20	165	982	0.78	ng	# 41
51) Acenaphthene	14.75	154	137	0.03	ng	# 4
62) Azobenzene	16.23	77	400	0.08	ng	# 1
65) n-Nitrosodiphenylamine	16.23	169	4330	0.93	ng	# 40
70) Phenanthrene	17.53	178	1260	0.14	ng	# 59
71) Anthracene	17.53	178	1260	0.14	ng	# 61
73) Di-n-butylphthalate	18.44	149	406	0.04	ng	# 78
74) Fluoranthene	19.54	202	2024	0.20	ng	95
77) Pyrene	19.91	202	1921	0.18	ng	# 80
79) Butylbenzylphthalate	20.76	149	109	0.02	ng	# 23
80) Benzo(a)anthracene	21.75	228	1434	0.15	ng	# 66
82) Chrysene	21.82	228	983	0.10	ng	# 48
83) Bis(2-ethylhexyl)phthalate	21.63	149	526	0.07	ng	# 52
84) Di-n-octyl phthalate	22.85	149	177	0.01	ng	# 25
85) Indeno(1,2,3-cd)pyrene	28.85	276	65	0.01	ng	# 54
87) Benzo(b)fluoranthene	24.03	252	506	0.05	ng	# 60
88) Benzo(k)fluoranthene	24.05	252	602	0.06	ng	# 59
89) Benzo(a)pyrene	24.92	252	656	0.07	ng	# 60
91) Benzo(g,h,i)perylene	30.01	276	56	0.01	ng	# 53

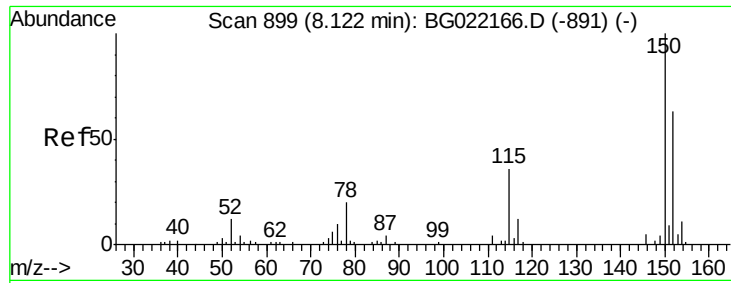
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG022186.D

Acq: 7 Jun 2016 2:31

Instrument :

BNA_G

ClientSampleId :

SB-14

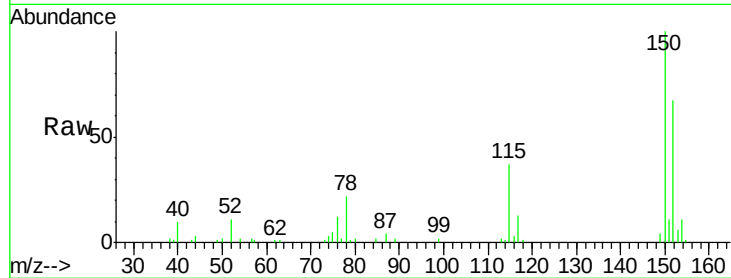
Tgt Ion:152 Resp: 24248

Ion Ratio Lower Upper

152 100

150 150.0 130.1 195.1

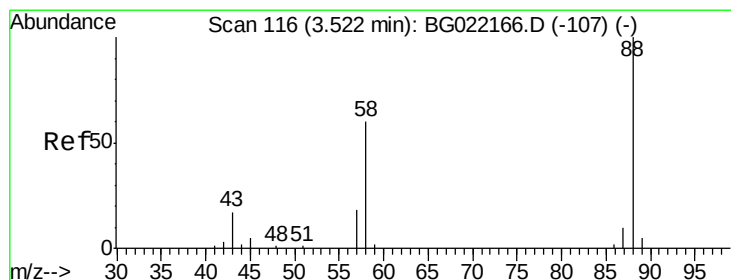
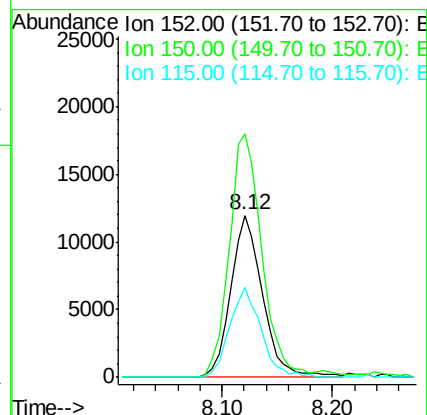
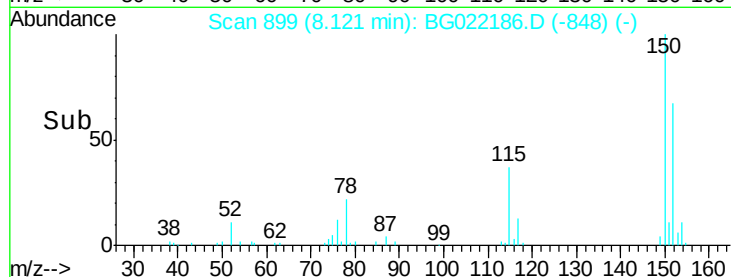
115 55.1 62.2 93.2#



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: 0.14 ng

RT: 3.51 min Scan# 115

Delta R.T. -0.01 min

Lab File: BG022186.D

Acq: 7 Jun 2016 2:31

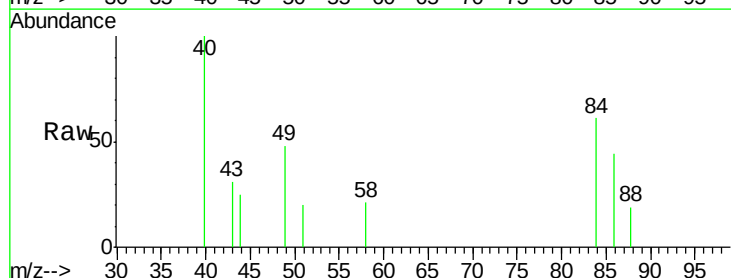
Tgt Ion: 88 Resp: 87

Ion Ratio Lower Upper

88 100

58 0.0 36.8 55.2#

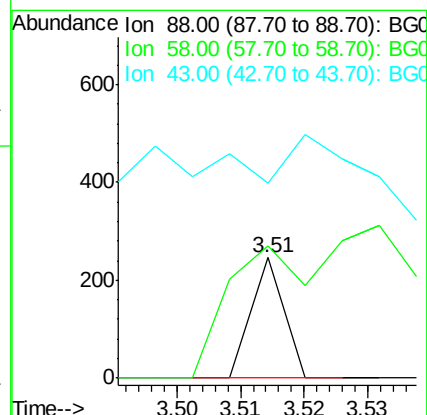
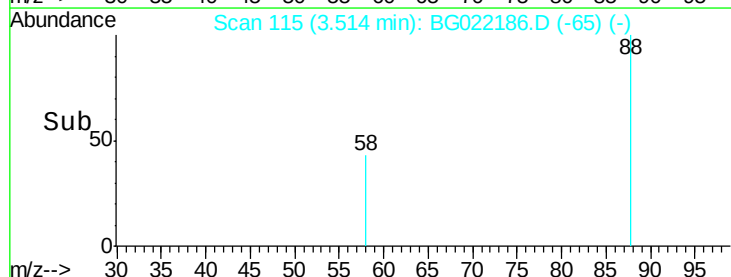
43 0.0 10.4 15.6#

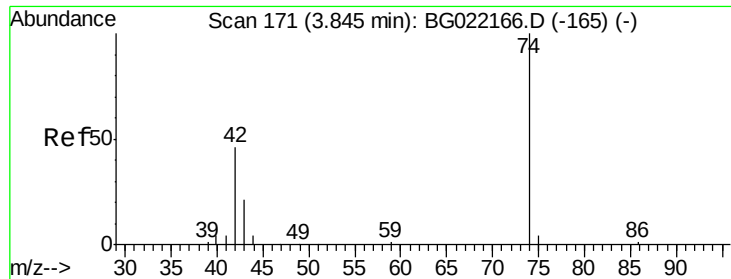


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#4

n-Nitrosodimethylamine

Concen: 1.16 ng

RT: 3.76 min Scan# 157

Delta R.T. -0.08 min

Lab File: BG022186.D

Acq: 7 Jun 2016 2:31

Instrument :

BNA_G

ClientSampleId :

SB-14

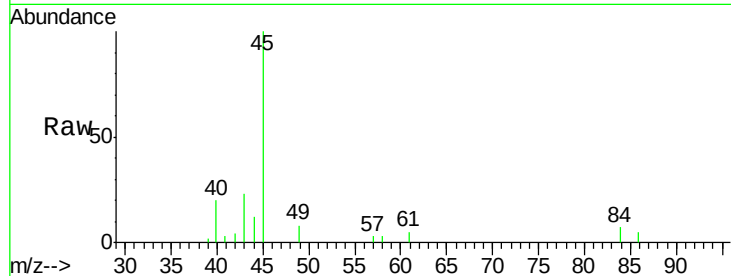
Tgt Ion: 42 Resp: 421

Ion Ratio Lower Upper

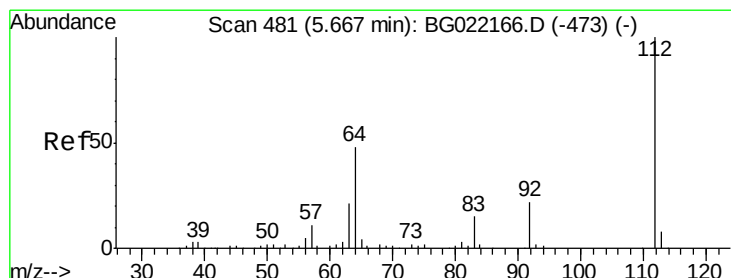
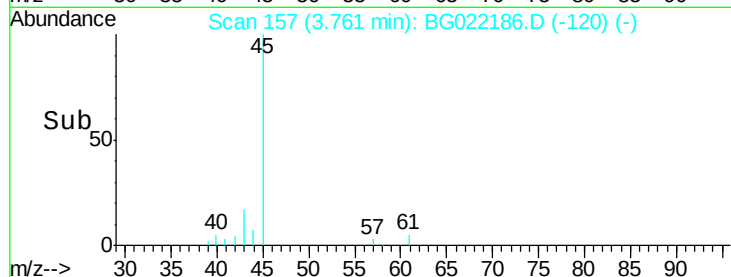
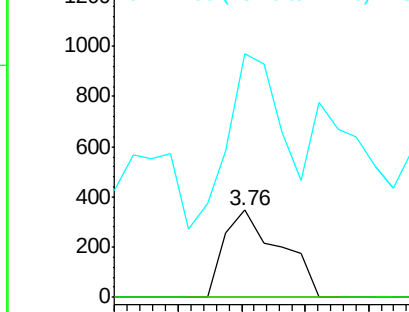
42 100

74 0.0 184.0 276.0#

44 279.5 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: 184.07 ng

RT: 5.66 min Scan# 481

Delta R.T. -0.00 min

Lab File: BG022186.D

Acq: 7 Jun 2016 2:31

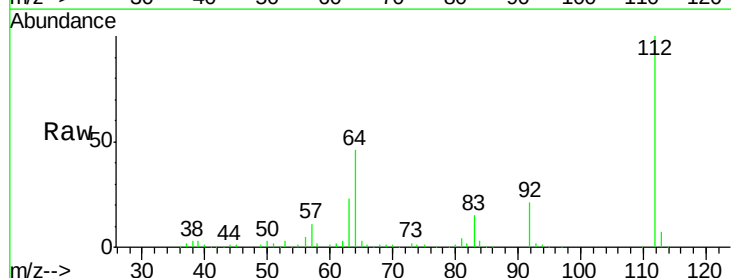
Tgt Ion: 112 Resp: 230843

Ion Ratio Lower Upper

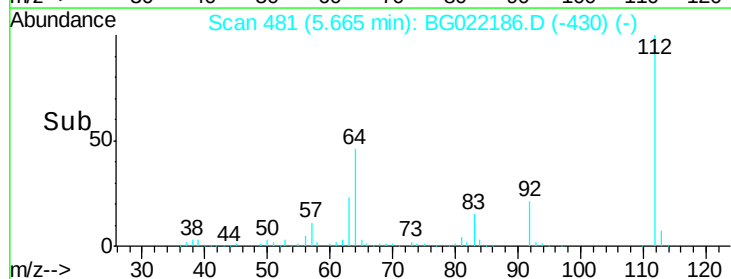
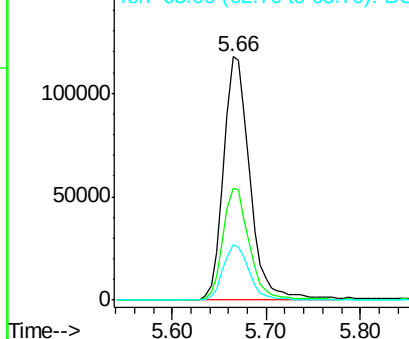
112 100

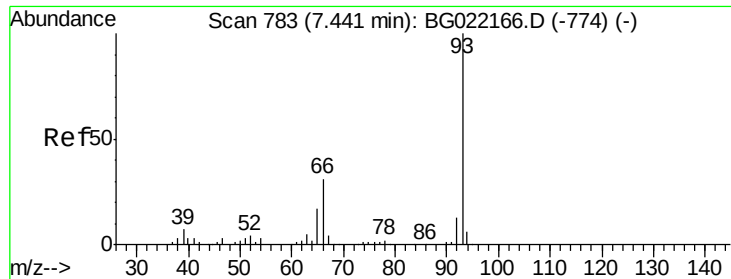
64 45.7 51.1 76.7#

63 22.7 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: BG022186.D

Acq: 7 Jun 2016 2:31

Instrument :

BNA_G

ClientSampleId :

SB-14

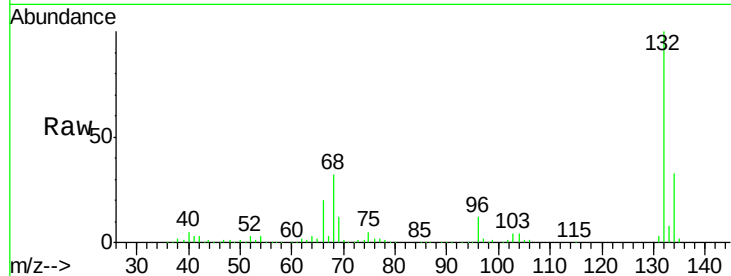
Tgt Ion: 93 Resp: 227

Ion Ratio Lower Upper

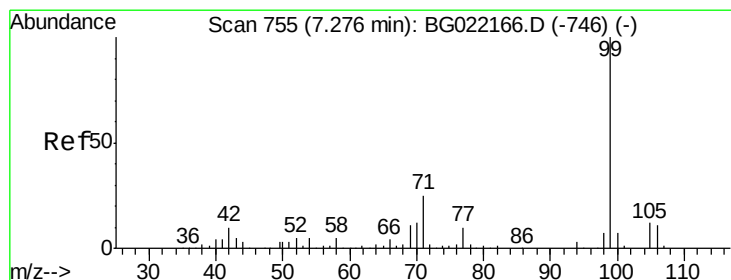
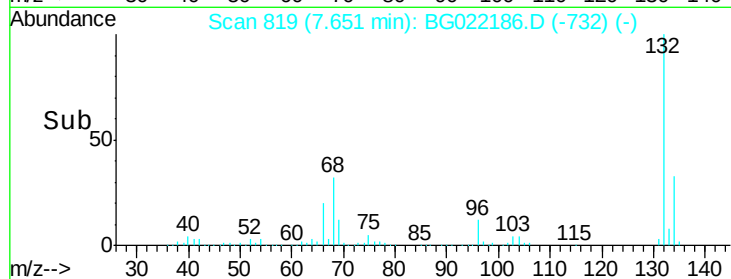
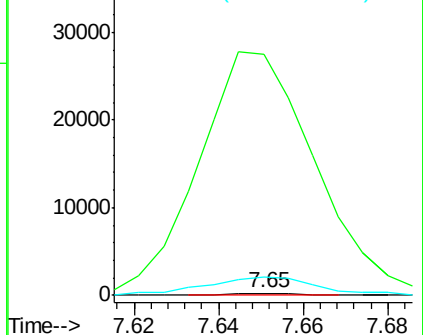
93 100

66 11151.2 36.3 54.5#

65 876.8 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: 165.41 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG022186.D

Acq: 7 Jun 2016 2:31

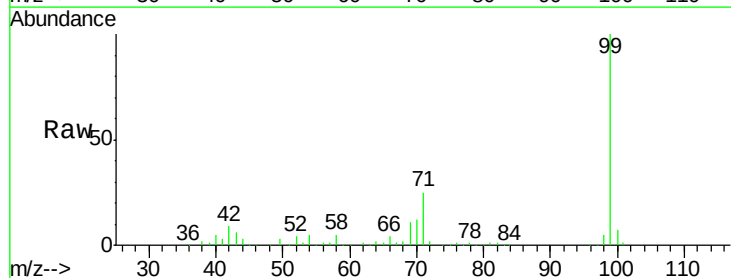
Tgt Ion: 99 Resp: 326166

Ion Ratio Lower Upper

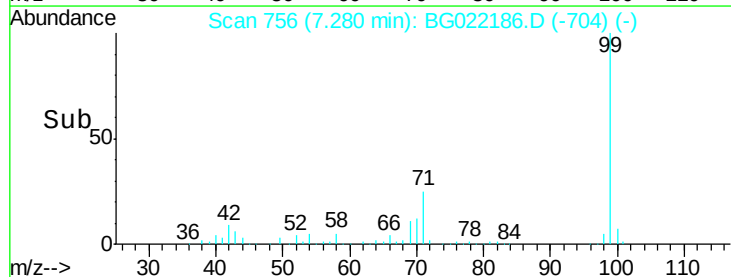
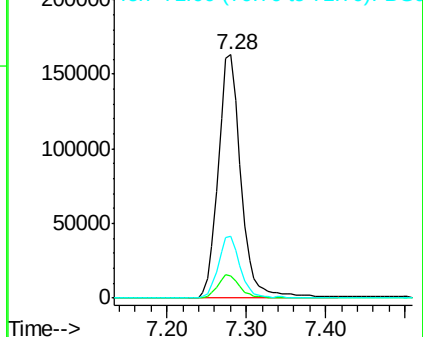
99 100

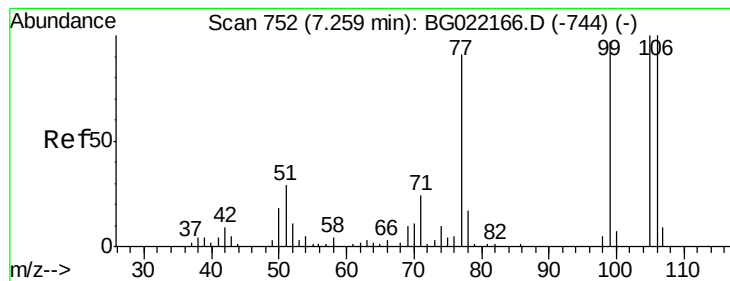
42 9.2 16.4 24.6#

71 25.3 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: 0.23 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.02 min

Lab File: BG022186.D

Acq: 7 Jun 2016 2:31

Instrument :

BNA_G

ClientSampleId :

SB-14

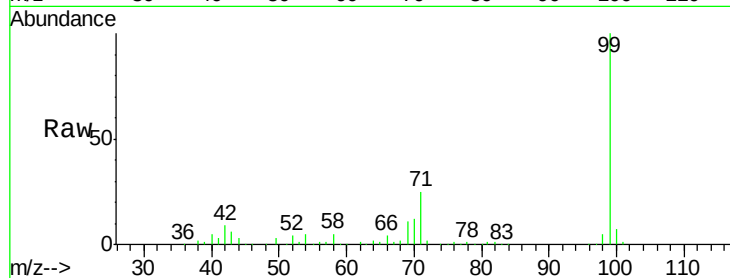
Tgt Ion: 77 Resp: 252

Ion Ratio Lower Upper

77 100

105 0.0 62.1 102.1#

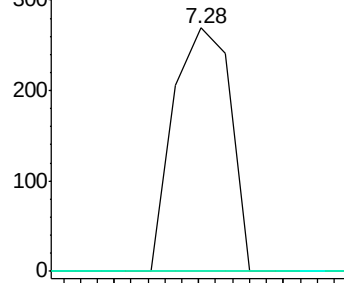
106 0.0 65.6 105.6#



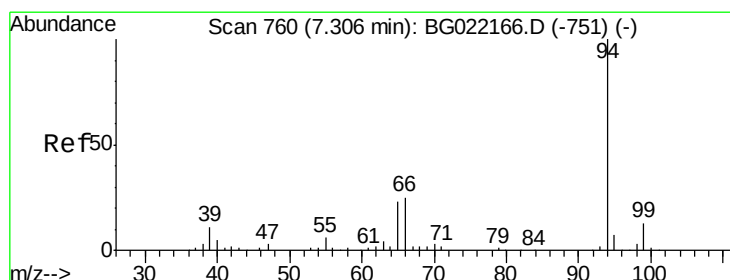
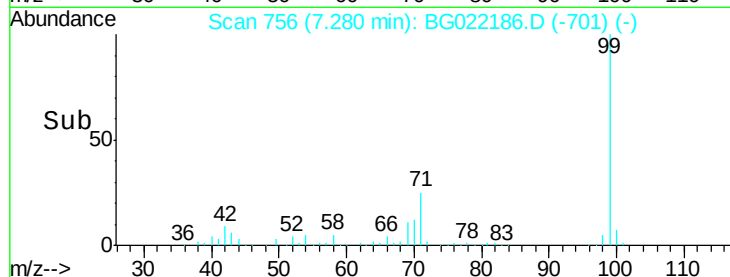
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



Time-->



#10

Phenol

Concen: 0.81 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022186.D

Acq: 7 Jun 2016 2:31

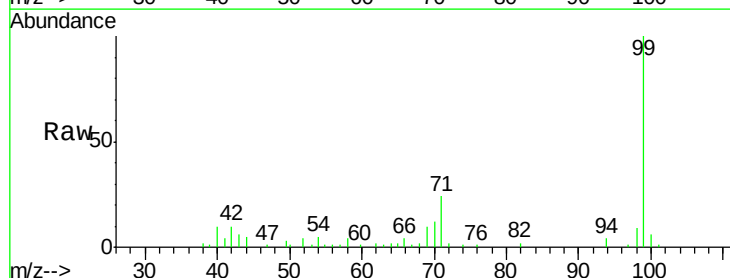
Tgt Ion: 94 Resp: 1643

Ion Ratio Lower Upper

94 100

65 39.3 9.8 49.8

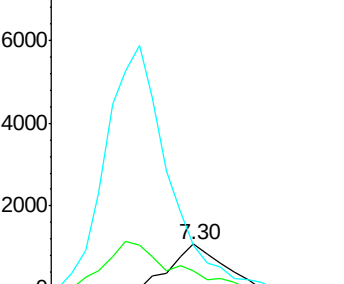
66 97.2 20.8 60.8#



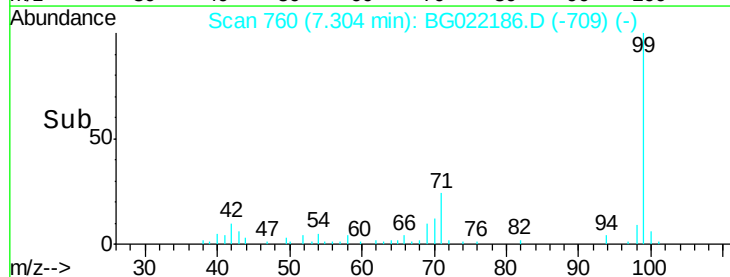
Abundance Ion 94.00 (93.70 to 94.70): BGC

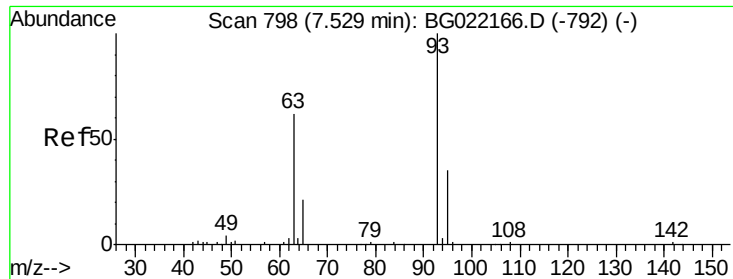
Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



Time-->

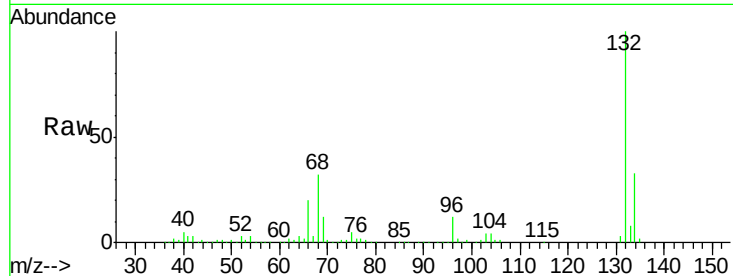




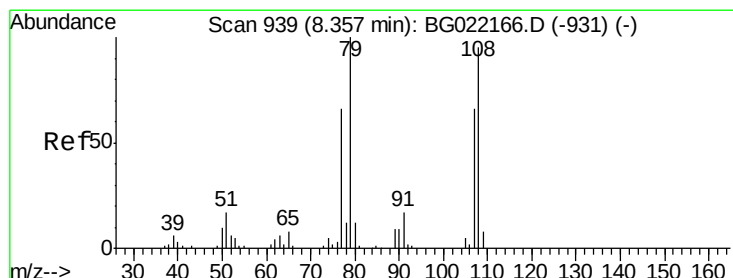
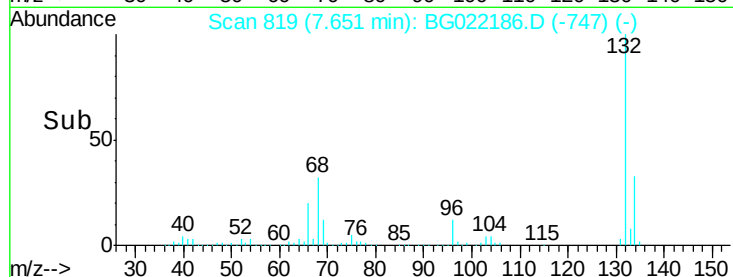
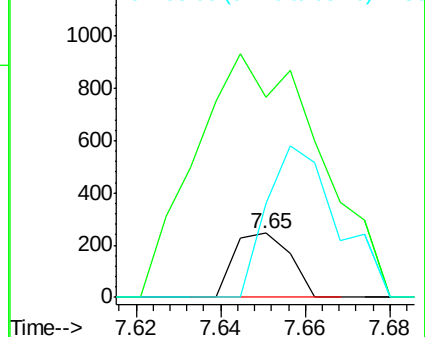
#11
bis(2-Chloroethyl)ether
Concen: 0.14 ng
RT: 7.65 min Scan# 819
Delta R.T. 0.12 min
Lab File: BG022186.D
Acq: 7 Jun 2016 2:31

Instrument :
BNA_G
ClientSampleId :
SB-14

Tgt Ion: 93 Resp: 227
Ion Ratio Lower Upper
93 100
63 311.0 74.9 114.9#
95 145.5 8.3 48.3#

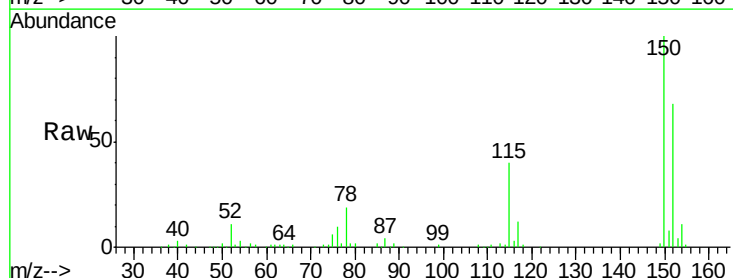


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

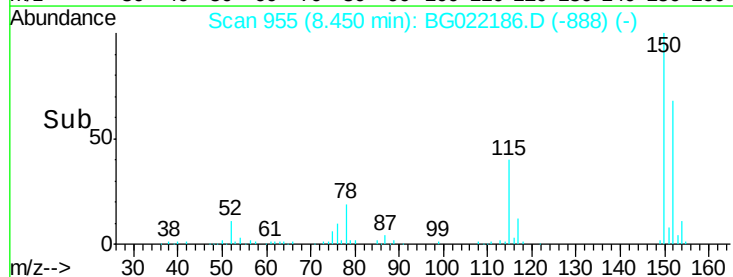
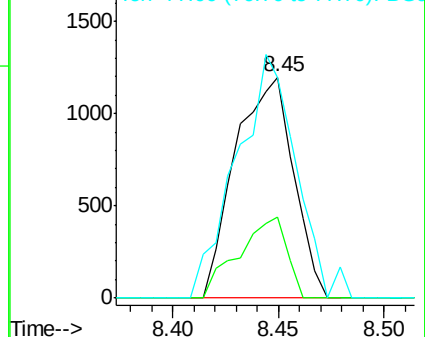


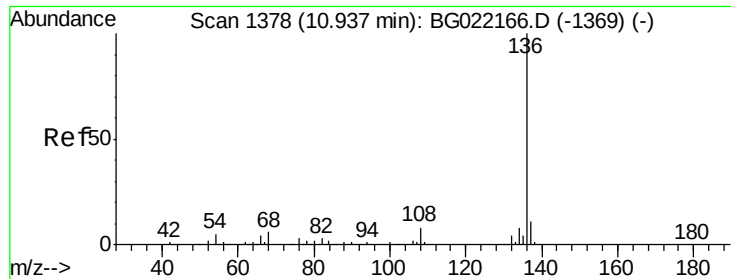
#15
Benzyl Alcohol
Concen: 1.80 ng
RT: 8.45 min Scan# 955
Delta R.T. 0.09 min
Lab File: BG022186.D
Acq: 7 Jun 2016 2:31

Tgt Ion: 79 Resp: 2292
Ion Ratio Lower Upper
79 100
108 36.4 59.4 89.0#
77 99.9 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

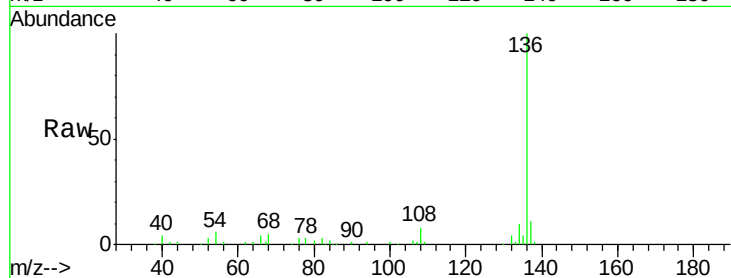




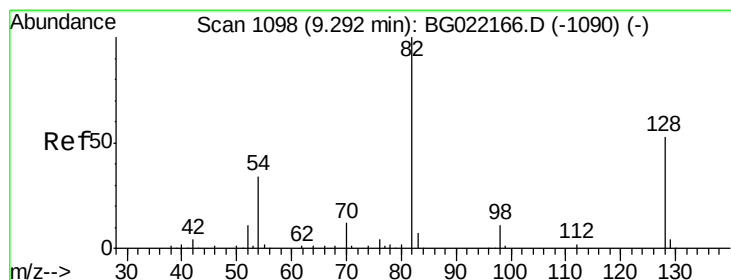
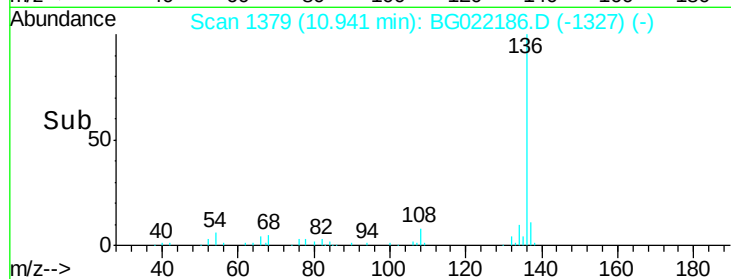
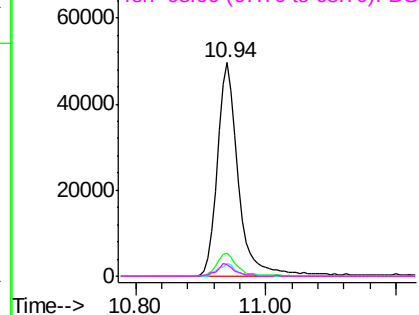
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BG022186.D
Acq: 7 Jun 2016 2:31

Instrument :
BNA_G
ClientSampleId :
SB-14

Tgt Ion:	136	Resp:	111101
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	5.7	9.6	14.4#
68	5.4	6.4	9.6#

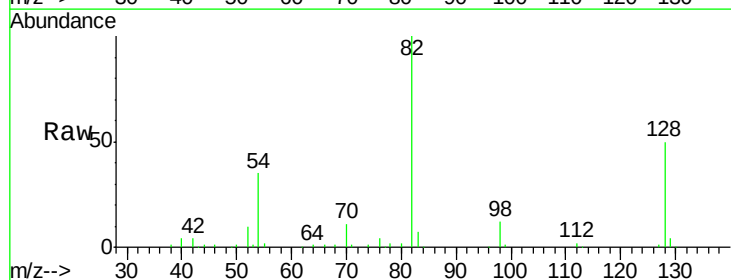


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

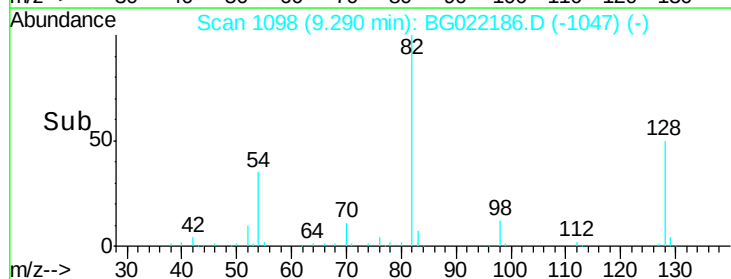
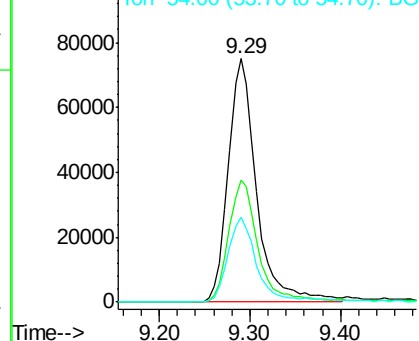


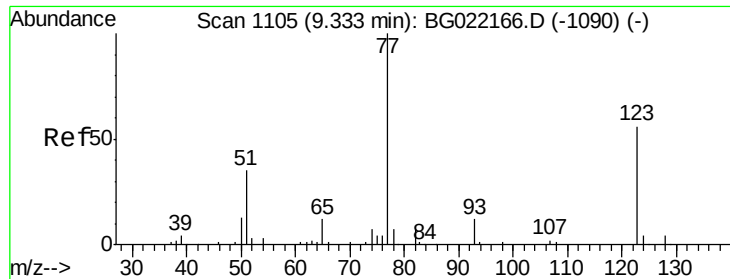
#23
Nitrobenzene-d5
Concen: 102.42 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BG022186.D
Acq: 7 Jun 2016 2:31

Tgt Ion:	82	Resp:	163215
Ion	Ratio	Lower	Upper
82	100		
128	50.2	33.4	50.0#
54	34.6	46.1	69.1#



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

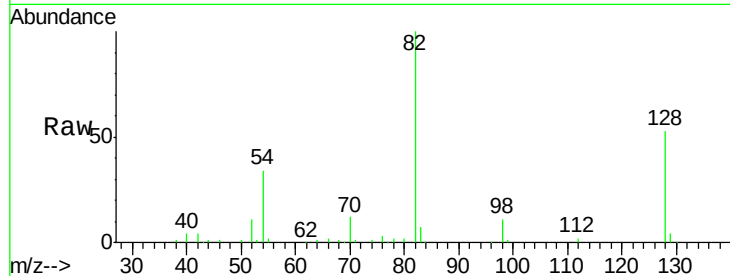




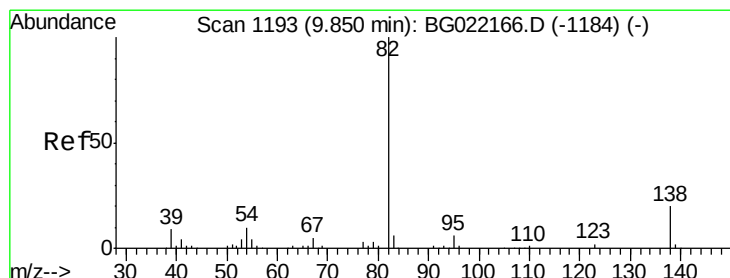
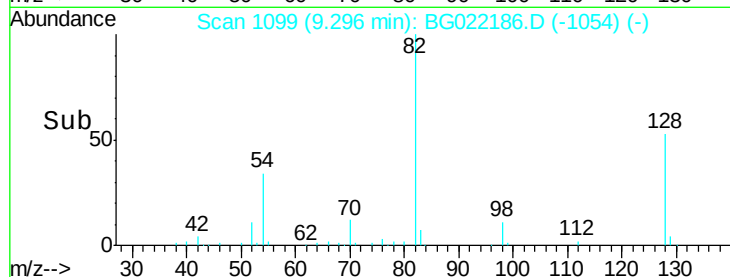
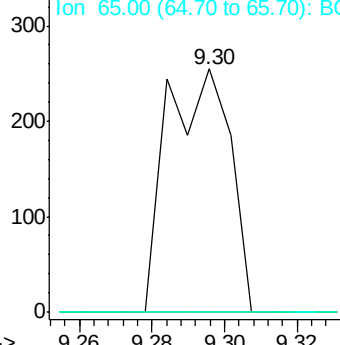
#24
 Nitrobenzene
 Concen: 0.19 ng
 RT: 9.30 min Scan# 1099
 Delta R.T. -0.04 min
 Lab File: BG022186.D
 Acq: 7 Jun 2016 2:31

Instrument :
 BNA_G
 ClientSampled :
 SB-14

Tgt Ion: 77 Resp: 306
 Ion Ratio Lower Upper
 77 100
 123 0.0 32.2 48.4#
 65 0.0 10.3 15.5#

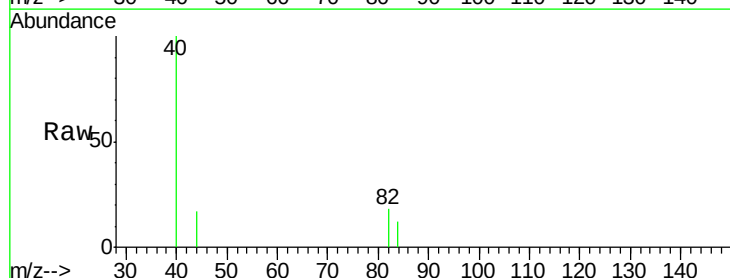


Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC

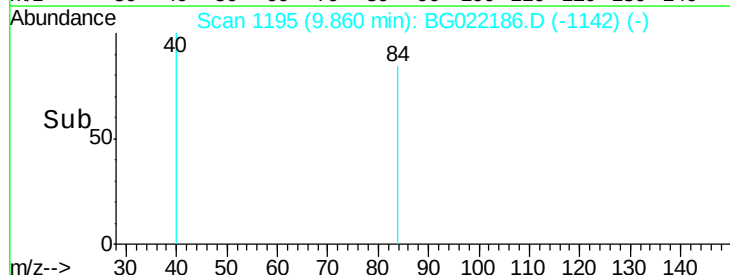
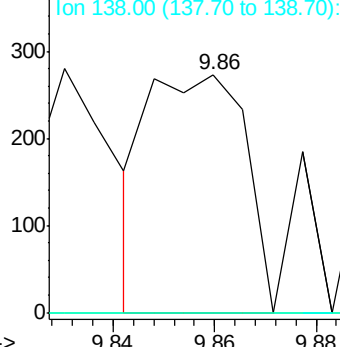


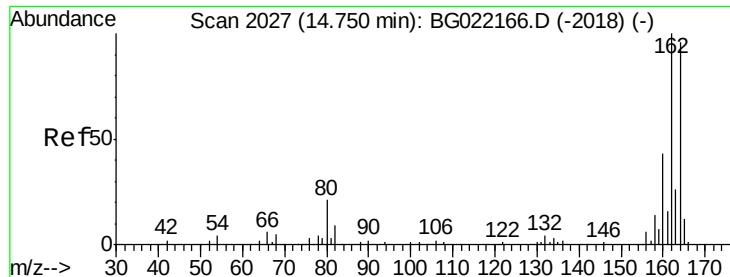
#25
 Isophorone
 Concen: 0.10 ng
 RT: 9.86 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BG022186.D
 Acq: 7 Jun 2016 2:31

Tgt Ion: 82 Resp: 362
 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: BG022186.D

Acq: 7 Jun 2016 2:31

Instrument :

BNA_G

ClientSampleId :

SB-14

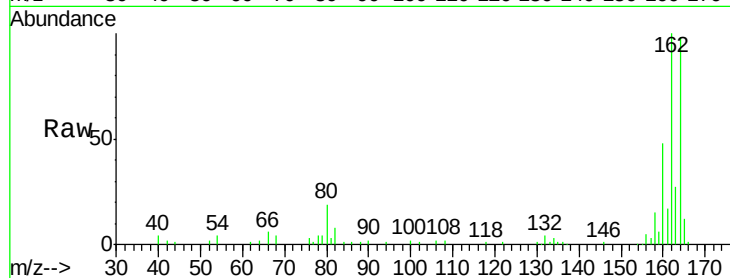
Tgt Ion:164 Resp: 70291

Ion Ratio Lower Upper

164 100

162 101.8 78.0 117.0

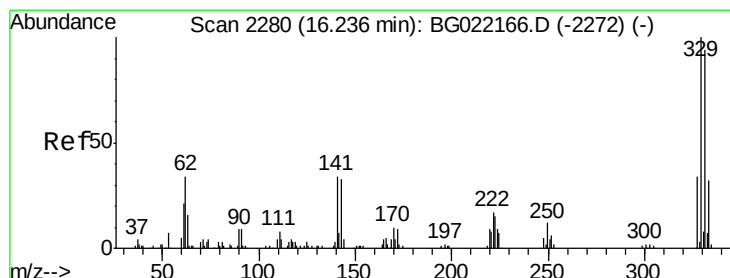
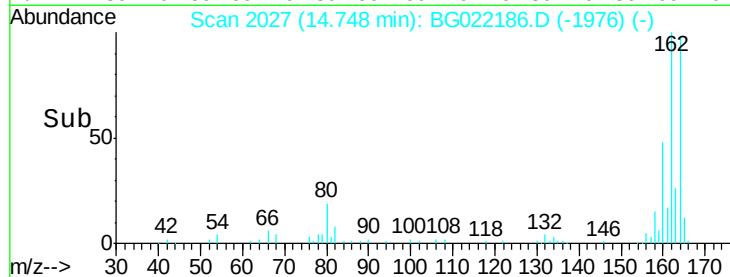
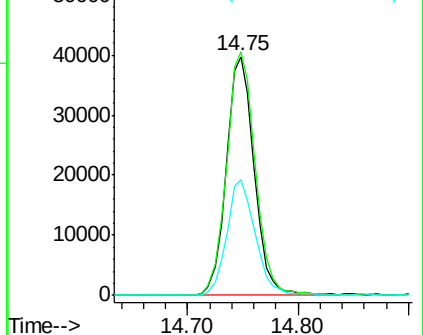
160 48.5 32.9 49.3



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: 158.65 ng

RT: 16.23 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BG022186.D

Acq: 7 Jun 2016 2:31

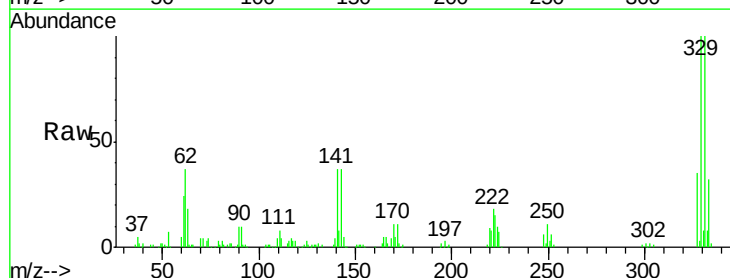
Tgt Ion:330 Resp: 126012

Ion Ratio Lower Upper

330 100

332 96.4 78.0 117.0

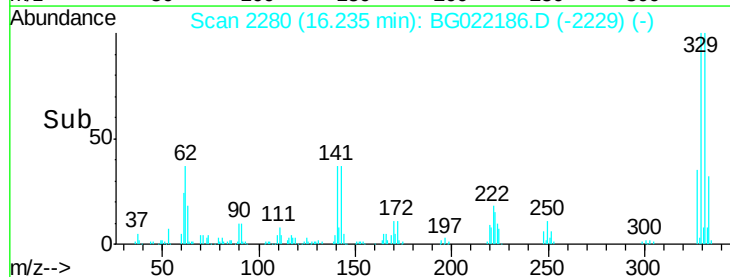
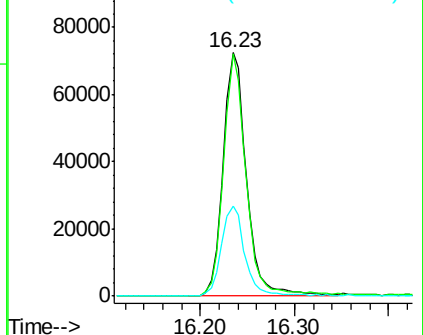
141 37.6 33.8 50.8

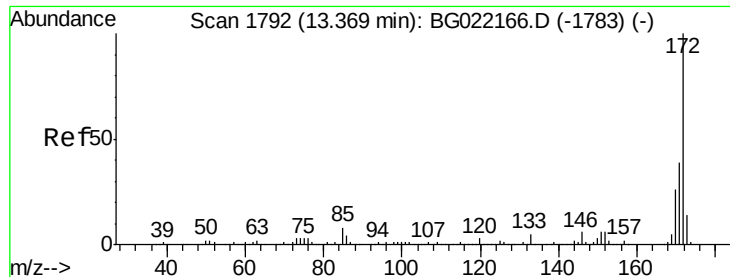


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

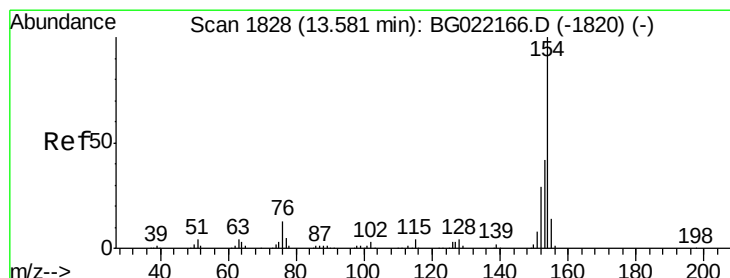
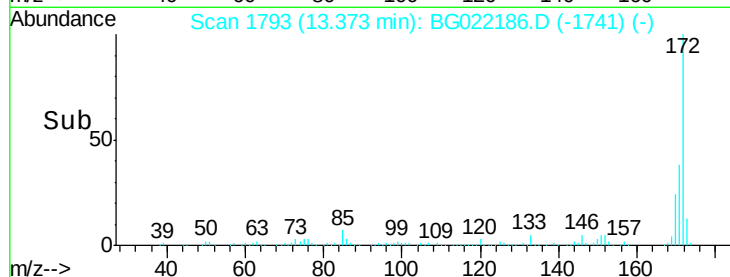
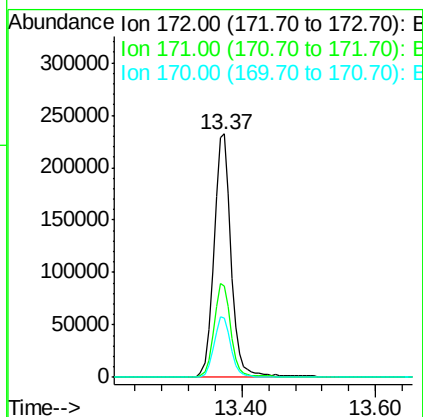
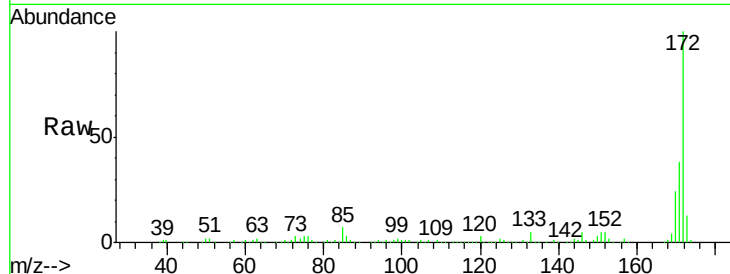




#44
 2-Fluorobiphenyl
 Concen: 91.50 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BG022186.D
 Acq: 7 Jun 2016 2:31

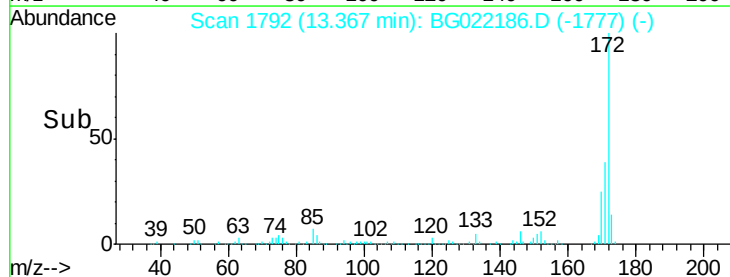
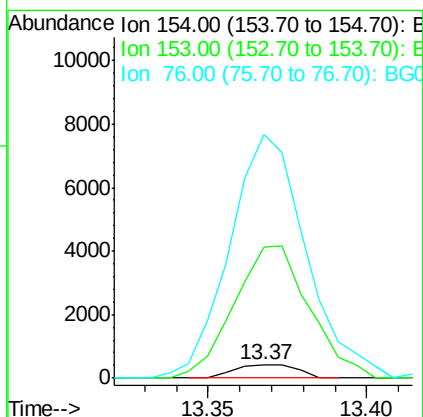
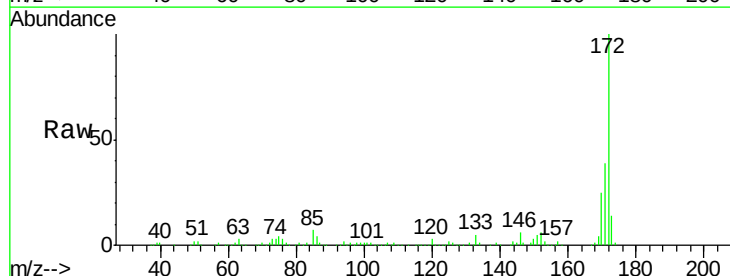
Instrument :
 BNA_G
 ClientSampleId :
 SB-14

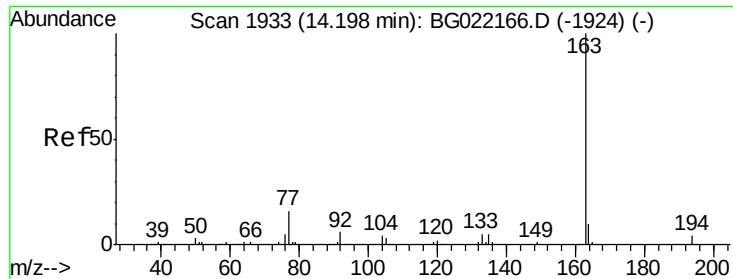
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	27.8	41.6
170	24.3	19.6	29.4



#45
 1,1'-Biphenyl
 Concen: 0.11 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.21 min
 Lab File: BG022186.D
 Acq: 7 Jun 2016 2:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	958.9	19.7	59.7#
76	1779.6	0.0	33.0#





#49

Dimethylphthalate

Concen: 17.08 ng

RT: 14.19 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG022186.D

Acq: 7 Jun 2016 2:31

Instrument :

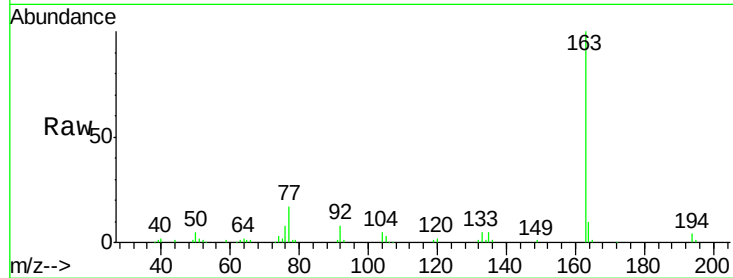
BNA_G

ClientSampleId :

SB-14

Tgt Ion:163 Resp: 99523

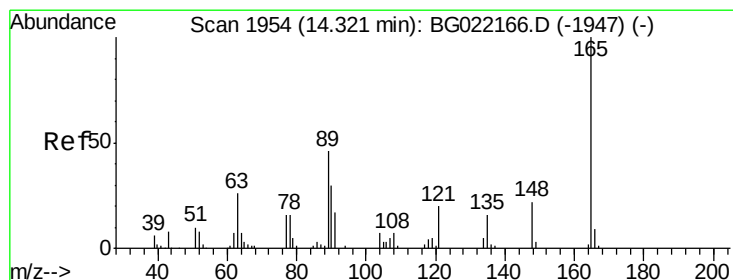
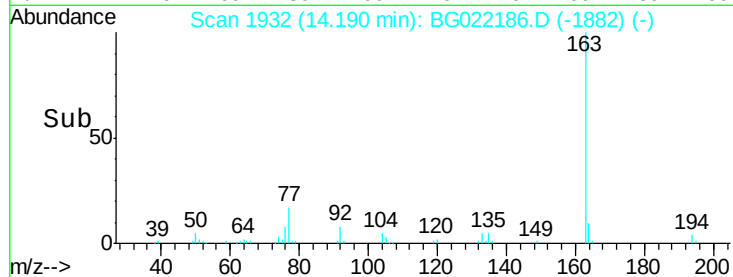
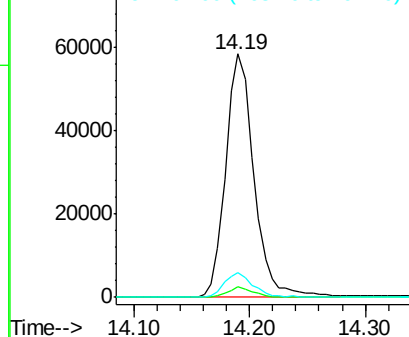
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	10.1	8.1	12.1



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: 0.78 ng

RT: 14.20 min Scan# 1933

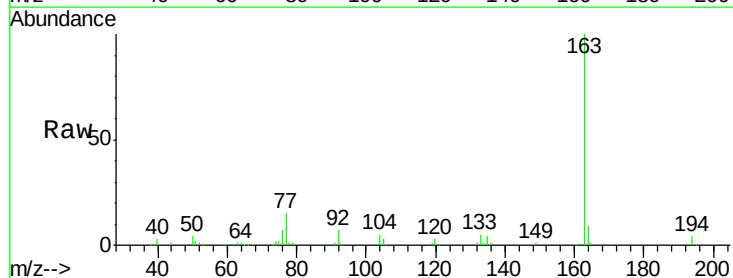
Delta R.T. -0.13 min

Lab File: BG022186.D

Acq: 7 Jun 2016 2:31

Tgt Ion:165 Resp: 982

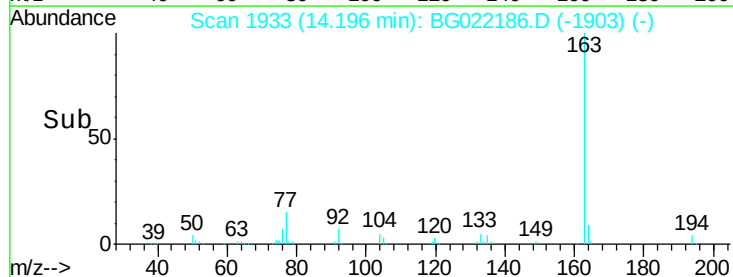
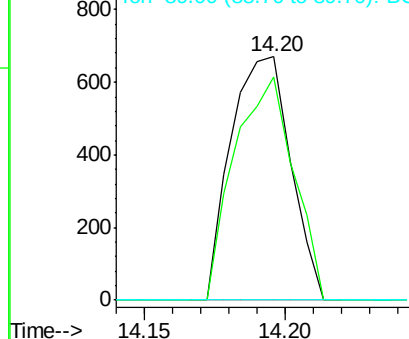
Ion	Ratio	Lower	Upper
165	100		
63	91.8	48.2	72.4#
89	0.0	45.3	67.9#

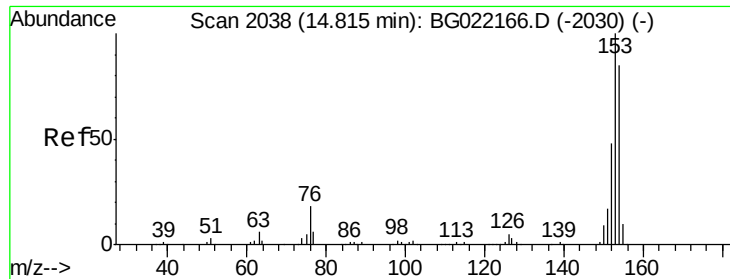


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 0.03 ng

RT: 14.75 min Scan# 2028

Delta R.T. -0.06 min

Lab File: BG022186.D

Acq: 7 Jun 2016 2:31

Instrument :

BNA_G

ClientSampleId :

SB-14

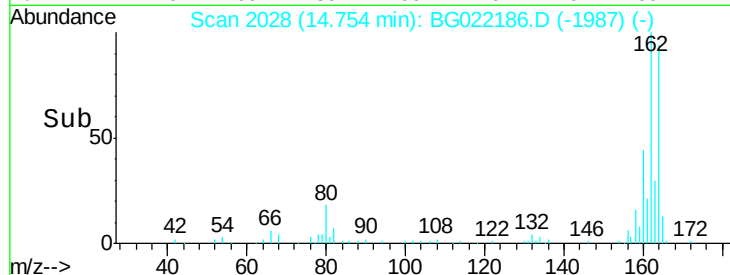
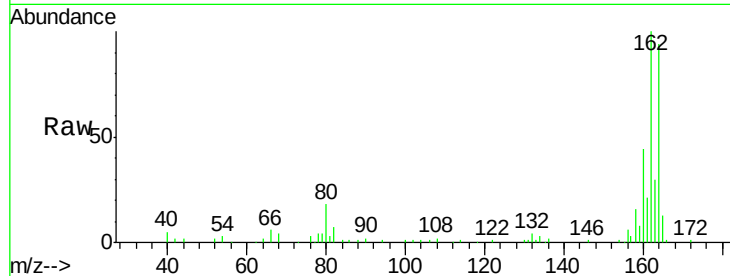
Tgt Ion:154 Resp: 137

Ion Ratio Lower Upper

154 100

153 0.0 91.9 137.9#

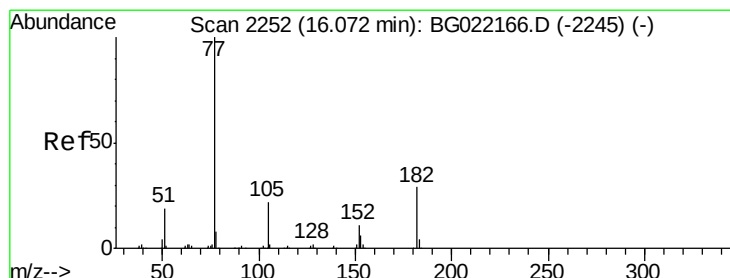
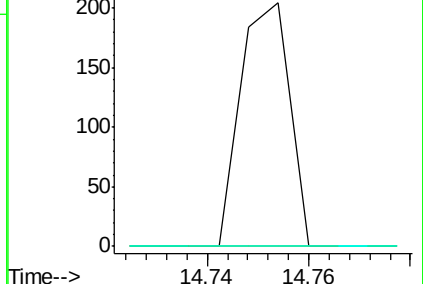
152 0.0 42.0 63.0#



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



#62

Azobenzene

Concen: 0.08 ng

RT: 16.23 min Scan# 2279

Delta R.T. 0.16 min

Lab File: BG022186.D

Acq: 7 Jun 2016 2:31

Tgt Ion: 77 Resp: 400

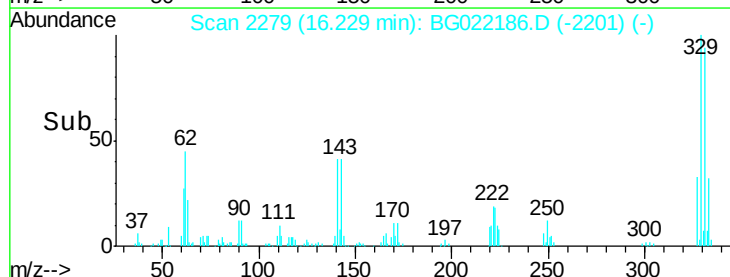
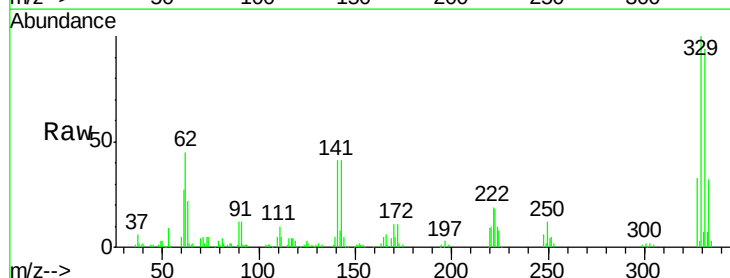
Ion Ratio Lower Upper

77 100

182 0.0 4.1 44.1#

105 150.7 0.0 39.8#

51 66.6 11.1 51.1#

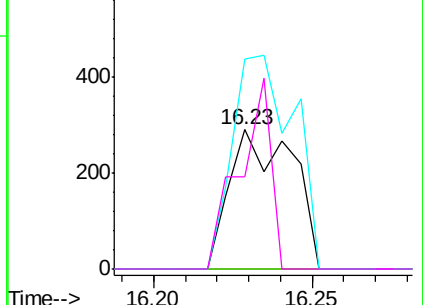


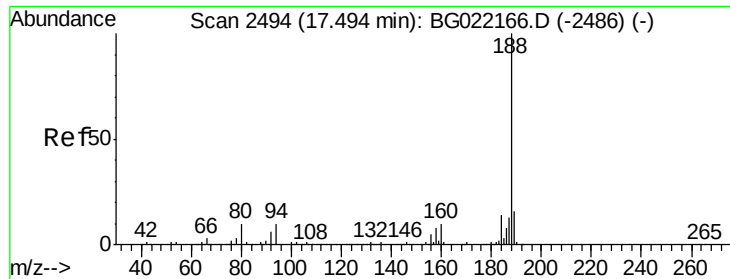
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

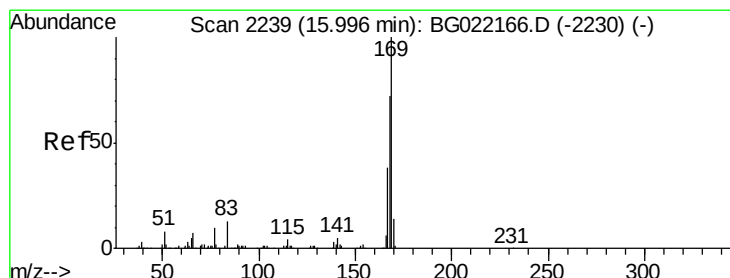
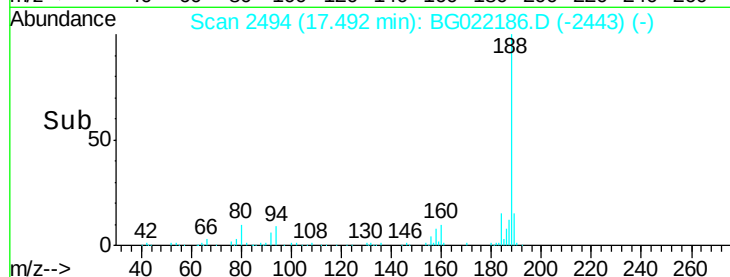
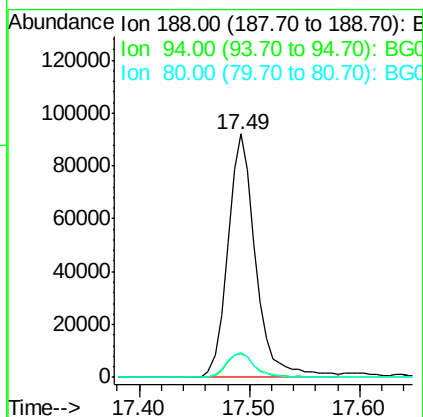
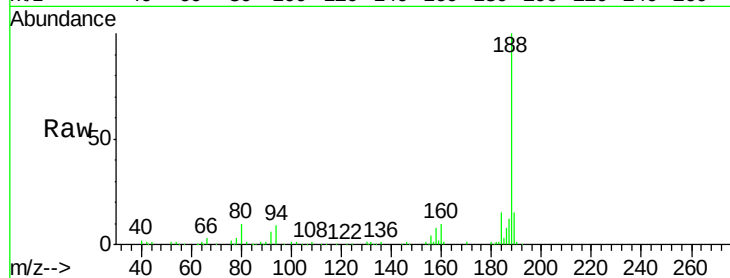




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.00 min
Lab File: BG022186.D
Acq: 7 Jun 2016 2:31

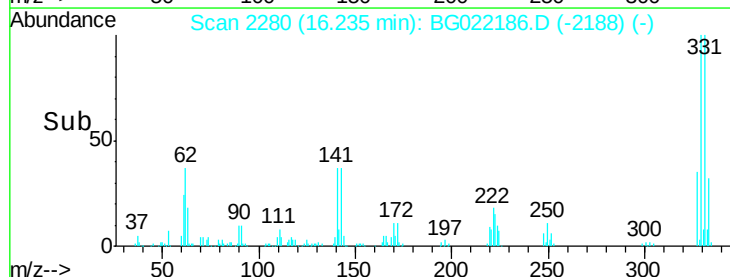
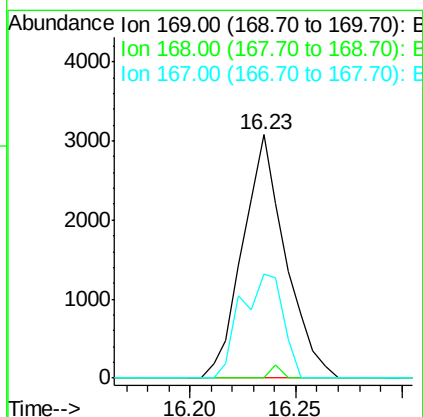
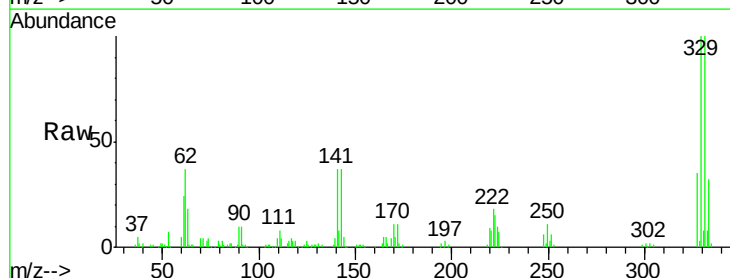
Instrument :
BNA_G
ClientSampleId :
SB-14

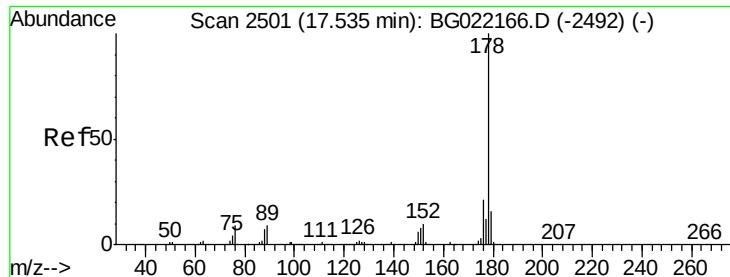
Tgt Ion:188 Resp: 162450
Ion Ratio Lower Upper
188 100
94 9.4 7.5 11.3
80 10.3 8.6 13.0



#65
n-Nitrosodiphenylamine
Concen: 0.93 ng
RT: 16.23 min Scan# 2280
Delta R.T. 0.24 min
Lab File: BG022186.D
Acq: 7 Jun 2016 2:31

Tgt Ion:169 Resp: 4330
Ion Ratio Lower Upper
169 100
168 0.0 59.6 89.4#
167 42.8 31.2 46.8





#70

Phenanthrene

Concen: 0.14 ng

RT: 17.53 min Scan# 2501

Delta R.T. -0.00 min

Lab File: BG022186.D

Acq: 7 Jun 2016 2:31

Instrument :

BNA_G

ClientSampled :

SB-14

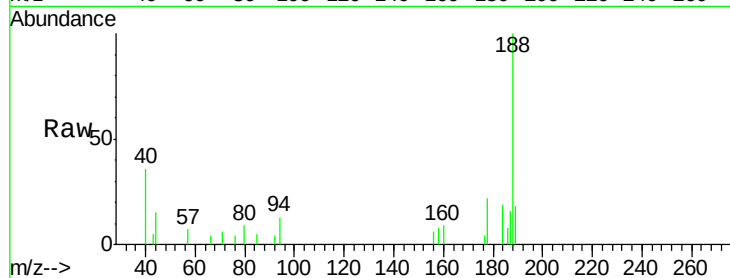
Tgt Ion:178 Resp: 1260

Ion Ratio Lower Upper

178 100

176 0.0 16.2 24.4#

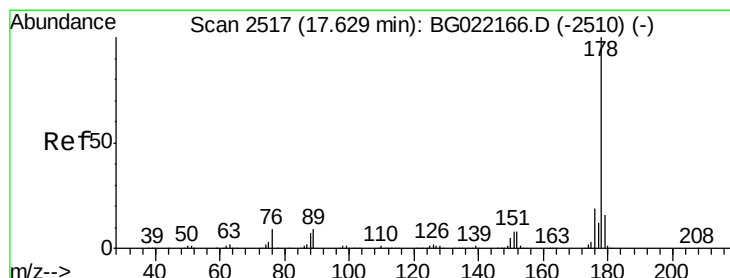
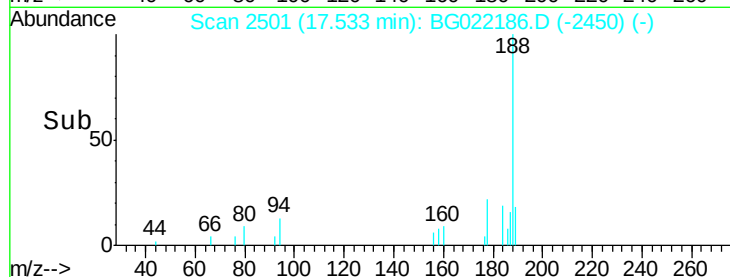
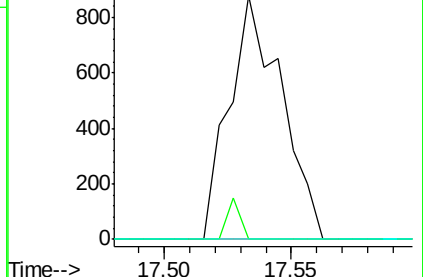
179 0.0 12.0 18.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 0.14 ng

RT: 17.53 min Scan# 2501

Delta R.T. -0.10 min

Lab File: BG022186.D

Acq: 7 Jun 2016 2:31

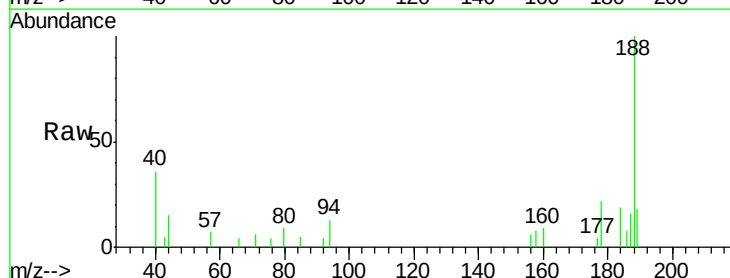
Tgt Ion:178 Resp: 1260

Ion Ratio Lower Upper

178 100

176 0.0 15.0 22.4#

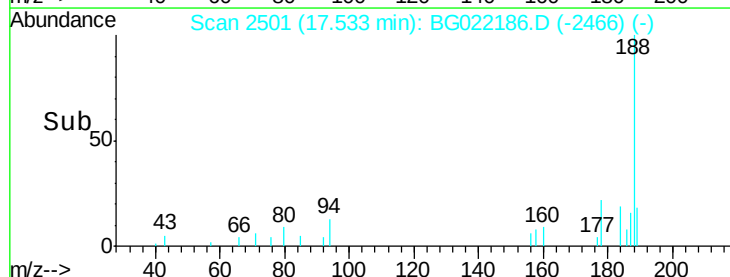
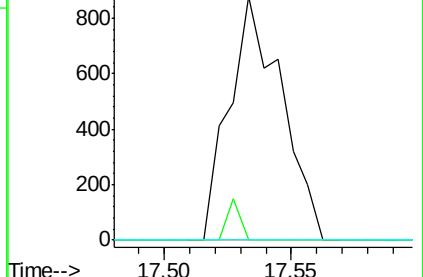
179 0.0 12.2 18.4#

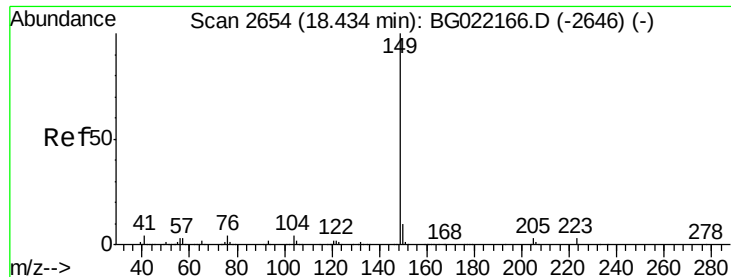


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

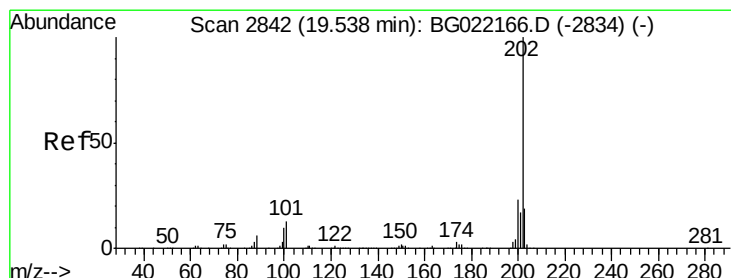
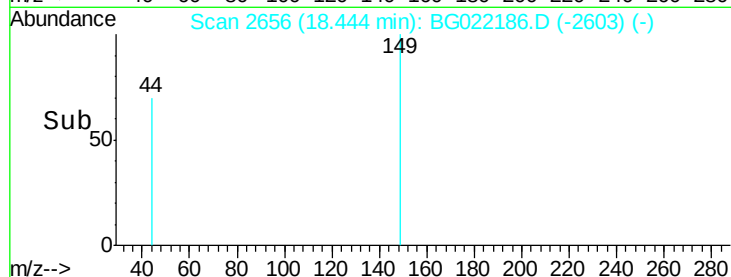
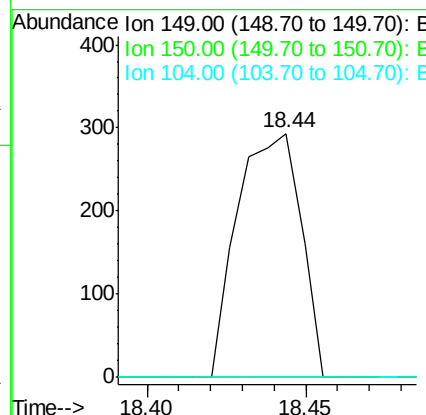
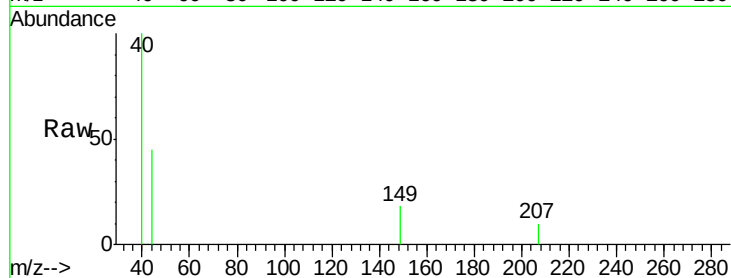




#73
Di-n-butylphthalate
Concen: 0.04 ng
RT: 18.44 min Scan# 2656
Delta R.T. 0.01 min
Lab File: BG022186.D
Acq: 7 Jun 2016 2:31

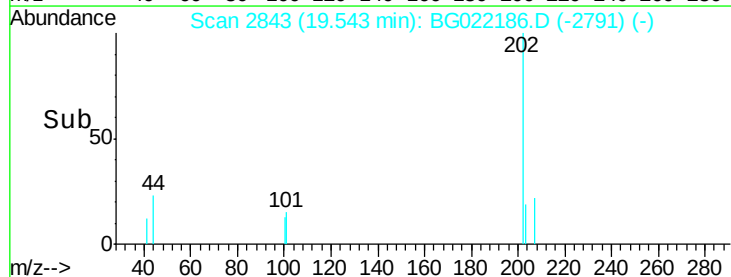
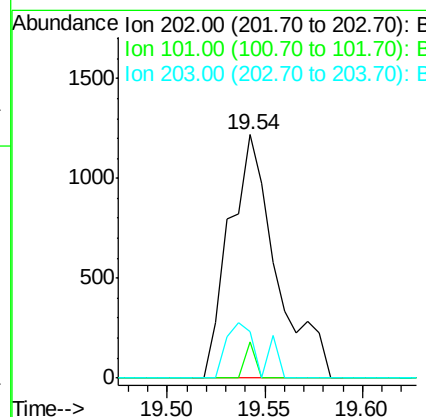
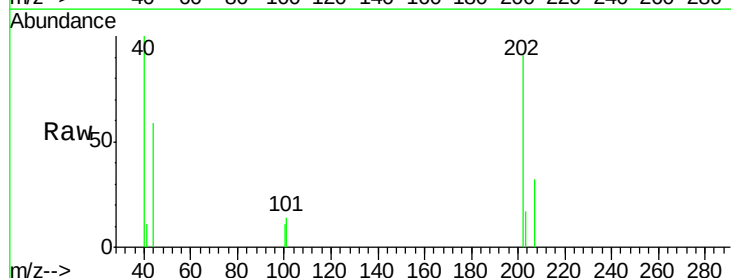
Instrument :
BNA_G
ClientSampleId :
SB-14

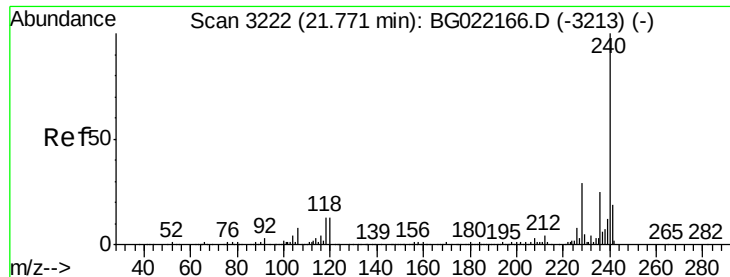
Tgt Ion:149 Resp: 406
Ion Ratio Lower Upper
149 100
150 0.0 7.4 11.0#
104 0.0 4.0 6.0#



#74
Fluoranthene
Concen: 0.20 ng
RT: 19.54 min Scan# 2843
Delta R.T. 0.00 min
Lab File: BG022186.D
Acq: 7 Jun 2016 2:31

Tgt Ion:202 Resp: 2024
Ion Ratio Lower Upper
202 100
101 15.1 0.0 31.0
203 18.9 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BG022186.D

Acq: 7 Jun 2016 2:31

Instrument :

BNA_G

ClientSampleId :

SB-14

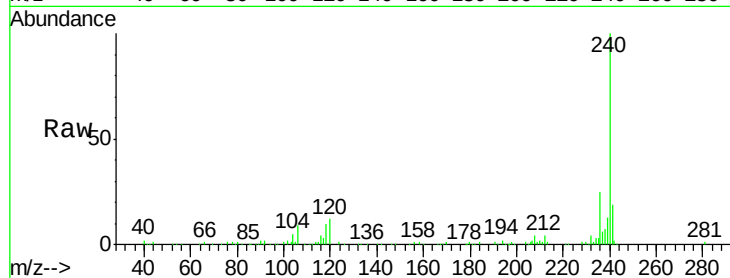
Tgt Ion:240 Resp: 175397

Ion Ratio Lower Upper

240 100

120 12.3 8.4 12.6

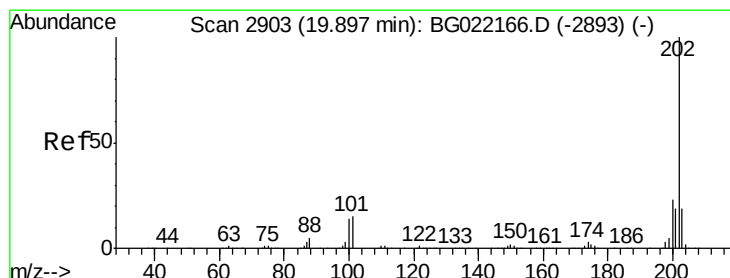
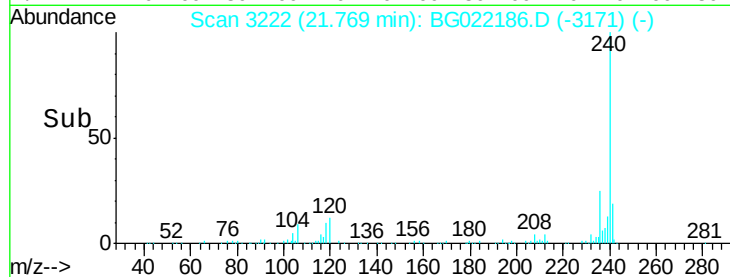
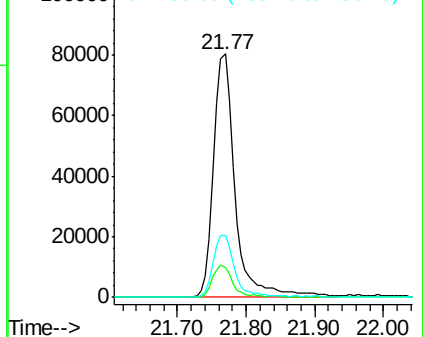
236 25.3 19.6 29.4



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: 0.18 ng

RT: 19.91 min Scan# 2905

Delta R.T. 0.01 min

Lab File: BG022186.D

Acq: 7 Jun 2016 2:31

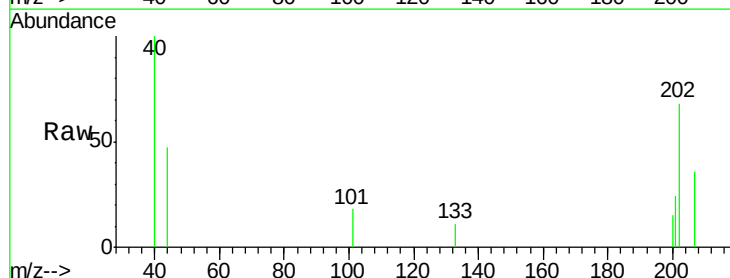
Tgt Ion:202 Resp: 1921

Ion Ratio Lower Upper

202 100

200 21.6 18.2 27.2

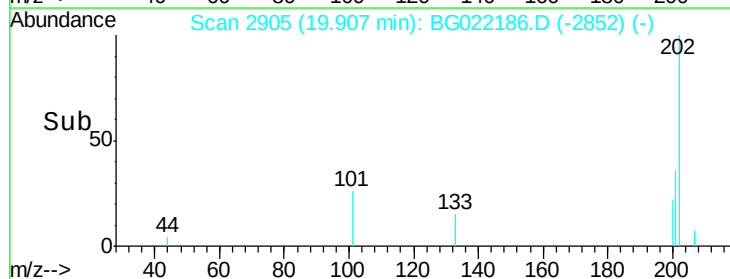
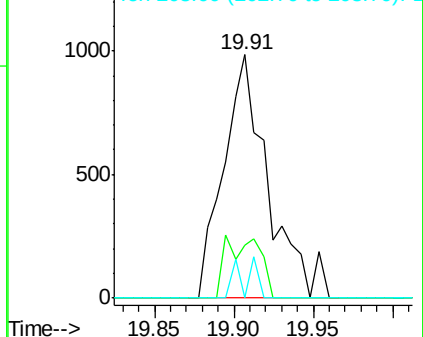
203 0.0 15.0 22.4#

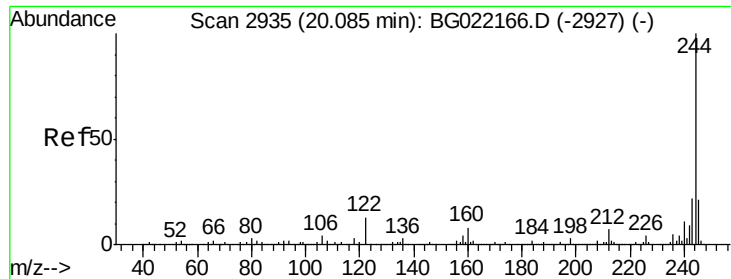


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 87.67 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.00 min

Lab File: BG022186.D

Acq: 7 Jun 2016 2:31

Instrument :

BNA_G

ClientSampled :

SB-14

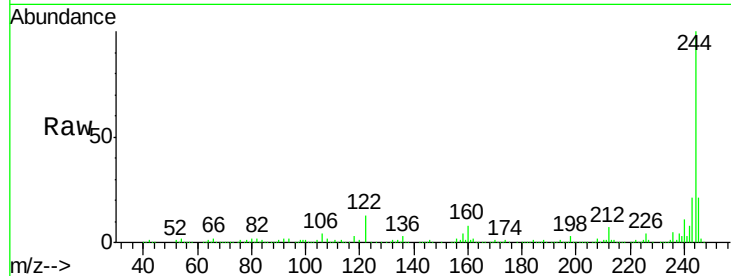
Tgt Ion:244 Resp: 647715

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

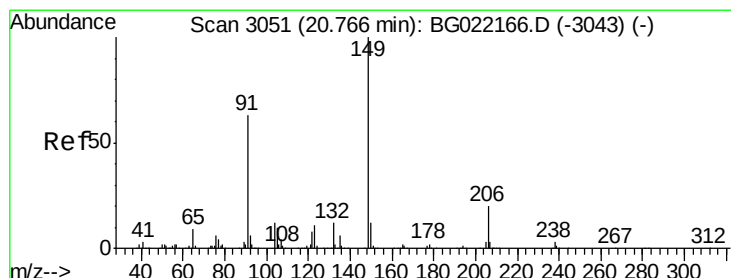
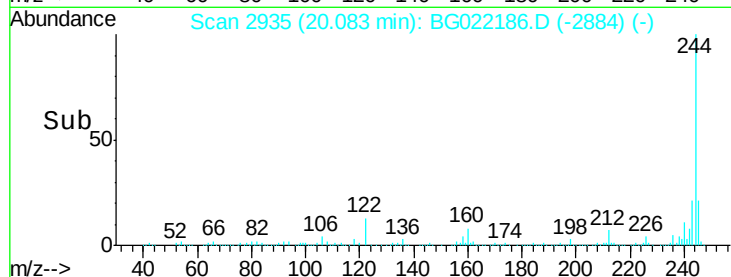
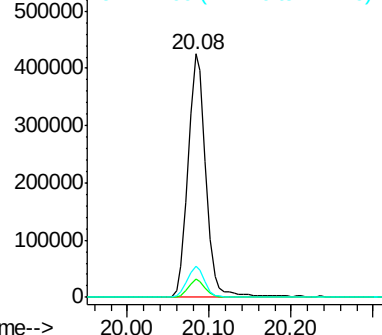
122 13.0 8.6 12.8#



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: 0.02 ng

RT: 20.76 min Scan# 3051

Delta R.T. -0.00 min

Lab File: BG022186.D

Acq: 7 Jun 2016 2:31

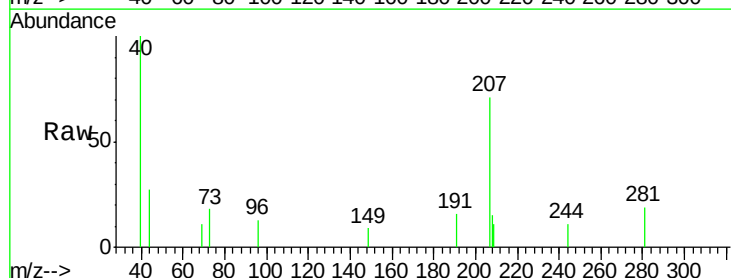
Tgt Ion:149 Resp: 109

Ion Ratio Lower Upper

149 100

91 0.0 57.8 86.8#

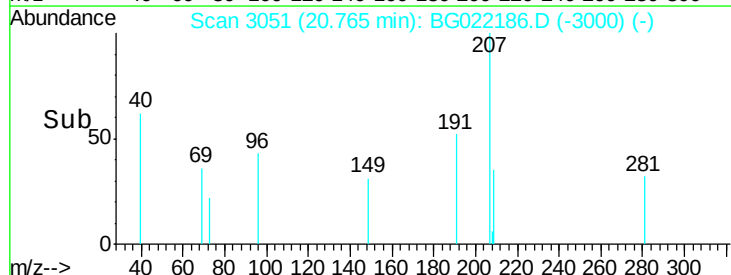
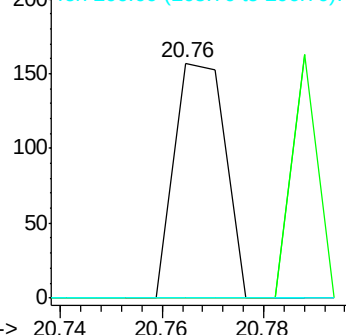
206 0.0 17.0 25.4#

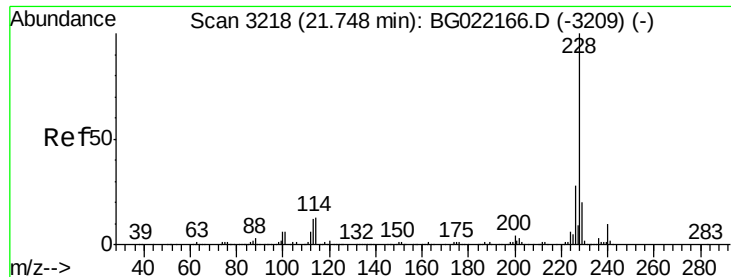


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.15 ng

RT: 21.75 min Scan# 3219

Delta R.T. 0.00 min

Lab File: BG022186.D

Acq: 7 Jun 2016 2:31

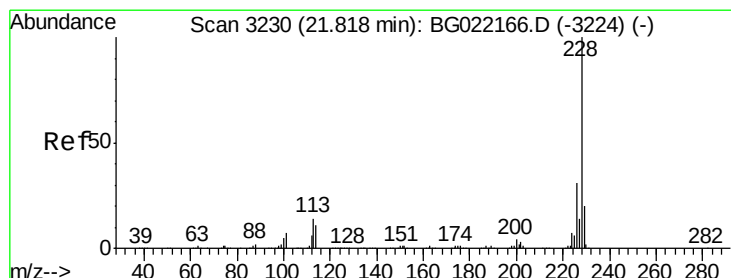
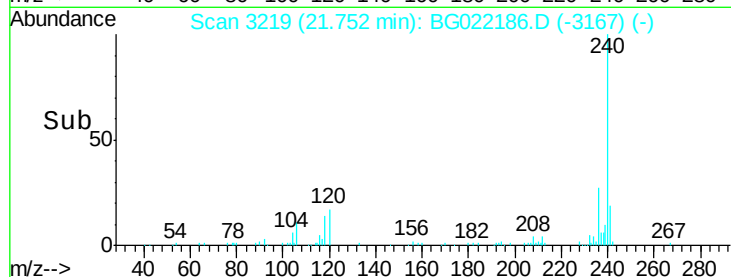
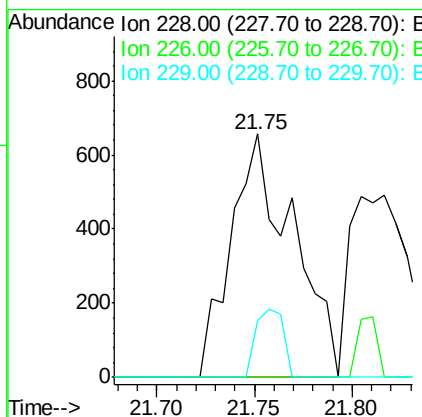
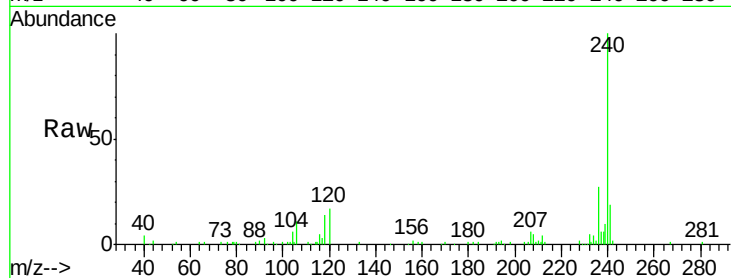
Instrument :

BNA_G

ClientSampleId :

SB-14

Tgt Ion:	228	Resp:	1434
Ion Ratio	Lower	Upper	
228	100		
226	0.0	22.6	34.0#
229	23.4	16.1	24.1



#82

Chrysene

Concen: 0.10 ng

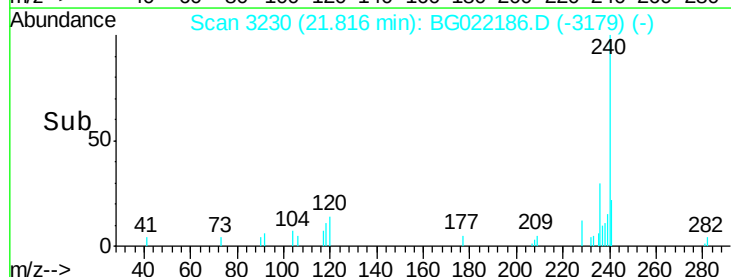
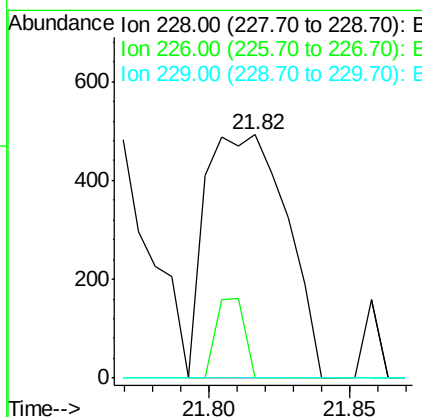
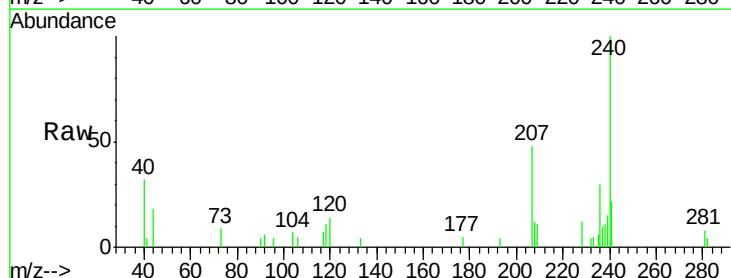
RT: 21.82 min Scan# 3230

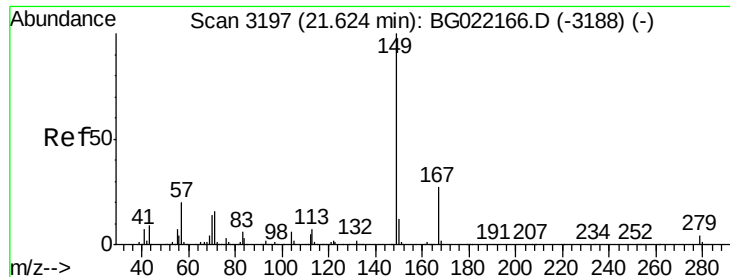
Delta R.T. -0.00 min

Lab File: BG022186.D

Acq: 7 Jun 2016 2:31

Tgt Ion:	228	Resp:	983
Ion Ratio	Lower	Upper	
228	100		
226	0.0	25.4	38.0#
229	0.0	15.9	23.9#

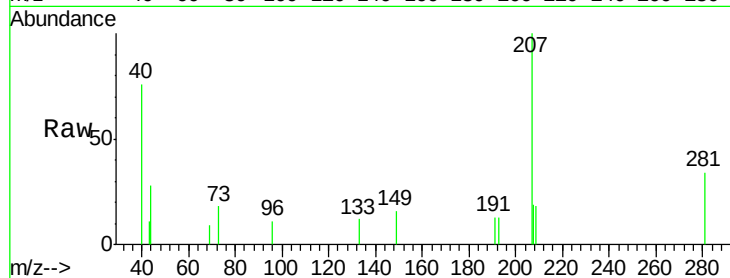




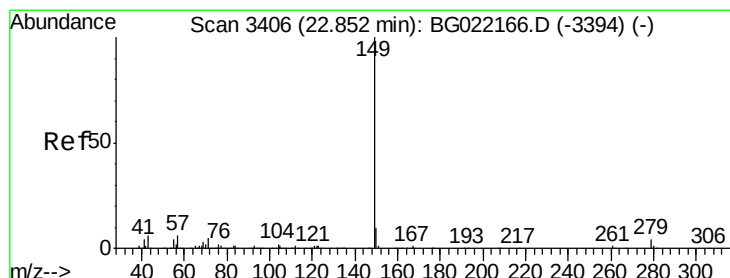
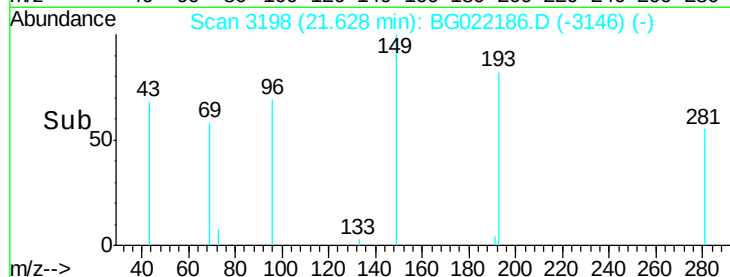
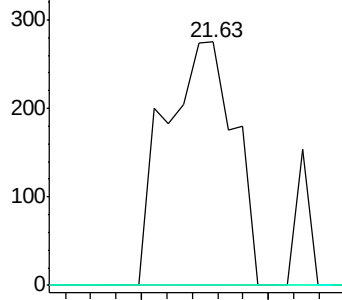
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.07 ng
 RT: 21.63 min Scan# 3198
 Delta R.T. 0.00 min
 Lab File: BG022186.D
 Acq: 7 Jun 2016 2:31

Instrument :
 BNA_G
 ClientSampled :
 SB-14

Tgt Ion:149 Resp: 526
 Ion Ratio Lower Upper
 149 100
 167 0.0 22.4 33.6#
 279 0.0 3.2 4.8#

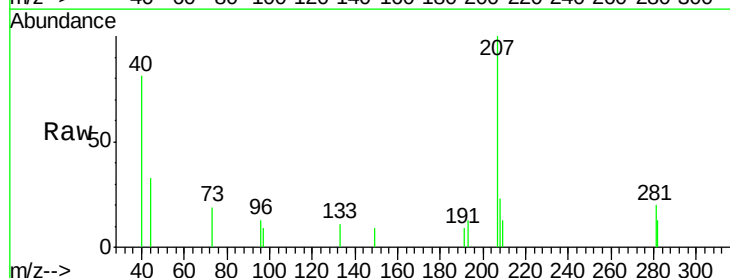


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

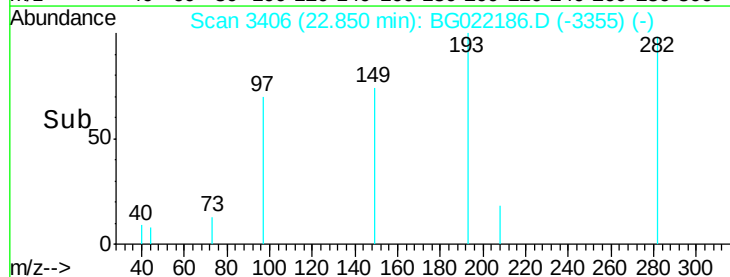
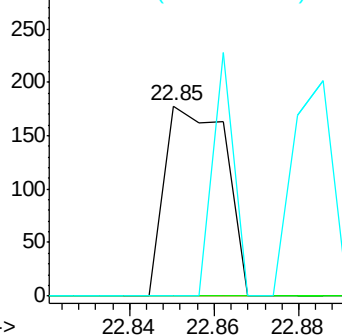


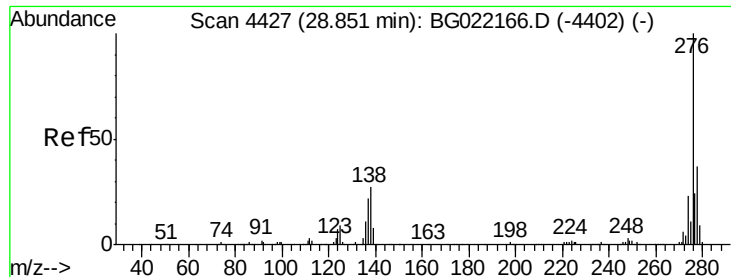
#84
 Di-n-octyl phthalate
 Concen: 0.01 ng
 RT: 22.85 min Scan# 3406
 Delta R.T. -0.00 min
 Lab File: BG022186.D
 Acq: 7 Jun 2016 2:31

Tgt Ion:149 Resp: 177
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.3 1.9#
 43 45.2 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: 0.01 ng

RT: 28.85 min Scan# 4427

Delta R.T. -0.00 min

Lab File: BG022186.D

Acq: 7 Jun 2016 2:31

Instrument :

BNA_G

ClientSampleId :

SB-14

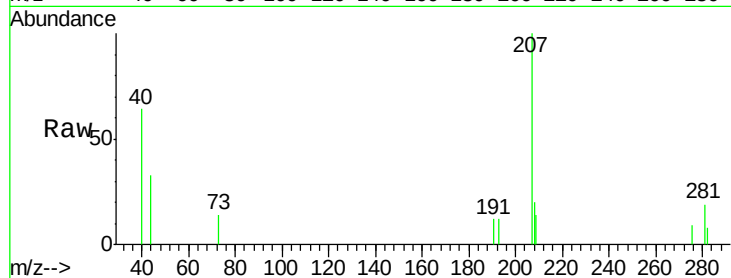
Tgt Ion:276 Resp: 65

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

28.85

200

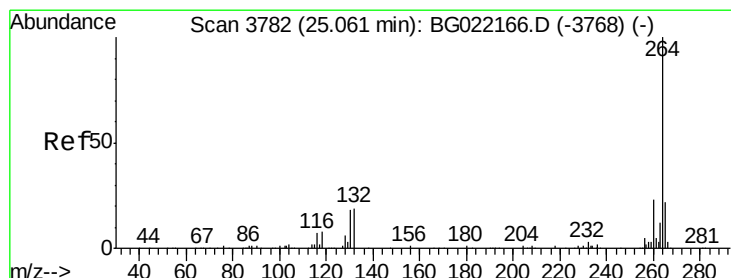
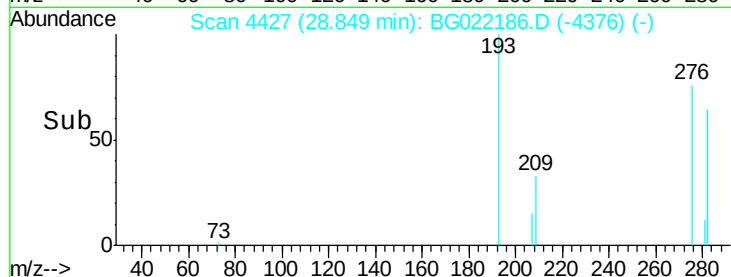
150

100

50

0

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.05 min Scan# 3781

Delta R.T. -0.01 min

Lab File: BG022186.D

Acq: 7 Jun 2016 2:31

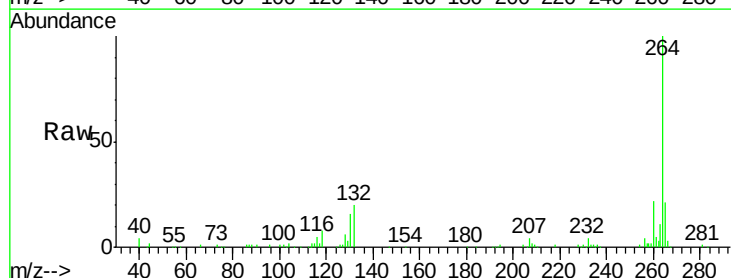
Tgt Ion:264 Resp: 167206

Ion Ratio Lower Upper

264 100

260 21.7 20.2 30.4

265 21.0 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

25.05

60000

50000

40000

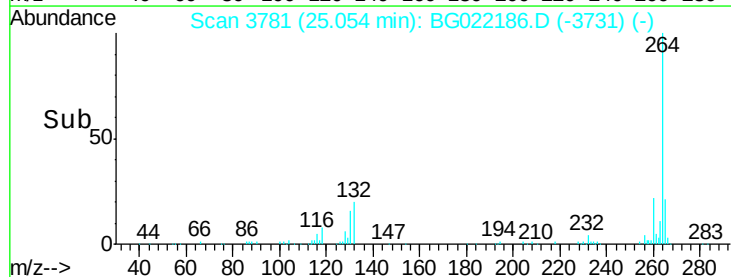
30000

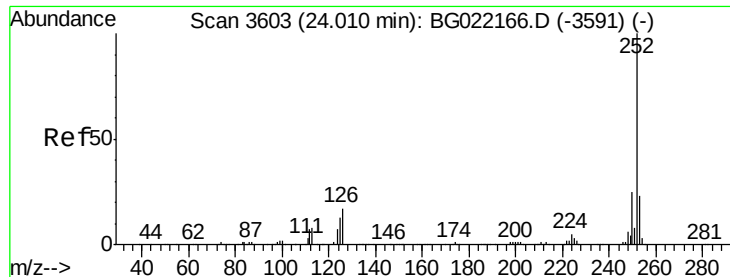
20000

10000

0

Time-->

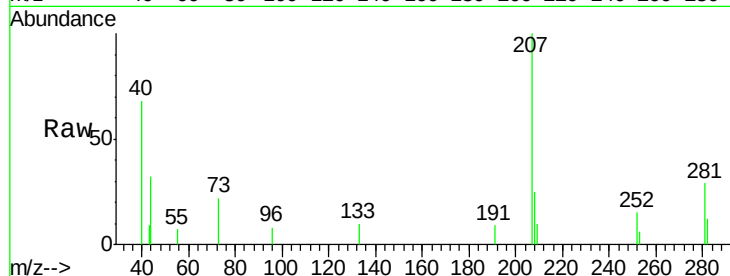




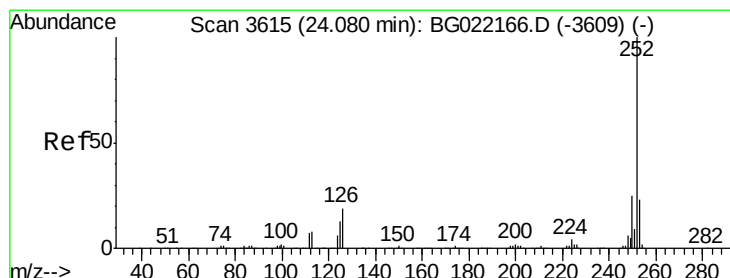
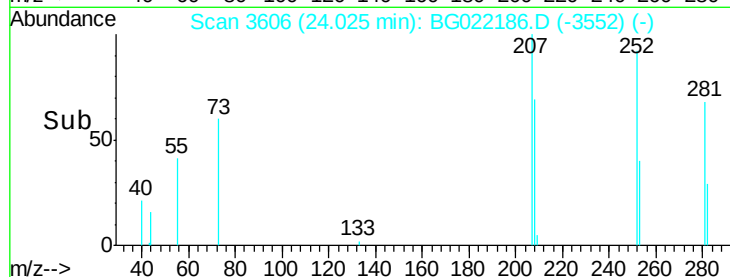
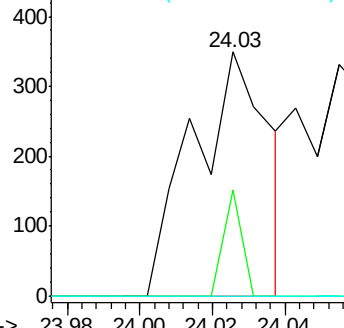
#87
Benzo(b)fluoranthene
Concen: 0.05 ng
RT: 24.03 min Scan# 3606
Delta R.T. 0.02 min
Lab File: BG022186.D
Acq: 7 Jun 2016 2:31

Instrument :
BNA_G
ClientSampleId :
SB-14

Tgt Ion:252 Resp: 506
Ion Ratio Lower Upper
252 100
253 43.3 17.5 26.3#
125 0.0 8.6 13.0#

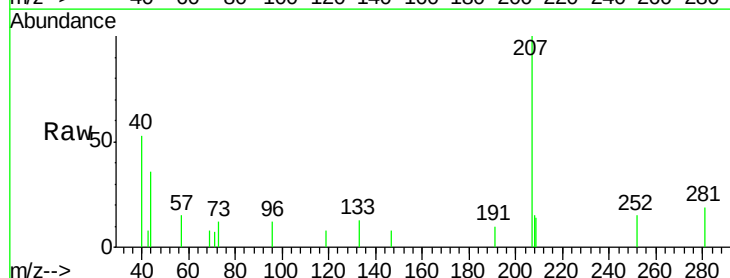


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

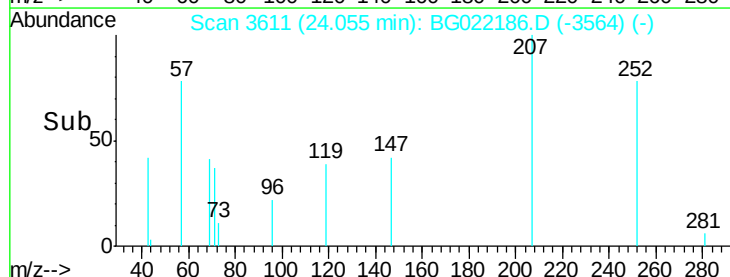
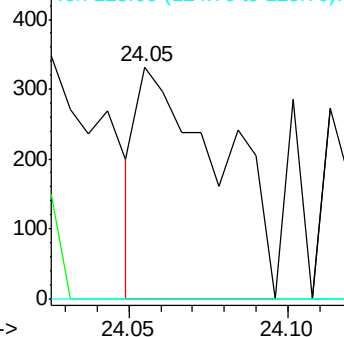


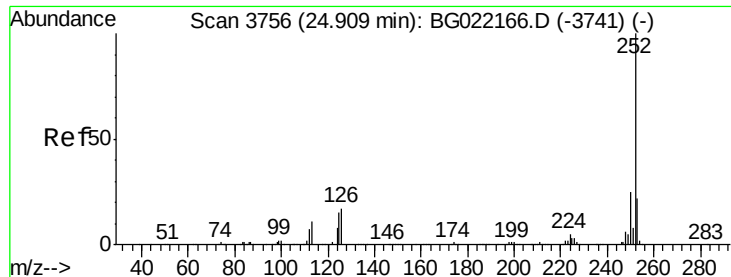
#88
Benzo(k)fluoranthene
Concen: 0.06 ng
RT: 24.05 min Scan# 3611
Delta R.T. -0.03 min
Lab File: BG022186.D
Acq: 7 Jun 2016 2:31

Tgt Ion:252 Resp: 602
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: 0.07 ng

RT: 24.92 min Scan# 3758

Delta R.T. 0.01 min

Lab File: BG022186.D

Acq: 7 Jun 2016 2:31

Instrument :

BNA_G

ClientSampled :

SB-14

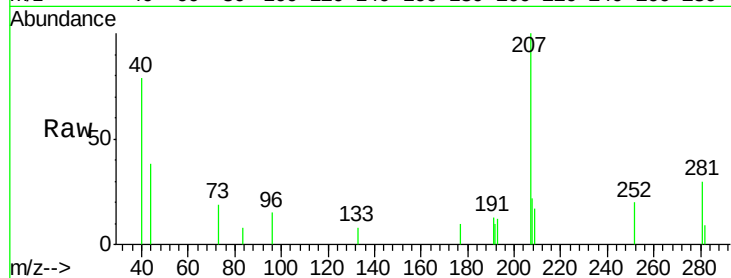
Tgt Ion: 252 Resp: 656

Ion Ratio Lower Upper

252 100

253 0.0 17.1 25.7#

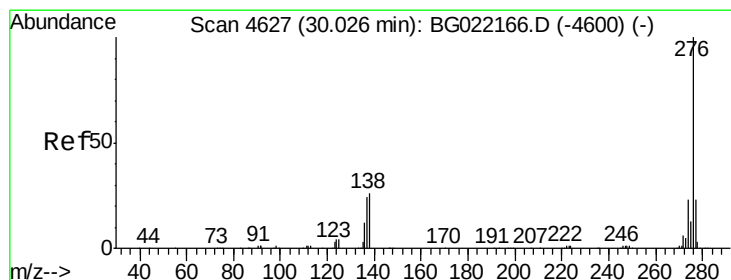
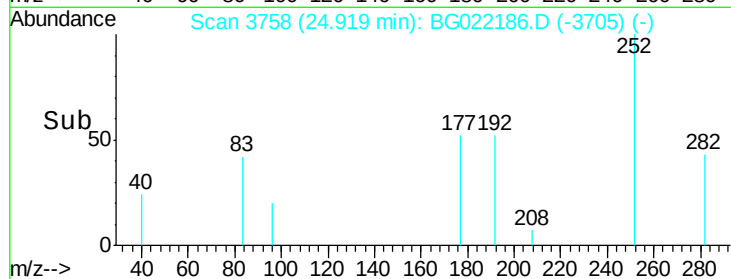
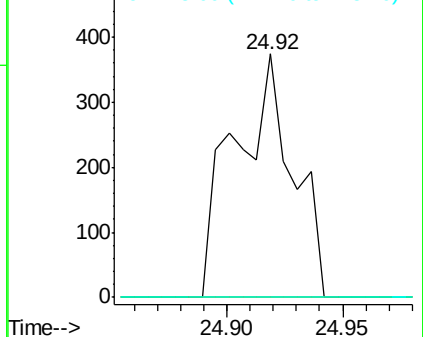
125 0.0 9.6 14.4#



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: 30.01 min Scan# 4625

Delta R.T. -0.01 min

Lab File: BG022186.D

Acq: 7 Jun 2016 2:31

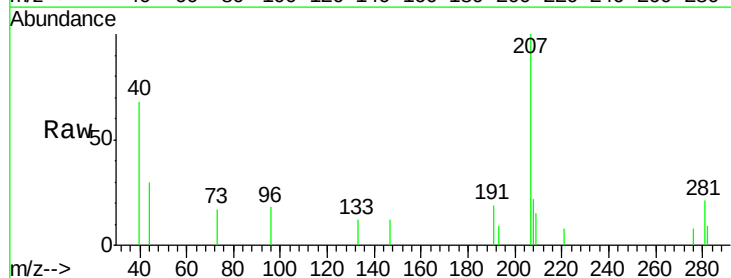
Tgt Ion: 276 Resp: 56

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

