

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060616\
 Data File : BG022175.D
 Acq On : 6 Jun 2016 19:04
 Operator : UM/SJ
 Sample : H3399-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-13

Quant Time: Jun 07 03:19:53 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	27402	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	125730	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	80524	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	190837	20.00	ng	0.00
75) Chrysene-d12	21.77	240	193477	20.00	ng	0.00
86) Perylene-d12	25.06	264	189511	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	262233	185.03	ng	0.00
7) Phenol-d6	7.28	99	375805	168.65	ng	0.00
23) Nitrobenzene-d5	9.29	82	194669	107.94	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	143992	158.25	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	515446	97.55	ng	0.00
78) Terphenyl-d14	20.09	244	788390	96.74	ng	0.00

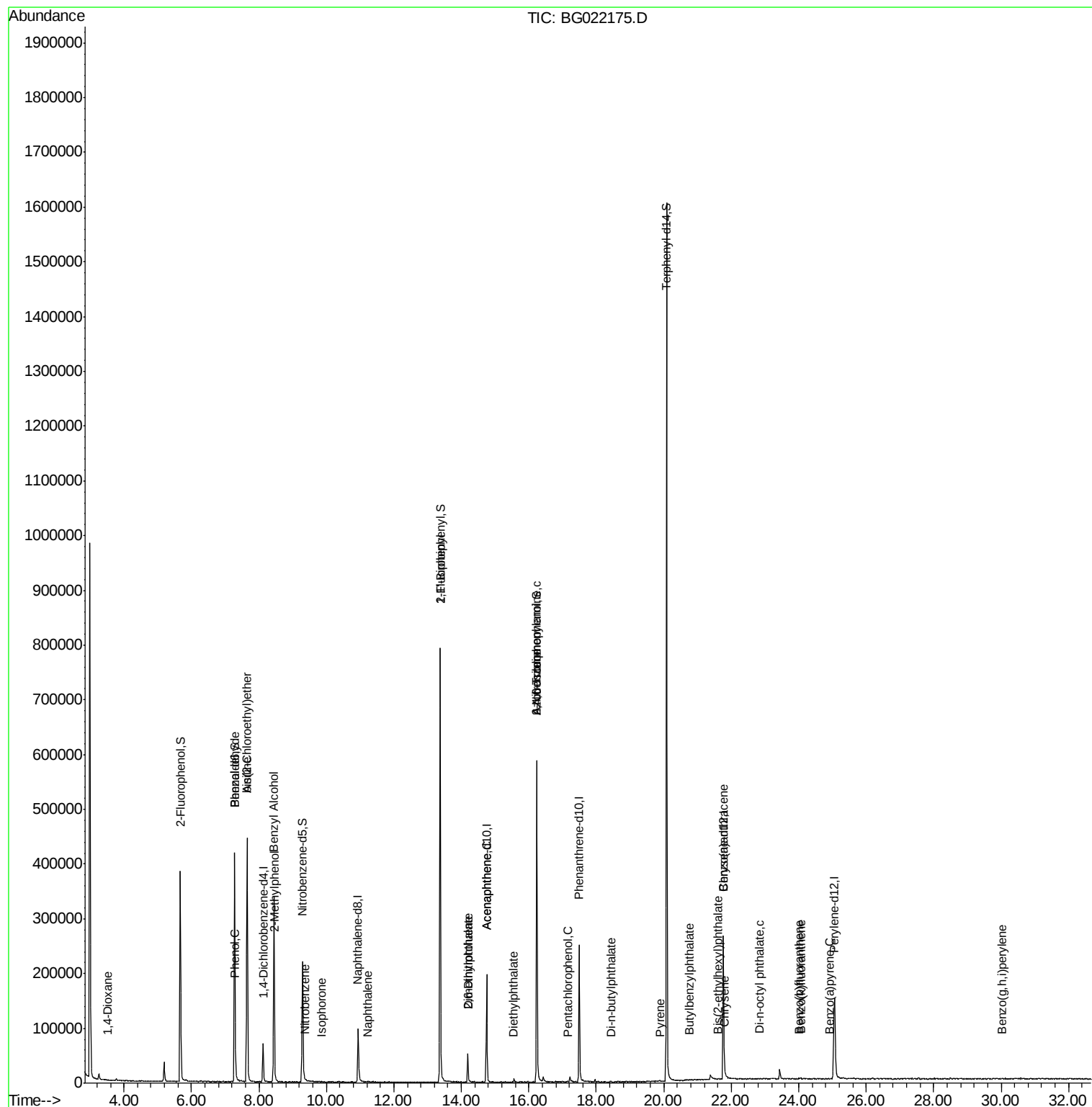
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	152	0.22	ng	# 1
6) Aniline	7.65	93	317	0.11	ng	# 1
9) Benzaldehyde	7.27	77	237	0.19	ng	# 7
10) Phenol	7.31	94	1235	0.54	ng	# 1
11) bis(2-Chloroethyl)ether	7.65	93	317	0.17	ng	# 1
15) Benzyl Alcohol	8.44	79	2759	1.92	ng	# 49
17) 2-Methylphenol	8.46	107	53	0.03	ng	# 1
24) Nitrobenzene	9.37	77	55	0.03	ng	# 43
25) Isophorone	9.84	82	89	0.02	ng	# 67
31) Naphthalene	11.22	128	56	0.01	ng	# 1
45) 1,1'-Biphenyl	13.36	154	853	0.14	ng	# 1
49) Dimethylphthalate	14.19	163	50538	7.57	ng	100
50) 2,6-Dinitrotoluene	14.20	165	307	0.21	ng	# 1
51) Acenaphthene	14.74	154	121	0.02	ng	# 4
59) Diethylphthalate	15.54	149	72	0.01	ng	# 60
62) Azobenzene	16.23	77	474	0.09	ng	# 17
65) n-Nitrosodiphenylamine	16.23	169	4916	0.89	ng	# 44
69) Pentachlorophenol	17.14	266	86	6.86	ng	# 39
73) Di-n-butylphthalate	18.44	149	1442	0.11	ng	# 78
77) Pyrene	19.90	202	195	0.02	ng	# 55
79) Butylbenzylphthalate	20.76	149	237	0.04	ng	# 23
80) Benzo(a)anthracene	21.76	228	1224	0.11	ng	# 59
82) Chrysene	21.82	228	1230	0.12	ng	# 83
83) Bis(2-ethylhexyl)phthalate	21.62	149	820	0.10	ng	# 52
84) Di-n-octyl phthalate	22.85	149	303	0.02	ng	# 42
87) Benzo(b)fluoranthene	24.02	252	248	0.02	ng	# 60
88) Benzo(k)fluoranthene	24.08	252	378	0.03	ng	# 59
89) Benzo(a)pyrene	24.92	252	117	0.01	ng	# 60
91) Benzo(g,h,i)perylene	30.03	276	55	0.01	ng	# 53

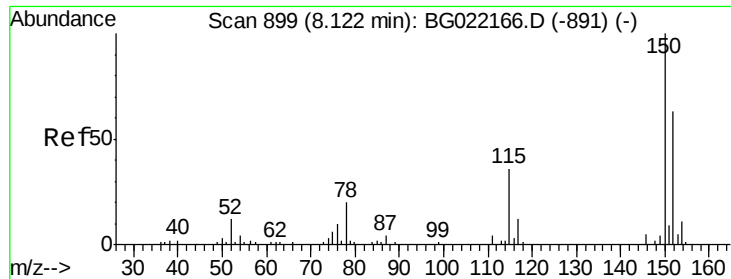
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. 0.00 min

Lab File: BG022175.D

Acq: 6 Jun 2016 19:04

Instrument :

BNA_G

ClientSampleId :

SB-13

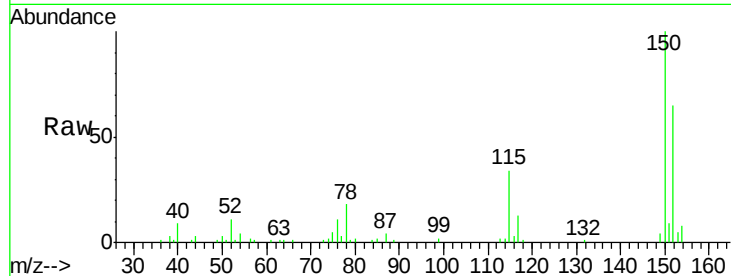
Tgt Ion:152 Resp: 27402

Ion Ratio Lower Upper

152 100

150 154.1 130.1 195.1

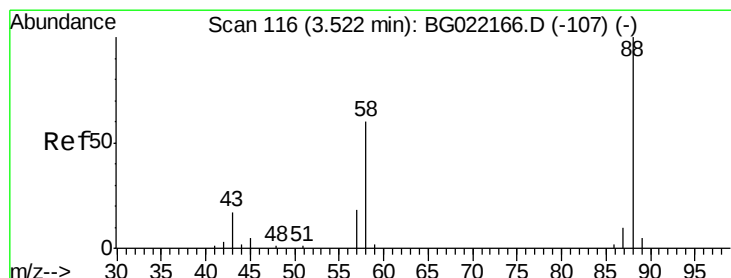
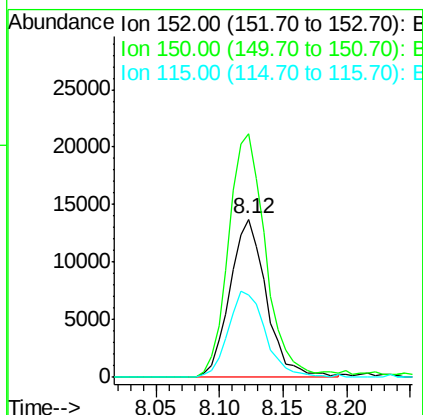
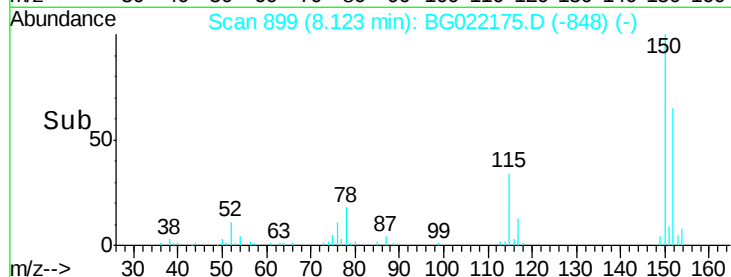
115 52.4 62.2 93.2#



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: 0.22 ng

RT: 3.53 min Scan# 117

Delta R.T. 0.01 min

Lab File: BG022175.D

Acq: 6 Jun 2016 19:04

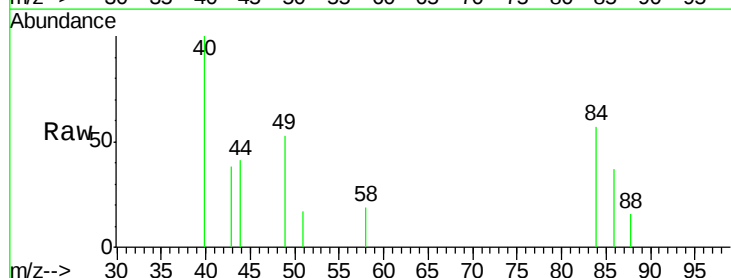
Tgt Ion: 88 Resp: 152

Ion Ratio Lower Upper

88 100

58 481.6 36.8 55.2#

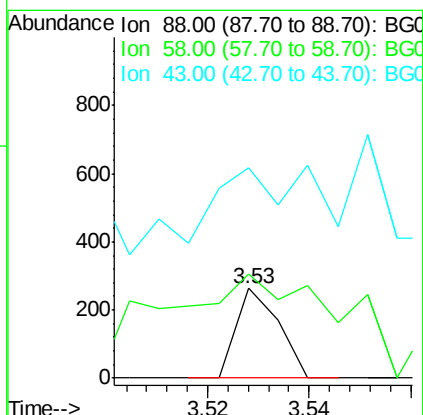
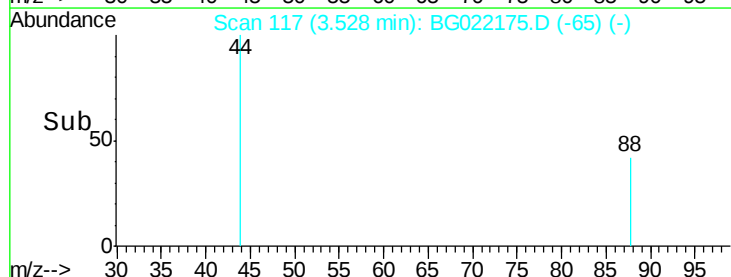
43 113.8 10.4 15.6#

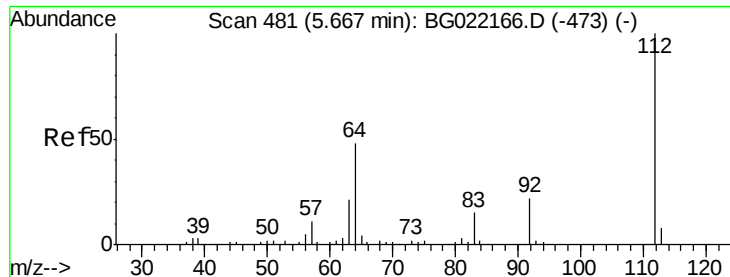


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 185.03 ng

RT: 5.67 min Scan# 481

Delta R.T. 0.00 min

Lab File: BG022175.D

Acq: 6 Jun 2016 19:04

Instrument :

BNA_G

ClientSampleId :

SB-13

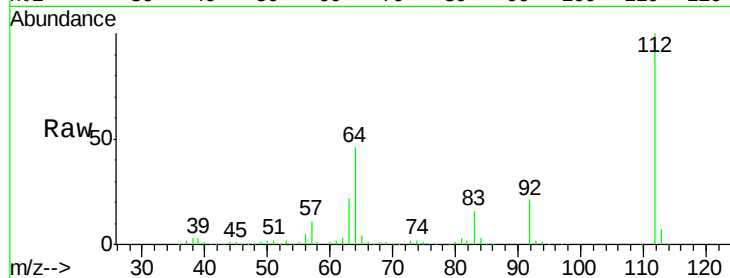
Tgt Ion: 112 Resp: 262233

Ion Ratio Lower Upper

112 100

64 46.5 51.1 76.7#

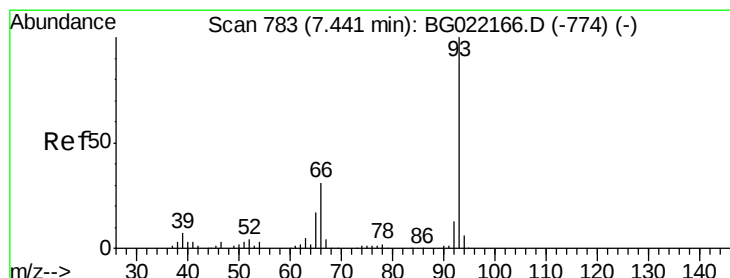
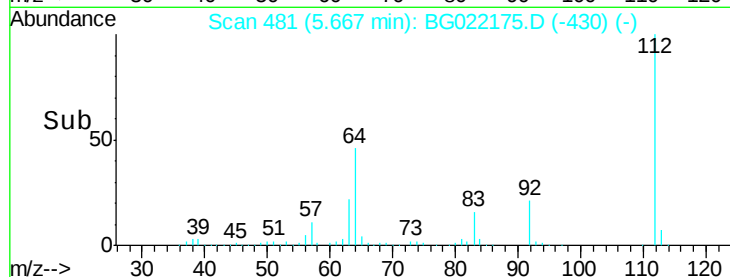
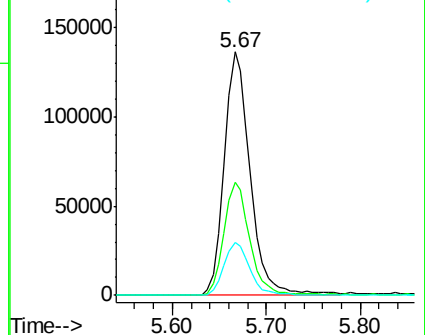
63 21.9 24.6 37.0#



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: 0.11 ng

RT: 7.65 min Scan# 818

Delta R.T. 0.21 min

Lab File: BG022175.D

Acq: 6 Jun 2016 19:04

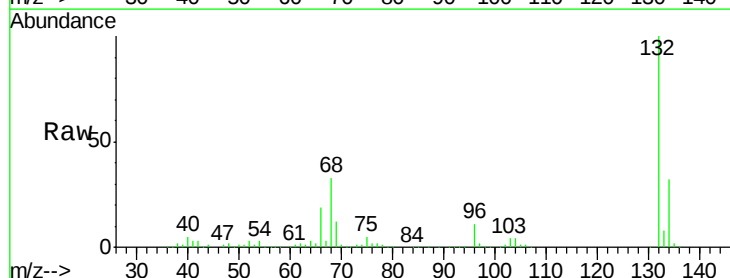
Tgt Ion: 93 Resp: 317

Ion Ratio Lower Upper

93 100

66 10750.5 36.3 54.5#

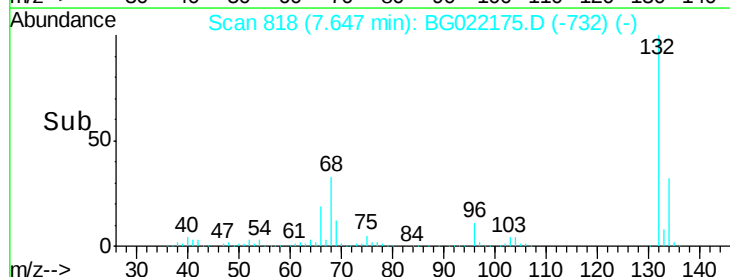
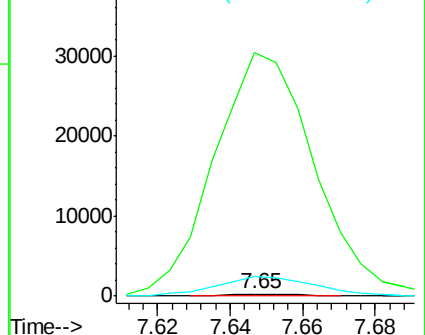
65 867.8 18.4 27.6#

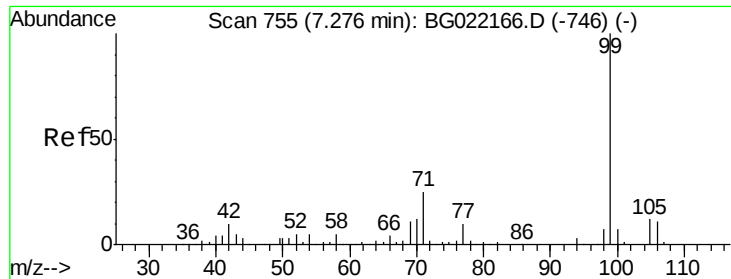


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 168.65 ng

RT: 7.28 min Scan# 755

Delta R.T. 0.00 min

Lab File: BG022175.D

Acq: 6 Jun 2016 19:04

Instrument :

BNA_G

ClientSampled :

SB-13

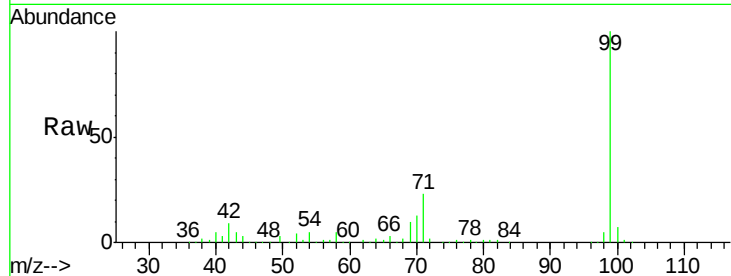
Tgt Ion: 99 Resp: 375805

Ion Ratio Lower Upper

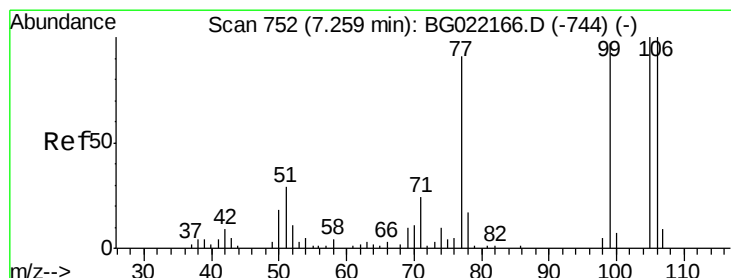
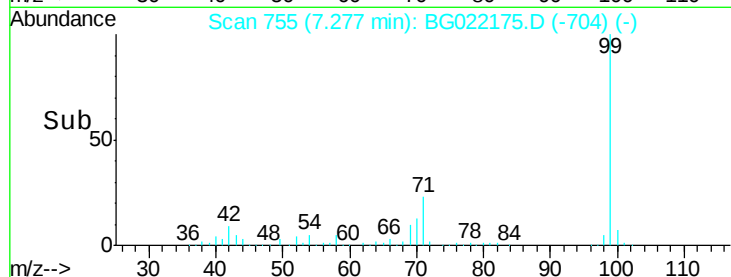
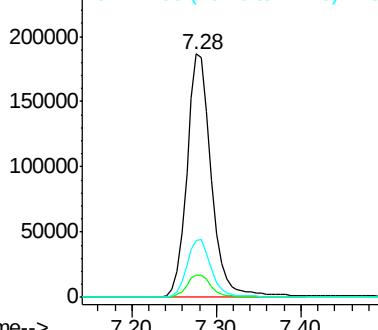
99 100

42 9.1 16.4 24.6#

71 23.4 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: 7.27 min Scan# 754

Delta R.T. 0.01 min

Lab File: BG022175.D

Acq: 6 Jun 2016 19:04

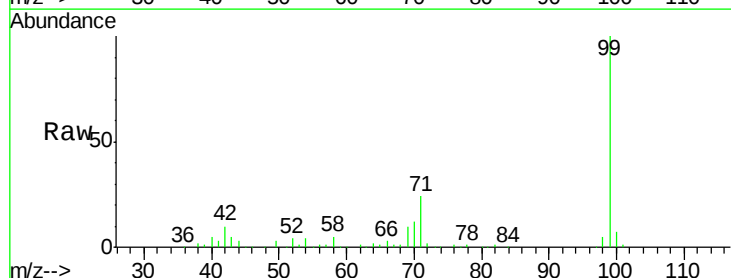
Tgt Ion: 77 Resp: 237

Ion Ratio Lower Upper

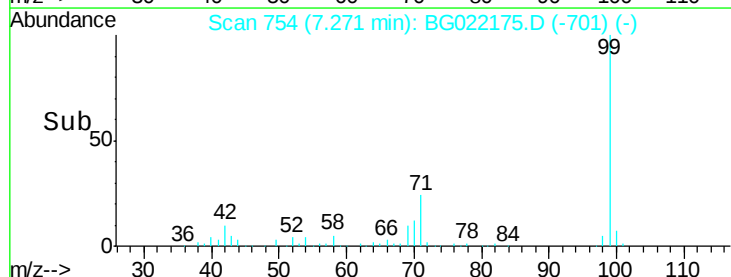
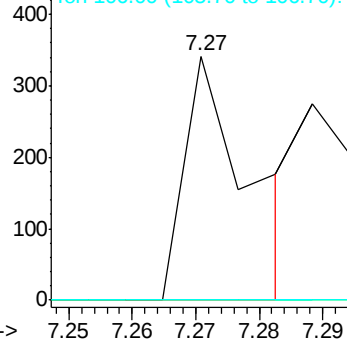
77 100

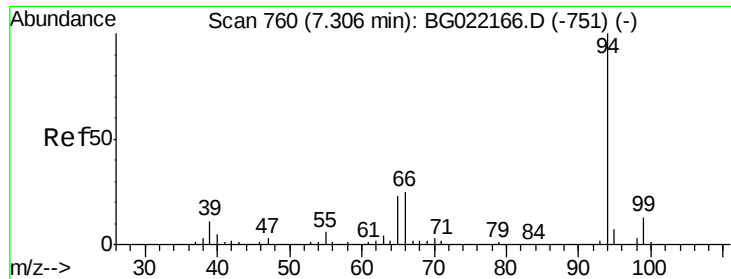
105 0.0 62.1 102.1#

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: 0.54 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022175.D

Acq: 6 Jun 2016 19:04

Instrument :

BNA_G

ClientSampleId :

SB-13

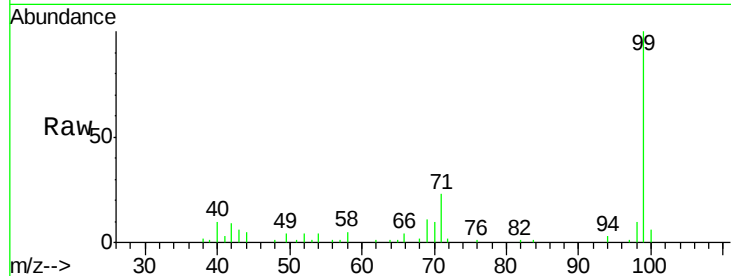
Tgt Ion: 94 Resp: 1235

Ion Ratio Lower Upper

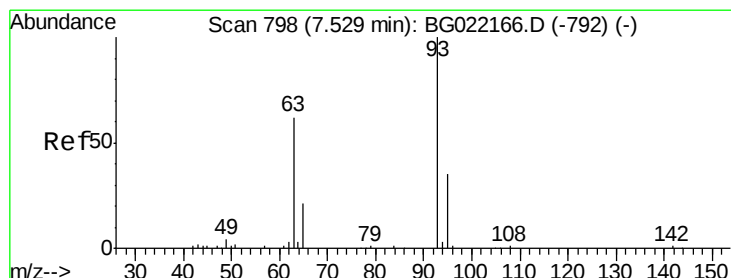
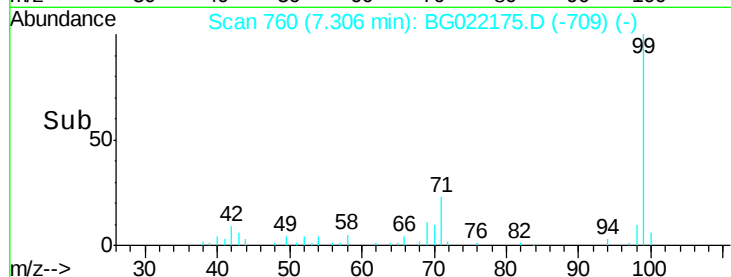
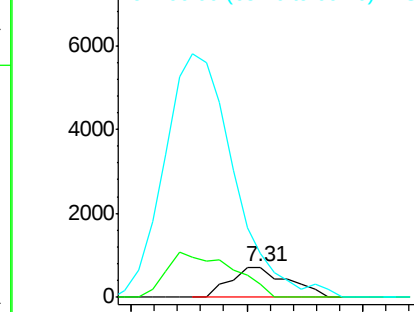
94 100

65 42.8 9.8 49.8

66 147.0 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



#11

bis(2-Chloroethyl)ether

Concen: 0.17 ng

RT: 7.65 min Scan# 818

Delta R.T. 0.12 min

Lab File: BG022175.D

Acq: 6 Jun 2016 19:04

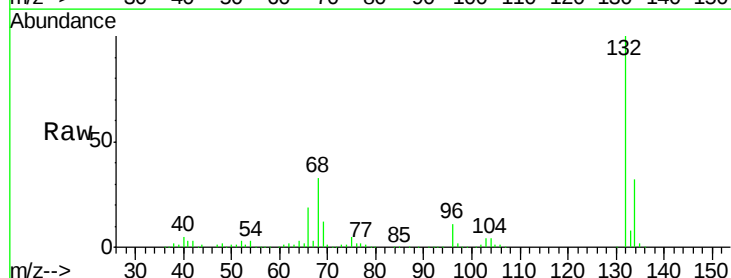
Tgt Ion: 93 Resp: 317

Ion Ratio Lower Upper

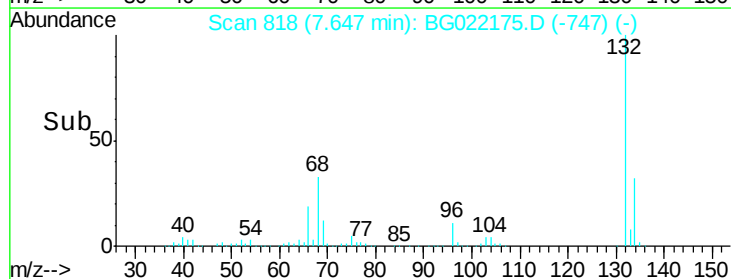
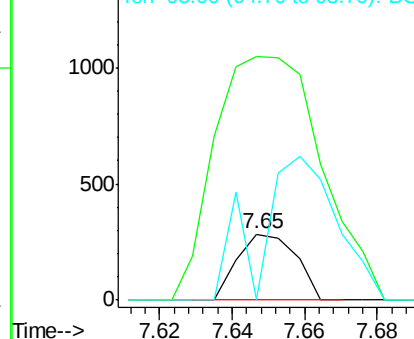
93 100

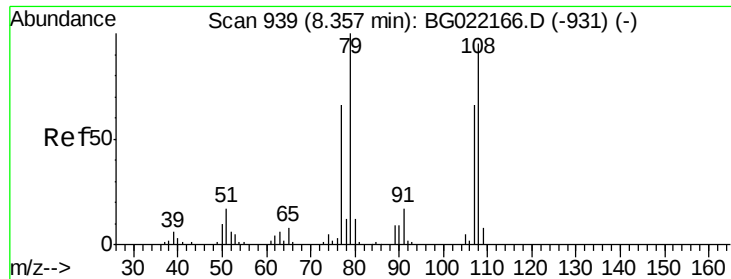
63 370.3 74.9 114.9#

95 0.0 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: 1.92 ng

RT: 8.44 min Scan# 953

Delta R.T. 0.08 min

Lab File: BG022175.D

Acq: 6 Jun 2016 19:04

Instrument :

BNA_G

ClientSampleId :

SB-13

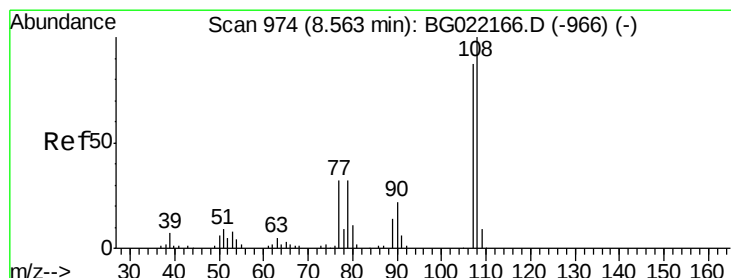
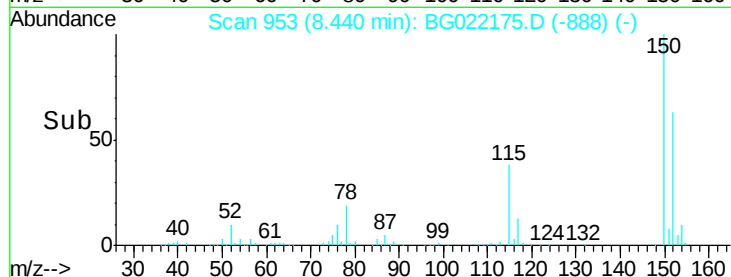
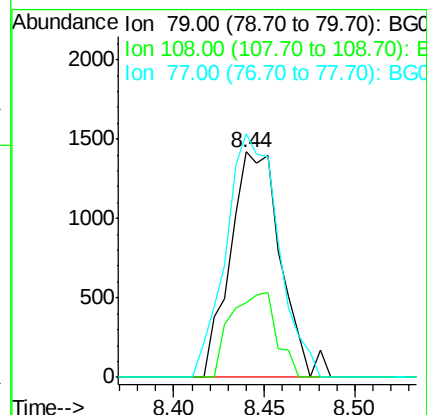
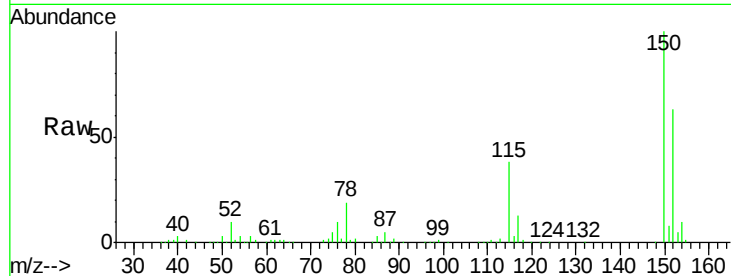
Tgt Ion: 79 Resp: 2759

Ion Ratio Lower Upper

79 100

108 33.1 59.4 89.0#

77 108.0 52.2 78.2#



#17

2-Methylphenol

Concen: 0.03 ng

RT: 8.46 min Scan# 957

Delta R.T. -0.10 min

Lab File: BG022175.D

Acq: 6 Jun 2016 19:04

Tgt Ion: 107 Resp: 53

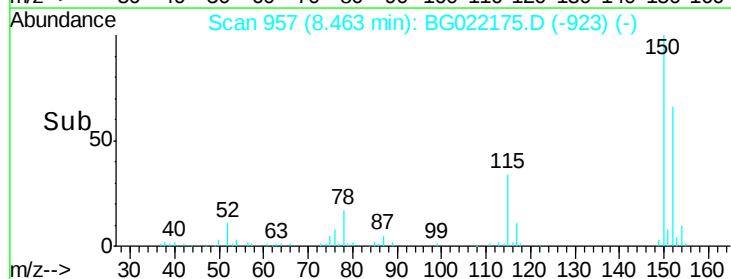
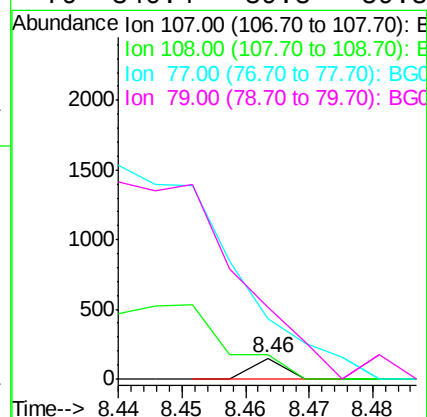
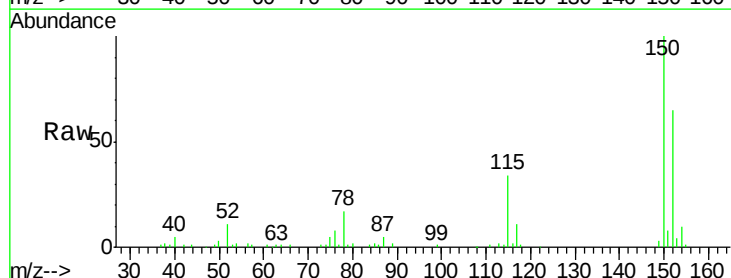
Ion Ratio Lower Upper

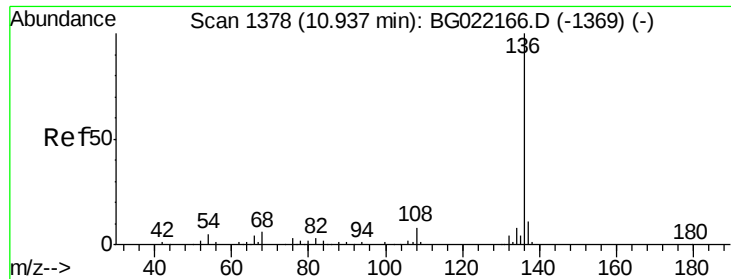
107 100

108 114.6 80.2 120.4

77 287.4 40.7 61.1#

79 340.4 39.8 59.8#

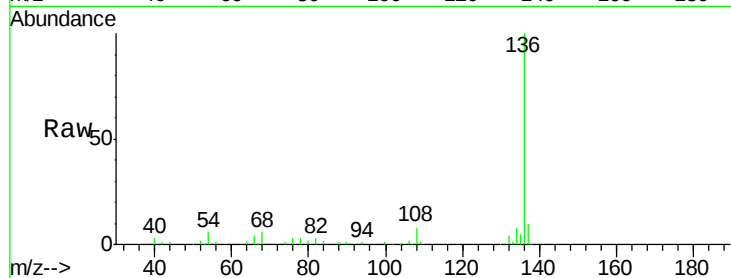




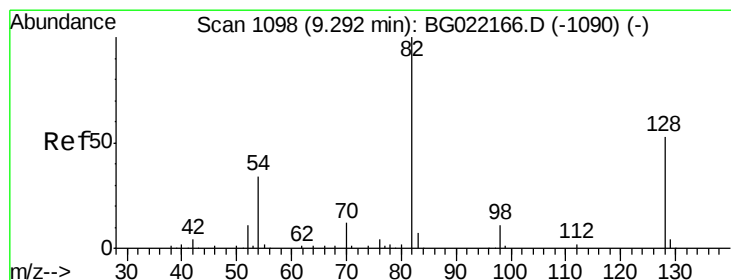
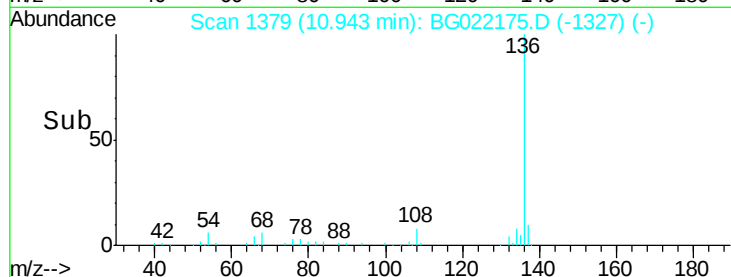
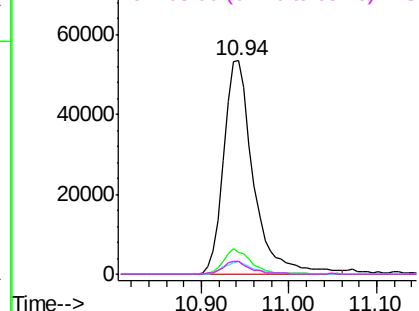
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BG022175.D
Acq: 6 Jun 2016 19:04

Instrument :
BNA_G
ClientSampleId :
SB-13

Tgt Ion:	136	Resp:	125730
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.0	13.4
54	6.0	9.6	14.4#
68	6.1	6.4	9.6#

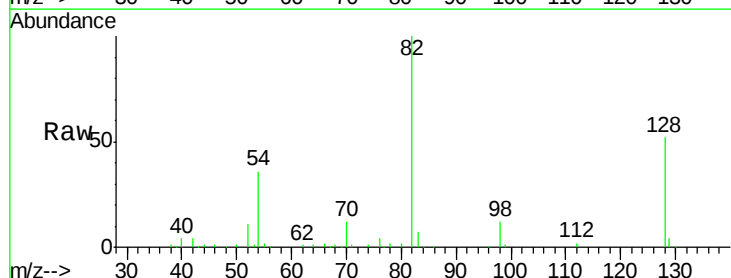


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

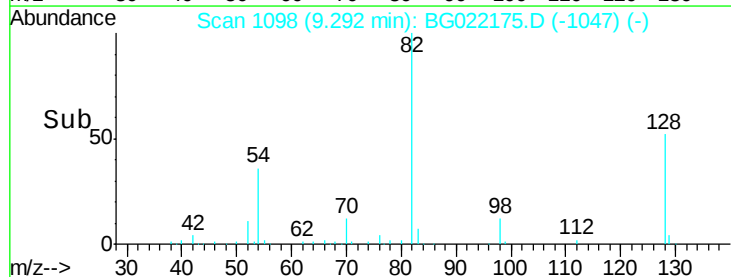
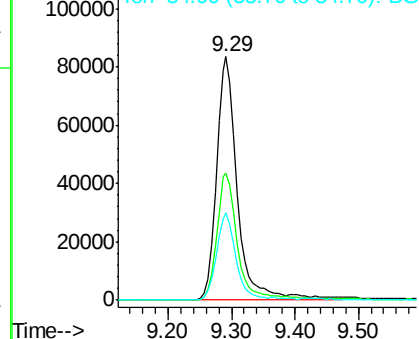


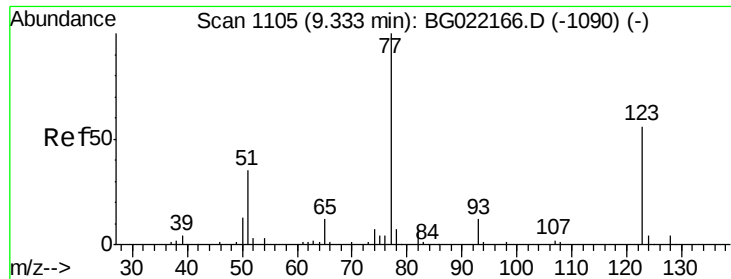
#23
Nitrobenzene-d5
Concen: 107.94 ng
RT: 9.29 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BG022175.D
Acq: 6 Jun 2016 19:04

Tgt Ion:	82	Resp:	194669
Ion	Ratio	Lower	Upper
82	100		
128	52.3	33.4	50.0#
54	36.1	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

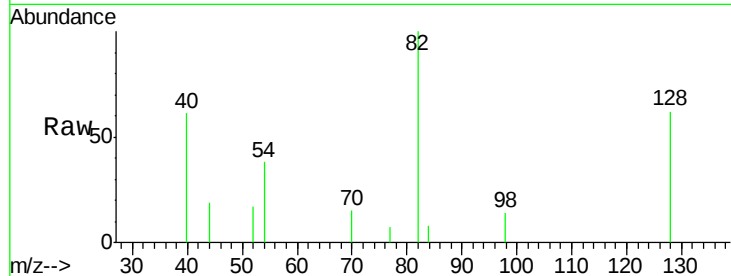




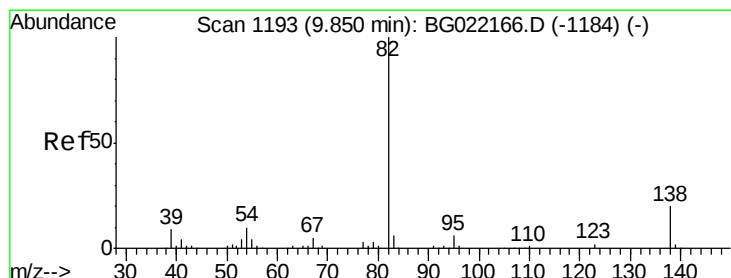
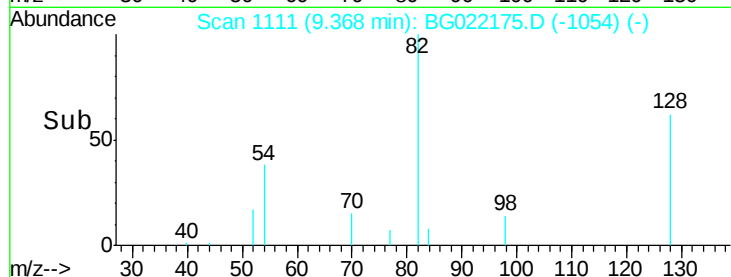
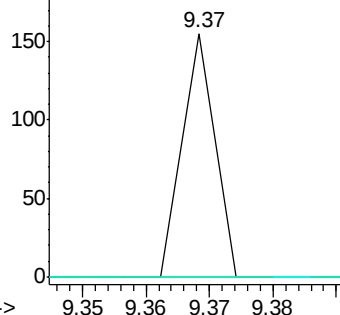
#24
 Nitrobenzene
 Concen: 0.03 ng
 RT: 9.37 min Scan# 1111
 Delta R.T. 0.04 min
 Lab File: BG022175.D
 Acq: 6 Jun 2016 19:04

Instrument :
 BNA_G
 ClientSampled :
 SB-13

Tgt Ion: 77 Resp: 55
 Ion Ratio Lower Upper
 77 100
 123 0.0 32.2 48.4#
 65 0.0 10.3 15.5#

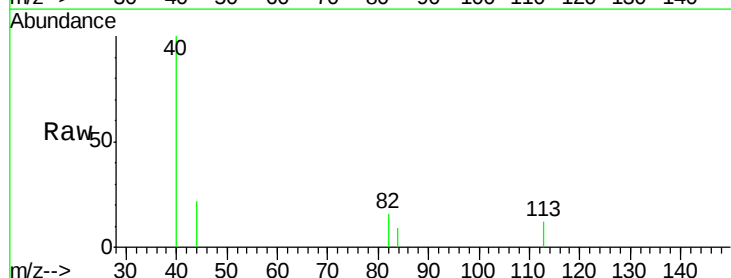


Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC

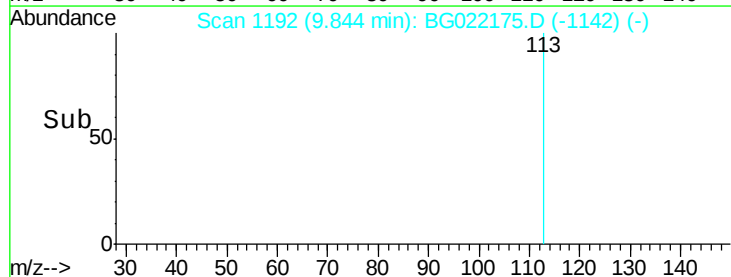
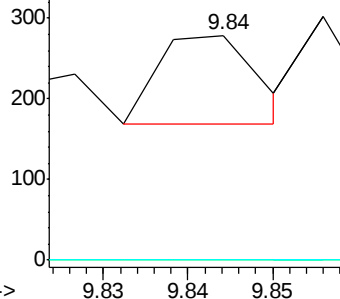


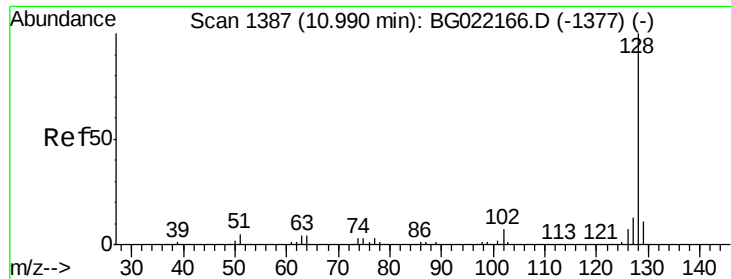
#25
 Isophorone
 Concen: 0.02 ng
 RT: 9.84 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BG022175.D
 Acq: 6 Jun 2016 19:04

Tgt Ion: 82 Resp: 89
 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

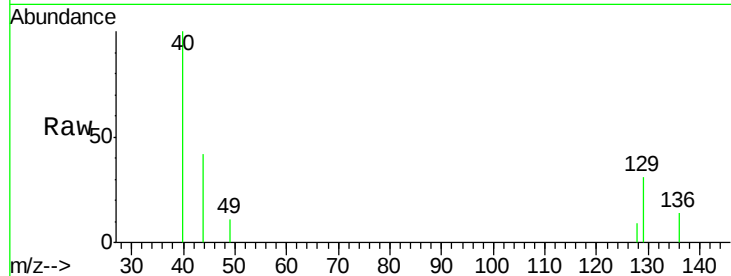




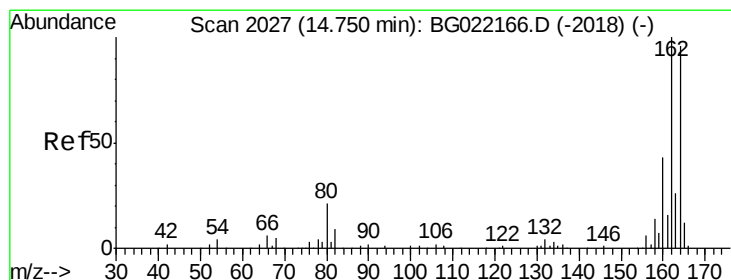
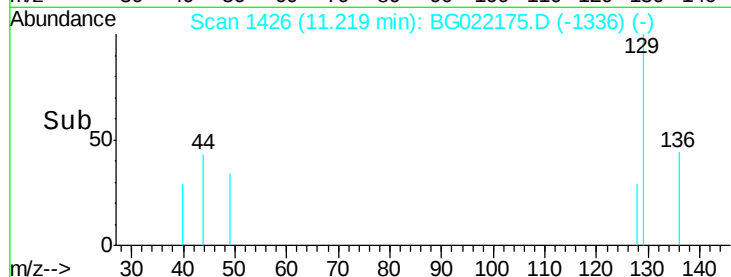
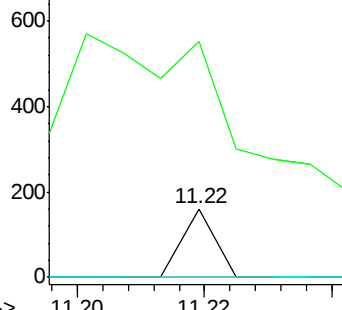
#31
Naphthalene
Concen: 0.01 ng
RT: 11.22 min Scan# 1426
Delta R.T. 0.23 min
Lab File: BG022175.D
Acq: 6 Jun 2016 19:04

Instrument :
BNA_G
ClientSampled :
SB-13

Tgt Ion:128 Resp: 56
Ion Ratio Lower Upper
128 100
129 344.4 7.0 10.6#
127 0.0 10.1 15.1#

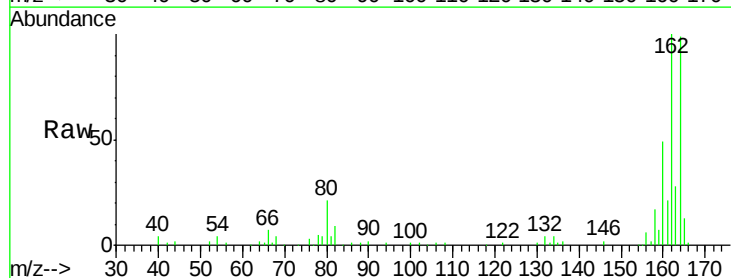


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

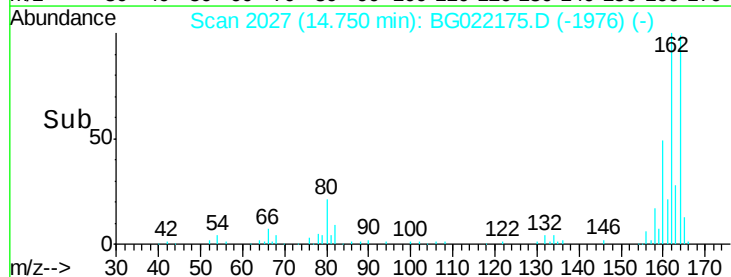
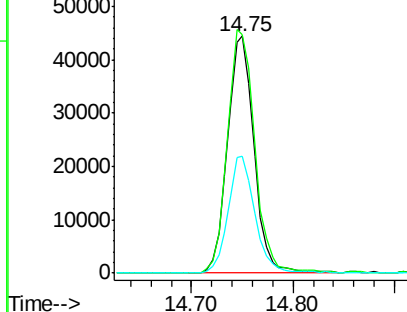


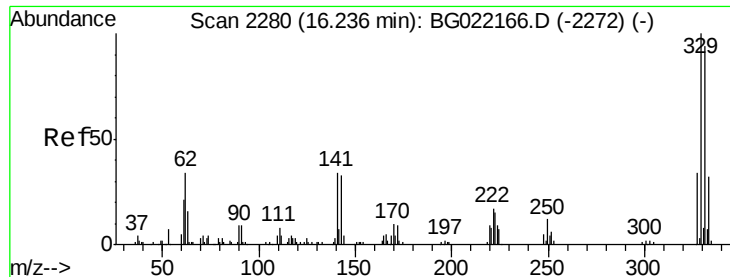
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG022175.D
Acq: 6 Jun 2016 19:04

Tgt Ion:164 Resp: 80524
Ion Ratio Lower Upper
164 100
162 100.6 78.0 117.0
160 49.1 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

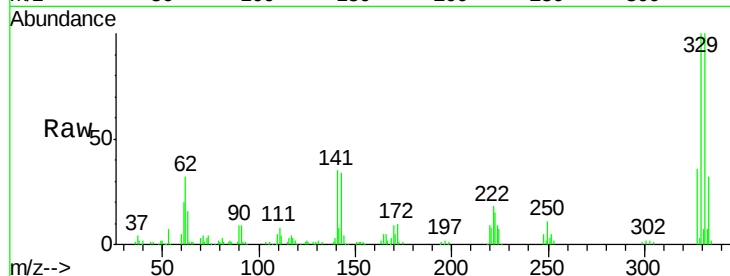




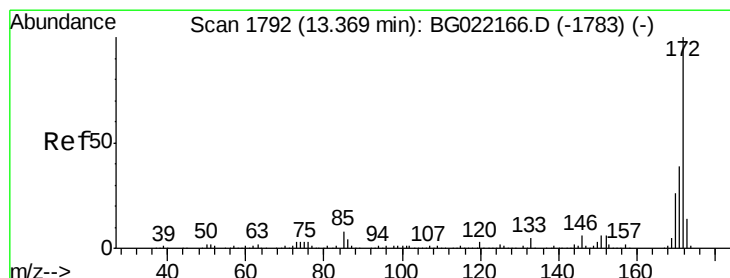
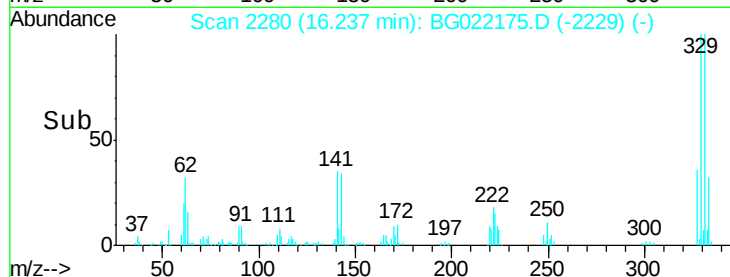
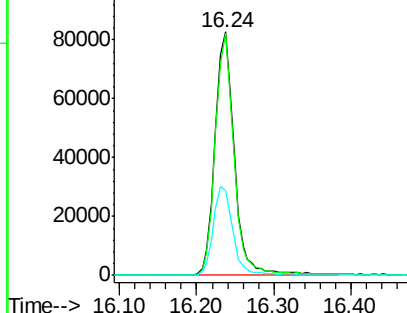
#41
 2,4,6-Tribromophenol
 Concen: 158.25 ng
 RT: 16.24 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: BG022175.D
 Acq: 6 Jun 2016 19:04

Instrument :
 BNA_G
 ClientSampled :
 SB-13

Tgt Ion:330 Resp: 143992
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.0 117.0
 141 36.5 33.8 50.8

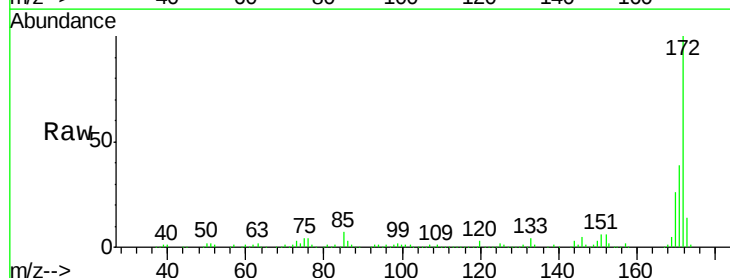


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

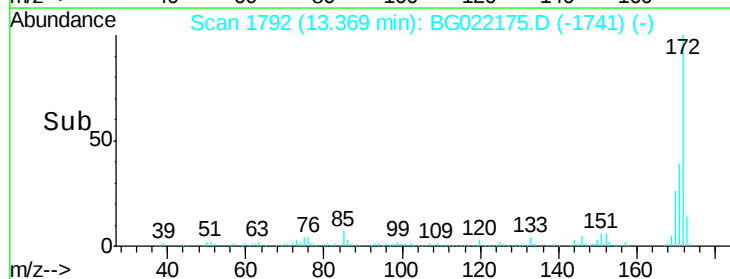
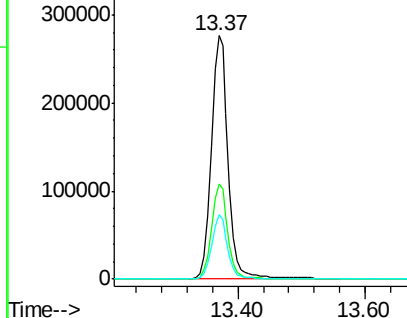


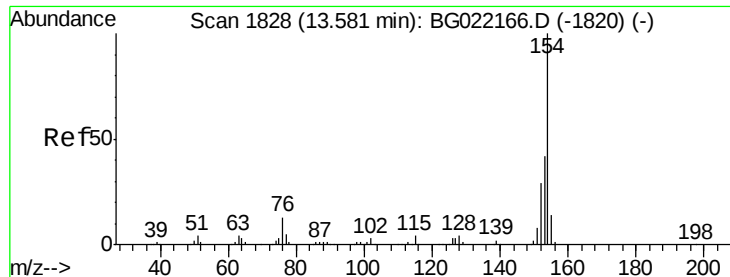
#44
 2-Fluorobiphenyl
 Concen: 97.55 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: BG022175.D
 Acq: 6 Jun 2016 19:04

Tgt Ion:172 Resp: 515446
 Ion Ratio Lower Upper
 172 100
 171 39.1 27.8 41.6
 170 26.3 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

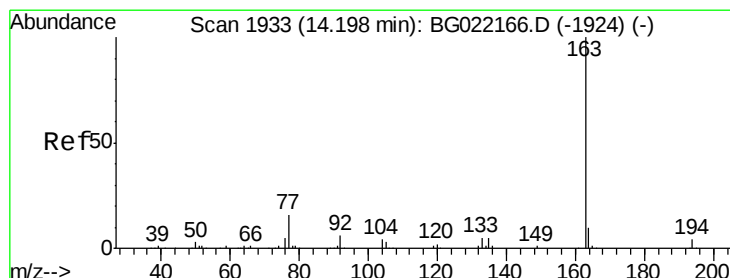
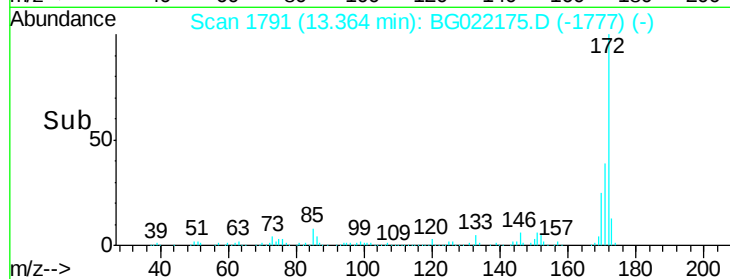
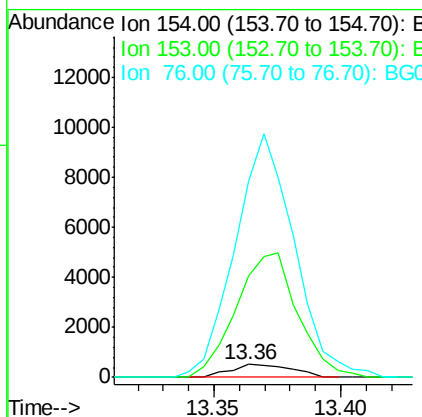
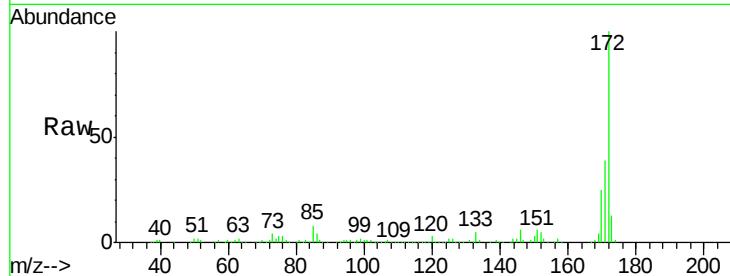




#45
 1,1'-Biphenyl
 Concen: 0.14 ng
 RT: 13.36 min Scan# 1791
 Delta R.T. -0.22 min
 Lab File: BG022175.D
 Acq: 6 Jun 2016 19:04

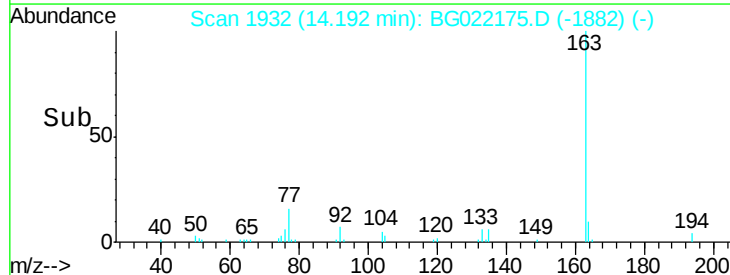
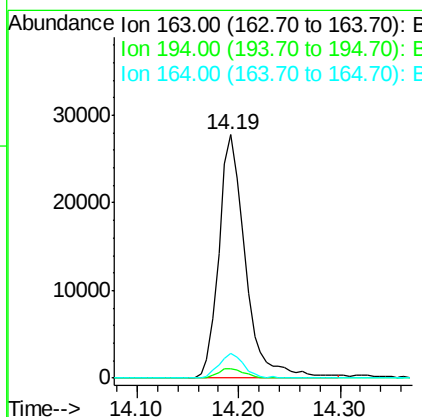
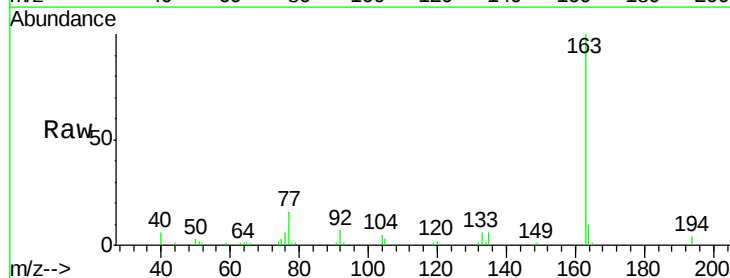
Instrument :
 BNA_G
 ClientSampleId :
 SB-13

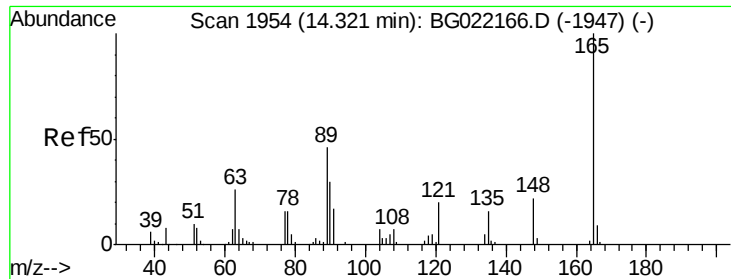
Tgt Ion:154 Resp: 853
 Ion Ratio Lower Upper
 154 100
 153 801.0 19.7 59.7#
 76 1540.6 0.0 33.0#



#49
 Dimethylphthalate
 Concen: 7.57 ng
 RT: 14.19 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BG022175.D
 Acq: 6 Jun 2016 19:04

Tgt Ion:163 Resp: 50538
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.0 4.6
 164 10.1 8.1 12.1

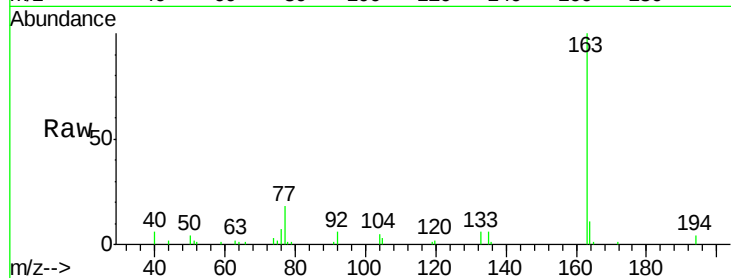




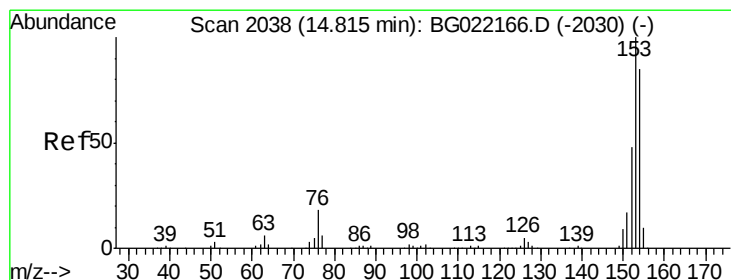
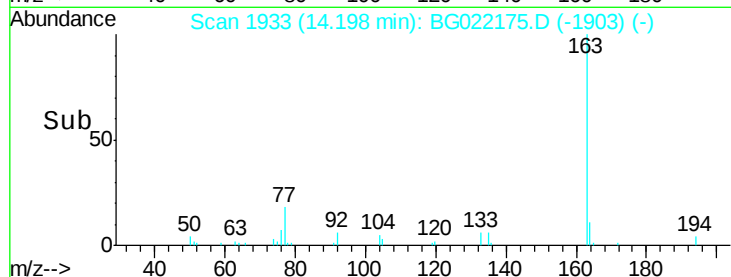
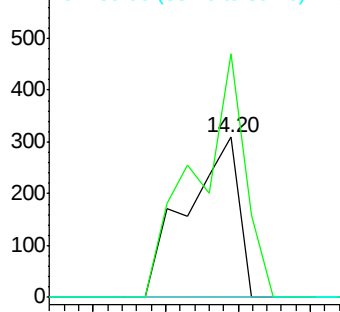
#50
 2,6-Dinitrotoluene
 Concen: 0.21 ng
 RT: 14.20 min Scan# 1933
 Delta R.T. -0.12 min
 Lab File: BG022175.D
 Acq: 6 Jun 2016 19:04

Instrument :
 BNA_G
 ClientSampleId :
 SB-13

Tgt Ion:165 Resp: 307
 Ion Ratio Lower Upper
 165 100
 63 152.1 48.2 72.4#
 89 0.0 45.3 67.9#

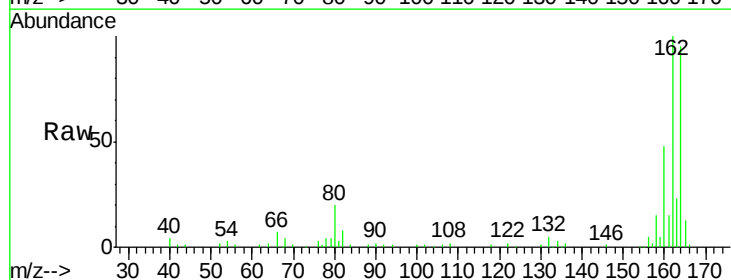


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

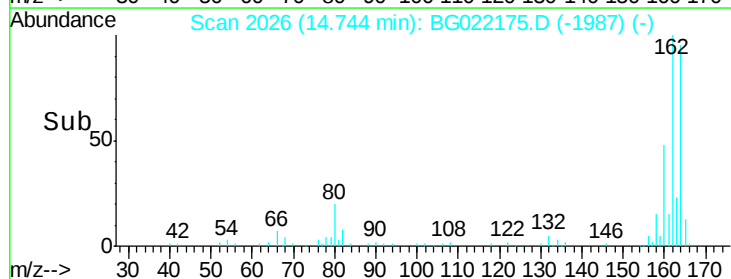
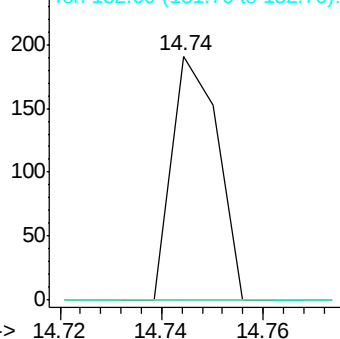


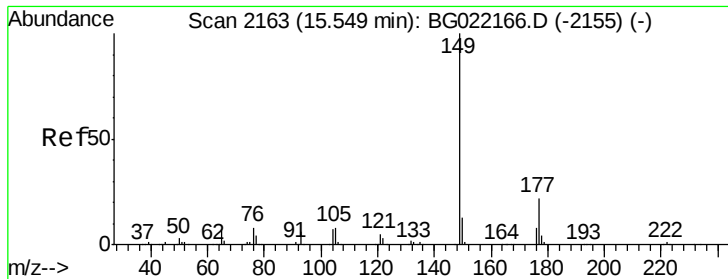
#51
 Acenaphthene
 Concen: 0.02 ng
 RT: 14.74 min Scan# 2026
 Delta R.T. -0.07 min
 Lab File: BG022175.D
 Acq: 6 Jun 2016 19:04

Tgt Ion:154 Resp: 121
 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

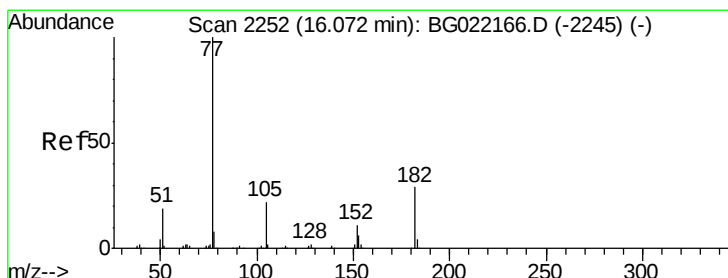
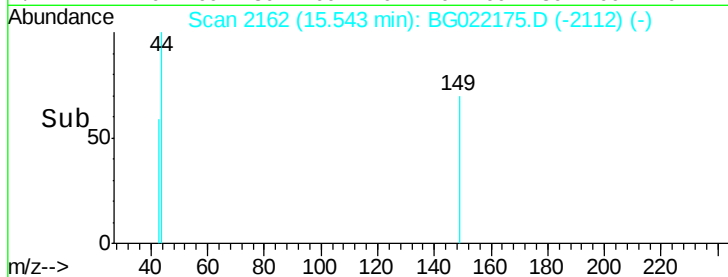
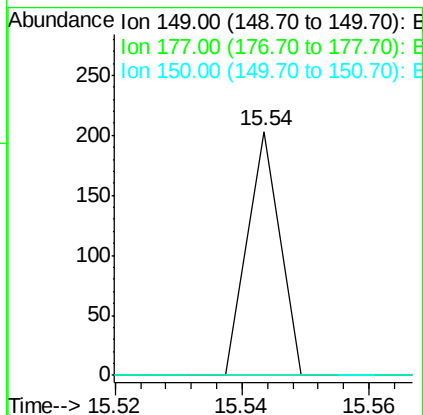
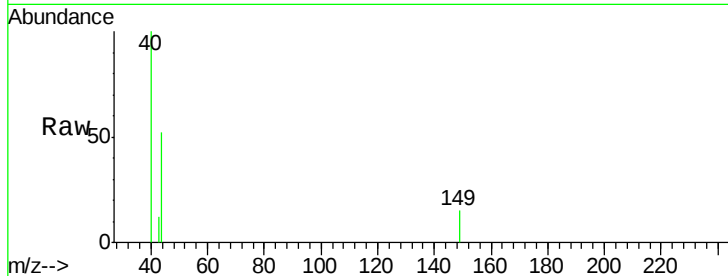




#59
Diethylphthalate
Concen: 0.01 ng
RT: 15.54 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BG022175.D
Acq: 6 Jun 2016 19:04

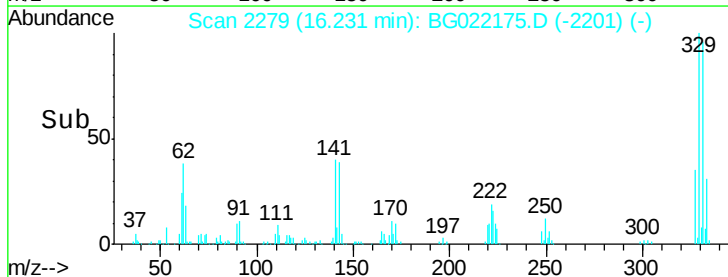
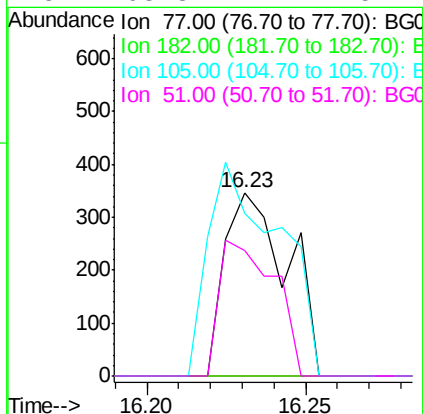
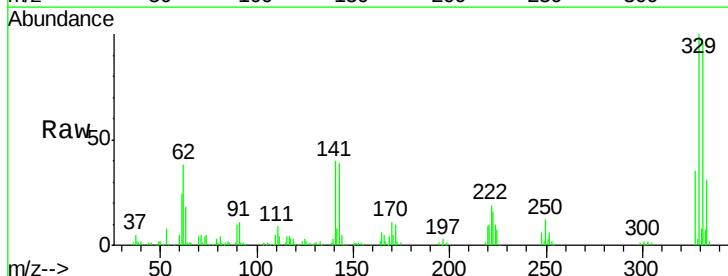
Instrument :
BNA_G
ClientSampled :
SB-13

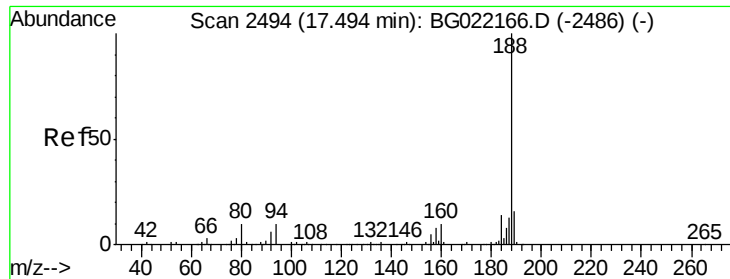
Tgt Ion: 149 Resp: 72
Ion Ratio Lower Upper
149 100
177 0.0 17.3 25.9#
150 0.0 9.7 14.5#



#62
Azobenzene
Concen: 0.09 ng
RT: 16.23 min Scan# 2279
Delta R.T. 0.16 min
Lab File: BG022175.D
Acq: 6 Jun 2016 19:04

Tgt Ion: 77 Resp: 474
Ion Ratio Lower Upper
77 100
182 0.0 4.1 44.1#
105 88.5 0.0 39.8#
51 68.3 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: BG022175.D

Acq: 6 Jun 2016 19:04

Instrument :

BNA_G

ClientSampleId :

SB-13

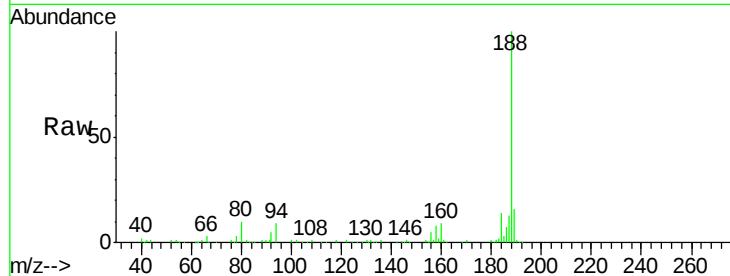
Tgt Ion:188 Resp: 190837

Ion Ratio Lower Upper

188 100

94 9.3 7.5 11.3

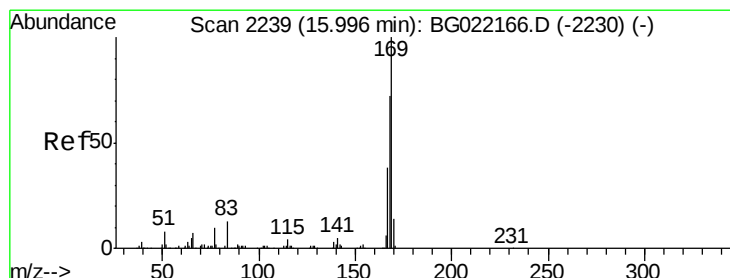
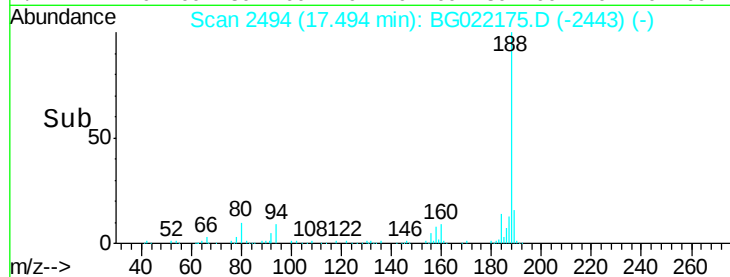
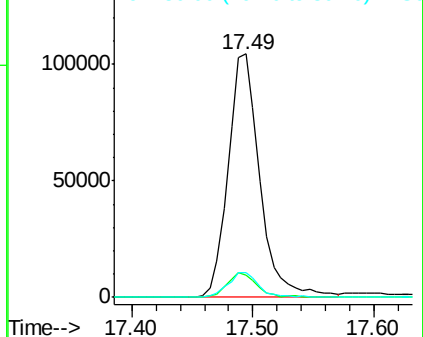
80 10.1 8.6 13.0



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: 0.89 ng

RT: 16.23 min Scan# 2279

Delta R.T. 0.24 min

Lab File: BG022175.D

Acq: 6 Jun 2016 19:04

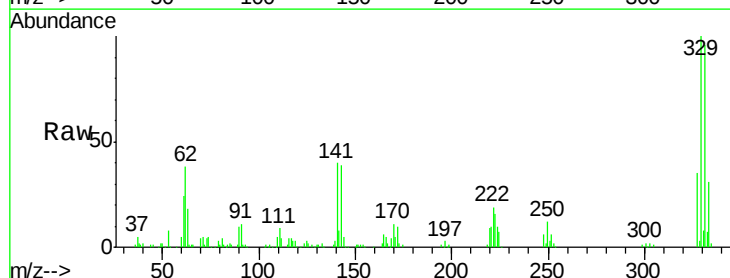
Tgt Ion:169 Resp: 4916

Ion Ratio Lower Upper

169 100

168 8.5 59.6 89.4#

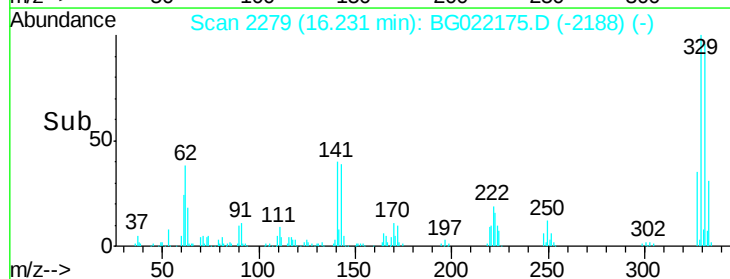
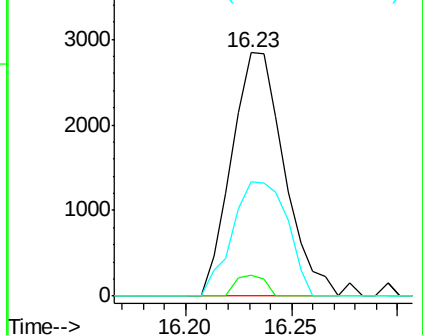
167 47.1 31.2 46.8#

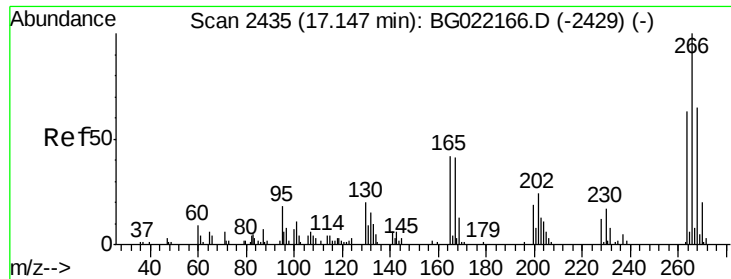


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Pentachlorophenol

Concen: 6.86 ng

RT: 17.14 min Scan# 2434

Delta R.T. -0.01 min

Lab File: BG022175.D

Acq: 6 Jun 2016 19:04

Instrument :

BNA_G

ClientSampleId :

SB-13

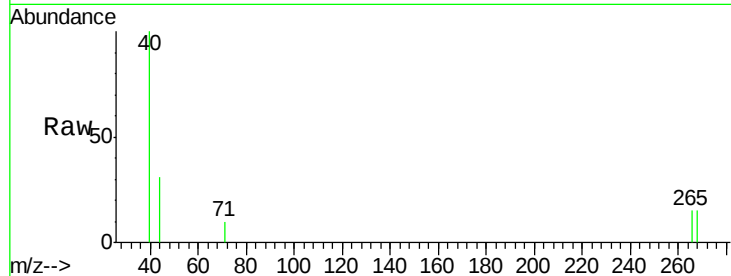
Tgt Ion:266 Resp: 86

Ion Ratio Lower Upper

266 100

268 98.8 54.5 81.7#

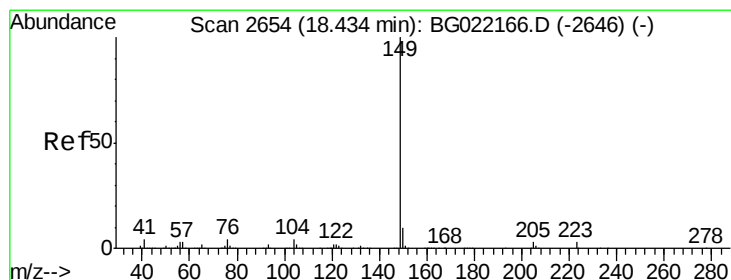
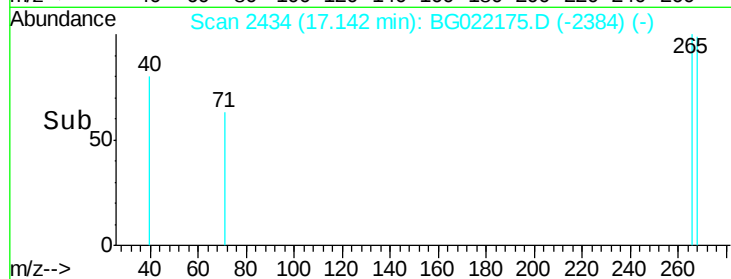
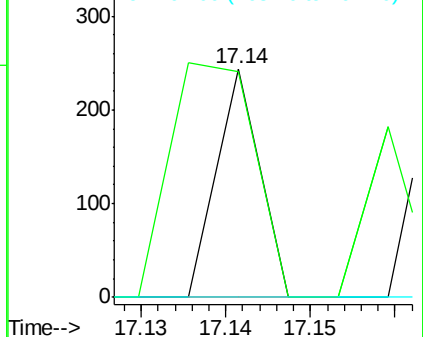
264 0.0 53.8 80.6#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#73

Di-n-butylphthalate

Concen: 0.11 ng

RT: 18.44 min Scan# 2655

Delta R.T. 0.01 min

Lab File: BG022175.D

Acq: 6 Jun 2016 19:04

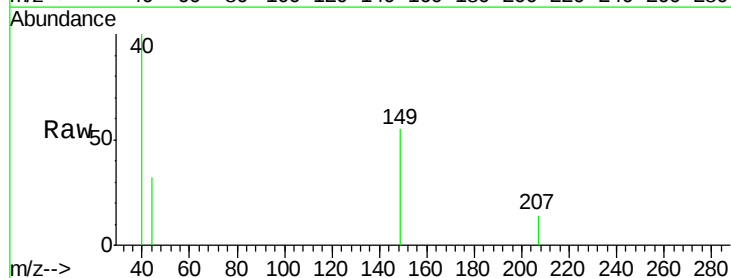
Tgt Ion:149 Resp: 1442

Ion Ratio Lower Upper

149 100

150 0.0 7.4 11.0#

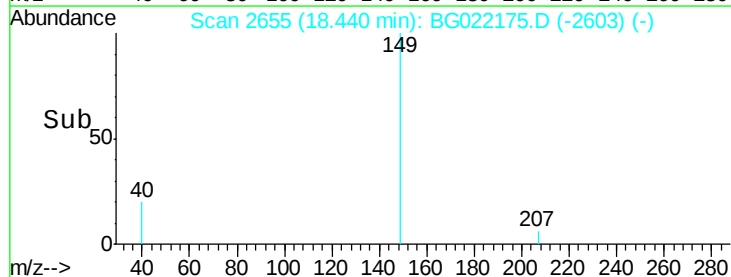
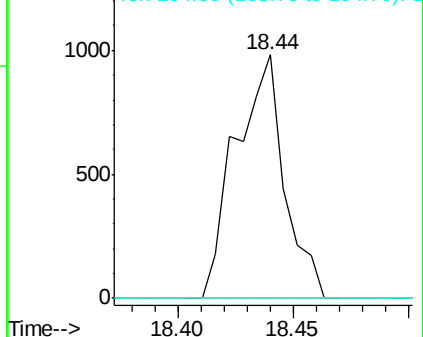
104 0.0 4.0 6.0#

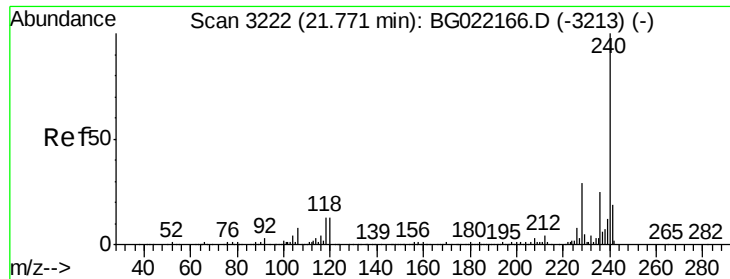


Abundance Ion 149.00 (148.70 to 149.70): E

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: 21.77 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BG022175.D

Acq: 6 Jun 2016 19:04

Instrument :

BNA_G

ClientSampleId :

SB-13

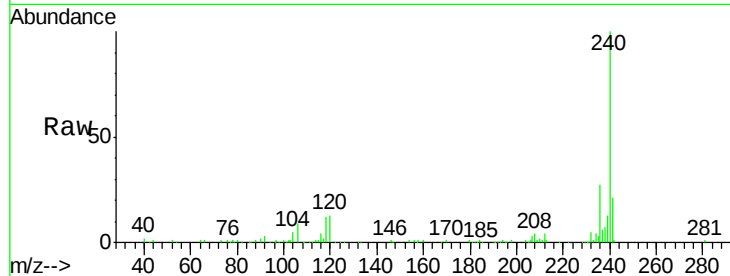
Tgt Ion:240 Resp: 193477

Ion Ratio Lower Upper

240 100

120 12.6 8.4 12.6#

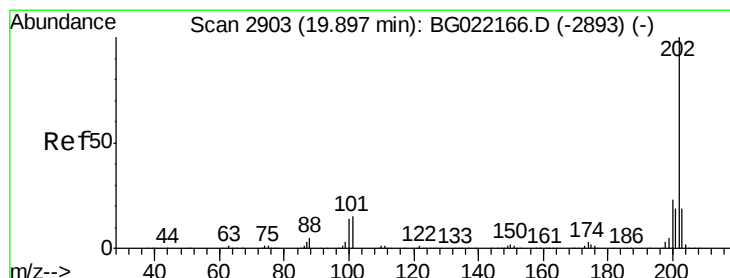
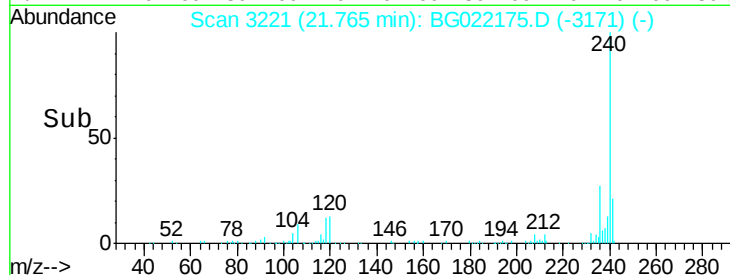
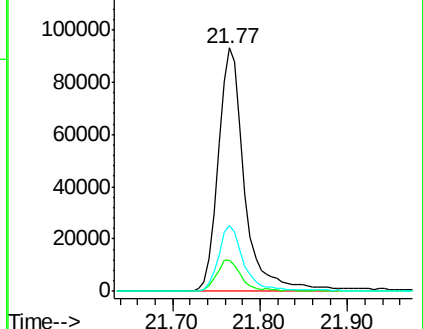
236 26.8 19.6 29.4



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: 0.02 ng

RT: 19.90 min Scan# 2904

Delta R.T. 0.01 min

Lab File: BG022175.D

Acq: 6 Jun 2016 19:04

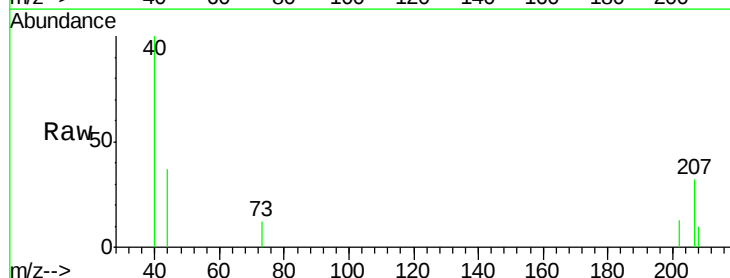
Tgt Ion:202 Resp: 195

Ion Ratio Lower Upper

202 100

200 0.0 18.2 27.2#

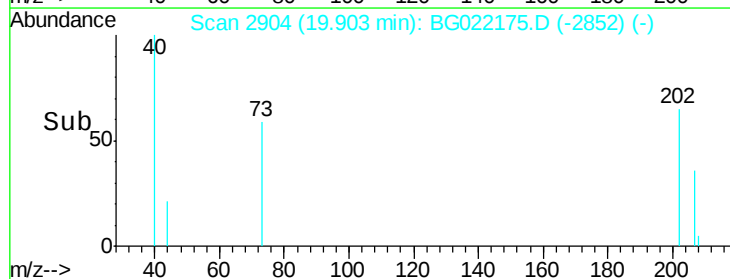
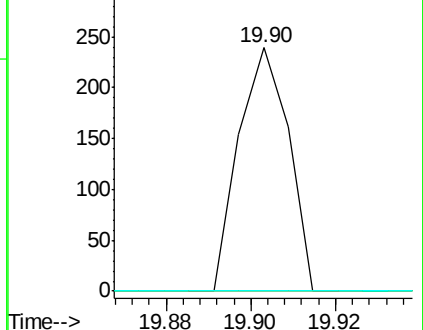
203 0.0 15.0 22.4#

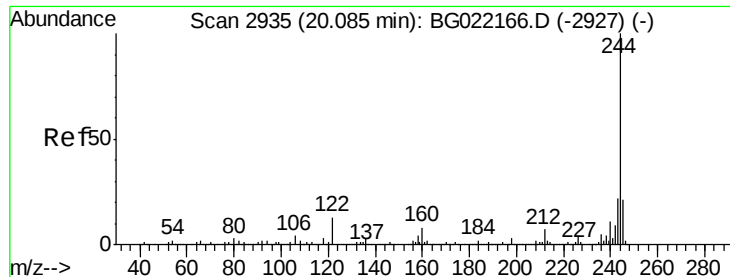


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 96.74 ng

RT: 20.09 min Scan# 2935

Delta R.T. 0.00 min

Lab File: BG022175.D

Acq: 6 Jun 2016 19:04

Instrument :

BNA_G

ClientSampleId :

SB-13

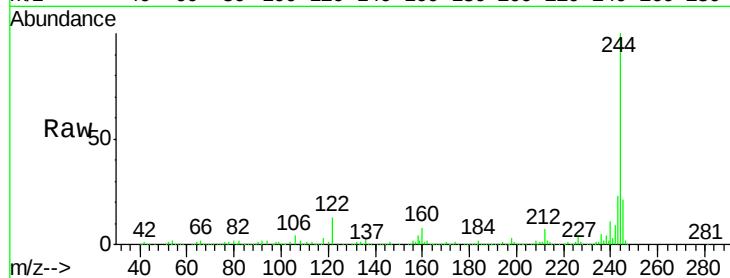
Tgt Ion:244 Resp: 788390

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

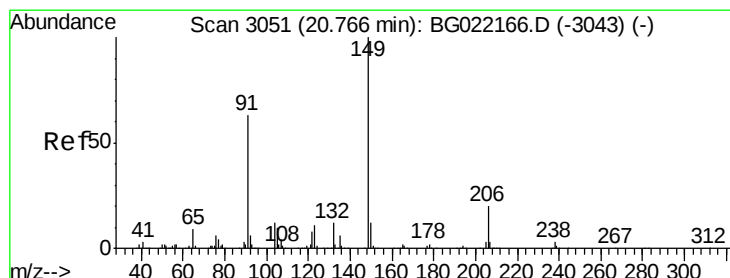
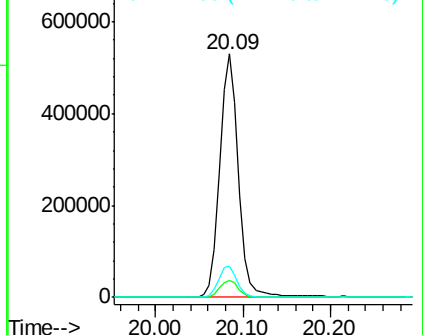
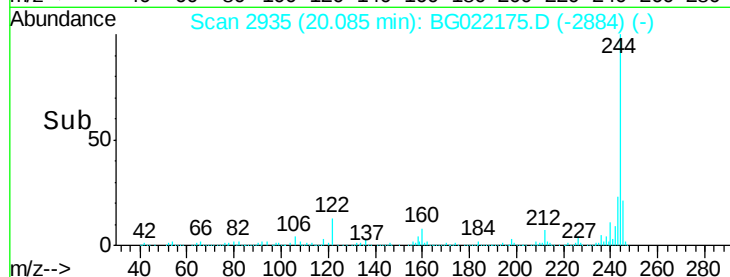
122 12.8 8.6 12.8



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



#79

Butylbenzylphthalate

Concen: 0.04 ng

RT: 20.76 min Scan# 3050

Delta R.T. -0.01 min

Lab File: BG022175.D

Acq: 6 Jun 2016 19:04

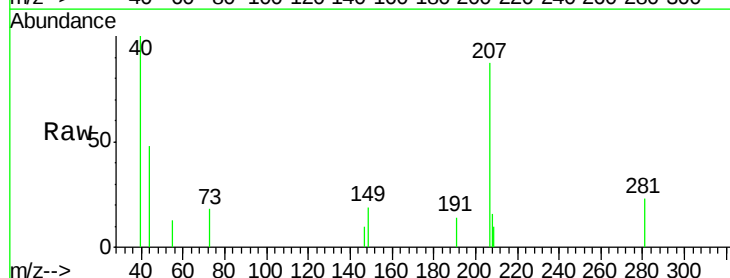
Tgt Ion:149 Resp: 237

Ion Ratio Lower Upper

149 100

91 0.0 57.8 86.8#

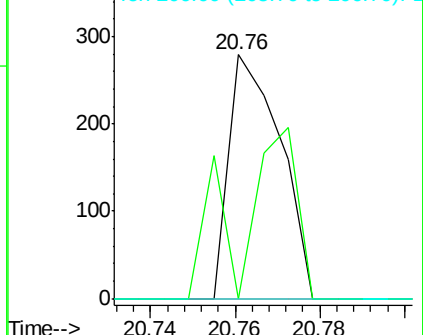
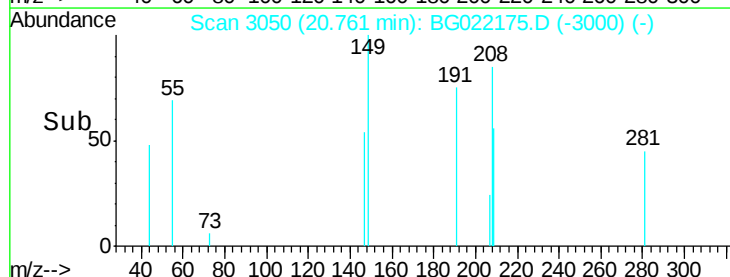
206 0.0 17.0 25.4#

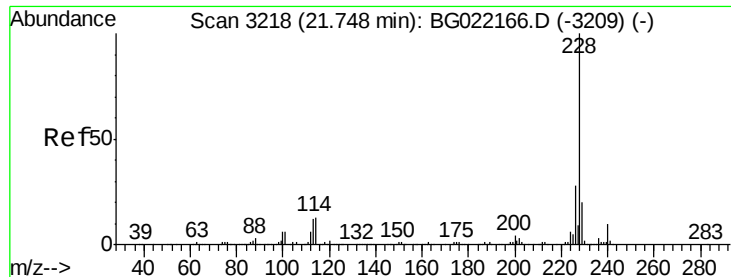


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.11 ng

RT: 21.76 min Scan# 3220

Delta R.T. 0.01 min

Lab File: BG022175.D

Acq: 6 Jun 2016 19:04

Instrument :

BNA_G

ClientSampleId :

SB-13

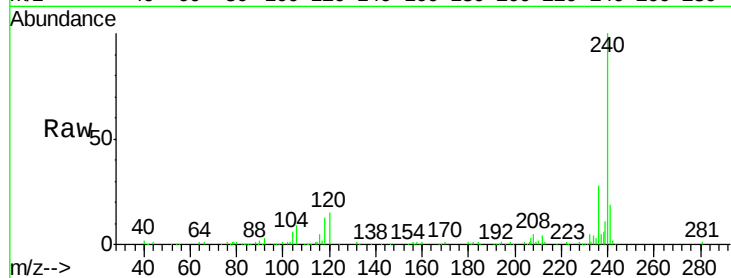
Tgt Ion:228 Resp: 1224

Ion Ratio Lower Upper

228 100

226 0.0 22.6 34.0#

229 30.9 16.1 24.1#

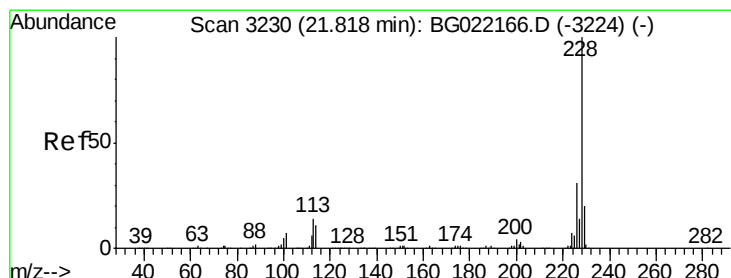
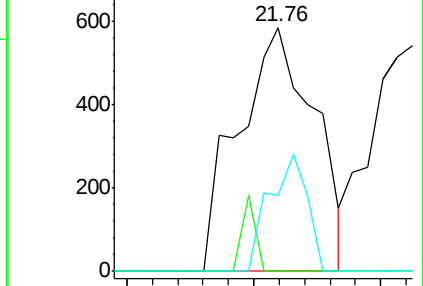
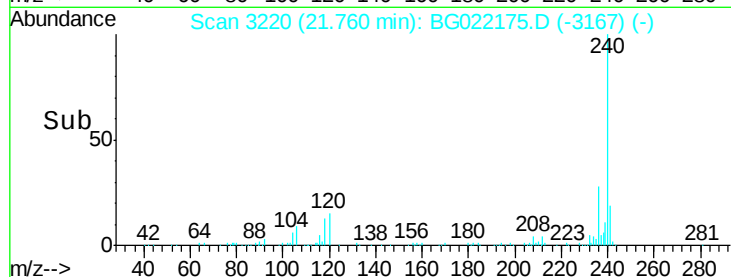


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time--> 21.70 21.75 21.80



#82

Chrysene

Concen: 0.12 ng

RT: 21.82 min Scan# 3230

Delta R.T. 0.00 min

Lab File: BG022175.D

Acq: 6 Jun 2016 19:04

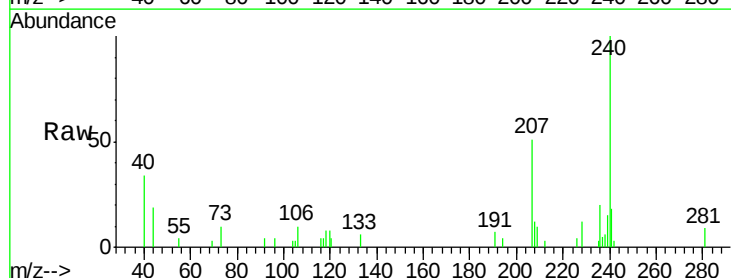
Tgt Ion:228 Resp: 1230

Ion Ratio Lower Upper

228 100

226 31.3 25.4 38.0

229 0.0 15.9 23.9#

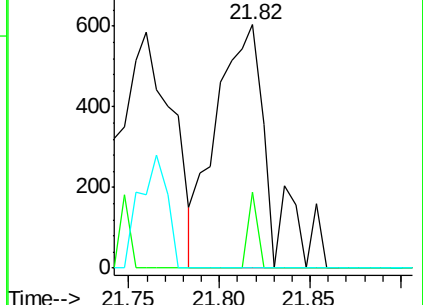
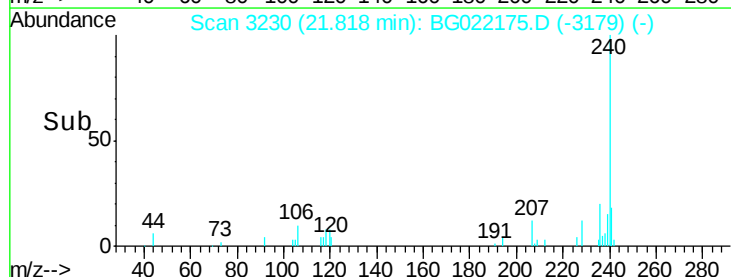


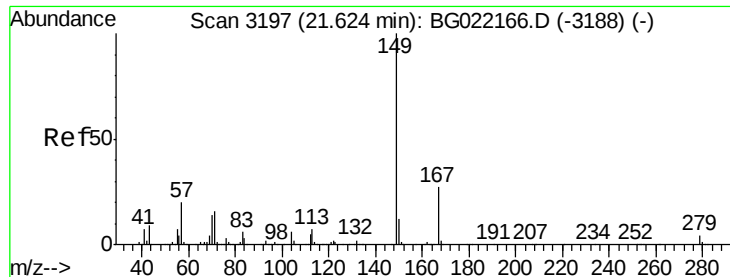
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time--> 21.75 21.80 21.85





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.10 ng

RT: 21.62 min Scan# 3197

Delta R.T. 0.00 min

Lab File: BG022175.D

Acq: 6 Jun 2016 19:04

Instrument :

BNA_G

ClientSampleId :

SB-13

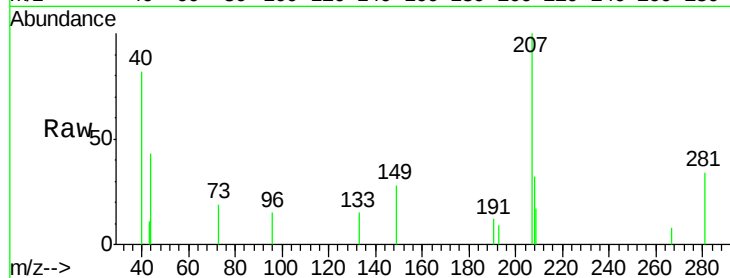
Tgt Ion:149 Resp: 820

Ion Ratio Lower Upper

149 100

167 0.0 22.4 33.6#

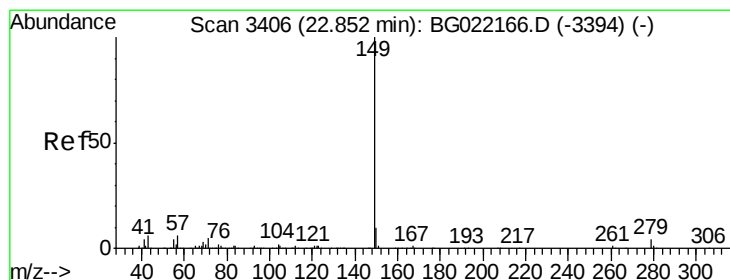
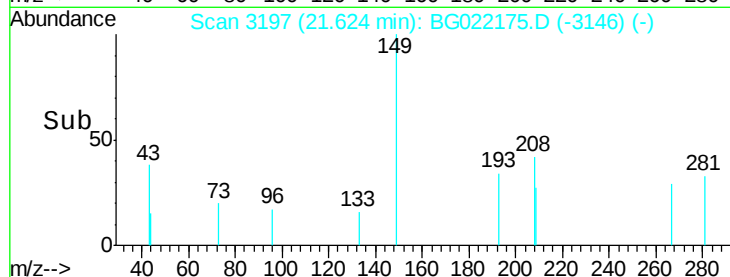
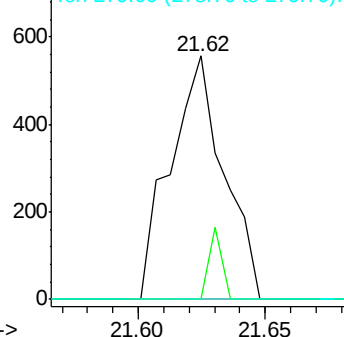
279 0.0 3.2 4.8#



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: 0.02 ng

RT: 22.85 min Scan# 3405

Delta R.T. -0.01 min

Lab File: BG022175.D

Acq: 6 Jun 2016 19:04

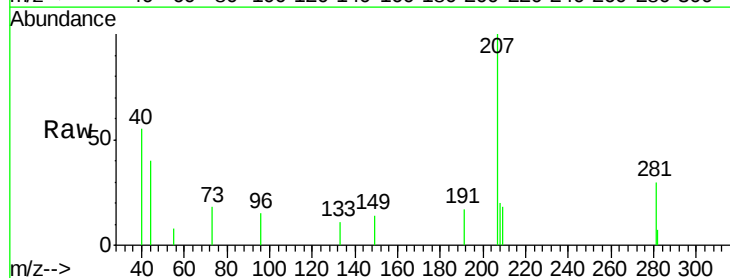
Tgt Ion:149 Resp: 303

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

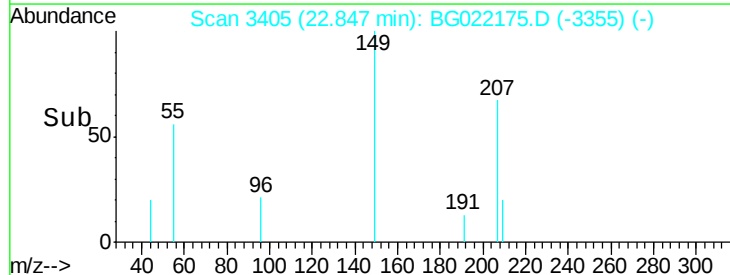
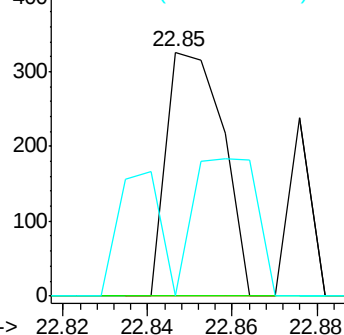
43 37.6 9.8 14.6#

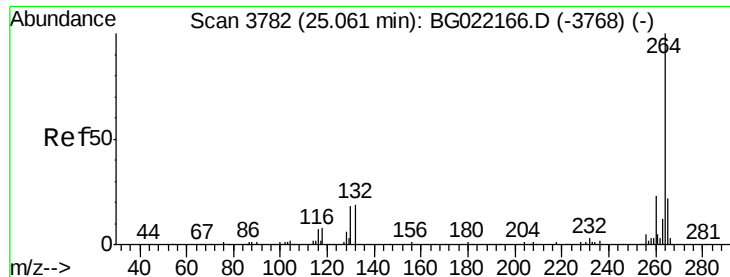


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

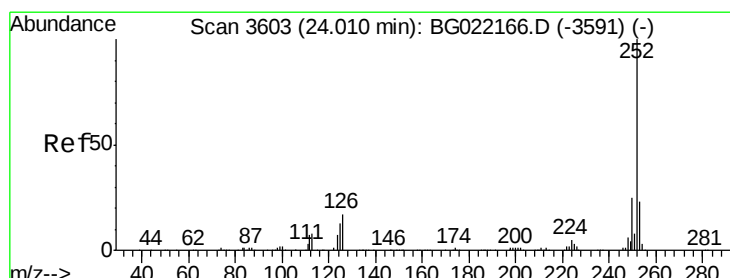
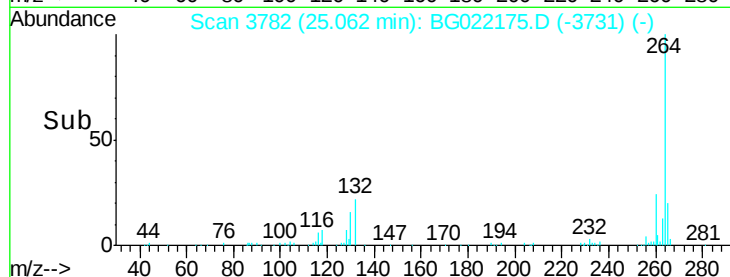
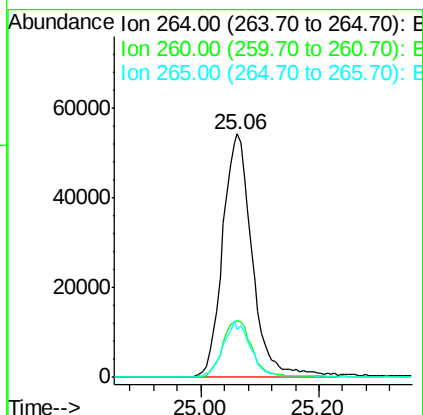
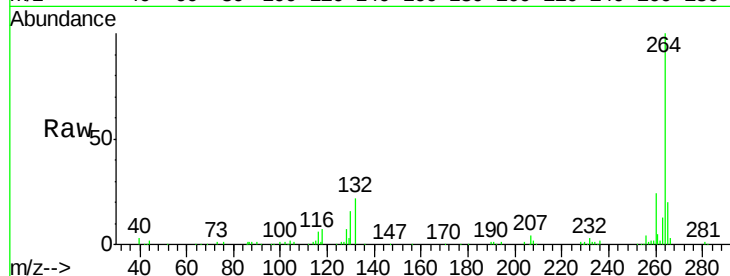




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3782
Delta R.T. 0.00 min
Lab File: BG022175.D
Acq: 6 Jun 2016 19:04

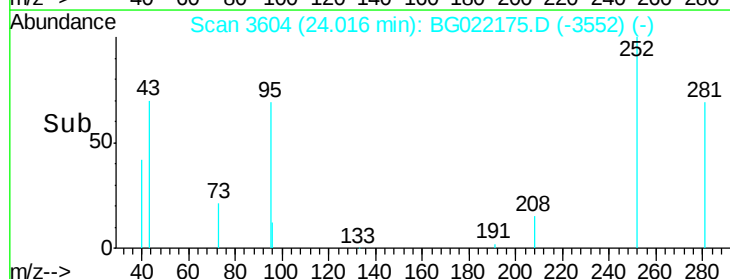
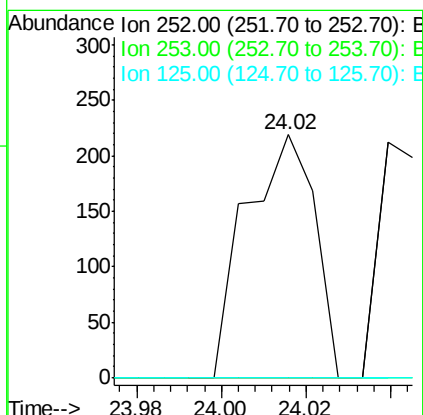
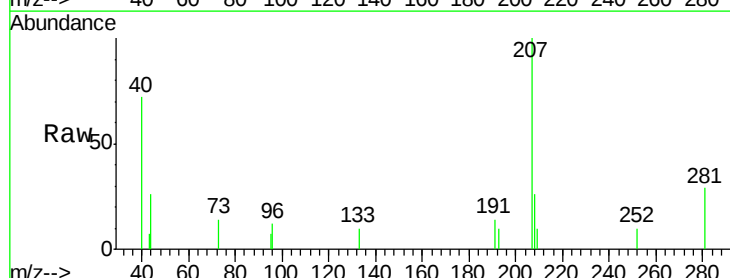
Instrument :
BNA_G
ClientSampleId :
SB-13

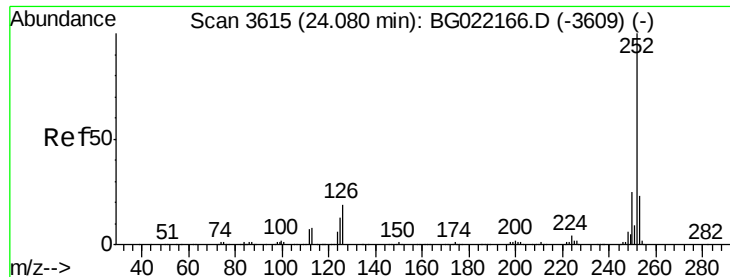
Tgt Ion:264 Resp: 189511
Ion Ratio Lower Upper
264 100
260 23.5 20.2 30.4
265 19.6 17.8 26.8



#87
Benzo(b)fluoranthene
Concen: 0.02 ng
RT: 24.02 min Scan# 3604
Delta R.T. 0.01 min
Lab File: BG022175.D
Acq: 6 Jun 2016 19:04

Tgt Ion:252 Resp: 248
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: 0.03 ng

RT: 24.08 min Scan# 3615

Delta R.T. 0.00 min

Lab File: BG022175.D

Acq: 6 Jun 2016 19:04

Instrument :

BNA_G

ClientSampleId :

SB-13

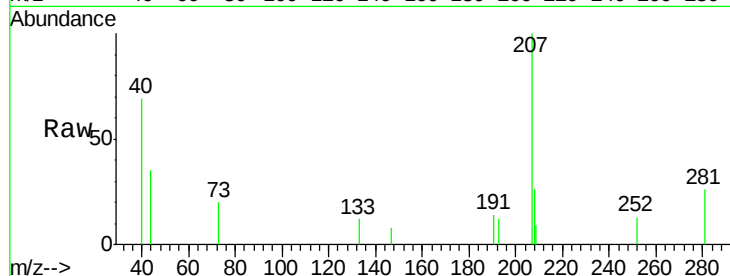
Tgt Ion:252 Resp: 378

Ion Ratio Lower Upper

252 100

253 0.0 17.8 26.8#

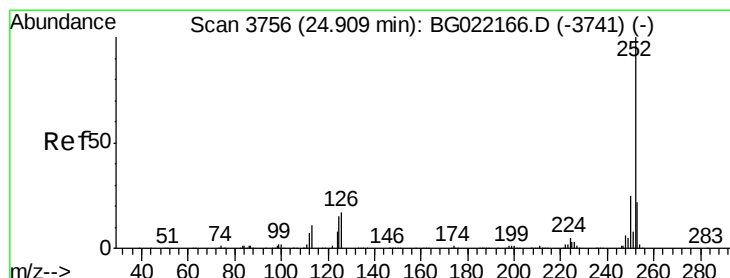
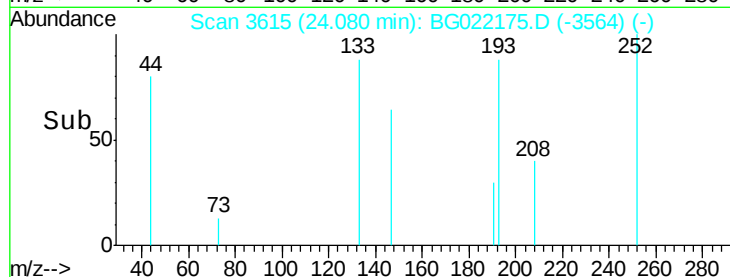
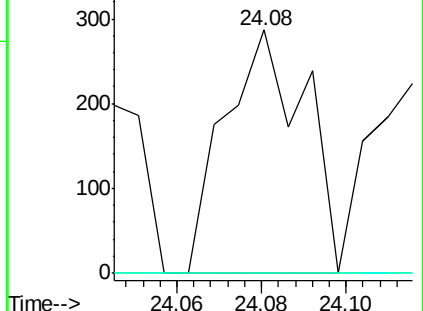
125 0.0 8.3 12.5#



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: BG022175.D

Acq: 6 Jun 2016 19:04

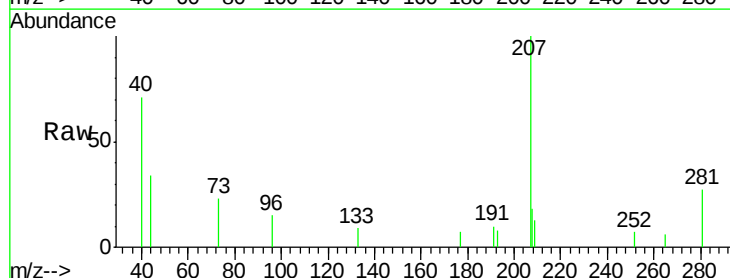
Tgt Ion:252 Resp: 117

Ion Ratio Lower Upper

252 100

253 0.0 17.1 25.7#

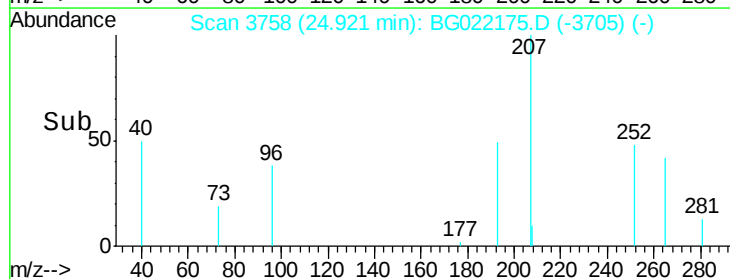
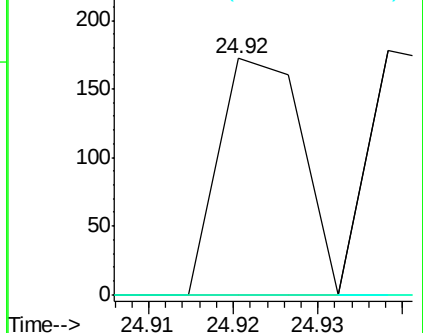
125 0.0 9.6 14.4#

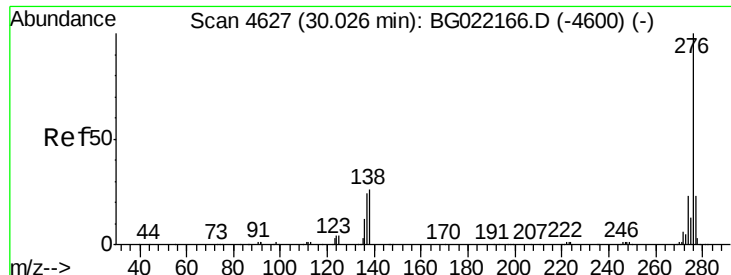


Abundance Ion 252.00 (251.70 to 252.70): E

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# 4627

Delta R.T. 0.00 min

Lab File: BG022175.D

Acq: 6 Jun 2016 19:04

Instrument :

BNA_G

ClientSampleId :

SB-13

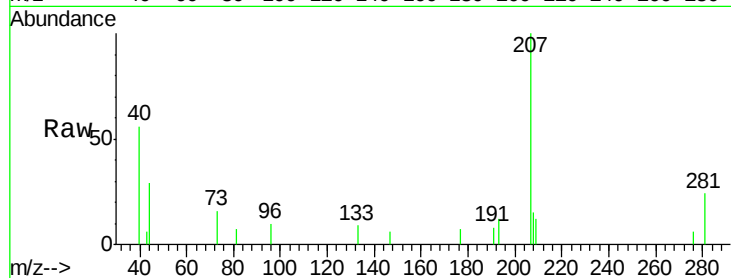
Tgt Ion: 276 Resp: 55

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

