

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060616\
 Data File : BG022173.D
 Acq On : 6 Jun 2016 17:43
 Operator : UM/SJ
 Sample : PB91111BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91111BL

Quant Time: Jun 07 03:18:42 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	26669	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	114046	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	74275	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	181907	20.00	ng	0.00
75) Chrysene-d12	21.77	240	192310	20.00	ng	0.00
86) Perylene-d12	25.06	264	181264	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	174958	126.84	ng	0.00
7) Phenol-d6	7.28	99	242274	111.71	ng	0.00
23) Nitrobenzene-d5	9.29	82	117041	71.55	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	94359	112.43	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	352392	72.30	ng	0.00
78) Terphenyl-d14	20.08	244	644933	79.62	ng	0.00

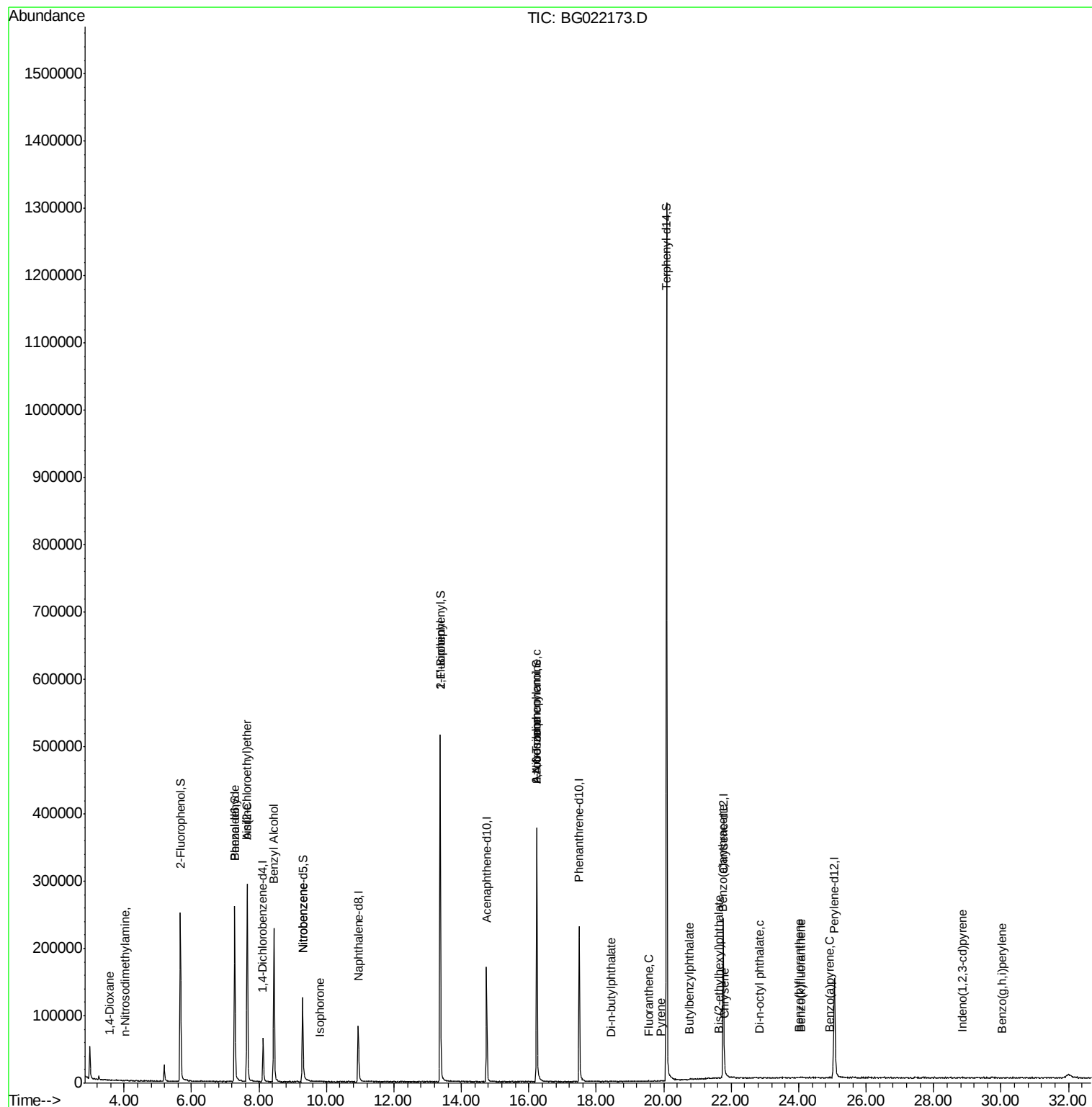
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	57	0.09	ng	# 1
4) n-Nitrosodimethylamine	4.02	42	72	0.18	ng	# 1
6) Aniline	7.64	93	61	0.02	ng	# 1
9) Benzaldehyde	7.27	77	74	0.06	ng	# 7
11) bis(2-Chloroethyl)ether	7.64	93	61	0.03	ng	# 1
15) Benzyl Alcohol	8.44	79	1777	1.27	ng	# 63
24) Nitrobenzene	9.29	77	109	0.07	ng	# 43
25) Isophorone	9.81	82	75	0.02	ng	# 67
45) 1,1'-Biphenyl	13.37	154	529	0.09	ng	# 1
62) Azobenzene	16.23	77	177	0.04	ng	# 32
65) n-Nitrosodiphenylamine	16.24	169	3197	0.61	ng	# 40
73) Di-n-butylphthalate	18.44	149	400	0.03	ng	# 78
74) Fluoranthene	19.56	202	781	0.07	ng	# 64
77) Pyrene	19.91	202	1081	0.09	ng	# 55
79) Butylbenzylphthalate	20.77	149	501	0.09	ng	# 80
80) Benzo(a)anthracene	21.75	228	1690	0.16	ng	# 76
82) Chrysene	21.81	228	1925	0.18	ng	# 76
83) Bis(2-ethylhexyl)phthalate	21.63	149	709	0.09	ng	# 52
84) Di-n-octyl phthalate	22.85	149	464	0.03	ng	# 72
85) Indeno(1,2,3-cd)pyrene	28.86	276	61	0.01	ng	# 54
87) Benzo(b)fluoranthene	24.02	252	328	0.03	ng	# 60
88) Benzo(k)fluoranthene	24.08	252	87	0.01	ng	# 59
89) Benzo(a)pyrene	24.91	252	55	0.01	ng	# 60
91) Benzo(g,h,i)perylene	30.02	276	81	0.01	ng	# 53

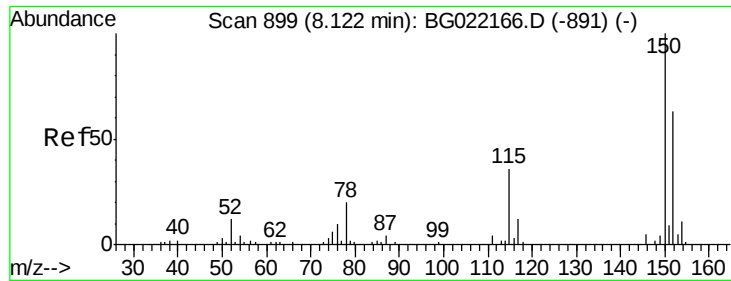
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG022173.D

Acq: 6 Jun 2016 17:43

Instrument :

BNA_G

ClientSampleId :

PB91111BL

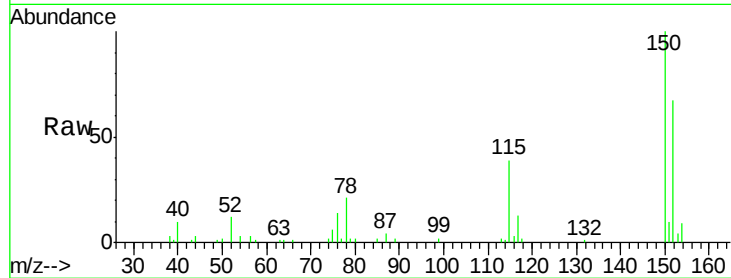
Tgt Ion:152 Resp: 26669

Ion Ratio Lower Upper

152 100

150 148.4 130.1 195.1

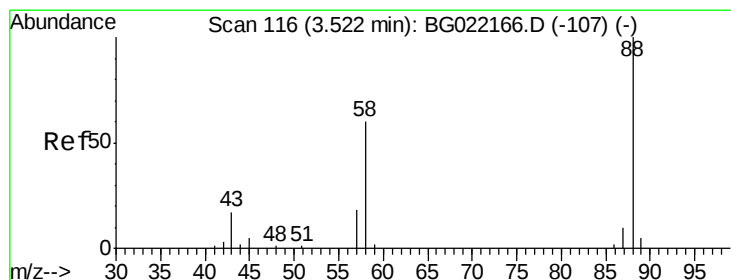
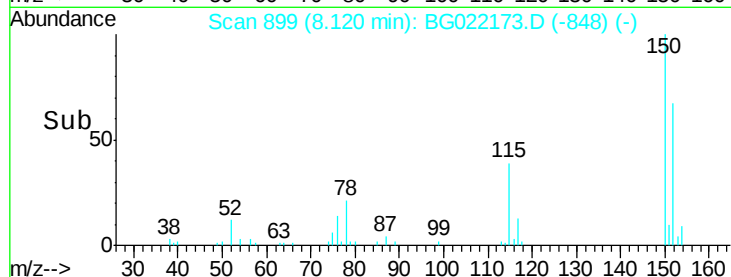
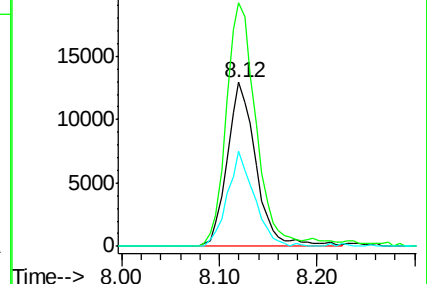
115 57.9 62.2 93.2#



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: 3.56 min Scan# 123

Delta R.T. 0.04 min

Lab File: BG022173.D

Acq: 6 Jun 2016 17:43

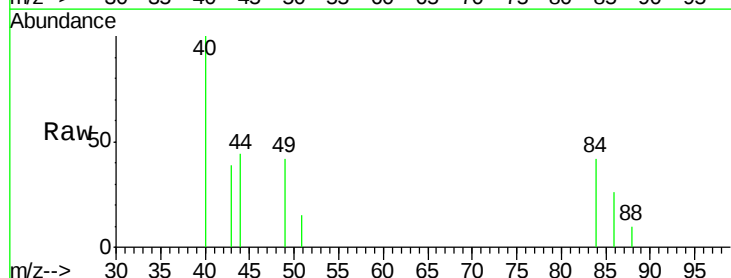
Tgt Ion: 88 Resp: 57

Ion Ratio Lower Upper

88 100

58 324.6 36.8 55.2#

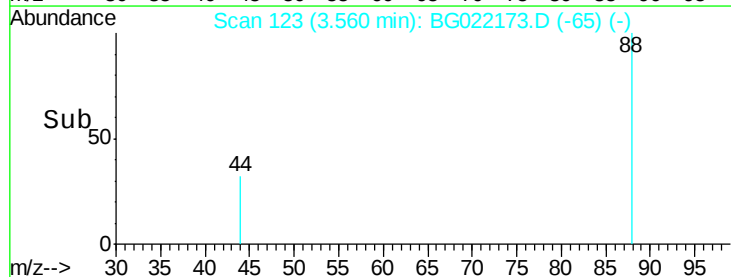
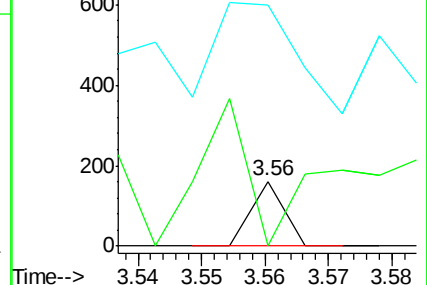
43 407.0 10.4 15.6#

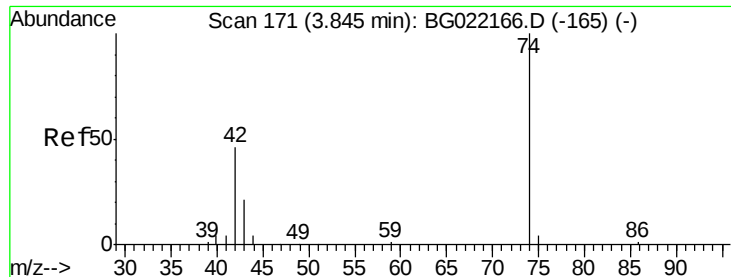


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#4

n-Nitrosodimethylamine

Concen: 0.18 ng

RT: 4.02 min Scan# 202

Delta R.T. 0.18 min

Lab File: BG022173.D

Acq: 6 Jun 2016 17:43

Instrument :

BNA_G

ClientSampleId :

PB91111BL

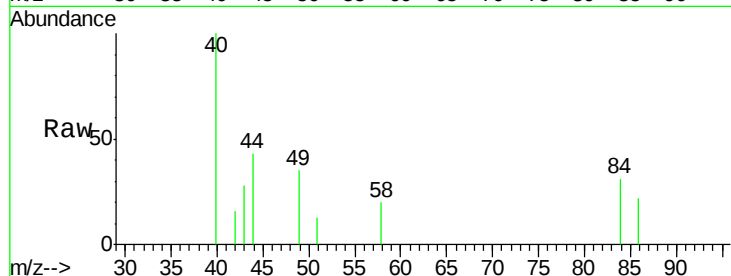
Tgt Ion: 42 Resp: 72

Ion Ratio Lower Upper

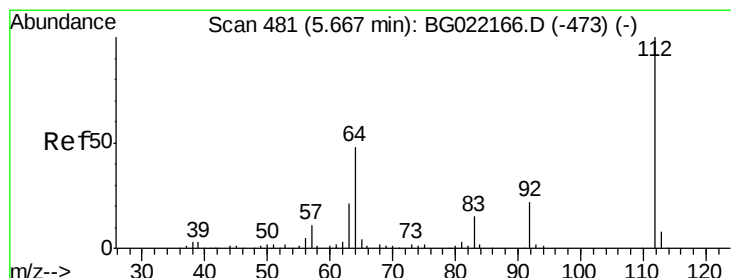
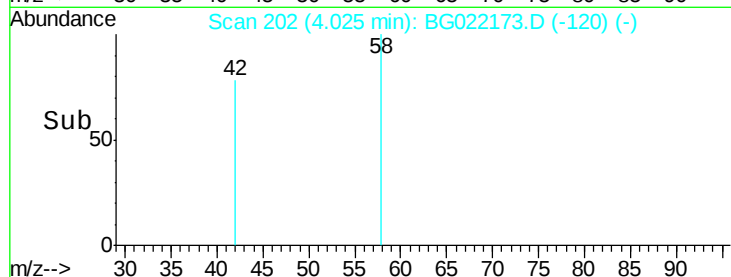
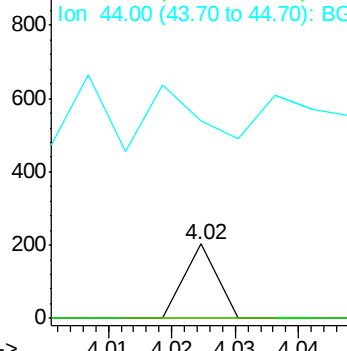
42 100

74 0.0 184.0 276.0#

44 266.5 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: 126.84 ng

RT: 5.67 min Scan# 482

Delta R.T. 0.00 min

Lab File: BG022173.D

Acq: 6 Jun 2016 17:43

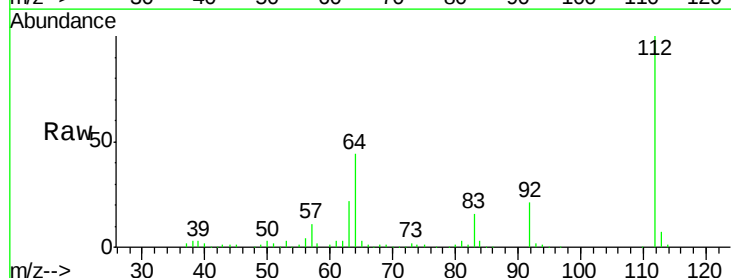
Tgt Ion: 112 Resp: 174958

Ion Ratio Lower Upper

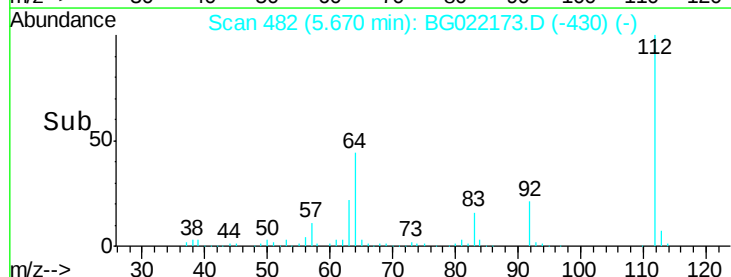
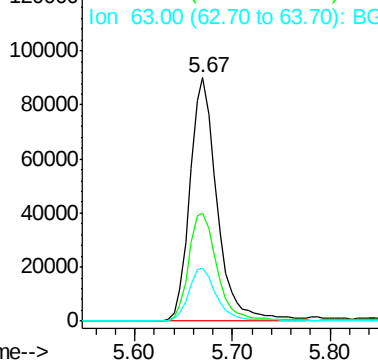
112 100

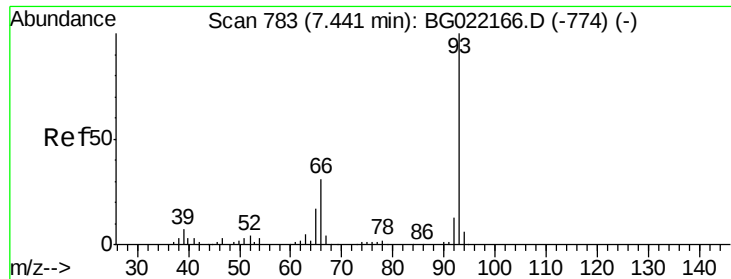
64 44.1 51.1 76.7#

63 21.5 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: 0.02 ng

RT: 7.64 min Scan# 818

Delta R.T. 0.20 min

Lab File: BG022173.D

Acq: 6 Jun 2016 17:43

Instrument :

BNA_G

ClientSampleId :

PB91111BL

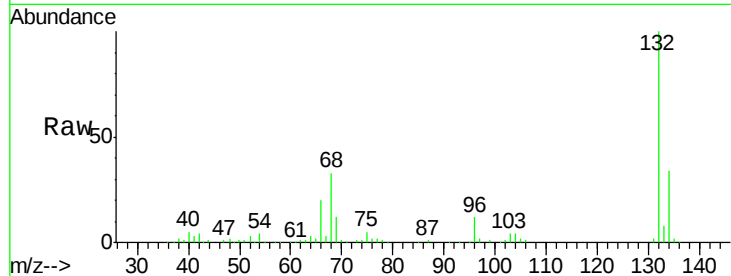
Tgt Ion: 93 Resp: 61

Ion Ratio Lower Upper

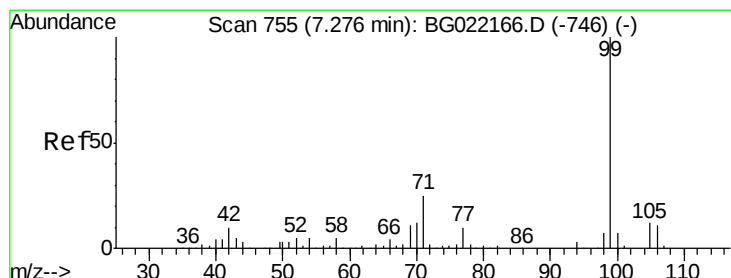
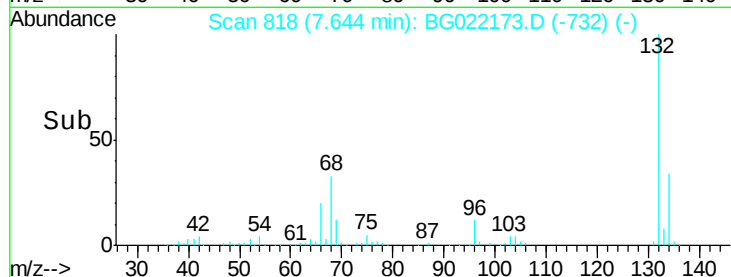
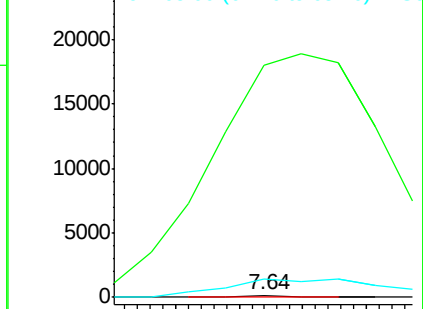
93 100

66 10423.1 36.3 54.5#

65 812.7 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: 111.71 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG022173.D

Acq: 6 Jun 2016 17:43

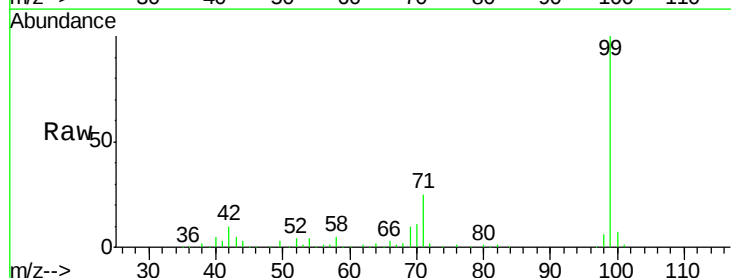
Tgt Ion: 99 Resp: 242274

Ion Ratio Lower Upper

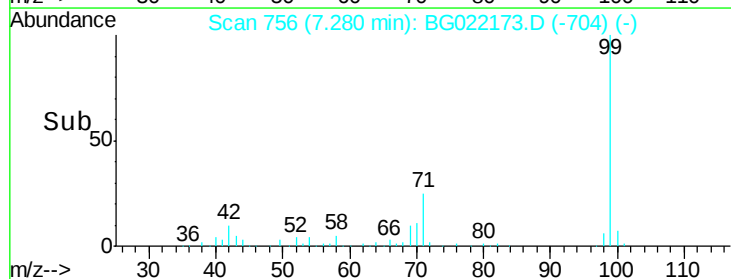
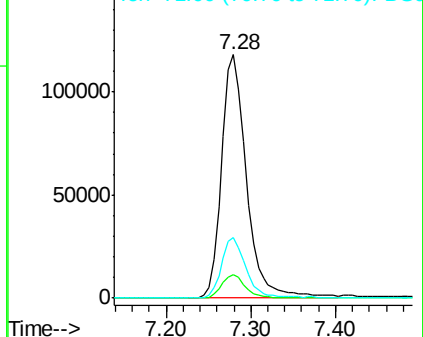
99 100

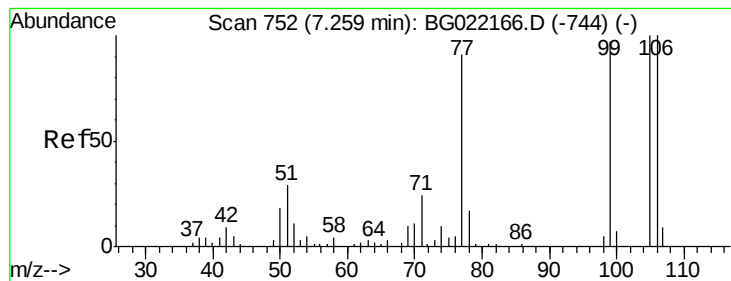
42 9.7 16.4 24.6#

71 24.8 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: 0.06 ng

RT: 7.27 min Scan# 755

Delta R.T. 0.01 min

Lab File: BG022173.D

Acq: 6 Jun 2016 17:43

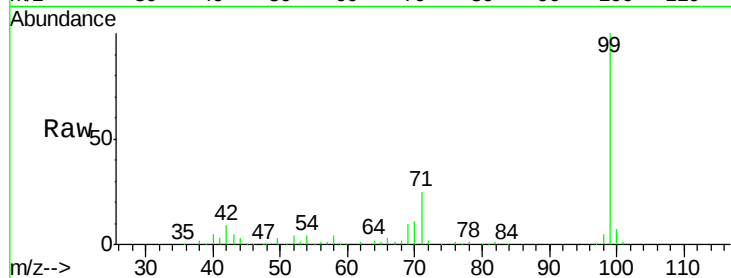
Instrument :

BNA_G

ClientSampled :

PB91111BL

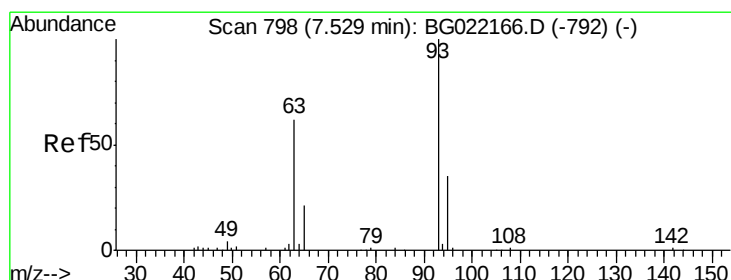
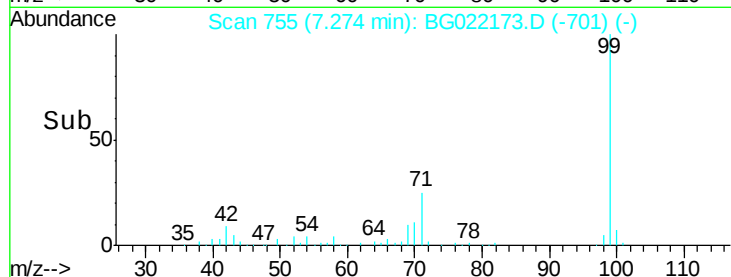
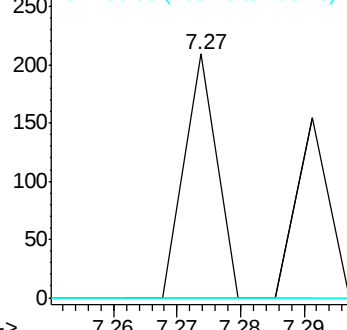
Tgt Ion:	77	Resp:	74
Ion	Ratio	Lower	Upper
77	100		
105	0.0	62.1	102.1#
106	0.0	65.6	105.6#



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



#11

bis(2-Chloroethyl)ether

Concen: 0.03 ng

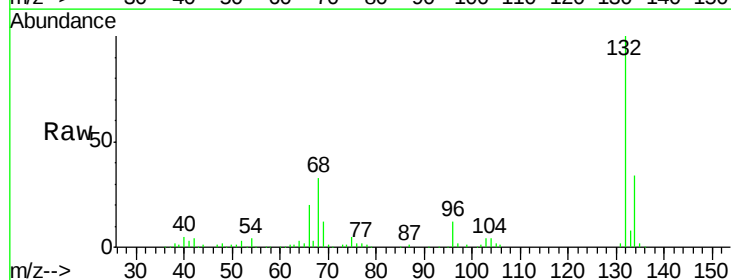
RT: 7.64 min Scan# 818

Delta R.T. 0.11 min

Lab File: BG022173.D

Acq: 6 Jun 2016 17:43

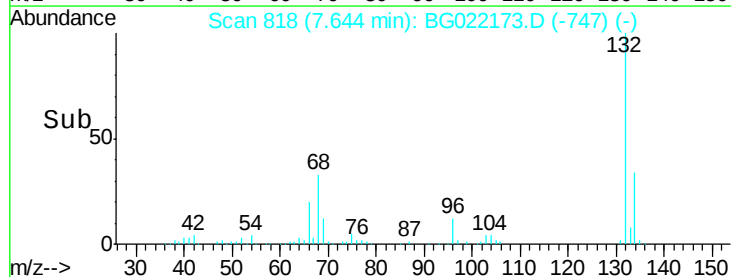
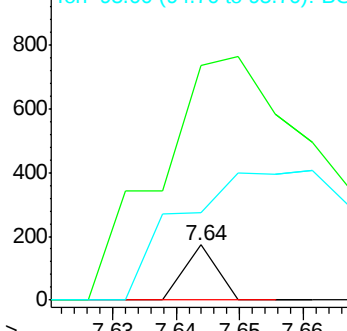
Tgt Ion:	93	Resp:	61
Ion	Ratio	Lower	Upper
93	100		
63	426.6	74.9	114.9#
95	159.5	8.3	48.3#

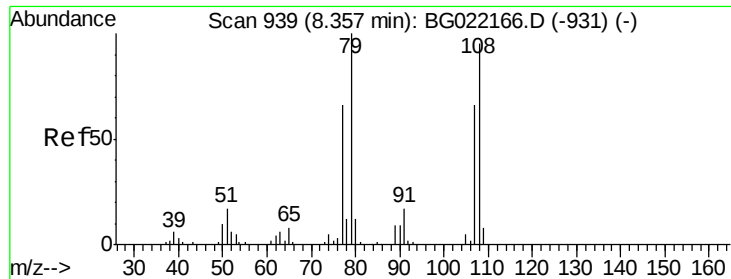


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC





#15

Benzyl Alcohol

Concen: 1.27 ng

RT: 8.44 min Scan# 954

Delta R.T. 0.09 min

Lab File: BG022173.D

Acq: 6 Jun 2016 17:43

Instrument :

BNA_G

ClientSampleId :

PB91111BL

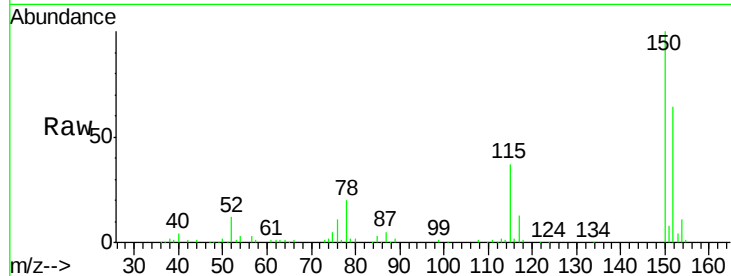
Tgt Ion: 79 Resp: 1777

Ion Ratio Lower Upper

79 100

108 42.0 59.4 89.0#

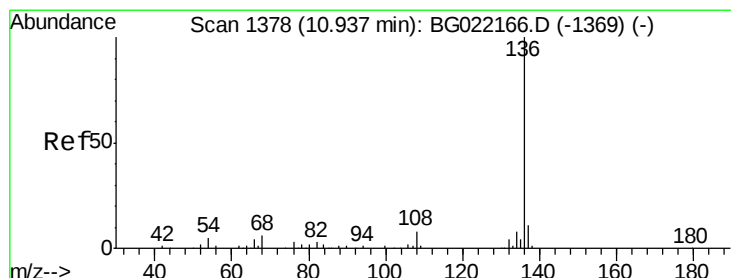
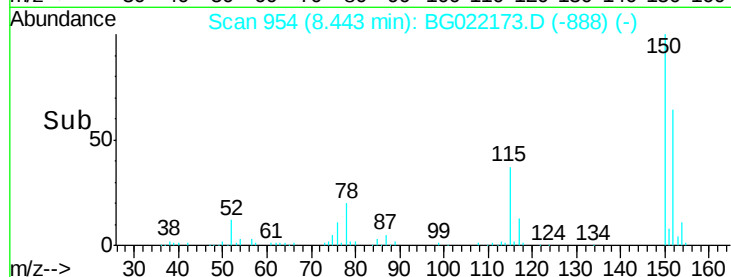
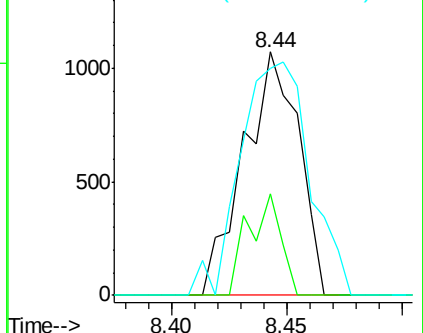
77 93.4 52.2 78.2#



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: BG022173.D

Acq: 6 Jun 2016 17:43

Tgt Ion: 136 Resp: 114046

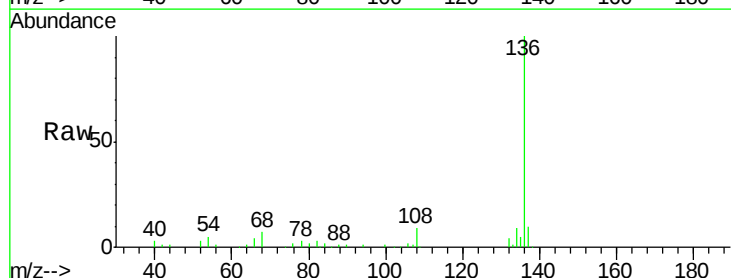
Ion Ratio Lower Upper

136 100

137 10.0 9.0 13.4

54 4.8 9.6 14.4#

68 6.6 6.4 9.6

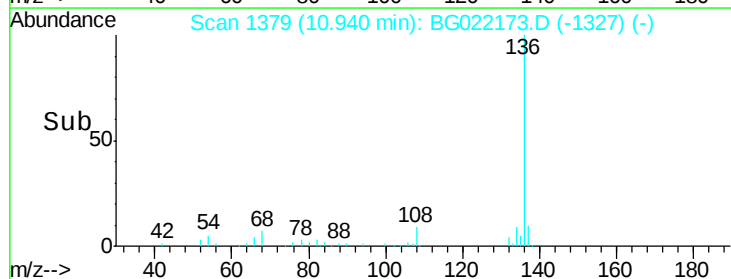
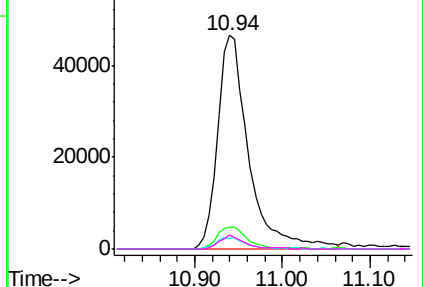


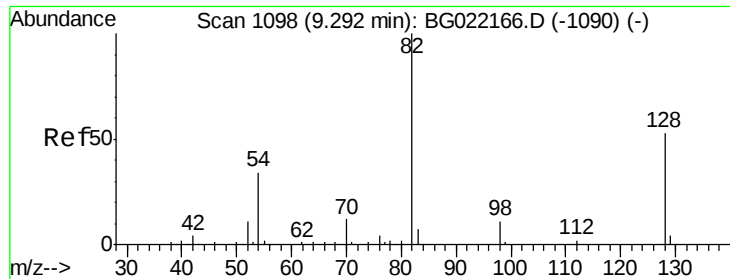
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

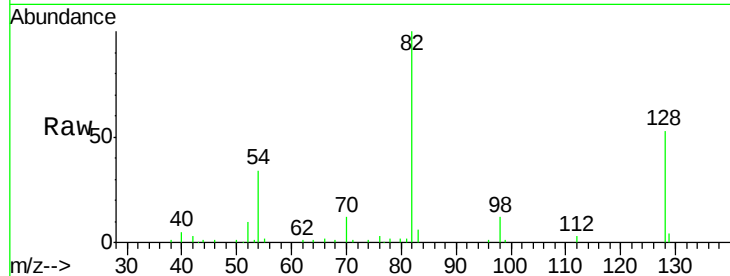




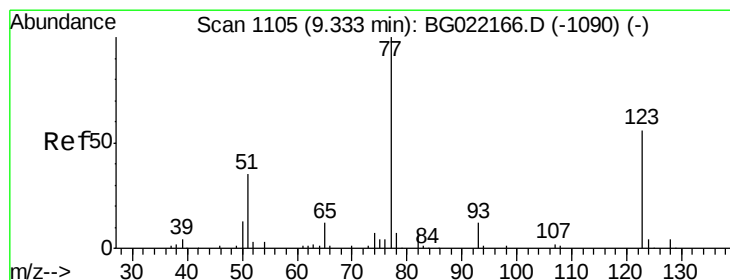
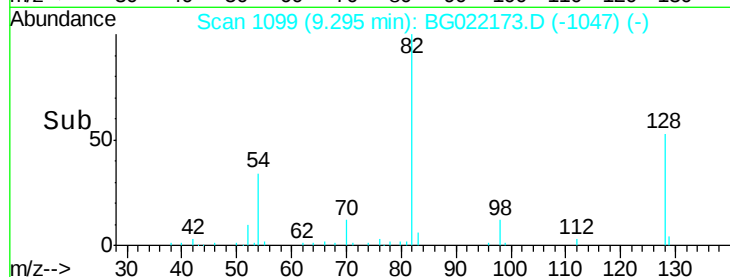
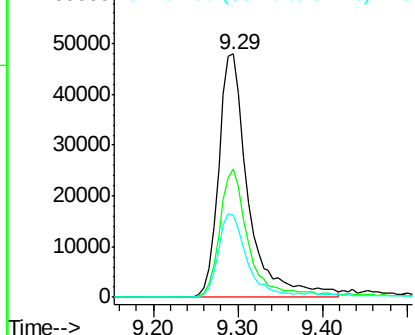
#23
 Nitrobenzene-d5
 Concen: 71.55 ng
 RT: 9.29 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BG022173.D
 Acq: 6 Jun 2016 17:43

Instrument :
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 ClientSampleId :
 PB91111BL

Tgt Ion: 82 Resp: 117041
 Ion Ratio Lower Upper
 82 100
 128 52.9 33.4 50.0#
 54 33.8 46.1 69.1#

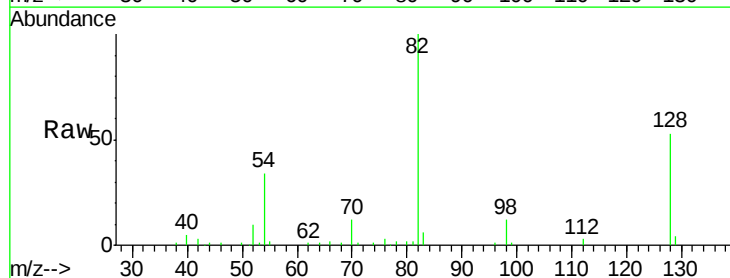


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

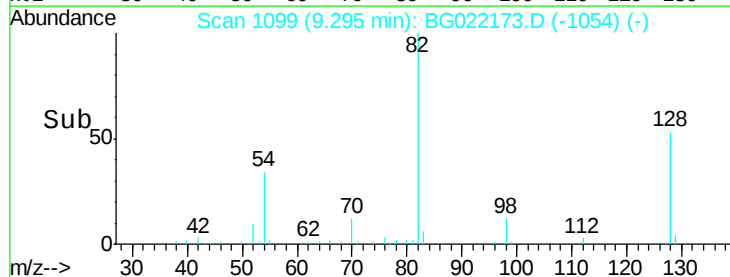
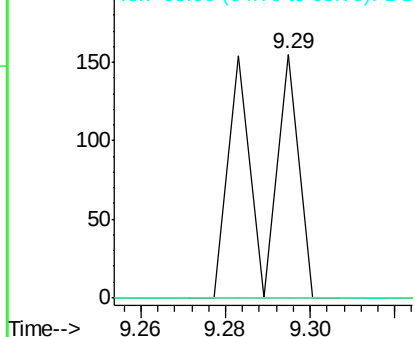


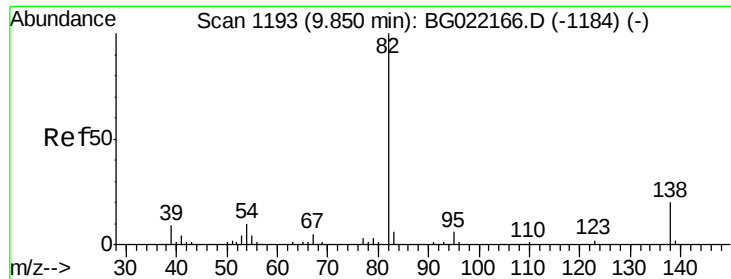
#24
 Nitrobenzene
 Concen: 0.07 ng
 RT: 9.29 min Scan# 1099
 Delta R.T. -0.04 min
 Lab File: BG022173.D
 Acq: 6 Jun 2016 17:43

Tgt Ion: 77 Resp: 109
 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: 9.81 min Scan# 1187

Delta R.T. -0.04 min

Lab File: BG022173.D

Acq: 6 Jun 2016 17:43

Instrument :

BNA_G

ClientSampleId :

PB91111BL

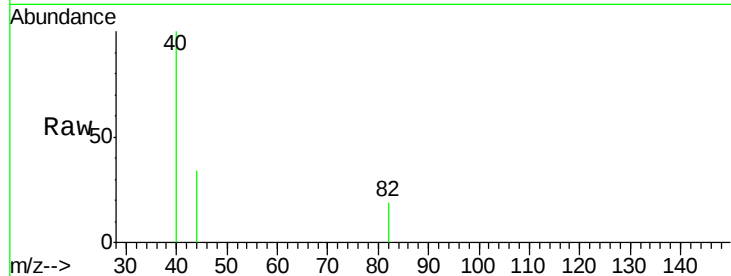
Tgt Ion: 82 Resp: 75

Ion Ratio Lower Upper

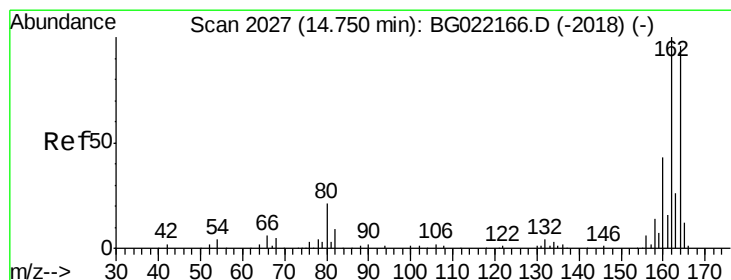
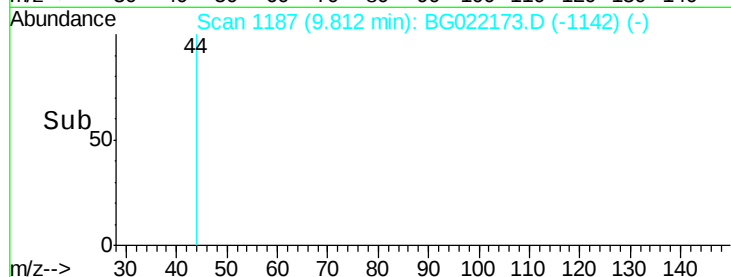
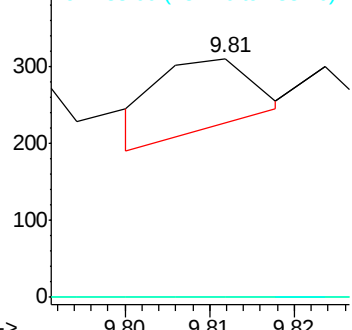
82 100

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: BG022173.D

Acq: 6 Jun 2016 17:43

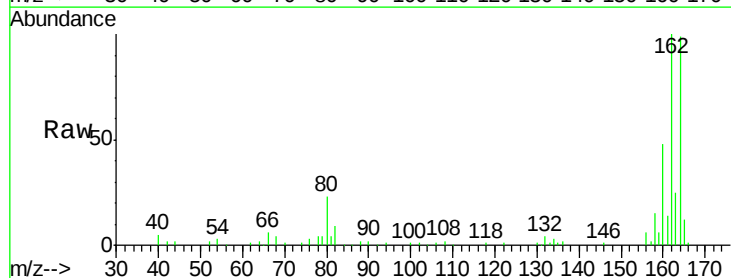
Tgt Ion: 164 Resp: 74275

Ion Ratio Lower Upper

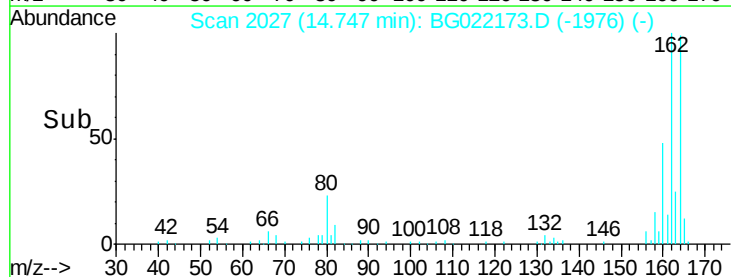
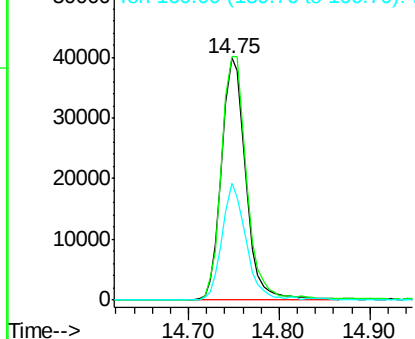
164 100

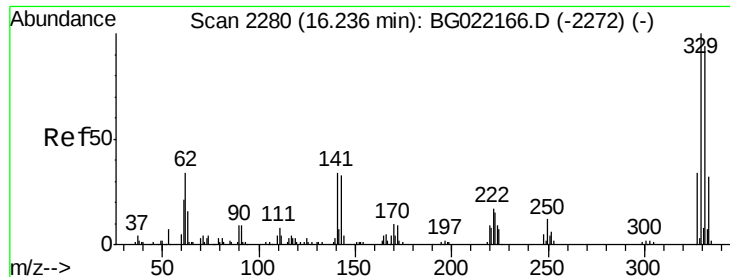
162 100.6 78.0 117.0

160 48.4 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

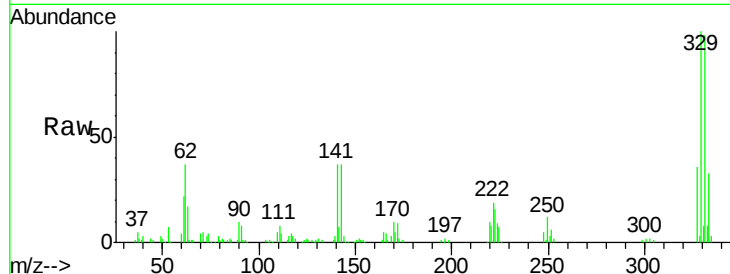




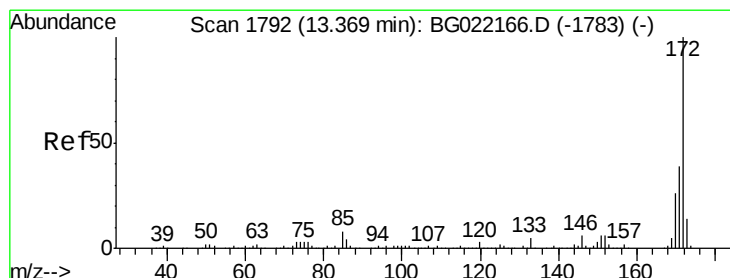
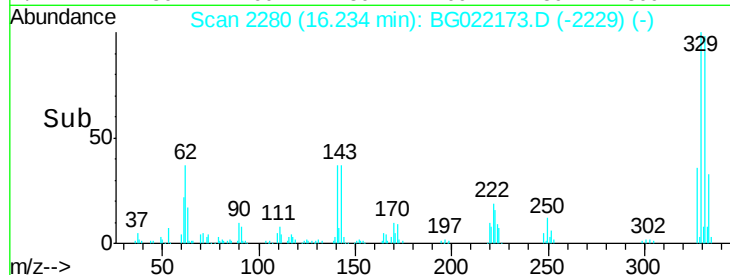
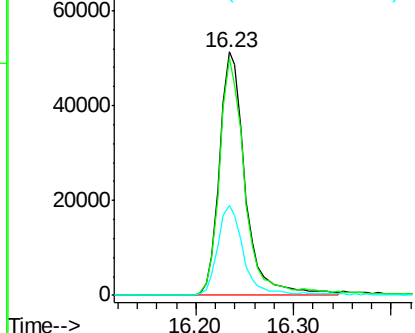
#41
 2,4,6-Tribromophenol
 Concen: 112.43 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BG022173.D
 Acq: 6 Jun 2016 17:43

Instrument :
 BNA_G
 ClientSampleId :
 PB91111BL

Tgt Ion:330 Resp: 94359
 Ion Ratio Lower Upper
 330 100
 332 95.4 78.0 117.0
 141 36.1 33.8 50.8

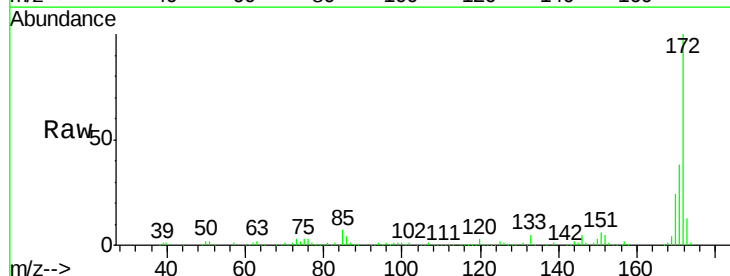


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

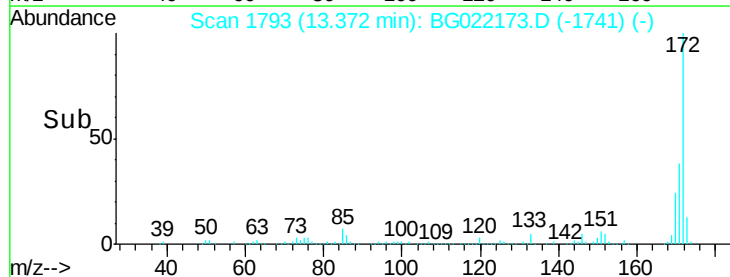
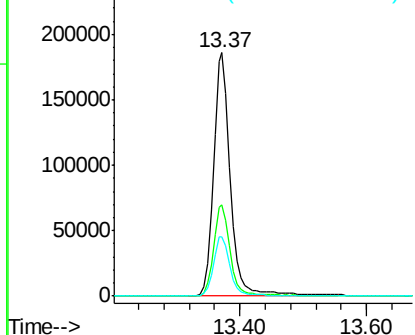


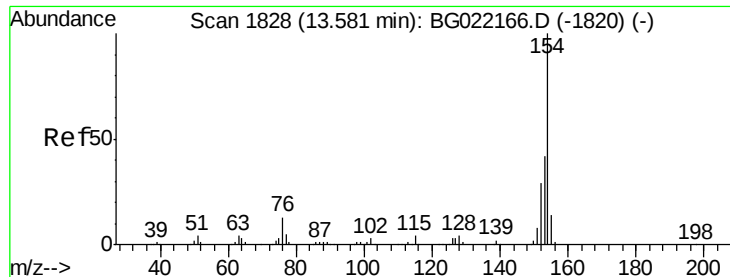
#44
 2-Fluorobiphenyl
 Concen: 72.30 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BG022173.D
 Acq: 6 Jun 2016 17:43

Tgt Ion:172 Resp: 352392
 Ion Ratio Lower Upper
 172 100
 171 37.6 27.8 41.6
 170 24.4 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

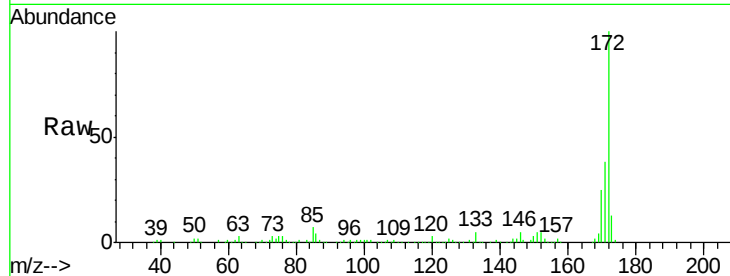




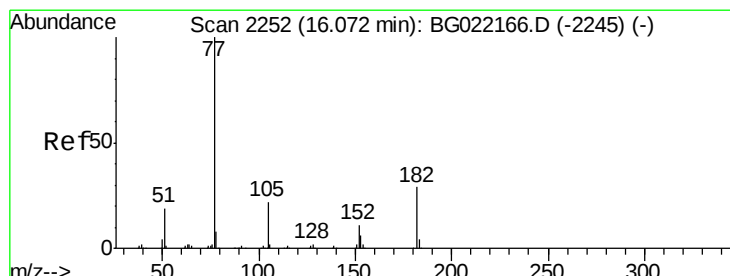
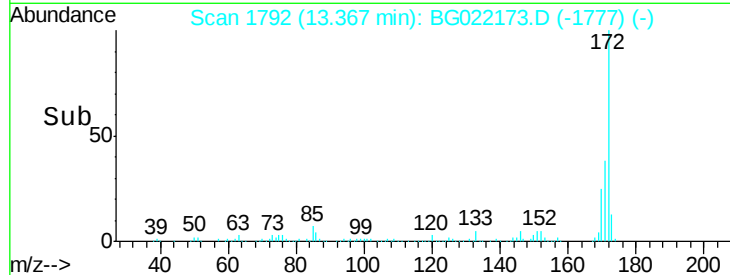
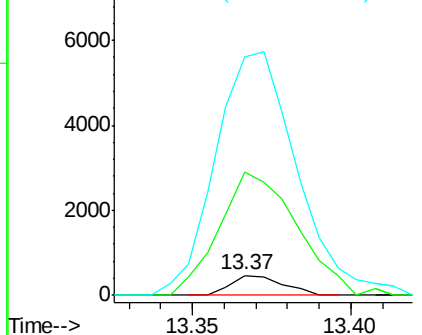
#45
1,1'-Biphenyl
Concen: 0.09 ng
RT: 13.37 min Scan# 1792
Delta R.T. -0.21 min
Lab File: BG022173.D
Acq: 6 Jun 2016 17:43

Instrument :
BNA_G
ClientSampleId :
PB91111BL

Tgt Ion:154 Resp: 529
Ion Ratio Lower Upper
154 100
153 627.6 19.7 59.7#
76 1211.0 0.0 33.0#

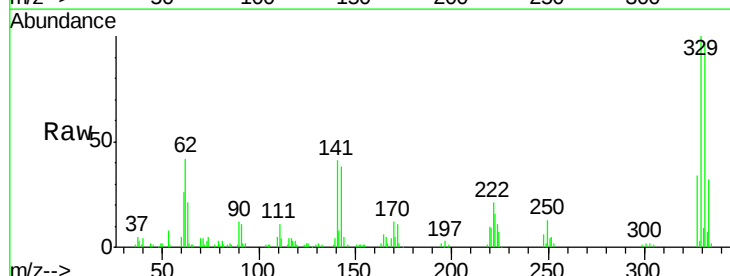


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC

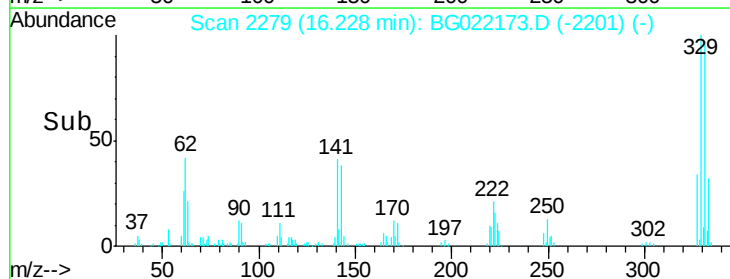
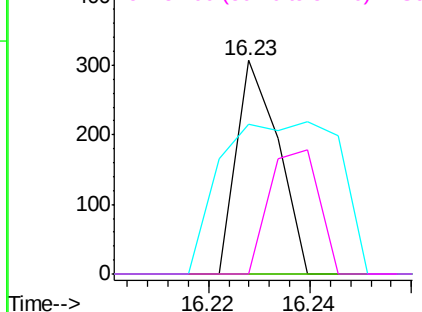


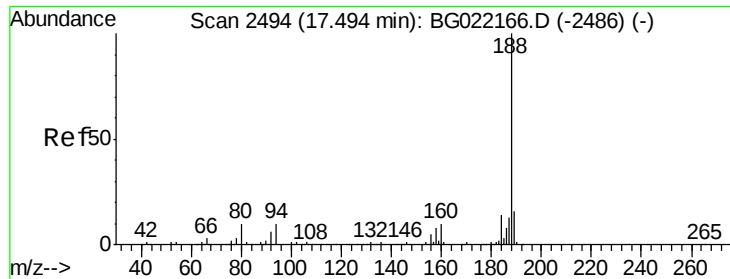
#62
Azobenzene
Concen: 0.04 ng
RT: 16.23 min Scan# 2279
Delta R.T. 0.16 min
Lab File: BG022173.D
Acq: 6 Jun 2016 17:43

Tgt Ion: 77 Resp: 177
Ion Ratio Lower Upper
77 100
182 0.0 4.1 44.1#
105 70.4 0.0 39.8#
51 0.0 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

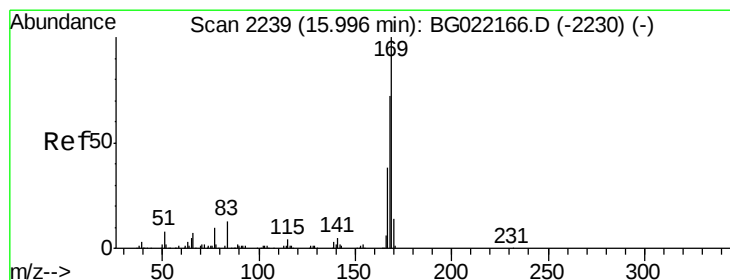
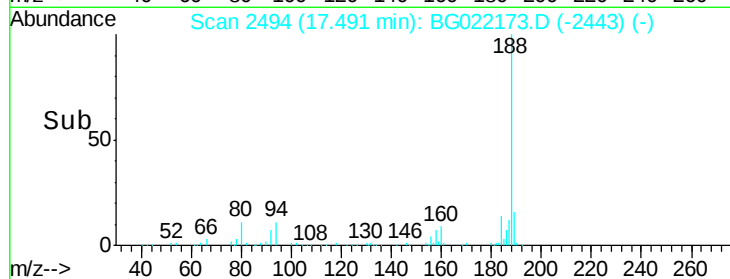
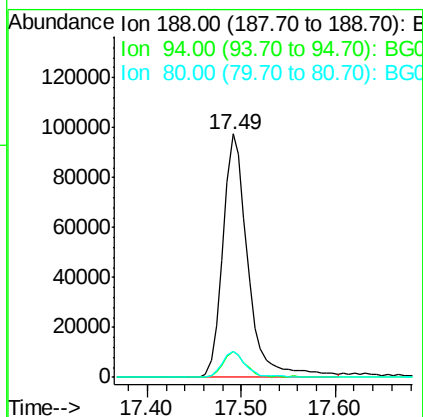
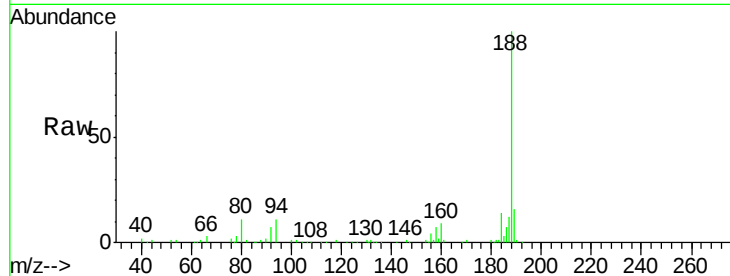




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.00 min
Lab File: BG022173.D
Acq: 6 Jun 2016 17:43

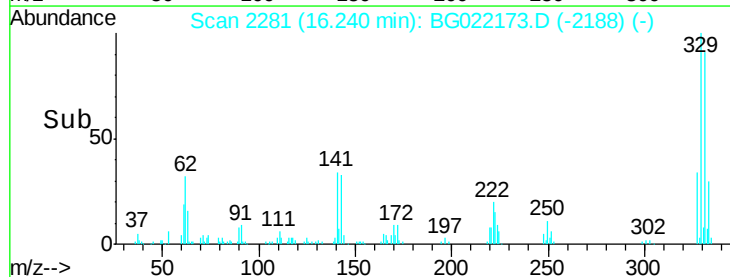
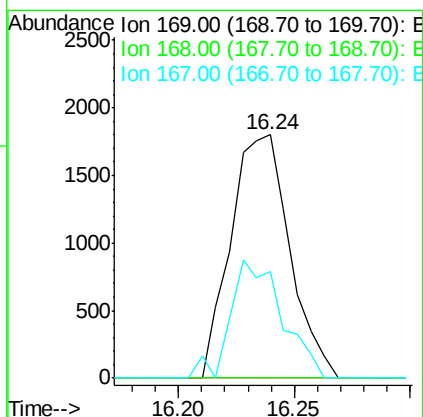
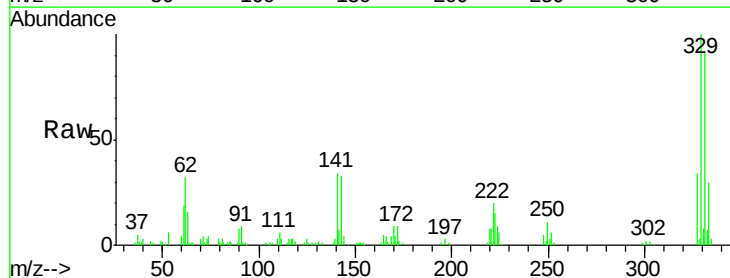
Instrument :
BNA_G
ClientSampleId :
PB91111BL

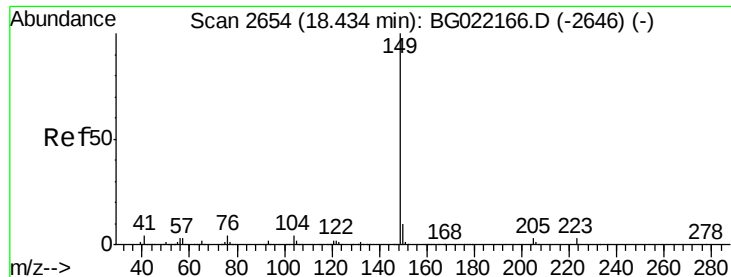
Tgt Ion:188 Resp: 181907
Ion Ratio Lower Upper
188 100
94 10.8 7.5 11.3
80 10.8 8.6 13.0



#65
n-Nitrosodiphenylamine
Concen: 0.61 ng
RT: 16.24 min Scan# 2281
Delta R.T. 0.24 min
Lab File: BG022173.D
Acq: 6 Jun 2016 17:43

Tgt Ion:169 Resp: 3197
Ion Ratio Lower Upper
169 100
168 0.0 59.6 89.4#
167 43.8 31.2 46.8

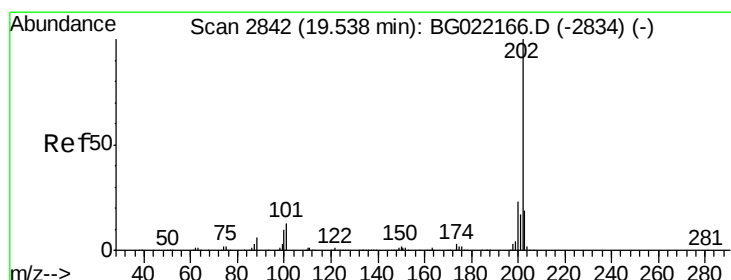
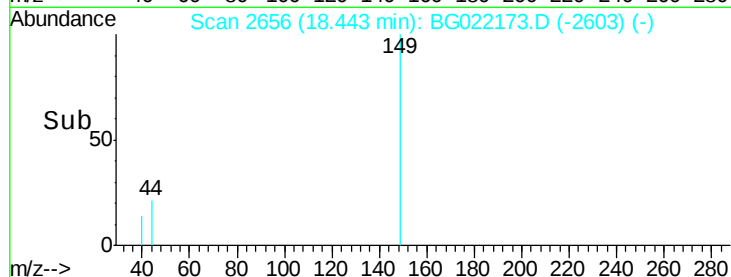
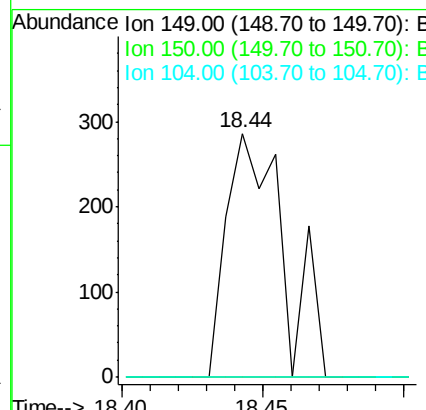
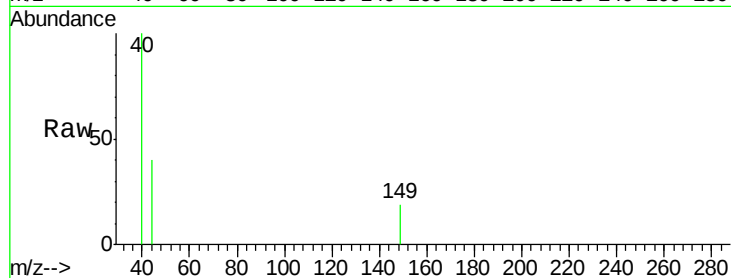




#73
Di-n-butylphthalate
Concen: 0.03 ng
RT: 18.44 min Scan# 2656
Delta R.T. 0.01 min
Lab File: BG022173.D
Acq: 6 Jun 2016 17:43

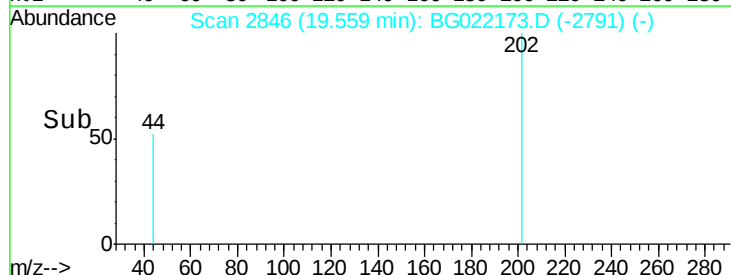
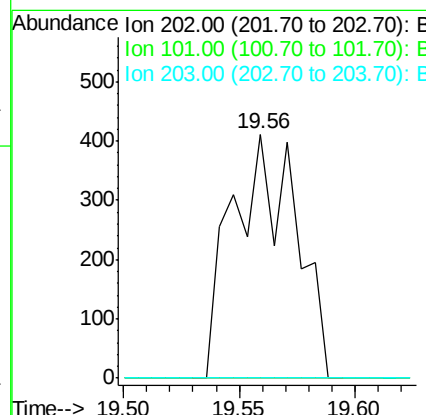
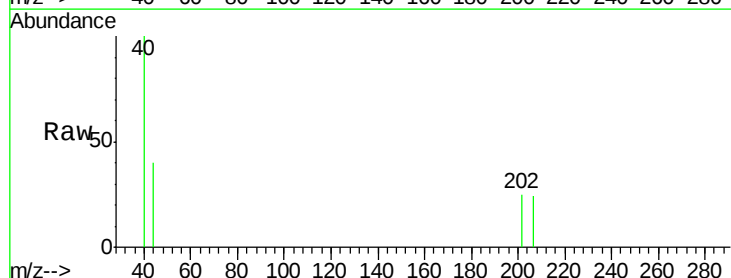
Instrument :
BNA_G
ClientSampleId :
PB91111BL

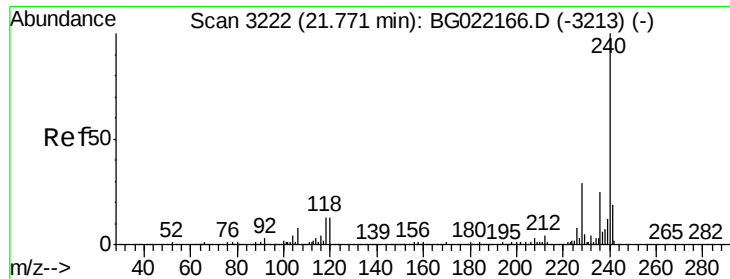
Tgt Ion:149 Resp: 400
Ion Ratio Lower Upper
149 100
150 0.0 7.4 11.0#
104 0.0 4.0 6.0#



#74
Fluoranthene
Concen: 0.07 ng
RT: 19.56 min Scan# 2846
Delta R.T. 0.02 min
Lab File: BG022173.D
Acq: 6 Jun 2016 17:43

Tgt Ion:202 Resp: 781
Ion Ratio Lower Upper
202 100
101 0.0 0.0 31.0
203 0.0 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: BG022173.D

Acq: 6 Jun 2016 17:43

Instrument :

BNA_G

ClientSampleId :

PB91111BL

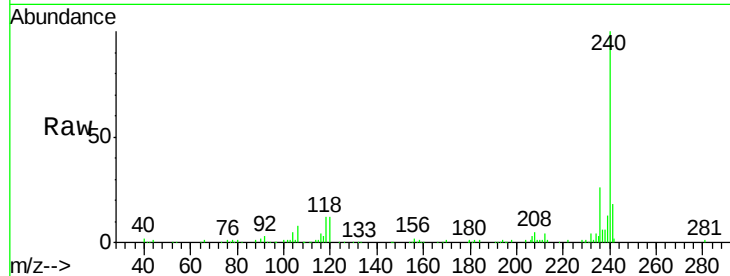
Tgt Ion:240 Resp: 192310

Ion Ratio Lower Upper

240 100

120 12.4 8.4 12.6

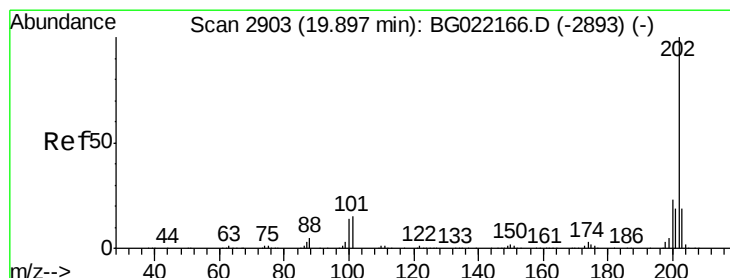
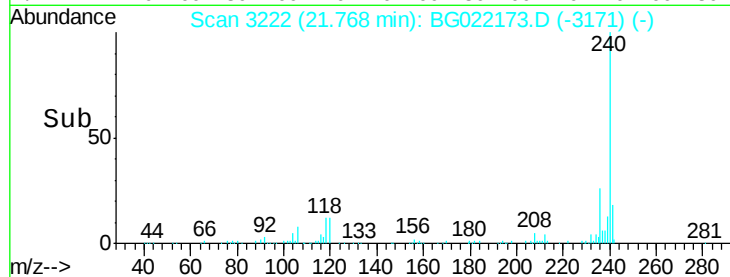
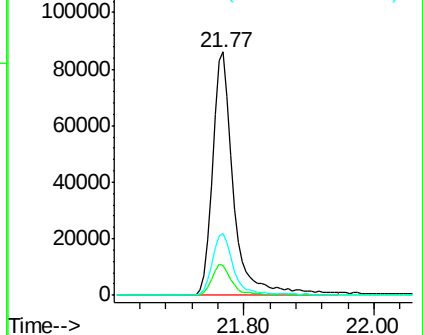
236 25.5 19.6 29.4



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: 0.09 ng

RT: 19.91 min Scan# 2906

Delta R.T. 0.01 min

Lab File: BG022173.D

Acq: 6 Jun 2016 17:43

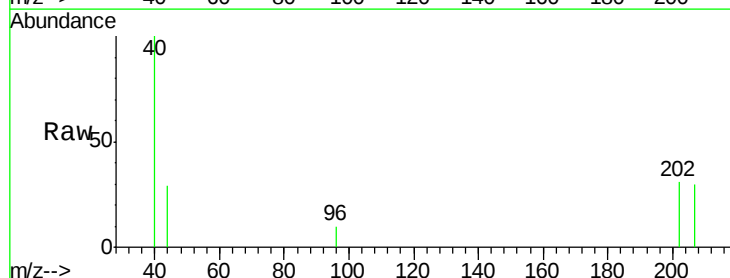
Tgt Ion:202 Resp: 1081

Ion Ratio Lower Upper

202 100

200 0.0 18.2 27.2#

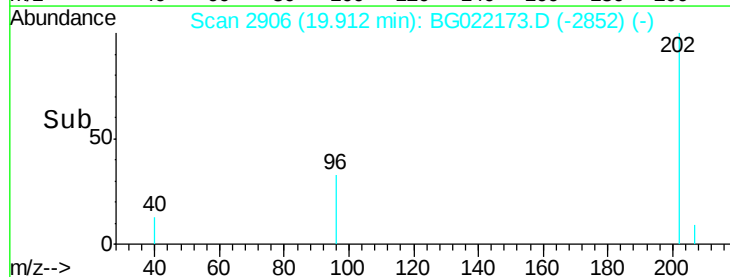
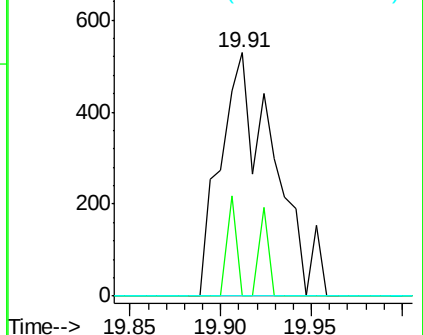
203 0.0 15.0 22.4#

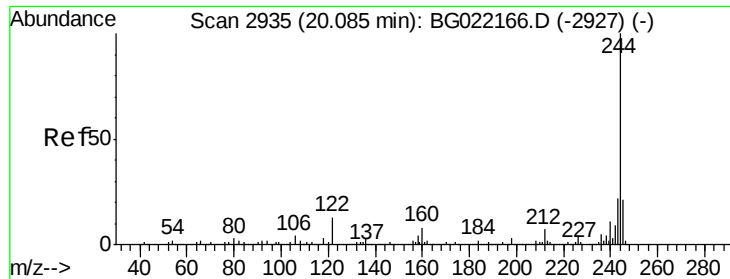


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 79.62 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.00 min

Lab File: BG022173.D

Acq: 6 Jun 2016 17:43

Instrument :

BNA_G

ClientSampleId :

PB91111BL

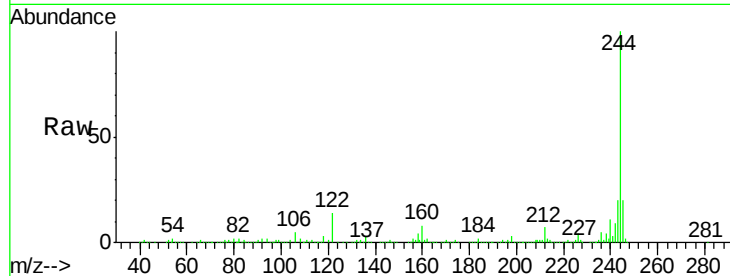
Tgt Ion:244 Resp: 644933

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

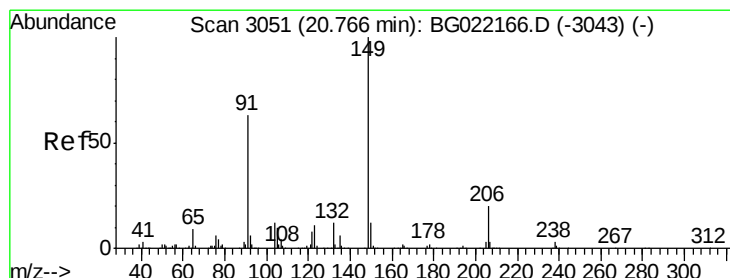
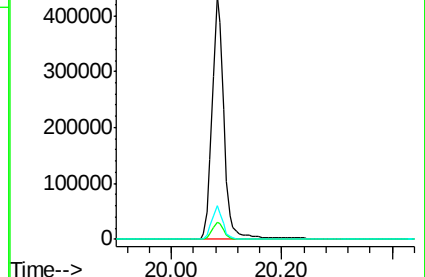
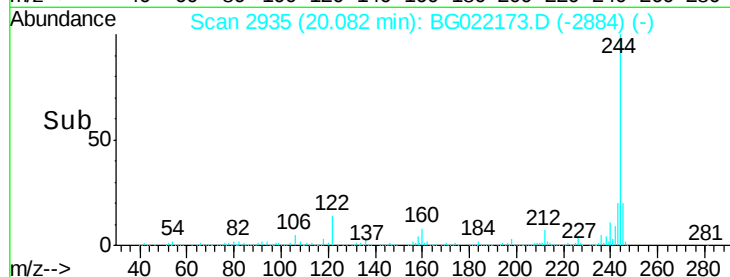
122 13.8 8.6 12.8#



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: 0.09 ng

RT: 20.77 min Scan# 3052

Delta R.T. 0.00 min

Lab File: BG022173.D

Acq: 6 Jun 2016 17:43

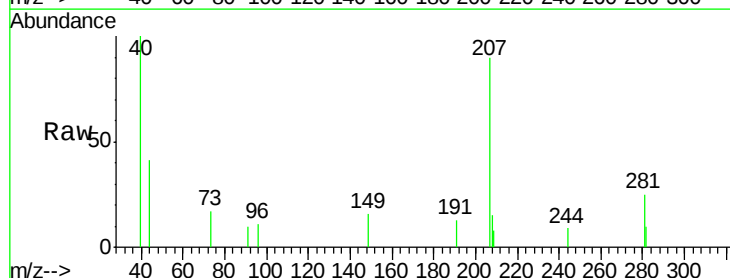
Tgt Ion:149 Resp: 501

Ion Ratio Lower Upper

149 100

91 61.5 57.8 86.8

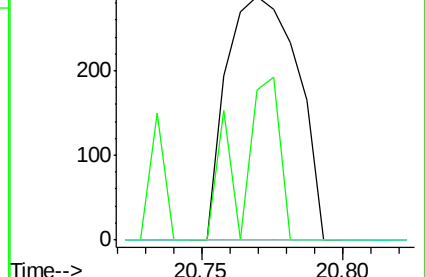
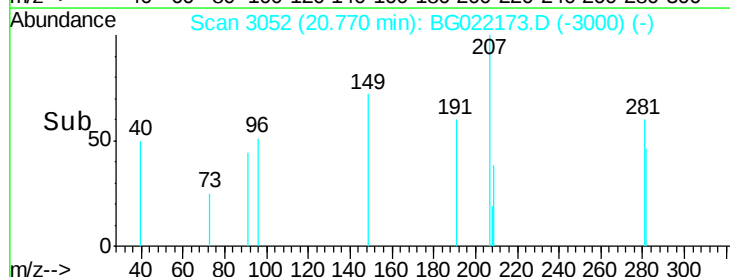
206 0.0 17.0 25.4#

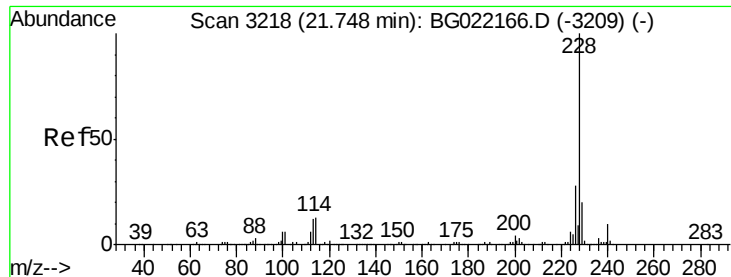


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

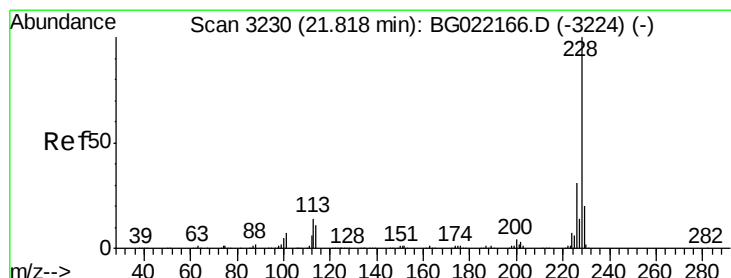
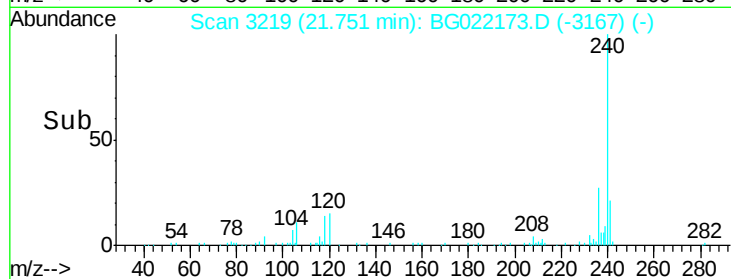
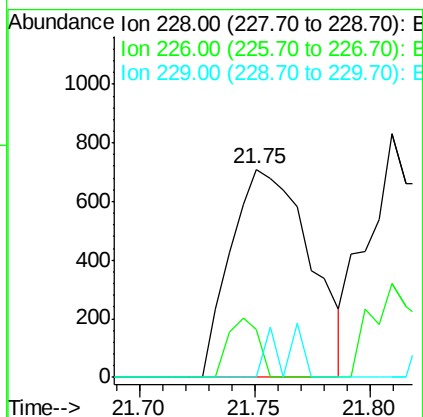
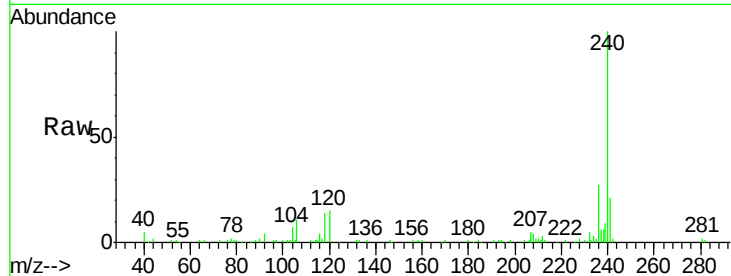




#80
Benzo(a)anthracene
Concen: 0.16 ng
RT: 21.75 min Scan# 3219
Delta R.T. 0.00 min
Lab File: BG022173.D
Acq: 6 Jun 2016 17:43

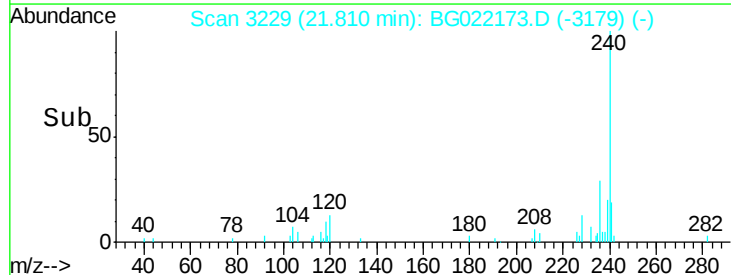
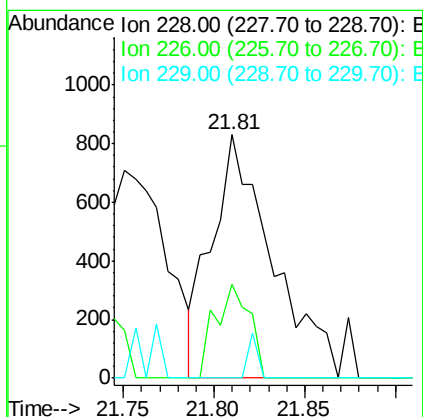
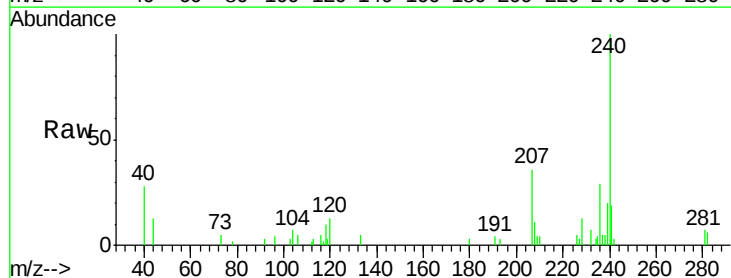
Instrument :
BNA_G
ClientSampleId :
PB91111BL

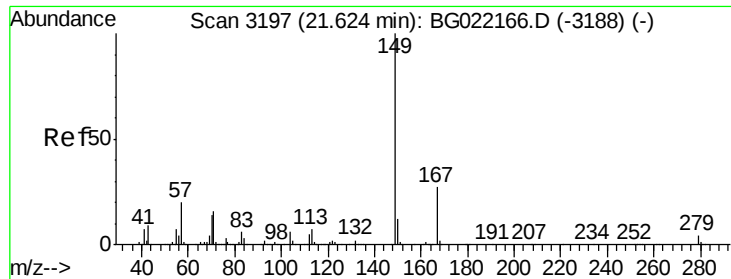
Tgt Ion:228 Resp: 1690
Ion Ratio Lower Upper
228 100
226 22.8 22.6 34.0
229 0.0 16.1 24.1#



#82
Chrysene
Concen: 0.18 ng
RT: 21.81 min Scan# 3229
Delta R.T. -0.01 min
Lab File: BG022173.D
Acq: 6 Jun 2016 17:43

Tgt Ion:228 Resp: 1925
Ion Ratio Lower Upper
228 100
226 38.4 25.4 38.0#
229 0.0 15.9 23.9#

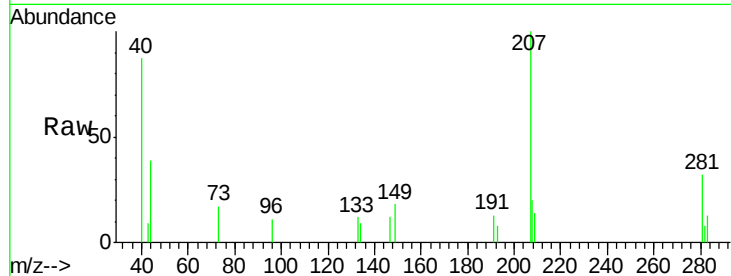




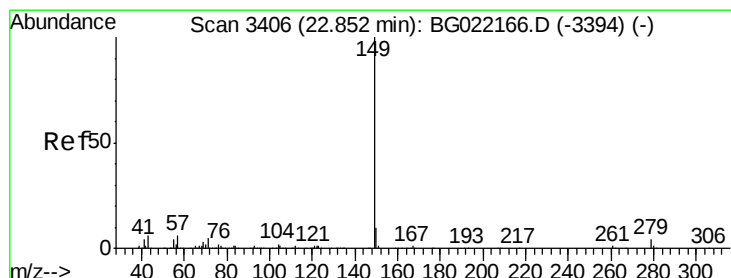
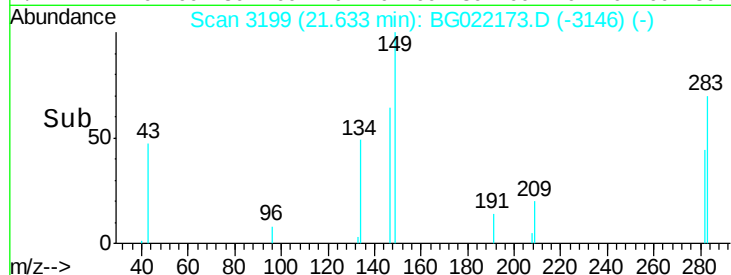
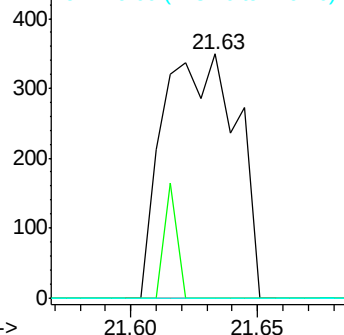
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.09 ng
 RT: 21.63 min Scan# 3199
 Delta R.T. 0.01 min
 Lab File: BG022173.D
 Acq: 6 Jun 2016 17:43

Instrument :
 BNA_G
 ClientSampleId :
 PB91111BL

Tgt Ion:149 Resp: 709
 Ion Ratio Lower Upper
 149 100
 167 0.0 22.4 33.6#
 279 0.0 3.2 4.8#

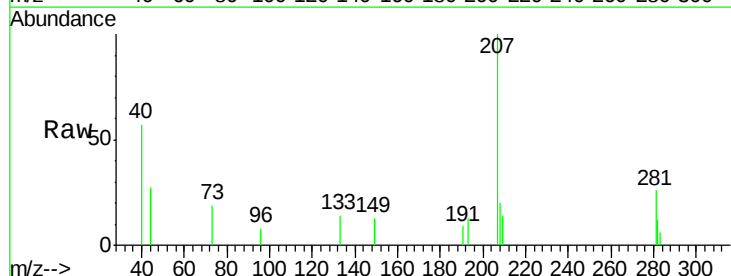


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

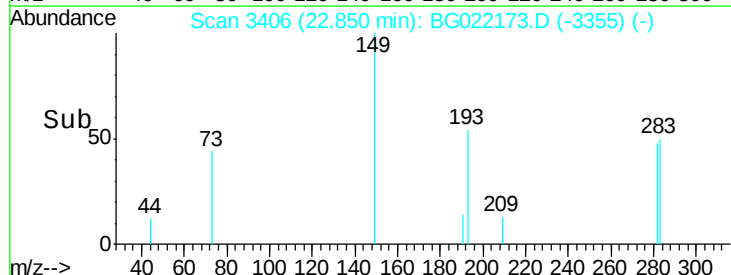
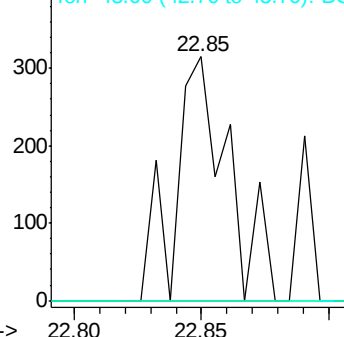


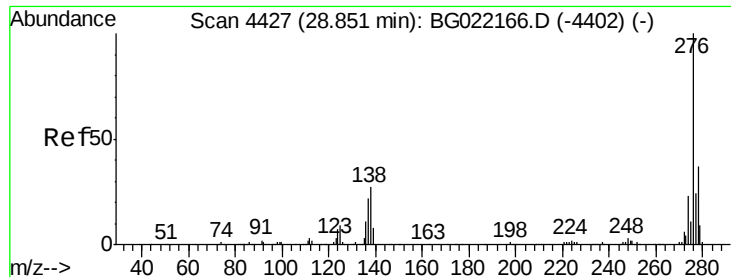
#84
 Di-n-octyl phthalate
 Concen: 0.03 ng
 RT: 22.85 min Scan# 3406
 Delta R.T. -0.00 min
 Lab File: BG022173.D
 Acq: 6 Jun 2016 17:43

Tgt Ion:149 Resp: 464
 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

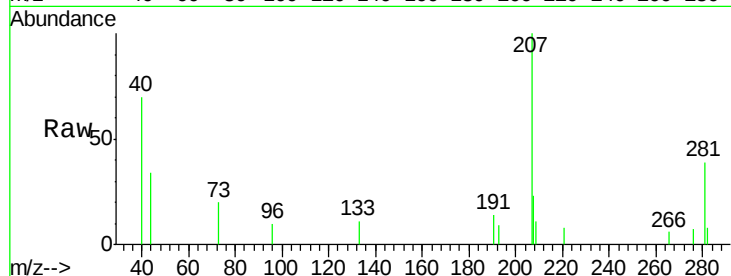




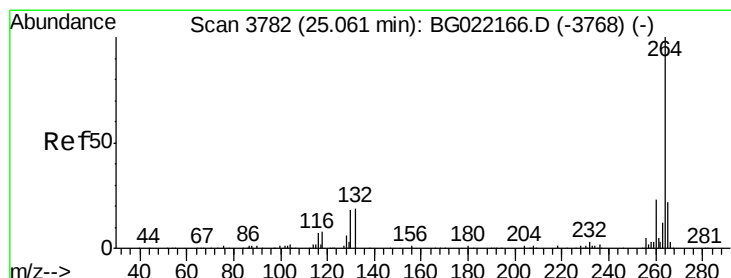
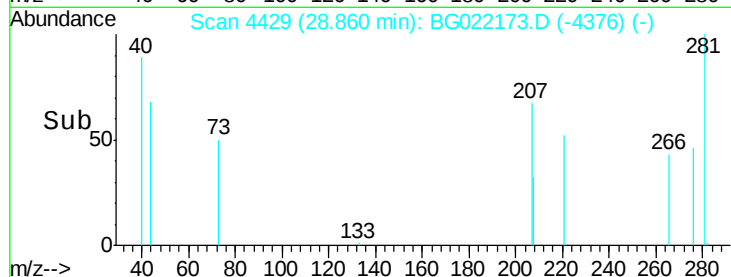
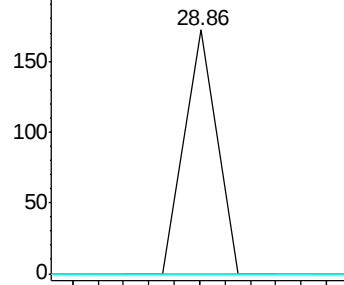
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.01 ng
 RT: 28.86 min Scan# 4429
 Delta R.T. 0.01 min
 Lab File: BG022173.D
 Acq: 6 Jun 2016 17:43

Instrument :
 BNA_G
 ClientSampleId :
 PB91111BL

Tgt Ion: 276 Resp: 61
 Ion Ratio Lower Upper
 276 100
 138 0.0 14.0 21.0#
 277 0.0 20.6 30.8#

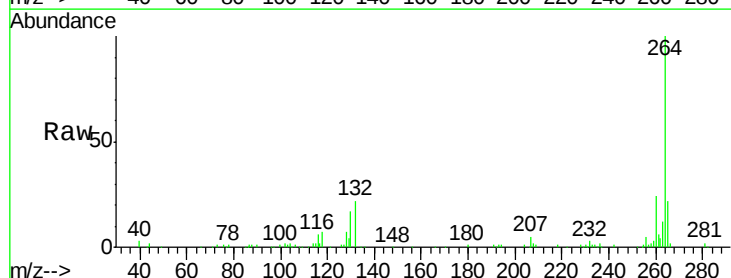


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

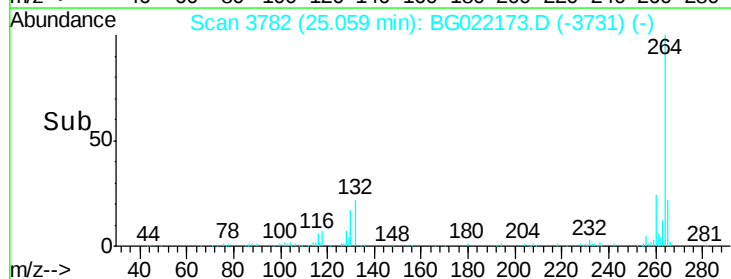
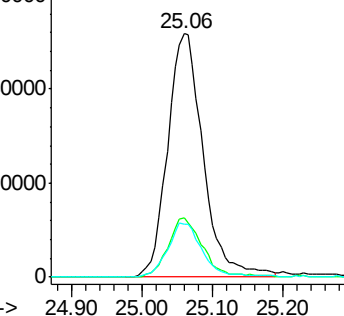


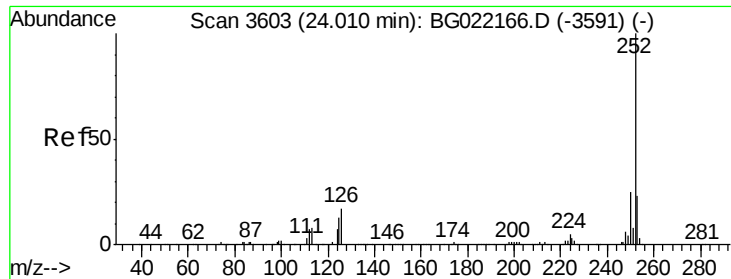
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.06 min Scan# 3782
 Delta R.T. -0.00 min
 Lab File: BG022173.D
 Acq: 6 Jun 2016 17:43

Tgt Ion: 264 Resp: 181264
 Ion Ratio Lower Upper
 264 100
 260 24.3 20.2 30.4
 265 21.9 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

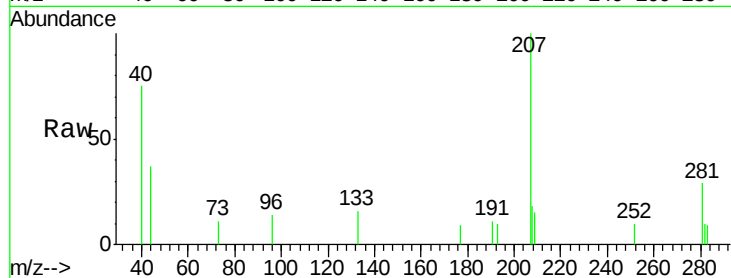




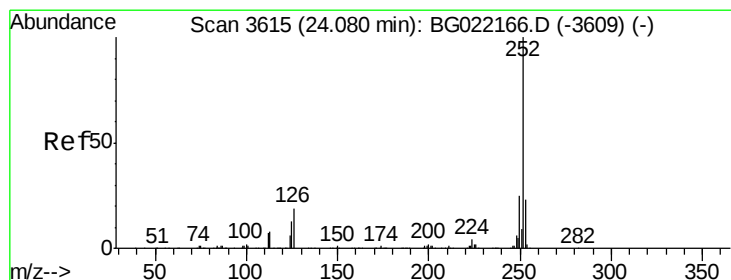
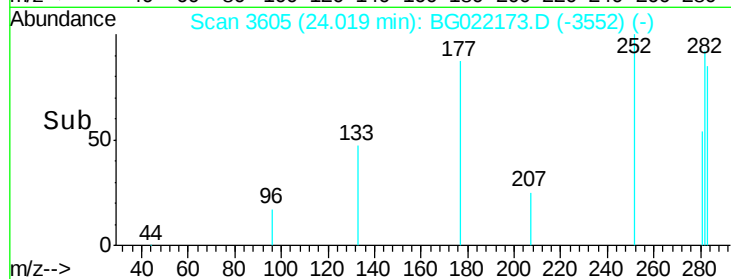
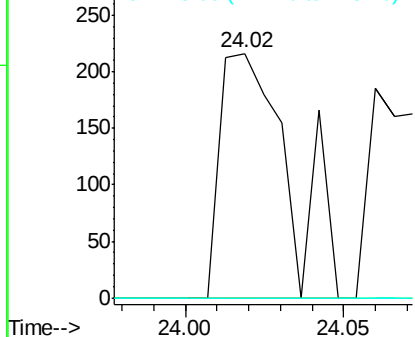
#87
Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 24.02 min Scan# 3605
Delta R.T. 0.01 min
Lab File: BG022173.D
Acq: 6 Jun 2016 17:43

Instrument :
BNA_G
ClientSampleId :
PB91111BL

Tgt Ion:252 Resp: 328
Ion Ratio Lower Upper
252 100
253 0.0 17.5 26.3#
125 0.0 8.6 13.0#

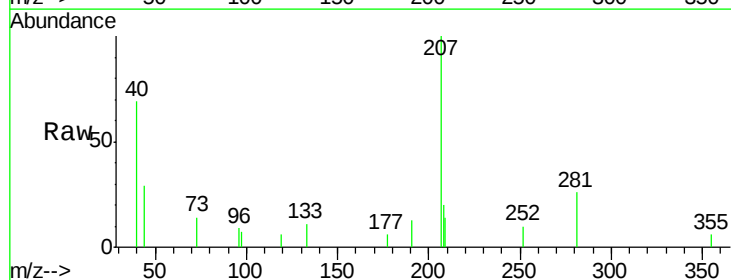


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

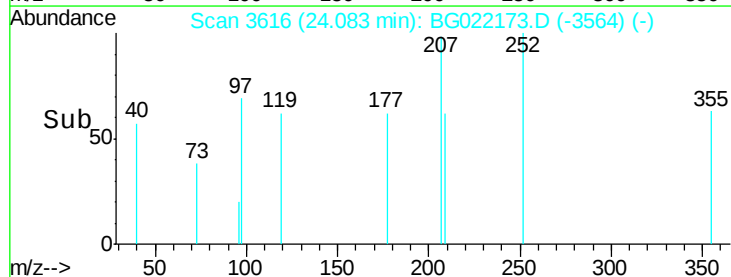
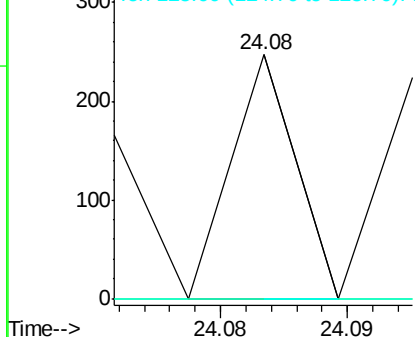


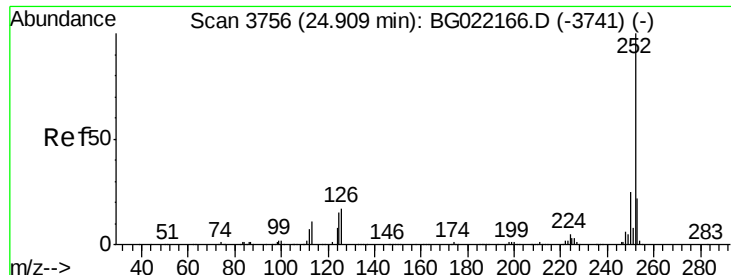
#88
Benzo(k)fluoranthene
Concen: 0.01 ng
RT: 24.08 min Scan# 3616
Delta R.T. 0.00 min
Lab File: BG022173.D
Acq: 6 Jun 2016 17:43

Tgt Ion:252 Resp: 87
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: 24.91 min Scan# 3756

Delta R.T. -0.00 min

Lab File: BG022173.D

Acq: 6 Jun 2016 17:43

Instrument :

BNA_G

ClientSampleId :

PB91111BL

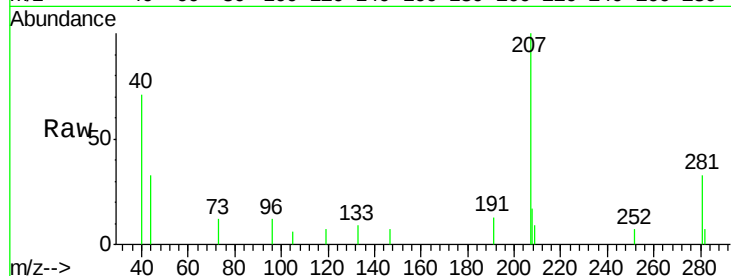
Tgt Ion: 252 Resp: 55

Ion Ratio Lower Upper

252 100

253 0.0 17.1 25.7#

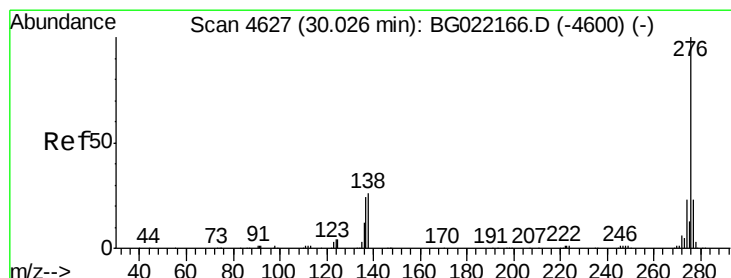
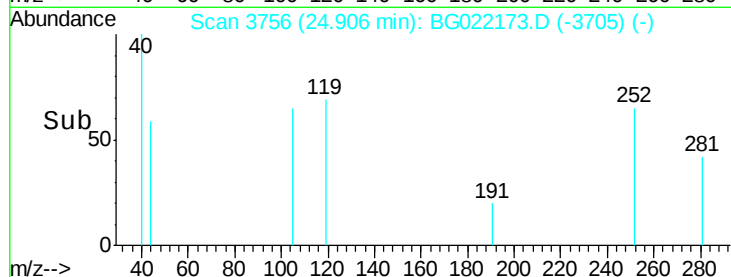
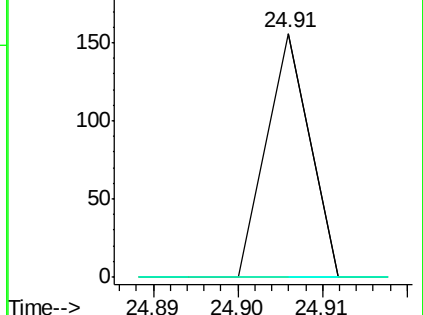
125 0.0 9.6 14.4#



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: 30.02 min Scan# 4627

Delta R.T. -0.00 min

Lab File: BG022173.D

Acq: 6 Jun 2016 17:43

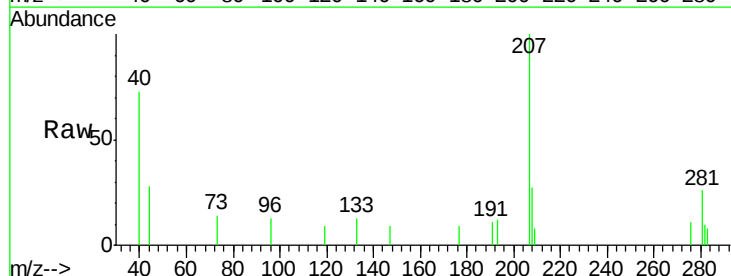
Tgt Ion: 276 Resp: 81

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

