

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101015\
 Data File : BG019111.D
 Acq On : 10 Oct 2015 11:07
 Operator : UM/NP
 Sample : PB85979BL
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB85979BL

Quant Time: Oct 12 05:04:33 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 10 07:04:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	16521	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	68663	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	48915	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	138562	20.00	ng	0.00
75) Chrysene-d12	21.68	240	185791	20.00	ng	0.00
86) Perylene-d12	24.90	264	177106	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	102059	125.78	ng	0.00
7) Phenol-d6	7.20	99	150510	120.74	ng	0.00
23) Nitrobenzene-d5	9.19	82	99774	80.29	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	80725	121.11	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	247014	77.65	ng	0.00
78) Terphenyl-d14	20.02	244	539060	76.64	ng	0.00

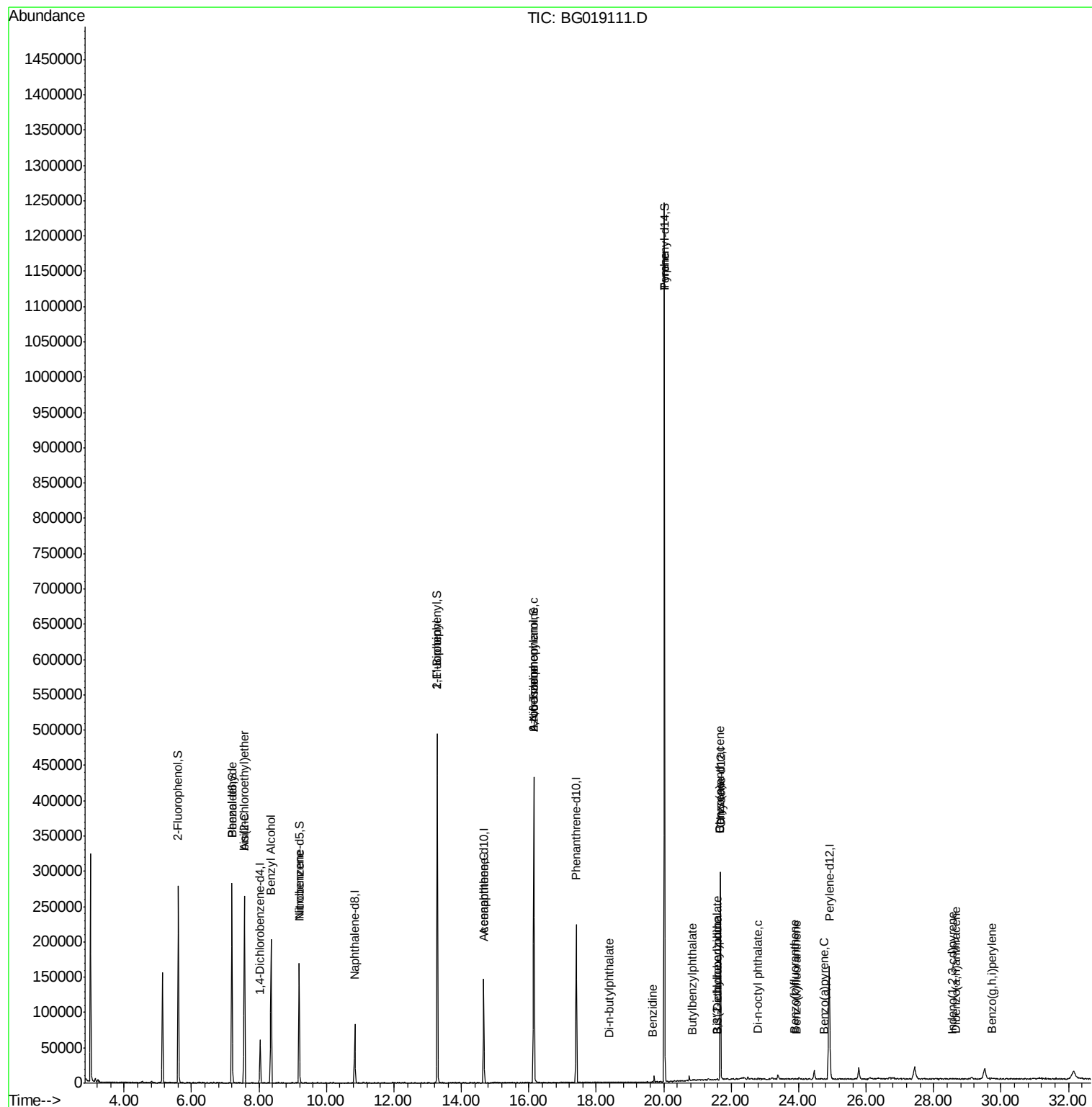
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	7.57	93	54	0.03	ng	# 1
9) Benzaldehyde	7.20	77	254	0.32	ng	# 3
11) bis(2-Chloroethyl)ether	7.57	93	54	0.06	ng	# 1
15) Benzyl Alcohol	8.35	79	1688	1.52	ng	# 64
24) Nitrobenzene	9.20	77	179	0.14	ng	# 43
45) 1,1'-Biphenyl	13.29	154	413	0.12	ng	# 1
51) Acenaphthene	14.67	154	56	0.02	ng	# 3
62) Azobenzene	16.14	77	293	0.08	ng	# 5
65) n-Nitrosodiphenylamine	16.15	169	2784	0.73	ng	# 50
73) Di-n-butylphthalate	18.37	149	205	0.03	ng	# 77
76) Benzidine	19.66	184	283	0.06	ng	# 66
77) Pvrene	20.02	202	2069	0.20	ng	# 59
79) Butylbenzylphthalate	20.84	149	63	0.01	ng	# 22
80) Benzo(a)anthracene	21.67	228	747	0.08	ng	# 51
81) 3,3'-Dichlorobenzidine	21.59	252	136	0.04	ng	# 23
82) Chrysene	21.67	228	747	0.08	ng	# 48
83) Bis(2-ethylhexyl)phthalate	21.57	149	462	0.08	ng	# 52
84) Di-n-octyl phthalate	22.79	149	977	0.10	ng	# 42
85) Indeno(1,2,3-cd)pvrene	28.55	276	283	0.02	ng	# 56
87) Benzo(b)fluoranthene	23.89	252	506	0.05	ng	# 60
88) Benzo(k)fluoranthene	23.93	252	469	0.05	ng	# 61
89) Benzo(a)pyrene	24.75	252	291	0.03	ng	# 61
90) Dibenzo(a,h)anthracene	28.65	278	196	0.02	ng	# 57
91) Benzo(g,h,i)perylene	29.73	276	209	0.02	ng	# 55

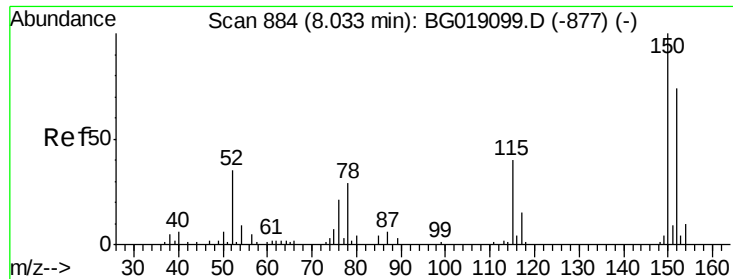
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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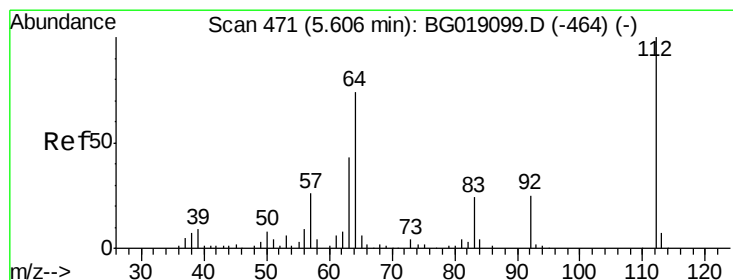
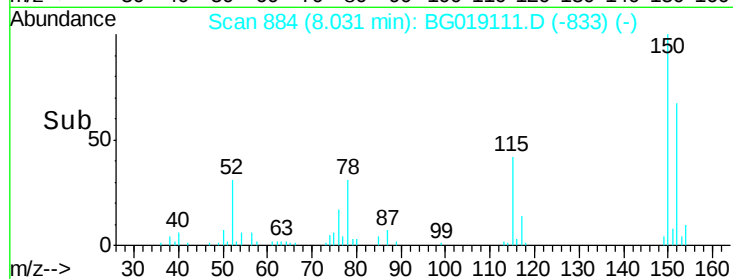
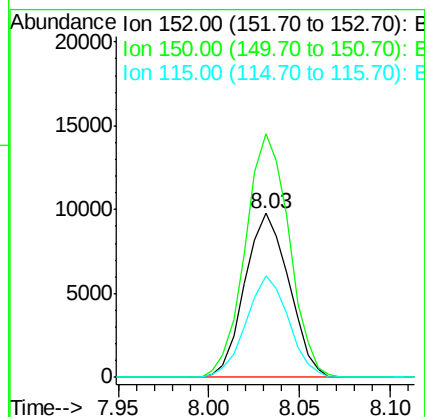
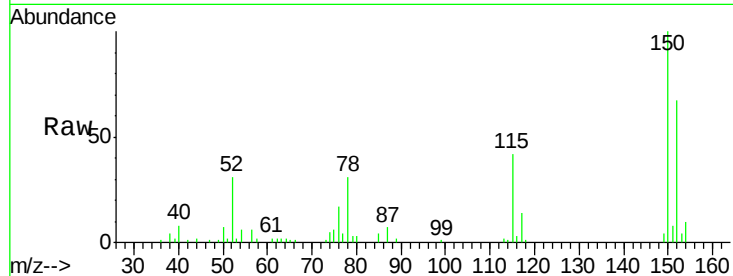




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.03 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BG019111.D
 Acq: 10 Oct 2015 11:07

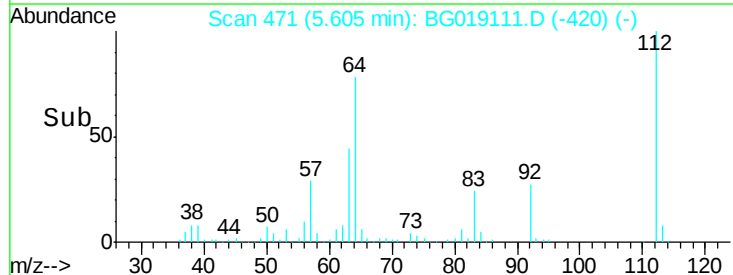
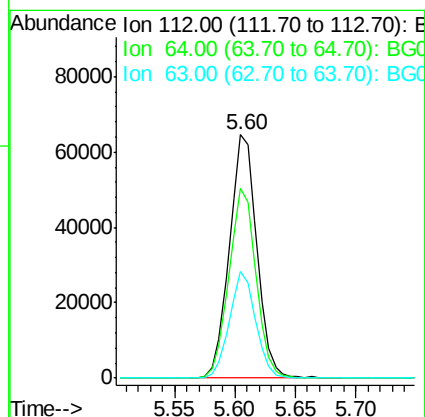
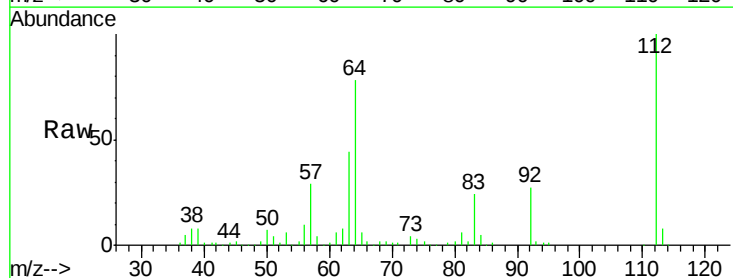
Instrument :
 BNA_G
 ClientSampleId :
 PB85979BL

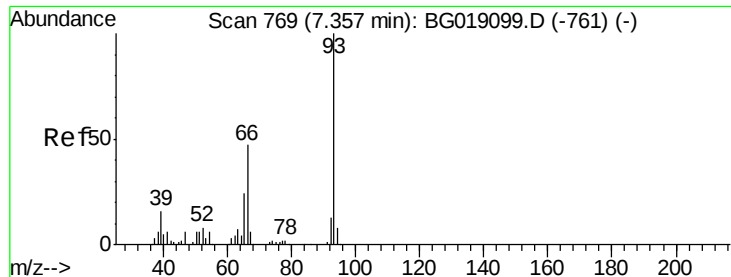
Tot Ion:152 Resp: 16521
 Ion Ratio Lower Upper
 152 100
 150 148.5 108.2 162.2
 115 61.7 43.2 64.8



#5
 2-Fluorophenol
 Concen: 125.78 ng
 RT: 5.60 min Scan# 471
 Delta R.T. -0.00 min
 Lab File: BG019111.D
 Acq: 10 Oct 2015 11:07

Tgt Ion:112 Resp: 102059
 Ion Ratio Lower Upper
 112 100
 64 78.0 59.0 88.4
 63 44.0 34.7 52.1





#6

Aniline

Concen: 0.03 ng

RT: 7.57 min Scan# 806

Delta R.T. 0.22 min

Lab File: BG019111.D

Acq: 10 Oct 2015 11:07

Instrument :

BNA_G

ClientSampleId :

PB85979BL

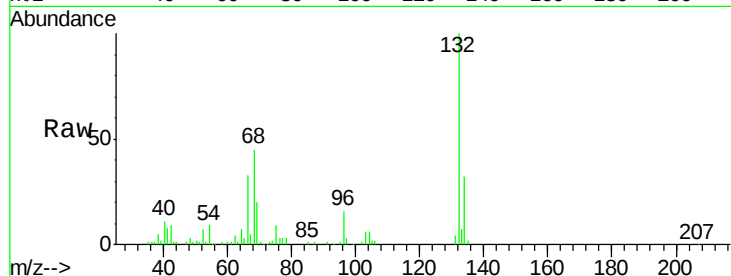
Tot Ion: 93 Resp: 54

Ion Ratio Lower Upper

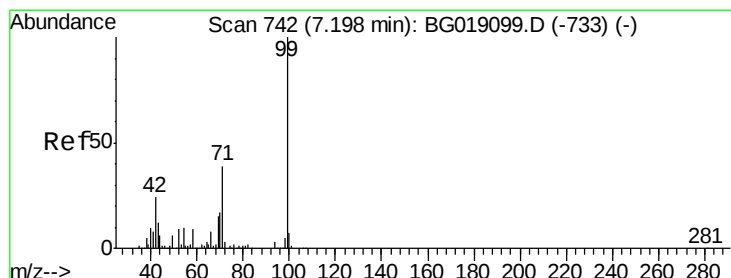
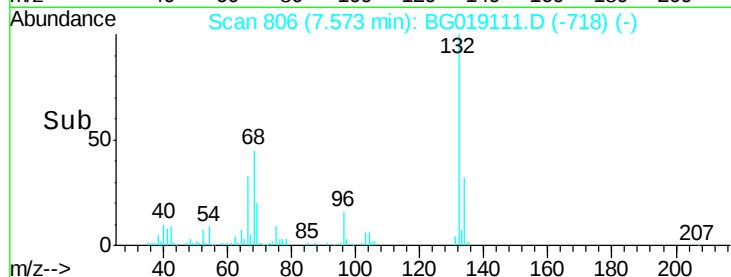
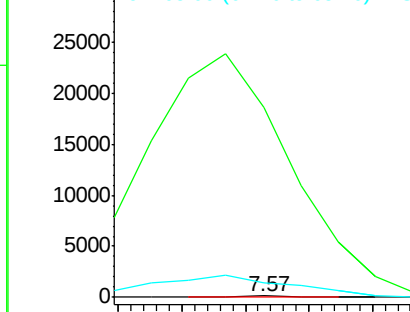
93 100

66 12177.8 37.4 56.2#

65 964.1 19.6 29.4#



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: 120.74 ng

RT: 7.20 min Scan# 742

Delta R.T. -0.00 min

Lab File: BG019111.D

Acq: 10 Oct 2015 11:07

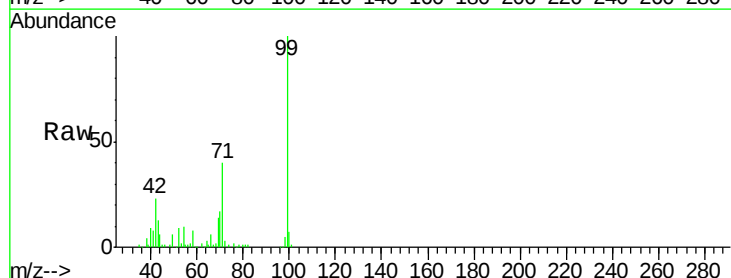
Tgt Ion: 99 Resp: 150510

Ion Ratio Lower Upper

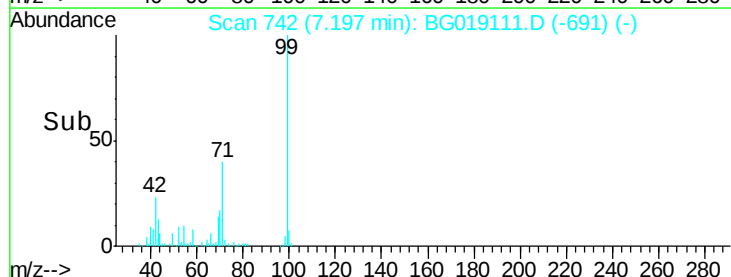
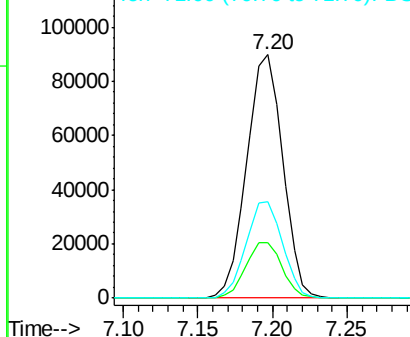
99 100

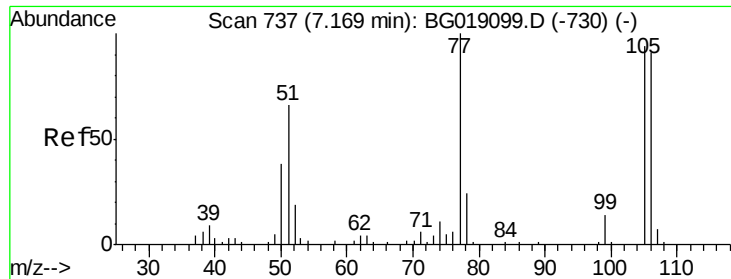
42 22.7 19.5 29.3

71 39.8 31.4 47.0



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

Benzaldehyd

Concen: 0.32 ng

RT: 7.20 min Scan# 742

Delta R.T. 0.03 min

Lab File: BG019111.D

Acq: 10 Oct 2015 11:07

Instrument :

BNA_G

ClientSampleId :

PB85979BL

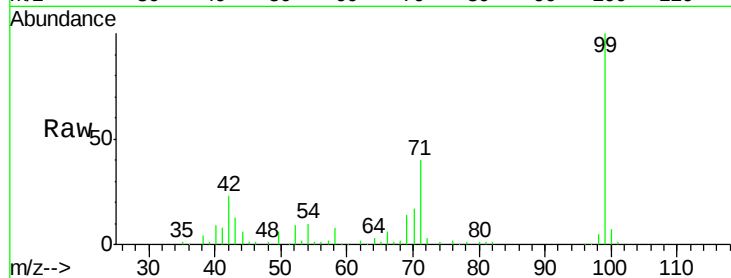
Tot Ion: 77 Resp: 254

Ion Ratio Lower Upper

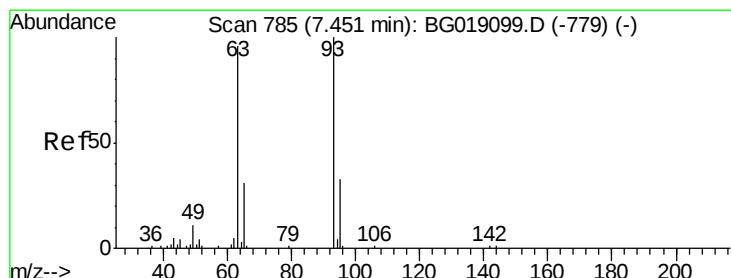
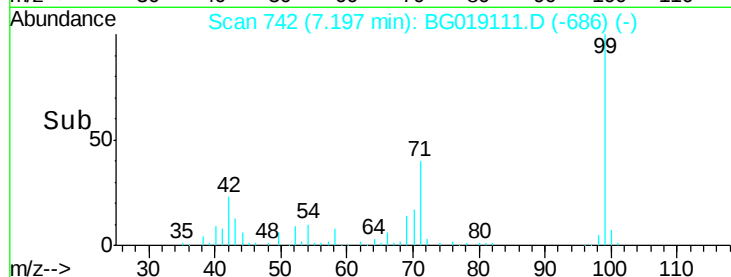
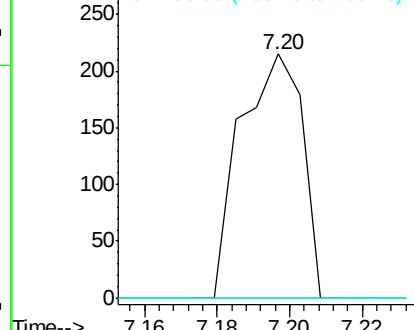
77 100

105 0.0 73.7 113.7#

106 0.0 71.0 111.0#



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: 0.06 ng

RT: 7.57 min Scan# 806

Delta R.T. 0.12 min

Lab File: BG019111.D

Acq: 10 Oct 2015 11:07

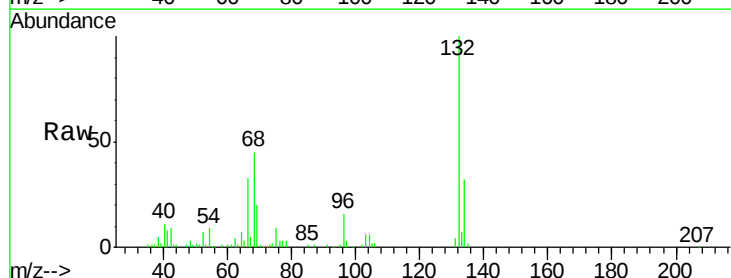
Tgt Ion: 93 Resp: 54

Ion Ratio Lower Upper

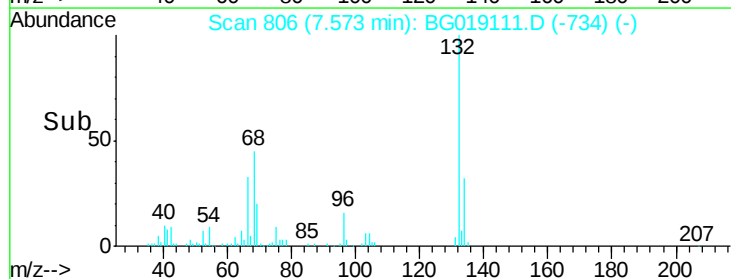
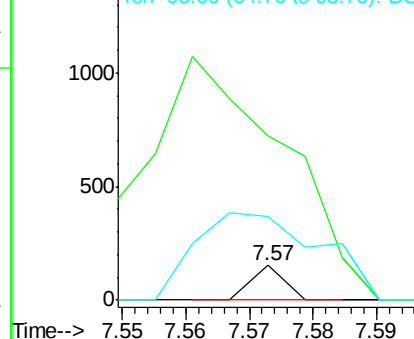
93 100

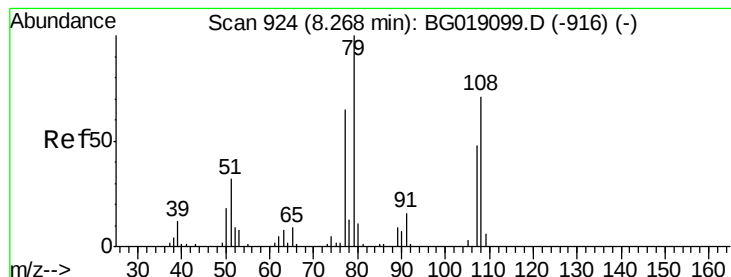
63 473.2 75.3 115.3#

95 240.5 12.9 52.9#



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: 1.52 ng

RT: 8.35 min Scan# 939

Delta R.T. 0.09 min

Lab File: BG019111.D

Acq: 10 Oct 2015 11:07

Instrument :

BNA_G

ClientSampled :

PB85979BL

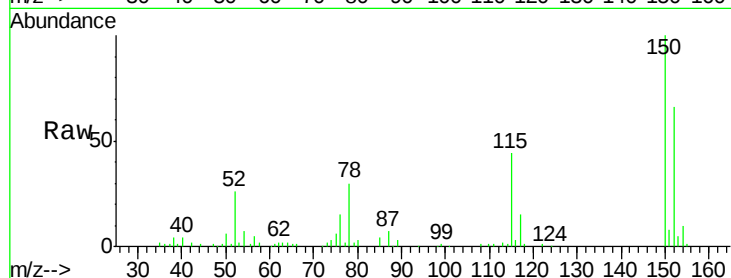
Tot Ion: 79 Resp: 1688

Ion Ratio Lower Upper

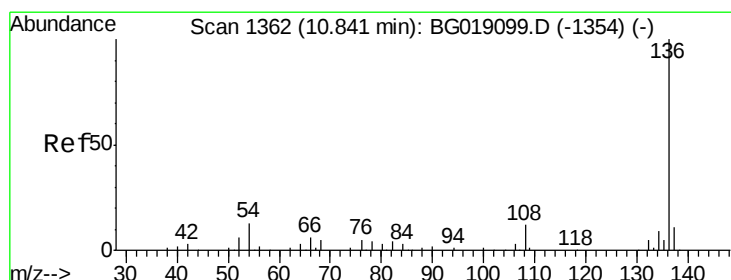
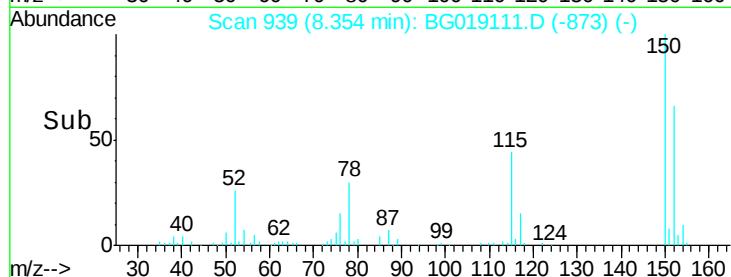
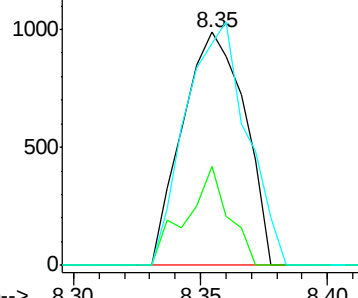
79 100

108 42.4 56.6 84.8#

77 94.8 51.6 77.4#



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: 10.84 min Scan# 1362

Delta R.T. -0.00 min

Lab File: BG019111.D

Acq: 10 Oct 2015 11:07

Tgt Ion: 136 Resp: 68663

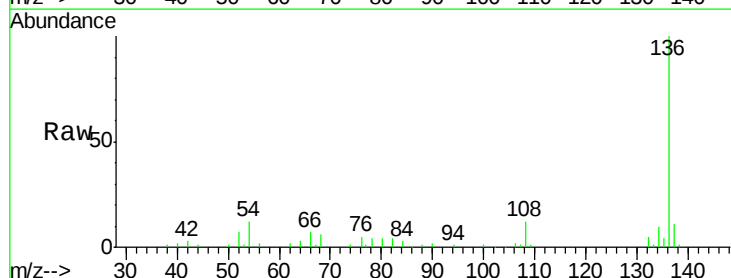
Ion Ratio Lower Upper

136 100

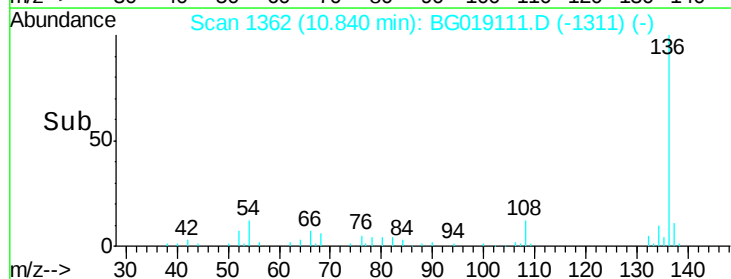
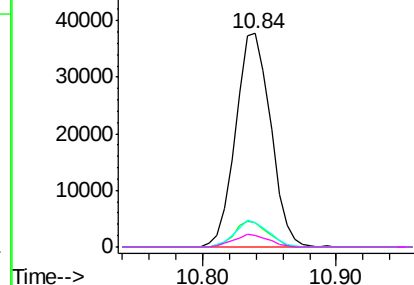
137 11.3 9.0 13.4

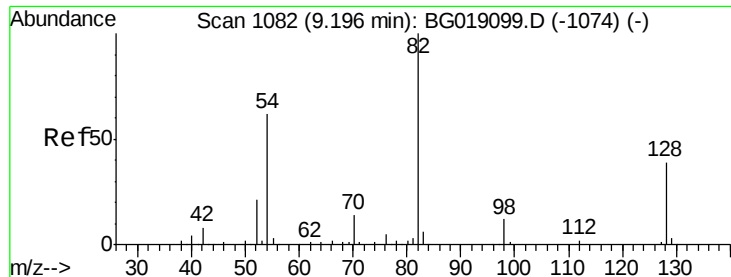
54 11.6 10.1 15.1

68 5.6 4.4 6.6



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

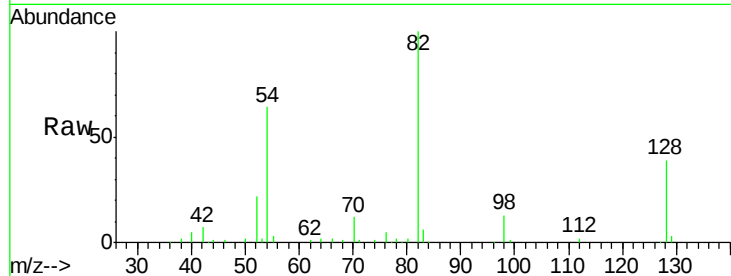




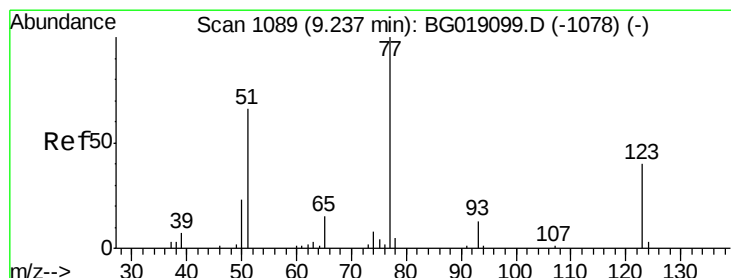
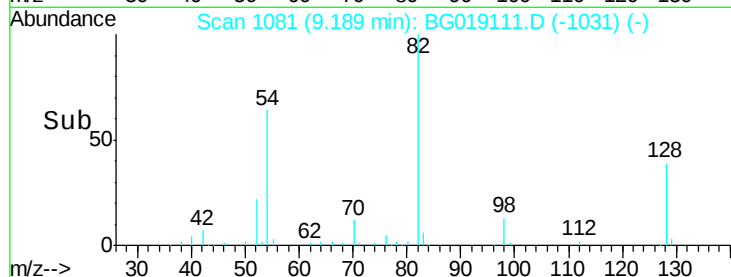
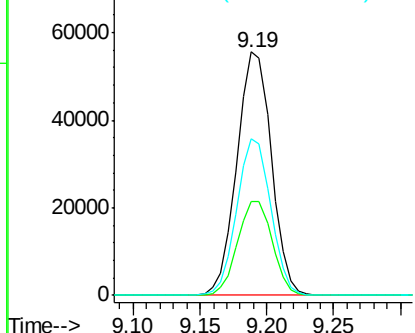
#23
 Nitrobenzene-d5
 Concen: 80.29 ng
 RT: 9.19 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BG019111.D
 Acq: 10 Oct 2015 11:07

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Tot Ion	82	Resp	99774
Ion Ratio	100	Lower	Upper
128	38.5	31.4	47.2
54	64.2	50.0	75.0

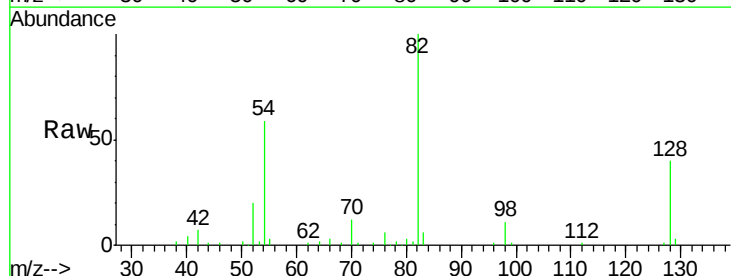


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

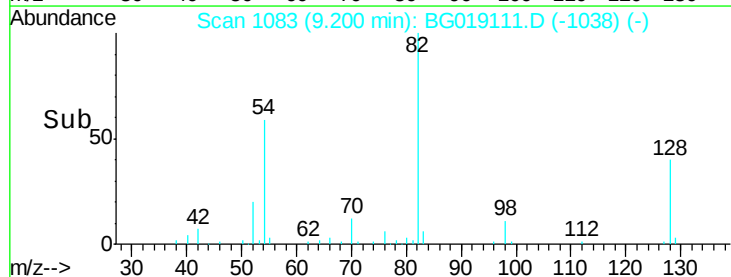
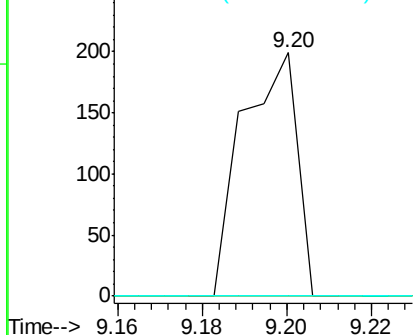


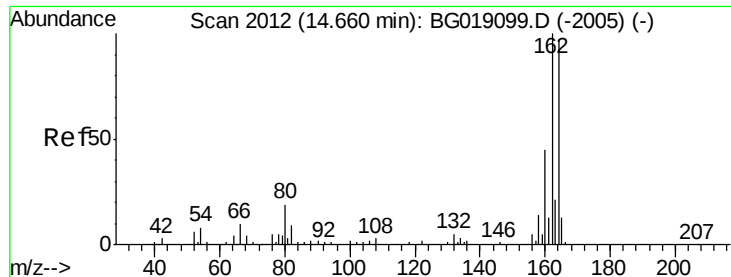
#24
 Nitrobenzene
 Concen: 0.14 ng
 RT: 9.20 min Scan# 1083
 Delta R.T. -0.04 min
 Lab File: BG019111.D
 Acq: 10 Oct 2015 11:07

Tgt Ion	77	Resp	179
Ion Ratio	100	Lower	Upper
123	0.0	31.8	47.6#
65	0.0	11.8	17.6#



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.66 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BG019111.D

Acq: 10 Oct 2015 11:07

Instrument :

BNA_G

ClientSampleId :

PB85979BL

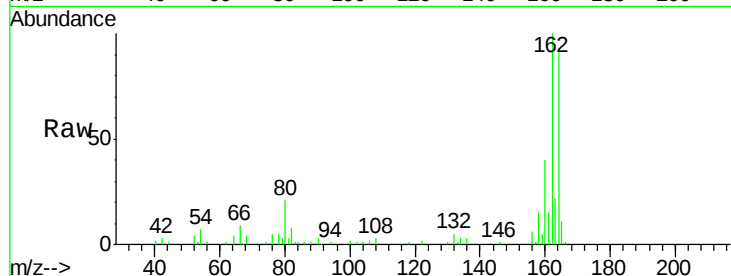
Tot Ion:164 Resp: 48915

Ion Ratio Lower Upper

164 100

162 107.7 82.6 124.0

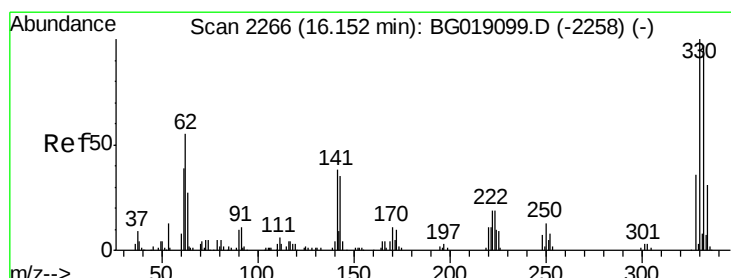
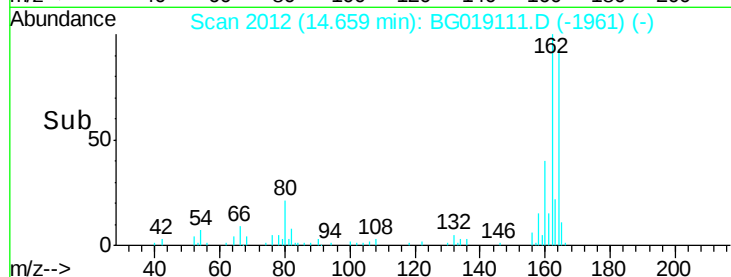
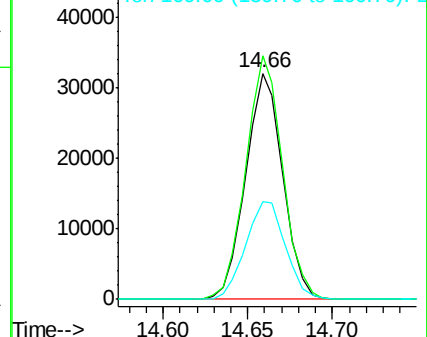
160 42.9 36.9 55.3



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: 121.11 ng

RT: 16.15 min Scan# 2265

Delta R.T. -0.01 min

Lab File: BG019111.D

Acq: 10 Oct 2015 11:07

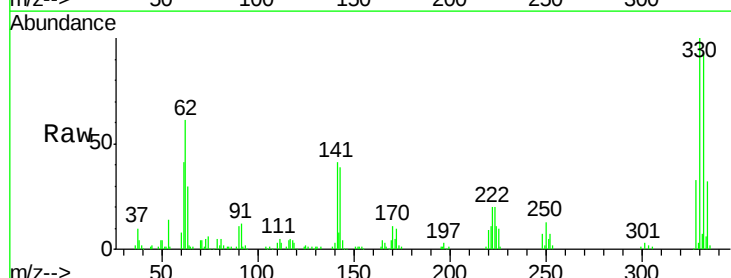
Tgt Ion:330 Resp: 80725

Ion Ratio Lower Upper

330 100

332 95.5 77.3 115.9

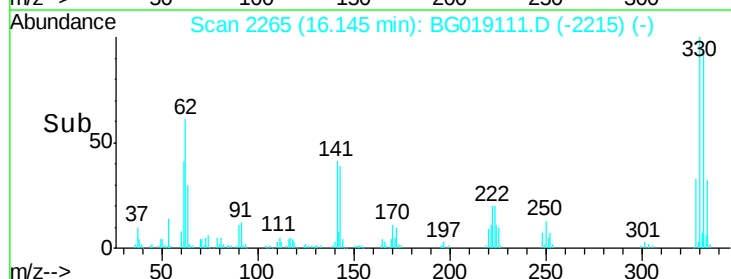
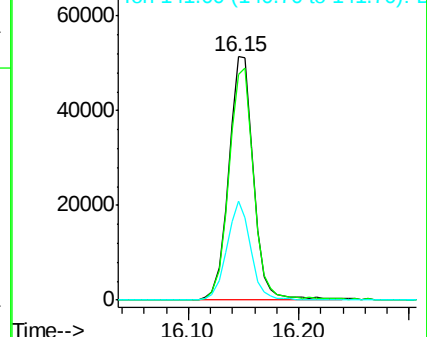
141 39.0 30.7 46.1

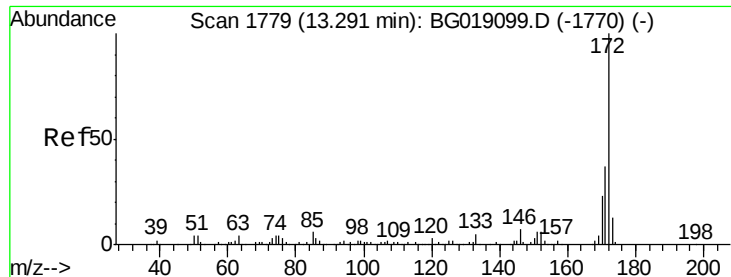


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

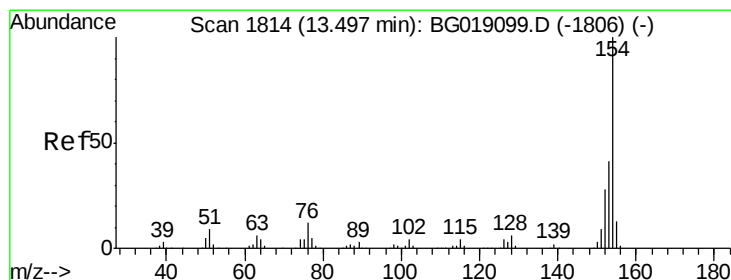
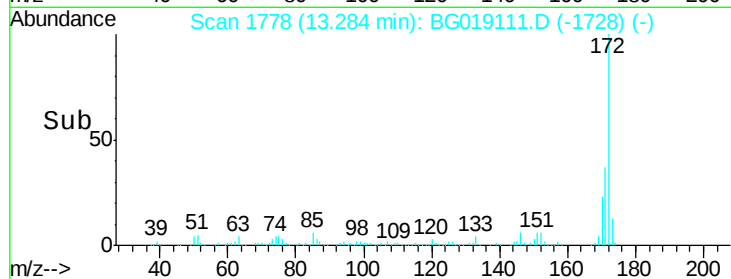
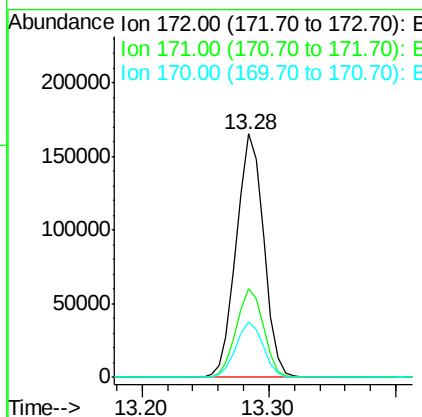
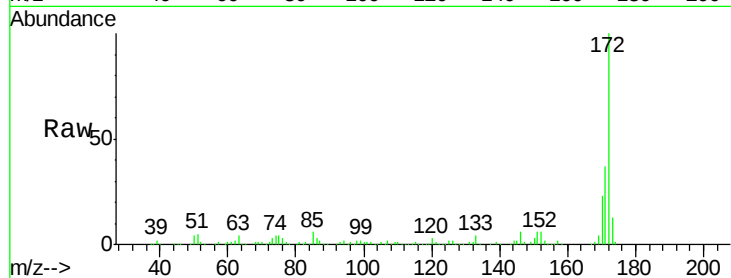




#44
2-Fluorobiphenyl
Concen: 77.65 ng
RT: 13.28 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BG019111.D
Acq: 10 Oct 2015 11:07

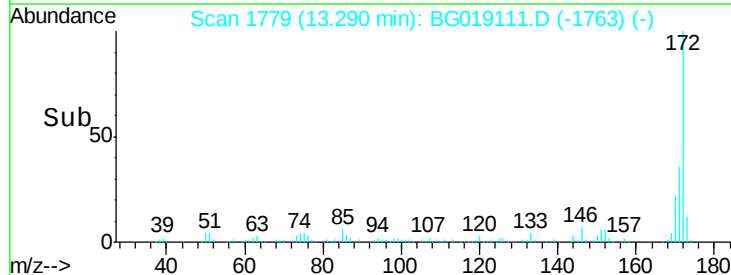
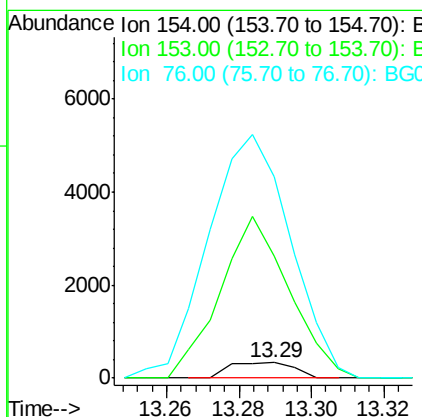
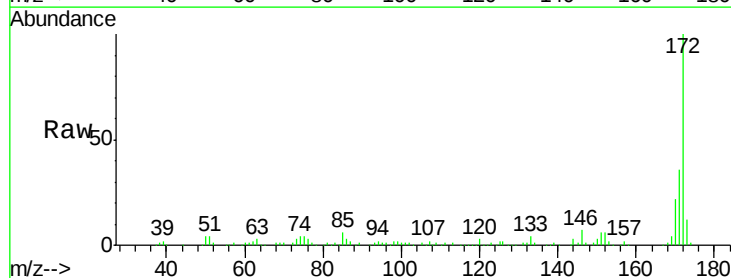
Instrument :
BNA_G
ClientSampleId :
PB85979BL

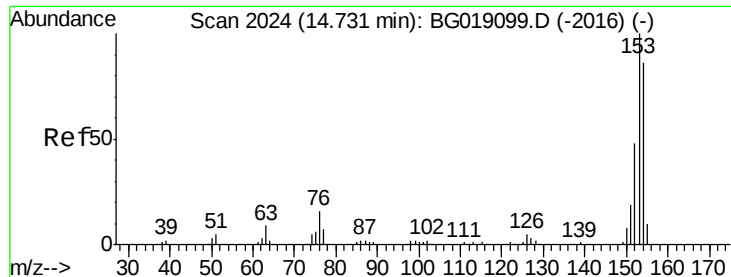
Tot Ion:172 Resp: 247014
Ion Ratio Lower Upper
172 100
171 36.5 29.9 44.9
170 22.8 18.6 27.8



#45
1,1'-Biphenyl
Concen: 0.12 ng
RT: 13.29 min Scan# 1779
Delta R.T. -0.21 min
Lab File: BG019111.D
Acq: 10 Oct 2015 11:07

Tgt Ion:154 Resp: 413
Ion Ratio Lower Upper
154 100
153 783.3 20.6 60.6#
76 1292.5 0.0 32.2#





#51

Acenaphthene

Concen: 0.02 ng

RT: 14.67 min Scan# 2014

Delta R.T. -0.06 min

Lab File: BG019111.D

Acq: 10 Oct 2015 11:07

Instrument :

BNA_G

ClientSampleId :

PB85979BL

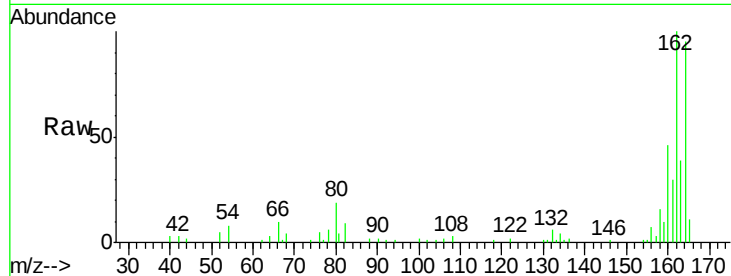
Tot Ion:154 Resp: 56

Ion Ratio Lower Upper

154 100

153 0.0 93.4 140.2#

152 0.0 44.9 67.3#



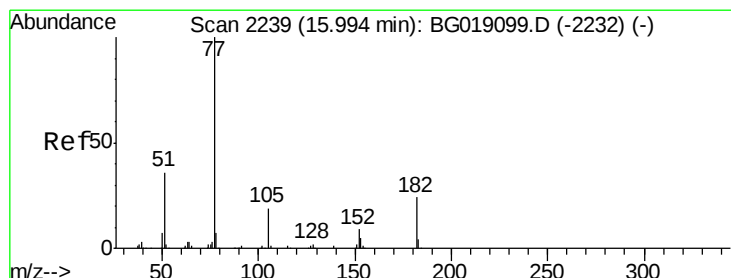
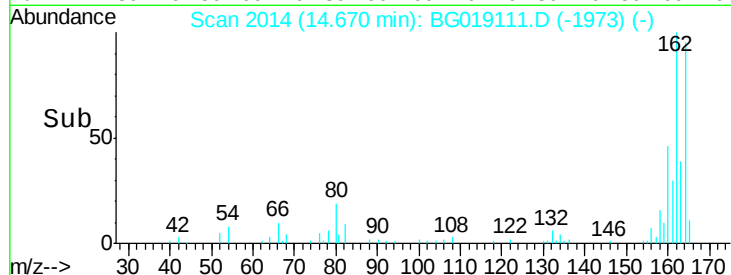
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

14.67

Time-->



#62

Azobenzene

Concen: 0.08 ng

RT: 16.14 min Scan# 2264

Delta R.T. 0.15 min

Lab File: BG019111.D

Acq: 10 Oct 2015 11:07

Tgt Ion: 77 Resp: 293

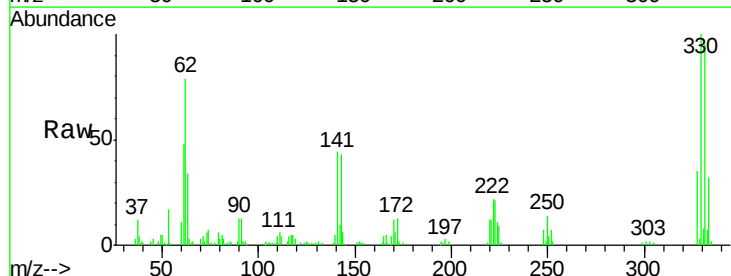
Ion Ratio Lower Upper

77 100

182 0.0 4.4 44.4#

105 96.9 0.0 39.1#

51 86.2 15.9 55.9#



Abundance Ion 77.00 (76.70 to 77.70): BGC

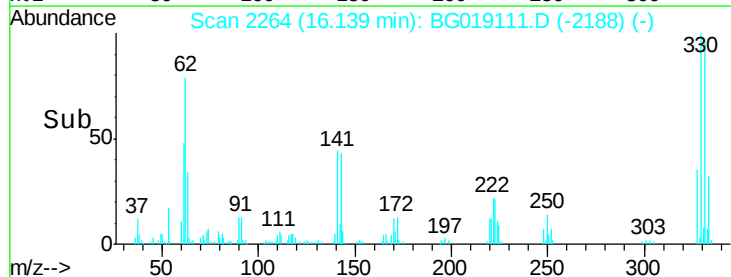
Ion 182.00 (181.70 to 182.70): E

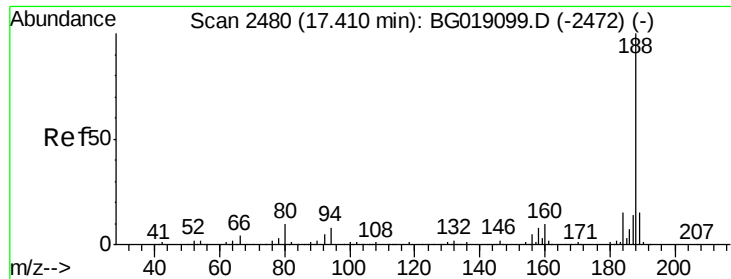
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

16.14

Time-->

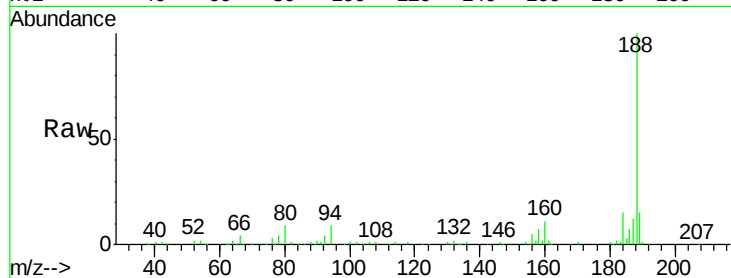




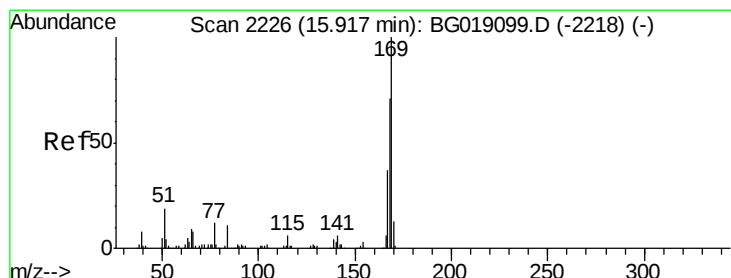
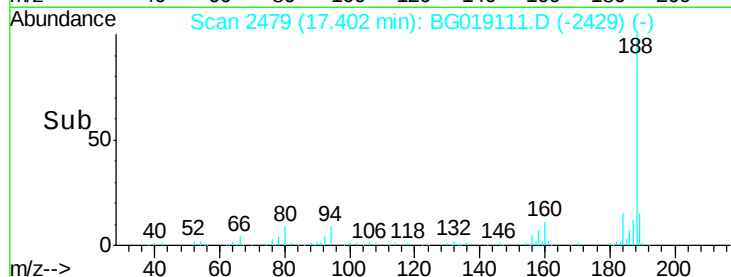
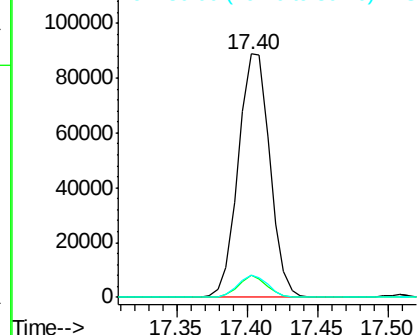
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.40 min Scan# 2479
Delta R.T. -0.01 min
Lab File: BG019111.D
Acq: 10 Oct 2015 11:07

Instrument :
BNA_G
ClientSampleId :
PB85979BL

Tot Ion:188 Resp: 138562
Ion Ratio Lower Upper
188 100
94 9.1 6.4 9.6
80 9.3 7.6 11.4

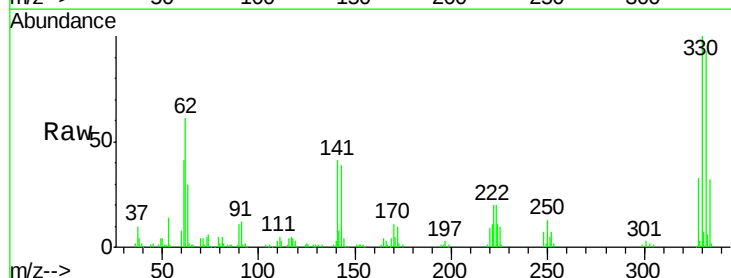


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

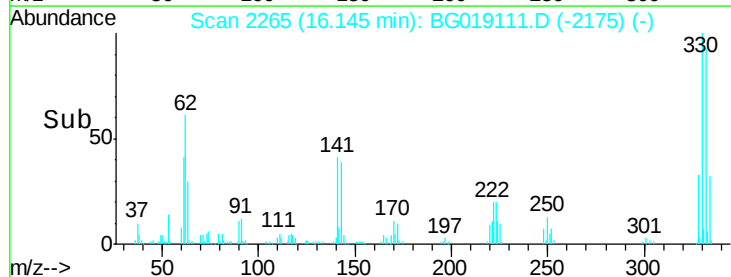
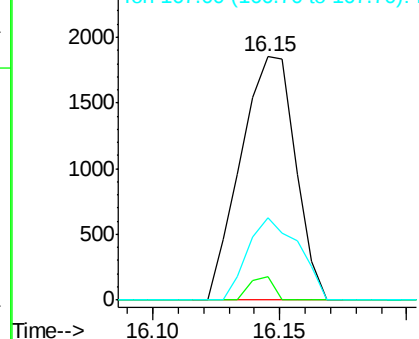


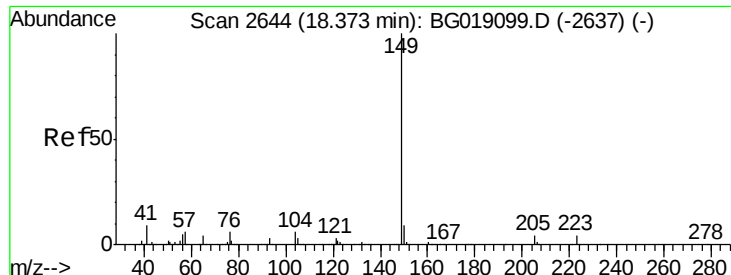
#65
n-Nitrosodiphenylamine
Concen: 0.73 ng
RT: 16.15 min Scan# 2265
Delta R.T. 0.23 min
Lab File: BG019111.D
Acq: 10 Oct 2015 11:07

Tgt Ion:169 Resp: 2784
Ion Ratio Lower Upper
169 100
168 9.6 56.6 84.8#
167 34.0 30.0 45.0



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

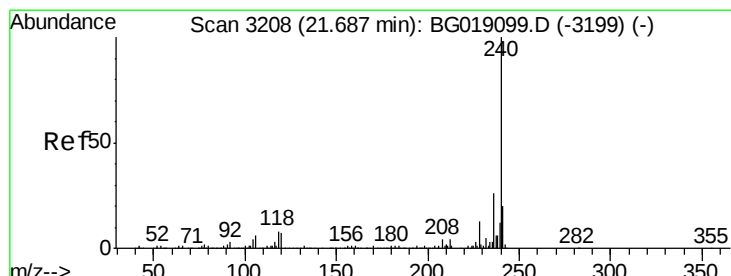
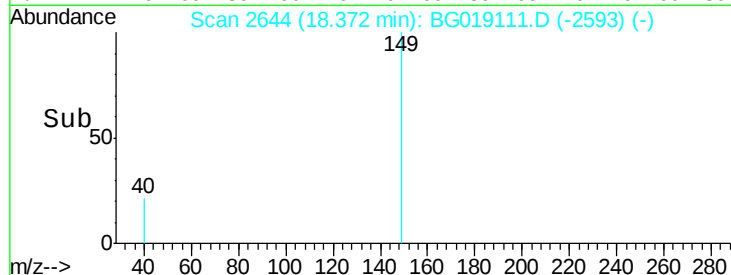
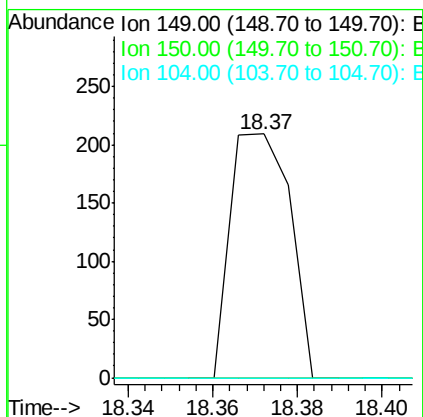
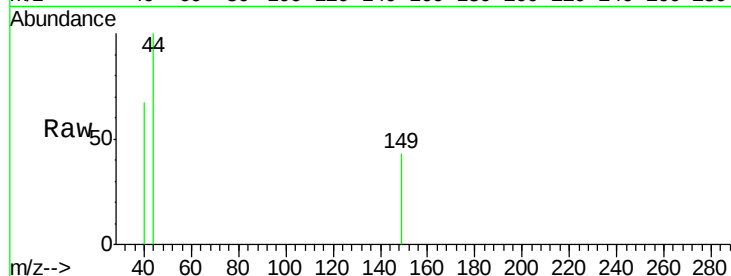




#73
Di-n-butylphthalate
Concen: 0.03 ng
RT: 18.37 min Scan# 2644
Delta R.T. -0.00 min
Lab File: BG019111.D
Acq: 10 Oct 2015 11:07

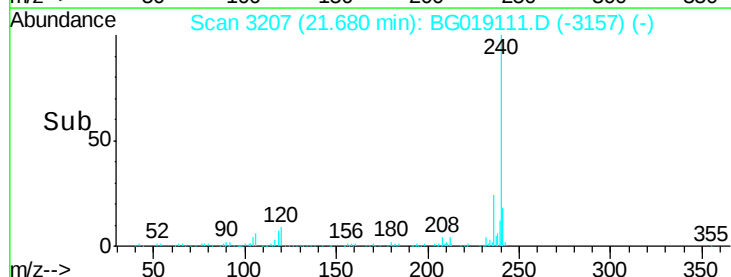
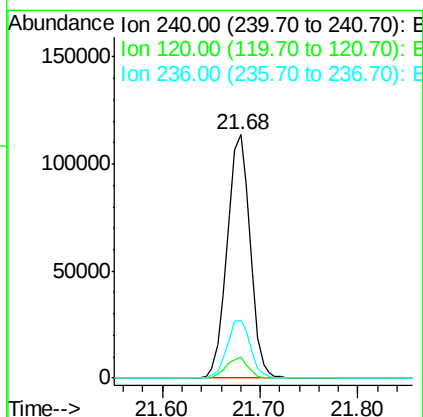
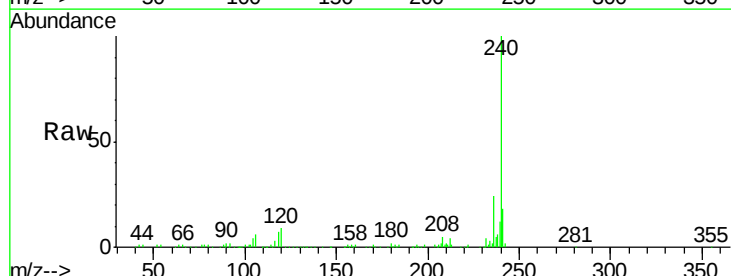
Instrument :
BNA_G
ClientSampled :
PB85979BL

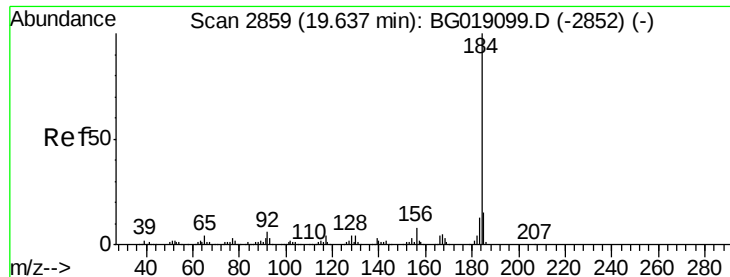
Tot Ion:149 Resp: 205
Ion Ratio Lower Upper
149 100
150 0.0 7.5 11.3#
104 0.0 5.0 7.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.68 min Scan# 3207
Delta R.T. -0.01 min
Lab File: BG019111.D
Acq: 10 Oct 2015 11:07

Tgt Ion:240 Resp: 185791
Ion Ratio Lower Upper
240 100
120 8.6 5.8 8.6
236 24.1 21.2 31.8

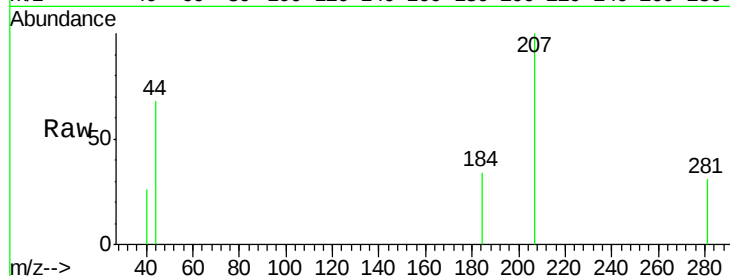




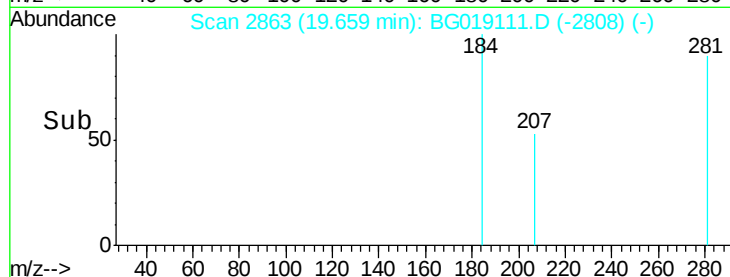
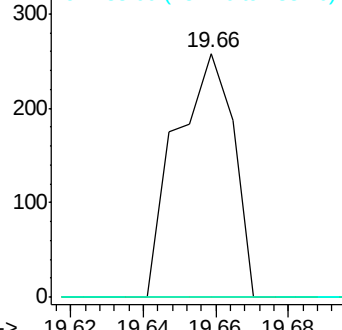
#76
Benzidine
Concen: 0.06 ng
RT: 19.66 min Scan# 2863
Delta R.T. 0.02 min
Lab File: BG019111.D
Acq: 10 Oct 2015 11:07

Instrument :
BNA_G
ClientSampleId :
PB85979BL

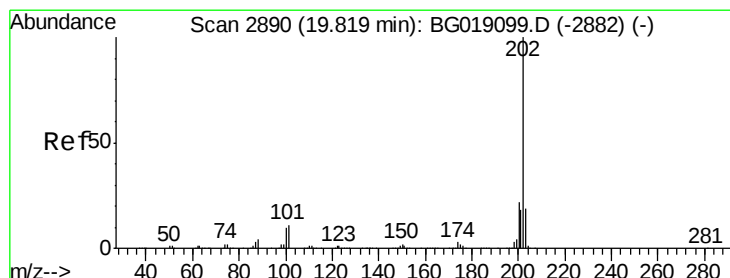
Tot Ion:184 Resp: 283
Ion Ratio Lower Upper
184 100
185 0.0 11.9 17.9#
183 0.0 10.1 15.1#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

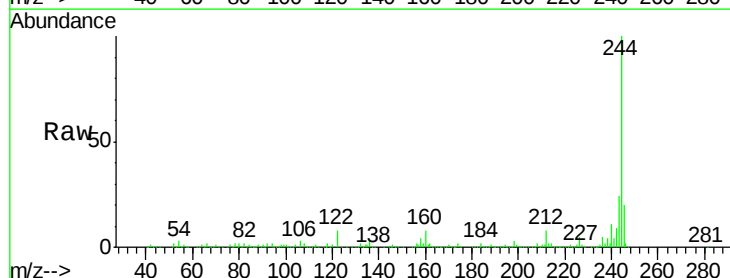


Time--> 19.62 19.64 19.66 19.68

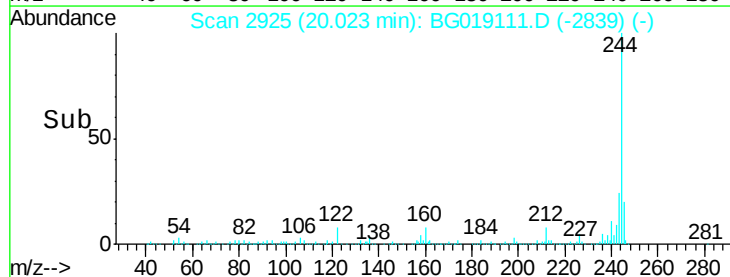
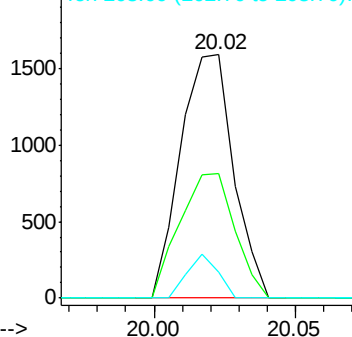


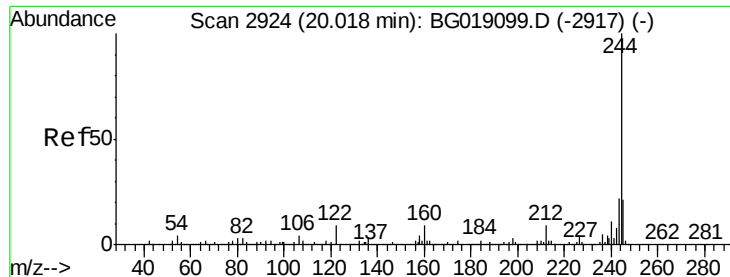
#77
Pyrene
Concen: 0.20 ng
RT: 20.02 min Scan# 2925
Delta R.T. 0.20 min
Lab File: BG019111.D
Acq: 10 Oct 2015 11:07

Tgt Ion:202 Resp: 2069
Ion Ratio Lower Upper
202 100
200 51.0 17.4 26.2#
203 10.9 14.8 22.2#



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: 76.64 ng

RT: 20.02 min Scan# 2924

Delta R.T. -0.00 min

Lab File: BG019111.D

Acq: 10 Oct 2015 11:07

Instrument :

BNA_G

ClientSampled :

PB85979BL

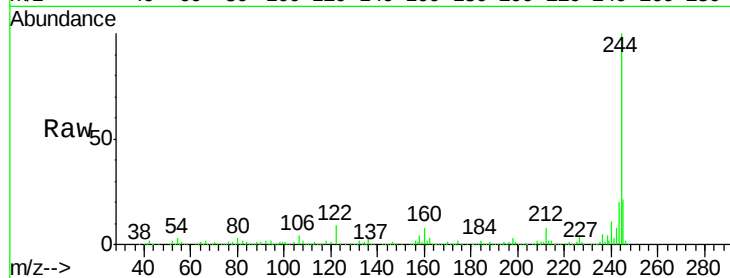
Tot Ion:244 Resp: 539060

Ion Ratio Lower Upper

244 100

212 8.2 6.8 10.2

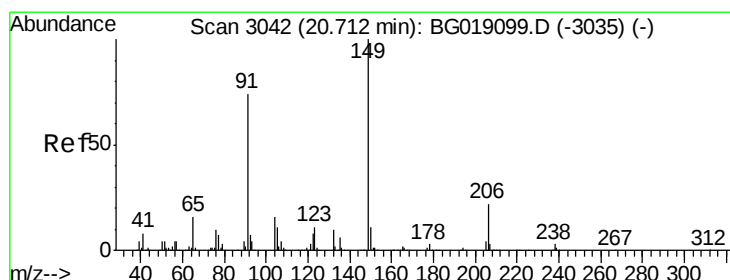
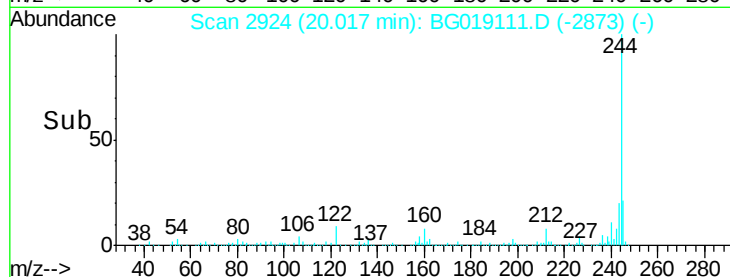
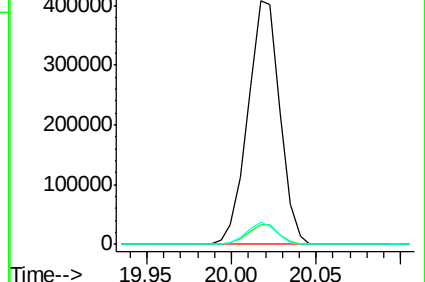
122 9.1 7.4 11.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 0.01 ng

RT: 20.84 min Scan# 3064

Delta R.T. 0.13 min

Lab File: BG019111.D

Acq: 10 Oct 2015 11:07

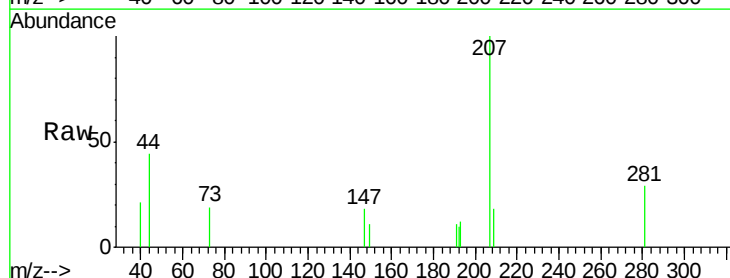
Tgt Ion:149 Resp: 63

Ion Ratio Lower Upper

149 100

91 0.0 59.2 88.8#

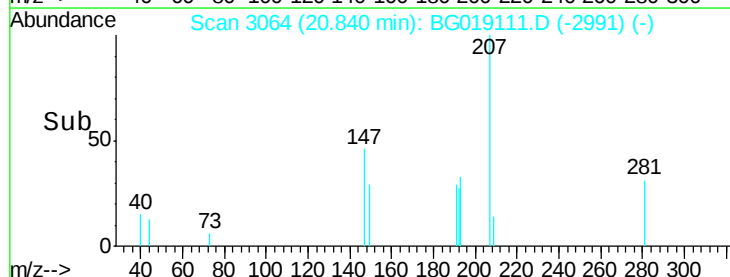
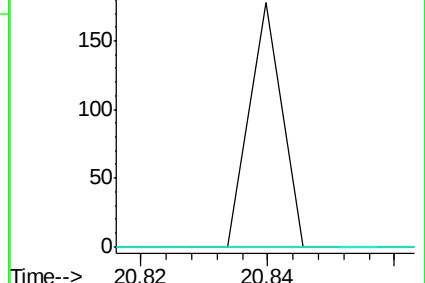
206 0.0 17.5 26.3#

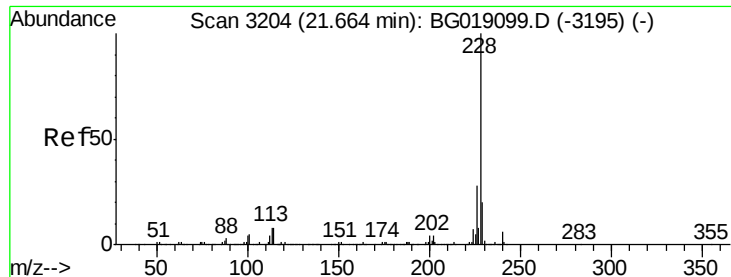


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.08 ng

RT: 21.67 min Scan# 3205

Delta R.T. 0.00 min

Lab File: BG019111.D

Acq: 10 Oct 2015 11:07

Instrument :

BNA_G

ClientSampleId :

PB85979BL

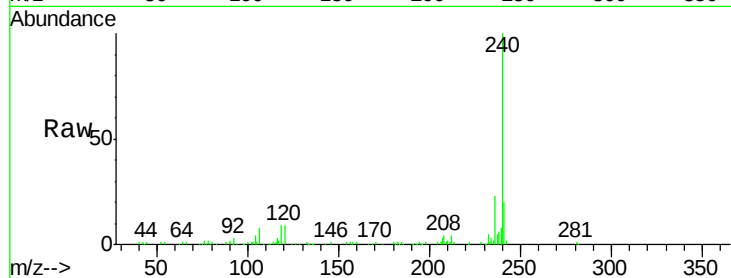
Tot Ion:228 Resp: 747

Ion Ratio Lower Upper

228 100

226 0.0 22.4 33.6#

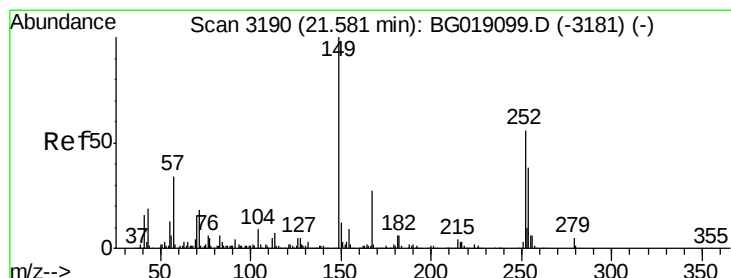
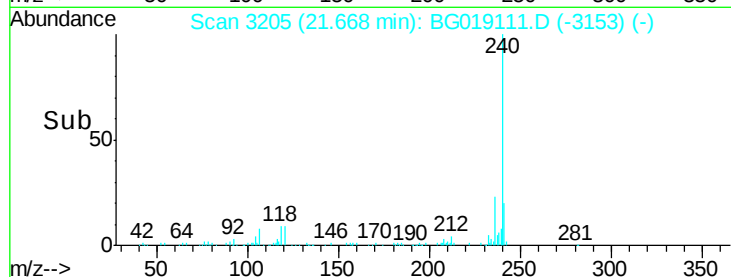
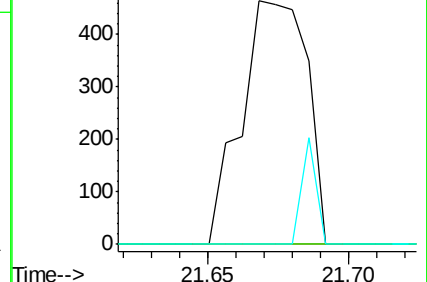
229 0.0 16.2 24.2#



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



#81

3,3'-Dichlorobenzidine

Concen: 0.04 ng

RT: 21.59 min Scan# 3191

Delta R.T. 0.00 min

Lab File: BG019111.D

Acq: 10 Oct 2015 11:07

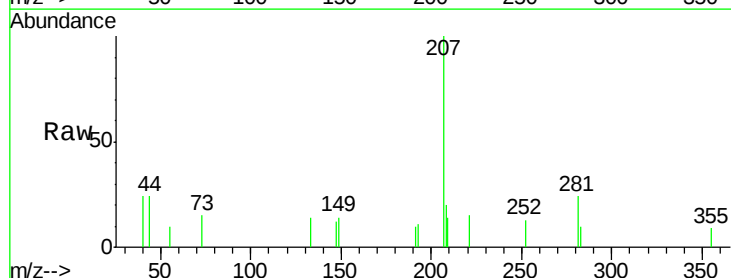
Tgt Ion:252 Resp: 136

Ion Ratio Lower Upper

252 100

254 0.0 53.9 80.9#

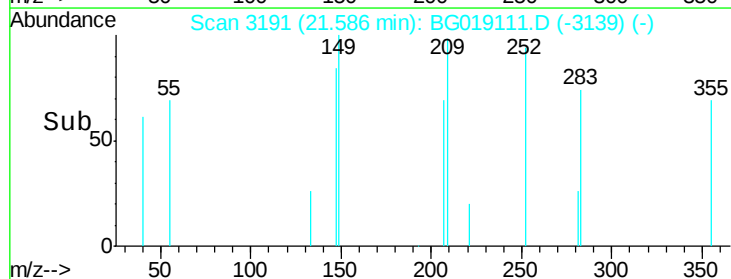
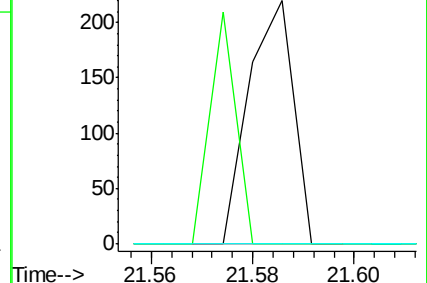
126 0.0 7.0 10.6#

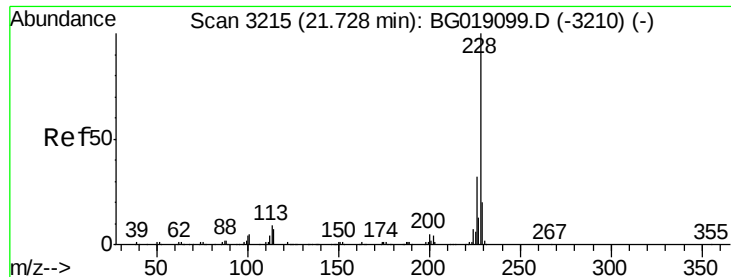


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 0.08 ng

RT: 21.67 min Scan# 3205

Delta R.T. -0.06 min

Lab File: BG019111.D

Acq: 10 Oct 2015 11:07

Instrument :

BNA_G

ClientSampleId :

PB85979BL

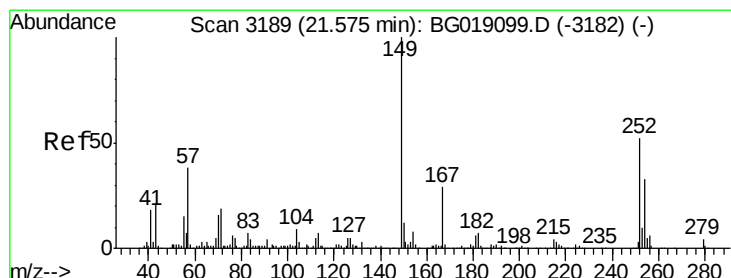
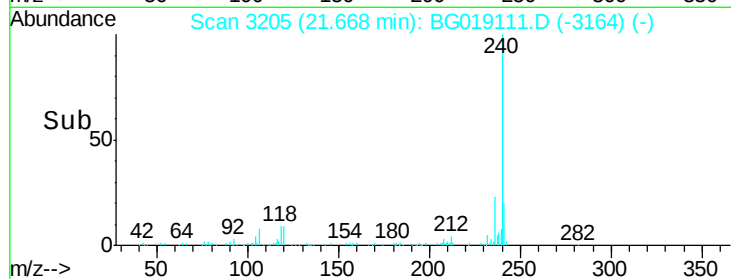
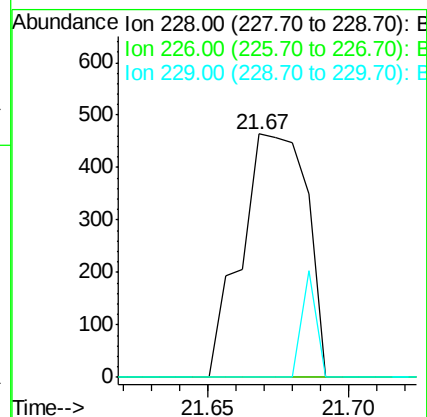
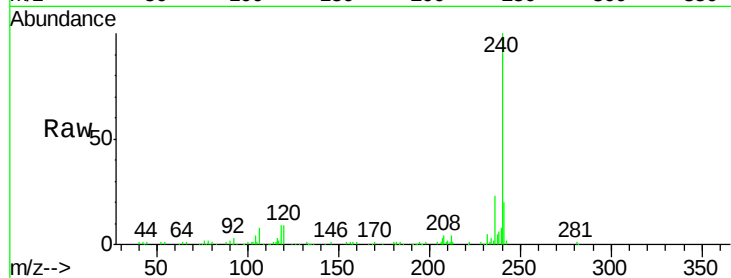
Tot Ion:228 Resp: 747

Ion Ratio Lower Upper

228 100

226 0.0 25.2 37.8#

229 0.0 16.3 24.5#



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.08 ng

RT: 21.57 min Scan# 3189

Delta R.T. -0.00 min

Lab File: BG019111.D

Acq: 10 Oct 2015 11:07

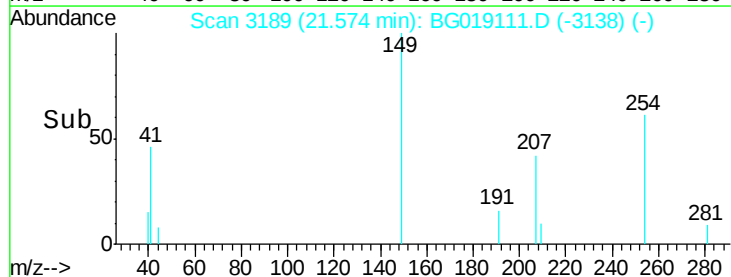
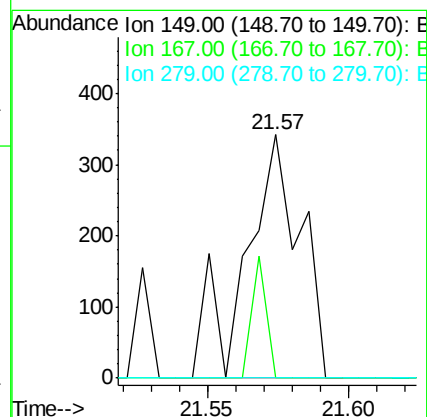
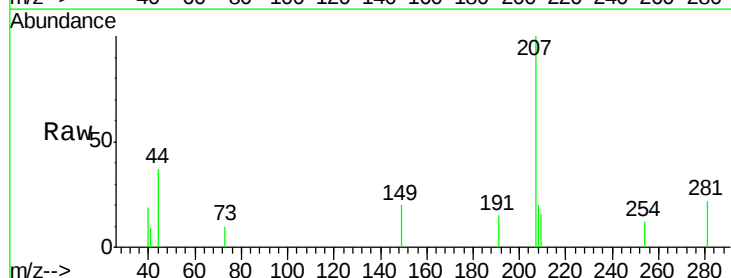
Tgt Ion:149 Resp: 462

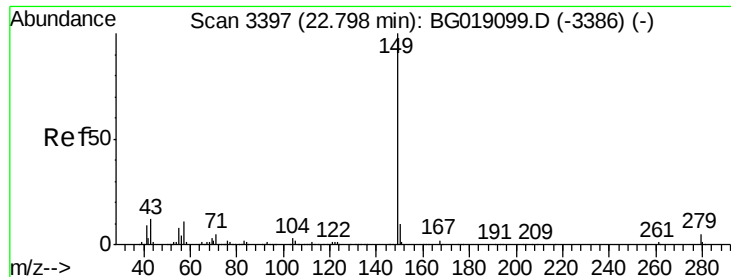
Ion Ratio Lower Upper

149 100

167 0.0 22.8 34.2#

279 0.0 3.6 5.4#

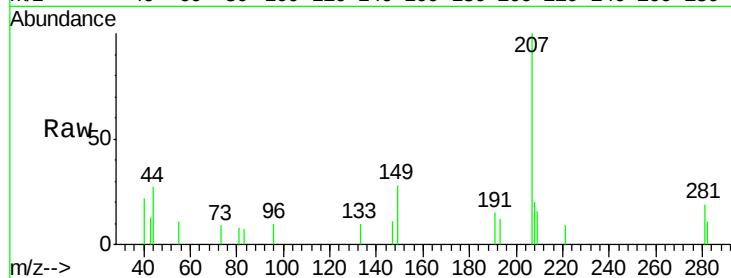




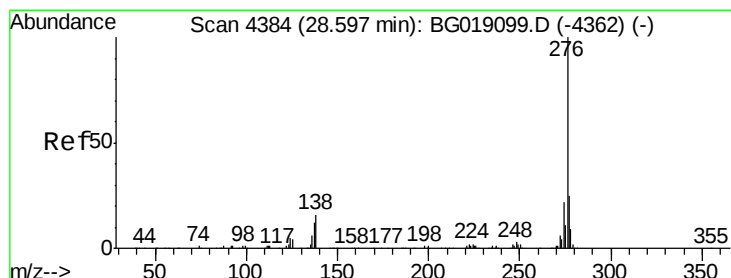
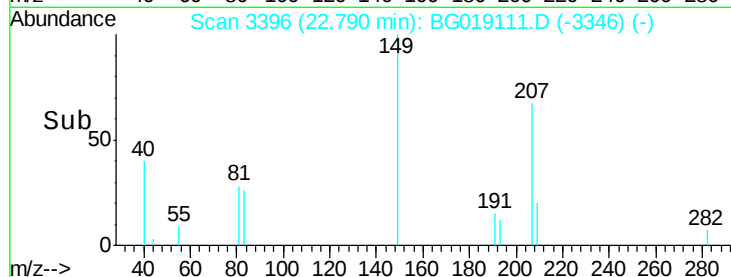
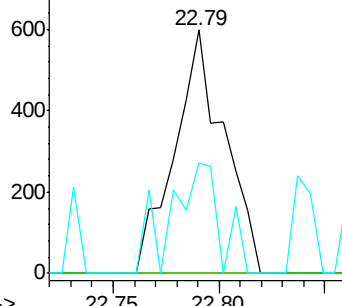
#84
Di-n-octyl phthalate
Concen: 0.10 ng
RT: 22.79 min Scan# 3396
Delta R.T. -0.01 min
Lab File: BG019111.D
Acq: 10 Oct 2015 11:07

Instrument :
BNA_G
ClientSampleId :
PB85979BL

Tot Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	38.3	10.1	15.1#

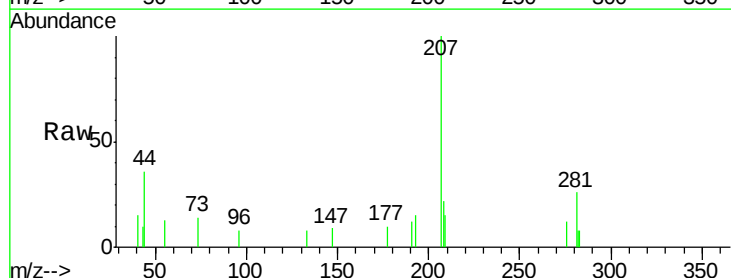


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

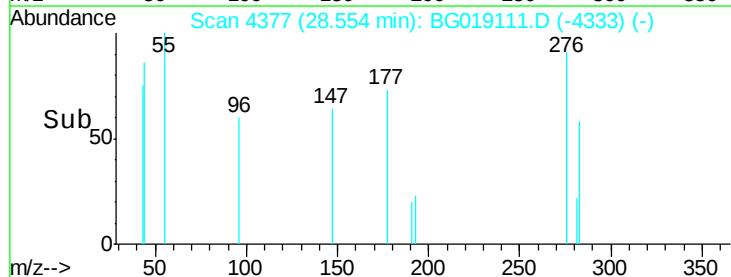
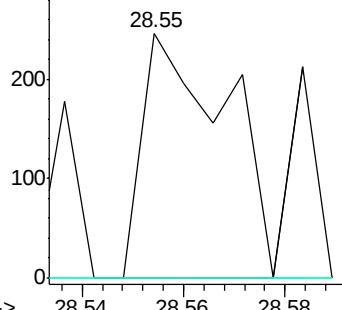


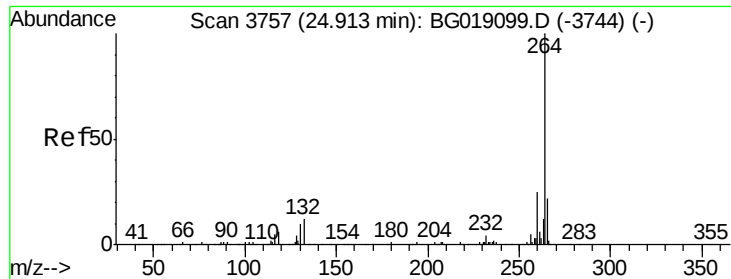
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.02 ng
RT: 28.55 min Scan# 4377
Delta R.T. -0.04 min
Lab File: BG019111.D
Acq: 10 Oct 2015 11:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	10.2	15.4#
277	0.0	20.2	30.4#



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

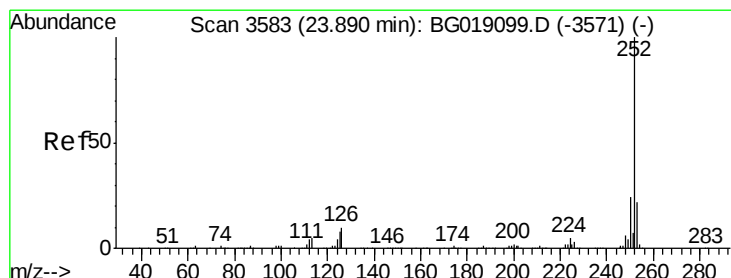
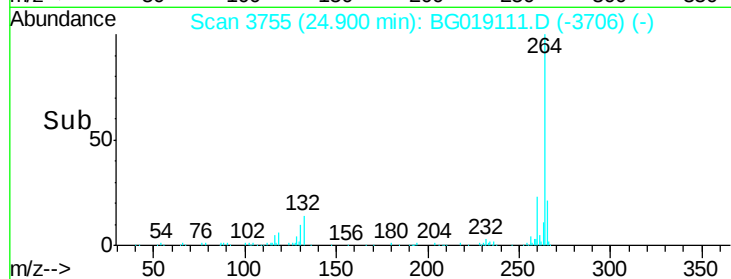
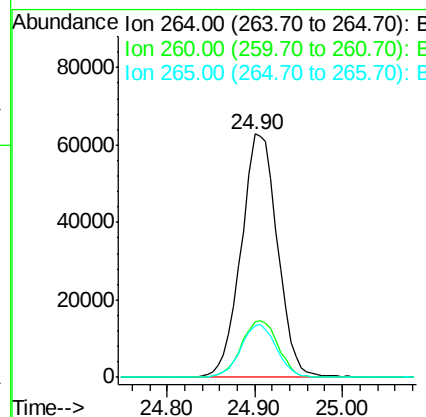
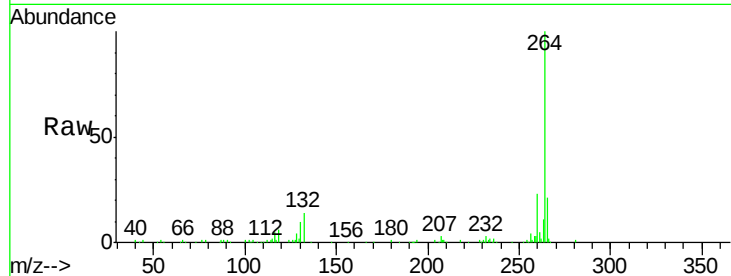




#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.90 min Scan# 3755
Delta R.T. -0.01 min
Lab File: BG019111.D
Acq: 10 Oct 2015 11:07

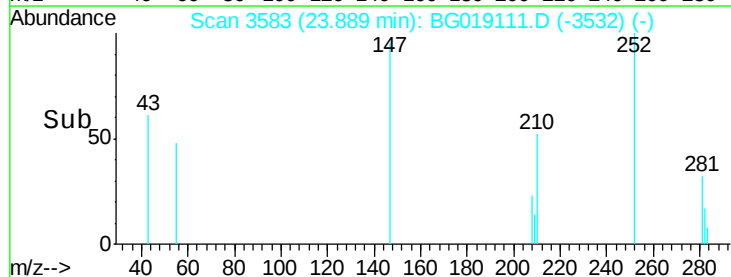
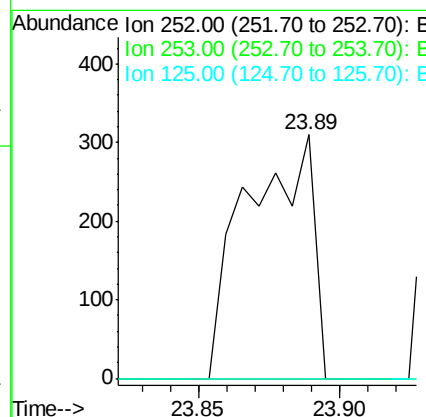
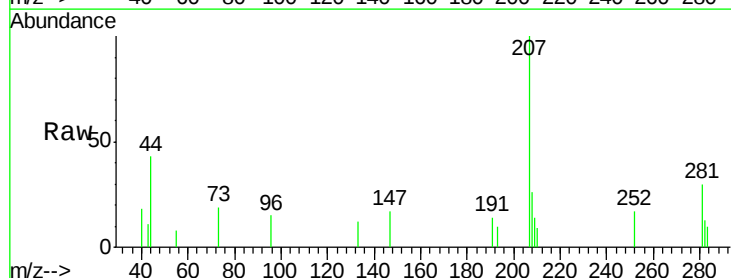
Instrument :
BNA_G
ClientSampleId :
PB85979BL

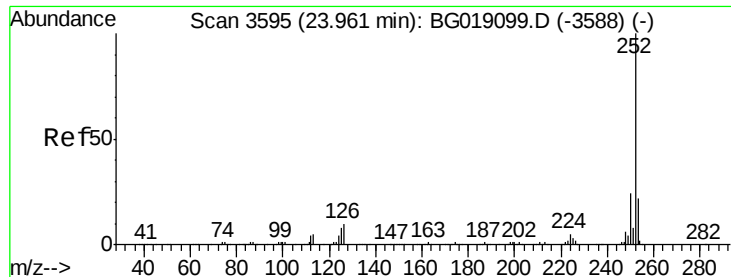
Tot Ion:264 Resp: 177106
Ion Ratio Lower Upper
264 100
260 22.9 20.1 30.1
265 21.0 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 0.05 ng
RT: 23.89 min Scan# 3583
Delta R.T. -0.00 min
Lab File: BG019111.D
Acq: 10 Oct 2015 11:07

Tgt Ion:252 Resp: 506
Ion Ratio Lower Upper
252 100
253 0.0 17.5 26.3#
125 0.0 6.6 9.8#

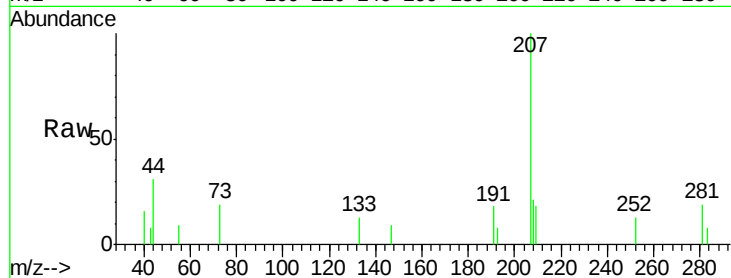




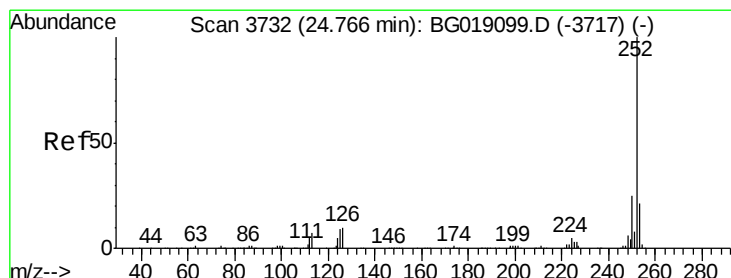
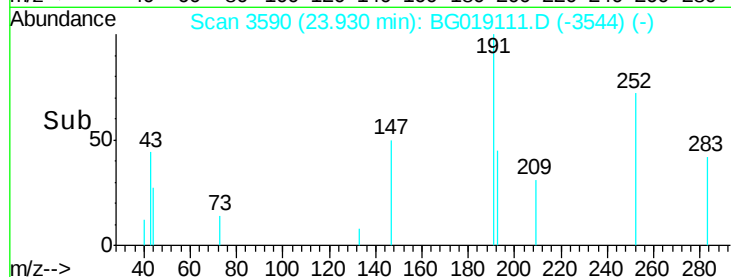
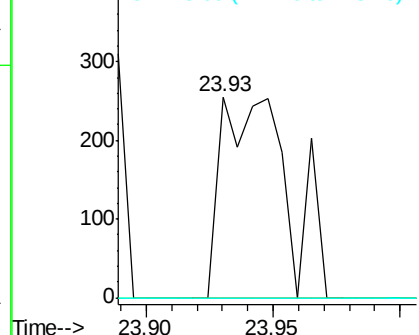
#88
Benzo(k)fluoranthene
Concen: 0.05 ng
RT: 23.93 min Scan# 3590
Delta R.T. -0.03 min
Lab File: BG019111.D
Acq: 10 Oct 2015 11:07

Instrument :
BNA_G
ClientSampleId :
PB85979BL

Tot Ion:252 Resp: 469
Ion Ratio Lower Upper
252 100
253 0.0 17.0 25.4#
125 0.0 6.4 9.6#

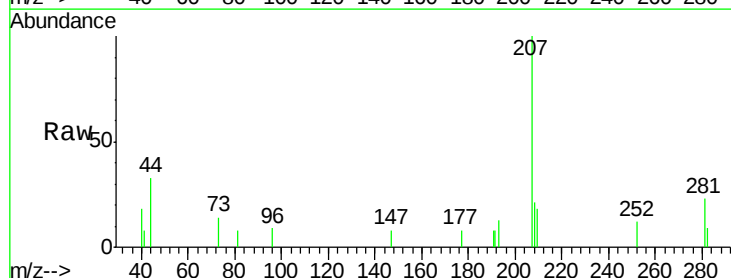


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

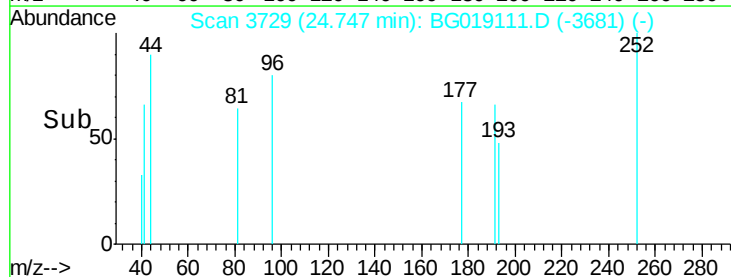
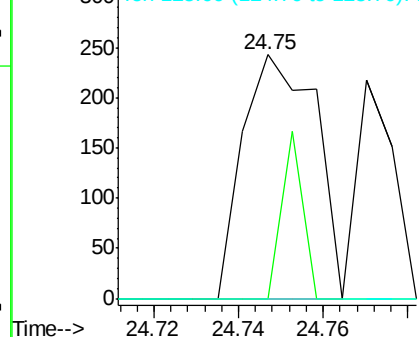


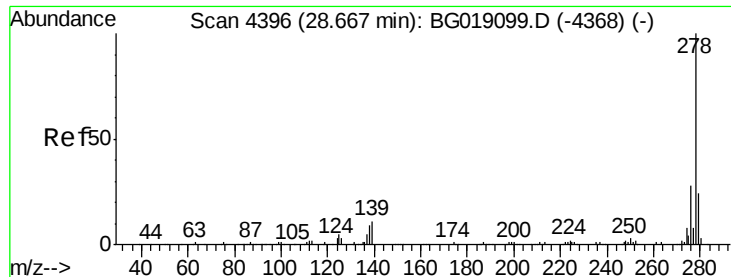
#89
Benzo(a)pyrene
Concen: 0.03 ng
RT: 24.75 min Scan# 3729
Delta R.T. -0.02 min
Lab File: BG019111.D
Acq: 10 Oct 2015 11:07

Tgt Ion:252 Resp: 291
Ion Ratio Lower Upper
252 100
253 0.0 17.0 25.4#
125 0.0 7.2 10.8#



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





#90

Dibenzo(a,h)anthracene

Concen: 0.02 ng

RT: 28.65 min Scan# 4393

Delta R.T. -0.02 min

Lab File: BG019111.D

Acq: 10 Oct 2015 11:07

Instrument :

BNA_G

ClientSampleId :

PB85979BL

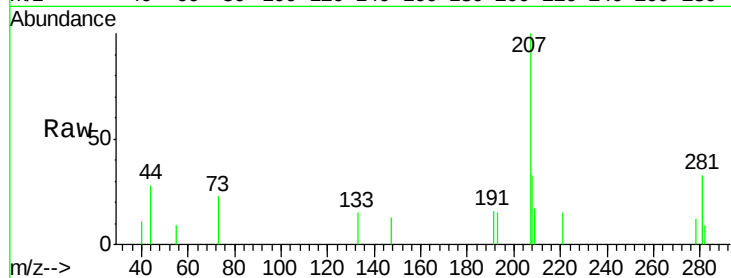
Tot Ion:278 Resp: 196

Ion Ratio Lower Upper

278 100

139 0.0 8.6 12.8#

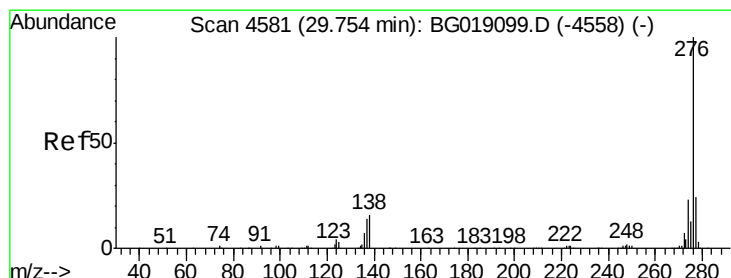
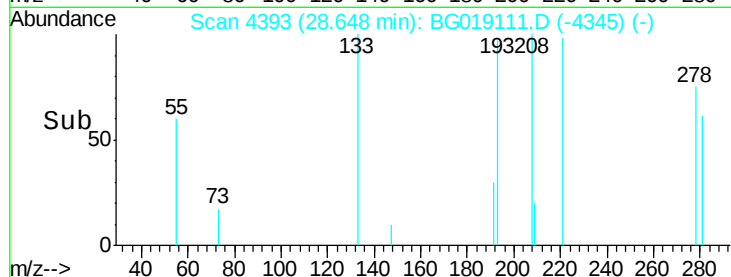
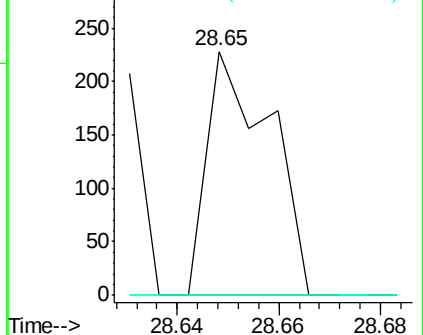
279 0.0 19.5 29.3#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 0.02 ng

RT: 29.73 min Scan# 4577

Delta R.T. -0.02 min

Lab File: BG019111.D

Acq: 10 Oct 2015 11:07

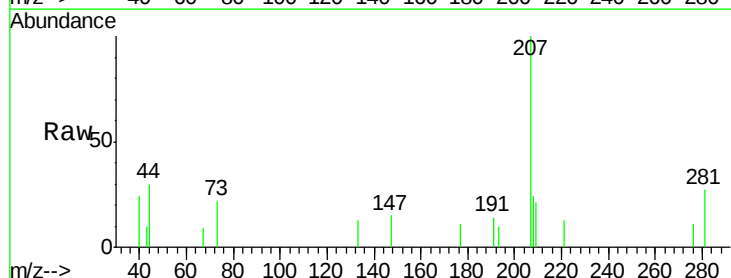
Tgt Ion:276 Resp: 209

Ion Ratio Lower Upper

276 100

277 0.0 19.5 29.3#

138 0.0 13.0 19.6#



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

