

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
 Data File : BG021710.D
 Acq On : 16 Apr 2016 10:06
 Operator : UM/SJ
 Sample : H2558-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-15-6-7

Quant Time: Apr 18 02:08:34 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

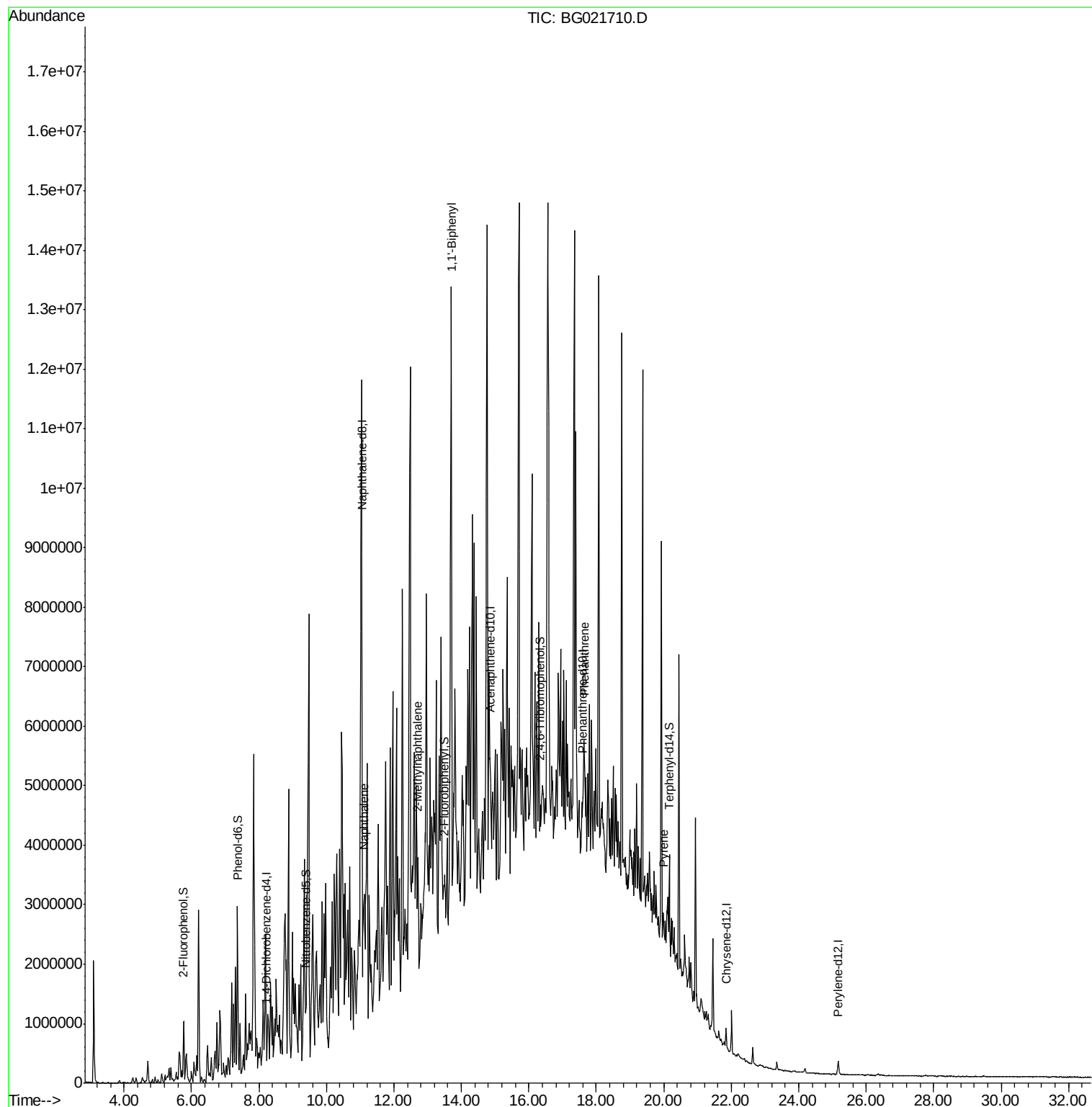
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	33366	20.00	ng	0.00
21) Naphthalene-d8	11.05	136	141414	20.00	ng	0.02
38) Acenaphthene-d10	14.86	164	107216	20.00	ng	0.03
63) Phenanthrene-d10	17.59	188	177178	20.00	ng	0.03
75) Chrysene-d12	21.85	240	195878	20.00	ng	0.01
86) Perylene-d12	25.17	264	205009	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	206071	102.85	ng	0.00
7) Phenol-d6	7.38	99	291981	97.56	ng	0.02
23) Nitrobenzene-d5	9.39	82	321838	116.98	ng	0.00
41) 2,4,6-Tribromophenol	16.34	330	127173	110.06	ng	0.04
44) 2-Fluorobiphenyl	13.48	172	454619	62.13	ng	0.02
78) Terphenyl-d14	20.17	244	606776	77.29	ng	0.02
Target Compounds						
31) Naphthalene	11.11	128	437004	57.74	ng	# 73
37) 2-Methylnaphthalene	12.71	142	850287	163.66	ng	# 94
45) 1,1'-Biphenyl	13.69	154	322510	35.70	ng	# 99
70) Phenanthrene	17.63	178	125234	12.82	ng	# 79
77) Pyrene	19.99	202	156220	13.83	ng	# 90

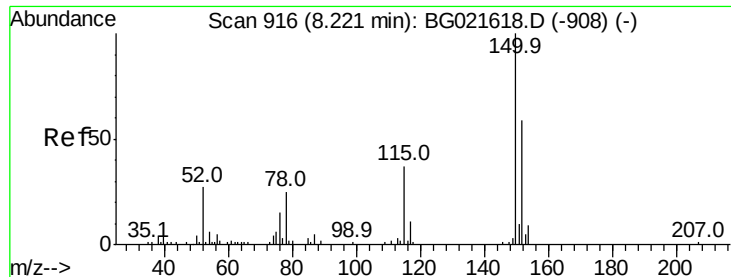
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.22 min Scan# 916

Delta R.T. 0.00 min

Lab File: BG021710.D

Acq: 16 Apr 2016 10:06

Instrument :

BNA_G

ClientSampleId :

SB-15-6-7

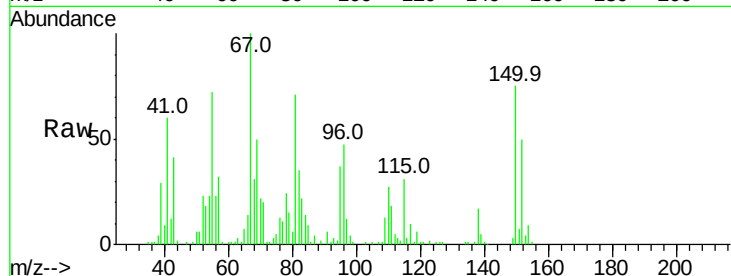
Tot Ion:152 Resp: 33366

Ion Ratio Lower Upper

152 100

150 151.5 130.1 195.1

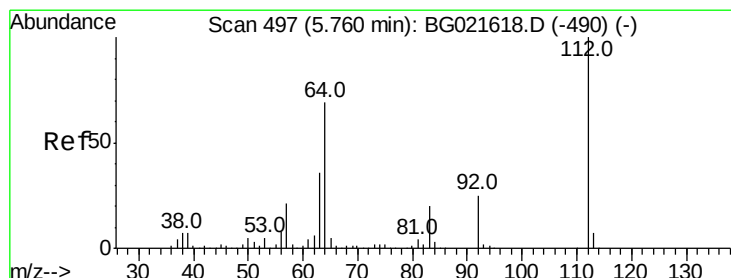
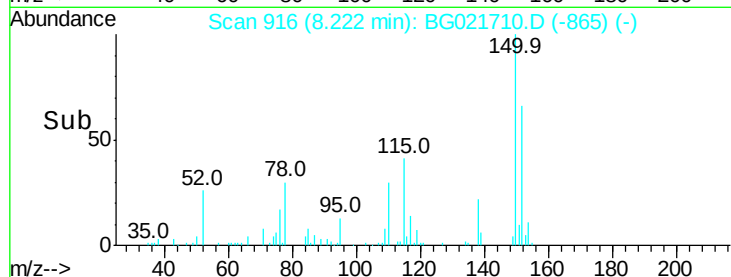
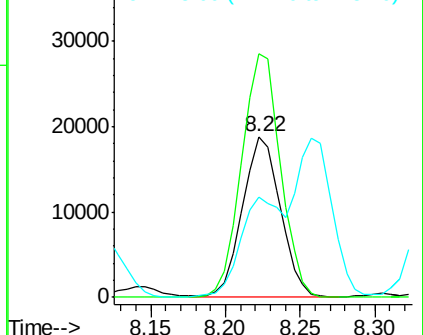
115 62.0 62.2 93.2#



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



#5

2-Fluorophenol

Concen: 102.85 ng

RT: 5.77 min Scan# 498

Delta R.T. 0.01 min

Lab File: BG021710.D

Acq: 16 Apr 2016 10:06

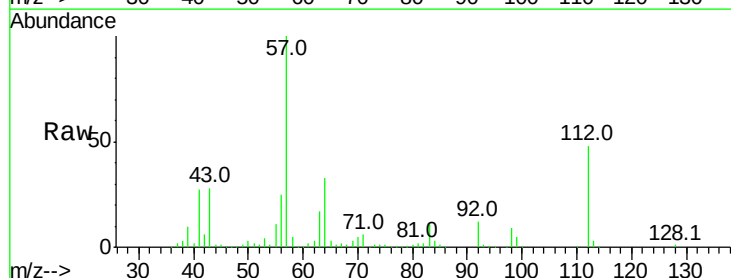
Tgt Ion:112 Resp: 206071

Ion Ratio Lower Upper

112 100

64 68.7 51.1 76.7

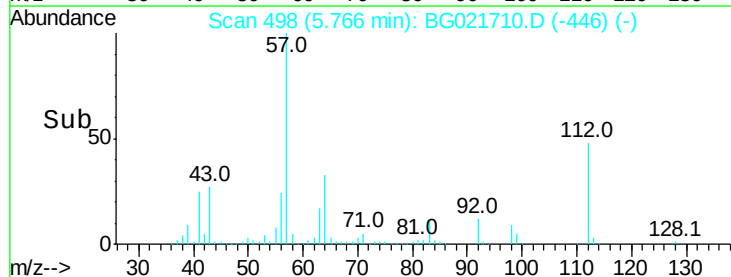
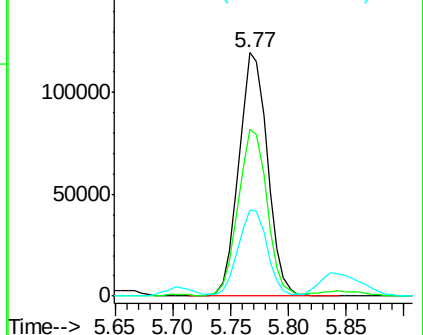
63 35.5 24.6 37.0

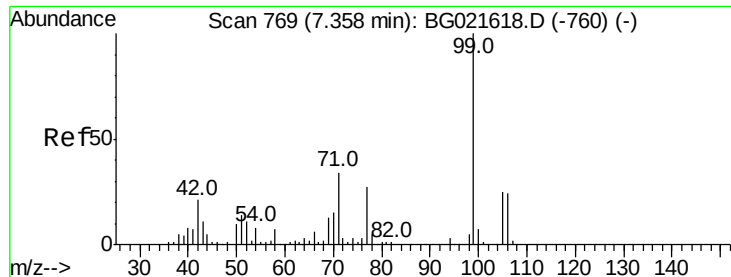


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 97.56 ng

RT: 7.38 min Scan# 772

Delta R.T. 0.02 min

Lab File: BG021710.D

Acq: 16 Apr 2016 10:06

Instrument :

BNA_G

ClientSampled :

SB-15-6-7

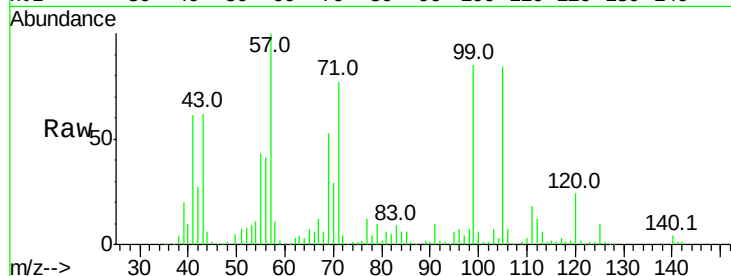
Tot Ion: 99 Resp: 291981

Ion Ratio Lower Upper

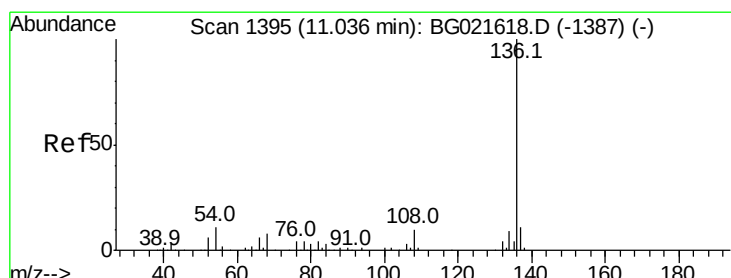
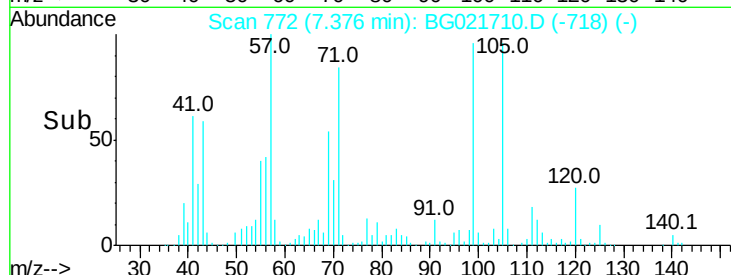
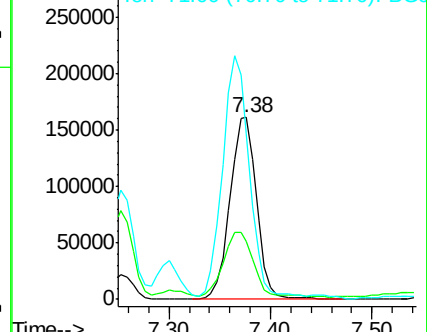
99 100

42 31.7 16.4 24.6#

71 91.1 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.05 min Scan# 1398

Delta R.T. 0.02 min

Lab File: BG021710.D

Acq: 16 Apr 2016 10:06

Tgt Ion:136 Resp: 141414

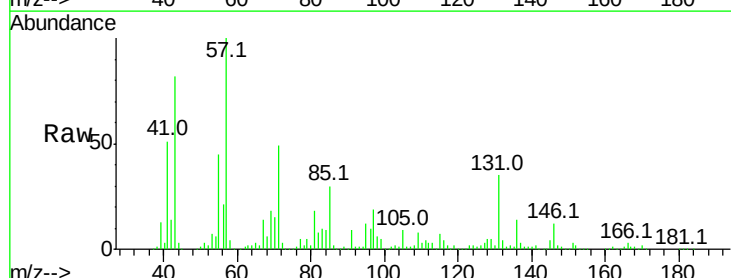
Ion Ratio Lower Upper

136 100

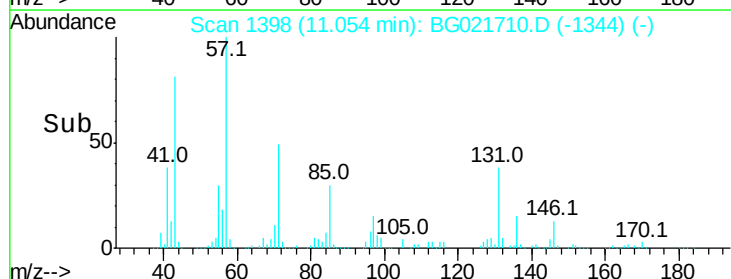
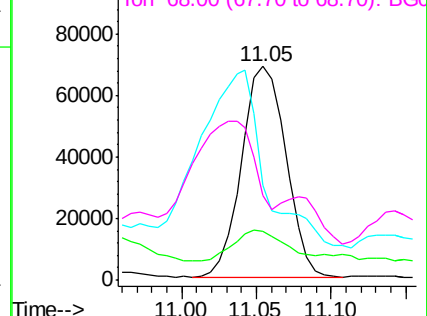
137 22.7 9.0 13.4#

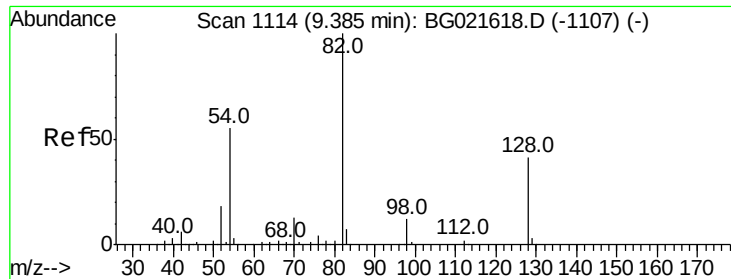
54 44.6 9.6 14.4#

68 39.6 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

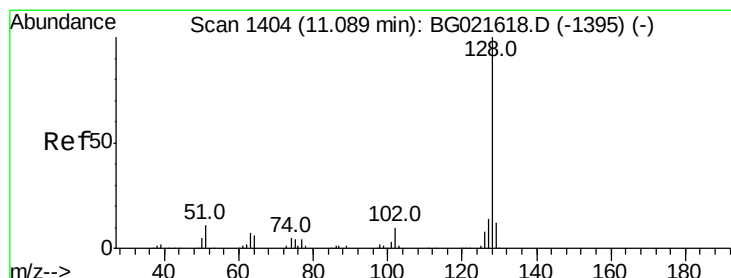
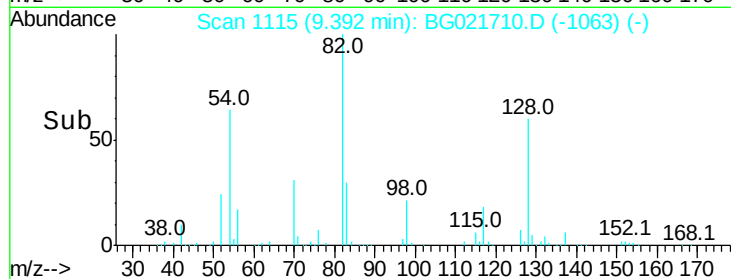
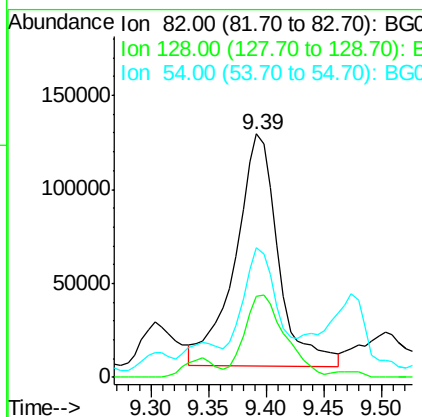
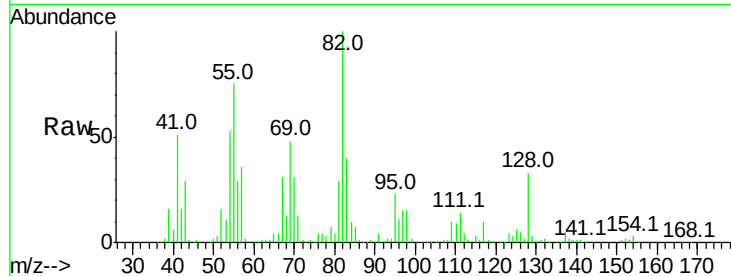




#23
 Nitrobenzene-d5
 Concen: 116.98 ng
 RT: 9.39 min Scan# 1115
 Delta R.T. 0.01 min
 Lab File: BG021710.D
 Acq: 16 Apr 2016 10:06

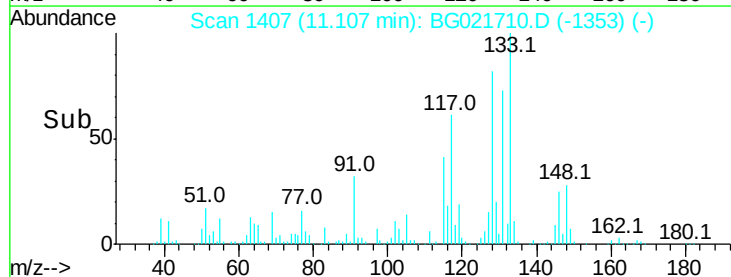
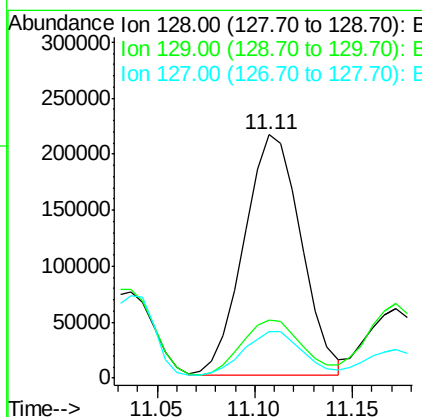
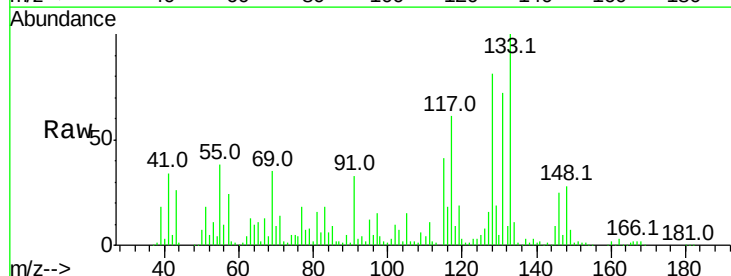
Instrument :
 BNA_G
 ClientSampleId :
 SB-15-6-7

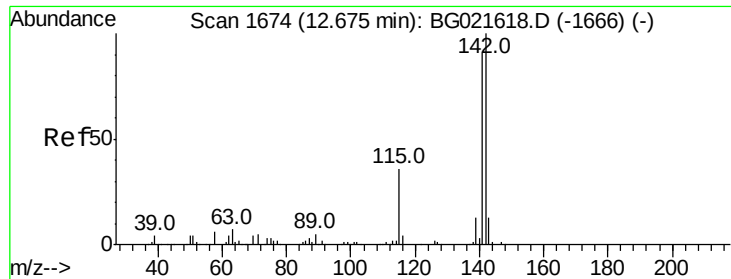
Tot Ion: 82 Resp: 321838
 Ion Ratio Lower Upper
 82 100
 128 33.3 33.4 50.0#
 54 53.1 46.1 69.1



#31
 Naphthalene
 Concen: 57.74 ng
 RT: 11.11 min Scan# 1407
 Delta R.T. 0.02 min
 Lab File: BG021710.D
 Acq: 16 Apr 2016 10:06

Tgt Ion: 128 Resp: 437004
 Ion Ratio Lower Upper
 128 100
 129 24.0 7.0 10.6#
 127 19.2 10.1 15.1#

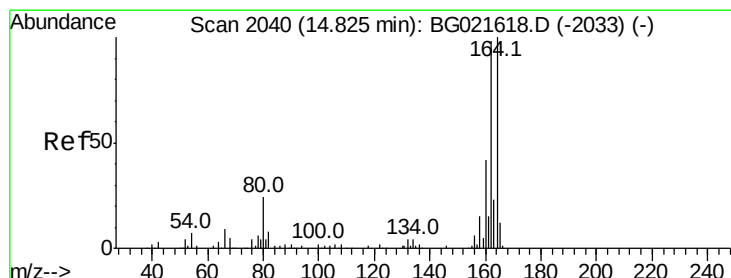
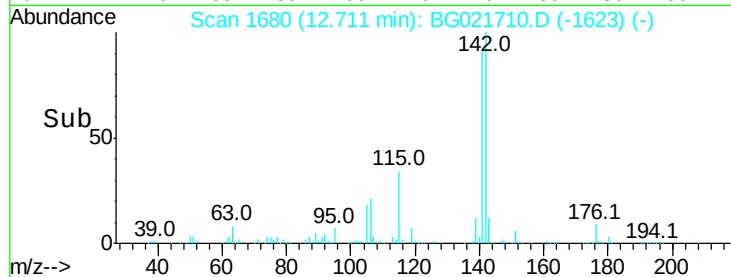
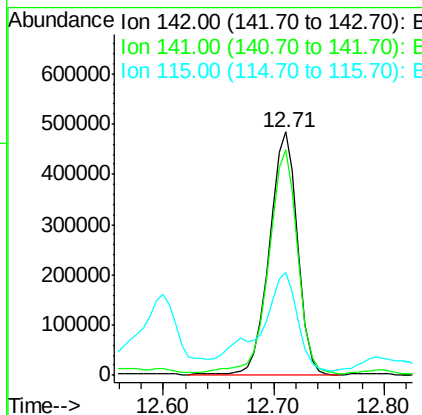
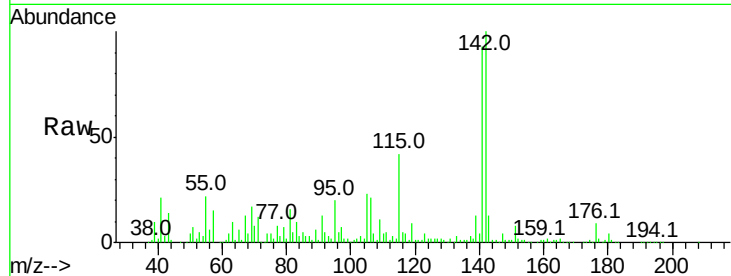




#37
2-Methylnaphthalene
Concen: 163.66 ng
RT: 12.71 min Scan# 1680
Delta R.T. 0.04 min
Lab File: BG021710.D
Acq: 16 Apr 2016 10:06

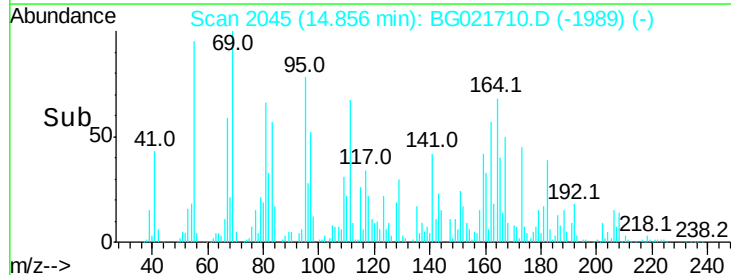
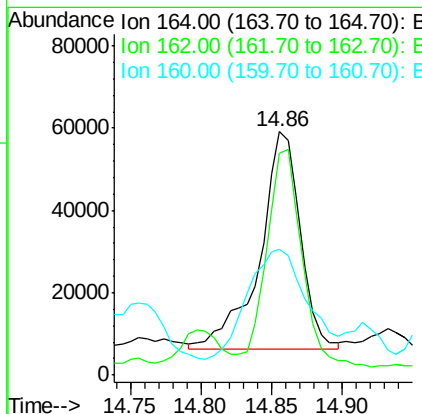
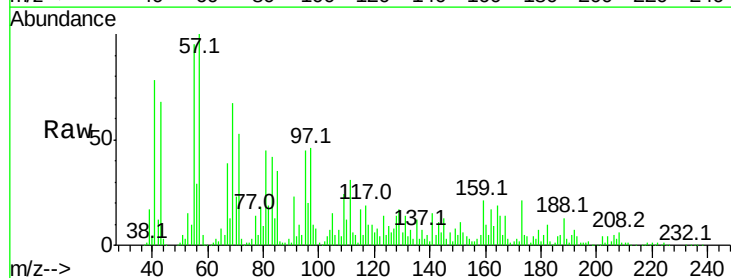
Instrument :
BNA_G
ClientSampleId :
SB-15-6-7

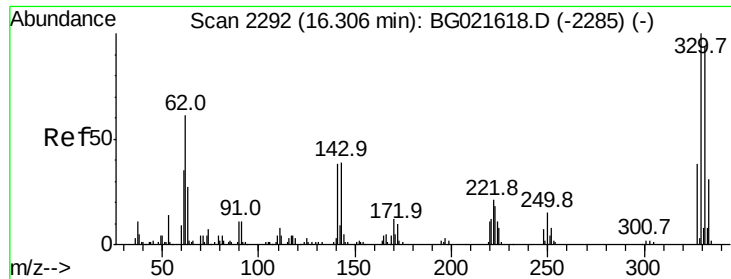
Tot Ion:142 Resp: 850287
Ion Ratio Lower Upper
142 100
141 92.7 71.4 107.0
115 42.0 27.4 41.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.86 min Scan# 2045
Delta R.T. 0.03 min
Lab File: BG021710.D
Acq: 16 Apr 2016 10:06

Tgt Ion:164 Resp: 107216
Ion Ratio Lower Upper
164 100
162 90.9 78.0 117.0
160 51.7 32.9 49.3#

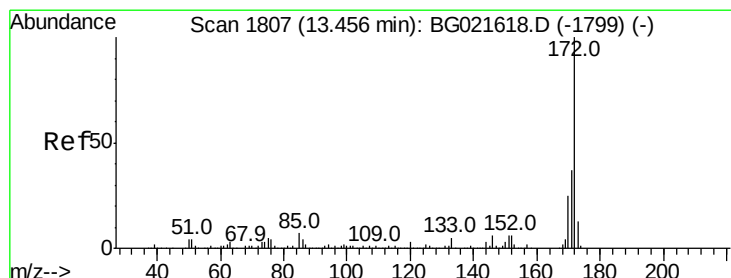
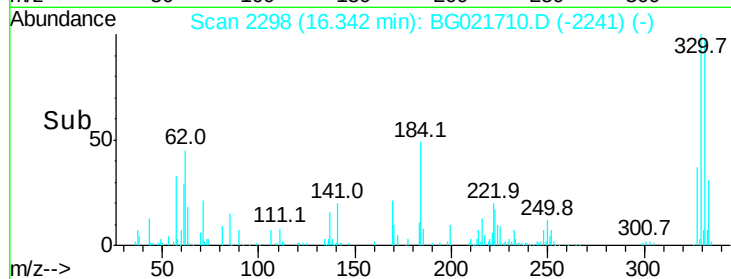
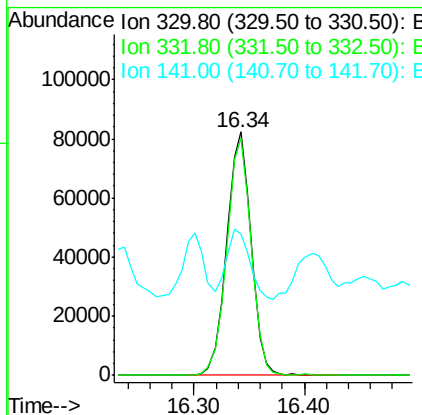
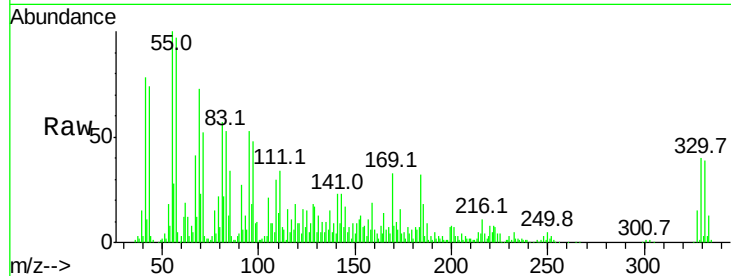




#41
 2,4,6-Tribromophenol
 Concen: 110.06 ng
 RT: 16.34 min Scan# 2298
 Delta R.T. 0.04 min
 Lab File: BG021710.D
 Acq: 16 Apr 2016 10:06

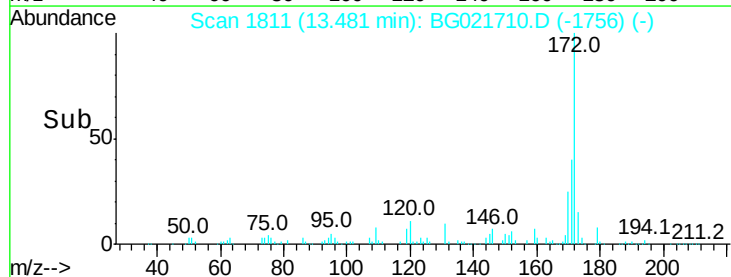
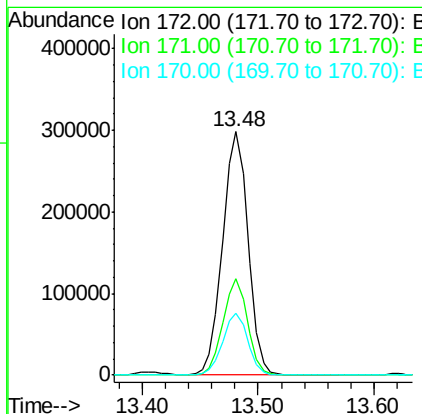
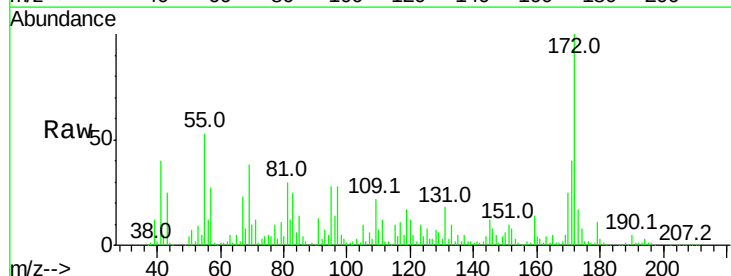
Instrument :
 BNA_G
 ClientSampleId :
 SB-15-6-7

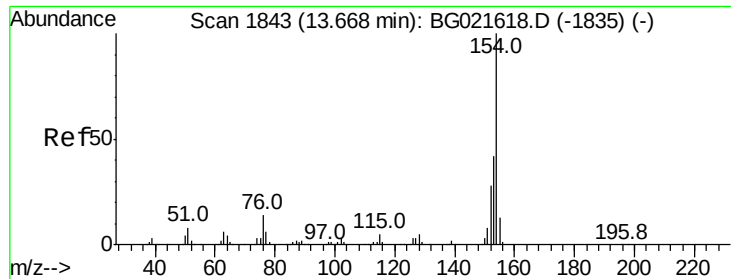
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.0	117.0
141	26.3	33.8	50.8#



#44
 2-Fluorobiphenyl
 Concen: 62.13 ng
 RT: 13.48 min Scan# 1811
 Delta R.T. 0.02 min
 Lab File: BG021710.D
 Acq: 16 Apr 2016 10:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.6	27.8	41.6
170	25.5	19.6	29.4





#45

1,1'-Biphenyl

Concen: 35.70 ng

RT: 13.69 min Scan# 1847

Delta R.T. 0.02 min

Lab File: BG021710.D

Acq: 16 Apr 2016 10:06

Instrument :

BNA_G

ClientSampled :

SB-15-6-7

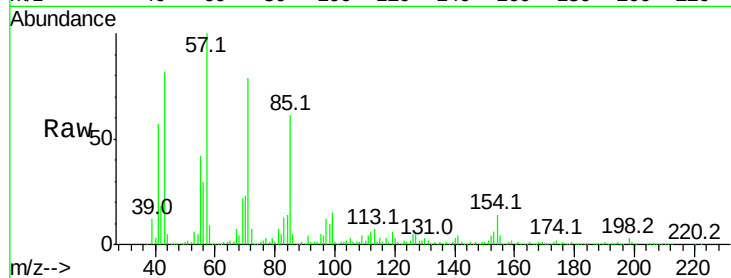
Tot Ion:154 Resp: 322510

Ion Ratio Lower Upper

154 100

153 40.3 19.7 59.7

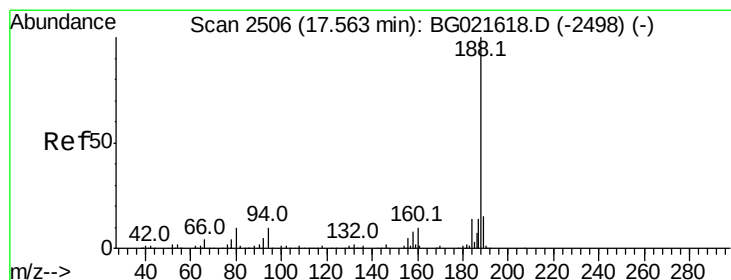
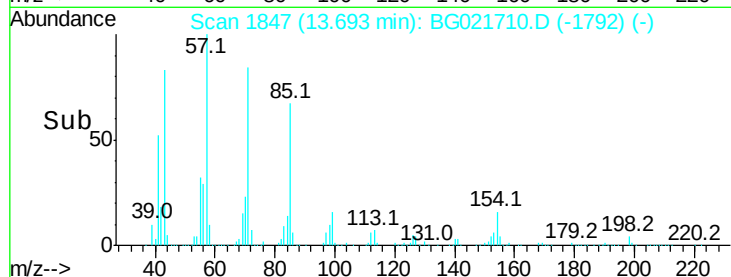
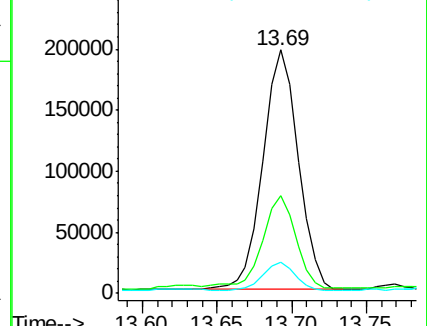
76 12.5 0.0 33.0



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.59 min Scan# 2511

Delta R.T. 0.03 min

Lab File: BG021710.D

Acq: 16 Apr 2016 10:06

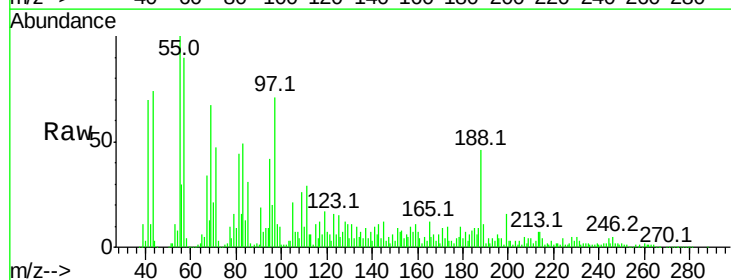
Tgt Ion:188 Resp: 177178

Ion Ratio Lower Upper

188 100

94 18.5 7.5 11.3#

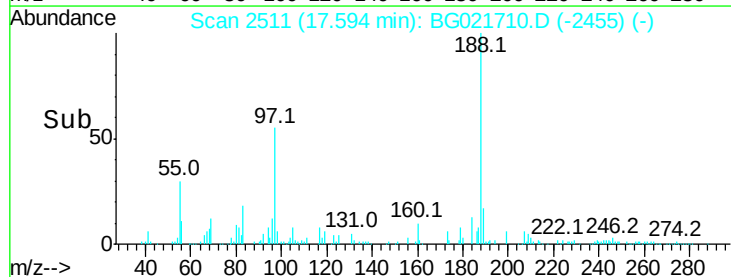
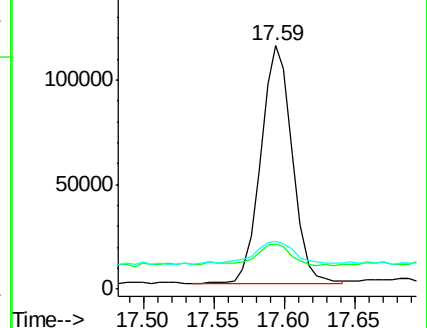
80 19.9 8.6 13.0#

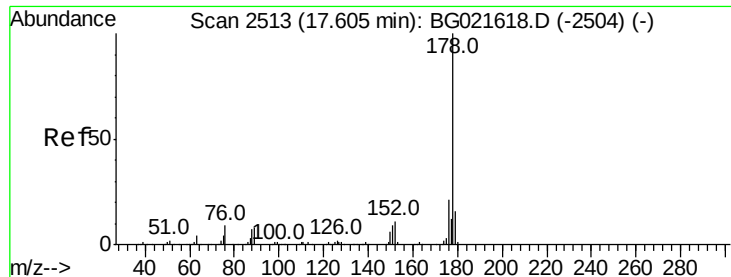


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#70

Phenanthrene

Concen: 12.82 ng

RT: 17.63 min Scan# 2518

Delta R.T. 0.03 min

Lab File: BG021710.D

Acq: 16 Apr 2016 10:06

Instrument :

BNA_G

ClientSampleId :

SB-15-6-7

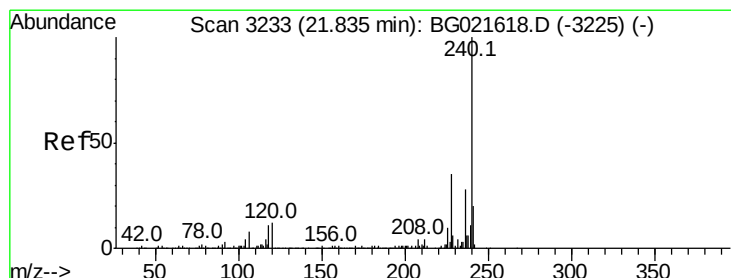
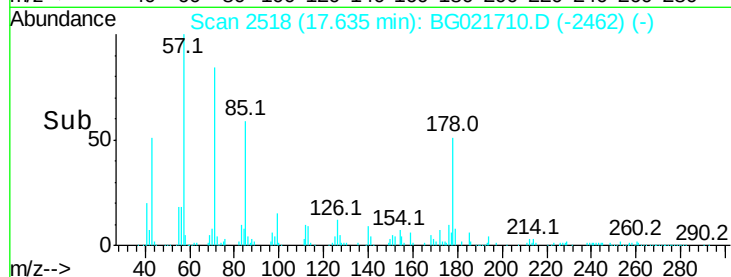
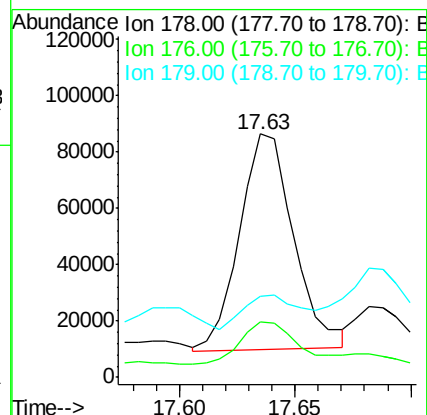
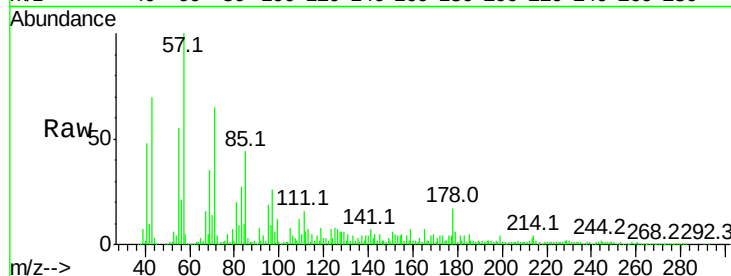
Tot Ion:178 Resp: 125234

Ion Ratio Lower Upper

178 100

176 22.6 16.2 24.4

179 33.0 12.0 18.0#



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3235

Delta R.T. 0.01 min

Lab File: BG021710.D

Acq: 16 Apr 2016 10:06

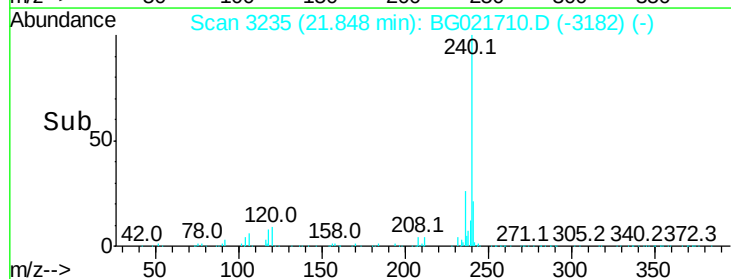
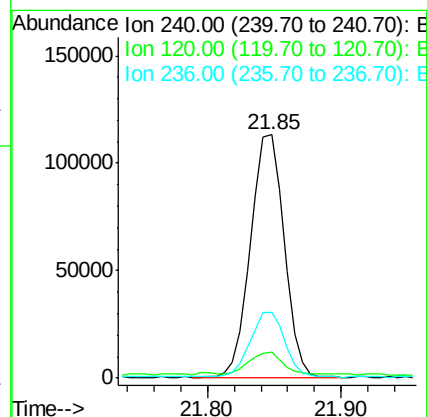
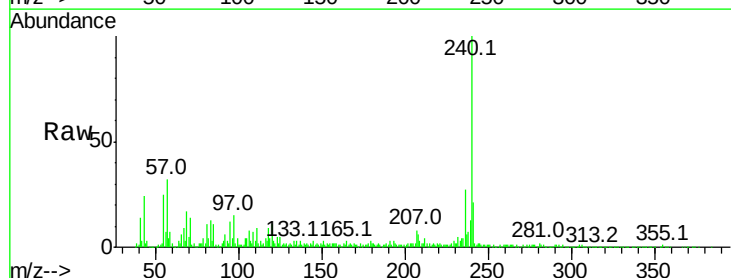
Tgt Ion:240 Resp: 195878

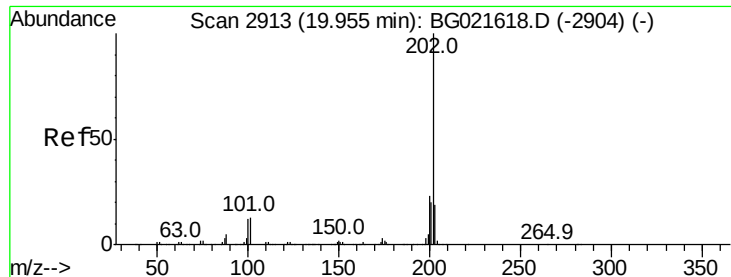
Ion Ratio Lower Upper

240 100

120 10.7 8.4 12.6

236 26.9 19.6 29.4

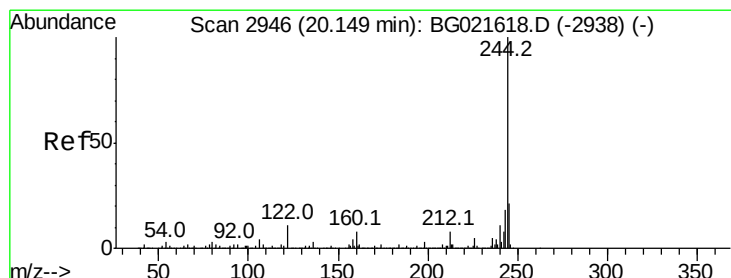
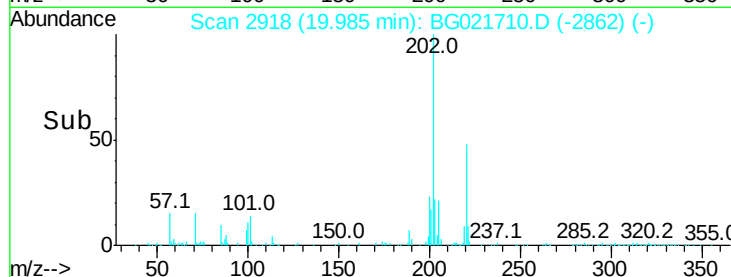
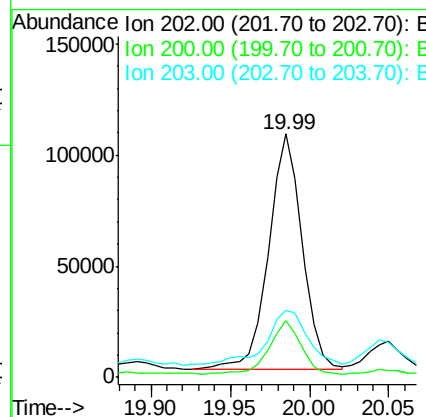
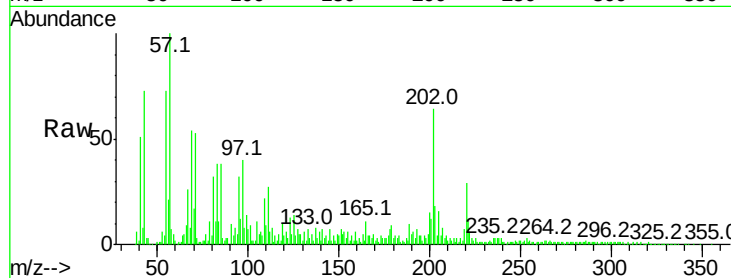




#77
Pvrene
Concen: 13.83 ng
RT: 19.99 min Scan# 2918
Delta R.T. 0.03 min
Lab File: BG021710.D
Acq: 16 Apr 2016 10:06

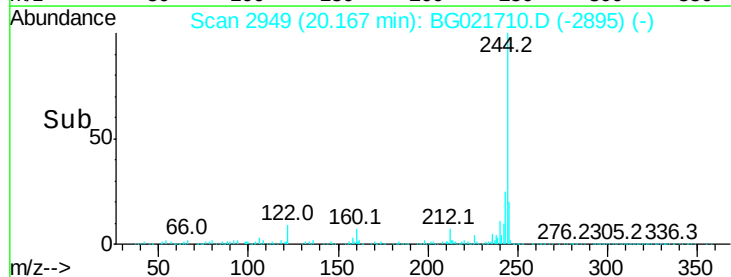
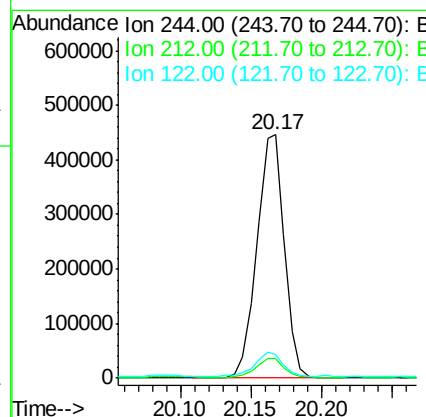
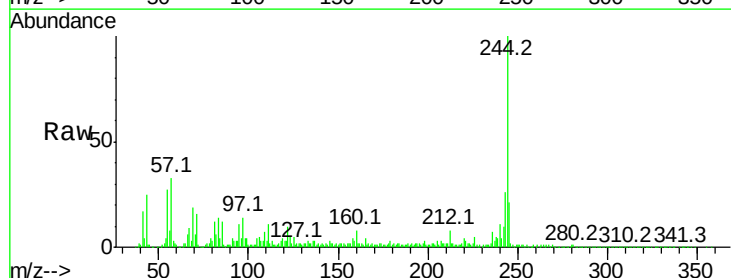
Instrument :
BNA_G
ClientSampleId :
SB-15-6-7

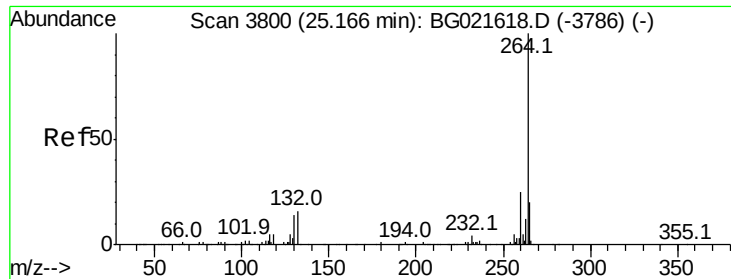
Tot Ion	Ratio	Lower	Upper
202	100		
200	23.4	18.2	27.2
203	27.5	15.0	22.4



#78
Terphenyl-d14
Concen: 77.29 ng
RT: 20.17 min Scan# 2949
Delta R.T. 0.02 min
Lab File: BG021710.D
Acq: 16 Apr 2016 10:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	9.7	8.6	12.8





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.17 min Scan# 3801
Delta R.T. 0.01 min
Lab File: BG021710.D
Acq: 16 Apr 2016 10:06

Instrument :
BNA_G
ClientSampleId :
SB-15-6-7

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	20.2	30.4
265	21.7	17.8	26.8

