

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
 Data File : BG021707.D
 Acq On : 16 Apr 2016 8:08
 Operator : UM/SJ
 Sample : H2558-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-7-9.5-10

Quant Time: Apr 18 01:11:44 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

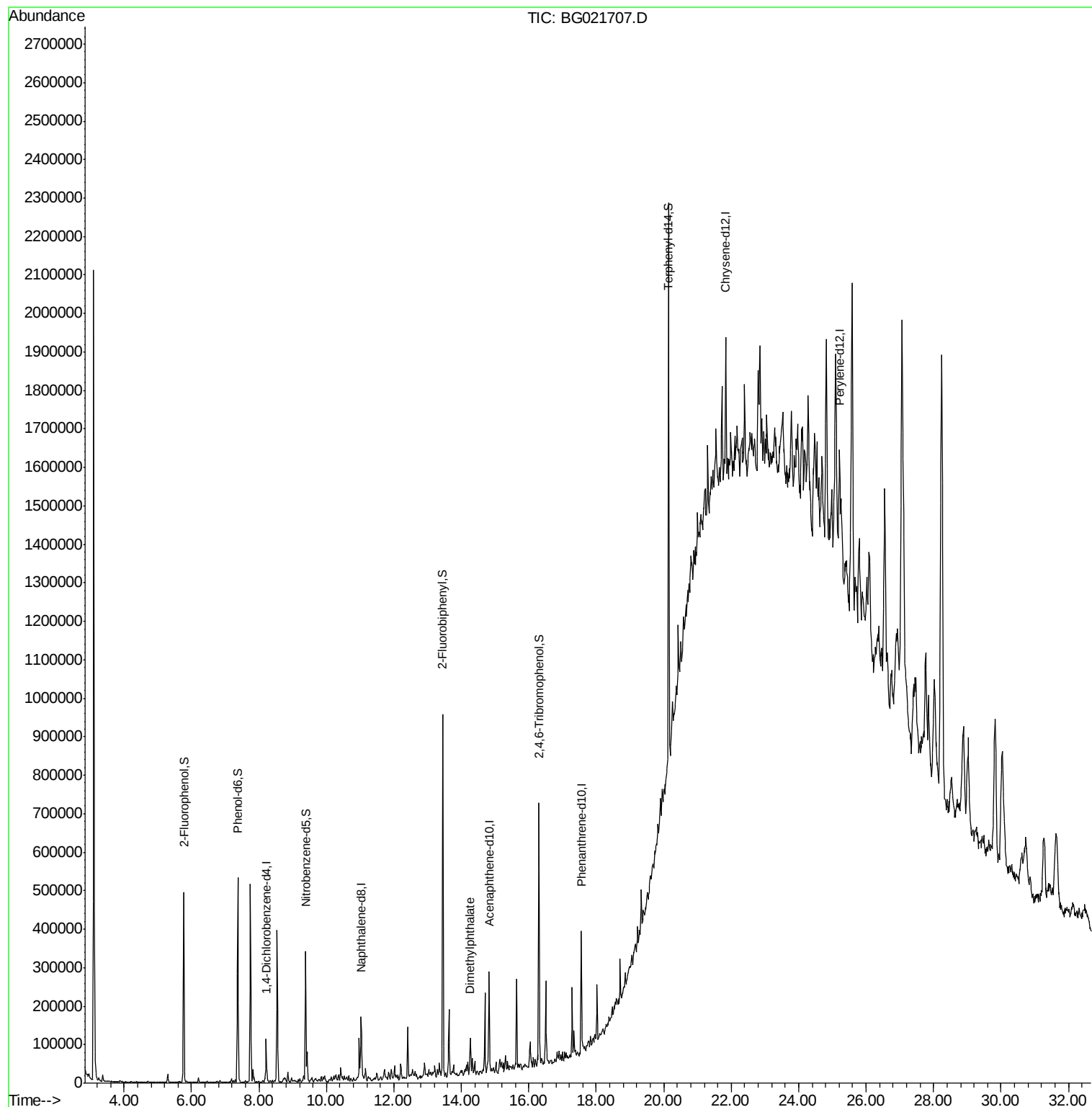
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	30219	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	139262	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	88699	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	185623	20.00	ng	0.00
75) Chrysene-d12	21.84	240	209672	20.00	ng	0.00
86) Perylene-d12	25.21	264	209193	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	219822	121.14	ng	0.01
7) Phenol-d6	7.37	99	320273	118.15	ng	0.01
23) Nitrobenzene-d5	9.38	82	208739	77.04	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	124877	130.63	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	498144	82.29	ng	0.00
78) Terphenyl-d14	20.15	244	654848	77.93	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.27	163	40513	5.28	ng	# 99

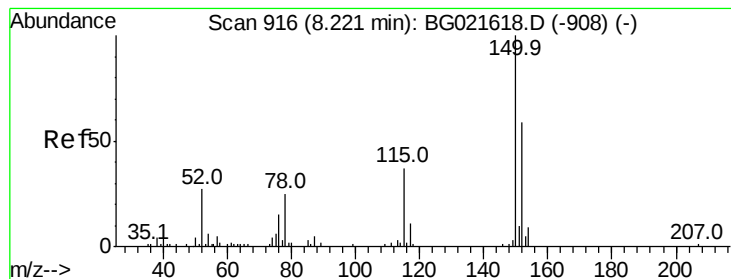
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 915

Delta R.T. -0.01 min

Lab File: BG021707.D

Acq: 16 Apr 2016 8:08

Instrument :

BNA_G

ClientSampleId :

SB-7-9.5-10

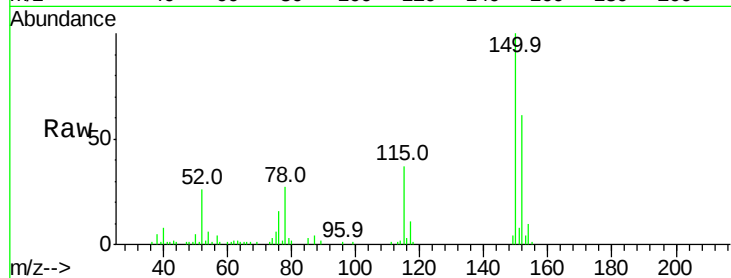
Tot Ion:152 Resp: 30219

Ion Ratio Lower Upper

152 100

150 163.4 130.1 195.1

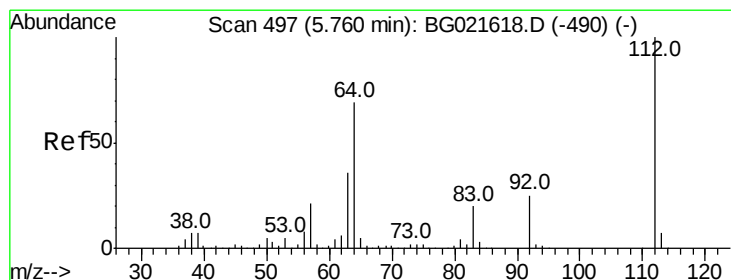
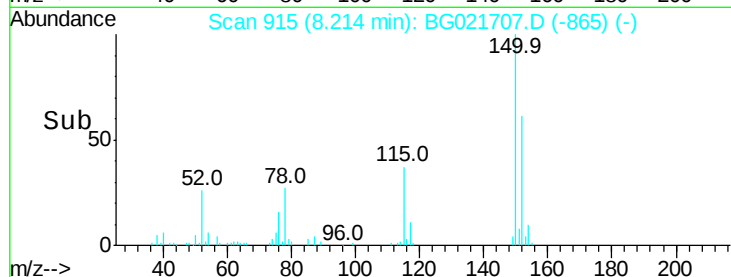
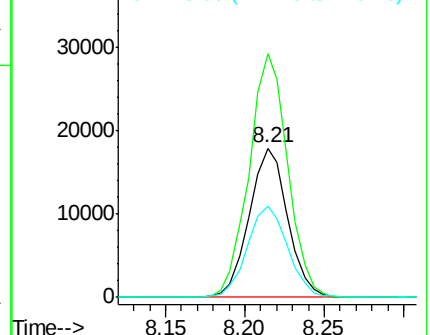
115 61.2 62.2 93.2#



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: 121.14 ng

RT: 5.77 min Scan# 499

Delta R.T. 0.01 min

Lab File: BG021707.D

Acq: 16 Apr 2016 8:08

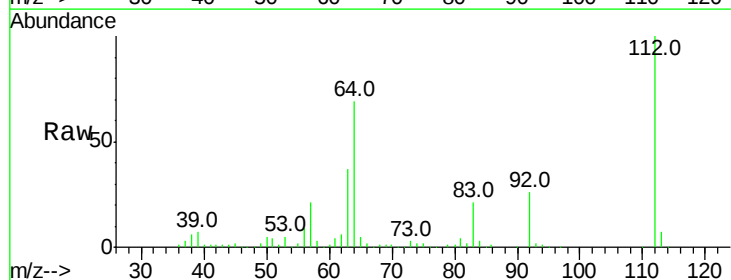
Tgt Ion:112 Resp: 219822

Ion Ratio Lower Upper

112 100

64 69.3 51.1 76.7

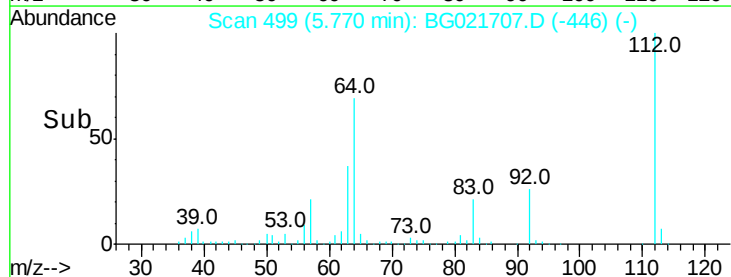
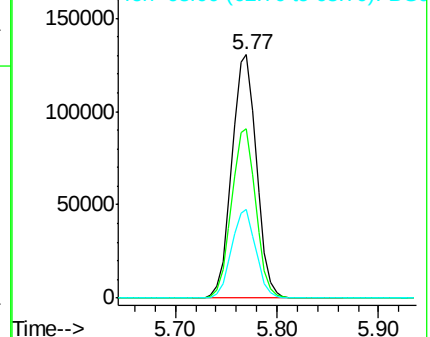
63 36.6 24.6 37.0

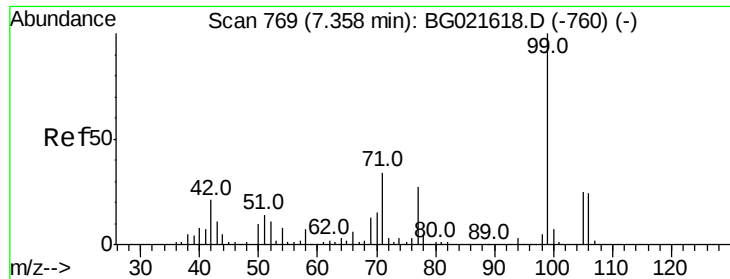


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 118.15 ng

RT: 7.37 min Scan# 771

Delta R.T. 0.01 min

Lab File: BG021707.D

Acq: 16 Apr 2016 8:08

Instrument :

BNA_G

ClientSampleId :

SB-7-9.5-10

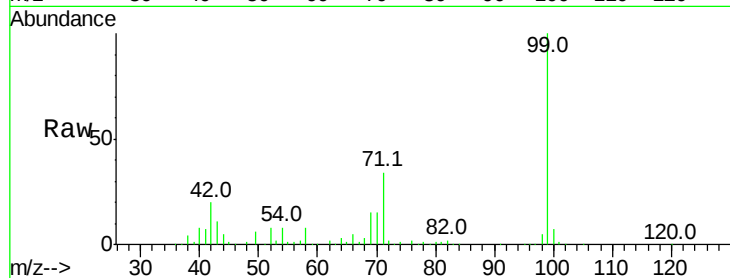
Tot Ion: 99 Resp: 320273

Ion Ratio Lower Upper

99 100

42 20.3 16.4 24.6

71 34.4 25.0 37.4

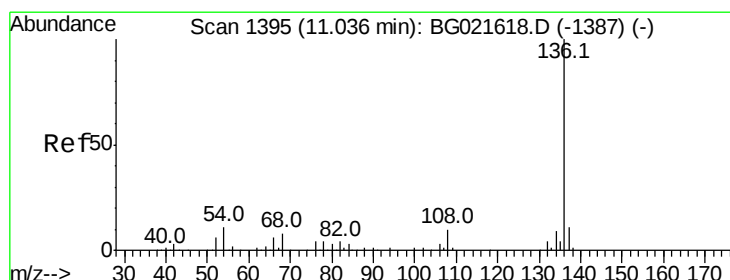
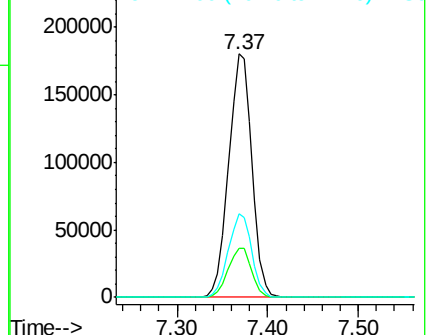
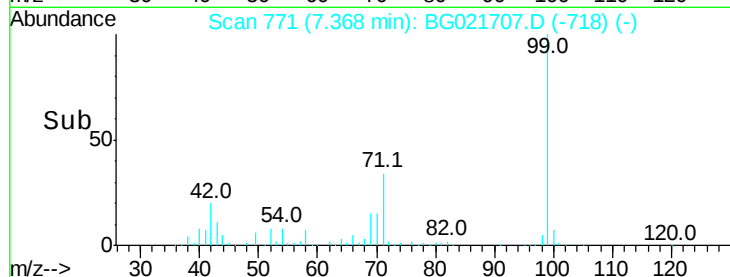


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.03 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BG021707.D

Acq: 16 Apr 2016 8:08

Tgt Ion: 136 Resp: 139262

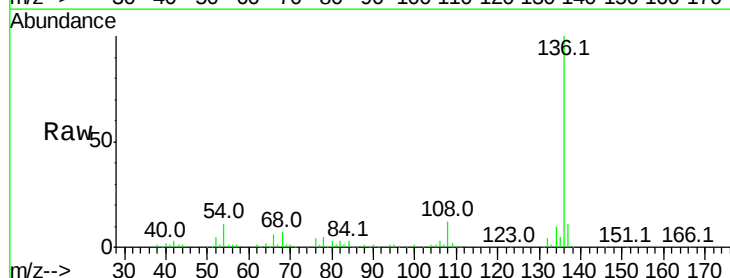
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 11.4 9.6 14.4

68 7.3 6.4 9.6



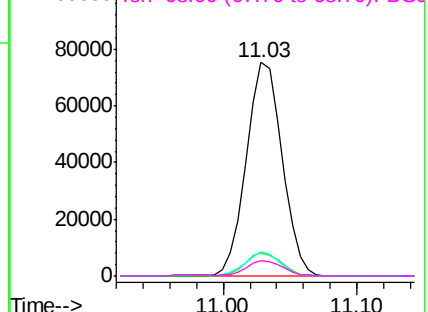
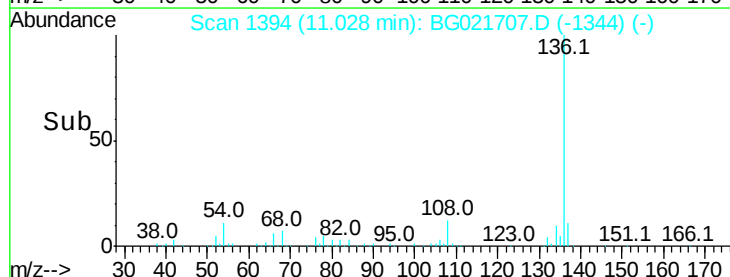
Abundance

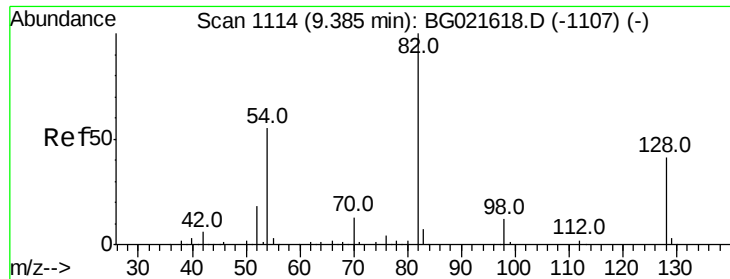
Ion 136.00 (135.70 to 136.70): BGC

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

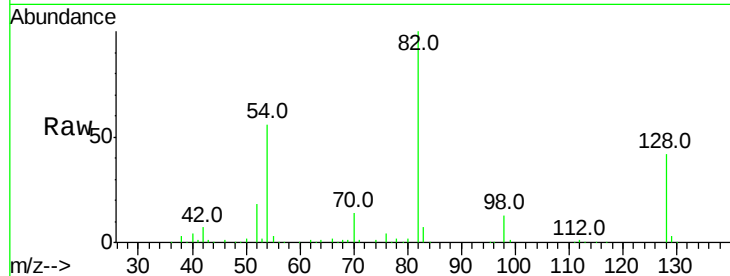




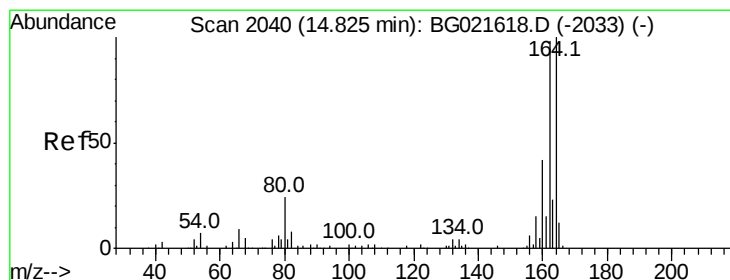
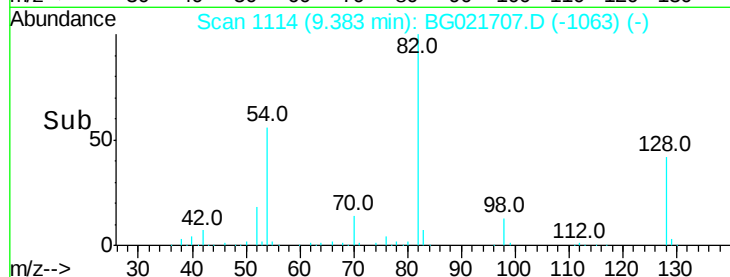
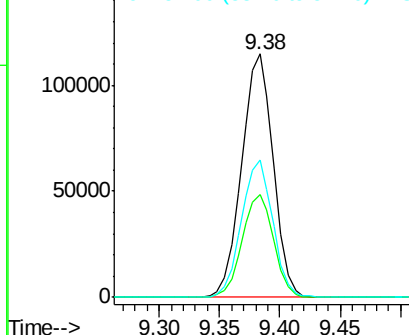
#23
Nitrobenzene-d5
Concen: 77.04 ng
RT: 9.38 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BG021707.D
Acq: 16 Apr 2016 8:08

Instrument :
BNA_G
ClientSampleId :
SB-7-9.5-10

Tot Ion	82	Resp	208739
Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.4	50.0
54	56.2	46.1	69.1

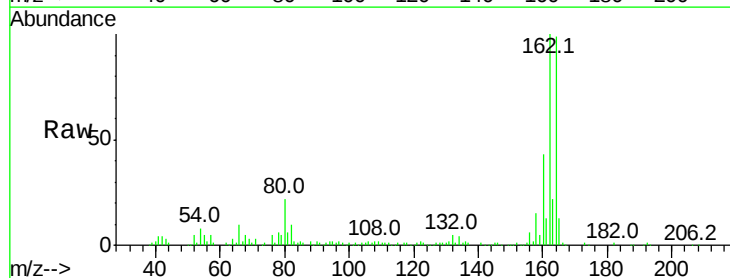


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

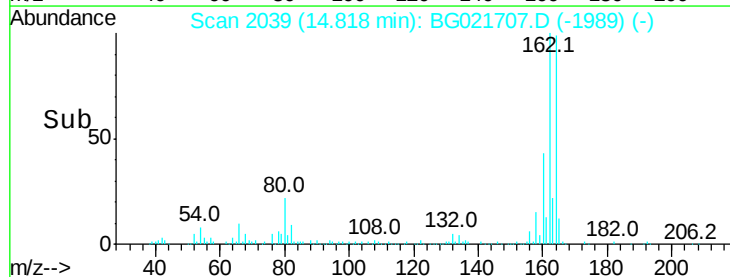
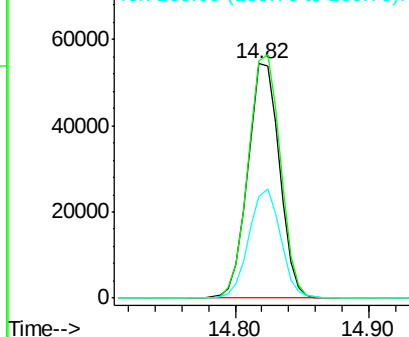


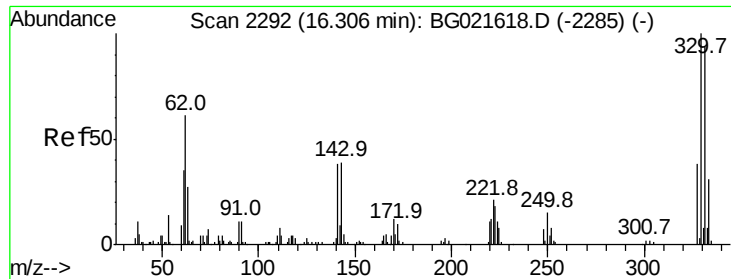
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BG021707.D
Acq: 16 Apr 2016 8:08

Tgt Ion	164	Resp	88699
Ion	Ratio	Lower	Upper
164	100		
162	101.3	78.0	117.0
160	43.6	32.9	49.3



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 130.63 ng

RT: 16.30 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BG021707.D

Acq: 16 Apr 2016 8:08

Instrument :

BNA_G

ClientSampled :

SB-7-9.5-10

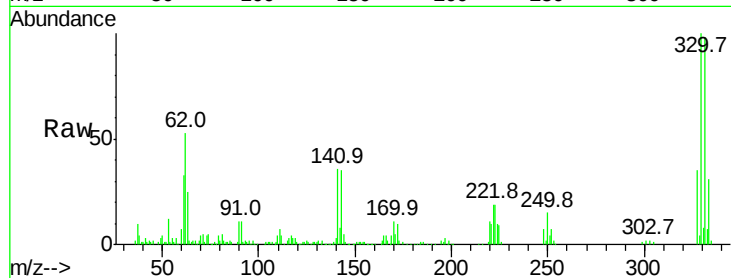
Tot Ion:330 Resp: 124877

Ion Ratio Lower Upper

330 100

332 96.0 78.0 117.0

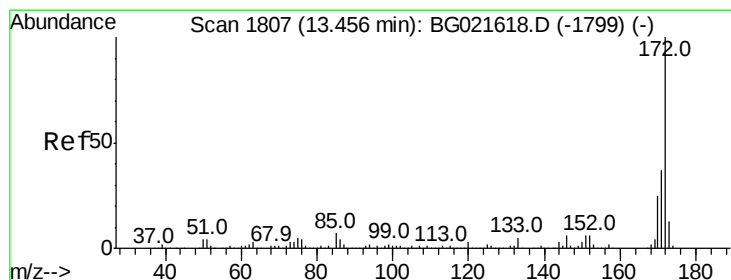
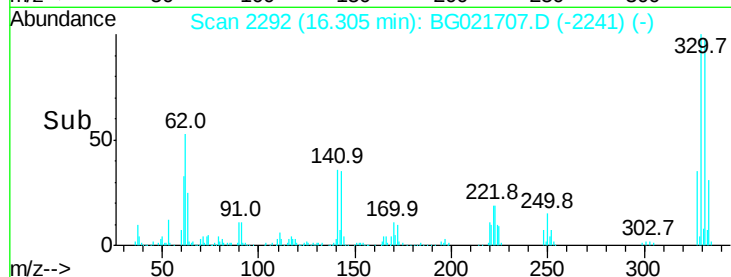
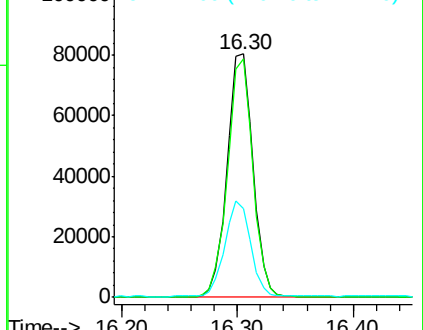
141 39.2 33.8 50.8



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: 82.29 ng

RT: 13.45 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BG021707.D

Acq: 16 Apr 2016 8:08

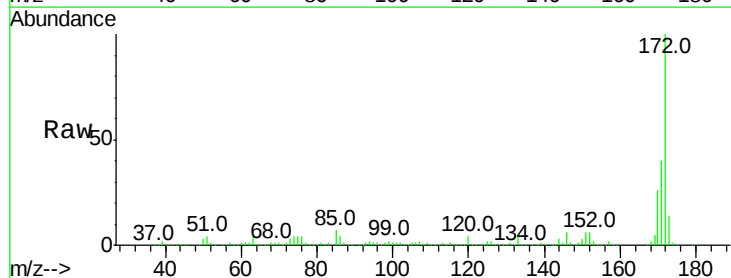
Tgt Ion:172 Resp: 498144

Ion Ratio Lower Upper

172 100

171 39.5 27.8 41.6

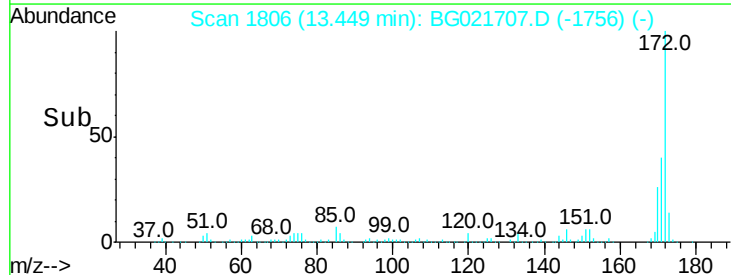
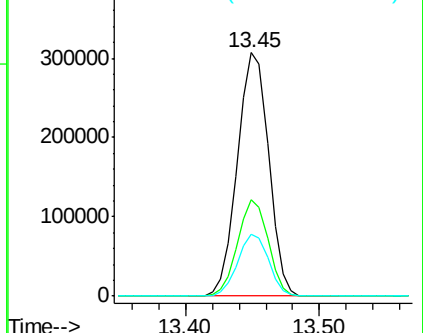
170 25.6 19.6 29.4

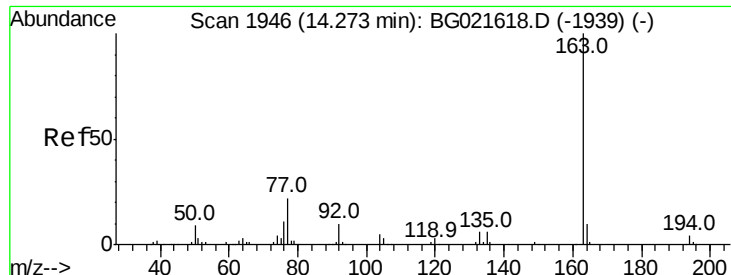


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 5.28 ng

RT: 14.27 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG021707.D

Acq: 16 Apr 2016 8:08

Instrument :

BNA_G

ClientSampleId :

SB-7-9.5-10

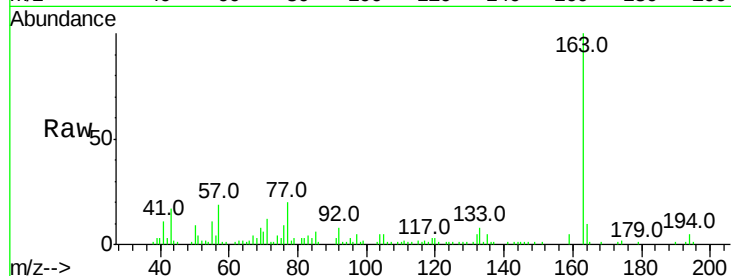
Tot Ion:163 Resp: 40513

Ion Ratio Lower Upper

163 100

194 4.9 3.0 4.6#

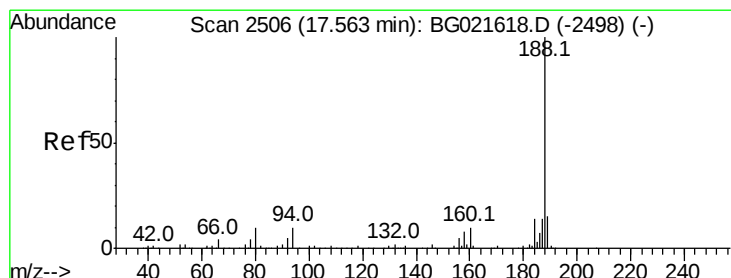
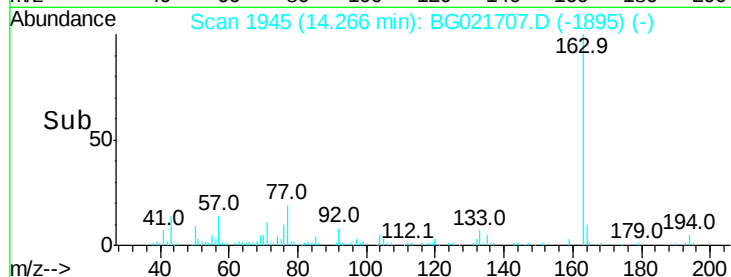
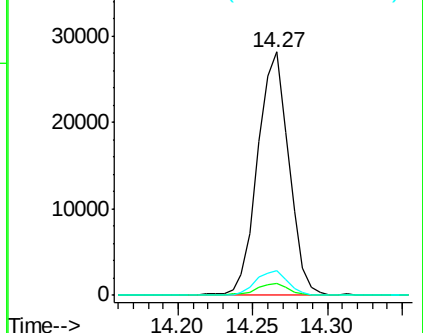
164 10.0 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.01 min

Lab File: BG021707.D

Acq: 16 Apr 2016 8:08

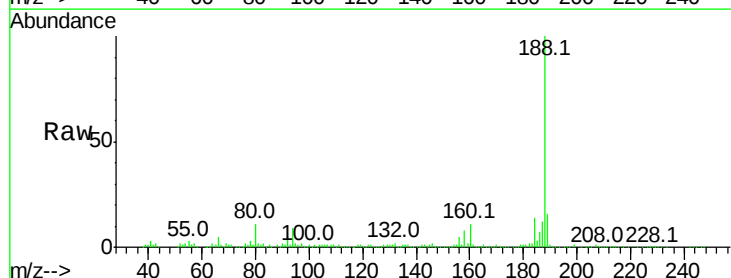
Tgt Ion:188 Resp: 185623

Ion Ratio Lower Upper

188 100

94 9.4 7.5 11.3

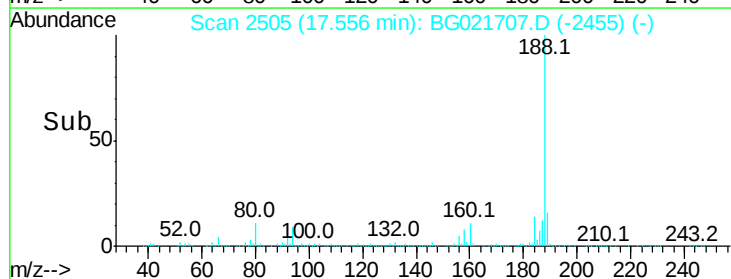
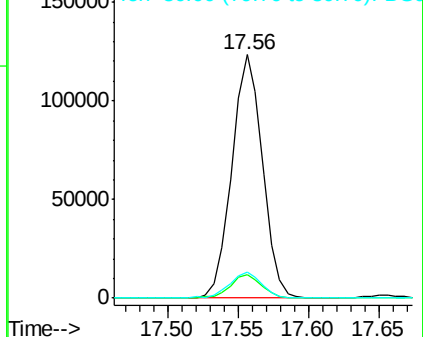
80 10.8 8.6 13.0

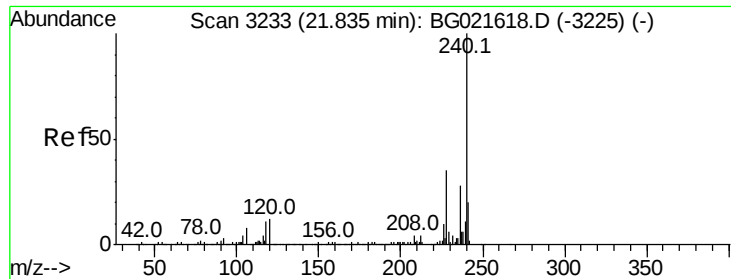


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

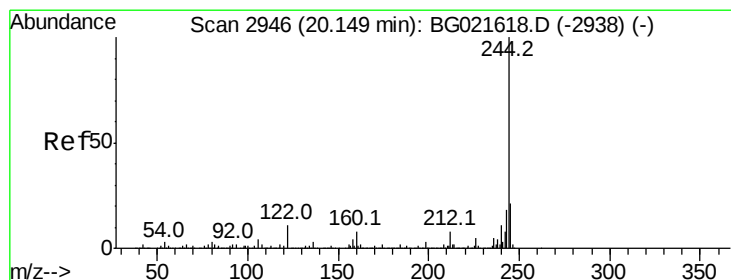
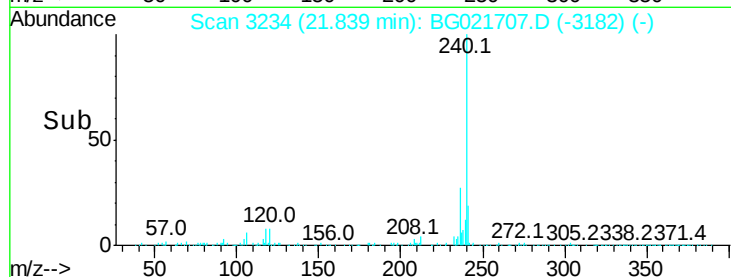
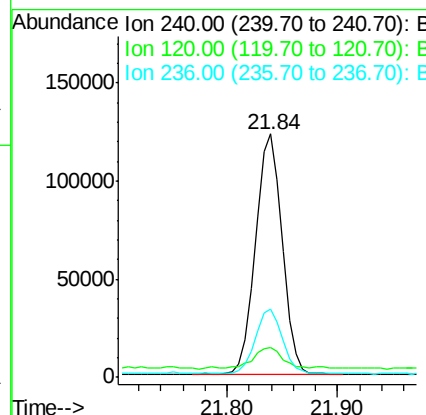
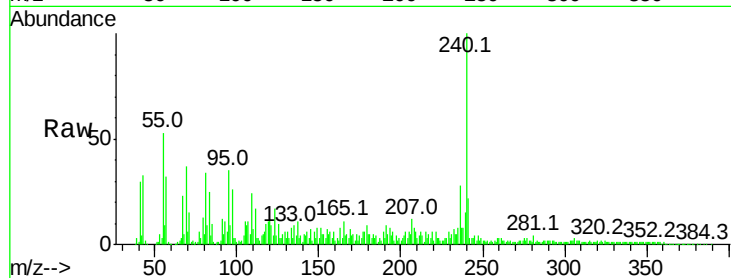




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.84 min Scan# 3234
 Delta R.T. 0.00 min
 Lab File: BG021707.D
 Acq: 16 Apr 2016 8:08

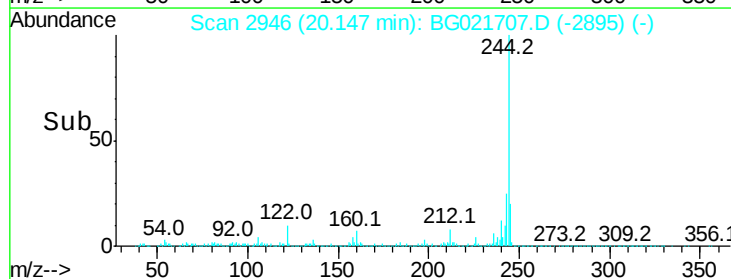
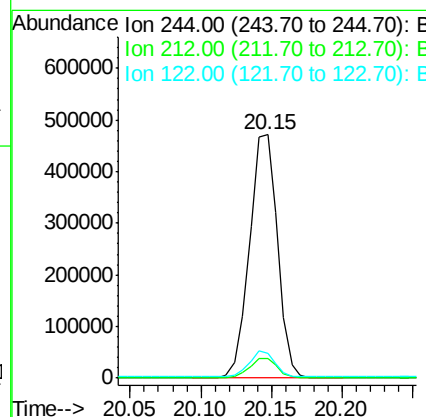
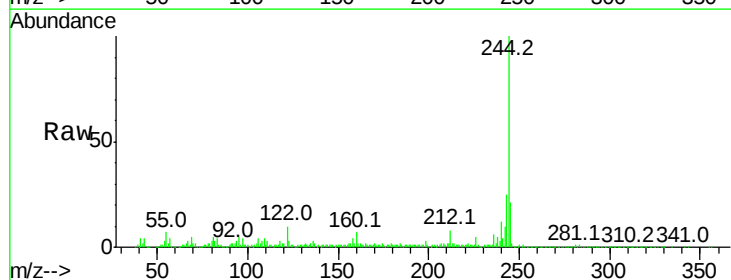
Instrument :
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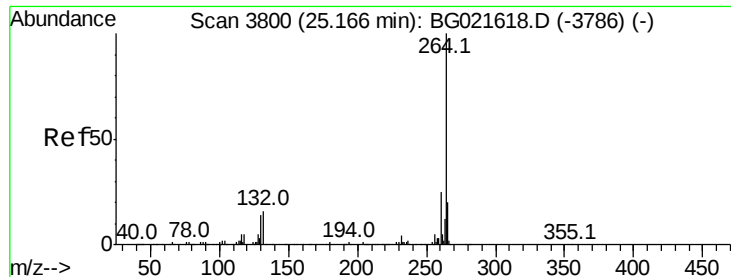
Tot Ion:240 Resp: 209672
 Ion Ratio Lower Upper
 240 100
 120 12.3 8.4 12.6
 236 28.0 19.6 29.4



#78
 Terphenyl-d14
 Concen: 77.93 ng
 RT: 20.15 min Scan# 2946
 Delta R.T. -0.00 min
 Lab File: BG021707.D
 Acq: 16 Apr 2016 8:08

Tgt Ion:244 Resp: 654848
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 10.1 8.6 12.8





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3807
Delta R.T. 0.04 min
Lab File: BG021707.D
Acq: 16 Apr 2016 8:08

Instrument :
BNA_G
ClientSampleId :
SB-7-9.5-10

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.2	30.4
265	24.2	17.8	26.8

