

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

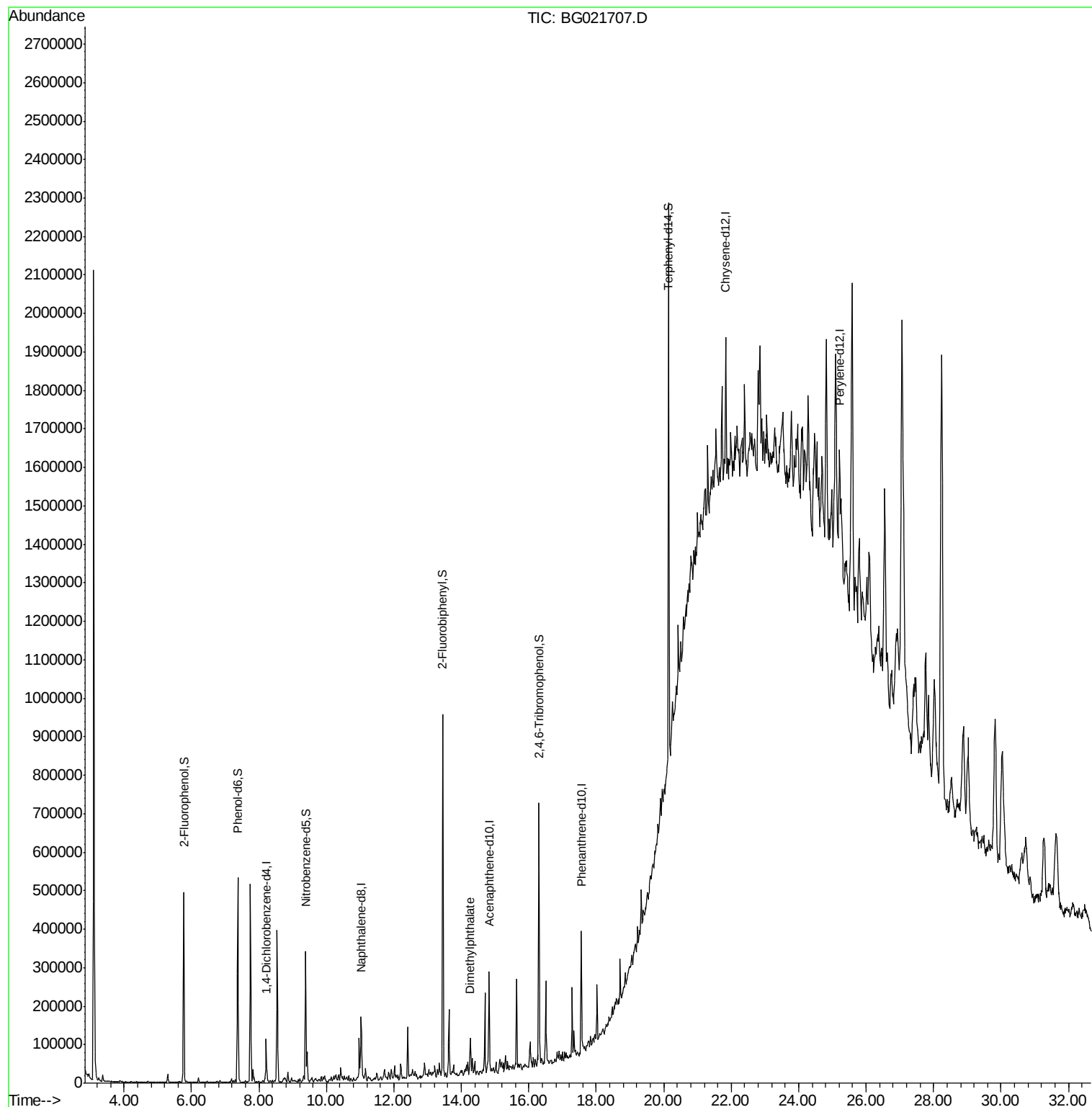
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	30219	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	139262	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	88699	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	185623	20.00	ng	0.00
75) Chrysene-d12	21.84	240	209672	20.00	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						
49) Dimethylphthalate	14.27	163	40513	5.28	ng	Qvalue # 99

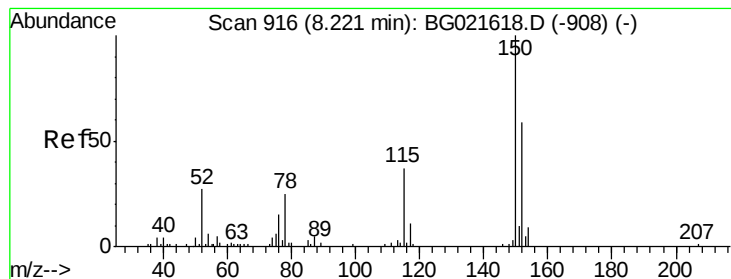
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

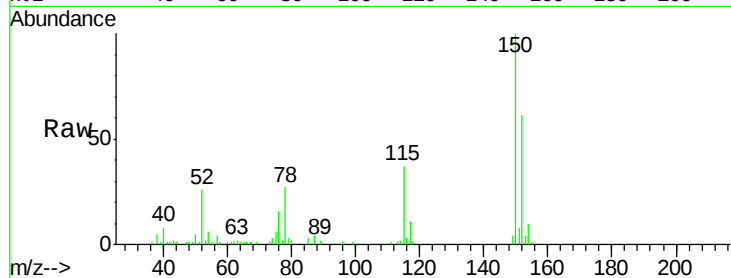
Tgt Ion:152 Resp: 30219

Ion Ratio Lower Upper

152 100

150 163.4 130.1 195.1

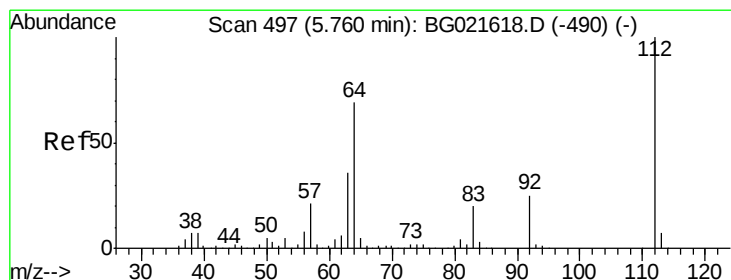
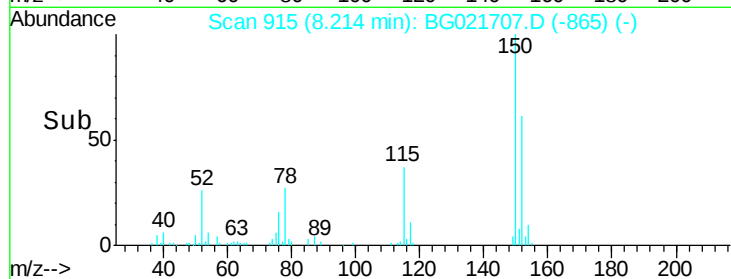
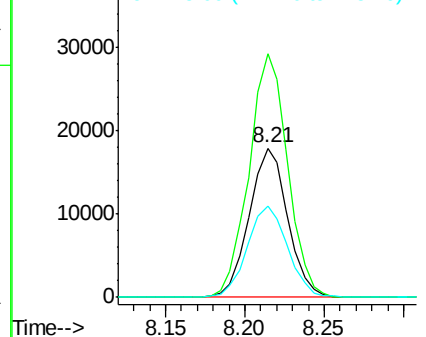
115 61.2 62.2 93.2#



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

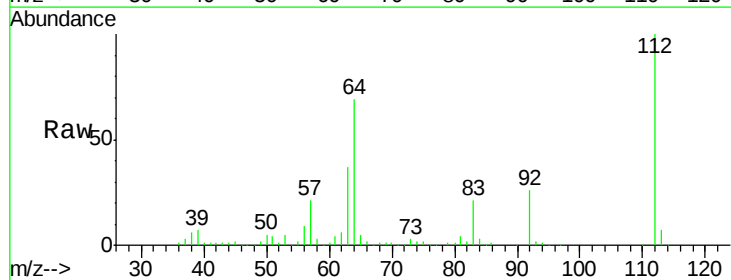
Tgt Ion:112 Resp: 219822

Ion Ratio Lower Upper

112 100

64 69.3 51.1 76.7

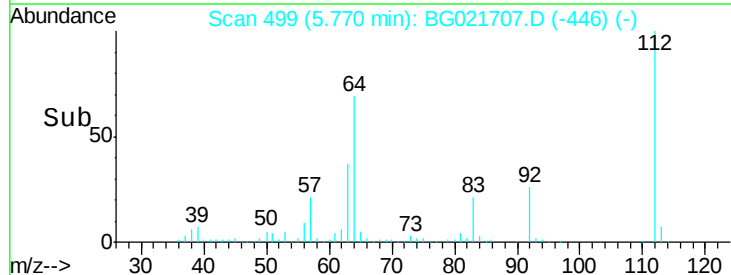
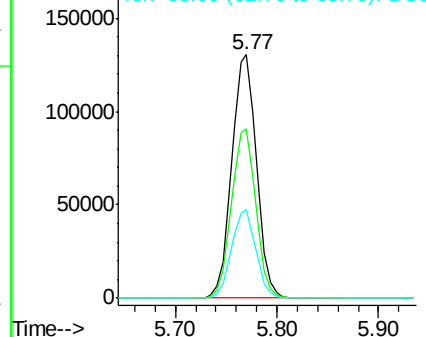
63 36.6 24.6 37.0

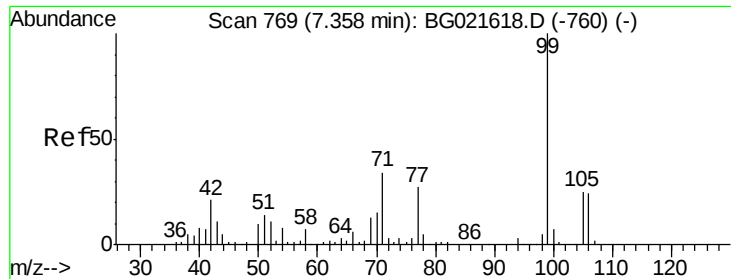


Abundance Ion 112.00 (111.70 to 112.70): E

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

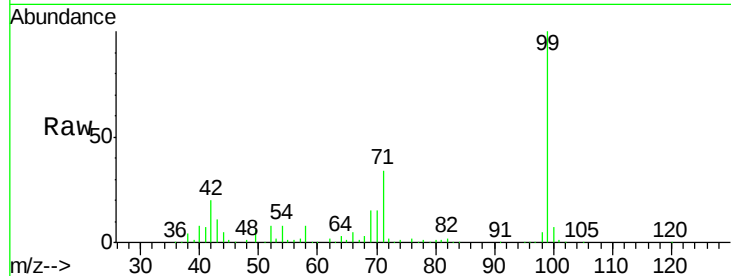
Tgt Ion: 99 Resp: 320273

Ion Ratio Lower Upper

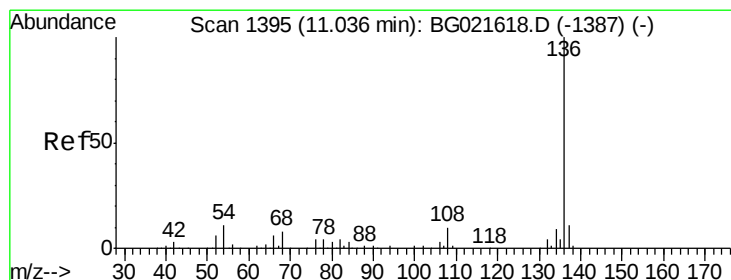
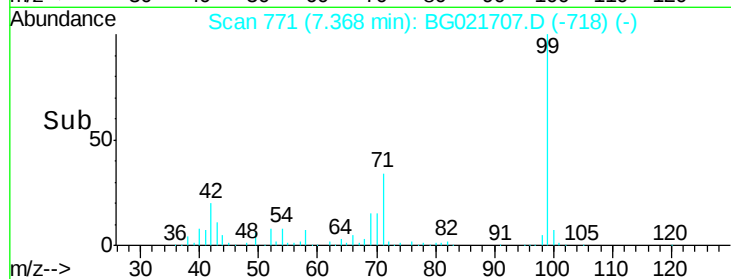
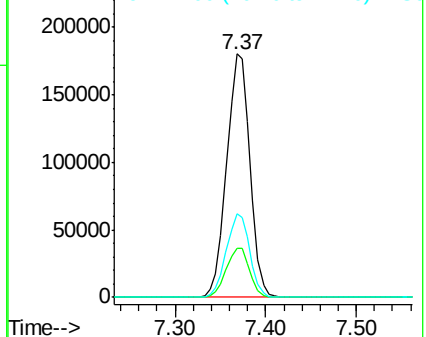
99 100

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

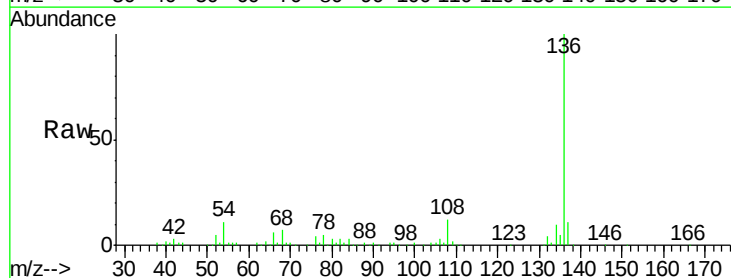
Ion Ratio Lower Upper

136 100

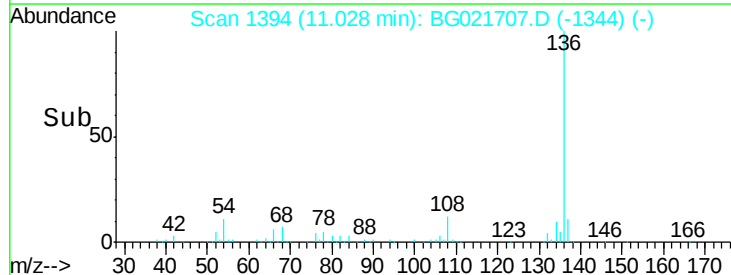
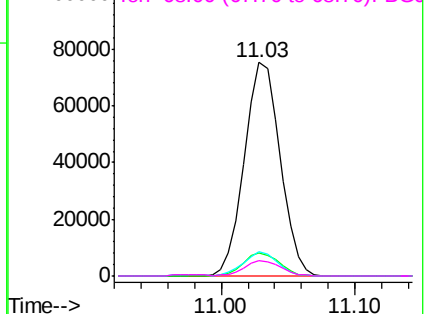
137 10.8 9.0 13.4

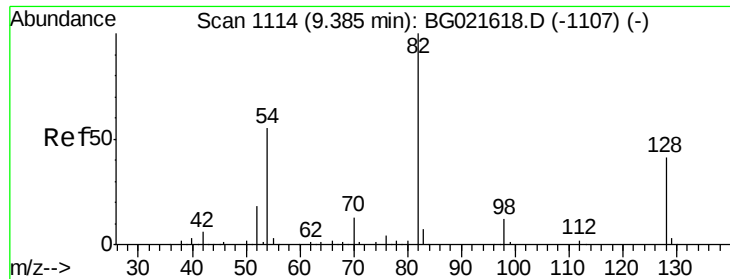
54 11.4 9.6 14.4

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

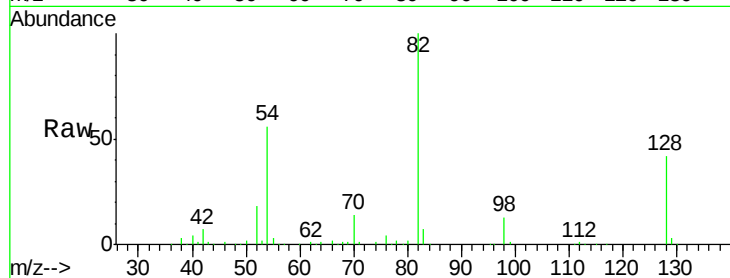




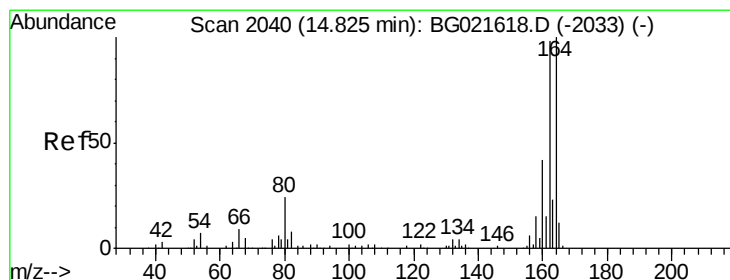
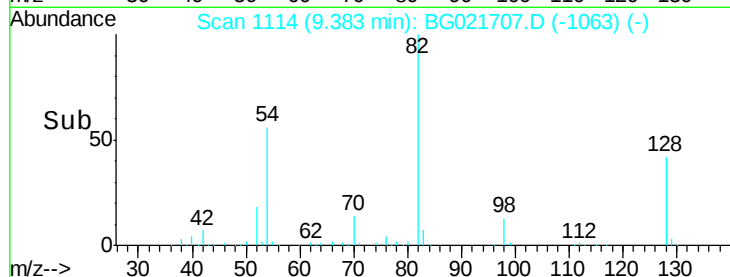
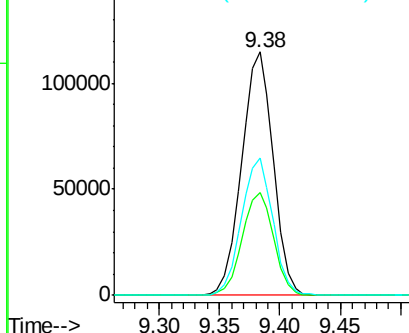
#23
 Nitrobenzene-d5
 Concen: 77.04 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BG021707.D
 Acq: 16 Apr 2016 8:08

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

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.4	50.0
54	56.2	46.1	69.1

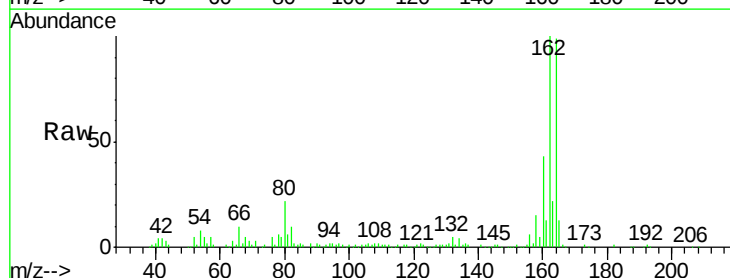


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

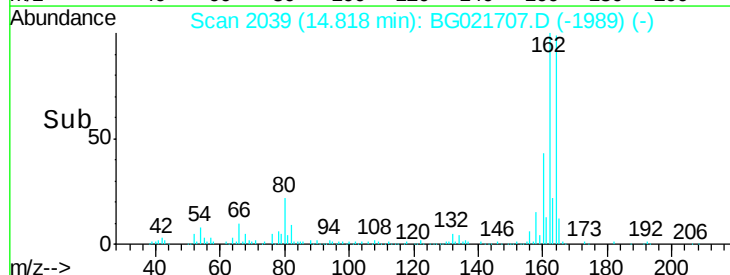
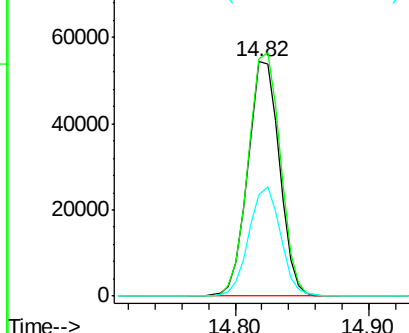


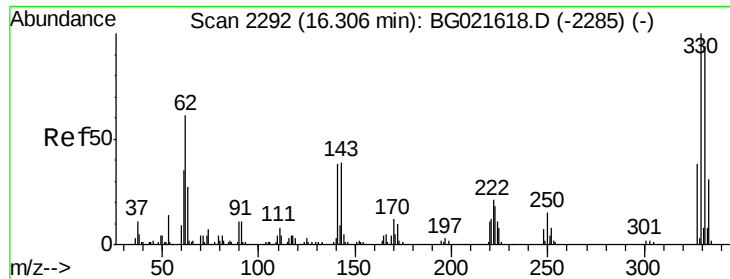
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BG021707.D
 Acq: 16 Apr 2016 8:08

Tgt Ion	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

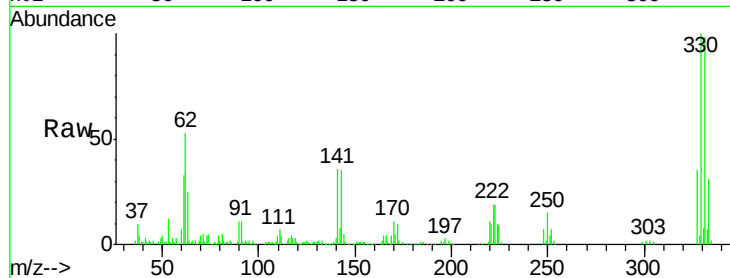




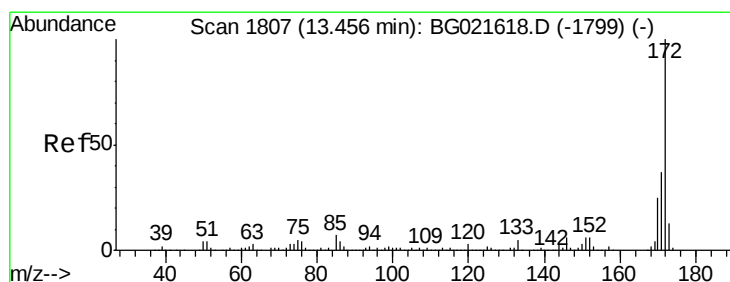
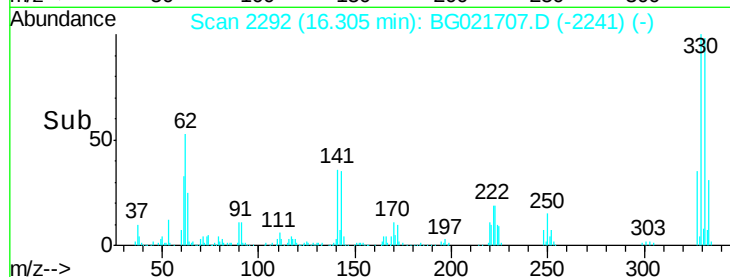
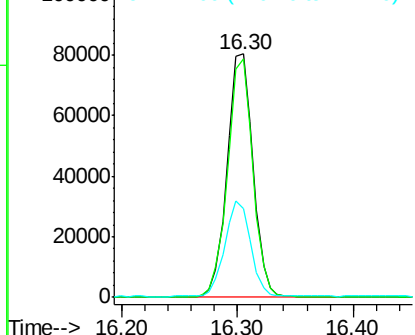
#41
 2,4,6-Tribromophenol
 Concen: 130.63 ng
 RT: 16.30 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BG021707.D
 Acq: 16 Apr 2016 8:08

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

Tgt Ion:330 Resp: 124877
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.0 117.0
 141 39.2 33.8 50.8

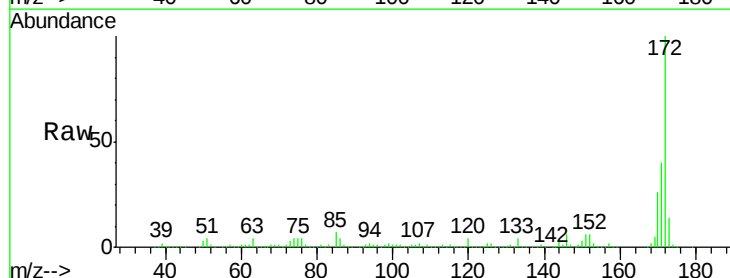


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

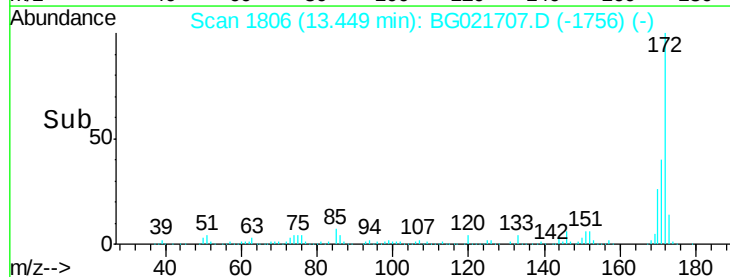
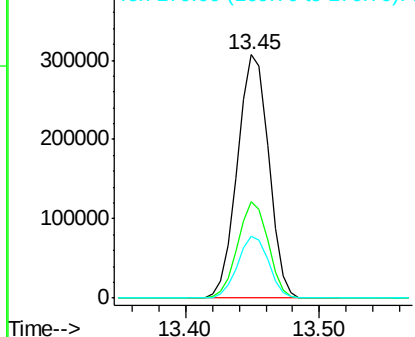


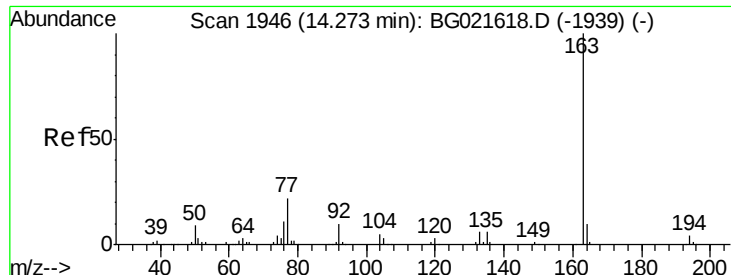
#44
 2-Fluorobiphenyl
 Concen: 82.29 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG021707.D
 Acq: 16 Apr 2016 8:08

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 :

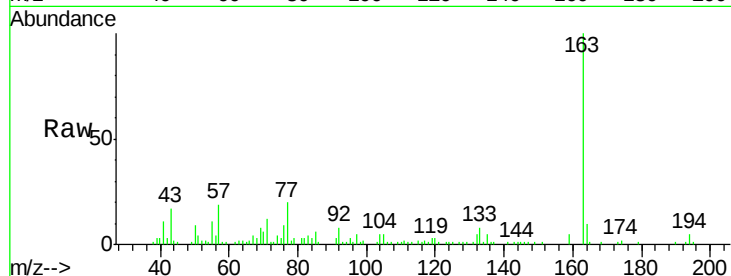
BNA_G

ClientSampleId :

SB-7-9.5-10

Tgt Ion:163 Resp: 40513

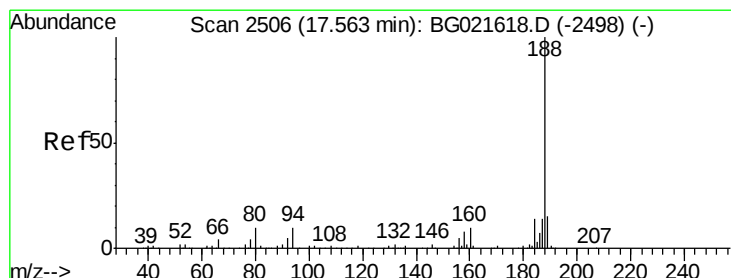
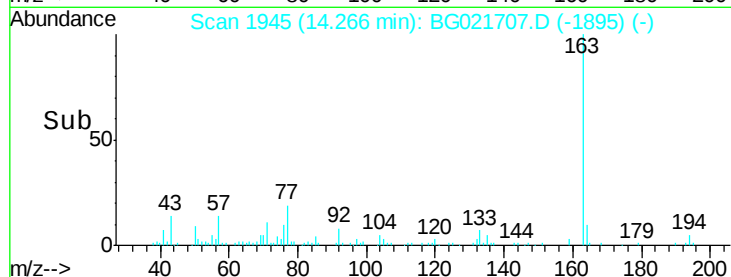
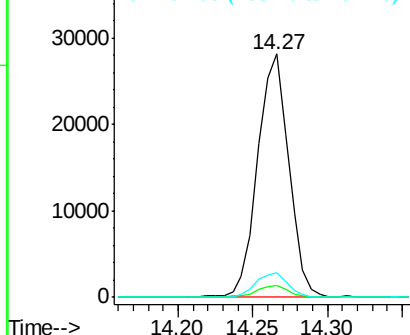
Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.0	4.6#
164	10.0	8.1	12.1



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

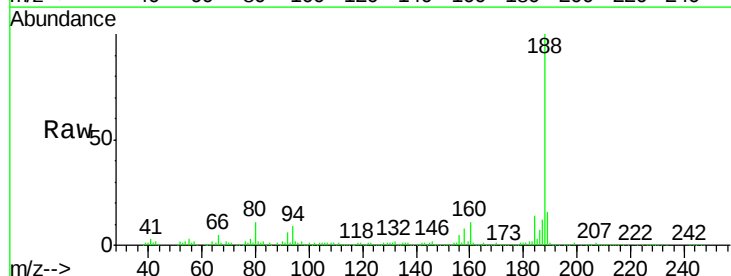
Delta R.T. -0.01 min

Lab File: BG021707.D

Acq: 16 Apr 2016 8:08

Tgt Ion:188 Resp: 185623

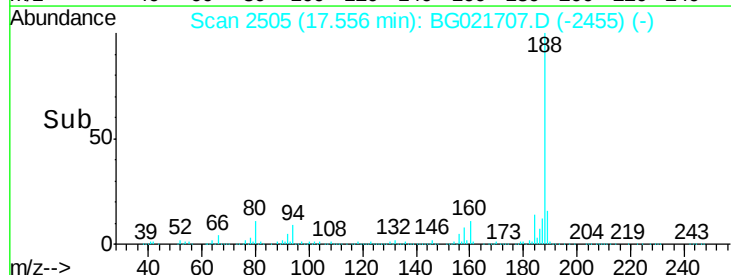
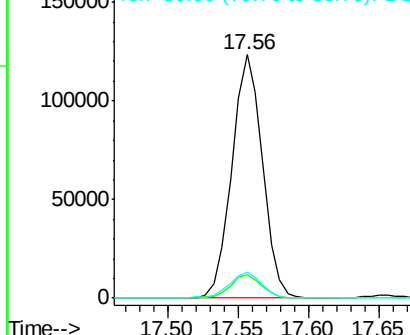
Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.5	11.3
80	10.8	8.6	13.0

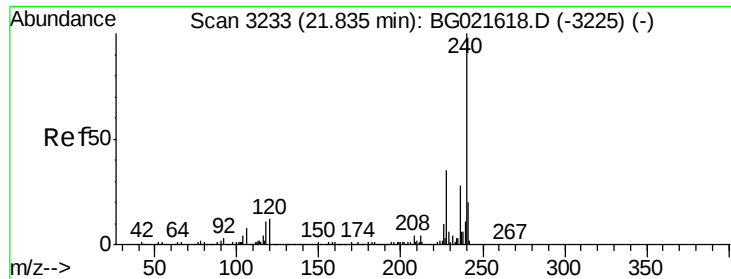


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-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 :

BNA_G

ClientSampleId :

SB-7-9.5-10

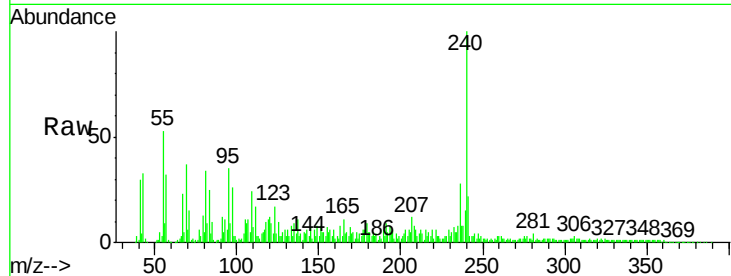
Tgt Ion:240 Resp: 209672

Ion Ratio Lower Upper

240 100

120 12.3 8.4 12.6

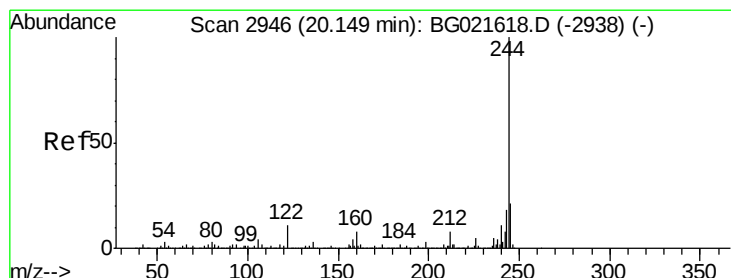
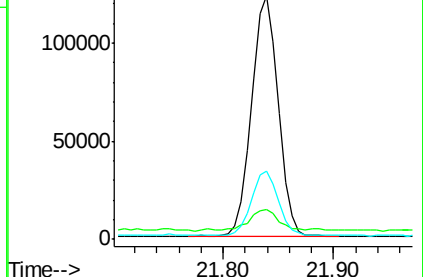
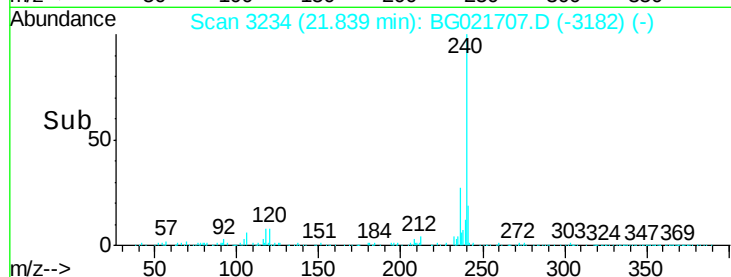
236 28.0 19.6 29.4



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



#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

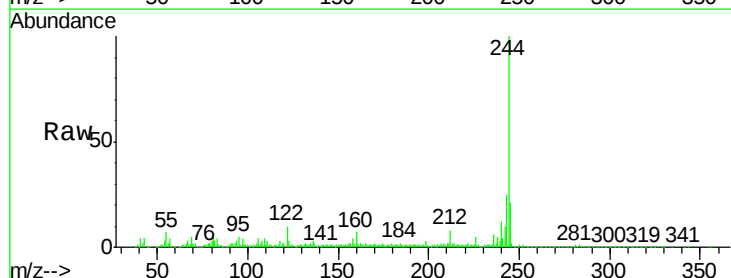
Tgt Ion:244 Resp: 654848

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

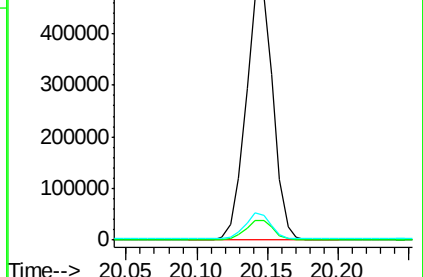
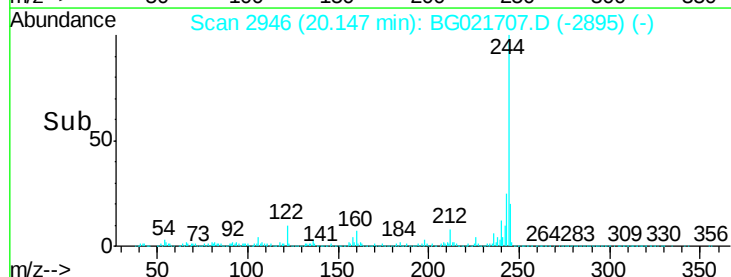
122 10.1 8.6 12.8

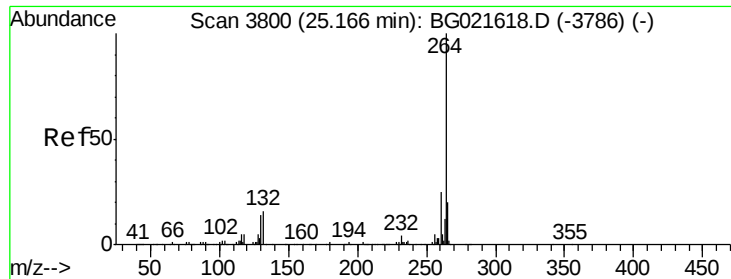


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

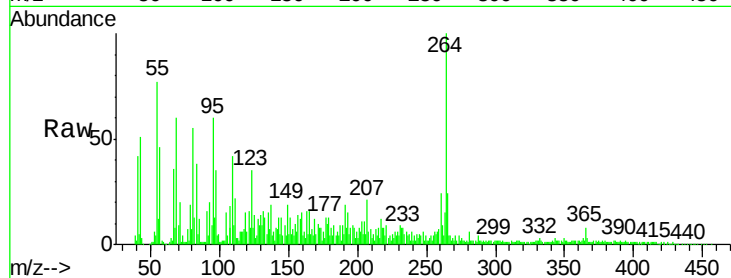




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3807
Delta R.T. 0.04 min
Lab File: BG021707.D
Acq: 16 Apr 2016 8:08

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

Tgt Ion:	264	Resp:	209193
Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.2	30.4
265	24.2	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

