

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041816\
 Data File : BG021728.D
 Acq On : 18 Apr 2016 7:10
 Operator : UM/SJ
 Sample : H2513-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ACF-SW-2

Quant Time: Apr 18 07:48:04 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

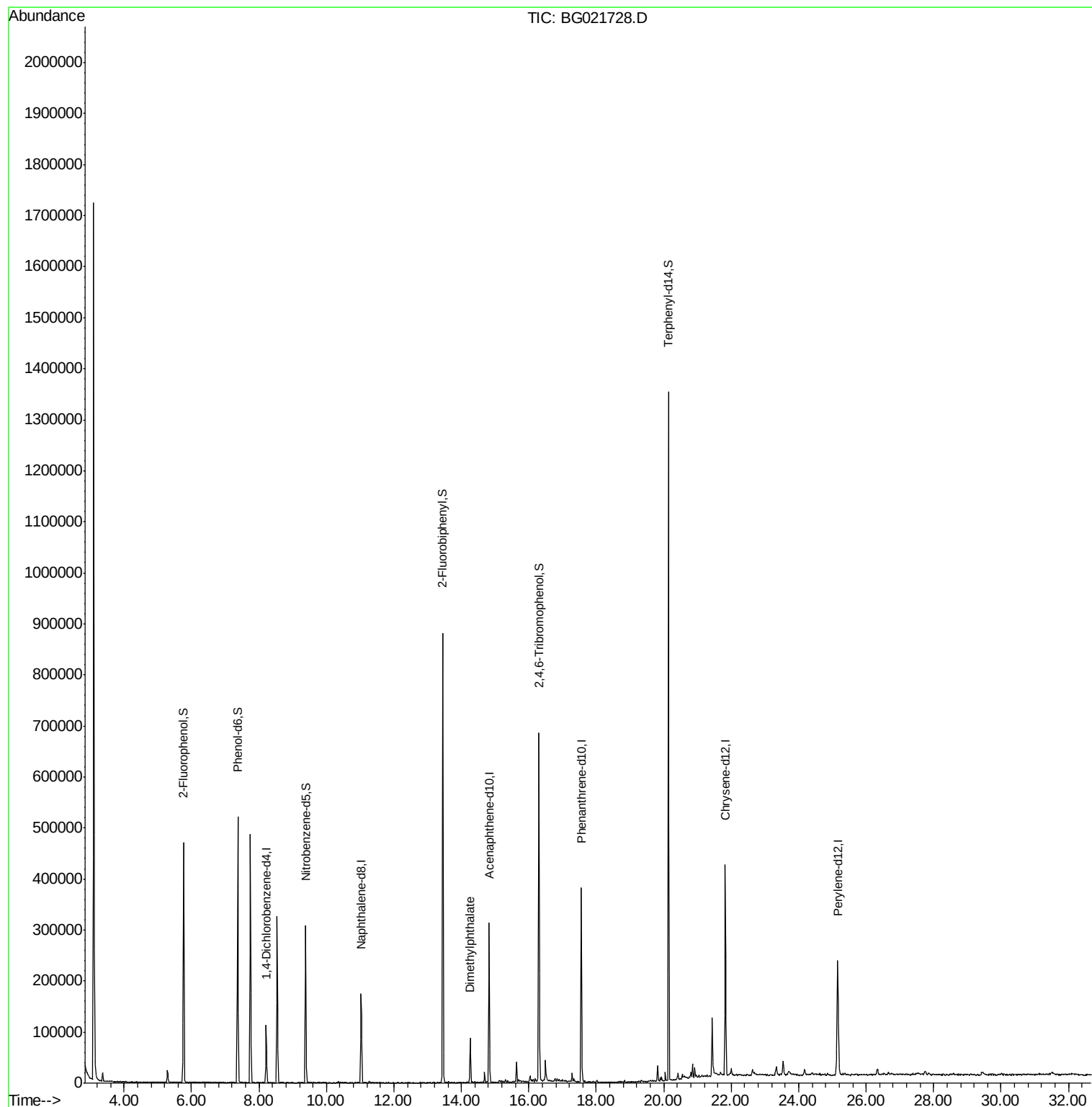
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	31101	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	152482	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	108855	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	232702	20.00	ng	0.00
75) Chrysene-d12	21.83	240	249032	20.00	ng	0.00
86) Perylene-d12	25.16	264	242578	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	207843	111.29	ng	0.00
7) Phenol-d6	7.37	99	312053	111.86	ng	0.00
23) Nitrobenzene-d5	9.38	82	193500	65.23	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	127286	108.50	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	447683	60.26	ng	0.00
78) Terphenyl-d14	20.14	244	588998	59.02	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.26	163	60106	6.39	ng	Qvalue 99

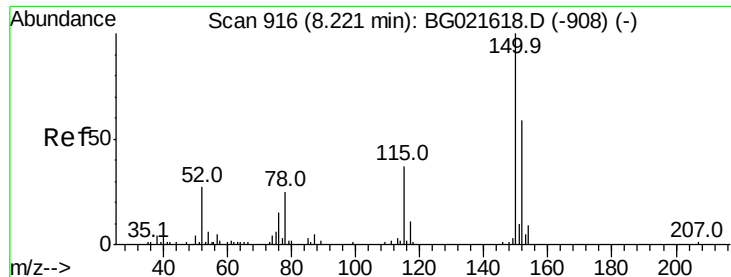
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG021728.D

Acq: 18 Apr 2016 7:10

Instrument :

BNA_G

ClientSampleId :

ACF-SW-2

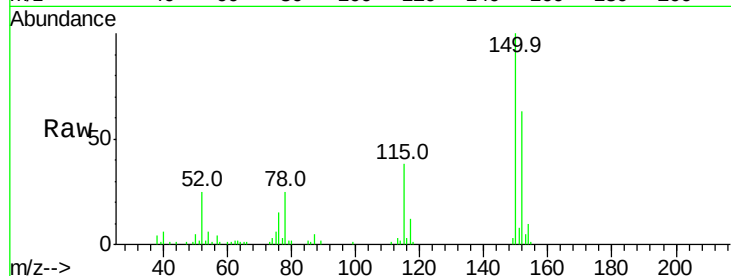
Tot Ion:152 Resp: 31101

Ion Ratio Lower Upper

152 100

150 159.8 130.1 195.1

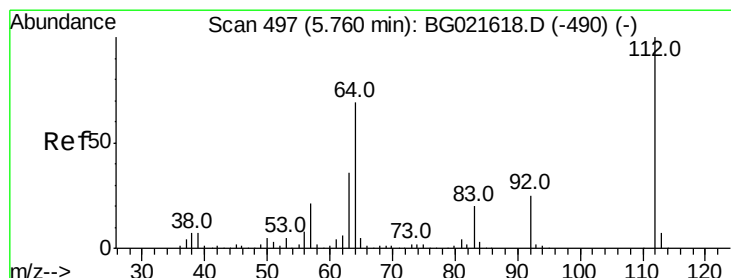
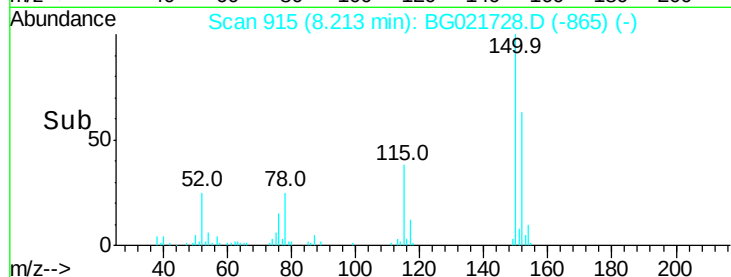
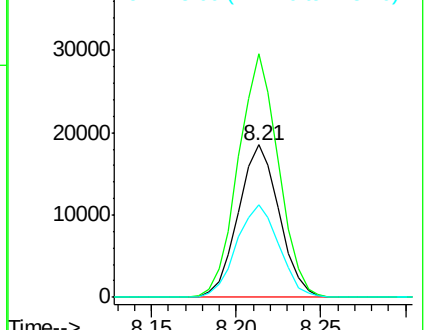
115 61.1 62.2 93.2#



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: 111.29 ng

RT: 5.76 min Scan# 498

Delta R.T. 0.00 min

Lab File: BG021728.D

Acq: 18 Apr 2016 7:10

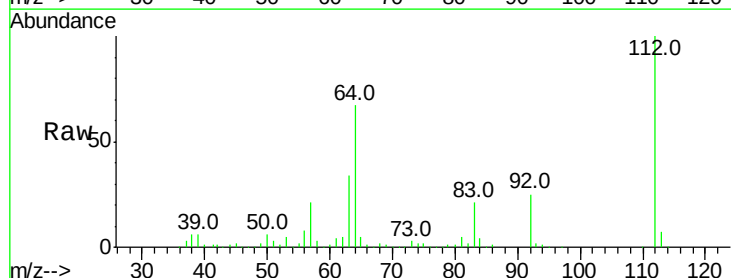
Tgt Ion:112 Resp: 207843

Ion Ratio Lower Upper

112 100

64 67.4 51.1 76.7

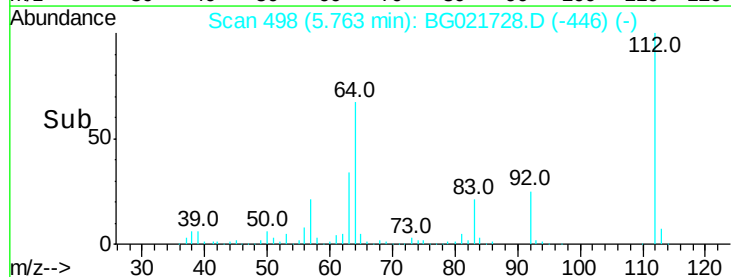
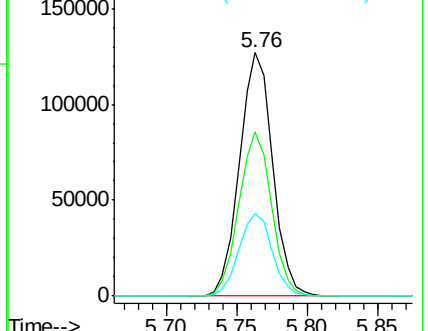
63 33.9 24.6 37.0

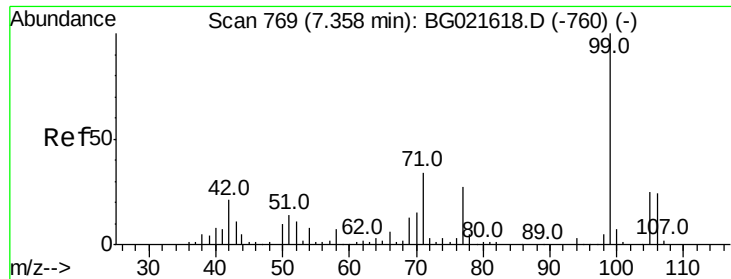


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 111.86 ng

RT: 7.37 min Scan# 771

Delta R.T. 0.01 min

Lab File: BG021728.D

Acq: 18 Apr 2016 7:10

Instrument :

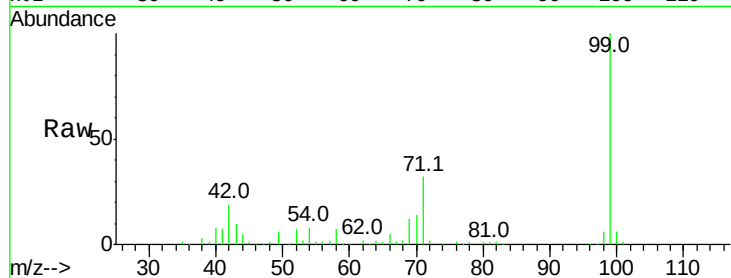
BNA_G

ClientSampleId :

ACF-SW-2

Tot Ion: 99 Resp: 312053

Ion	Ratio	Lower	Upper
99	100		
42	19.2	16.4	24.6
71	31.7	25.0	37.4

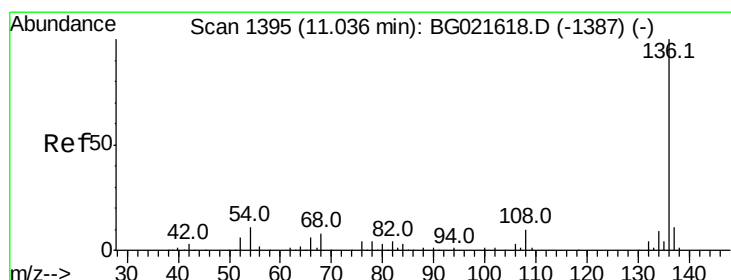
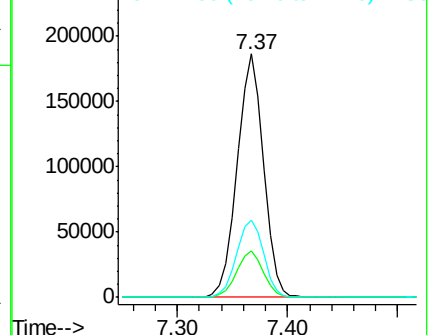
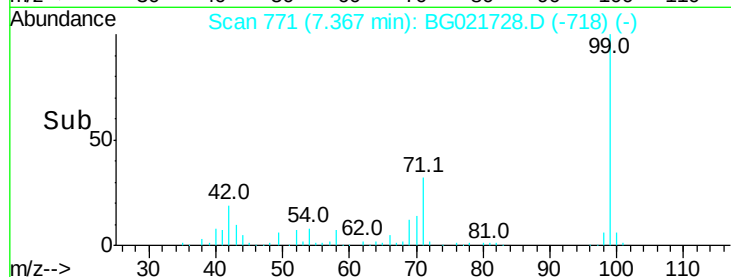


Abundance

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

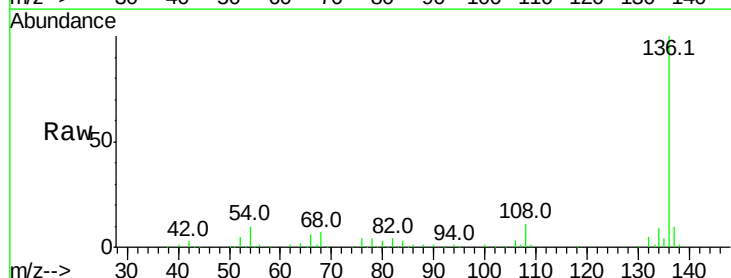
Delta R.T. -0.01 min

Lab File: BG021728.D

Acq: 18 Apr 2016 7:10

Tgt Ion: 136 Resp: 152482

Ion	Ratio	Lower	Upper
136	100		
137	9.7	9.0	13.4
54	10.3	9.6	14.4
68	6.5	6.4	9.6



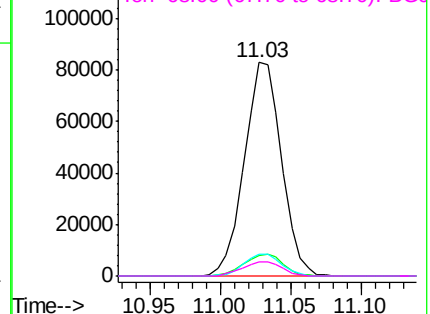
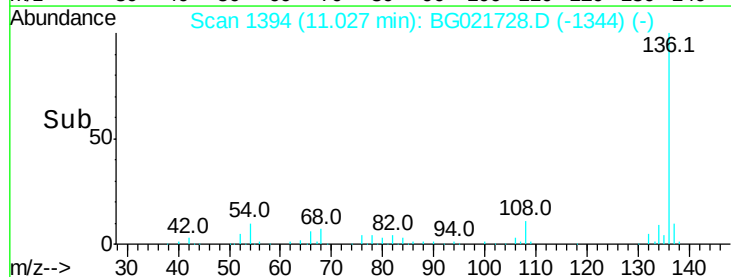
Abundance

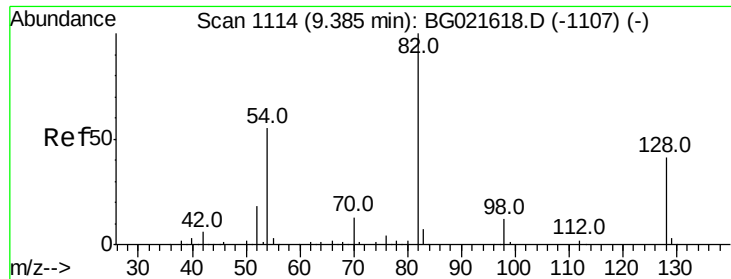
Ion 136.00 (135.70 to 136.70): BGC

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

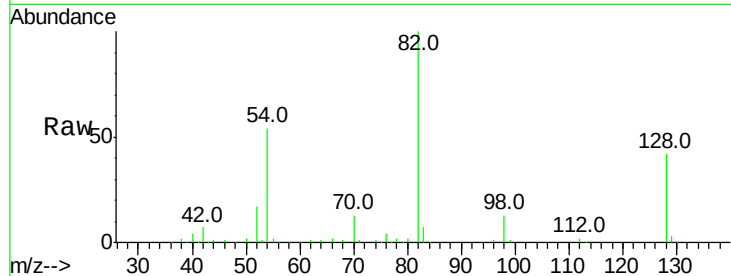




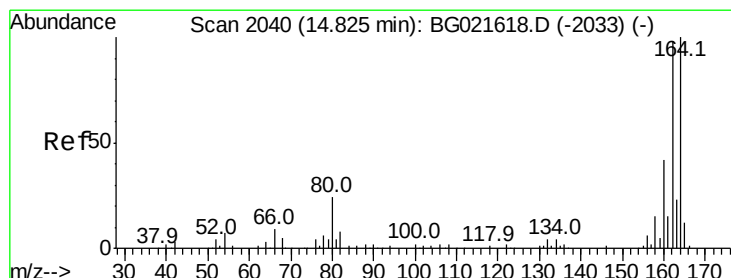
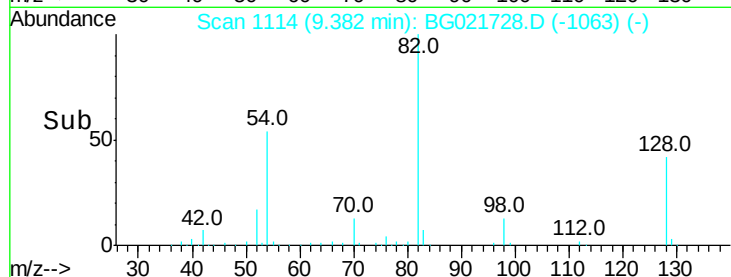
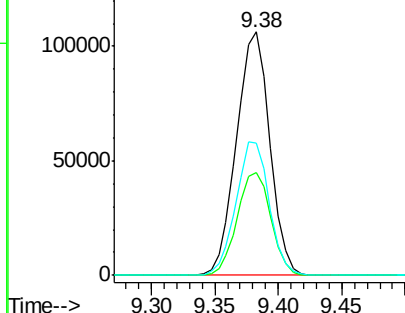
#23
 Nitrobenzene-d5
 Concen: 65.23 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BG021728.D
 Acq: 18 Apr 2016 7:10

Instrument :
 BNA_G
 ClientSampled :
 ACF-SW-2

Tot Ion	82	Resp	193500
Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.4	50.0
54	54.2	46.1	69.1

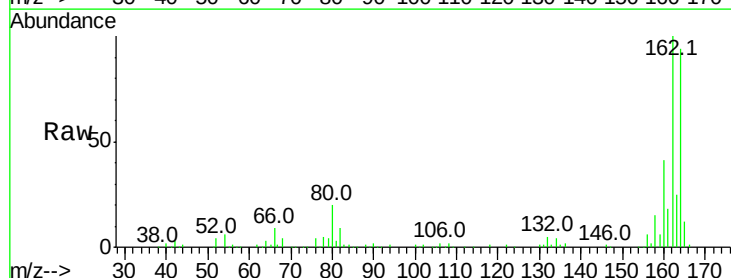


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

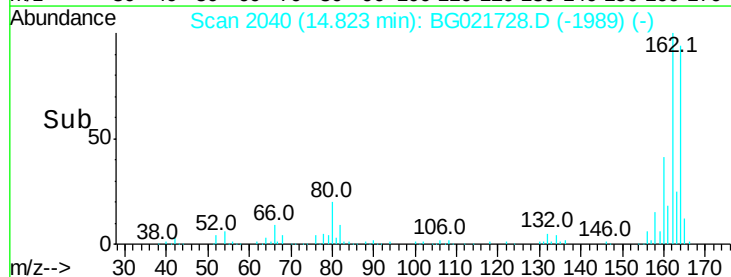
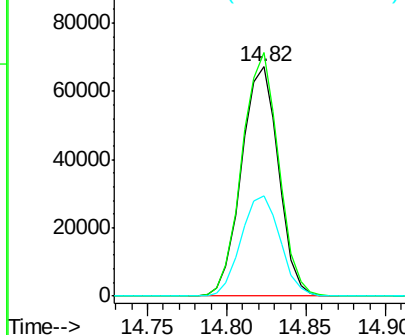


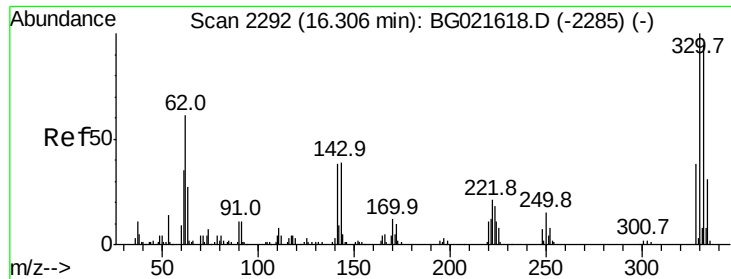
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BG021728.D
 Acq: 18 Apr 2016 7:10

Tgt Ion	164	Resp	108855
Ion	Ratio	Lower	Upper
164	100		
162	106.2	78.0	117.0
160	43.8	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

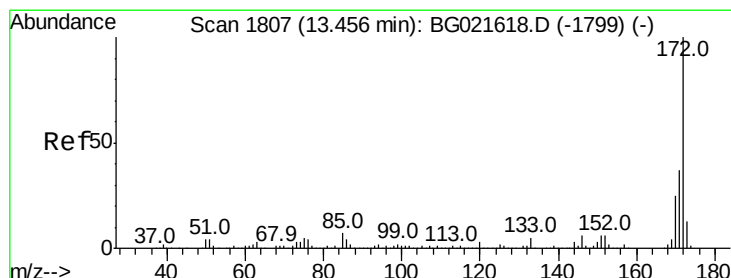
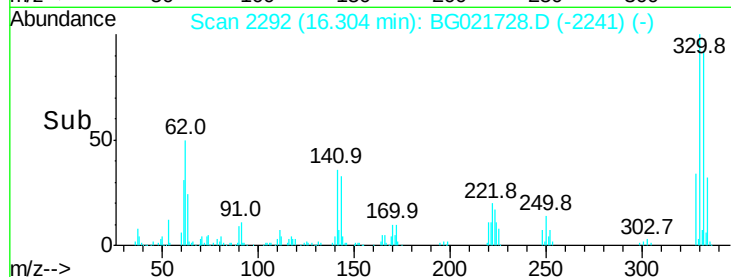
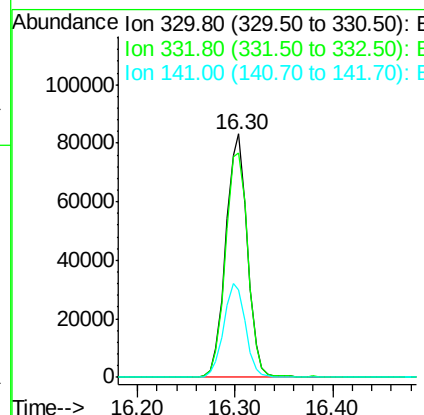
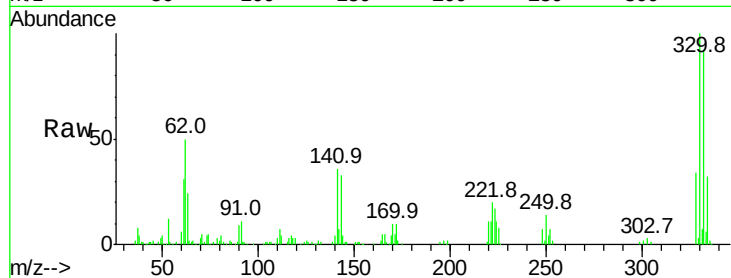




#41
 2,4,6-Tribromophenol
 Concen: 108.50 ng
 RT: 16.30 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BG021728.D
 Acq: 18 Apr 2016 7:10

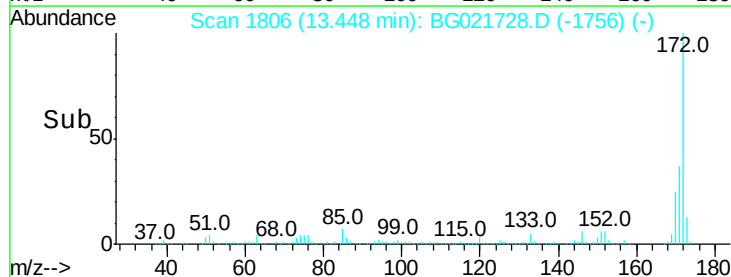
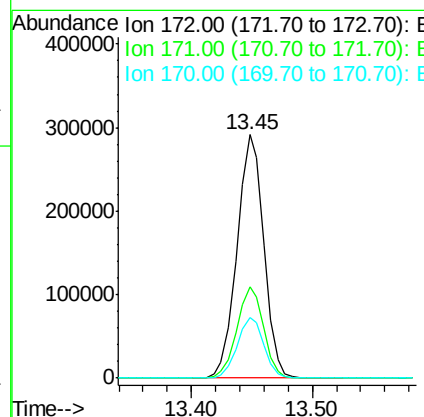
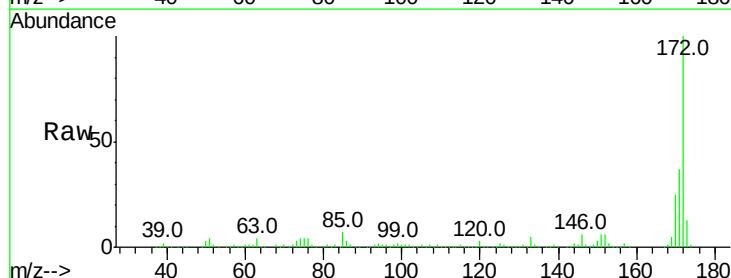
Instrument :
 BNA_G
 ClientSampleId :
 ACF-SW-2

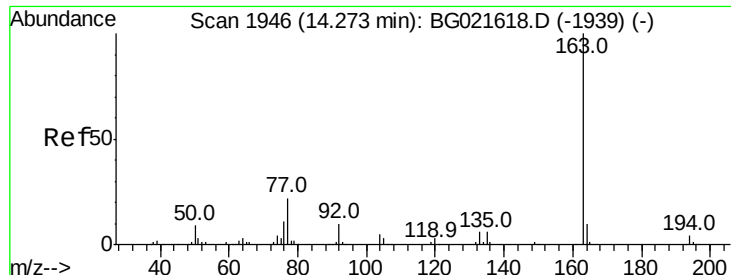
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.0	117.0
141	39.0	33.8	50.8



#44
 2-Fluorobiphenyl
 Concen: 60.26 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG021728.D
 Acq: 18 Apr 2016 7:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	27.8	41.6
170	24.9	19.6	29.4





#49

Dimethylphthalate

Concen: 6.39 ng

RT: 14.26 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG021728.D

Acq: 18 Apr 2016 7:10

Instrument :

BNA_G

ClientSampled :

ACF-SW-2

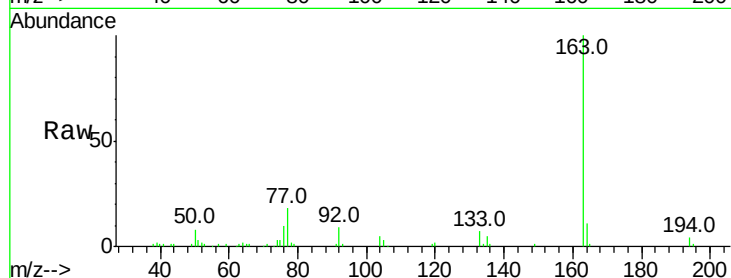
Tot Ion:163 Resp: 60106

Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.6

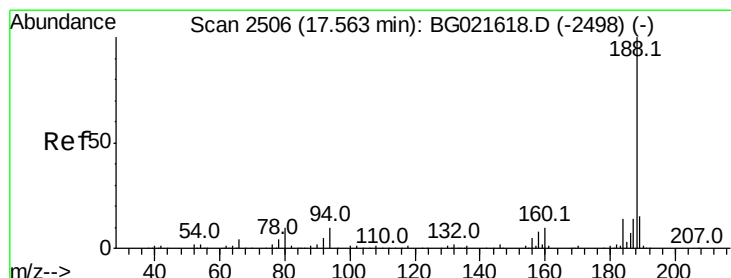
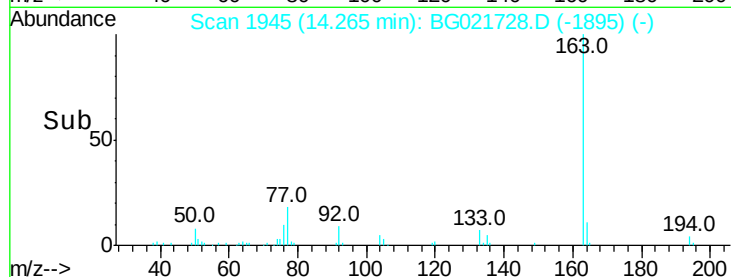
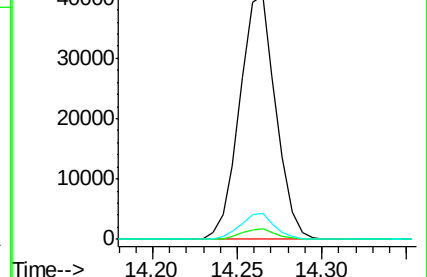
164 10.5 8.1 12.1



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: BG021728.D

Acq: 18 Apr 2016 7:10

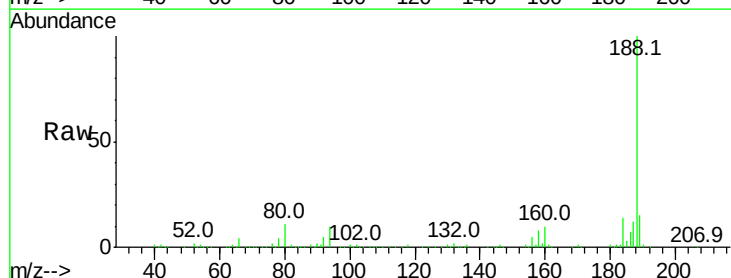
Tgt Ion:188 Resp: 232702

Ion Ratio Lower Upper

188 100

94 9.5 7.5 11.3

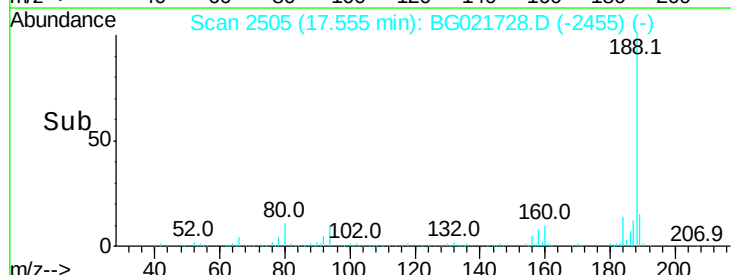
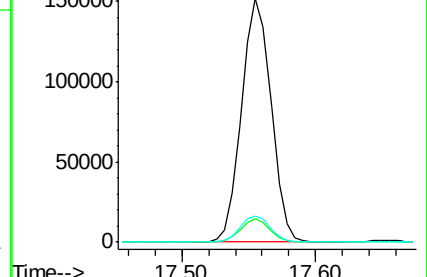
80 10.5 8.6 13.0

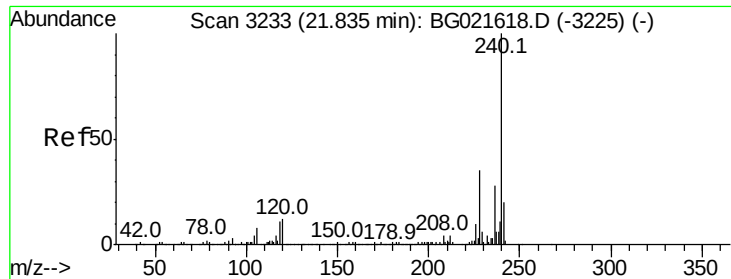


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.83 min Scan# 3232

Delta R.T. -0.01 min

Lab File: BG021728.D

Acq: 18 Apr 2016 7:10

Instrument :

BNA_G

ClientSampleId :

ACF-SW-2

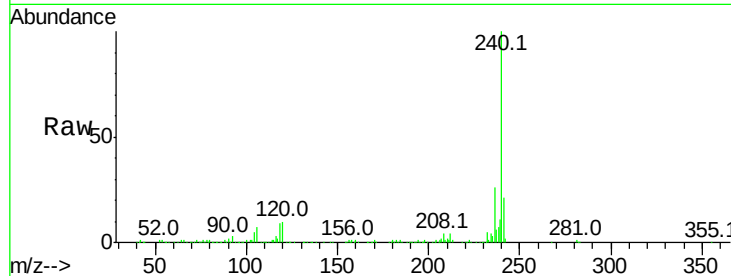
Tot Ion:240 Resp: 249032

Ion Ratio Lower Upper

240 100

120 9.6 8.4 12.6

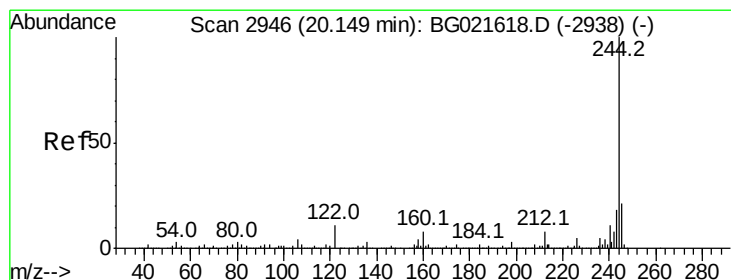
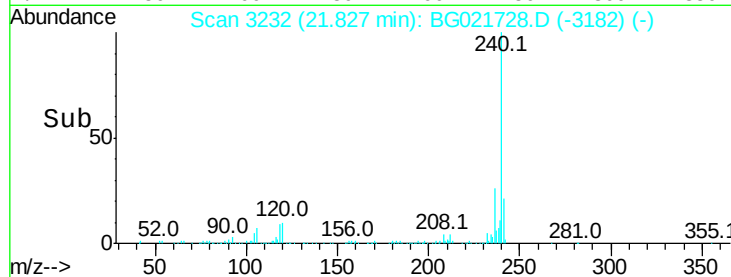
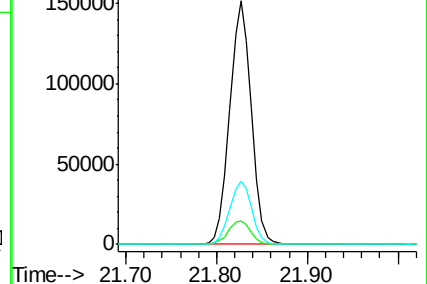
236 26.2 19.6 29.4



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: 59.02 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BG021728.D

Acq: 18 Apr 2016 7:10

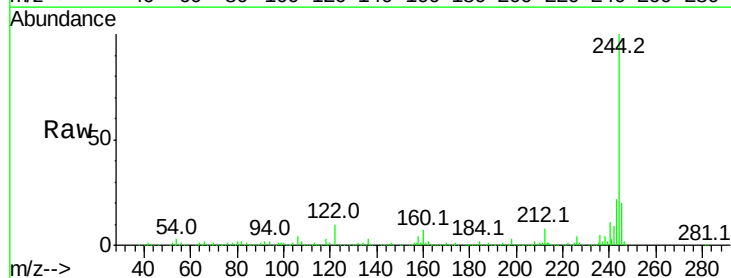
Tgt Ion:244 Resp: 588998

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

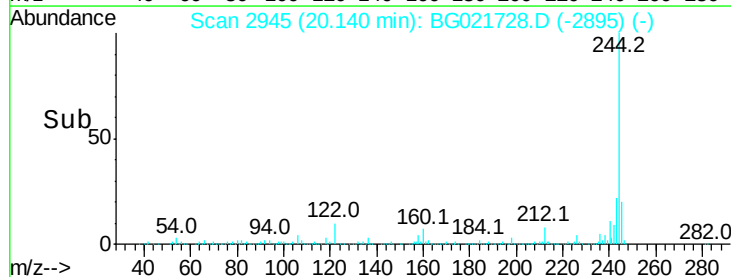
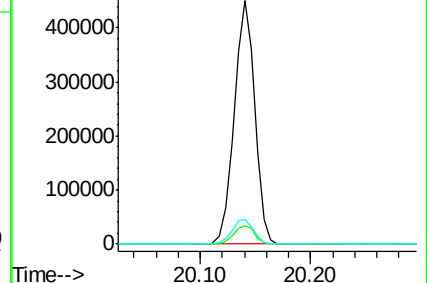
122 10.4 8.6 12.8

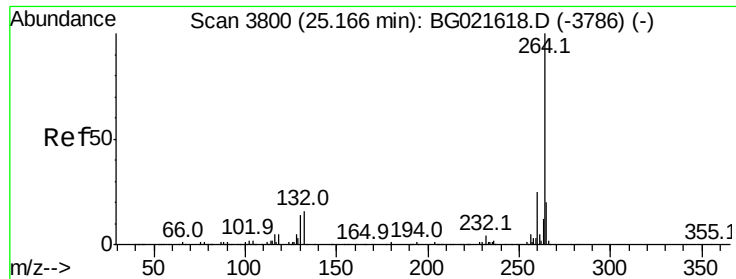


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.16 min Scan# 3799
Delta R.T. -0.01 min
Lab File: BG021728.D
Acq: 18 Apr 2016 7:10

Instrument :
BNA_G
ClientSampleId :
ACF-SW-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.2	30.4
265	22.4	17.8	26.8

