

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

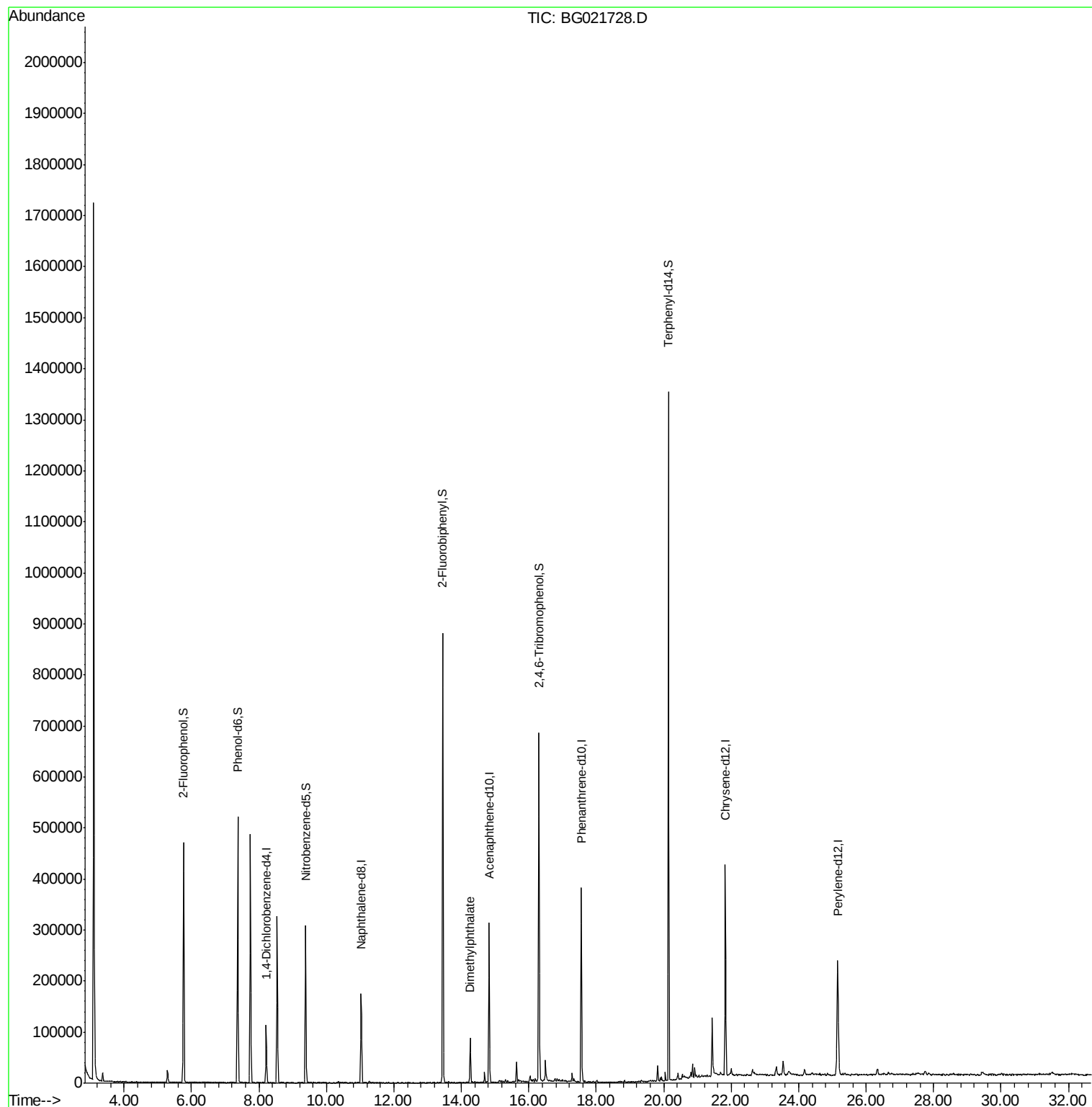
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	31101	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	152482	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	108855	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	232702	20.00	ng	0.00
75) Chrysene-d12	21.83	240	249032	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

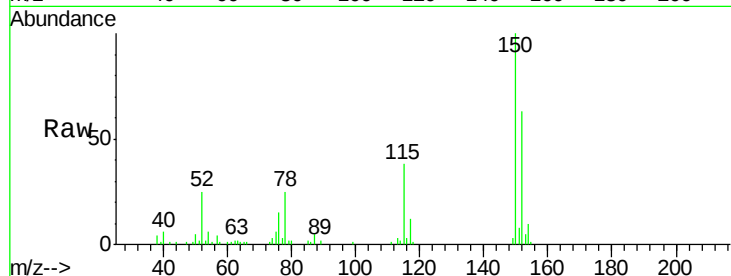
Tgt Ion:152 Resp: 31101

Ion Ratio Lower Upper

152 100

150 159.8 130.1 195.1

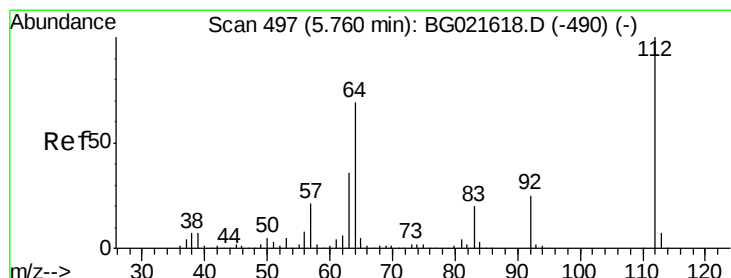
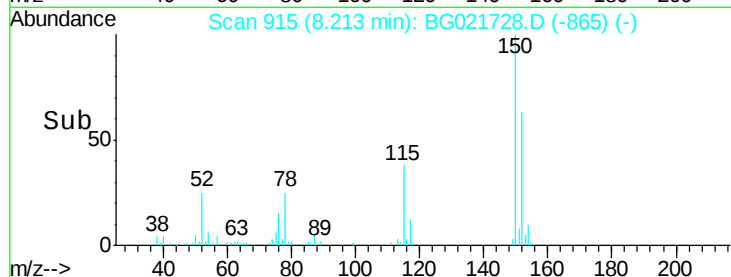
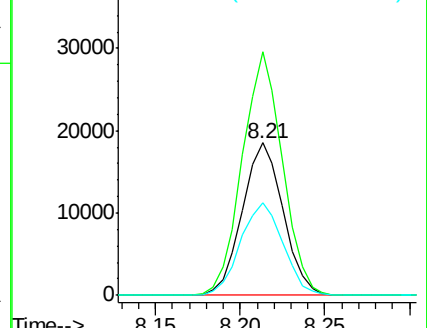
115 61.1 62.2 93.2#



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

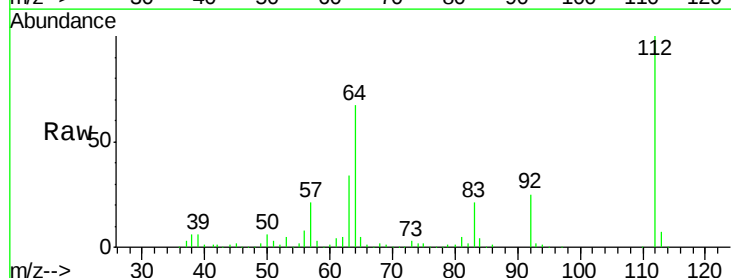
Tgt Ion:112 Resp: 207843

Ion Ratio Lower Upper

112 100

64 67.4 51.1 76.7

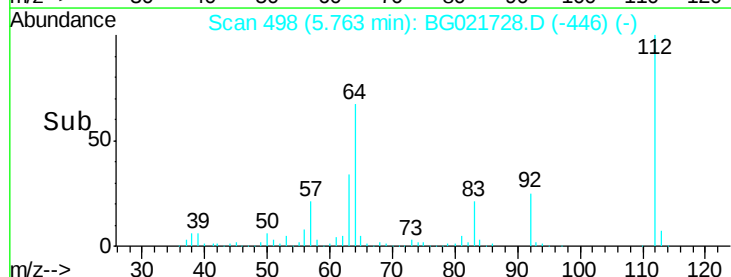
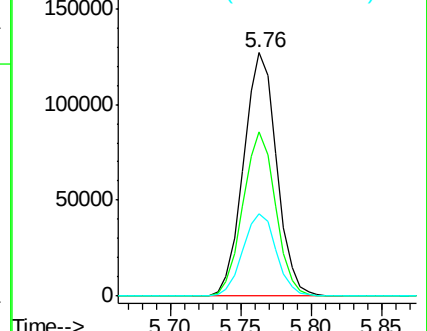
63 33.9 24.6 37.0

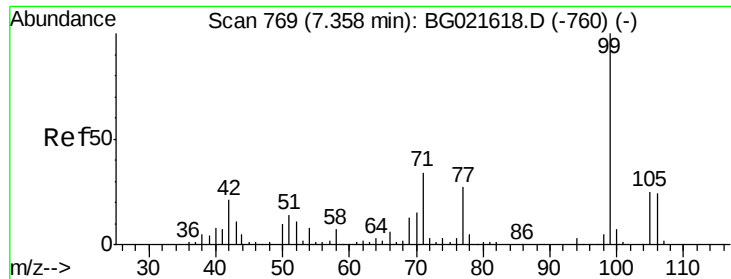


Abundance Ion 112.00 (111.70 to 112.70): E

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

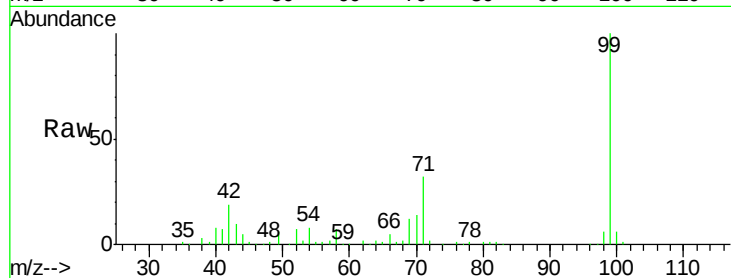
Tgt Ion: 99 Resp: 312053

Ion Ratio Lower Upper

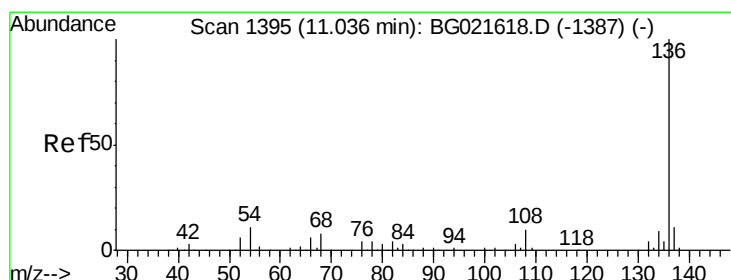
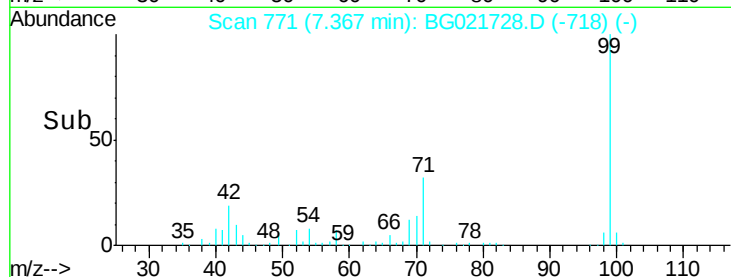
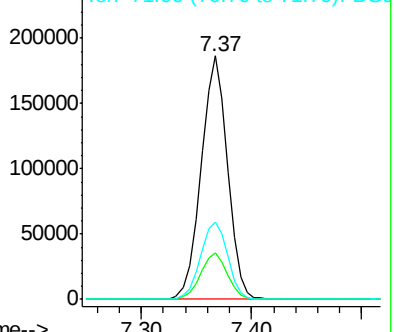
99 100

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

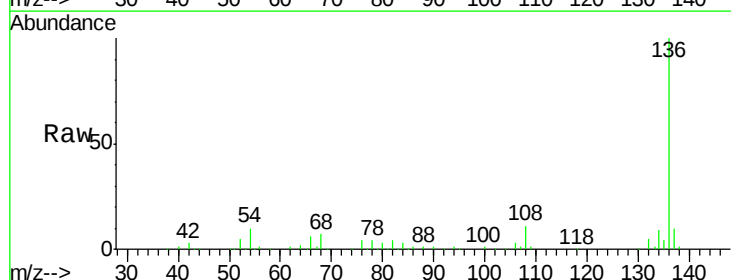
Ion Ratio Lower Upper

136 100

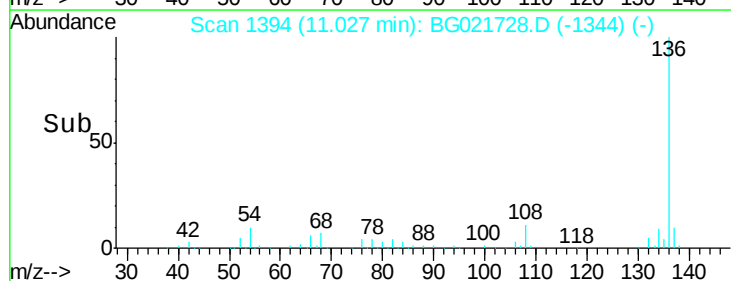
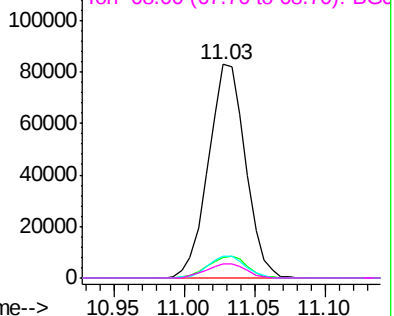
137 9.7 9.0 13.4

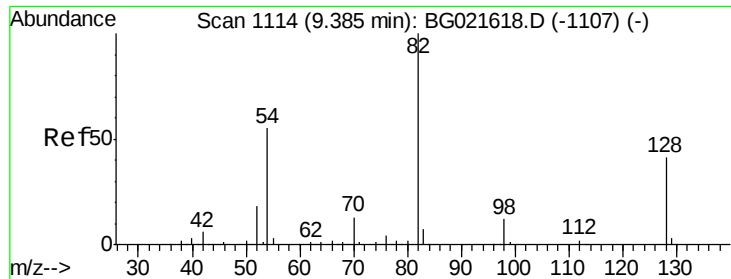
54 10.3 9.6 14.4

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

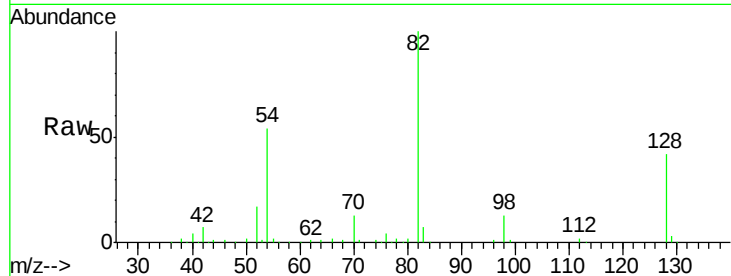




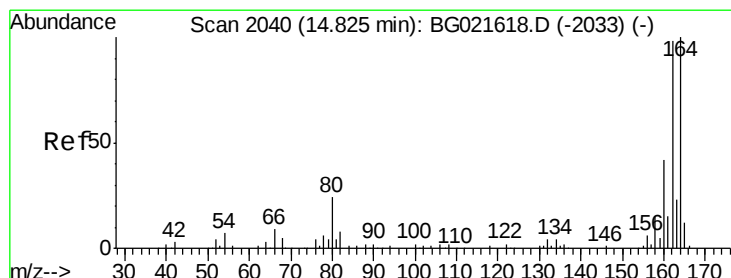
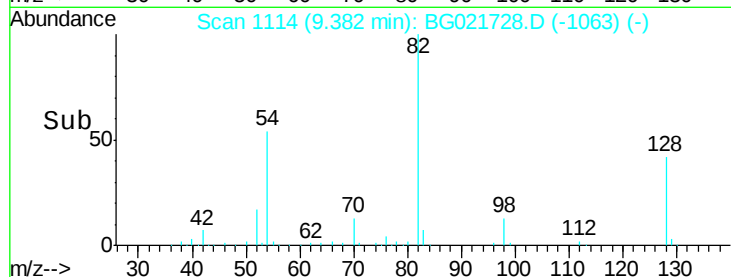
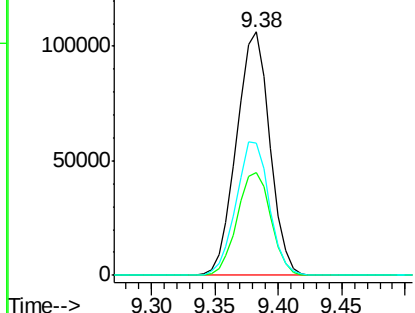
#23
 Nitrobenzene-d5
 Concen: 65.23 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BG021728.D
 Acq: 18 Apr 2016 7:10

Instrument :
 BNA_G
 ClientSampled :
 ACF-SW-2

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.4	50.0
54	54.2	46.1	69.1

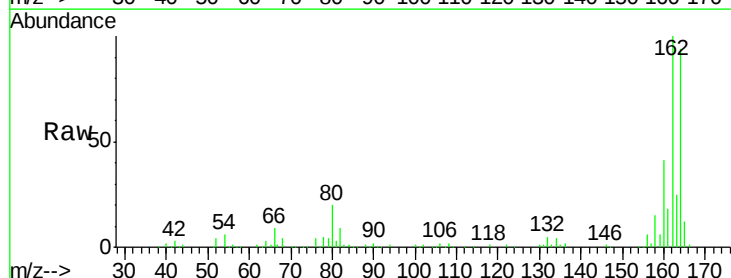


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

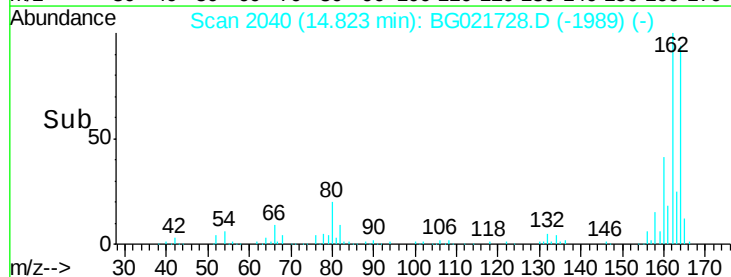
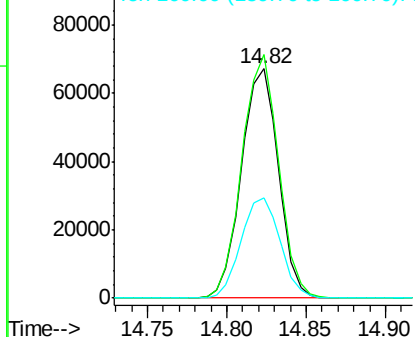


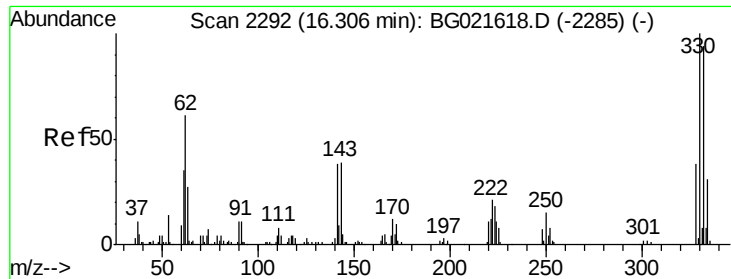
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BG021728.D
 Acq: 18 Apr 2016 7:10

Tgt Ion	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

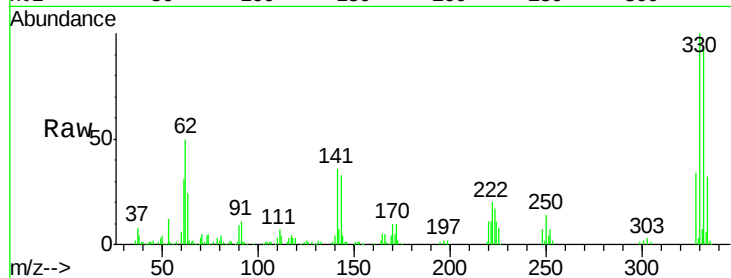




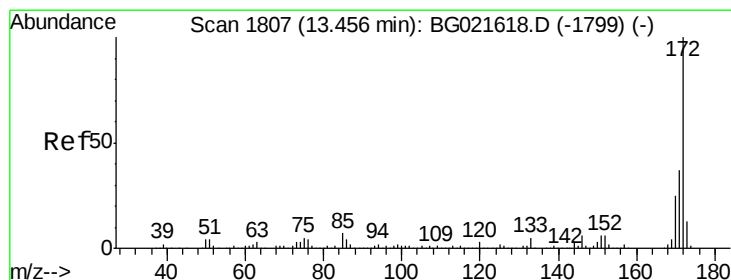
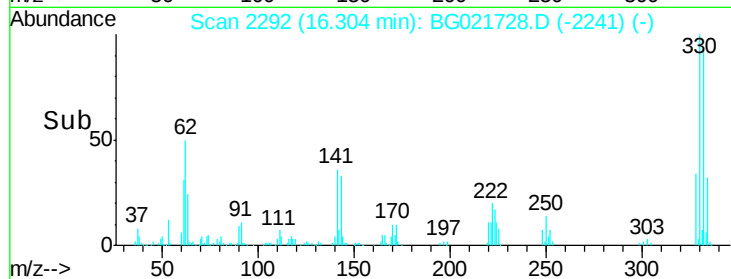
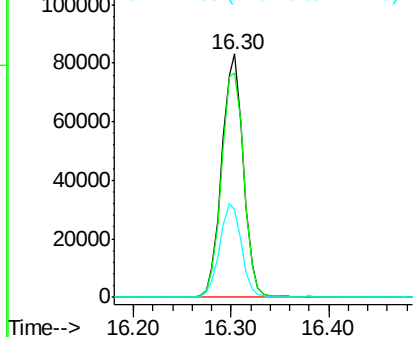
#41
 2,4,6-Tribromophenol
 Concen: 108.50 ng
 RT: 16.30 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BG021728.D
 Acq: 18 Apr 2016 7:10

Instrument :
 BNA_G
 ClientSampleId :
 ACF-SW-2

Tgt Ion:330 Resp: 127286
 Ion Ratio Lower Upper
 330 100
 332 96.5 78.0 117.0
 141 39.0 33.8 50.8

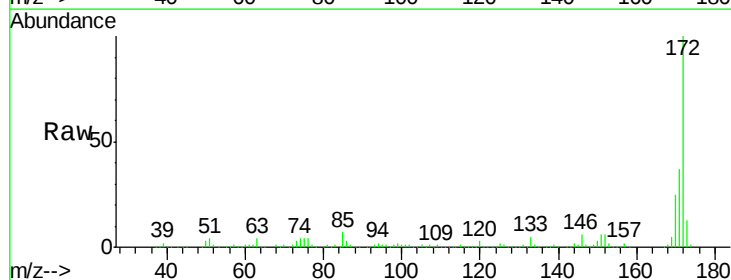


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

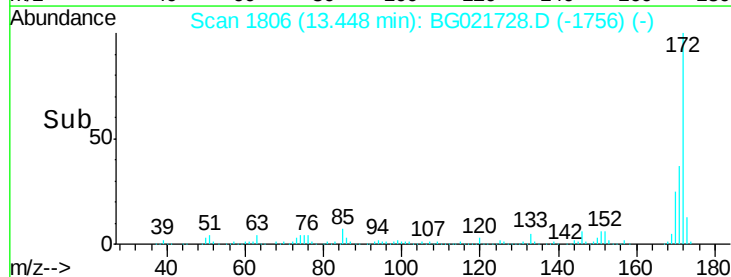
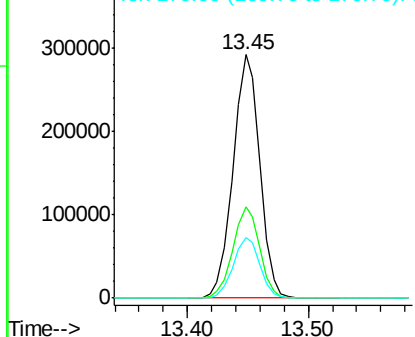


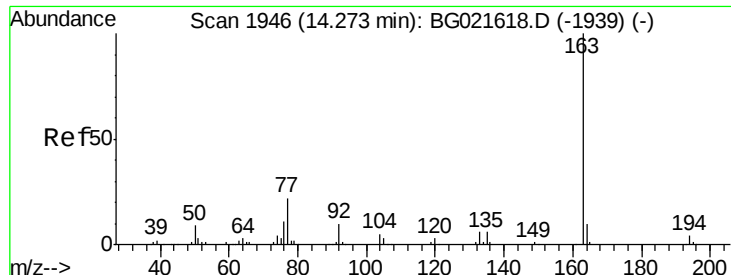
#44
 2-Fluorobiphenyl
 Concen: 60.26 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG021728.D
 Acq: 18 Apr 2016 7:10

Tgt Ion:172 Resp: 447683
 Ion Ratio Lower Upper
 172 100
 171 37.4 27.8 41.6
 170 24.9 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: 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

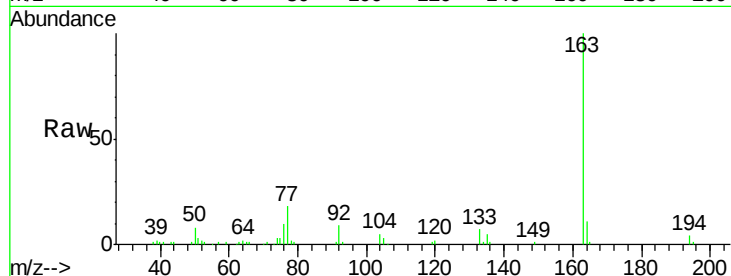
Instrument :

BNA_G

ClientSampleId :

ACF-SW-2

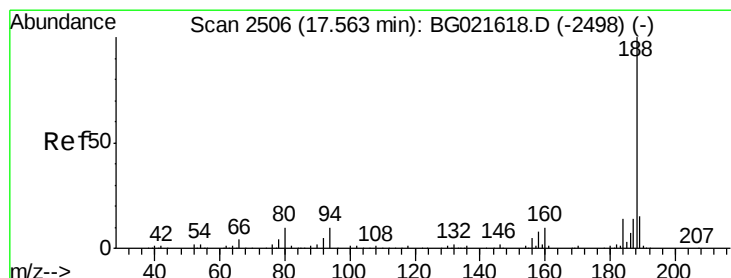
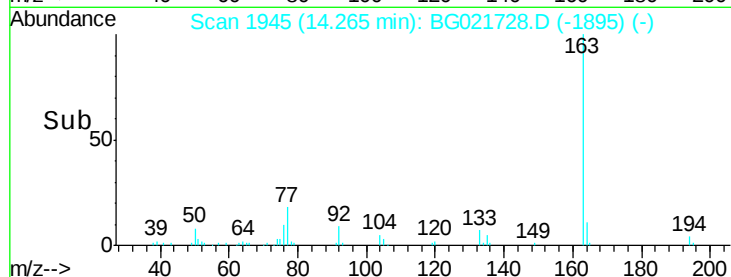
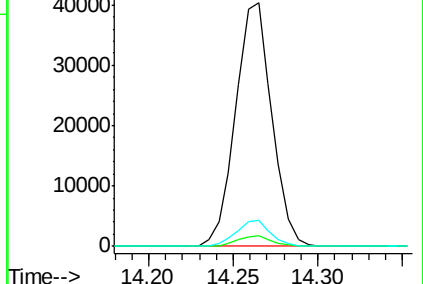
Tgt Ion:	163	Resp:	60106
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.0	4.6
164	10.5	8.1	12.1



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

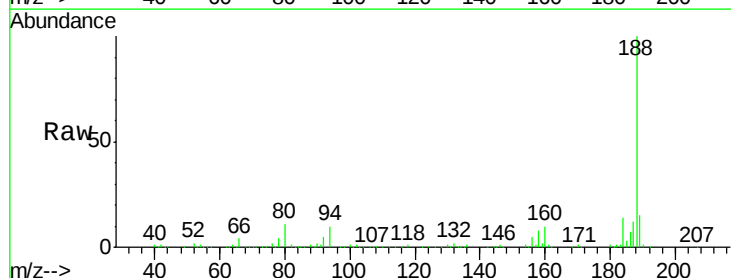
RT: 17.56 min Scan# 2505

Delta R.T. -0.01 min

Lab File: BG021728.D

Acq: 18 Apr 2016 7:10

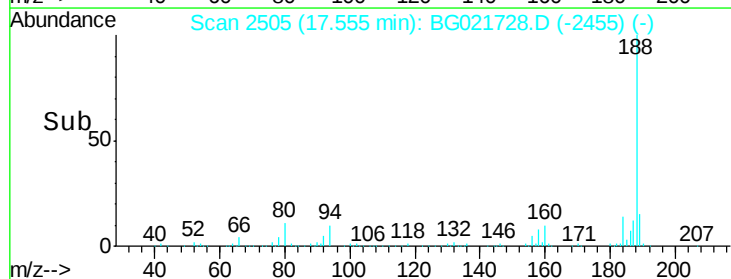
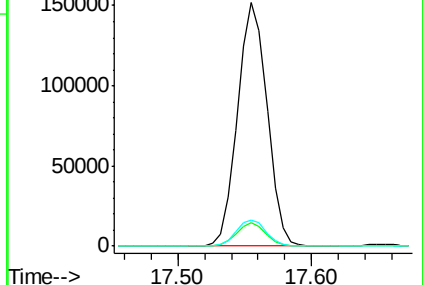
Tgt Ion:	188	Resp:	232702
Ion Ratio	Lower	Upper	
188	100		
94	9.5	7.5	11.3
80	10.5	8.6	13.0

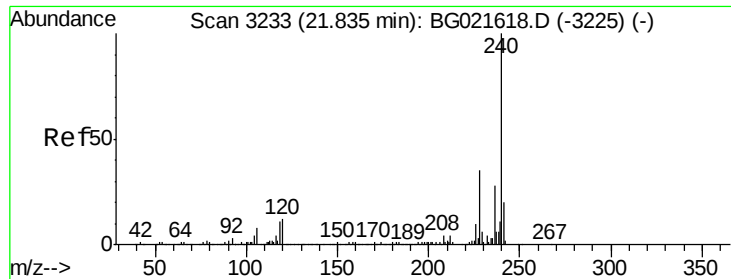


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

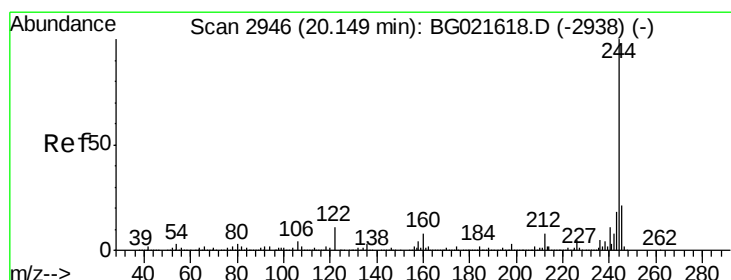
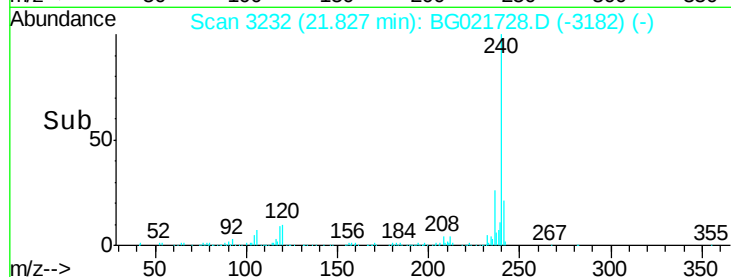
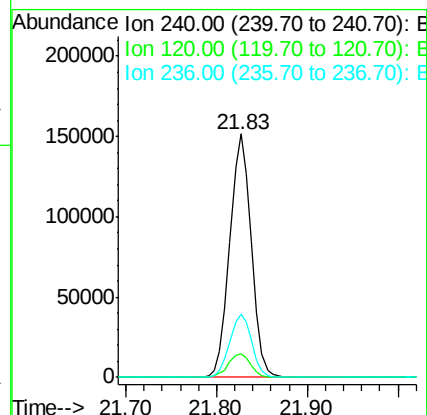
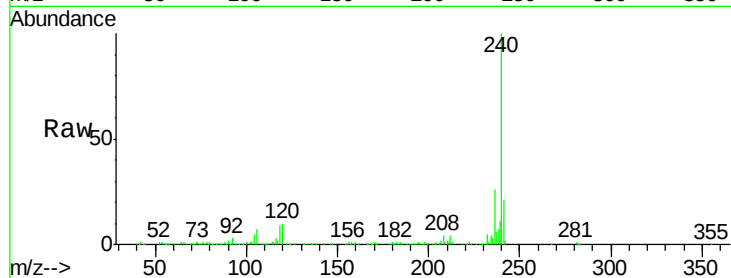




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3232
Delta R.T. -0.01 min
Lab File: BG021728.D
Acq: 18 Apr 2016 7:10

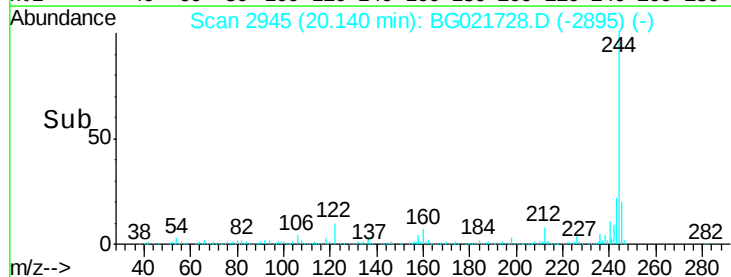
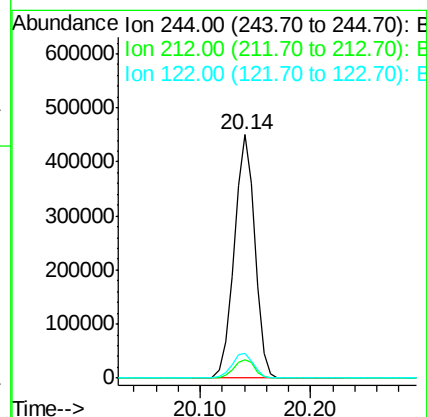
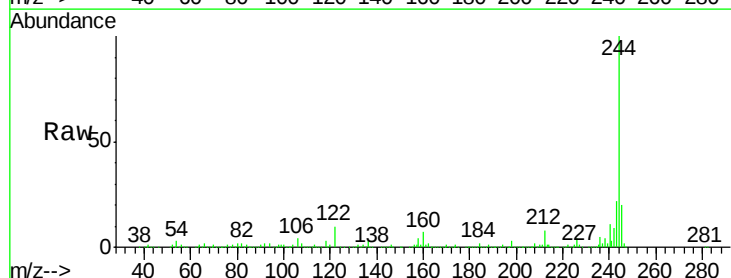
Instrument :
BNA_G
ClientSampleId :
ACF-SW-2

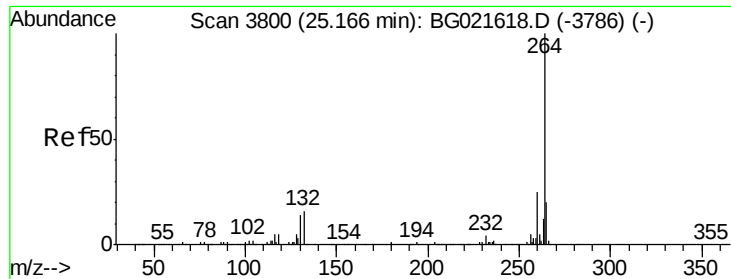
Tgt Ion:240 Resp: 249032
Ion Ratio Lower Upper
240 100
120 9.6 8.4 12.6
236 26.2 19.6 29.4



#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





#86

Perylene-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

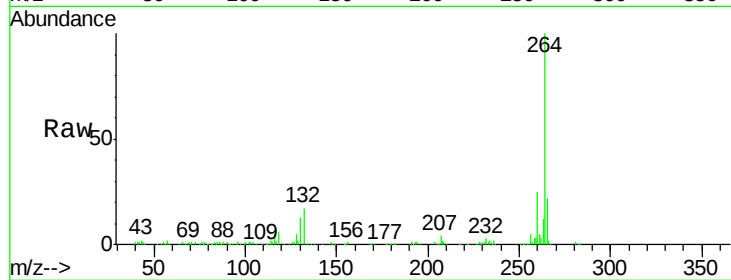
Tgt Ion: 264 Resp: 242578

Ion Ratio Lower Upper

264 100

260 24.6 20.2 30.4

265 22.4 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

