

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041816\
 Data File : BG021725.D
 Acq On : 18 Apr 2016 5:12
 Operator : UM/SJ
 Sample : H2513-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ACF-NW-2

Quant Time: Apr 18 07:14:06 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

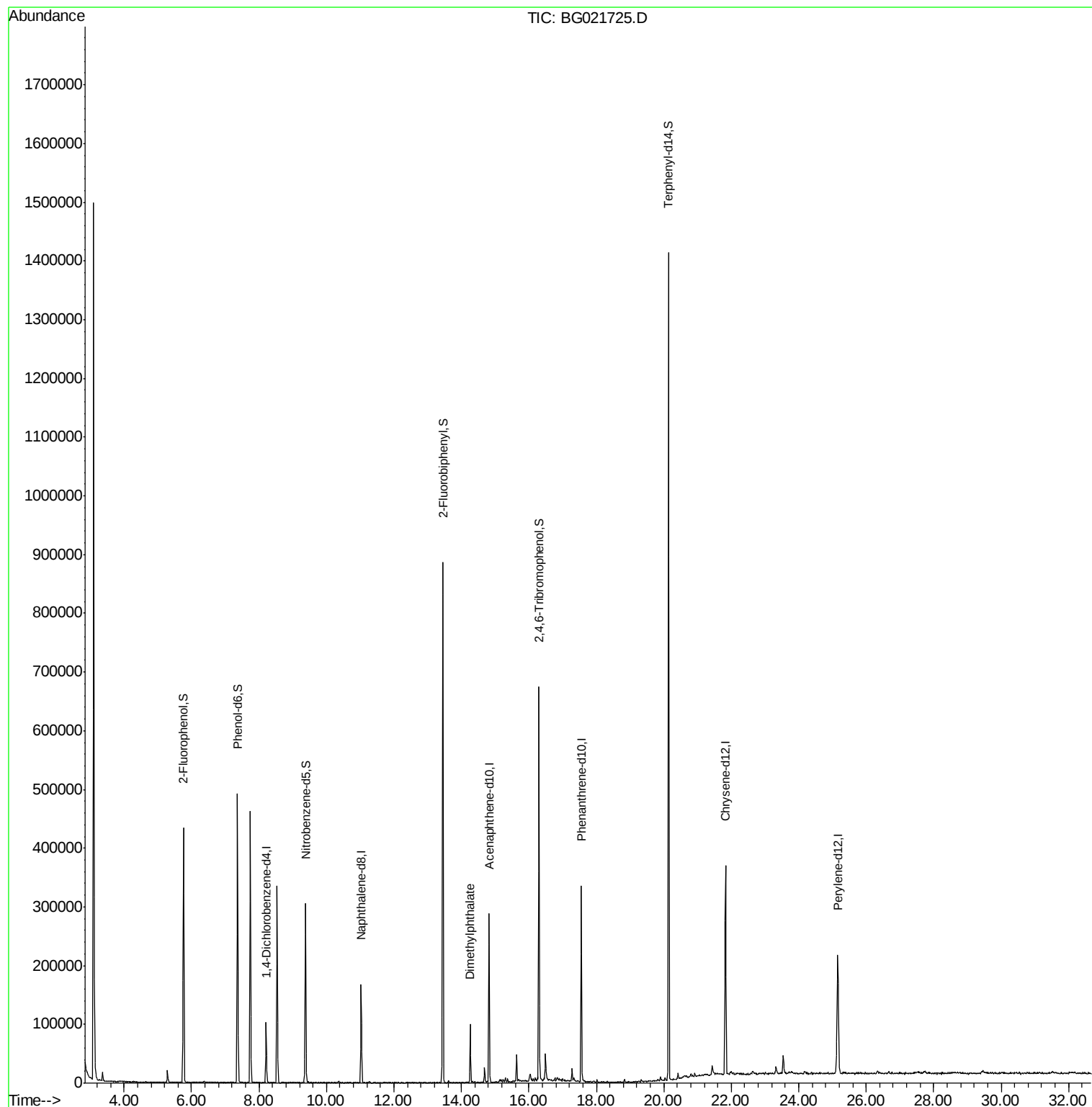
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	30290	20.00	ng	-0.01
21) Naphthalene-d8	11.03	136	142335	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	101803	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	212950	20.00	ng	0.00
75) Chrysene-d12	21.83	240	226336	20.00	ng	0.00
86) Perylene-d12	25.15	264	221918	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	194836	107.12	ng	0.00
7) Phenol-d6	7.36	99	299885	110.37	ng	0.00
23) Nitrobenzene-d5	9.38	82	189684	68.50	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	119761	109.15	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	467356	67.26	ng	0.00
78) Terphenyl-d14	20.14	244	630641	69.52	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.26	163	64443	7.32	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# 914

Delta R.T. -0.01 min

Lab File: BG021725.D

Acq: 18 Apr 2016 5:12

Instrument :

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ClientSampleId :

ACF-NW-2

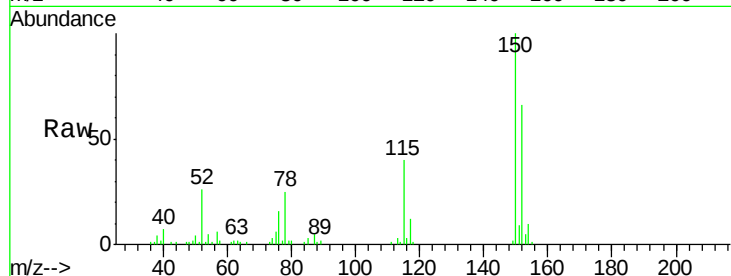
Tgt Ion:152 Resp: 30290

Ion Ratio Lower Upper

152 100

150 151.2 130.1 195.1

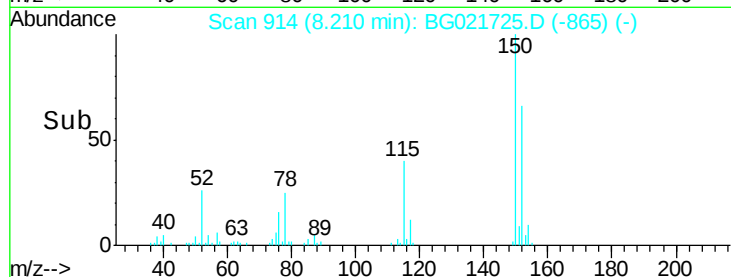
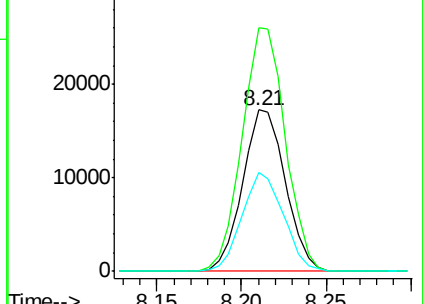
115 61.1 62.2 93.2#



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: 107.12 ng

RT: 5.77 min Scan# 498

Delta R.T. 0.01 min

Lab File: BG021725.D

Acq: 18 Apr 2016 5:12

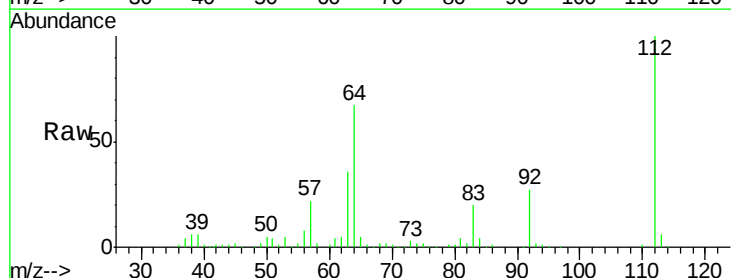
Tgt Ion:112 Resp: 194836

Ion Ratio Lower Upper

112 100

64 66.6 51.1 76.7

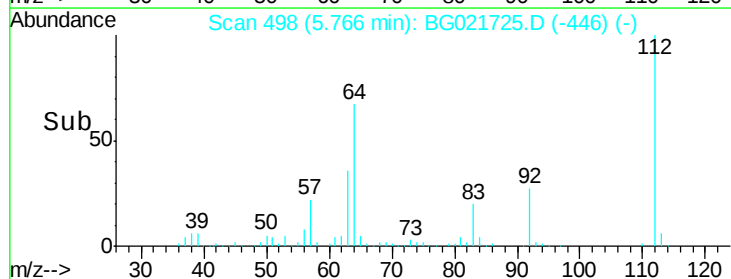
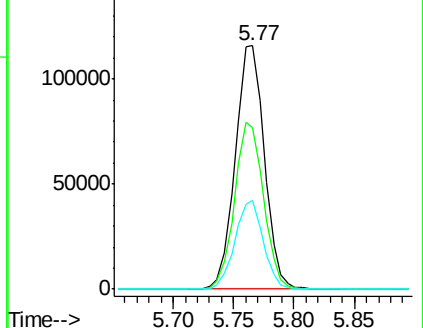
63 36.3 24.6 37.0

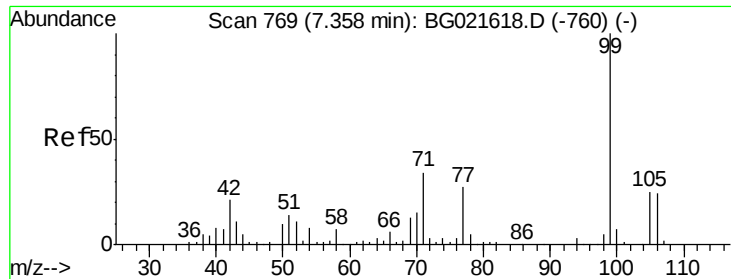


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 110.37 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.01 min

Lab File: BG021725.D

Acq: 18 Apr 2016 5:12

Instrument :

BNA_G

ClientSampleId :

ACF-NW-2

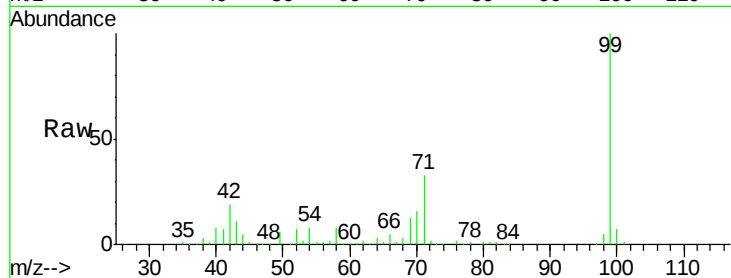
Tgt Ion: 99 Resp: 299885

Ion Ratio Lower Upper

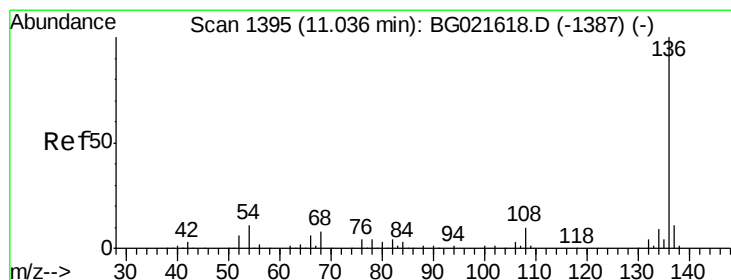
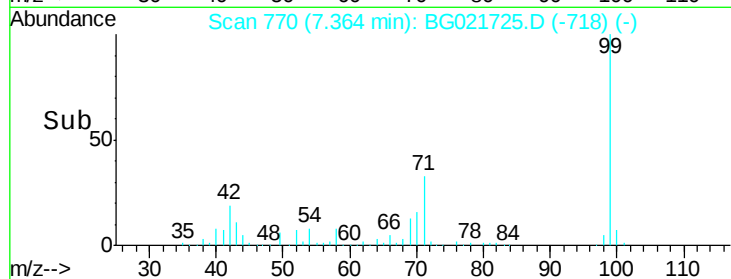
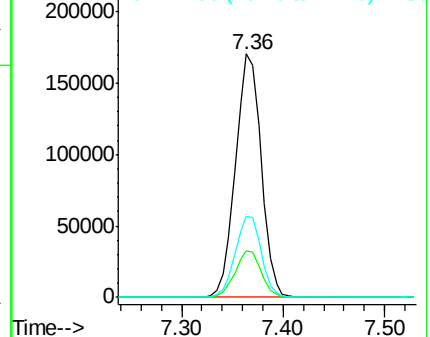
99 100

42 19.3 16.4 24.6

71 33.1 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: 11.03 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BG021725.D

Acq: 18 Apr 2016 5:12

Tgt Ion: 136 Resp: 142335

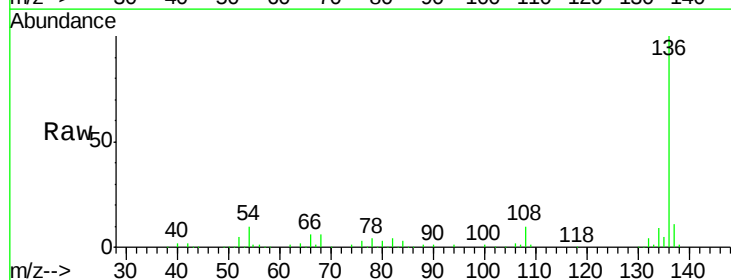
Ion Ratio Lower Upper

136 100

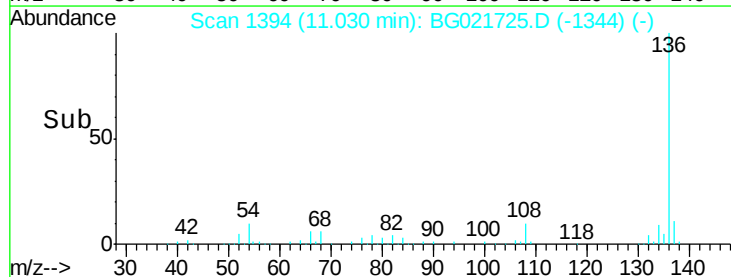
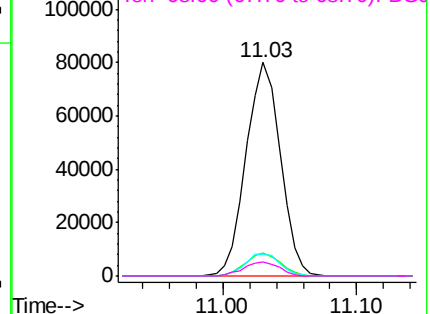
137 10.9 9.0 13.4

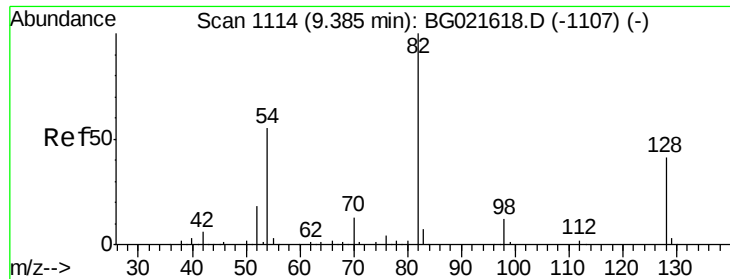
54 10.0 9.6 14.4

68 6.4 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

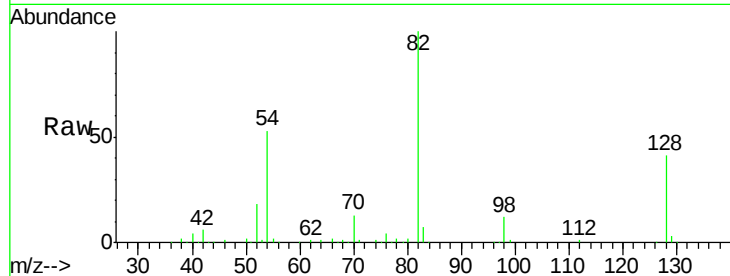




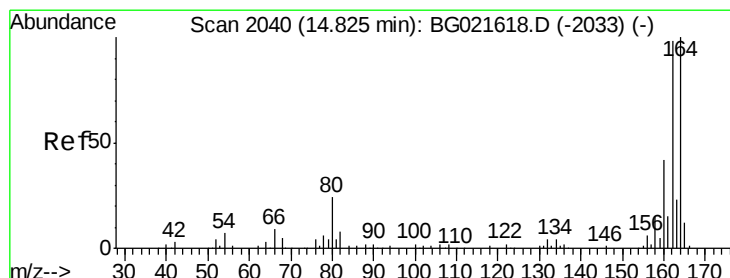
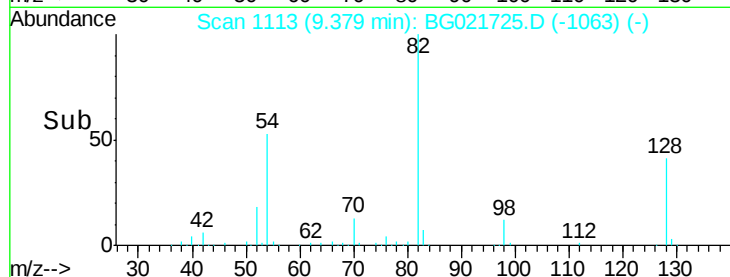
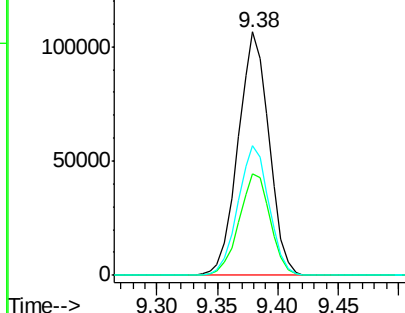
#23
 Nitrobenzene-d5
 Concen: 68.50 ng
 RT: 9.38 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: BG021725.D
 Acq: 18 Apr 2016 5:12

Instrument :
 BNA_G
 ClientSampleId :
 ACF-NW-2

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.4	50.0
54	53.2	46.1	69.1

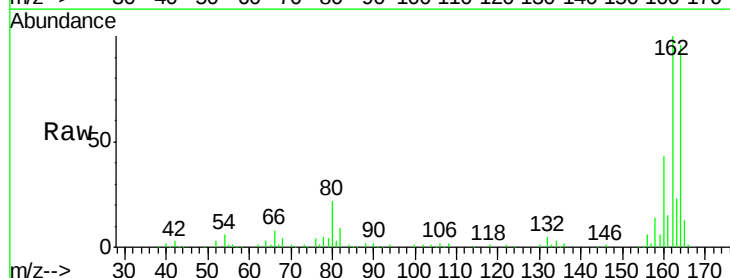


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

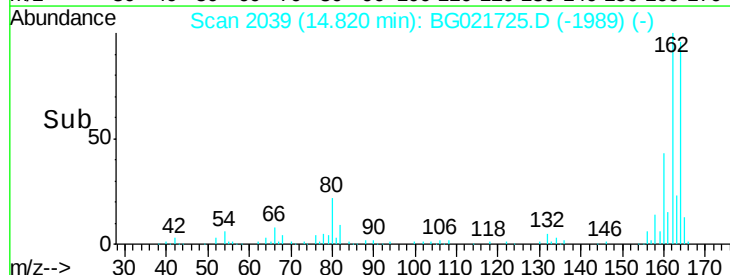
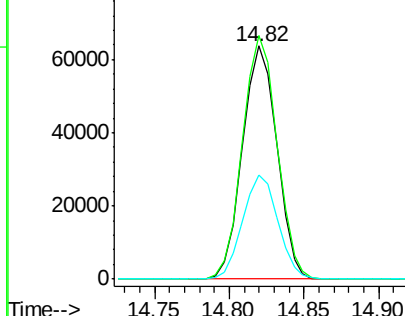


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BG021725.D
 Acq: 18 Apr 2016 5:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	78.0	117.0
160	44.4	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

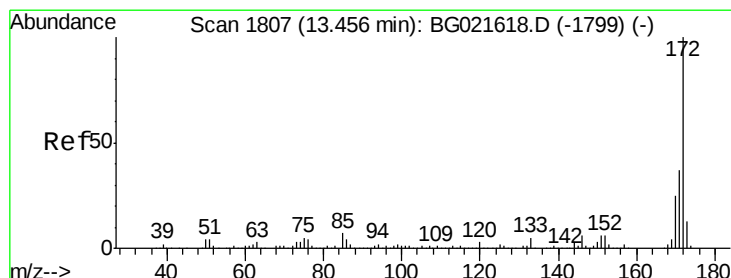
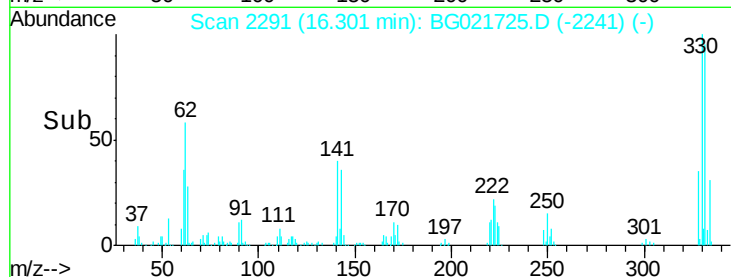
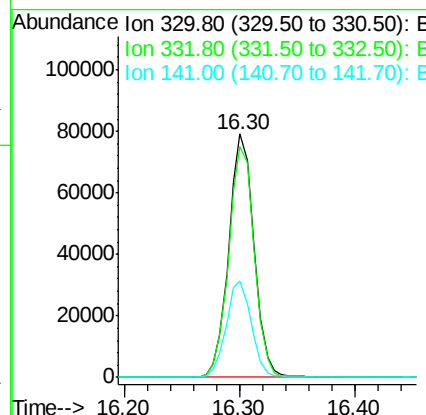
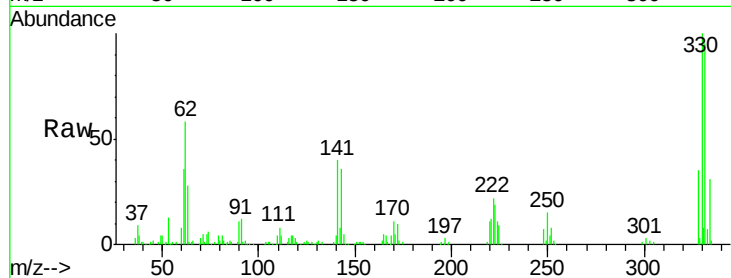




#41
 2,4,6-Tribromophenol
 Concen: 109.15 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BG021725.D
 Acq: 18 Apr 2016 5:12

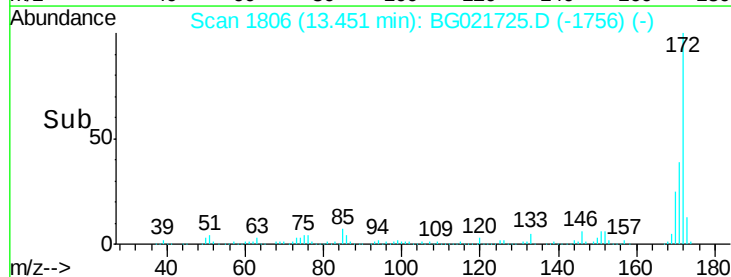
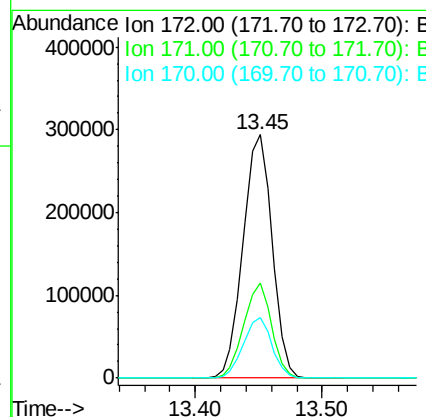
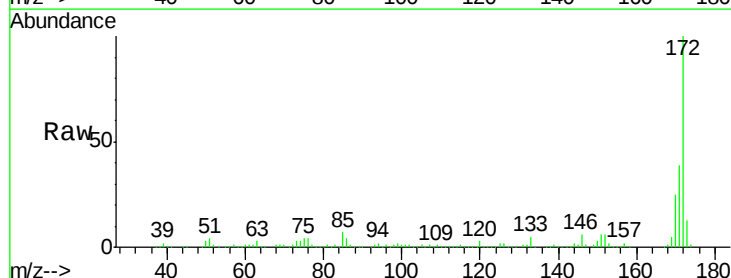
Instrument :
 BNA_G
 ClientSampleId :
 ACF-NW-2

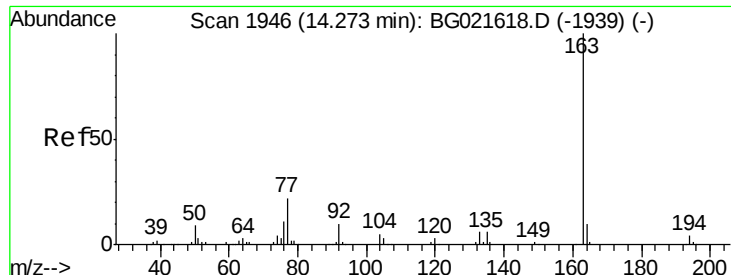
Tgt Ion:330 Resp: 119761
 Ion Ratio Lower Upper
 330 100
 332 96.2 78.0 117.0
 141 39.8 33.8 50.8



#44
 2-Fluorobiphenyl
 Concen: 67.26 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG021725.D
 Acq: 18 Apr 2016 5:12

Tgt Ion:172 Resp: 467356
 Ion Ratio Lower Upper
 172 100
 171 39.0 27.8 41.6
 170 24.8 19.6 29.4





#49

Dimethylphthalate

Concen: 7.32 ng

RT: 14.26 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG021725.D

Acq: 18 Apr 2016 5:12

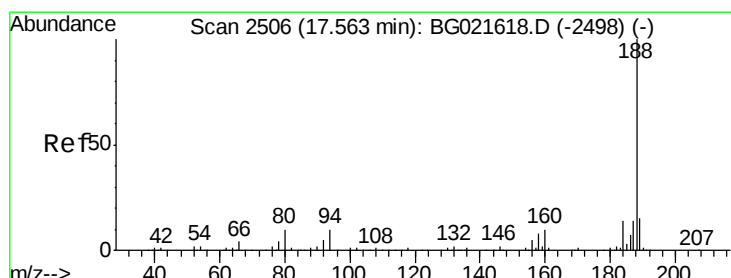
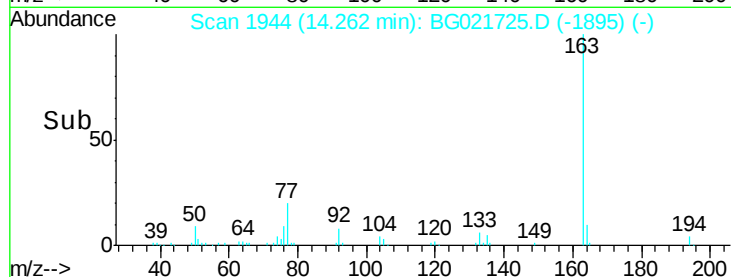
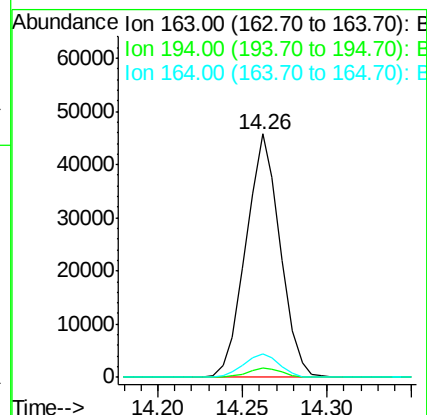
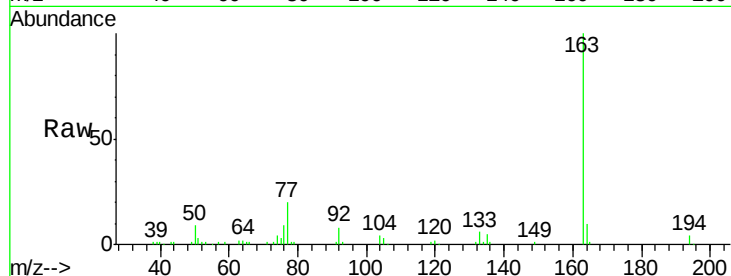
Instrument :

BNA_G

ClientSampleId :

ACF-NW-2

Tgt Ion:	163	Resp:	64443
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	9.9	8.1	12.1



#63

Phenanthrene-d10

Concen: 20.00 ng

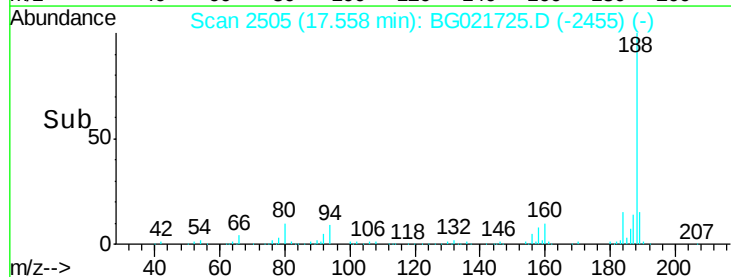
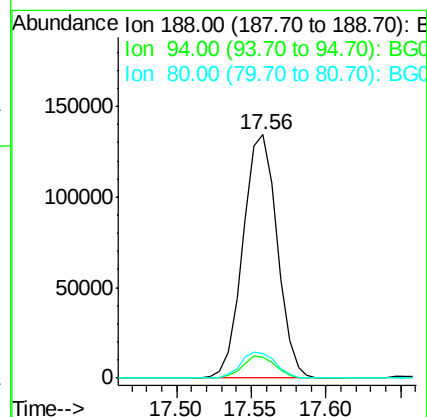
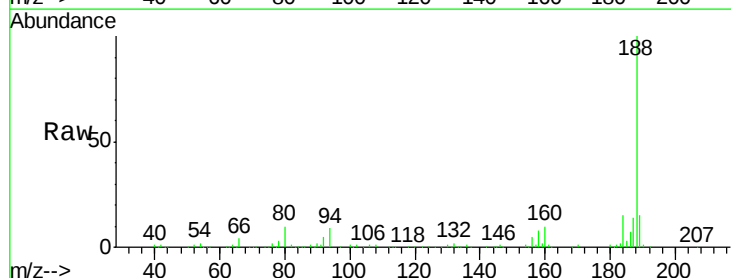
RT: 17.56 min Scan# 2505

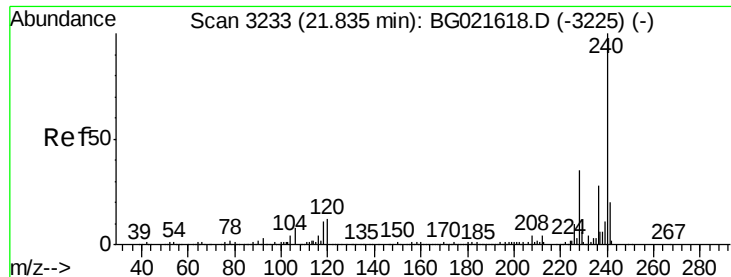
Delta R.T. -0.01 min

Lab File: BG021725.D

Acq: 18 Apr 2016 5:12

Tgt Ion:	188	Resp:	212950
Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.5	11.3
80	10.3	8.6	13.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.83 min Scan# 3232

Delta R.T. -0.01 min

Lab File: BG021725.D

Acq: 18 Apr 2016 5:12

Instrument :

BNA_G

ClientSampleId :

ACF-NW-2

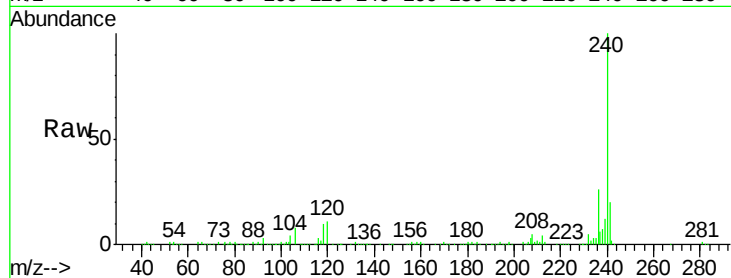
Tgt Ion:240 Resp: 226336

Ion Ratio Lower Upper

240 100

120 10.6 8.4 12.6

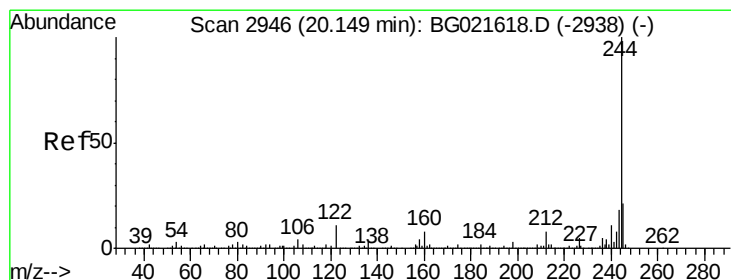
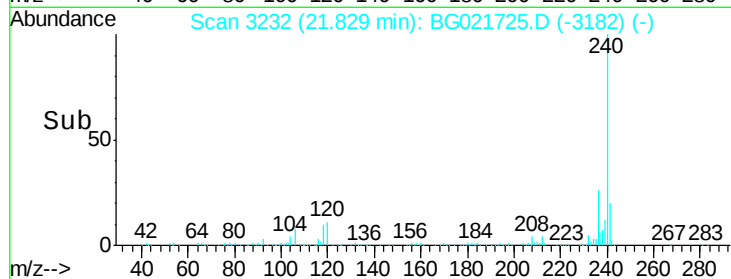
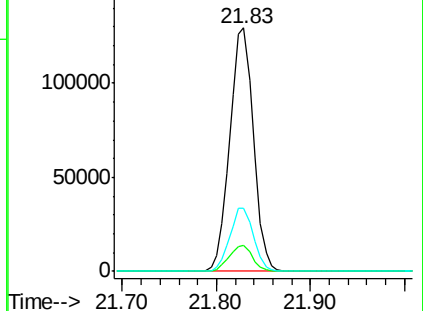
236 25.8 19.6 29.4



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: 69.52 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BG021725.D

Acq: 18 Apr 2016 5:12

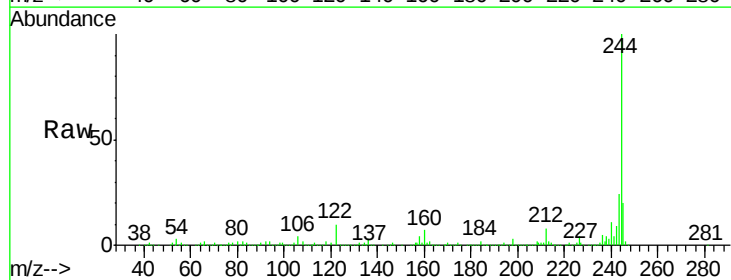
Tgt Ion:244 Resp: 630641

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

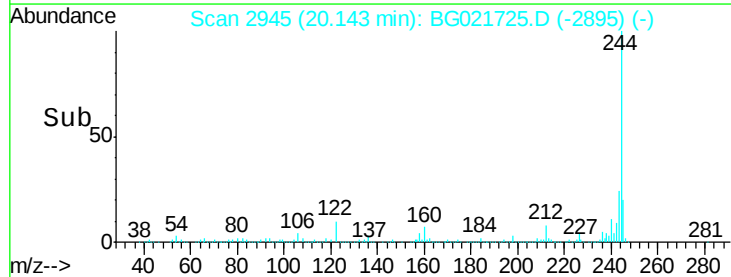
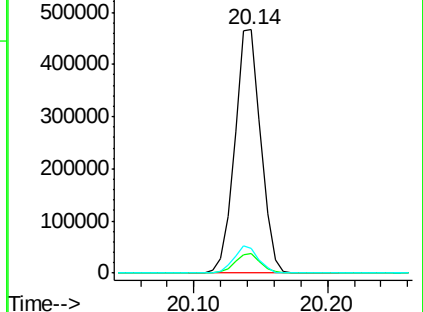
122 10.1 8.6 12.8

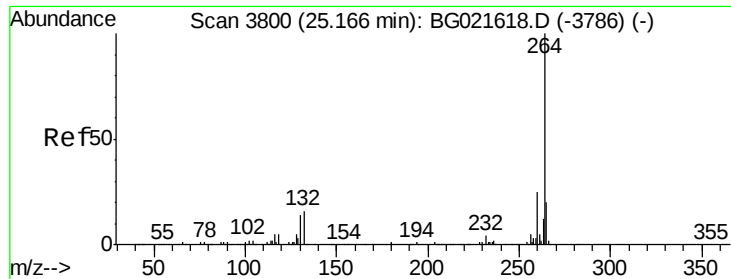


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.15 min Scan# 3798
Delta R.T. -0.01 min
Lab File: BG021725.D
Acq: 18 Apr 2016 5:12

Instrument :
BNA_G
ClientSampleId :
ACF-NW-2

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.2	30.4
265	20.8	17.8	26.8

