

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041816\
 Data File : BG021726.D
 Acq On : 18 Apr 2016 5:51
 Operator : UM/SJ
 Sample : H2513-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ACF-NW-1

Quant Time: Apr 18 07:14:19 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

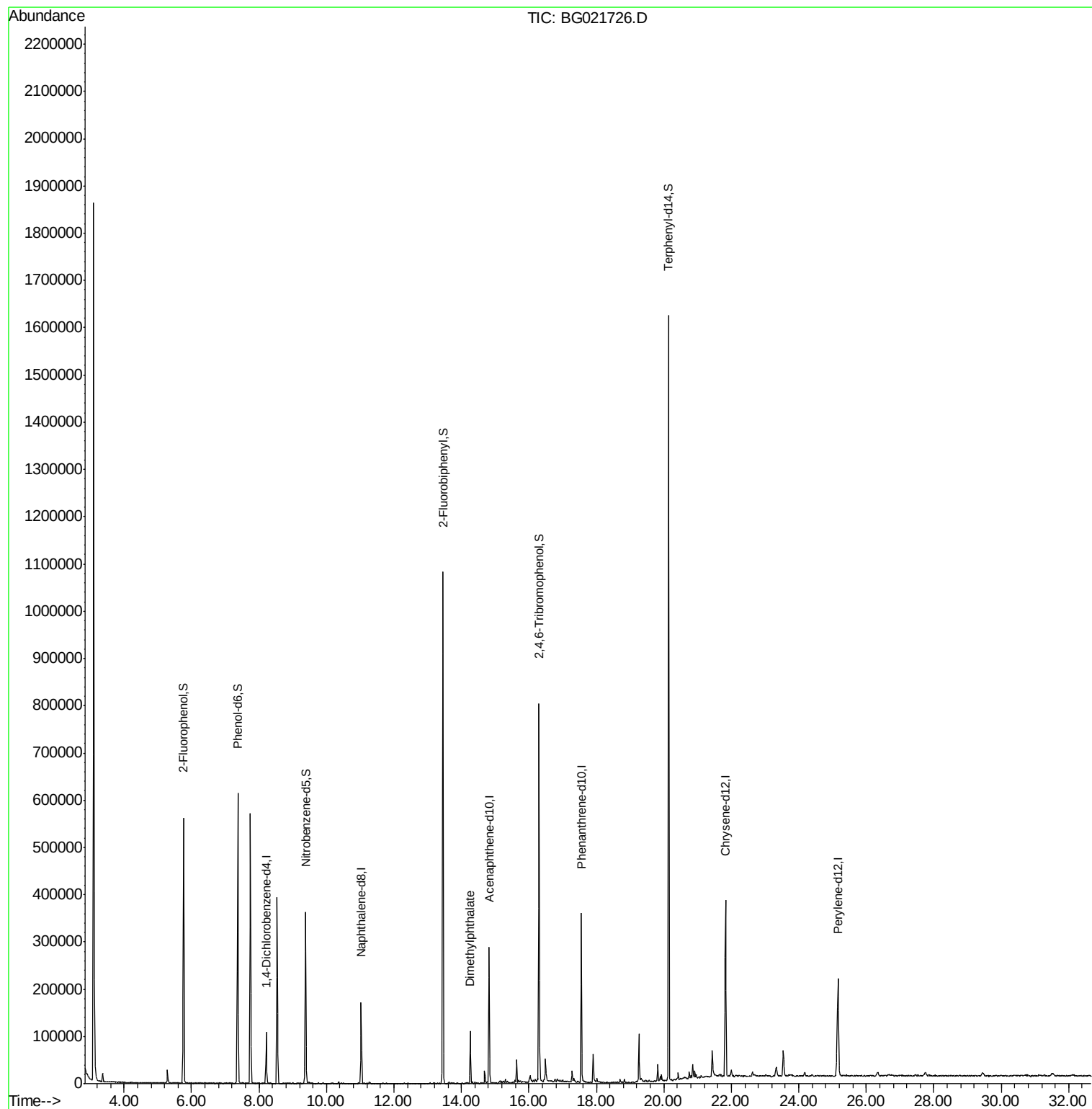
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	30312	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	149046	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	102358	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	218889	20.00	ng	0.00
75) Chrysene-d12	21.83	240	230887	20.00	ng	0.00
86) Perylene-d12	25.16	264	227022	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	248674	136.61	ng	0.00
7) Phenol-d6	7.37	99	370281	136.18	ng	0.01
23) Nitrobenzene-d5	9.38	82	230701	79.56	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	149152	135.20	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	546177	78.18	ng	0.00
78) Terphenyl-d14	20.14	244	698717	75.51	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.26	163	73822	8.34	ng	Qvalue # 99

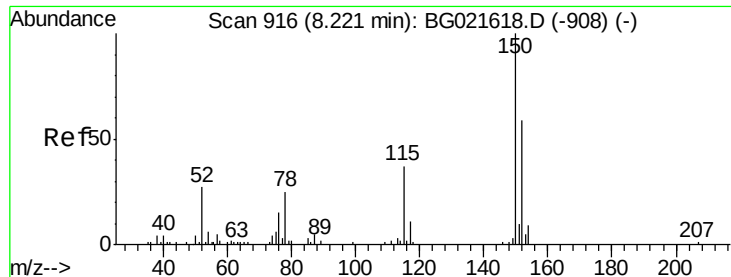
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG021726.D

Acq: 18 Apr 2016 5:51

Instrument :

BNA_G

ClientSampleId :

ACF-NW-1

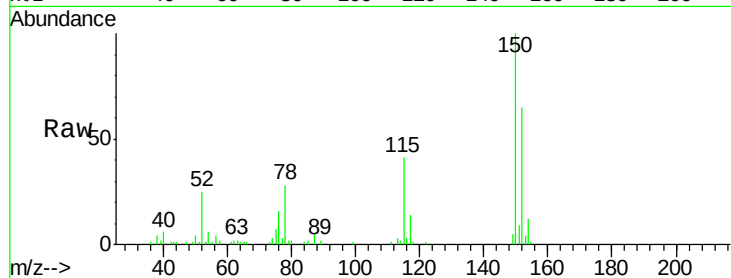
Tgt Ion:152 Resp: 30312

Ion Ratio Lower Upper

152 100

150 153.7 130.1 195.1

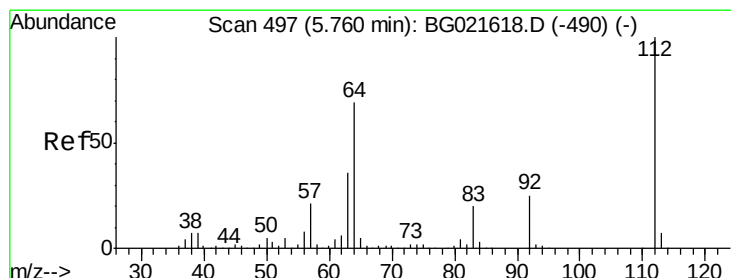
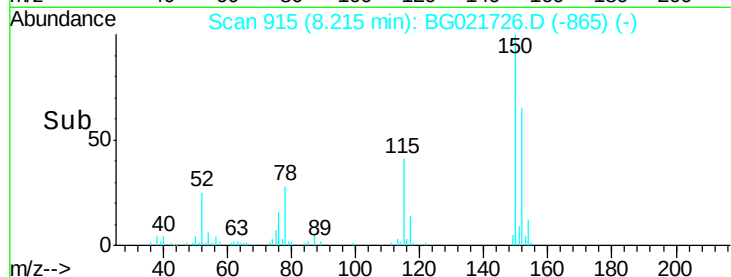
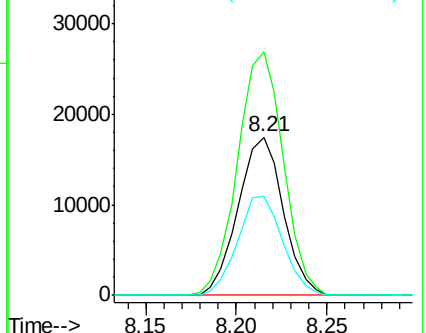
115 62.8 62.2 93.2



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: 136.61 ng

RT: 5.76 min Scan# 498

Delta R.T. 0.01 min

Lab File: BG021726.D

Acq: 18 Apr 2016 5:51

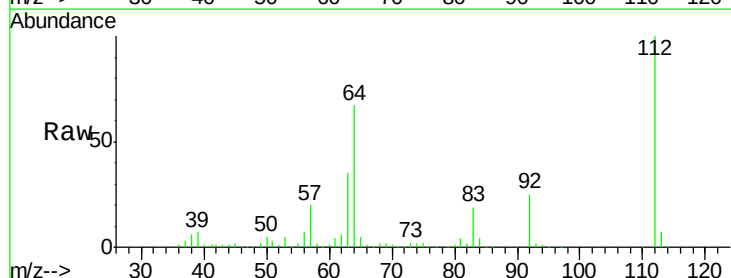
Tgt Ion:112 Resp: 248674

Ion Ratio Lower Upper

112 100

64 66.9 51.1 76.7

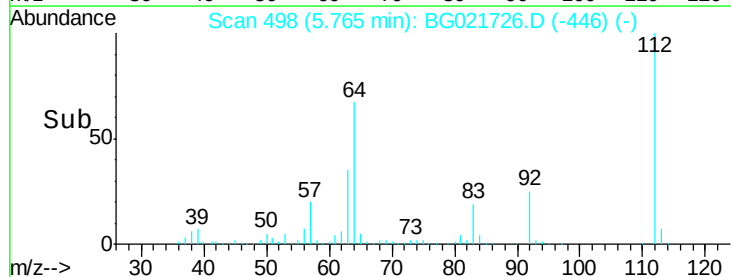
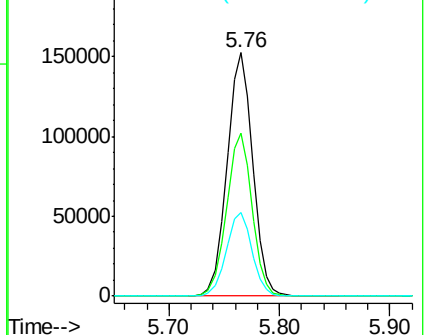
63 34.5 24.6 37.0

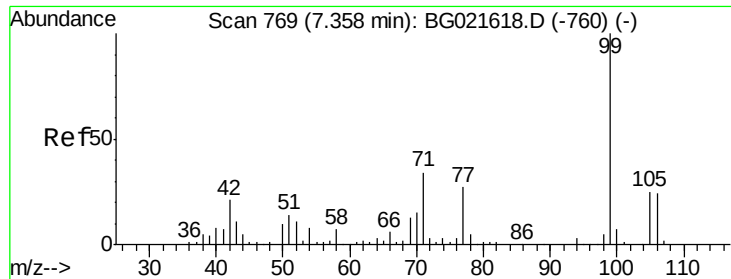


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 136.18 ng

RT: 7.37 min Scan# 771

Delta R.T. 0.01 min

Lab File: BG021726.D

Acq: 18 Apr 2016 5:51

Instrument :

BNA_G

ClientSampleId :

ACF-NW-1

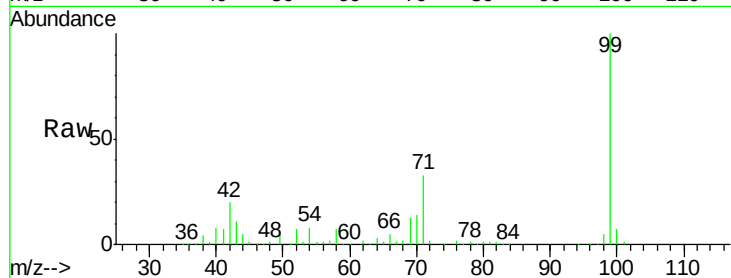
Tgt Ion: 99 Resp: 370281

Ion Ratio Lower Upper

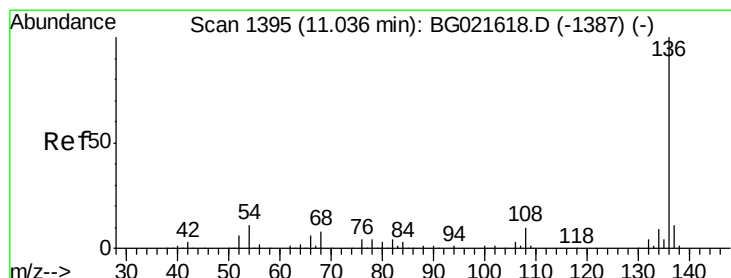
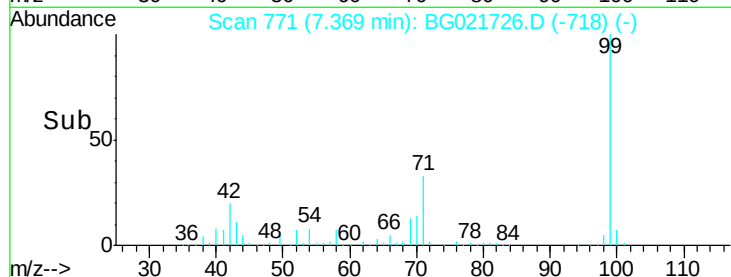
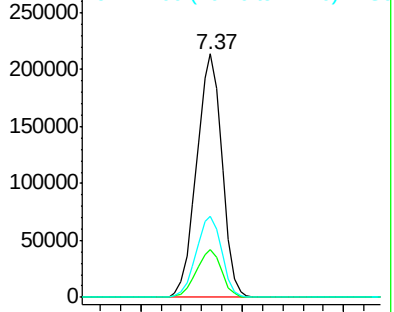
99 100

42 19.8 16.4 24.6

71 33.3 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: BG021726.D

Acq: 18 Apr 2016 5:51

Tgt Ion: 136 Resp: 149046

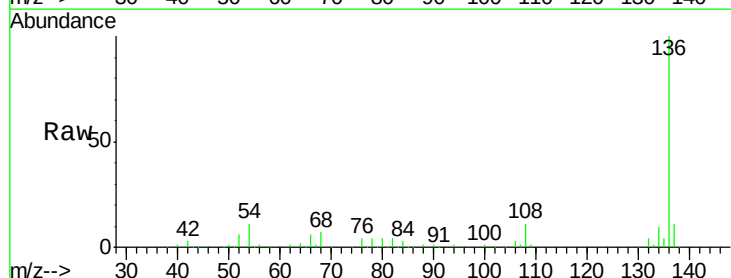
Ion Ratio Lower Upper

136 100

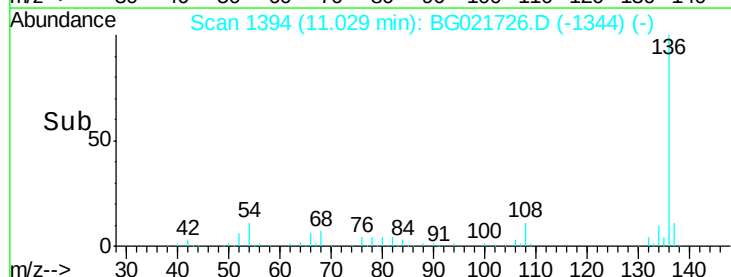
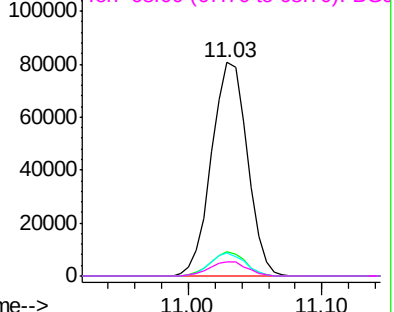
137 11.3 9.0 13.4

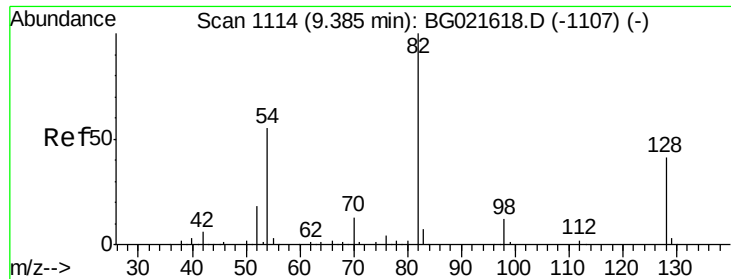
54 10.7 9.6 14.4

68 6.9 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

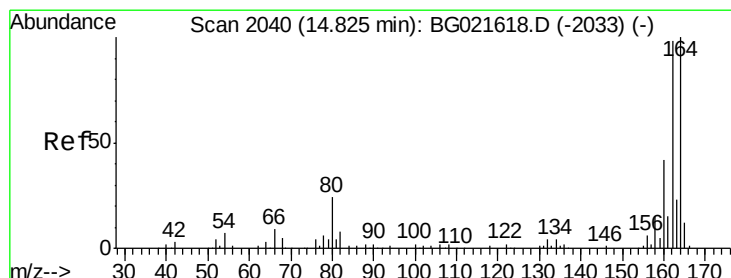
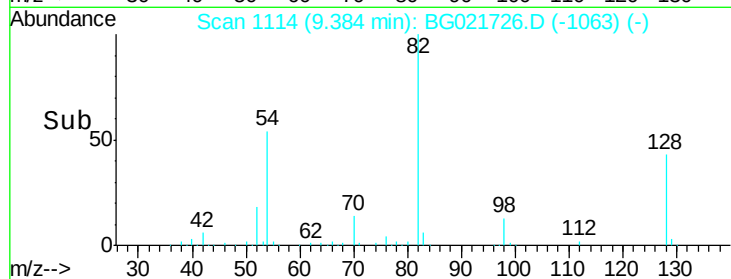
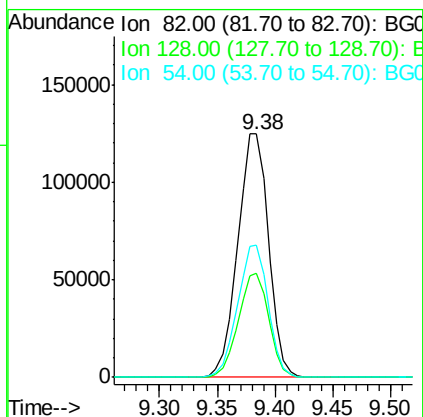
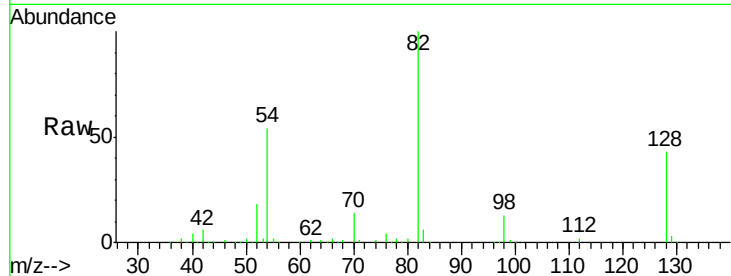




#23
 Nitrobenzene-d5
 Concen: 79.56 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BG021726.D
 Acq: 18 Apr 2016 5:51

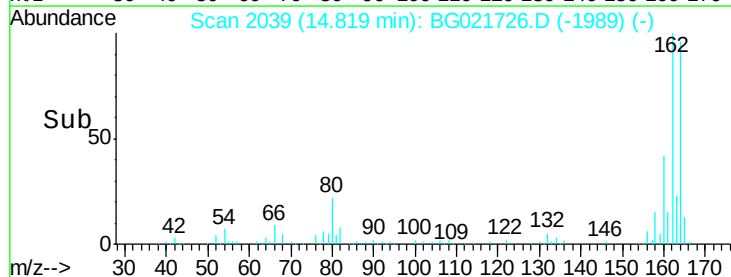
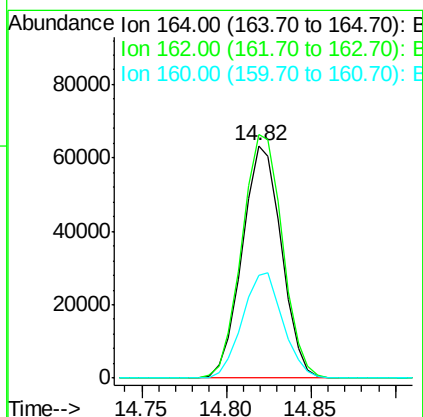
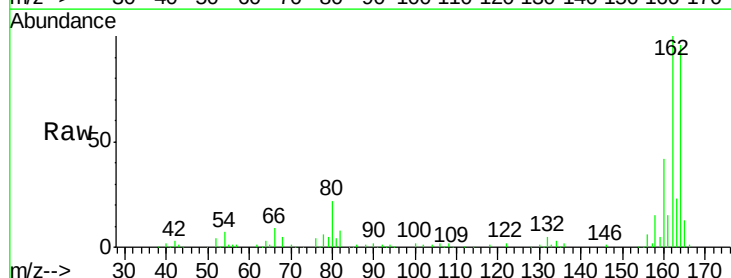
Instrument :
 BNA_G
 ClientSampleId :
 ACF-NW-1

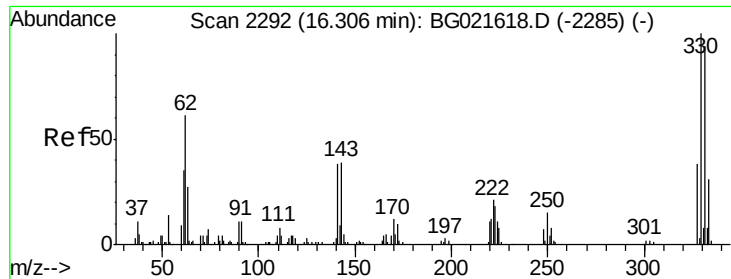
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.9	33.4	50.0
54	54.5	46.1	69.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BG021726.D
 Acq: 18 Apr 2016 5:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	78.0	117.0
160	44.3	32.9	49.3

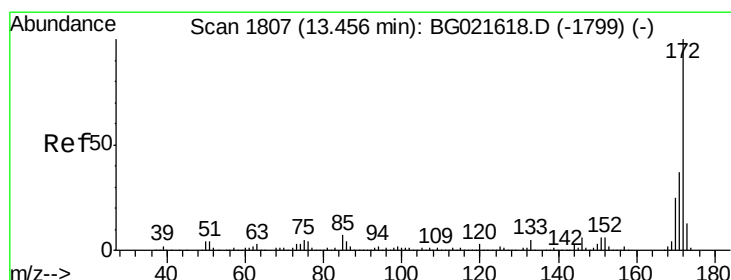
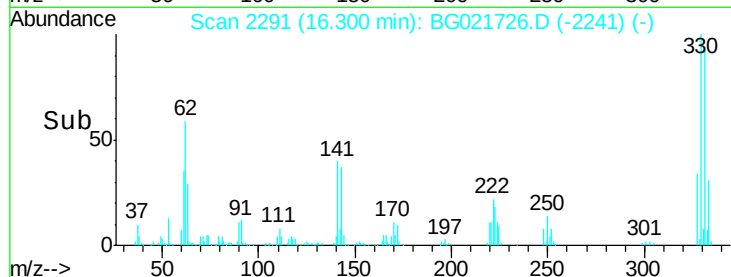
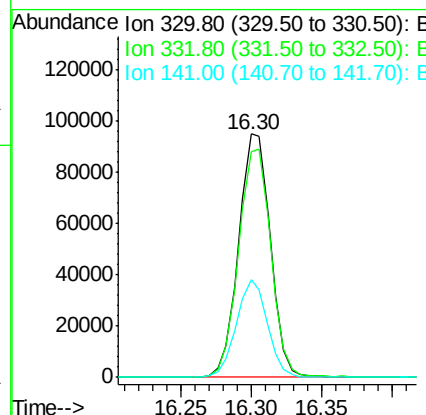
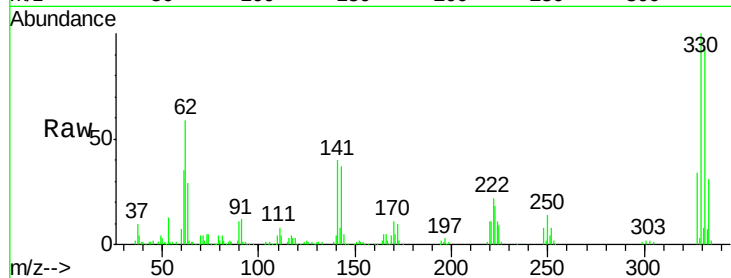




#41
 2,4,6-Tribromophenol
 Concen: 135.20 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BG021726.D
 Acq: 18 Apr 2016 5:51

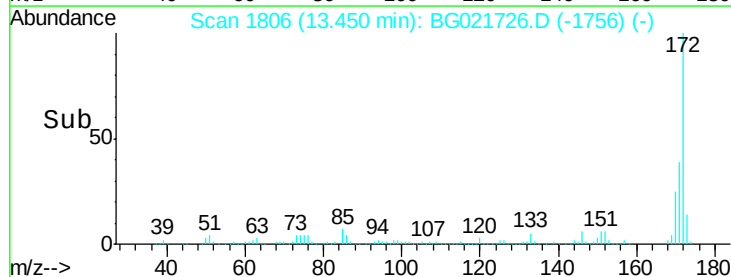
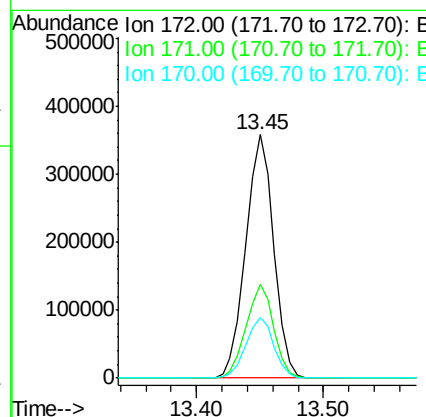
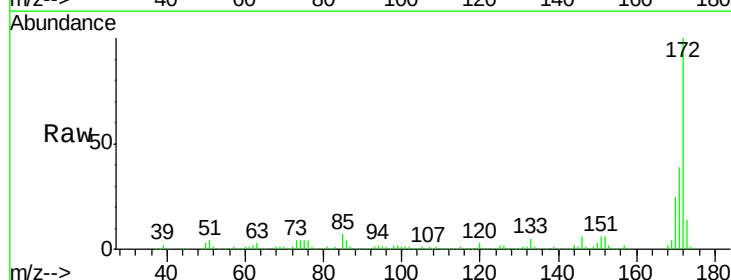
Instrument :
 BNA_G
 ClientSampleId :
 ACF-NW-1

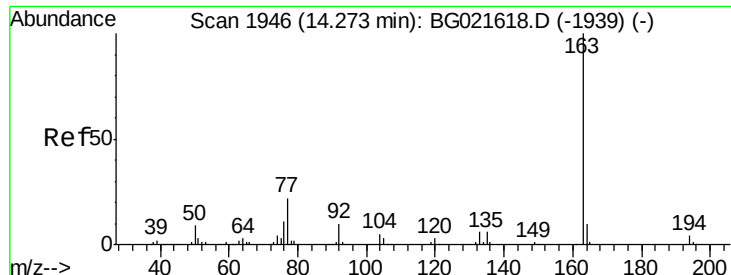
Tgt Ion:330 Resp: 149152
 Ion Ratio Lower Upper
 330 100
 332 95.8 78.0 117.0
 141 39.1 33.8 50.8



#44
 2-Fluorobiphenyl
 Concen: 78.18 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG021726.D
 Acq: 18 Apr 2016 5:51

Tgt Ion:172 Resp: 546177
 Ion Ratio Lower Upper
 172 100
 171 38.8 27.8 41.6
 170 24.9 19.6 29.4





#49

Dimethylphthalate

Concen: 8.34 ng

RT: 14.26 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG021726.D

Acq: 18 Apr 2016 5:51

Instrument :

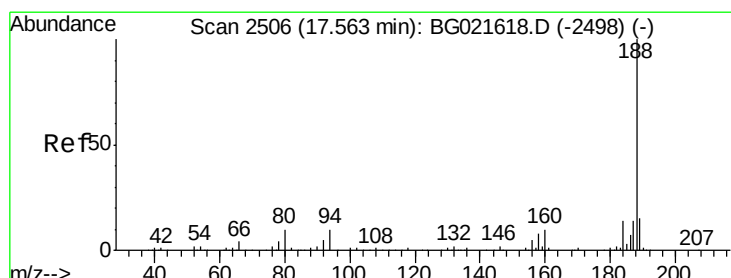
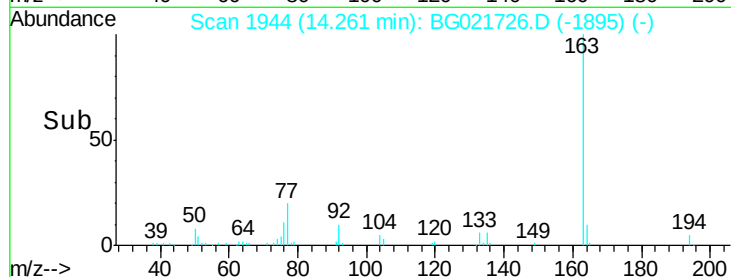
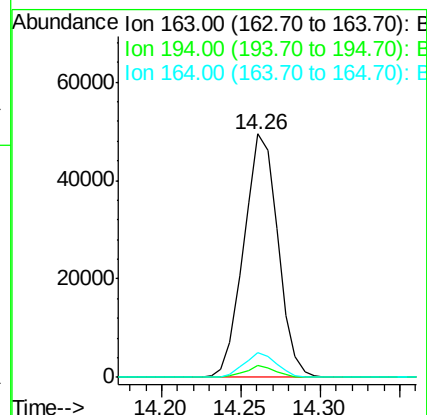
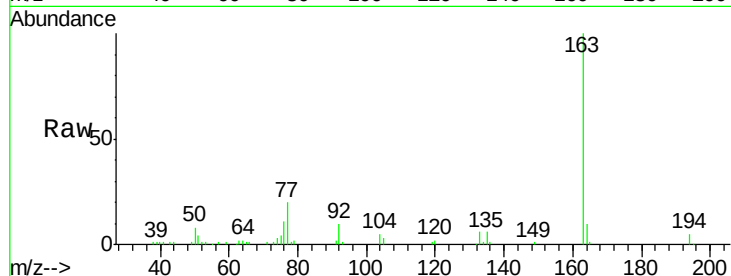
BNA_G

ClientSampleId :

ACF-NW-1

Tgt Ion:163 Resp: 73822

Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.0	4.6#
164	10.1	8.1	12.1



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

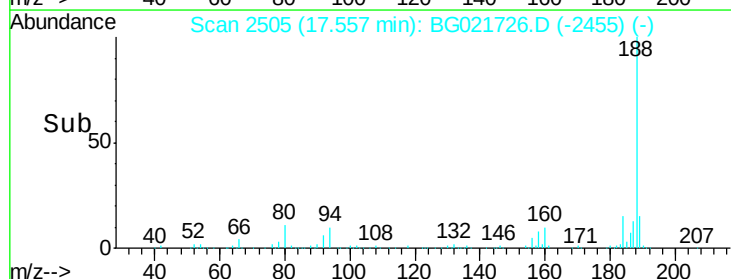
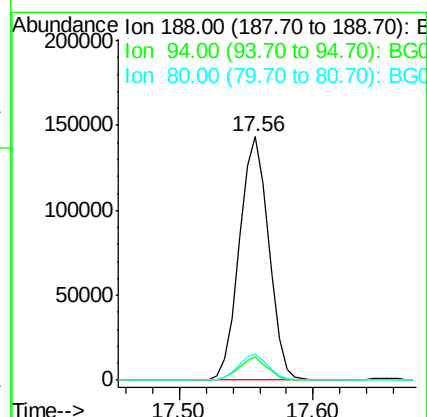
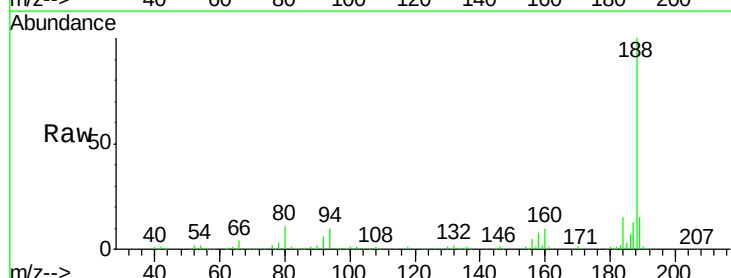
Delta R.T. -0.01 min

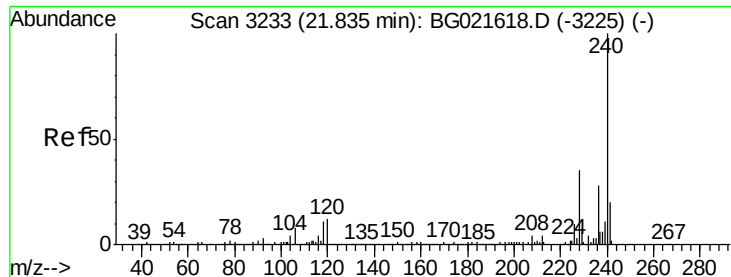
Lab File: BG021726.D

Acq: 18 Apr 2016 5:51

Tgt Ion:188 Resp: 218889

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.5	11.3
80	10.6	8.6	13.0

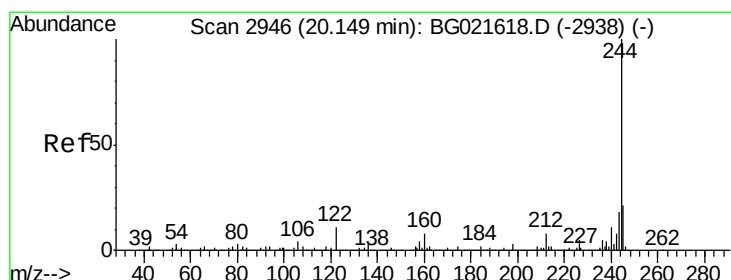
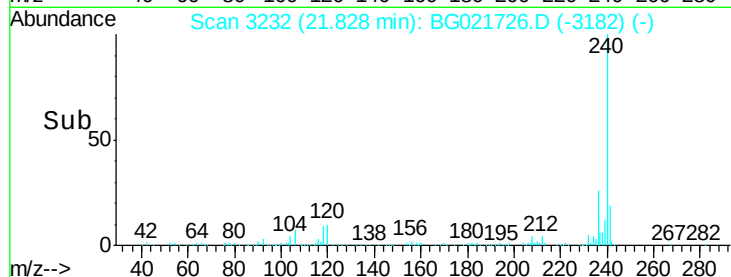
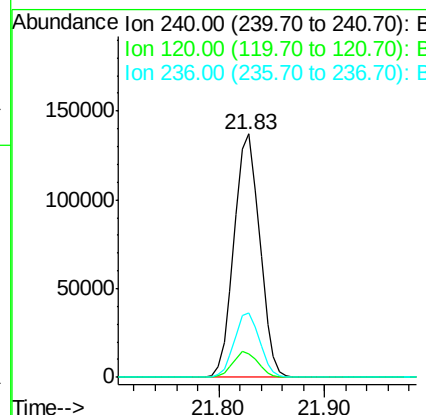
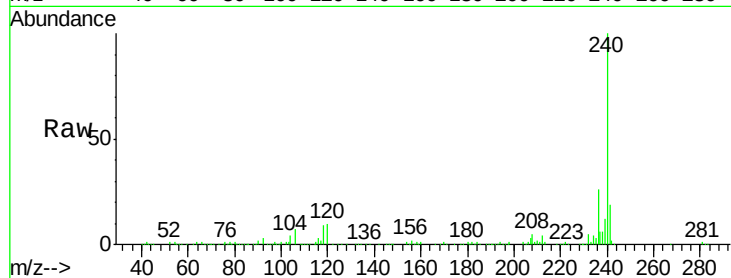




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3232
Delta R.T. -0.01 min
Lab File: BG021726.D
Acq: 18 Apr 2016 5:51

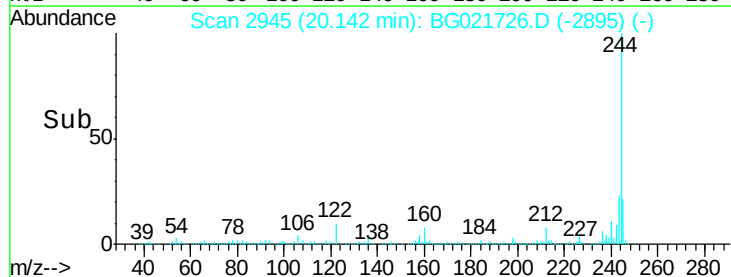
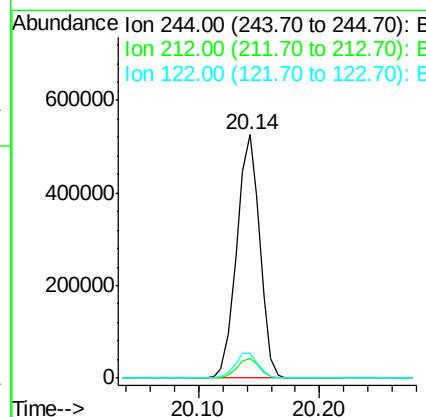
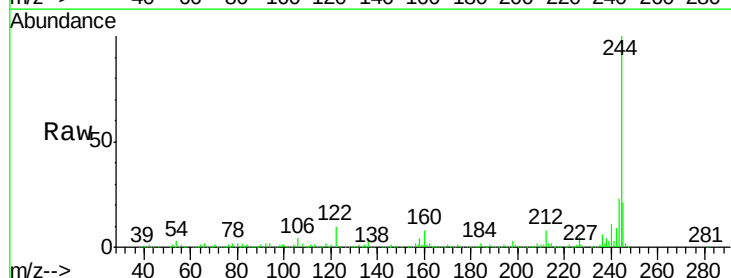
Instrument :
BNA_G
ClientSampleId :
ACF-NW-1

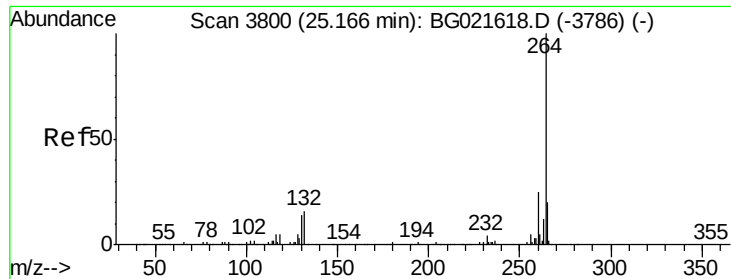
Tgt Ion:240 Resp: 230887
Ion Ratio Lower Upper
240 100
120 9.9 8.4 12.6
236 26.3 19.6 29.4



#78
Terphenyl-d14
Concen: 75.51 ng
RT: 20.14 min Scan# 2945
Delta R.T. -0.01 min
Lab File: BG021726.D
Acq: 18 Apr 2016 5:51

Tgt Ion:244 Resp: 698717
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 10.0 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: BG021726.D
Acq: 18 Apr 2016 5:51

Instrument :
BNA_G
ClientSampleId :
ACF-NW-1

Tgt Ion: 264 Resp: 227022
Ion Ratio Lower Upper
264 100
260 23.0 20.2 30.4
265 20.8 17.8 26.8

