

Data Path : Z:\HPCHEM1\BNA_G\Data\BG041816\
 Data File : BG021729.D
 Acq On : 18 Apr 2016 7:50
 Operator : UM/SJ
 Sample : H2513-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ACF-SW-1

Quant Time: Apr 18 11:46:09 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

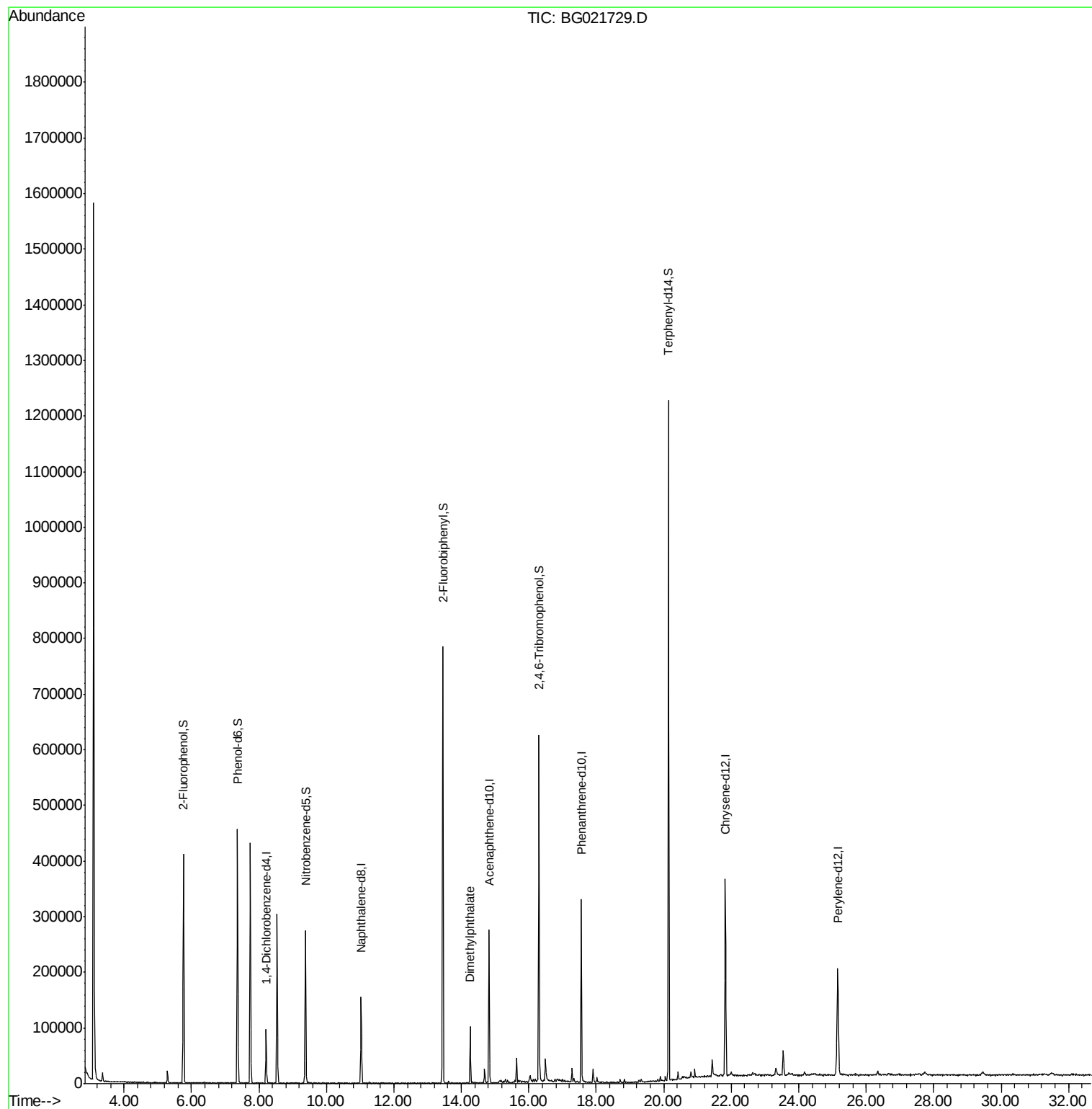
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	27894	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	135004	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	97007	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	204942	20.00	ng	0.00
75) Chrysene-d12	21.82	240	219200	20.00	ng	-0.01
86) Perylene-d12	25.16	264	211610	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	186168	111.14	ng	0.00
7) Phenol-d6	7.36	99	277780	111.02	ng	0.00
23) Nitrobenzene-d5	9.38	82	173897	66.21	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	112530	107.63	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	414846	62.66	ng	0.00
78) Terphenyl-d14	20.14	244	544144	61.94	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.26	163	66298	7.90	ng	Qvalue 100

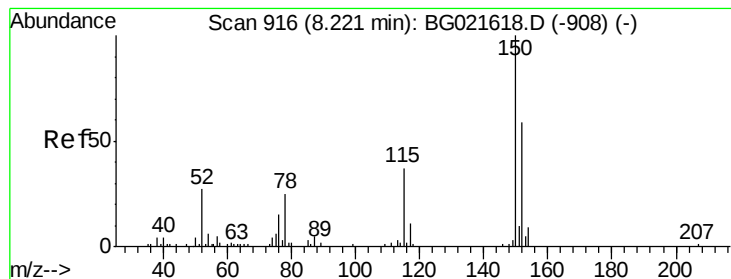
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.22 min Scan# 915

Delta R.T. -0.01 min

Lab File: BG021729.D

Acq: 18 Apr 2016 7:50

Instrument :

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ClientSampleId :

ACF-SW-1

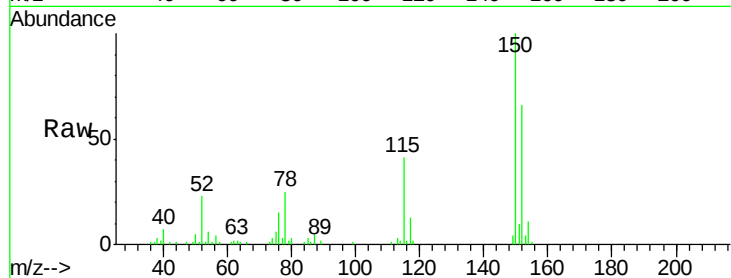
Tgt Ion:152 Resp: 27894

Ion Ratio Lower Upper

152 100

150 150.9 130.1 195.1

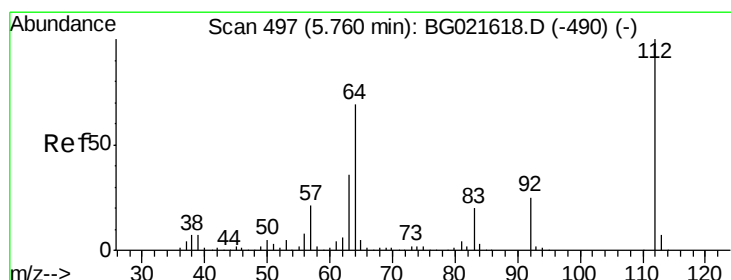
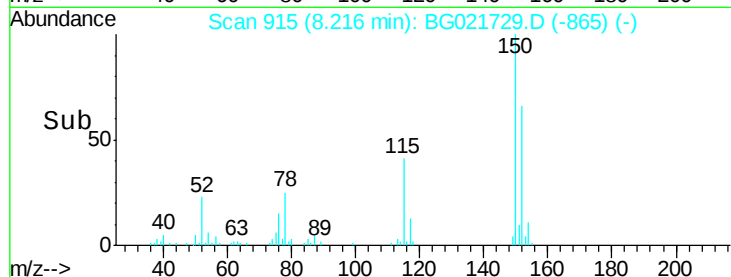
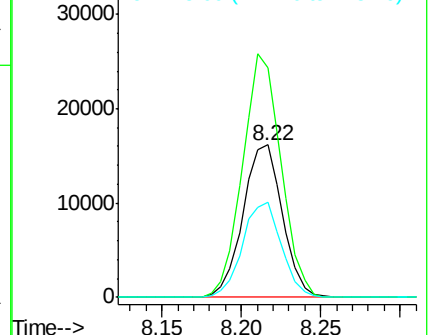
115 62.4 62.2 93.2



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: 111.14 ng

RT: 5.76 min Scan# 497

Delta R.T. 0.00 min

Lab File: BG021729.D

Acq: 18 Apr 2016 7:50

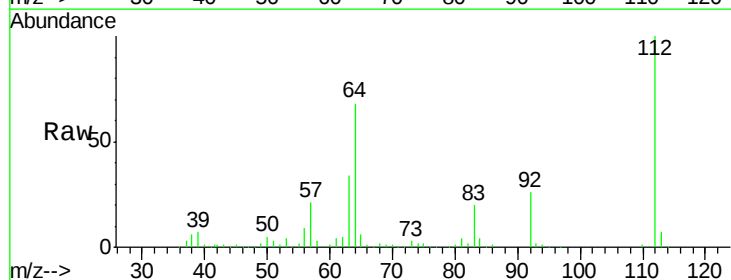
Tgt Ion:112 Resp: 186168

Ion Ratio Lower Upper

112 100

64 67.7 51.1 76.7

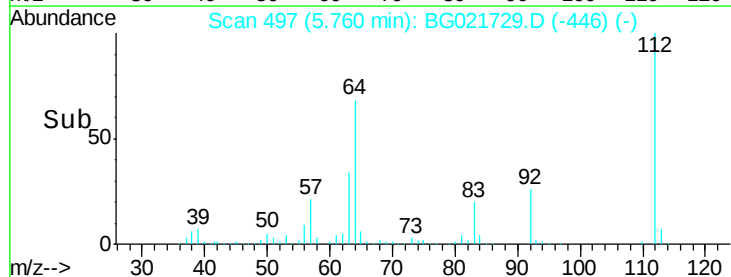
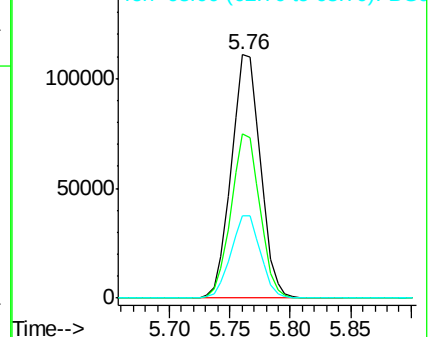
63 34.1 24.6 37.0

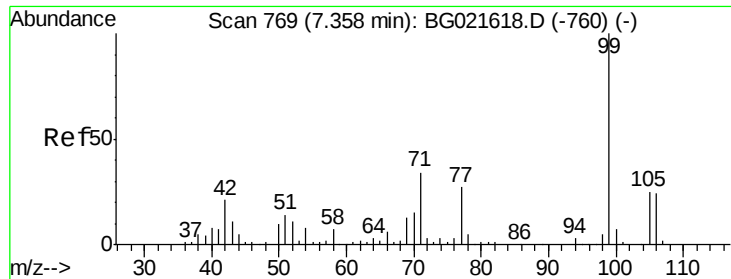


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 111.02 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.01 min

Lab File: BG021729.D

Acq: 18 Apr 2016 7:50

Instrument :

BNA_G

ClientSampleId :

ACF-SW-1

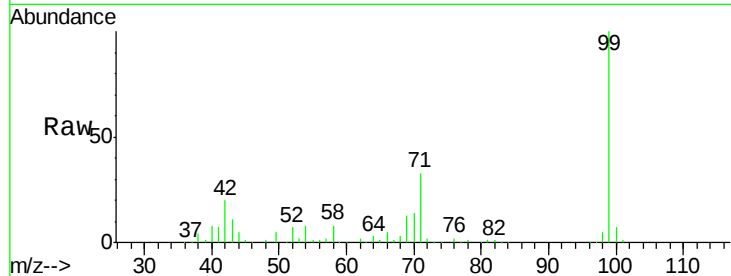
Tgt Ion: 99 Resp: 277780

Ion Ratio Lower Upper

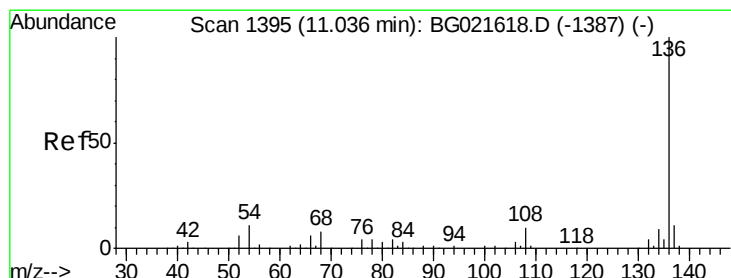
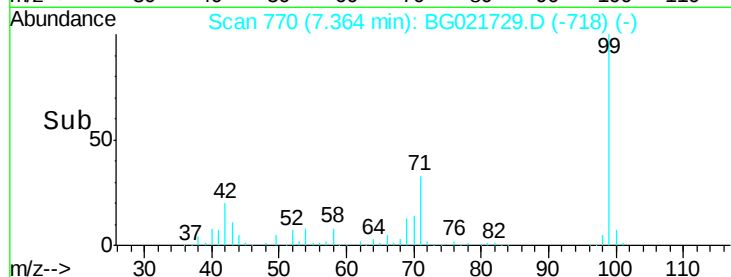
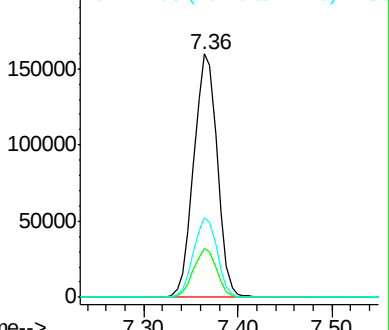
99 100

42 20.0 16.4 24.6

71 32.9 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: BG021729.D

Acq: 18 Apr 2016 7:50

Tgt Ion: 136 Resp: 135004

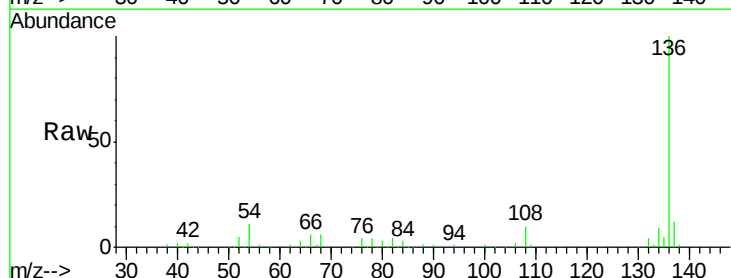
Ion Ratio Lower Upper

136 100

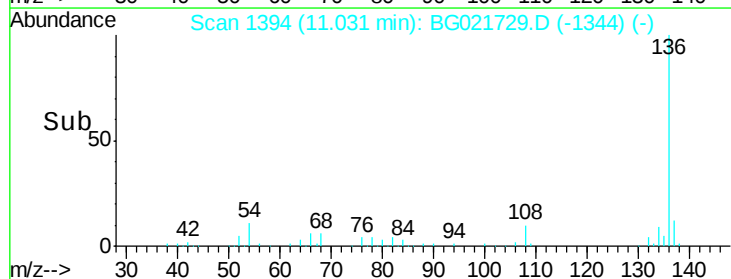
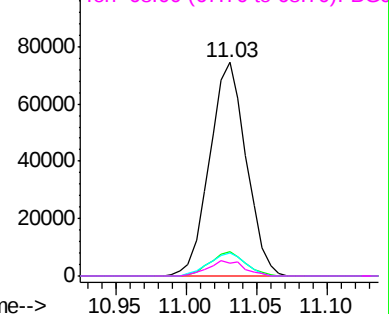
137 11.7 9.0 13.4

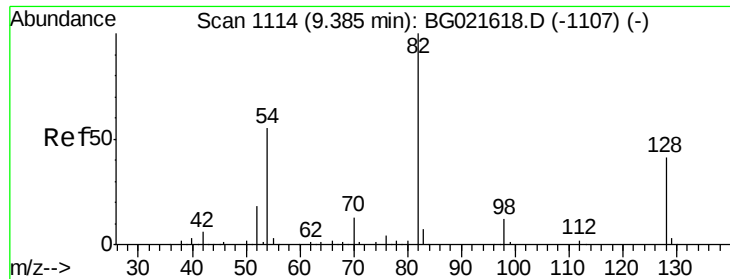
54 10.9 9.6 14.4

68 6.2 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

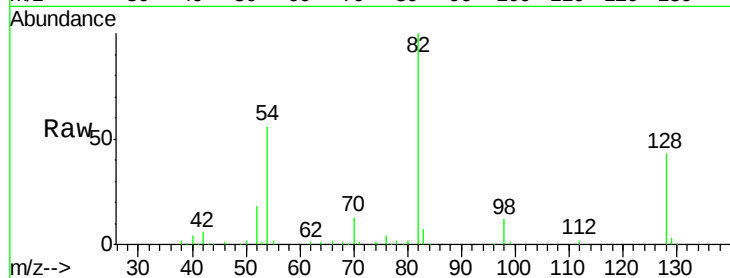




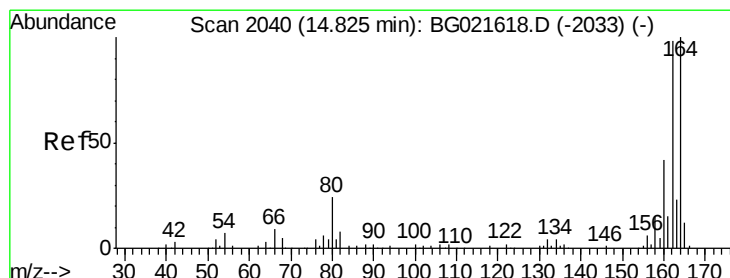
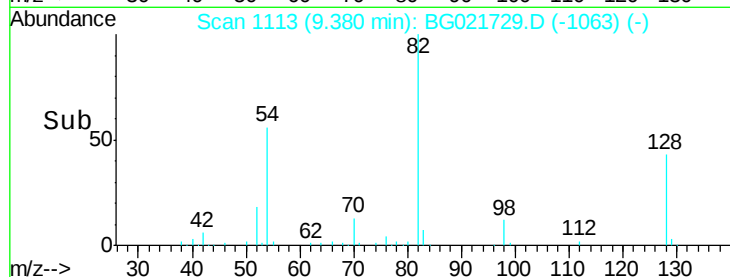
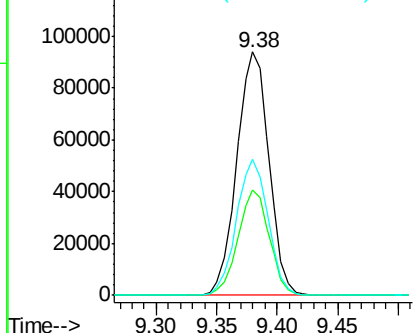
#23
 Nitrobenzene-d5
 Concen: 66.21 ng
 RT: 9.38 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: BG021729.D
 Acq: 18 Apr 2016 7:50

Instrument :
 BNA_G
 ClientSampleId :
 ACF-SW-1

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.3	33.4	50.0
54	55.9	46.1	69.1

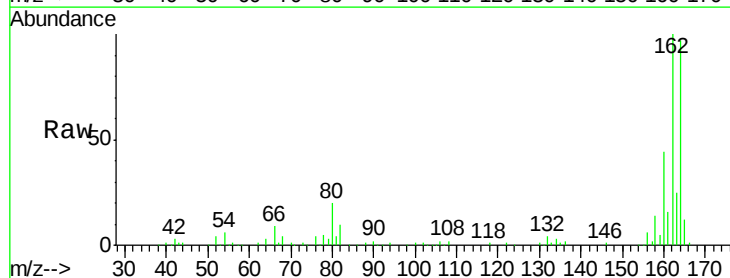


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

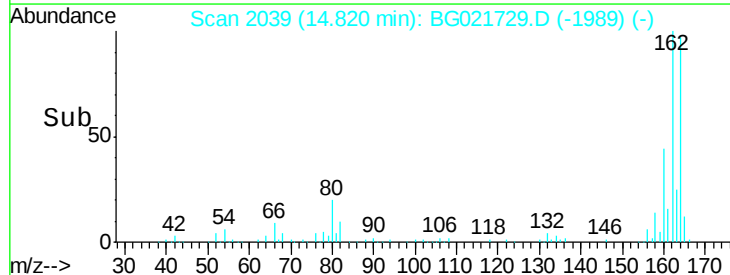
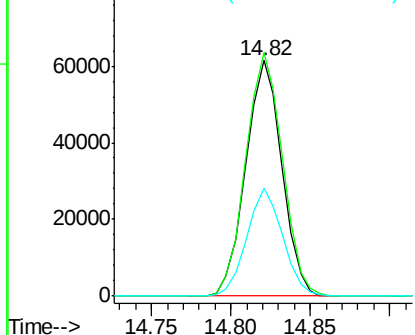


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BG021729.D
 Acq: 18 Apr 2016 7:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	78.0	117.0
160	45.7	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

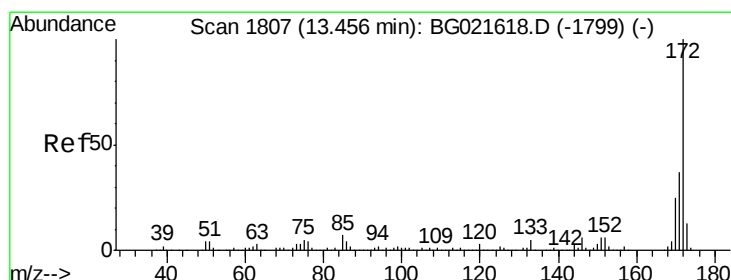
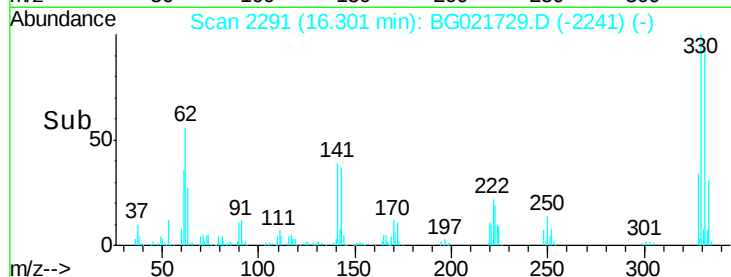
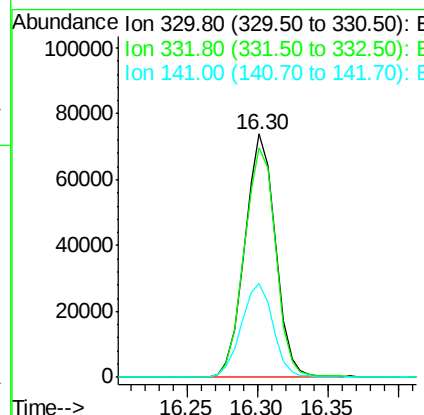
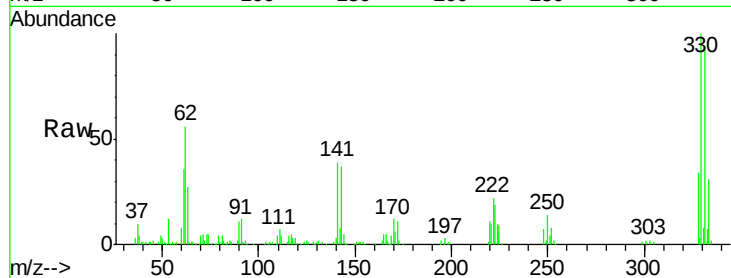




#41
 2,4,6-Tribromophenol
 Concen: 107.63 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BG021729.D
 Acq: 18 Apr 2016 7:50

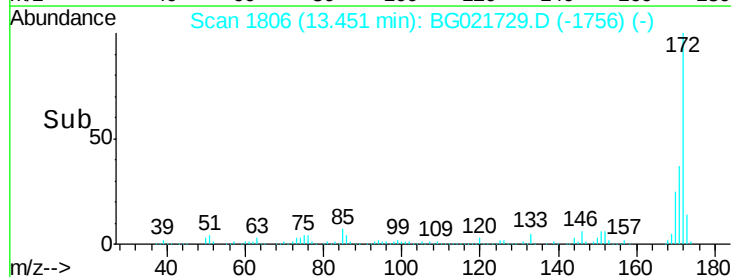
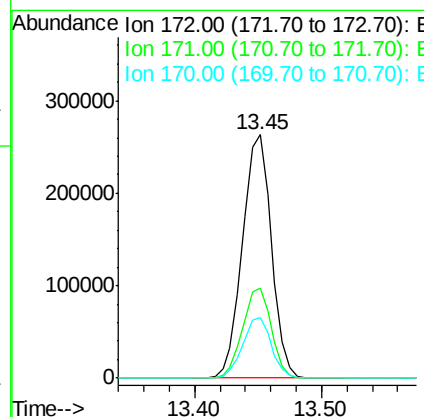
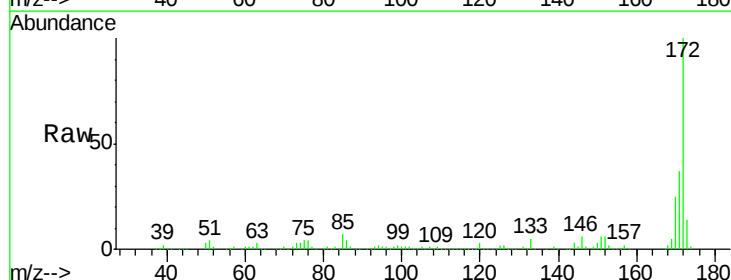
Instrument :
 BNA_G
 ClientSampleId :
 ACF-SW-1

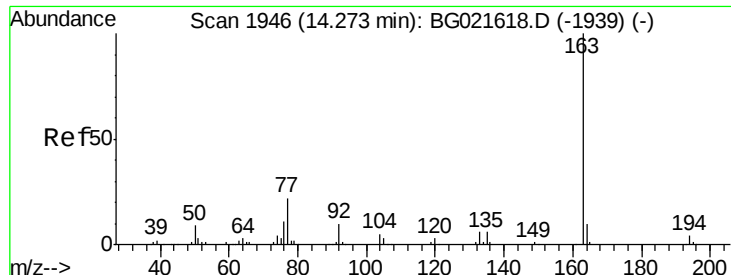
Tgt Ion:330 Resp: 112530
 Ion Ratio Lower Upper
 330 100
 332 96.8 78.0 117.0
 141 39.9 33.8 50.8



#44
 2-Fluorobiphenyl
 Concen: 62.66 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG021729.D
 Acq: 18 Apr 2016 7:50

Tgt Ion:172 Resp: 414846
 Ion Ratio Lower Upper
 172 100
 171 37.1 27.8 41.6
 170 25.0 19.6 29.4





#49

Dimethylphthalate

Concen: 7.90 ng

RT: 14.26 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG021729.D

Acq: 18 Apr 2016 7:50

Instrument :

BNA_G

ClientSampleId :

ACF-SW-1

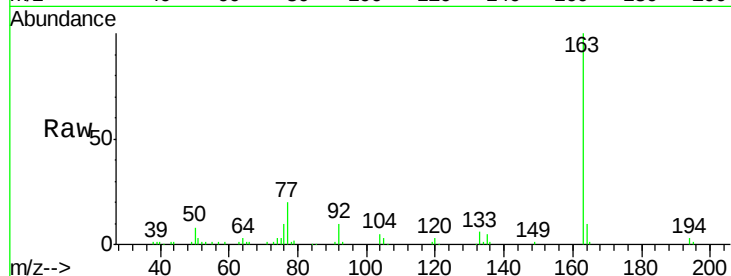
Tgt Ion:163 Resp: 66298

Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.6

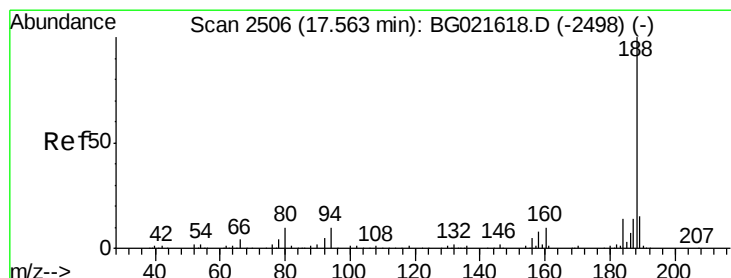
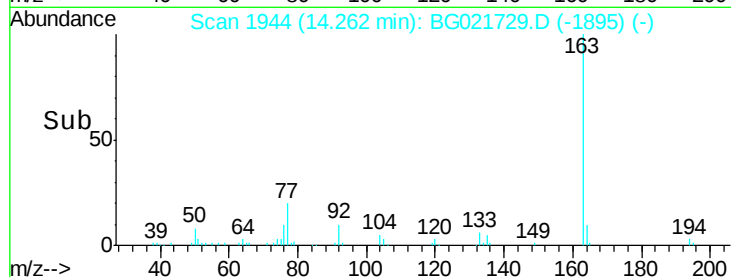
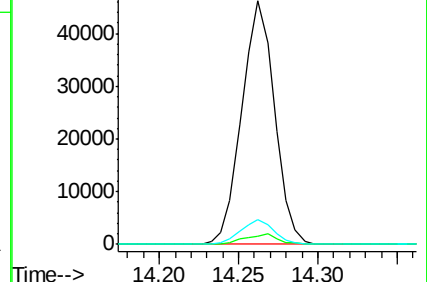
164 10.1 8.1 12.1



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: BG021729.D

Acq: 18 Apr 2016 7:50

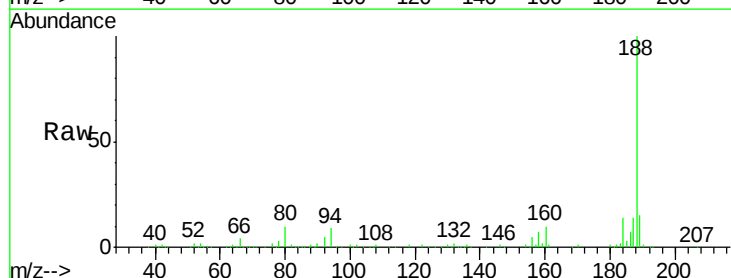
Tgt Ion:188 Resp: 204942

Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

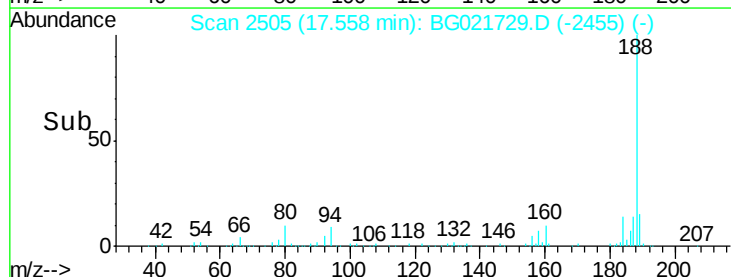
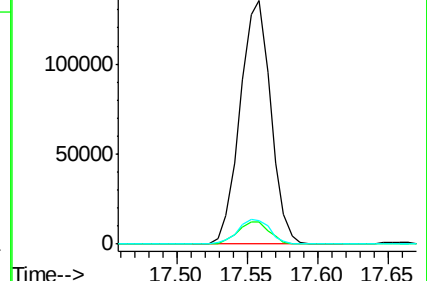
80 9.8 8.6 13.0

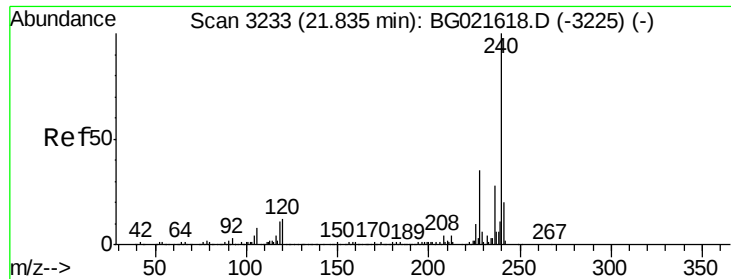


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

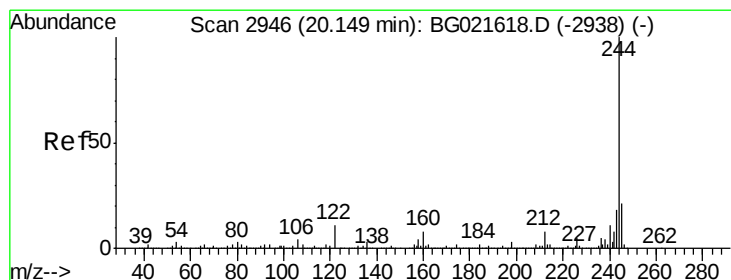
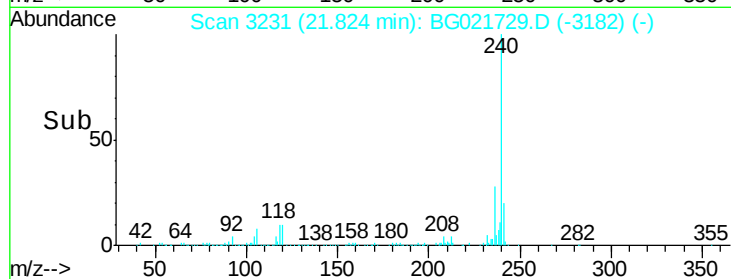
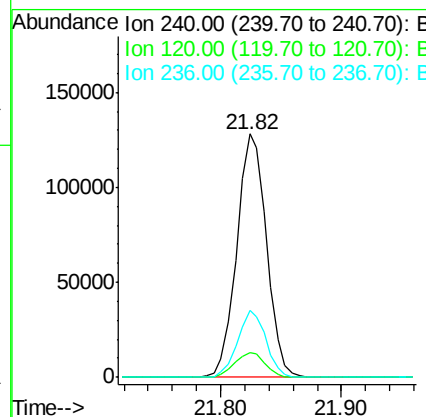
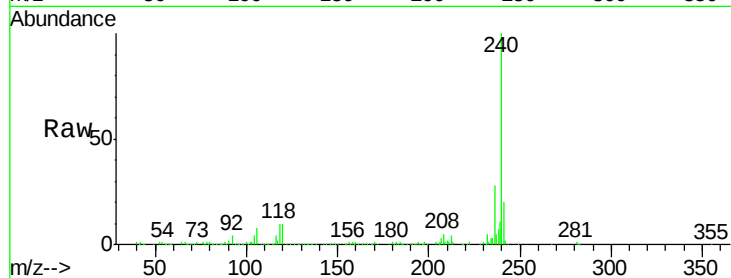




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.82 min Scan# 3231
Delta R.T. -0.01 min
Lab File: BG021729.D
Acq: 18 Apr 2016 7:50

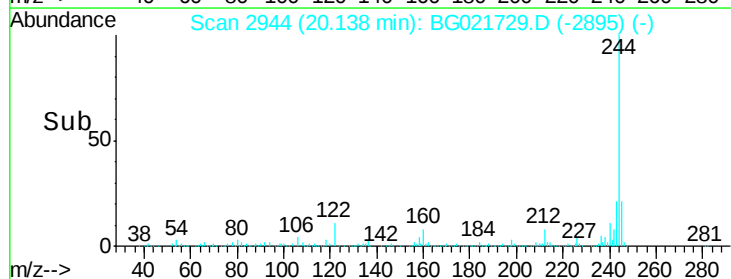
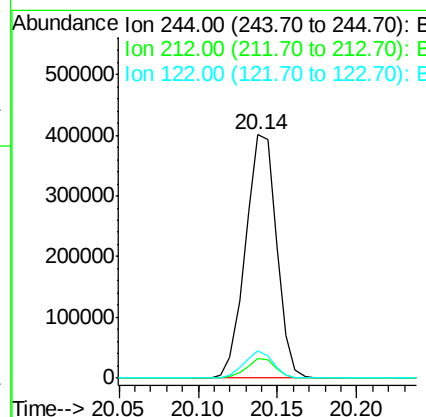
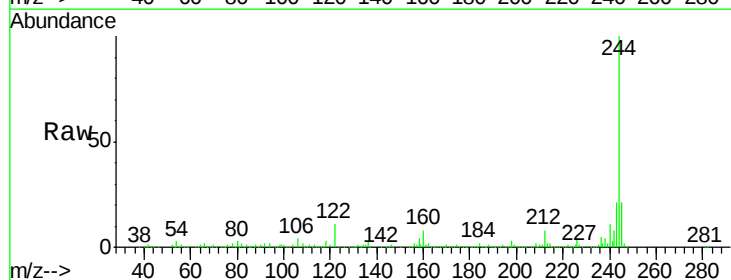
Instrument :
BNA_G
ClientSampleId :
ACF-SW-1

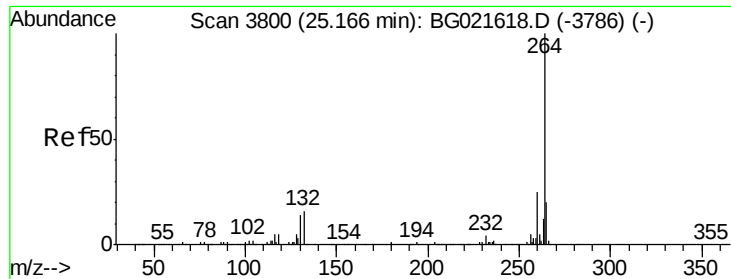
Tgt Ion:240 Resp: 219200
Ion Ratio Lower Upper
240 100
120 10.1 8.4 12.6
236 27.6 19.6 29.4



#78
Terphenyl-d14
Concen: 61.94 ng
RT: 20.14 min Scan# 2944
Delta R.T. -0.01 min
Lab File: BG021729.D
Acq: 18 Apr 2016 7:50

Tgt Ion:244 Resp: 544144
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 11.3 8.6 12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.16 min Scan# 3798
Delta R.T. -0.01 min
Lab File: BG021729.D
Acq: 18 Apr 2016 7:50

Instrument :
BNA_G
ClientSampleId :
ACF-SW-1

Tgt Ion: 264 Resp: 211610
Ion Ratio Lower Upper
264 100
260 23.6 20.2 30.4
265 20.6 17.8 26.8

