

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
 Data File : BG017264.D
 Acq On : 23 May 2015 3:54
 Operator : TP/IZ
 Sample : G2370-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FS-037

Quant Time: May 25 08:16:01 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 25 08:11:45 2015
 Response via : Initial Calibration

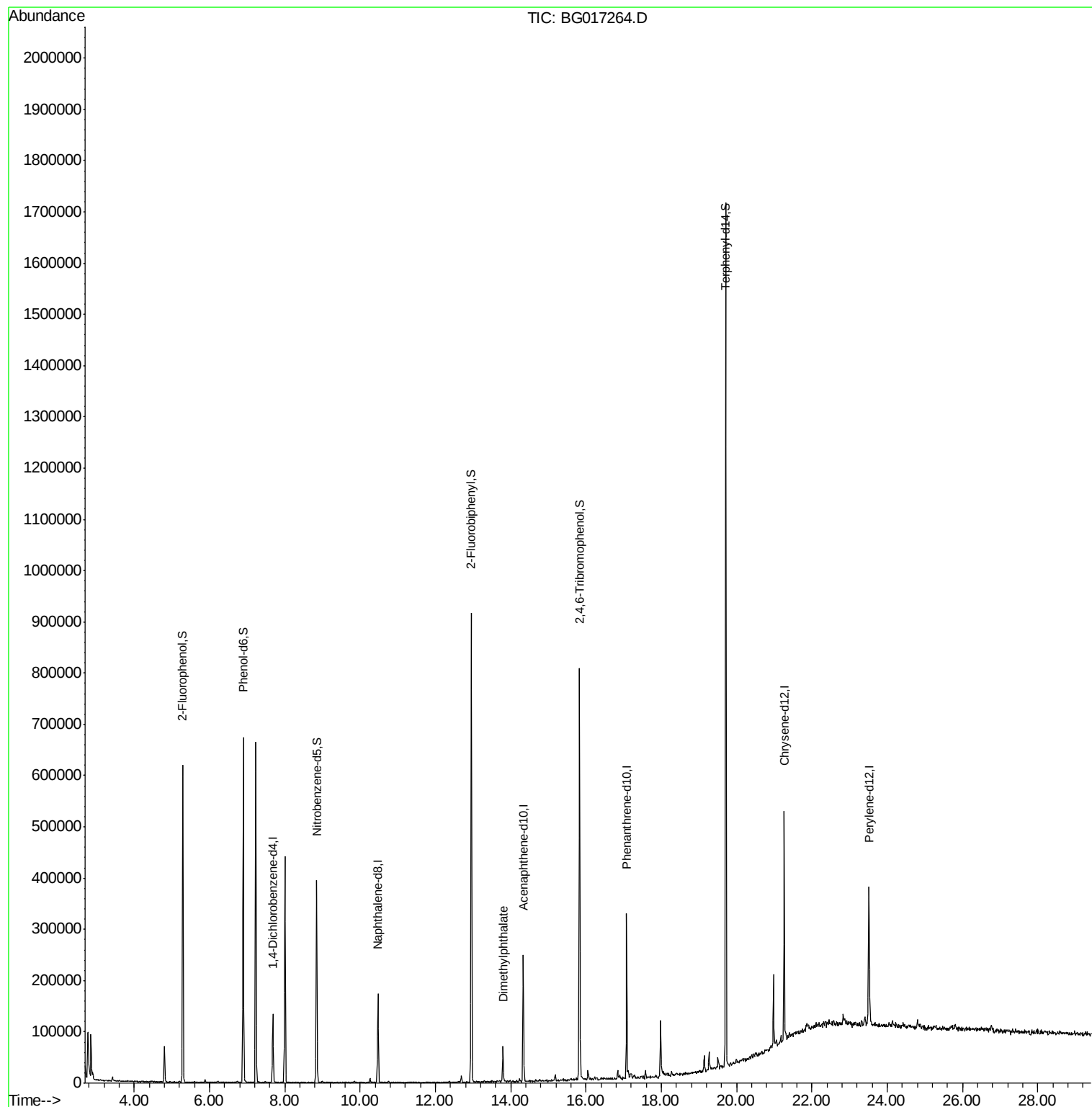
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	31936	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	127437	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	76687	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	169343	20.00	ng	0.00
75) Chrysene-d12	21.27	240	192188	20.00	ng	0.00
86) Perylene-d12	23.52	264	191933	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	225309	125.17	ng	0.01
7) Phenol-d6	6.89	99	299941	118.74	ng	0.01
23) Nitrobenzene-d5	8.85	82	206568	75.68	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	119804	129.24	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	401355	76.80	ng	0.00
78) Terphenyl-d14	19.72	244	650244	70.51	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.80	163	36909	6.16	ng	Qvalue # 94

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.68 min Scan# 850

Delta R.T. 0.00 min

Lab File: BG017264.D

Acq: 23 May 2015 3:54

Instrument :

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FS-037

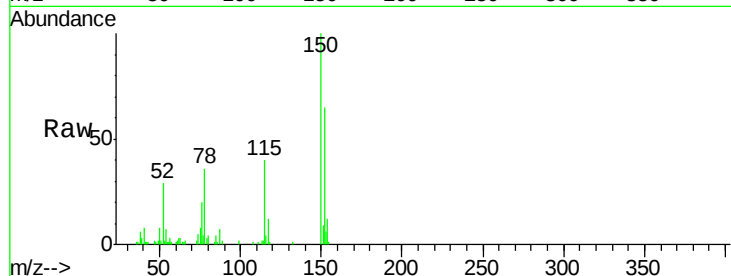
Tgt Ion:152 Resp: 31936

Ion Ratio Lower Upper

152 100

150 153.3 120.8 181.2

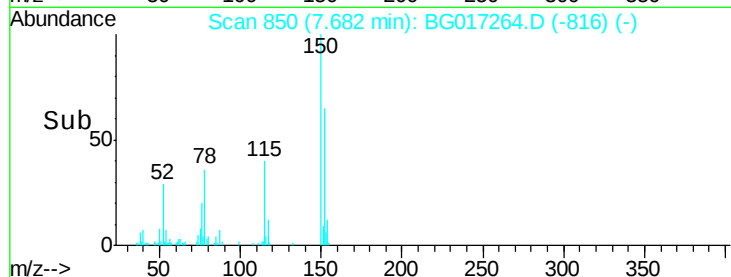
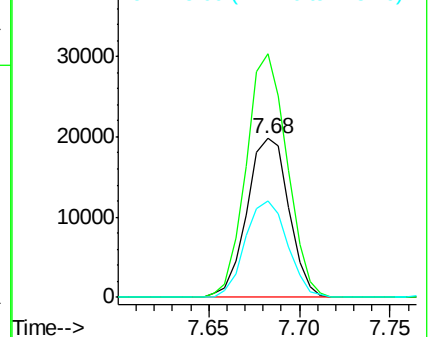
115 60.8 49.4 74.2



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: 125.17 ng

RT: 5.29 min Scan# 443

Delta R.T. 0.01 min

Lab File: BG017264.D

Acq: 23 May 2015 3:54

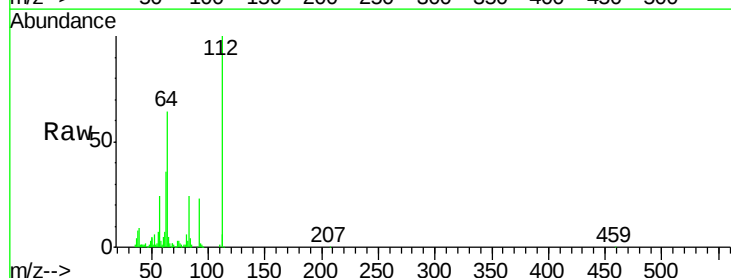
Tgt Ion:112 Resp: 225309

Ion Ratio Lower Upper

112 100

64 64.1 48.1 72.1

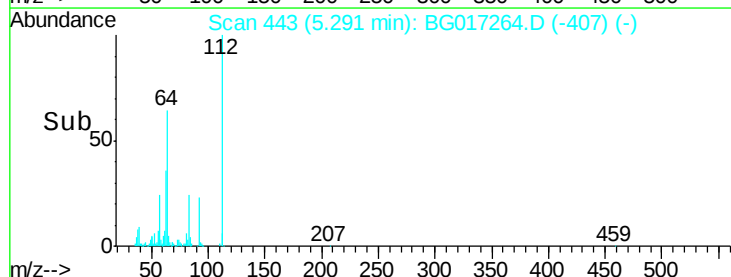
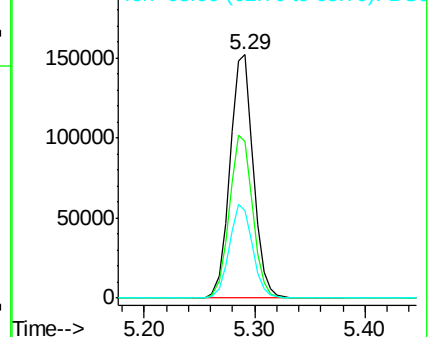
63 35.7 29.8 44.8

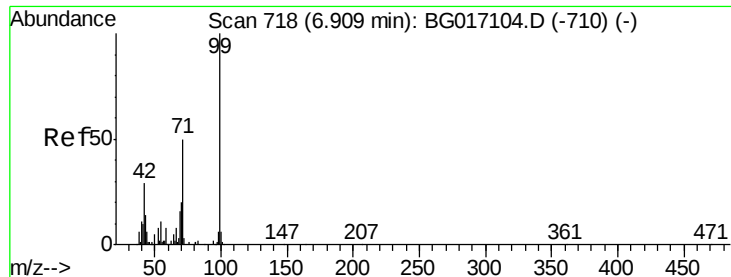


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 118.74 ng

RT: 6.89 min Scan# 716

Delta R.T. 0.01 min

Lab File: BG017264.D

Acq: 23 May 2015 3:54

Instrument :

BNA_G

ClientSampleId :

FS-037

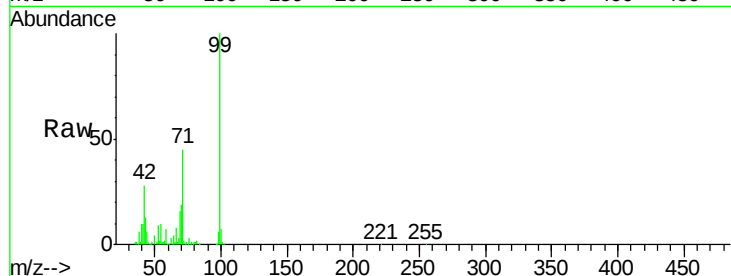
Tgt Ion: 99 Resp: 299941

Ion Ratio Lower Upper

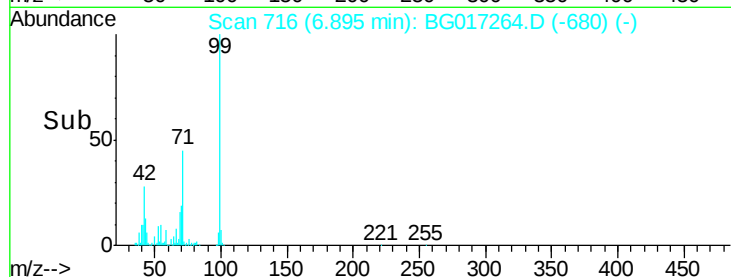
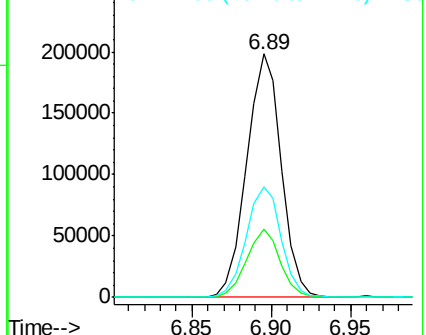
99 100

42 28.2 23.5 35.3

71 45.3 39.8 59.8



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: 10.47 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BG017264.D

Acq: 23 May 2015 3:54

Tgt Ion: 136 Resp: 127437

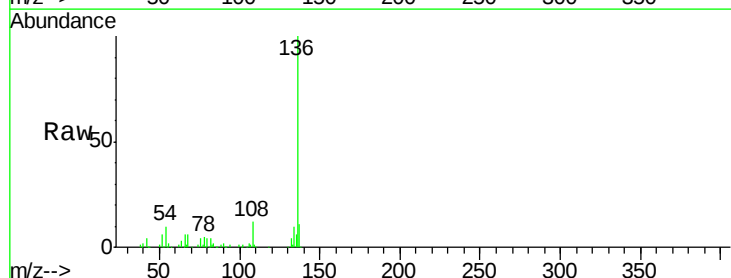
Ion Ratio Lower Upper

136 100

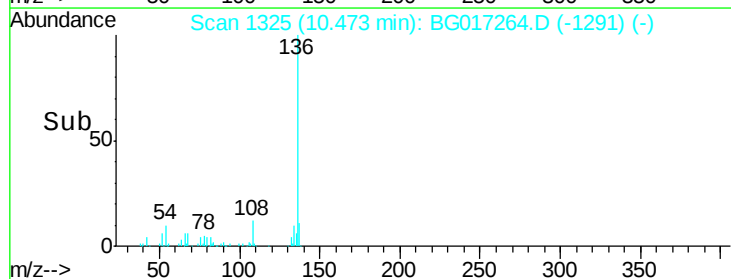
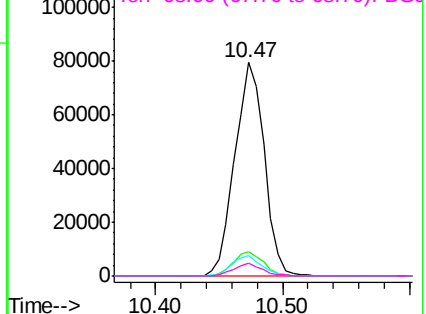
137 11.4 8.3 12.5

54 9.5 7.4 11.2

68 5.9 3.6 5.4#



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

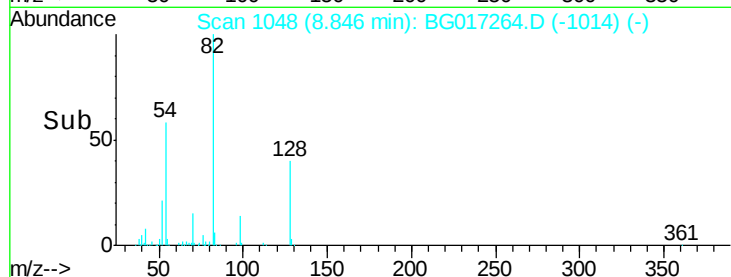
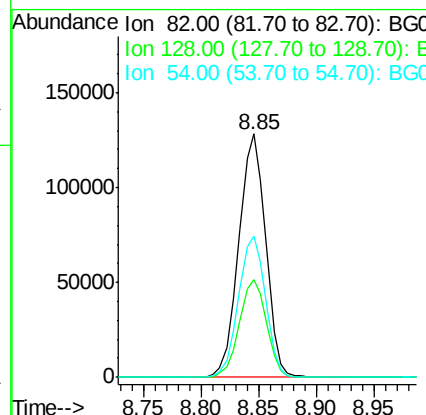
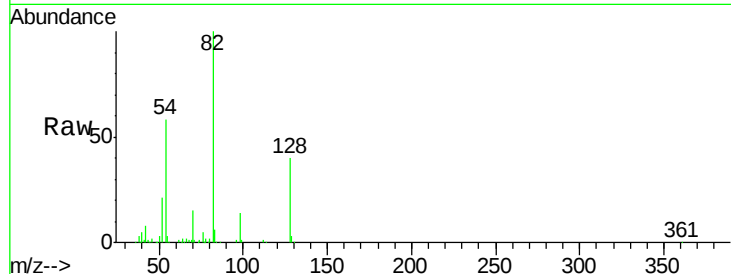




#23
 Nitrobenzene-d5
 Concen: 75.68 ng
 RT: 8.85 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BG017264.D
 Acq: 23 May 2015 3:54

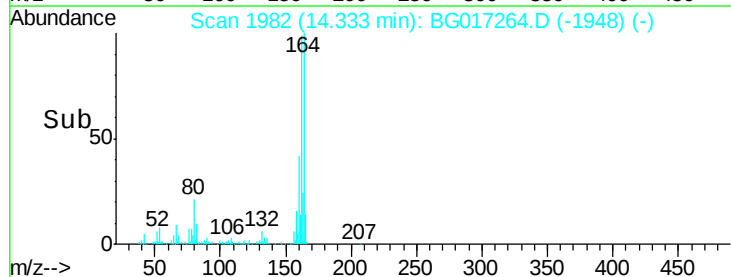
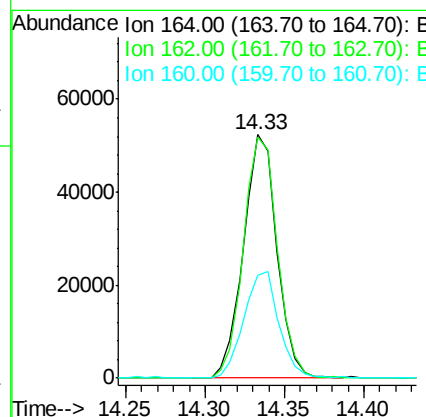
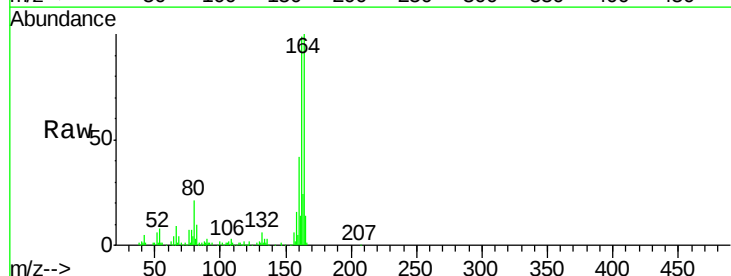
Instrument :
 BNA_G
 ClientSampleId :
 FS-037

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.3	32.6	49.0
54	57.8	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.33 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: BG017264.D
 Acq: 23 May 2015 3:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.1	82.1	123.1
160	42.3	34.8	52.2

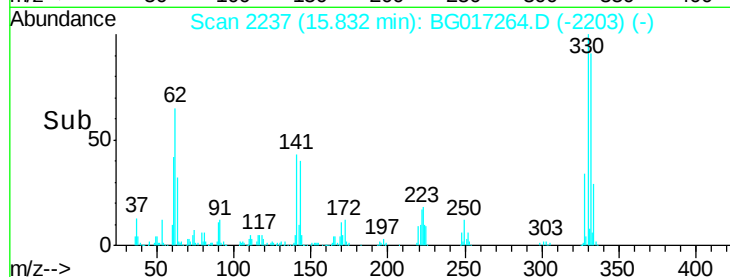
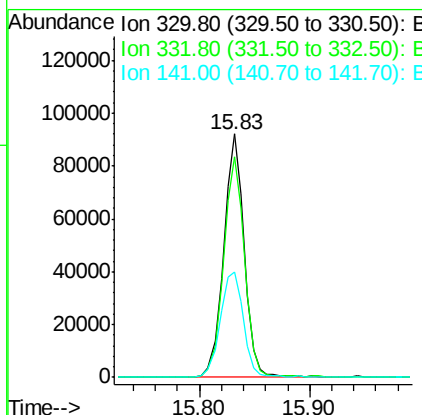
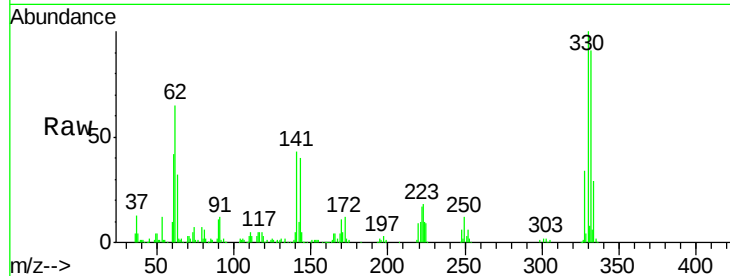




#41
 2,4,6-Tribromophenol
 Concen: 129.24 ng
 RT: 15.83 min Scan# 2237
 Delta R.T. 0.00 min
 Lab File: BG017264.D
 Acq: 23 May 2015 3:54

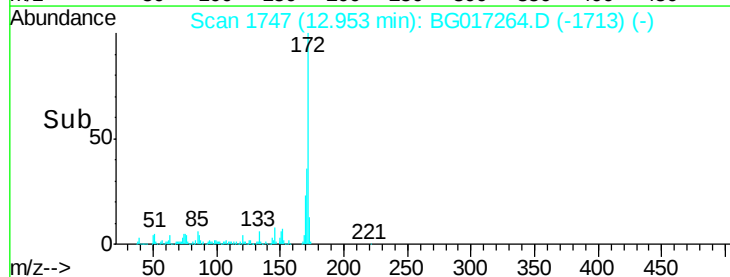
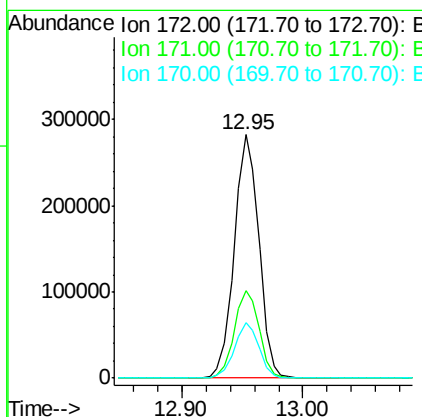
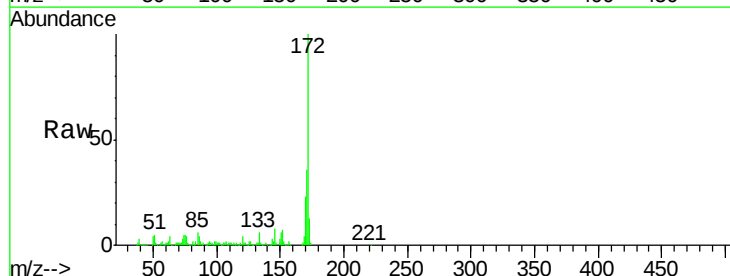
Instrument :
 BNA_G
 ClientSampleId :
 FS-037

Tgt Ion: 330 Resp: 119804
 Ion Ratio Lower Upper
 330 100
 332 92.7 76.9 115.3
 141 48.5 42.2 63.2



#44
 2-Fluorobiphenyl
 Concen: 76.80 ng
 RT: 12.95 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: BG017264.D
 Acq: 23 May 2015 3:54

Tgt Ion: 172 Resp: 401355
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 22.8 18.4 27.6





#49

Dimethylphthalate

Concen: 6.16 ng

RT: 13.80 min Scan# 1891

Delta R.T. 0.00 min

Lab File: BG017264.D

Acq: 23 May 2015 3:54

Instrument :

BNA_G

ClientSampleId :

FS-037

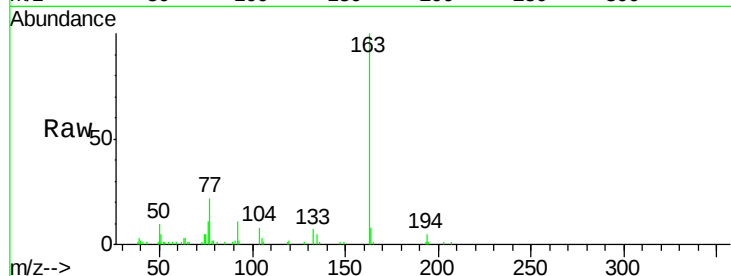
Tgt Ion:163 Resp: 36909

Ion Ratio Lower Upper

163 100

194 5.4 5.6 8.4#

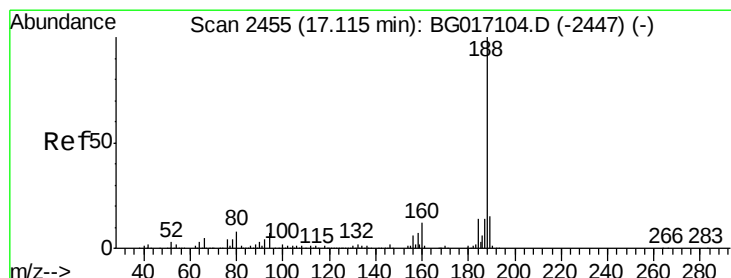
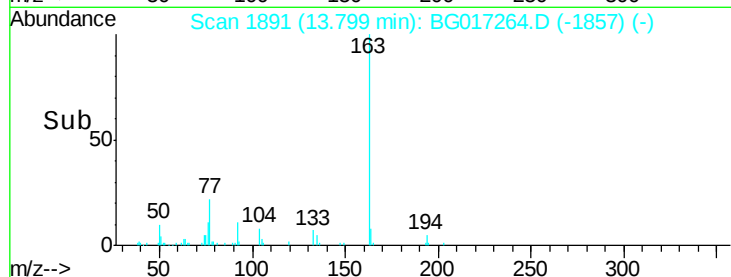
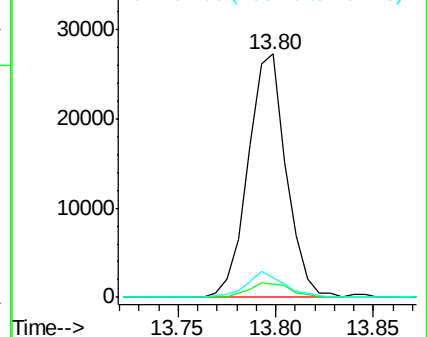
164 8.3 8.6 13.0#



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: 17.08 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BG017264.D

Acq: 23 May 2015 3:54

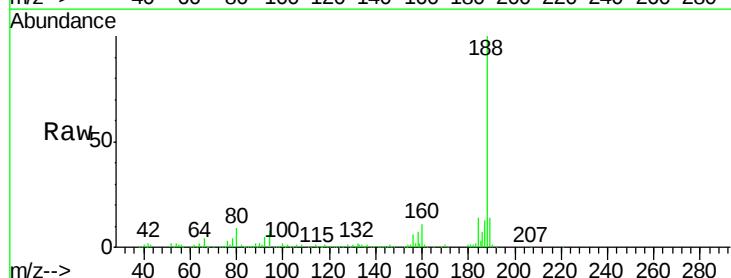
Tgt Ion:188 Resp: 169343

Ion Ratio Lower Upper

188 100

94 7.7 5.8 8.6

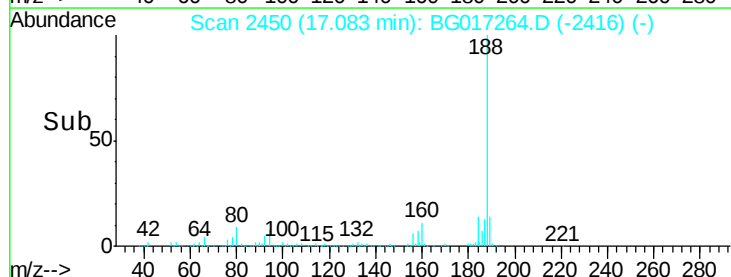
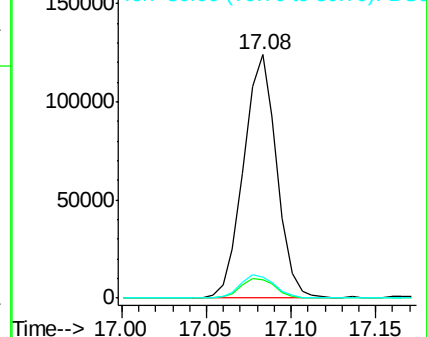
80 8.6 6.5 9.7



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: 21.27 min Scan# 3162

Delta R.T. 0.00 min

Lab File: BG017264.D

Acq: 23 May 2015 3:54

Instrument :

BNA_G

ClientSampleId :

FS-037

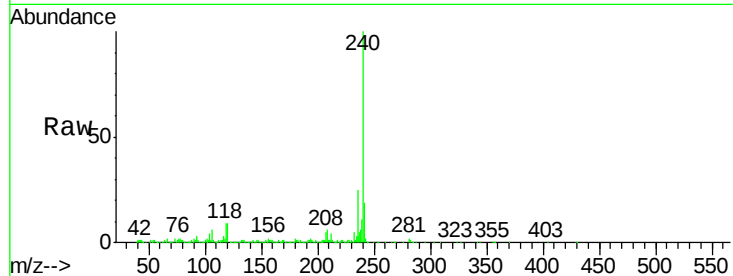
Tgt Ion:240 Resp: 192188

Ion Ratio Lower Upper

240 100

120 8.9 6.0 9.0

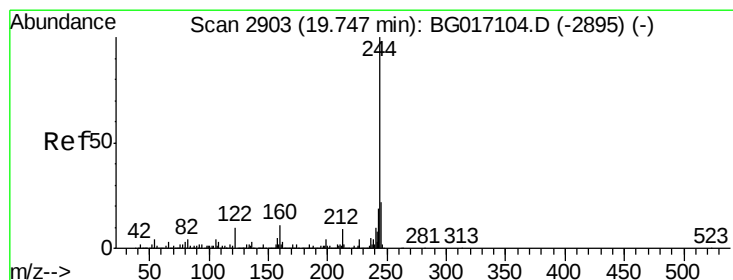
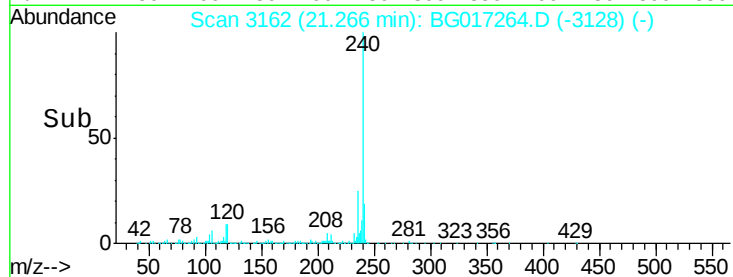
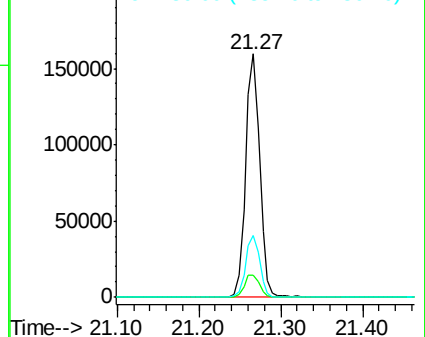
236 25.5 20.5 30.7



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: 70.51 ng

RT: 19.72 min Scan# 2898

Delta R.T. 0.00 min

Lab File: BG017264.D

Acq: 23 May 2015 3:54

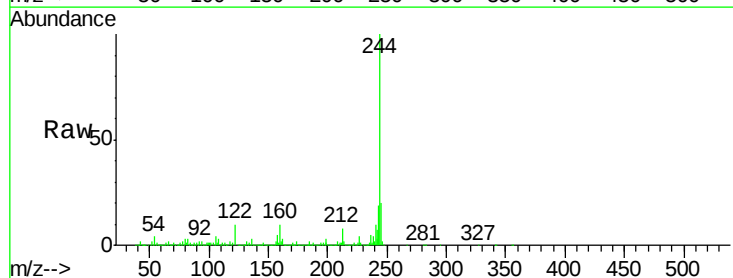
Tgt Ion:244 Resp: 650244

Ion Ratio Lower Upper

244 100

212 7.9 7.0 10.4

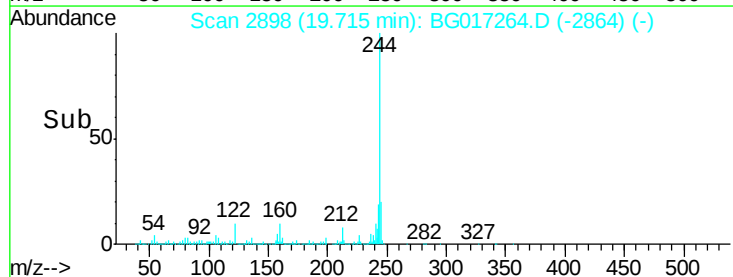
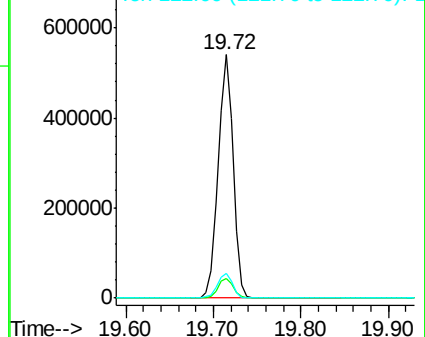
122 10.4 8.4 12.6

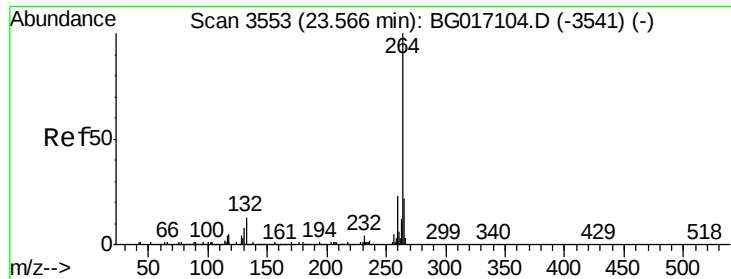


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.52 min Scan# 3545
Delta R.T. 0.00 min
Lab File: BG017264.D
Acq: 23 May 2015 3:54

Instrument :
BNA_G
ClientSampleId :
FS-037

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.0	27.0
265	21.4	17.4	26.0

