

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052815\
 Data File : BG017351.D
 Acq On : 29 May 2015 8:47
 Operator : TP/IZ
 Sample : G2408-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-22S

Quant Time: May 29 17:02:39 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 04:22:03 2015
 Response via : Initial Calibration

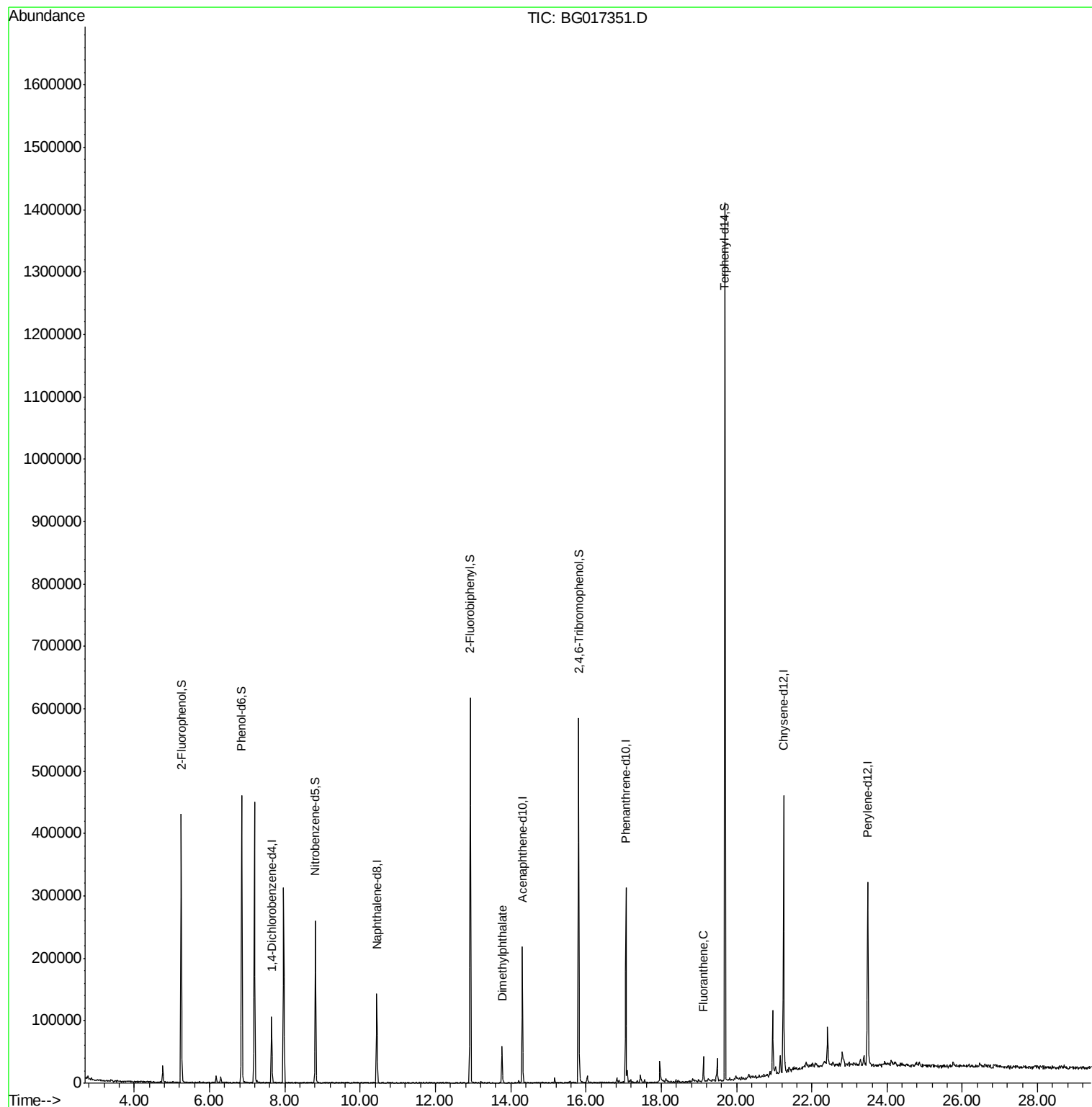
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	23600	20.00	ng	-0.05
21) Naphthalene-d8	10.45	136	101147	20.00	ng	-0.06
38) Acenaphthene-d10	14.31	164	65420	20.00	ng	-0.05
63) Phenanthrene-d10	17.06	188	160152	20.00	ng	-0.05
75) Chrysene-d12	21.25	240	189193	20.00	ng	-0.05
86) Perylene-d12	23.49	264	188049	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	146167	109.89	ng	-0.05
7) Phenol-d6	6.86	99	195506	104.74	ng	-0.05
23) Nitrobenzene-d5	8.81	82	135693	62.63	ng	-0.06
41) 2,4,6-Tribromophenol	15.81	330	84102	106.35	ng	-0.05
44) 2-Fluorobiphenyl	12.93	172	283598	63.61	ng	-0.05
78) Terphenyl-d14	19.69	244	535084	58.94	ng	-0.05
Target Compounds						
49) Dimethylphthalate	13.77	163	32768	6.41	ng	96
74) Fluoranthene	19.12	202	21536	2.17	ng	97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.66 min Scan# 845

Delta R.T. -0.05 min

Lab File: BG017351.D

Acq: 29 May 2015 8:47

Instrument :

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SB-22S

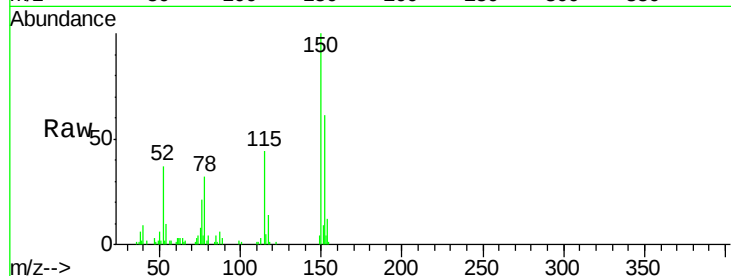
Tgt Ion:152 Resp: 23600

Ion Ratio Lower Upper

152 100

150 165.2 120.8 181.2

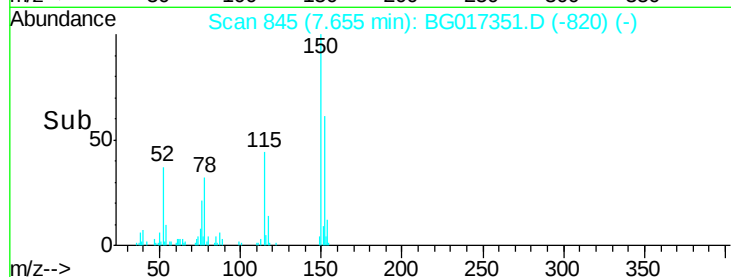
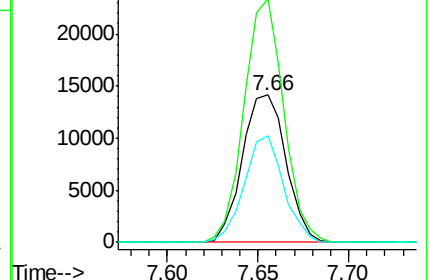
115 72.3 49.4 74.2



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: 109.89 ng

RT: 5.25 min Scan# 436

Delta R.T. -0.05 min

Lab File: BG017351.D

Acq: 29 May 2015 8:47

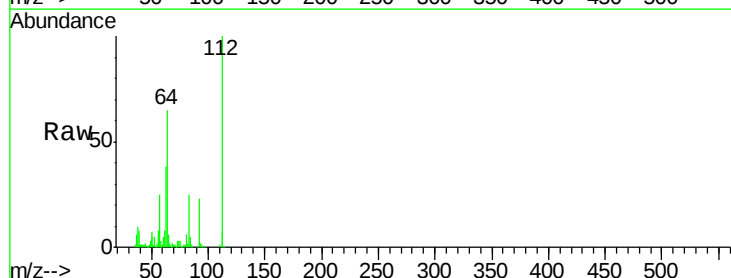
Tgt Ion:112 Resp: 146167

Ion Ratio Lower Upper

112 100

64 65.1 48.1 72.1

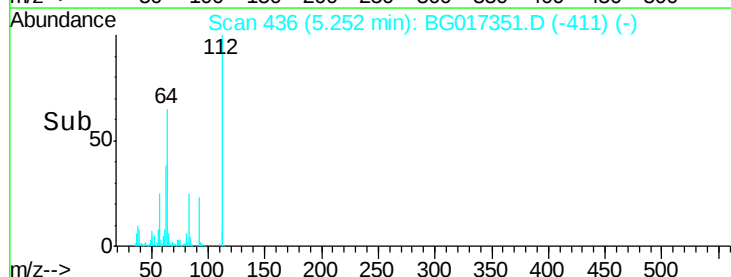
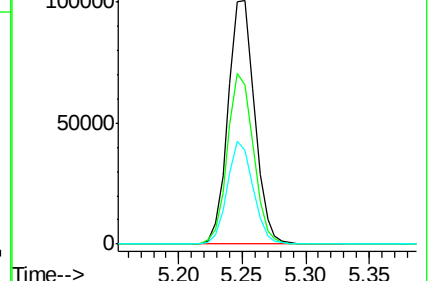
63 38.3 29.8 44.8

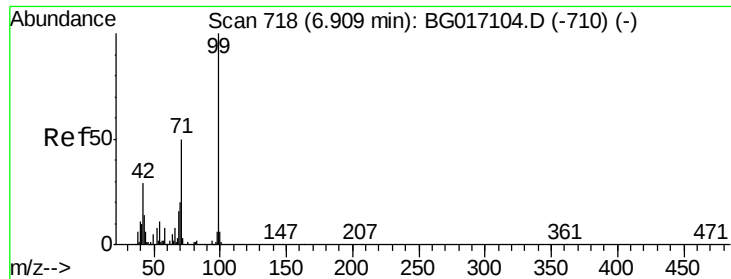


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 104.74 ng

RT: 6.86 min Scan# 709

Delta R.T. -0.05 min

Lab File: BG017351.D

Acq: 29 May 2015 8:47

Instrument :

BNA_G

ClientSampleId :

SB-22S

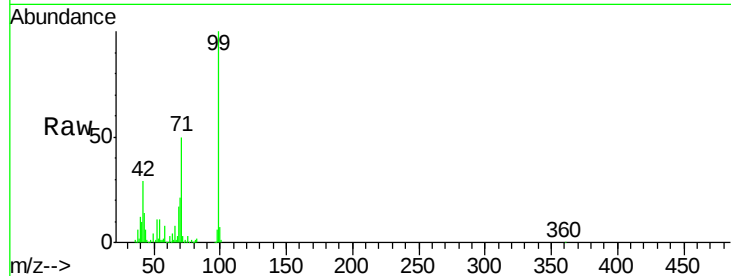
Tgt Ion: 99 Resp: 195506

Ion Ratio Lower Upper

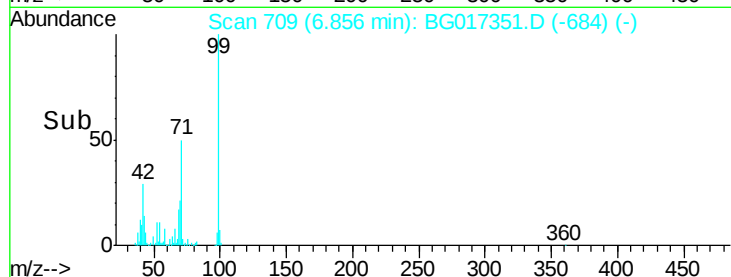
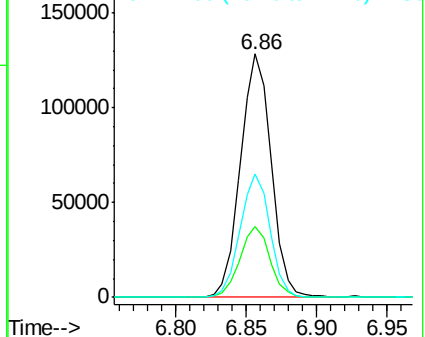
99 100

42 28.9 23.5 35.3

71 50.5 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: 10.45 min Scan# 1320

Delta R.T. -0.06 min

Lab File: BG017351.D

Acq: 29 May 2015 8:47

Tgt Ion: 136 Resp: 101147

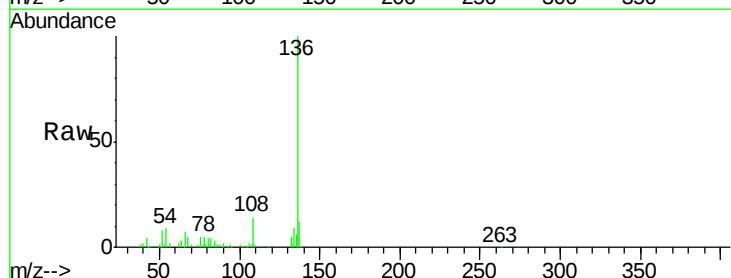
Ion Ratio Lower Upper

136 100

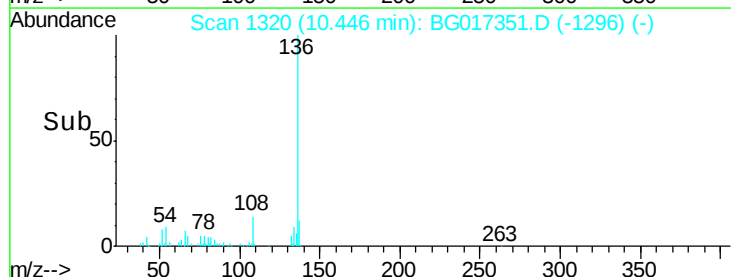
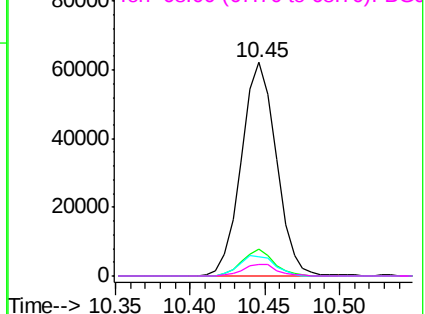
137 12.5 8.3 12.5#

54 9.1 7.4 11.2

68 5.2 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

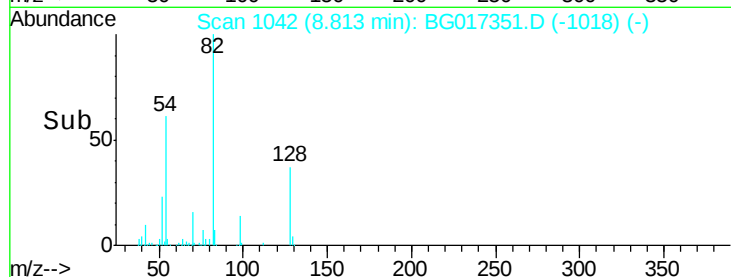
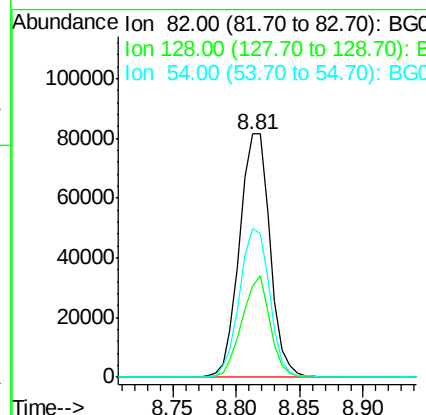
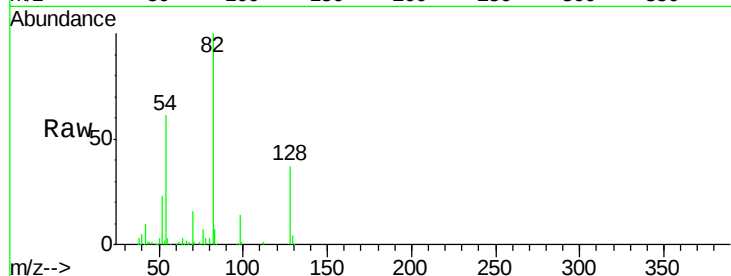




#23
 Nitrobenzene-d5
 Concen: 62.63 ng
 RT: 8.81 min Scan# 1042
 Delta R.T. -0.06 min
 Lab File: BG017351.D
 Acq: 29 May 2015 8:47

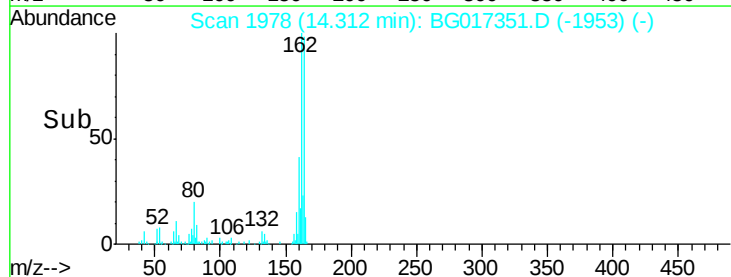
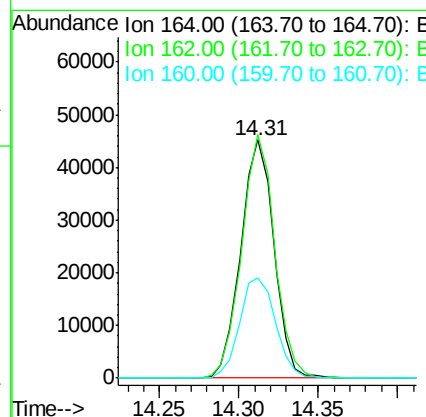
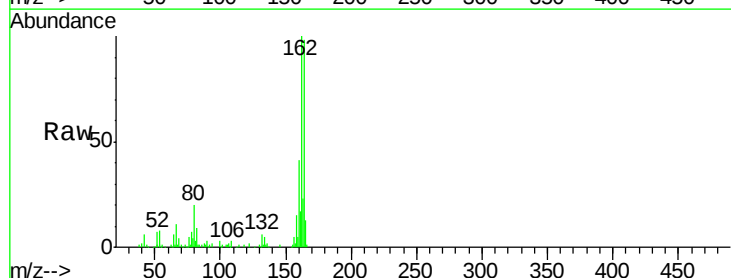
Instrument :
 BNA_G
 ClientSampleId :
 SB-22S

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.4	32.6	49.0
54	61.3	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.31 min Scan# 1978
 Delta R.T. -0.05 min
 Lab File: BG017351.D
 Acq: 29 May 2015 8:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.1	123.1
160	42.2	34.8	52.2

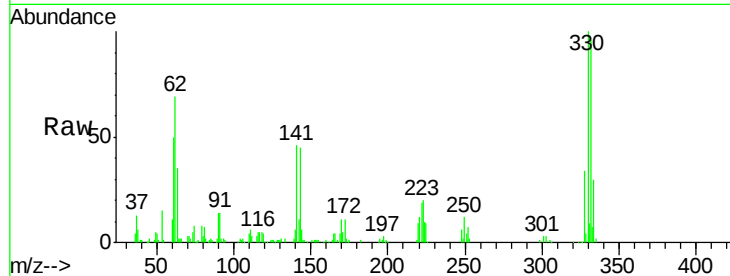




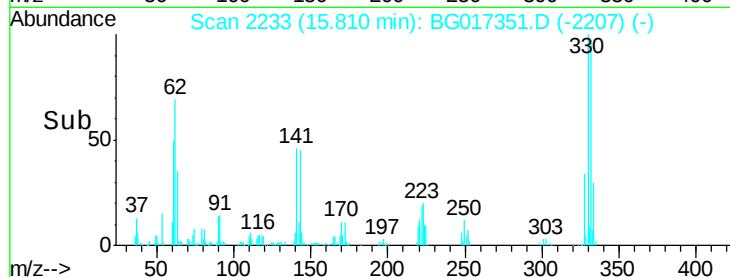
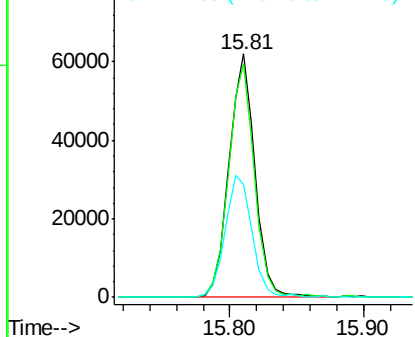
#41
 2,4,6-Tribromophenol
 Concen: 106.35 ng
 RT: 15.81 min Scan# 2233
 Delta R.T. -0.05 min
 Lab File: BG017351.D
 Acq: 29 May 2015 8:47

Instrument :
 BNA_G
 ClientSampleId :
 SB-22S

Tgt Ion:330 Resp: 84102
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.9 115.3
 141 52.2 42.2 63.2

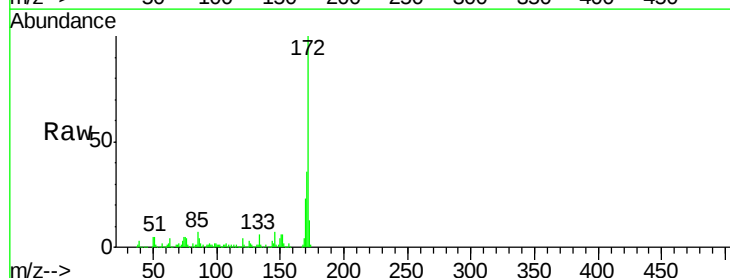


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

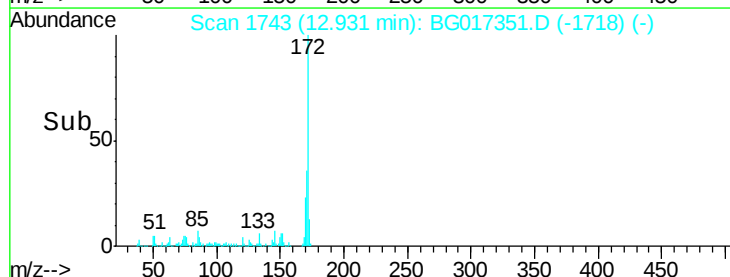
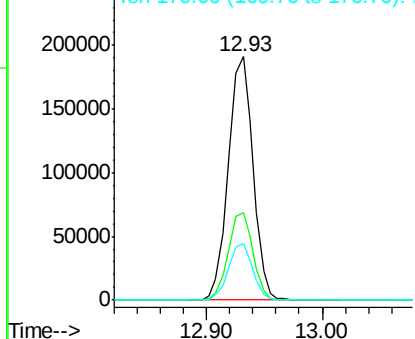


#44
 2-Fluorobiphenyl
 Concen: 63.61 ng
 RT: 12.93 min Scan# 1743
 Delta R.T. -0.05 min
 Lab File: BG017351.D
 Acq: 29 May 2015 8:47

Tgt Ion:172 Resp: 283598
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.2 18.4 27.6



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: 6.41 ng

RT: 13.77 min Scan# 1886

Delta R.T. -0.06 min

Lab File: BG017351.D

Acq: 29 May 2015 8:47

Instrument :

BNA_G

ClientSampleId :

SB-22S

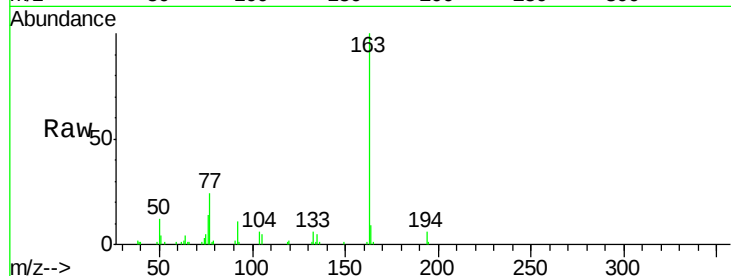
Tgt Ion:163 Resp: 32768

Ion Ratio Lower Upper

163 100

194 6.1 5.6 8.4

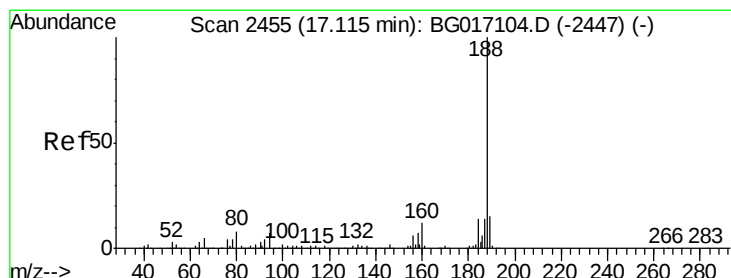
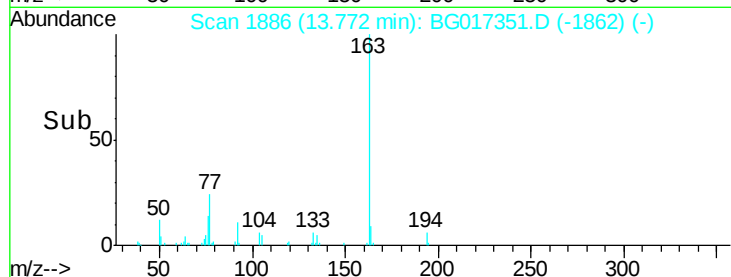
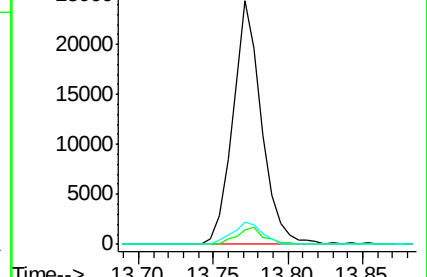
164 9.0 8.6 13.0



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: 17.06 min Scan# 2446

Delta R.T. -0.05 min

Lab File: BG017351.D

Acq: 29 May 2015 8:47

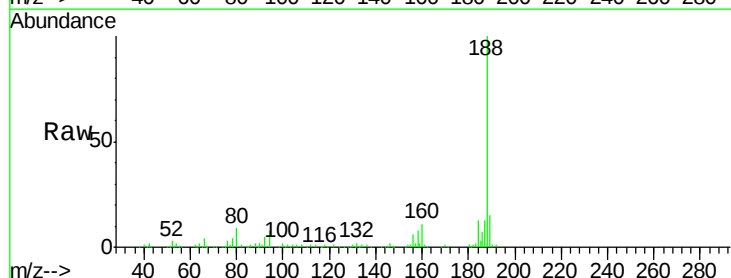
Tgt Ion:188 Resp: 160152

Ion Ratio Lower Upper

188 100

94 7.9 5.8 8.6

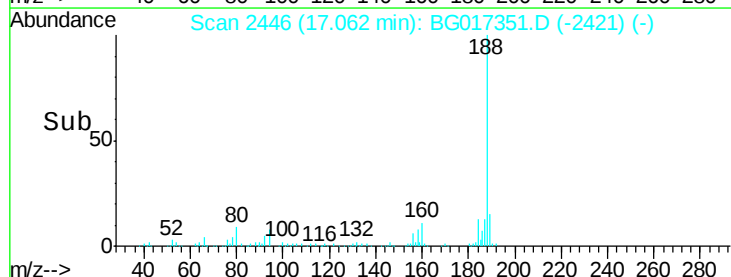
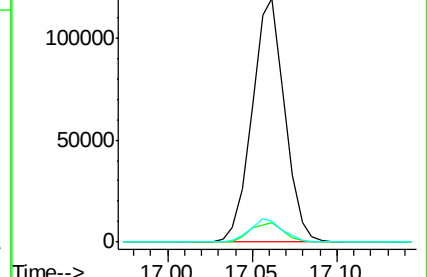
80 8.7 6.5 9.7

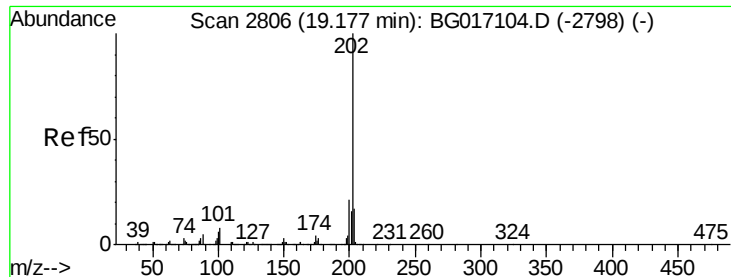


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#74

Fluoranthene

Concen: 2.17 ng

RT: 19.12 min Scan# 2797

Delta R.T. -0.05 min

Lab File: BG017351.D

Acq: 29 May 2015 8:47

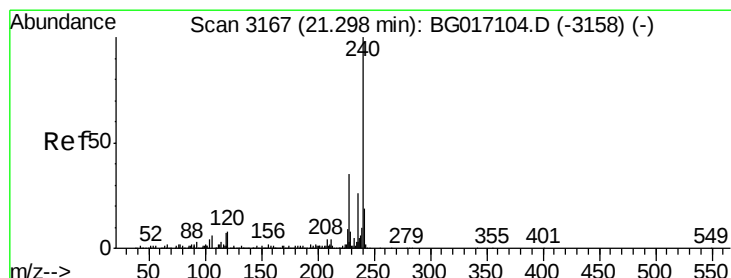
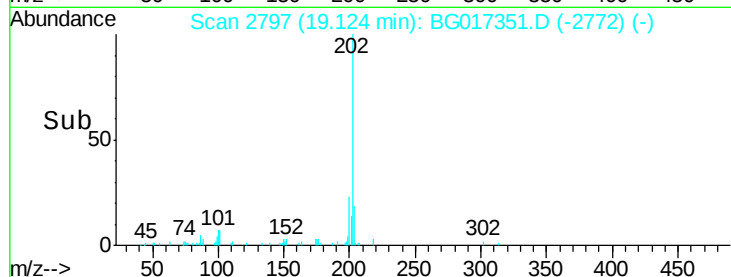
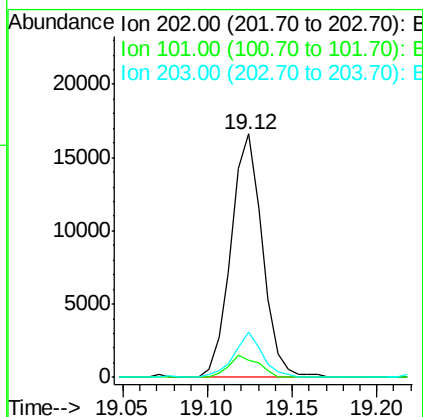
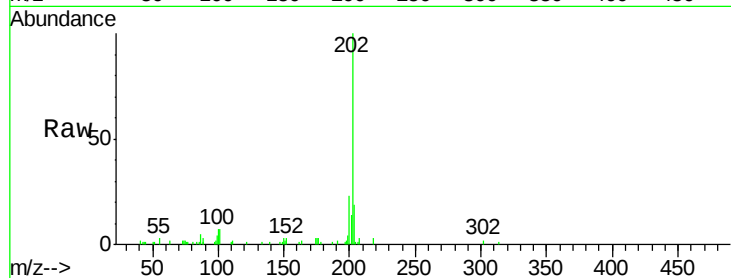
Instrument :

BNA_G

ClientSampleId :

SB-22S

Tgt Ion:	202	Resp:	21536
Ion Ratio		Lower	Upper
202	100		
101	7.1	0.0	28.3
203	18.6	0.0	37.4



#75

Chrysene-d12

Concen: 20.00 ng

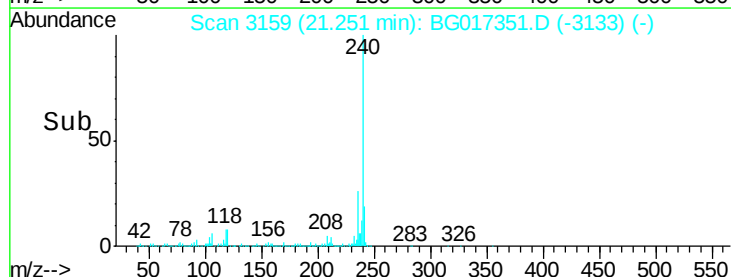
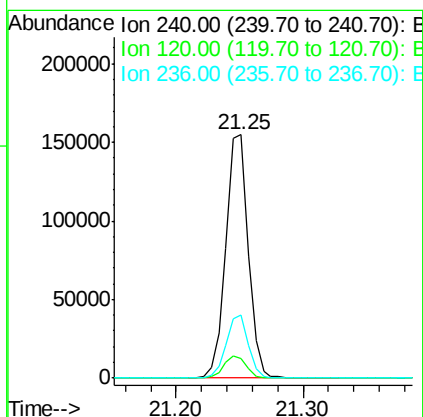
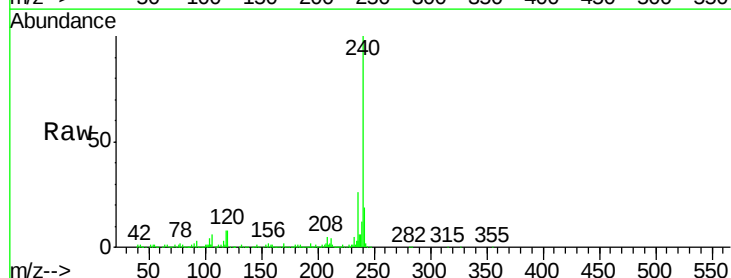
RT: 21.25 min Scan# 3159

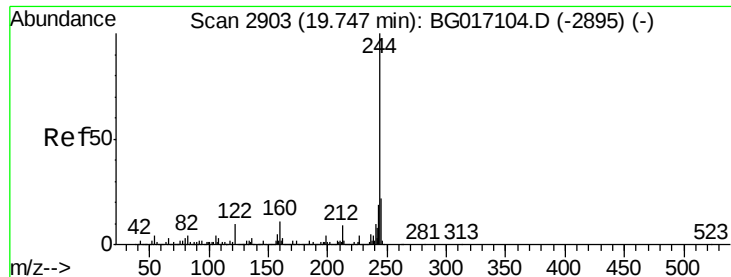
Delta R.T. -0.05 min

Lab File: BG017351.D

Acq: 29 May 2015 8:47

Tgt Ion:	240	Resp:	189193
Ion Ratio		Lower	Upper
240	100		
120	8.2	6.0	9.0
236	26.2	20.5	30.7





#78

Terphenyl-d14

Concen: 58.94 ng

RT: 19.69 min Scan# 2894

Delta R.T. -0.05 min

Lab File: BG017351.D

Acq: 29 May 2015 8:47

Instrument :

BNA_G

ClientSampleId :

SB-22S

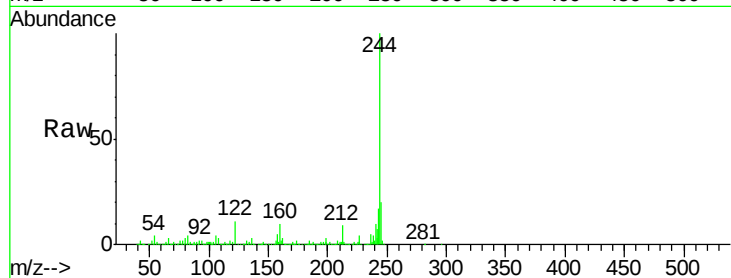
Tgt Ion:244 Resp: 535084

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.4

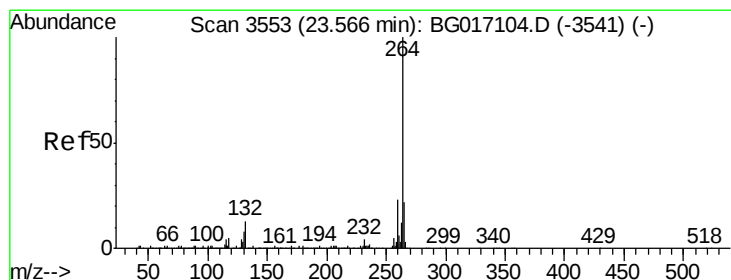
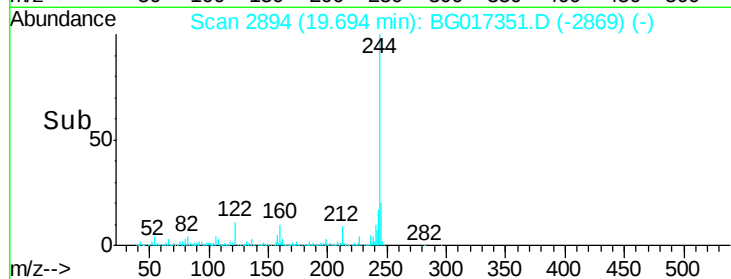
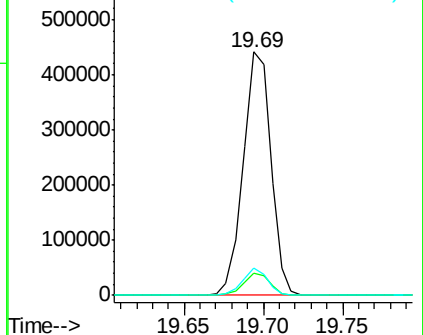
122 11.0 8.4 12.6



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: 23.49 min Scan# 3540

Delta R.T. -0.08 min

Lab File: BG017351.D

Acq: 29 May 2015 8:47

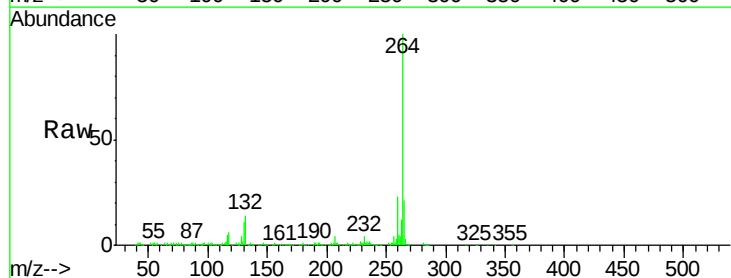
Tgt Ion:264 Resp: 188049

Ion Ratio Lower Upper

264 100

260 23.4 18.0 27.0

265 20.9 17.4 26.0



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

