

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052815\
 Data File : BG017346.D
 Acq On : 29 May 2015 5:53
 Operator : TP/IZ
 Sample : G2415-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1505193126

Quant Time: May 29 07:32:57 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 05:38:51 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	24354	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	102086	20.00	ng	0.00
38) Acenaphthene-d10	14.31	164	66338	20.00	ng	0.00
63) Phenanthrene-d10	17.06	188	156850	20.00	ng	0.00
75) Chrysene-d12	21.25	240	185963	20.00	ng	0.00
86) Perylene-d12	23.49	264	189603	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	30510	22.23	ng	0.00
7) Phenol-d6	6.85	99	43069	22.36	ng	0.00
23) Nitrobenzene-d5	8.82	82	29441	13.46	ng	0.00
41) 2,4,6-Tribromophenol	15.81	330	16951	21.14	ng	0.00
44) 2-Fluorobiphenyl	12.93	172	64889	14.35	ng	0.00
78) Terphenyl-d14	19.69	244	119256	13.36	ng	0.00

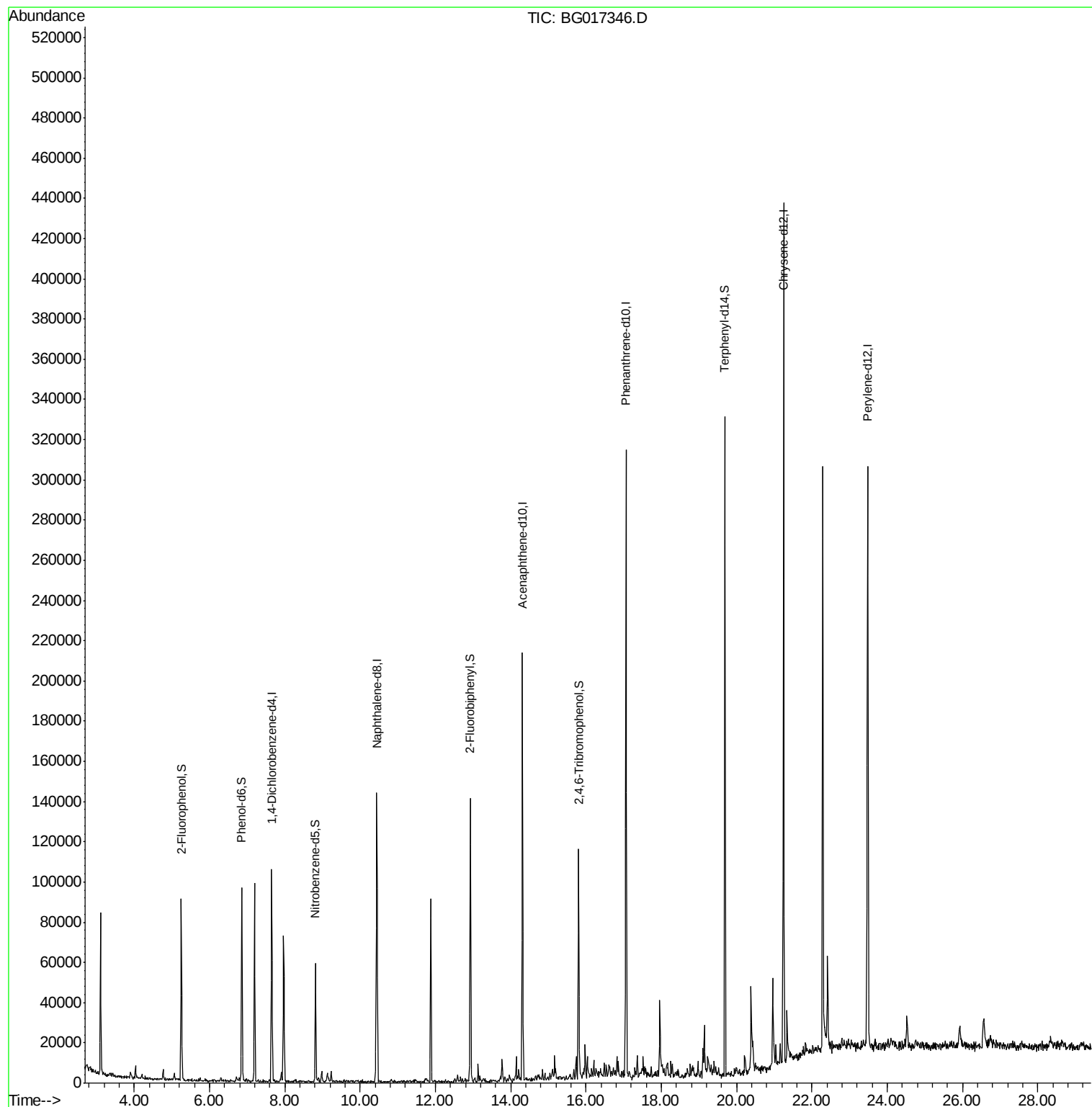
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.65 min Scan# 845

Delta R.T. -0.00 min

Lab File: BG017346.D

Acq: 29 May 2015 5:53

Instrument :

BNA_G

ClientSampleId :

1505193126

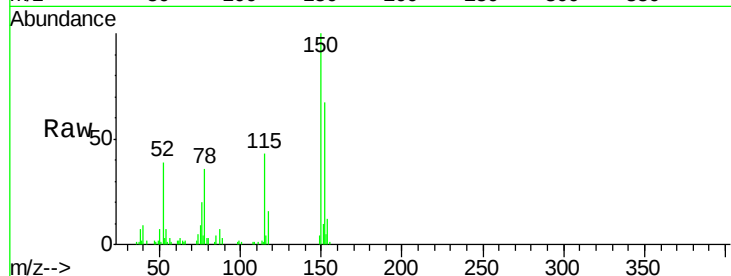
Tgt Ion:152 Resp: 24354

Ion Ratio Lower Upper

152 100

150 148.6 120.8 181.2

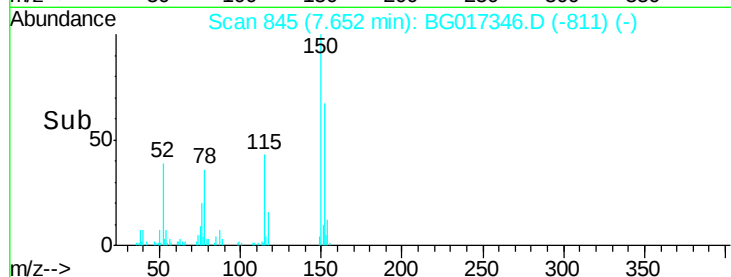
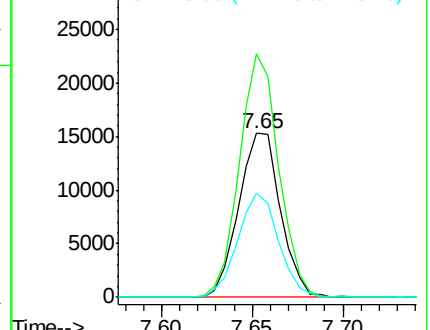
115 63.8 49.4 74.2



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: 22.23 ng

RT: 5.25 min Scan# 436

Delta R.T. -0.00 min

Lab File: BG017346.D

Acq: 29 May 2015 5:53

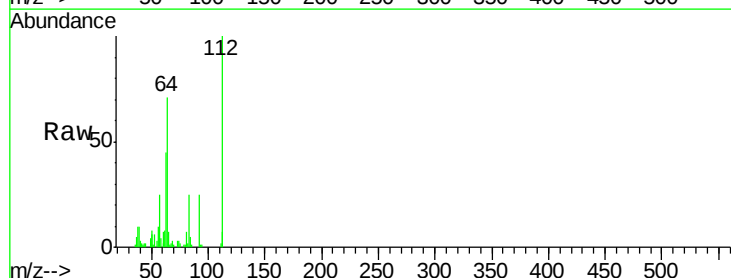
Tgt Ion:112 Resp: 30510

Ion Ratio Lower Upper

112 100

64 71.4 48.1 72.1

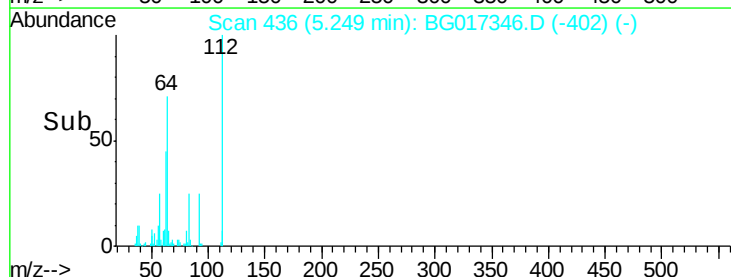
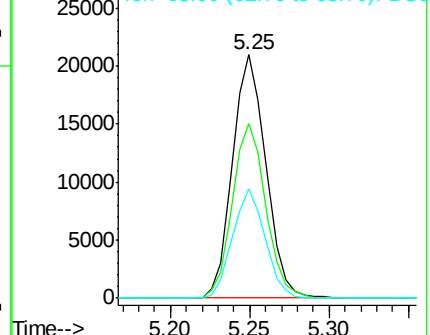
63 44.8 29.8 44.8#

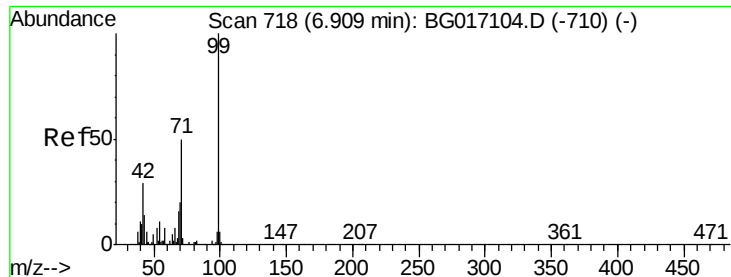


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 22.36 ng

RT: 6.85 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG017346.D

Acq: 29 May 2015 5:53

Instrument :

BNA_G

ClientSampleId :

1505193126

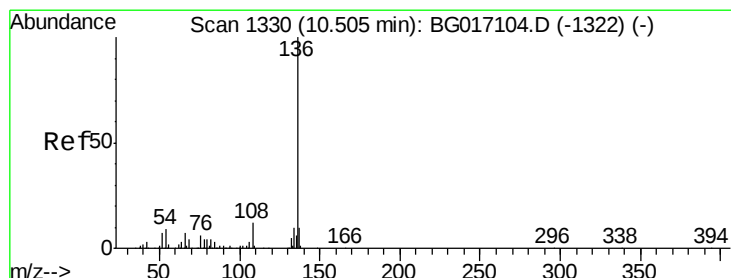
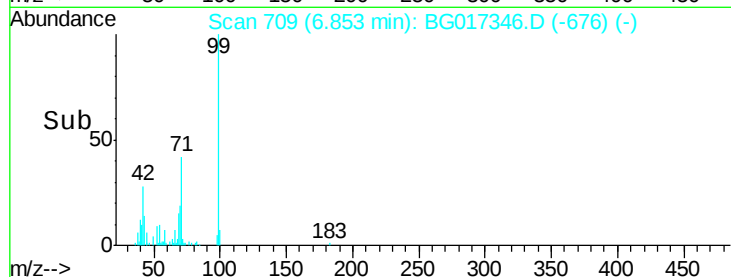
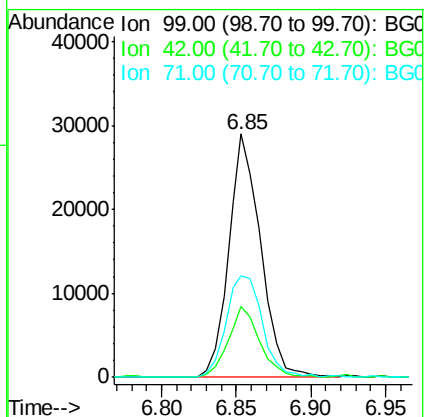
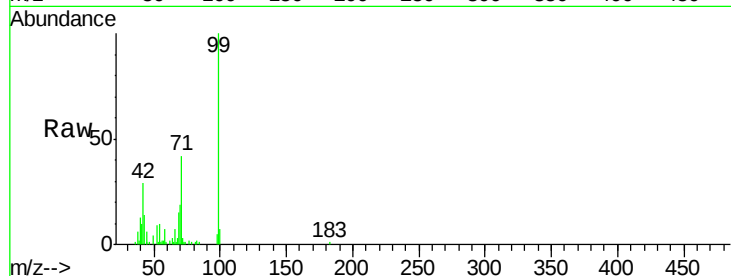
Tgt Ion: 99 Resp: 43069

Ion Ratio Lower Upper

99 100

42 28.9 23.5 35.3

71 41.9 39.8 59.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.45 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BG017346.D

Acq: 29 May 2015 5:53

Tgt Ion: 136 Resp: 102086

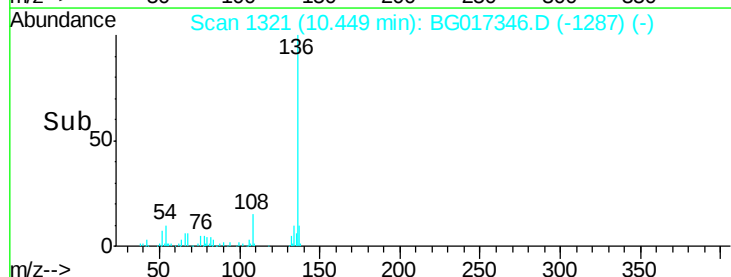
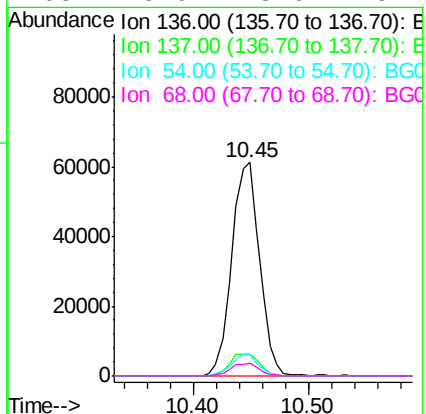
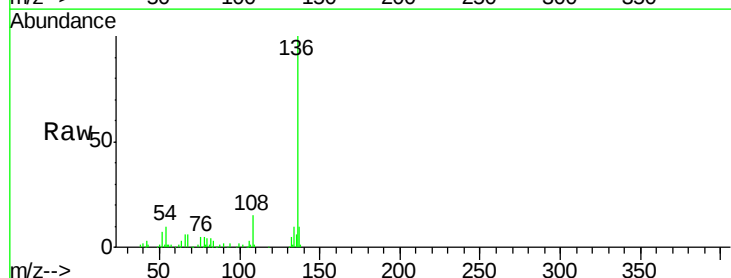
Ion Ratio Lower Upper

136 100

137 10.0 8.3 12.5

54 10.7 7.4 11.2

68 5.9 3.6 5.4#

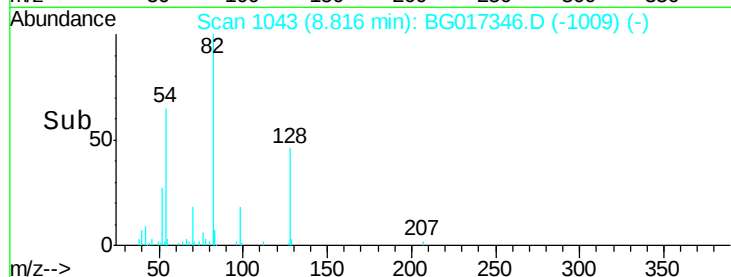
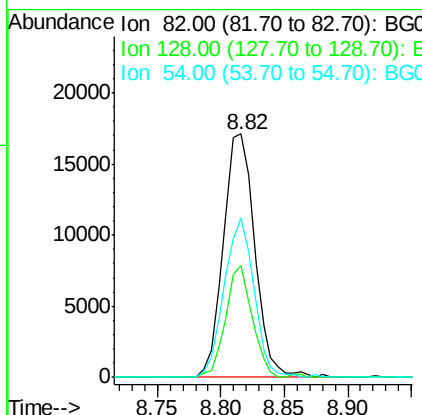
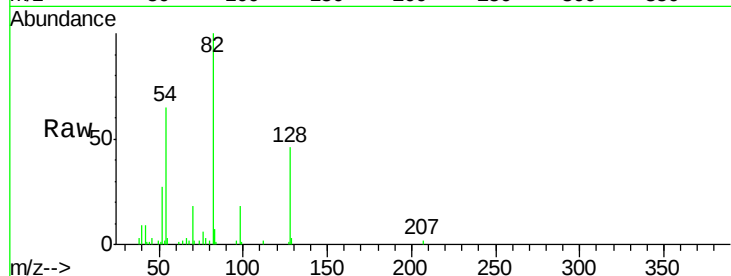




#23
 Nitrobenzene-d5
 Concen: 13.46 ng
 RT: 8.82 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG017346.D
 Acq: 29 May 2015 5:53

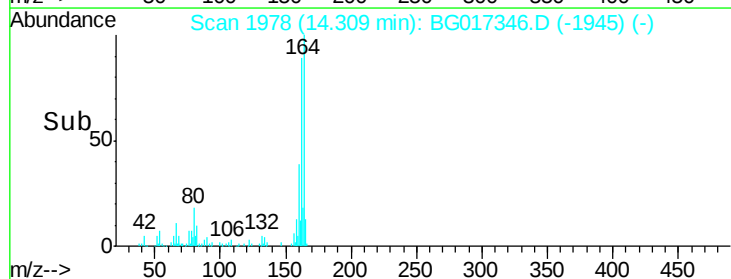
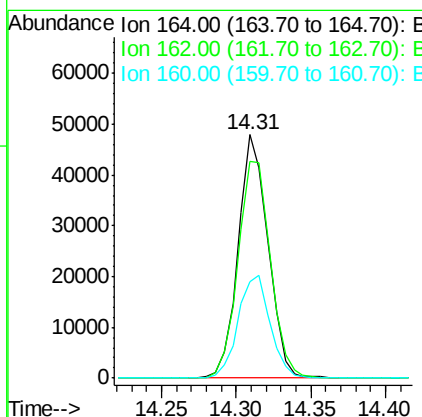
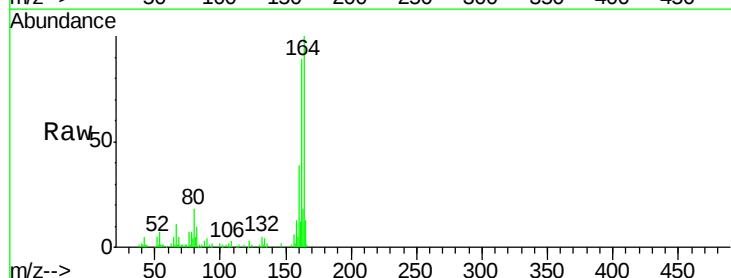
Instrument :
 BNA_G
 ClientSampleId :
 1505193126

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.0	32.6	49.0
54	65.5	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.31 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BG017346.D
 Acq: 29 May 2015 5:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	88.9	82.1	123.1
160	39.3	34.8	52.2

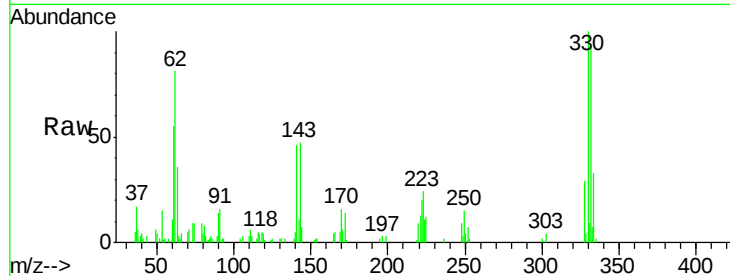




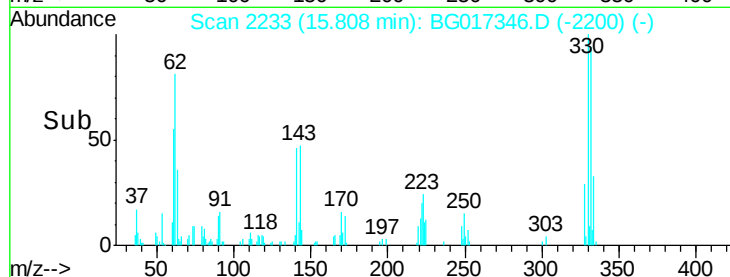
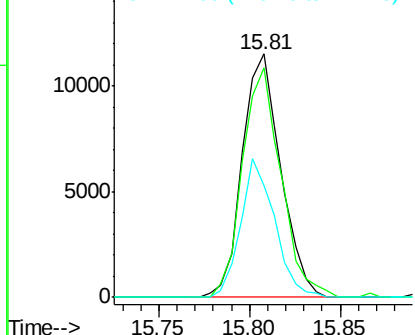
#41
 2,4,6-Tribromophenol
 Concen: 21.14 ng
 RT: 15.81 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BG017346.D
 Acq: 29 May 2015 5:53

Instrument :
 BNA_G
 ClientSampleId :
 1505193126

Tgt Ion: 330 Resp: 16951
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.9 115.3
 141 50.6 42.2 63.2

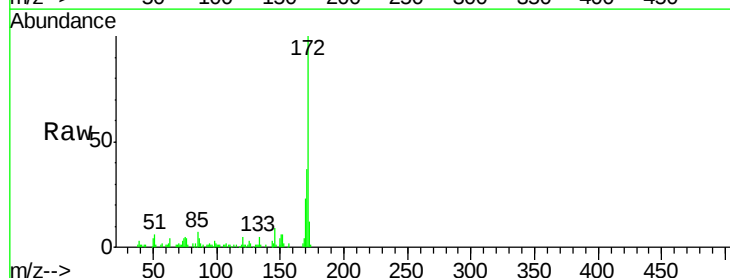


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

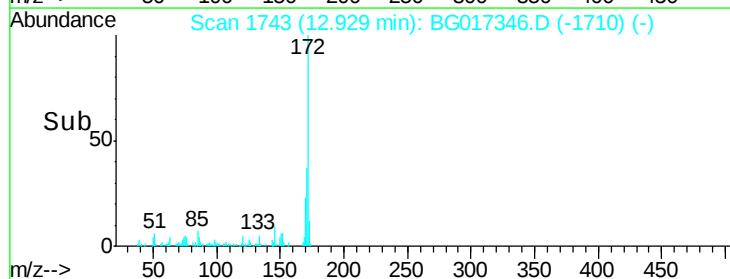
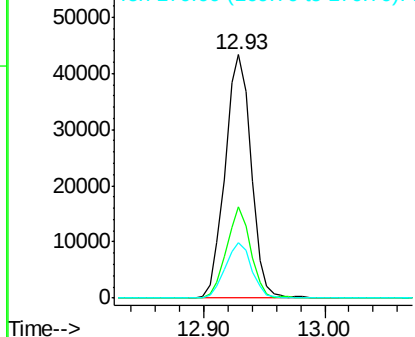


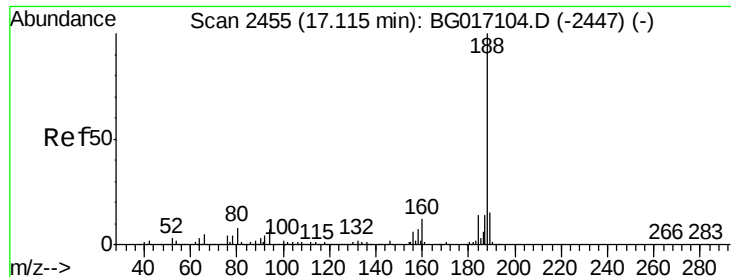
#44
 2-Fluorobiphenyl
 Concen: 14.35 ng
 RT: 12.93 min Scan# 1743
 Delta R.T. -0.01 min
 Lab File: BG017346.D
 Acq: 29 May 2015 5:53

Tgt Ion: 172 Resp: 64889
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.7 44.5
 170 22.8 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

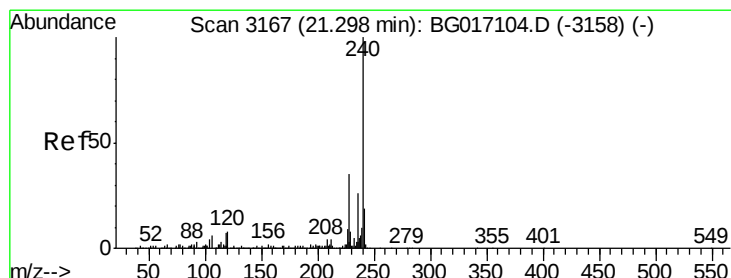
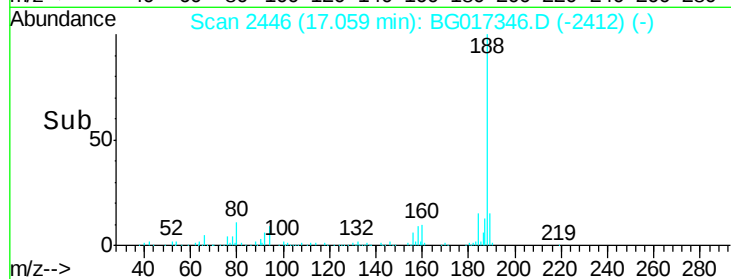
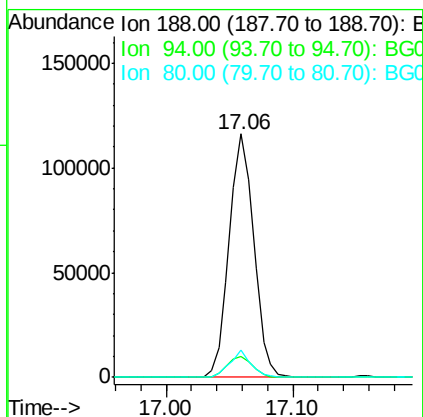
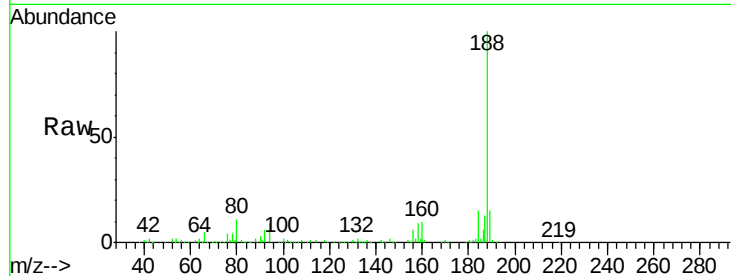




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.06 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG017346.D
Acq: 29 May 2015 5:53

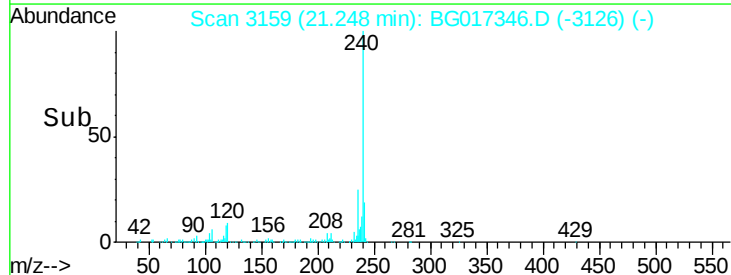
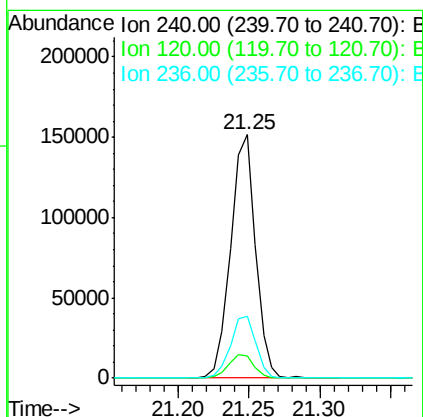
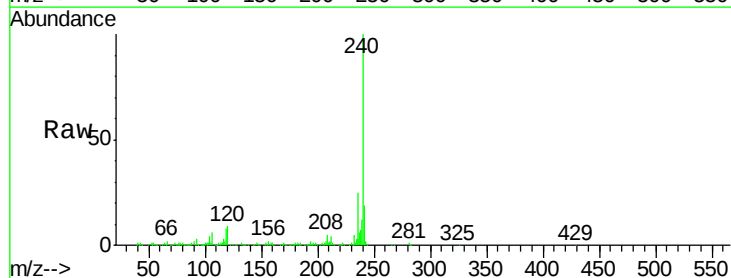
Instrument :
BNA_G
ClientSampleId :
1505193126

Tgt Ion:188 Resp: 156850
Ion Ratio Lower Upper
188 100
94 8.5 5.8 8.6
80 11.5 6.5 9.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.25 min Scan# 3159
Delta R.T. -0.01 min
Lab File: BG017346.D
Acq: 29 May 2015 5:53

Tgt Ion:240 Resp: 185963
Ion Ratio Lower Upper
240 100
120 9.0 6.0 9.0#
236 25.3 20.5 30.7





#78

Terphenyl-d14

Concen: 13.36 ng

RT: 19.69 min Scan# 2894

Delta R.T. -0.01 min

Lab File: BG017346.D

Acq: 29 May 2015 5:53

Instrument :

BNA_G

ClientSampleId :

1505193126

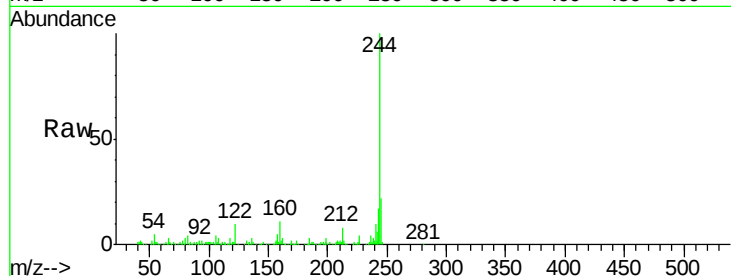
Tgt Ion:244 Resp: 119256

Ion Ratio Lower Upper

244 100

212 7.5 7.0 10.4

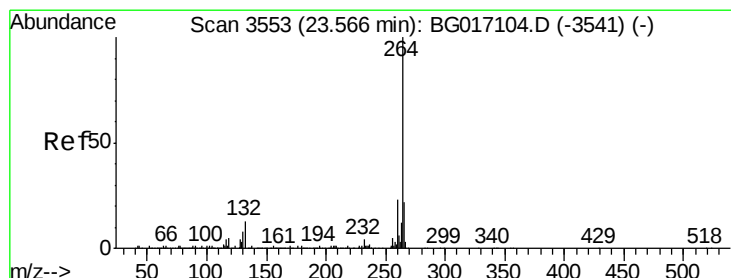
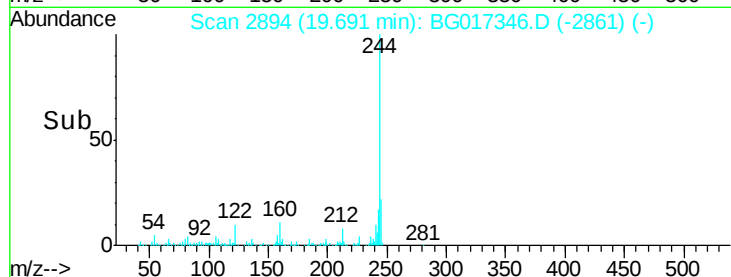
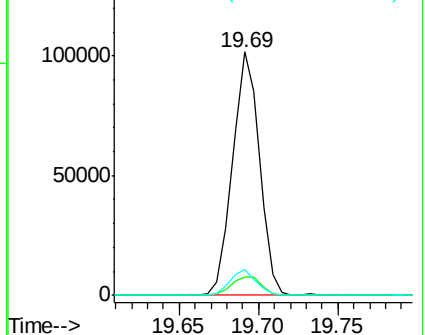
122 10.4 8.4 12.6



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: 23.49 min Scan# 3540

Delta R.T. -0.01 min

Lab File: BG017346.D

Acq: 29 May 2015 5:53

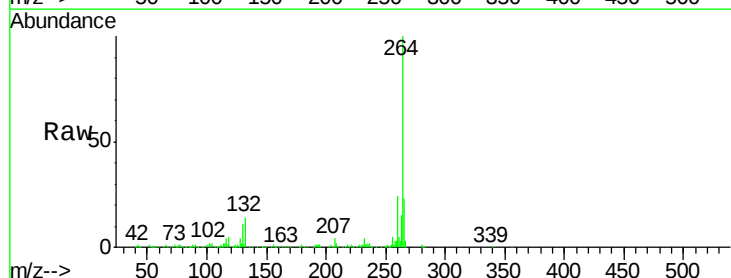
Tgt Ion:264 Resp: 189603

Ion Ratio Lower Upper

264 100

260 24.2 18.0 27.0

265 22.6 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

