

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052815\
 Data File : BG017322.D
 Acq On : 28 May 2015 13:20
 Operator : TP/IZ
 Sample : G2383-10
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-HF-3

Quant Time: May 29 01:11:11 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 01:04:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	22566	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	95428	20.00	ng	0.00
38) Acenaphthene-d10	14.31	164	63306	20.00	ng	0.00
63) Phenanthrene-d10	17.06	188	149486	20.00	ng	0.00
75) Chrysene-d12	21.25	240	186251	20.00	ng	0.00
86) Perylene-d12	23.49	264	179034	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	106226	83.52	ng	0.00
7) Phenol-d6	6.86	99	95024	53.24	ng	0.00
23) Nitrobenzene-d5	8.81	82	172661	84.47	ng	0.00
41) 2,4,6-Tribromophenol	15.81	330	107562	140.55	ng	0.00
44) 2-Fluorobiphenyl	12.93	172	381971	88.54	ng	0.00
78) Terphenyl-d14	19.70	244	777372	86.98	ng	0.00

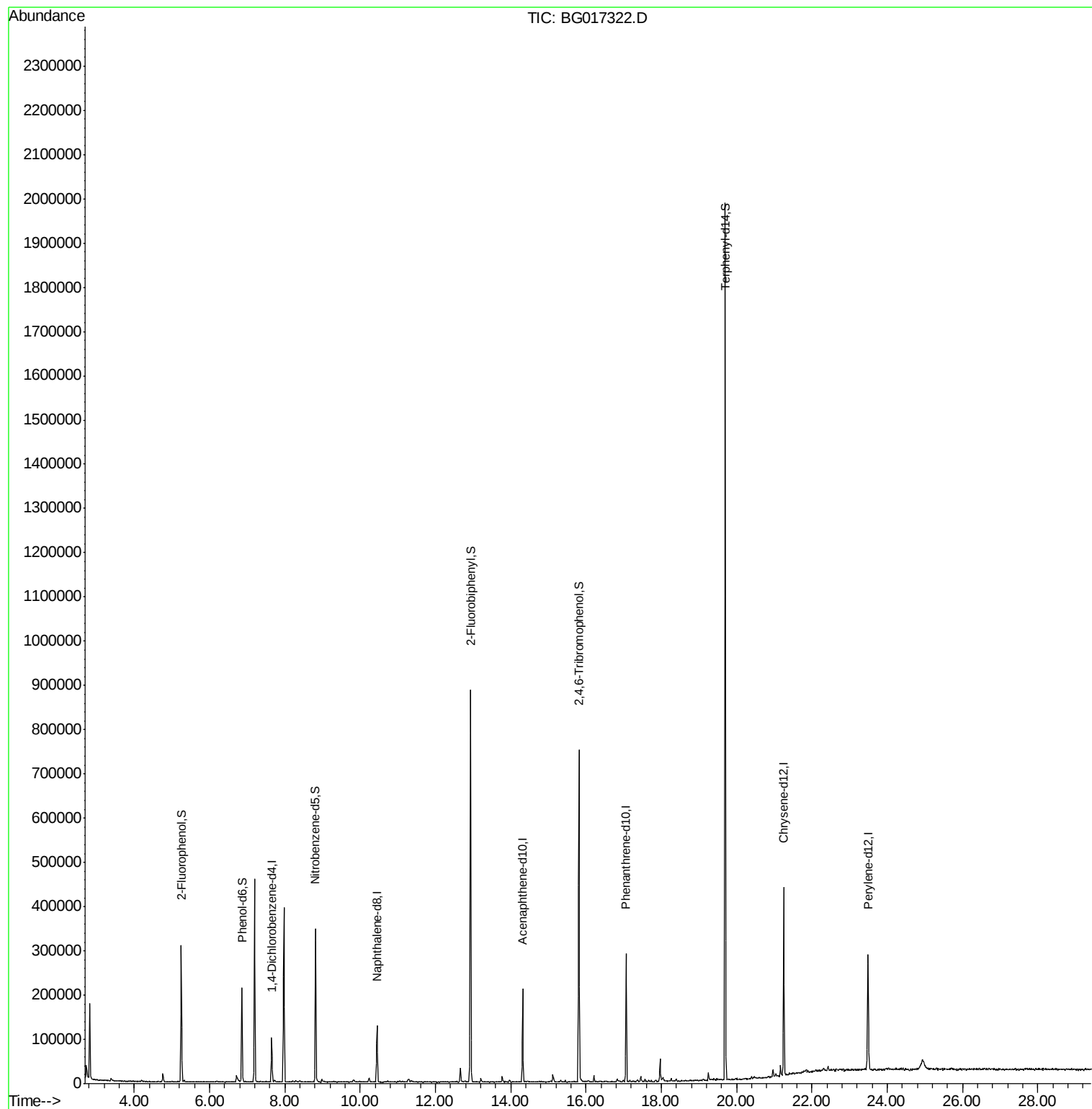
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.66 min Scan# 846

Delta R.T. 0.00 min

Lab File: BG017322.D

Acq: 28 May 2015 13:20

Instrument :

BNA_G

ClientSampleId :

GW-HF-3

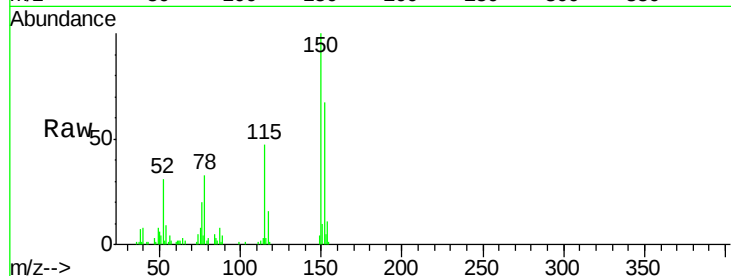
Tgt Ion:152 Resp: 22566

Ion Ratio Lower Upper

152 100

150 149.3 120.8 181.2

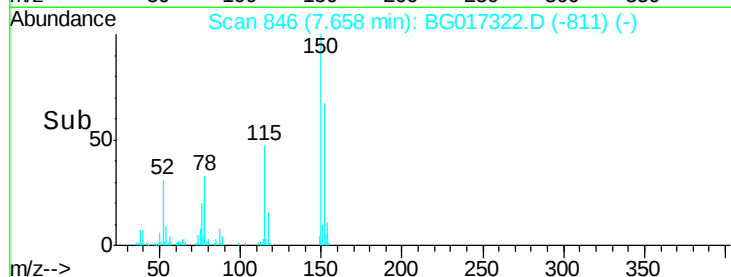
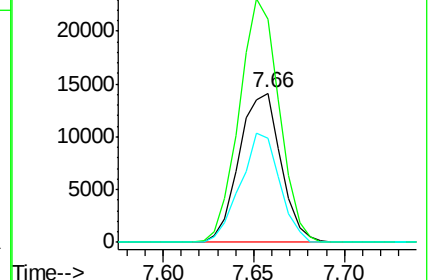
115 70.0 49.4 74.2



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: 83.52 ng

RT: 5.25 min Scan# 436

Delta R.T. -0.00 min

Lab File: BG017322.D

Acq: 28 May 2015 13:20

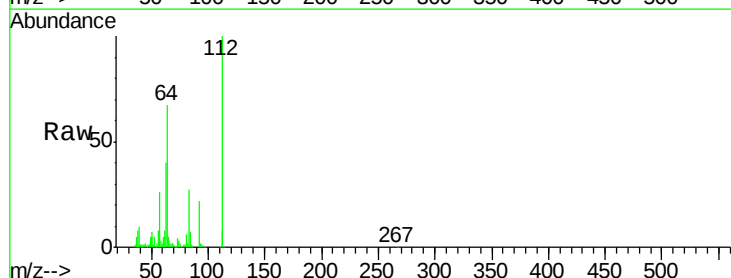
Tgt Ion:112 Resp: 106226

Ion Ratio Lower Upper

112 100

64 66.8 48.1 72.1

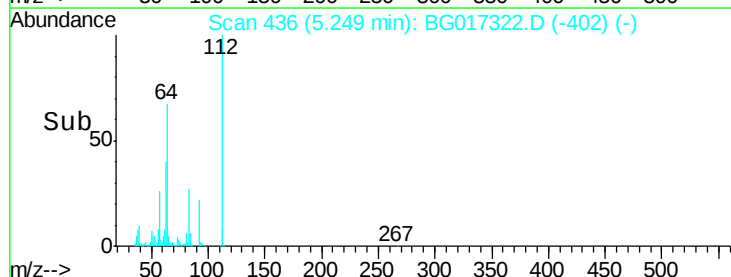
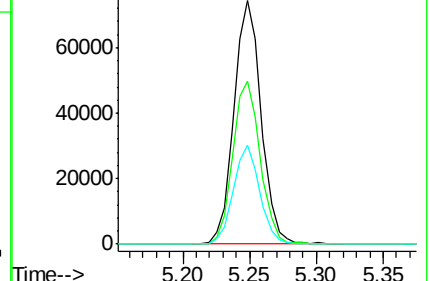
63 40.4 29.8 44.8

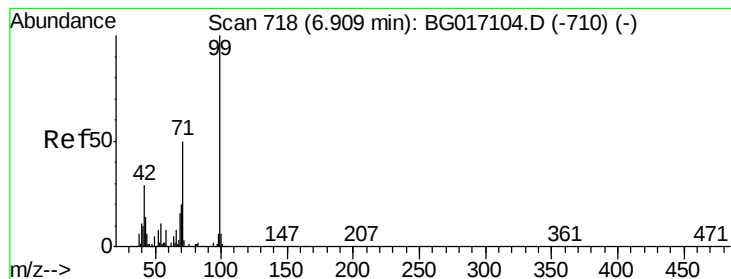


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 53.24 ng

RT: 6.86 min Scan# 710

Delta R.T. -0.00 min

Lab File: BG017322.D

Acq: 28 May 2015 13:20

Instrument :

BNA_G

ClientSampleId :

GW-HF-3

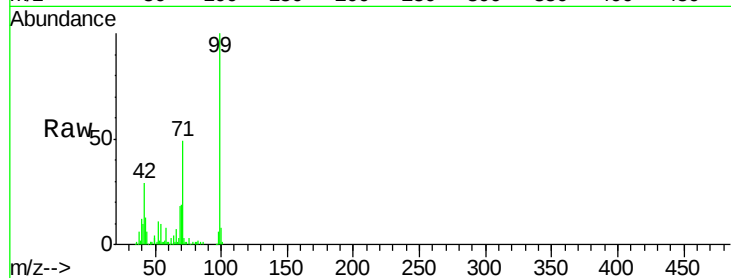
Tgt Ion: 99 Resp: 95024

Ion Ratio Lower Upper

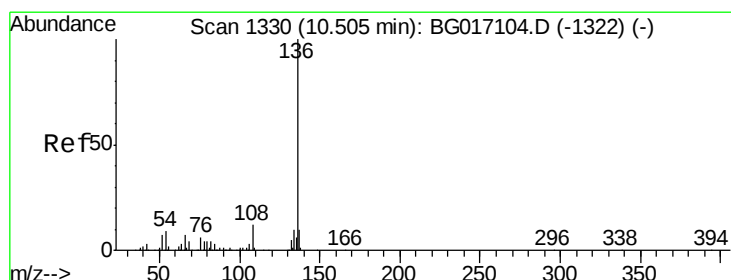
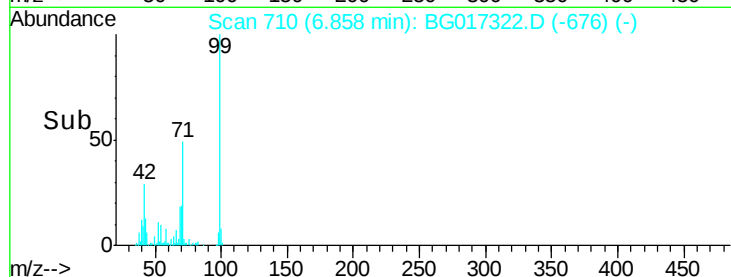
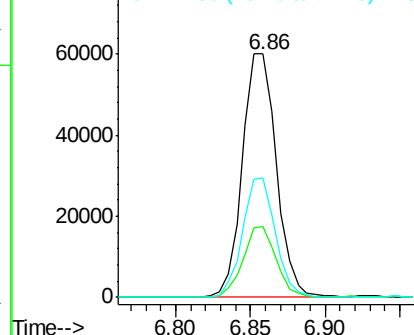
99 100

42 29.3 23.5 35.3

71 49.2 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# 1321

Delta R.T. -0.00 min

Lab File: BG017322.D

Acq: 28 May 2015 13:20

Tgt Ion: 136 Resp: 95428

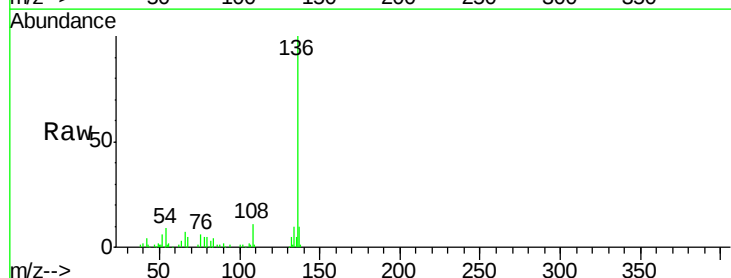
Ion Ratio Lower Upper

136 100

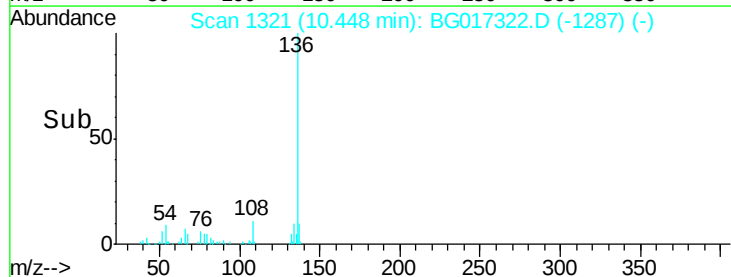
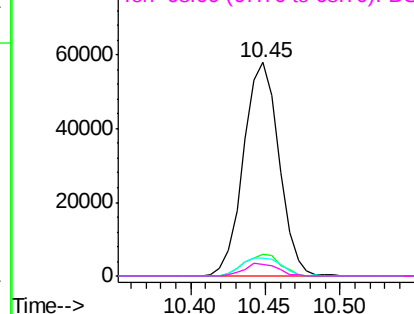
137 10.1 8.3 12.5

54 8.7 7.4 11.2

68 5.4 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

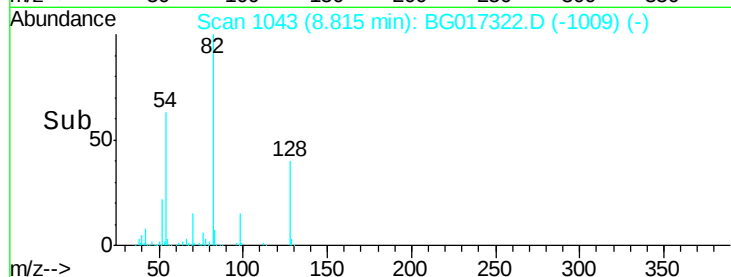
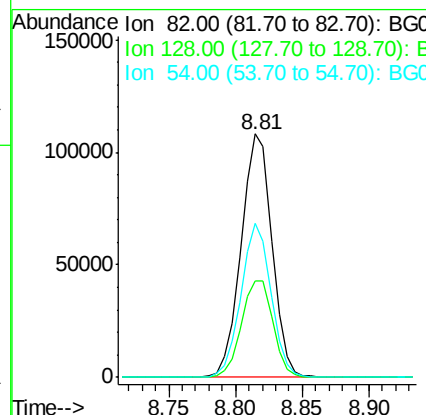
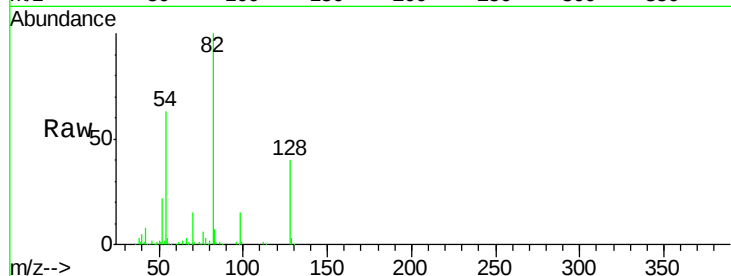




#23
 Nitrobenzene-d5
 Concen: 84.47 ng
 RT: 8.81 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG017322.D
 Acq: 28 May 2015 13:20

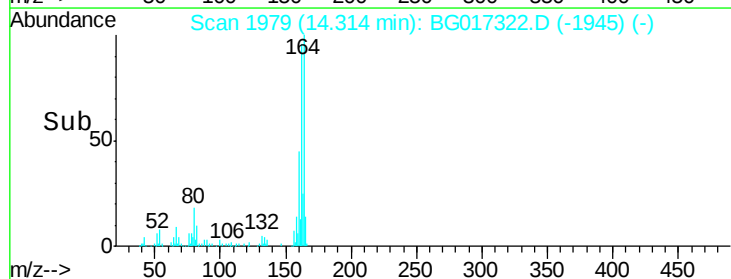
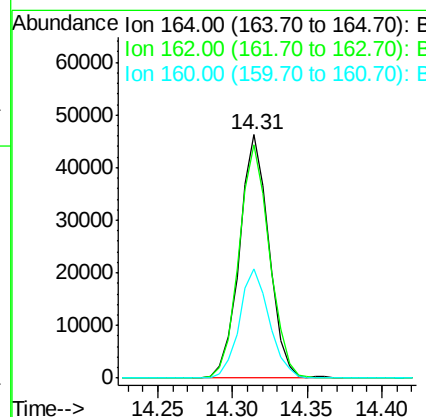
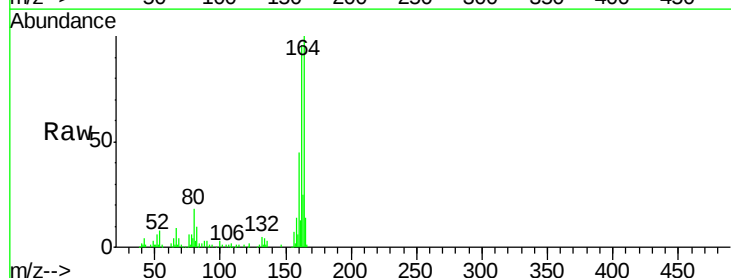
Instrument :
 BNA_G
 ClientSampleId :
 GW-HF-3

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.6	32.6	49.0
54	63.3	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.31 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG017322.D
 Acq: 28 May 2015 13:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.0	82.1	123.1
160	44.6	34.8	52.2

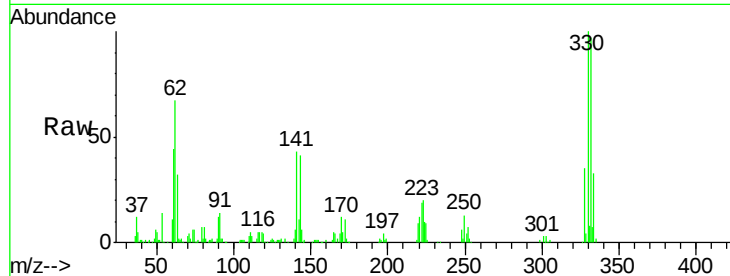




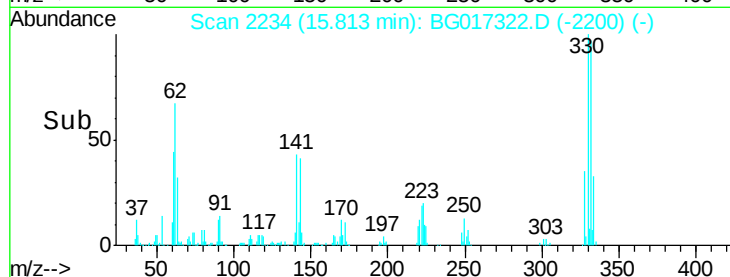
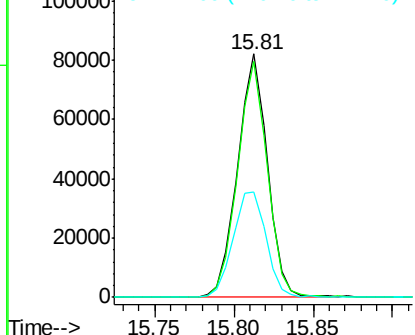
#41
 2,4,6-Tribromophenol
 Concen: 140.55 ng
 RT: 15.81 min Scan# 2234
 Delta R.T. -0.00 min
 Lab File: BG017322.D
 Acq: 28 May 2015 13:20

Instrument :
 BNA_G
 ClientSampleId :
 GW-HF-3

Tgt Ion:330 Resp: 107562
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.9 115.3
 141 48.1 42.2 63.2

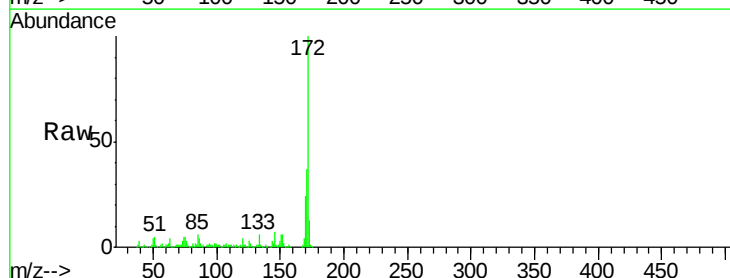


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

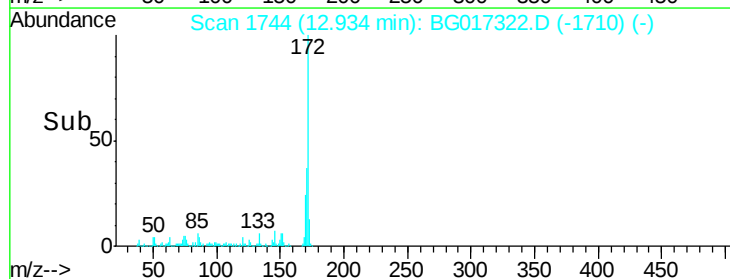
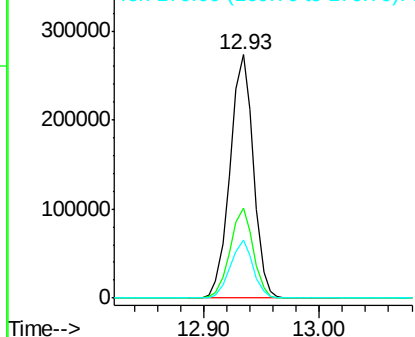


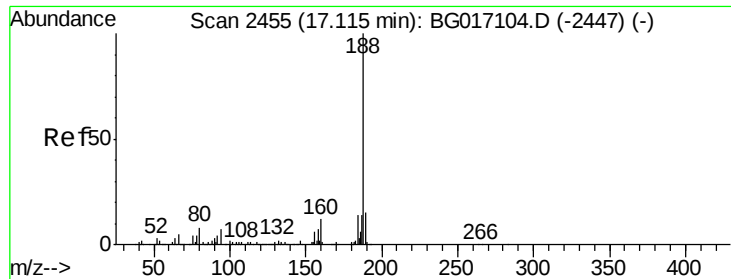
#44
 2-Fluorobiphenyl
 Concen: 88.54 ng
 RT: 12.93 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: BG017322.D
 Acq: 28 May 2015 13:20

Tgt Ion:172 Resp: 381971
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.7 44.5
 170 23.6 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

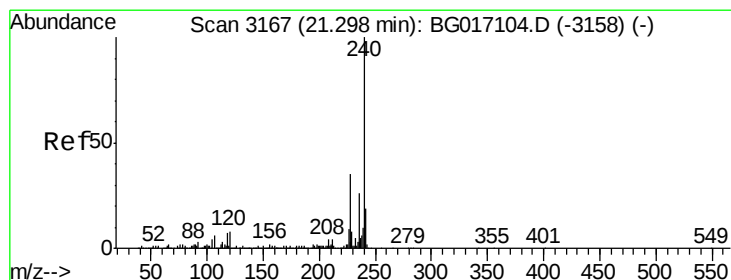
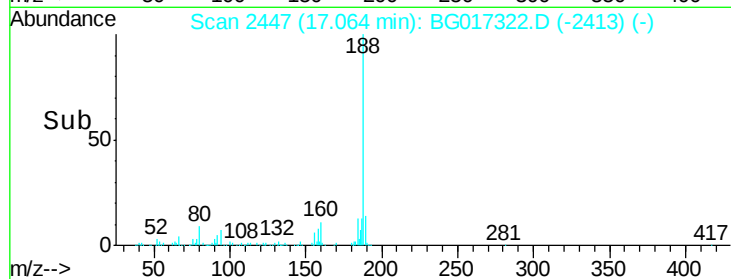
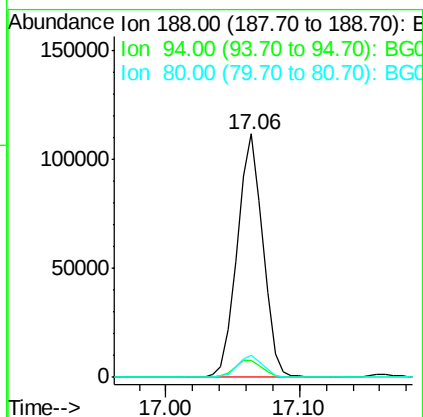
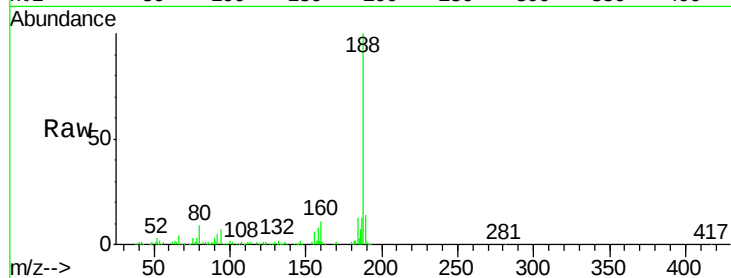




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.06 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG017322.D
Acq: 28 May 2015 13:20

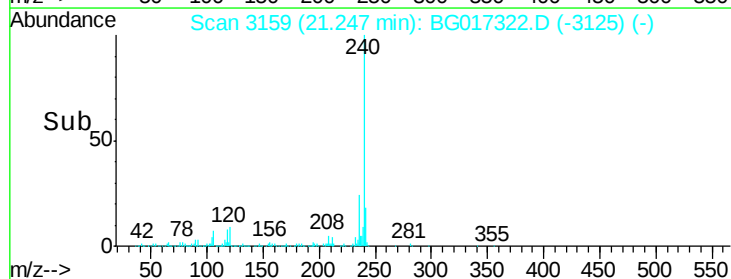
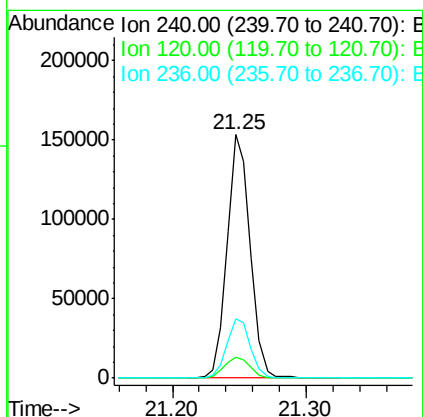
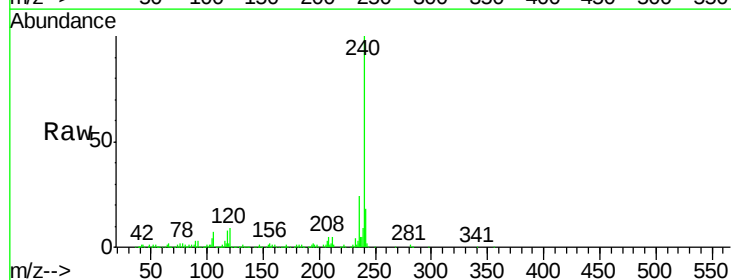
Instrument :
BNA_G
ClientSampleId :
GW-HF-3

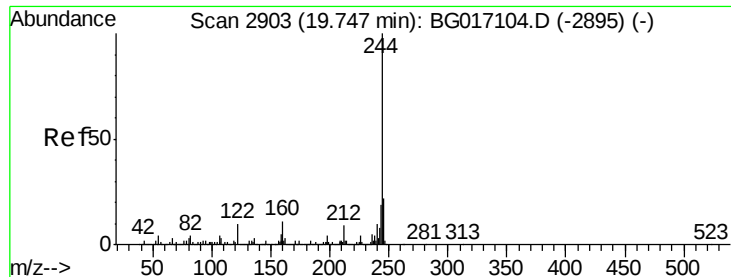
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.8	8.6
80	9.2	6.5	9.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.25 min Scan# 3159
Delta R.T. -0.00 min
Lab File: BG017322.D
Acq: 28 May 2015 13:20

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.8	6.0	9.0
236	24.2	20.5	30.7





#78

Terphenyl-d14

Concen: 86.98 ng

RT: 19.70 min Scan# 2896

Delta R.T. 0.00 min

Lab File: BG017322.D

Acq: 28 May 2015 13:20

Instrument :

BNA_G

ClientSampleId :

GW-HF-3

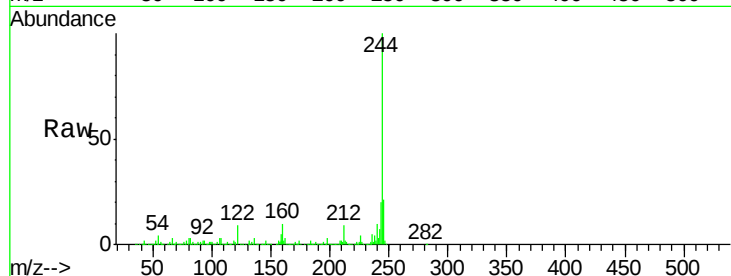
Tgt Ion:244 Resp: 777372

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.4

122 9.5 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

800000

600000

400000

200000

0

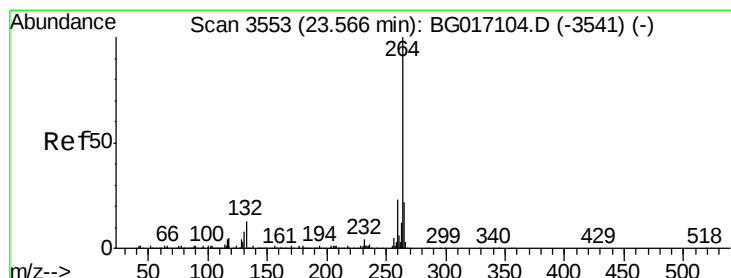
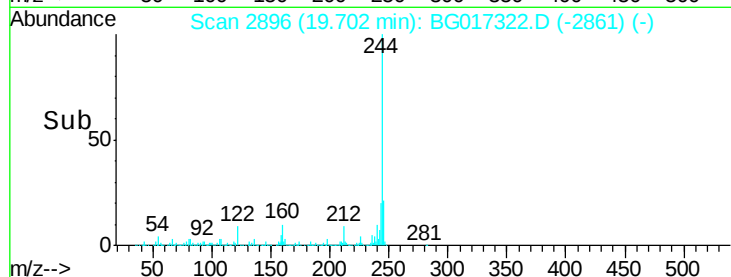
19.70

19.60

19.70

19.80

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.49 min Scan# 3541

Delta R.T. -0.00 min

Lab File: BG017322.D

Acq: 28 May 2015 13:20

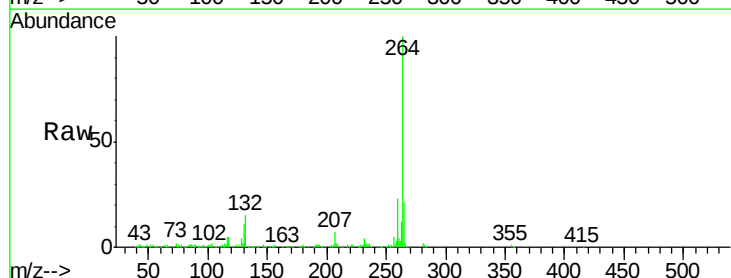
Tgt Ion:264 Resp: 179034

Ion Ratio Lower Upper

264 100

260 23.2 18.0 27.0

265 21.4 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

120000

100000

80000

60000

40000

20000

0

23.49

23.40

23.50

23.60

Time-->

