

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052015\
 Data File : BG017233.D
 Acq On : 21 May 2015 4:19
 Operator : TP/IZ
 Sample : G2310-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-1

Quant Time: May 21 05:43:46 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 16:12:13 2015
 Response via : Initial Calibration

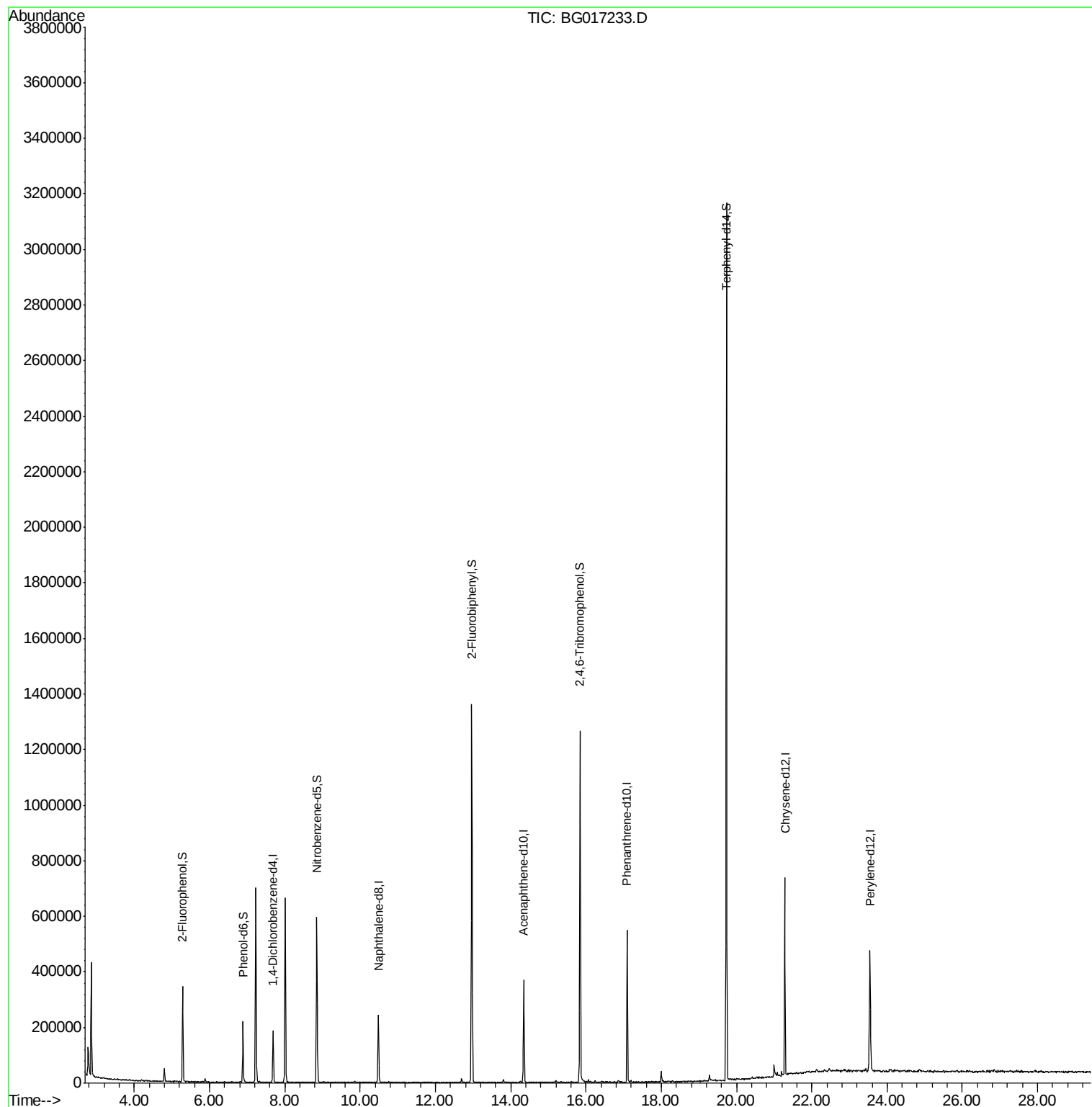
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	41365	20.00	ng	-0.02
21) Naphthalene-d8	10.49	136	175206	20.00	ng	-0.02
38) Acenaphthene-d10	14.35	164	113914	20.00	ng	-0.02
63) Phenanthrene-d10	17.10	188	276746	20.00	ng	-0.02
75) Chrysene-d12	21.29	240	310569	20.00	ng	-0.01
86) Perylene-d12	23.55	264	307078	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	114616	49.16	ng	-0.02
7) Phenol-d6	6.89	99	93320	28.52	ng	-0.02
23) Nitrobenzene-d5	8.85	82	300420	80.05	ng	-0.02
41) 2,4,6-Tribromophenol	15.85	330	173624	126.09	ng	-0.01
44) 2-Fluorobiphenyl	12.97	172	620237	79.89	ng	-0.02
78) Terphenyl-d14	19.74	244	1129508	75.79	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.89	77	225	Below Cal	Qvalue #	6

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

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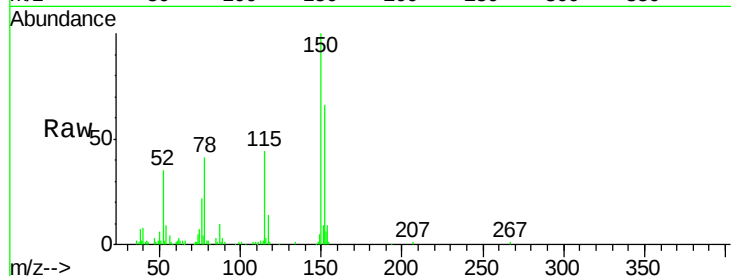


#1

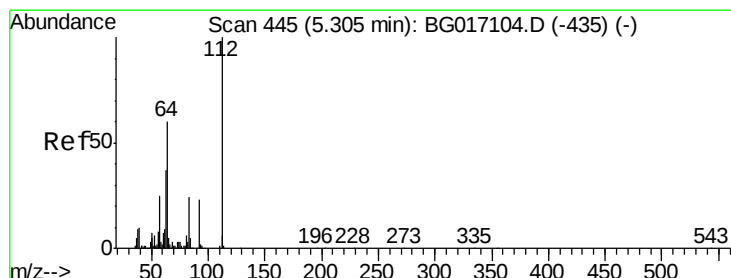
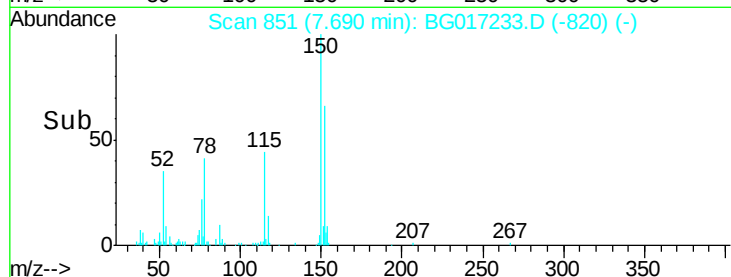
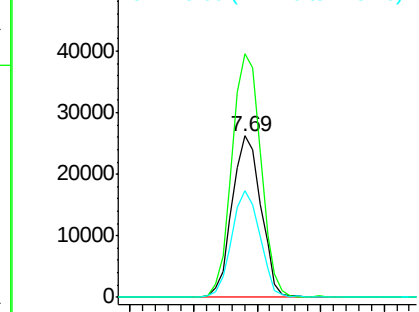
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 851
Delta R.T. -0.02 min
Lab File: BG017233.D
Acq: 21 May 2015 4:19

Instrument :
BNA_G
ClientSampleId :
GW-1

Tgt Ion	Ratio	Lower	Upper
152	100		
150	150.8	120.8	181.2
115	66.2	49.4	74.2



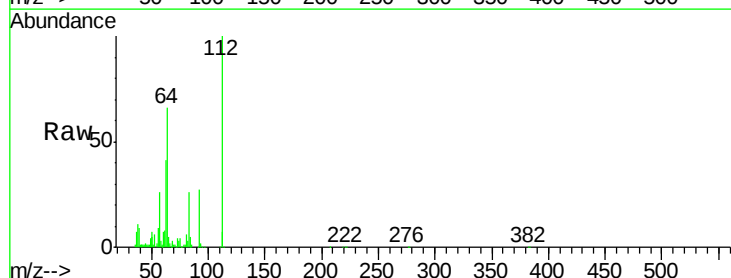
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



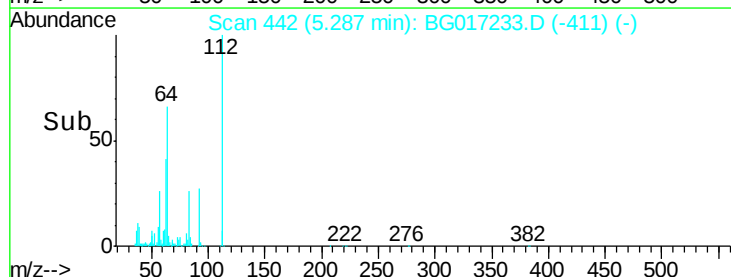
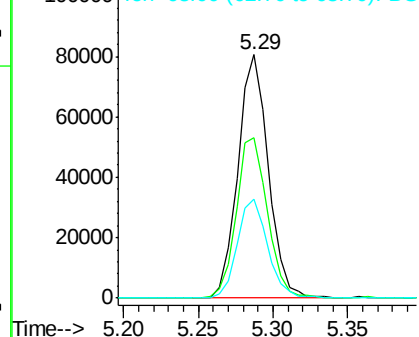
#5

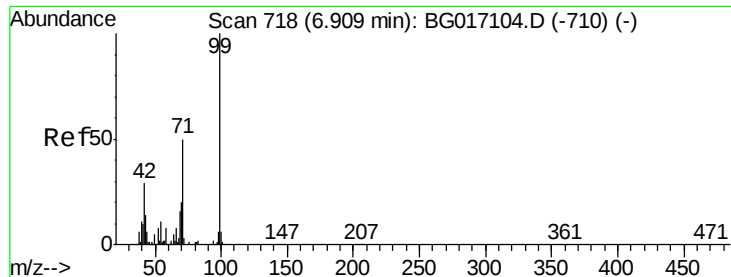
2-Fluorophenol
Concen: 49.16 ng
RT: 5.29 min Scan# 442
Delta R.T. -0.02 min
Lab File: BG017233.D
Acq: 21 May 2015 4:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.1	48.1	72.1
63	40.7	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: 28.52 ng

RT: 6.89 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG017233.D

Acq: 21 May 2015 4:19

Instrument :

BNA_G

ClientSampleId :

GW-1

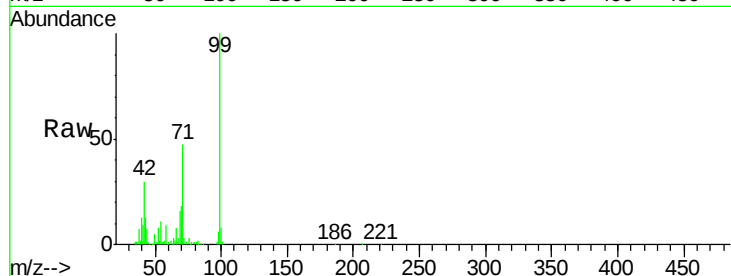
Tgt Ion: 99 Resp: 93320

Ion Ratio Lower Upper

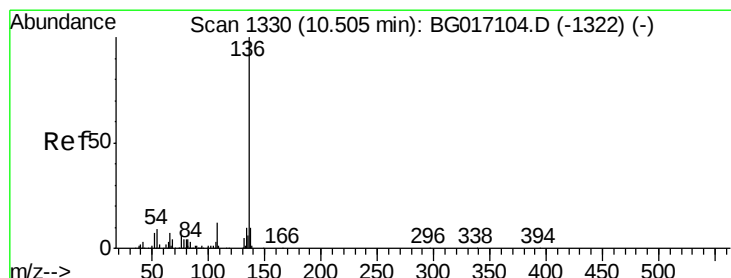
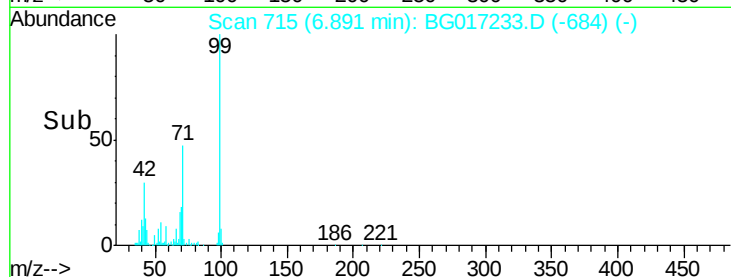
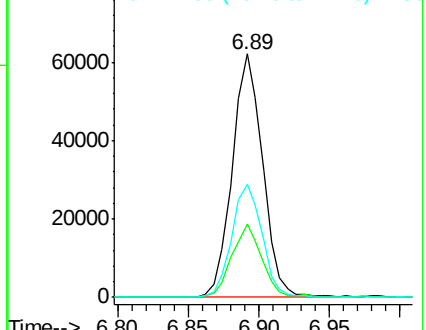
99 100

42 30.4 23.5 35.3

71 46.6 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: 10.49 min Scan# 1327

Delta R.T. -0.02 min

Lab File: BG017233.D

Acq: 21 May 2015 4:19

Tgt Ion: 136 Resp: 175206

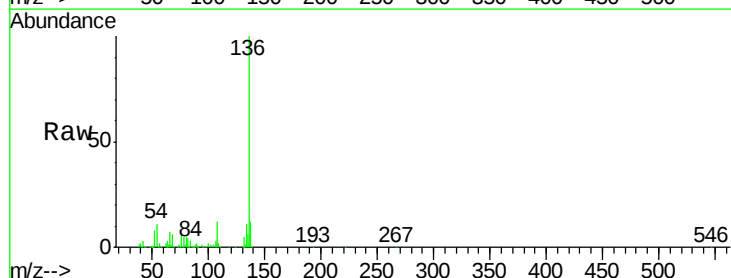
Ion Ratio Lower Upper

136 100

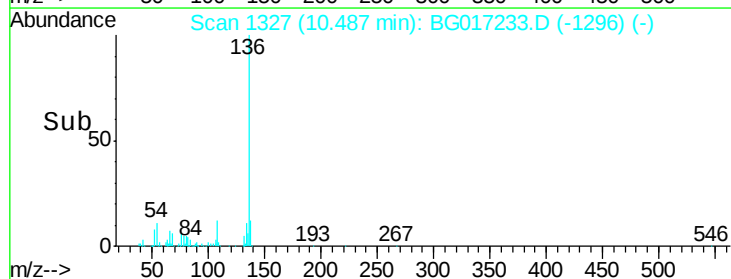
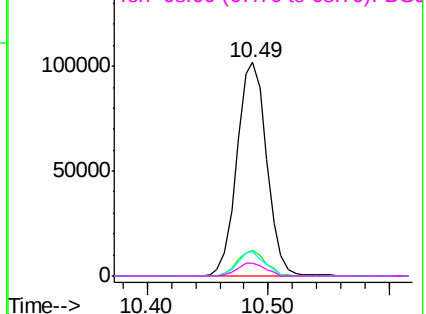
137 11.9 8.3 12.5

54 11.5 7.4 11.2#

68 5.7 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

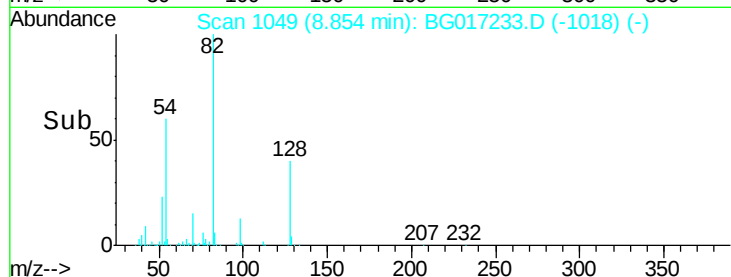
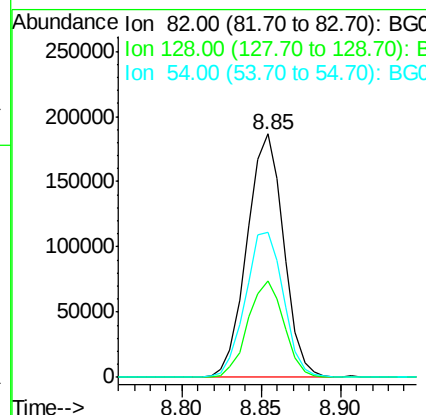
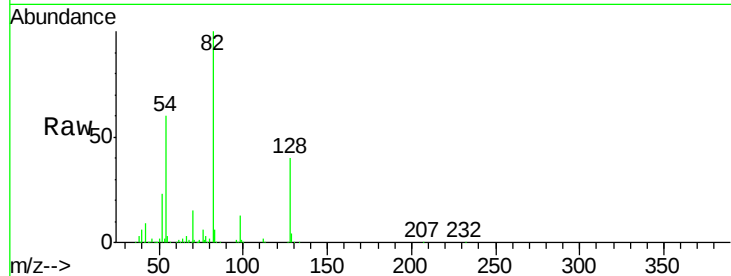




#23
 Nitrobenzene-d5
 Concen: 80.05 ng
 RT: 8.85 min Scan# 1049
 Delta R.T. -0.02 min
 Lab File: BG017233.D
 Acq: 21 May 2015 4:19

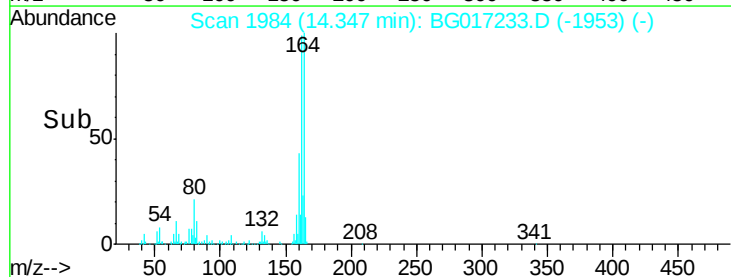
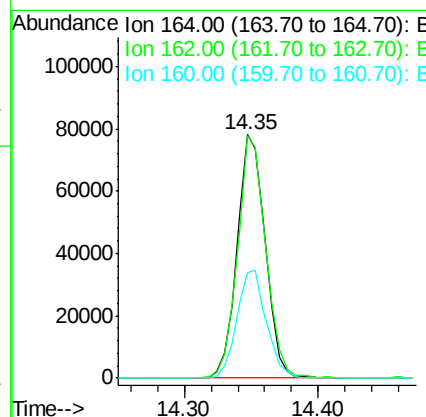
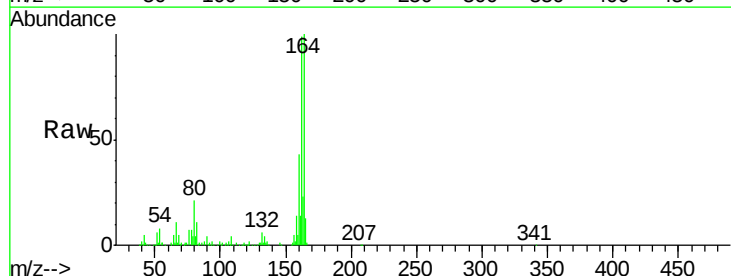
Instrument :
 BNA_G
 ClientSampleId :
 GW-1

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.6	32.6	49.0
54	59.7	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.35 min Scan# 1984
 Delta R.T. -0.02 min
 Lab File: BG017233.D
 Acq: 21 May 2015 4:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.3	82.1	123.1
160	43.5	34.8	52.2

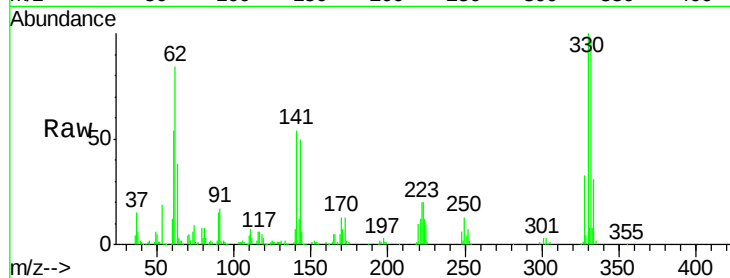




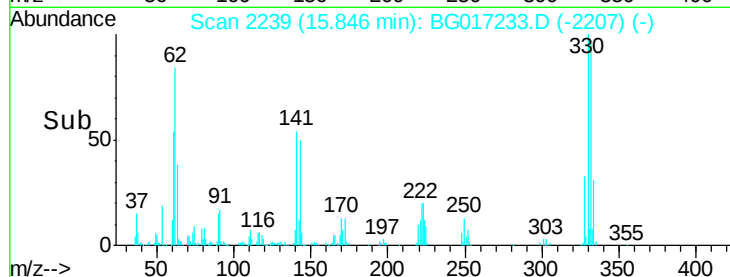
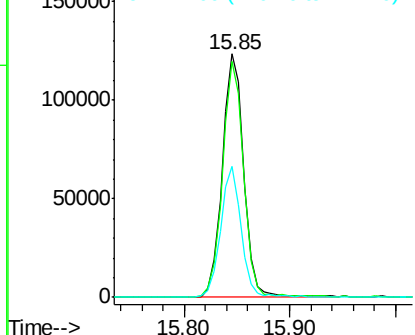
#41
2,4,6-Tribromophenol
Concen: 126.09 ng
RT: 15.85 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BG017233.D
Acq: 21 May 2015 4:19

Instrument :
BNA_G
ClientSampleId :
GW-1

Tgt Ion:330 Resp: 173624
Ion Ratio Lower Upper
330 100
332 95.4 76.9 115.3
141 52.4 42.2 63.2

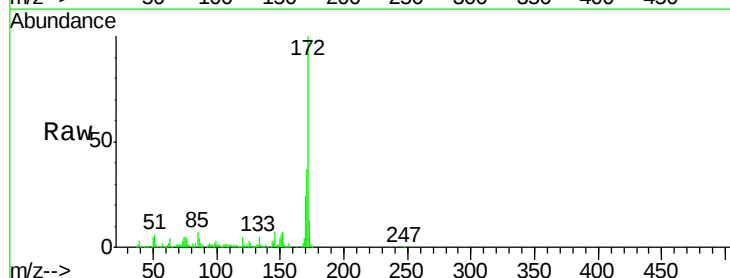


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

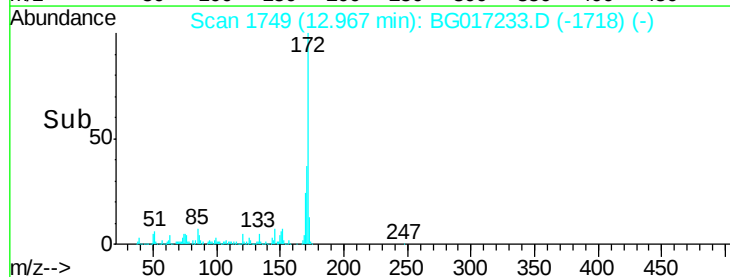
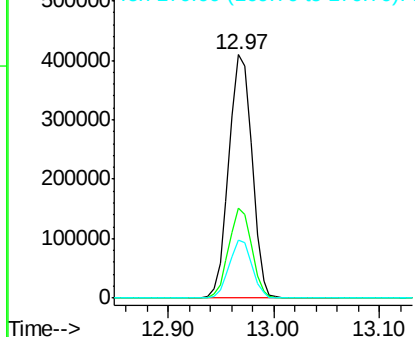


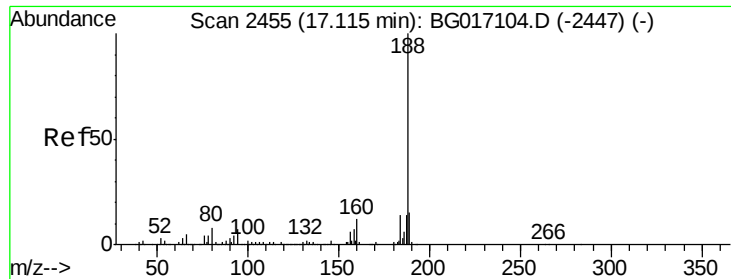
#44
2-Fluorobiphenyl
Concen: 79.89 ng
RT: 12.97 min Scan# 1749
Delta R.T. -0.02 min
Lab File: BG017233.D
Acq: 21 May 2015 4:19

Tgt Ion:172 Resp: 620237
Ion Ratio Lower Upper
172 100
171 37.0 29.7 44.5
170 23.8 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

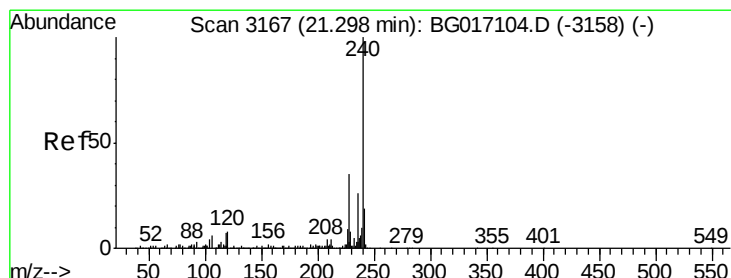
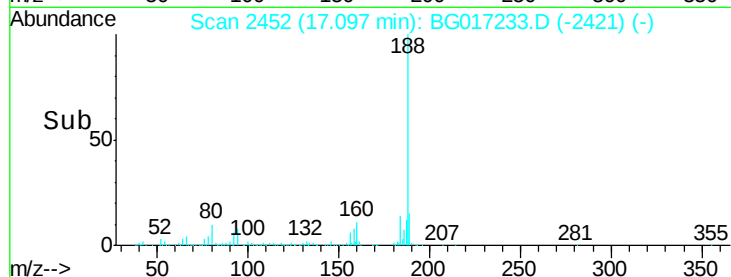
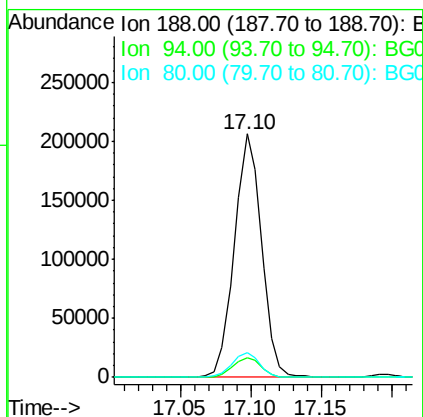
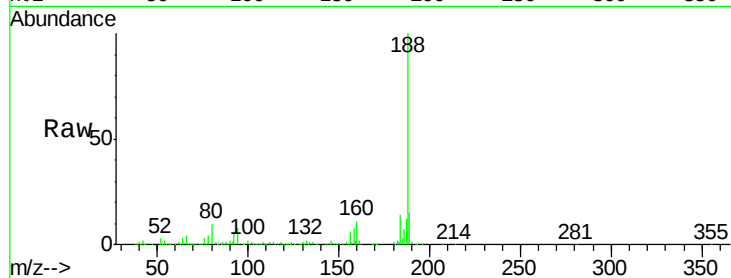




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.10 min Scan# 2452
Delta R.T. -0.02 min
Lab File: BG017233.D
Acq: 21 May 2015 4:19

Instrument :
BNA_G
ClientSampleId :
GW-1

Tgt Ion:188 Resp: 276746
Ion Ratio Lower Upper
188 100
94 8.0 5.8 8.6
80 10.3 6.5 9.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.29 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG017233.D
Acq: 21 May 2015 4:19

Tgt Ion:240 Resp: 310569
Ion Ratio Lower Upper
240 100
120 9.2 6.0 9.0#
236 25.3 20.5 30.7

