

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 05:46:06 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

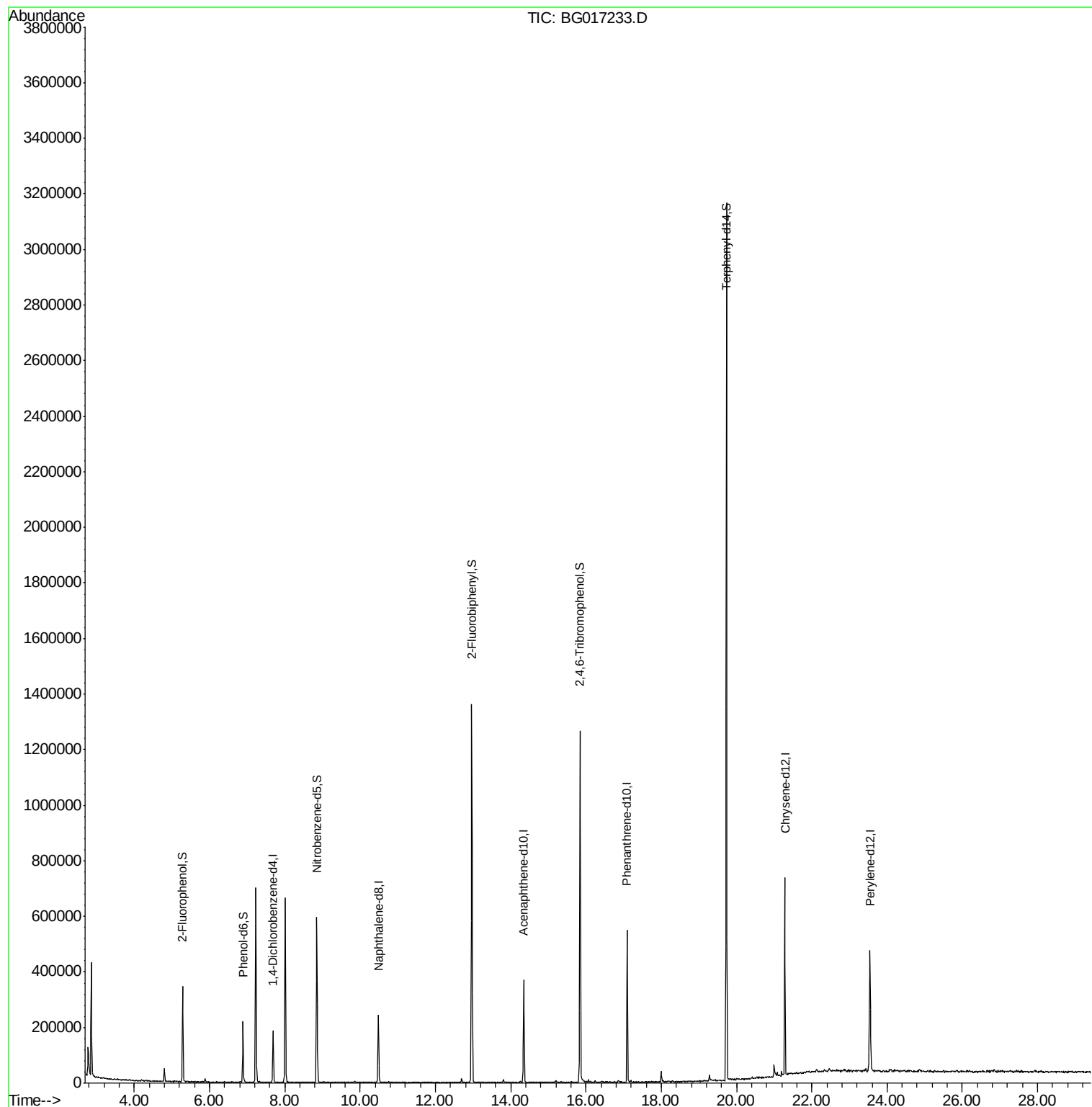
Target Compounds	Qvalue
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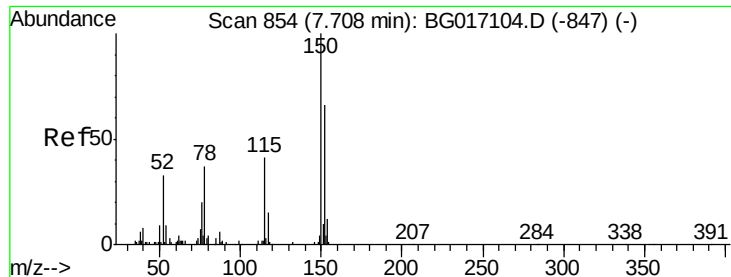
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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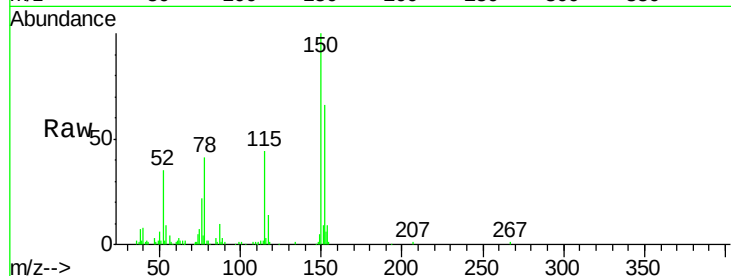


#1

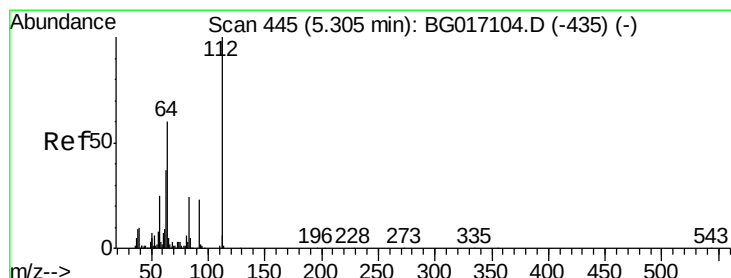
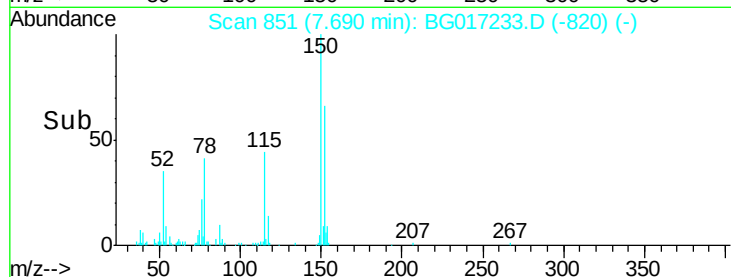
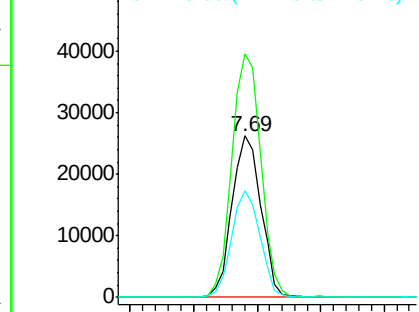
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 851
Delta R.T. -0.02 min
Lab File: BG017233.D
Acq: 21 May 2015 4:19

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



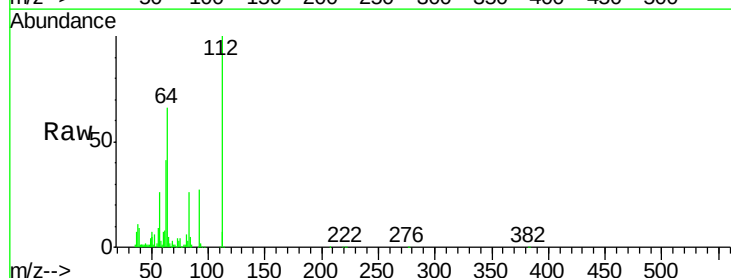
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



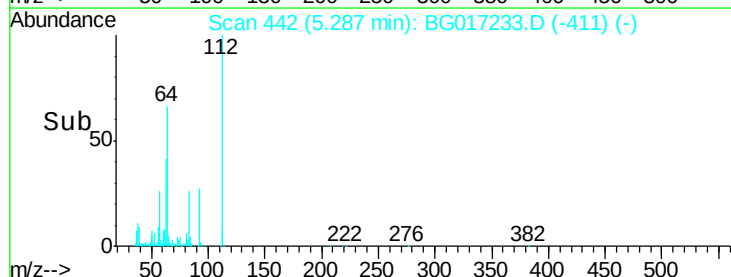
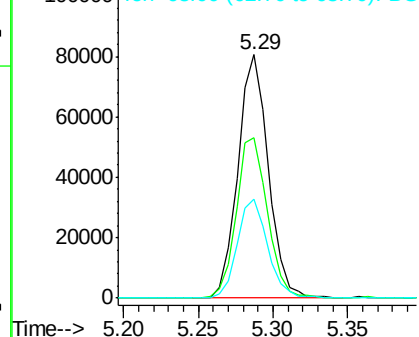
#5

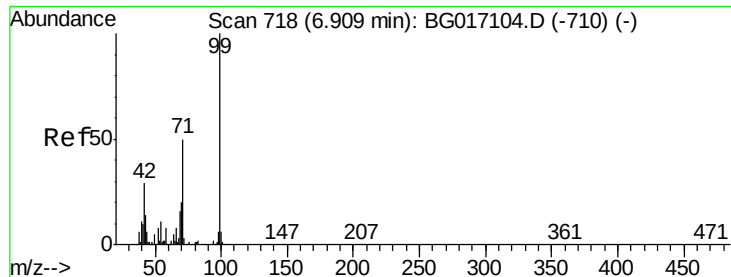
2-Fluorophenol
Concen: 49.16 ng
RT: 5.29 min Scan# 442
Delta R.T. -0.02 min
Lab File: BG017233.D
Acq: 21 May 2015 4:19

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

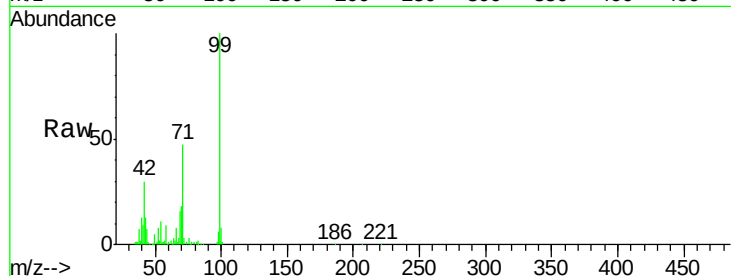
Tgt Ion: 99 Resp: 93320

Ion Ratio Lower Upper

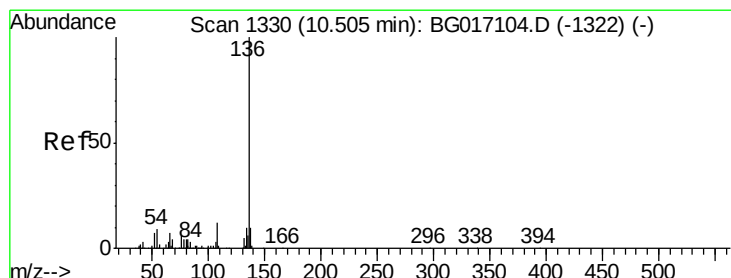
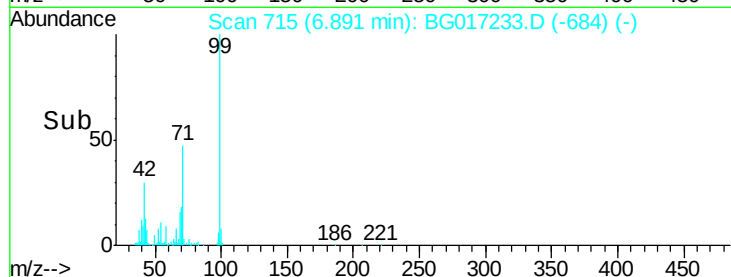
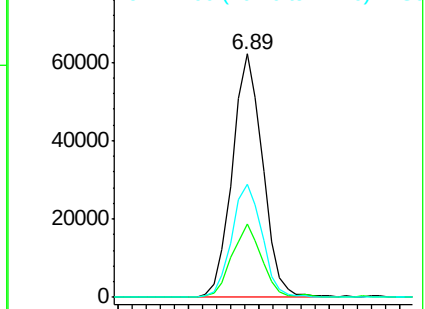
99 100

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

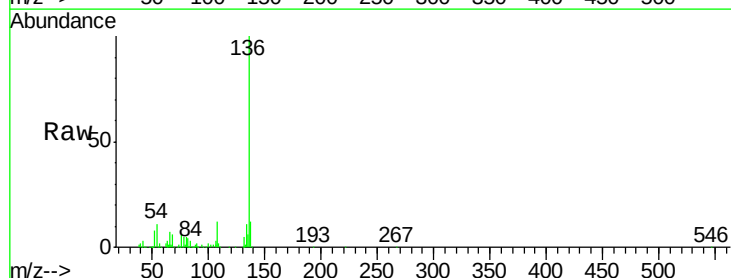
Ion Ratio Lower Upper

136 100

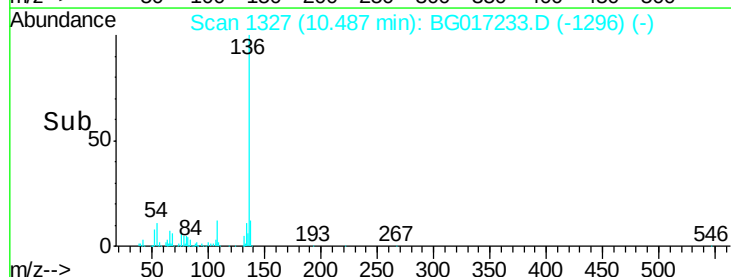
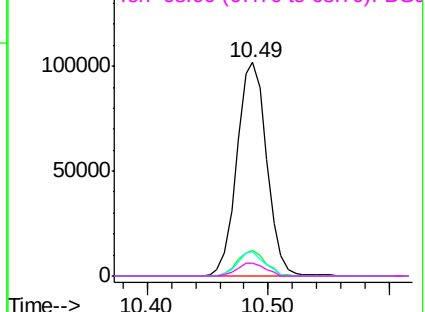
137 11.9 8.3 12.5

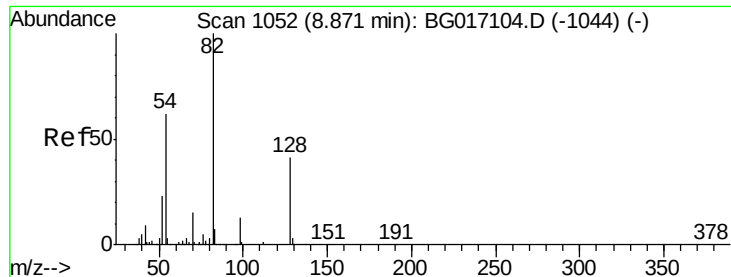
54 11.5 7.4 11.2#

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

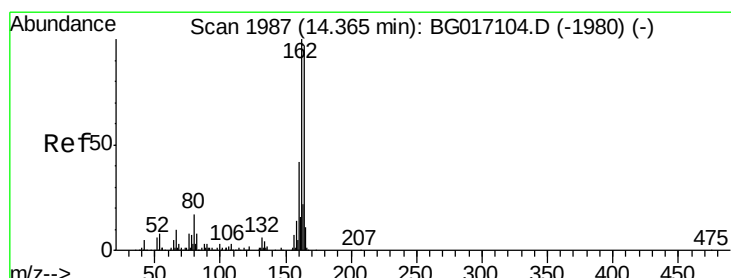
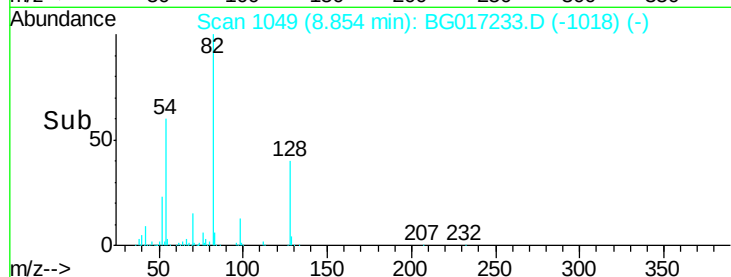
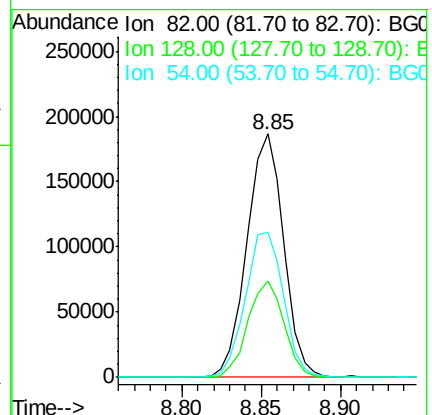
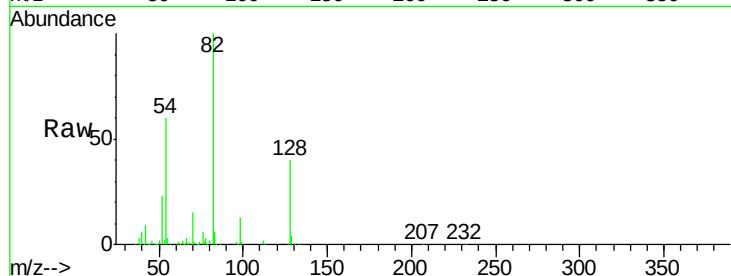
Tgt Ion: 82 Resp: 300420

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

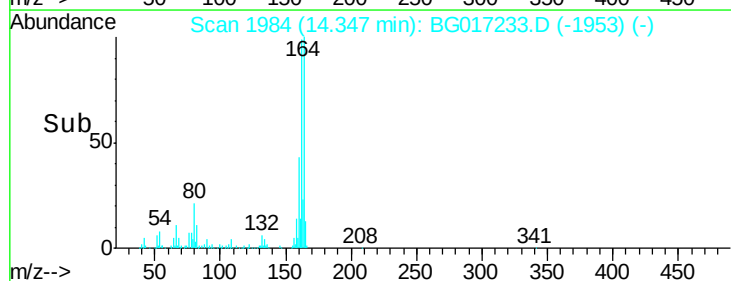
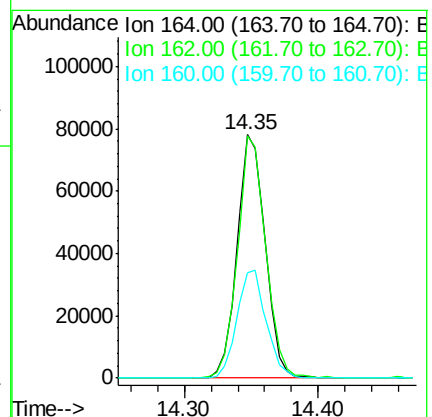
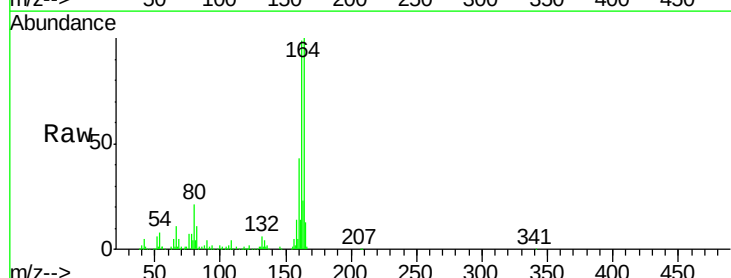
Tgt Ion: 164 Resp: 113914

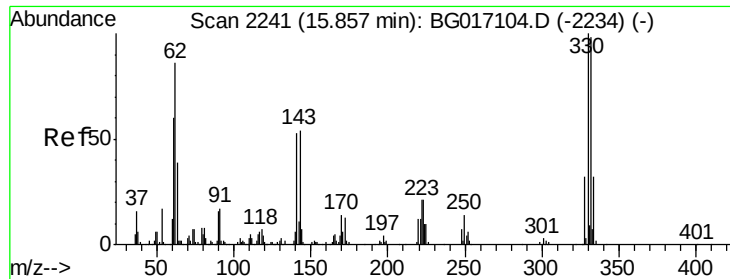
Ion Ratio Lower Upper

164 100

162 99.3 82.1 123.1

160 43.5 34.8 52.2

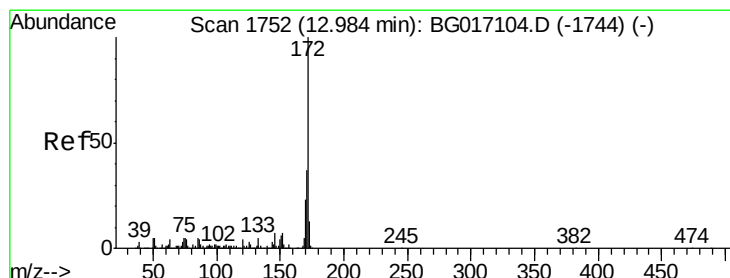
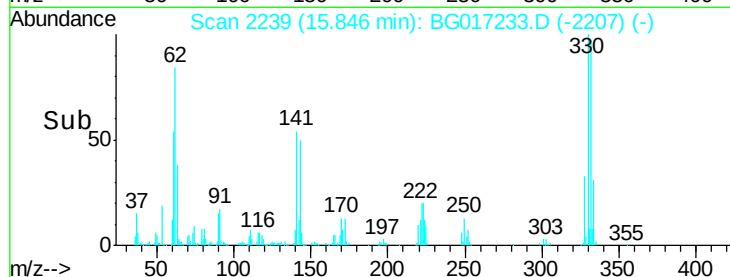
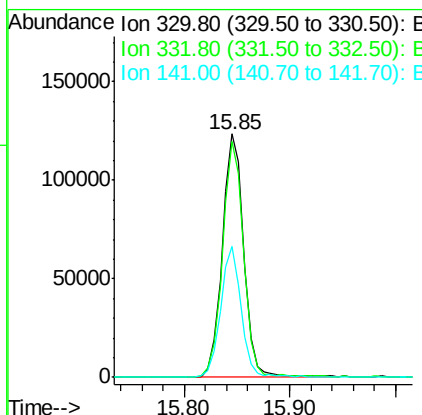
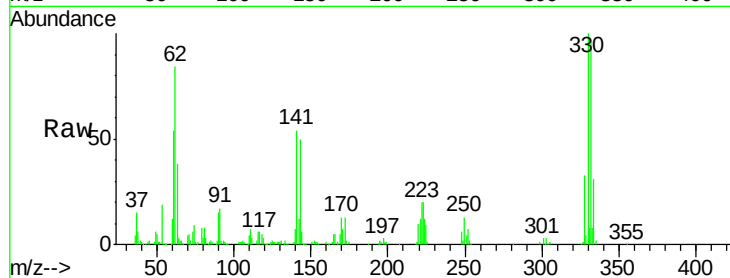




#41
 2,4,6-Tribromophenol
 Concen: 126.09 ng
 RT: 15.85 min Scan# 2239
 Delta R.T. -0.01 min
 Lab File: BG017233.D
 Acq: 21 May 2015 4:19

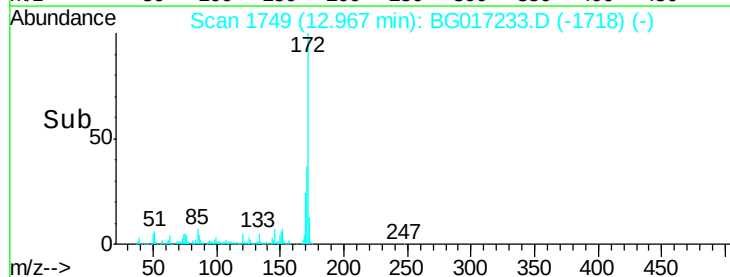
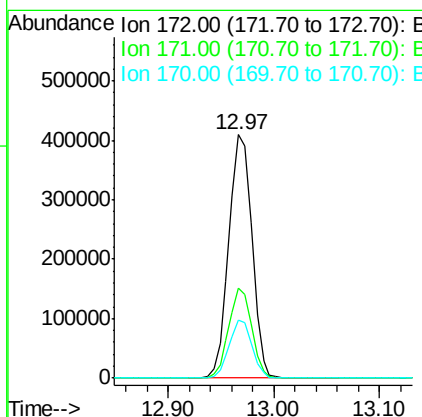
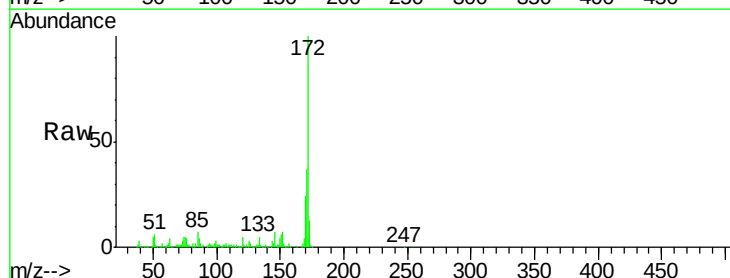
Instrument :
 BNA_G
 ClientSampleId :
 GW-1

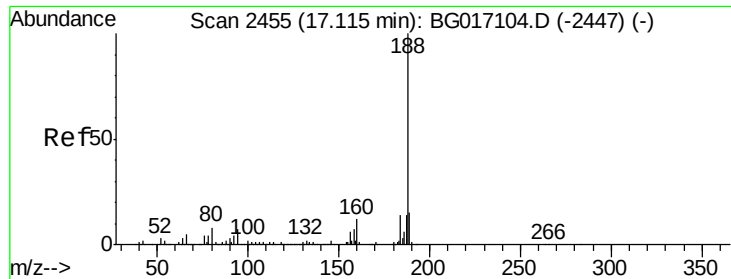
Tgt Ion:330 Resp: 173624
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.9 115.3
 141 52.4 42.2 63.2



#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

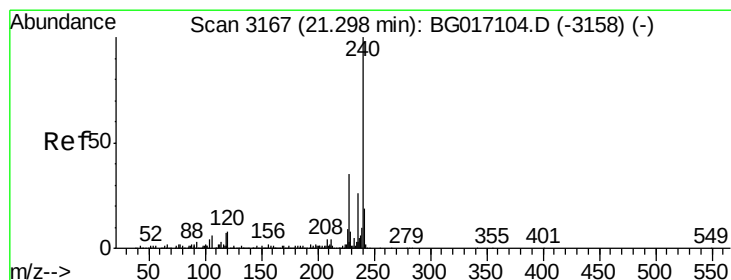
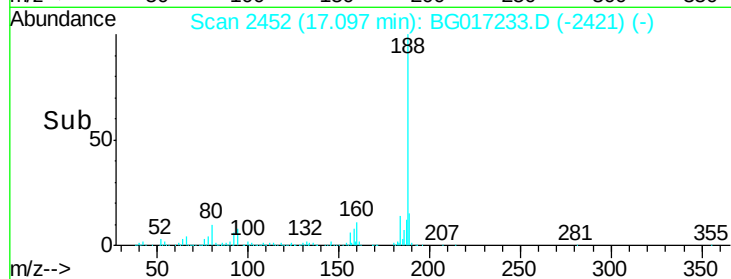
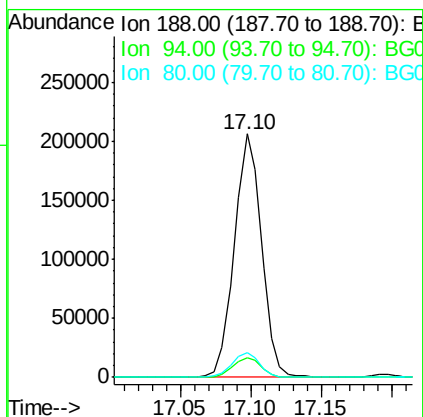
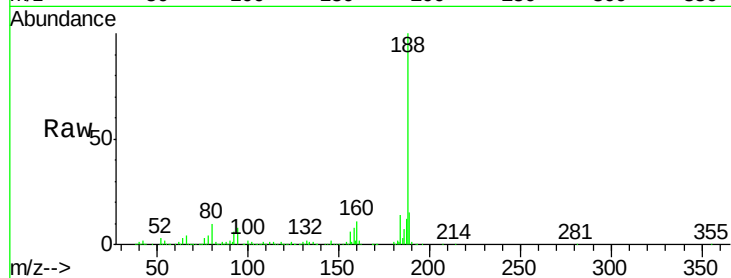




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.10 min Scan# 2452
Delta R.T. -0.02 min
Lab File: BG017233.D
Acq: 21 May 2015 4:19

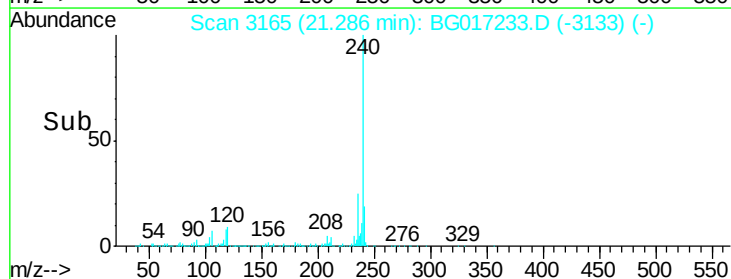
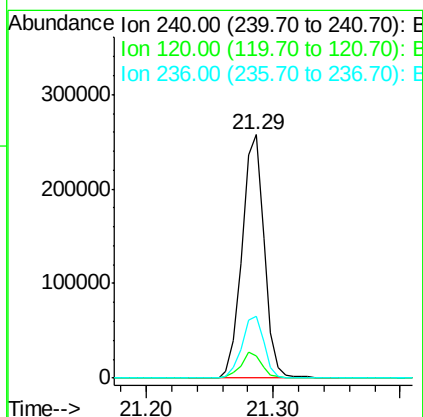
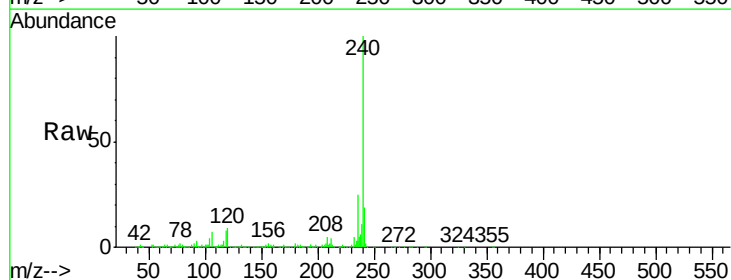
Instrument :
BNA_G
ClientSampleId :
GW-1

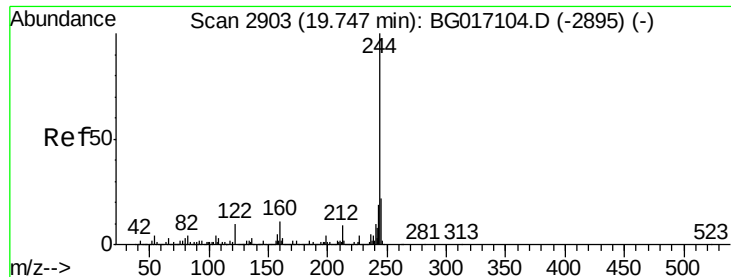
Tgt Ion:188 Resp: 276746
Ion Ratio Lower Upper
188 100
94 8.0 5.8 8.6
80 10.3 6.5 9.7#



#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





#78

Terphenyl-d14

Concen: 75.79 ng

RT: 19.74 min Scan# 2901

Delta R.T. -0.01 min

Lab File: BG017233.D

Acq: 21 May 2015 4:19

Instrument :

BNA_G

ClientSampleId :

GW-1

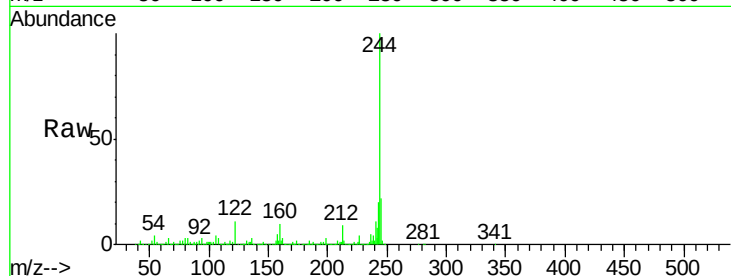
Tgt Ion:244 Resp: 1129508

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.4

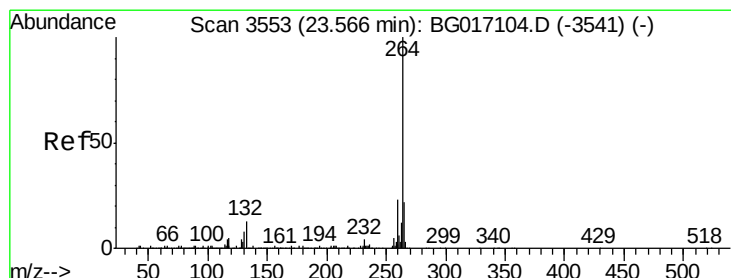
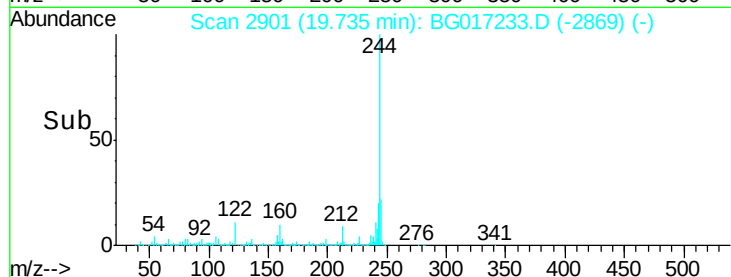
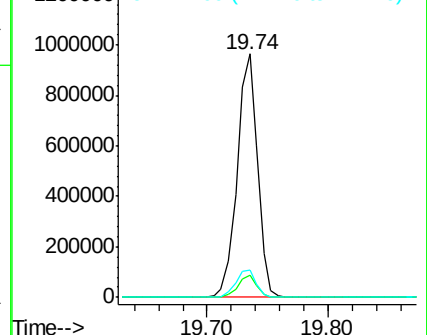
122 11.1 8.4 12.6



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: 23.55 min Scan# 3550

Delta R.T. -0.02 min

Lab File: BG017233.D

Acq: 21 May 2015 4:19

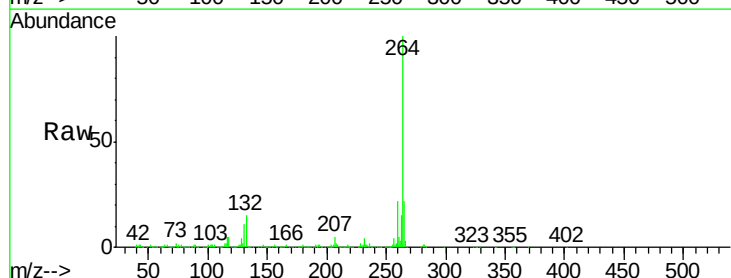
Tgt Ion:264 Resp: 307078

Ion Ratio Lower Upper

264 100

260 21.5 18.0 27.0

265 22.4 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

