

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052015\
 Data File : BG017239.D
 Acq On : 21 May 2015 7:47
 Operator : TP/IZ
 Sample : G2301-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW1

Quant Time: May 21 08:34:46 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	39439	20.00	ng	-0.02
21) Naphthalene-d8	10.49	136	170290	20.00	ng	-0.02
38) Acenaphthene-d10	14.35	164	112796	20.00	ng	-0.02
63) Phenanthrene-d10	17.10	188	278614	20.00	ng	-0.02
75) Chrysene-d12	21.29	240	304452	20.00	ng	-0.01
86) Perylene-d12	23.55	264	300692	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	132539	59.62	ng	-0.02
7) Phenol-d6	6.89	99	111300	35.68	ng	-0.02
23) Nitrobenzene-d5	8.85	82	296547	81.30	ng	-0.02
41) 2,4,6-Tribromophenol	15.85	330	197323	144.72	ng	-0.01
44) 2-Fluorobiphenyl	12.97	172	613355	79.79	ng	-0.02
78) Terphenyl-d14	19.74	244	1075414	73.61	ng	-0.01

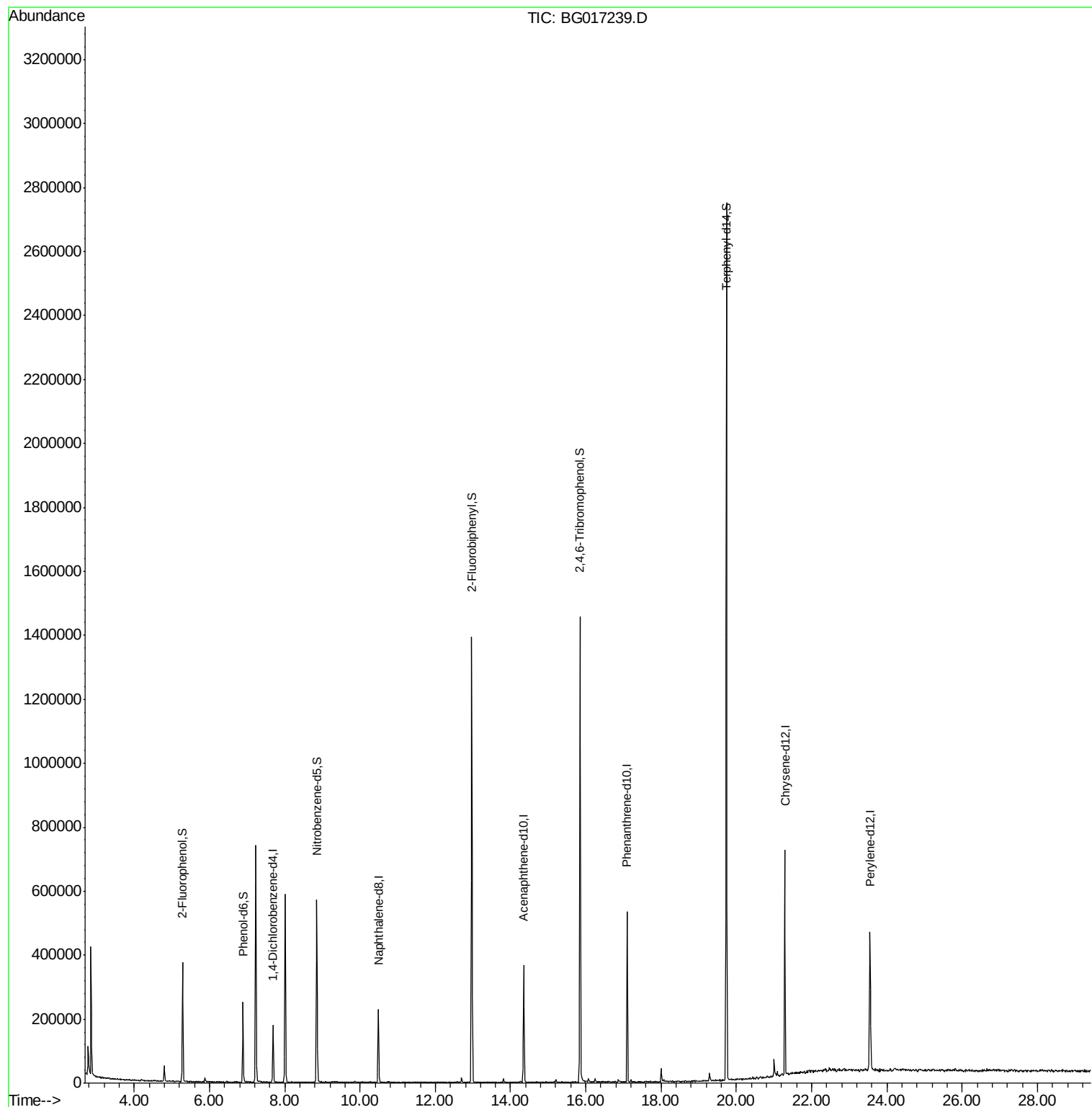
Target Compounds	Qvalue
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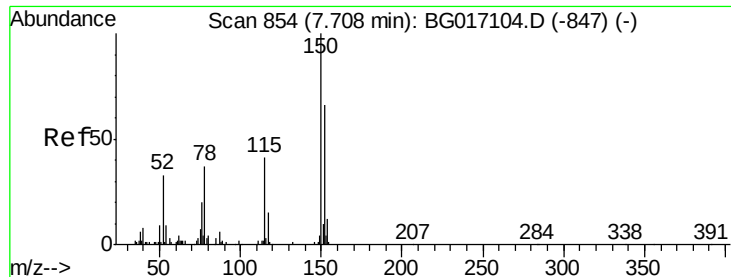
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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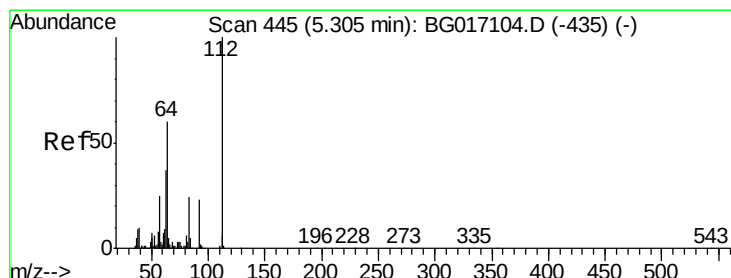
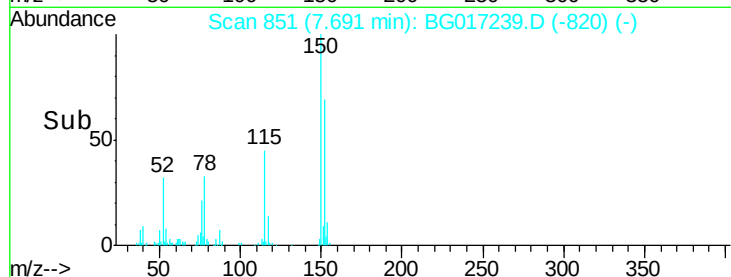
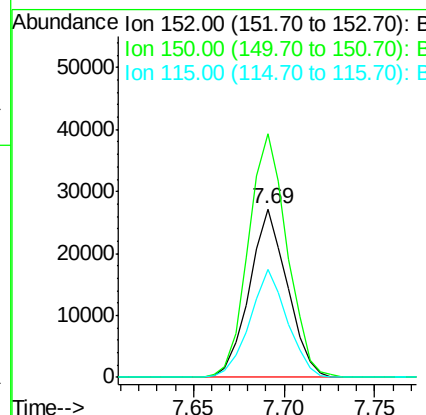
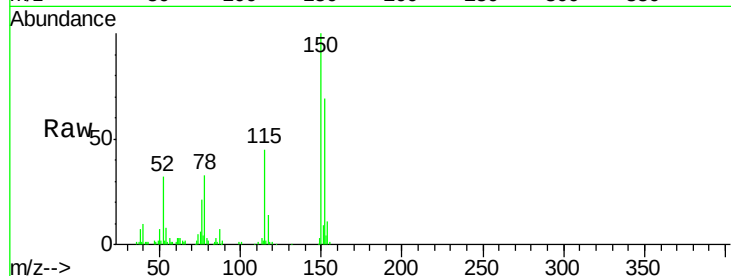


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 851
Delta R.T. -0.02 min
Lab File: BG017239.D
Acq: 21 May 2015 7:47

Instrument :
BNA_G
ClientSampled :
MW1

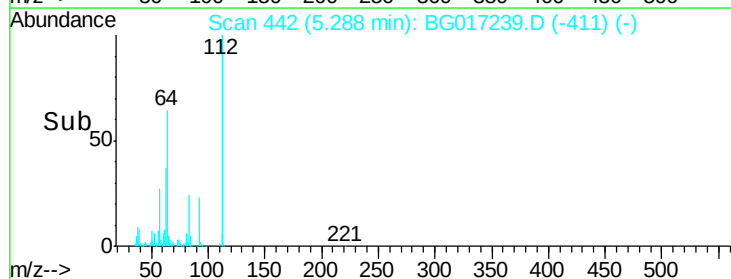
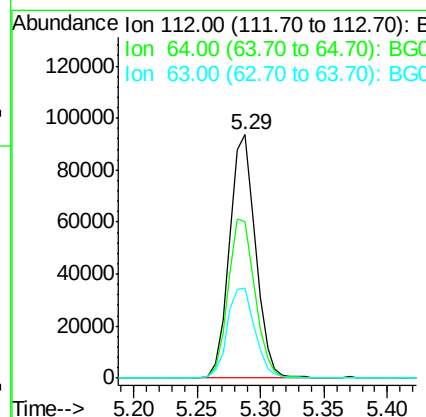
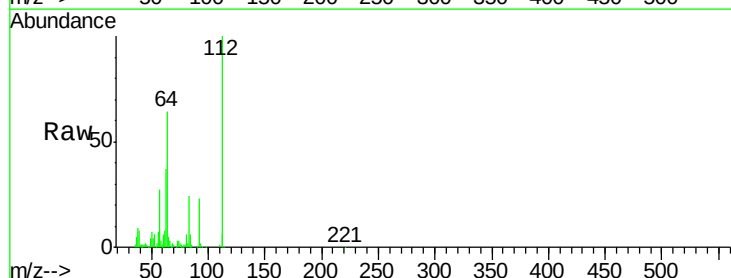
Tgt Ion	Ratio	Lower	Upper
152	100		
150	144.6	120.8	181.2
115	64.4	49.4	74.2

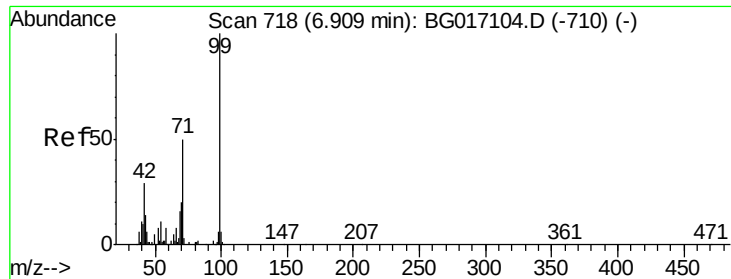


#5

2-Fluorophenol
Concen: 59.62 ng
RT: 5.29 min Scan# 442
Delta R.T. -0.02 min
Lab File: BG017239.D
Acq: 21 May 2015 7:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.4	48.1	72.1
63	36.8	29.8	44.8





#7

Phenol-d6

Concen: 35.68 ng

RT: 6.89 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG017239.D

Acq: 21 May 2015 7:47

Instrument :

BNA_G

ClientSampleId :

MW1

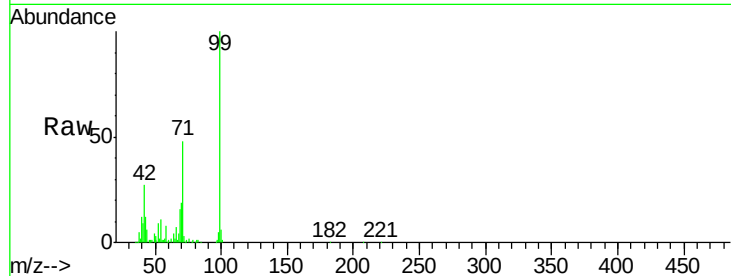
Tgt Ion: 99 Resp: 111300

Ion Ratio Lower Upper

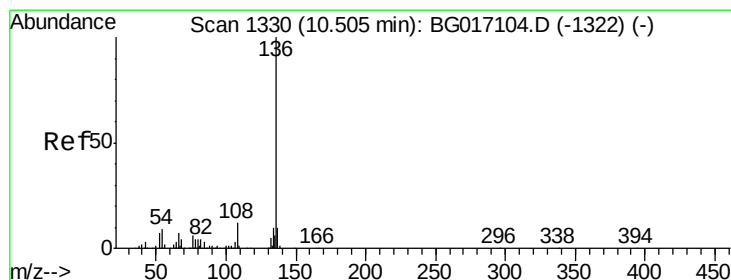
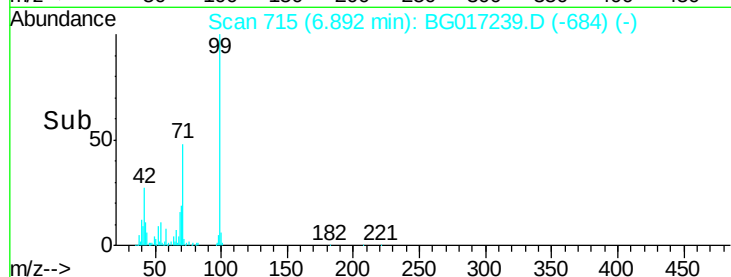
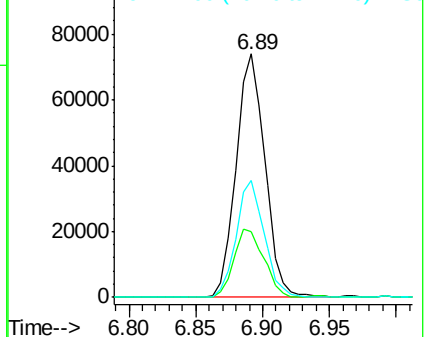
99 100

42 26.8 23.5 35.3

71 48.0 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: BG017239.D

Acq: 21 May 2015 7:47

Tgt Ion: 136 Resp: 170290

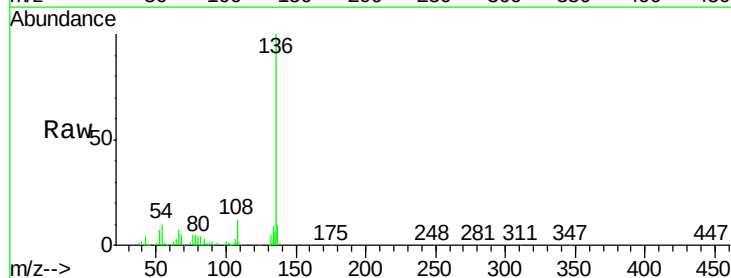
Ion Ratio Lower Upper

136 100

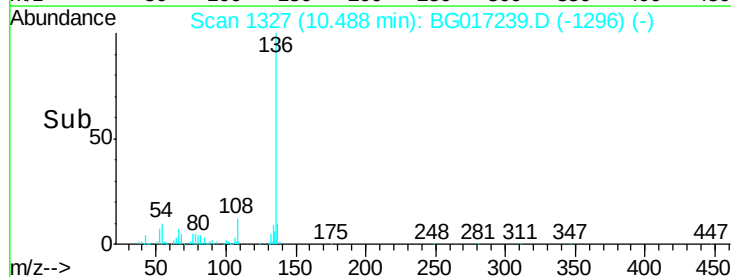
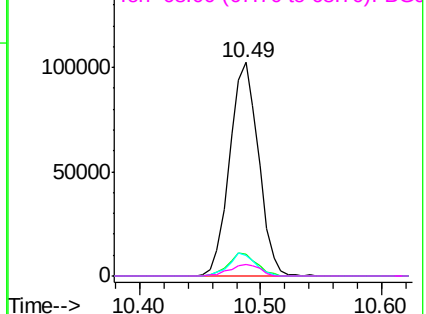
137 10.0 8.3 12.5

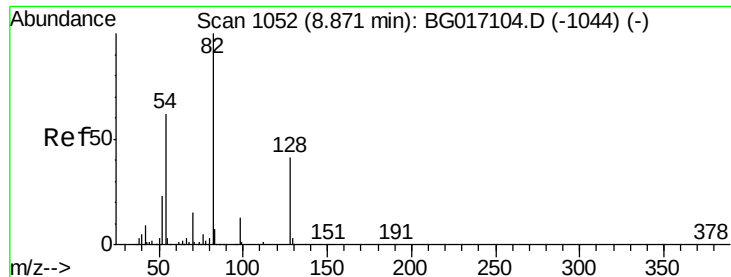
54 9.6 7.4 11.2

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

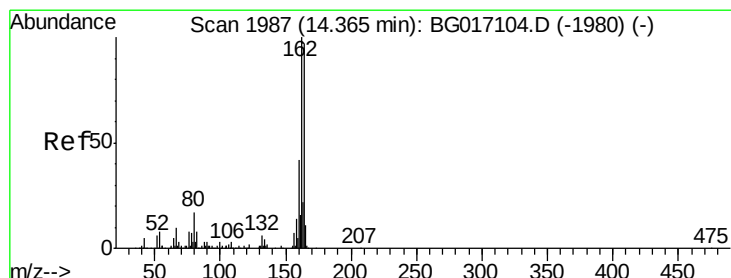
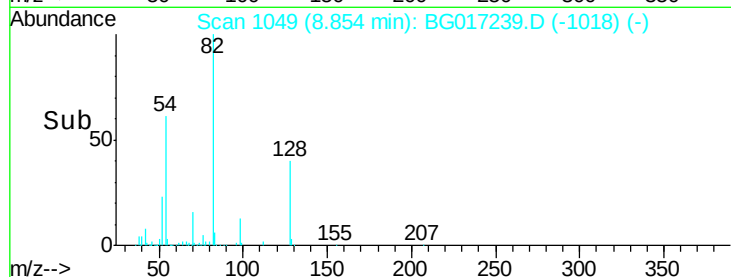
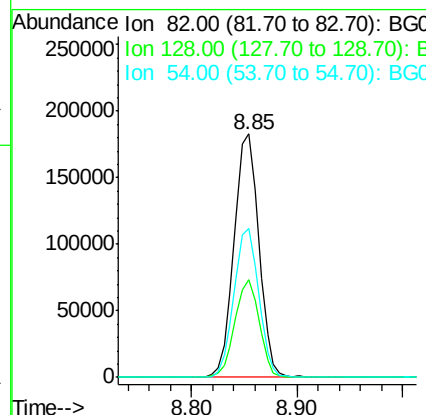
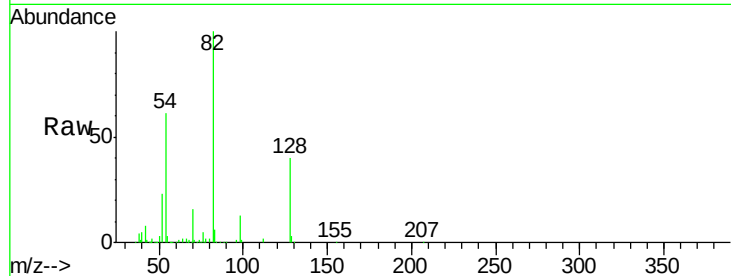




#23
 Nitrobenzene-d5
 Concen: 81.30 ng
 RT: 8.85 min Scan# 1049
 Delta R.T. -0.02 min
 Lab File: BG017239.D
 Acq: 21 May 2015 7:47

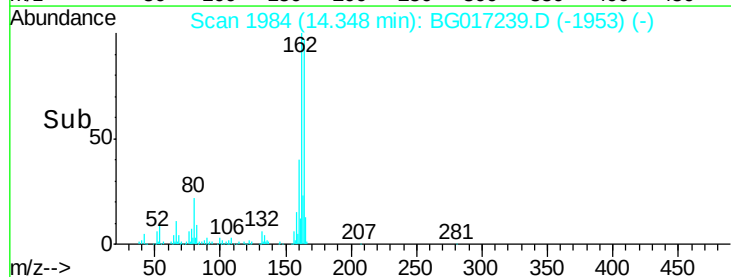
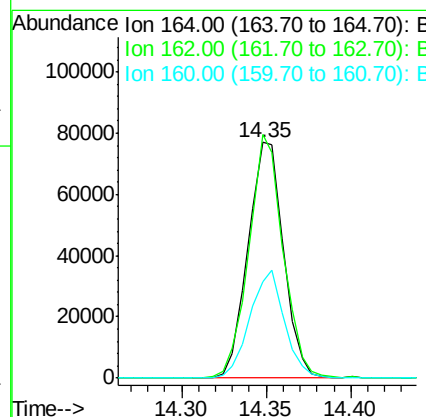
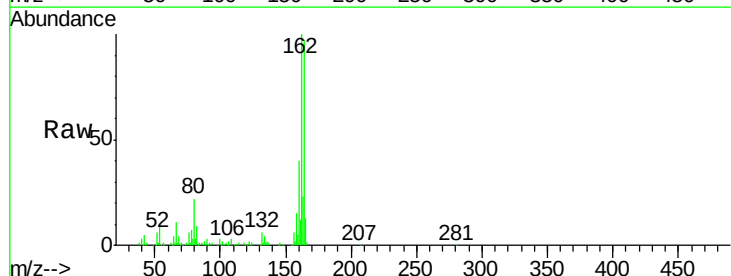
Instrument :
 BNA_G
 ClientSampleId :
 MW1

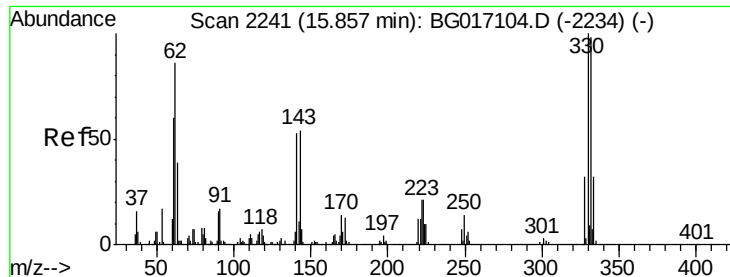
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.1	32.6	49.0
54	60.9	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.35 min Scan# 1984
 Delta R.T. -0.02 min
 Lab File: BG017239.D
 Acq: 21 May 2015 7:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.1	123.1
160	40.9	34.8	52.2

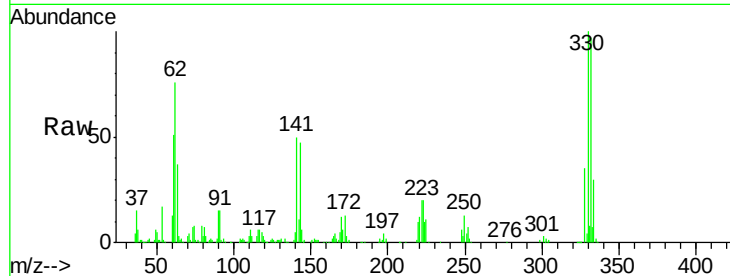




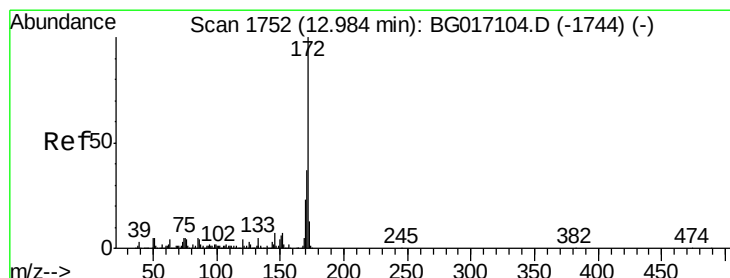
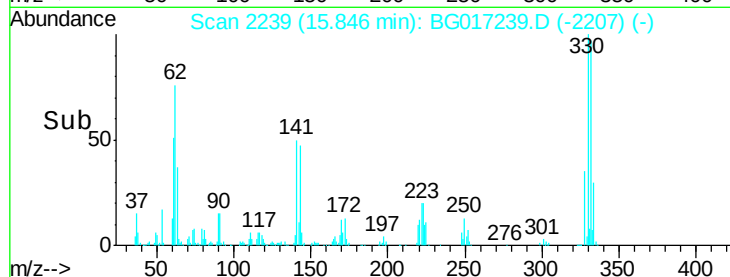
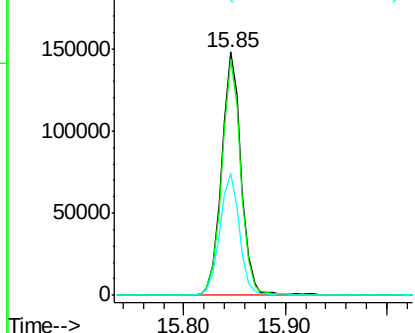
#41
 2,4,6-Tribromophenol
 Concen: 144.72 ng
 RT: 15.85 min Scan# 2239
 Delta R.T. -0.01 min
 Lab File: BG017239.D
 Acq: 21 May 2015 7:47

Instrument :
 BNA_G
 ClientSampleId :
 MW1

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.9	115.3
141	50.6	42.2	63.2

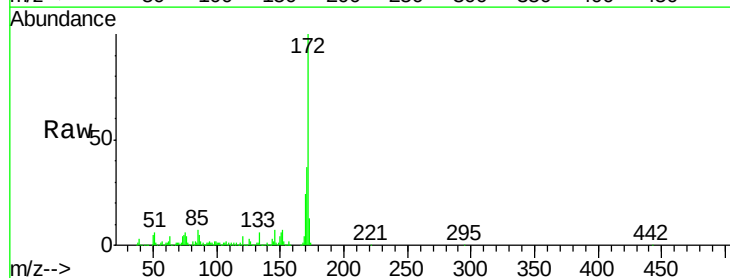


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

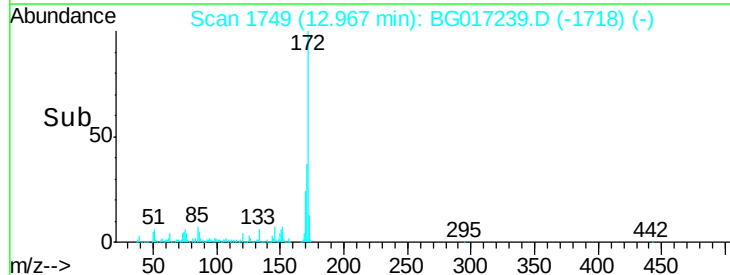
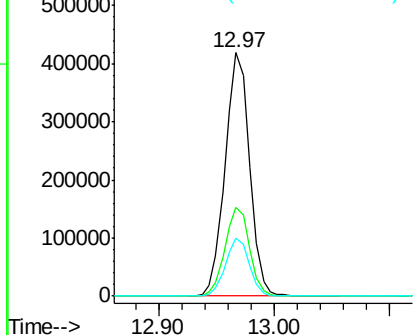


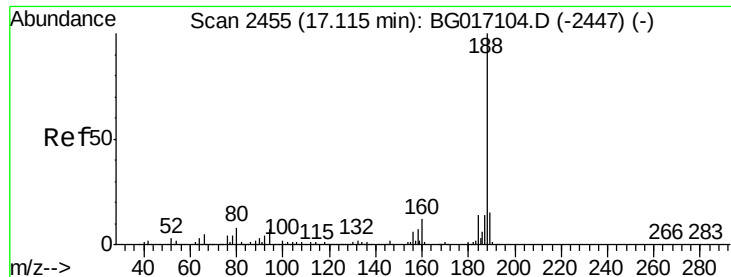
#44
 2-Fluorobiphenyl
 Concen: 79.79 ng
 RT: 12.97 min Scan# 1749
 Delta R.T. -0.02 min
 Lab File: BG017239.D
 Acq: 21 May 2015 7:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	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: 17.10 min Scan# 2452

Delta R.T. -0.02 min

Lab File: BG017239.D

Acq: 21 May 2015 7:47

Instrument :

BNA_G

ClientSampleId :

MW1

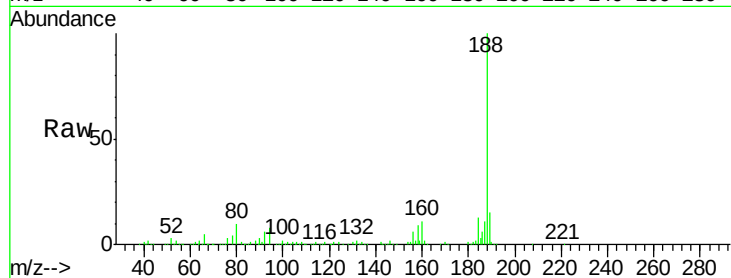
Tgt Ion:188 Resp: 278614

Ion Ratio Lower Upper

188 100

94 8.4 5.8 8.6

80 9.9 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

250000

200000

150000

100000

50000

0

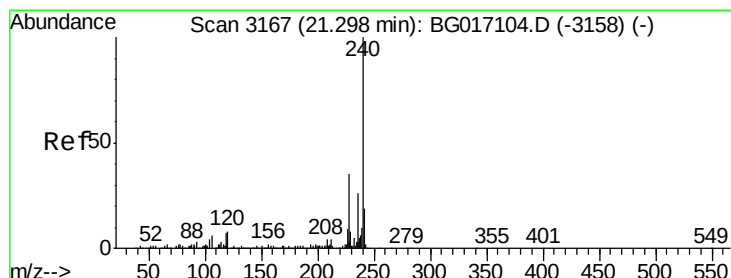
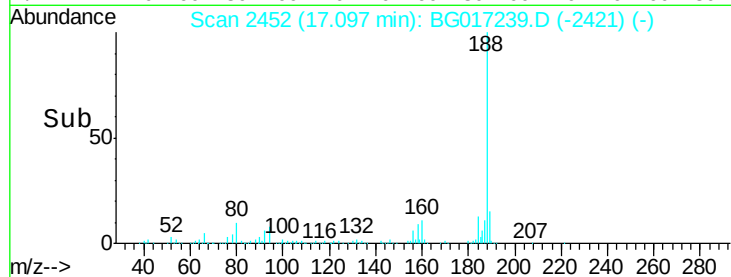
17.10

17.00

17.10

17.20

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.29 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG017239.D

Acq: 21 May 2015 7:47

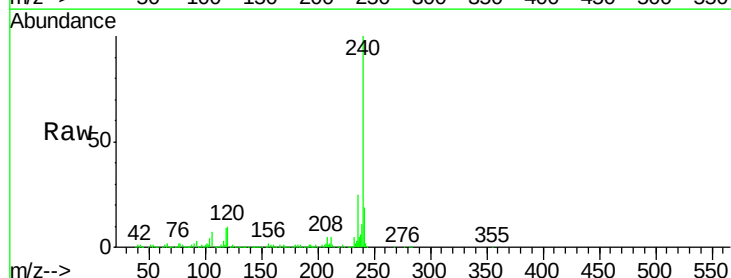
Tgt Ion:240 Resp: 304452

Ion Ratio Lower Upper

240 100

120 9.9 6.0 9.0#

236 24.7 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

300000

200000

100000

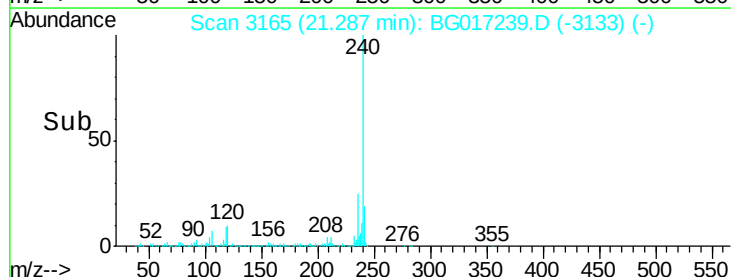
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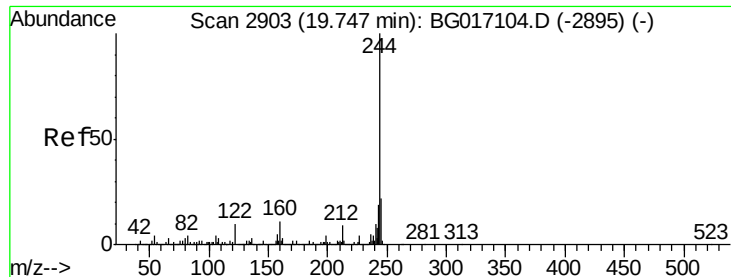
21.29

21.20

21.30

Time-->





#78

Terphenyl-d14

Concen: 73.61 ng

RT: 19.74 min Scan# 2901

Delta R.T. -0.01 min

Lab File: BG017239.D

Acq: 21 May 2015 7:47

Instrument :

BNA_G

ClientSampleId :

MW1

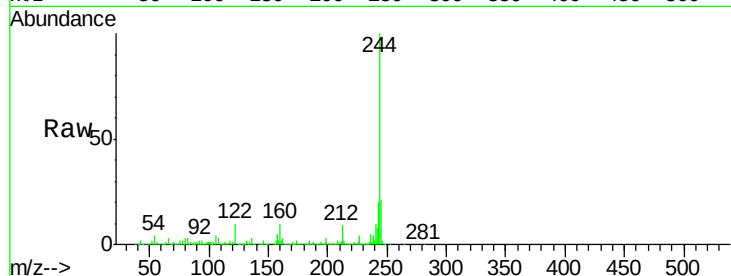
Tgt Ion:244 Resp: 1075414

Ion Ratio Lower Upper

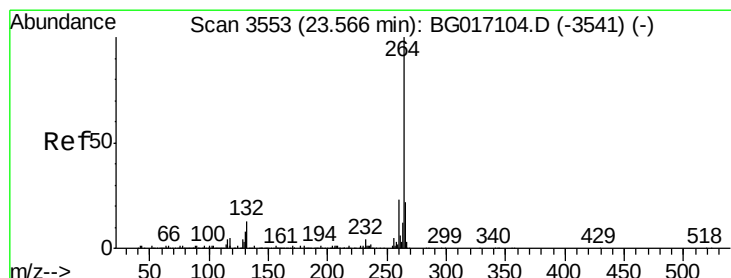
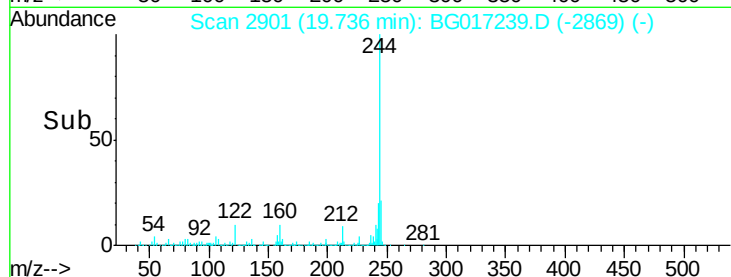
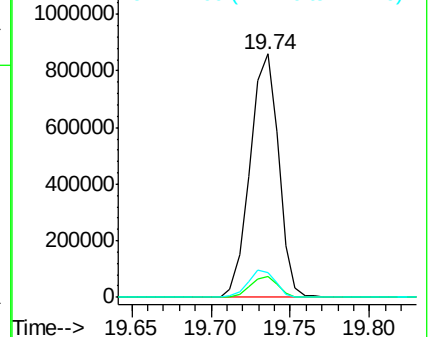
244 100

212 8.6 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: 23.55 min Scan# 3550

Delta R.T. -0.02 min

Lab File: BG017239.D

Acq: 21 May 2015 7:47

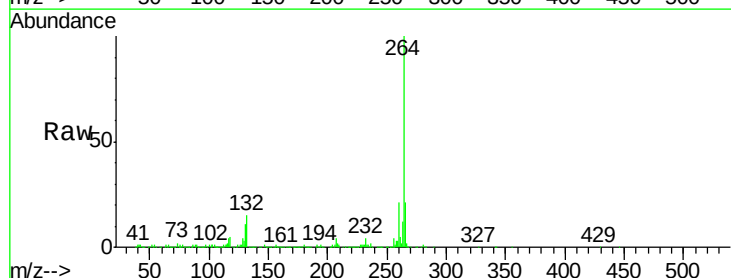
Tgt Ion:264 Resp: 300692

Ion Ratio Lower Upper

264 100

260 21.4 18.0 27.0

265 20.6 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

