

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051415\
 Data File : BG017138.D
 Acq On : 14 May 2015 13:47
 Operator : TP/IZ
 Sample : PB83313BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83313BL

Quant Time: May 15 04:45:20 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	7.70	152	50298	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	213893	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	135520	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	331112	20.00	ng	0.00
75) Chrysene-d12	21.29	240	334394	20.00	ng	0.00
86) Perylene-d12	23.56	264	320394	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	412771	145.60	ng	0.00
7) Phenol-d6	6.91	99	555437	139.61	ng	0.00
23) Nitrobenzene-d5	8.86	82	356362	77.78	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	223614	136.50	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	735884	79.68	ng	0.00
78) Terphenyl-d14	19.74	244	1343050	83.70	ng	0.00

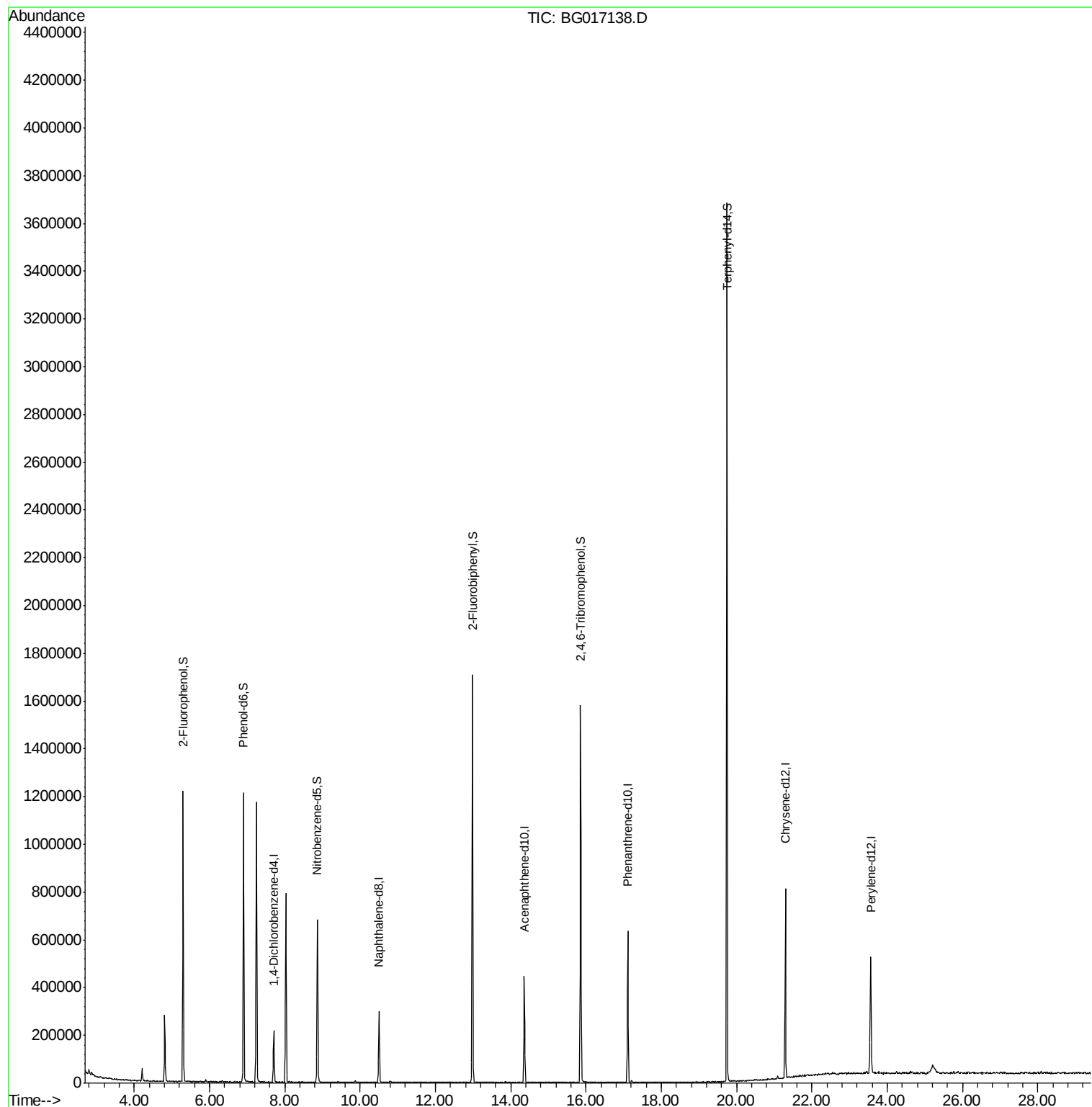
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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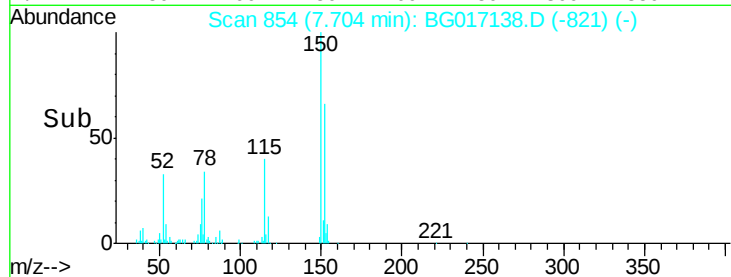
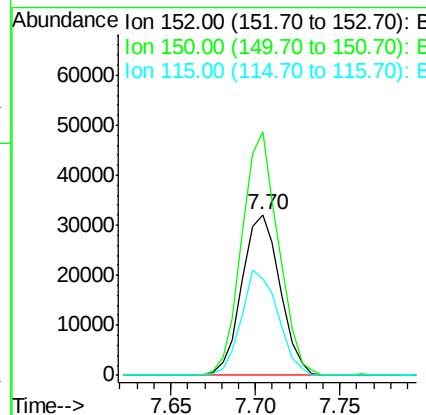
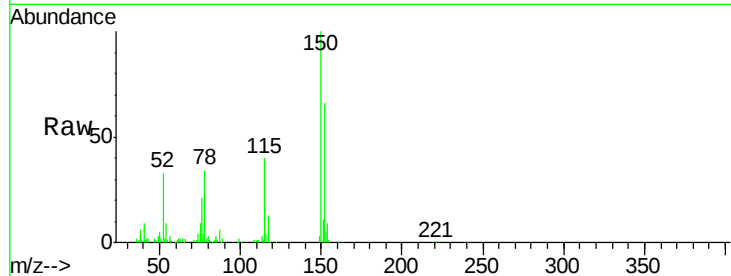


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 854
Delta R.T. -0.00 min
Lab File: BG017138.D
Acq: 14 May 2015 13:47

Instrument :
BNA_G
ClientSampleId :
PB83313BL

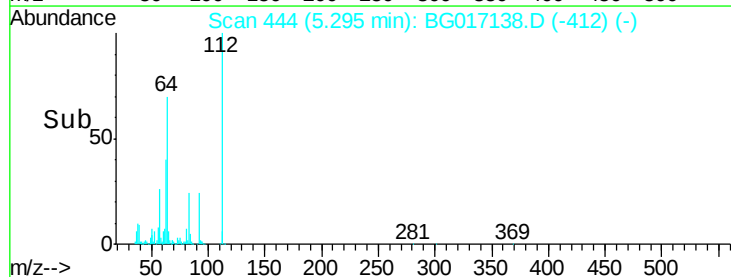
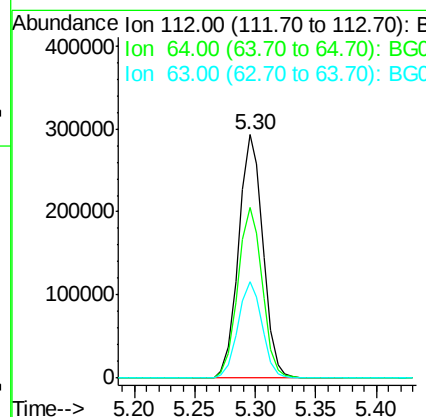
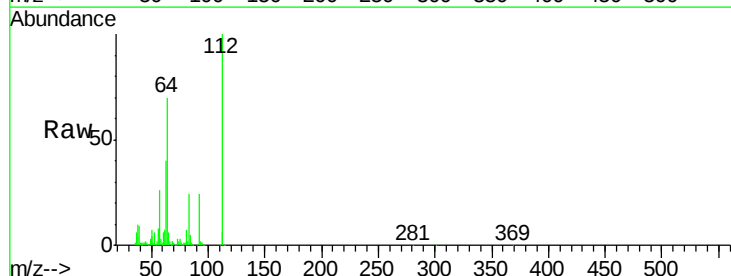
Tgt Ion:152 Resp: 50298
Ion Ratio Lower Upper
152 100
150 151.8 120.8 181.2
115 60.0 49.4 74.2

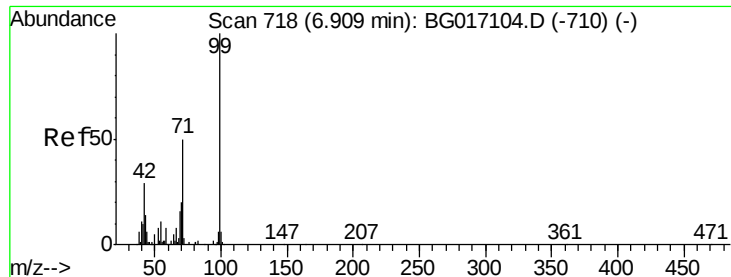


#5

2-Fluorophenol
Concen: 145.60 ng
RT: 5.30 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG017138.D
Acq: 14 May 2015 13:47

Tgt Ion:112 Resp: 412771
Ion Ratio Lower Upper
112 100
64 70.3 48.1 72.1
63 39.8 29.8 44.8





#7

Phenol-d6

Concen: 139.61 ng

RT: 6.91 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG017138.D

Acq: 14 May 2015 13:47

Instrument :

BNA_G

ClientSampleId :

PB83313BL

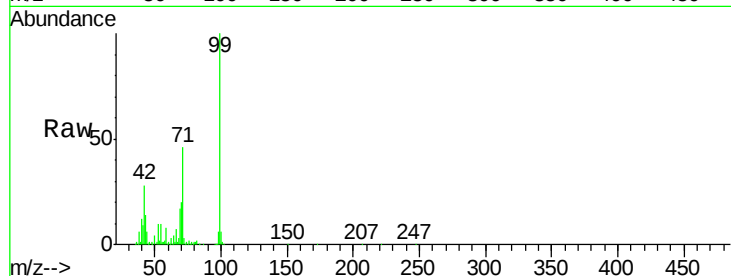
Tgt Ion: 99 Resp: 555437

Ion Ratio Lower Upper

99 100

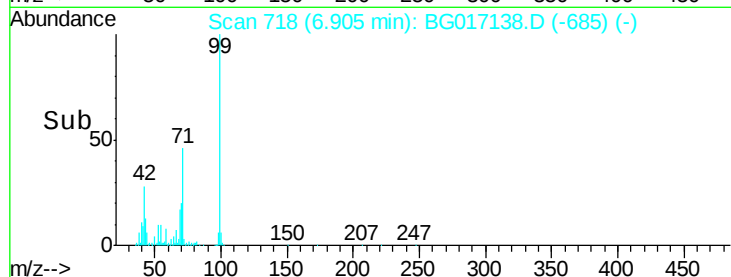
42 28.0 23.5 35.3

71 46.3 39.8 59.8

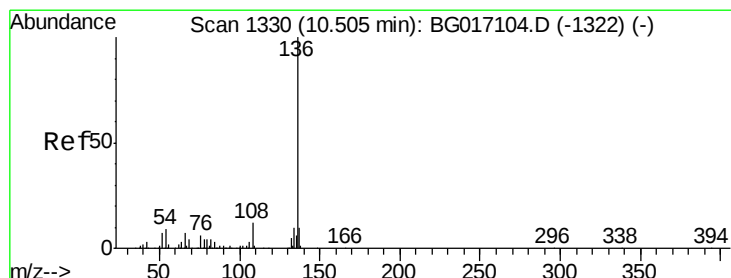


Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC

6.91



Time--> 6.80 6.90 7.00



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.50 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BG017138.D

Acq: 14 May 2015 13:47

Tgt Ion: 136 Resp: 213893

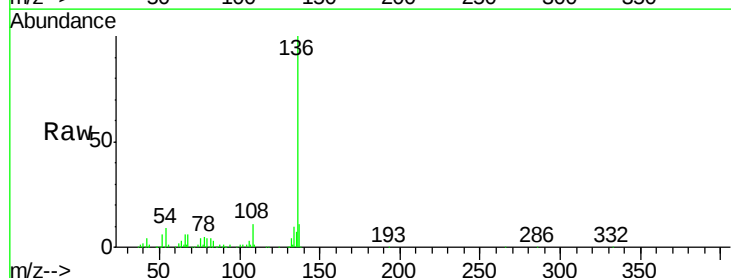
Ion Ratio Lower Upper

136 100

137 10.6 8.3 12.5

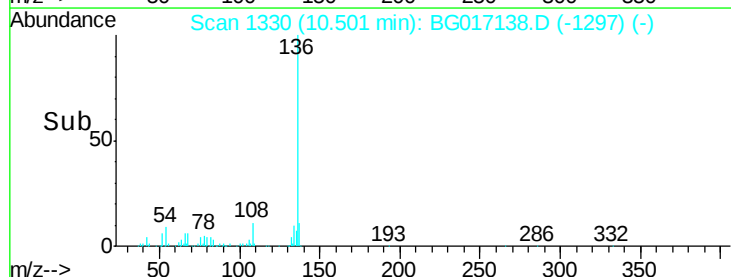
54 9.4 7.4 11.2

68 5.8 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

10.50



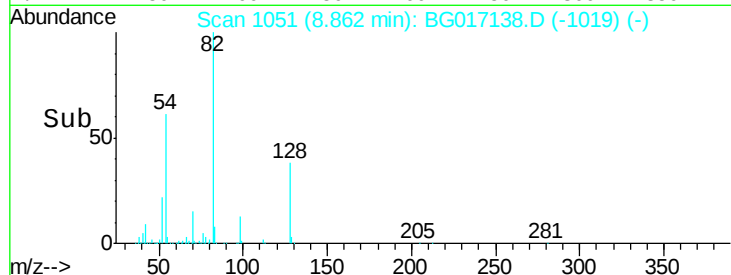
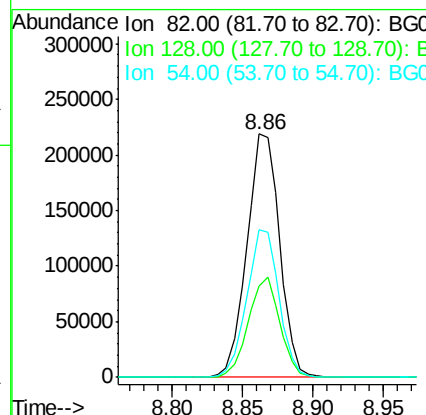
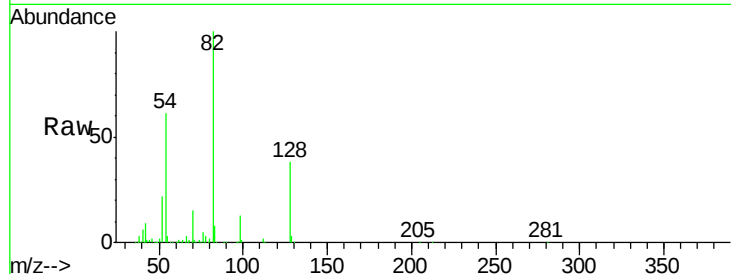
Time--> 10.40 10.50 10.60



#23
 Nitrobenzene-d5
 Concen: 77.78 ng
 RT: 8.86 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BG017138.D
 Acq: 14 May 2015 13:47

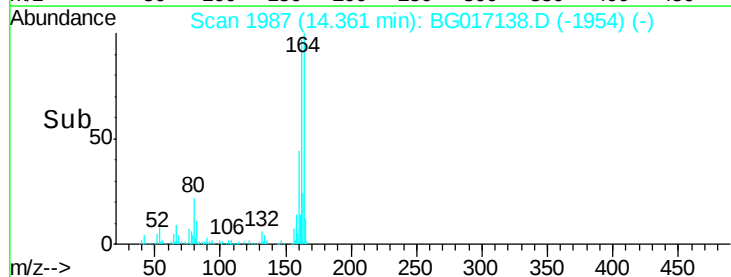
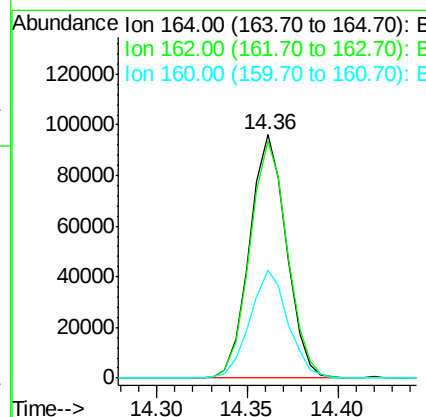
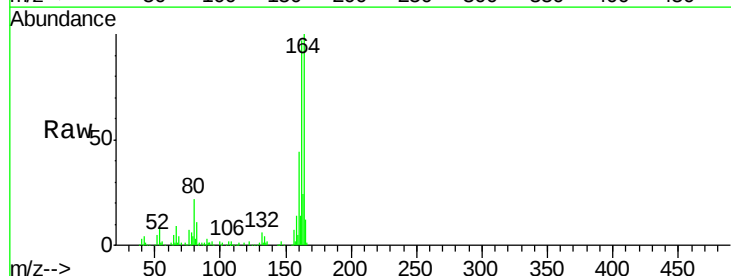
Instrument :
 BNA_G
 ClientSampleID :
 PB83313BL

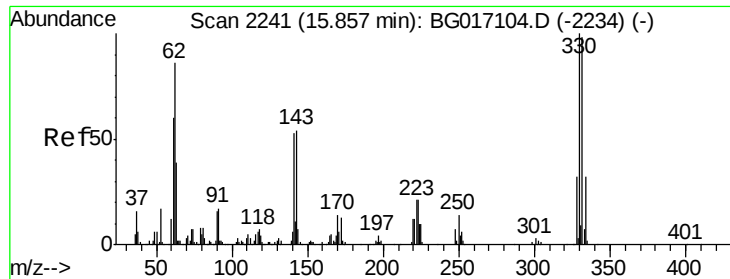
Tgt Ion	Resp	Lower	Upper
82	356362		
128	37.7	32.6	49.0
54	60.8	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.36 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG017138.D
 Acq: 14 May 2015 13:47

Tgt Ion	Resp	Lower	Upper
164	135520		
162	97.2	82.1	123.1
160	44.3	34.8	52.2

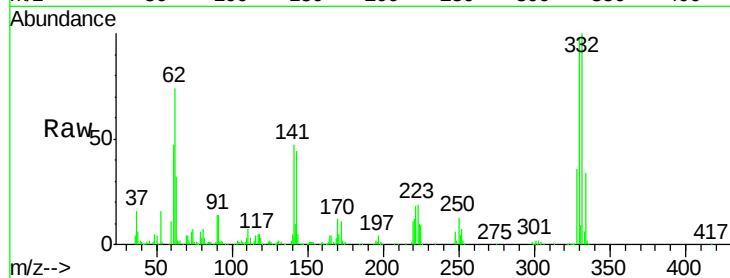




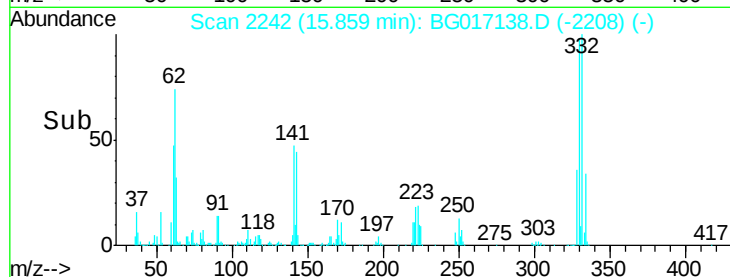
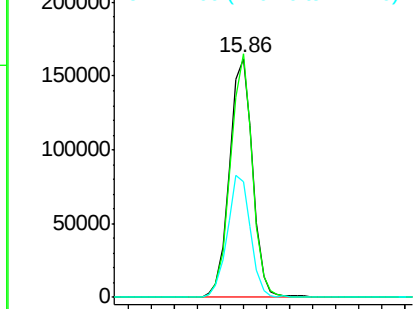
#41
 2,4,6-Tribromophenol
 Concen: 136.50 ng
 RT: 15.86 min Scan# 2242
 Delta R.T. 0.00 min
 Lab File: BG017138.D
 Acq: 14 May 2015 13:47

Instrument :
 BNA_G
 ClientSampleId :
 PB83313BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.9	115.3
141	51.0	42.2	63.2

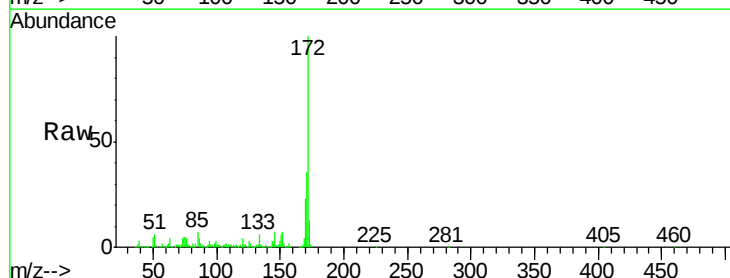


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

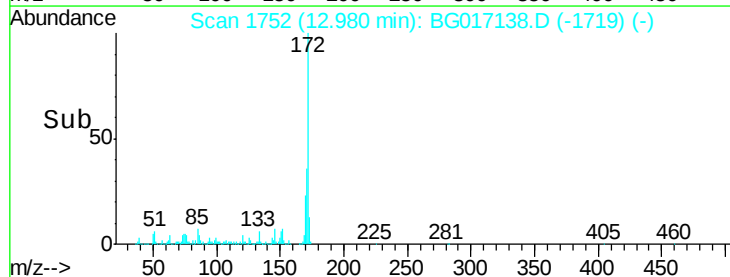
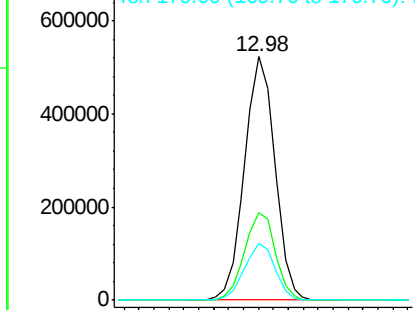


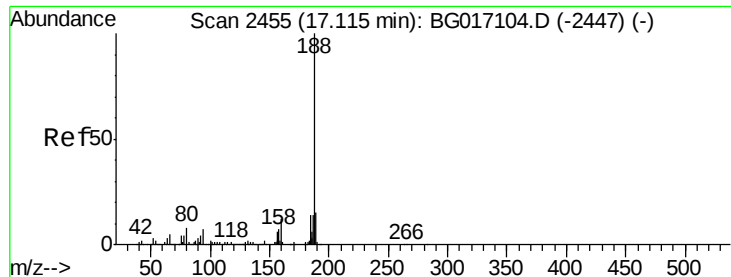
#44
 2-Fluorobiphenyl
 Concen: 79.68 ng
 RT: 12.98 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BG017138.D
 Acq: 14 May 2015 13:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.4	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

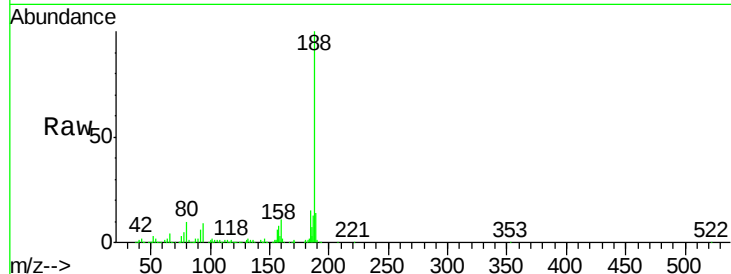




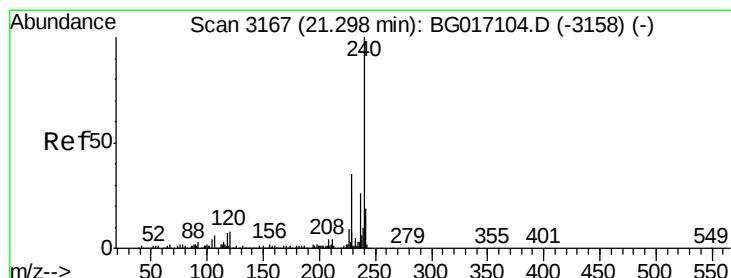
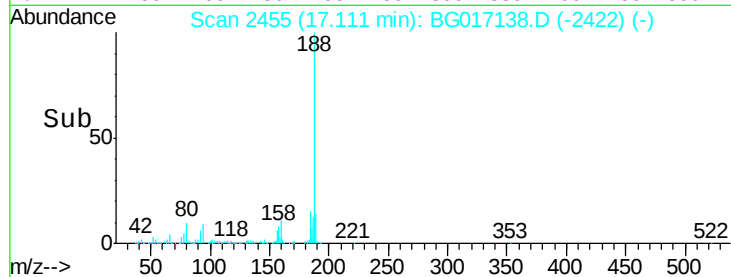
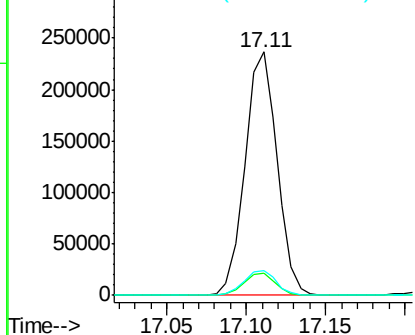
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.11 min Scan# 2455
Delta R.T. -0.00 min
Lab File: BG017138.D
Acq: 14 May 2015 13:47

Instrument :
BNA_G
ClientSampleId :
PB83313BL

Tgt Ion:188 Resp: 331112
Ion Ratio Lower Upper
188 100
94 9.3 5.8 8.6#
80 10.3 6.5 9.7#

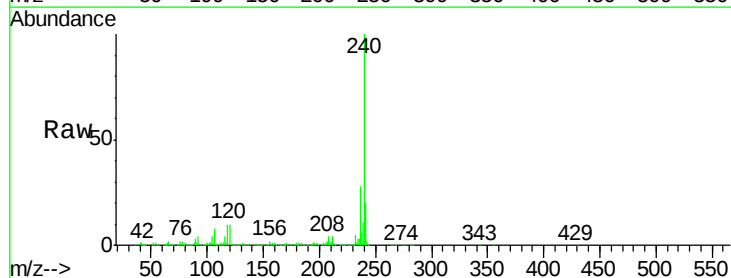


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

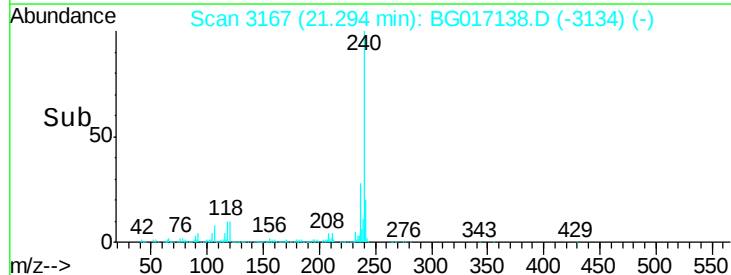
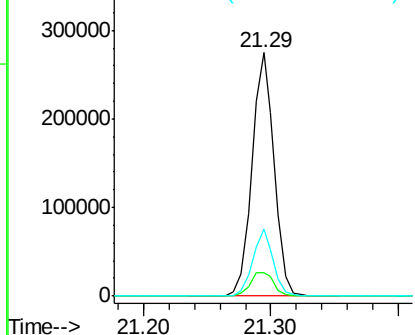


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.29 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG017138.D
Acq: 14 May 2015 13:47

Tgt Ion:240 Resp: 334394
Ion Ratio Lower Upper
240 100
120 9.8 6.0 9.0#
236 27.7 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





#78

Terphenyl-d14

Concen: 83.70 ng

RT: 19.74 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BG017138.D

Acq: 14 May 2015 13:47

Instrument :

BNA_G

ClientSampled :

PB83313BL

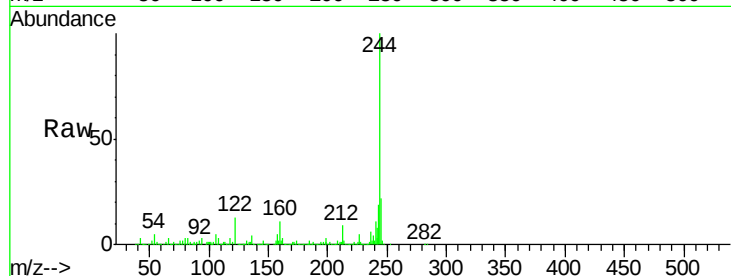
Tgt Ion:244 Resp: 1343050

Ion Ratio Lower Upper

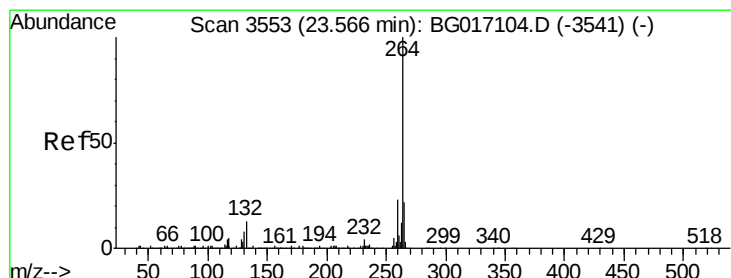
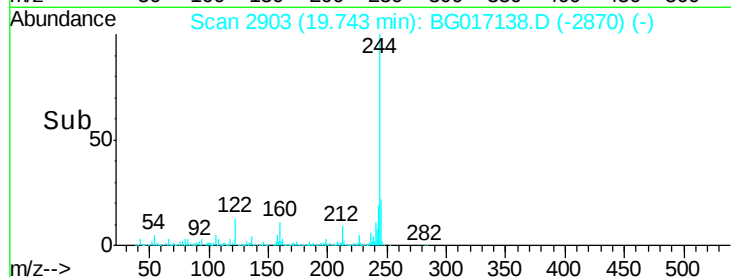
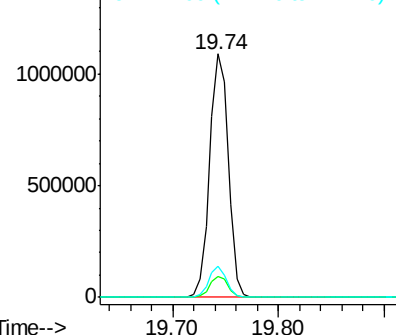
244 100

212 8.8 7.0 10.4

122 13.0 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: 23.56 min Scan# 3553

Delta R.T. -0.00 min

Lab File: BG017138.D

Acq: 14 May 2015 13:47

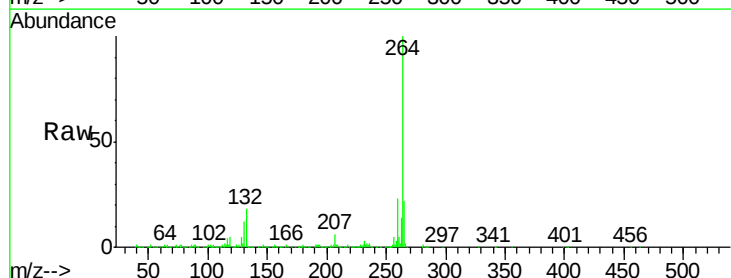
Tgt Ion:264 Resp: 320394

Ion Ratio Lower Upper

264 100

260 22.8 18.0 27.0

265 22.1 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

