

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051515\
 Data File : BG017176.D
 Acq On : 15 May 2015 15:30
 Operator : TP/IZ
 Sample : PB83400BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83400BL

Quant Time: May 16 00:18:39 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 16 00:01:34 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	55146	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	226410	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	150952	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	362319	20.00	ng	0.00
75) Chrysene-d12	21.29	240	378100	20.00	ng	0.00
86) Perylene-d12	23.56	264	382493	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	341669	109.93	ng	0.00
7) Phenol-d6	6.91	99	452425	103.72	ng	0.00
23) Nitrobenzene-d5	8.87	82	300579	61.98	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	183617	100.63	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	617451	60.02	ng	0.00
78) Terphenyl-d14	19.74	244	1112565	61.32	ng	0.00

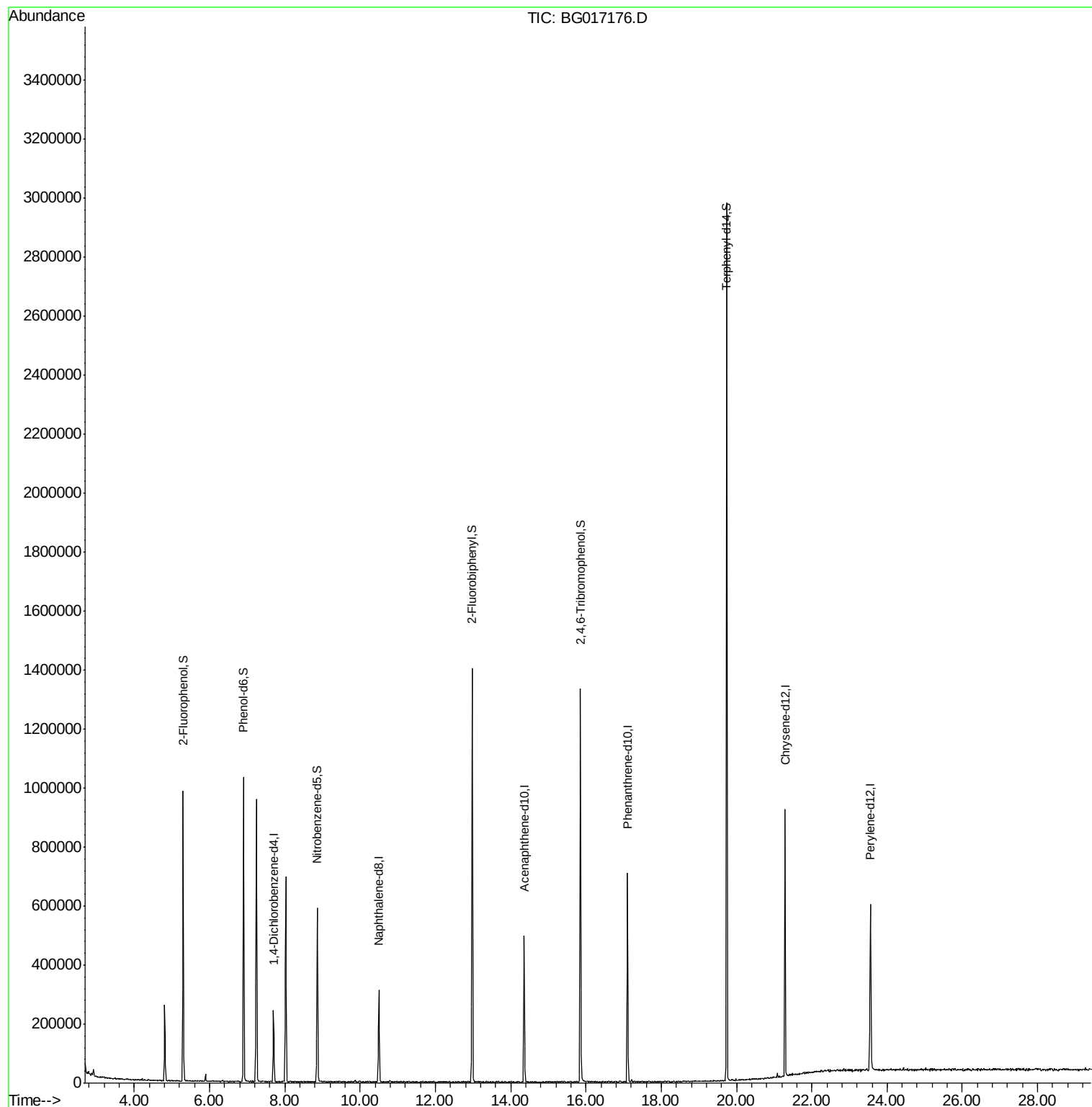
Target Compounds	Qvalue
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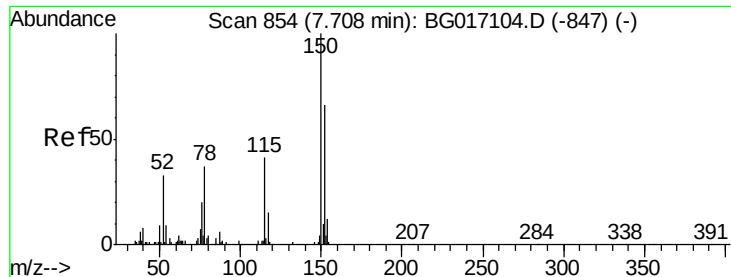
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.70 min Scan# 853

Delta R.T. -0.00 min

Lab File: BG017176.D

Acq: 15 May 2015 15:30

Instrument :

BNA_G

ClientSampleId :

PB83400BL

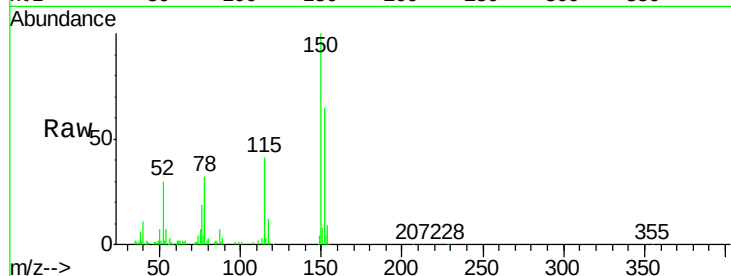
Tgt Ion:152 Resp: 55146

Ion Ratio Lower Upper

152 100

150 154.6 120.8 181.2

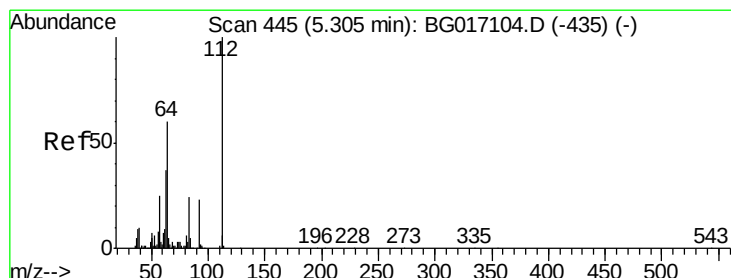
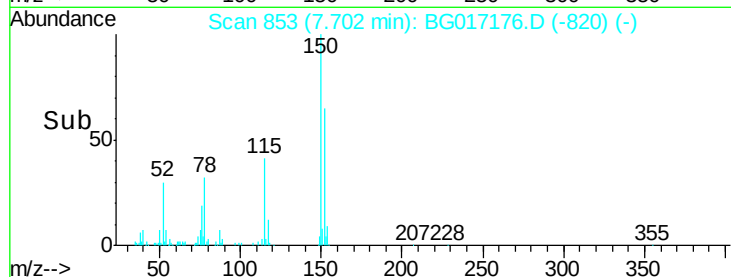
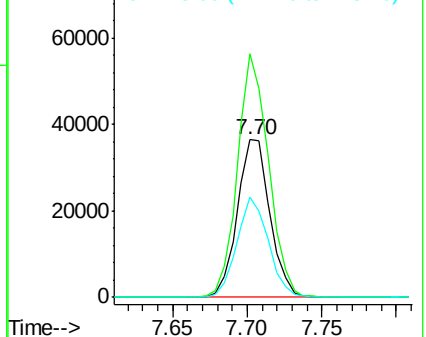
115 63.7 49.4 74.2



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: 109.93 ng

RT: 5.30 min Scan# 444

Delta R.T. 0.00 min

Lab File: BG017176.D

Acq: 15 May 2015 15:30

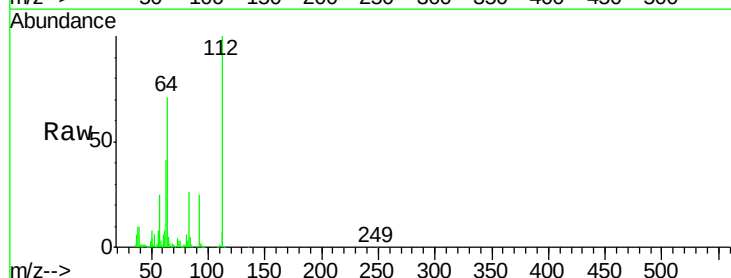
Tgt Ion:112 Resp: 341669

Ion Ratio Lower Upper

112 100

64 70.9 48.1 72.1

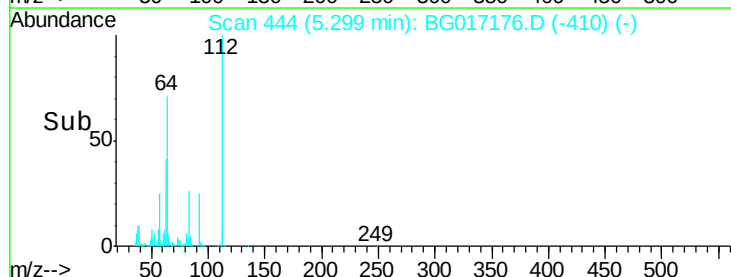
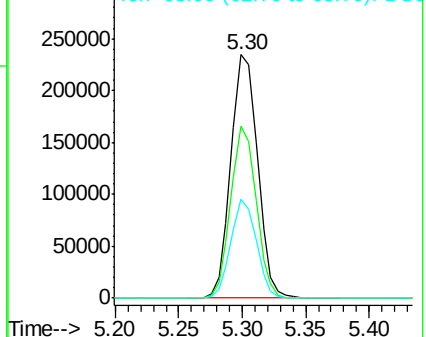
63 40.9 29.8 44.8

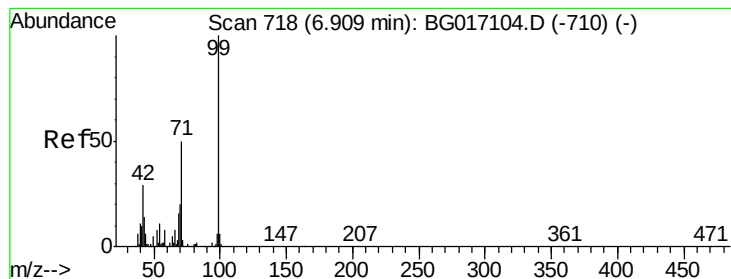


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 103.72 ng

RT: 6.91 min Scan# 718

Delta R.T. 0.00 min

Lab File: BG017176.D

Acq: 15 May 2015 15:30

Instrument :

BNA_G

ClientSampleId :

PB83400BL

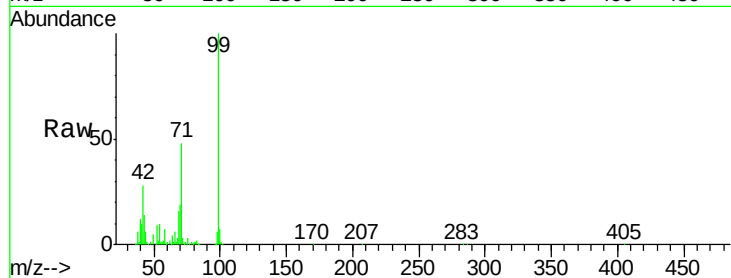
Tgt Ion: 99 Resp: 452425

Ion Ratio Lower Upper

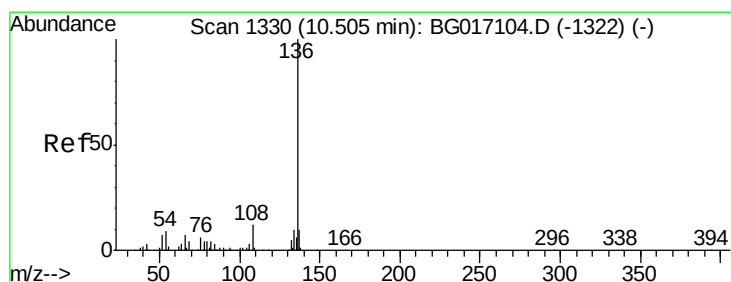
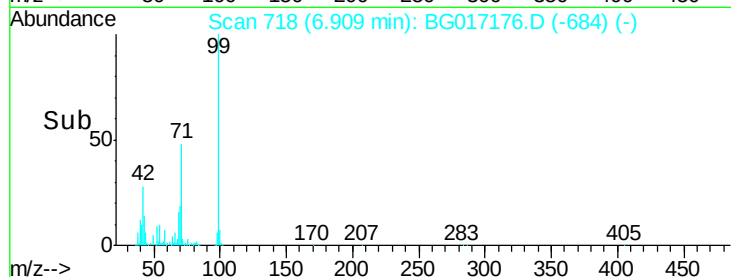
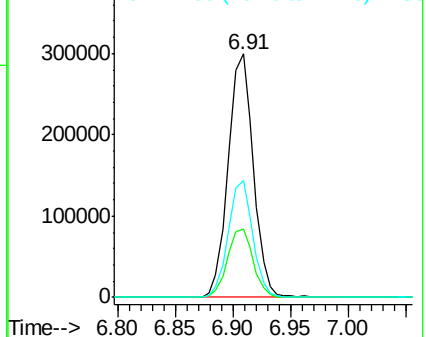
99 100

42 27.9 23.5 35.3

71 48.1 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: 10.50 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BG017176.D

Acq: 15 May 2015 15:30

Tgt Ion: 136 Resp: 226410

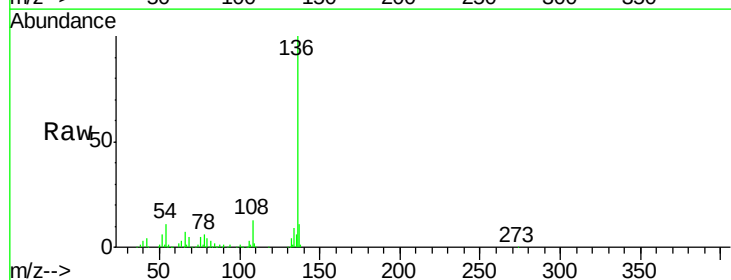
Ion Ratio Lower Upper

136 100

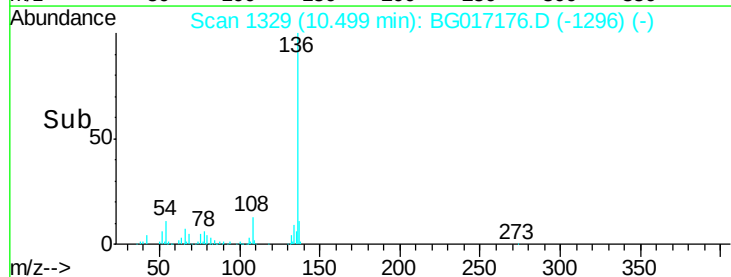
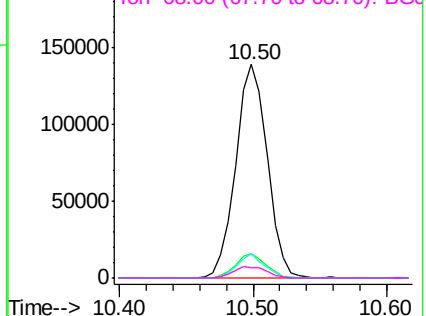
137 11.2 8.3 12.5

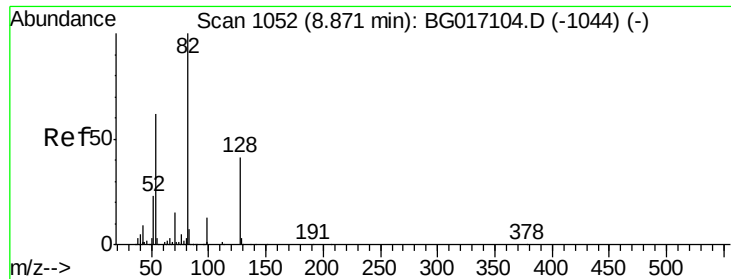
54 11.3 7.4 11.2#

68 4.9 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

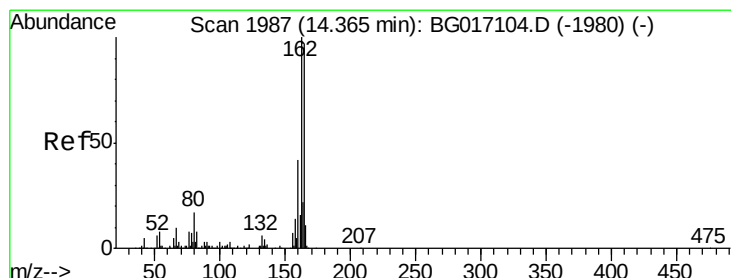
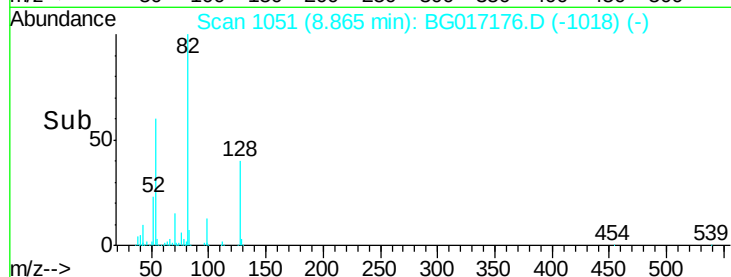
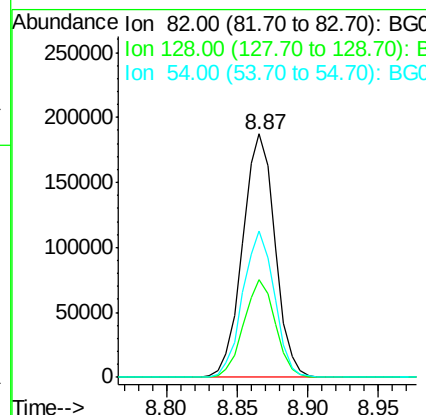
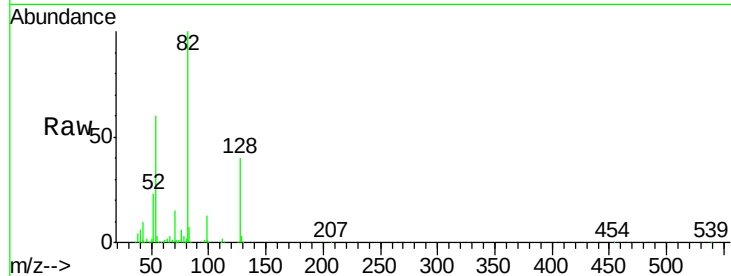




#23
 Nitrobenzene-d5
 Concen: 61.98 ng
 RT: 8.87 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: BG017176.D
 Acq: 15 May 2015 15:30

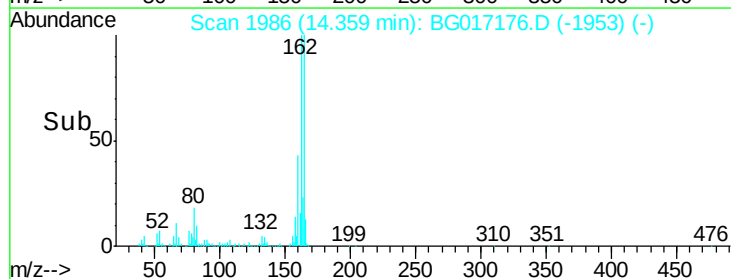
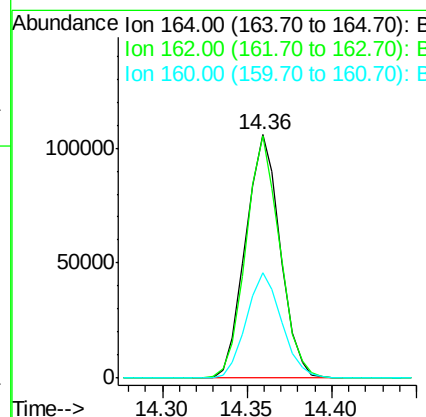
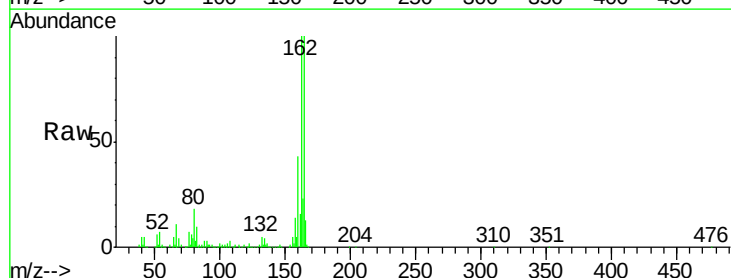
Instrument :
 BNA_G
 ClientSampleId :
 PB83400BL

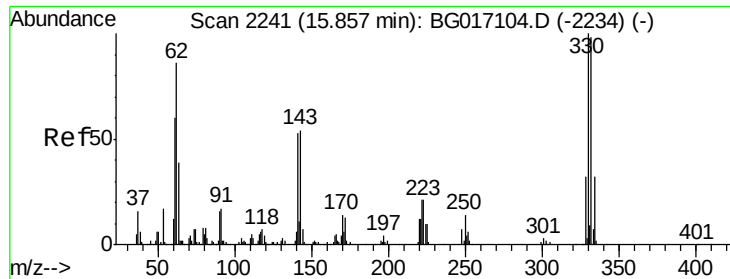
Tgt Ion: 82 Resp: 300579
 Ion Ratio Lower Upper
 82 100
 128 39.9 32.6 49.0
 54 60.2 49.6 74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.36 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: BG017176.D
 Acq: 15 May 2015 15:30

Tgt Ion: 164 Resp: 150952
 Ion Ratio Lower Upper
 164 100
 162 99.6 82.1 123.1
 160 43.2 34.8 52.2

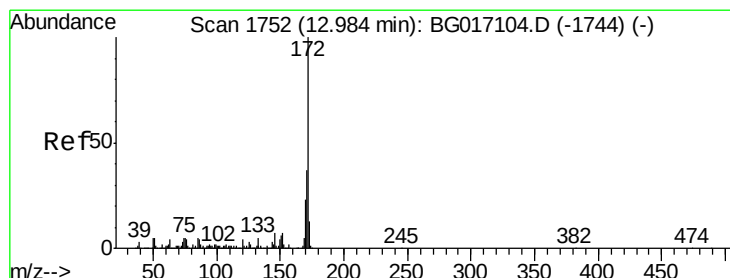
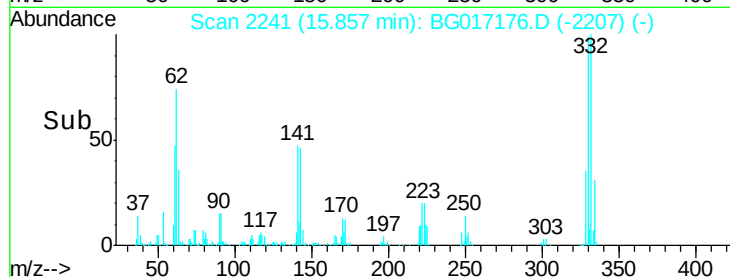
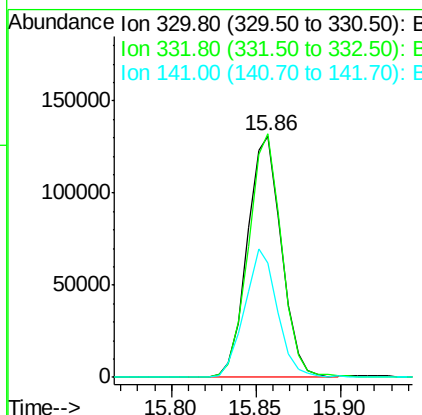
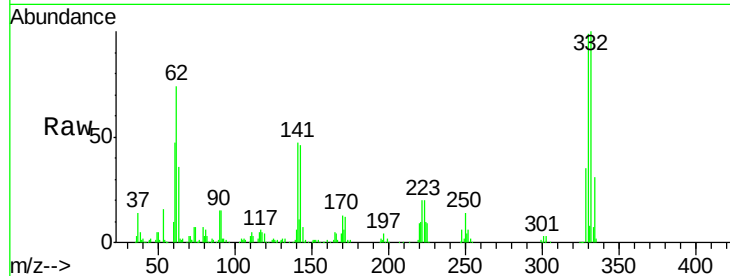




#41
 2,4,6-Tribromophenol
 Concen: 100.63 ng
 RT: 15.86 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: BG017176.D
 Acq: 15 May 2015 15:30

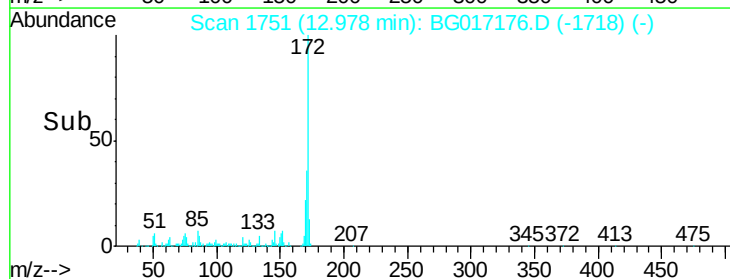
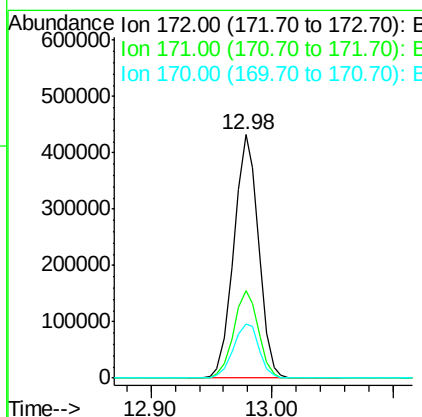
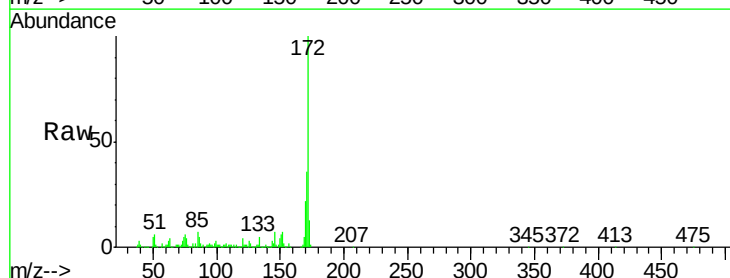
Instrument :
 BNA_G
 ClientSampleId :
 PB83400BL

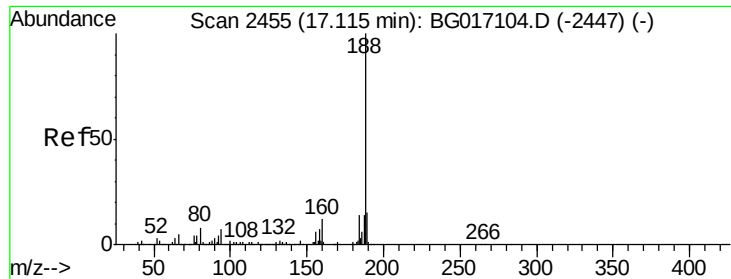
Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.9	76.9	115.3
141	51.7	42.2	63.2



#44
 2-Fluorobiphenyl
 Concen: 60.02 ng
 RT: 12.98 min Scan# 1751
 Delta R.T. -0.00 min
 Lab File: BG017176.D
 Acq: 15 May 2015 15:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	22.2	18.4	27.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.11 min Scan# 2454

Delta R.T. -0.00 min

Lab File: BG017176.D

Acq: 15 May 2015 15:30

Instrument :

BNA_G

ClientSampleId :

PB83400BL

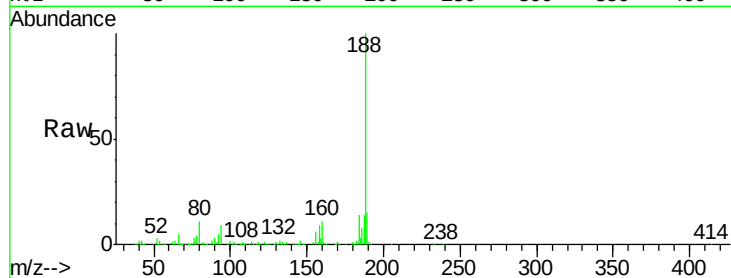
Tgt Ion:188 Resp: 362319

Ion Ratio Lower Upper

188 100

94 9.2 5.8 8.6#

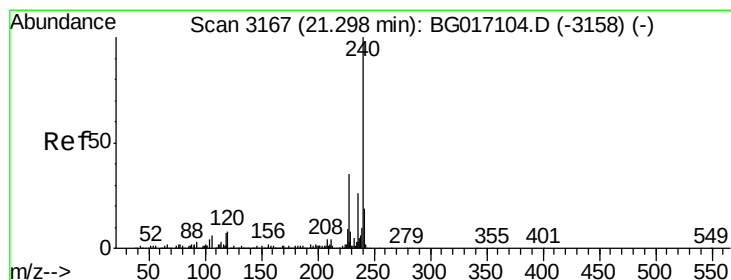
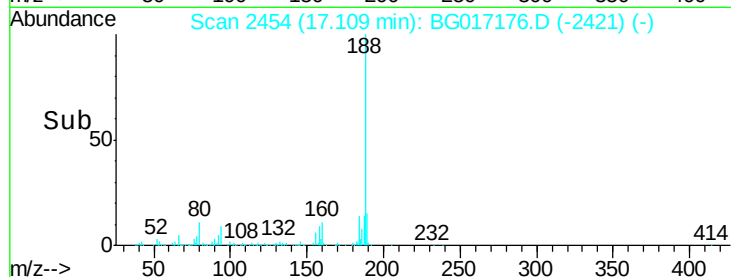
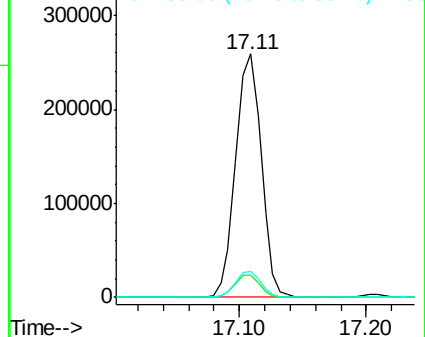
80 10.5 6.5 9.7#



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# 3166

Delta R.T. -0.00 min

Lab File: BG017176.D

Acq: 15 May 2015 15:30

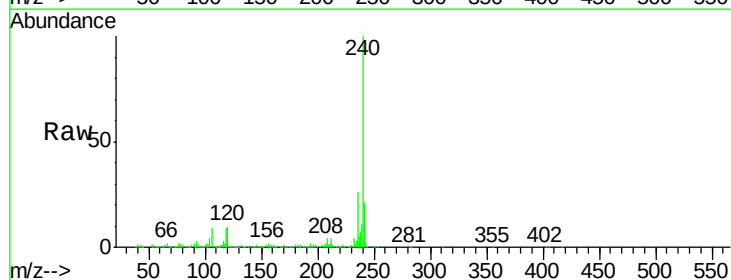
Tgt Ion:240 Resp: 378100

Ion Ratio Lower Upper

240 100

120 10.4 6.0 9.0#

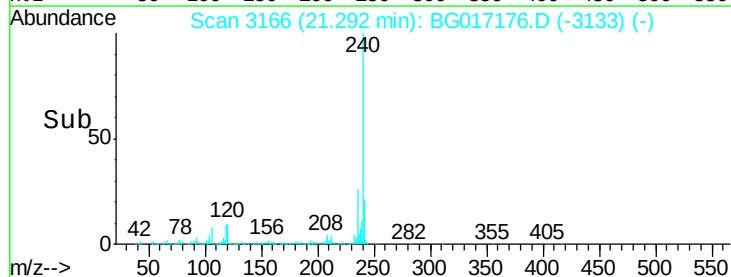
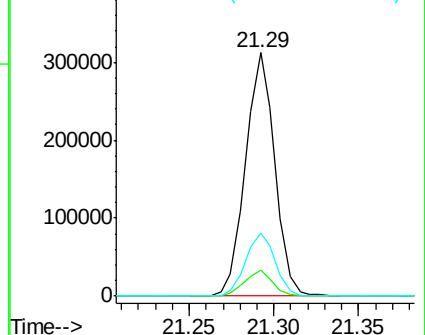
236 26.1 20.5 30.7

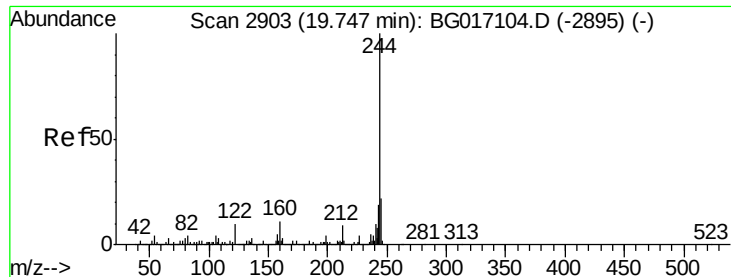


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 61.32 ng

RT: 19.74 min Scan# 2902

Delta R.T. -0.00 min

Lab File: BG017176.D

Acq: 15 May 2015 15:30

Instrument :

BNA_G

ClientSampleId :

PB83400BL

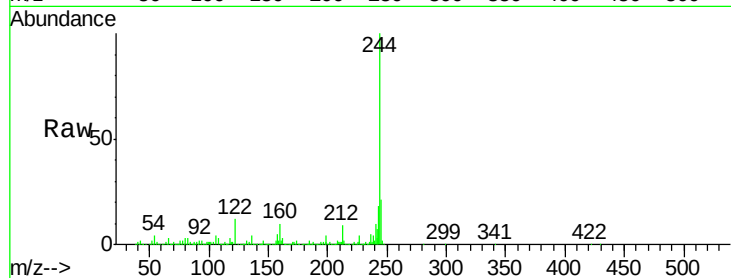
Tgt Ion:244 Resp: 1112565

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.4

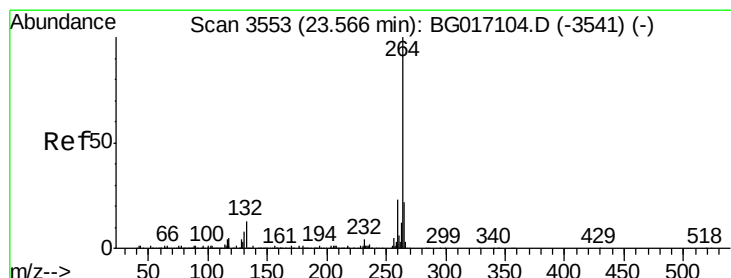
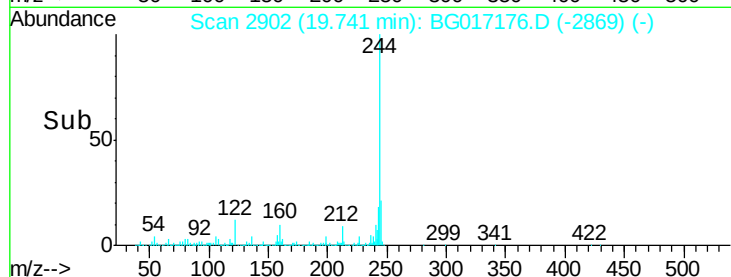
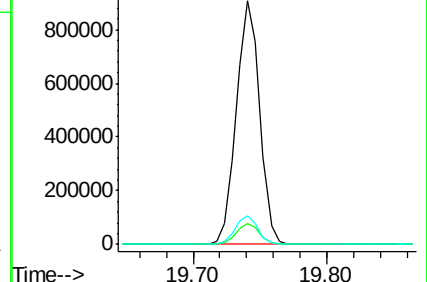
122 11.9 8.4 12.6



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# 3552

Delta R.T. 0.00 min

Lab File: BG017176.D

Acq: 15 May 2015 15:30

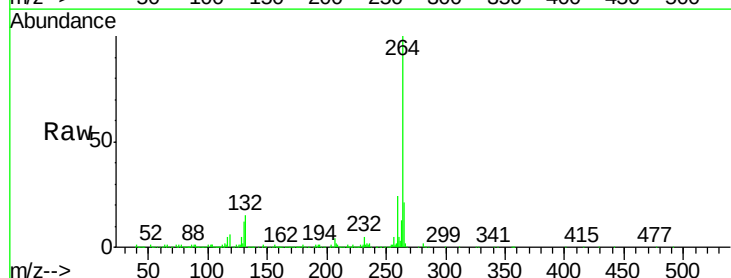
Tgt Ion:264 Resp: 382493

Ion Ratio Lower Upper

264 100

260 23.6 18.0 27.0

265 21.5 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

