

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051515\
 Data File : BG017179.D
 Acq On : 15 May 2015 17:14
 Operator : TP/IZ
 Sample : PB83418BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83418BL

Quant Time: May 16 00:19:51 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

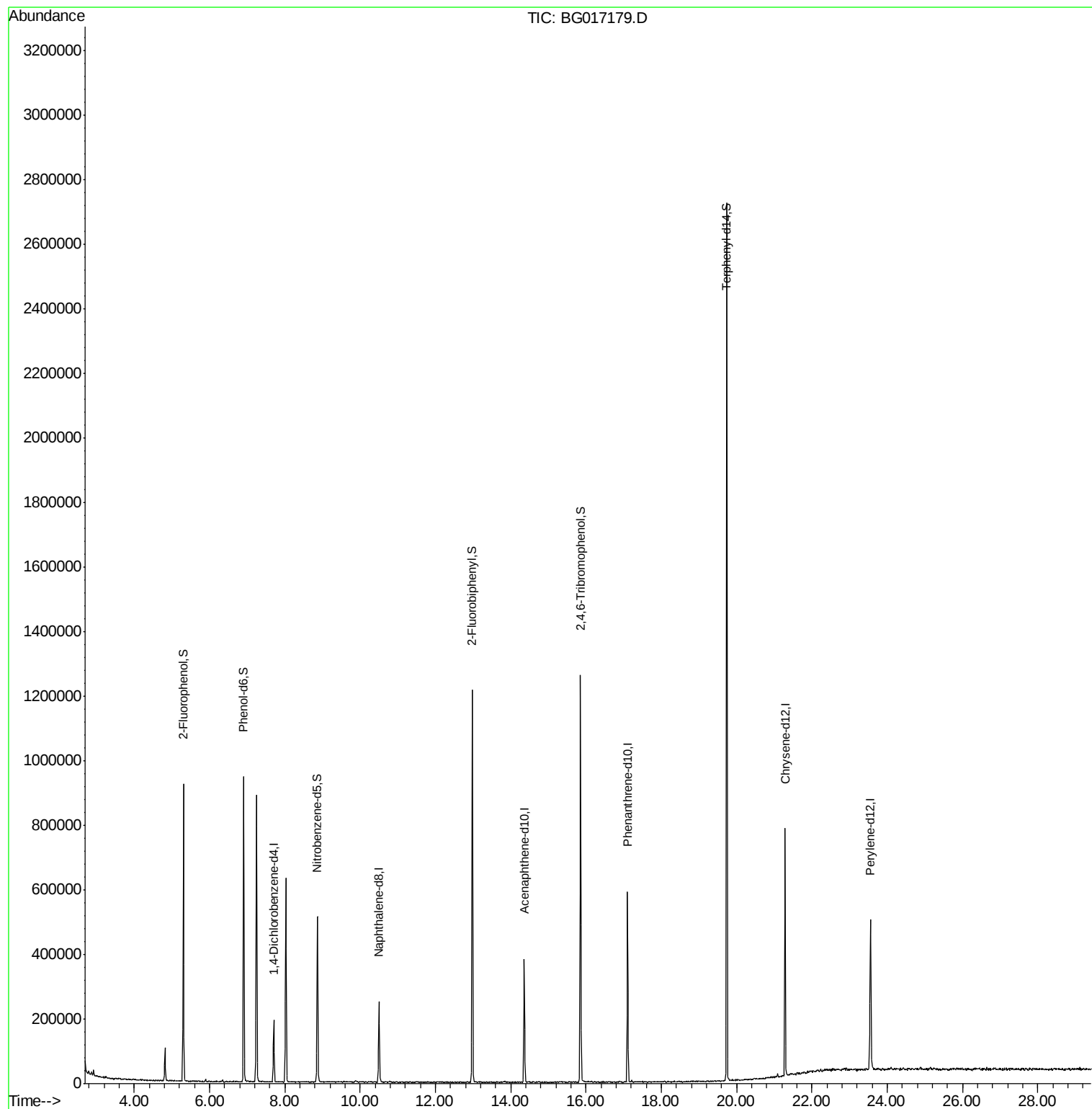
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	42635	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	178627	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	117067	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	289967	20.00	ng	0.00
75) Chrysene-d12	21.29	240	326102	20.00	ng	0.00
86) Perylene-d12	23.56	264	316022	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	309131	128.64	ng	0.00
7) Phenol-d6	6.91	99	409244	121.36	ng	0.00
23) Nitrobenzene-d5	8.86	82	271499	70.96	ng	0.00
41) 2,4,6-Tribromophenol	15.85	330	167925	118.66	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	561790	70.42	ng	0.00
78) Terphenyl-d14	19.74	244	1067345	68.21	ng	0.00
Target Compounds						
9) Benzaldehyde	6.82	77	73	Below Cal	Qvalue #	6

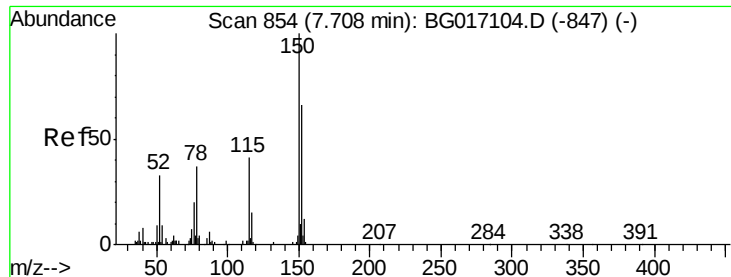
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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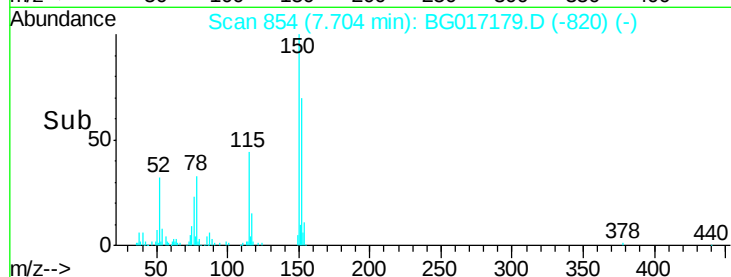
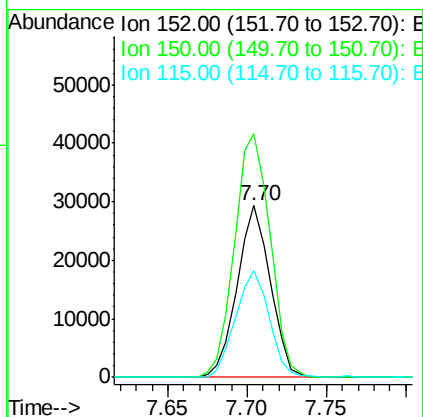
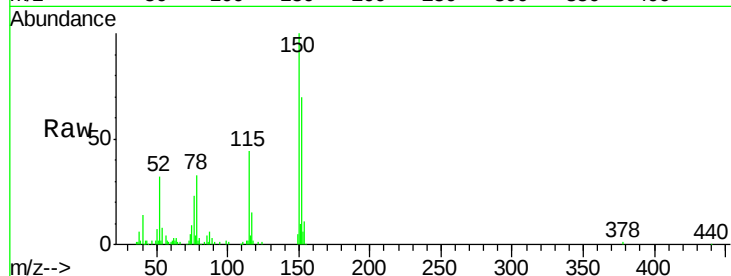


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 854
Delta R.T. -0.00 min
Lab File: BG017179.D
Acq: 15 May 2015 17:14

Instrument :
BNA_G
ClientSampleId :
PB83418BL

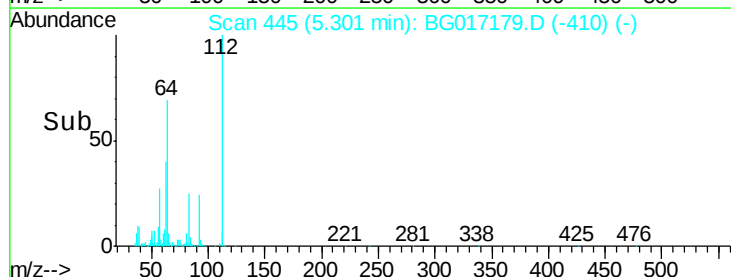
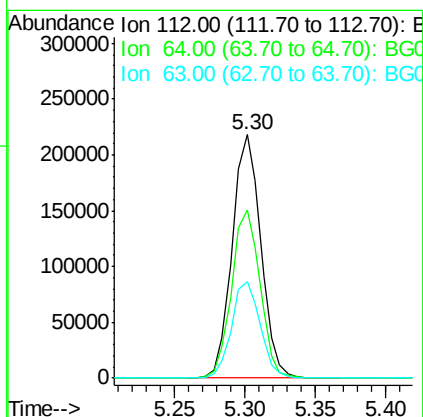
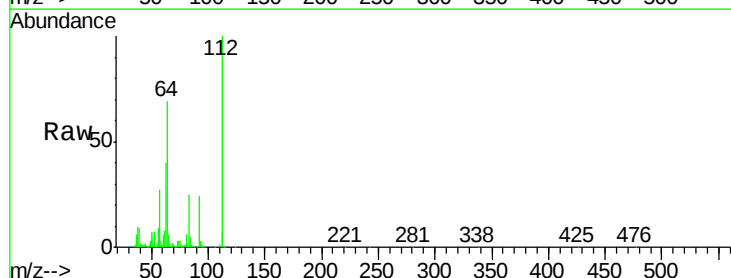
Tgt Ion	Ratio	Lower	Upper
152	100		
150	142.0	120.8	181.2
115	62.5	49.4	74.2

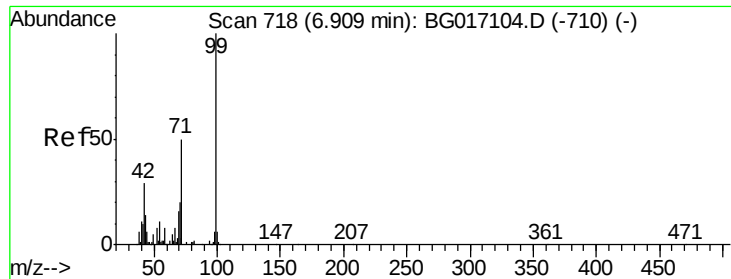


#5

2-Fluorophenol
Concen: 128.64 ng
RT: 5.30 min Scan# 445
Delta R.T. 0.00 min
Lab File: BG017179.D
Acq: 15 May 2015 17:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.8	48.1	72.1
63	39.7	29.8	44.8





#7

Phenol-d6

Concen: 121.36 ng

RT: 6.91 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG017179.D

Acq: 15 May 2015 17:14

Instrument :

BNA_G

ClientSampleId :

PB83418BL

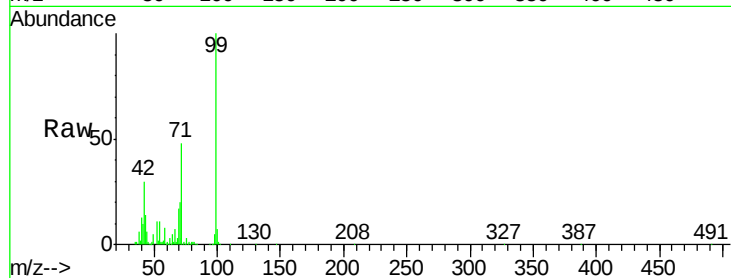
Tgt Ion: 99 Resp: 409244

Ion Ratio Lower Upper

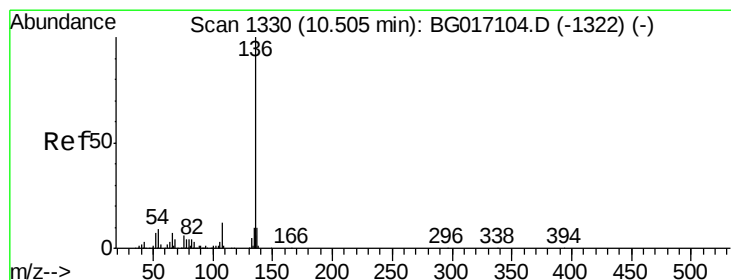
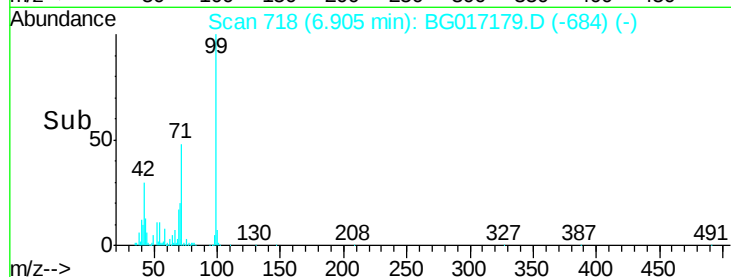
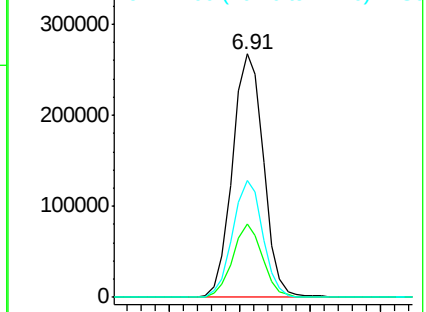
99 100

42 30.3 23.5 35.3

71 47.9 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# 1330

Delta R.T. -0.00 min

Lab File: BG017179.D

Acq: 15 May 2015 17:14

Tgt Ion: 136 Resp: 178627

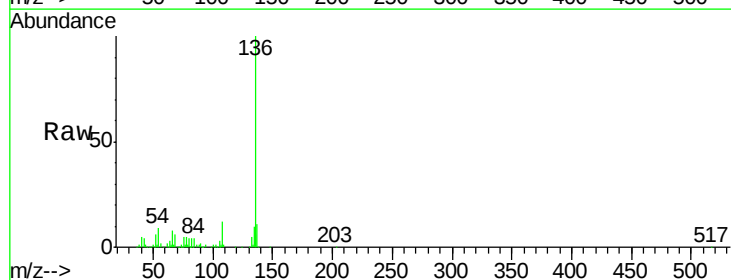
Ion Ratio Lower Upper

136 100

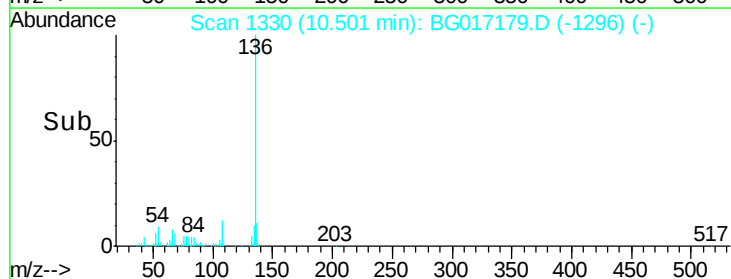
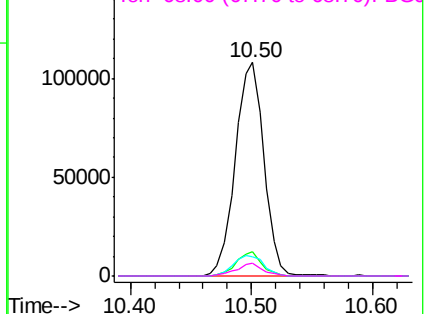
137 11.5 8.3 12.5

54 9.3 7.4 11.2

68 6.0 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

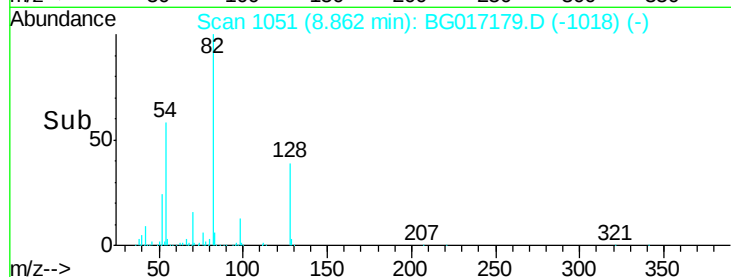
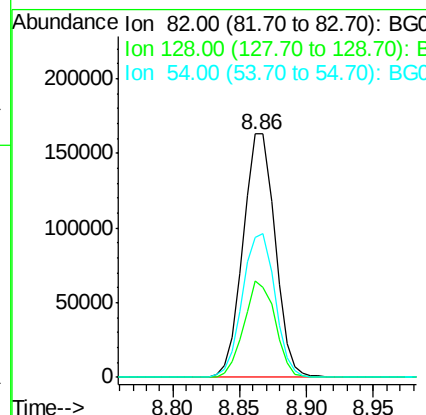
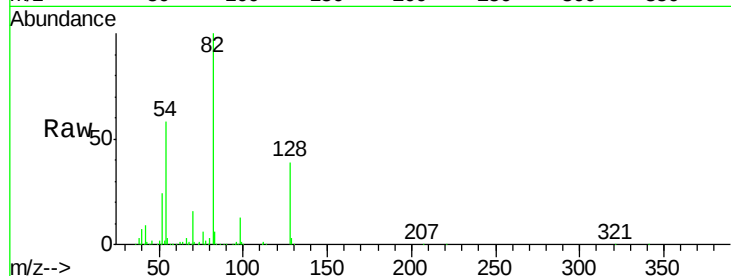




#23
 Nitrobenzene-d5
 Concen: 70.96 ng
 RT: 8.86 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BG017179.D
 Acq: 15 May 2015 17:14

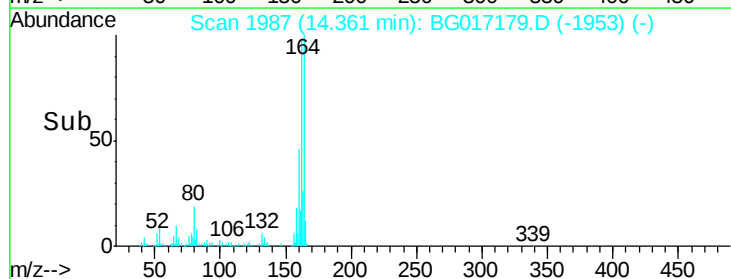
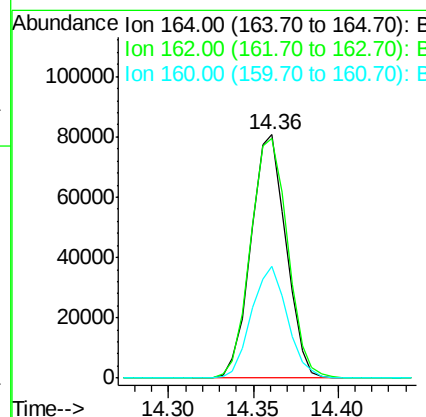
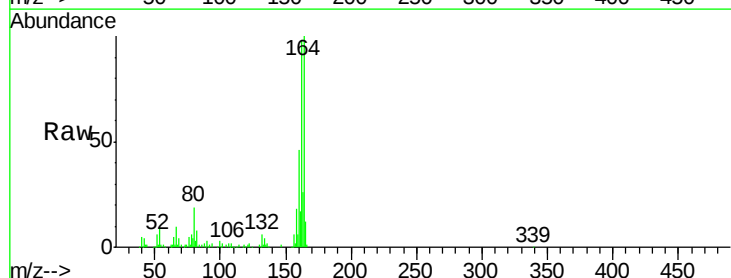
Instrument :
 BNA_G
 ClientSampleId :
 PB83418BL

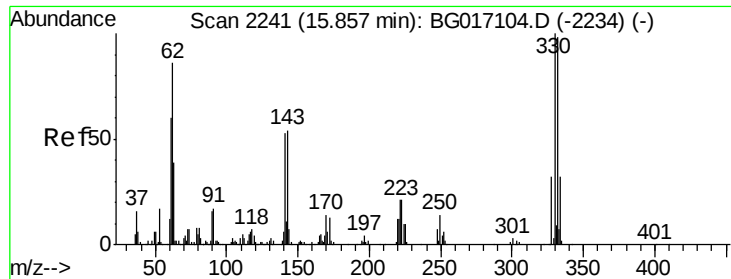
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.5	32.6	49.0
54	57.6	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.36 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG017179.D
 Acq: 15 May 2015 17:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.3	82.1	123.1
160	46.1	34.8	52.2

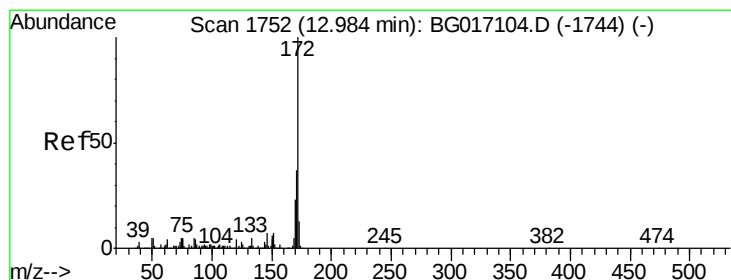
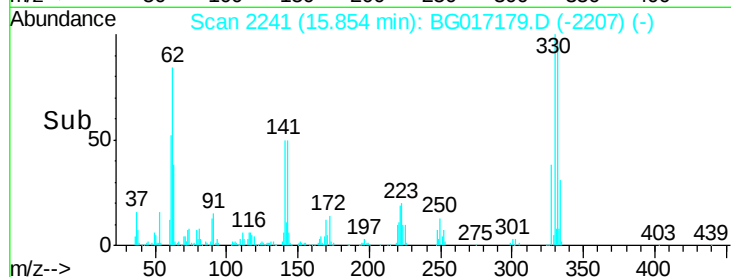
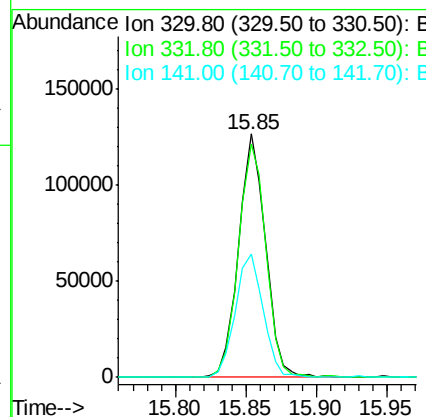
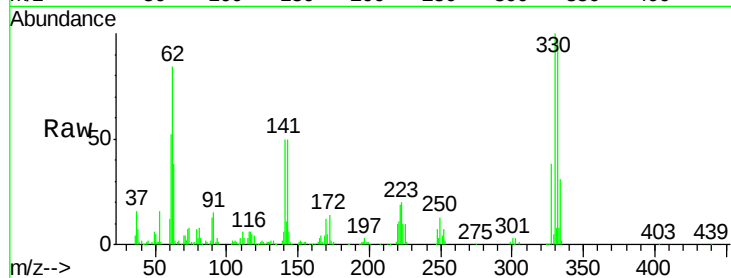




#41
 2,4,6-Tribromophenol
 Concen: 118.66 ng
 RT: 15.85 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: BG017179.D
 Acq: 15 May 2015 17:14

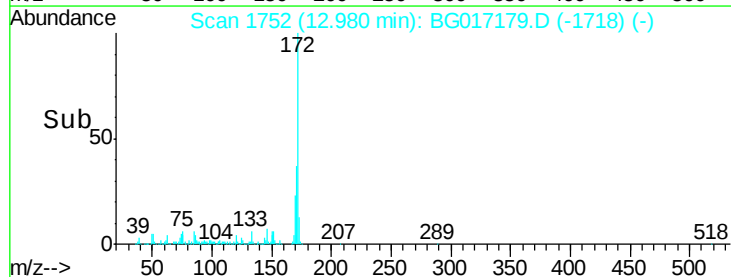
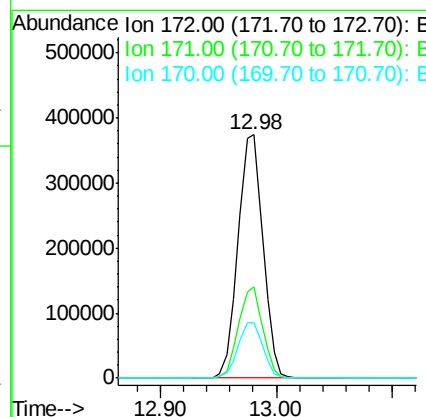
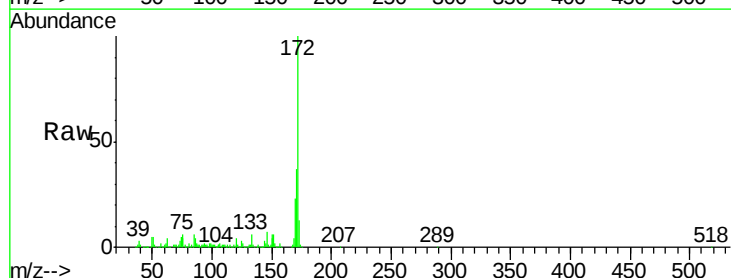
Instrument :
 BNA_G
 ClientSampleId :
 PB83418BL

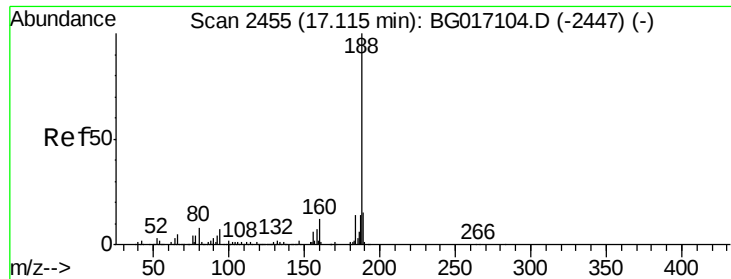
Tgt Ion:330 Resp: 167925
 Ion Ratio Lower Upper
 330 100
 332 98.2 76.9 115.3
 141 52.4 42.2 63.2



#44
 2-Fluorobiphenyl
 Concen: 70.42 ng
 RT: 12.98 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BG017179.D
 Acq: 15 May 2015 17:14

Tgt Ion:172 Resp: 561790
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.7 44.5
 170 22.5 18.4 27.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.11 min Scan# 2454

Delta R.T. -0.01 min

Lab File: BG017179.D

Acq: 15 May 2015 17:14

Instrument :

BNA_G

ClientSampleId :

PB83418BL

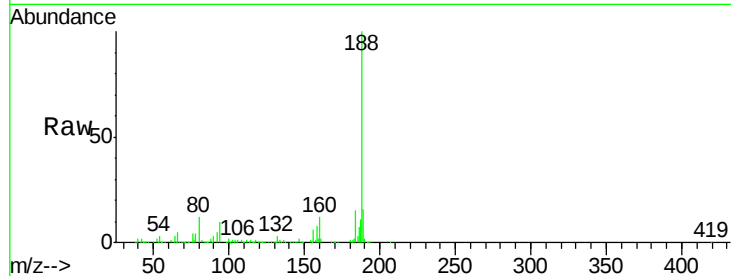
Tgt Ion:188 Resp: 289967

Ion Ratio Lower Upper

188 100

94 9.5 5.8 8.6#

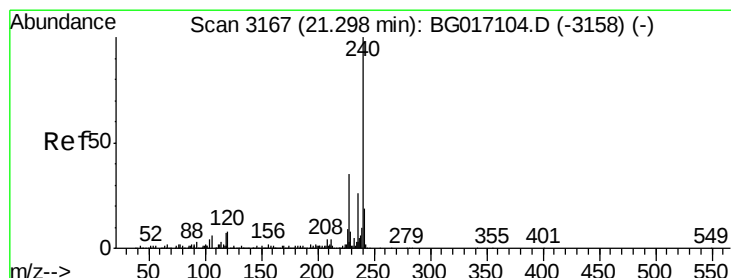
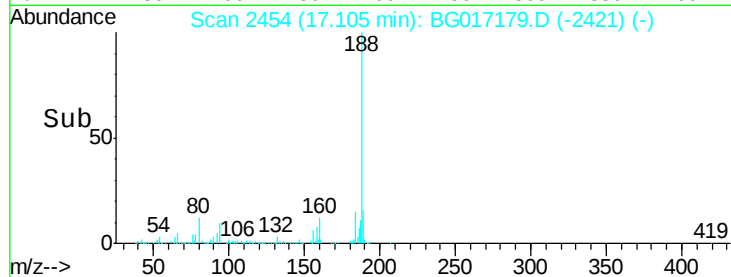
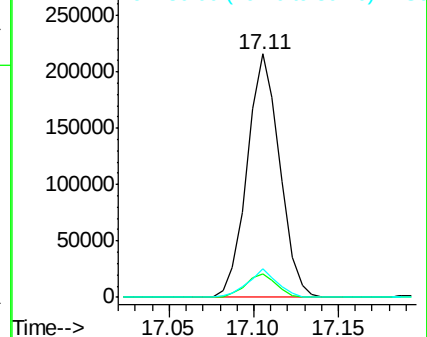
80 11.5 6.5 9.7#



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. -0.01 min

Lab File: BG017179.D

Acq: 15 May 2015 17:14

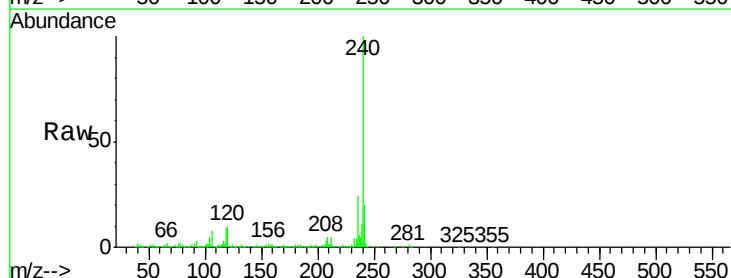
Tgt Ion:240 Resp: 326102

Ion Ratio Lower Upper

240 100

120 10.3 6.0 9.0#

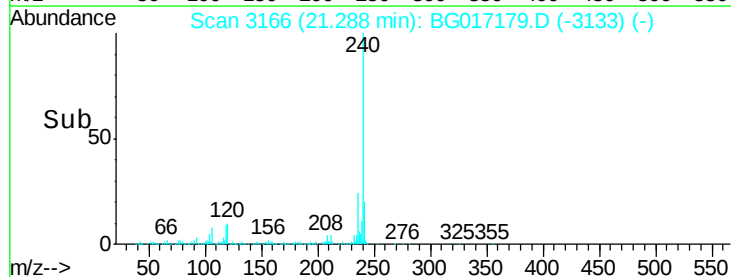
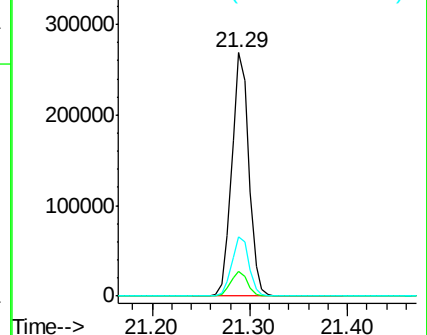
236 24.3 20.5 30.7



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: 68.21 ng

RT: 19.74 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG017179.D

Acq: 15 May 2015 17:14

Instrument :

BNA_G

ClientSampled :

PB83418BL

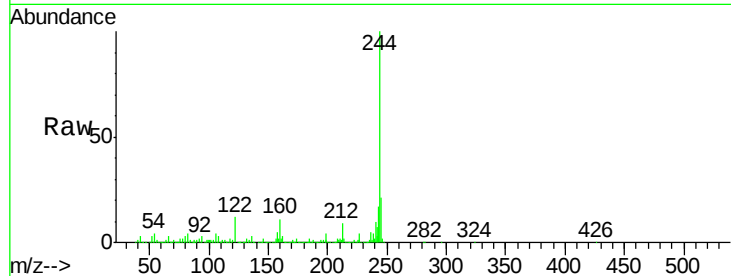
Tgt Ion:244 Resp: 1067345

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.4

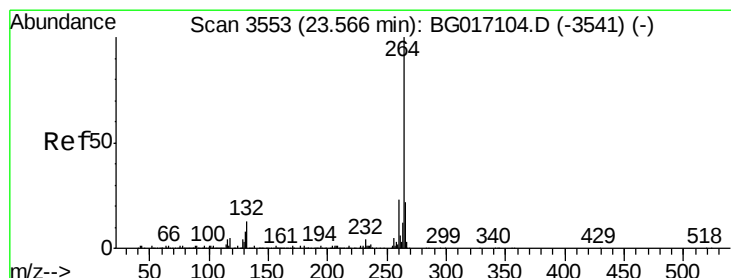
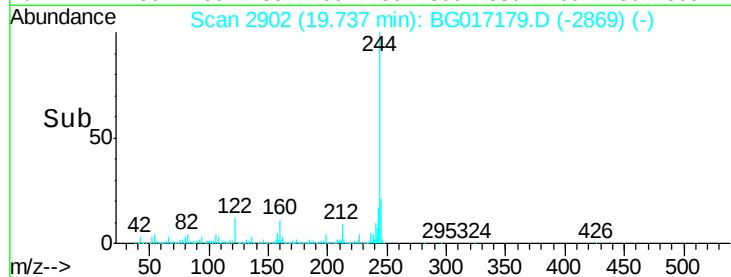
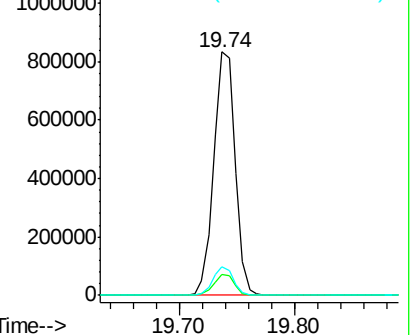
122 11.8 8.4 12.6



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: BG017179.D

Acq: 15 May 2015 17:14

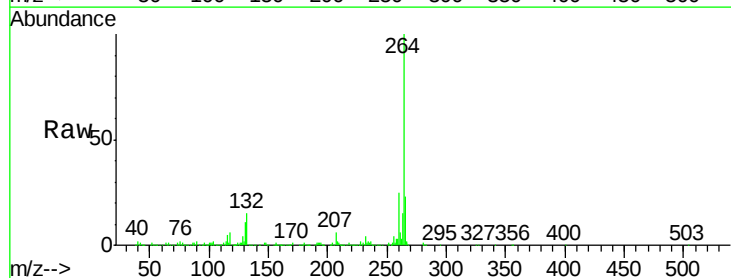
Tgt Ion:264 Resp: 316022

Ion Ratio Lower Upper

264 100

260 25.2 18.0 27.0

265 23.1 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

