

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060315\
 Data File : BG017419.D
 Acq On : 3 Jun 2015 22:45
 Operator : TP/IZ
 Sample : PB83780TB
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83780TB

Quant Time: Jun 04 01:54:47 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 04 01:31:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	19110	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	79040	20.00	ng	0.00
38) Acenaphthene-d10	14.29	164	52606	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	138971	20.00	ng	0.00
75) Chrysene-d12	21.23	240	185793	20.00	ng	0.00
86) Perylene-d12	23.47	264	179562	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	128389	118.36	ng	0.00
7) Phenol-d6	6.83	99	161594	109.35	ng	0.00
23) Nitrobenzene-d5	8.79	82	109341	69.06	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	76888	105.23	ng	0.00
44) 2-Fluorobiphenyl	12.91	172	242310	69.48	ng	0.00
78) Terphenyl-d14	19.68	244	556296	61.88	ng	0.00

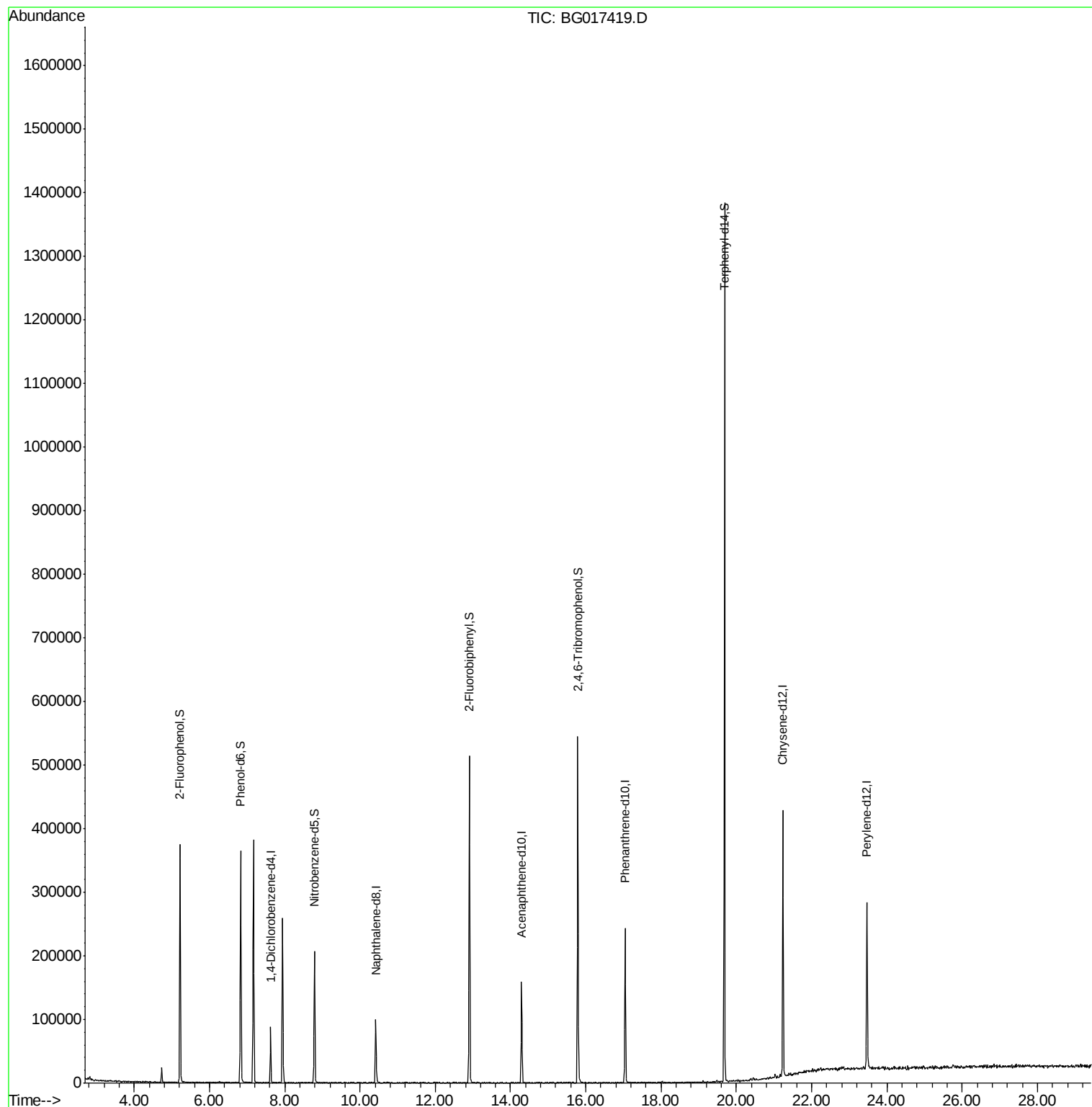
Target Compounds	Qvalue
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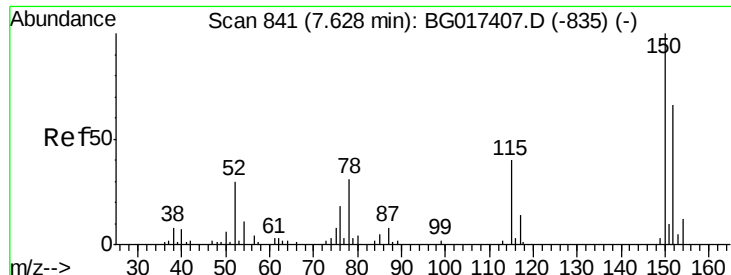
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.63 min Scan# 840

Delta R.T. -0.00 min

Lab File: BG017419.D

Acq: 3 Jun 2015 22:45

Instrument :

BNA_G

ClientSampleId :

PB83780TB

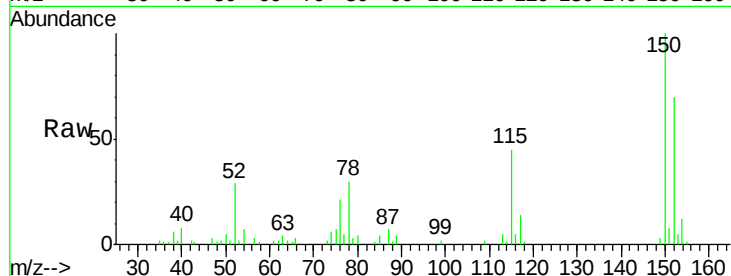
Tgt Ion:152 Resp: 19110

Ion Ratio Lower Upper

152 100

150 143.8 121.7 182.5

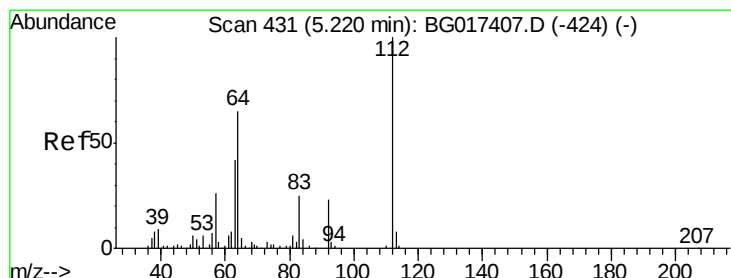
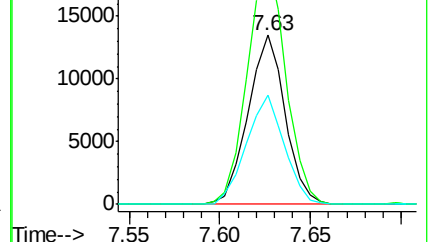
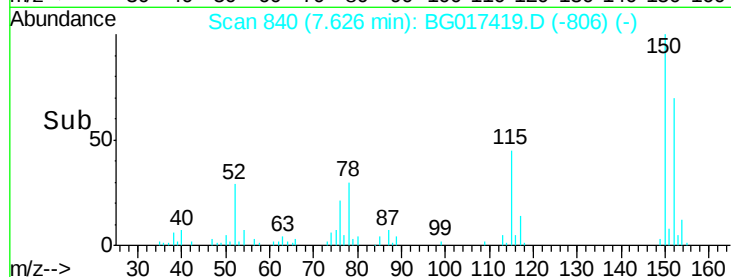
115 64.2 48.6 73.0



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: 118.36 ng

RT: 5.22 min Scan# 430

Delta R.T. -0.00 min

Lab File: BG017419.D

Acq: 3 Jun 2015 22:45

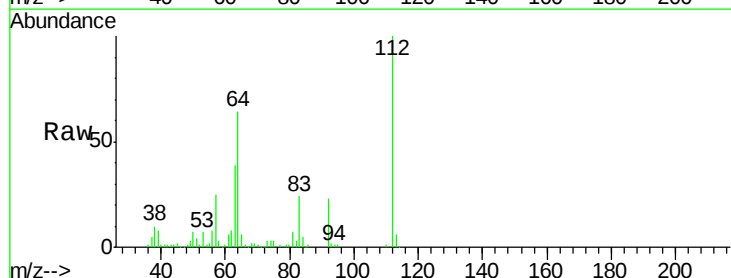
Tgt Ion:112 Resp: 128389

Ion Ratio Lower Upper

112 100

64 63.7 51.6 77.4

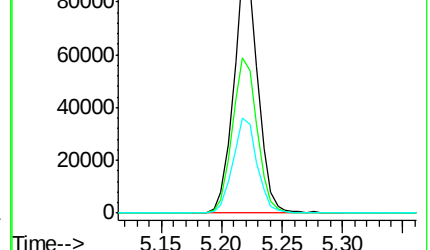
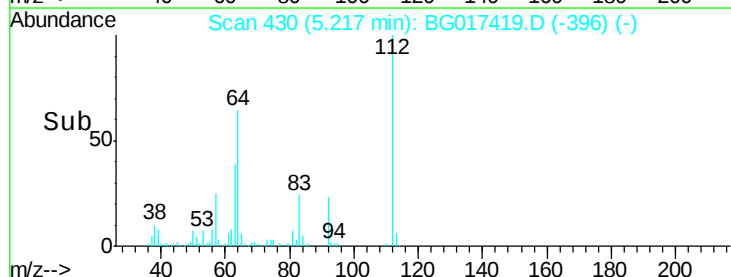
63 39.2 33.3 49.9



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: 109.35 ng

RT: 6.83 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG017419.D

Acq: 3 Jun 2015 22:45

Instrument :

BNA_G

ClientSampleId :

PB83780TB

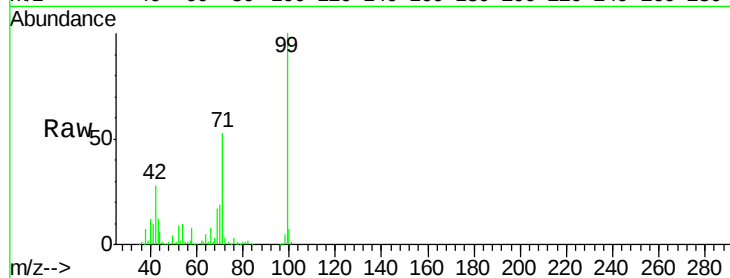
Tgt Ion: 99 Resp: 161594

Ion Ratio Lower Upper

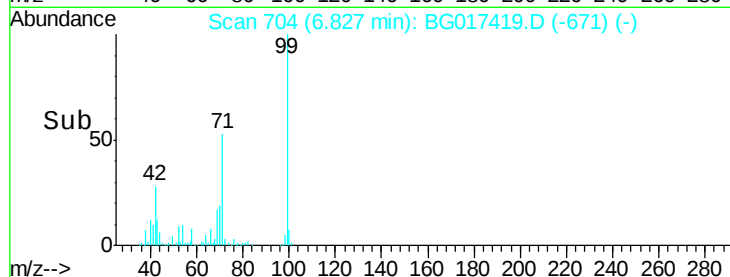
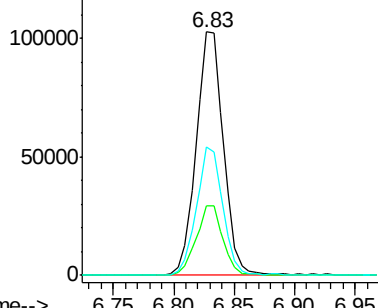
99 100

42 28.4 21.0 31.6

71 52.7 37.2 55.8



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: 10.42 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BG017419.D

Acq: 3 Jun 2015 22:45

Tgt Ion: 136 Resp: 79040

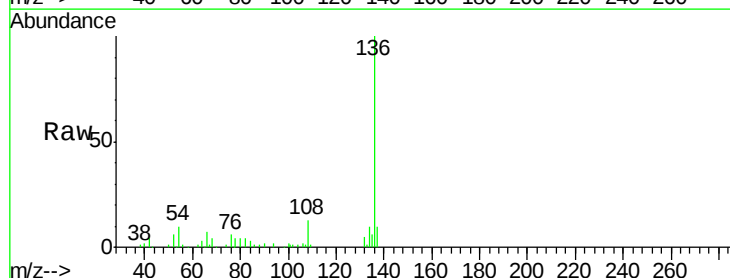
Ion Ratio Lower Upper

136 100

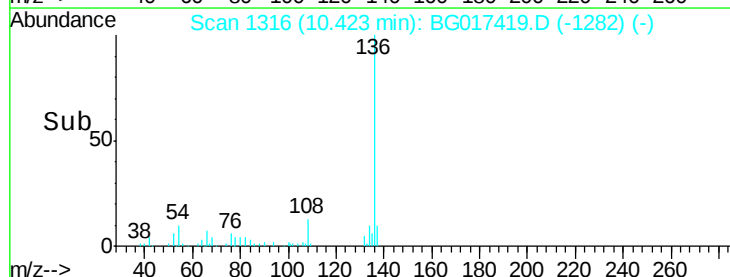
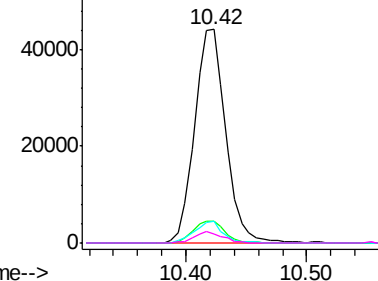
137 10.1 7.9 11.9

54 10.1 7.2 10.8

68 4.2 4.5 6.7#



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

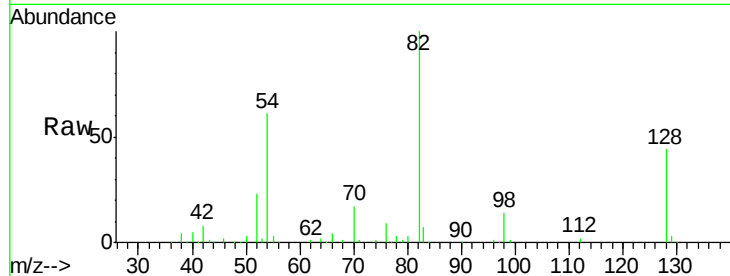




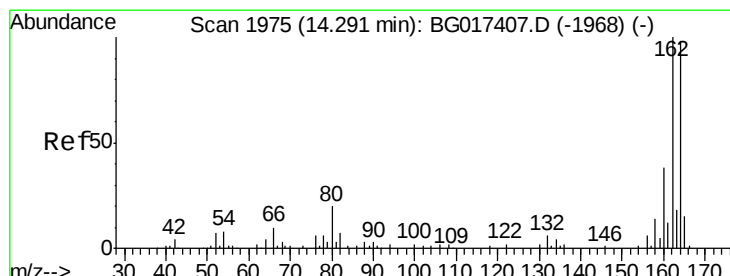
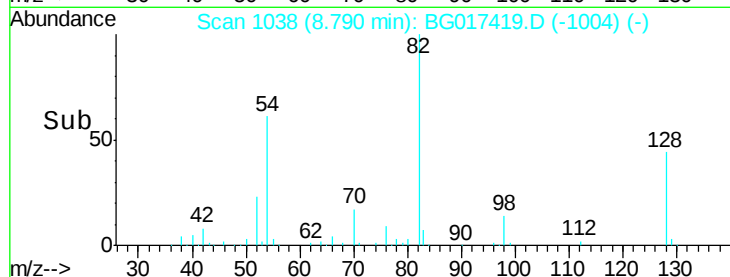
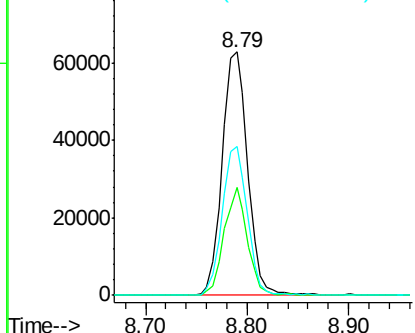
#23
 Nitrobenzene-d5
 Concen: 69.06 ng
 RT: 8.79 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG017419.D
 Acq: 3 Jun 2015 22:45

Instrument :
 BNA_G
 ClientSampleId :
 PB83780TB

Tgt Ion: 82 Resp: 109341
 Ion Ratio Lower Upper
 82 100
 128 44.3 32.2 48.4
 54 61.1 47.4 71.2

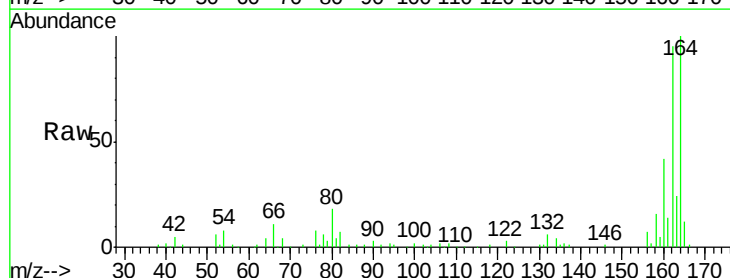


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

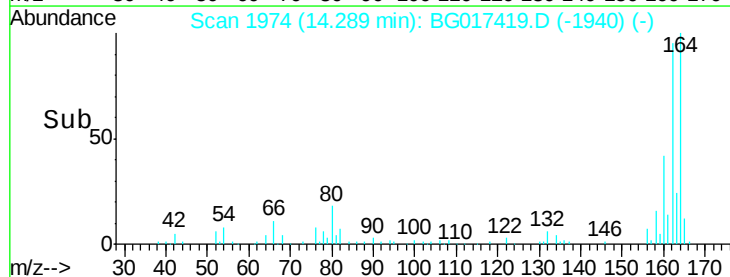
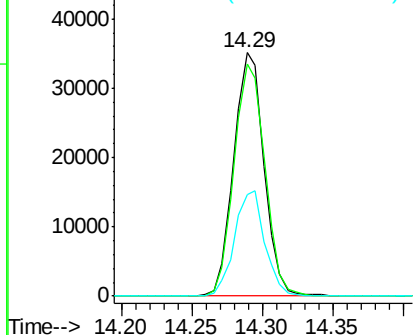


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.29 min Scan# 1974
 Delta R.T. -0.00 min
 Lab File: BG017419.D
 Acq: 3 Jun 2015 22:45

Tgt Ion: 164 Resp: 52606
 Ion Ratio Lower Upper
 164 100
 162 95.3 81.8 122.6
 160 41.5 31.0 46.4



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

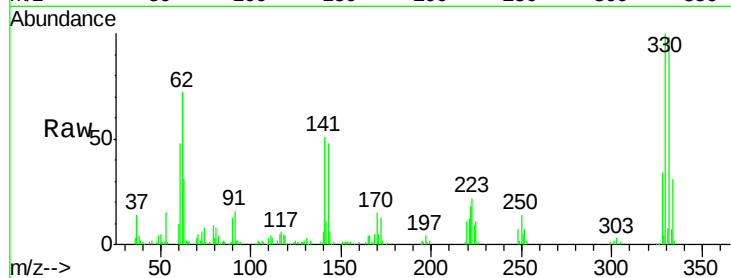




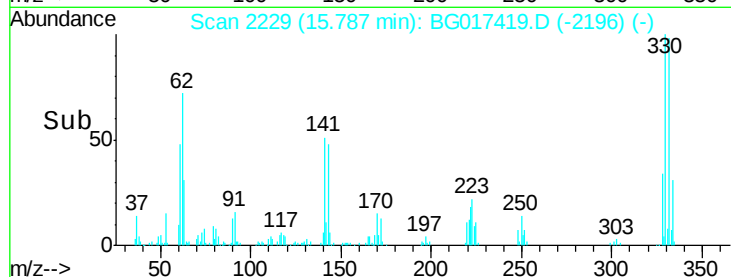
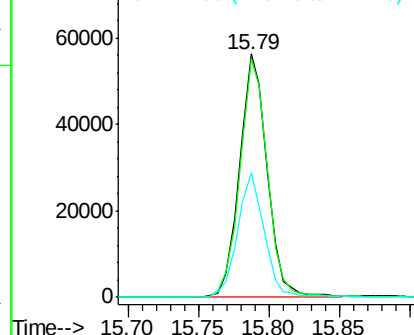
#41
 2,4,6-Tribromophenol
 Concen: 105.23 ng
 RT: 15.79 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG017419.D
 Acq: 3 Jun 2015 22:45

Instrument :
 BNA_G
 ClientSampleId :
 PB83780TB

Tgt Ion:330 Resp: 76888
 Ion Ratio Lower Upper
 330 100
 332 98.4 75.9 113.9
 141 49.6 40.2 60.4

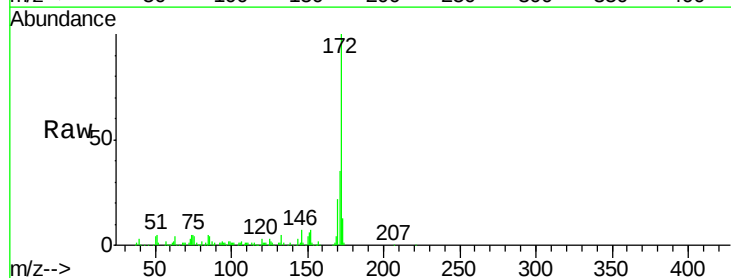


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

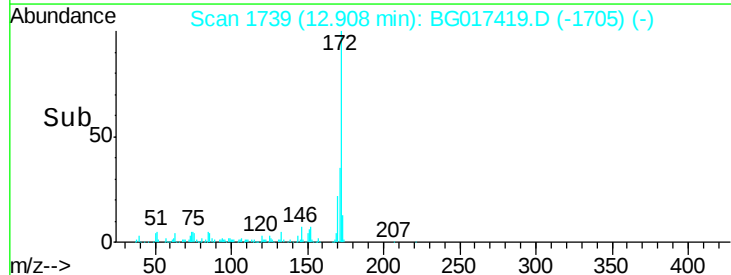
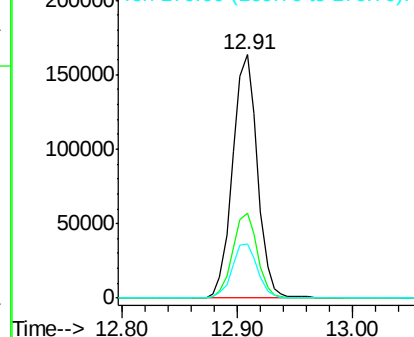


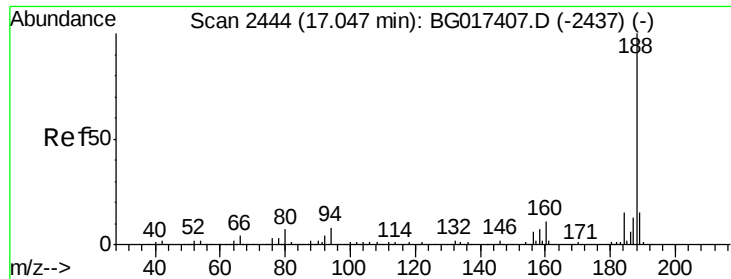
#44
 2-Fluorobiphenyl
 Concen: 69.48 ng
 RT: 12.91 min Scan# 1739
 Delta R.T. -0.00 min
 Lab File: BG017419.D
 Acq: 3 Jun 2015 22:45

Tgt Ion:172 Resp: 242310
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.0 43.6
 170 22.5 18.9 28.3



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

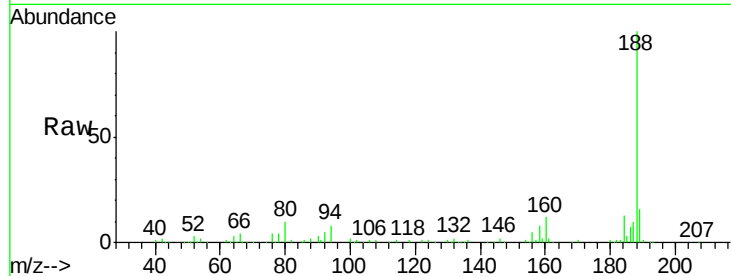




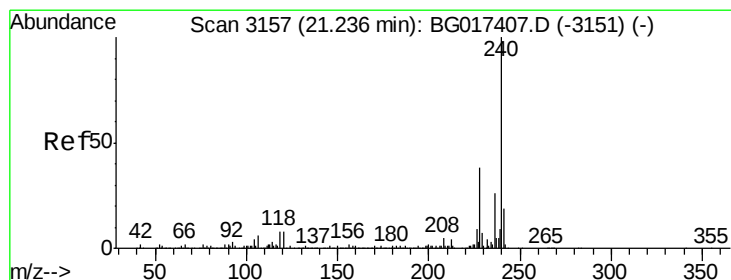
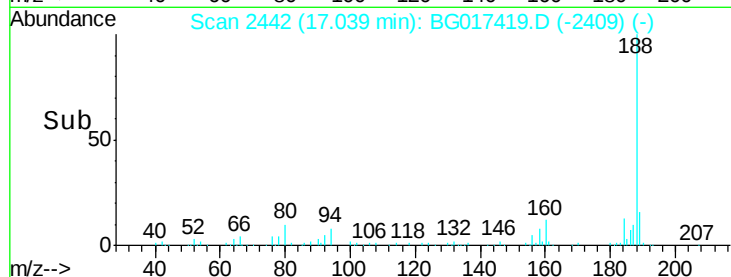
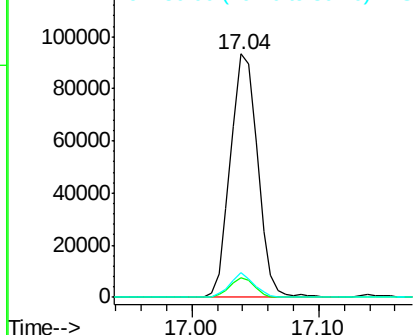
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.04 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG017419.D
Acq: 3 Jun 2015 22:45

Instrument :
BNA_G
ClientSampleId :
PB83780TB

Tgt Ion:188 Resp: 138971
Ion Ratio Lower Upper
188 100
94 8.0 6.3 9.5
80 10.1 5.2 7.8#

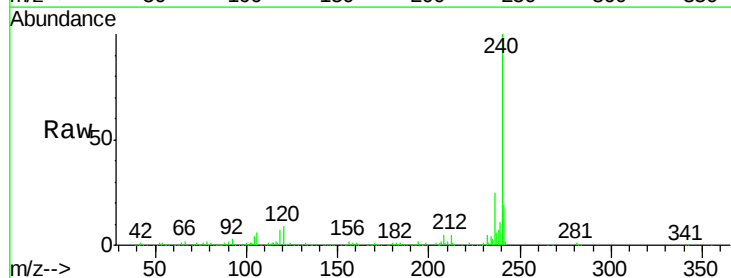


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

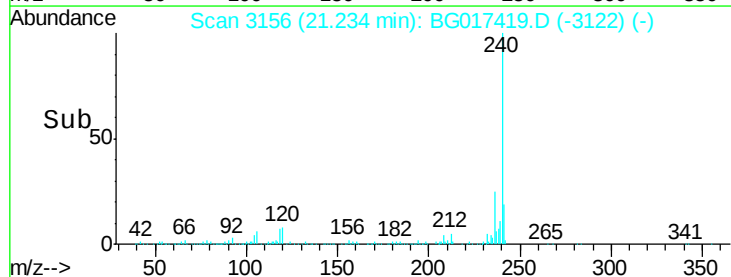
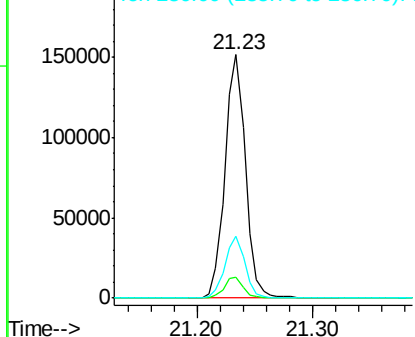


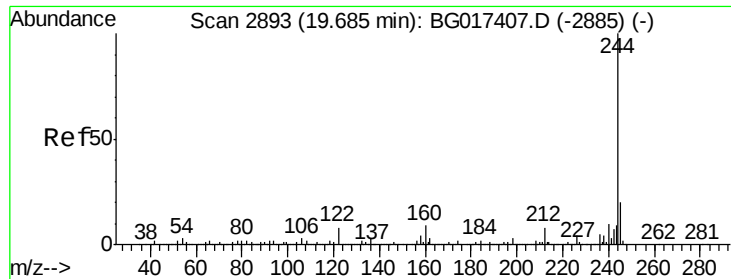
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.23 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG017419.D
Acq: 3 Jun 2015 22:45

Tgt Ion:240 Resp: 185793
Ion Ratio Lower Upper
240 100
120 8.6 6.5 9.7
236 25.4 20.8 31.2



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: 61.88 ng

RT: 19.68 min Scan# 2892

Delta R.T. -0.00 min

Lab File: BG017419.D

Acq: 3 Jun 2015 22:45

Instrument :

BNA_G

ClientSampleId :

PB83780TB

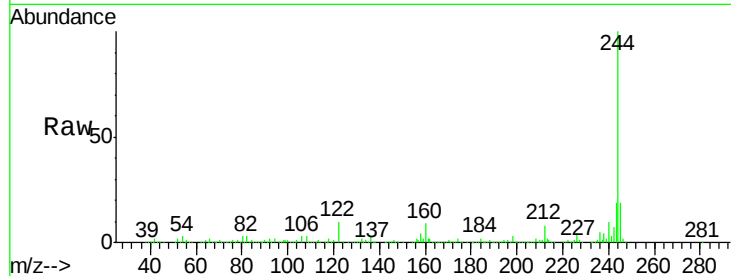
Tgt Ion:244 Resp: 556296

Ion Ratio Lower Upper

244 100

212 8.3 6.4 9.6

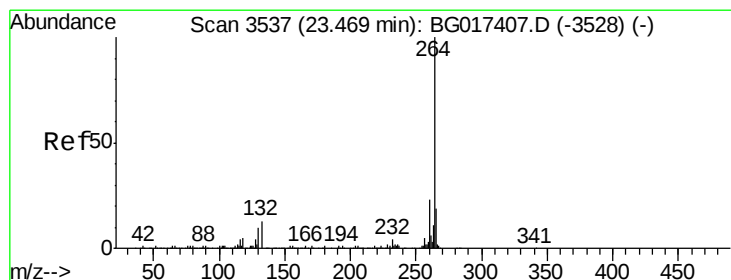
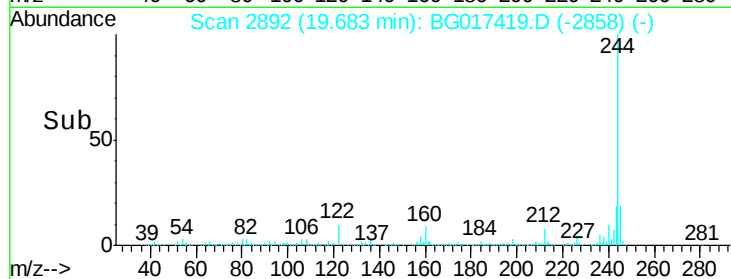
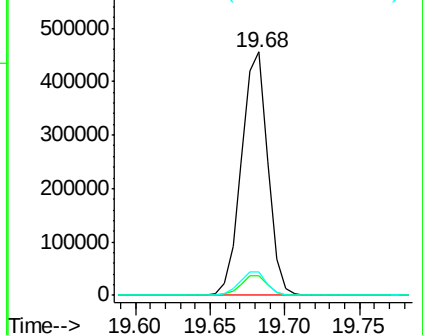
122 9.5 6.6 10.0



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: 23.47 min Scan# 3536

Delta R.T. -0.00 min

Lab File: BG017419.D

Acq: 3 Jun 2015 22:45

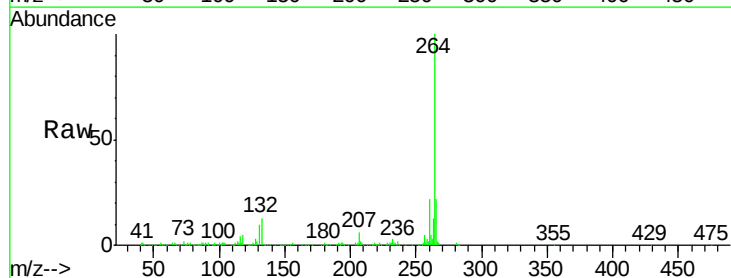
Tgt Ion:264 Resp: 179562

Ion Ratio Lower Upper

264 100

260 21.8 18.2 27.4

265 21.8 15.8 23.6



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

