

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
 Data File : BG016538.D
 Acq On : 19 Apr 2015 1:27
 Operator : TP/IZ
 Sample : G1868-05
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P5-28(5-10)

Quant Time: Apr 20 04:13:21 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 03:57:28 2015
 Response via : Initial Calibration

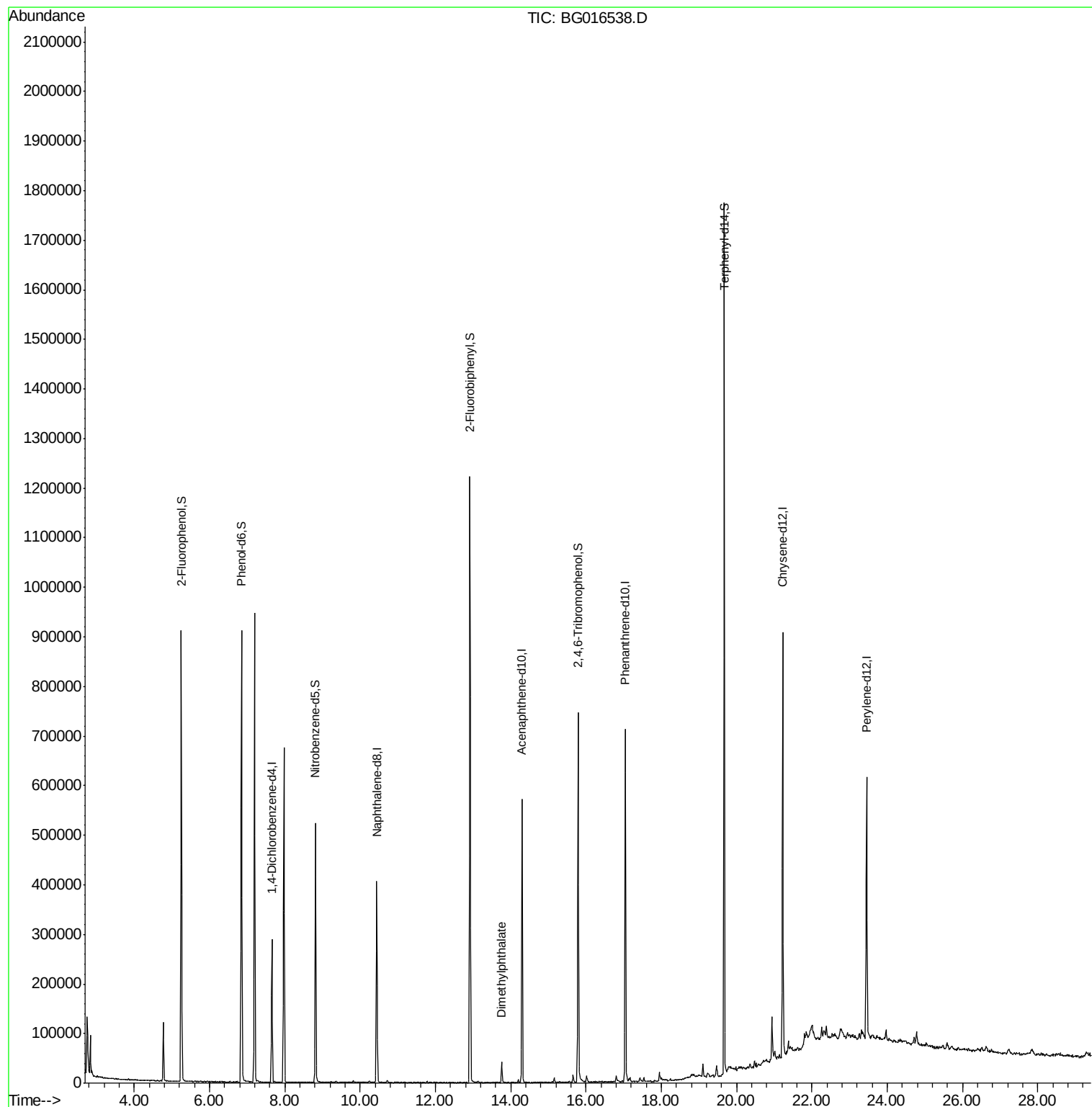
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	79684	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	343396	20.00	ng	0.00
38) Acenaphthene-d10	14.30	164	191837	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	386731	20.00	ng	0.00
75) Chrysene-d12	21.23	240	331837	20.00	ng	0.00
86) Perylene-d12	23.46	264	314222	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	430178	85.20	ng	0.00
7) Phenol-d6	6.85	99	602595	79.50	ng	0.00
23) Nitrobenzene-d5	8.82	82	310222	52.33	ng	0.00
41) 2,4,6-Tribromophenol	15.80	330	106276	81.92	ng	0.00
44) 2-Fluorobiphenyl	12.92	172	631029	56.01	ng	0.00
78) Terphenyl-d14	19.67	244	651753	45.97	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.76	163	31756	2.26	ng	Qvalue 99

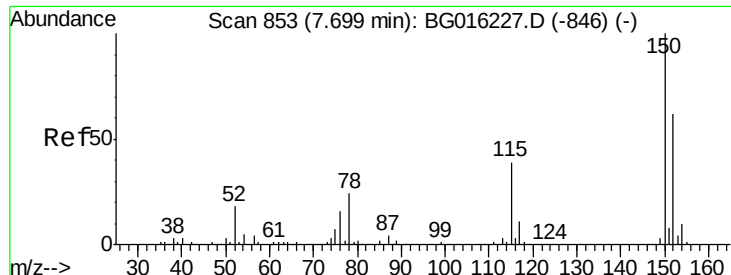
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.66 min Scan# 846

Delta R.T. 0.00 min

Lab File: BG016538.D

Acq: 19 Apr 2015 1:27

Instrument :

BNA_G

ClientSampleId :

P5-28(5-10)

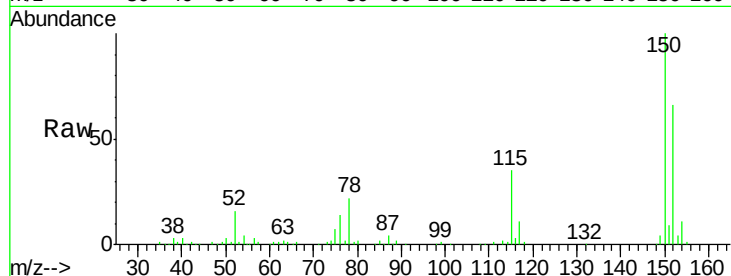
Tgt Ion:152 Resp: 79684

Ion Ratio Lower Upper

152 100

150 150.9 130.1 195.1

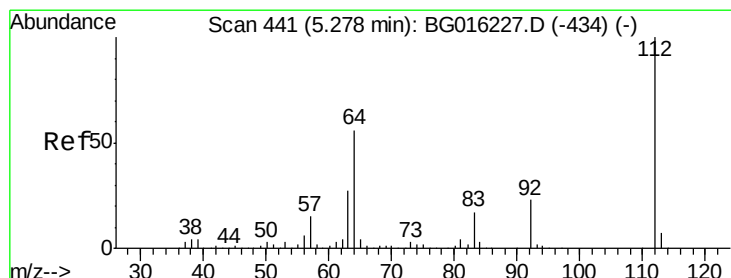
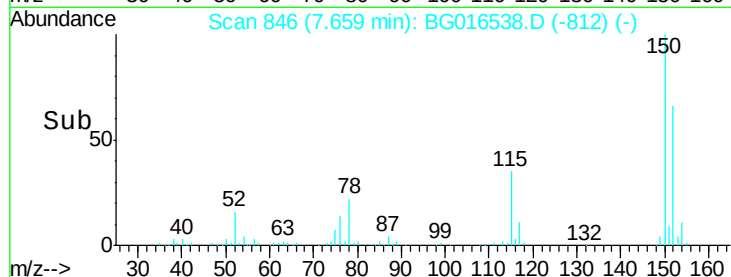
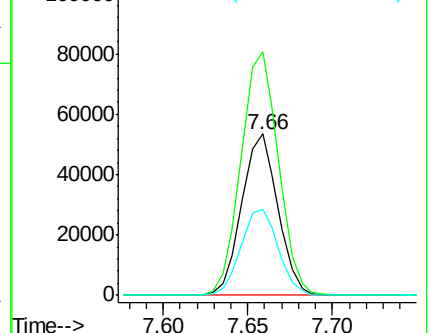
115 53.3 50.5 75.7



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: 85.20 ng

RT: 5.25 min Scan# 436

Delta R.T. 0.00 min

Lab File: BG016538.D

Acq: 19 Apr 2015 1:27

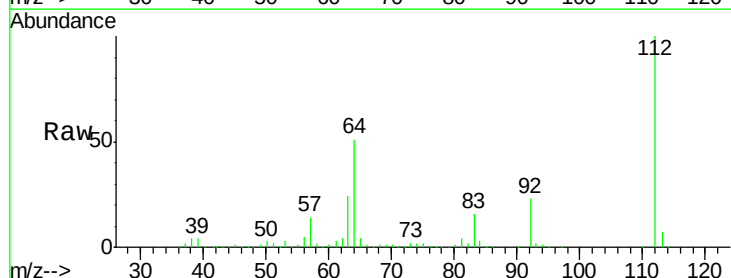
Tgt Ion:112 Resp: 430178

Ion Ratio Lower Upper

112 100

64 51.1 44.5 66.7

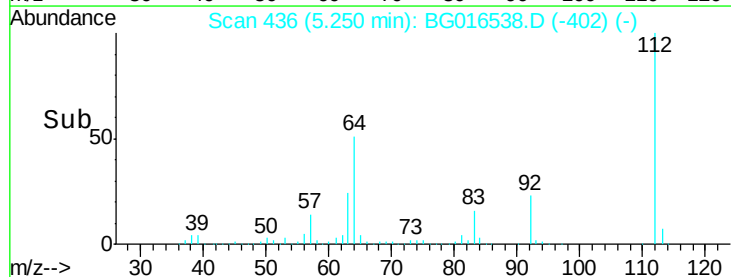
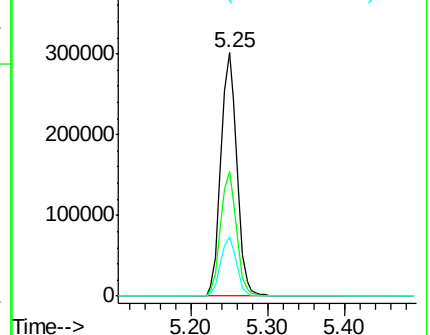
63 24.3 21.4 32.0

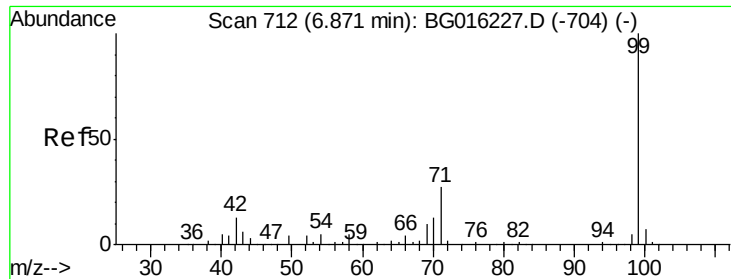


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 79.50 ng

RT: 6.85 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG016538.D

Acq: 19 Apr 2015 1:27

Instrument :

BNA_G

ClientSampleId :

P5-28(5-10)

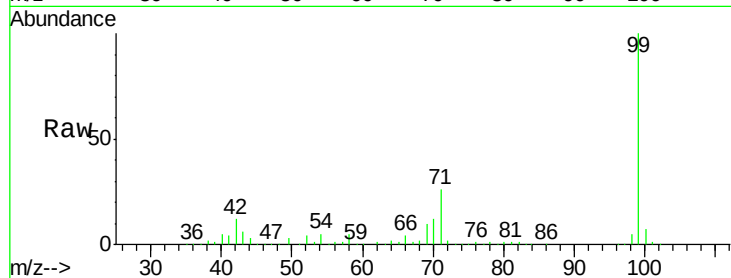
Tgt Ion: 99 Resp: 602595

Ion Ratio Lower Upper

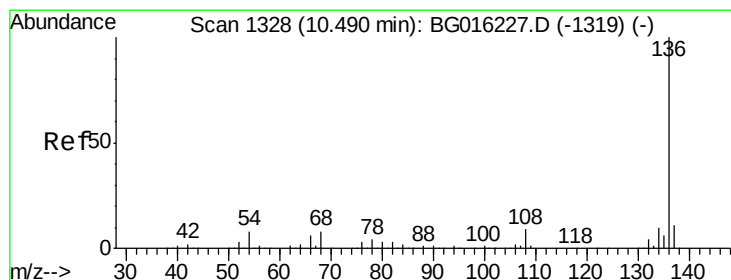
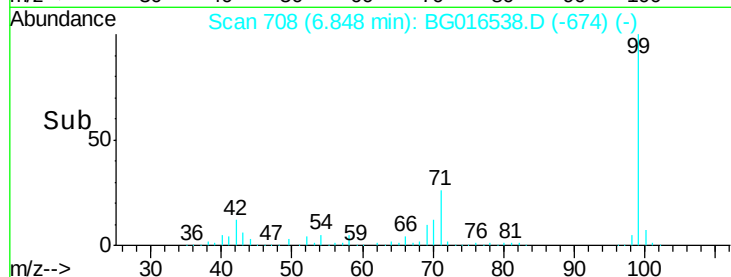
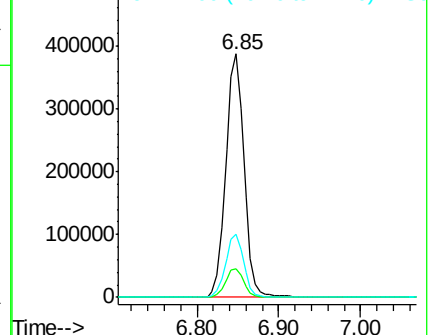
99 100

42 11.9 10.0 15.0

71 26.2 21.5 32.3



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: 10.44 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BG016538.D

Acq: 19 Apr 2015 1:27

Tgt Ion: 136 Resp: 343396

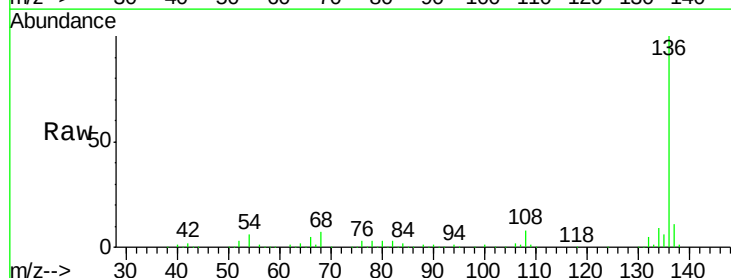
Ion Ratio Lower Upper

136 100

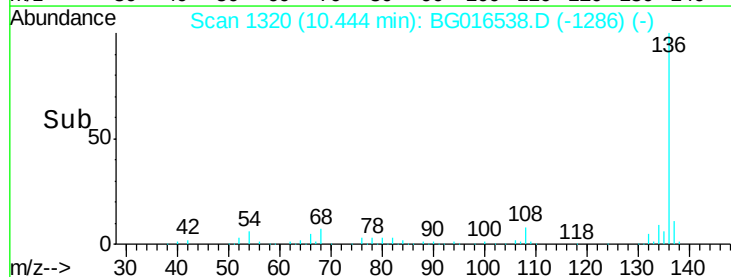
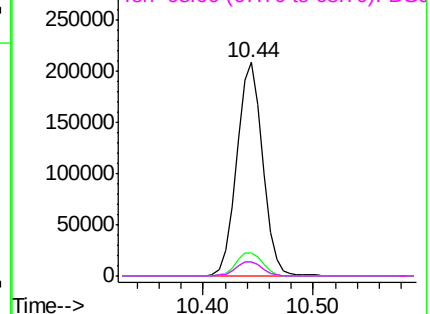
137 10.9 8.7 13.1

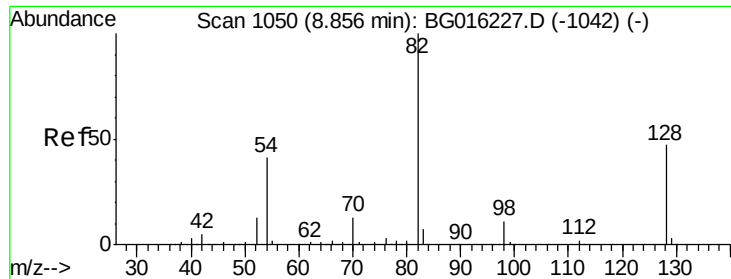
54 6.4 6.3 9.5

68 6.8 6.5 9.7



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

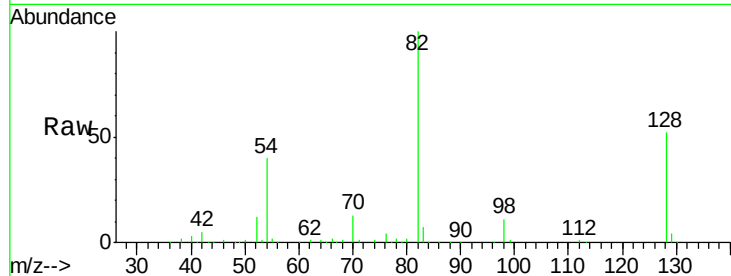




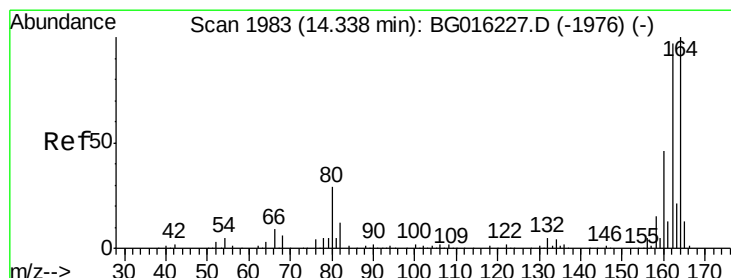
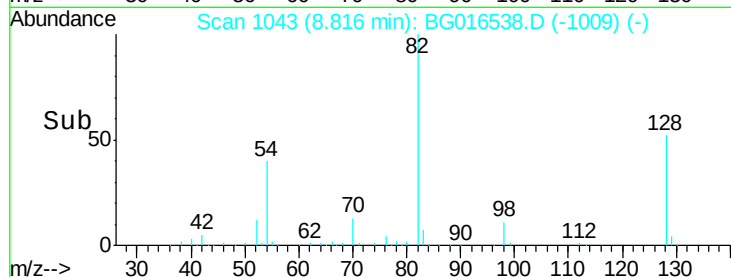
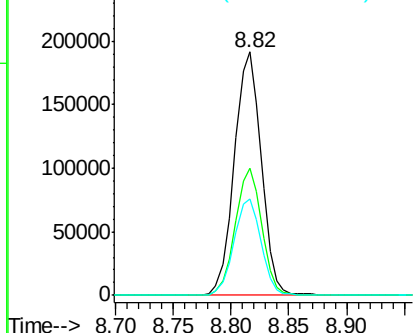
#23
 Nitrobenzene-d5
 Concen: 52.33 ng
 RT: 8.82 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG016538.D
 Acq: 19 Apr 2015 1:27

Instrument :
 BNA_G
 ClientSampled :
 P5-28(5-10)

Tgt Ion: 82 Resp: 310222
 Ion Ratio Lower Upper
 82 100
 128 52.5 37.8 56.8
 54 39.8 32.6 49.0

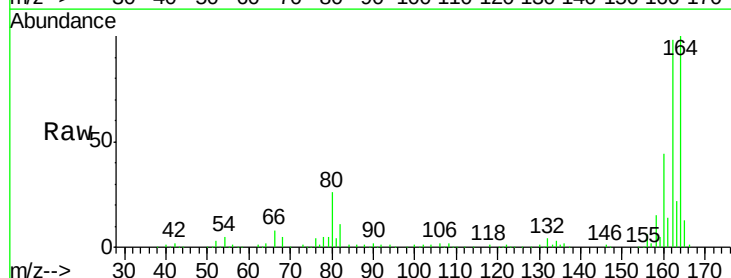


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

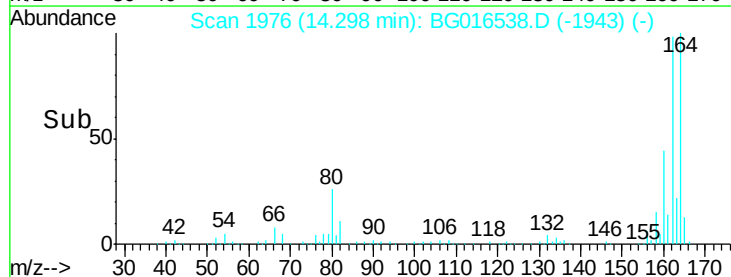
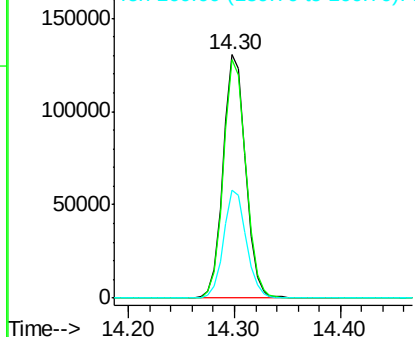


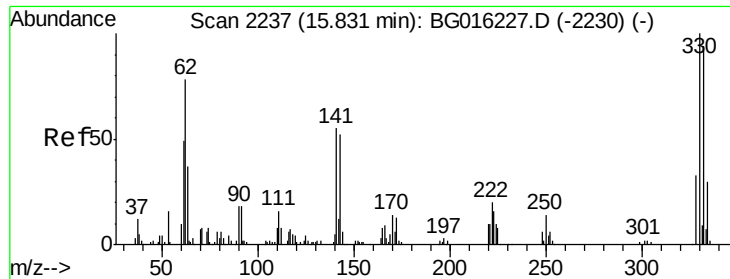
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.30 min Scan# 1976
 Delta R.T. -0.01 min
 Lab File: BG016538.D
 Acq: 19 Apr 2015 1:27

Tgt Ion: 164 Resp: 191837
 Ion Ratio Lower Upper
 164 100
 162 97.9 77.3 115.9
 160 44.4 36.7 55.1



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

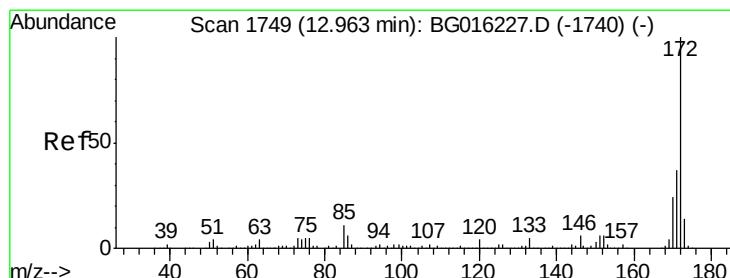
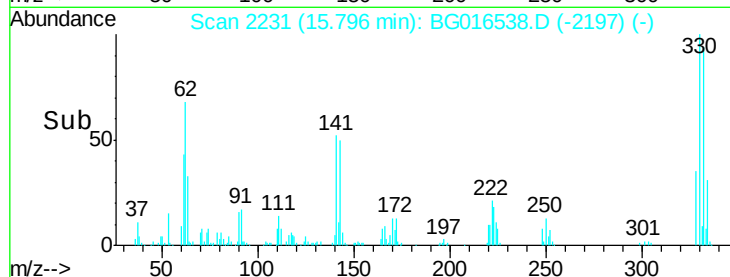
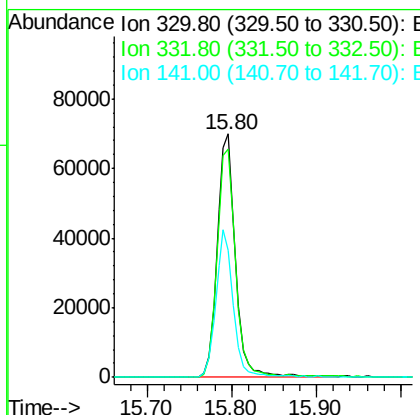
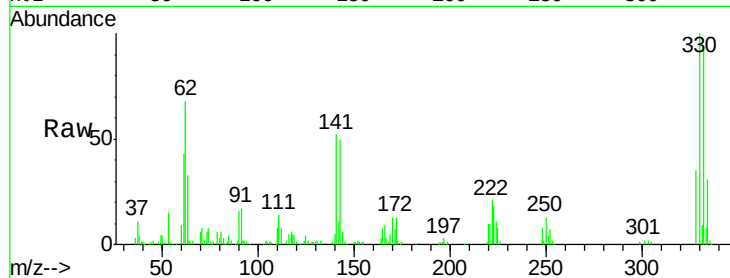




#41
 2,4,6-Tribromophenol
 Concen: 81.92 ng
 RT: 15.80 min Scan# 2231
 Delta R.T. 0.00 min
 Lab File: BG016538.D
 Acq: 19 Apr 2015 1:27

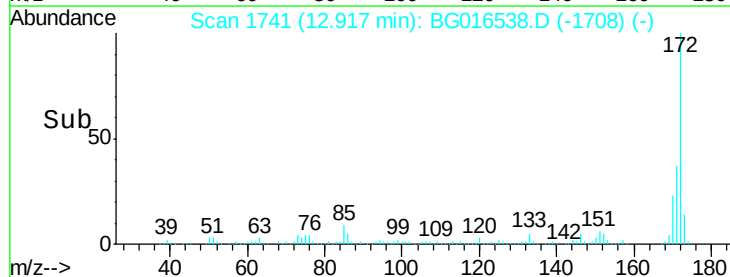
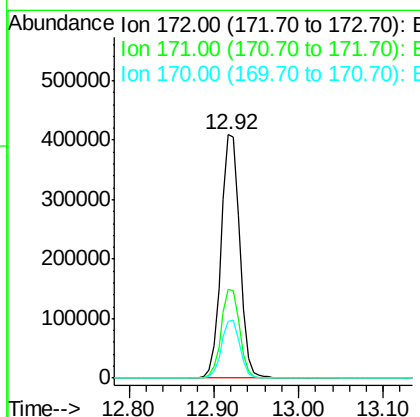
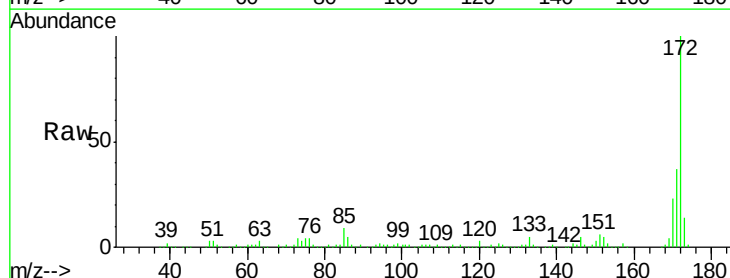
Instrument :
 BNA_G
 ClientSampleId :
 P5-28(5-10)

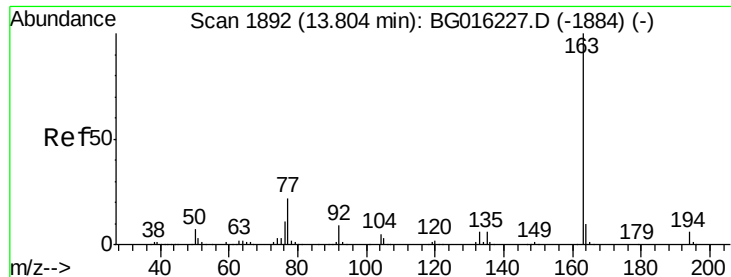
Tgt Ion:330 Resp: 106276
 Ion Ratio Lower Upper
 330 100
 332 96.1 75.8 113.6
 141 58.0 46.6 69.8



#44
 2-Fluorobiphenyl
 Concen: 56.01 ng
 RT: 12.92 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG016538.D
 Acq: 19 Apr 2015 1:27

Tgt Ion:172 Resp: 631029
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 23.4 19.4 29.2





#49

Dimethylphthalate

Concen: 2.26 ng

RT: 13.76 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BG016538.D

Acq: 19 Apr 2015 1:27

Instrument :

BNA_G

ClientSampleId :

P5-28(5-10)

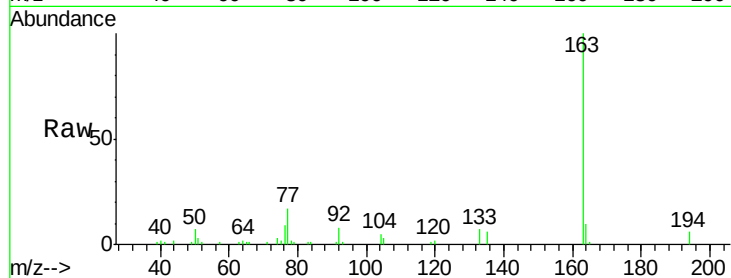
Tgt Ion:163 Resp: 31756

Ion Ratio Lower Upper

163 100

194 5.8 5.0 7.4

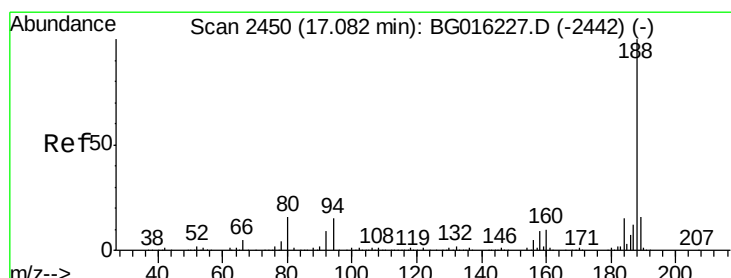
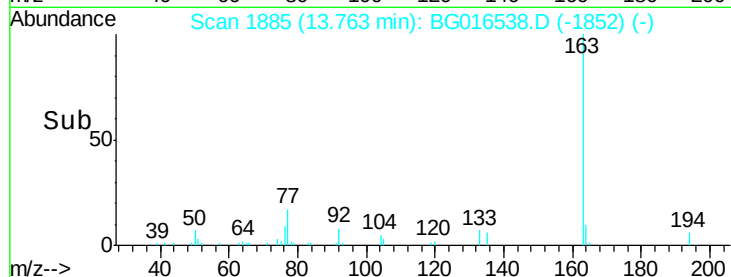
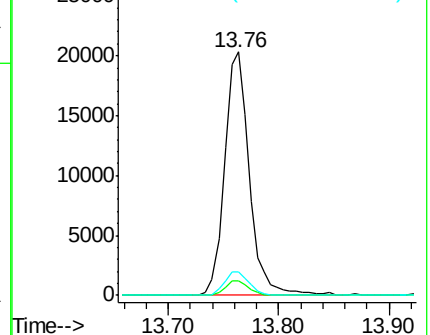
164 9.8 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.04 min Scan# 2443

Delta R.T. -0.01 min

Lab File: BG016538.D

Acq: 19 Apr 2015 1:27

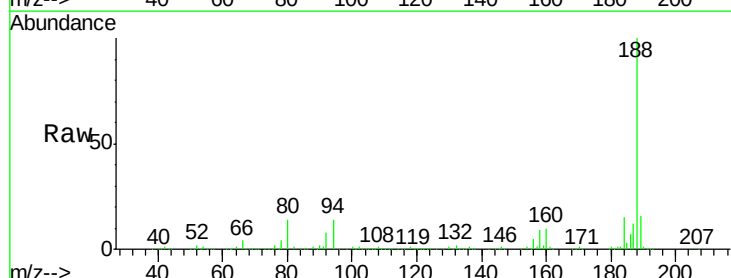
Tgt Ion:188 Resp: 386731

Ion Ratio Lower Upper

188 100

94 14.0 12.2 18.4

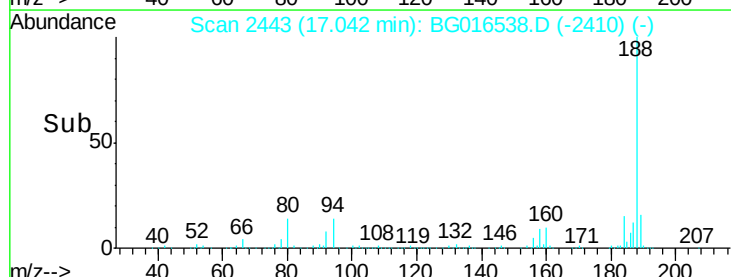
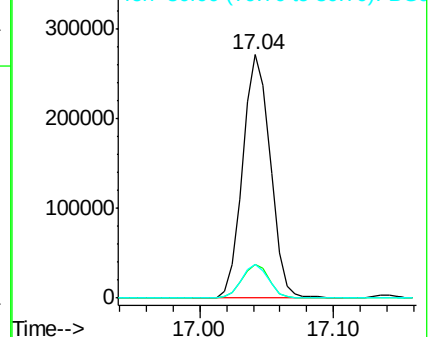
80 14.0 12.8 19.2

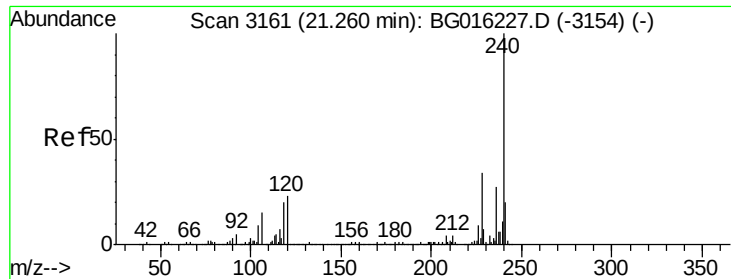


Abundance Ion 188.00 (187.70 to 188.70): E

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# 3155

Delta R.T. -0.01 min

Lab File: BG016538.D

Acq: 19 Apr 2015 1:27

Instrument :

BNA_G

ClientSampleId :

P5-28(5-10)

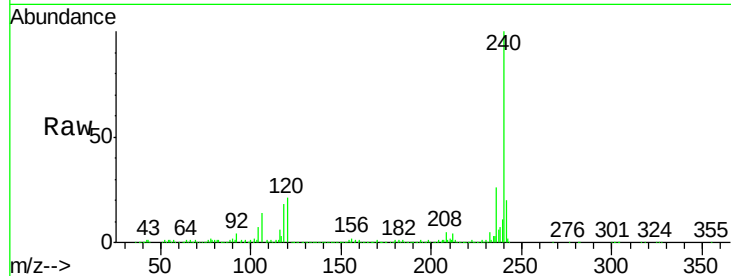
Tgt Ion:240 Resp: 331837

Ion Ratio Lower Upper

240 100

120 20.8 18.6 28.0

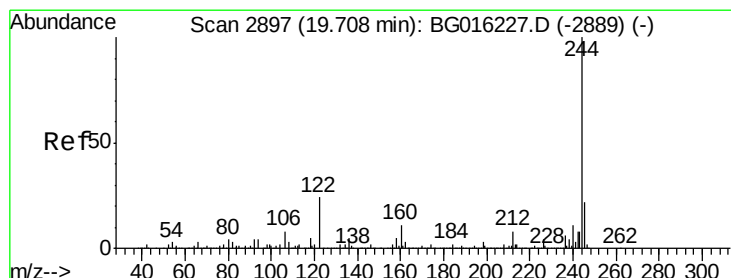
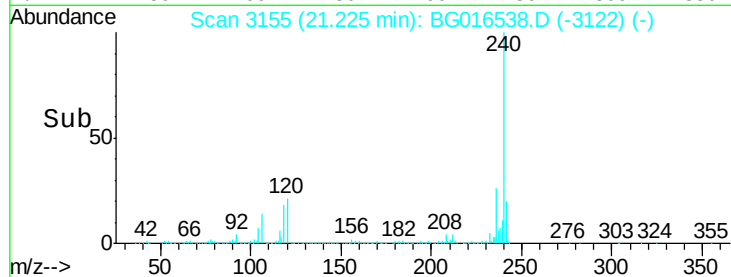
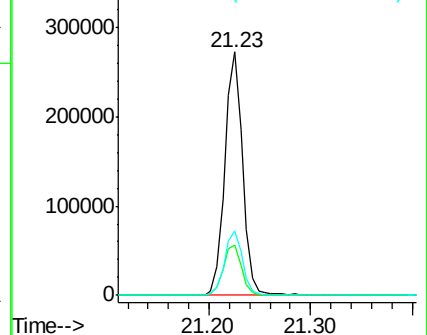
236 26.3 21.7 32.5



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: 45.97 ng

RT: 19.67 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG016538.D

Acq: 19 Apr 2015 1:27

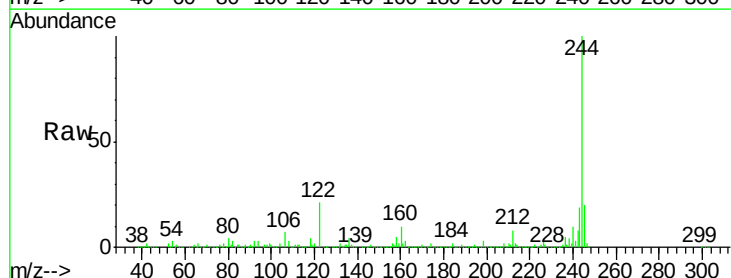
Tgt Ion:244 Resp: 651753

Ion Ratio Lower Upper

244 100

212 7.9 6.6 9.8

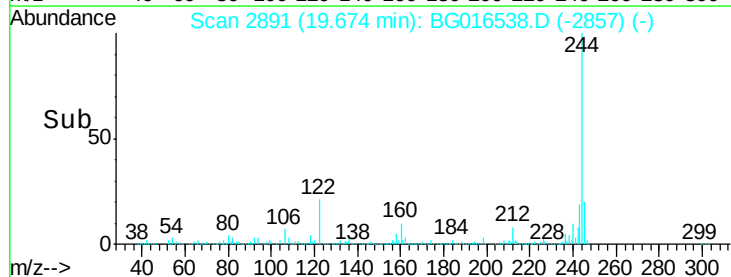
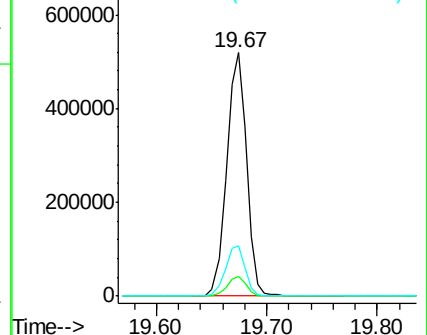
122 20.6 19.1 28.7

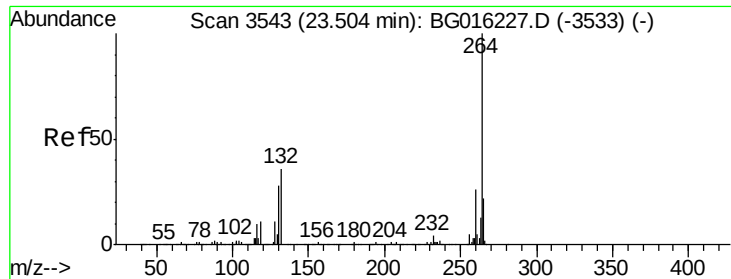


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.46 min Scan# 3535

Delta R.T. 0.00 min

Lab File: BG016538.D

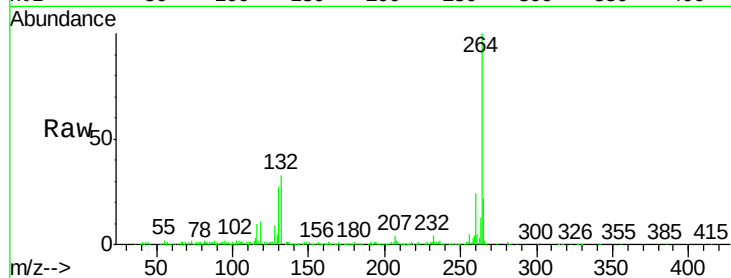
Acq: 19 Apr 2015 1:27

Instrument :

BNA_G

ClientSampleId :

P5-28(5-10)



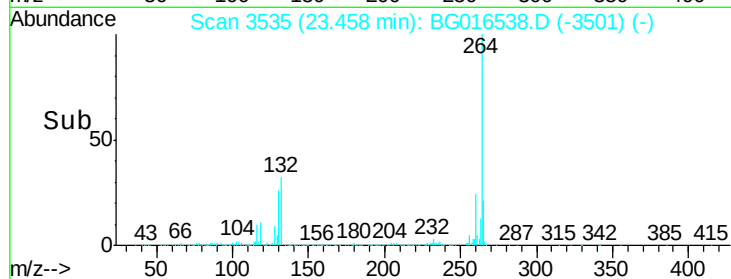
Tgt Ion: 264 Resp: 314222

Ion Ratio Lower Upper

264 100

260 23.8 20.4 30.6

265 21.6 17.2 25.8



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

200000

150000

100000

50000

0

23.46

23.40 23.50 23.60

Time-->