

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040915\
 Data File : BG016317.D
 Acq On : 10 Apr 2015 8:22
 Operator : TP/IZ
 Sample : G1805-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-37

Quant Time: Apr 10 15:21:47 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 07 04:17:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	72092	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	352753	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	224642	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	411871	20.00	ng	0.00
75) Chrysene-d12	21.25	240	343014	20.00	ng	0.00
86) Perylene-d12	23.50	264	316244	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	261780	57.31	ng	0.00
7) Phenol-d6	6.88	99	265798	38.76	ng	0.01
23) Nitrobenzene-d5	8.86	82	513444	84.32	ng	0.00
41) 2,4,6-Tribromophenol	15.84	330	213443	140.49	ng	0.00
44) 2-Fluorobiphenyl	12.96	172	1135937	86.09	ng	0.00
78) Terphenyl-d14	19.71	244	1060179	72.34	ng	0.00

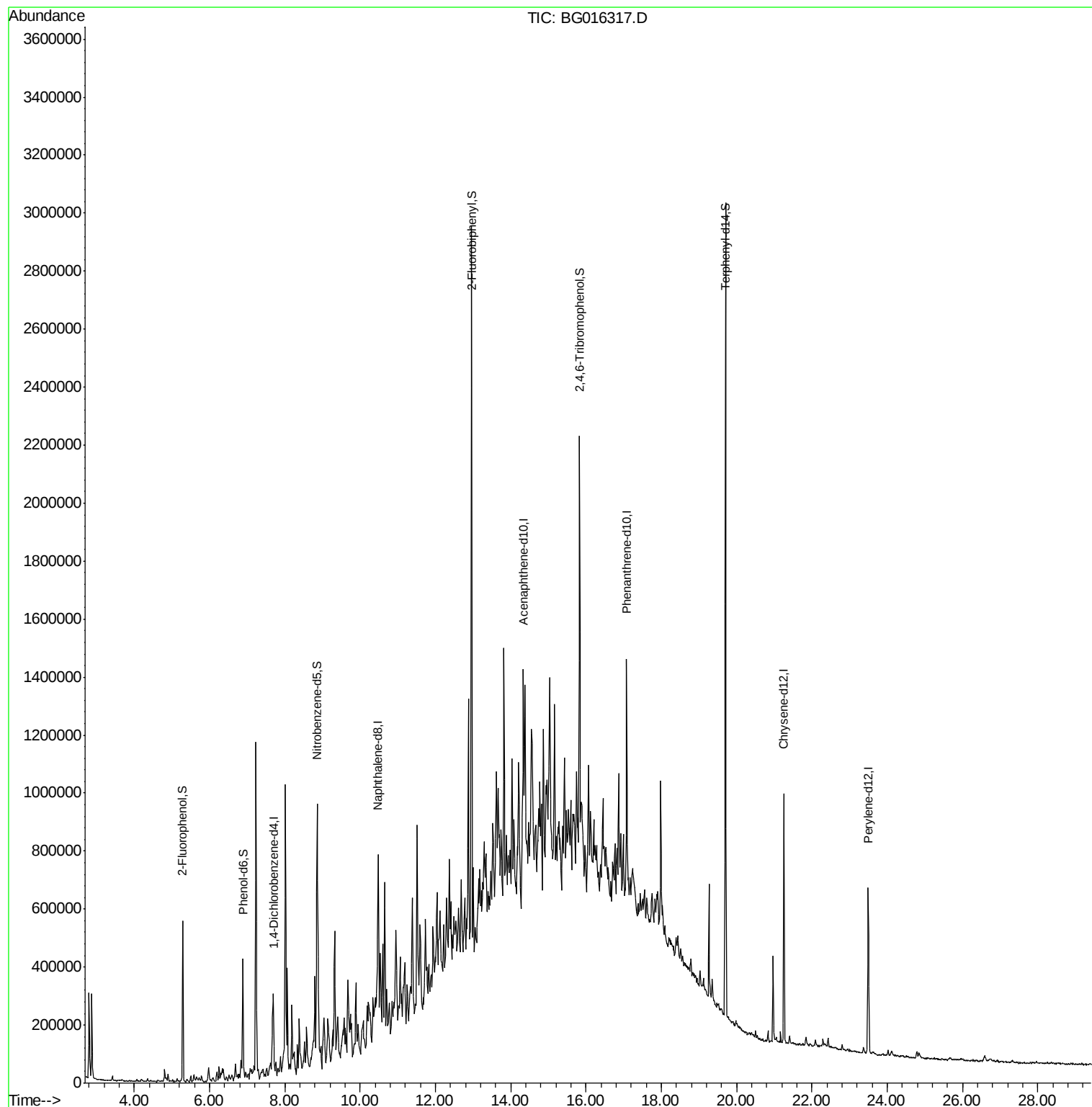
Target Compounds Qvalue

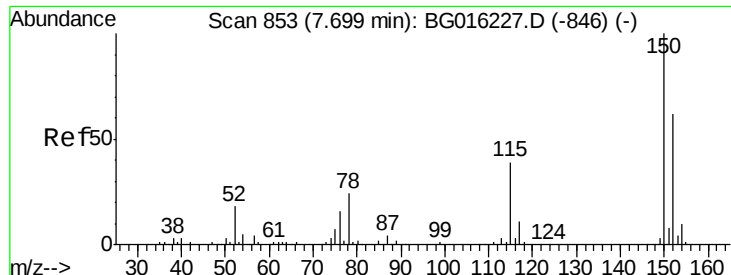
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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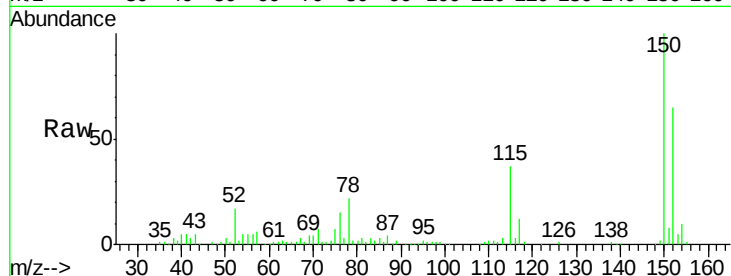


#1

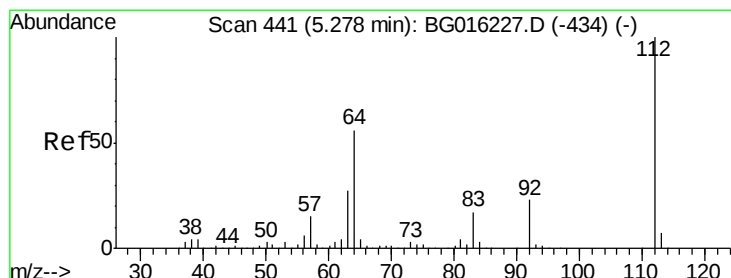
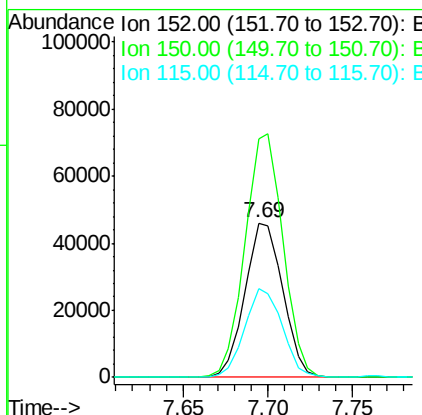
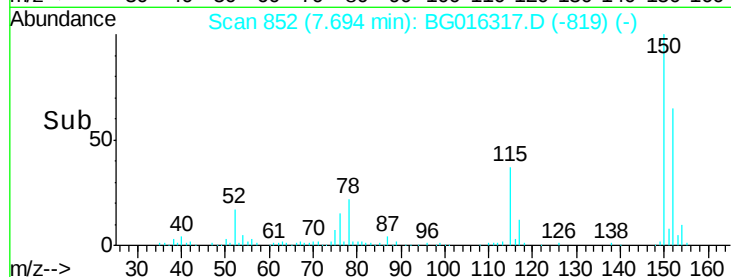
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.69 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG016317.D
 Acq: 10 Apr 2015 8:22

Instrument :
 BNA_G
 ClientSampled :
 MW-37

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	130.1	195.1
115	57.1	50.5	75.7



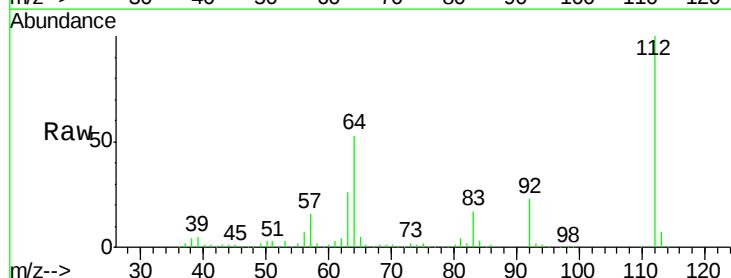
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



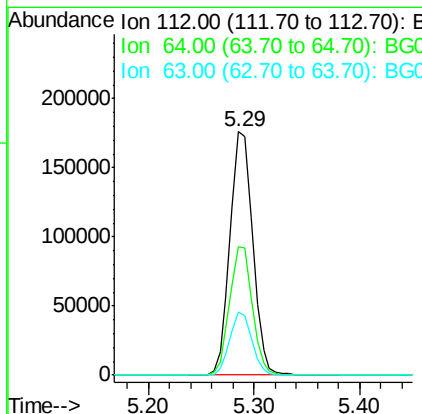
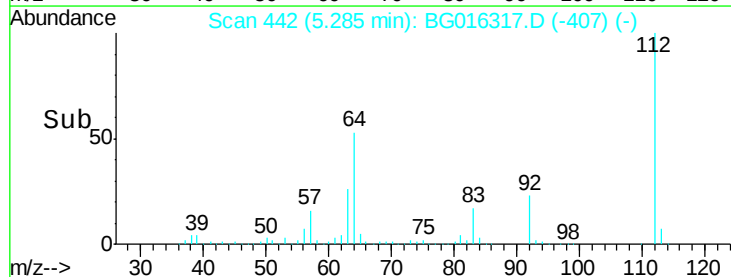
#5

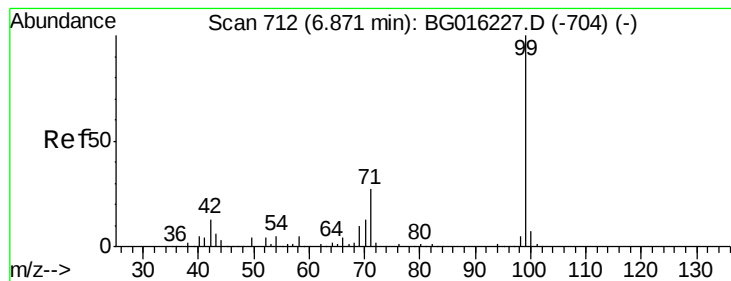
2-Fluorophenol
 Concen: 57.31 ng
 RT: 5.29 min Scan# 442
 Delta R.T. 0.01 min
 Lab File: BG016317.D
 Acq: 10 Apr 2015 8:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.9	44.5	66.7
63	26.0	21.4	32.0



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: 38.76 ng

RT: 6.88 min Scan# 714

Delta R.T. 0.01 min

Lab File: BG016317.D

Acq: 10 Apr 2015 8:22

Instrument :

BNA_G

ClientSampleId :

MW-37

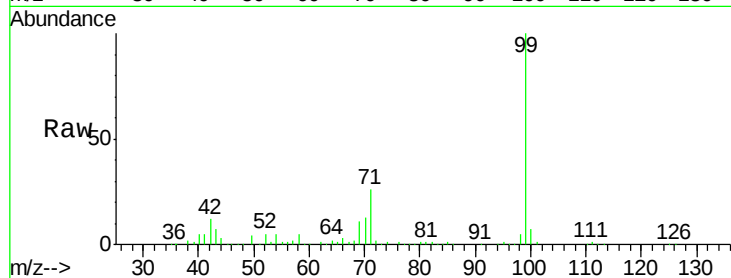
Tot Ion: 99 Resp: 265798

Ion Ratio Lower Upper

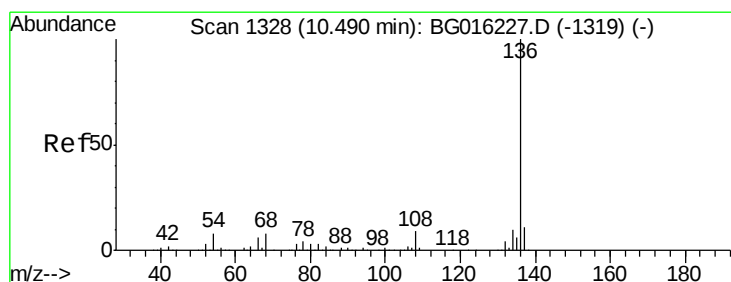
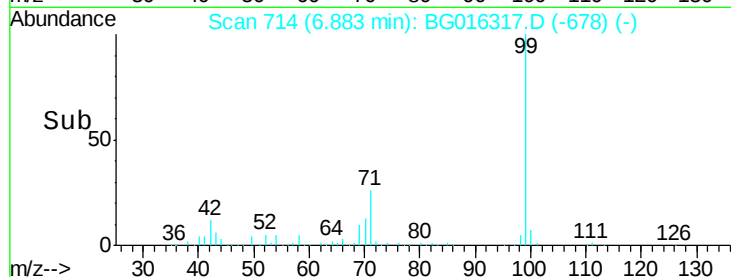
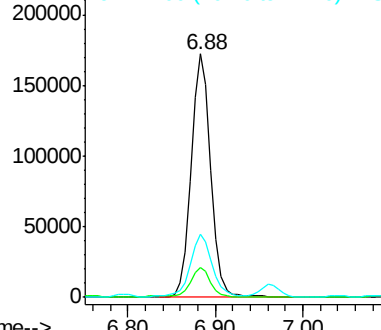
99 100

42 12.4 10.0 15.0

71 25.8 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: 10.49 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BG016317.D

Acq: 10 Apr 2015 8:22

Tgt Ion: 136 Resp: 352753

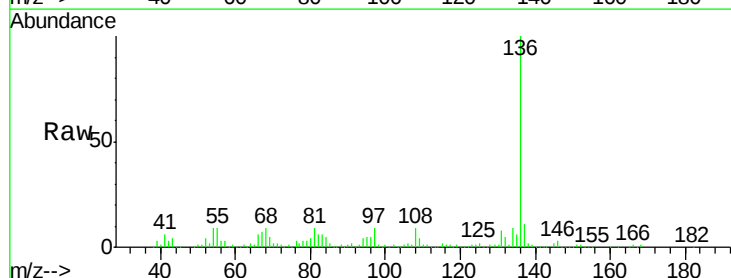
Ion Ratio Lower Upper

136 100

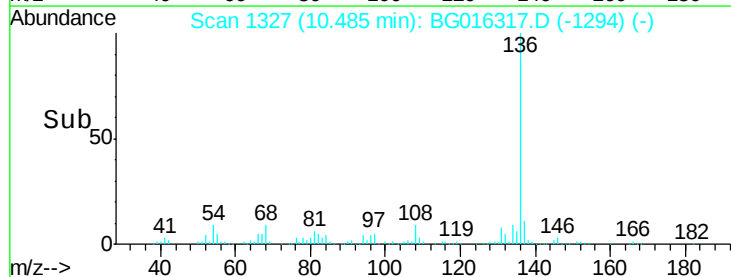
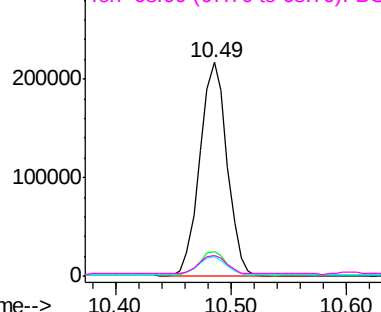
137 11.4 8.7 13.1

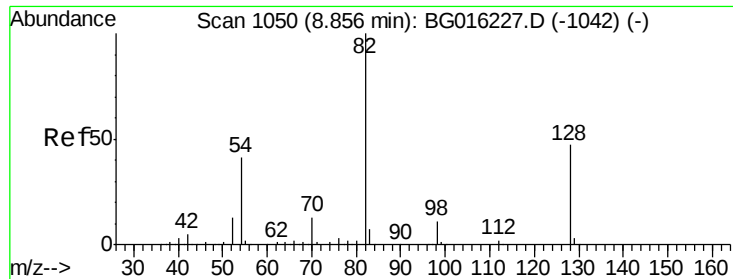
54 9.2 6.3 9.5

68 9.5 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

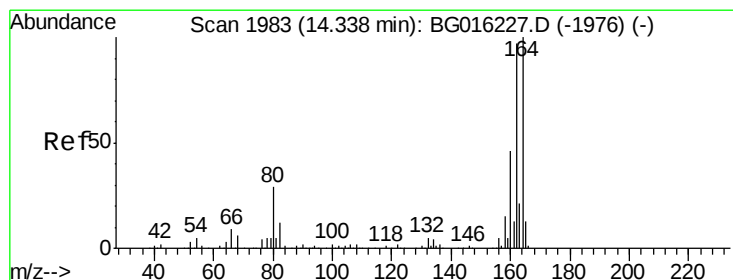
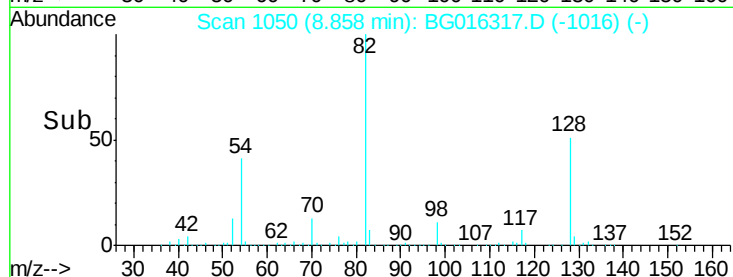
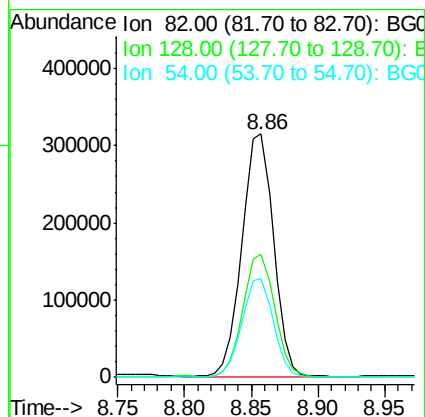
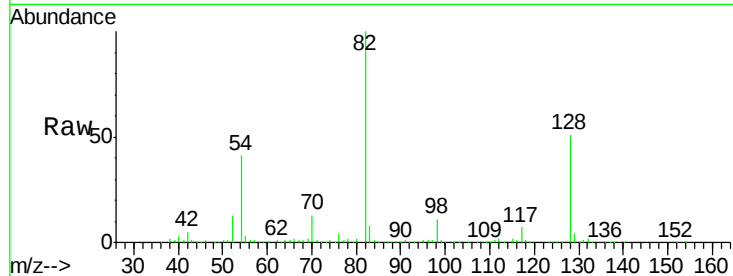




#23
 Nitrobenzene-d5
 Concen: 84.32 ng
 RT: 8.86 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BG016317.D
 Acq: 10 Apr 2015 8:22

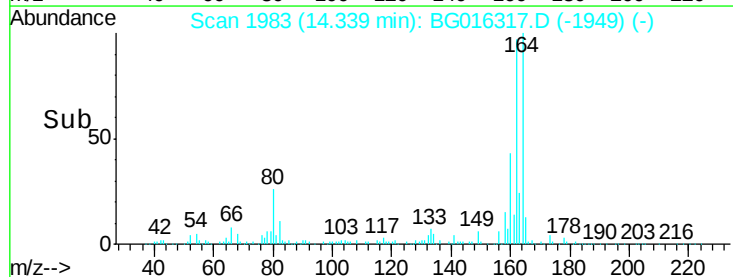
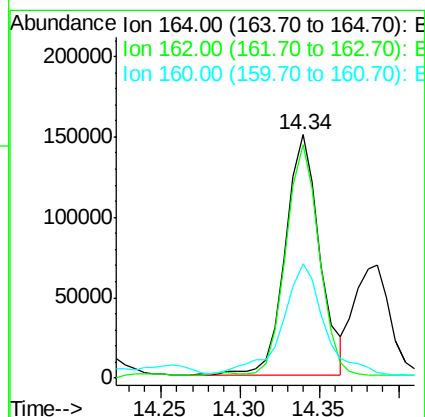
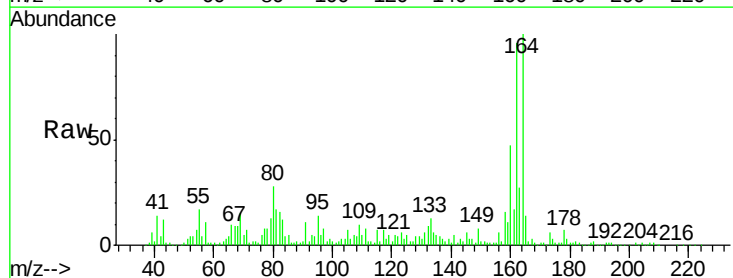
Instrument :
 BNA_G
 ClientSampleId :
 MW-37

Tot Ion: 82 Resp: 513444
 Ion Ratio Lower Upper
 82 100
 128 50.5 37.8 56.8
 54 40.6 32.6 49.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.34 min Scan# 1983
 Delta R.T. 0.00 min
 Lab File: BG016317.D
 Acq: 10 Apr 2015 8:22

Tgt Ion:164 Resp: 224642
 Ion Ratio Lower Upper
 164 100
 162 95.9 77.3 115.9
 160 47.2 36.7 55.1

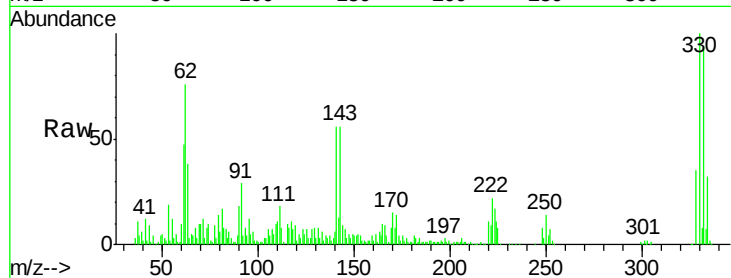




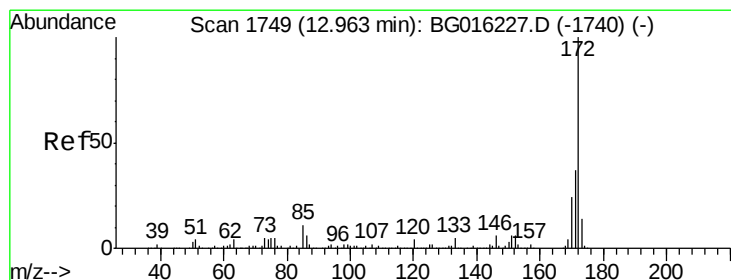
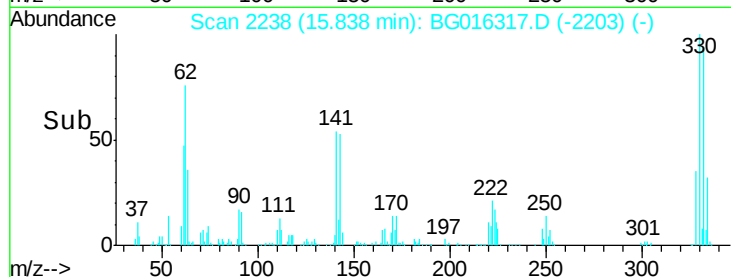
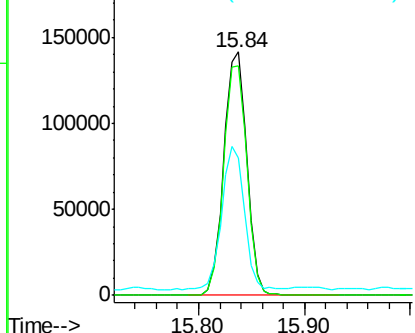
#41
 2,4,6-Tribromophenol
 Concen: 140.49 ng
 RT: 15.84 min Scan# 2238
 Delta R.T. 0.01 min
 Lab File: BG016317.D
 Acq: 10 Apr 2015 8:22

Instrument :
 BNA_G
 ClientSampleId :
 MW-37

Tot Ion:330 Resp: 213443
 Ion Ratio Lower Upper
 330 100
 332 95.8 75.8 113.6
 141 58.4 46.6 69.8

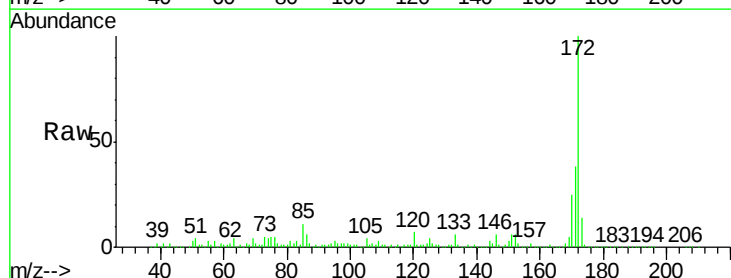


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

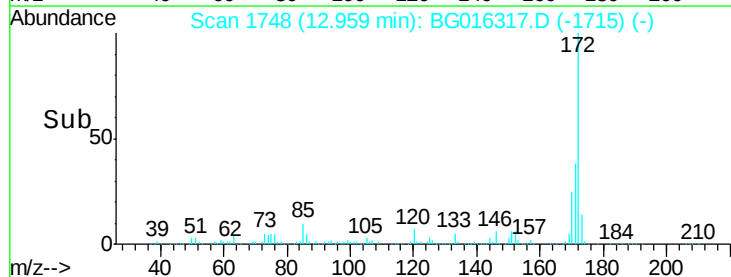
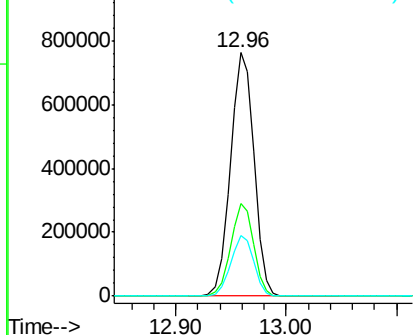


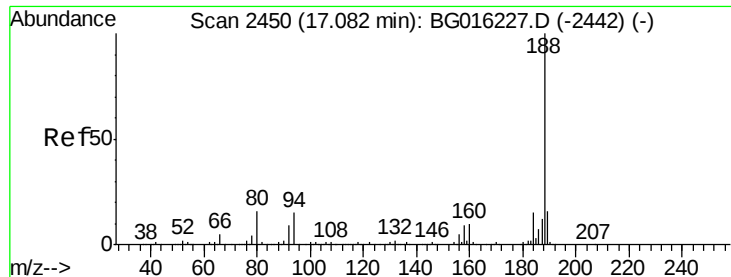
#44
 2-Fluorobiphenyl
 Concen: 86.09 ng
 RT: 12.96 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BG016317.D
 Acq: 10 Apr 2015 8:22

Tgt Ion:172 Resp: 1135937
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.6 44.4
 170 24.7 19.4 29.2



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: 17.08 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BG016317.D

Acq: 10 Apr 2015 8:22

Instrument :

BNA_G

ClientSampleId :

MW-37

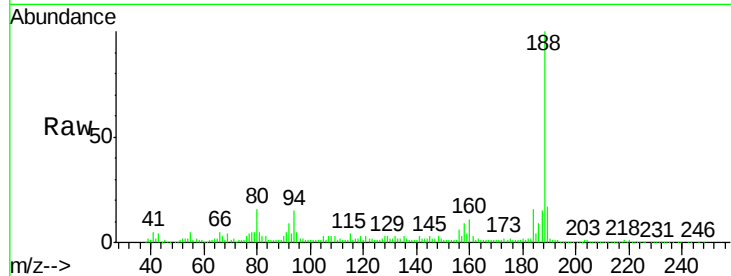
Tot Ion:188 Resp: 411871

Ion Ratio Lower Upper

188 100

94 15.2 12.2 18.4

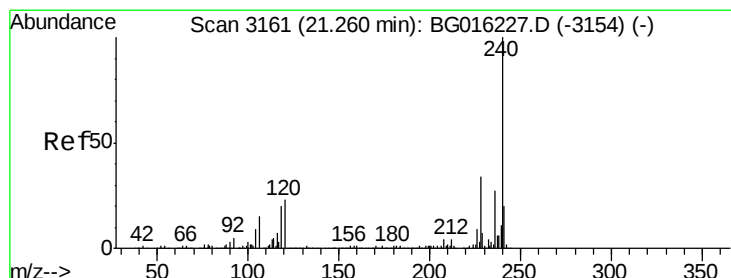
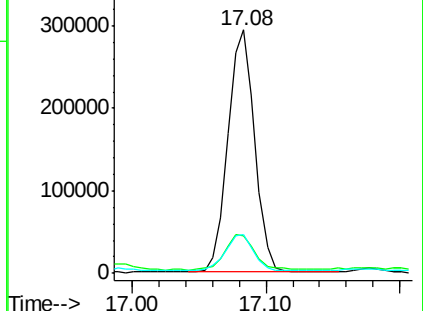
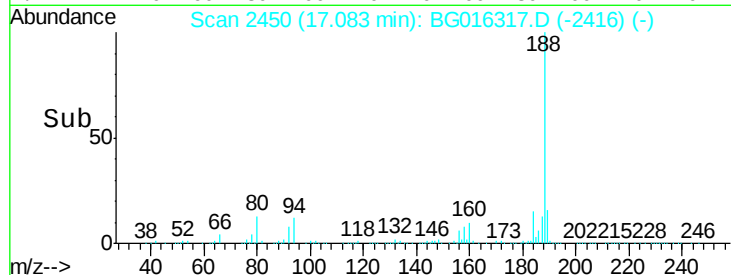
80 16.0 12.8 19.2



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: 21.25 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG016317.D

Acq: 10 Apr 2015 8:22

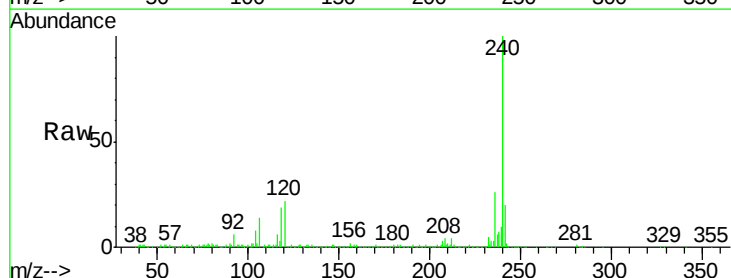
Tgt Ion:240 Resp: 343014

Ion Ratio Lower Upper

240 100

120 22.1 18.6 28.0

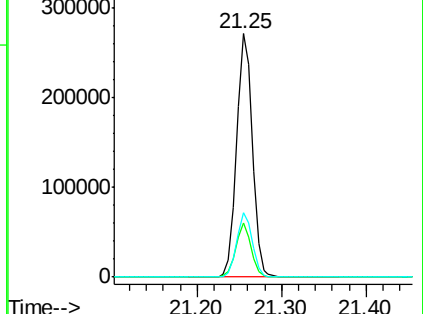
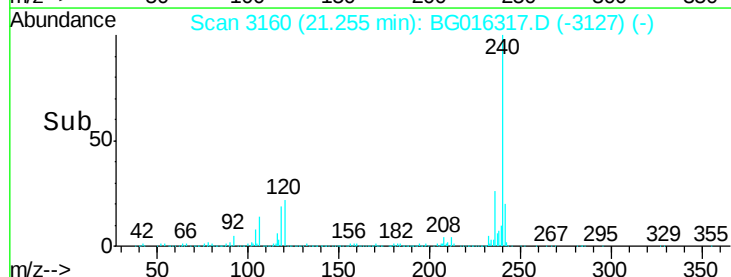
236 26.2 21.7 32.5

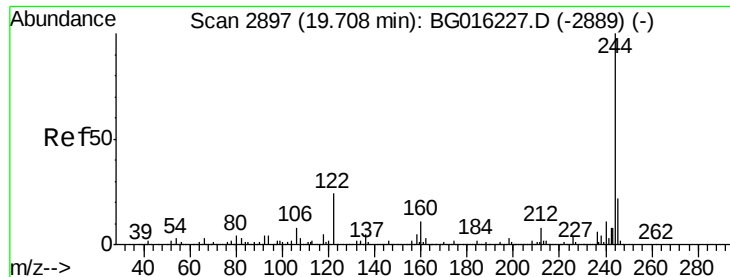


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 72.34 ng

RT: 19.71 min Scan# 2897

Delta R.T. 0.00 min

Lab File: BG016317.D

Acq: 10 Apr 2015 8:22

Instrument :

BNA_G

ClientSampleId :

MW-37

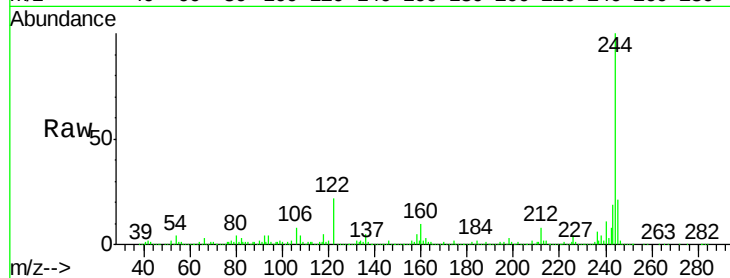
Tot Ion:244 Resp: 1060179

Ion Ratio Lower Upper

244 100

212 8.3 6.6 9.8

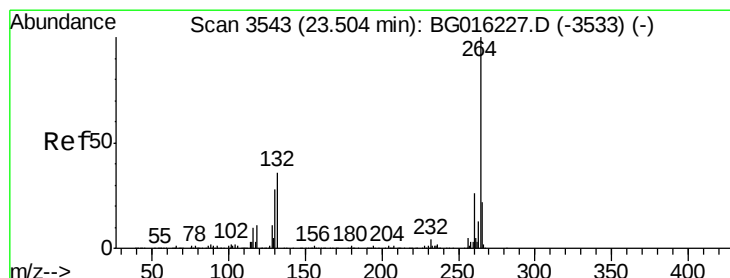
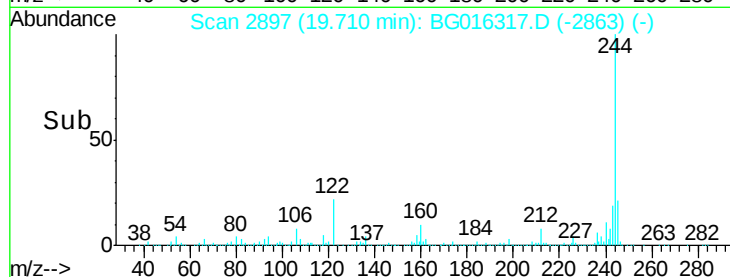
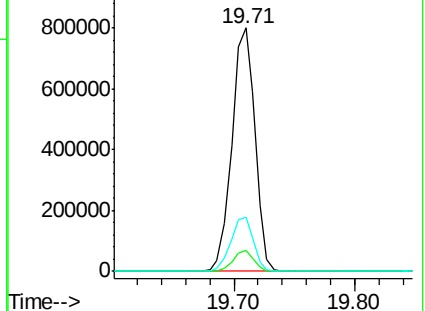
122 22.4 19.1 28.7



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: 23.50 min Scan# 3542

Delta R.T. -0.00 min

Lab File: BG016317.D

Acq: 10 Apr 2015 8:22

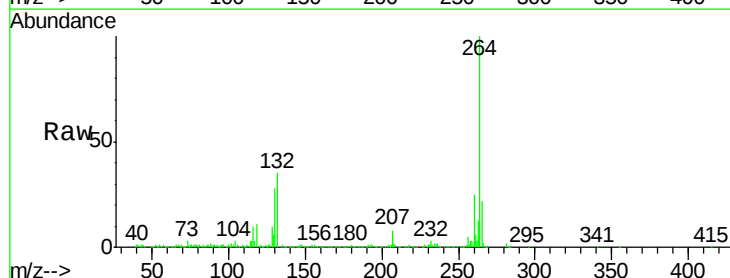
Tgt Ion:264 Resp: 316244

Ion Ratio Lower Upper

264 100

260 25.2 20.4 30.6

265 21.9 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

