

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042015\
 Data File : BG016567.D
 Acq On : 21 Apr 2015 2:58
 Operator : TP/IZ
 Sample : G1899-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-05

Quant Time: Apr 21 04:12:02 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 03:54:20 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	59405	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	264498	20.00	ng	0.00
38) Acenaphthene-d10	14.29	164	198190	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	341603	20.00	ng	0.00
75) Chrysene-d12	21.21	240	304643	20.00	ng	0.00
86) Perylene-d12	23.43	264	290268	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	216369	57.48	ng	0.00
7) Phenol-d6	6.84	99	187956	33.26	ng	0.00
23) Nitrobenzene-d5	8.81	82	382523	83.78	ng	0.00
41) 2,4,6-Tribromophenol	15.78	330	166600	124.30	ng	0.00
44) 2-Fluorobiphenyl	12.91	172	880455	75.64	ng	0.00
78) Terphenyl-d14	19.66	244	1011502	77.71	ng	0.00

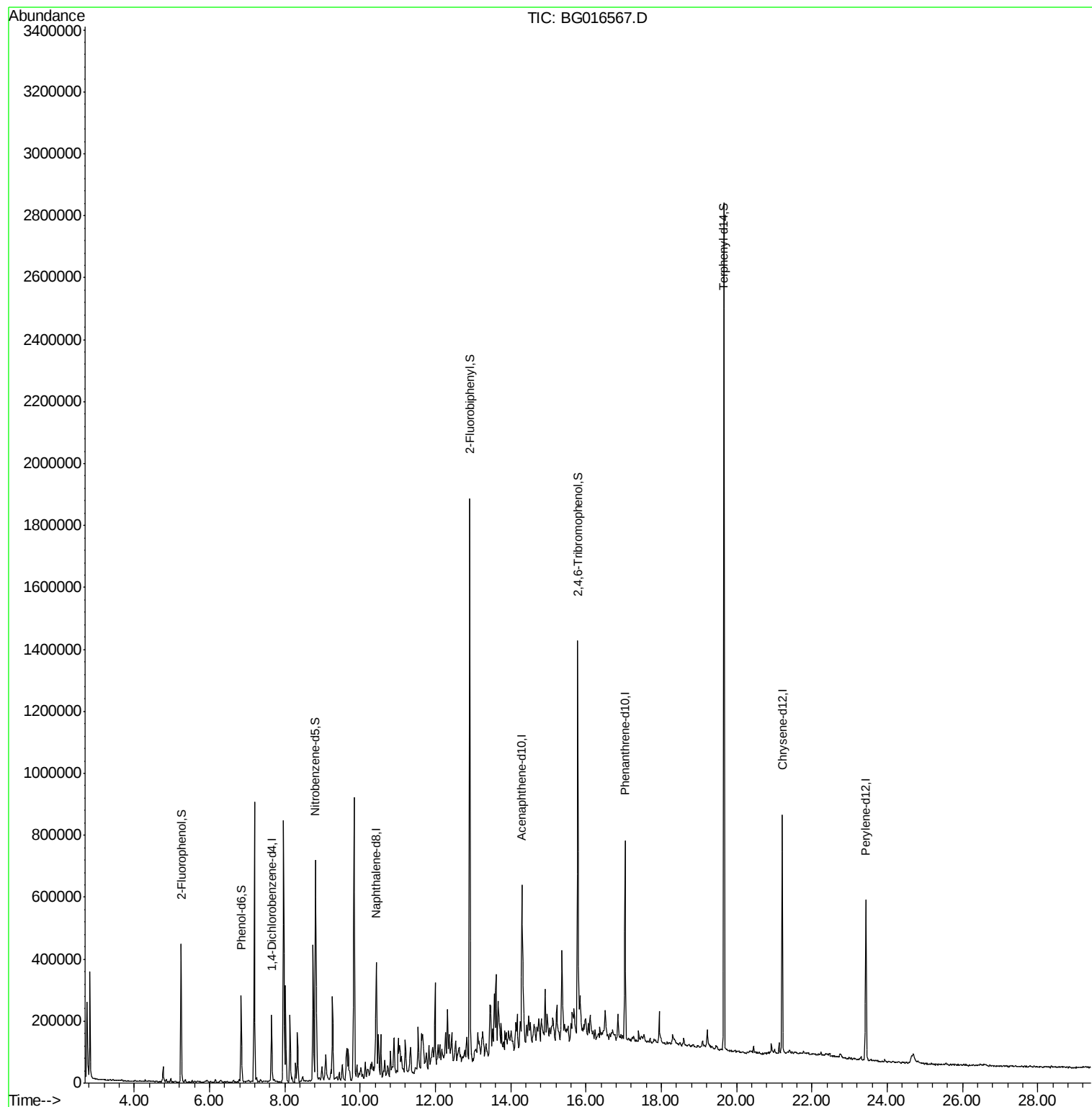
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.65 min Scan# 845

Delta R.T. 0.00 min

Lab File: BG016567.D

Acq: 21 Apr 2015 2:58

Instrument :

BNA_G

ClientSampleId :

MW-05

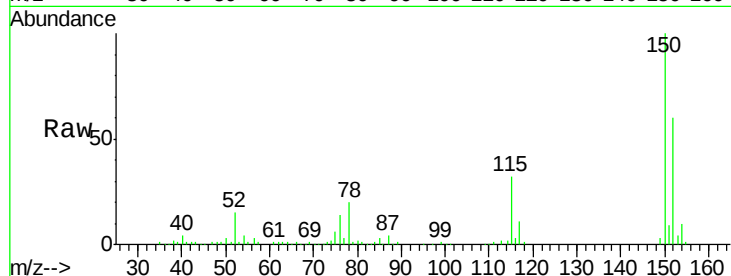
Tot Ion:152 Resp: 59405

Ion Ratio Lower Upper

152 100

150 165.8 130.1 195.1

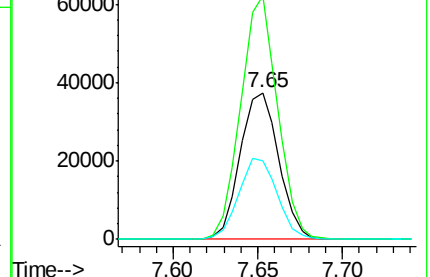
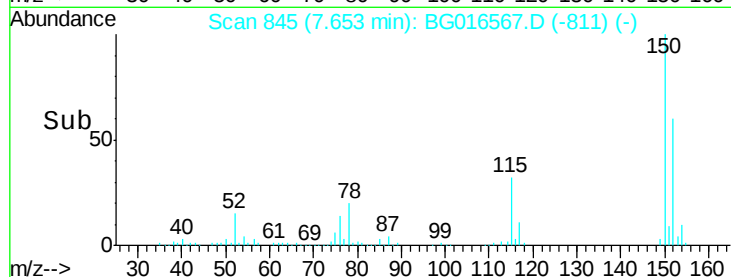
115 53.4 50.5 75.7



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: 57.48 ng

RT: 5.24 min Scan# 435

Delta R.T. 0.00 min

Lab File: BG016567.D

Acq: 21 Apr 2015 2:58

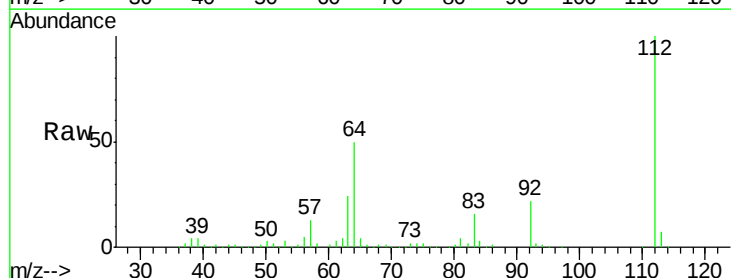
Tgt Ion:112 Resp: 216369

Ion Ratio Lower Upper

112 100

64 49.5 44.5 66.7

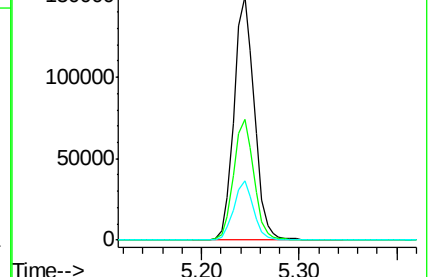
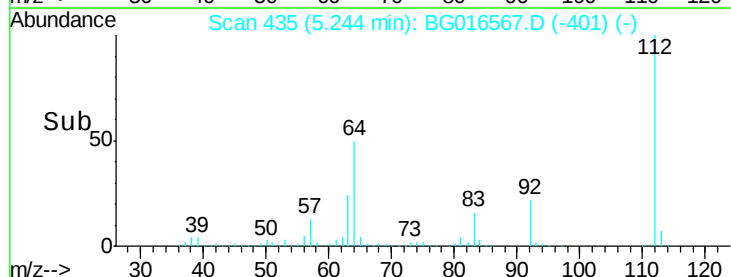
63 24.3 21.4 32.0

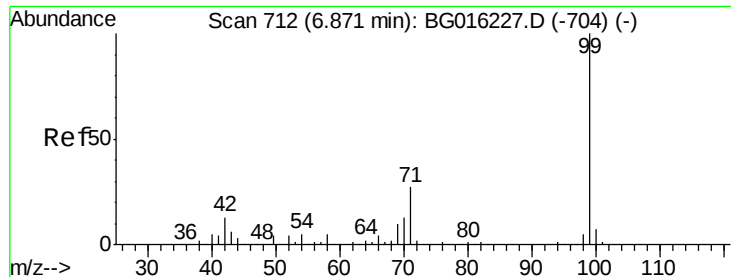


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 33.26 ng

RT: 6.84 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG016567.D

Acq: 21 Apr 2015 2:58

Instrument :

BNA_G

ClientSampleId :

MW-05

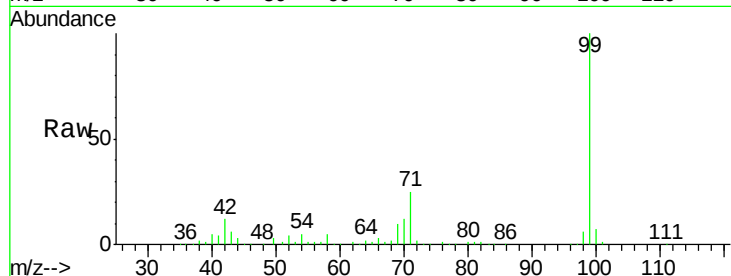
Tot Ion: 99 Resp: 187956

Ion Ratio Lower Upper

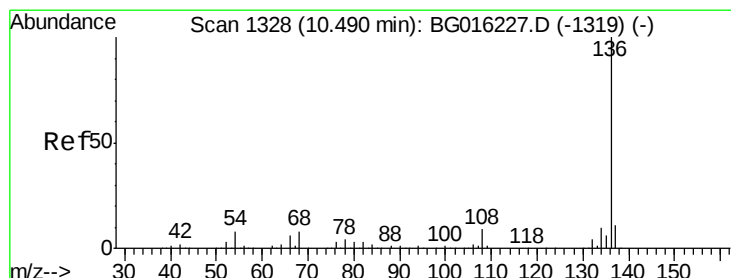
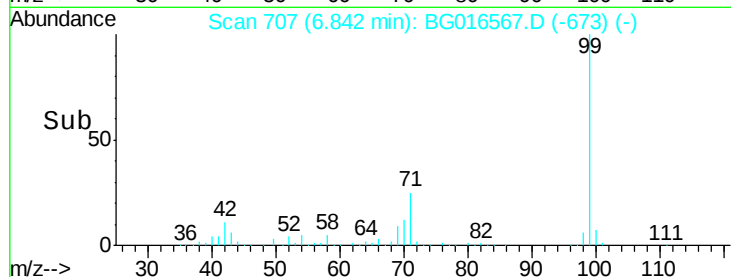
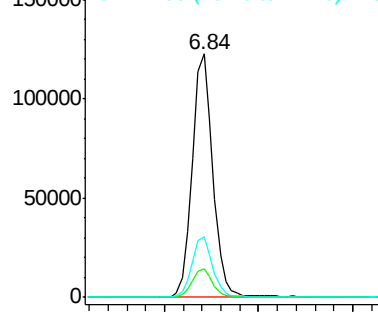
99 100

42 11.6 10.0 15.0

71 24.8 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: 10.44 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BG016567.D

Acq: 21 Apr 2015 2:58

Tgt Ion: 136 Resp: 264498

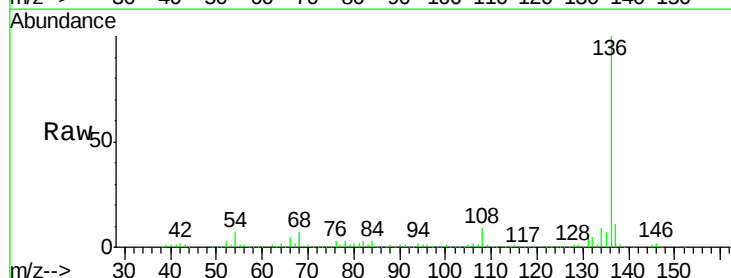
Ion Ratio Lower Upper

136 100

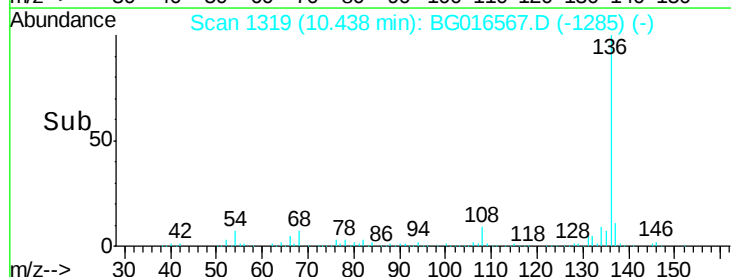
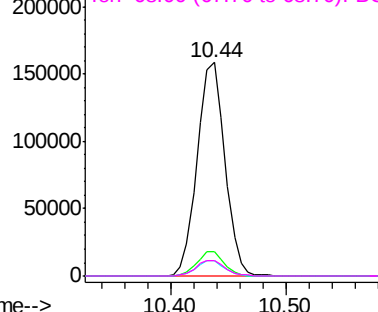
137 11.3 8.7 13.1

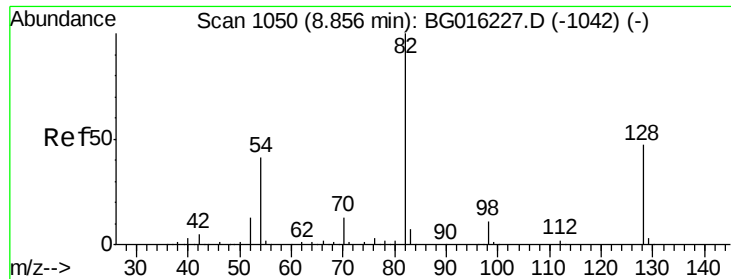
54 7.3 6.3 9.5

68 7.0 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

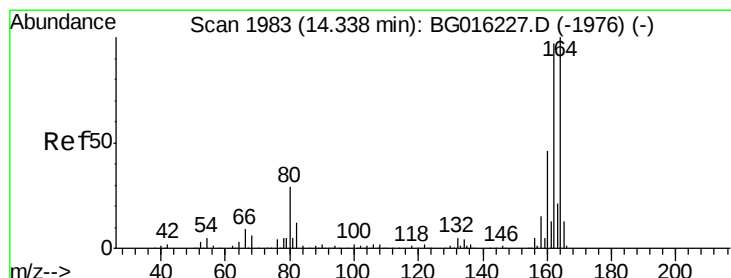
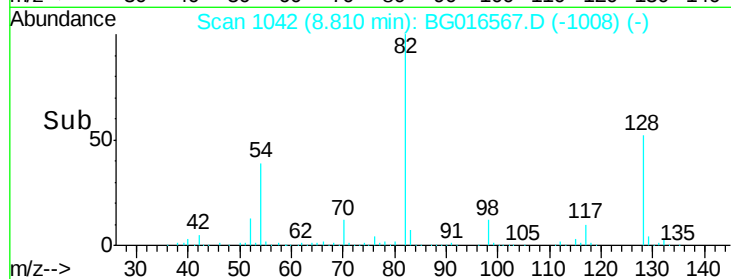
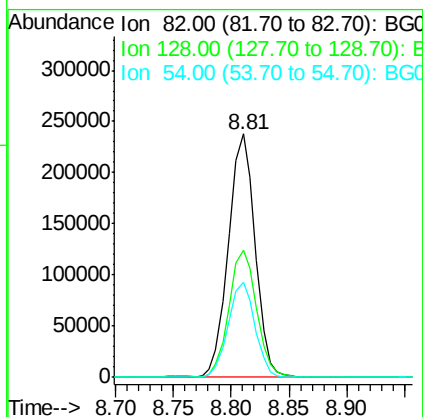
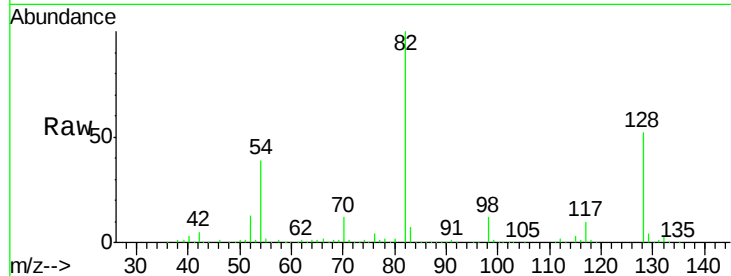




#23
Nitrobenzene-d5
Concen: 83.78 ng
RT: 8.81 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG016567.D
Acq: 21 Apr 2015 2:58

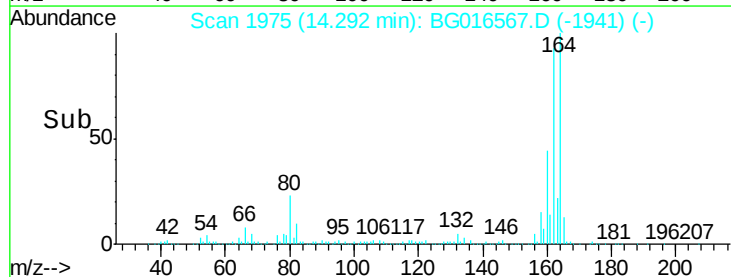
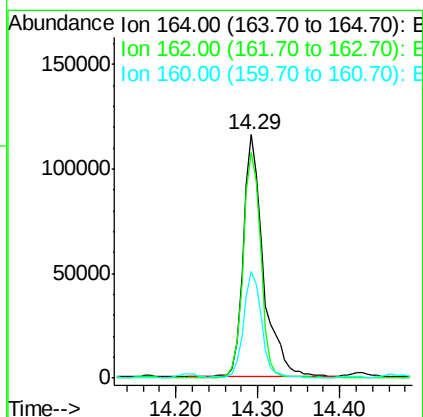
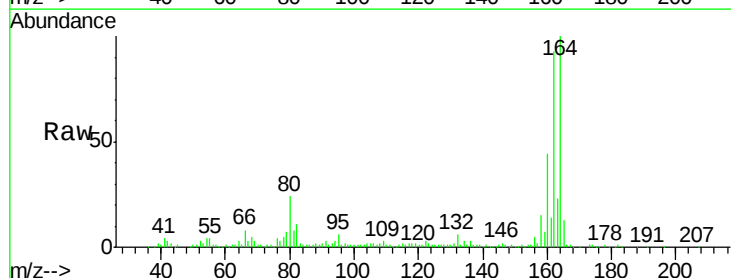
Instrument :
BNA_G
ClientSampleId :
MW-05

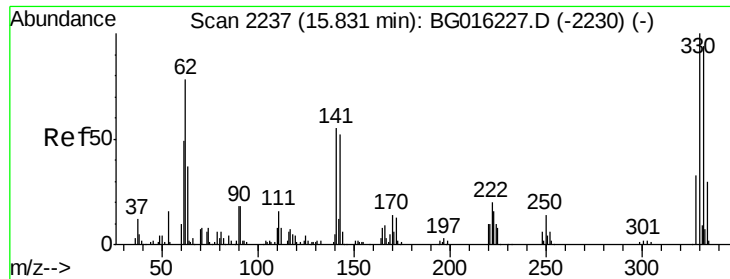
Tot Ion	82	Resp	382523
Ion Ratio	Lower	Upper	
82	100		
128	52.4	37.8	56.8
54	38.9	32.6	49.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.29 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG016567.D
Acq: 21 Apr 2015 2:58

Tgt Ion	164	Resp	198190
Ion Ratio	Lower	Upper	
164	100		
162	92.7	77.3	115.9
160	43.9	36.7	55.1

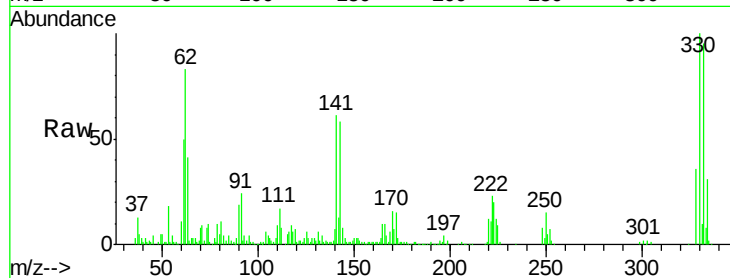




#41
 2,4,6-Tribromophenol
 Concen: 124.30 ng
 RT: 15.78 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG016567.D
 Acq: 21 Apr 2015 2:58

Instrument :
 BNA_G
 ClientSampleId :
 MW-05

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.8	113.6
141	58.9	46.6	69.8

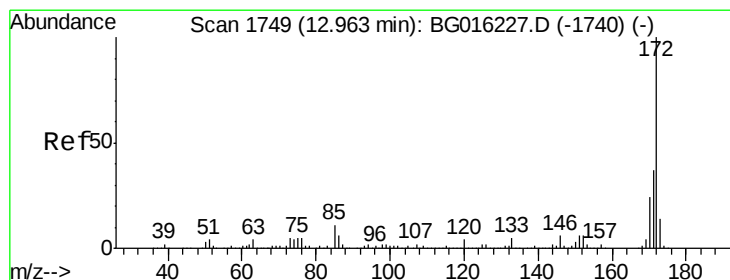
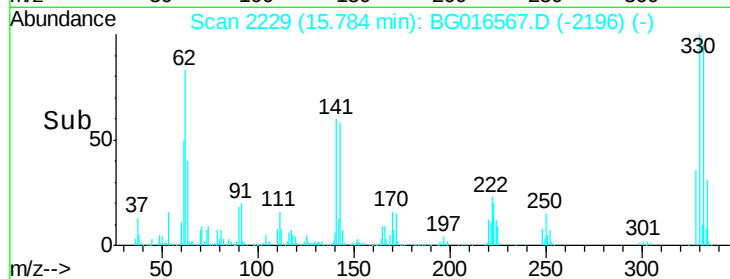
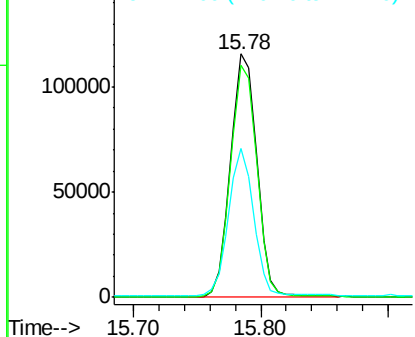


Abundance

Ion 329.80 (329.50 to 330.50): E

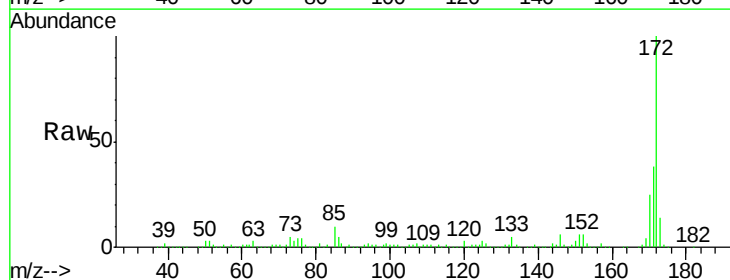
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 75.64 ng
 RT: 12.91 min Scan# 1740
 Delta R.T. 0.00 min
 Lab File: BG016567.D
 Acq: 21 Apr 2015 2:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.6	44.4
170	24.5	19.4	29.2

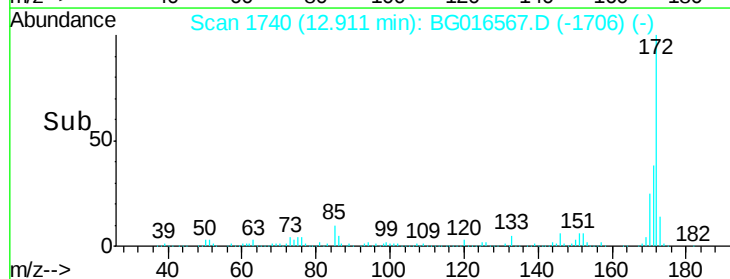
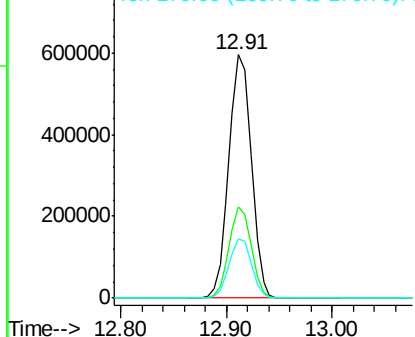


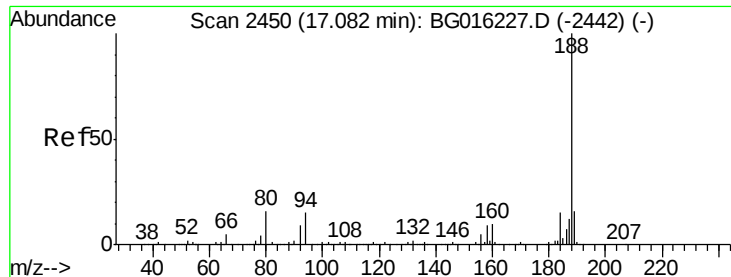
Abundance

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: 17.04 min Scan# 2442

Delta R.T. 0.00 min

Lab File: BG016567.D

Acq: 21 Apr 2015 2:58

Instrument :

BNA_G

ClientSampleId :

MW-05

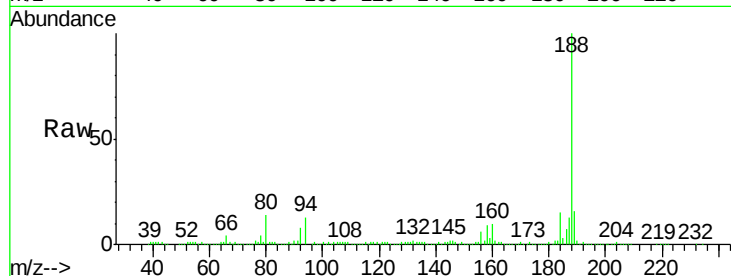
Tot Ion:188 Resp: 341603

Ion Ratio Lower Upper

188 100

94 12.6 12.2 18.4

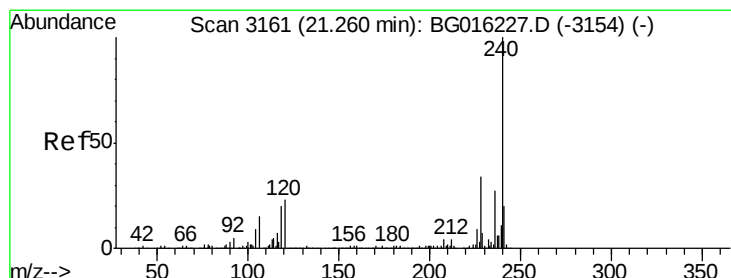
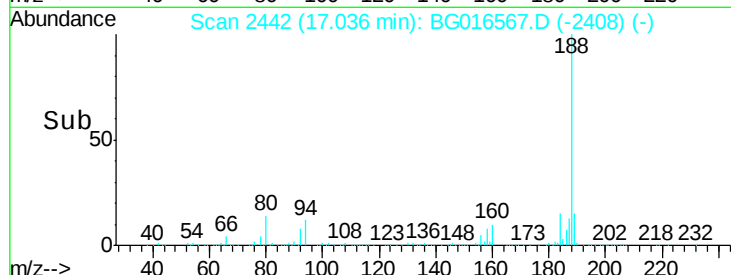
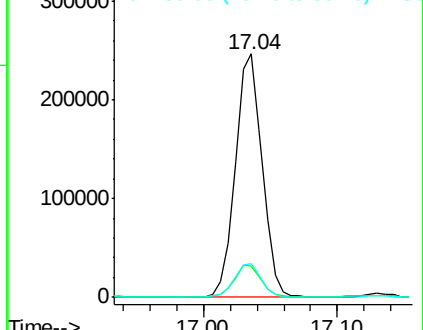
80 13.8 12.8 19.2



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: 21.21 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BG016567.D

Acq: 21 Apr 2015 2:58

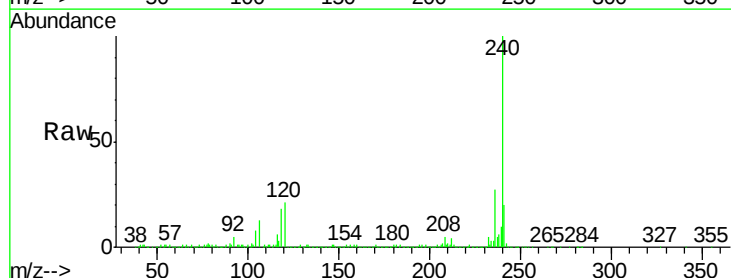
Tgt Ion:240 Resp: 304643

Ion Ratio Lower Upper

240 100

120 20.5 18.6 28.0

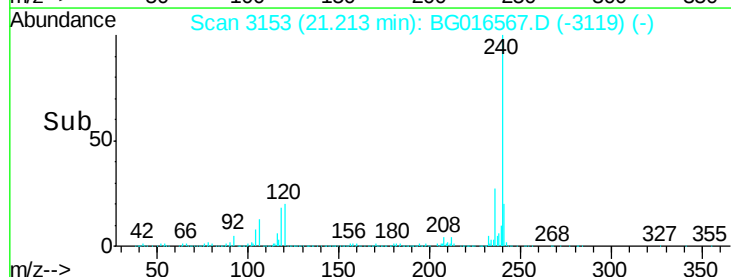
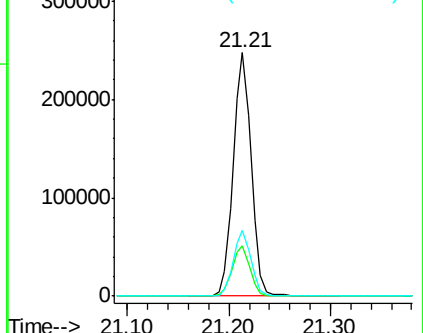
236 26.9 21.7 32.5

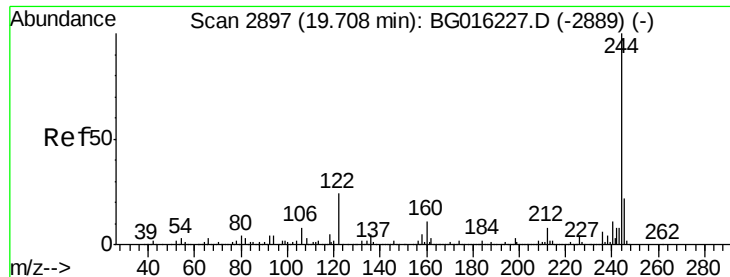


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 77.71 ng

RT: 19.66 min Scan# 2889

Delta R.T. 0.00 min

Lab File: BG016567.D

Acq: 21 Apr 2015 2:58

Instrument :

BNA_G

ClientSampleId :

MW-05

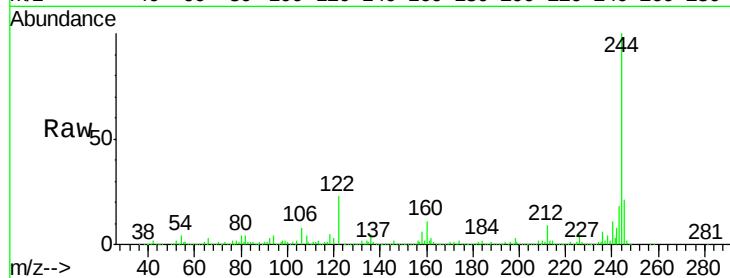
Tot Ion:244 Resp: 1011502

Ion Ratio Lower Upper

244 100

212 8.7 6.6 9.8

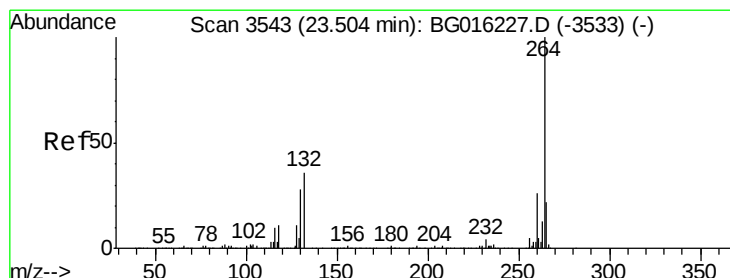
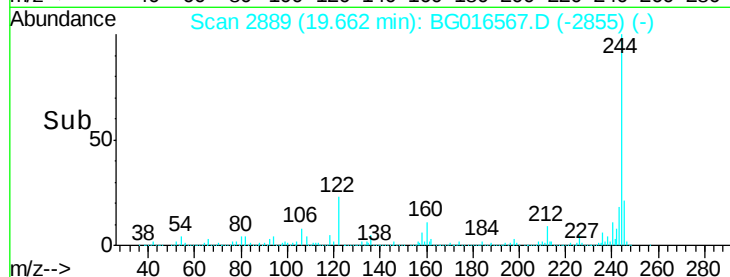
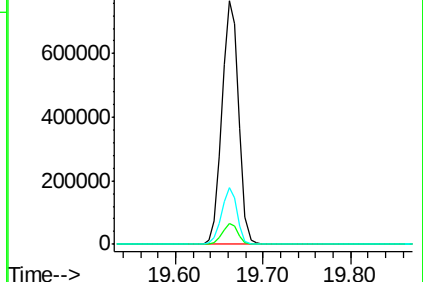
122 23.2 19.1 28.7



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: 23.43 min Scan# 3531

Delta R.T. 0.00 min

Lab File: BG016567.D

Acq: 21 Apr 2015 2:58

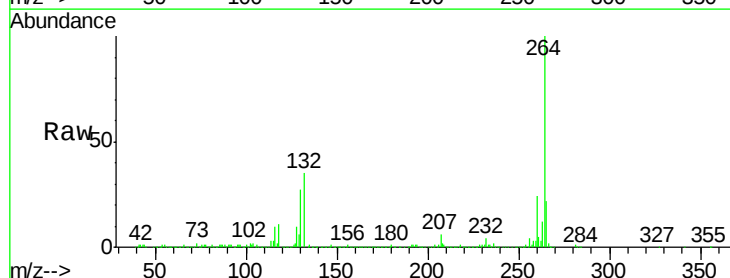
Tgt Ion:264 Resp: 290268

Ion Ratio Lower Upper

264 100

260 24.1 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

