

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042015\
 Data File : BG016577.D
 Acq On : 21 Apr 2015 8:46
 Operator : TP/IZ
 Sample : G1932-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-25

Quant Time: Apr 21 15:42:00 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 14:00:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	71195	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	326683	20.00	ng	-0.03
38) Acenaphthene-d10	14.29	164	197756	20.00	ng	-0.03
63) Phenanthrene-d10	17.03	188	404424	20.00	ng	-0.03
75) Chrysene-d12	21.21	240	337370	20.00	ng	-0.03
86) Perylene-d12	23.43	264	319402	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	232260	51.49	ng	-0.02
7) Phenol-d6	6.84	99	204759	30.24	ng	-0.02
23) Nitrobenzene-d5	8.81	82	446532	79.18	ng	-0.03
41) 2,4,6-Tribromophenol	15.78	330	175510	131.23	ng	-0.03
44) 2-Fluorobiphenyl	12.91	172	1002775	86.33	ng	-0.03
78) Terphenyl-d14	19.66	244	995193	69.04	ng	-0.03

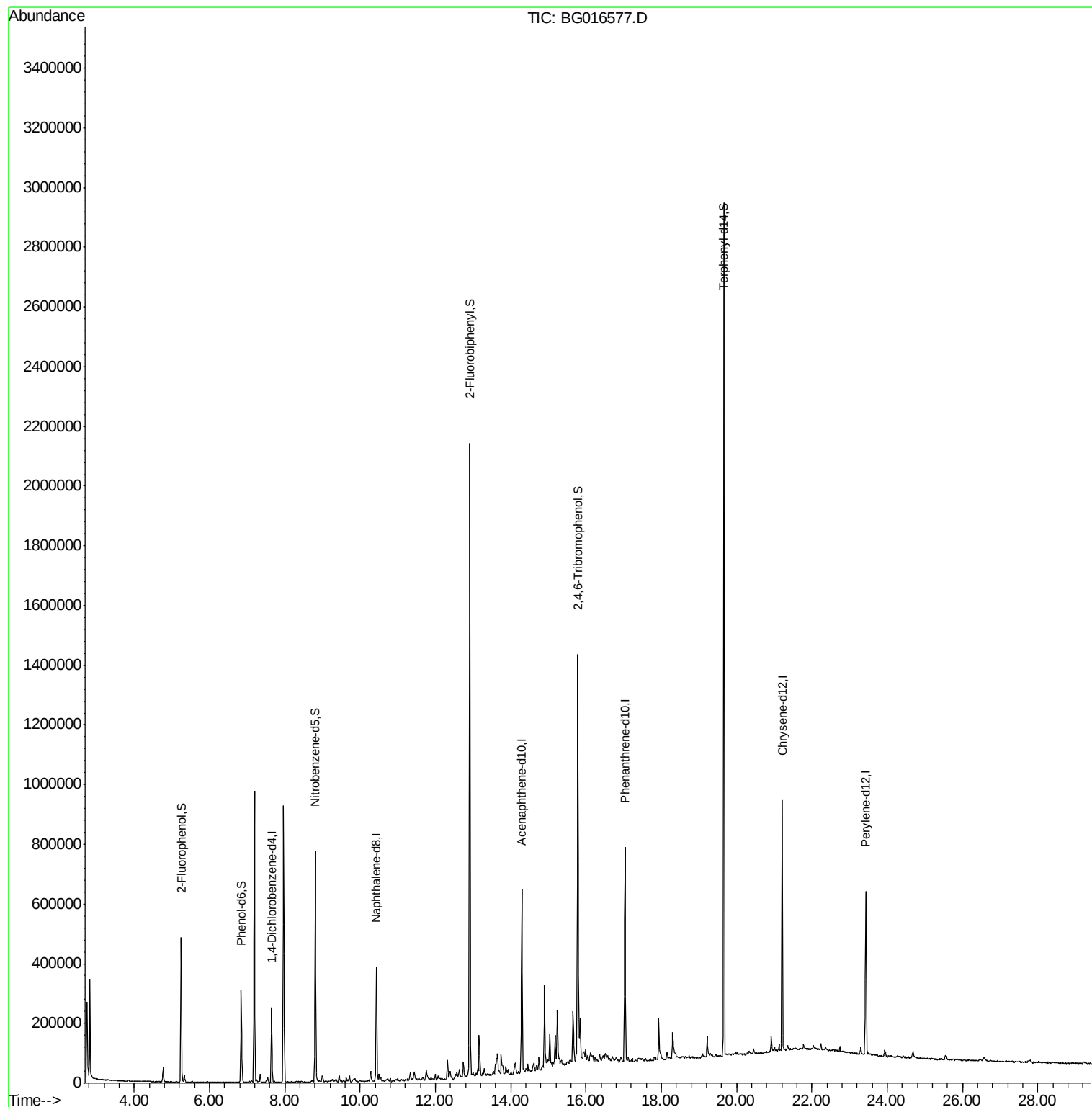
Target Compounds Qvalue

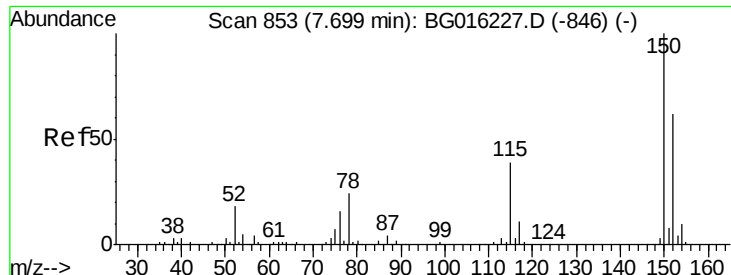
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.65 min Scan# 845

Delta R.T. -0.02 min

Lab File: BG016577.D

Acq: 21 Apr 2015 8:46

Instrument :

BNA_G

ClientSampled :

MW-25

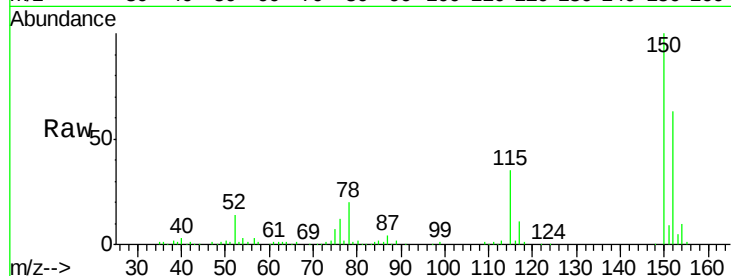
Tot Ion:152 Resp: 71195

Ion Ratio Lower Upper

152 100

150 157.5 130.1 195.1

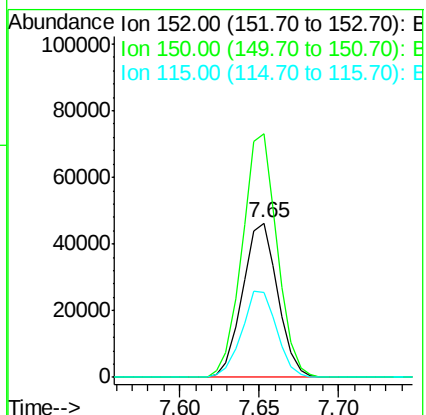
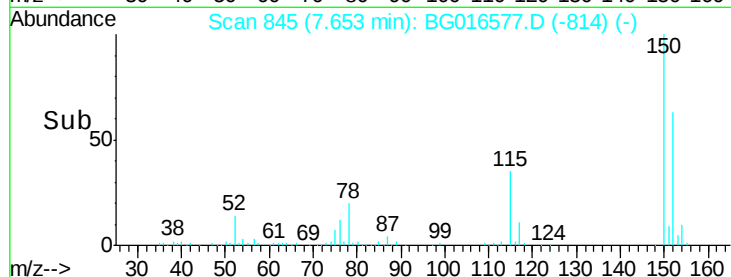
115 55.2 50.5 75.7



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: 51.49 ng

RT: 5.24 min Scan# 435

Delta R.T. -0.02 min

Lab File: BG016577.D

Acq: 21 Apr 2015 8:46

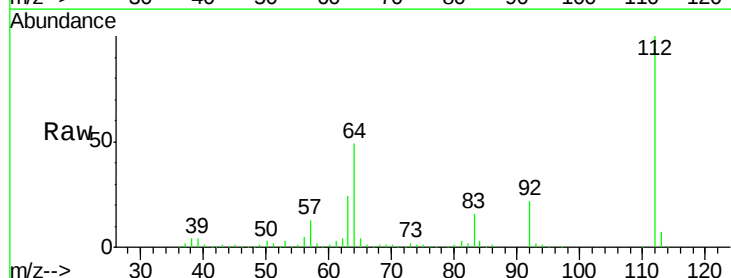
Tgt Ion:112 Resp: 232260

Ion Ratio Lower Upper

112 100

64 48.9 44.5 66.7

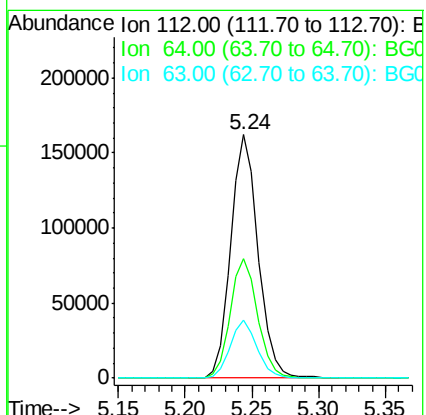
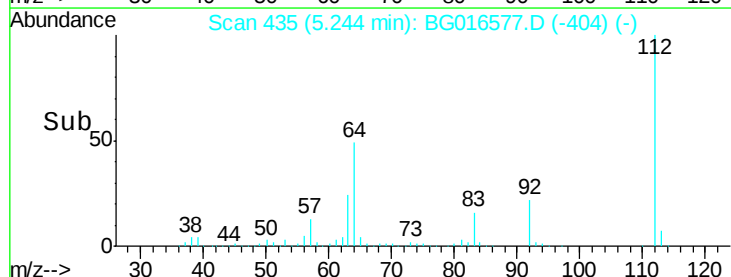
63 24.0 21.4 32.0

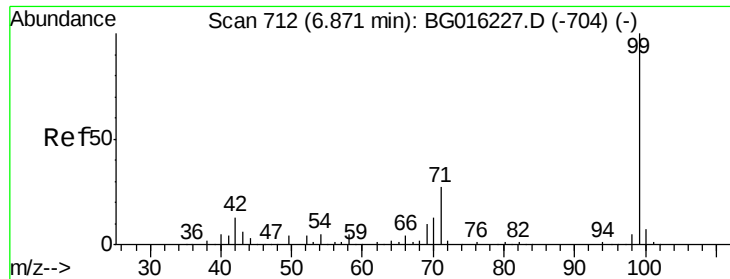


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 30.24 ng

RT: 6.84 min Scan# 707

Delta R.T. -0.02 min

Lab File: BG016577.D

Acq: 21 Apr 2015 8:46

Instrument :

BNA_G

ClientSampleId :

MW-25

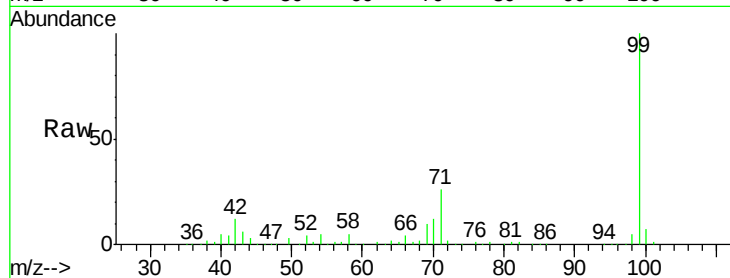
Tot Ion: 99 Resp: 204759

Ion Ratio Lower Upper

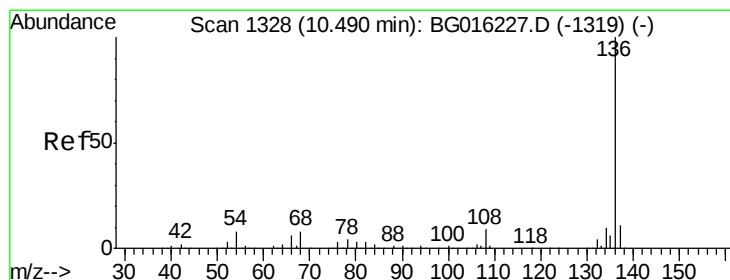
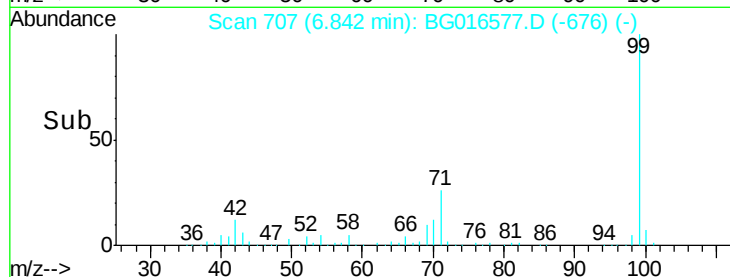
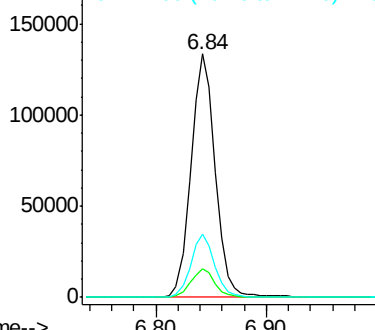
99 100

42 11.6 10.0 15.0

71 25.7 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: 10.43 min Scan# 1318

Delta R.T. -0.03 min

Lab File: BG016577.D

Acq: 21 Apr 2015 8:46

Tgt Ion: 136 Resp: 326683

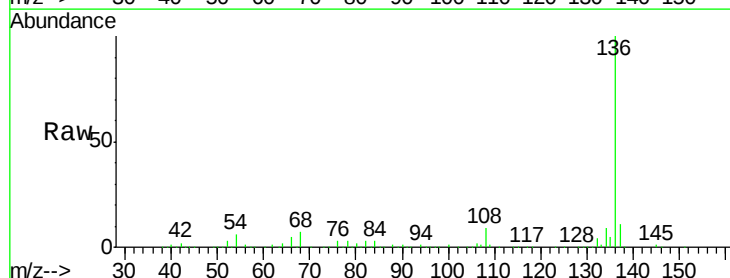
Ion Ratio Lower Upper

136 100

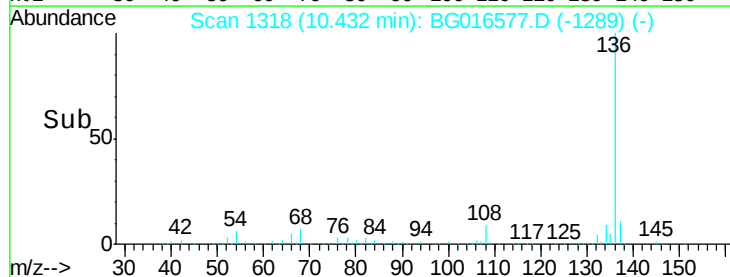
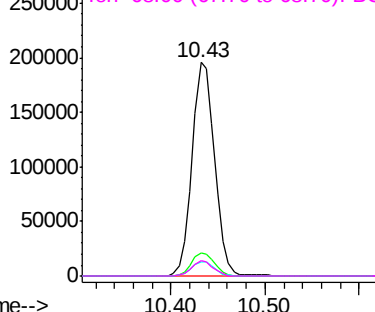
137 10.9 8.7 13.1

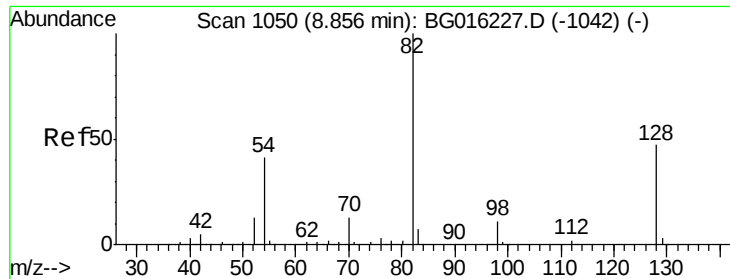
54 6.5 6.3 9.5

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

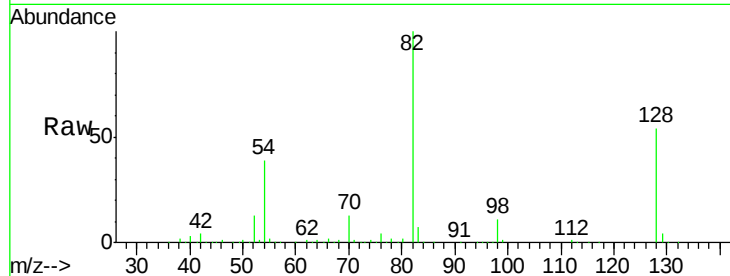




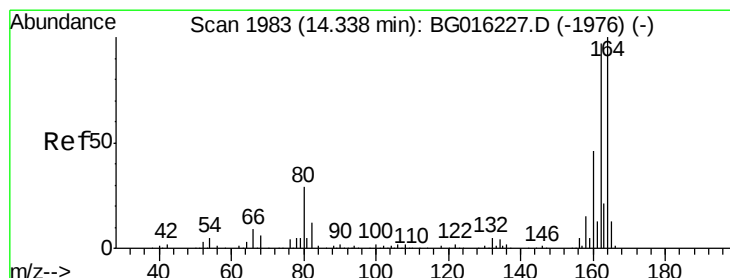
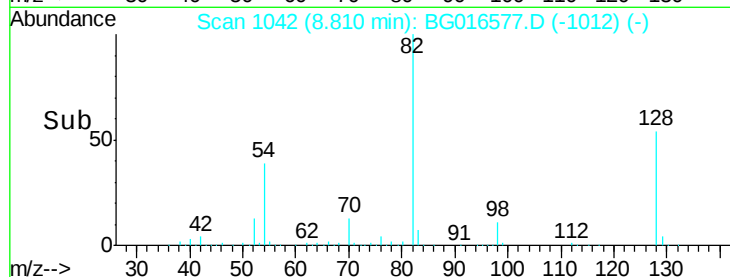
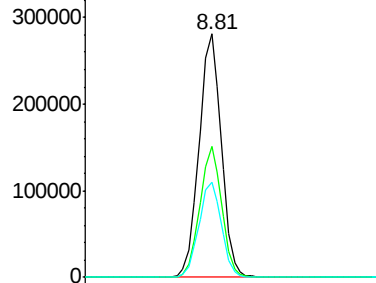
#23
 Nitrobenzene-d5
 Concen: 79.18 ng
 RT: 8.81 min Scan# 1042
 Delta R.T. -0.03 min
 Lab File: BG016577.D
 Acq: 21 Apr 2015 8:46

Instrument :
 BNA_G
 ClientSampled :
 MW-25

Tot Ion: 82 Resp: 446532
 Ion Ratio Lower Upper
 82 100
 128 53.6 37.8 56.8
 54 39.2 32.6 49.0

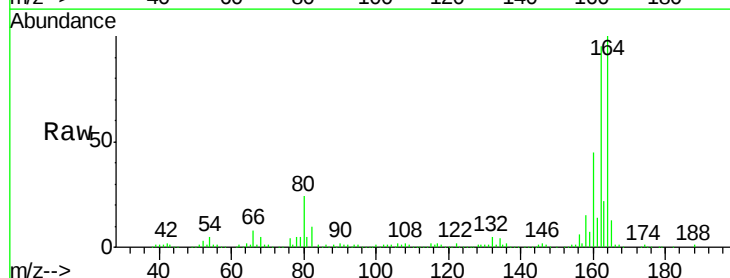


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

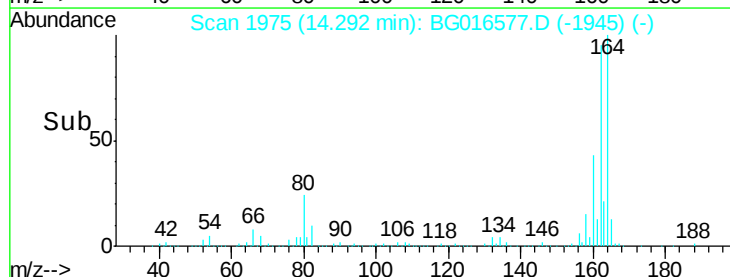
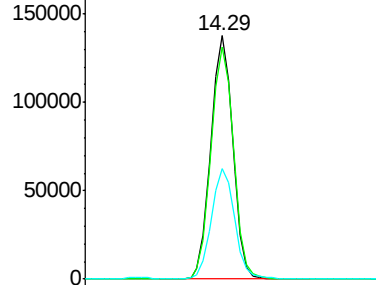


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.29 min Scan# 1975
 Delta R.T. -0.03 min
 Lab File: BG016577.D
 Acq: 21 Apr 2015 8:46

Tgt Ion: 164 Resp: 197756
 Ion Ratio Lower Upper
 164 100
 162 95.5 77.3 115.9
 160 45.5 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

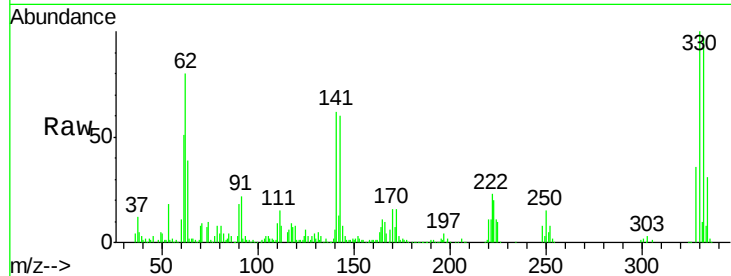




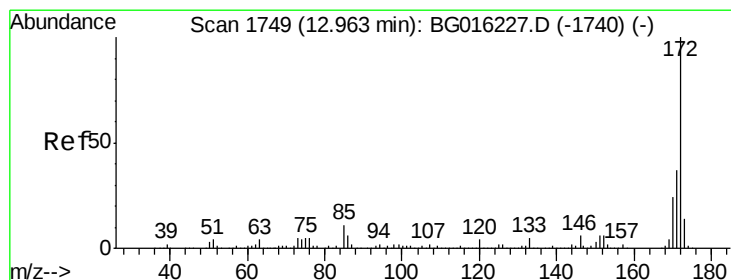
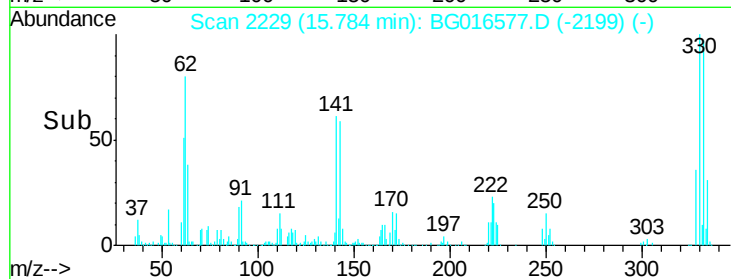
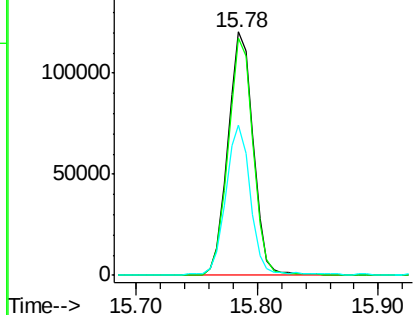
#41
 2,4,6-Tribromophenol
 Concen: 131.23 ng
 RT: 15.78 min Scan# 2229
 Delta R.T. -0.03 min
 Lab File: BG016577.D
 Acq: 21 Apr 2015 8:46

Instrument :
 BNA_G
 ClientSampleId :
 MW-25

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.8	113.6
141	59.9	46.6	69.8

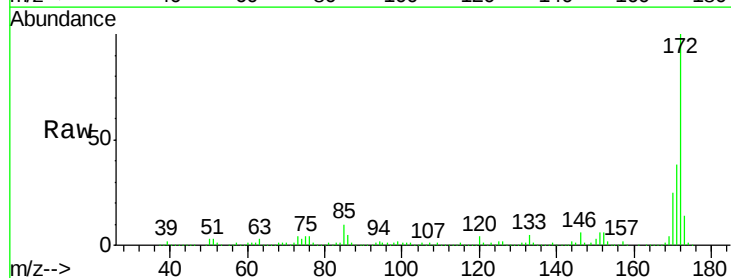


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

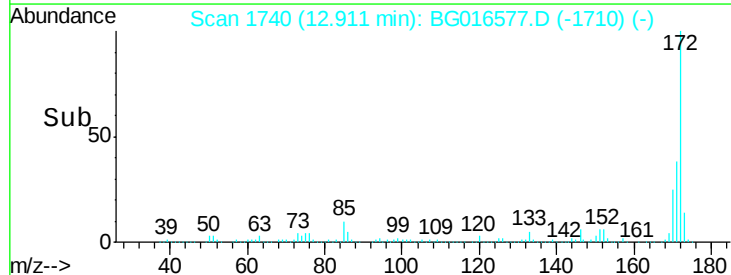
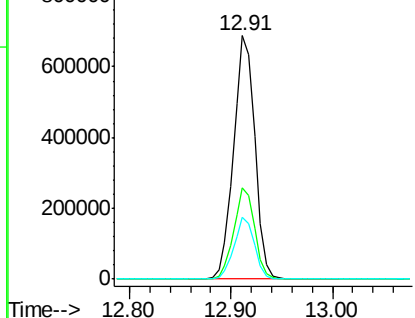


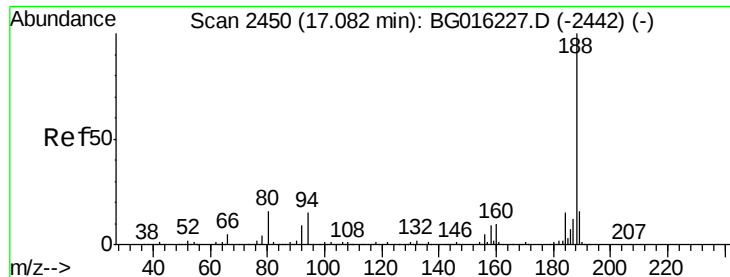
#44
 2-Fluorobiphenyl
 Concen: 86.33 ng
 RT: 12.91 min Scan# 1740
 Delta R.T. -0.03 min
 Lab File: BG016577.D
 Acq: 21 Apr 2015 8:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.6	44.4
170	25.3	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: 17.03 min Scan# 2441

Delta R.T. -0.03 min

Lab File: BG016577.D

Acq: 21 Apr 2015 8:46

Instrument :

BNA_G

ClientSampleId :

MW-25

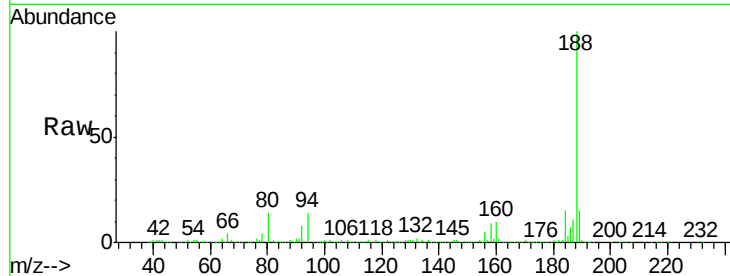
Tot Ion:188 Resp: 404424

Ion Ratio Lower Upper

188 100

94 13.8 12.2 18.4

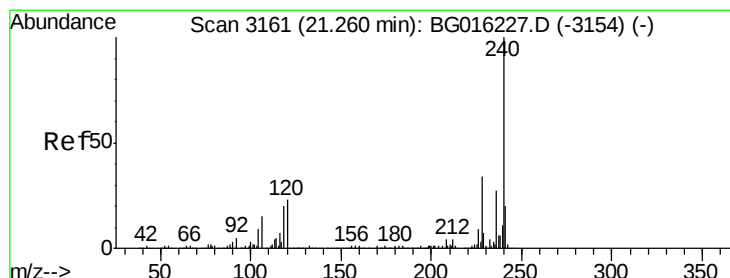
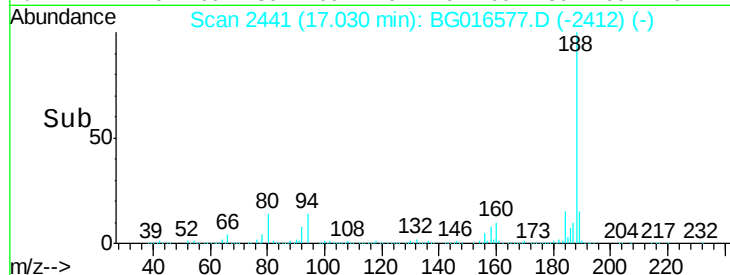
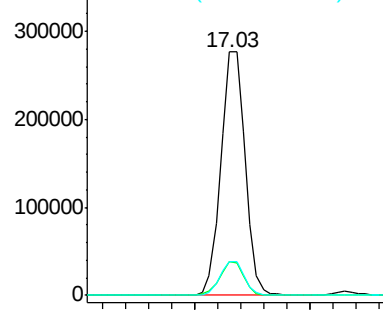
80 13.9 12.8 19.2



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. -0.03 min

Lab File: BG016577.D

Acq: 21 Apr 2015 8:46

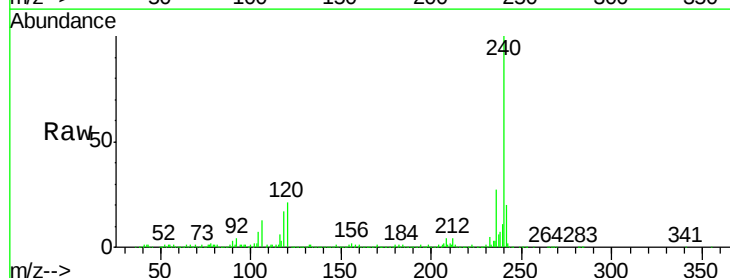
Tgt Ion:240 Resp: 337370

Ion Ratio Lower Upper

240 100

120 20.5 18.6 28.0

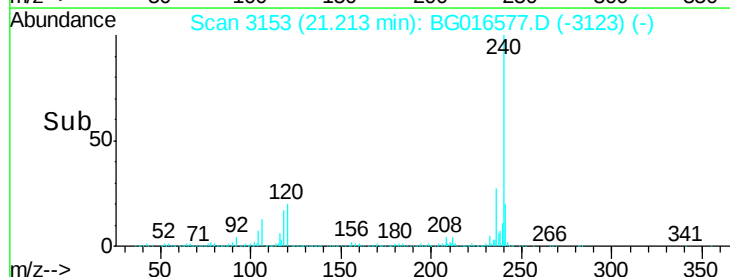
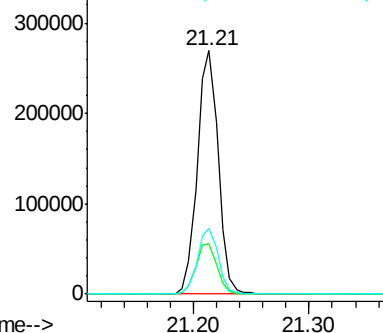
236 27.2 21.7 32.5

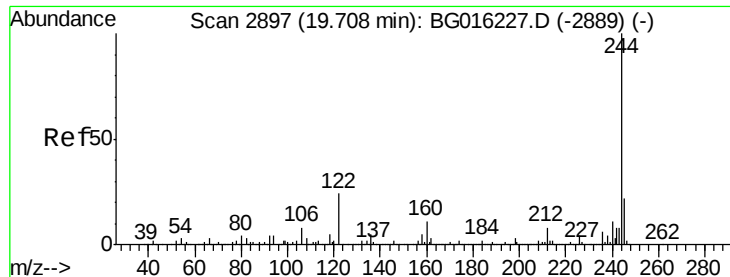


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 69.04 ng

RT: 19.66 min Scan# 2889

Delta R.T. -0.03 min

Lab File: BG016577.D

Acq: 21 Apr 2015 8:46

Instrument :

BNA_G

ClientSampleId :

MW-25

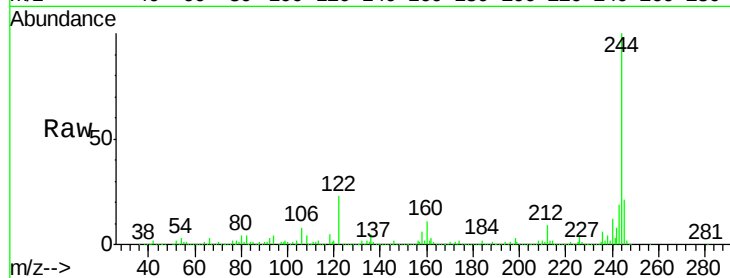
Tot Ion:244 Resp: 995193

Ion Ratio Lower Upper

244 100

212 8.9 6.6 9.8

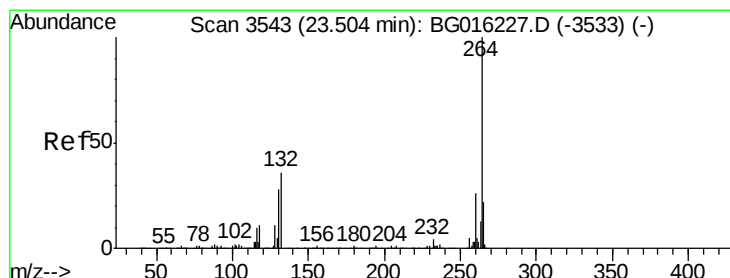
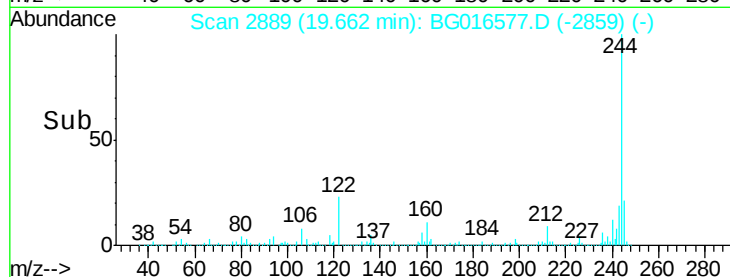
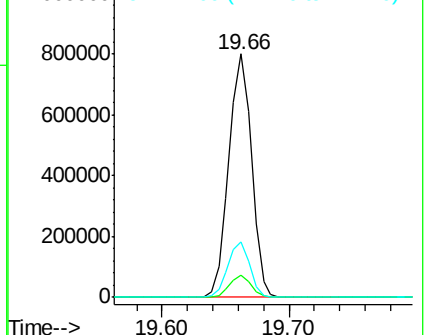
122 22.8 19.1 28.7



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. -0.03 min

Lab File: BG016577.D

Acq: 21 Apr 2015 8:46

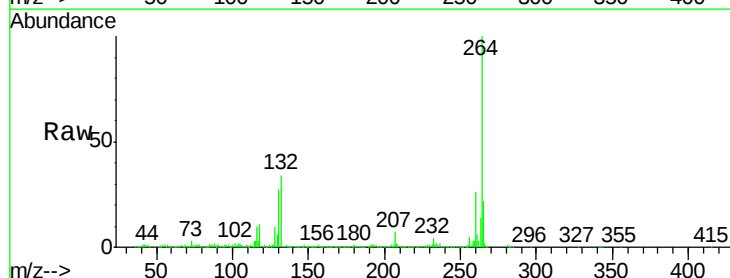
Tgt Ion:264 Resp: 319402

Ion Ratio Lower Upper

264 100

260 26.1 20.4 30.6

265 21.7 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

