

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042015\
 Data File : BG016572.D
 Acq On : 21 Apr 2015 5:52
 Operator : TP/IZ
 Sample : G1898-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-30

Quant Time: Apr 21 06:55:49 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 06:41:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	58186	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	254798	20.00	ng	0.00
38) Acenaphthene-d10	14.29	164	154125	20.00	ng	0.00
63) Phenanthrene-d10	17.03	188	333161	20.00	ng	0.00
75) Chrysene-d12	21.21	240	293616	20.00	ng	0.00
86) Perylene-d12	23.43	264	273386	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	210965	57.22	ng	0.00
7) Phenol-d6	6.84	99	184254	33.29	ng	0.00
23) Nitrobenzene-d5	8.81	82	357920	81.38	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	158431	152.00	ng	0.00
44) 2-Fluorobiphenyl	12.91	172	816228	90.17	ng	0.00
78) Terphenyl-d14	19.66	244	937688	74.74	ng	0.00

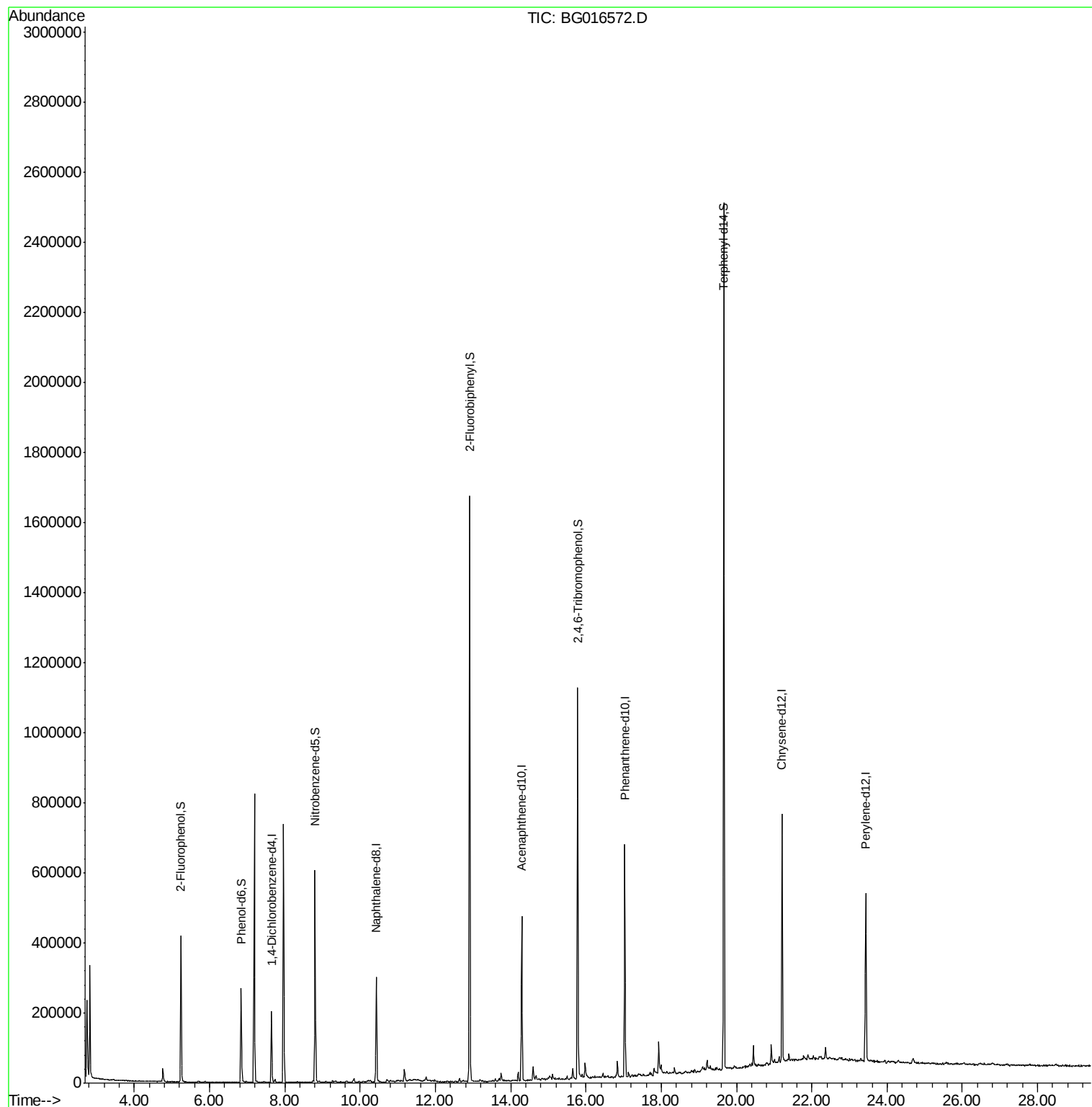
Target Compounds Qvalue

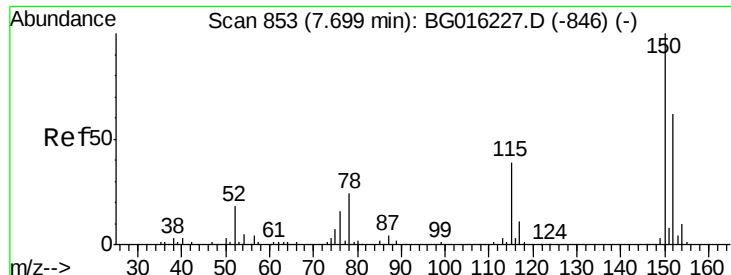
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.65 min Scan# 844

Delta R.T. -0.00 min

Lab File: BG016572.D

Acq: 21 Apr 2015 5:52

Instrument :

BNA_G

ClientSampleId :

MW-30

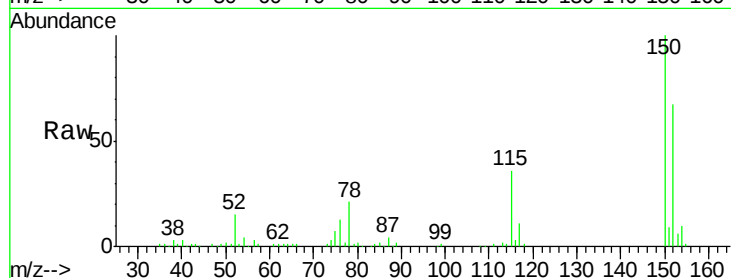
Tot Ion:152 Resp: 58186

Ion Ratio Lower Upper

152 100

150 149.0 130.1 195.1

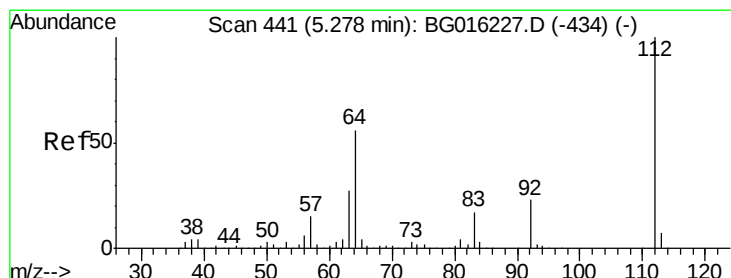
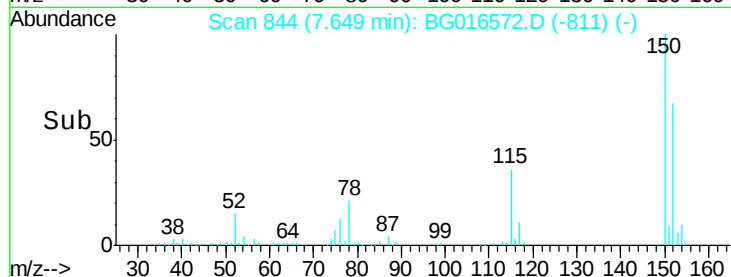
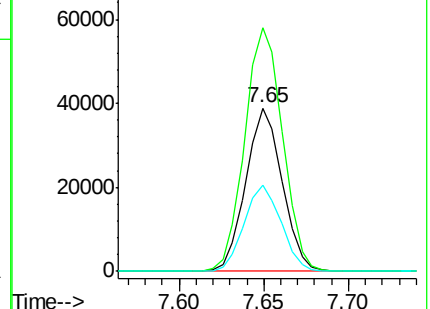
115 52.9 50.5 75.7



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: 57.22 ng

RT: 5.25 min Scan# 435

Delta R.T. 0.00 min

Lab File: BG016572.D

Acq: 21 Apr 2015 5:52

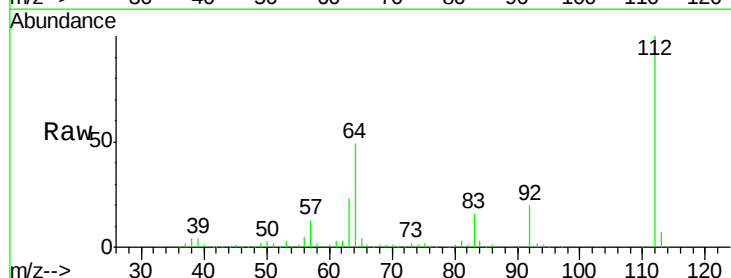
Tgt Ion:112 Resp: 210965

Ion Ratio Lower Upper

112 100

64 48.7 44.5 66.7

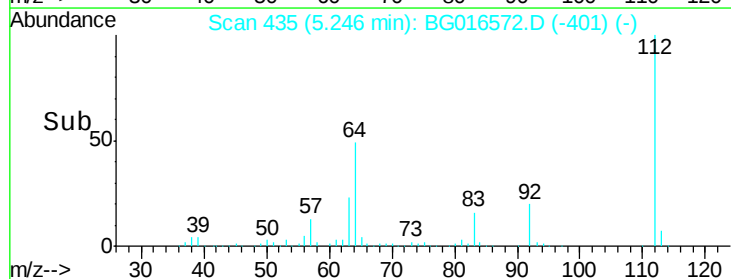
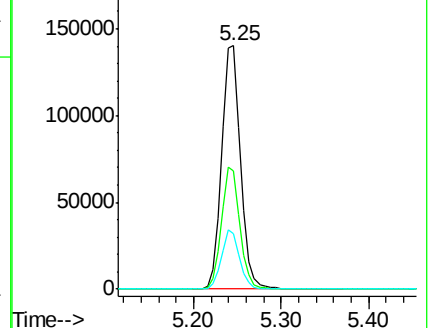
63 22.7 21.4 32.0

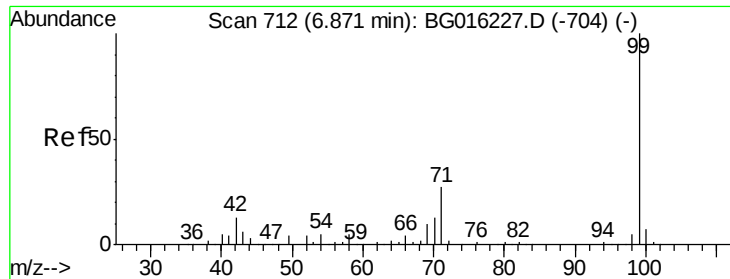


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 33.29 ng

RT: 6.84 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG016572.D

Acq: 21 Apr 2015 5:52

Instrument :

BNA_G

ClientSampleId :

MW-30

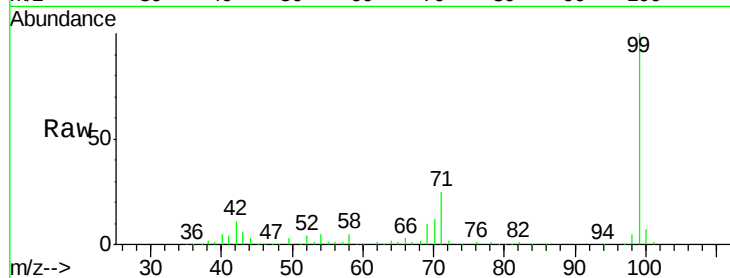
Tot Ion: 99 Resp: 184254

Ion Ratio Lower Upper

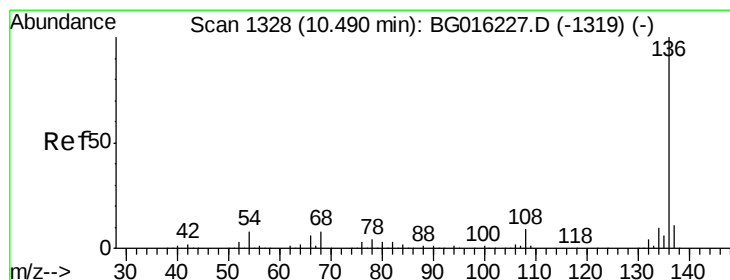
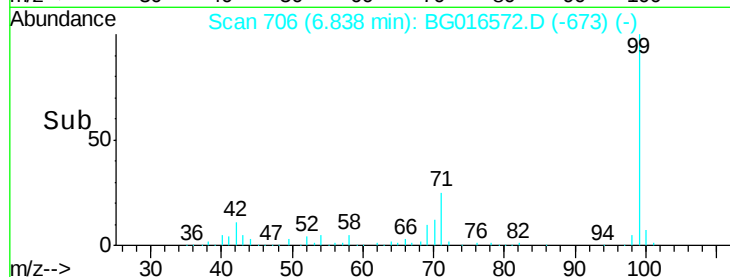
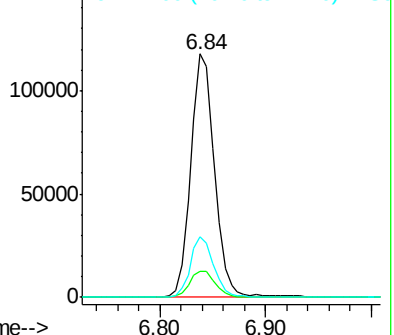
99 100

42 10.7 10.0 15.0

71 24.7 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. -0.00 min

Lab File: BG016572.D

Acq: 21 Apr 2015 5:52

Tgt Ion: 136 Resp: 254798

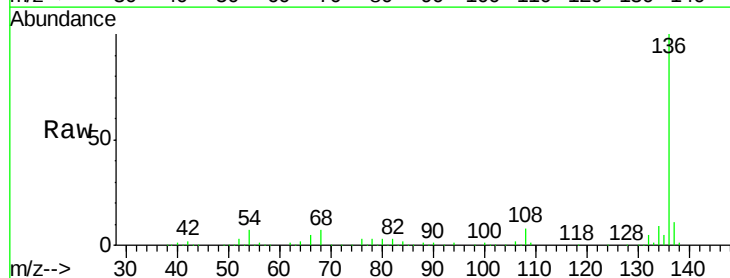
Ion Ratio Lower Upper

136 100

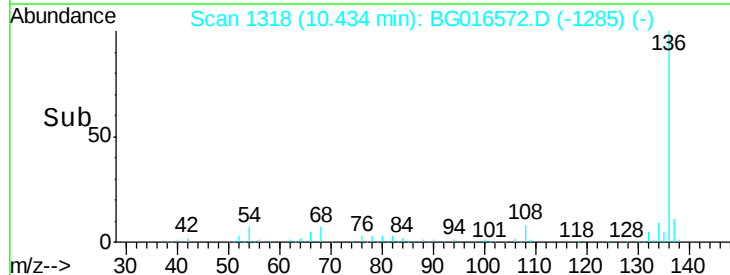
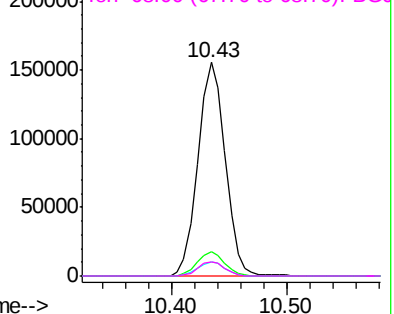
137 11.4 8.7 13.1

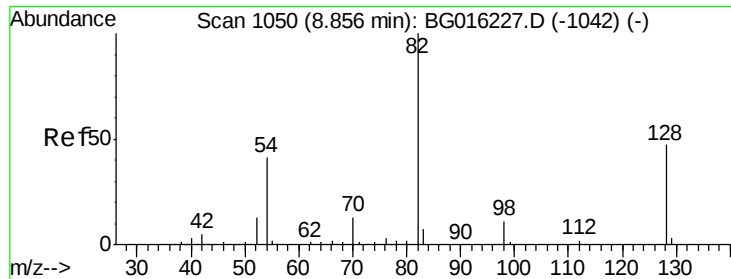
54 6.7 6.3 9.5

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

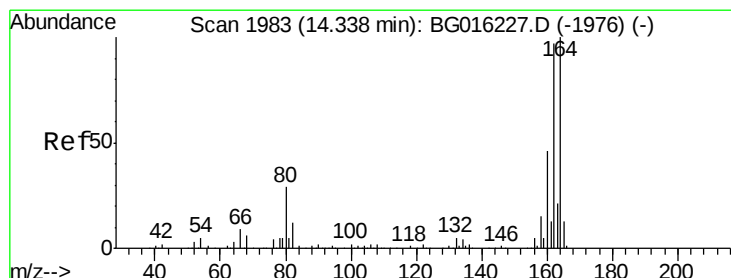
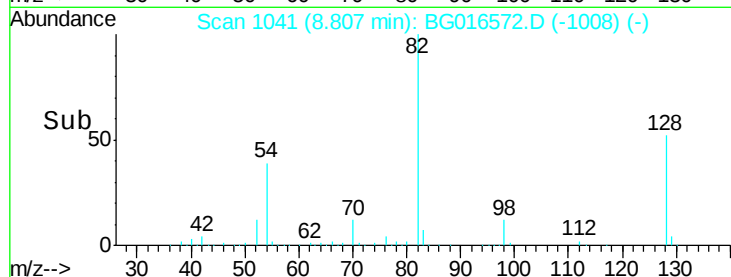
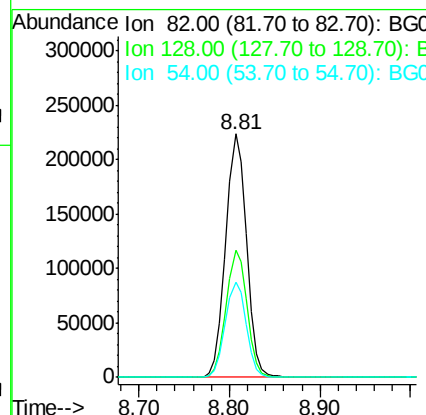
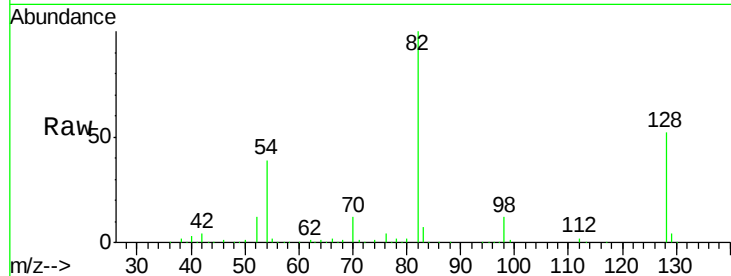




#23
 Nitrobenzene-d5
 Concen: 81.38 ng
 RT: 8.81 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BG016572.D
 Acq: 21 Apr 2015 5:52

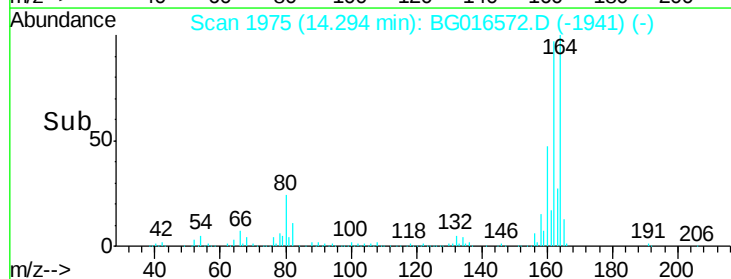
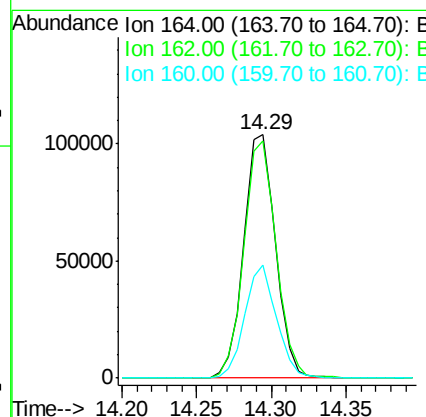
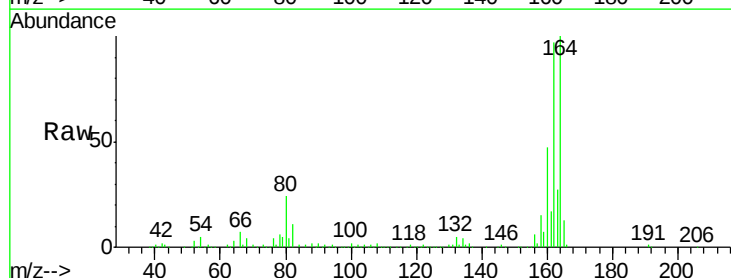
Instrument :
 BNA_G
 ClientSampleId :
 MW-30

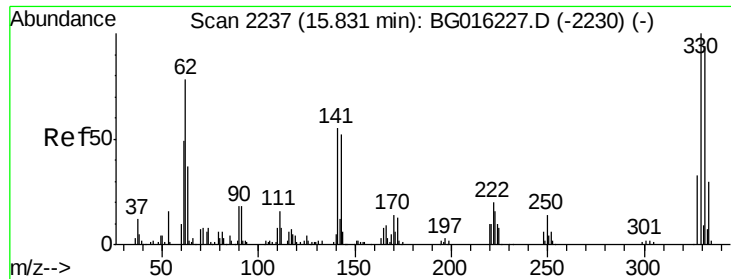
Tot Ion	82	Resp	357920
Ion Ratio	100	Lower	Upper
128	52.2	37.8	56.8
54	39.1	32.6	49.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.29 min Scan# 1975
 Delta R.T. 0.00 min
 Lab File: BG016572.D
 Acq: 21 Apr 2015 5:52

Tgt Ion	164	Resp	154125
Ion Ratio	100	Lower	Upper
162	97.3	77.3	115.9
160	46.5	36.7	55.1

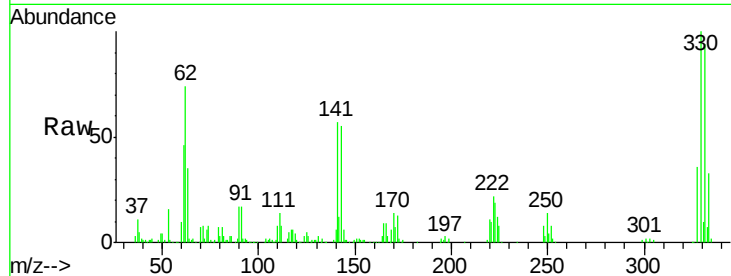




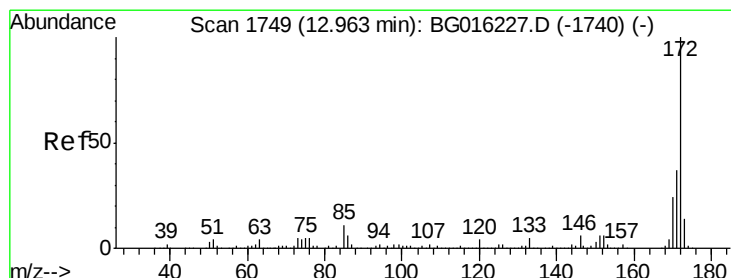
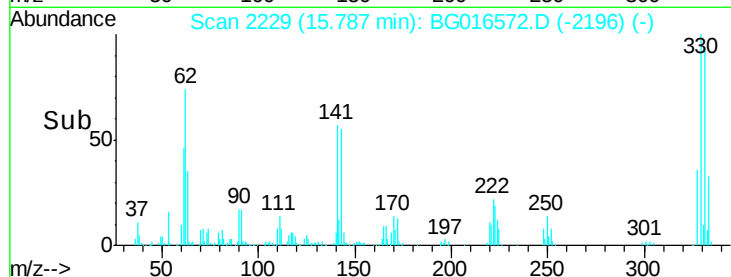
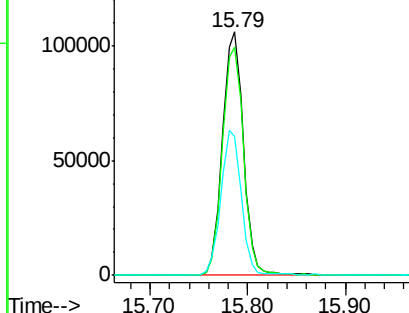
#41
 2,4,6-Tribromophenol
 Concen: 152.00 ng
 RT: 15.79 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG016572.D
 Acq: 21 Apr 2015 5:52

Instrument :
 BNA_G
 ClientSampleId :
 MW-30

Tot Ion:330 Resp: 158431
 Ion Ratio Lower Upper
 330 100
 332 95.1 75.8 113.6
 141 58.2 46.6 69.8

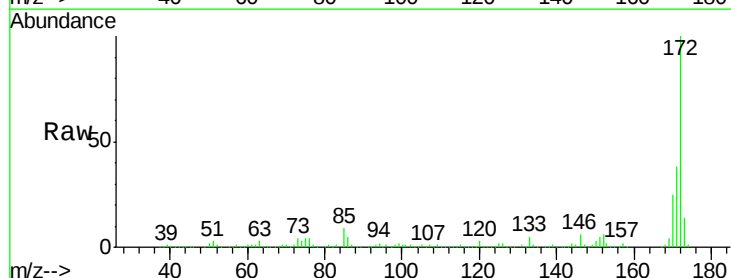


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

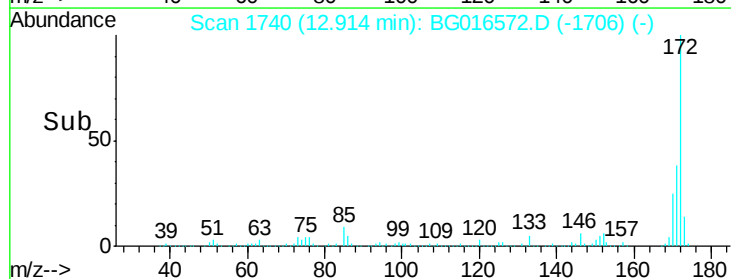
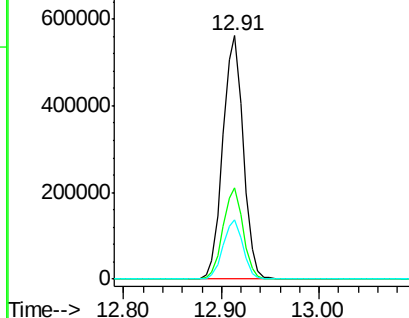


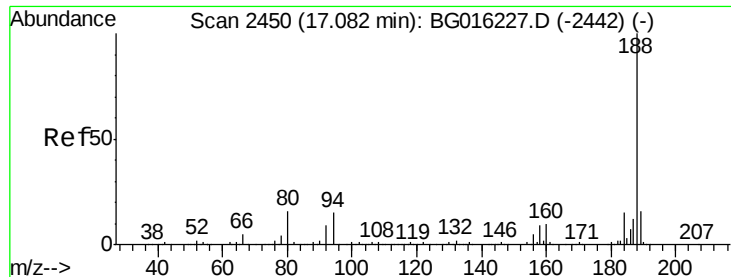
#44
 2-Fluorobiphenyl
 Concen: 90.17 ng
 RT: 12.91 min Scan# 1740
 Delta R.T. 0.00 min
 Lab File: BG016572.D
 Acq: 21 Apr 2015 5:52

Tgt Ion:172 Resp: 816228
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.6 44.4
 170 24.6 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. -0.00 min

Lab File: BG016572.D

Acq: 21 Apr 2015 5:52

Instrument :

BNA_G

ClientSampleId :

MW-30

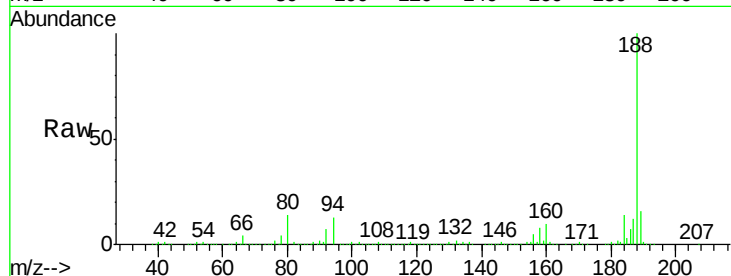
Tot Ion:188 Resp: 333161

Ion Ratio Lower Upper

188 100

94 13.2 12.2 18.4

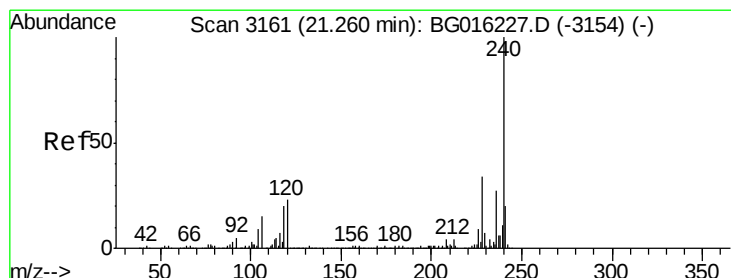
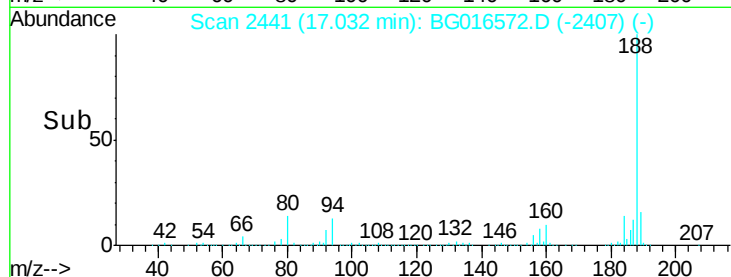
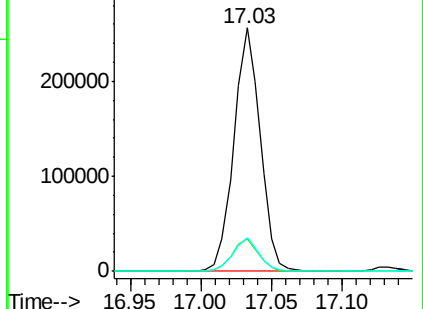
80 13.8 12.8 19.2



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# 3152

Delta R.T. -0.00 min

Lab File: BG016572.D

Acq: 21 Apr 2015 5:52

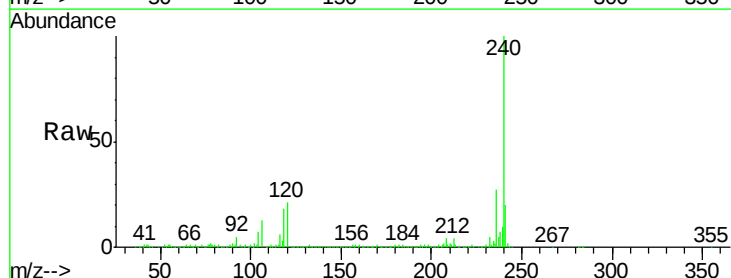
Tgt Ion:240 Resp: 293616

Ion Ratio Lower Upper

240 100

120 21.5 18.6 28.0

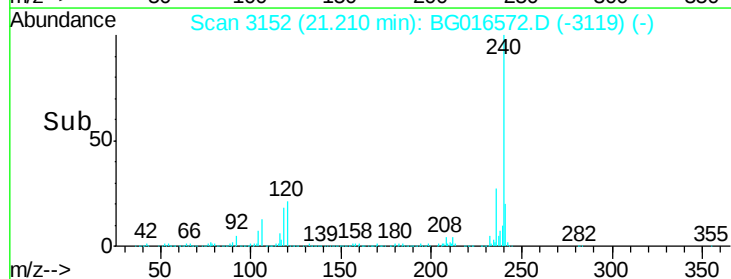
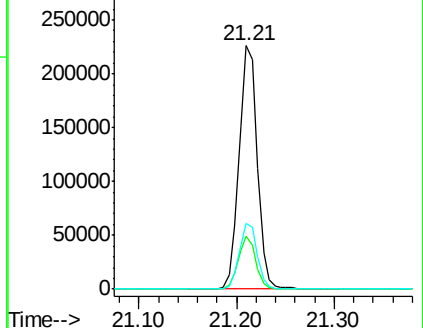
236 27.1 21.7 32.5

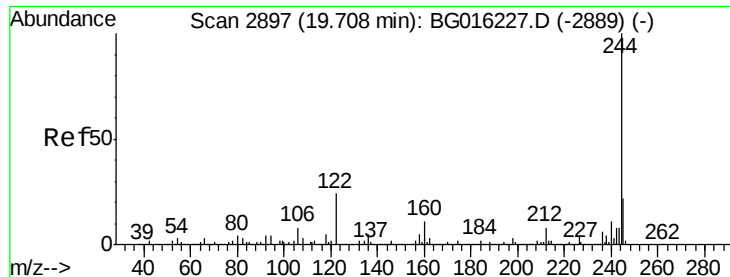


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 74.74 ng

RT: 19.66 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BG016572.D

Acq: 21 Apr 2015 5:52

Instrument :

BNA_G

ClientSampleId :

MW-30

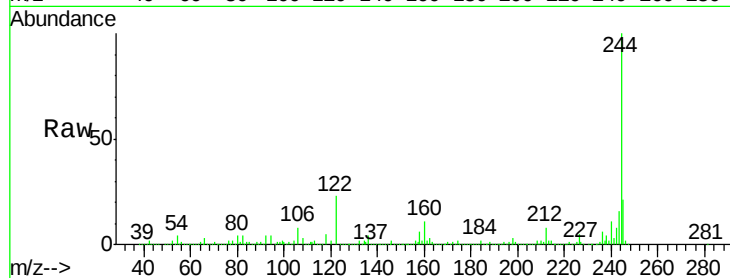
Tot Ion:244 Resp: 937688

Ion Ratio Lower Upper

244 100

212 8.4 6.6 9.8

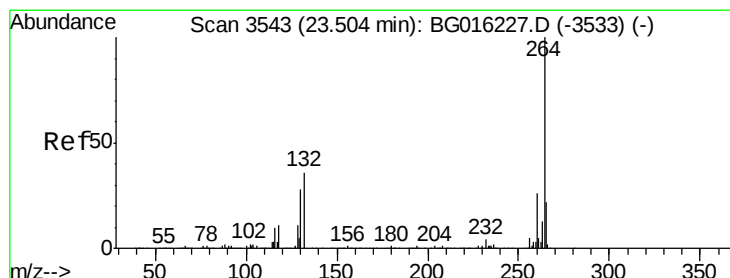
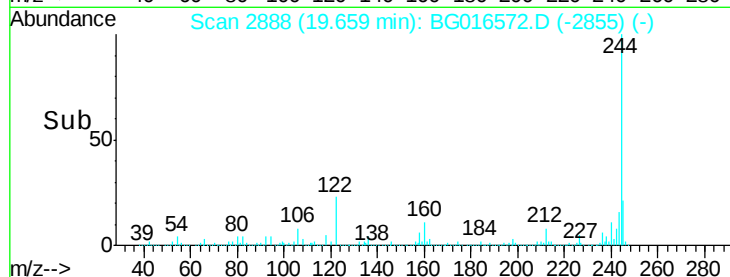
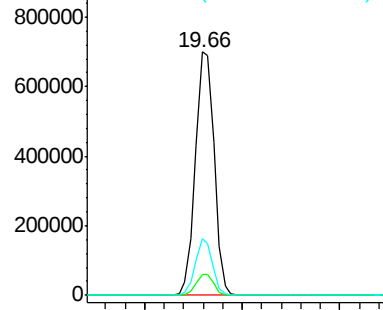
122 23.4 19.1 28.7



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: 23.43 min Scan# 3530

Delta R.T. -0.00 min

Lab File: BG016572.D

Acq: 21 Apr 2015 5:52

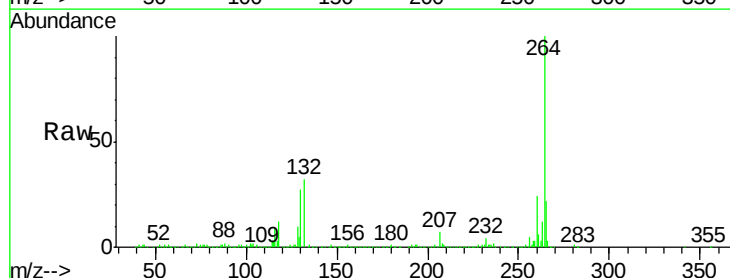
Tgt Ion:264 Resp: 273386

Ion Ratio Lower Upper

264 100

260 24.1 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

