

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042015\
 Data File : BG016557.D
 Acq On : 20 Apr 2015 18:41
 Operator : TP/IZ
 Sample : G1898-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-42

Quant Time: Apr 21 01:53:09 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 01:34:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	64634	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	281709	20.00	ng	0.00
38) Acenaphthene-d10	14.29	164	168285	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	361188	20.00	ng	0.00
75) Chrysene-d12	21.21	240	318140	20.00	ng	0.00
86) Perylene-d12	23.43	264	297065	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	248906	60.78	ng	0.00
7) Phenol-d6	6.84	99	213389	34.71	ng	0.00
23) Nitrobenzene-d5	8.81	82	415841	85.51	ng	0.00
41) 2,4,6-Tribromophenol	15.78	330	176076	154.71	ng	0.00
44) 2-Fluorobiphenyl	12.91	172	920597	93.14	ng	0.00
78) Terphenyl-d14	19.66	244	1086641	79.94	ng	0.00

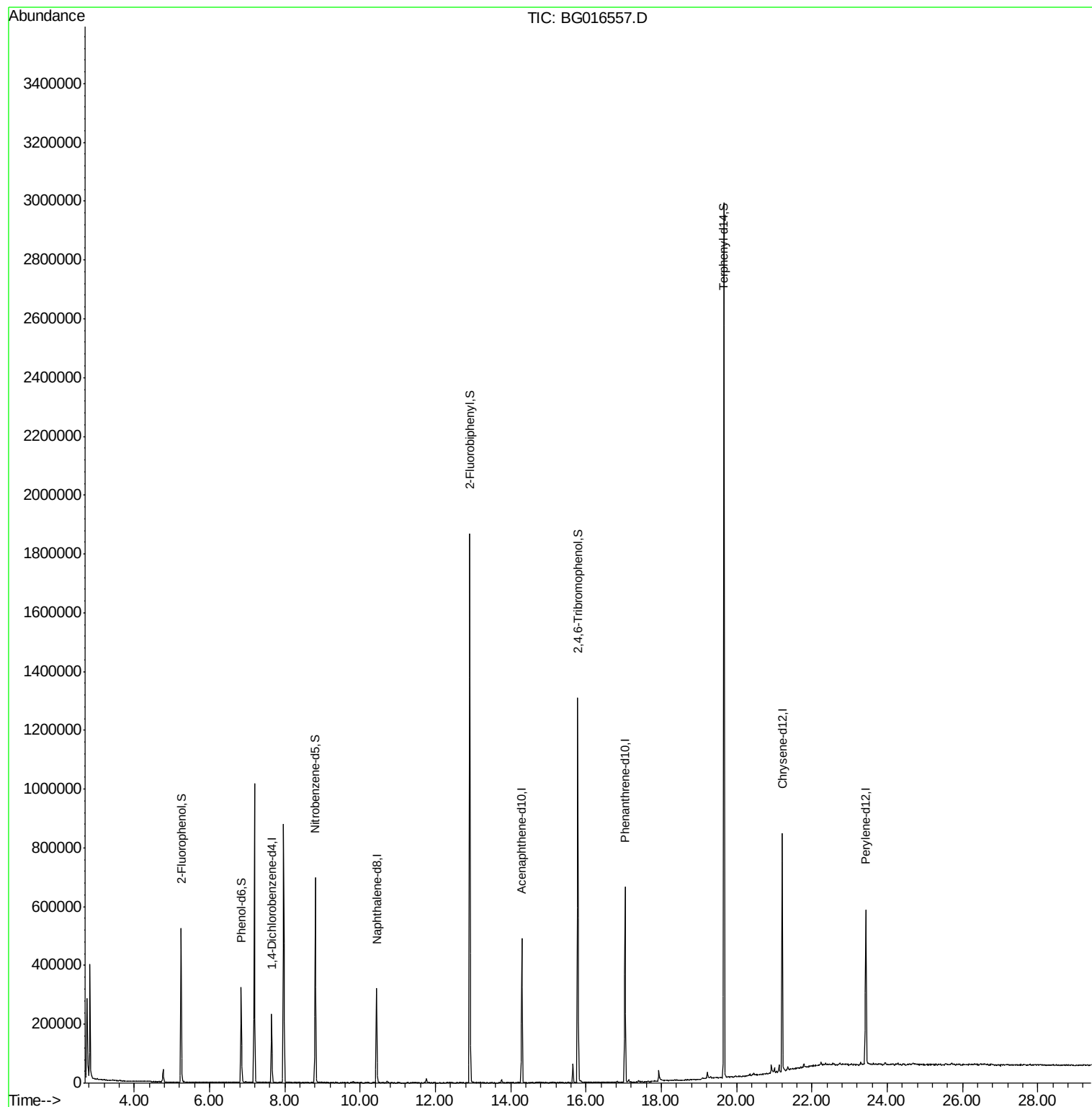
Target Compounds	Qvalue
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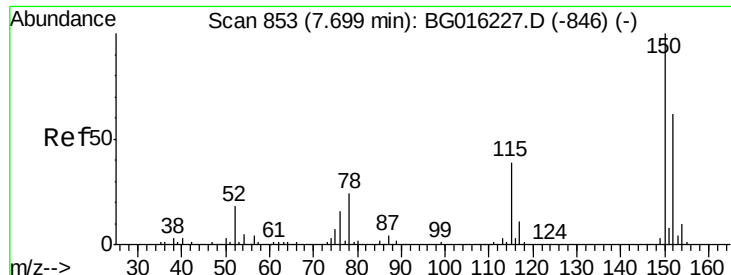
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.65 min Scan# 845

Delta R.T. 0.01 min

Lab File: BG016557.D

Acq: 20 Apr 2015 18:41

Instrument :

BNA_G

ClientSampleId :

MW-42

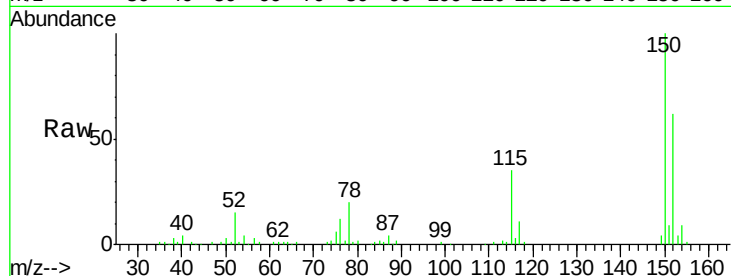
Tgt Ion:152 Resp: 64634

Ion Ratio Lower Upper

152 100

150 160.6 130.1 195.1

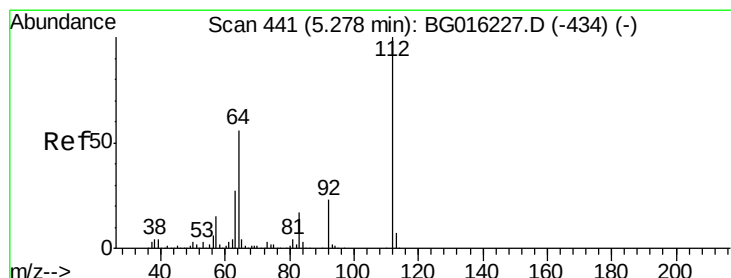
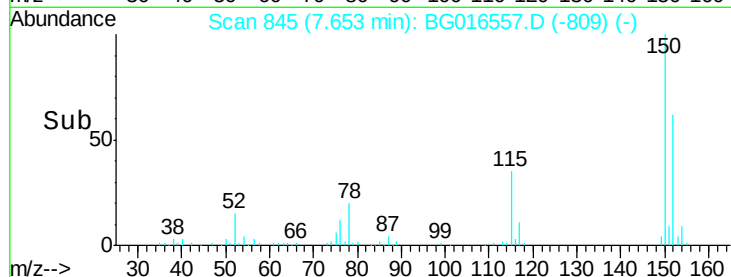
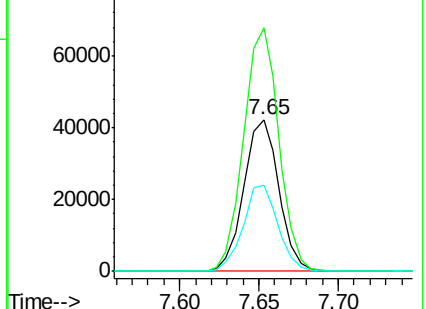
115 56.6 50.5 75.7



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: 60.78 ng

RT: 5.24 min Scan# 435

Delta R.T. 0.01 min

Lab File: BG016557.D

Acq: 20 Apr 2015 18:41

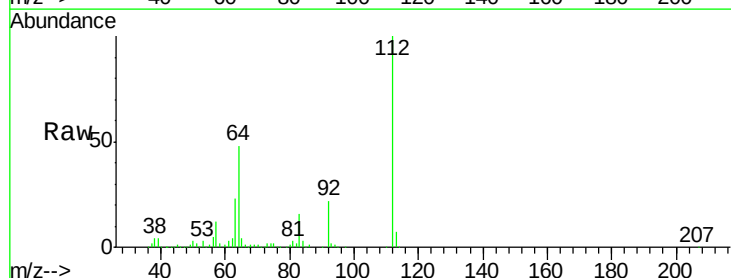
Tgt Ion:112 Resp: 248906

Ion Ratio Lower Upper

112 100

64 48.5 44.5 66.7

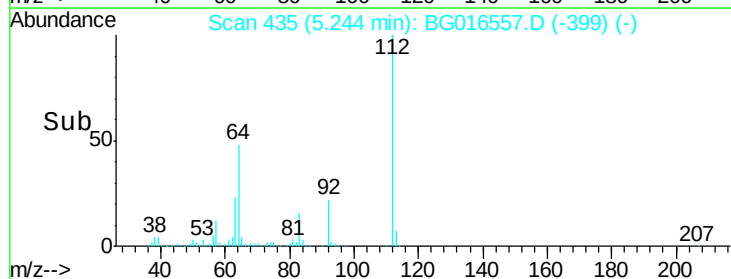
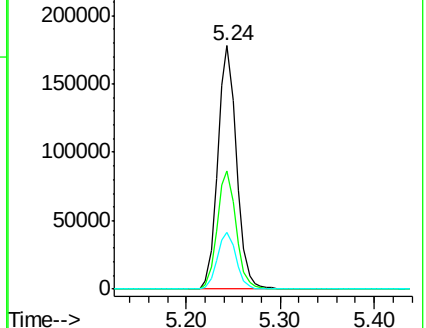
63 23.4 21.4 32.0

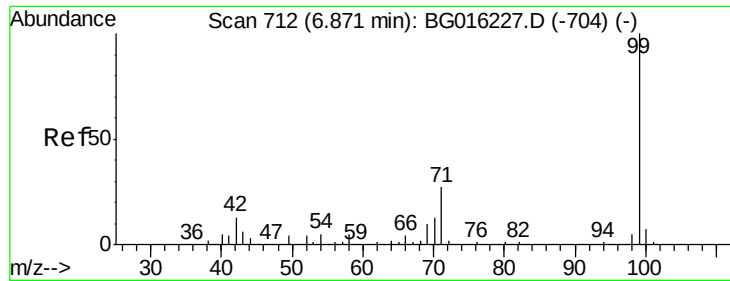


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 34.71 ng

RT: 6.84 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG016557.D

Acq: 20 Apr 2015 18:41

Instrument :

BNA_G

ClientSampleId :

MW-42

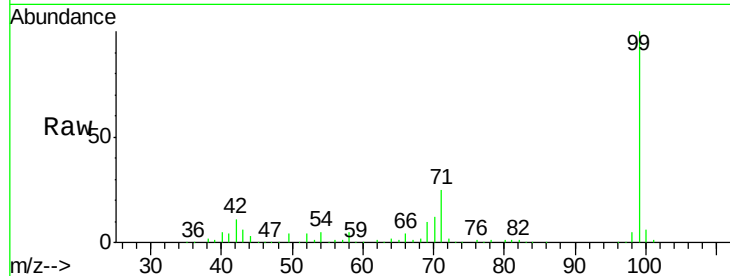
Tgt Ion: 99 Resp: 213389

Ion Ratio Lower Upper

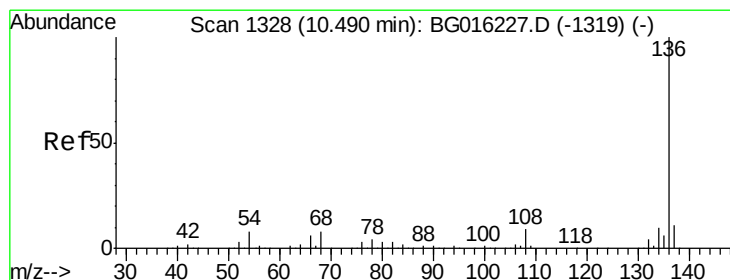
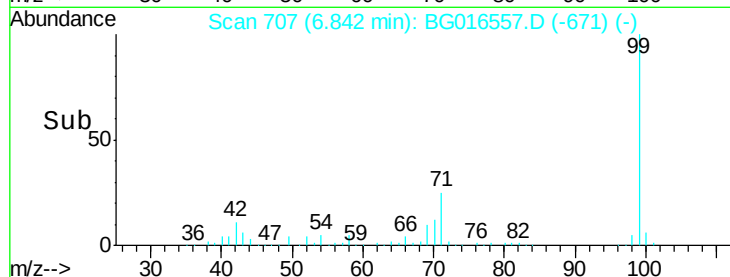
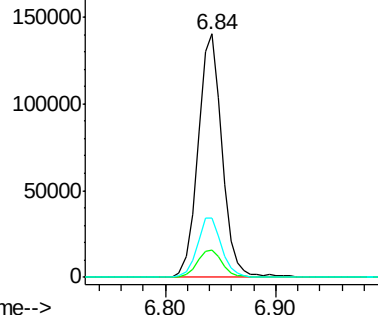
99 100

42 11.4 10.0 15.0

71 24.6 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: BG016557.D

Acq: 20 Apr 2015 18:41

Tgt Ion: 136 Resp: 281709

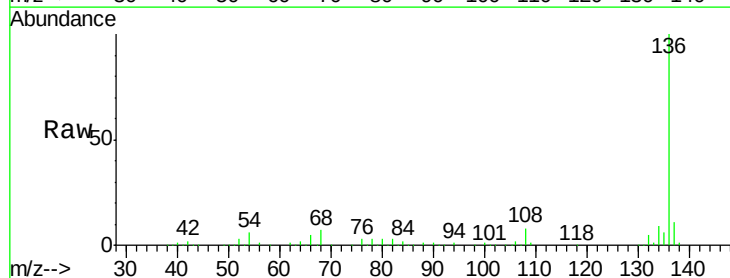
Ion Ratio Lower Upper

136 100

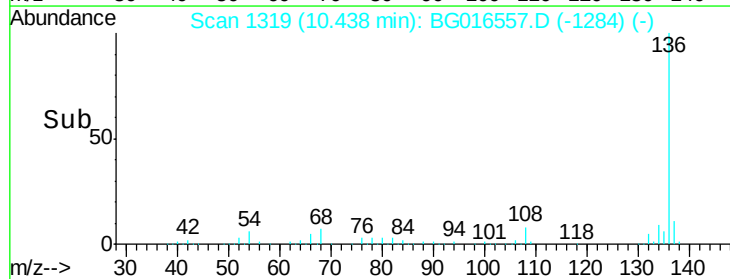
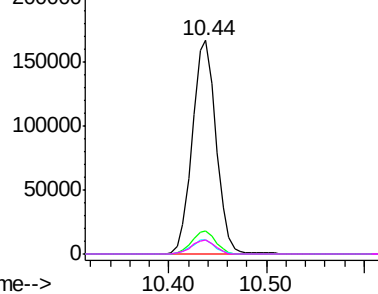
137 11.0 8.7 13.1

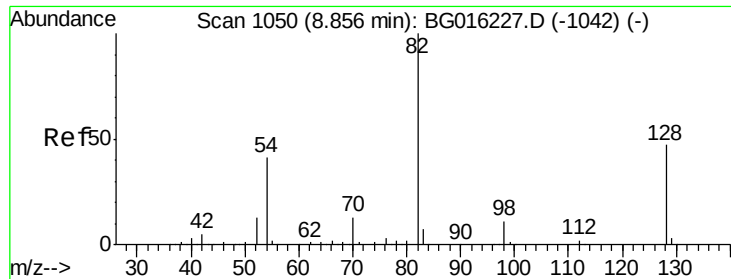
54 6.5 6.3 9.5

68 6.9 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

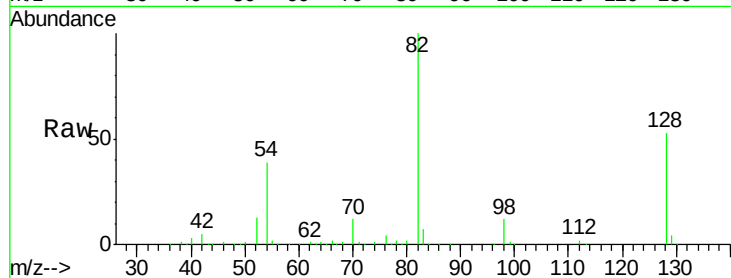




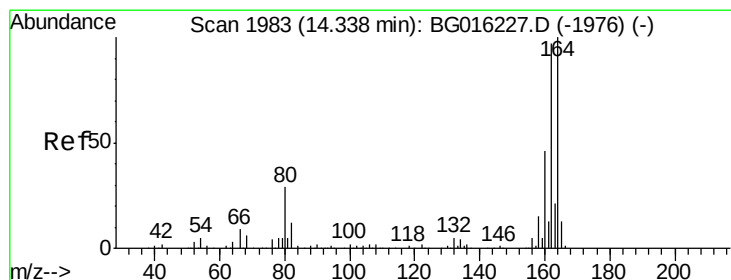
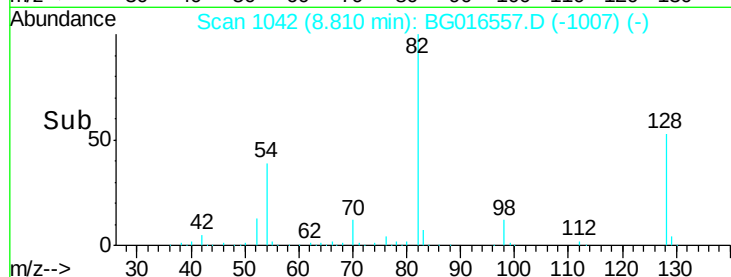
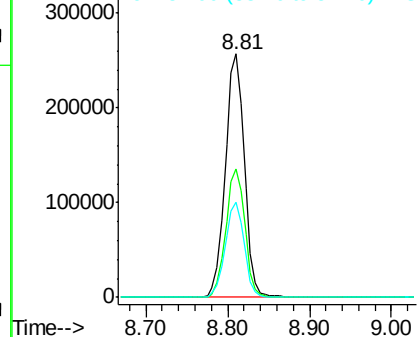
#23
 Nitrobenzene-d5
 Concen: 85.51 ng
 RT: 8.81 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BG016557.D
 Acq: 20 Apr 2015 18:41

Instrument :
 BNA_G
 ClientSampled :
 MW-42

Tgt Ion: 82 Resp: 415841
 Ion Ratio Lower Upper
 82 100
 128 52.8 37.8 56.8
 54 39.3 32.6 49.0

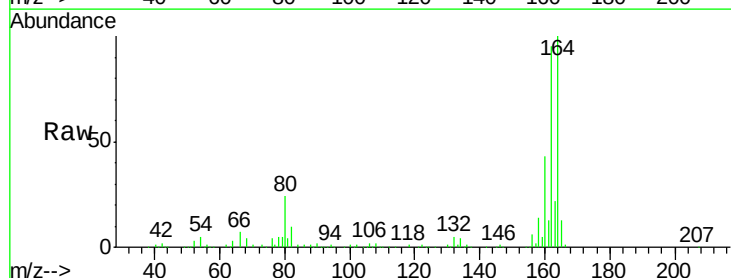


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

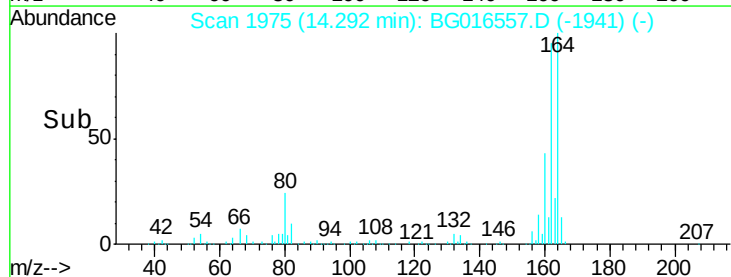
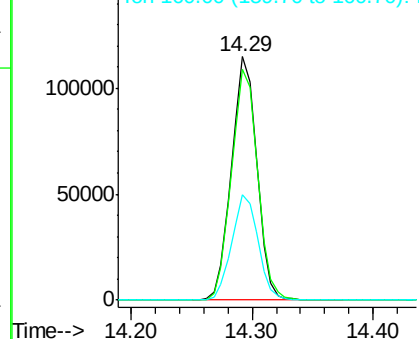


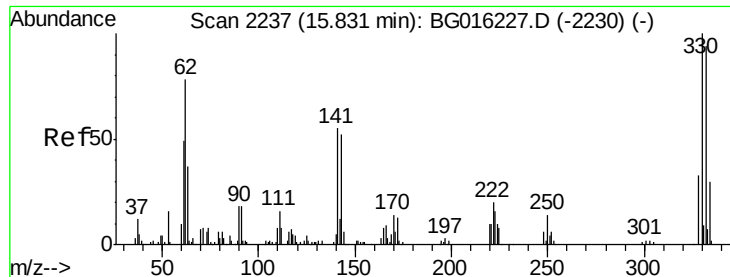
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.29 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BG016557.D
 Acq: 20 Apr 2015 18:41

Tgt Ion: 164 Resp: 168285
 Ion Ratio Lower Upper
 164 100
 162 94.7 77.3 115.9
 160 43.3 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

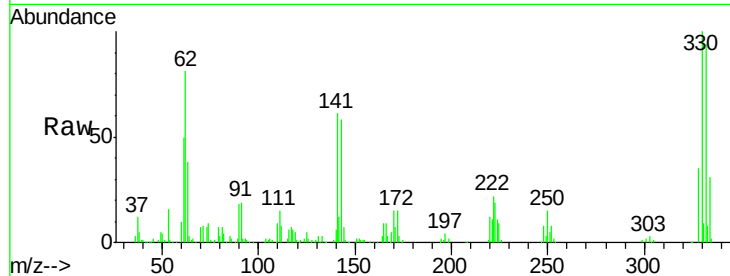




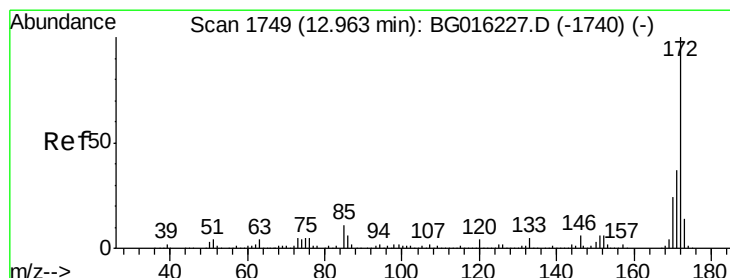
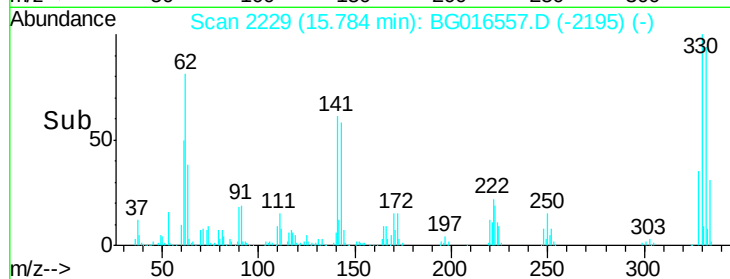
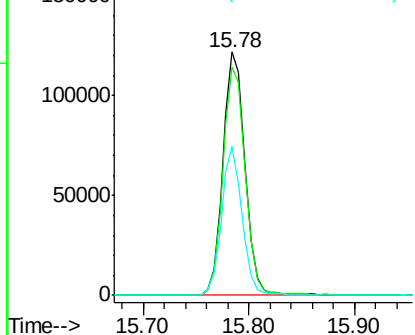
#41
 2,4,6-Tribromophenol
 Concen: 154.71 ng
 RT: 15.78 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG016557.D
 Acq: 20 Apr 2015 18:41

Instrument :
 BNA_G
 ClientSampleId :
 MW-42

Tgt Ion: 330 Resp: 176076
 Ion Ratio Lower Upper
 330 100
 332 94.9 75.8 113.6
 141 57.2 46.6 69.8

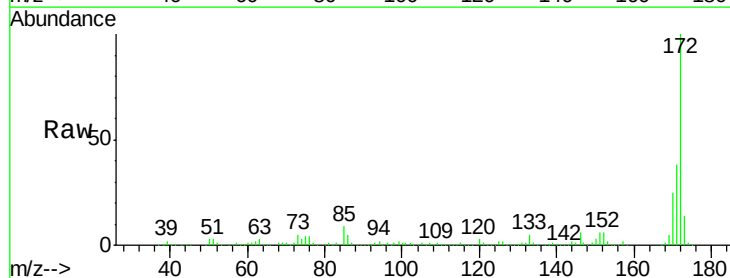


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

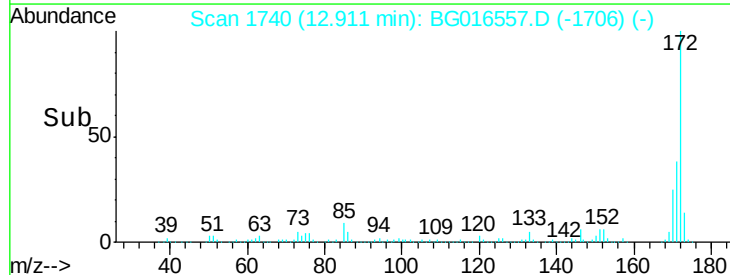
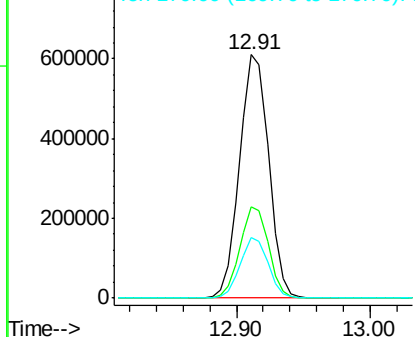


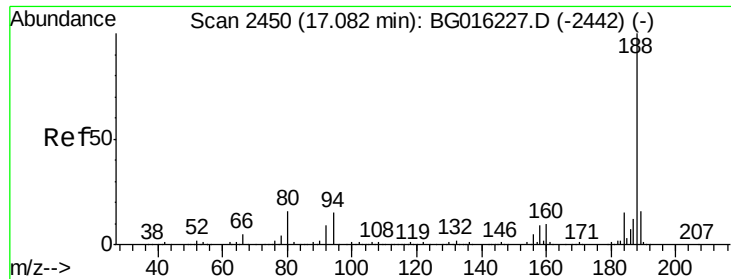
#44
 2-Fluorobiphenyl
 Concen: 93.14 ng
 RT: 12.91 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG016557.D
 Acq: 20 Apr 2015 18:41

Tgt Ion: 172 Resp: 920597
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.6 44.4
 170 25.0 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: BG016557.D

Acq: 20 Apr 2015 18:41

Instrument :

BNA_G

ClientSampleId :

MW-42

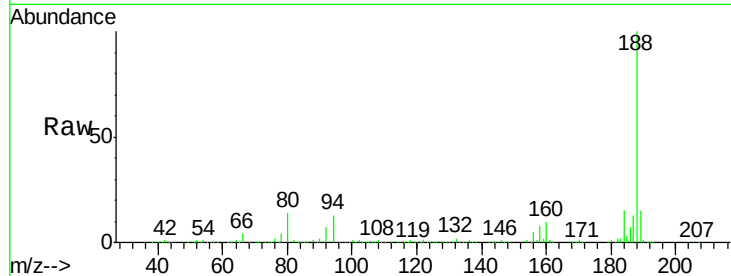
Tgt Ion:188 Resp: 361188

Ion Ratio Lower Upper

188 100

94 13.4 12.2 18.4

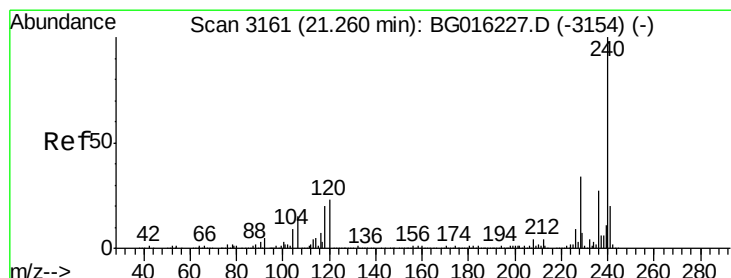
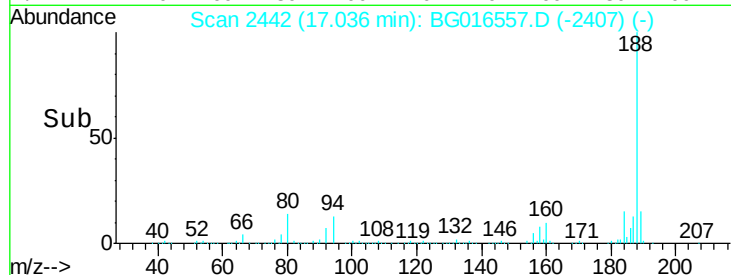
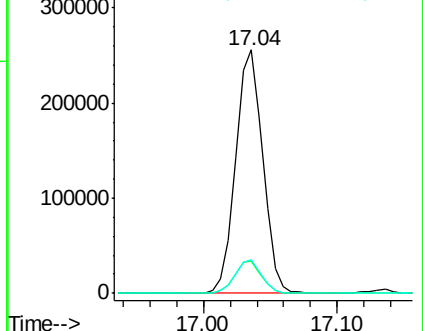
80 13.6 12.8 19.2



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: BG016557.D

Acq: 20 Apr 2015 18:41

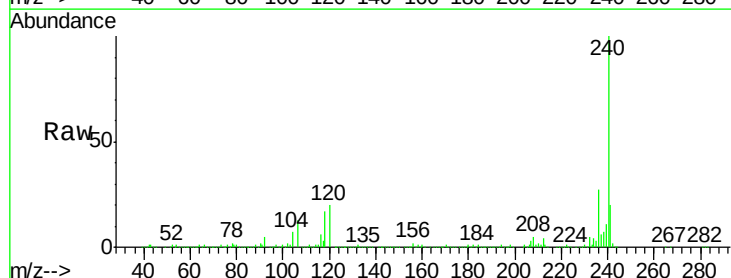
Tgt Ion:240 Resp: 318140

Ion Ratio Lower Upper

240 100

120 20.4 18.6 28.0

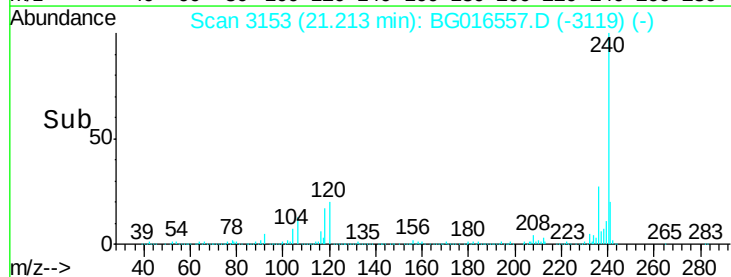
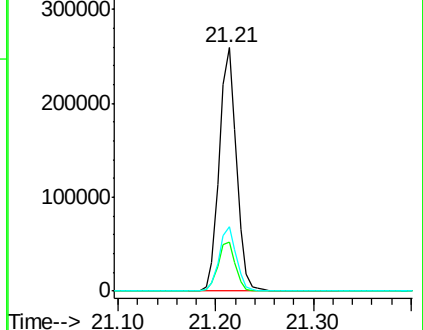
236 26.7 21.7 32.5

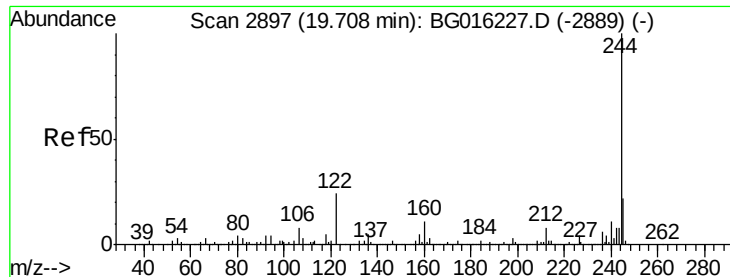


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 79.94 ng

RT: 19.66 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG016557.D

Acq: 20 Apr 2015 18:41

Instrument :

BNA_G

ClientSampled :

MW-42

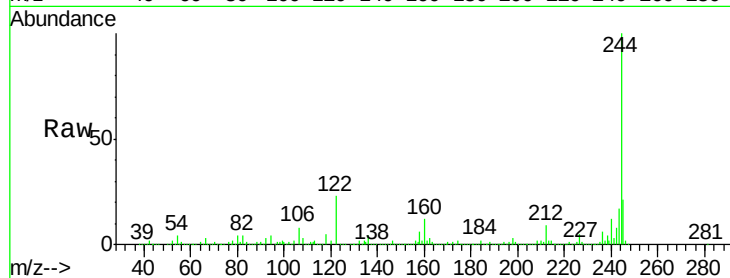
Tgt Ion:244 Resp: 1086641

Ion Ratio Lower Upper

244 100

212 8.7 6.6 9.8

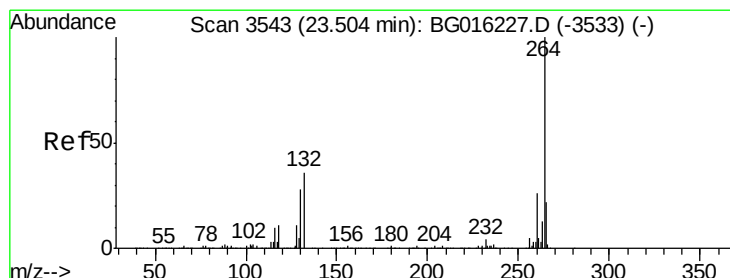
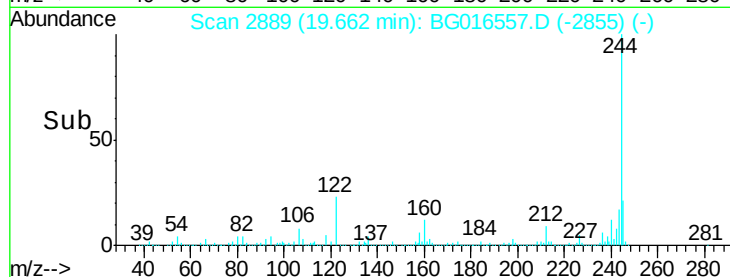
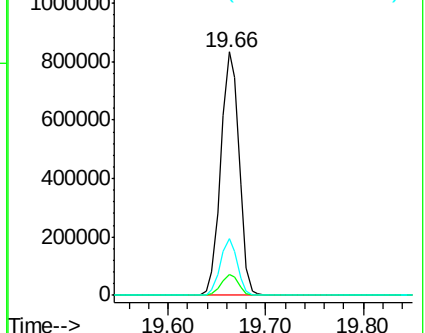
122 23.1 19.1 28.7



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: BG016557.D

Acq: 20 Apr 2015 18:41

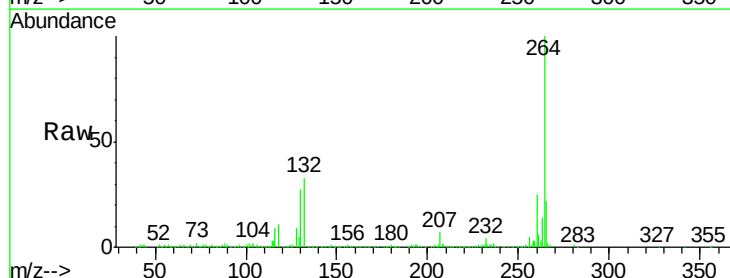
Tgt Ion:264 Resp: 297065

Ion Ratio Lower Upper

264 100

260 25.0 20.4 30.6

265 22.3 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

