

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042015\
 Data File : BG016559.D
 Acq On : 20 Apr 2015 19:51
 Operator : TP/IZ
 Sample : G1898-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-53

Quant Time: Apr 21 02:14:28 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	63008	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	276687	20.00	ng	0.00
38) Acenaphthene-d10	14.29	164	175705	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	359771	20.00	ng	0.00
75) Chrysene-d12	21.21	240	308016	20.00	ng	0.00
86) Perylene-d12	23.43	264	290234	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	256506	64.25	ng	0.00
7) Phenol-d6	6.84	99	224282	37.42	ng	0.00
23) Nitrobenzene-d5	8.81	82	408320	85.49	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	174067	146.49	ng	0.00
44) 2-Fluorobiphenyl	12.92	172	915885	88.75	ng	0.00
78) Terphenyl-d14	19.66	244	990142	75.23	ng	0.00

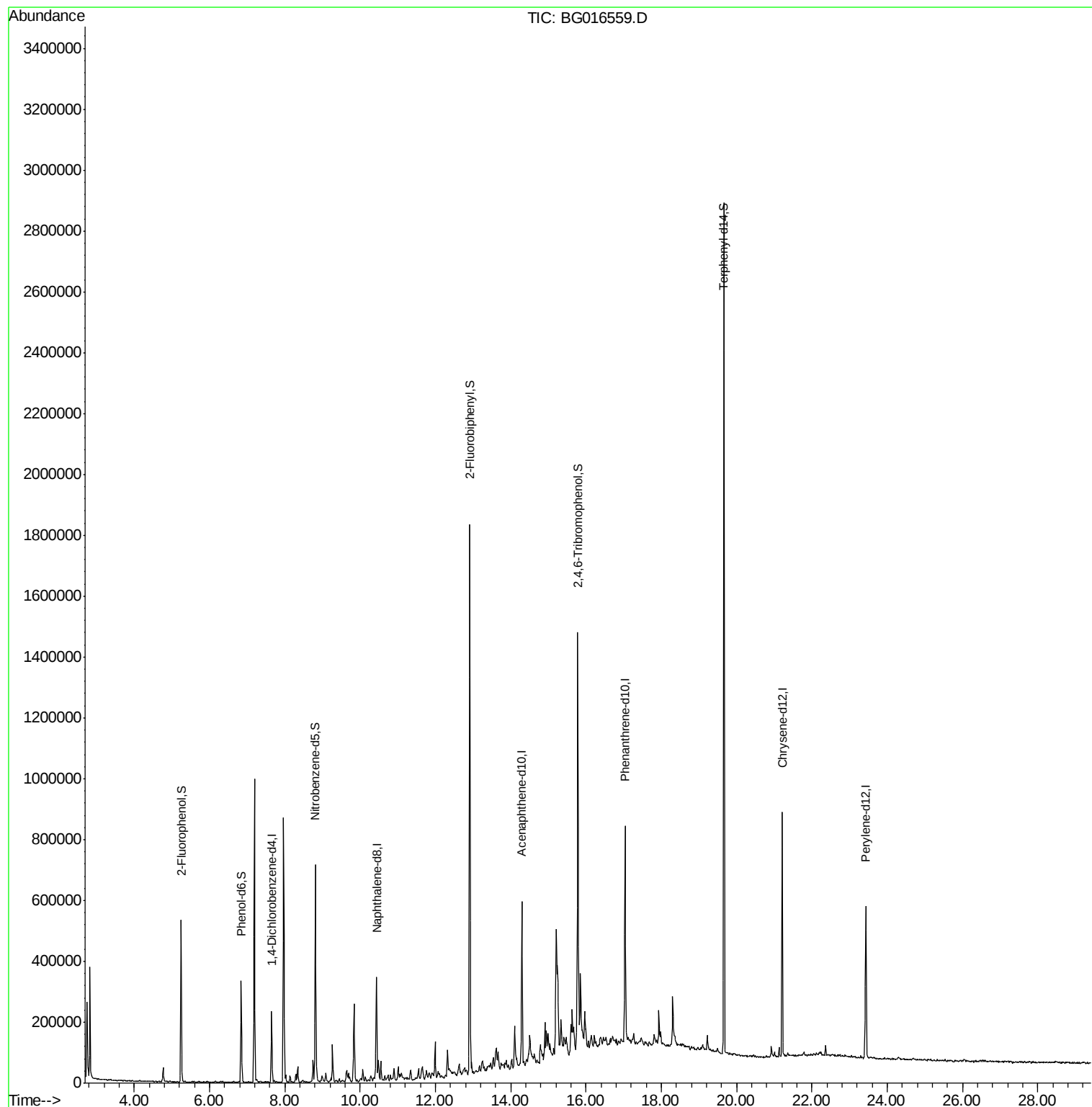
Target Compounds Qvalue

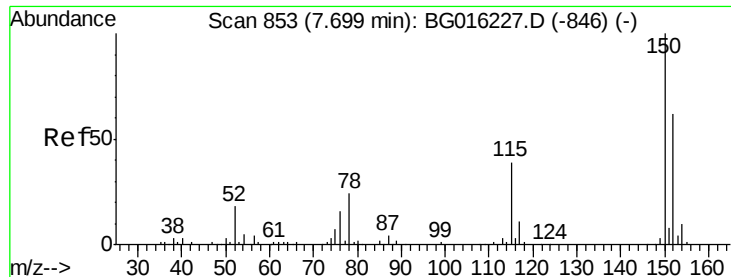
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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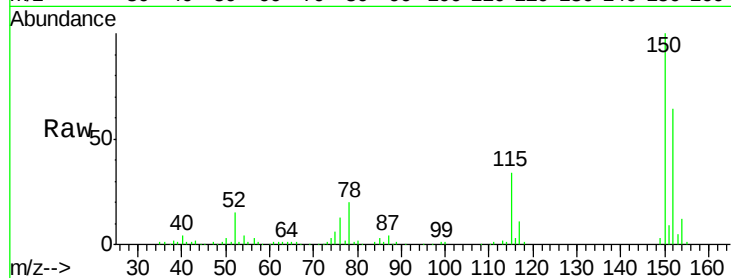


#1

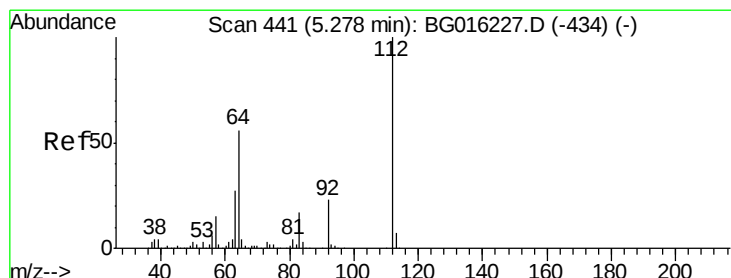
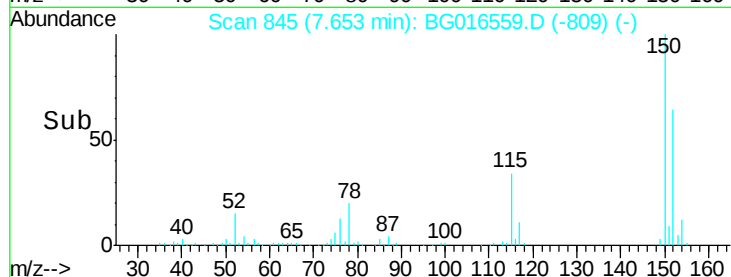
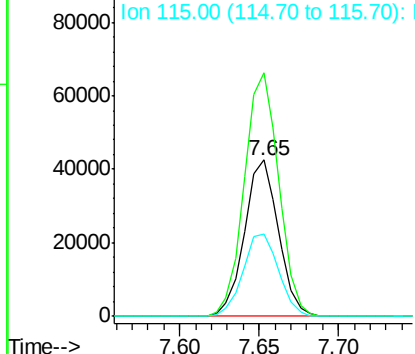
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.65 min Scan# 845
 Delta R.T. 0.01 min
 Lab File: BG016559.D
 Acq: 20 Apr 2015 19:51

Instrument :
 BNA_G
 ClientSampleId :
 MW-53

Tot Ion:152 Resp: 63008
 Ion Ratio Lower Upper
 152 100
 150 155.8 130.1 195.1
 115 52.6 50.5 75.7



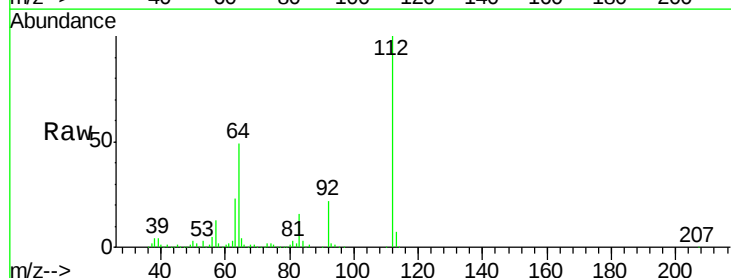
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



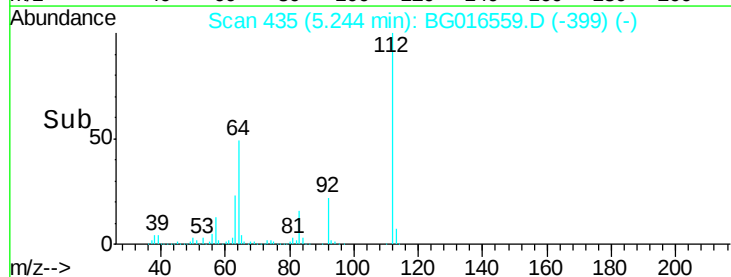
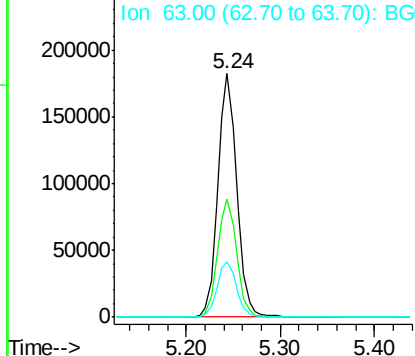
#5

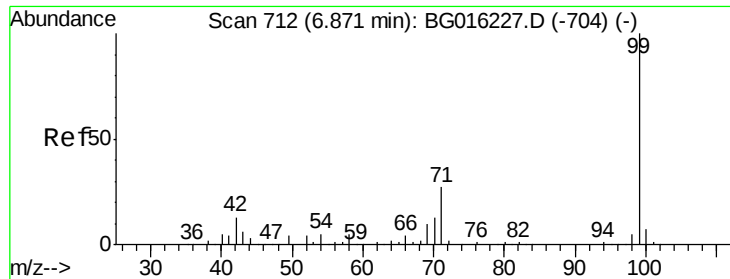
2-Fluorophenol
 Concen: 64.25 ng
 RT: 5.24 min Scan# 435
 Delta R.T. 0.01 min
 Lab File: BG016559.D
 Acq: 20 Apr 2015 19:51

Tgt Ion:112 Resp: 256506
 Ion Ratio Lower Upper
 112 100
 64 48.7 44.5 66.7
 63 22.8 21.4 32.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 37.42 ng

RT: 6.84 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG016559.D

Acq: 20 Apr 2015 19:51

Instrument :

BNA_G

ClientSampleId :

MW-53

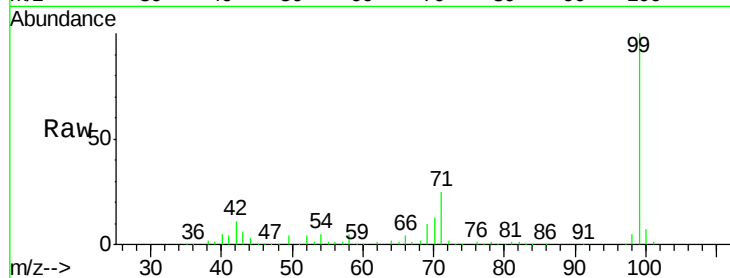
Tot Ion: 99 Resp: 224282

Ion Ratio Lower Upper

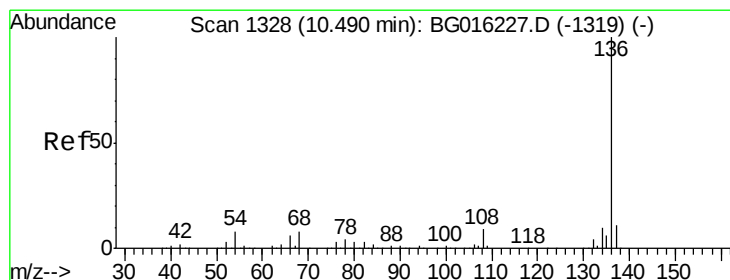
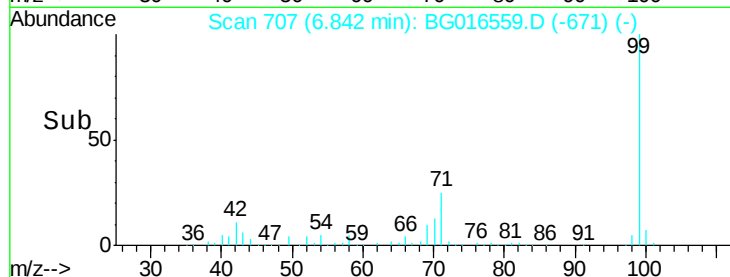
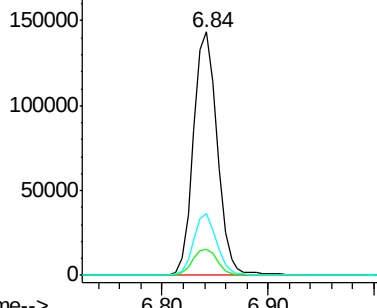
99 100

42 10.7 10.0 15.0

71 25.3 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: BG016559.D

Acq: 20 Apr 2015 19:51

Tgt Ion: 136 Resp: 276687

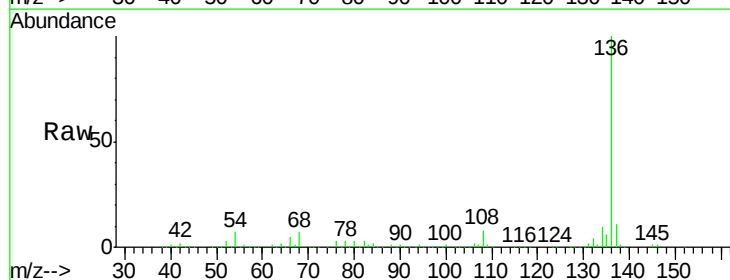
Ion Ratio Lower Upper

136 100

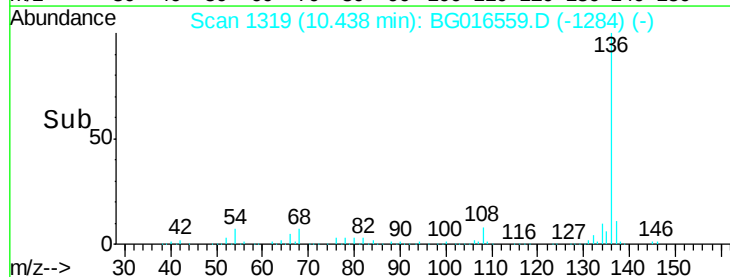
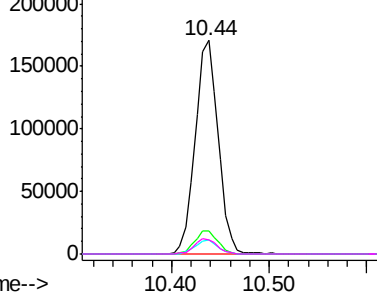
137 10.9 8.7 13.1

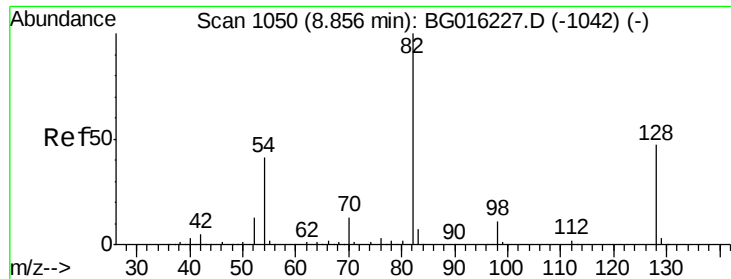
54 6.8 6.3 9.5

68 6.5 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

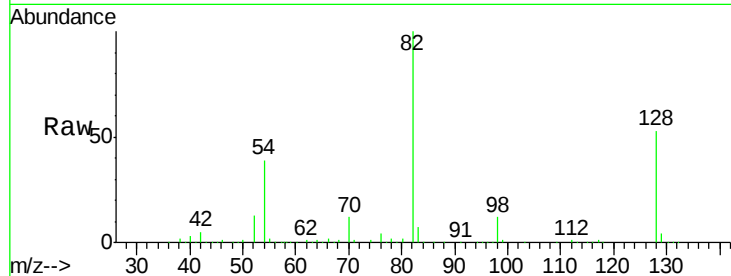




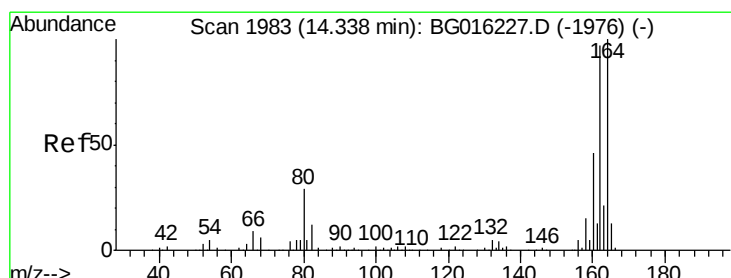
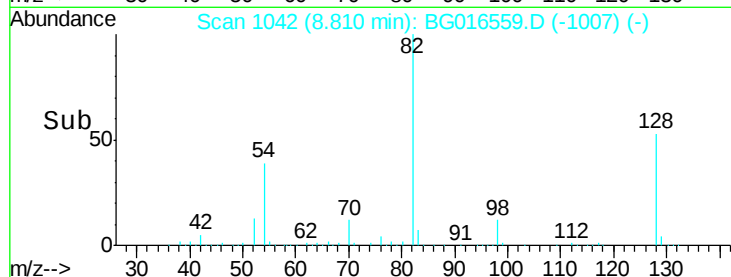
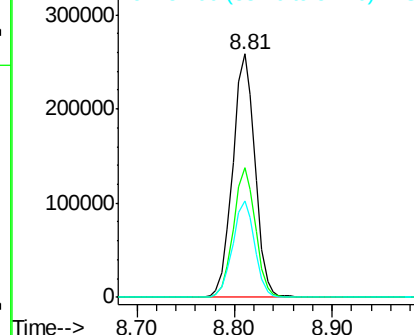
#23
Nitrobenzene-d5
Concen: 85.49 ng
RT: 8.81 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG016559.D
Acq: 20 Apr 2015 19:51

Instrument :
BNA_G
ClientSampleId :
MW-53

Tot Ion: 82 Resp: 408320
Ion Ratio Lower Upper
82 100
128 53.5 37.8 56.8
54 39.5 32.6 49.0

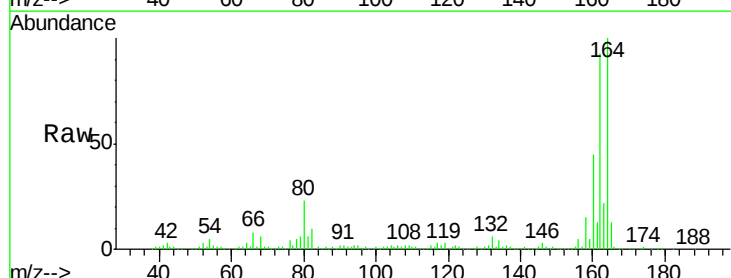


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

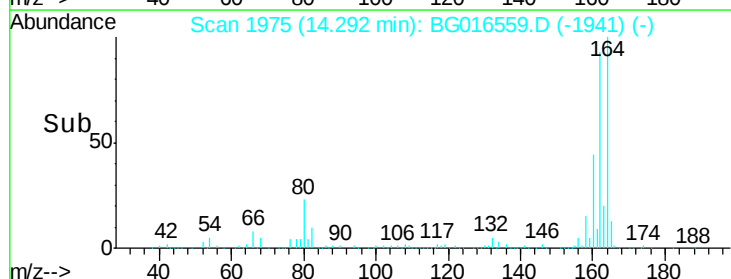
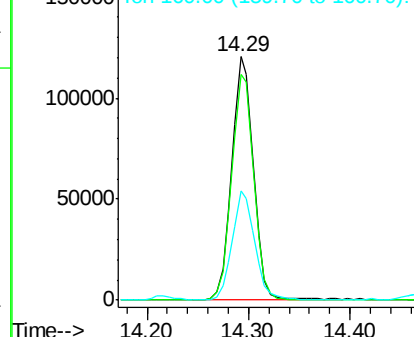


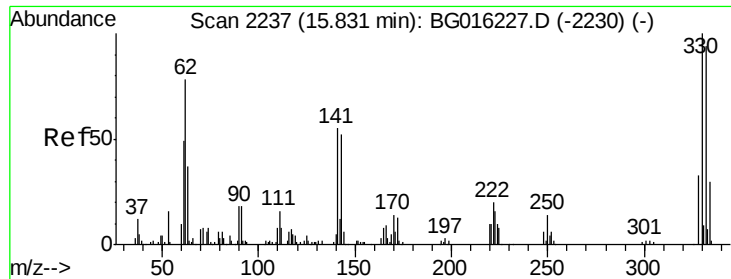
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.29 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG016559.D
Acq: 20 Apr 2015 19:51

Tgt Ion: 164 Resp: 175705
Ion Ratio Lower Upper
164 100
162 92.8 77.3 115.9
160 44.6 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

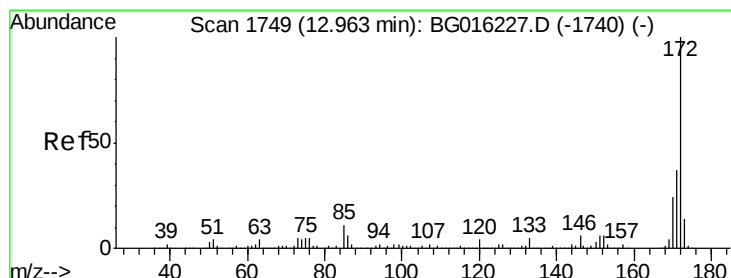
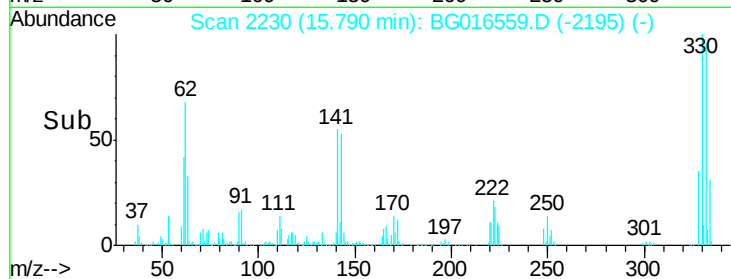
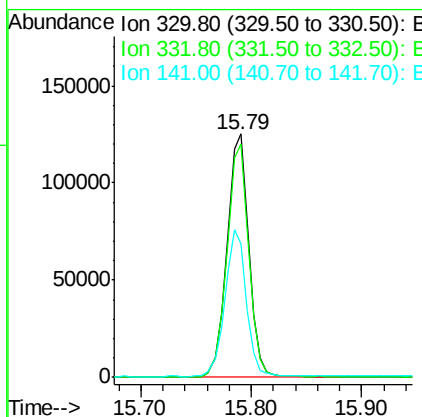
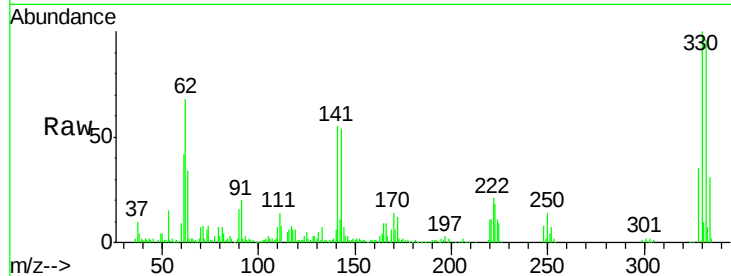




#41
 2,4,6-Tribromophenol
 Concen: 146.49 ng
 RT: 15.79 min Scan# 2230
 Delta R.T. 0.00 min
 Lab File: BG016559.D
 Acq: 20 Apr 2015 19:51

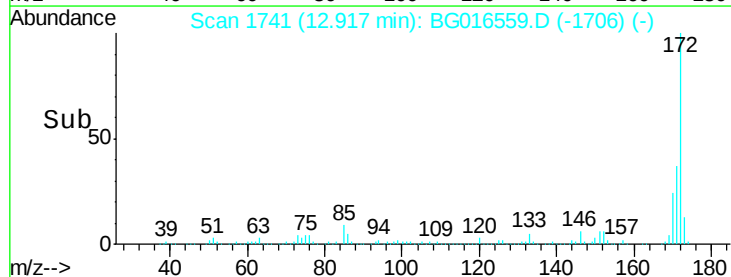
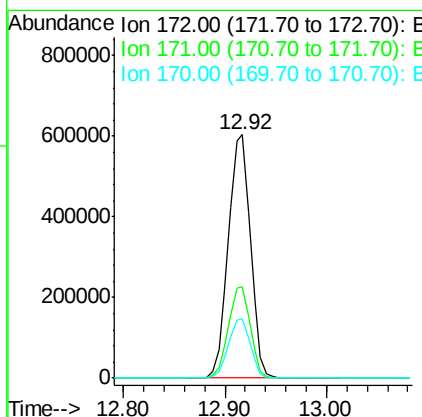
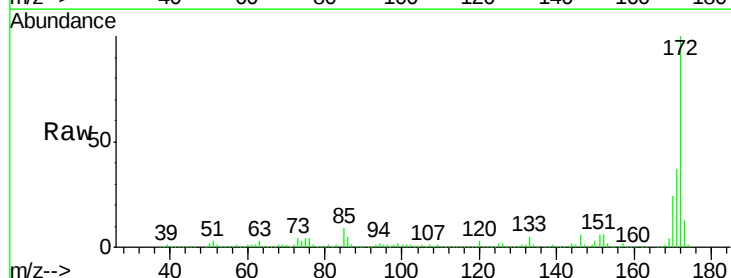
Instrument :
 BNA_G
 ClientSampleId :
 MW-53

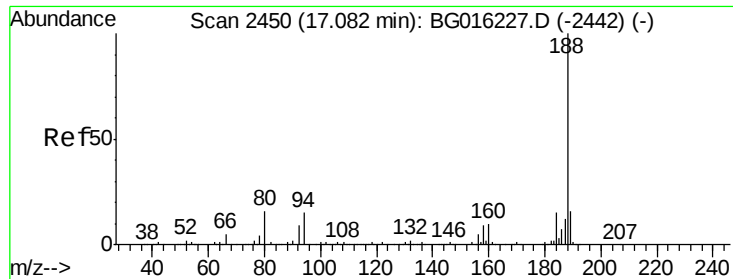
Tot Ion:330 Resp: 174067
 Ion Ratio Lower Upper
 330 100
 332 96.8 75.8 113.6
 141 58.1 46.6 69.8



#44
 2-Fluorobiphenyl
 Concen: 88.75 ng
 RT: 12.92 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: BG016559.D
 Acq: 20 Apr 2015 19:51

Tgt Ion:172 Resp: 915885
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.6 44.4
 170 24.4 19.4 29.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.04 min Scan# 2442

Delta R.T. 0.00 min

Lab File: BG016559.D

Acq: 20 Apr 2015 19:51

Instrument :

BNA_G

ClientSampleId :

MW-53

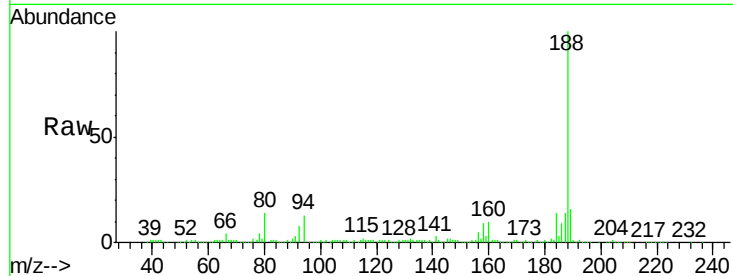
Tot Ion:188 Resp: 359771

Ion Ratio Lower Upper

188 100

94 13.3 12.2 18.4

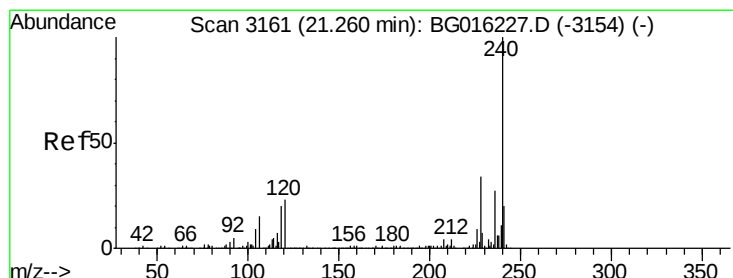
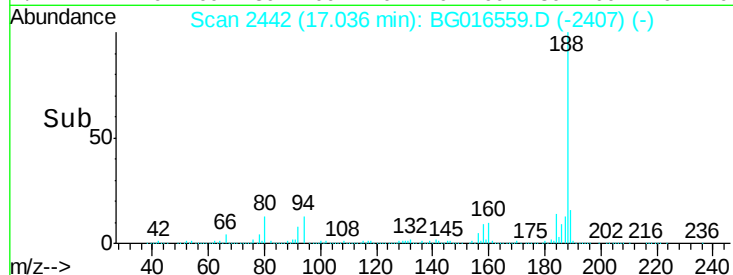
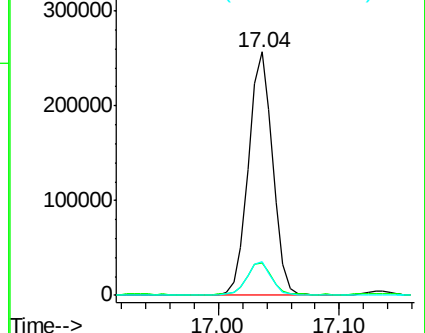
80 13.6 12.8 19.2



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: BG016559.D

Acq: 20 Apr 2015 19:51

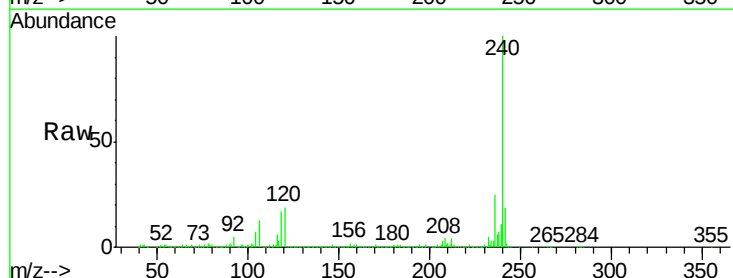
Tgt Ion:240 Resp: 308016

Ion Ratio Lower Upper

240 100

120 19.3 18.6 28.0

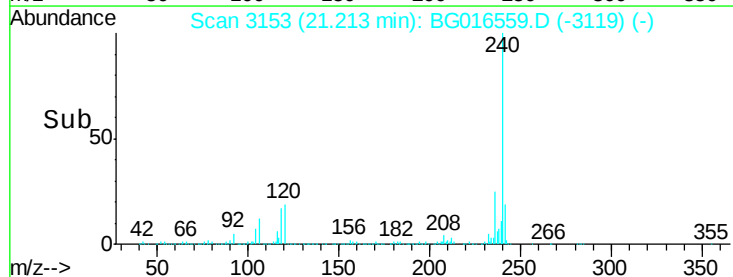
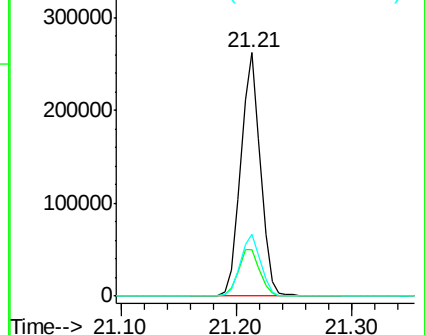
236 25.5 21.7 32.5

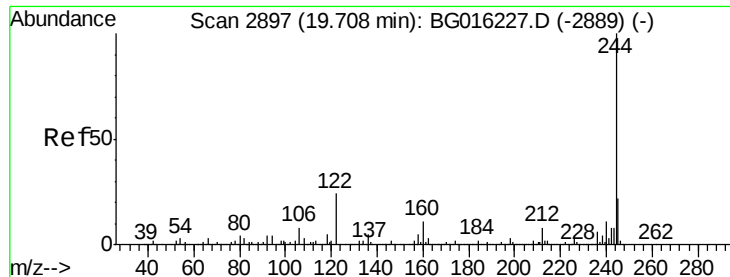


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 75.23 ng

RT: 19.66 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG016559.D

Acq: 20 Apr 2015 19:51

Instrument :

BNA_G

ClientSampled :

MW-53

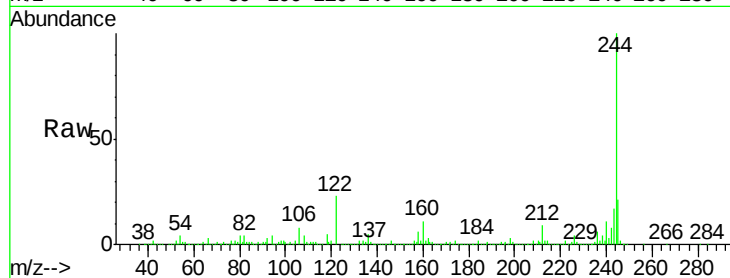
Tot Ion:244 Resp: 990142

Ion Ratio Lower Upper

244 100

212 8.6 6.6 9.8

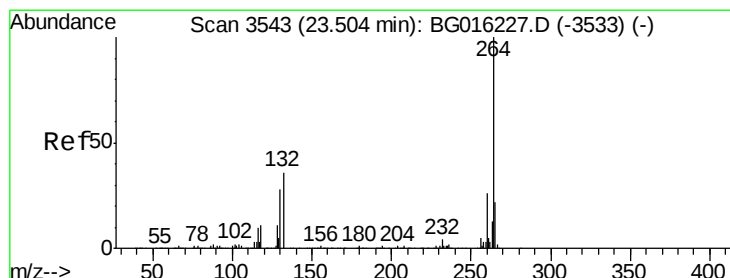
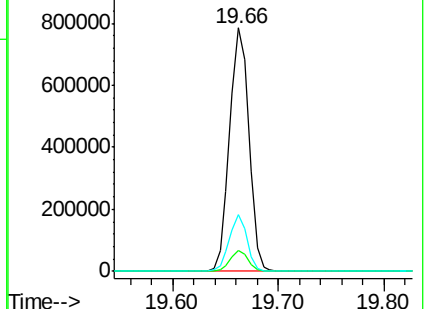
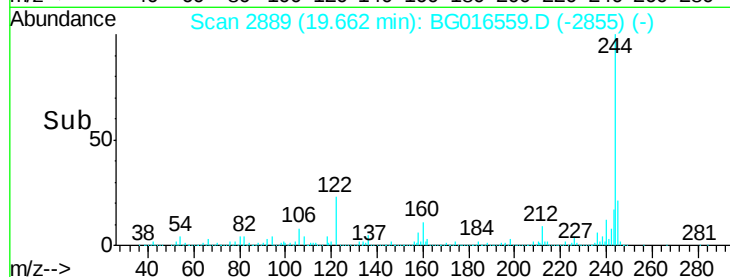
122 23.1 19.1 28.7



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: BG016559.D

Acq: 20 Apr 2015 19:51

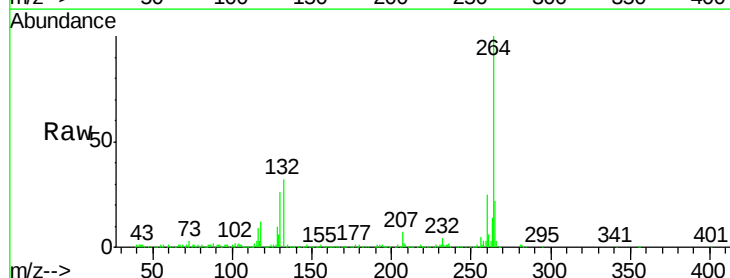
Tgt Ion:264 Resp: 290234

Ion Ratio Lower Upper

264 100

260 25.2 20.4 30.6

265 22.1 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

