

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042015\
 Data File : BG016571.D
 Acq On : 21 Apr 2015 5:17
 Operator : TP/IZ
 Sample : G1899-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-41

Quant Time: Apr 21 06:54:44 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	64058	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	277373	20.00	ng	0.00
38) Acenaphthene-d10	14.29	164	168473	20.00	ng	0.00
63) Phenanthrene-d10	17.03	188	353270	20.00	ng	0.00
75) Chrysene-d12	21.22	240	310266	20.00	ng	0.00
86) Perylene-d12	23.44	264	293426	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	271646	66.93	ng	0.00
7) Phenol-d6	6.84	99	243418	39.95	ng	0.00
23) Nitrobenzene-d5	8.81	82	411614	85.97	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	178341	156.53	ng	0.00
44) 2-Fluorobiphenyl	12.91	172	933775	94.37	ng	0.00
78) Terphenyl-d14	19.66	244	1108497	83.62	ng	0.00

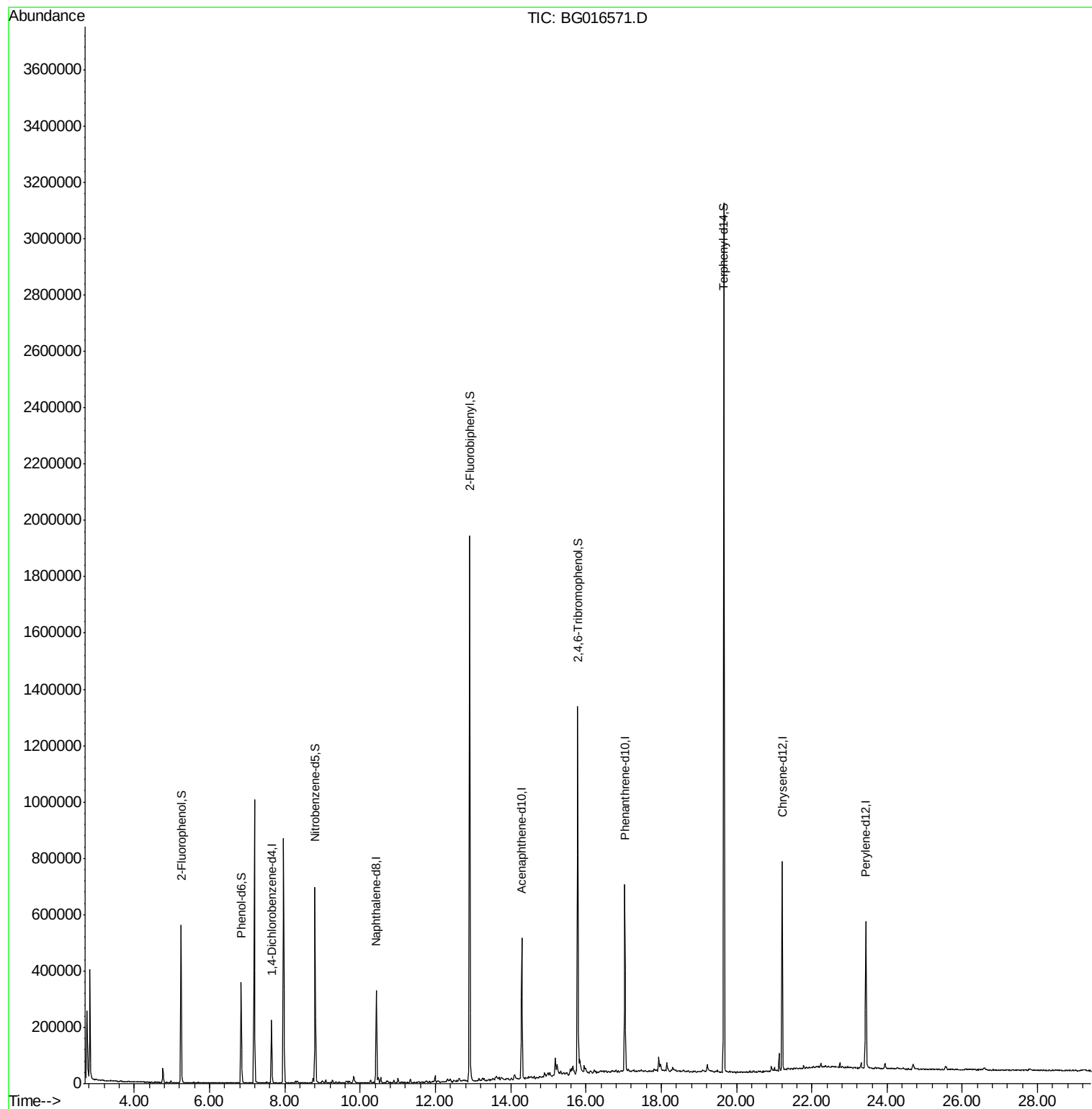
Target Compounds	Qvalue
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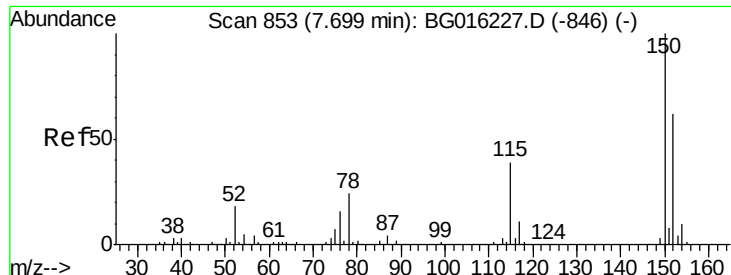
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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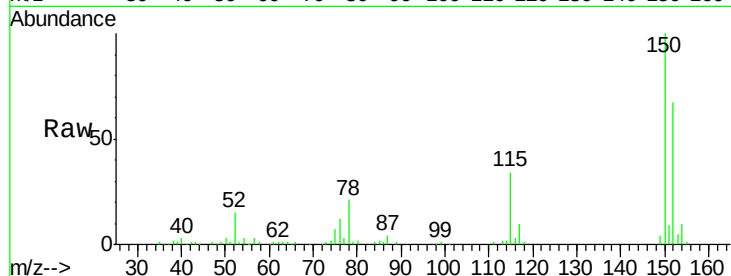


#1

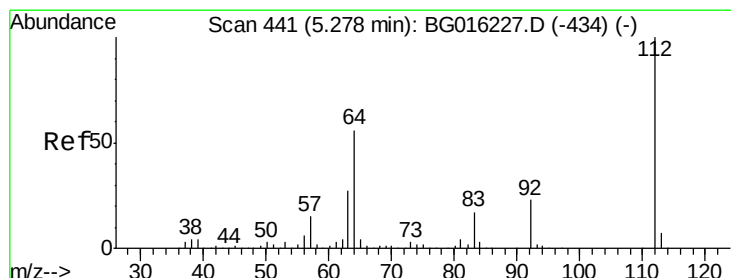
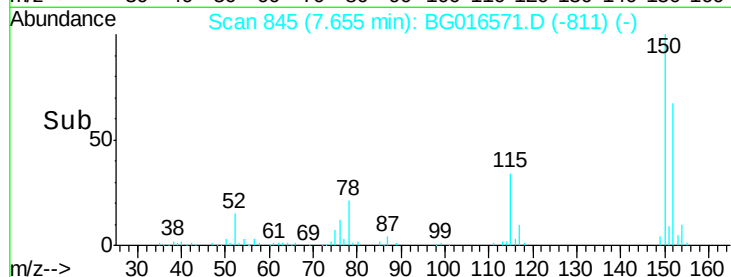
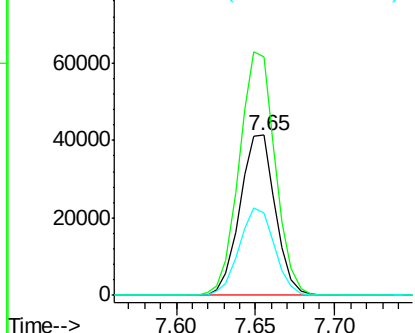
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.65 min Scan# 845
Delta R.T. 0.00 min
Lab File: BG016571.D
Acq: 21 Apr 2015 5:17

Instrument :
BNA_G
ClientSampleId :
MW-41

Tot Ion:152 Resp: 64058
Ion Ratio Lower Upper
152 100
150 149.2 130.1 195.1
115 51.1 50.5 75.7



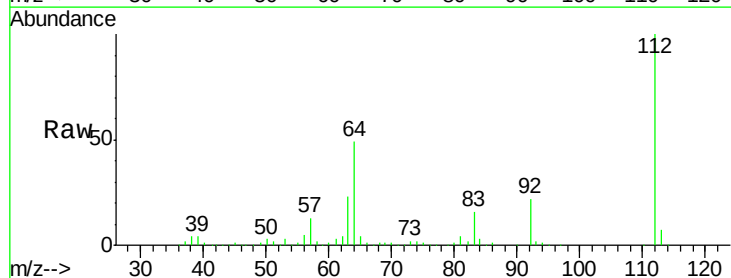
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



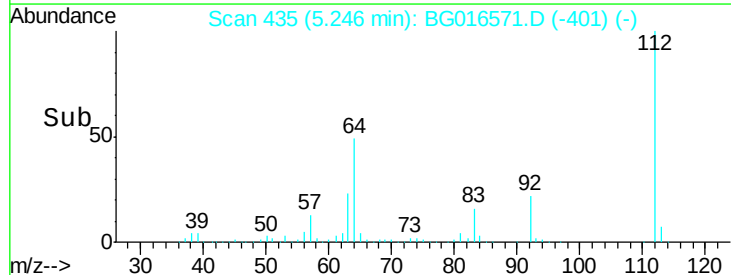
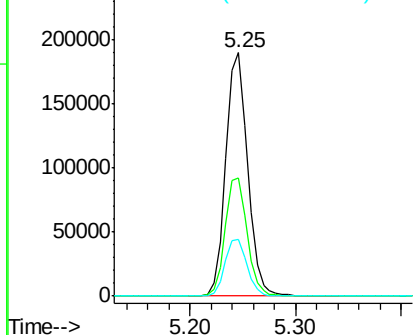
#5

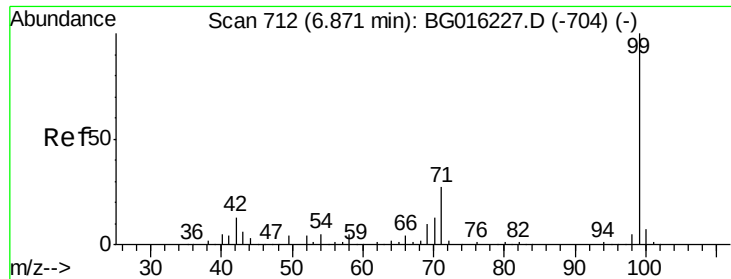
2-Fluorophenol
Concen: 66.93 ng
RT: 5.25 min Scan# 435
Delta R.T. 0.00 min
Lab File: BG016571.D
Acq: 21 Apr 2015 5:17

Tgt Ion:112 Resp: 271646
Ion Ratio Lower Upper
112 100
64 48.8 44.5 66.7
63 23.3 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: 39.95 ng

RT: 6.84 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG016571.D

Acq: 21 Apr 2015 5:17

Instrument :

BNA_G

ClientSampleId :

MW-41

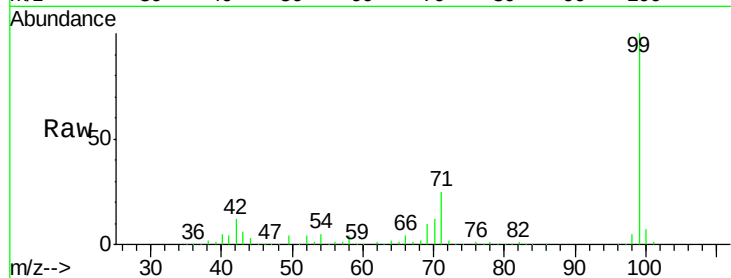
Tot Ion: 99 Resp: 243418

Ion Ratio Lower Upper

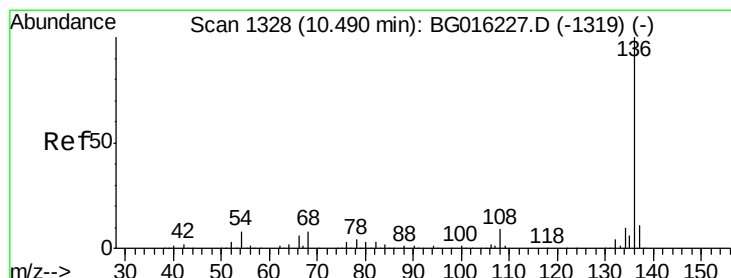
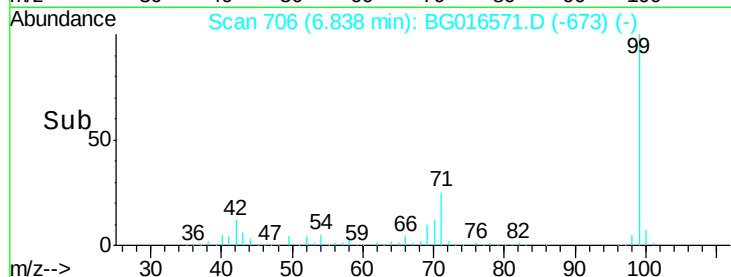
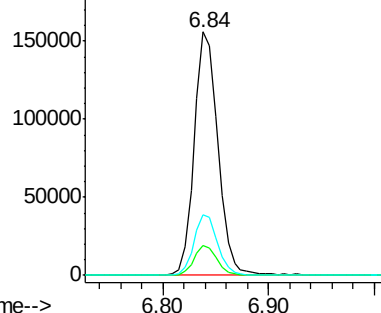
99 100

42 12.2 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: BG016571.D

Acq: 21 Apr 2015 5:17

Tgt Ion: 136 Resp: 277373

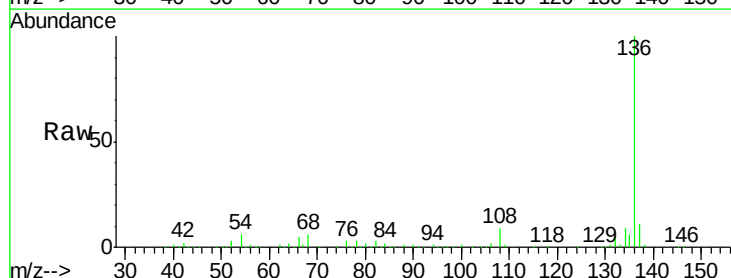
Ion Ratio Lower Upper

136 100

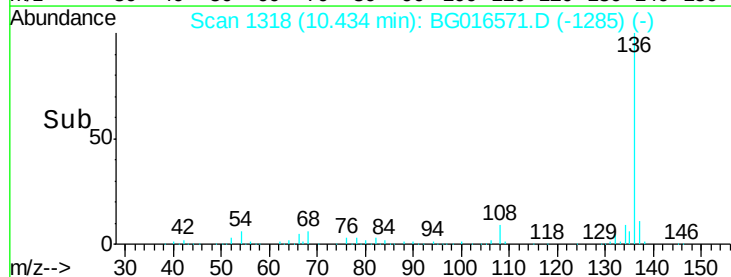
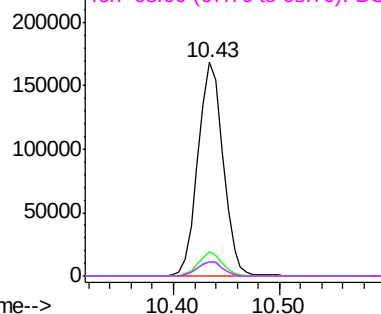
137 11.4 8.7 13.1

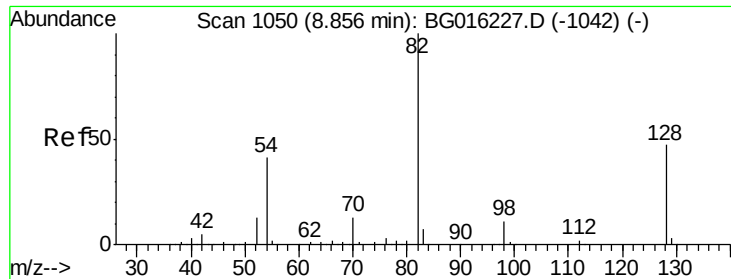
54 6.4 6.3 9.5

68 6.3 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

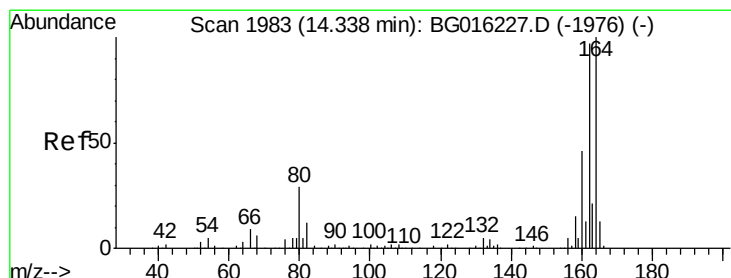
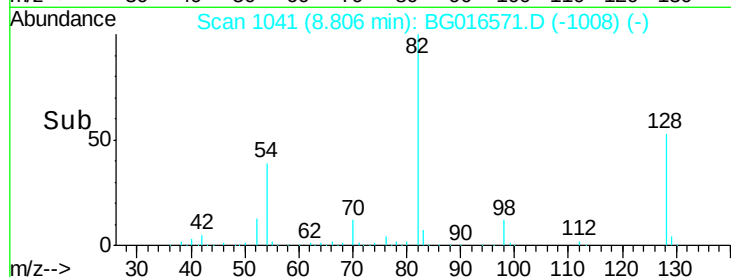
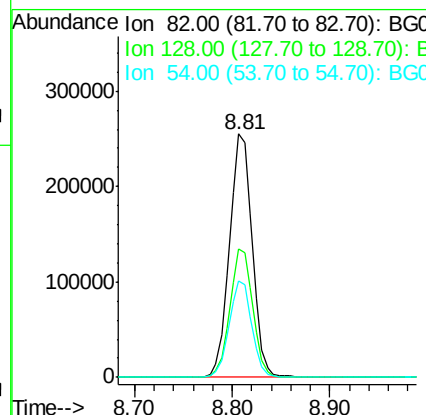
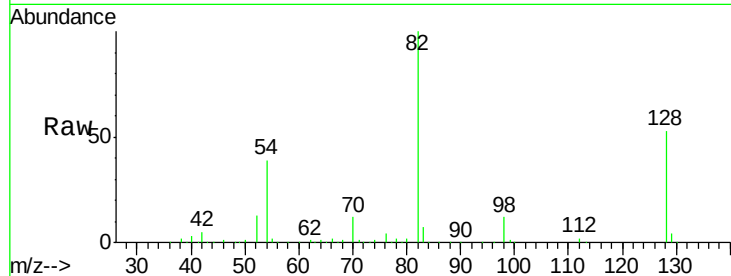




#23
Nitrobenzene-d5
Concen: 85.97 ng
RT: 8.81 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG016571.D
Acq: 21 Apr 2015 5:17

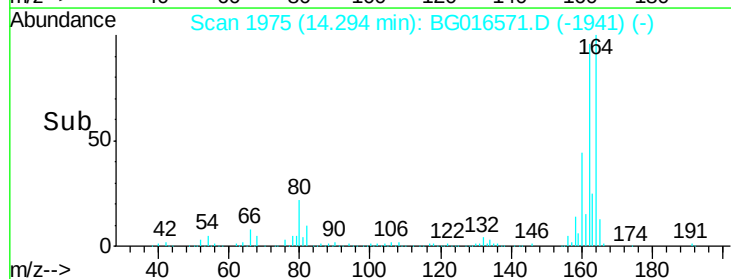
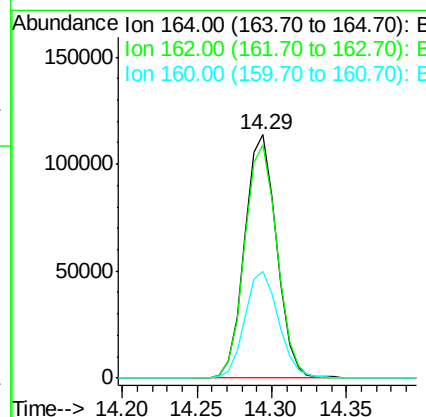
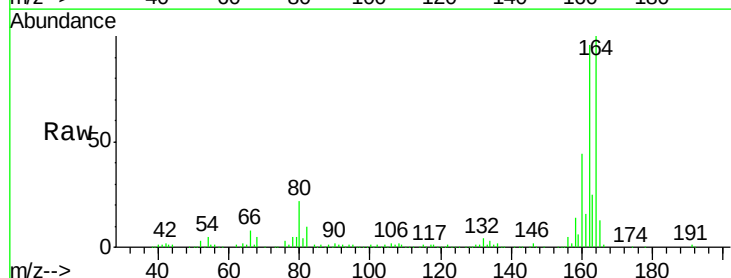
Instrument :
BNA_G
ClientSampleId :
MW-41

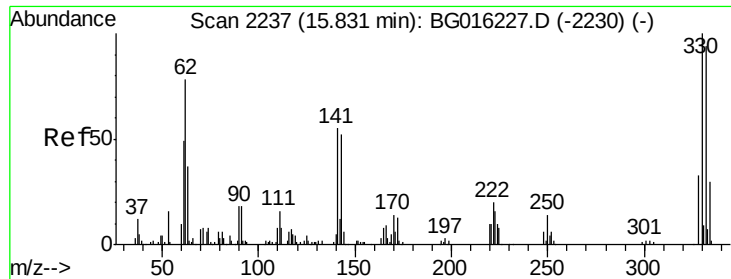
Tot Ion: 82 Resp: 411614
Ion Ratio Lower Upper
82 100
128 52.6 37.8 56.8
54 39.5 32.6 49.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.29 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG016571.D
Acq: 21 Apr 2015 5:17

Tgt Ion:164 Resp: 168473
Ion Ratio Lower Upper
164 100
162 95.6 77.3 115.9
160 44.1 36.7 55.1

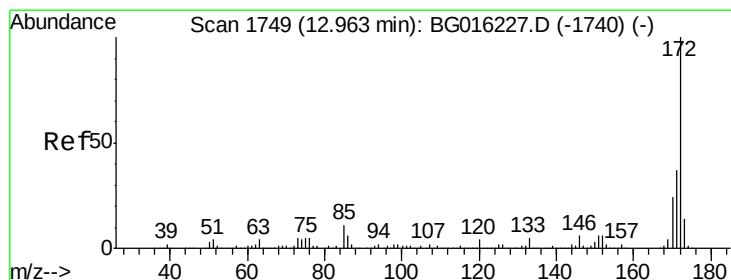
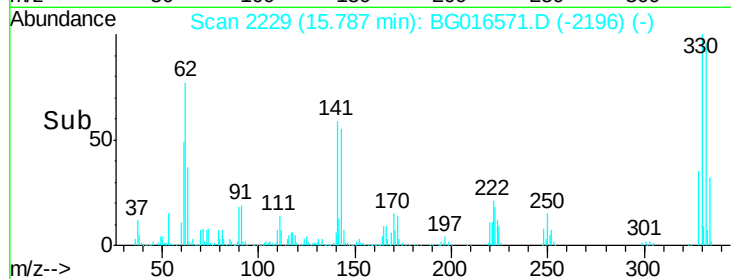
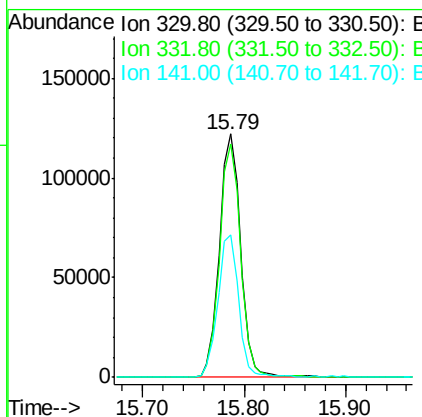
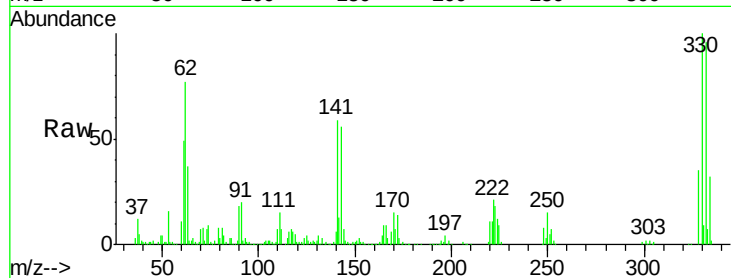




#41
 2,4,6-Tribromophenol
 Concen: 156.53 ng
 RT: 15.79 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG016571.D
 Acq: 21 Apr 2015 5:17

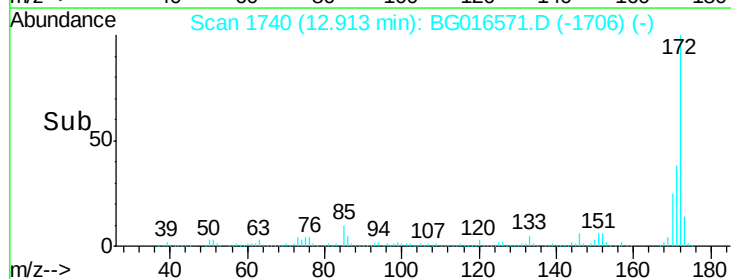
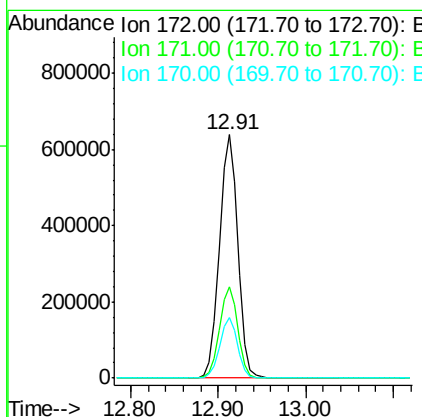
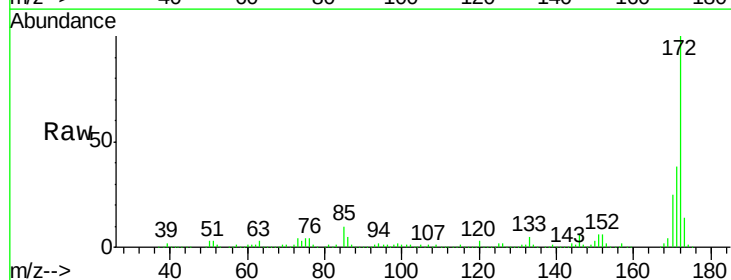
Instrument :
 BNA_G
 ClientSampleId :
 MW-41

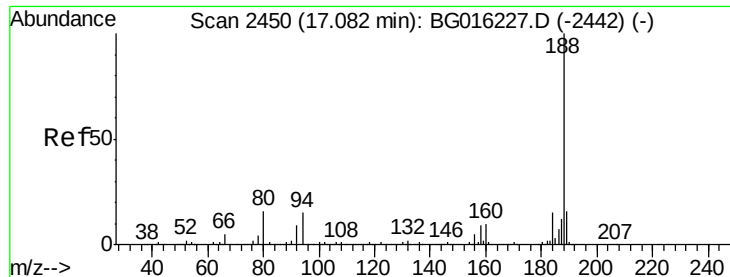
Tot Ion:330 Resp: 178341
 Ion Ratio Lower Upper
 330 100
 332 95.6 75.8 113.6
 141 56.9 46.6 69.8



#44
 2-Fluorobiphenyl
 Concen: 94.37 ng
 RT: 12.91 min Scan# 1740
 Delta R.T. 0.00 min
 Lab File: BG016571.D
 Acq: 21 Apr 2015 5:17

Tgt Ion:172 Resp: 933775
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.6 44.4
 170 25.0 19.4 29.2

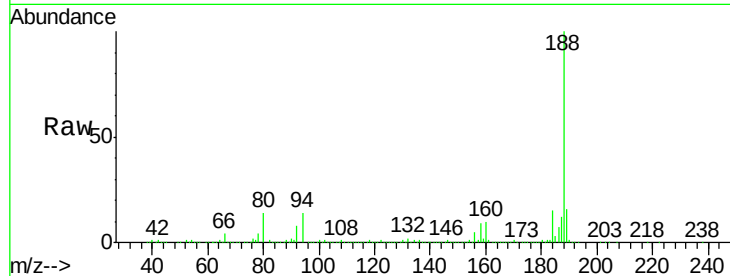




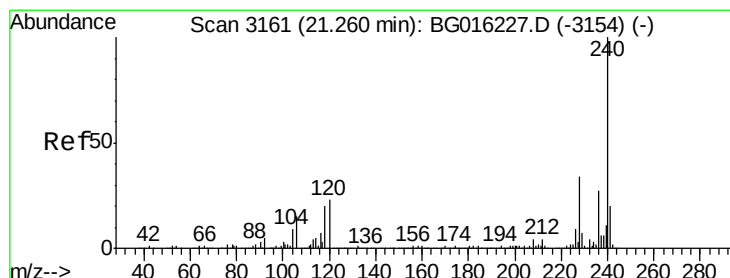
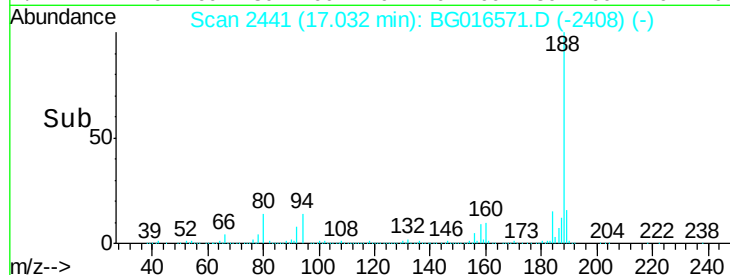
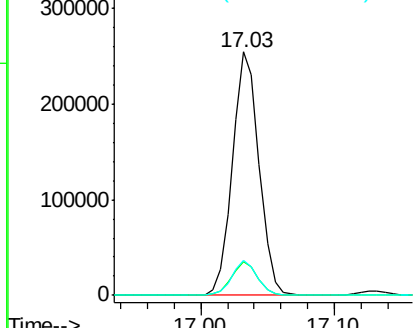
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.03 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG016571.D
Acq: 21 Apr 2015 5:17

Instrument :
BNA_G
ClientSampleId :
MW-41

Tot Ion:188 Resp: 353270
Ion Ratio Lower Upper
188 100
94 13.8 12.2 18.4
80 14.2 12.8 19.2

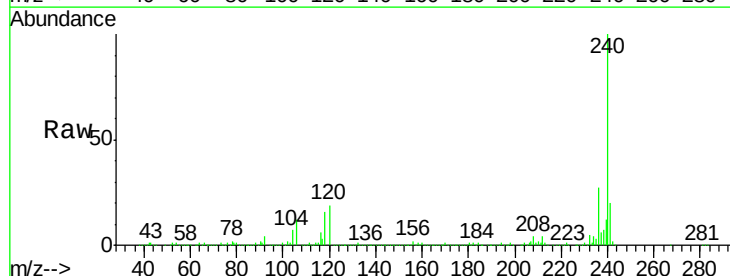


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

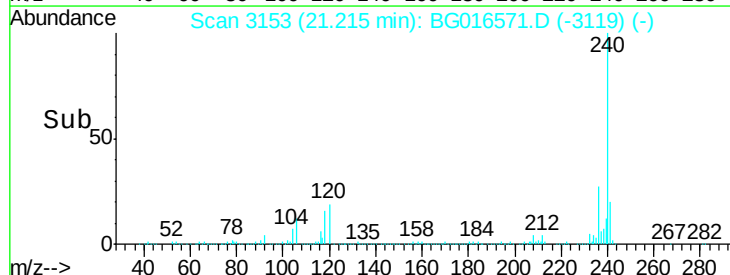
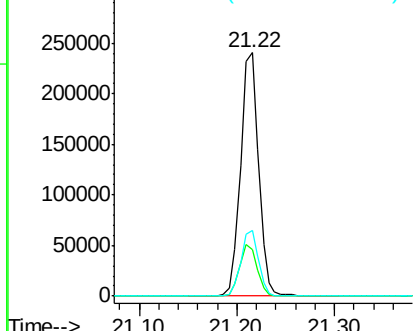


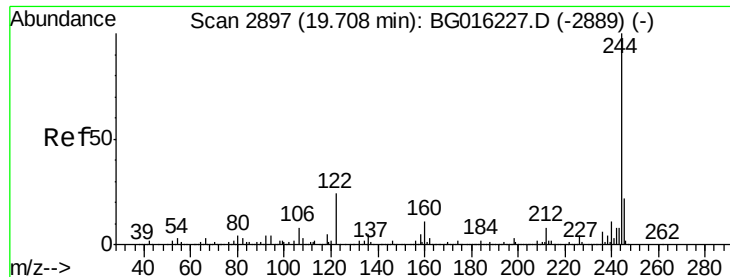
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.22 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BG016571.D
Acq: 21 Apr 2015 5:17

Tgt Ion:240 Resp: 310266
Ion Ratio Lower Upper
240 100
120 19.3 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: 83.62 ng

RT: 19.66 min Scan# 2889

Delta R.T. 0.00 min

Lab File: BG016571.D

Acq: 21 Apr 2015 5:17

Instrument :

BNA_G

ClientSampled :

MW-41

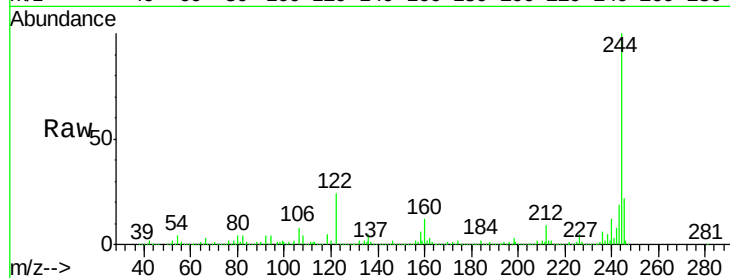
Tot Ion:244 Resp: 1108497

Ion Ratio Lower Upper

244 100

212 9.0 6.6 9.8

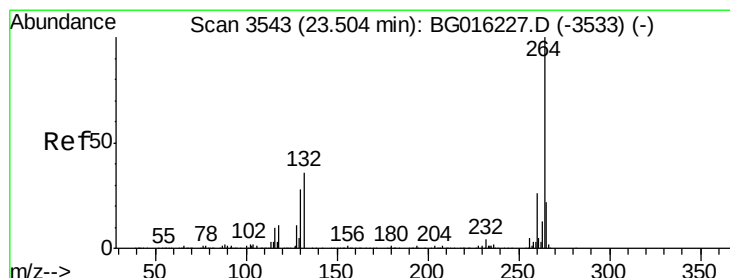
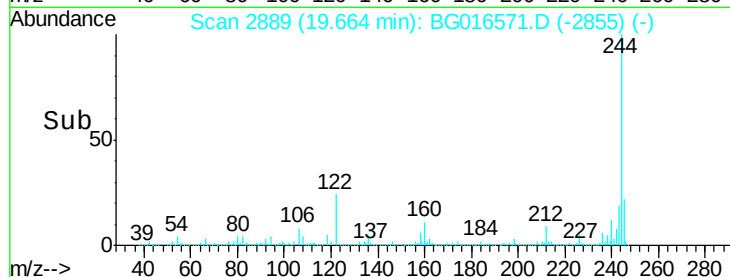
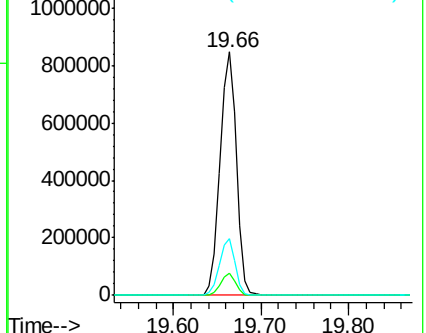
122 23.6 19.1 28.7



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: 23.44 min Scan# 3531

Delta R.T. 0.00 min

Lab File: BG016571.D

Acq: 21 Apr 2015 5:17

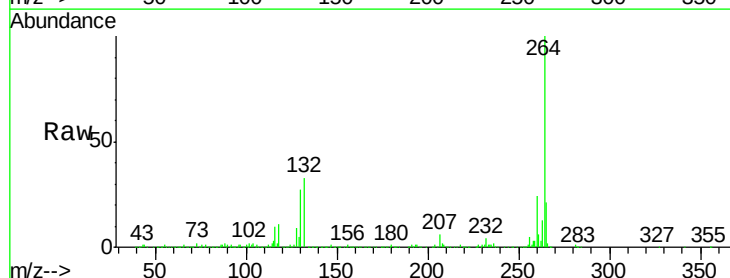
Tgt Ion:264 Resp: 293426

Ion Ratio Lower Upper

264 100

260 24.3 20.4 30.6

265 21.4 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

