

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
 Data File : BG016492.D
 Acq On : 17 Apr 2015 16:34
 Operator : TP/IZ
 Sample : G1897-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCW-RB06-41415

Quant Time: Apr 18 00:49:45 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 18 00:32:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	63187	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	275492	20.00	ng	0.00
38) Acenaphthene-d10	14.30	164	160645	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	339327	20.00	ng	0.00
75) Chrysene-d12	21.22	240	307675	20.00	ng	0.00
86) Perylene-d12	23.45	264	293403	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	221738	55.38	ng	0.00
7) Phenol-d6	6.84	99	183728	30.57	ng	0.00
23) Nitrobenzene-d5	8.82	82	388597	81.71	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	153041	140.87	ng	0.00
44) 2-Fluorobiphenyl	12.93	172	861307	91.29	ng	0.00
78) Terphenyl-d14	19.68	244	1066227	81.11	ng	0.00

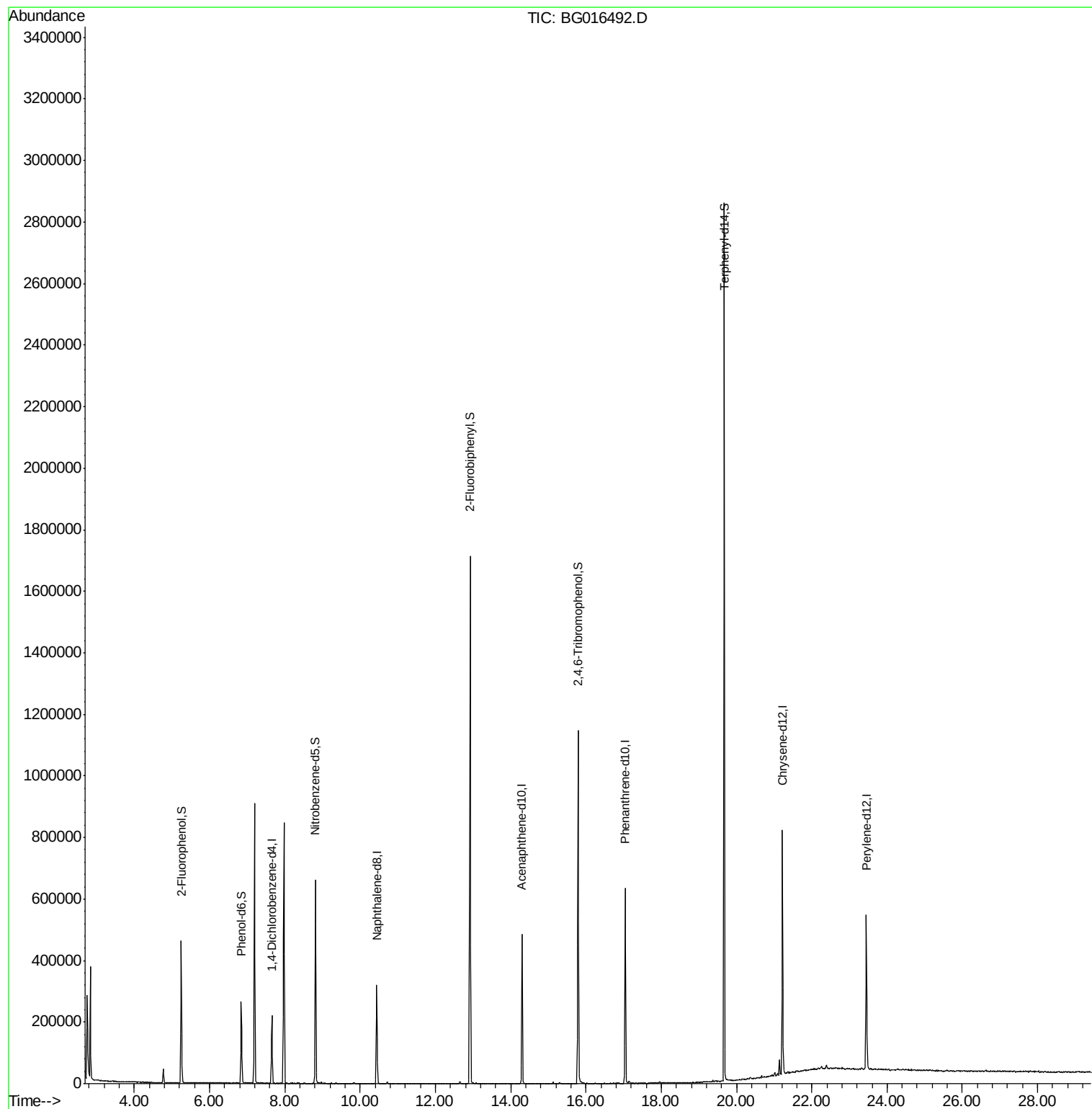
Target Compounds	Qvalue
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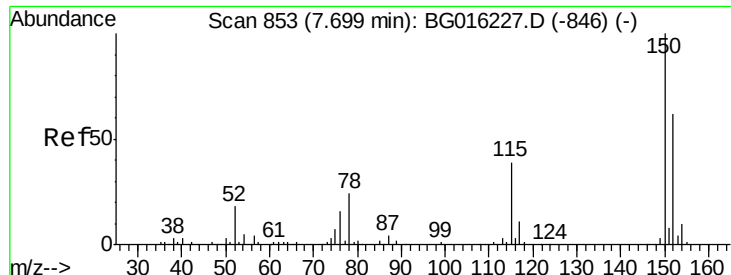
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.66 min Scan# 846

Delta R.T. 0.01 min

Lab File: BG016492.D

Acq: 17 Apr 2015 16:34

Instrument :

BNA_G

ClientSampleId :

DCW-RB06-41415

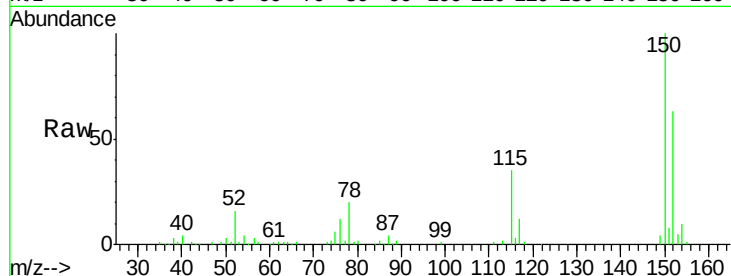
Tgt Ion:152 Resp: 63187

Ion Ratio Lower Upper

152 100

150 158.4 130.1 195.1

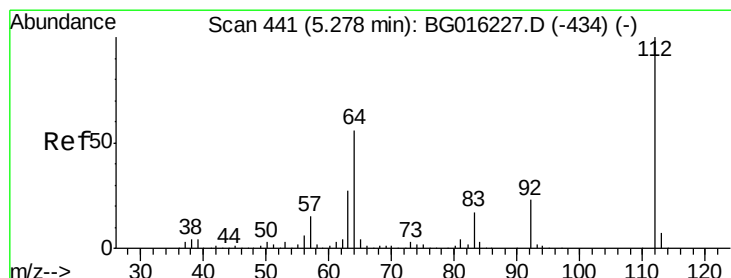
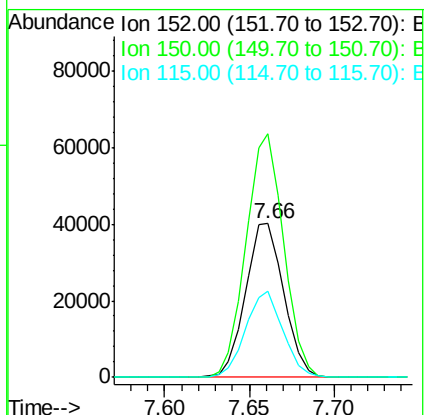
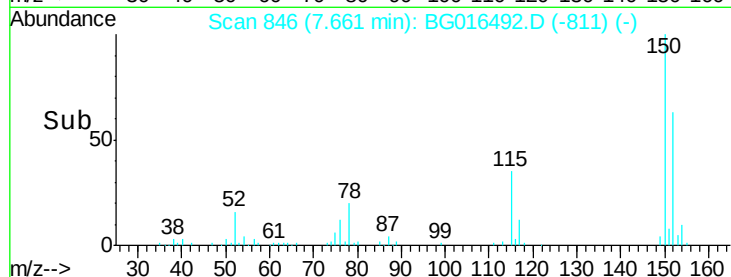
115 55.7 50.5 75.7



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: 55.38 ng

RT: 5.25 min Scan# 436

Delta R.T. 0.01 min

Lab File: BG016492.D

Acq: 17 Apr 2015 16:34

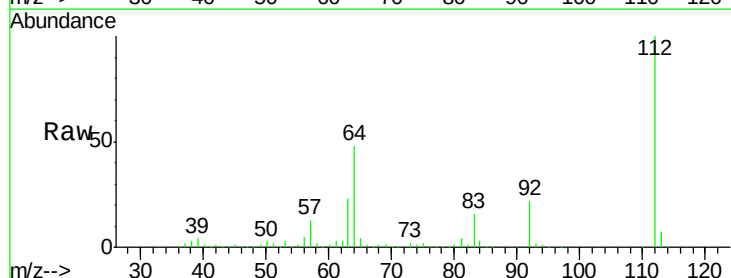
Tgt Ion:112 Resp: 221738

Ion Ratio Lower Upper

112 100

64 47.8 44.5 66.7

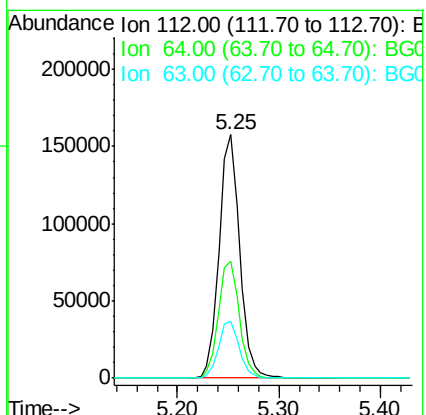
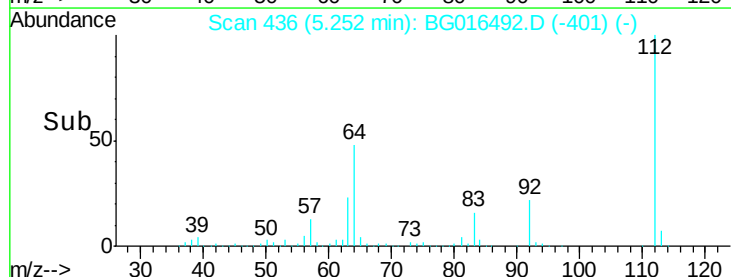
63 23.1 21.4 32.0

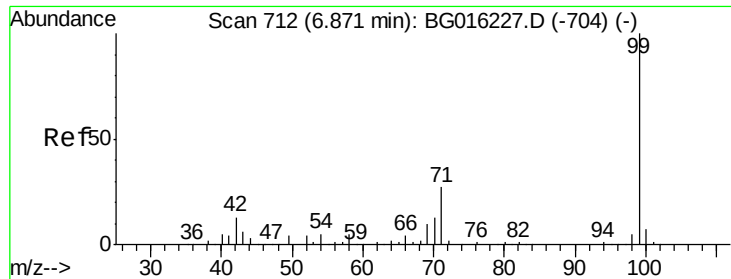


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 30.57 ng

RT: 6.84 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG016492.D

Acq: 17 Apr 2015 16:34

Instrument :

BNA_G

ClientSampleId :

DCW-RB06-41415

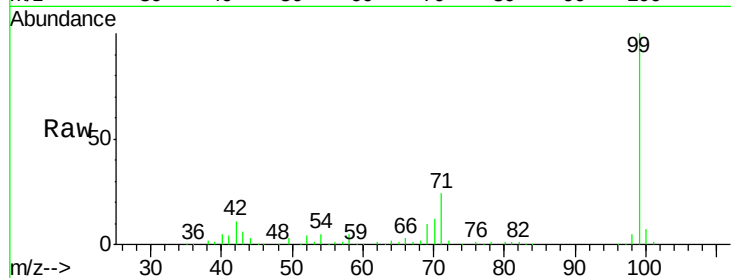
Tgt Ion: 99 Resp: 183728

Ion Ratio Lower Upper

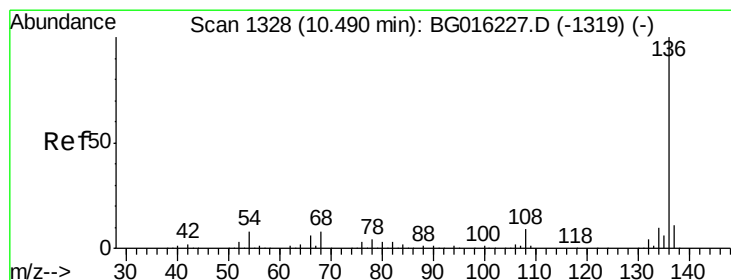
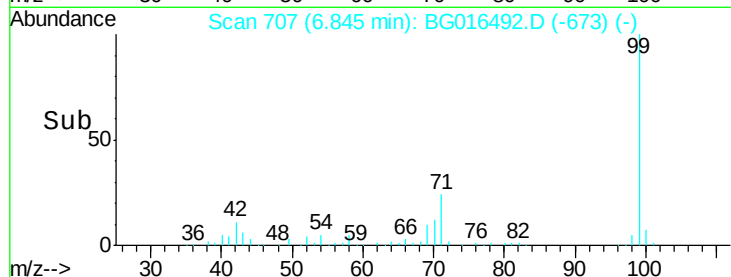
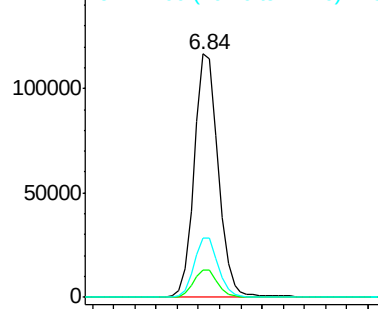
99 100

42 11.4 10.0 15.0

71 24.2 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: 10.45 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BG016492.D

Acq: 17 Apr 2015 16:34

Tgt Ion: 136 Resp: 275492

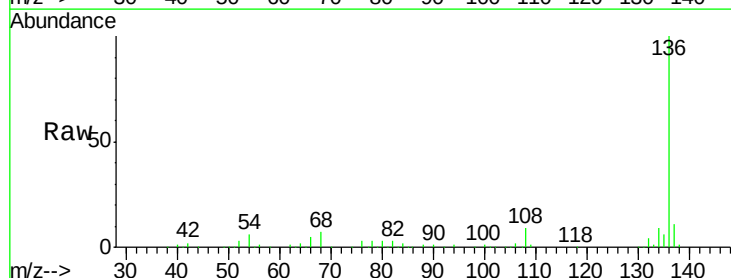
Ion Ratio Lower Upper

136 100

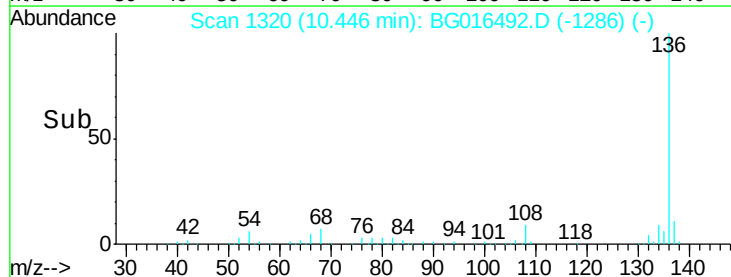
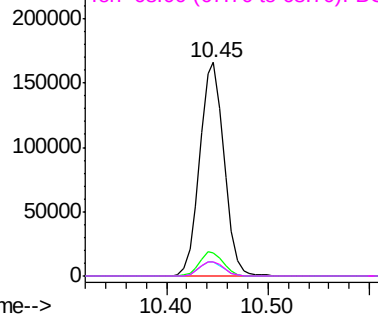
137 10.7 8.7 13.1

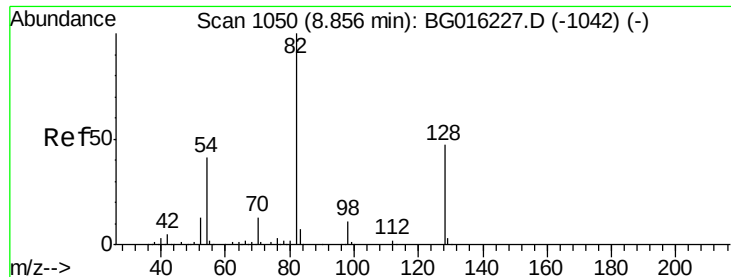
54 6.5 6.3 9.5

68 6.7 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

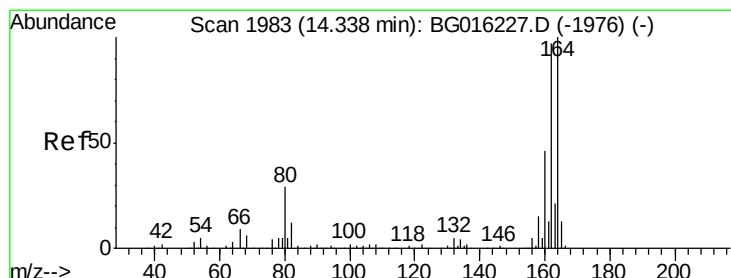
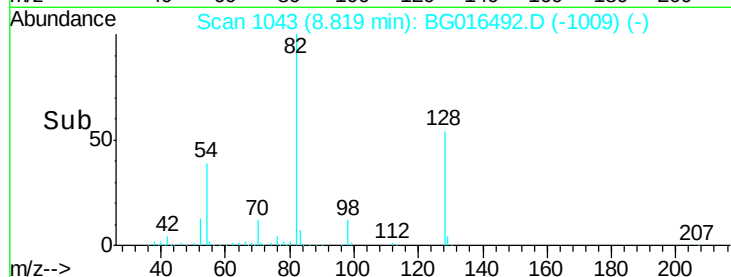
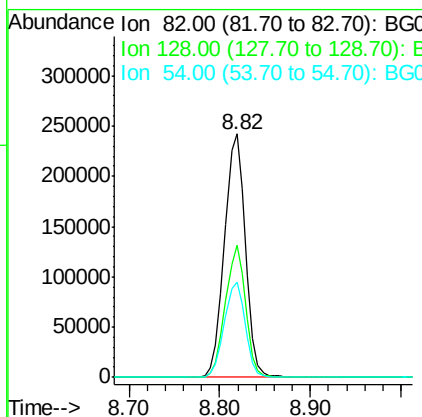
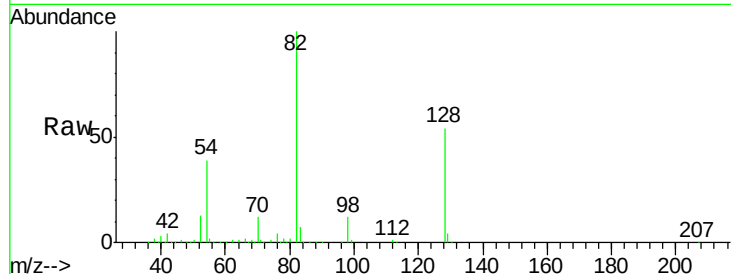




#23
 Nitrobenzene-d5
 Concen: 81.71 ng
 RT: 8.82 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG016492.D
 Acq: 17 Apr 2015 16:34

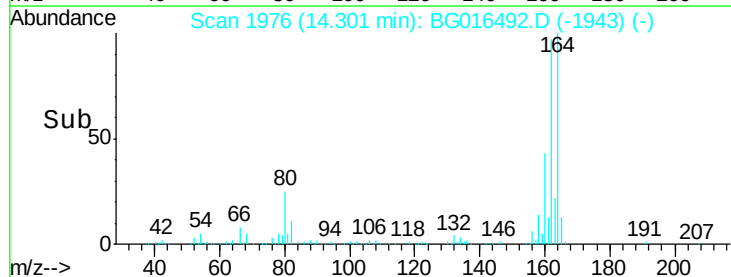
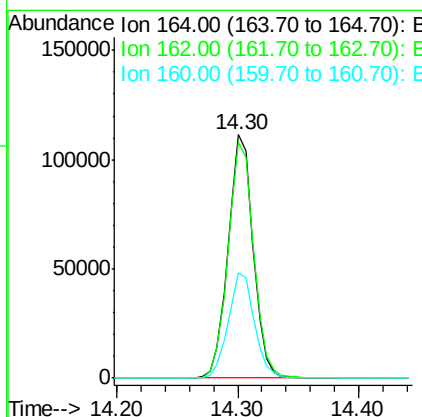
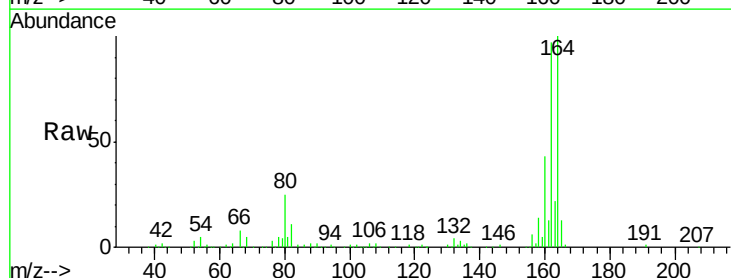
Instrument :
 BNA_G
 ClientSampleId :
 DCW-RB06-41415

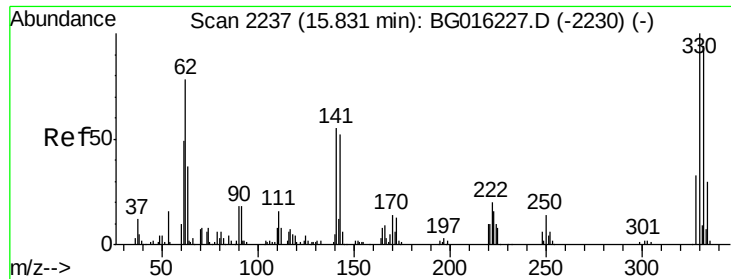
Tgt Ion: 82 Resp: 388597
 Ion Ratio Lower Upper
 82 100
 128 54.2 37.8 56.8
 54 39.2 32.6 49.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.30 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: BG016492.D
 Acq: 17 Apr 2015 16:34

Tgt Ion: 164 Resp: 160645
 Ion Ratio Lower Upper
 164 100
 162 97.1 77.3 115.9
 160 43.2 36.7 55.1





#41

2,4,6-Tribromophenol

Concen: 140.87 ng

RT: 15.79 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG016492.D

Acq: 17 Apr 2015 16:34

Instrument :

BNA_G

ClientSampleId :

DCW-RB06-41415

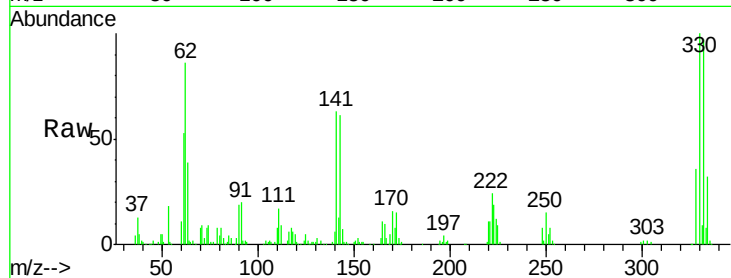
Tgt Ion:330 Resp: 153041

Ion Ratio Lower Upper

330 100

332 95.0 75.8 113.6

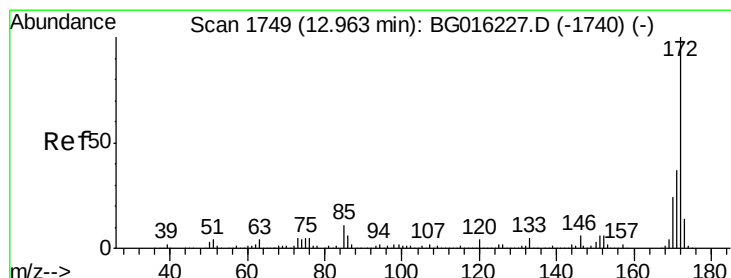
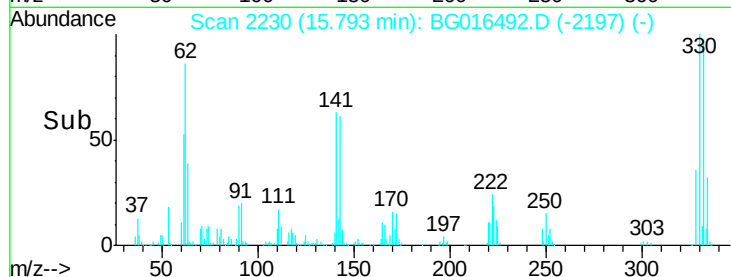
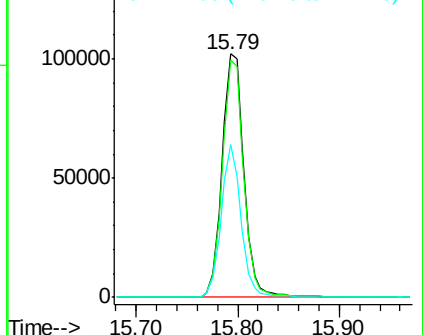
141 56.9 46.6 69.8



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: 91.29 ng

RT: 12.93 min Scan# 1742

Delta R.T. 0.00 min

Lab File: BG016492.D

Acq: 17 Apr 2015 16:34

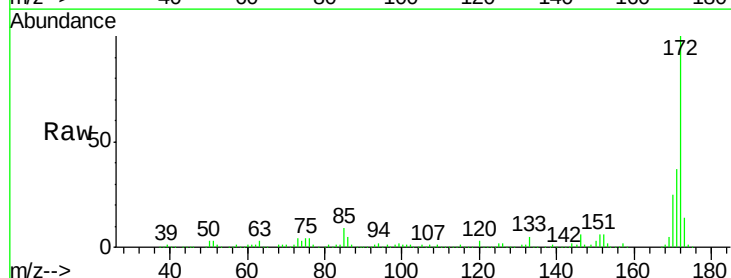
Tgt Ion:172 Resp: 861307

Ion Ratio Lower Upper

172 100

171 37.2 29.6 44.4

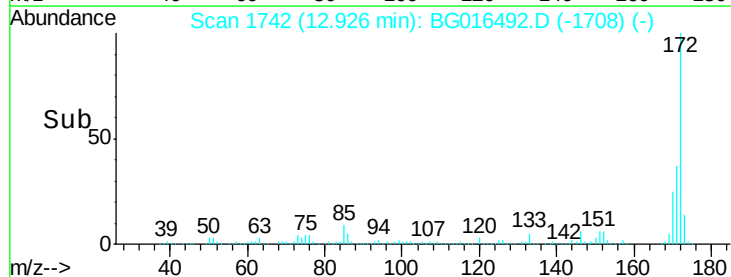
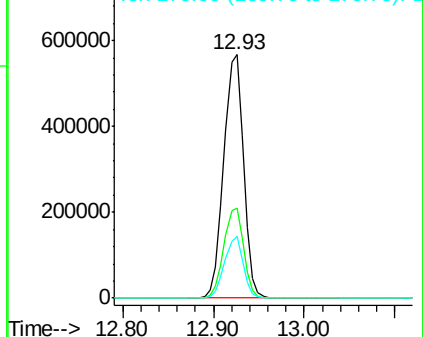
170 25.3 19.4 29.2

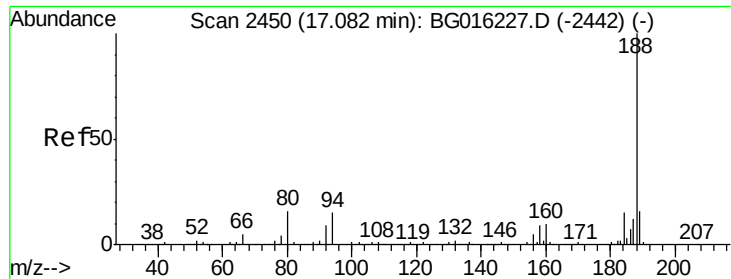


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

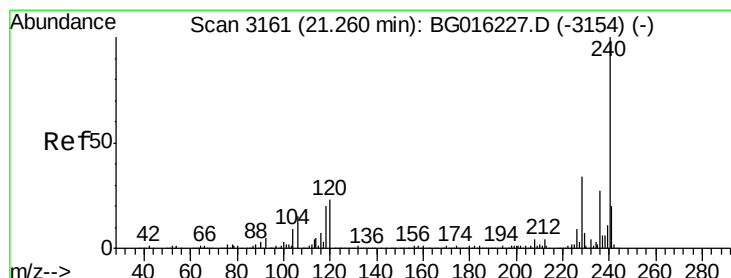
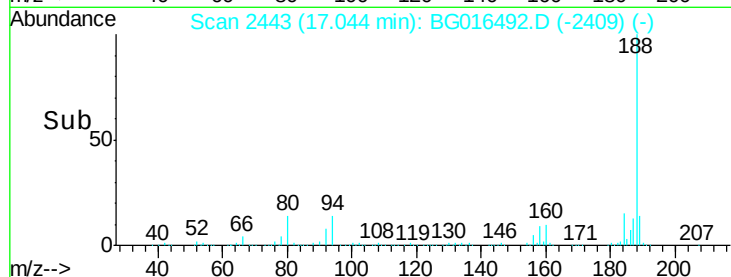
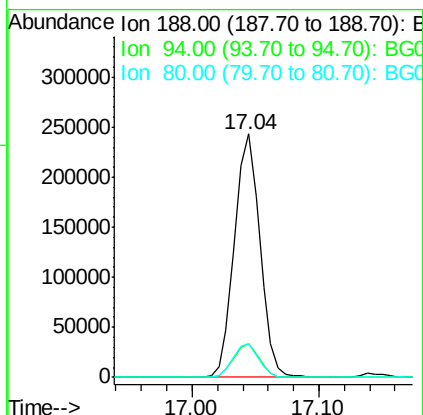
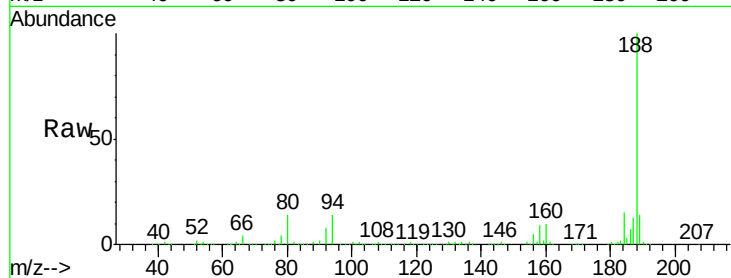




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.04 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG016492.D
Acq: 17 Apr 2015 16:34

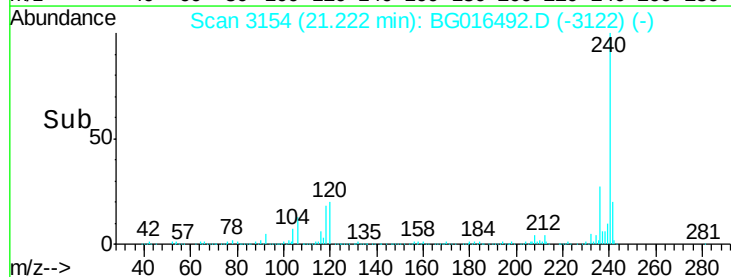
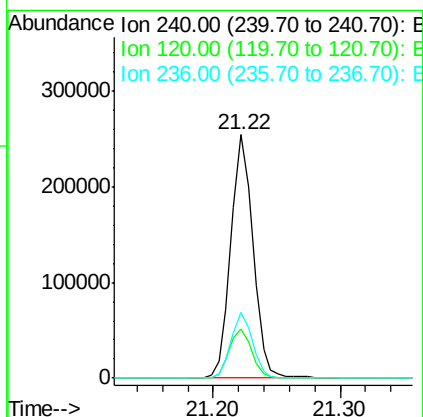
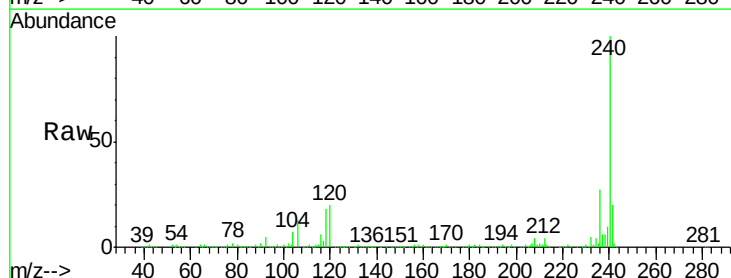
Instrument :
BNA_G
ClientSampleId :
DCW-RB06-41415

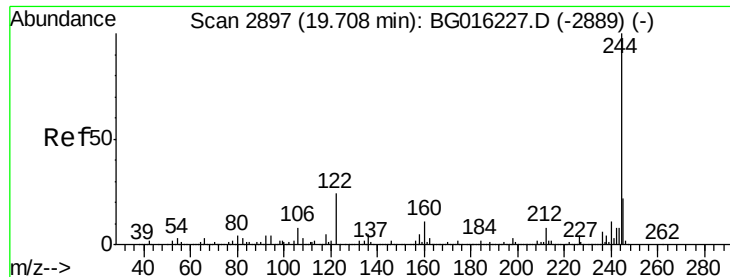
Tgt Ion:188 Resp: 339327
Ion Ratio Lower Upper
188 100
94 13.8 12.2 18.4
80 13.8 12.8 19.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.22 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BG016492.D
Acq: 17 Apr 2015 16:34

Tgt Ion:240 Resp: 307675
Ion Ratio Lower Upper
240 100
120 20.4 18.6 28.0
236 27.0 21.7 32.5





#78

Terphenyl-d14

Concen: 81.11 ng

RT: 19.68 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG016492.D

Acq: 17 Apr 2015 16:34

Instrument :

BNA_G

ClientSampleId :

DCW-RB06-41415

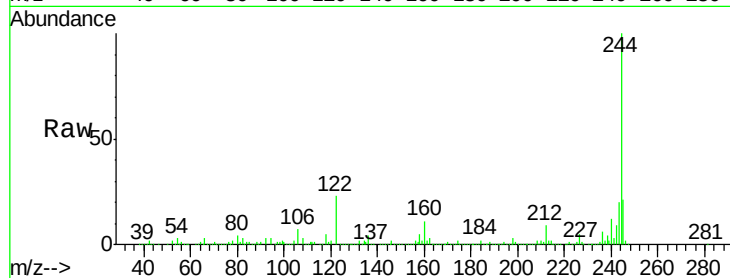
Tgt Ion:244 Resp: 1066227

Ion Ratio Lower Upper

244 100

212 8.5 6.6 9.8

122 22.5 19.1 28.7

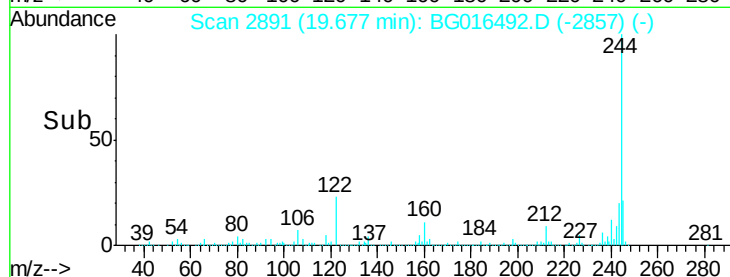


Abundance Ion 244.00 (243.70 to 244.70): E

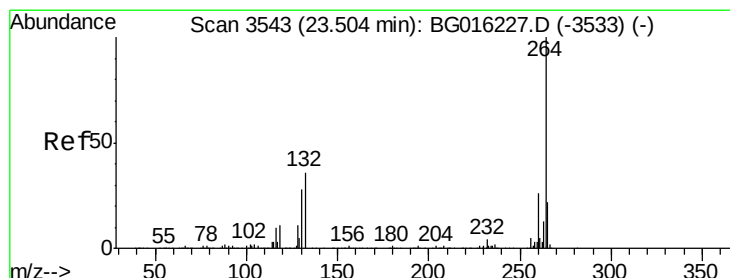
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.45 min Scan# 3533

Delta R.T. -0.00 min

Lab File: BG016492.D

Acq: 17 Apr 2015 16:34

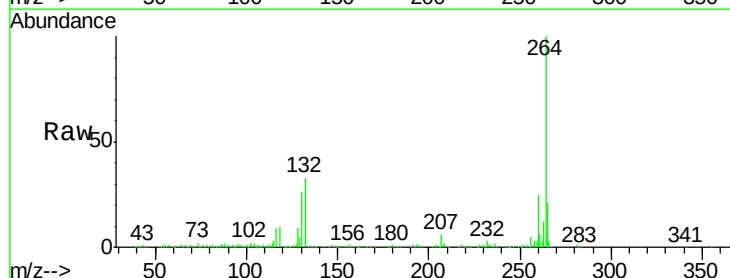
Tgt Ion:264 Resp: 293403

Ion Ratio Lower Upper

264 100

260 24.6 20.4 30.6

265 20.9 17.2 25.8

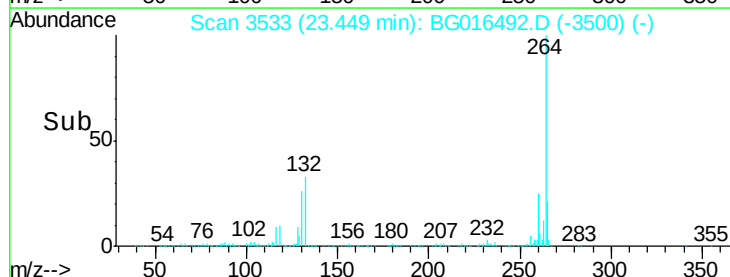


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



Time-->