

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 Data File : BG016982.D
 Acq On : 9 May 2015 8:13
 Operator : TP/IZ
 Sample : G2081-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MWHR2-6

Quant Time: May 11 01:20:14 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 16:13:58 2015
 Response via : Initial Calibration

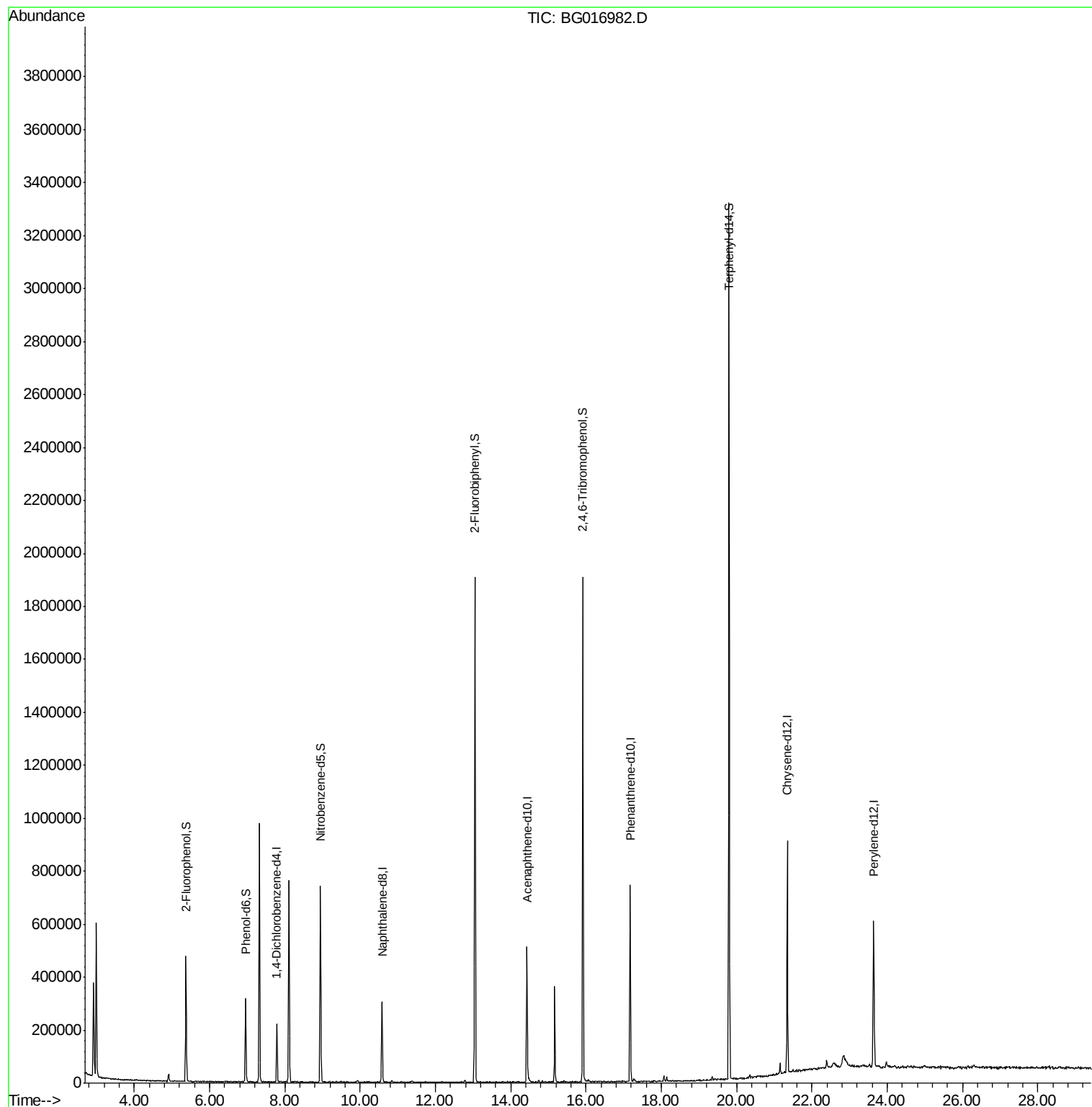
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	51864	20.00	ng	-0.02
21) Naphthalene-d8	10.58	136	228969	20.00	ng	-0.01
38) Acenaphthene-d10	14.43	164	162787	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	387253	20.00	ng	-0.02
75) Chrysene-d12	21.35	240	377582	20.00	ng	-0.02
86) Perylene-d12	23.65	264	378965	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	164768	55.32	ng	-0.01
7) Phenol-d6	6.96	99	142192	33.41	ng	0.00
23) Nitrobenzene-d5	8.94	82	405132	86.44	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	269101	164.67	ng	-0.01
44) 2-Fluorobiphenyl	13.05	172	856673	79.41	ng	-0.02
78) Terphenyl-d14	19.80	244	1312306	81.48	ng	-0.02
Target Compounds						
32) Benzoic acid	9.91	122	61	Below Cal	Qvalue #	1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 868

Delta R.T. -0.02 min

Lab File: BG016982.D

Acq: 9 May 2015 8:13

Instrument :

BNA_G

ClientSampleId :

MWHR2-6

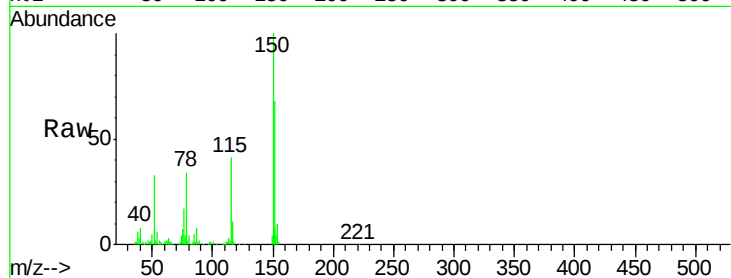
Tgt Ion:152 Resp: 51864

Ion Ratio Lower Upper

152 100

150 146.2 121.0 181.4

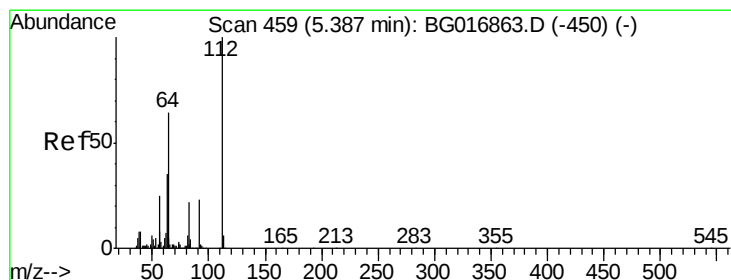
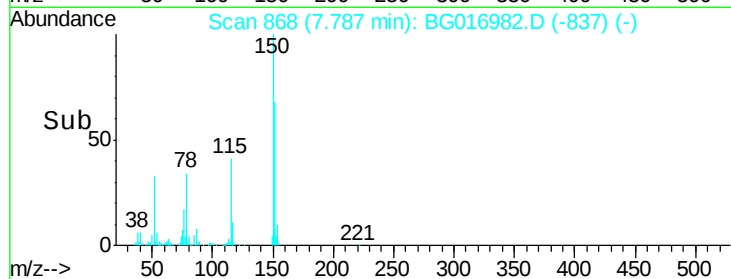
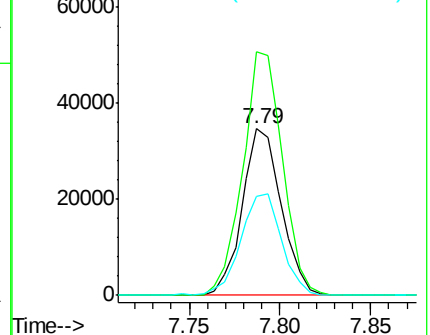
115 59.8 50.5 75.7



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: 55.32 ng

RT: 5.37 min Scan# 457

Delta R.T. -0.01 min

Lab File: BG016982.D

Acq: 9 May 2015 8:13

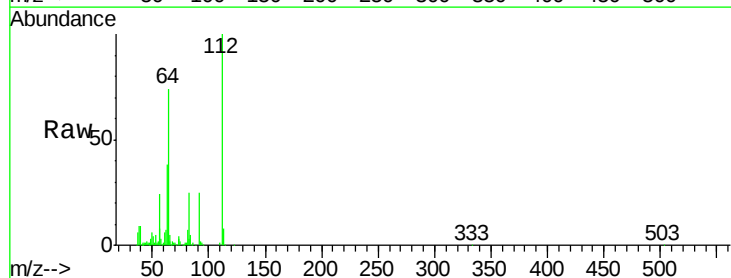
Tgt Ion:112 Resp: 164768

Ion Ratio Lower Upper

112 100

64 73.5 51.4 77.2

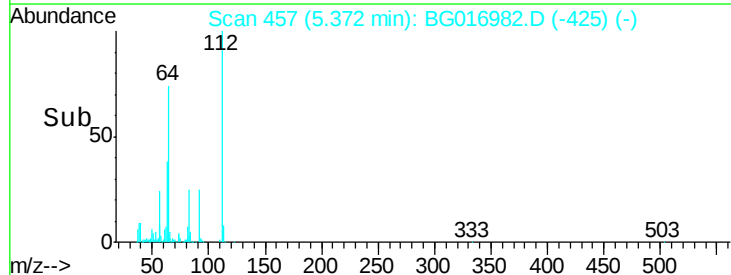
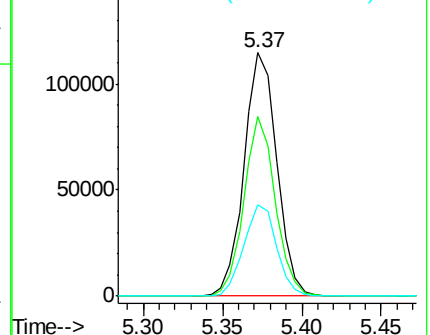
63 37.6 28.1 42.1

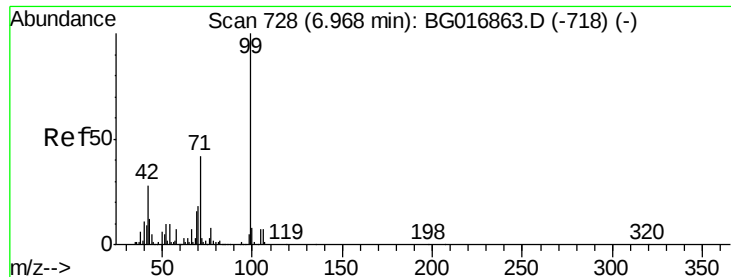


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 33.41 ng

RT: 6.96 min Scan# 727

Delta R.T. -0.01 min

Lab File: BG016982.D

Acq: 9 May 2015 8:13

Instrument :

BNA_G

ClientSampleId :

MWHR2-6

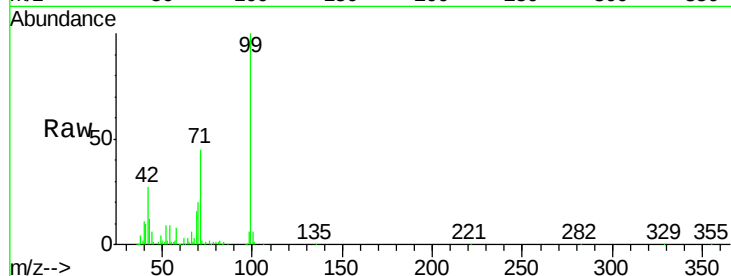
Tgt Ion: 99 Resp: 142192

Ion Ratio Lower Upper

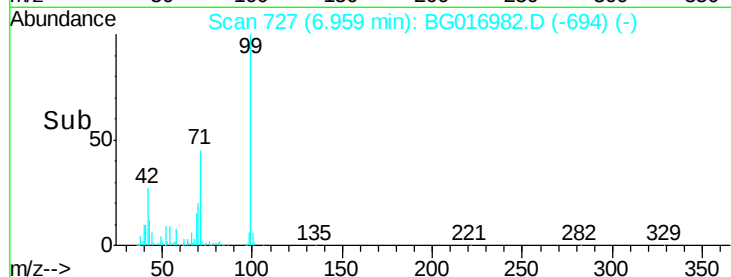
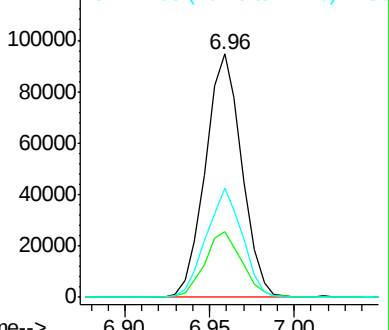
99 100

42 26.9 22.1 33.1

71 44.7 33.4 50.0



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: 10.58 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BG016982.D

Acq: 9 May 2015 8:13

Tgt Ion: 136 Resp: 228969

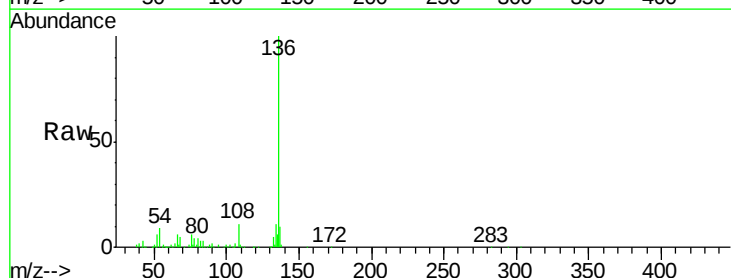
Ion Ratio Lower Upper

136 100

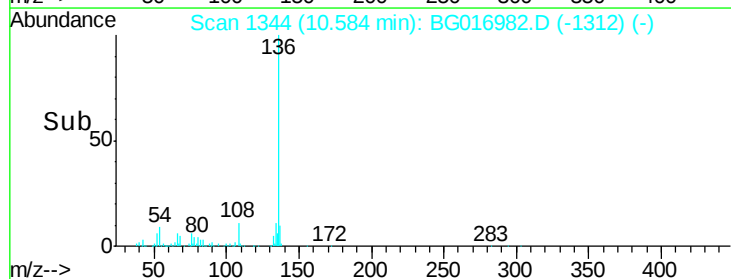
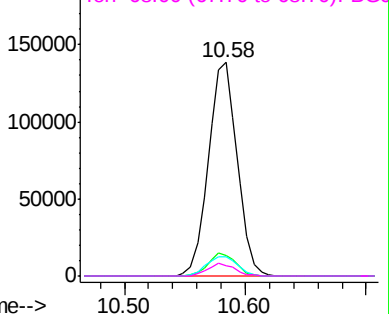
137 9.8 9.8 14.8#

54 9.0 8.7 13.1

68 4.9 5.0 7.4#



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

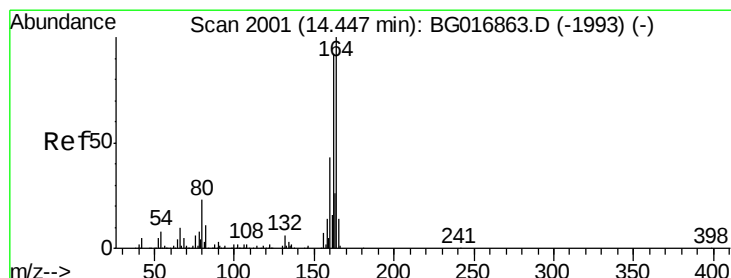
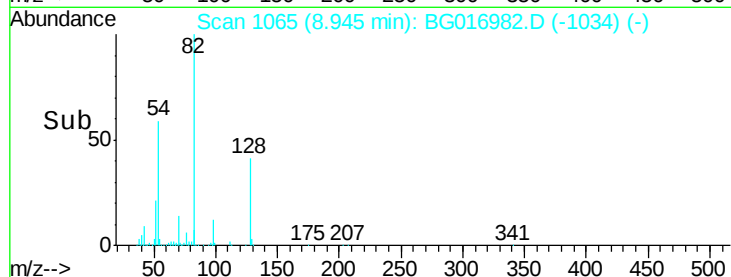
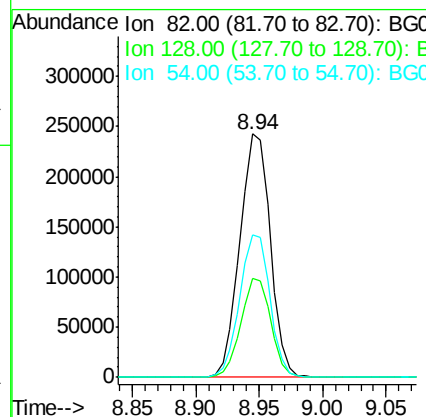
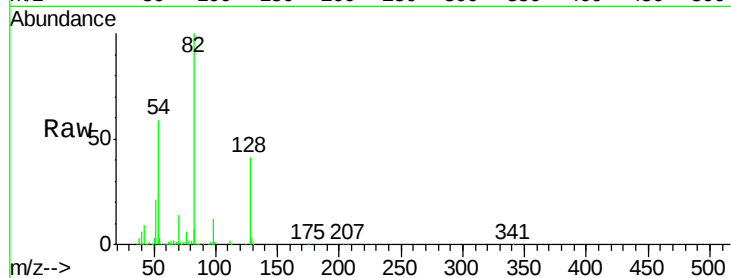




#23
 Nitrobenzene-d5
 Concen: 86.44 ng
 RT: 8.94 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG016982.D
 Acq: 9 May 2015 8:13

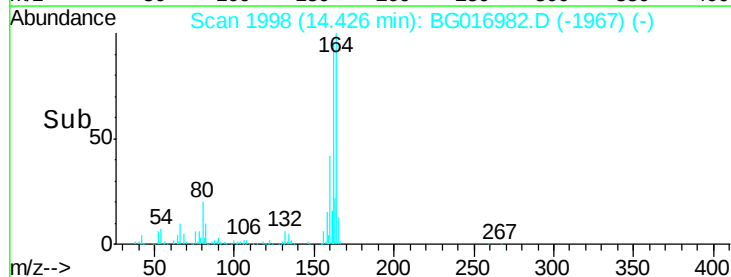
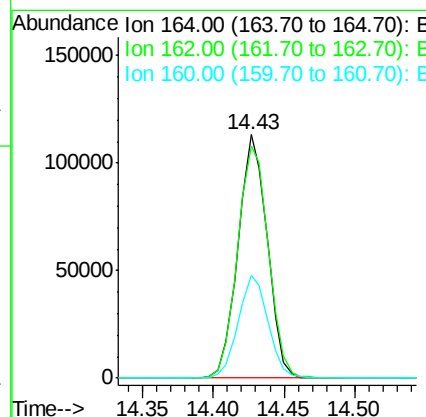
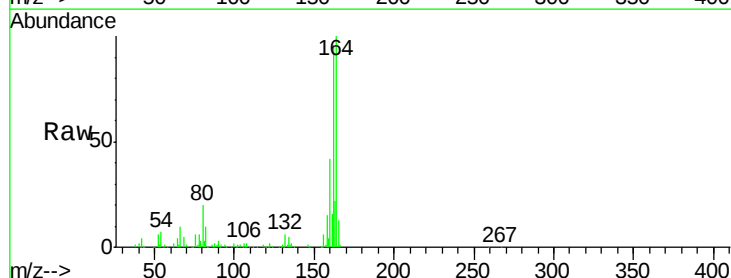
Instrument :
 BNA_G
 ClientSampleId :
 MWHR2-6

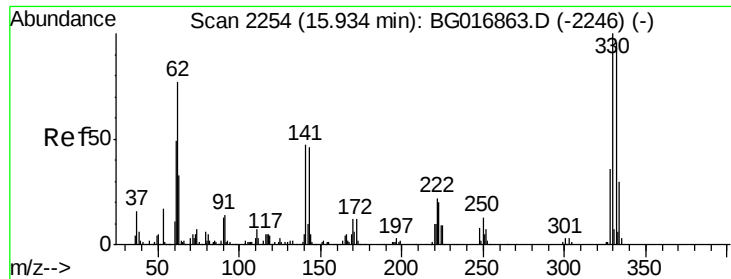
Tgt Ion: 82 Resp: 405132
 Ion Ratio Lower Upper
 82 100
 128 40.6 33.2 49.8
 54 58.6 48.6 72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BG016982.D
 Acq: 9 May 2015 8:13

Tgt Ion: 164 Resp: 162787
 Ion Ratio Lower Upper
 164 100
 162 95.6 74.0 111.0
 160 42.2 34.7 52.1





#41

2,4,6-Tribromophenol

Concen: 164.67 ng

RT: 15.92 min Scan# 2252

Delta R.T. -0.01 min

Lab File: BG016982.D

Acq: 9 May 2015 8:13

Instrument :

BNA_G

ClientSampleId :

MWHR2-6

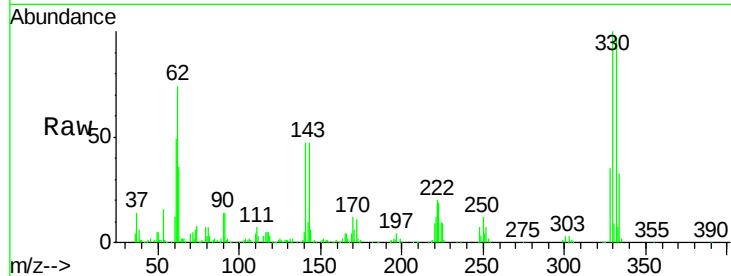
Tgt Ion:330 Resp: 269101

Ion Ratio Lower Upper

330 100

332 97.0 0.0 0.0#

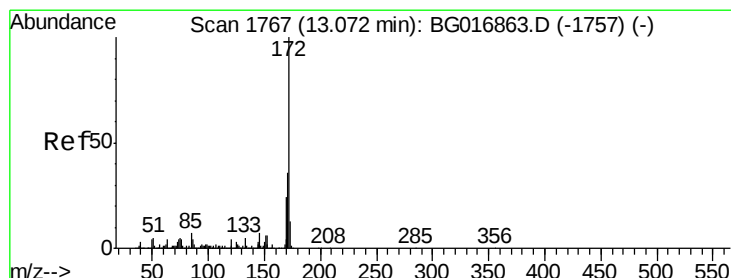
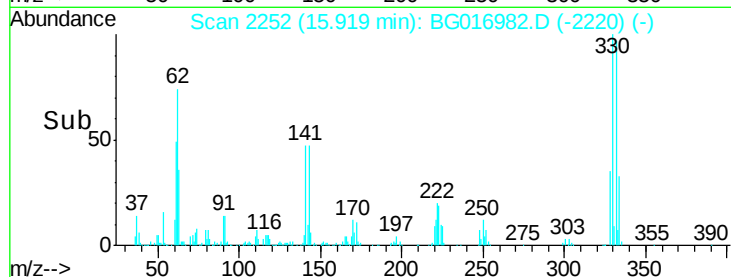
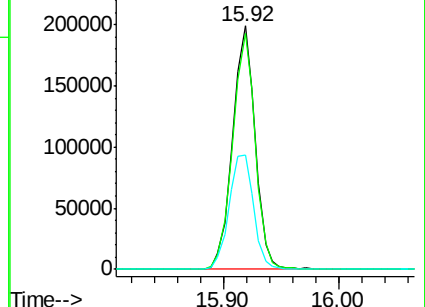
141 51.1 0.0 0.0#



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: 79.41 ng

RT: 13.05 min Scan# 1764

Delta R.T. -0.02 min

Lab File: BG016982.D

Acq: 9 May 2015 8:13

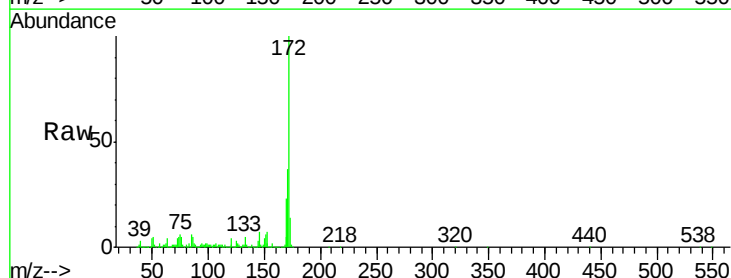
Tgt Ion:172 Resp: 856673

Ion Ratio Lower Upper

172 100

171 37.1 29.0 43.4

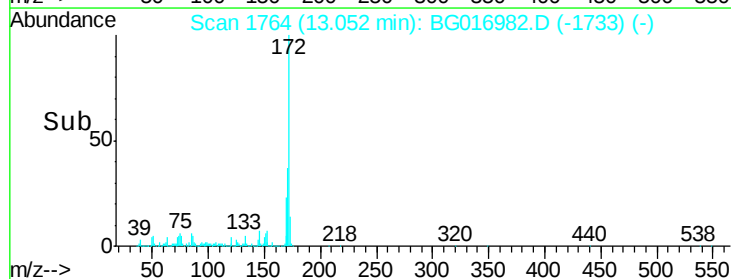
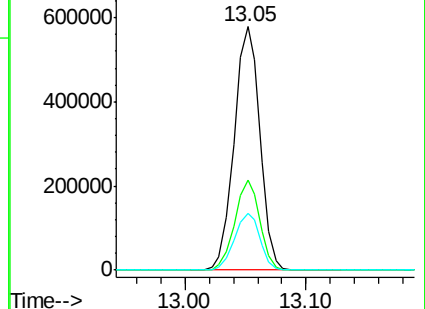
170 23.3 19.0 28.4

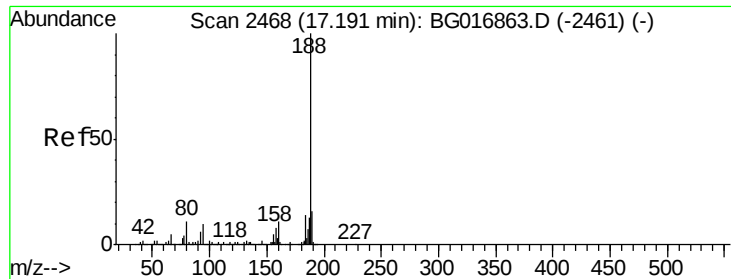


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

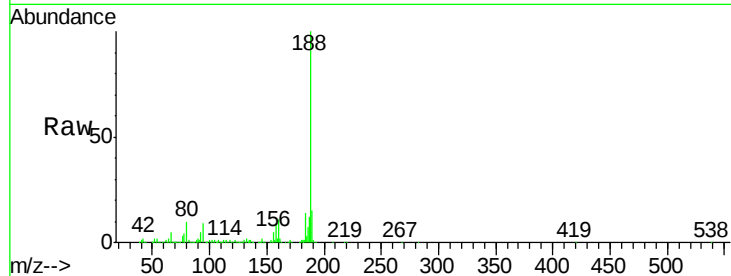




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2465
Delta R.T. -0.02 min
Lab File: BG016982.D
Acq: 9 May 2015 8:13

Instrument :
BNA_G
ClientSampleId :
MWHR2-6

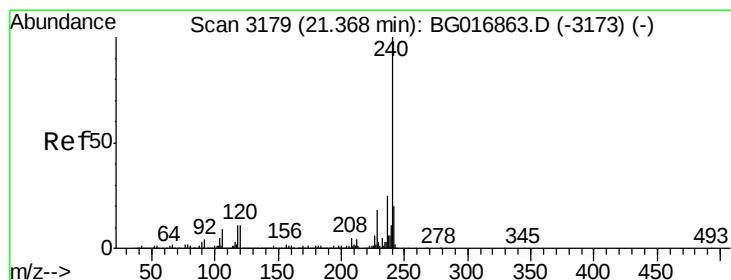
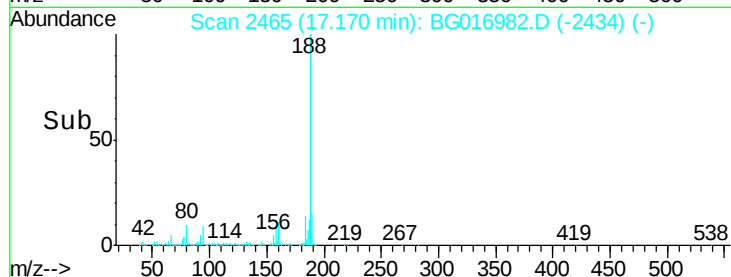
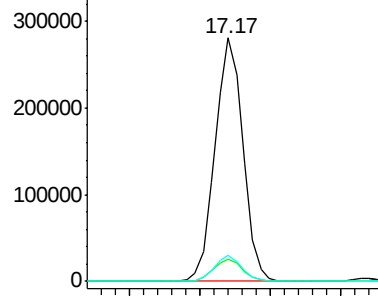
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.2	12.4
80	10.4	8.8	13.2



Abundance Ion 188.00 (187.70 to 188.70): E

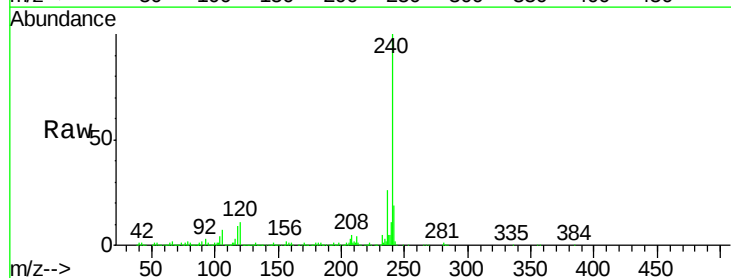
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.35 min Scan# 3176
Delta R.T. -0.02 min
Lab File: BG016982.D
Acq: 9 May 2015 8:13

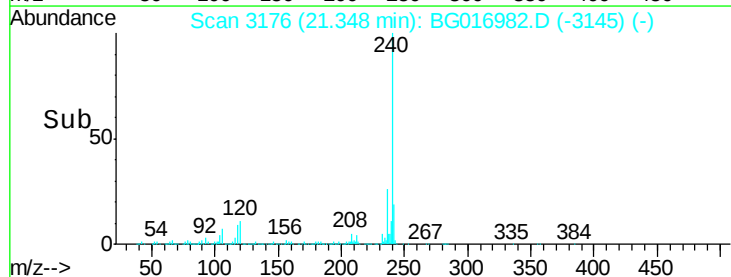
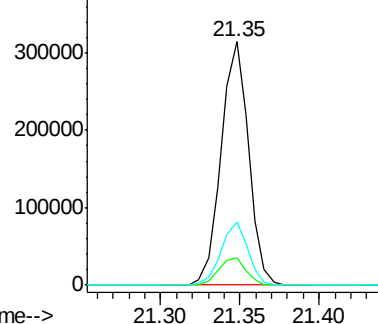
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.1	13.7
236	25.9	20.2	30.4



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: 81.48 ng

RT: 19.80 min Scan# 2912

Delta R.T. -0.02 min

Lab File: BG016982.D

Acq: 9 May 2015 8:13

Instrument :

BNA_G

ClientSampleId :

MWHR2-6

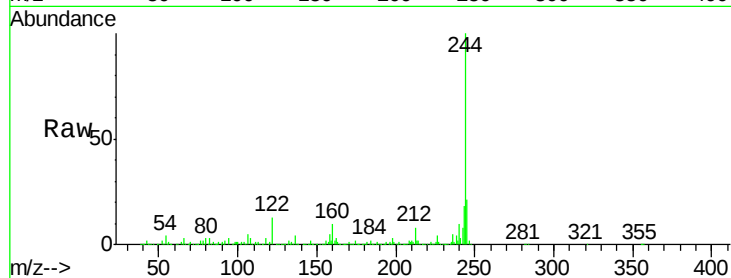
Tgt Ion:244 Resp: 1312306

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.6

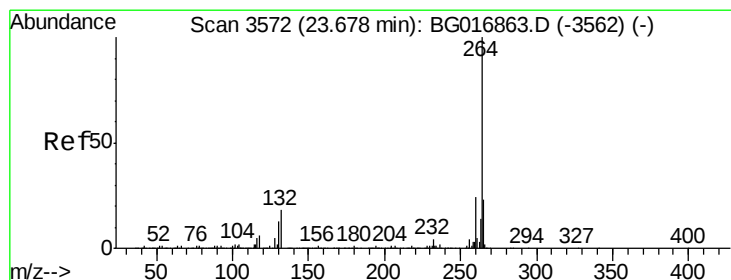
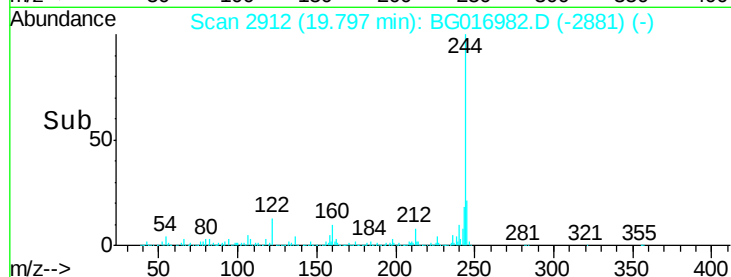
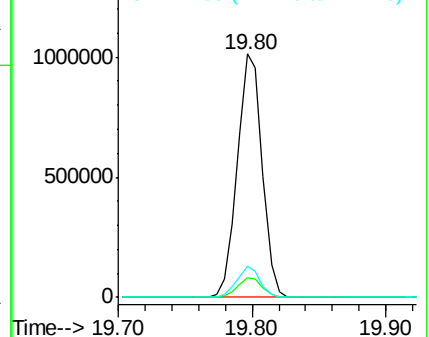
122 12.6 10.4 15.6



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: 23.65 min Scan# 3567

Delta R.T. -0.03 min

Lab File: BG016982.D

Acq: 9 May 2015 8:13

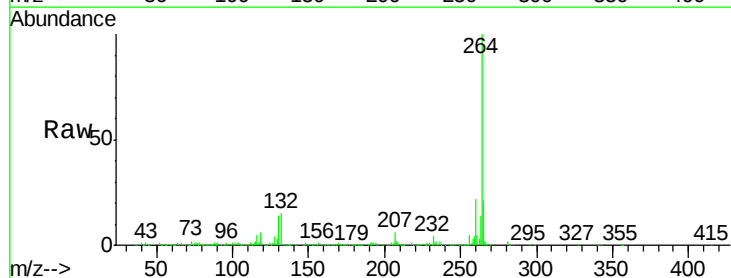
Tgt Ion:264 Resp: 378965

Ion Ratio Lower Upper

264 100

260 22.5 19.5 29.3

265 21.5 18.5 27.7



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

