

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051015\
 Data File : BG017046.D
 Acq On : 11 May 2015 4:49
 Operator : TP/IZ
 Sample : G2172-02
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-03

Quant Time: May 19 07:56:19 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

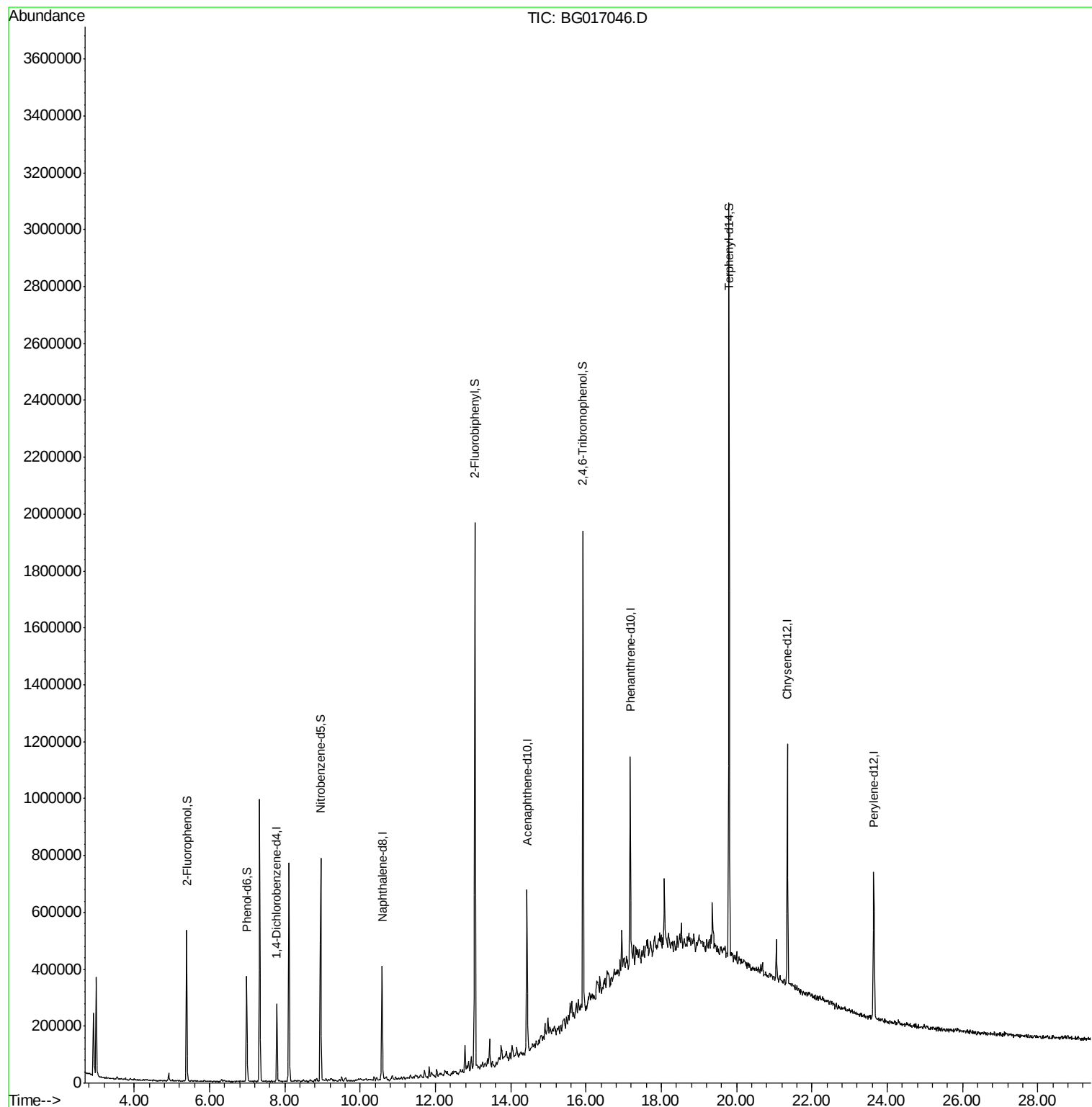
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	61147	20.00	ng	-0.02
21) Naphthalene-d8	10.58	136	298497	20.00	ng	-0.02
38) Acenaphthene-d10	14.43	164	186737	20.00	ng	-0.02
63) Phenanthrene-d10	17.18	188	394071	20.00	ng	-0.02
75) Chrysene-d12	21.35	240	373749	20.00	ng	-0.02
86) Perylene-d12	23.64	264	364419	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	186281	53.05	ng	0.00
7) Phenol-d6	6.99	99	178836	35.65	ng	0.02
23) Nitrobenzene-d5	8.95	82	405851	66.42	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	244726	130.54	ng	0.00
44) 2-Fluorobiphenyl	13.05	172	857731	69.31	ng	-0.02
78) Terphenyl-d14	19.80	244	1020544	64.01	ng	-0.02
Target Compounds						
32) Benzoic acid	9.86	122	123	Below Cal	Qvalue #	70

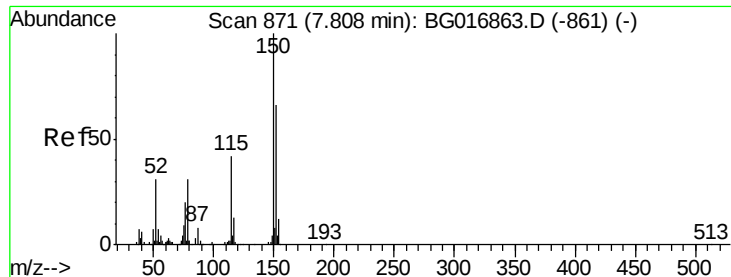
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG017046.D

Acq: 11 May 2015 4:49

Instrument :

BNA_G

ClientSampleId :

MW-03

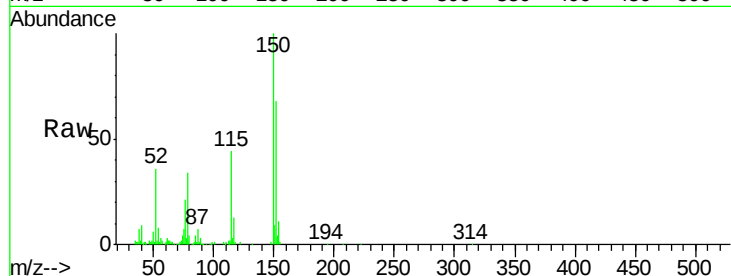
Tgt Ion:152 Resp: 61147

Ion Ratio Lower Upper

152 100

150 147.6 121.0 181.4

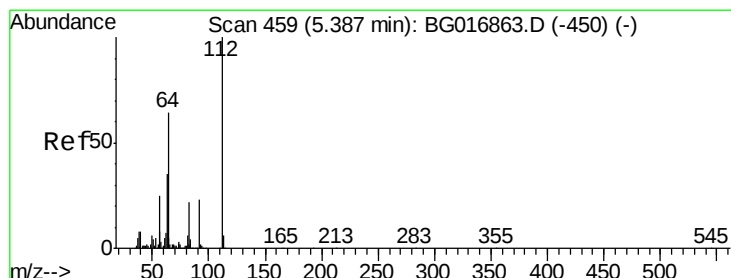
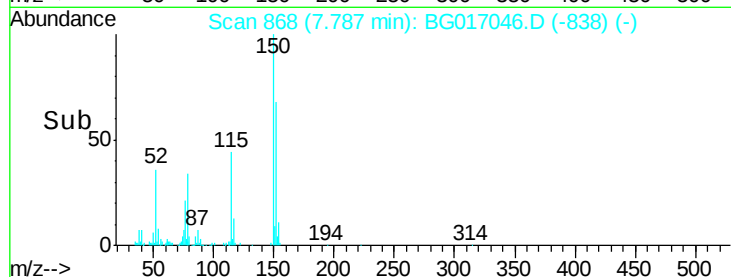
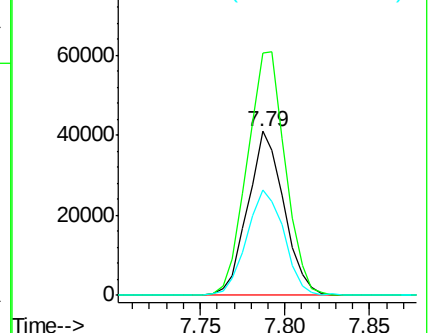
115 64.3 50.5 75.7



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: 53.05 ng

RT: 5.39 min Scan# 460

Delta R.T. 0.00 min

Lab File: BG017046.D

Acq: 11 May 2015 4:49

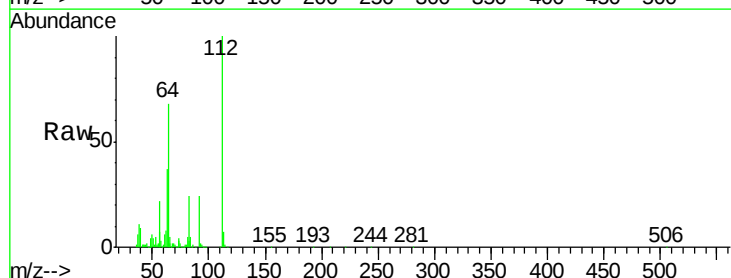
Tgt Ion:112 Resp: 186281

Ion Ratio Lower Upper

112 100

64 68.5 51.4 77.2

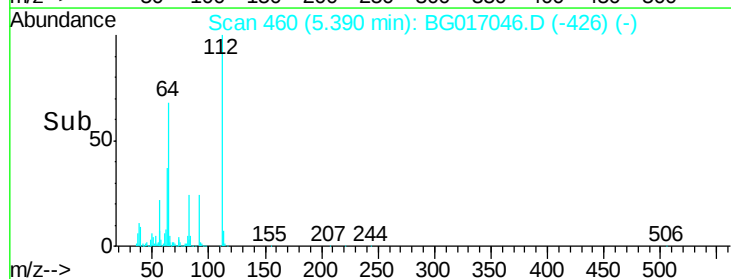
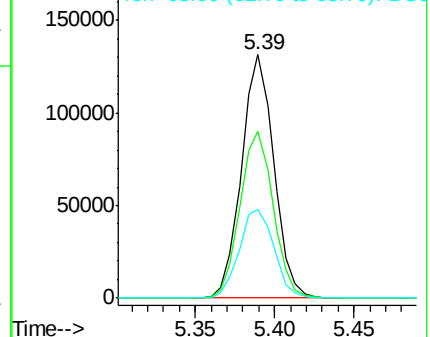
63 36.5 28.1 42.1

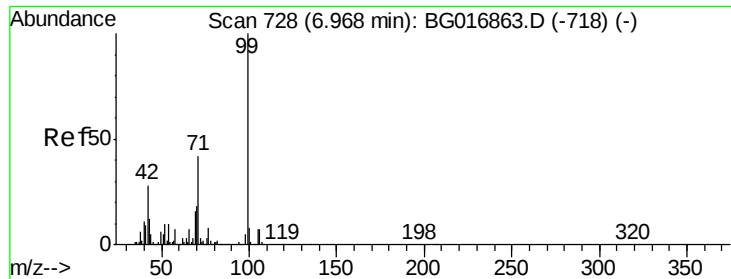


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 35.65 ng

RT: 6.99 min Scan# 732

Delta R.T. 0.02 min

Lab File: BG017046.D

Acq: 11 May 2015 4:49

Instrument :

BNA_G

ClientSampleId :

MW-03

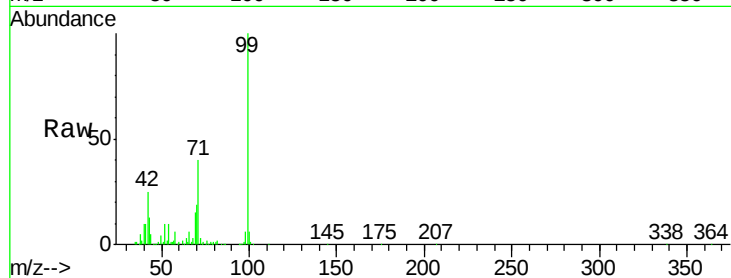
Tgt Ion: 99 Resp: 178836

Ion Ratio Lower Upper

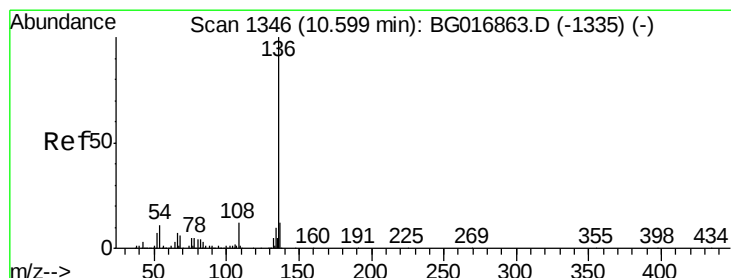
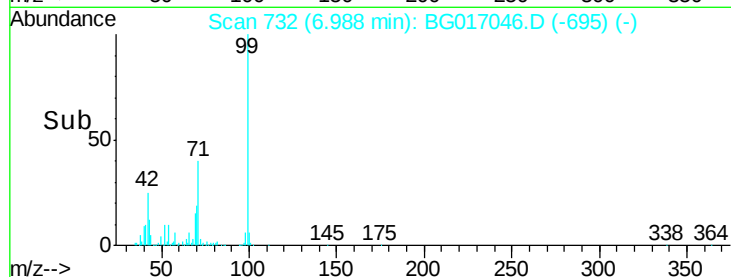
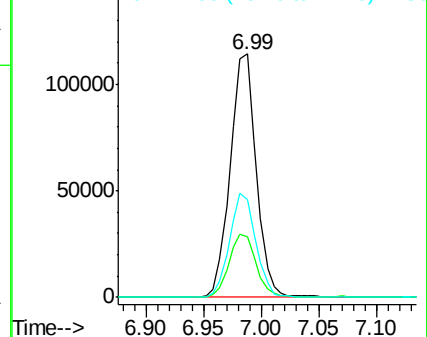
99 100

42 25.1 22.1 33.1

71 40.3 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. -0.02 min

Lab File: BG017046.D

Acq: 11 May 2015 4:49

Tgt Ion: 136 Resp: 298497

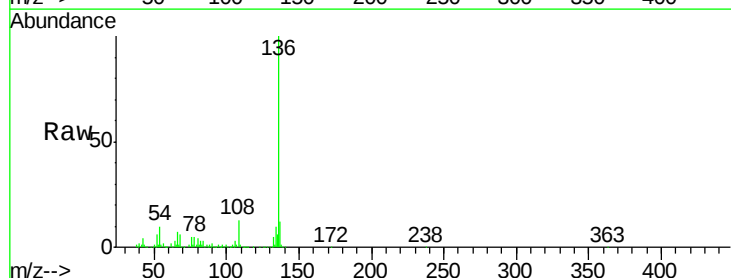
Ion Ratio Lower Upper

136 100

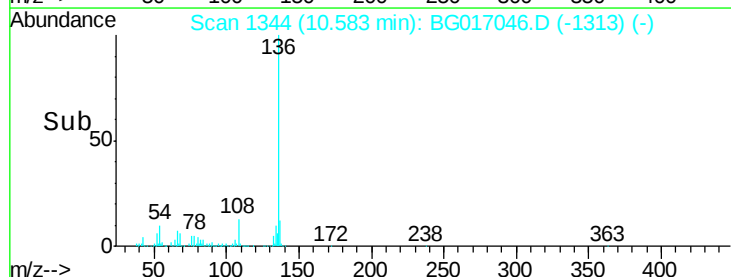
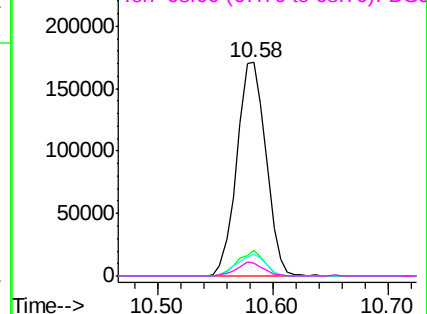
137 11.9 9.8 14.8

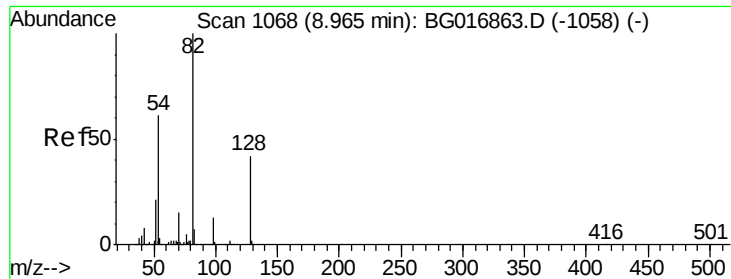
54 10.3 8.7 13.1

68 5.9 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

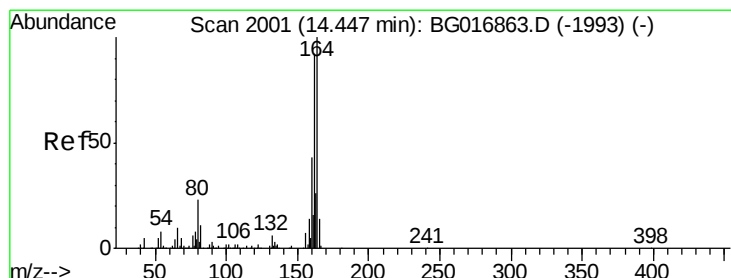
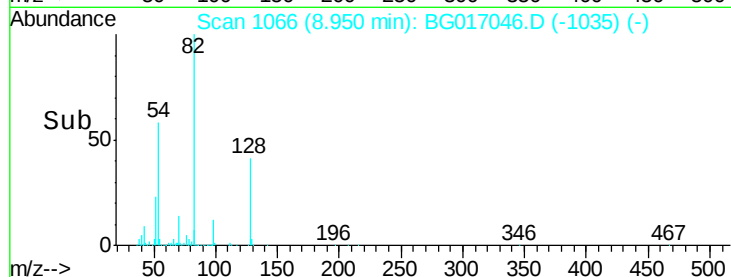
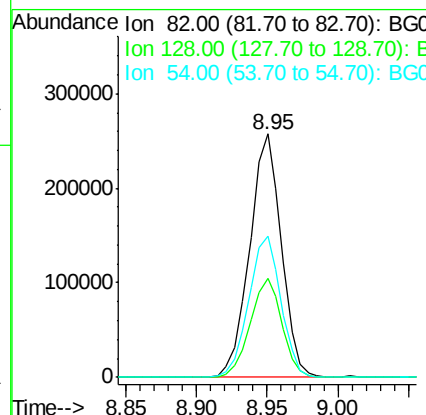
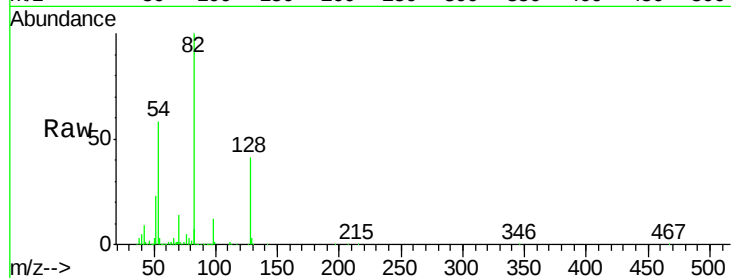




#23
 Nitrobenzene-d5
 Concen: 66.42 ng
 RT: 8.95 min Scan# 1066
 Delta R.T. -0.02 min
 Lab File: BG017046.D
 Acq: 11 May 2015 4:49

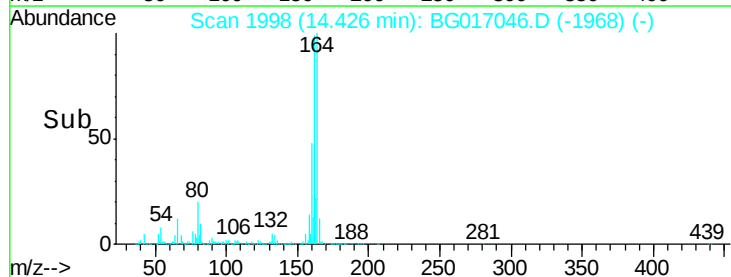
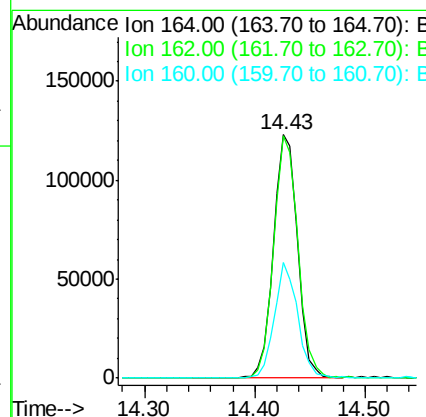
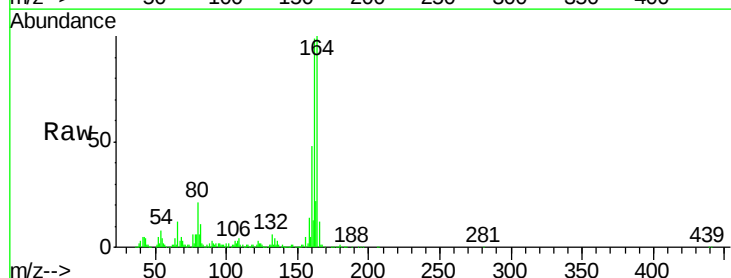
Instrument :
 BNA_G
 ClientSampleId :
 MW-03

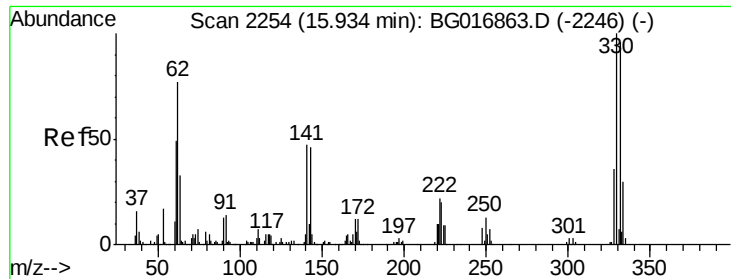
Tgt Ion: 82 Resp: 405851
 Ion Ratio Lower Upper
 82 100
 128 40.5 33.2 49.8
 54 58.0 48.6 72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BG017046.D
 Acq: 11 May 2015 4:49

Tgt Ion: 164 Resp: 186737
 Ion Ratio Lower Upper
 164 100
 162 99.4 74.0 111.0
 160 47.7 34.7 52.1

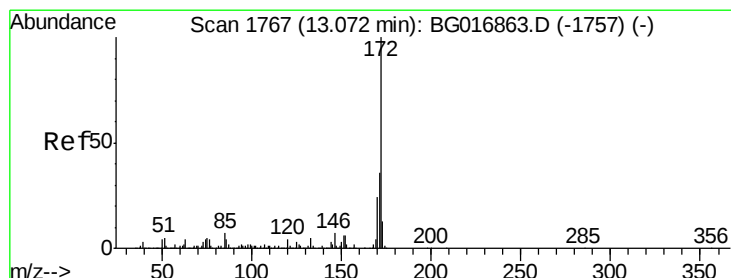
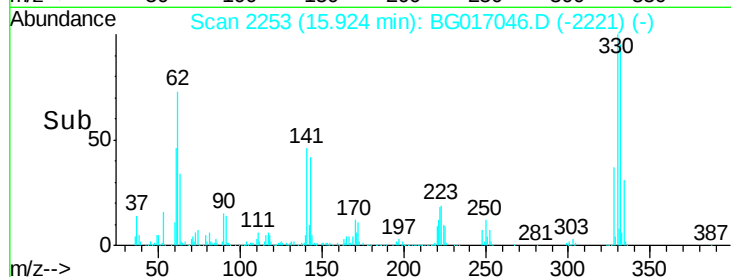
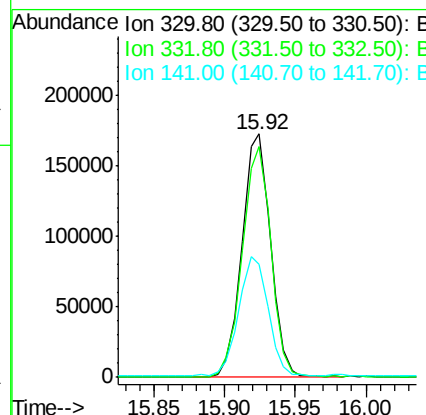
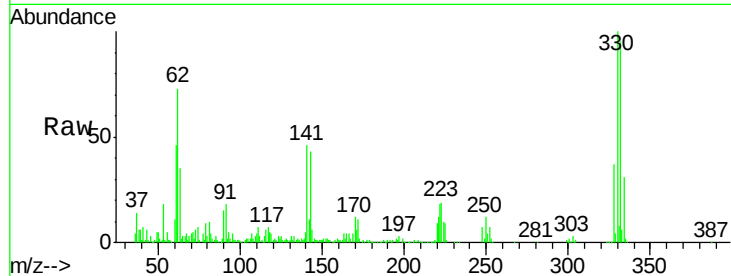




#41
 2,4,6-Tribromophenol
 Concen: 130.54 ng
 RT: 15.92 min Scan# 2253
 Delta R.T. -0.01 min
 Lab File: BG017046.D
 Acq: 11 May 2015 4:49

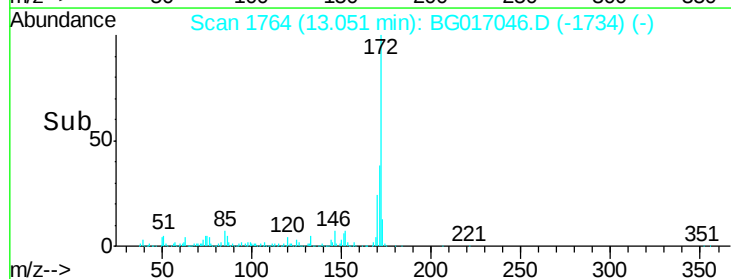
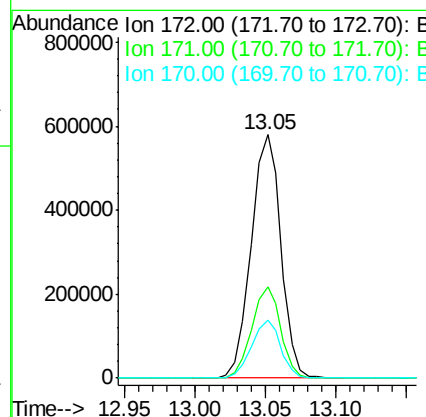
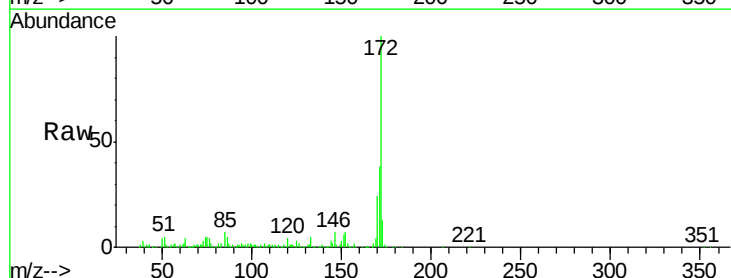
Instrument :
 BNA_G
 ClientSampleId :
 MW-03

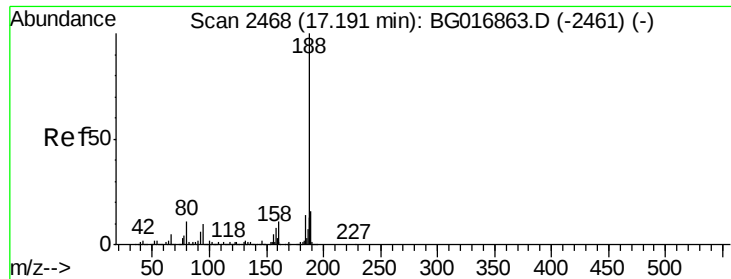
Tgt Ion:330 Resp: 244726
 Ion Ratio Lower Upper
 330 100
 332 95.3 0.0 0.0#
 141 50.6 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 69.31 ng
 RT: 13.05 min Scan# 1764
 Delta R.T. -0.02 min
 Lab File: BG017046.D
 Acq: 11 May 2015 4:49

Tgt Ion:172 Resp: 857731
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.0 43.4
 170 23.8 19.0 28.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.18 min Scan# 2466

Delta R.T. -0.02 min

Lab File: BG017046.D

Acq: 11 May 2015 4:49

Instrument :

BNA_G

ClientSampleId :

MW-03

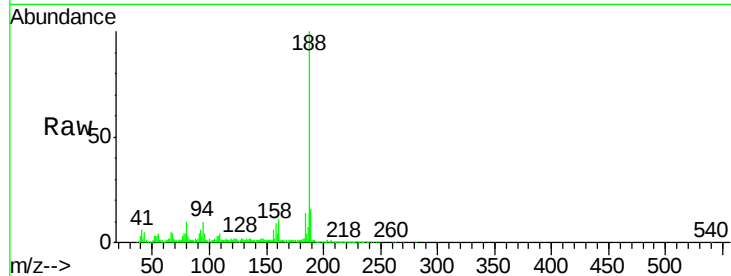
Tgt Ion:188 Resp: 394071

Ion Ratio Lower Upper

188 100

94 10.2 8.2 12.4

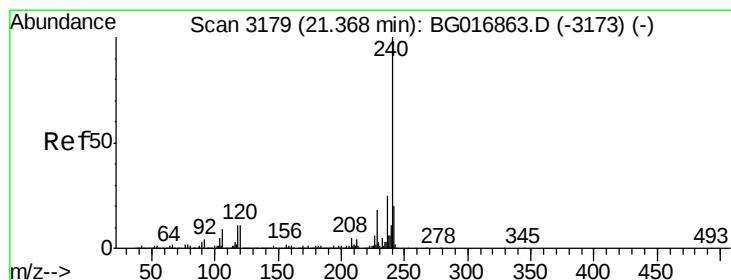
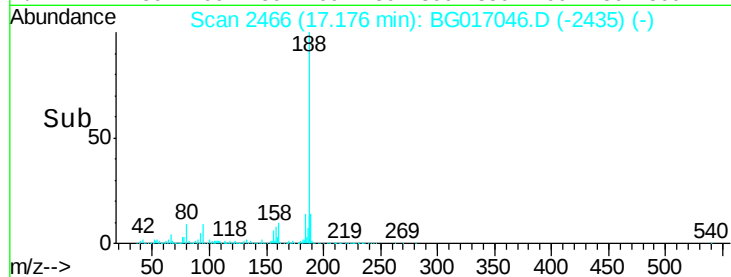
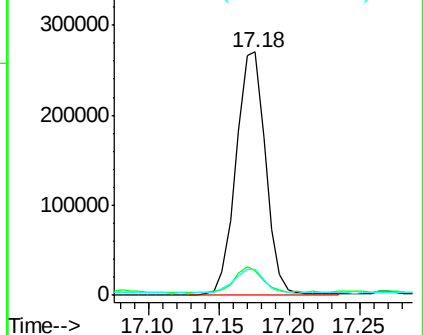
80 10.5 8.8 13.2



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: BG017046.D

Acq: 11 May 2015 4:49

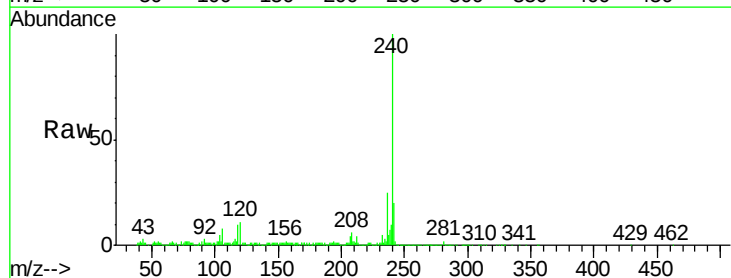
Tgt Ion:240 Resp: 373749

Ion Ratio Lower Upper

240 100

120 10.8 9.1 13.7

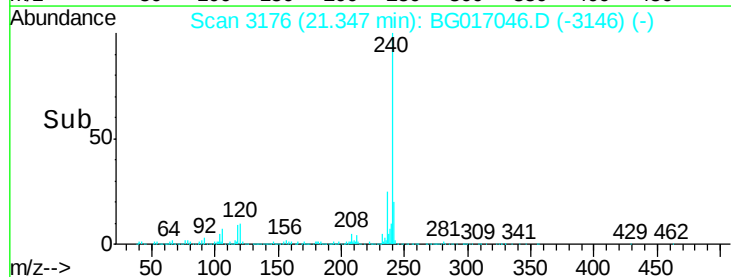
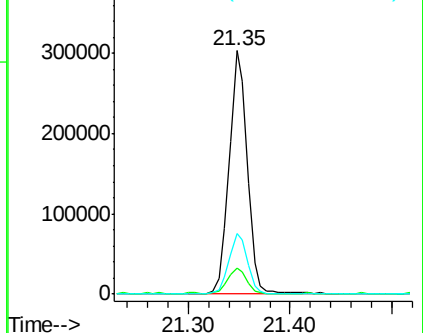
236 25.0 20.2 30.4

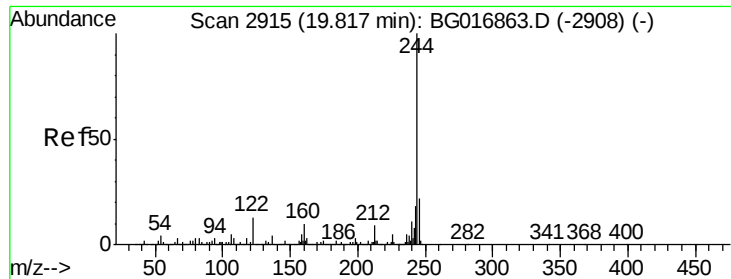


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 64.01 ng

RT: 19.80 min Scan# 2912

Delta R.T. -0.02 min

Lab File: BG017046.D

Acq: 11 May 2015 4:49

Instrument :

BNA_G

ClientSampled :

MW-03

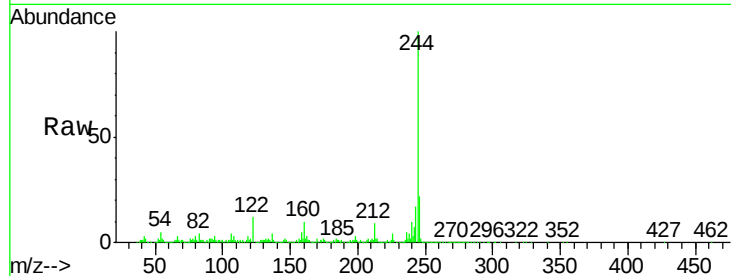
Tgt Ion:244 Resp: 1020544

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

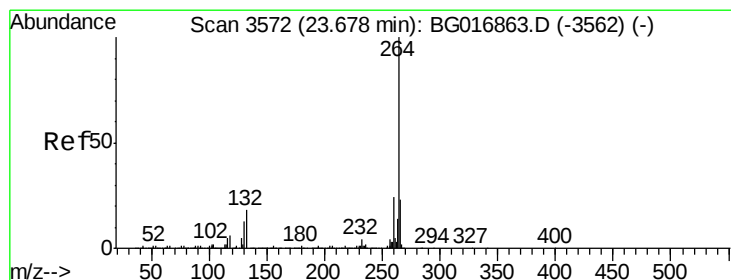
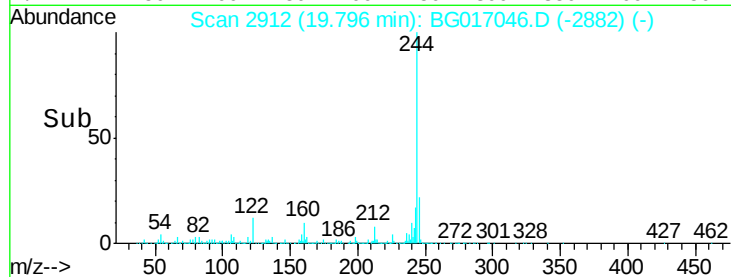
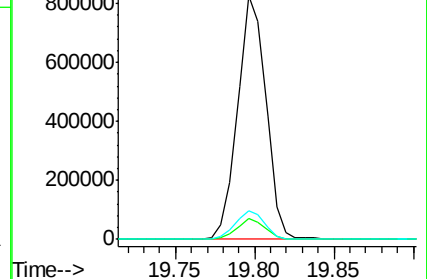
122 11.9 10.4 15.6



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: 23.64 min Scan# 3567

Delta R.T. -0.03 min

Lab File: BG017046.D

Acq: 11 May 2015 4:49

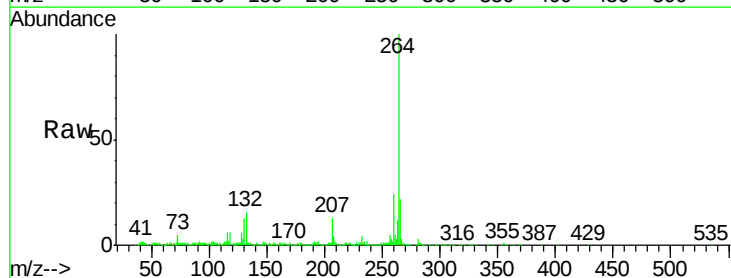
Tgt Ion:264 Resp: 364419

Ion Ratio Lower Upper

264 100

260 23.7 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

