

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
 Data File : BF081058.D
 Acq On : 18 Aug 2015 23:33
 Operator : UM/IZ
 Sample : G3278-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Aug 19 12:25:22 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

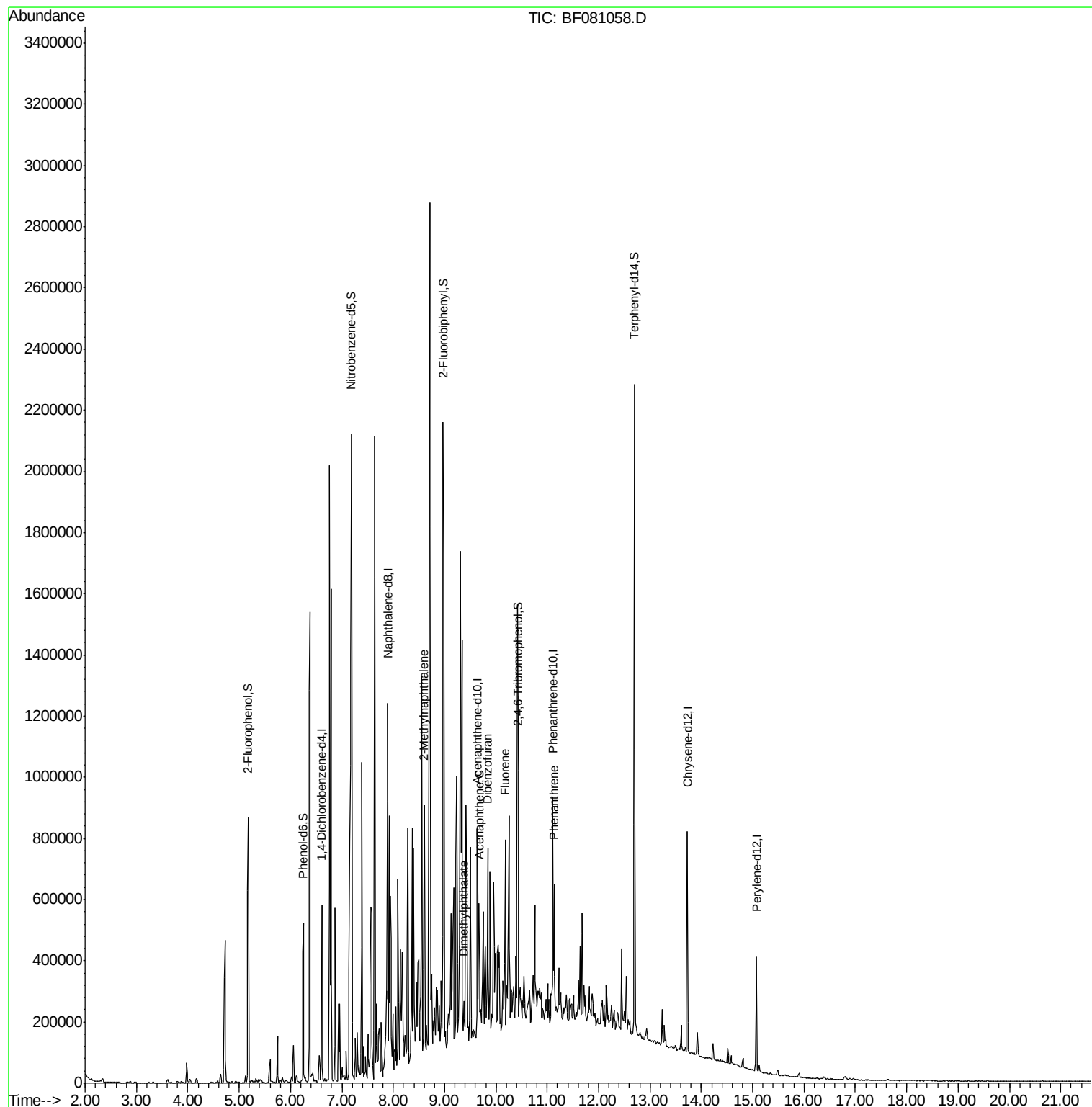
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	71473	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	273434	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	130966	20.00	ng	-0.02
63) Phenanthrene-d10	11.11	188	252553	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	221954	20.00	ng	-0.02
86) Perylene-d12	15.07	264	170481	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	276707	58.23	ng	-0.01
7) Phenol-d6	6.25	99	233591	37.68	ng	-0.01
23) Nitrobenzene-d5	7.19	82	586284	97.95	ng	0.00
41) 2,4,6-Tribromophenol	10.43	330	178375	157.12	ng	-0.01
44) 2-Fluorobiphenyl	8.97	172	944222	94.47	ng	-0.02
78) Terphenyl-d14	12.70	244	835040	80.66	ng	-0.01
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.60	142	191174	19.86	ng	99
49) Dimethylphthalate	9.37	163	31831	2.95	ng	98
51) Acenaphthene	9.67	154	79479	8.01	ng	99
54) Dibenzofuran	9.84	168	86109	6.47	ng	# 82
57) Fluorene	10.18	166	143391	14.02	ng	97
70) Phenanthrene	11.13	178	142673	9.53	ng	99

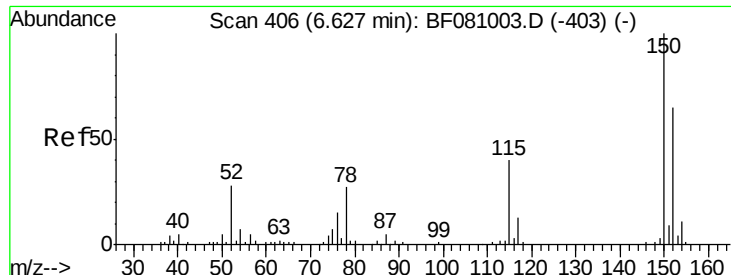
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
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Quant Time: Aug 19 12:25:22 2015
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QLast Update : Mon Aug 17 17:57:25 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF081058.D

Acq: 18 Aug 2015 23:33

Instrument :

BNA_F

ClientSampleId :

MW-1

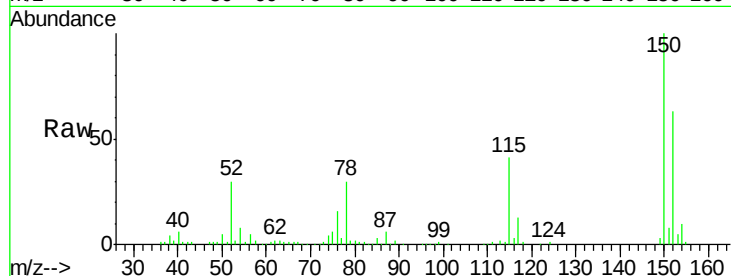
Tot Ion:152 Resp: 71473

Ion Ratio Lower Upper

152 100

150 158.5 123.8 185.6

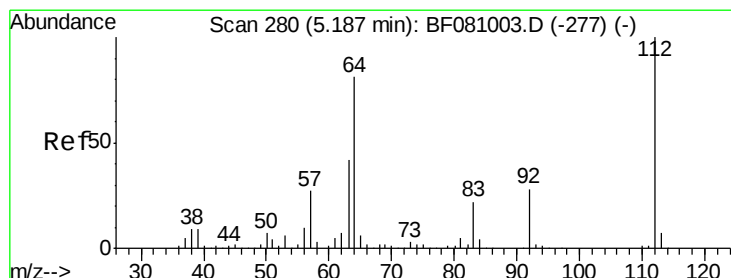
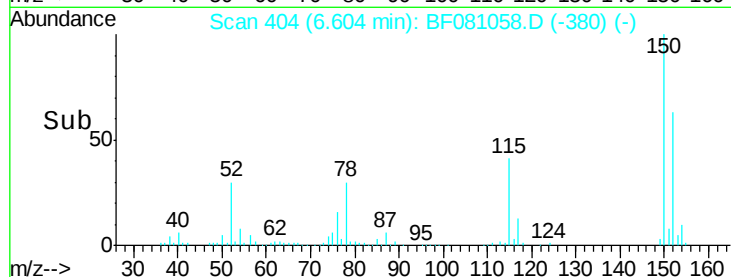
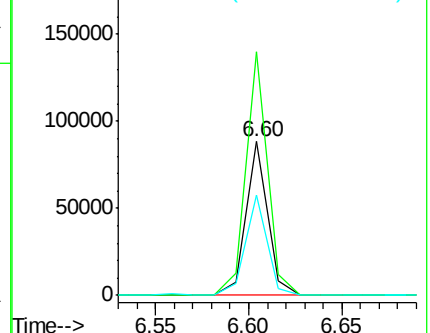
115 65.4 52.1 78.1



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: 58.23 ng

RT: 5.18 min Scan# 279

Delta R.T. -0.01 min

Lab File: BF081058.D

Acq: 18 Aug 2015 23:33

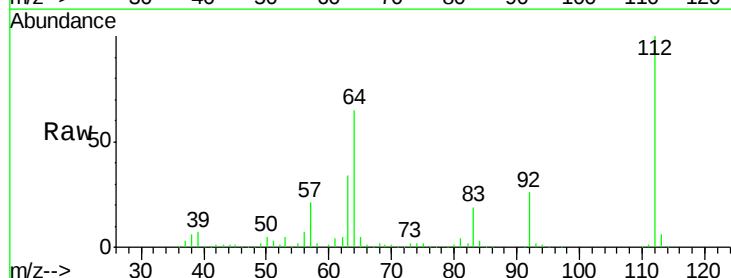
Tgt Ion:112 Resp: 276707

Ion Ratio Lower Upper

112 100

64 64.6 66.9 100.3#

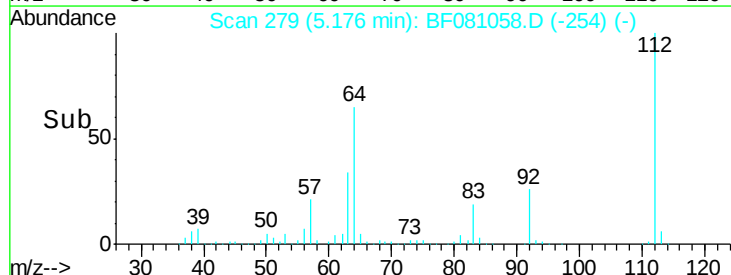
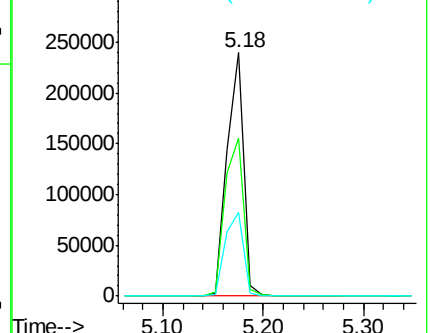
63 34.4 38.1 57.1#

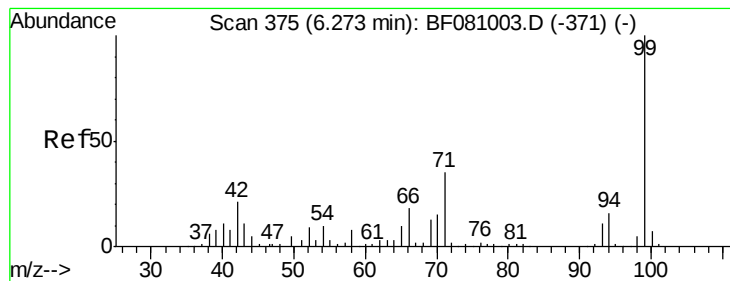


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.68 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF081058.D

Acq: 18 Aug 2015 23:33

Instrument :

BNA_F

ClientSampled :

MW-1

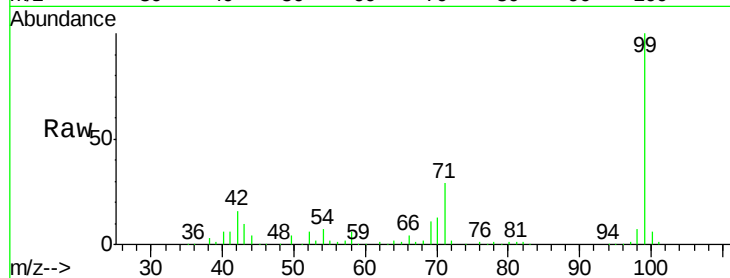
Tot Ion: 99 Resp: 233591

Ion Ratio Lower Upper

99 100

42 16.3 19.6 29.4#

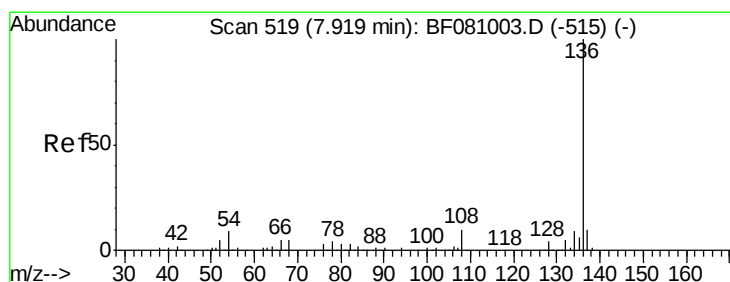
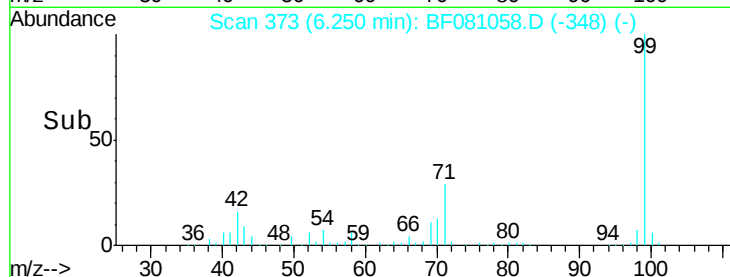
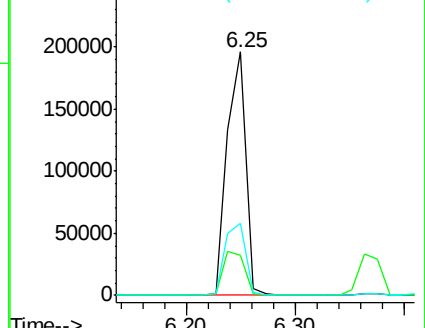
71 29.4 31.2 46.8#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF081058.D

Acq: 18 Aug 2015 23:33

Tgt Ion: 136 Resp: 273434

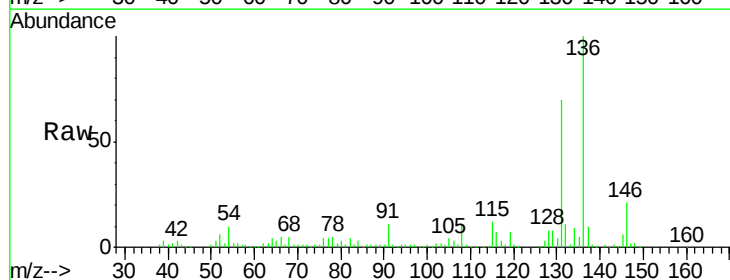
Ion Ratio Lower Upper

136 100

137 10.4 8.2 12.2

54 9.8 7.7 11.5

68 5.3 3.4 5.2#

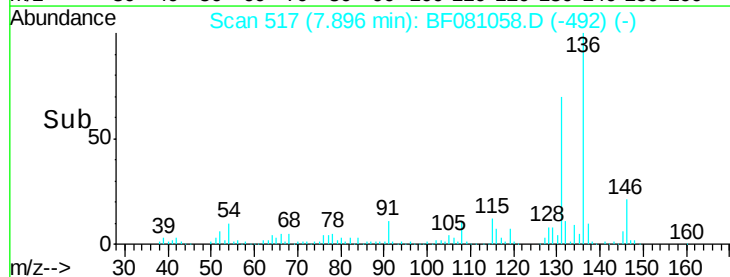
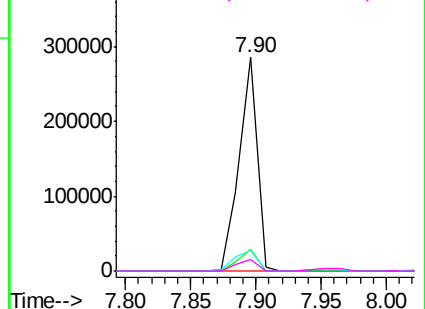


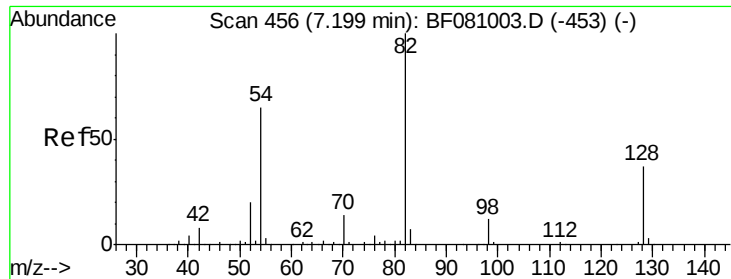
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

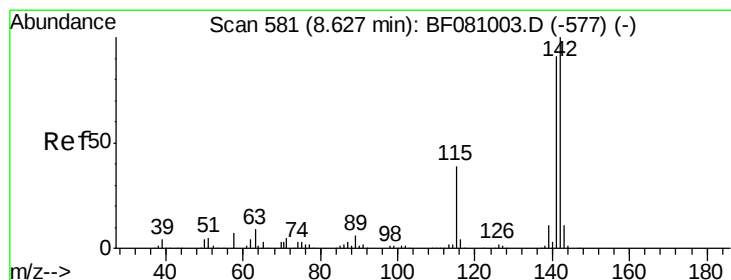
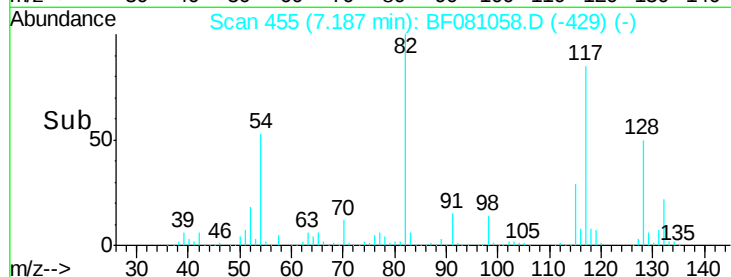
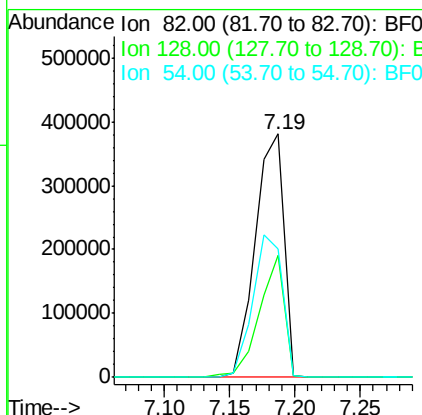
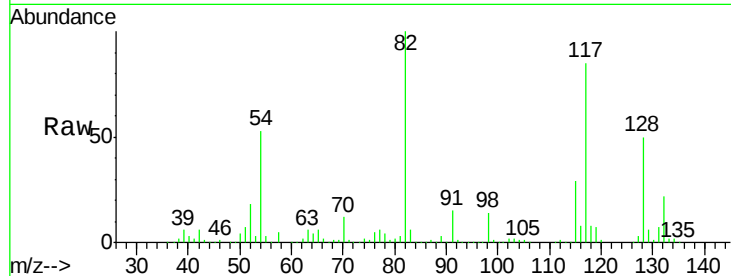




#23
Nitrobenzene-d5
Concen: 97.95 ng
RT: 7.19 min Scan# 455
Delta R.T. -0.00 min
Lab File: BF081058.D
Acq: 18 Aug 2015 23:33

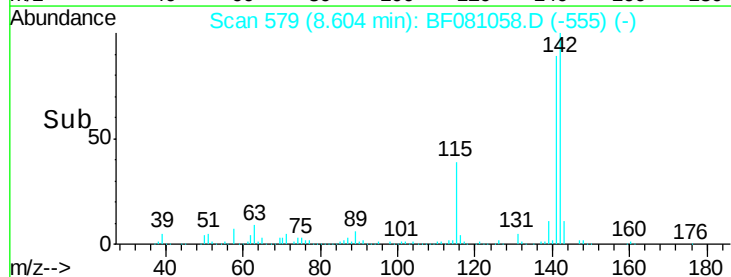
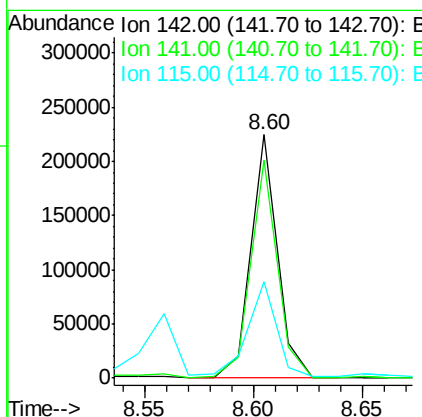
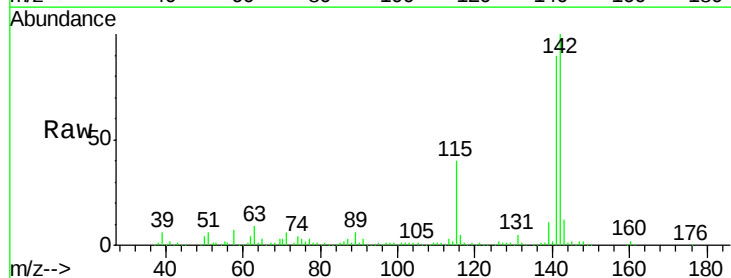
Instrument :
BNA_F
ClientSampled :
MW-1

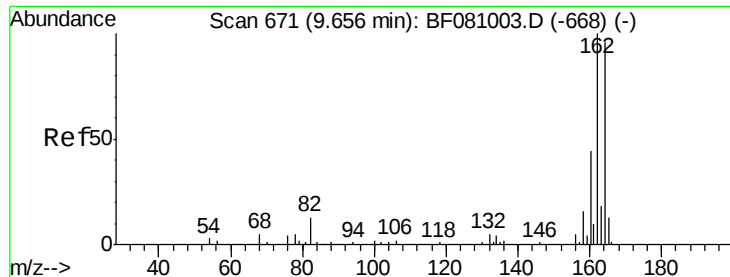
Tot Ion: 82 Resp: 586284
Ion Ratio Lower Upper
82 100
128 50.2 28.6 42.8#
54 52.9 55.1 82.7#



#37
2-Methylnaphthalene
Concen: 19.86 ng
RT: 8.60 min Scan# 579
Delta R.T. -0.02 min
Lab File: BF081058.D
Acq: 18 Aug 2015 23:33

Tgt Ion: 142 Resp: 191174
Ion Ratio Lower Upper
142 100
141 89.7 71.4 107.2
115 39.7 33.4 50.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.63 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF081058.D

Acq: 18 Aug 2015 23:33

Instrument :

BNA_F

ClientSampleId :

MW-1

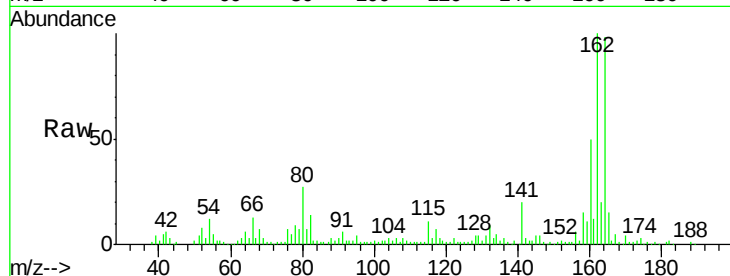
Tot Ion:164 Resp: 130966

Ion Ratio Lower Upper

164 100

162 102.4 83.8 125.8

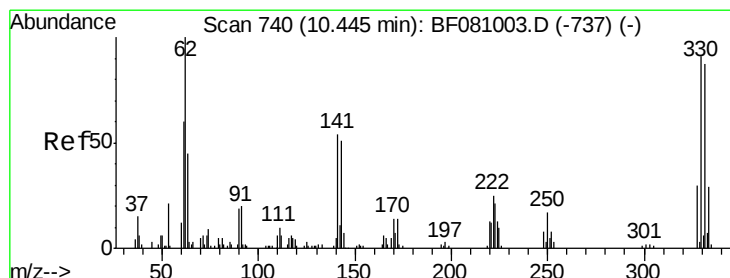
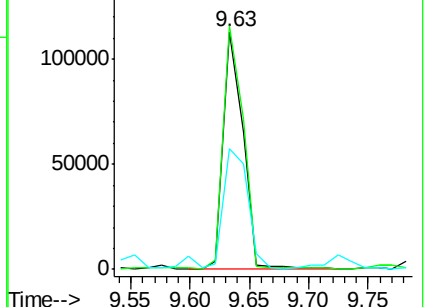
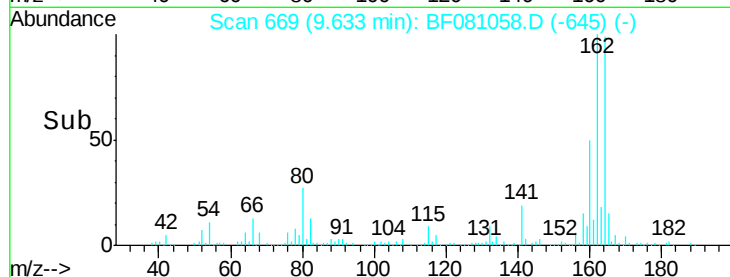
160 50.7 39.8 59.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 157.12 ng

RT: 10.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF081058.D

Acq: 18 Aug 2015 23:33

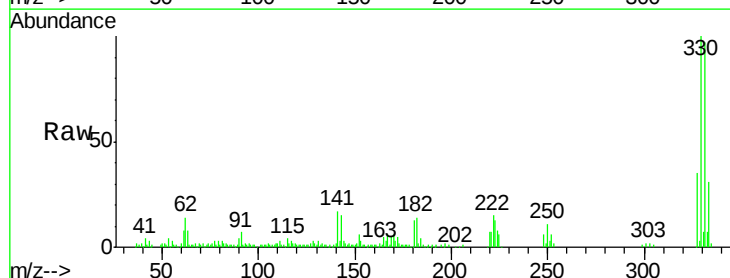
Tgt Ion:330 Resp: 178375

Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

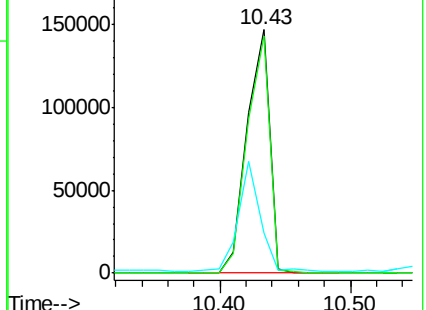
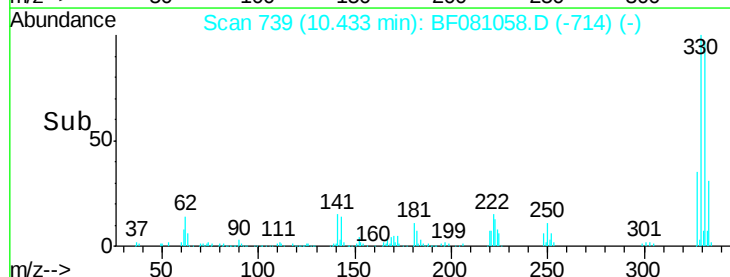
141 43.3 44.9 67.3#

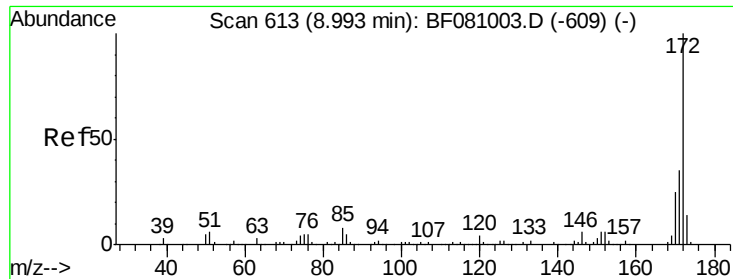


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

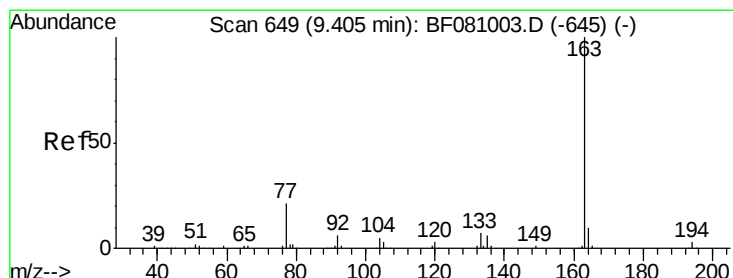
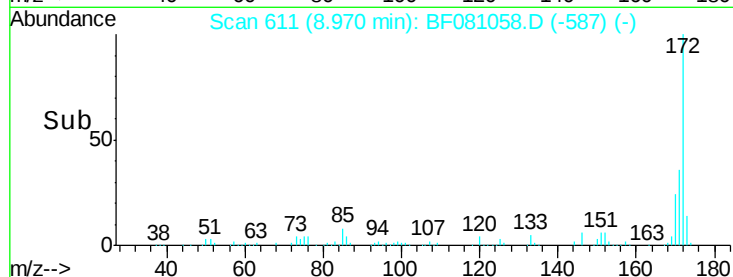
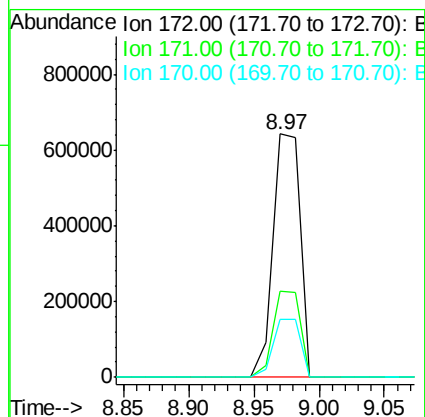
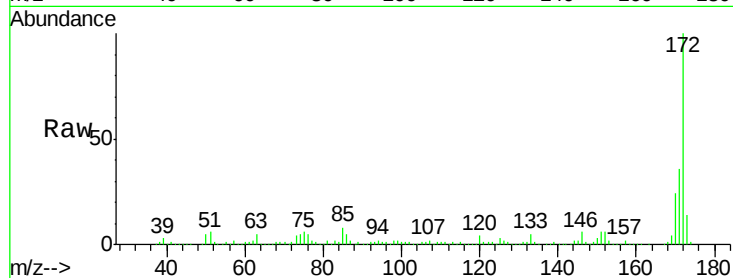




#44
 2-Fluorobiphenyl
 Concen: 94.47 ng
 RT: 8.97 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF081058.D
 Acq: 18 Aug 2015 23:33

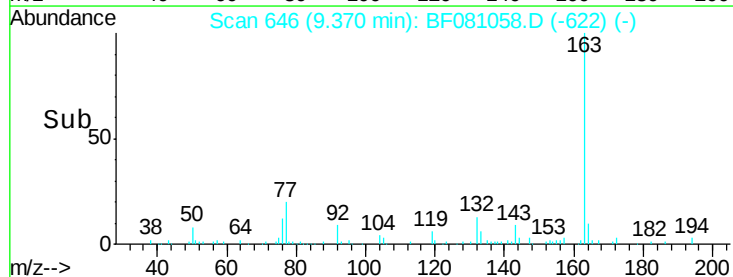
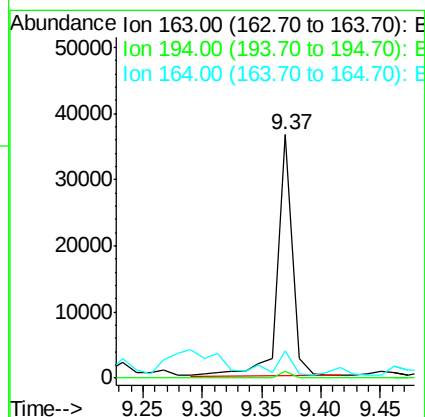
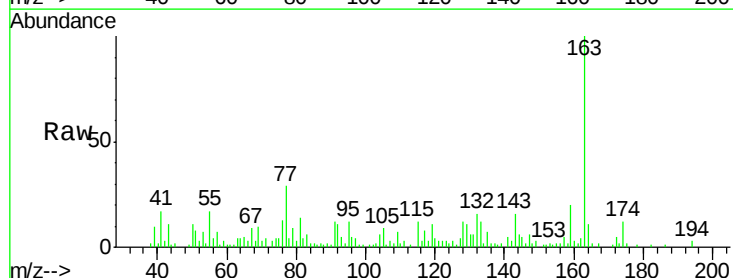
Instrument :
 BNA_F
 ClientSampleId :
 MW-1

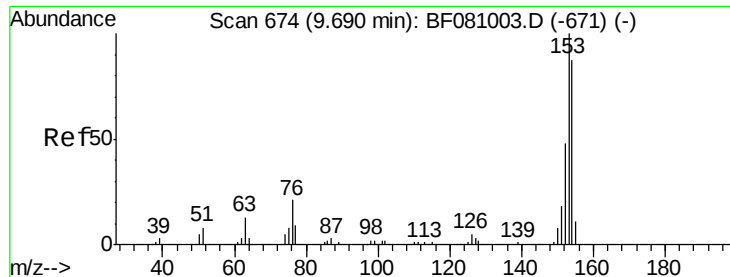
Tot Ion:172 Resp: 944222
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.9 43.3
 170 23.8 19.4 29.2



#49
 Dimethylphthalate
 Concen: 2.95 ng
 RT: 9.37 min Scan# 646
 Delta R.T. -0.02 min
 Lab File: BF081058.D
 Acq: 18 Aug 2015 23:33

Tgt Ion:163 Resp: 31831
 Ion Ratio Lower Upper
 163 100
 194 3.0 2.5 3.7
 164 11.2 8.1 12.1





#51

Acenaphthene

Concen: 8.01 ng

RT: 9.67 min Scan# 672

Delta R.T. -0.02 min

Lab File: BF081058.D

Acq: 18 Aug 2015 23:33

Instrument :

BNA_F

ClientSampleId :

MW-1

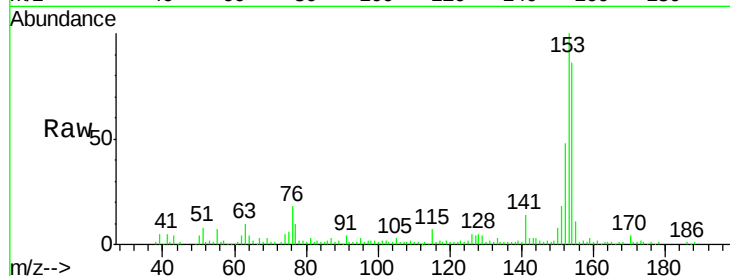
Tot Ion:154 Resp: 79479

Ion Ratio Lower Upper

154 100

153 115.7 91.4 137.2

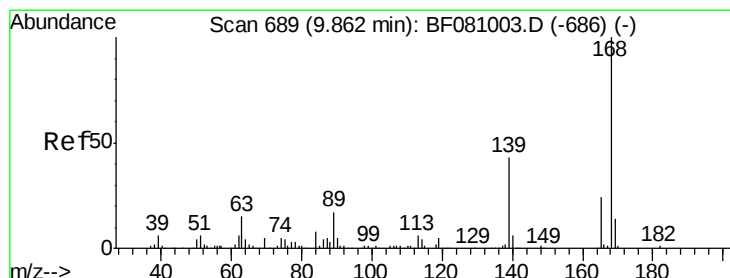
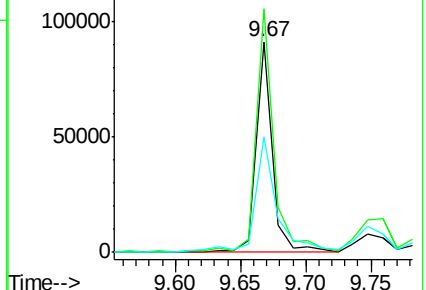
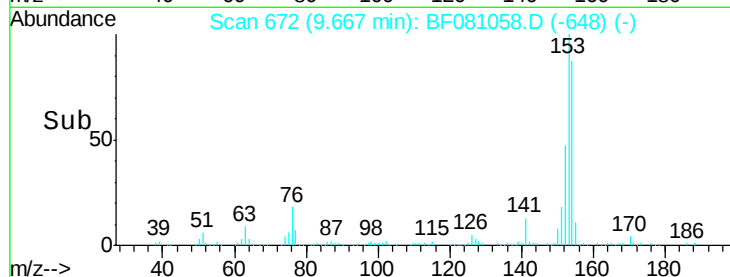
152 55.1 43.7 65.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 6.47 ng

RT: 9.84 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF081058.D

Acq: 18 Aug 2015 23:33

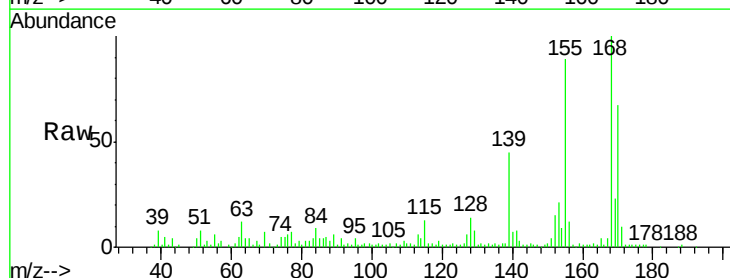
Tgt Ion:168 Resp: 86109

Ion Ratio Lower Upper

168 100

139 45.3 29.3 43.9#

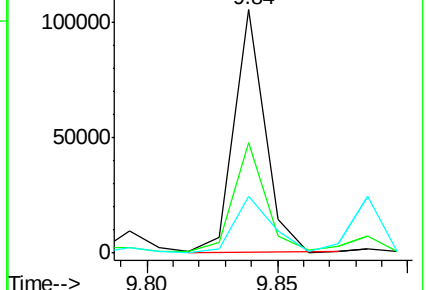
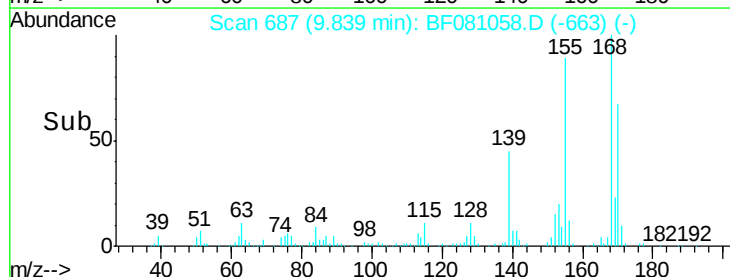
169 23.4 10.3 15.5#

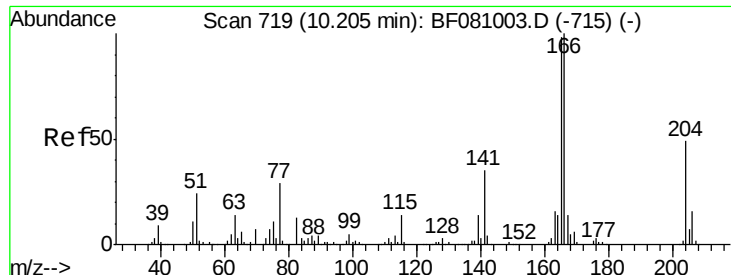


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

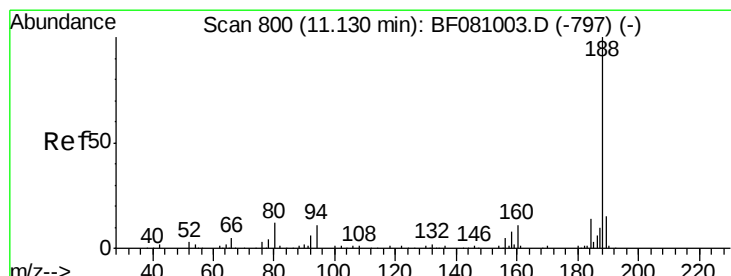
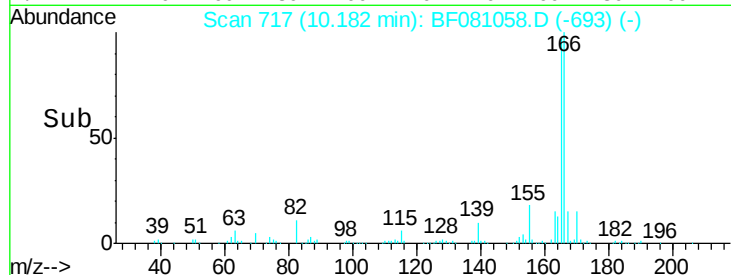
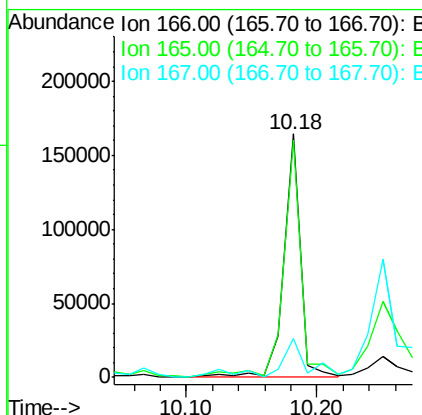
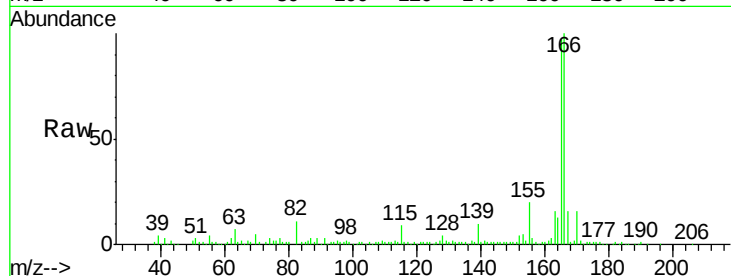




#57
 Fluorene
 Concen: 14.02 ng
 RT: 10.18 min Scan# 717
 Delta R.T. -0.02 min
 Lab File: BF081058.D
 Acq: 18 Aug 2015 23:33

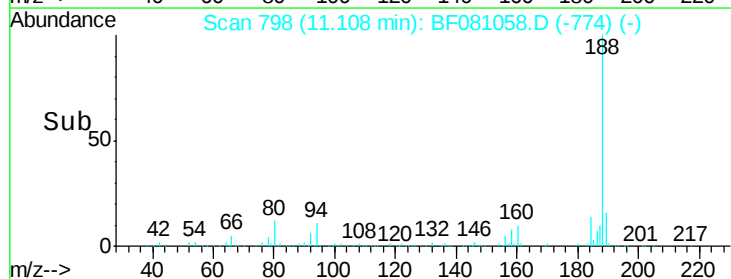
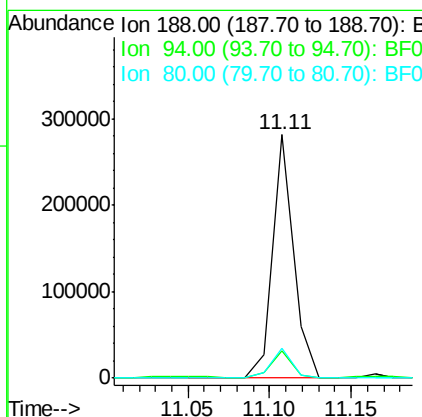
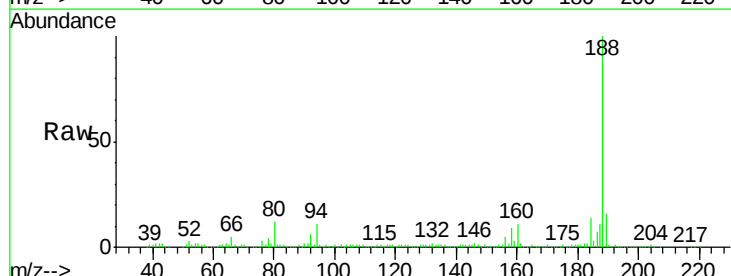
Instrument :
 BNA_F
 ClientSampleId :
 MW-1

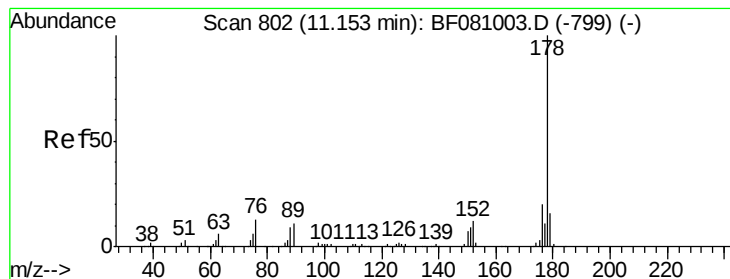
Tot Ion:166 Resp: 143391
 Ion Ratio Lower Upper
 166 100
 165 97.3 75.8 113.8
 167 15.7 11.3 16.9



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF081058.D
 Acq: 18 Aug 2015 23:33

Tgt Ion:188 Resp: 252553
 Ion Ratio Lower Upper
 188 100
 94 11.1 8.2 12.2
 80 12.4 9.5 14.3





#70

Phenanthrene

Concen: 9.53 ng

RT: 11.13 min Scan# 800

Delta R.T. -0.02 min

Lab File: BF081058.D

Acq: 18 Aug 2015 23:33

Instrument :

BNA_F

ClientSampled :

MW-1

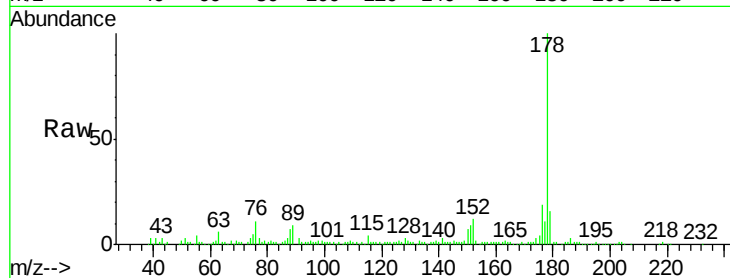
Tot Ion:178 Resp: 142673

Ion Ratio Lower Upper

178 100

176 19.2 15.7 23.5

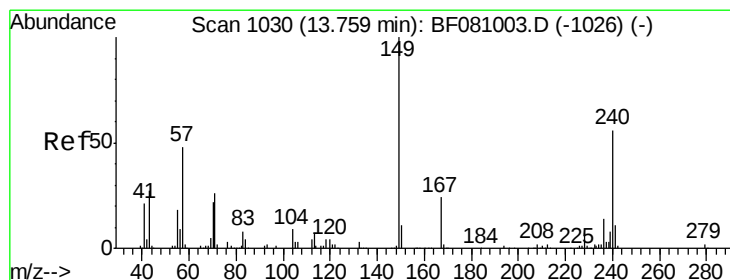
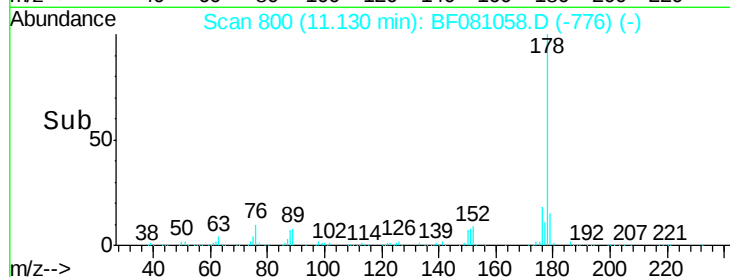
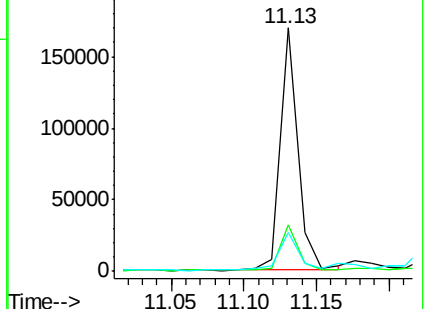
179 15.7 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF081058.D

Acq: 18 Aug 2015 23:33

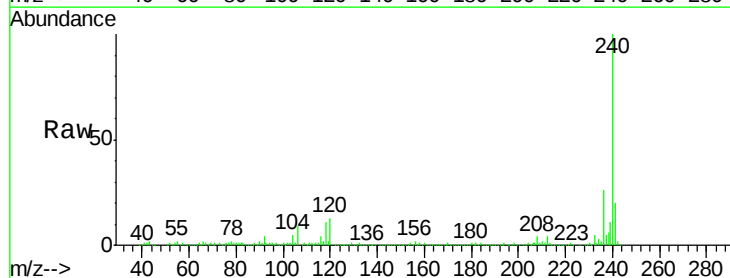
Tgt Ion:240 Resp: 221954

Ion Ratio Lower Upper

240 100

120 12.6 5.6 8.4#

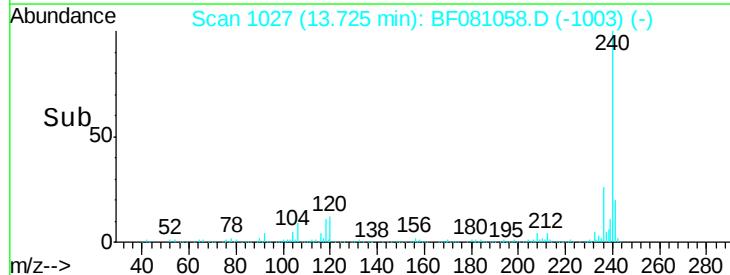
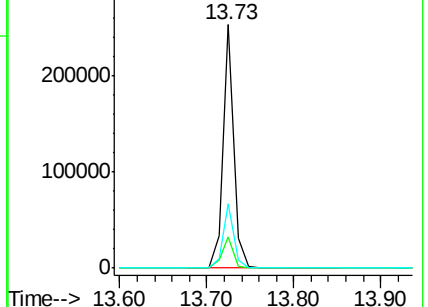
236 26.3 20.6 30.8

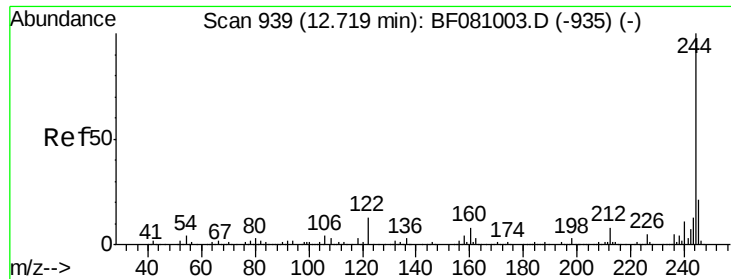


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

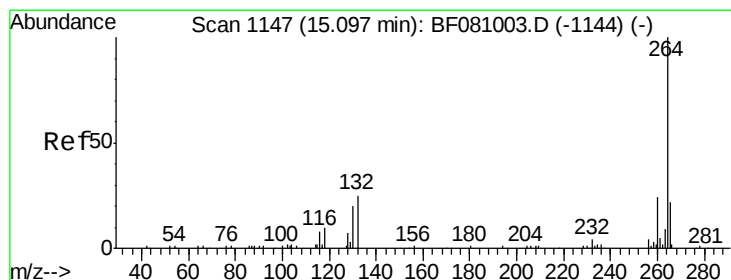
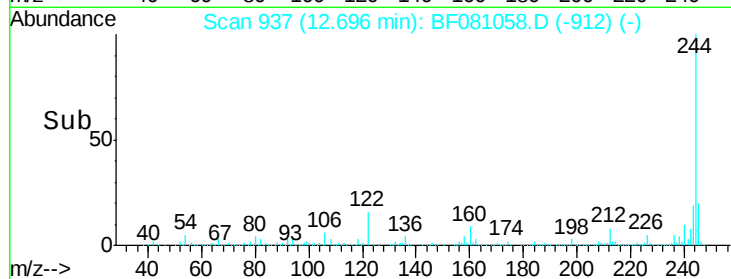
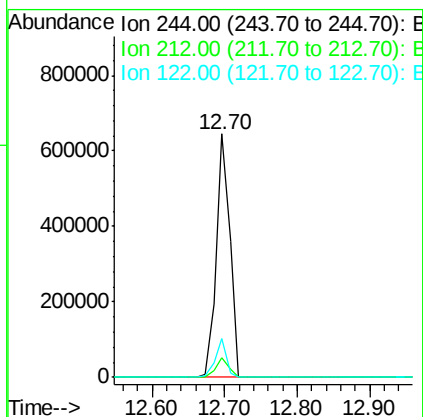
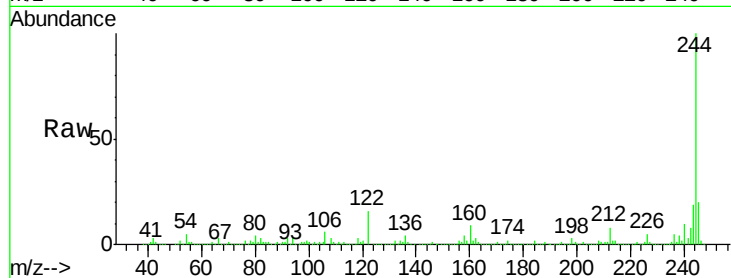




#78
 Terphenyl-d14
 Concen: 80.66 ng
 RT: 12.70 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF081058.D
 Acq: 18 Aug 2015 23:33

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tot Ion:244 Resp: 835040
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.8 8.8
 122 16.0 8.2 12.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1145
 Delta R.T. -0.02 min
 Lab File: BF081058.D
 Acq: 18 Aug 2015 23:33

Tgt Ion:264 Resp: 170481
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.6 29.4
 265 21.2 17.5 26.3

