

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
 Data File : BF081830.D
 Acq On : 26 Sep 2015 16:25
 Operator : UM/IZ
 Sample : G3754-09
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-12B

Quant Time: Sep 28 07:11:07 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 25 06:02:49 2015
 Response via : Initial Calibration

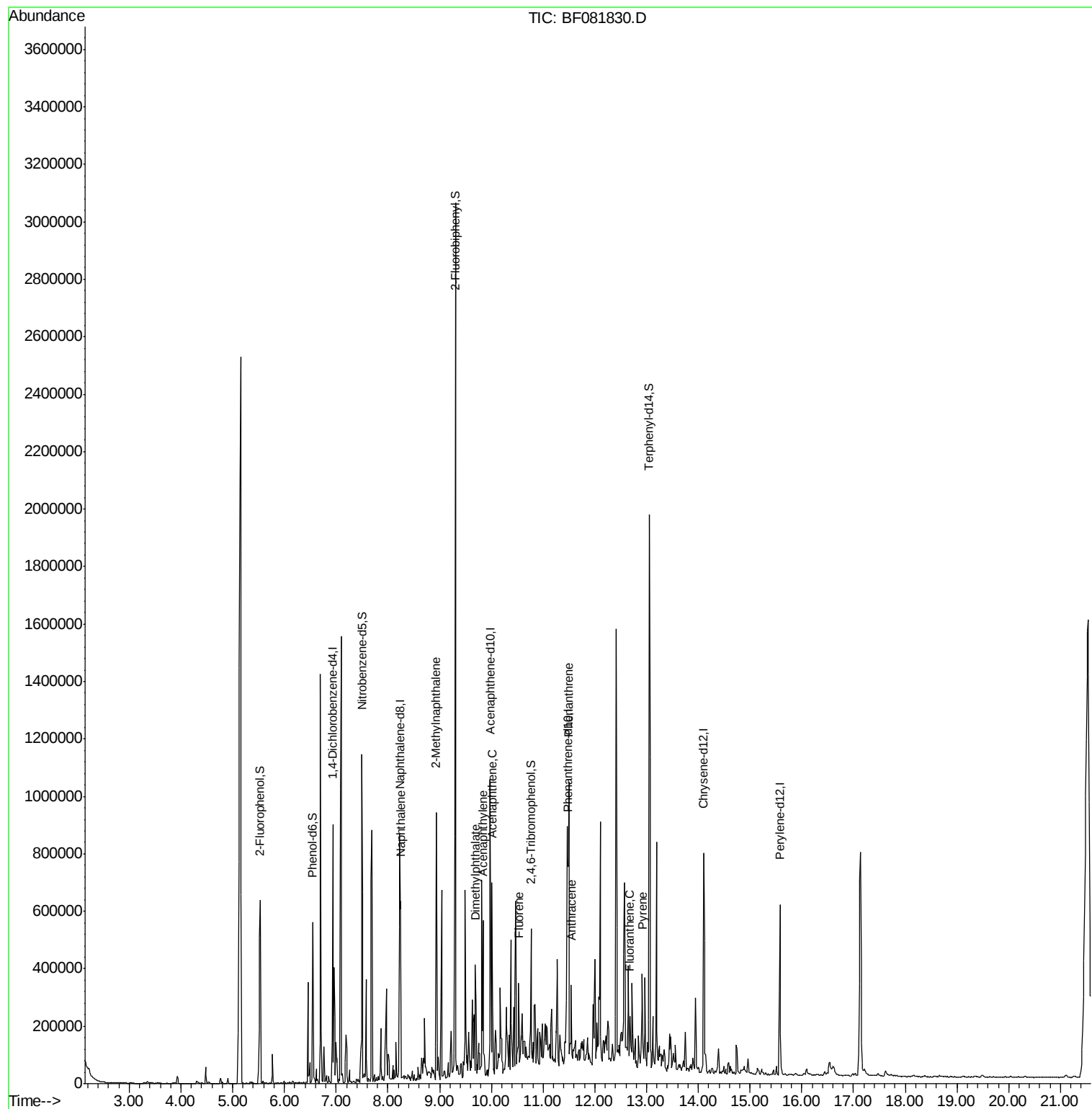
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	129988	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	489917	20.00	ng	-0.01
38) Acenaphthene-d10	9.98	164	224420	20.00	ng	-0.02
63) Phenanthrene-d10	11.47	188	408363	20.00	ng	0.00
75) Chrysene-d12	14.10	240	311625	20.00	ng	-0.01
86) Perylene-d12	15.58	264	281441	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	222400	28.94	ng	-0.01
7) Phenol-d6	6.55	99	166890	17.17	ng	-0.02
23) Nitrobenzene-d5	7.50	82	432942	58.31	ng	-0.02
41) 2,4,6-Tribromophenol	10.77	330	40882	20.98	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	928673	67.93	ng	-0.01
78) Terphenyl-d14	13.05	244	724963	53.14	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.25	128	414006	18.32	ng	99
37) 2-Methylnaphthalene	8.94	142	205639	12.77	ng	# 90
48) Acenaphthylene	9.84	152	191749	8.03	ng	96
49) Dimethylphthalate	9.69	163	145117	8.50	ng	# 97
51) Acenaphthene	10.01	154	130476	9.48	ng	89
57) Fluorene	10.53	166	99415m	6.41	ng	
70) Phenanthrene	11.50	178	508100	21.76	ng	97
71) Anthracene	11.54	178	112176	4.99	ng	99
74) Fluoranthene	12.68	202	88700m	3.77	ng	
77) Pyrene	12.92	202	150414m	6.40	ng	

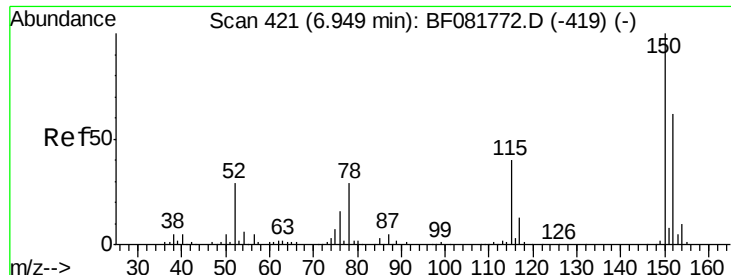
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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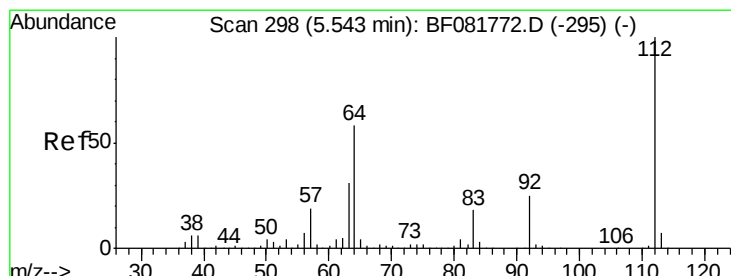
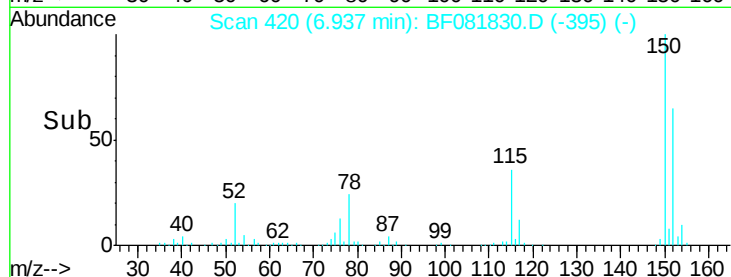
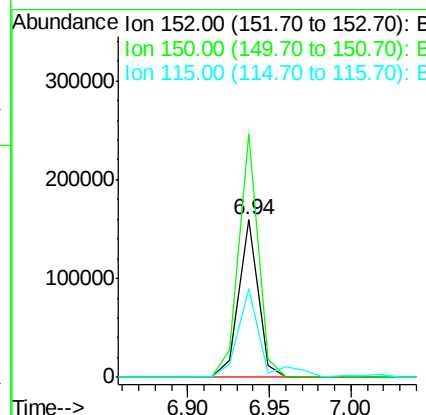
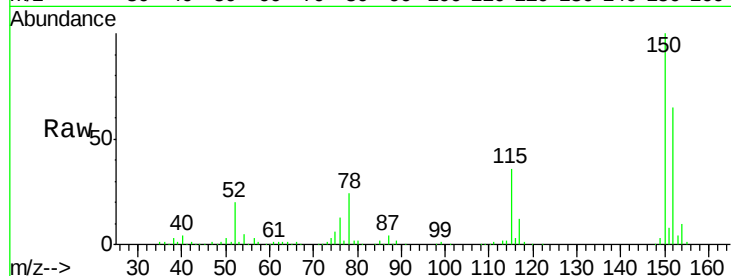




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.94 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BF081830.D
 Acq: 26 Sep 2015 16:25

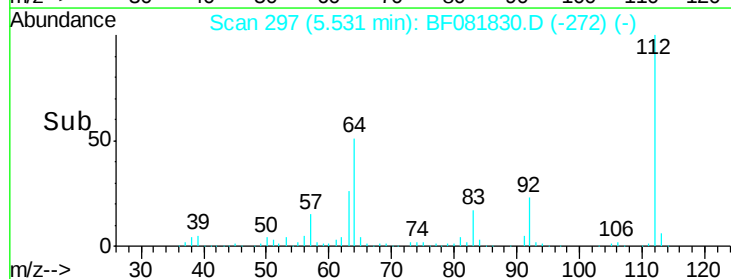
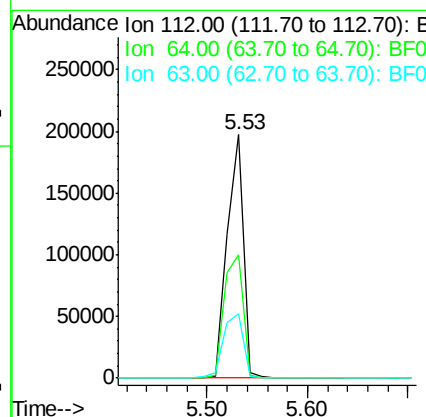
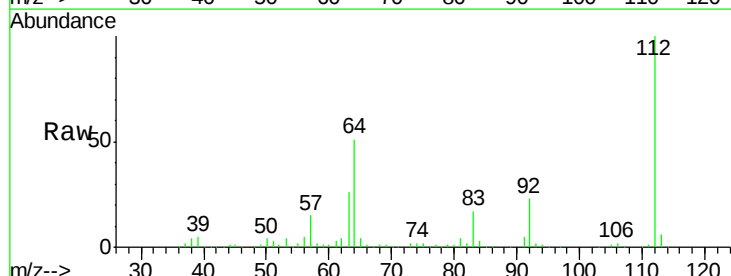
Instrument :
 BNA_F
 ClientSampleId :
 MW-12B

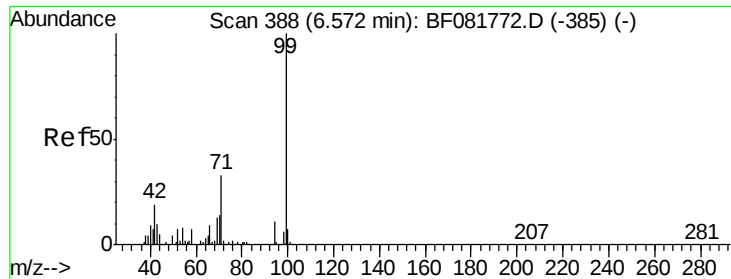
Tgt Ion:152 Resp: 129988
 Ion Ratio Lower Upper
 152 100
 150 154.5 124.7 187.1
 115 56.3 39.0 58.4



#5
 2-Fluorophenol
 Concen: 28.94 ng
 RT: 5.53 min Scan# 297
 Delta R.T. -0.01 min
 Lab File: BF081830.D
 Acq: 26 Sep 2015 16:25

Tgt Ion:112 Resp: 222400
 Ion Ratio Lower Upper
 112 100
 64 50.9 39.7 59.5
 63 26.3 17.4 26.0#





#7

Phenol-d6

Concen: 17.17 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.02 min

Lab File: BF081830.D

Acq: 26 Sep 2015 16:25

Instrument :

BNA_F

ClientSampleId :

MW-12B

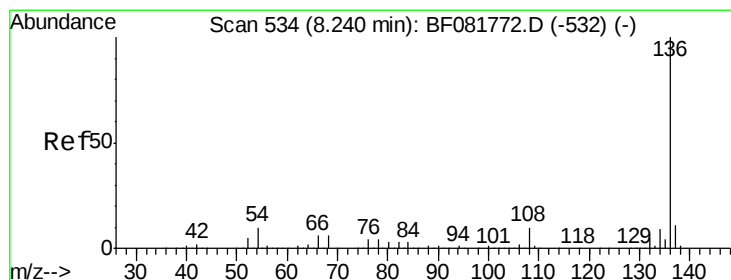
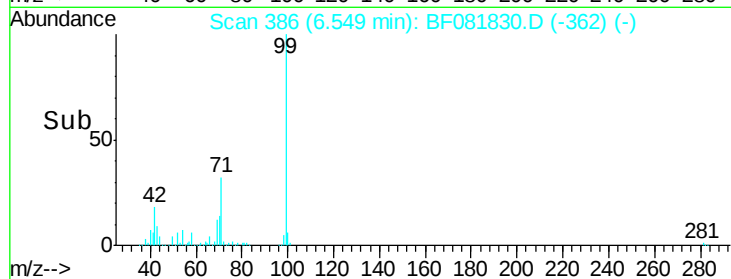
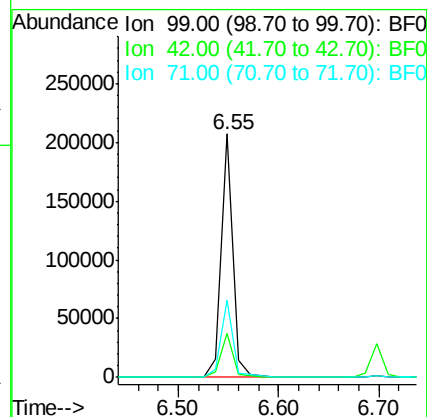
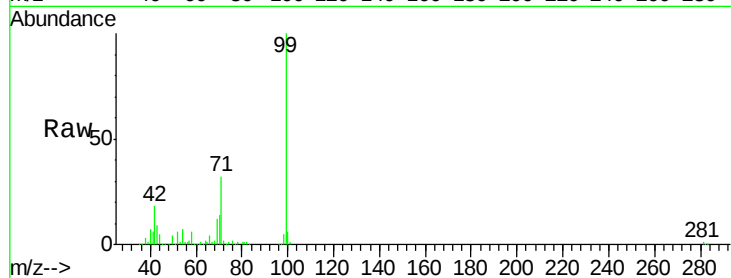
Tgt Ion: 99 Resp: 166890

Ion Ratio Lower Upper

99 100

42 17.9 13.7 20.5

71 31.7 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF081830.D

Acq: 26 Sep 2015 16:25

Tgt Ion: 136 Resp: 489917

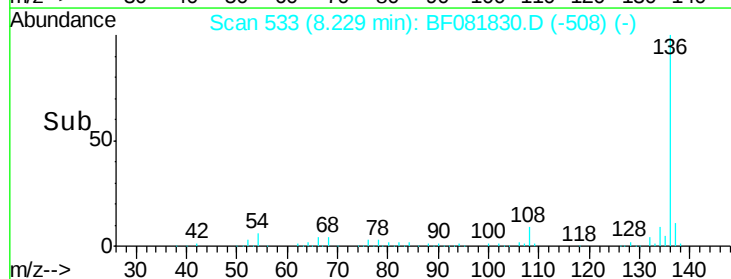
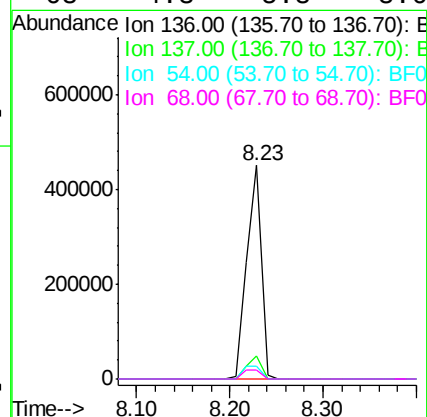
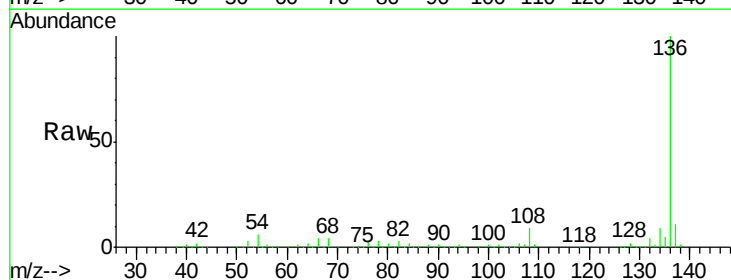
Ion Ratio Lower Upper

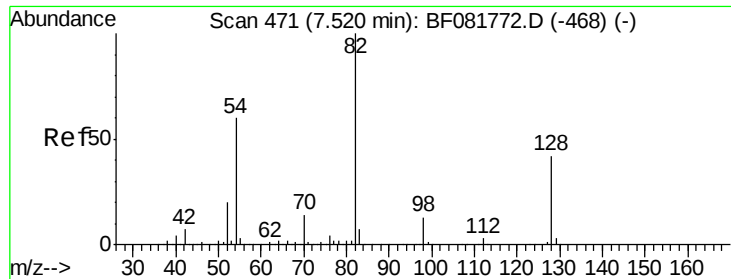
136 100

137 10.7 9.0 13.6

54 6.3 8.2 12.2#

68 4.3 5.8 8.6#

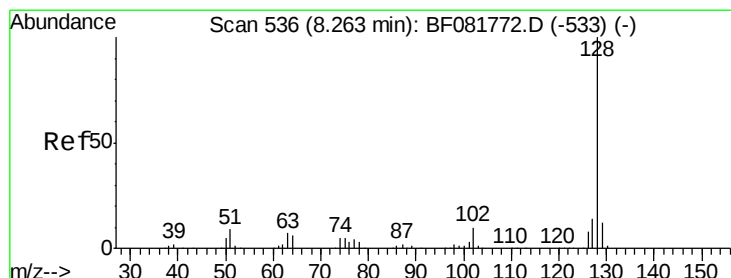
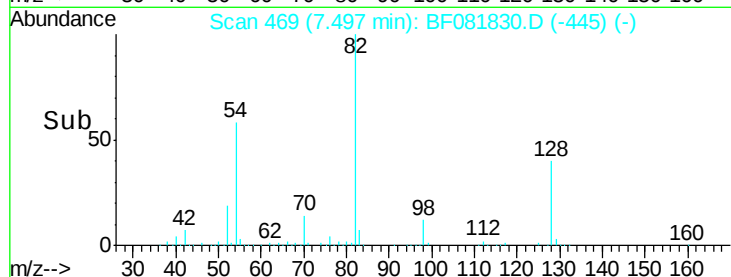
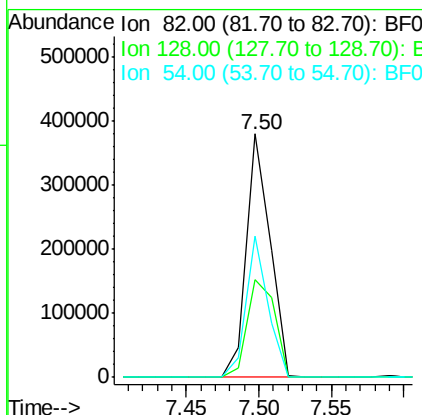
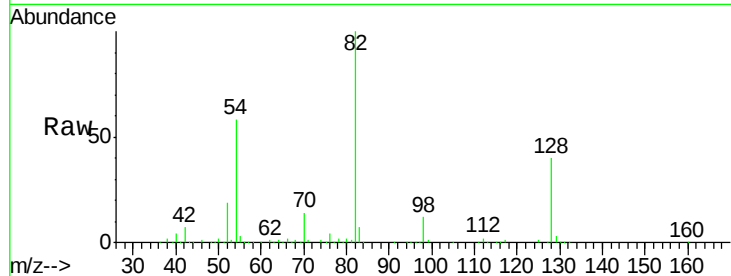




#23
 Nitrobenzene-d5
 Concen: 58.31 ng
 RT: 7.50 min Scan# 469
 Delta R.T. -0.02 min
 Lab File: BF081830.D
 Acq: 26 Sep 2015 16:25

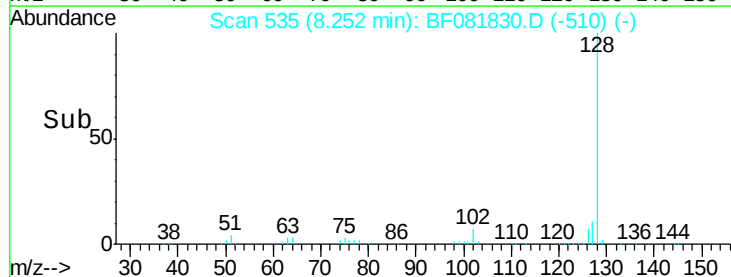
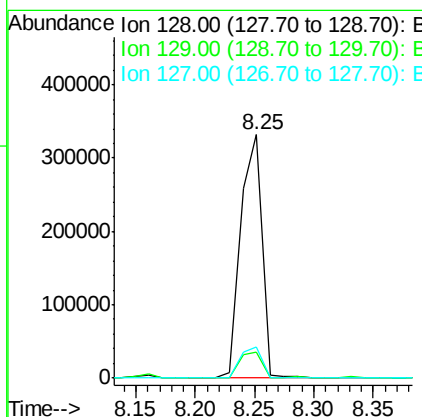
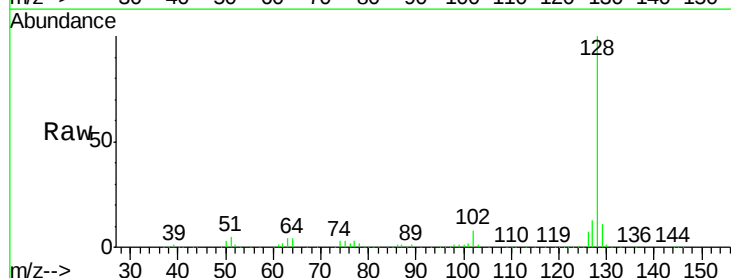
Instrument :
 BNA_F
 ClientSampleID :
 MW-12B

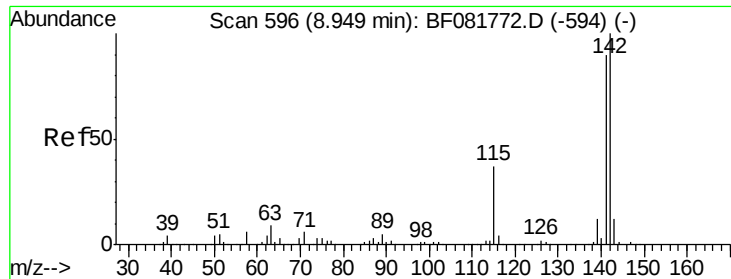
Tgt Ion: 82 Resp: 432942
 Ion Ratio Lower Upper
 82 100
 128 40.0 51.0 76.6#
 54 57.9 47.5 71.3



#31
 Naphthalene
 Concen: 18.32 ng
 RT: 8.25 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: BF081830.D
 Acq: 26 Sep 2015 16:25

Tgt Ion: 128 Resp: 414006
 Ion Ratio Lower Upper
 128 100
 129 10.6 8.4 12.6
 127 12.9 9.9 14.9

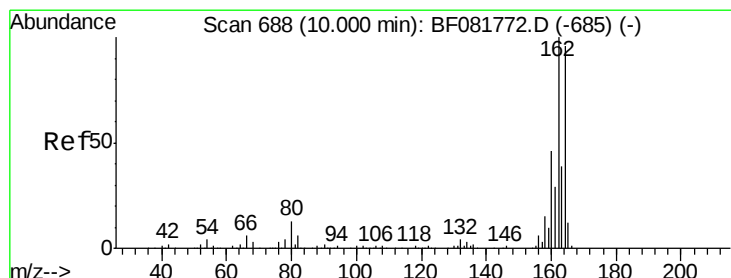
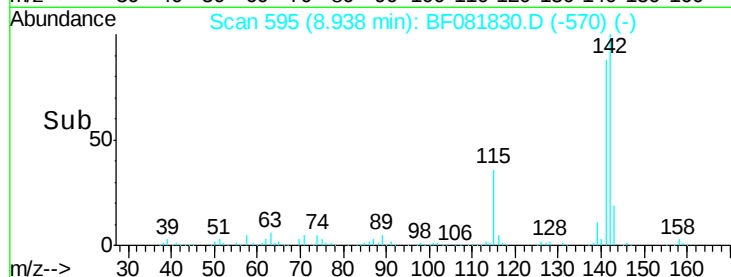
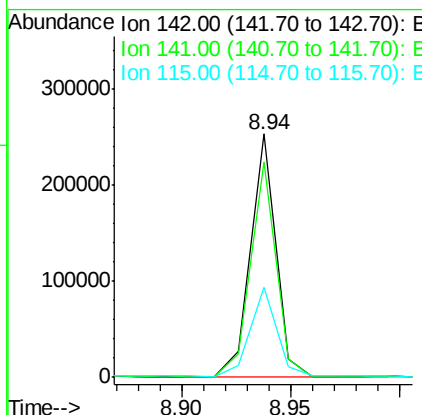
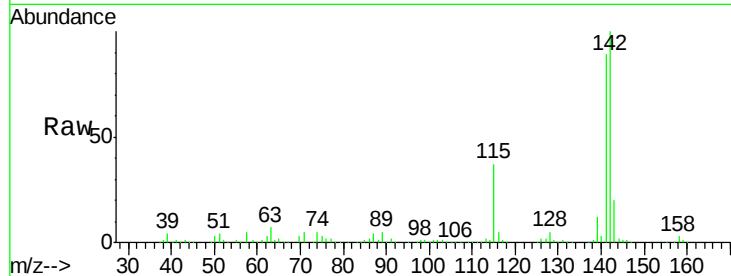




#37
 2-Methylnaphthalene
 Concen: 12.77 ng
 RT: 8.94 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF081830.D
 Acq: 26 Sep 2015 16:25

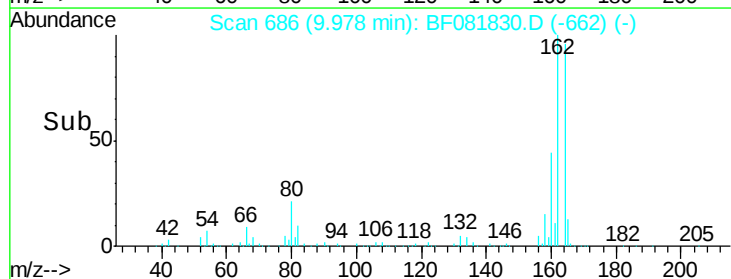
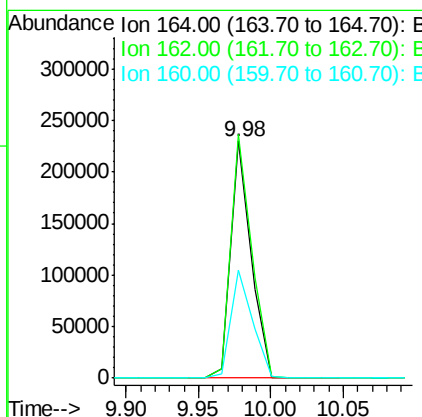
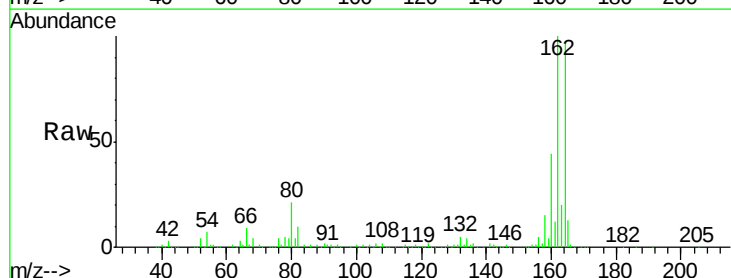
Instrument :
 BNA_F
 ClientSampleId :
 MW-12B

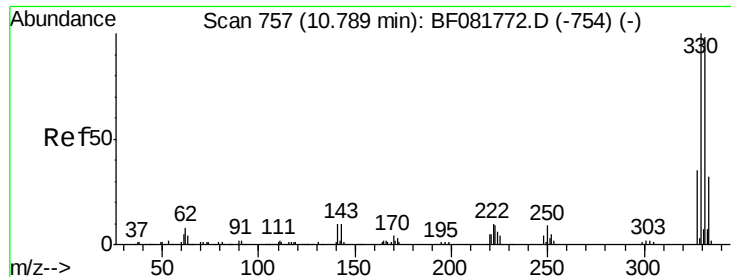
Tgt Ion:142 Resp: 205639
 Ion Ratio Lower Upper
 142 100
 141 88.6 67.5 101.3
 115 36.7 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 686
 Delta R.T. -0.02 min
 Lab File: BF081830.D
 Acq: 26 Sep 2015 16:25

Tgt Ion:164 Resp: 224420
 Ion Ratio Lower Upper
 164 100
 162 102.7 75.2 112.8
 160 45.5 31.5 47.3

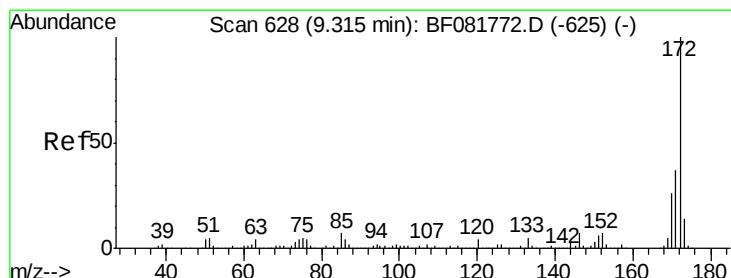
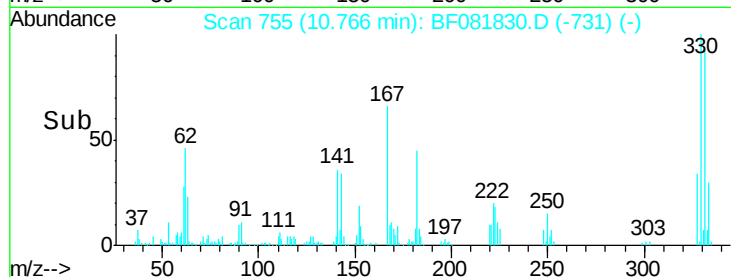
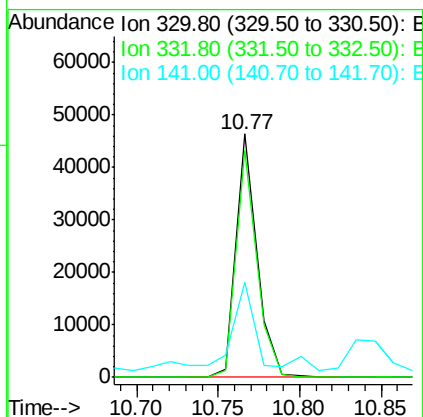
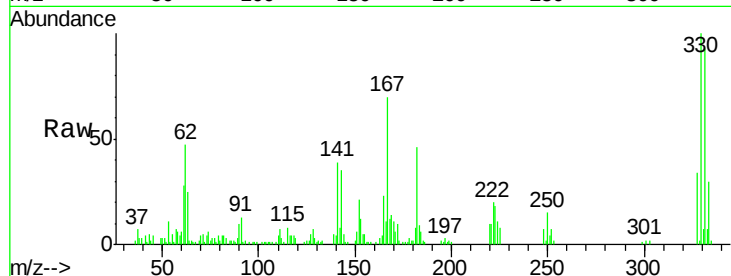




#41
 2,4,6-Tribromophenol
 Concen: 20.98 ng
 RT: 10.77 min Scan# 755
 Delta R.T. -0.02 min
 Lab File: BF081830.D
 Acq: 26 Sep 2015 16:25

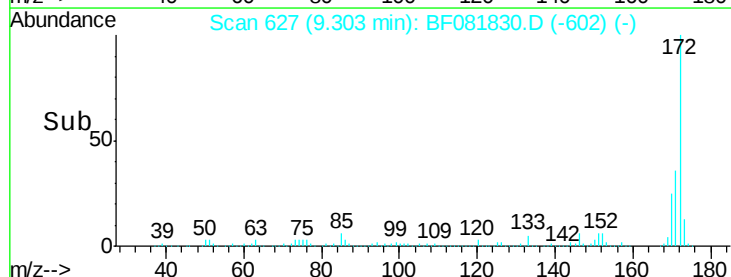
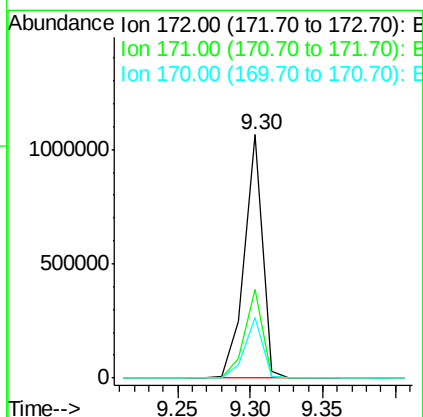
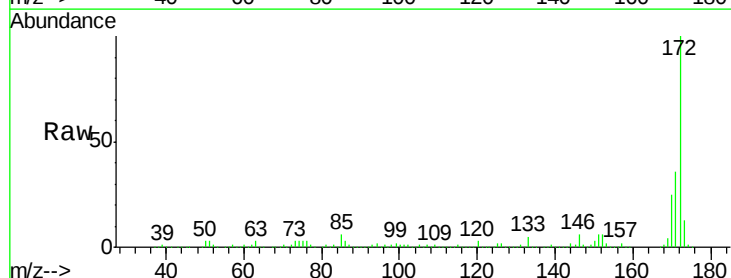
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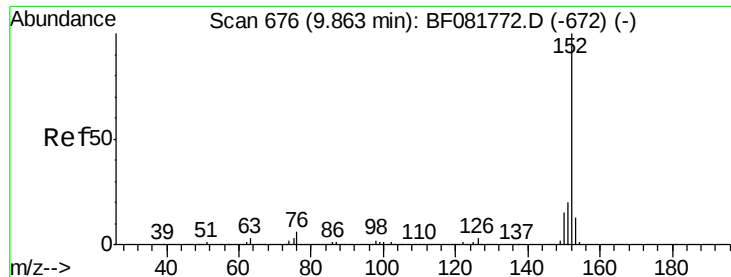
Tgt Ion:330 Resp: 40882
 Ion Ratio Lower Upper
 330 100
 332 92.3 76.6 114.8
 141 42.5 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 67.93 ng
 RT: 9.30 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF081830.D
 Acq: 26 Sep 2015 16:25

Tgt Ion:172 Resp: 928673
 Ion Ratio Lower Upper
 172 100
 171 36.3 26.1 39.1
 170 24.7 17.4 26.2





#48

Acenaphthylene

Concen: 8.03 ng

RT: 9.84 min Scan# 674

Delta R.T. -0.02 min

Lab File: BF081830.D

Acq: 26 Sep 2015 16:25

Instrument :

BNA_F

ClientSampleId :

MW-12B

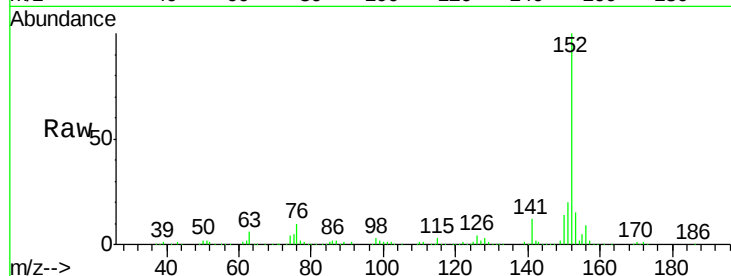
Tgt Ion:152 Resp: 191749

Ion Ratio Lower Upper

152 100

151 20.0 14.6 22.0

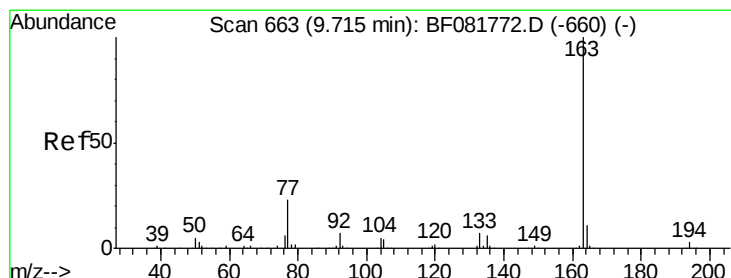
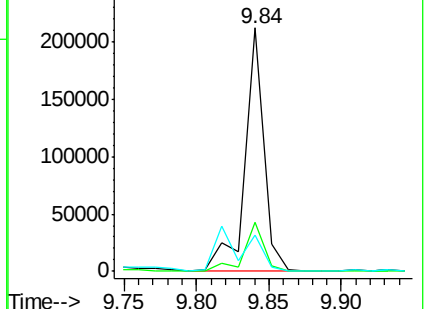
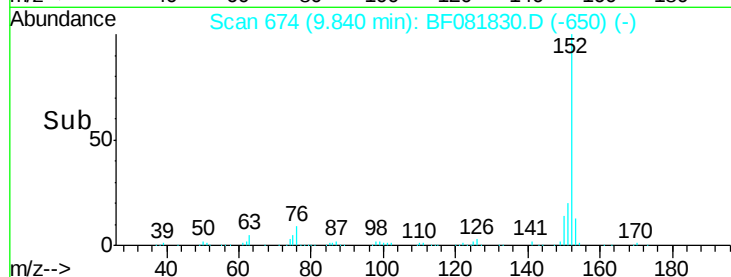
153 15.0 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 8.50 ng

RT: 9.69 min Scan# 661

Delta R.T. -0.02 min

Lab File: BF081830.D

Acq: 26 Sep 2015 16:25

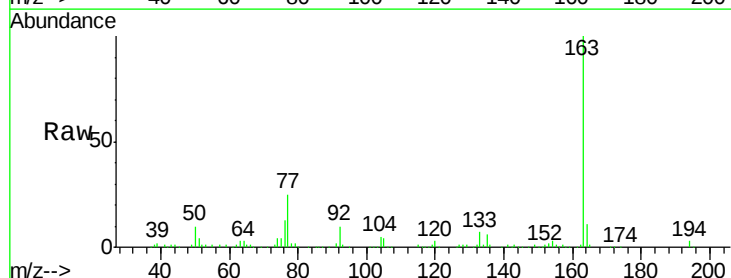
Tgt Ion:163 Resp: 145117

Ion Ratio Lower Upper

163 100

194 3.2 4.4 6.6#

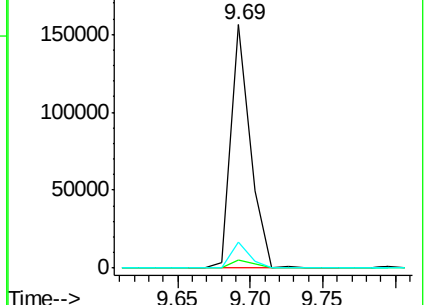
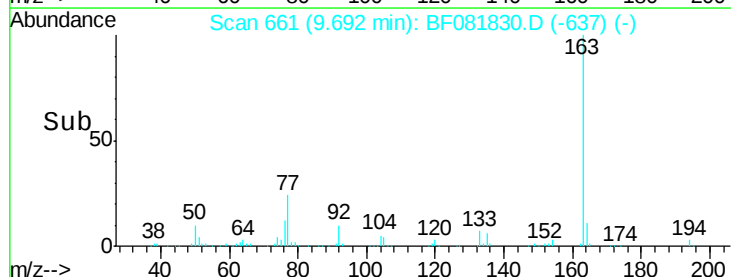
164 10.6 8.3 12.5

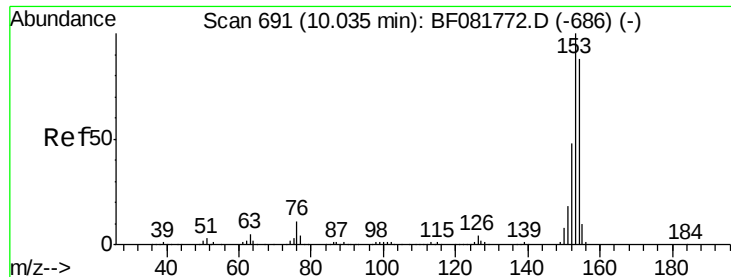


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 9.48 ng

RT: 10.01 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF081830.D

Acq: 26 Sep 2015 16:25

Instrument :

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MW-12B

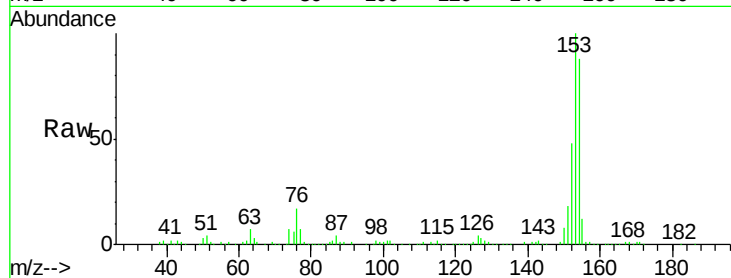
Tgt Ion:154 Resp: 130476

Ion Ratio Lower Upper

154 100

153 113.3 82.1 123.1

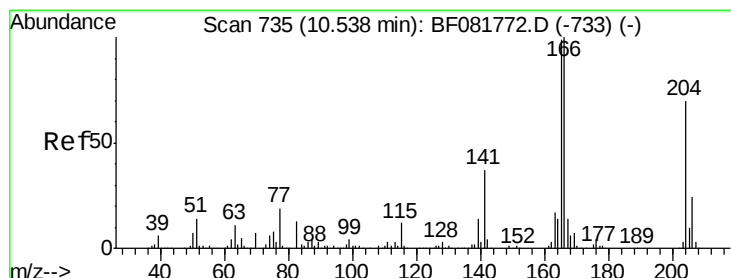
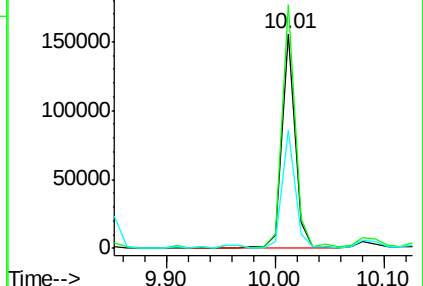
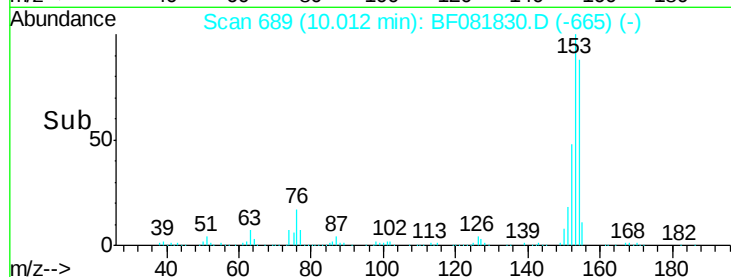
152 54.9 37.9 56.9



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



#57

Fluorene

Concen: 6.41 ng m

RT: 10.53 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF081830.D

Acq: 26 Sep 2015 16:25

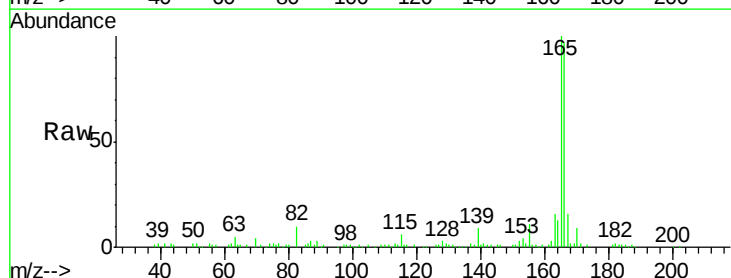
Tgt Ion:166 Resp: 99415

Ion Ratio Lower Upper

166 100

165 102.8 72.6 109.0

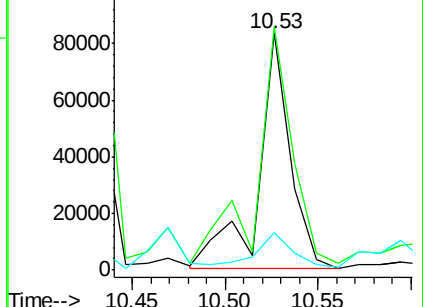
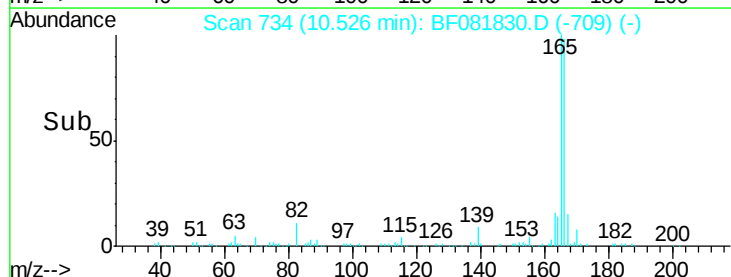
167 16.0 10.6 16.0#

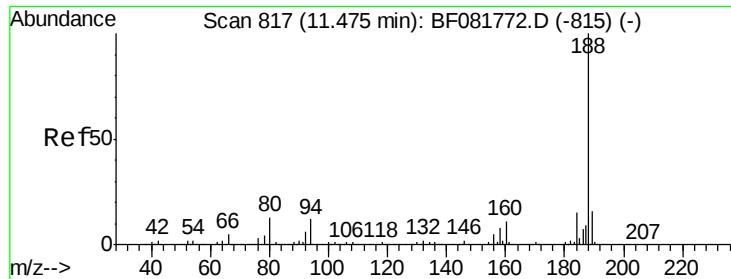


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

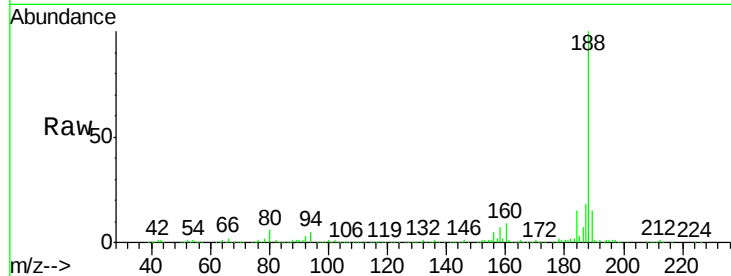




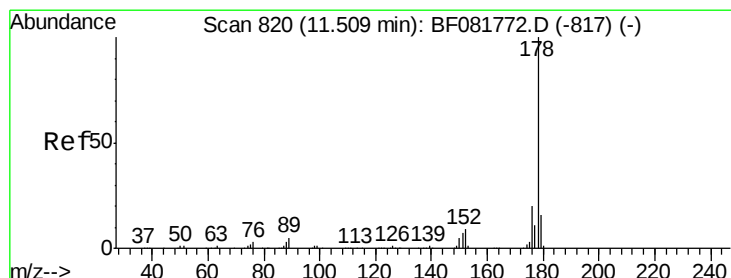
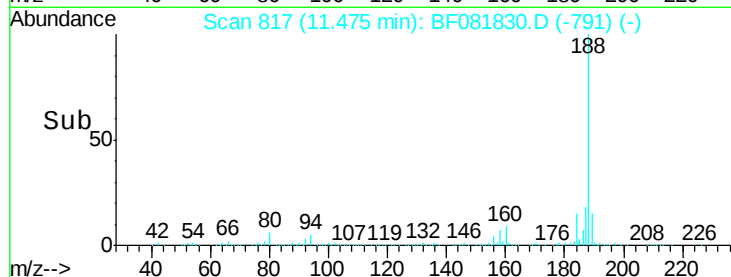
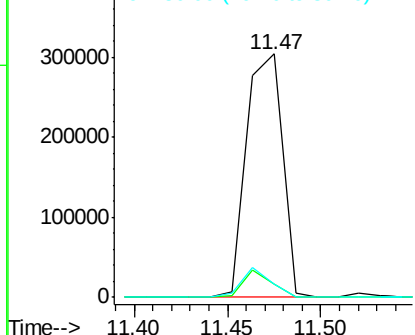
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.47 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF081830.D
Acq: 26 Sep 2015 16:25

Instrument :
BNA_F
ClientSampleId :
MW-12B

Tgt Ion:188 Resp: 408363
Ion Ratio Lower Upper
188 100
94 5.4 11.1 16.7#
80 5.6 11.0 16.4#

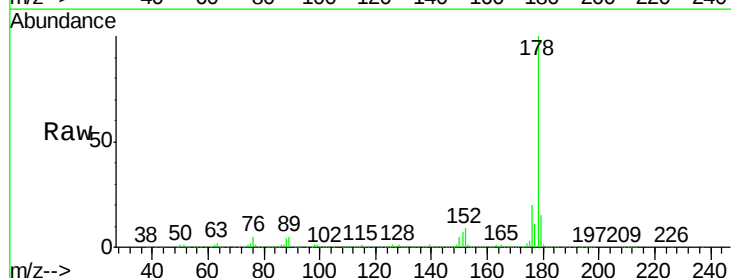


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

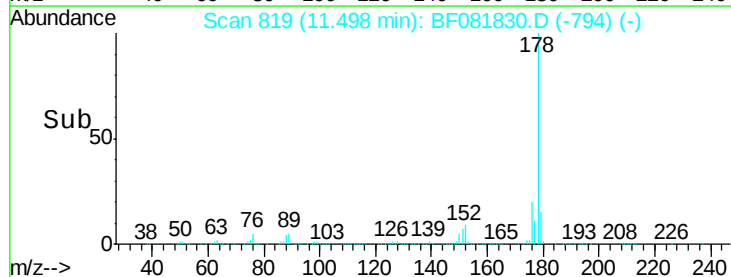
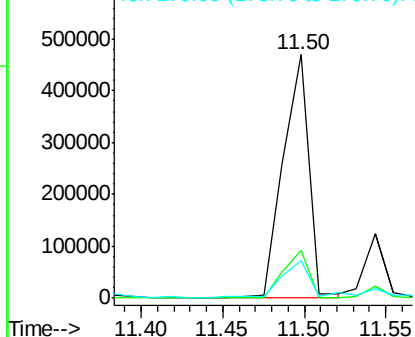


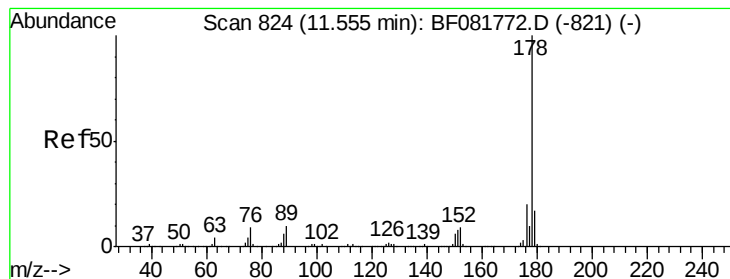
#70
Phenanthrene
Concen: 21.76 ng
RT: 11.50 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF081830.D
Acq: 26 Sep 2015 16:25

Tgt Ion:178 Resp: 508100
Ion Ratio Lower Upper
178 100
176 19.8 13.8 20.8
179 15.5 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





#71

Anthracene

Concen: 4.99 ng

RT: 11.54 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF081830.D

Acq: 26 Sep 2015 16:25

Instrument :

BNA_F

ClientSampleId :

MW-12B

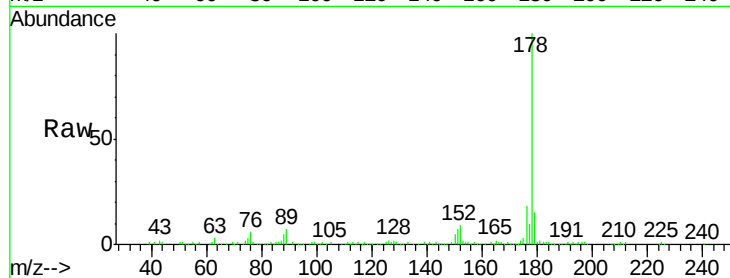
Tgt Ion:178 Resp: 112176

Ion Ratio Lower Upper

178 100

176 18.3 14.1 21.1

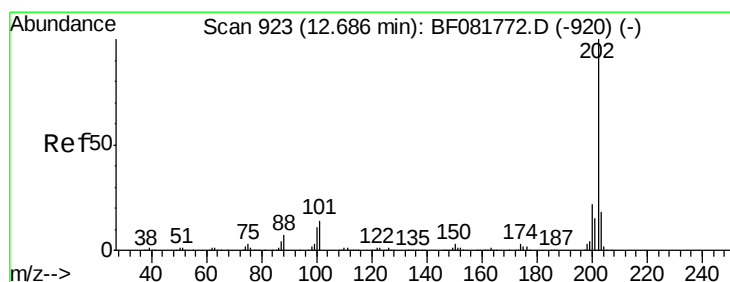
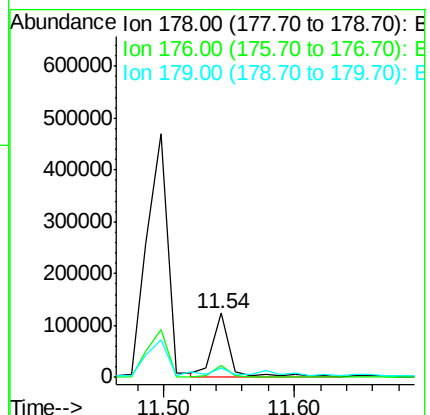
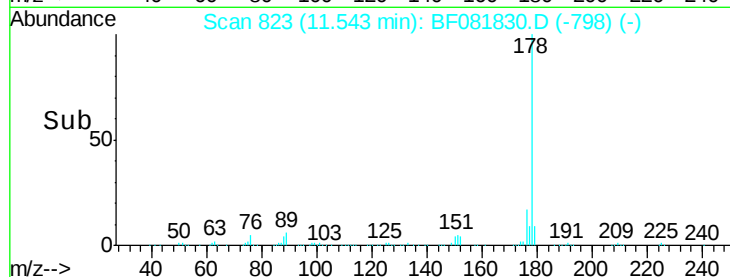
179 15.5 12.2 18.2



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



#74

Fluoranthene

Concen: 3.77 ng m

RT: 12.68 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF081830.D

Acq: 26 Sep 2015 16:25

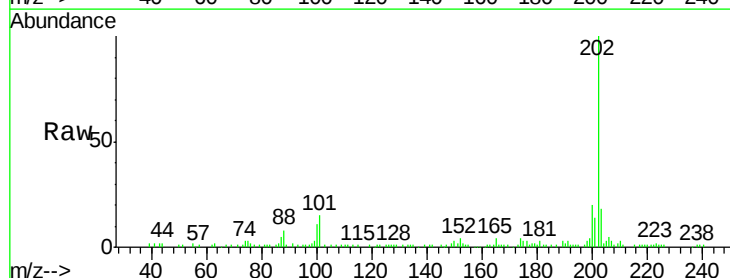
Tgt Ion:202 Resp: 88700

Ion Ratio Lower Upper

202 100

101 15.4 0.0 38.3

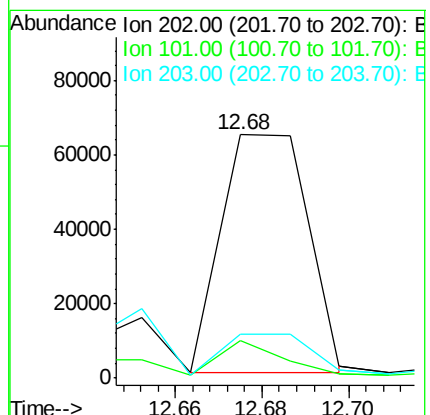
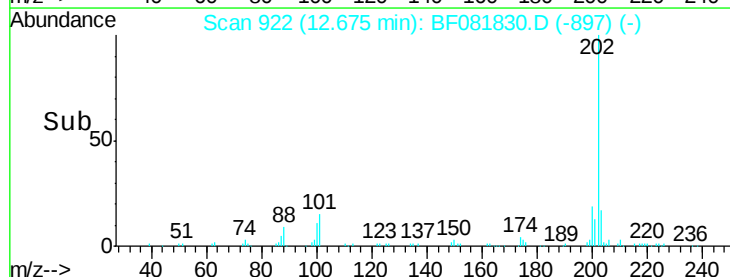
203 18.0 0.0 37.3

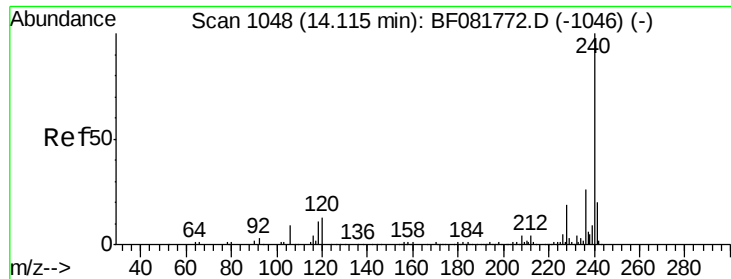


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.10 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF081830.D

Acq: 26 Sep 2015 16:25

Instrument :

BNA_F

ClientSampleId :

MW-12B

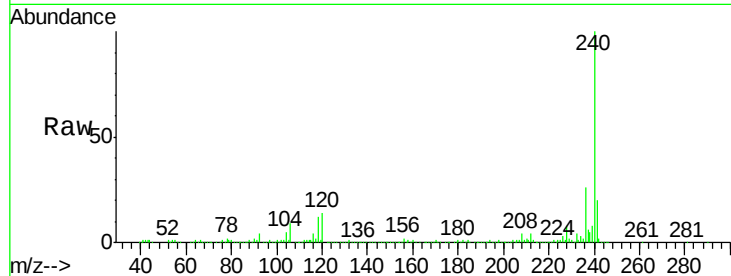
Tgt Ion:240 Resp: 311625

Ion Ratio Lower Upper

240 100

120 13.7 16.2 24.2#

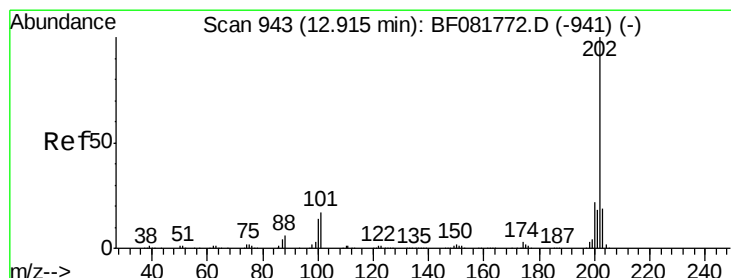
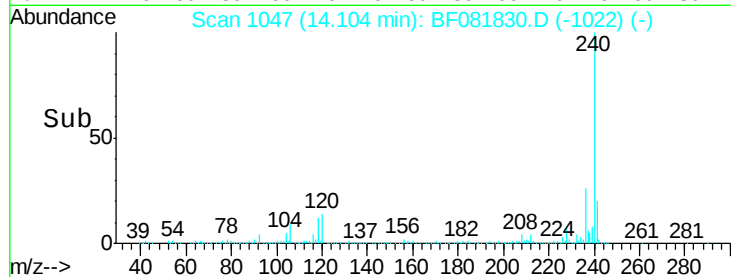
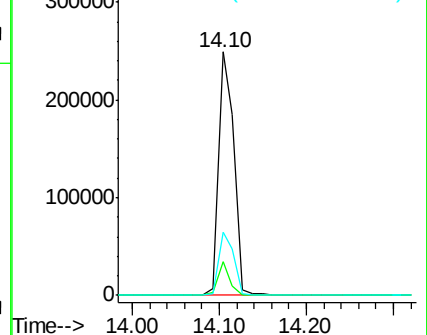
236 25.9 18.4 27.6



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



#77

Pyrene

Concen: 6.40 ng m

RT: 12.92 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF081830.D

Acq: 26 Sep 2015 16:25

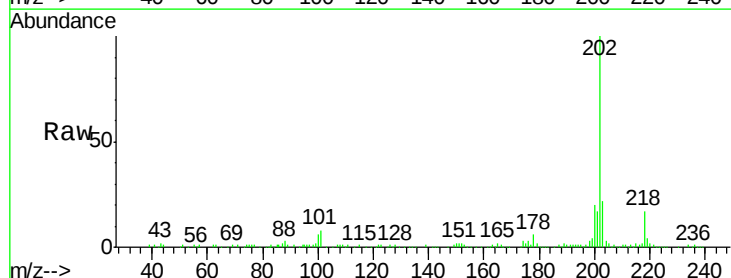
Tgt Ion:202 Resp: 150414

Ion Ratio Lower Upper

202 100

200 20.3 15.0 22.4

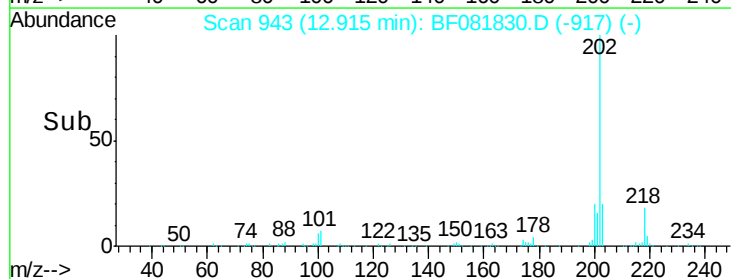
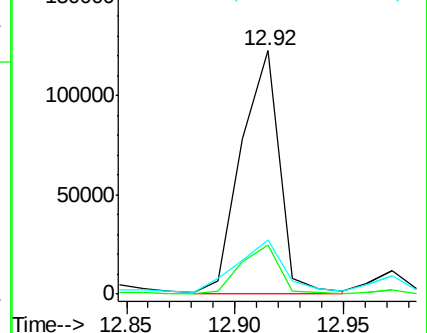
203 22.0 14.1 21.1#

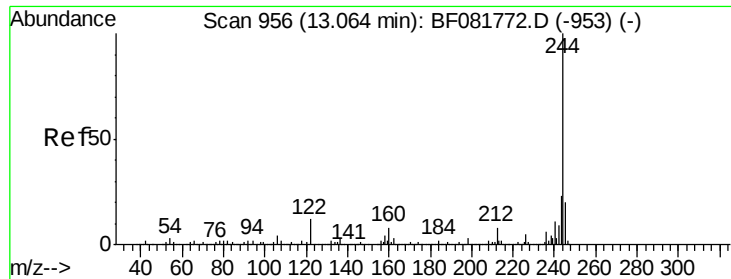


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

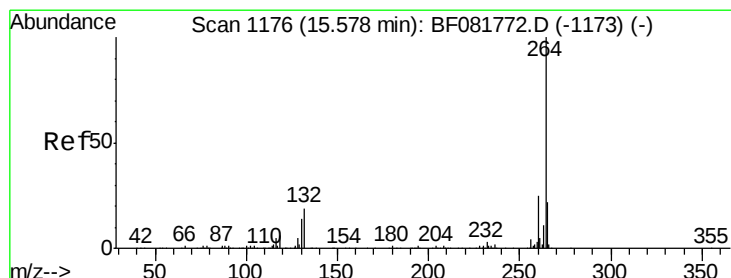
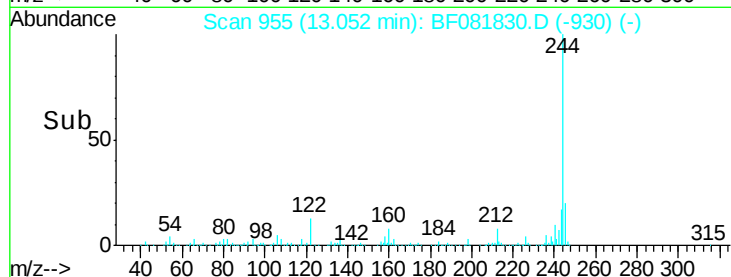
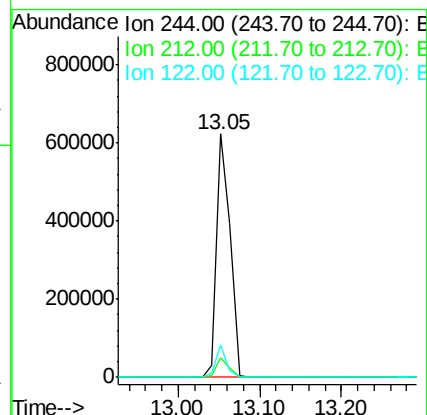
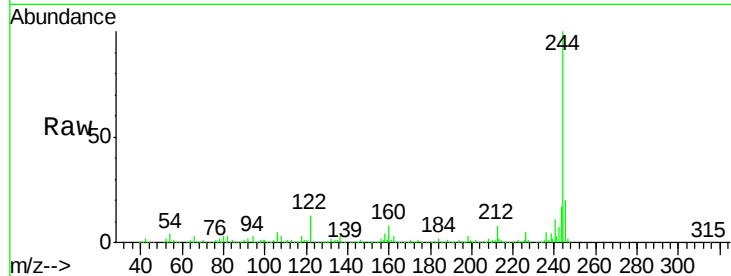




#78
 Terphenyl-d14
 Concen: 53.14 ng
 RT: 13.05 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: BF081830.D
 Acq: 26 Sep 2015 16:25

Instrument :
 BNA_F
 ClientSampleId :
 MW-12B

Tgt Ion:244 Resp: 724963
 Ion Ratio Lower Upper
 244 100
 212 7.8 4.3 6.5#
 122 13.5 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.58 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF081830.D
 Acq: 26 Sep 2015 16:25

Tgt Ion:264 Resp: 281441
 Ion Ratio Lower Upper
 264 100
 260 24.3 16.7 25.1
 265 22.6 17.2 25.8

