

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
 Data File : BF081824.D
 Acq On : 26 Sep 2015 13:23
 Operator : UM/IZ
 Sample : G3754-03
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3B

Quant Time: Sep 28 05:05:09 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

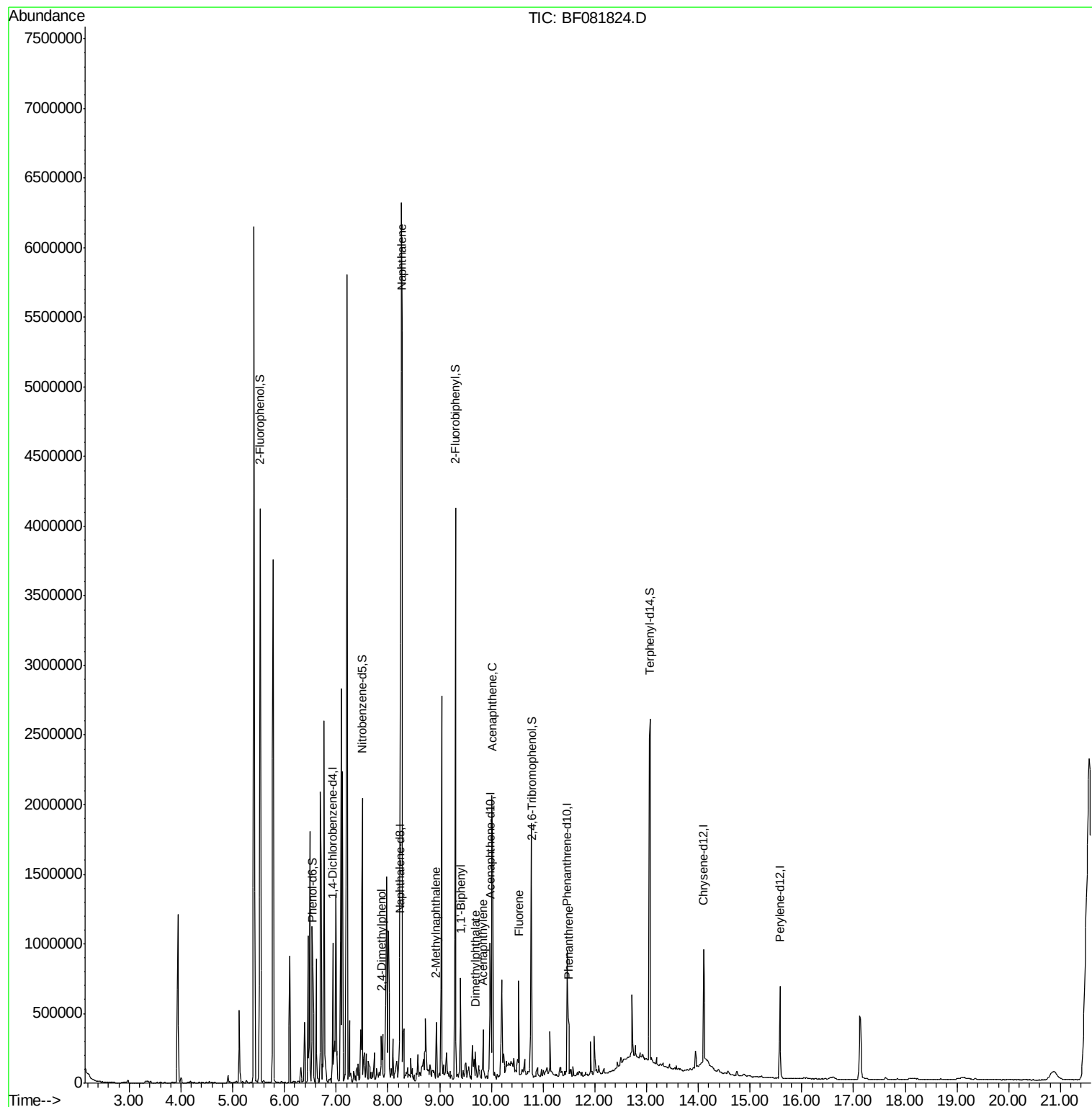
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	133663	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	460398	20.00	ng	-0.01
38) Acenaphthene-d10	9.98	164	241583	20.00	ng	-0.02
63) Phenanthrene-d10	11.46	188	449176	20.00	ng	-0.01
75) Chrysene-d12	14.10	240	346168	20.00	ng	-0.01
86) Perylene-d12	15.58	264	305625	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	370415	46.88	ng	-0.01
7) Phenol-d6	6.55	99	341269	34.15	ng	-0.02
23) Nitrobenzene-d5	7.51	82	791437	113.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.78	330	336558	160.47	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	1226339	83.33	ng	-0.01
78) Terphenyl-d14	13.06	244	1195817	78.91	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	7.87	122	33182m	4.73	ng	Qvalue
31) Naphthalene	8.26	128	6034576	284.12	ng	# 90
37) 2-Methylnaphthalene	8.94	142	94415	6.24	ng	# 90
45) 1,1'-Biphenyl	9.41	154	263303	13.94	ng	94
48) Acenaphthylene	9.84	152	116371	4.53	ng	# 95
49) Dimethylphthalate	9.69	163	87999	4.79	ng	# 97
51) Acenaphthene	10.01	154	653111	44.07	ng	89
57) Fluorene	10.53	166	188991	11.33	ng	91
70) Phenanthrene	11.50	178	233617	9.10	ng	97

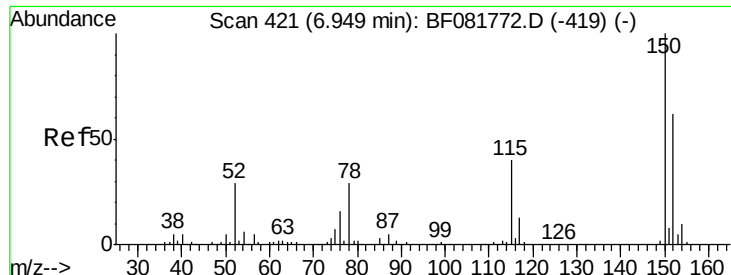
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF081824.D

Acq: 26 Sep 2015 13:23

Instrument :

BNA_F

ClientSampleId :

MW-3B

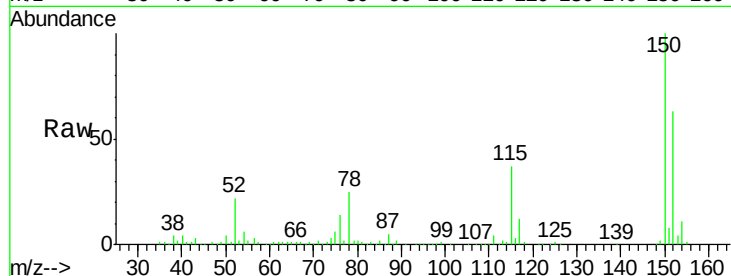
Tgt Ion:152 Resp: 133663

Ion Ratio Lower Upper

152 100

150 158.7 124.7 187.1

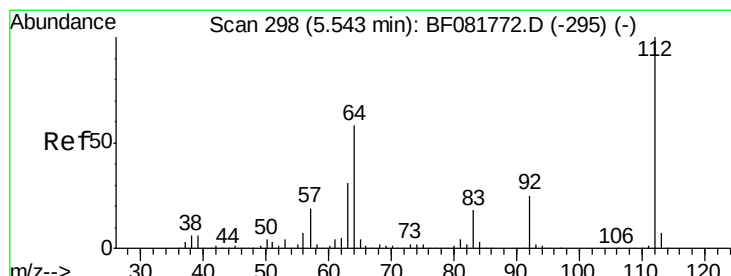
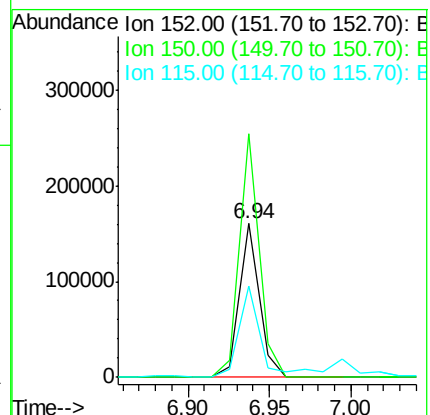
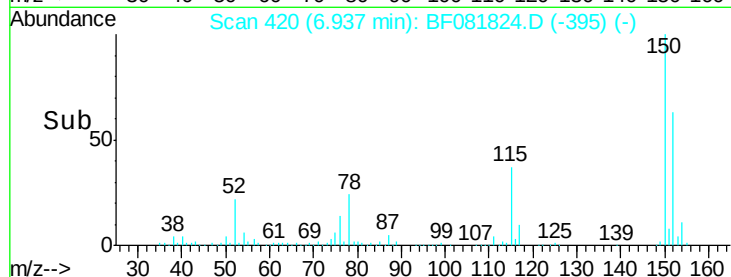
115 59.1 39.0 58.4#



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: 46.88 ng

RT: 5.53 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF081824.D

Acq: 26 Sep 2015 13:23

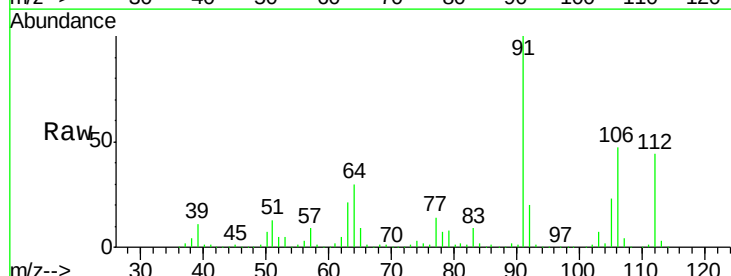
Tgt Ion:112 Resp: 370415

Ion Ratio Lower Upper

112 100

64 67.3 39.7 59.5#

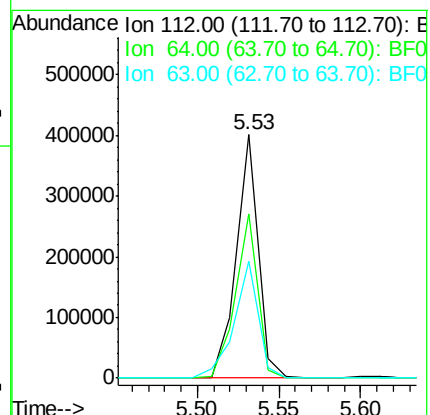
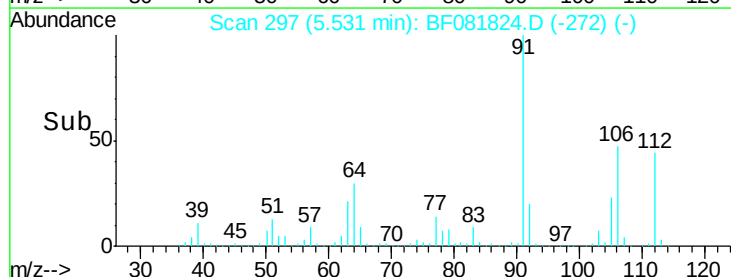
63 47.8 17.4 26.0#

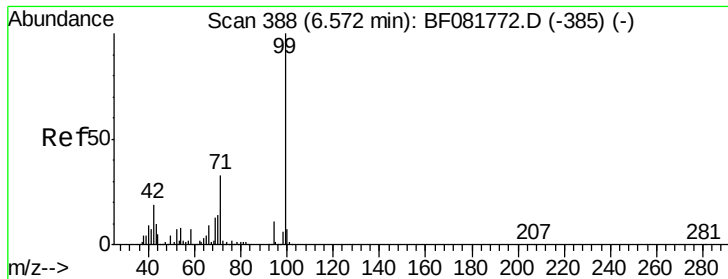


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.15 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.02 min

Lab File: BF081824.D

Acq: 26 Sep 2015 13:23

Instrument :

BNA_F

ClientSampleId :

MW-3B

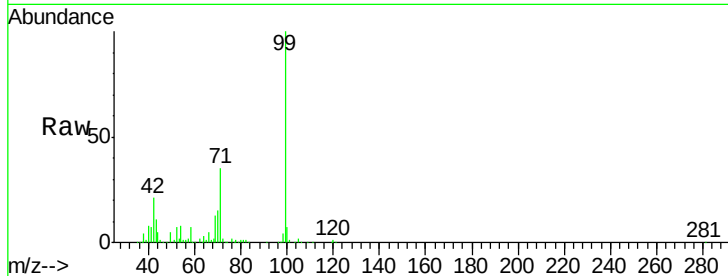
Tgt Ion: 99 Resp: 341269

Ion Ratio Lower Upper

99 100

42 20.8 13.7 20.5#

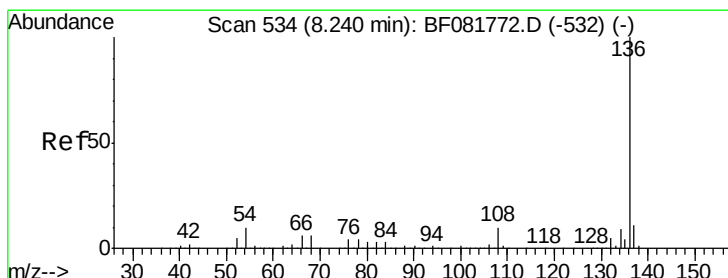
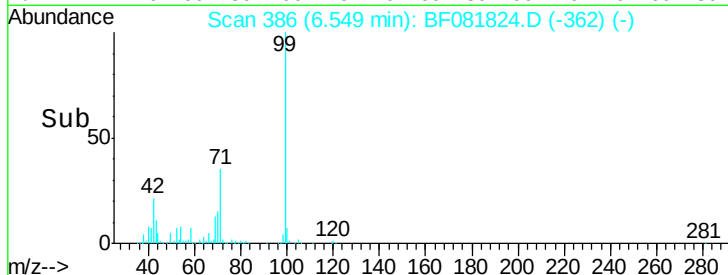
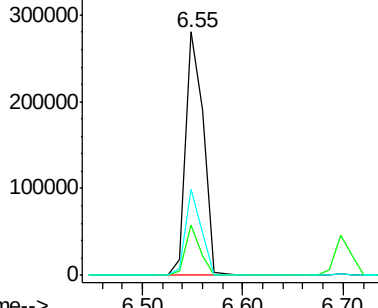
71 35.2 14.2 21.2#



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: 8.23 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF081824.D

Acq: 26 Sep 2015 13:23

Tgt Ion: 136 Resp: 460398

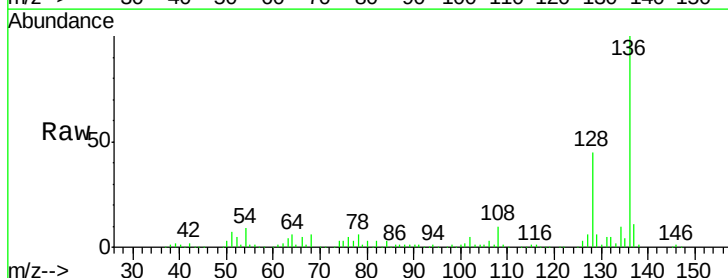
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 8.8 8.2 12.2

68 5.9 5.8 8.6

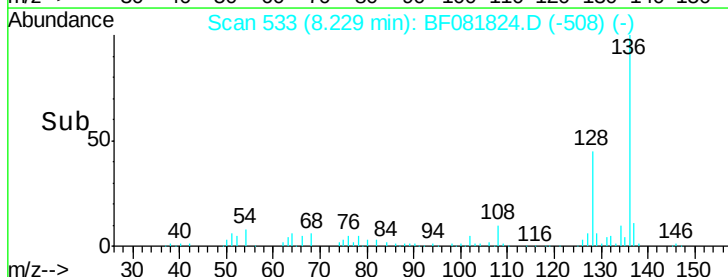
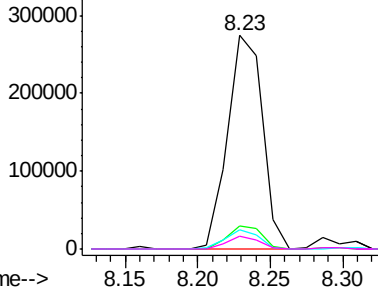


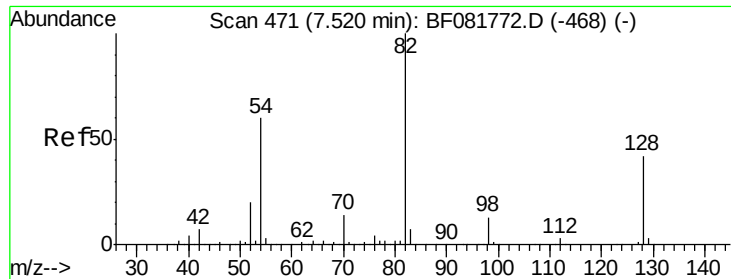
Abundance Ion 136.00 (135.70 to 136.70): E

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

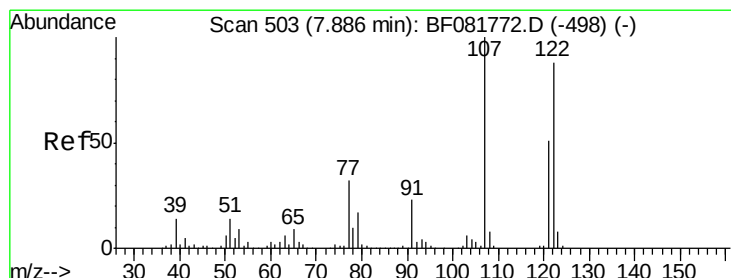
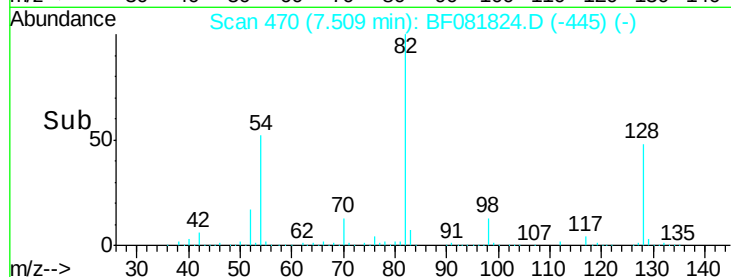
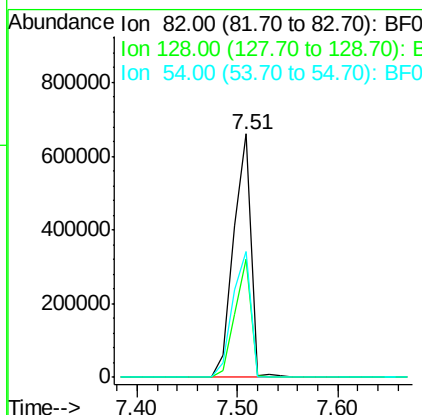
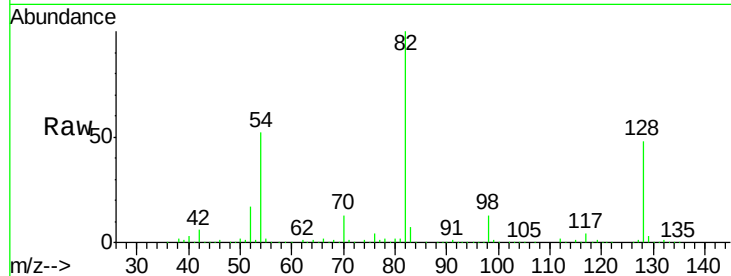




#23
 Nitrobenzene-d5
 Concen: 113.42 ng
 RT: 7.51 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF081824.D
 Acq: 26 Sep 2015 13:23

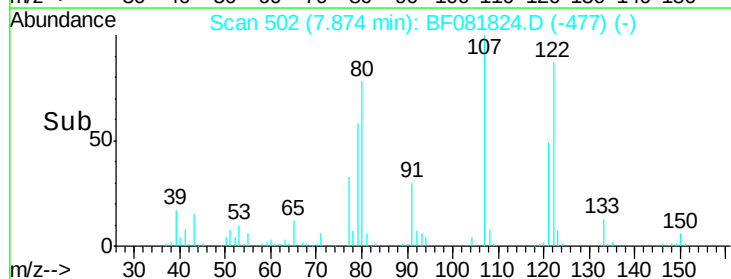
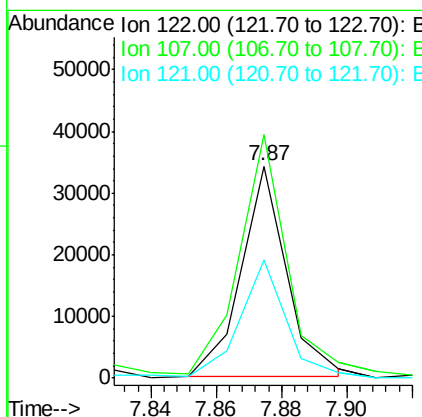
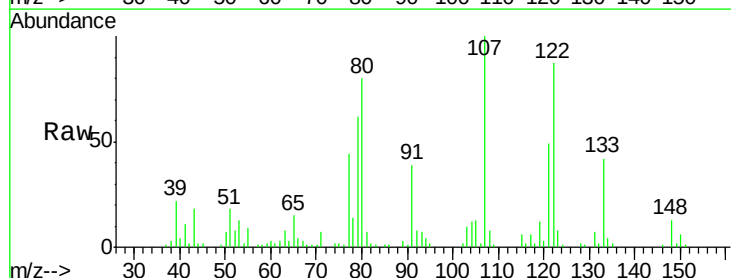
Instrument :
 BNA_F
 ClientSampleId :
 MW-3B

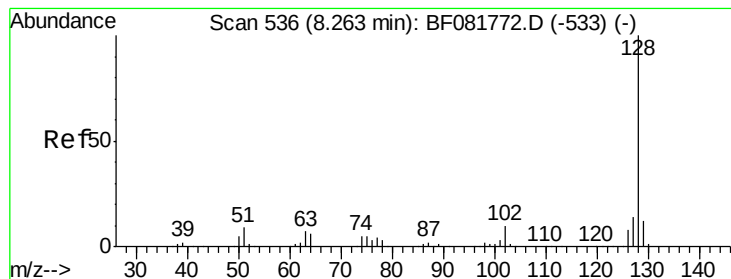
Tgt Ion: 82 Resp: 791437
 Ion Ratio Lower Upper
 82 100
 128 48.5 51.0 76.6#
 54 51.6 47.5 71.3



#27
 2,4-Dimethylphenol
 Concen: 4.73 ng m
 RT: 7.87 min Scan# 502
 Delta R.T. -0.01 min
 Lab File: BF081824.D
 Acq: 26 Sep 2015 13:23

Tgt Ion: 122 Resp: 33182
 Ion Ratio Lower Upper
 122 100
 107 115.0 71.8 107.6#
 121 55.9 42.3 63.5





#31

Naphthalene

Concen: 284.12 ng

RT: 8.26 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF081824.D

Acq: 26 Sep 2015 13:23

Instrument :

BNA_F

ClientSampleId :

MW-3B

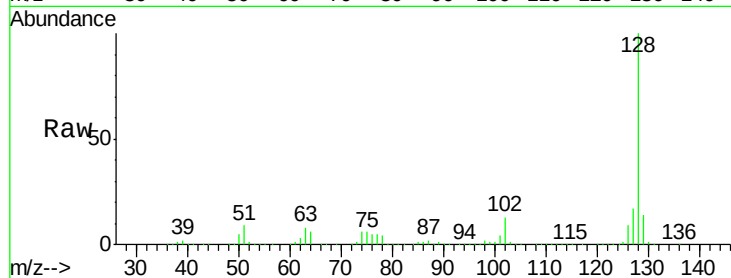
Tgt Ion:128 Resp: 6034576

Ion Ratio Lower Upper

128 100

129 13.7 8.4 12.6#

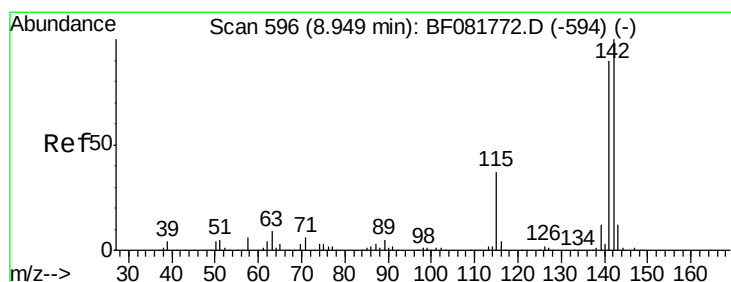
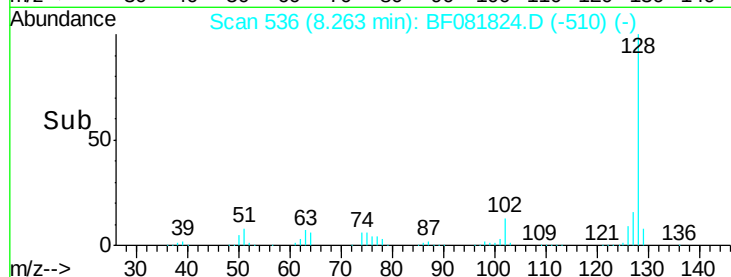
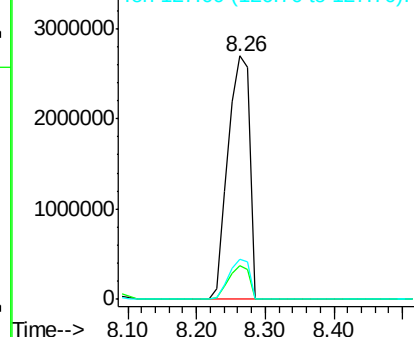
127 16.6 9.9 14.9#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 6.24 ng

RT: 8.94 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF081824.D

Acq: 26 Sep 2015 13:23

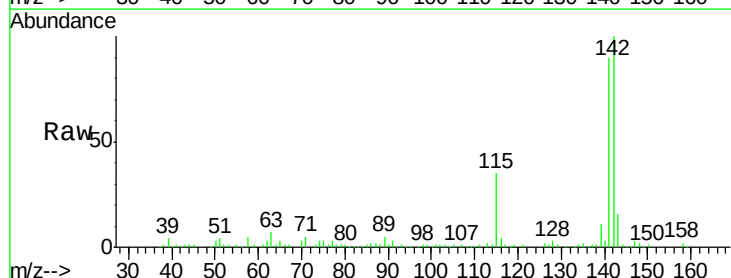
Tgt Ion:142 Resp: 94415

Ion Ratio Lower Upper

142 100

141 89.6 67.5 101.3

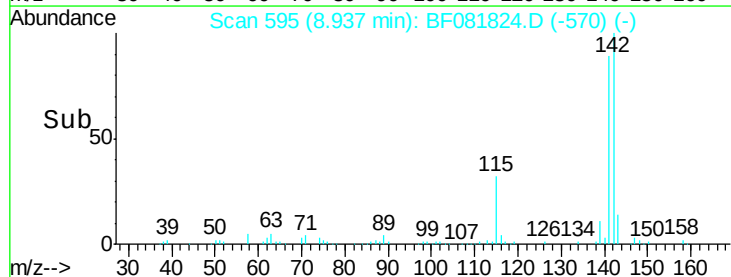
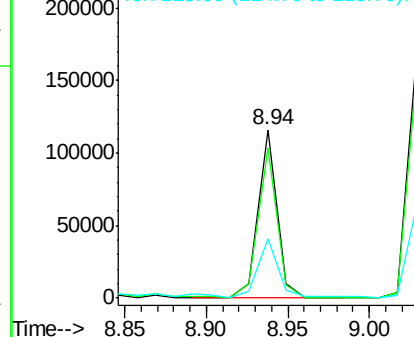
115 34.9 18.2 27.2#

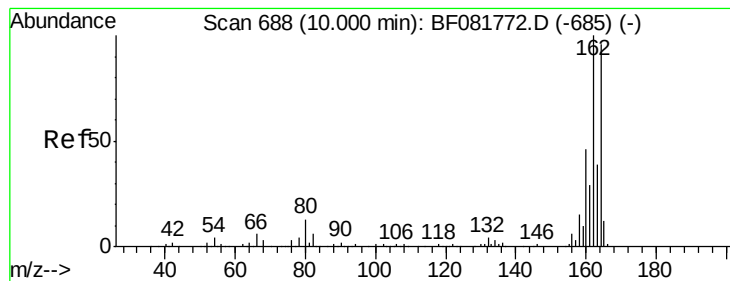


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.98 min Scan# 686

Delta R.T. -0.02 min

Lab File: BF081824.D

Acq: 26 Sep 2015 13:23

Instrument :

BNA_F

ClientSampleId :

MW-3B

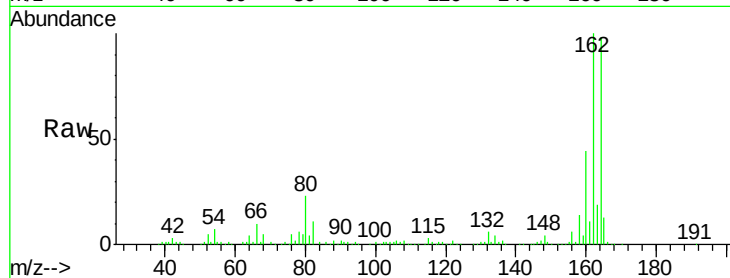
Tgt Ion:164 Resp: 241583

Ion Ratio Lower Upper

164 100

162 101.9 75.2 112.8

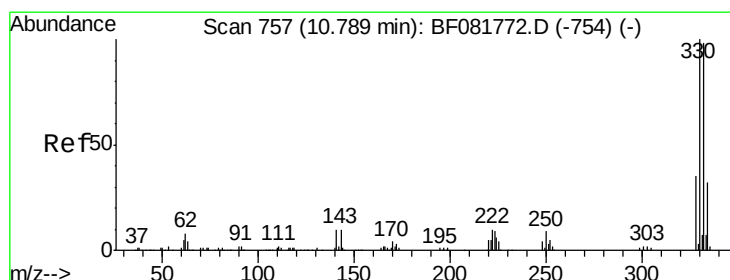
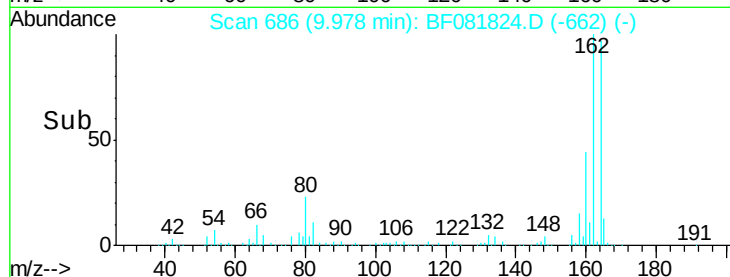
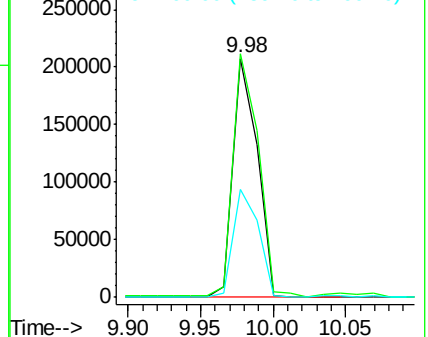
160 44.9 31.5 47.3



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: 160.47 ng

RT: 10.78 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF081824.D

Acq: 26 Sep 2015 13:23

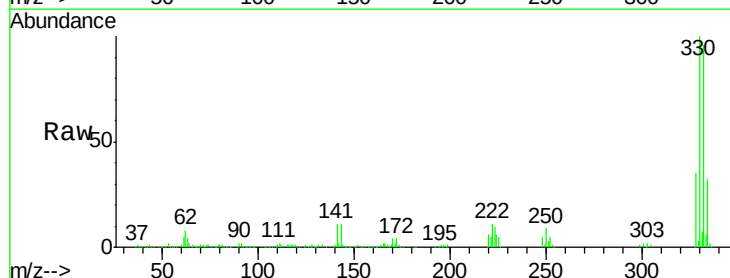
Tgt Ion:330 Resp: 336558

Ion Ratio Lower Upper

330 100

332 96.5 76.6 114.8

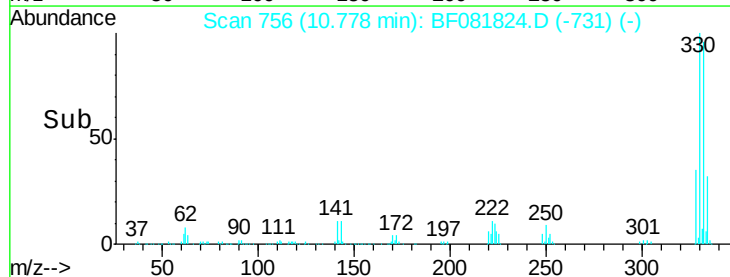
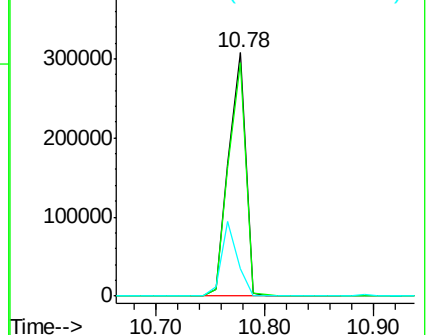
141 29.3 29.7 44.5#

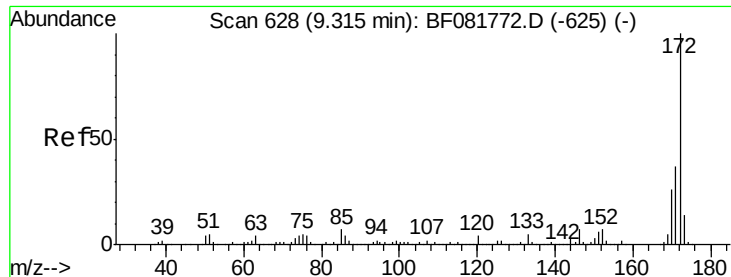


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

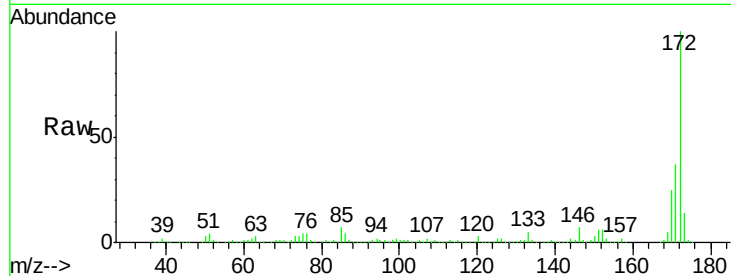




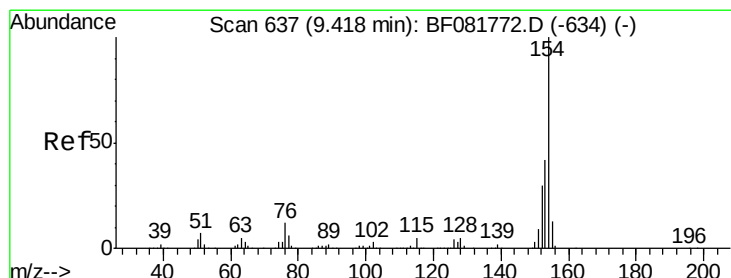
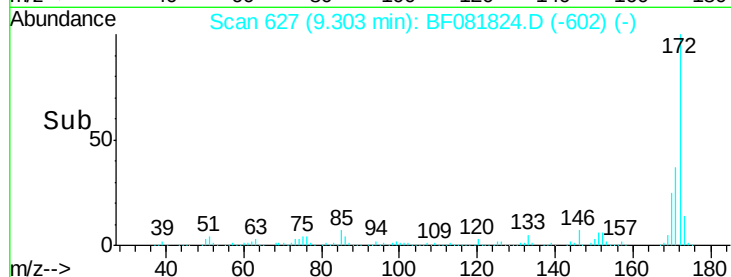
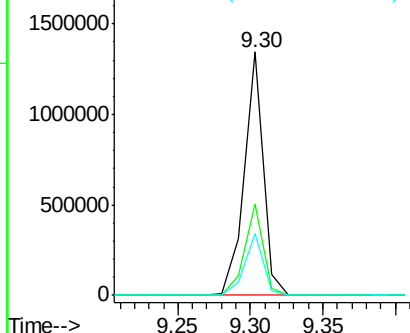
#44
 2-Fluorobiphenyl
 Concen: 83.33 ng
 RT: 9.30 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF081824.D
 Acq: 26 Sep 2015 13:23

Instrument :
 BNA_F
 ClientSampleId :
 MW-3B

Tgt Ion:172 Resp: 1226339
 Ion Ratio Lower Upper
 172 100
 171 37.5 26.1 39.1
 170 25.5 17.4 26.2

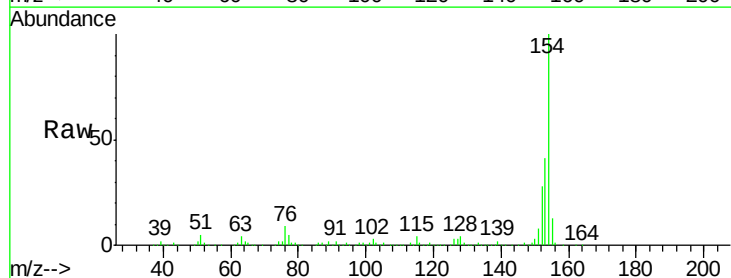


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

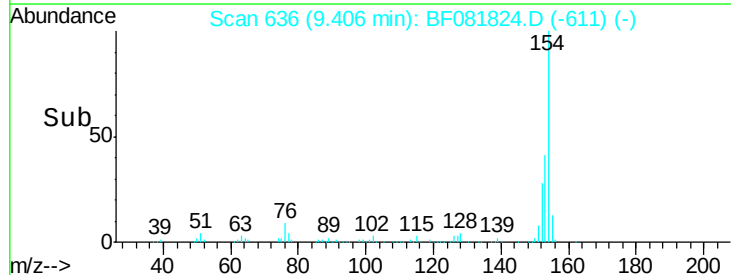
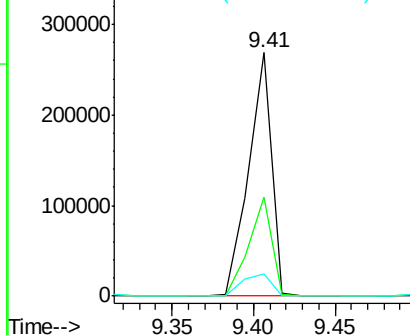


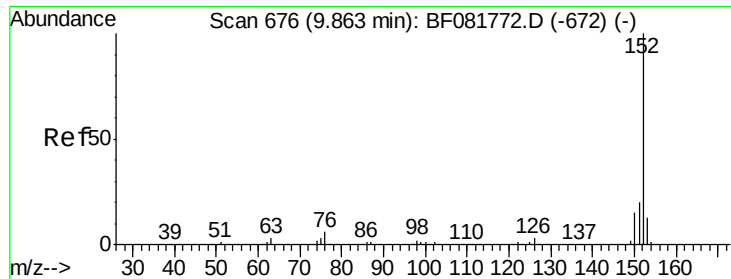
#45
 1,1'-Biphenyl
 Concen: 13.94 ng
 RT: 9.41 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF081824.D
 Acq: 26 Sep 2015 13:23

Tgt Ion:154 Resp: 263303
 Ion Ratio Lower Upper
 154 100
 153 40.6 17.1 57.1
 76 8.9 0.0 31.6



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0





#48

Acenaphthylene

Concen: 4.53 ng

RT: 9.84 min Scan# 674

Delta R.T. -0.02 min

Lab File: BF081824.D

Acq: 26 Sep 2015 13:23

Instrument :

BNA_F

ClientSampleId :

MW-3B

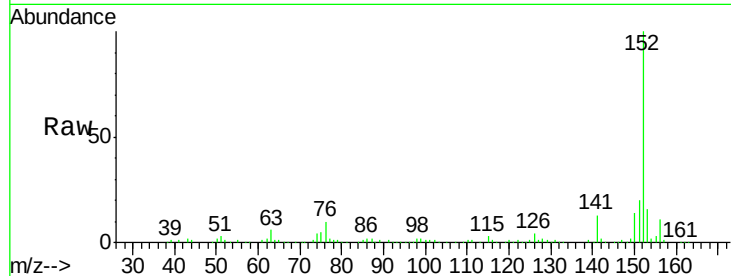
Tgt Ion:152 Resp: 116371

Ion Ratio Lower Upper

152 100

151 19.7 14.6 22.0

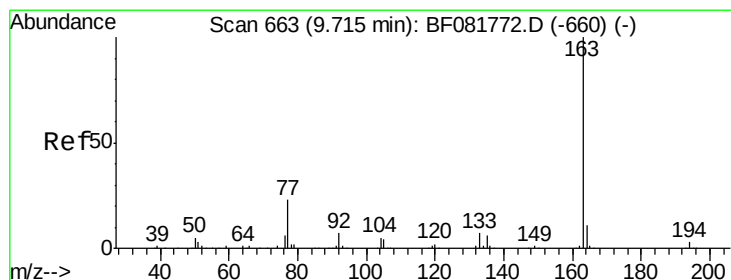
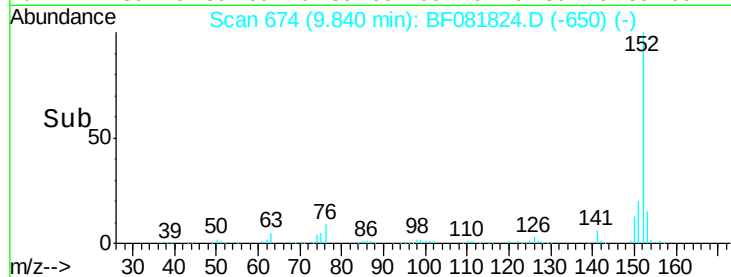
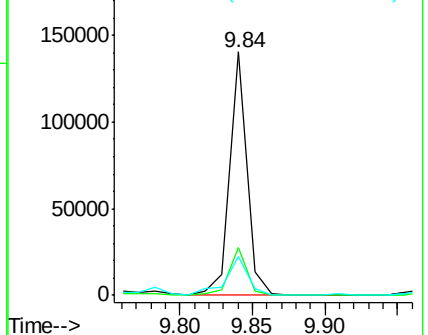
153 15.8 10.3 15.5#



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: 4.79 ng

RT: 9.69 min Scan# 661

Delta R.T. -0.02 min

Lab File: BF081824.D

Acq: 26 Sep 2015 13:23

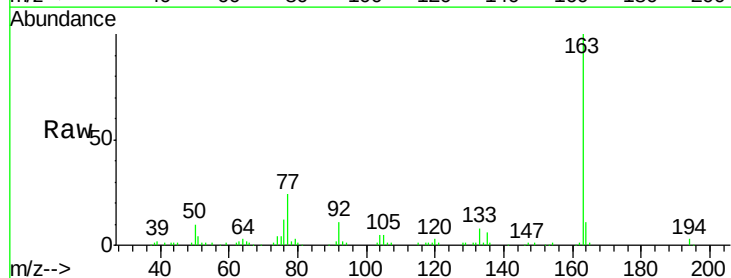
Tgt Ion:163 Resp: 87999

Ion Ratio Lower Upper

163 100

194 3.0 4.4 6.6#

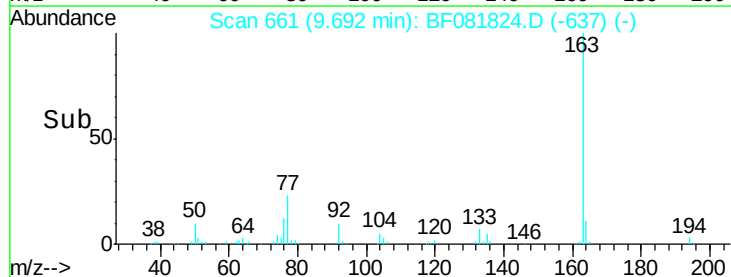
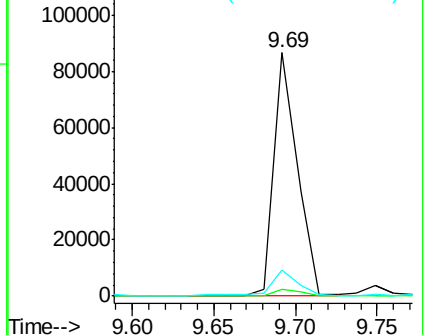
164 10.6 8.3 12.5

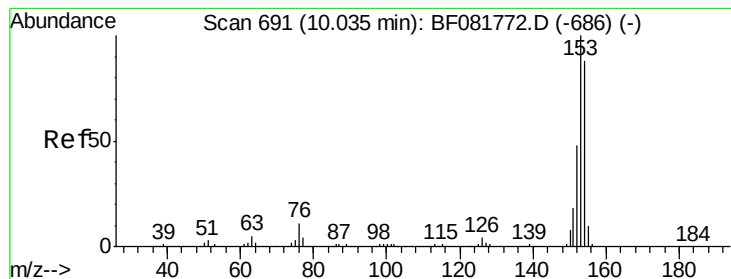


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 44.07 ng

RT: 10.01 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF081824.D

Acq: 26 Sep 2015 13:23

Instrument :

BNA_F

ClientSampleId :

MW-3B

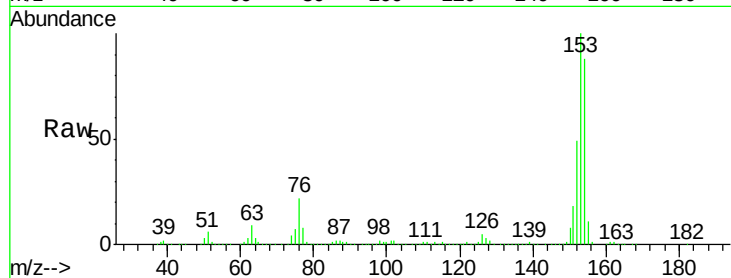
Tgt Ion:154 Resp: 653111

Ion Ratio Lower Upper

154 100

153 113.0 82.1 123.1

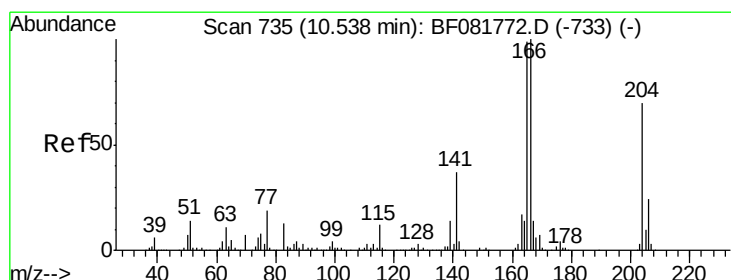
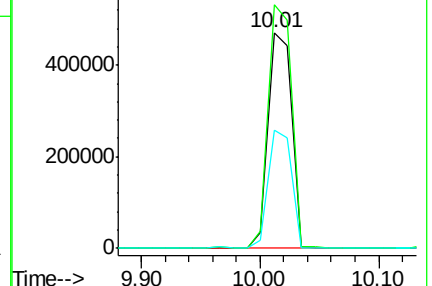
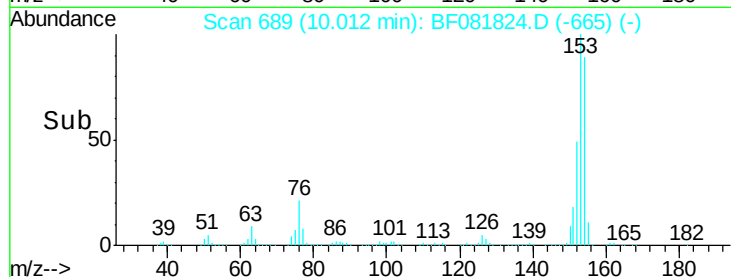
152 54.9 37.9 56.9



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: 11.33 ng

RT: 10.53 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF081824.D

Acq: 26 Sep 2015 13:23

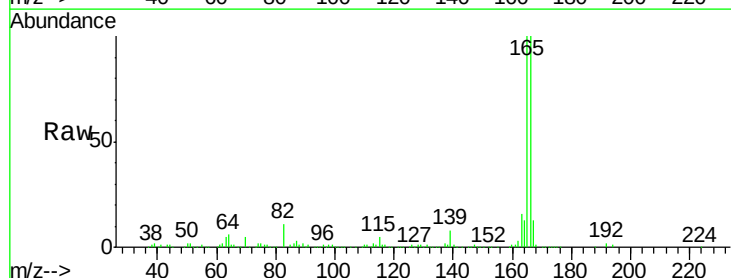
Tgt Ion:166 Resp: 188991

Ion Ratio Lower Upper

166 100

165 100.3 72.6 109.0

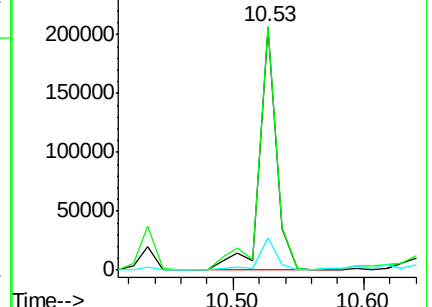
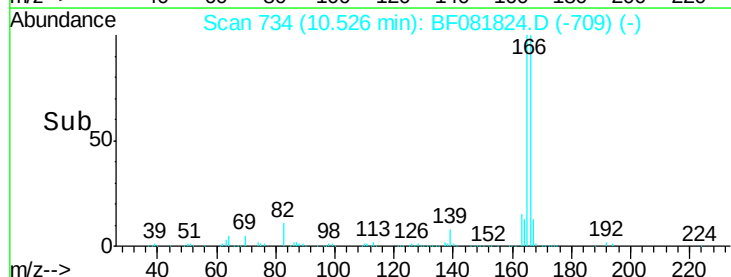
167 13.4 10.6 16.0

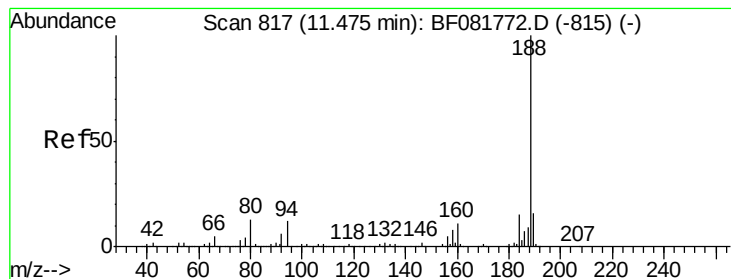


Abundance Ion 166.00 (165.70 to 166.70): E

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: 11.46 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF081824.D

Acq: 26 Sep 2015 13:23

Instrument :

BNA_F

ClientSampleId :

MW-3B

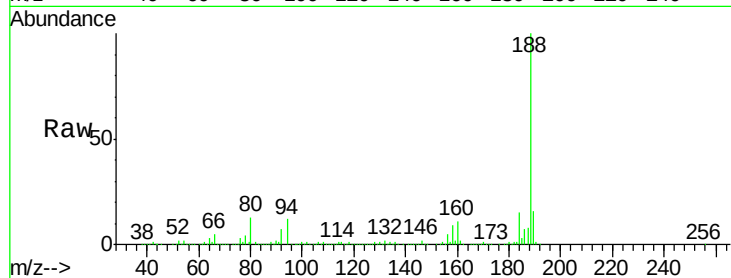
Tgt Ion:188 Resp: 449176

Ion Ratio Lower Upper

188 100

94 11.9 11.1 16.7

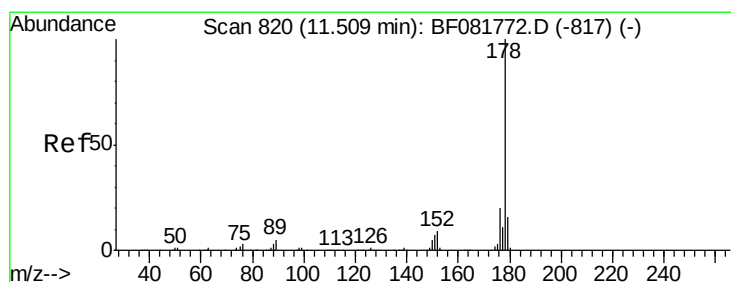
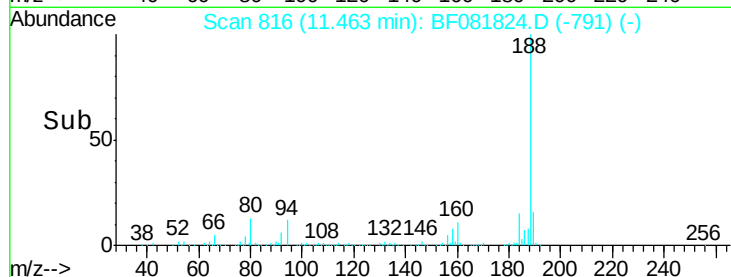
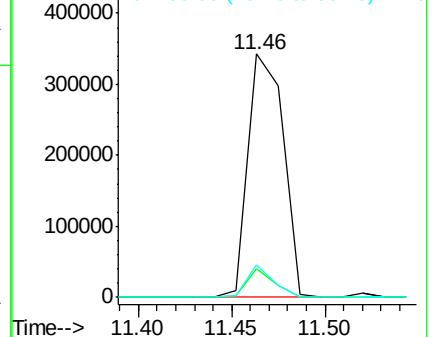
80 13.3 11.0 16.4



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: 9.10 ng

RT: 11.50 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF081824.D

Acq: 26 Sep 2015 13:23

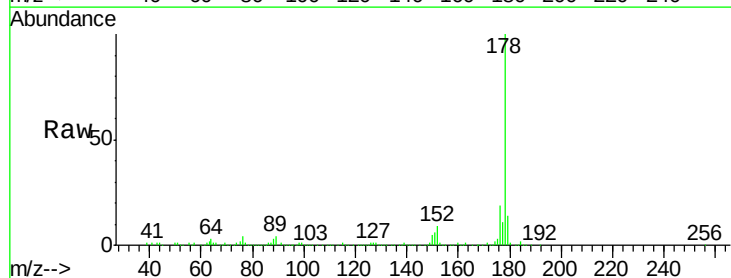
Tgt Ion:178 Resp: 233617

Ion Ratio Lower Upper

178 100

176 18.8 13.8 20.8

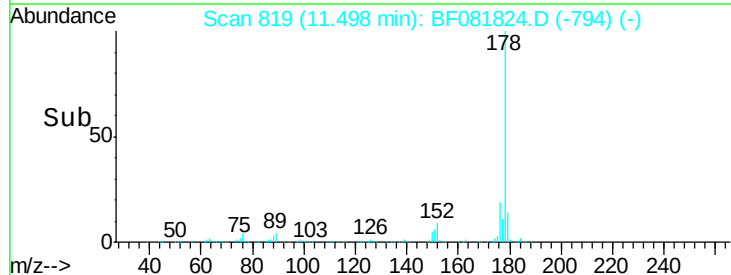
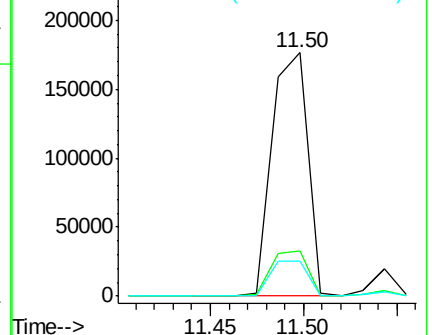
179 14.2 12.2 18.2

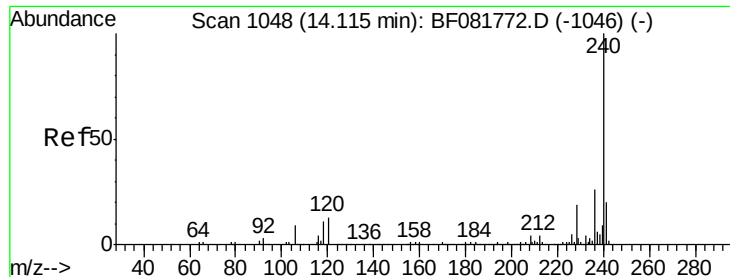


Abundance Ion 178.00 (177.70 to 178.70): E

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: 14.10 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF081824.D

Acq: 26 Sep 2015 13:23

Instrument :

BNA_F

ClientSampleId :

MW-3B

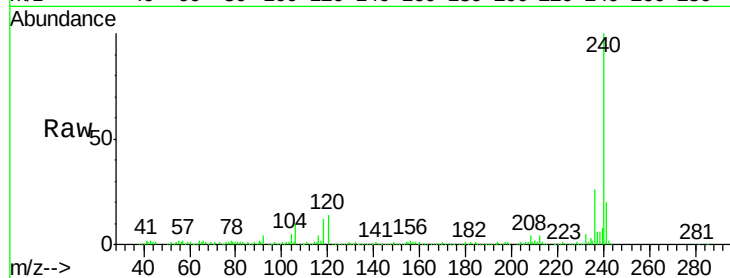
Tgt Ion:240 Resp: 346168

Ion Ratio Lower Upper

240 100

120 13.8 16.2 24.2#

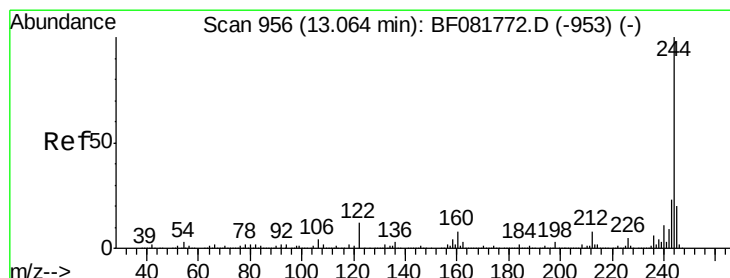
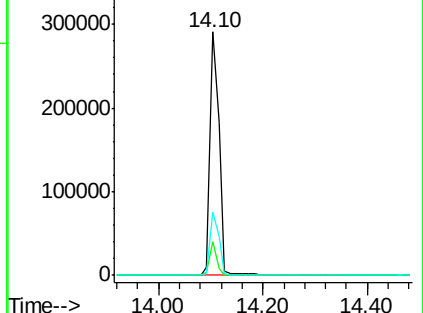
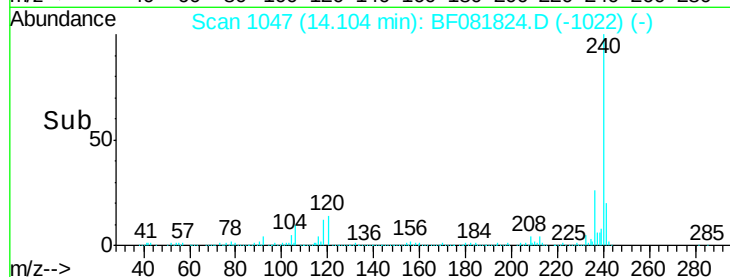
236 26.2 18.4 27.6



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



#78

Terphenyl-d14

Concen: 78.91 ng

RT: 13.06 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF081824.D

Acq: 26 Sep 2015 13:23

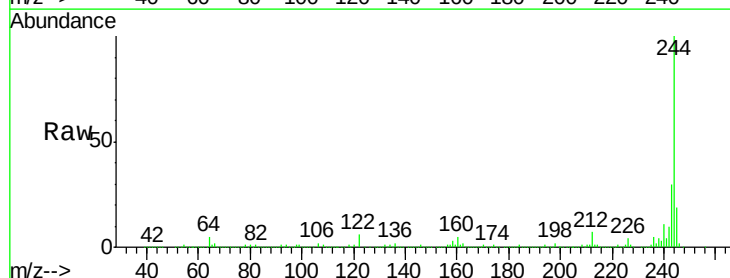
Tgt Ion:244 Resp: 1195817

Ion Ratio Lower Upper

244 100

212 6.9 4.3 6.5#

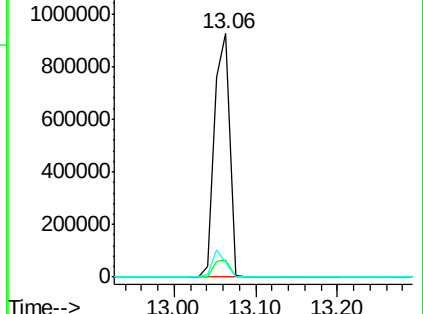
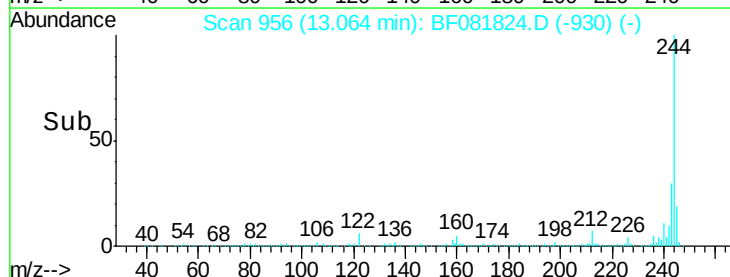
122 5.8 17.4 26.2#

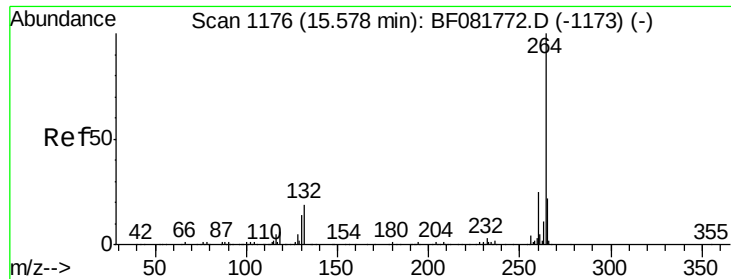


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.58 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF081824.D
Acq: 26 Sep 2015 13:23

Instrument :
BNA_F
ClientSampleId :
MW-3B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	16.7	25.1
265	21.6	17.2	25.8

