

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
 Data File : BF081829.D
 Acq On : 26 Sep 2015 15:55
 Operator : UM/IZ
 Sample : G3754-08
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11B

Quant Time: Sep 28 06:58:25 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

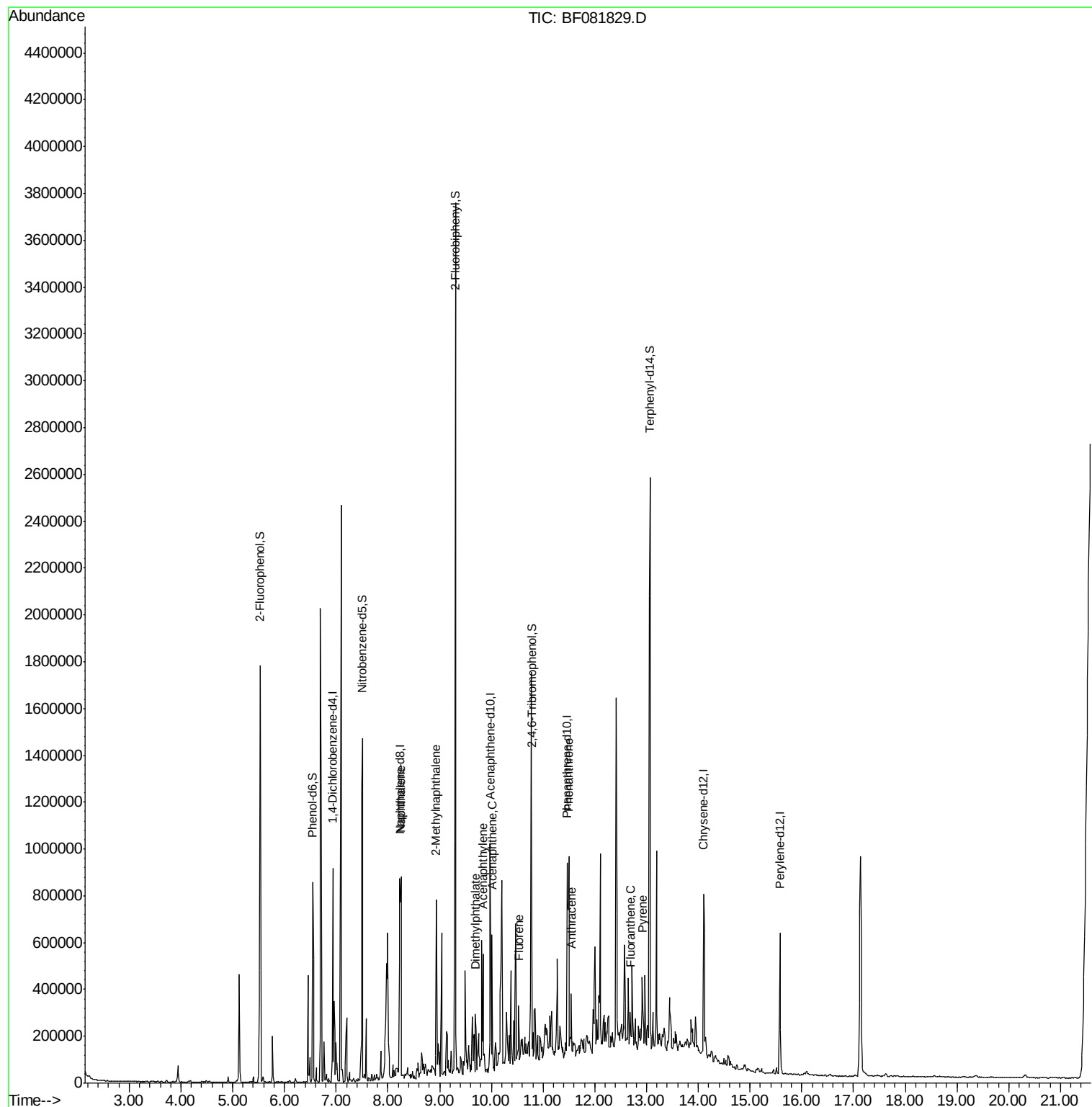
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	127243	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	476114	20.00	ng	-0.01
38) Acenaphthene-d10	9.98	164	218940	20.00	ng	-0.02
63) Phenanthrene-d10	11.46	188	393828	20.00	ng	-0.01
75) Chrysene-d12	14.10	240	307066	20.00	ng	-0.01
86) Perylene-d12	15.58	264	286265	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	433395	57.62	ng	-0.01
7) Phenol-d6	6.55	99	369298	38.82	ng	-0.02
23) Nitrobenzene-d5	7.51	82	668490	92.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.78	330	283025	148.90	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	1131256	84.82	ng	-0.01
78) Terphenyl-d14	13.06	244	1084645	80.69	ng	0.00
Target Compounds						
31) Naphthalene	8.25	128	553526	25.20	ng	Qvalue 99
37) 2-Methylnaphthalene	8.94	142	162262	10.37	ng	# 89
48) Acenaphthylene	9.84	152	182291	7.82	ng	96
49) Dimethylphthalate	9.69	163	97272	5.84	ng	# 96
51) Acenaphthene	10.01	154	118852	8.85	ng	91
57) Fluorene	10.53	166	84932m	5.62	ng	
70) Phenanthrene	11.50	178	451341	20.05	ng	98
71) Anthracene	11.54	178	106988	4.93	ng	99
74) Fluoranthene	12.69	202	68227m	3.01	ng	
77) Pyrene	12.91	202	127911m	5.53	ng	

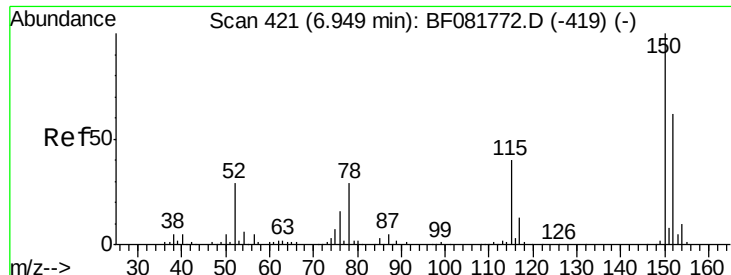
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF081829.D

Acq: 26 Sep 2015 15:55

Instrument :

BNA_F

ClientSampleId :

MW-11B

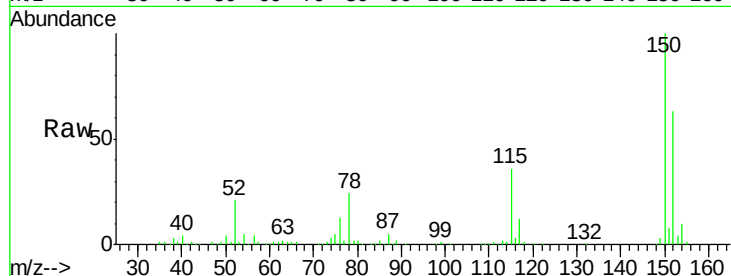
Tgt Ion:152 Resp: 127243

Ion Ratio Lower Upper

152 100

150 158.0 124.7 187.1

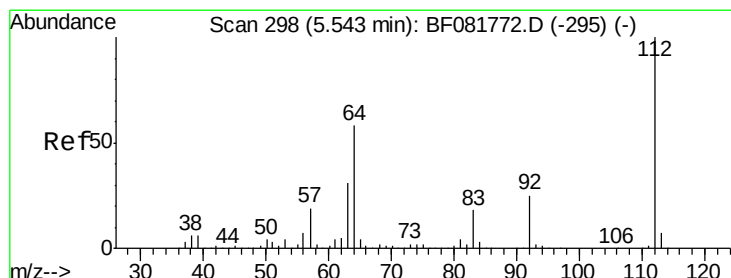
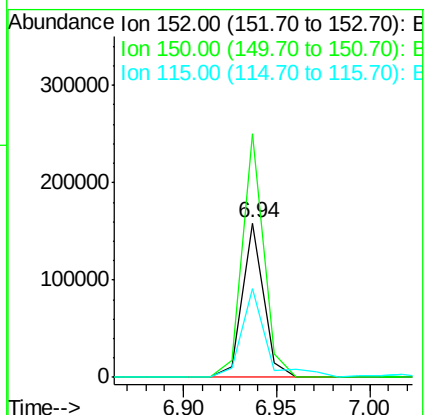
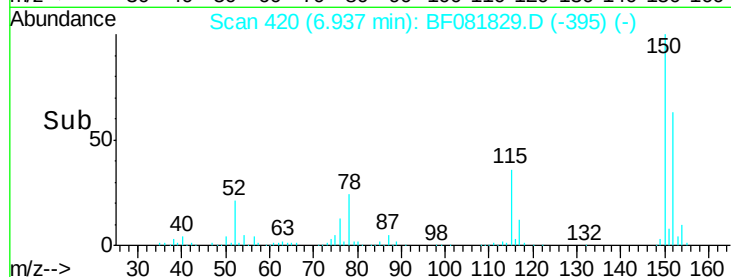
115 57.5 39.0 58.4



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: 57.62 ng

RT: 5.53 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF081829.D

Acq: 26 Sep 2015 15:55

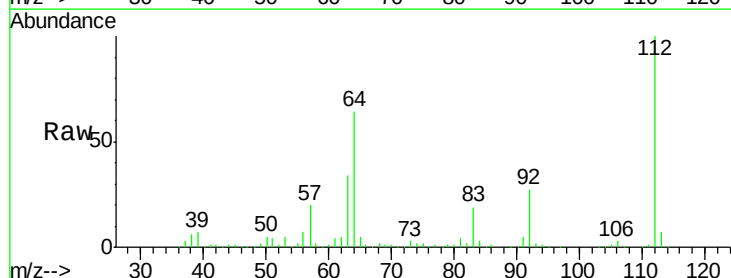
Tgt Ion:112 Resp: 433395

Ion Ratio Lower Upper

112 100

64 64.3 39.7 59.5#

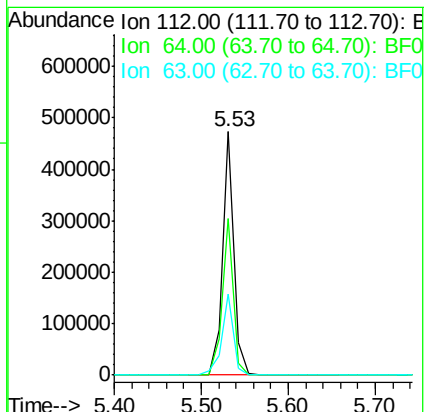
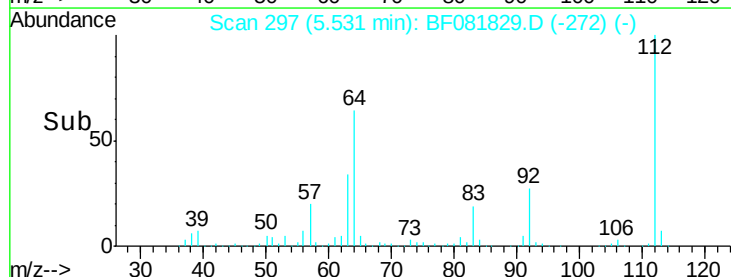
63 33.5 17.4 26.0#

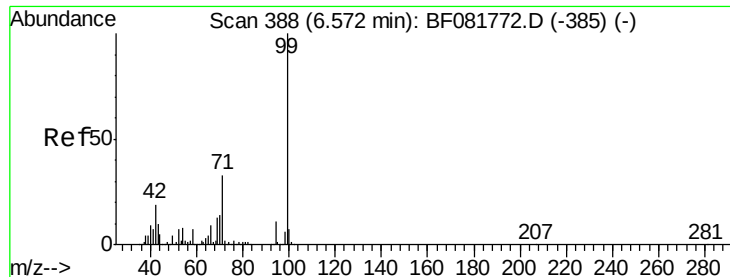


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.82 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.02 min

Lab File: BF081829.D

Acq: 26 Sep 2015 15:55

Instrument :

BNA_F

ClientSampleId :

MW-11B

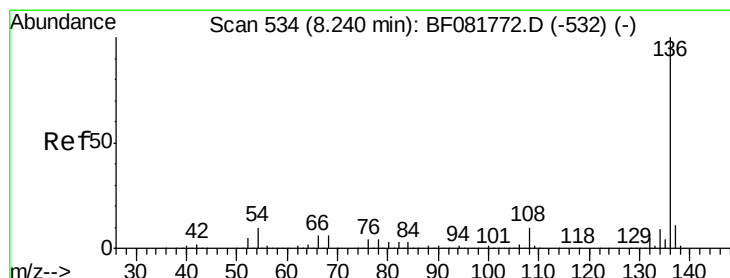
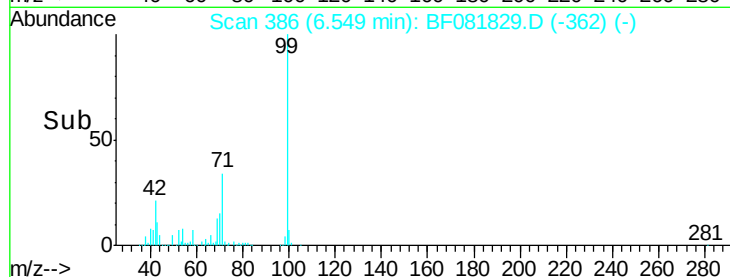
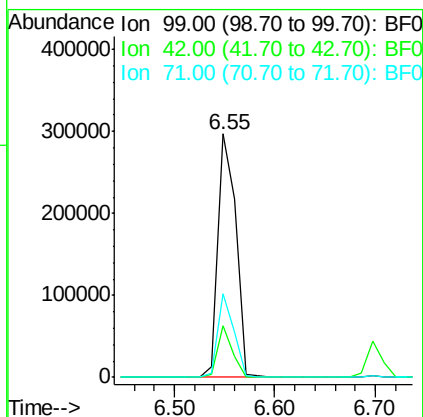
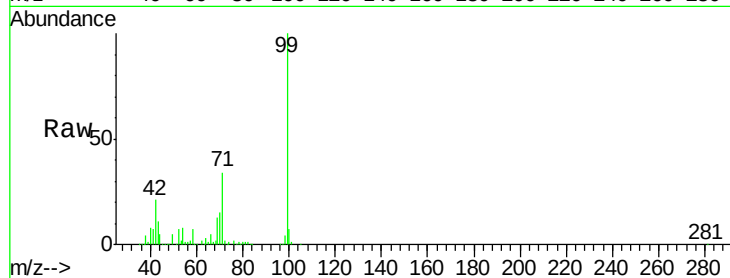
Tgt Ion: 99 Resp: 369298

Ion Ratio Lower Upper

99 100

42 20.9 13.7 20.5#

71 34.1 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: BF081829.D

Acq: 26 Sep 2015 15:55

Tgt Ion: 136 Resp: 476114

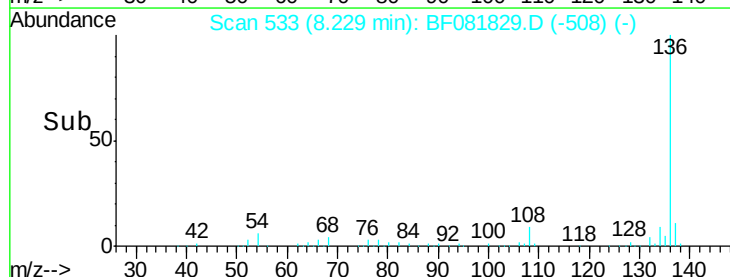
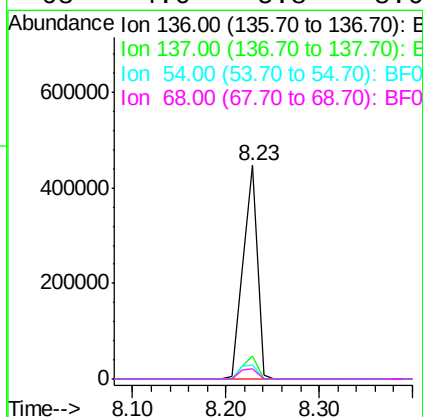
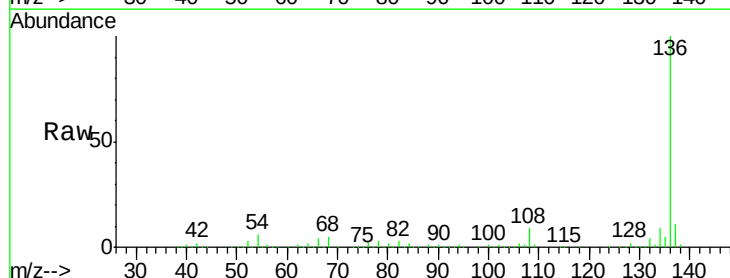
Ion Ratio Lower Upper

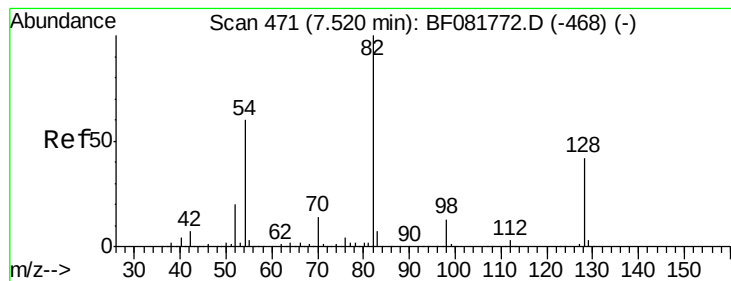
136 100

137 10.7 9.0 13.6

54 6.4 8.2 12.2#

68 4.6 5.8 8.6#





#23

Nitrobenzene-d5

Concen: 92.64 ng

RT: 7.51 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF081829.D

Acq: 26 Sep 2015 15:55

Instrument :

BNA_F

ClientSampleId :

MW-11B

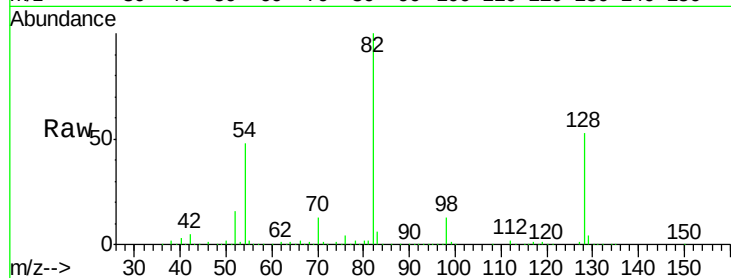
Tgt Ion: 82 Resp: 668490

Ion Ratio Lower Upper

82 100

128 52.7 51.0 76.6

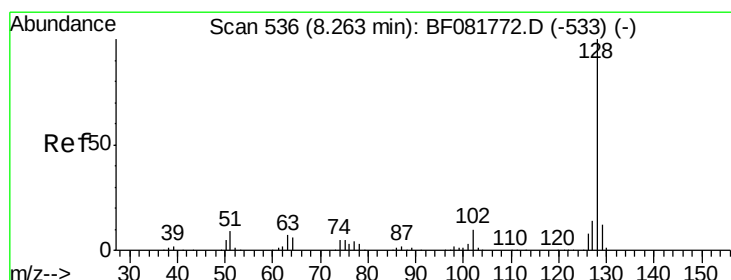
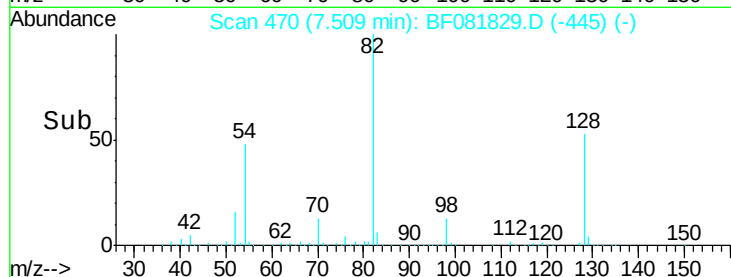
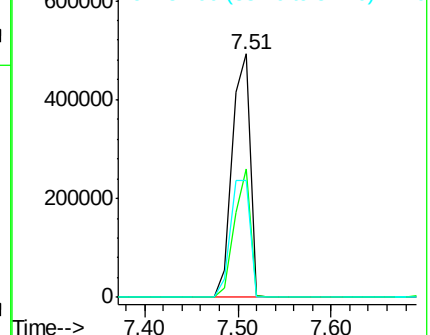
54 48.1 47.5 71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#31

Naphthalene

Concen: 25.20 ng

RT: 8.25 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF081829.D

Acq: 26 Sep 2015 15:55

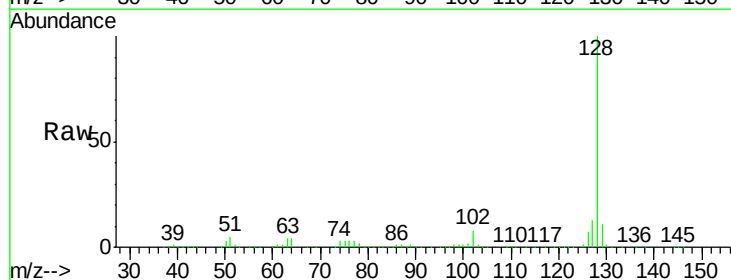
Tgt Ion: 128 Resp: 553526

Ion Ratio Lower Upper

128 100

129 10.9 8.4 12.6

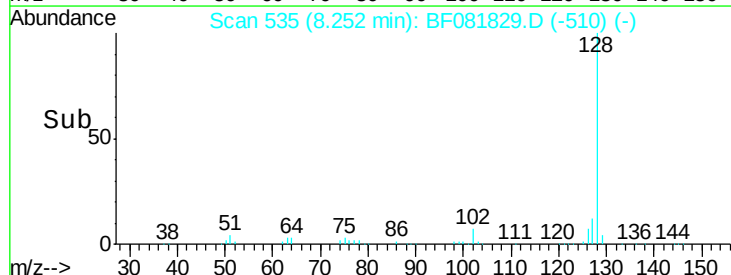
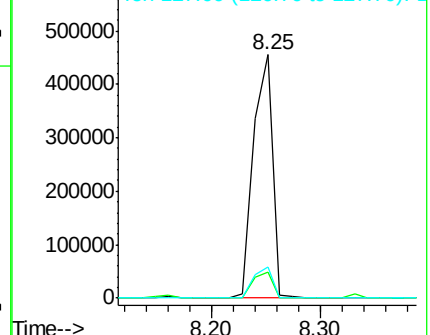
127 12.9 9.9 14.9

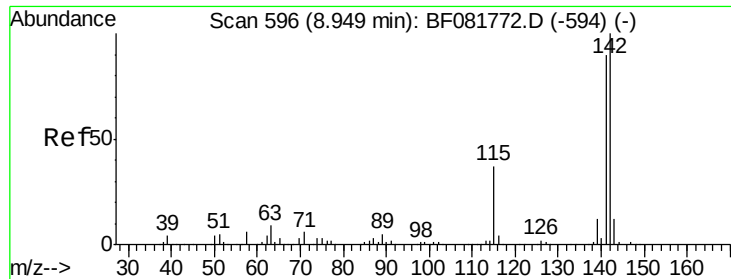


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 10.37 ng

RT: 8.94 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF081829.D

Acq: 26 Sep 2015 15:55

Instrument :

BNA_F

ClientSampleId :

MW-11B

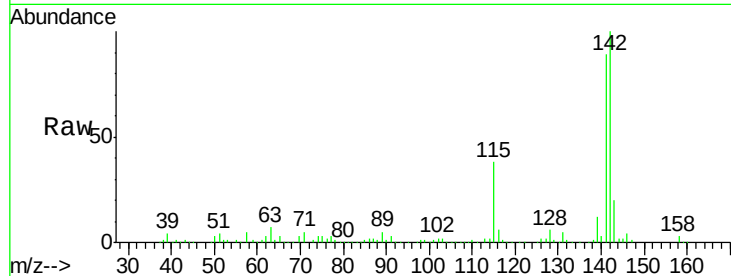
Tgt Ion:142 Resp: 162262

Ion Ratio Lower Upper

142 100

141 89.4 67.5 101.3

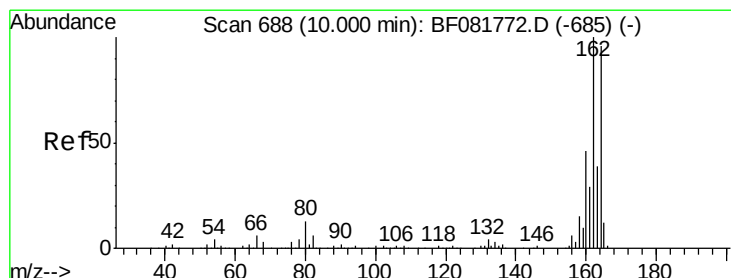
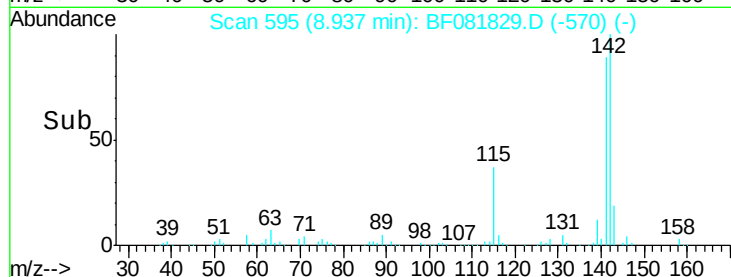
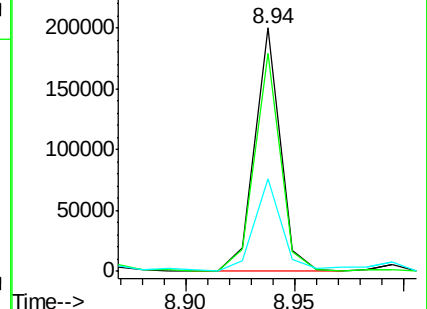
115 38.1 18.2 27.2#



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: BF081829.D

Acq: 26 Sep 2015 15:55

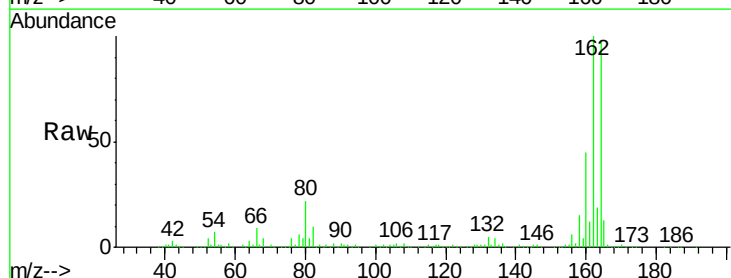
Tgt Ion:164 Resp: 218940

Ion Ratio Lower Upper

164 100

162 102.6 75.2 112.8

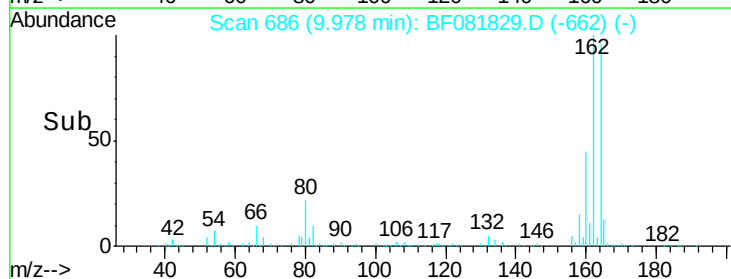
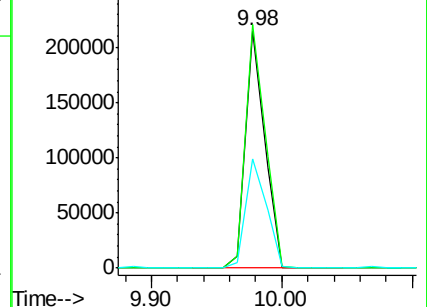
160 45.9 31.5 47.3

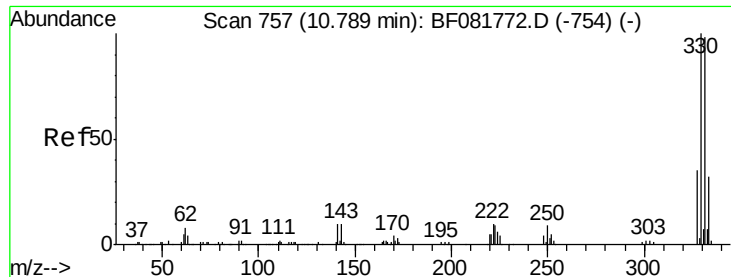


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

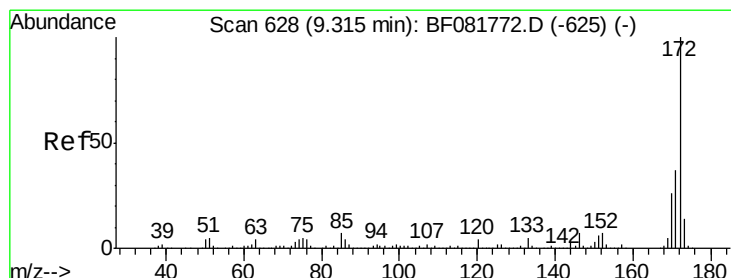
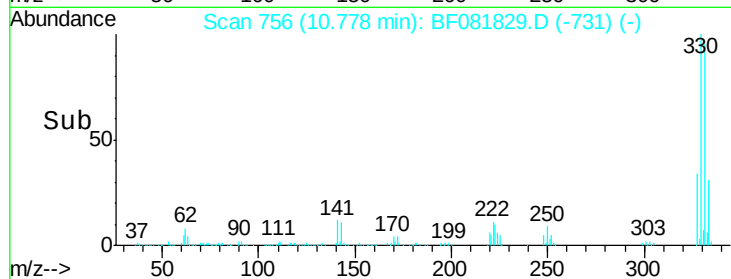
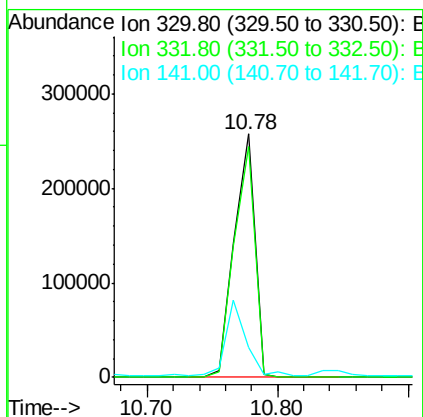
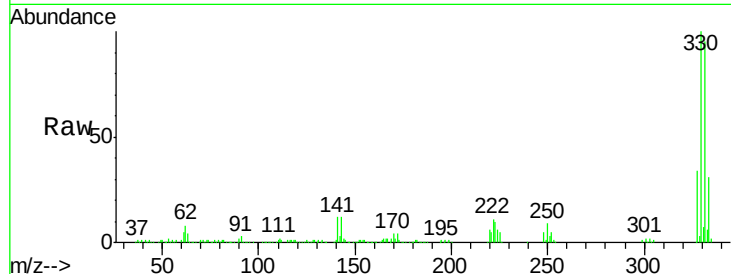




#41
 2,4,6-Tribromophenol
 Concen: 148.90 ng
 RT: 10.78 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF081829.D
 Acq: 26 Sep 2015 15:55

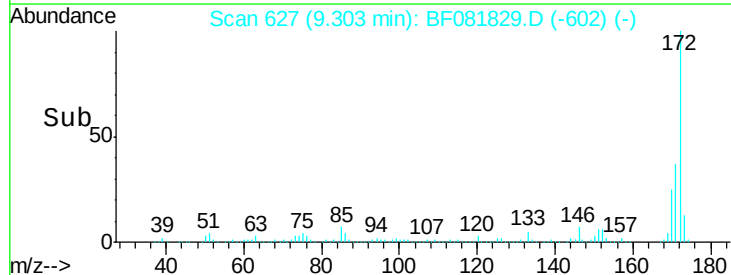
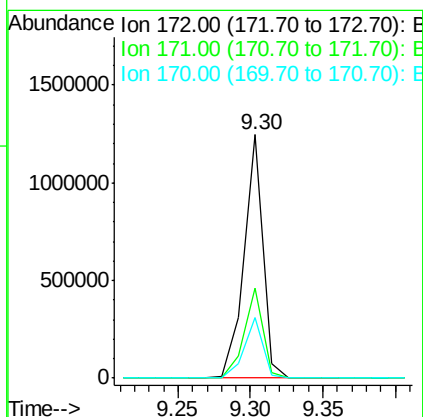
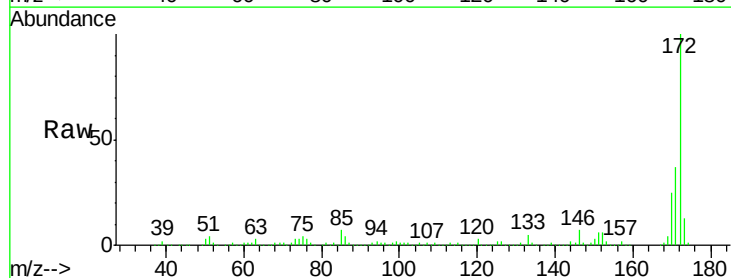
Instrument :
 BNA_F
 ClientSampleId :
 MW-11B

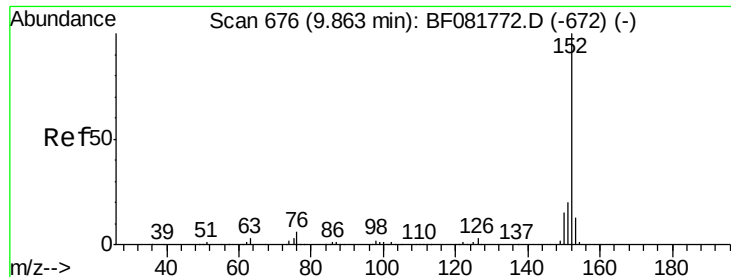
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	114.8
141	31.1	29.7	44.5



#44
 2-Fluorobiphenyl
 Concen: 84.82 ng
 RT: 9.30 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF081829.D
 Acq: 26 Sep 2015 15:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	26.1	39.1
170	25.1	17.4	26.2





#48

Acenaphthylene

Concen: 7.82 ng

RT: 9.84 min Scan# 674

Delta R.T. -0.02 min

Lab File: BF081829.D

Acq: 26 Sep 2015 15:55

Instrument :

BNA_F

ClientSampled :

MW-11B

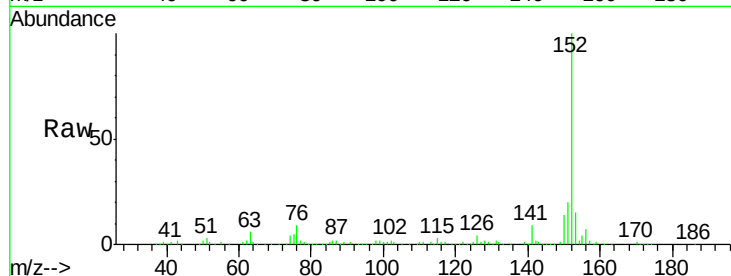
Tgt Ion:152 Resp: 182291

Ion Ratio Lower Upper

152 100

151 19.6 14.6 22.0

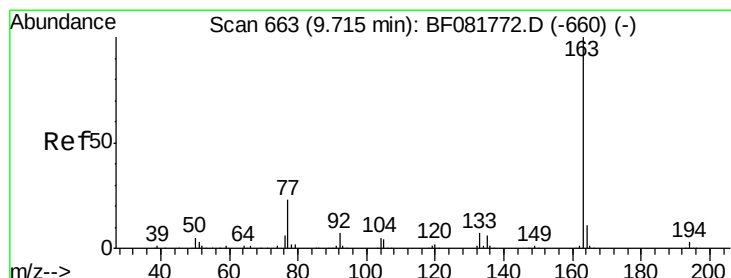
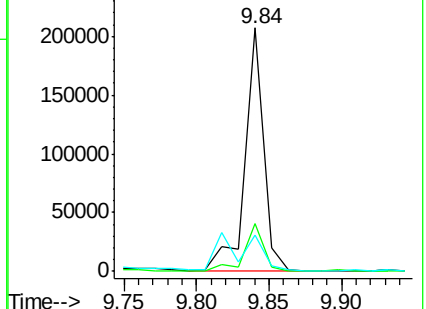
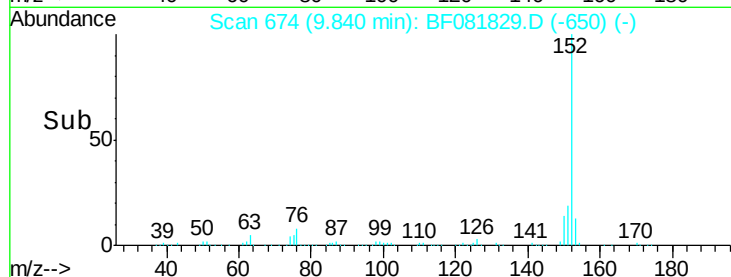
153 14.9 10.3 15.5



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: 5.84 ng

RT: 9.69 min Scan# 661

Delta R.T. -0.02 min

Lab File: BF081829.D

Acq: 26 Sep 2015 15:55

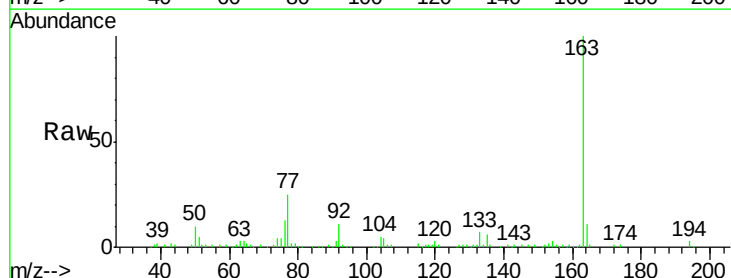
Tgt Ion:163 Resp: 97272

Ion Ratio Lower Upper

163 100

194 2.8 4.4 6.6#

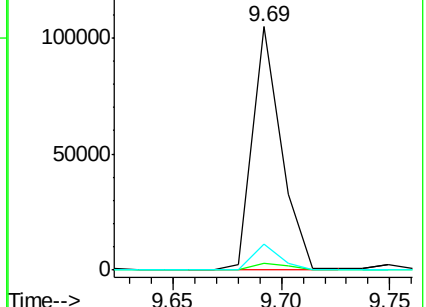
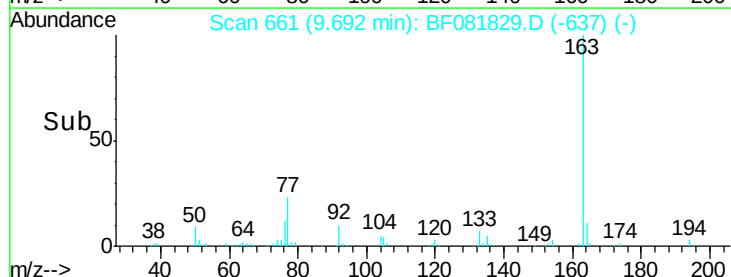
164 10.9 8.3 12.5

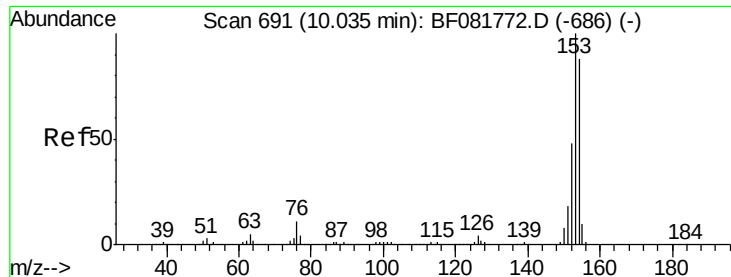


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 8.85 ng

RT: 10.01 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF081829.D

Acq: 26 Sep 2015 15:55

Instrument :

BNA_F

ClientSampled :

MW-11B

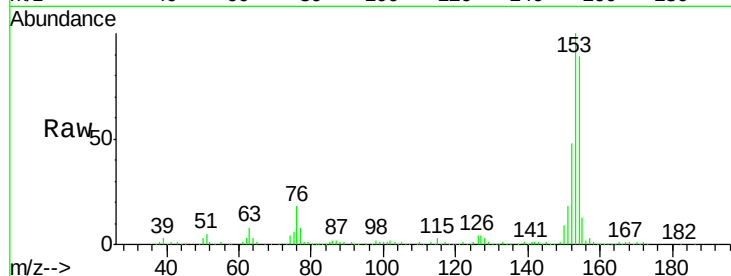
Tgt Ion:154 Resp: 118852

Ion Ratio Lower Upper

154 100

153 111.9 82.1 123.1

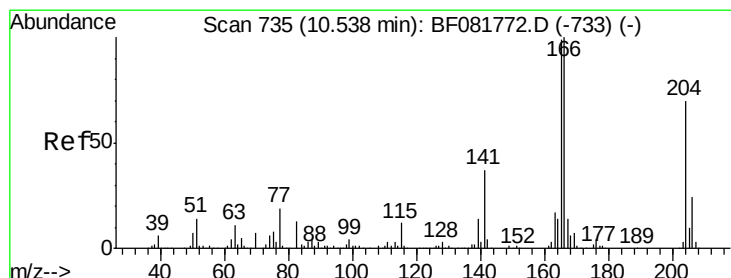
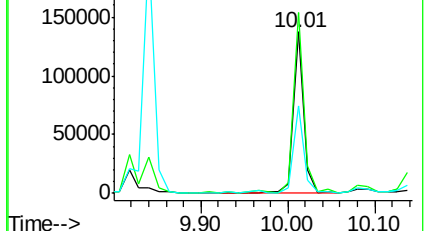
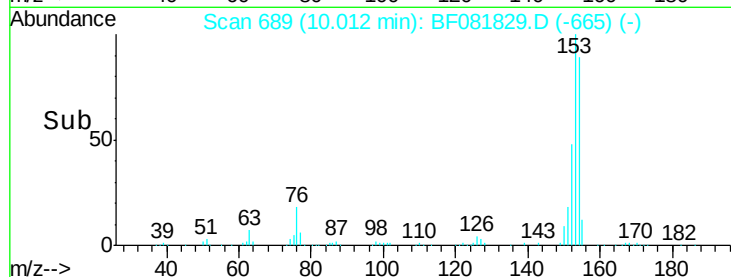
152 53.9 37.9 56.9



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: 5.62 ng m

RT: 10.53 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF081829.D

Acq: 26 Sep 2015 15:55

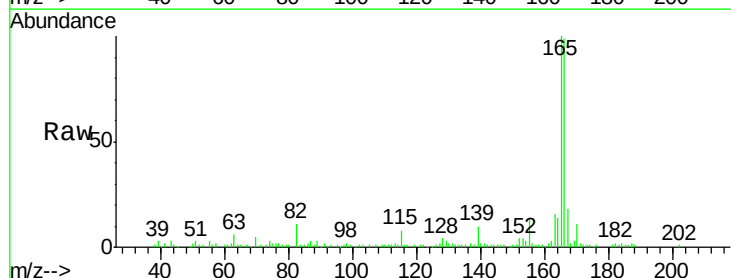
Tgt Ion:166 Resp: 84932

Ion Ratio Lower Upper

166 100

165 100.5 72.6 109.0

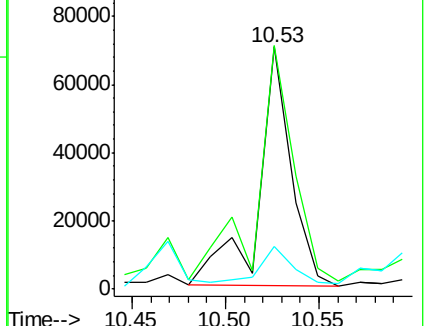
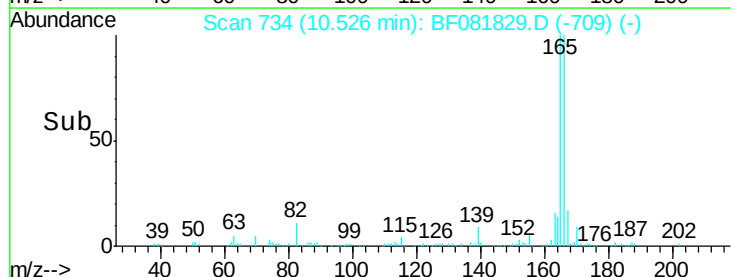
167 17.7 10.6 16.0#

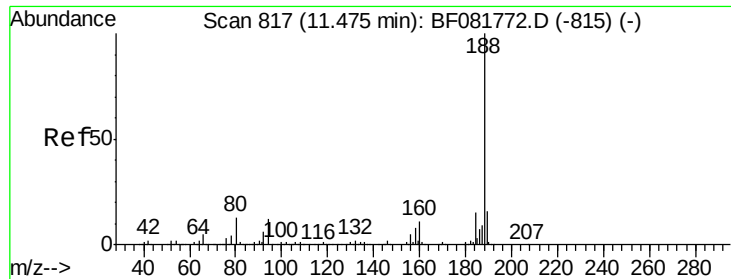


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

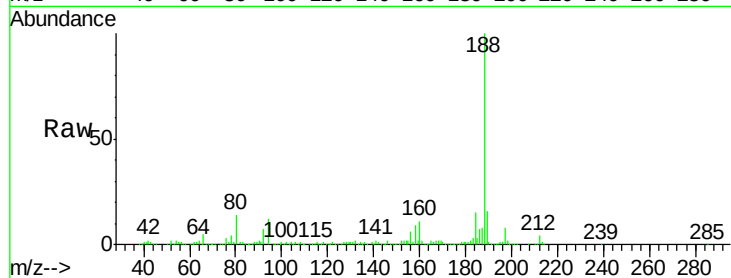




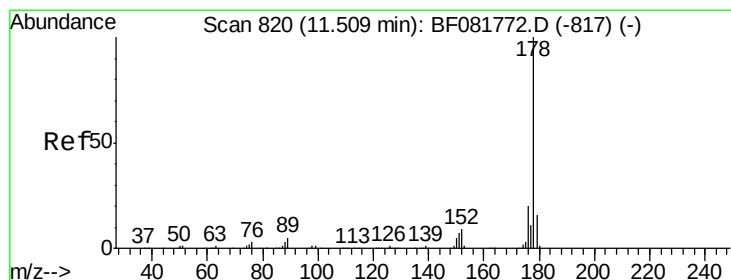
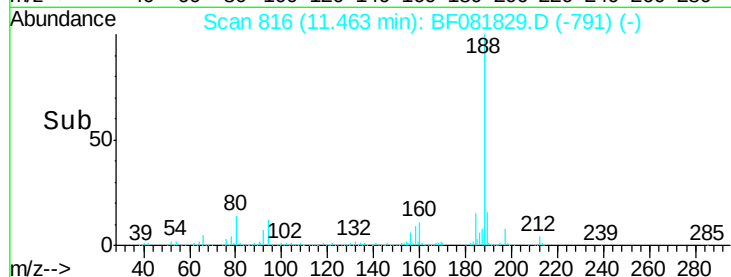
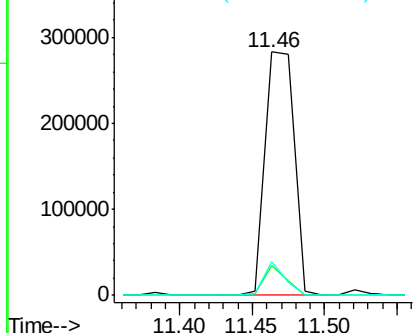
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF081829.D
Acq: 26 Sep 2015 15:55

Instrument :
BNA_F
ClientSampleId :
MW-11B

Tgt Ion:188 Resp: 393828
Ion Ratio Lower Upper
188 100
94 12.2 11.1 16.7
80 13.9 11.0 16.4

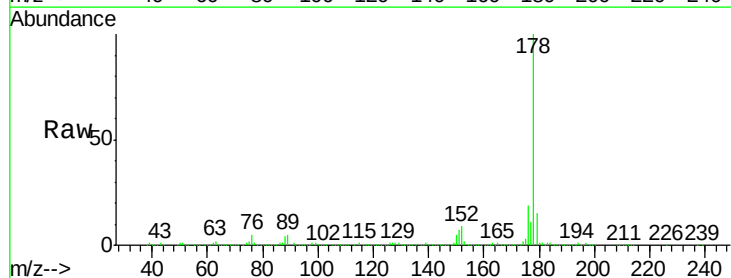


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

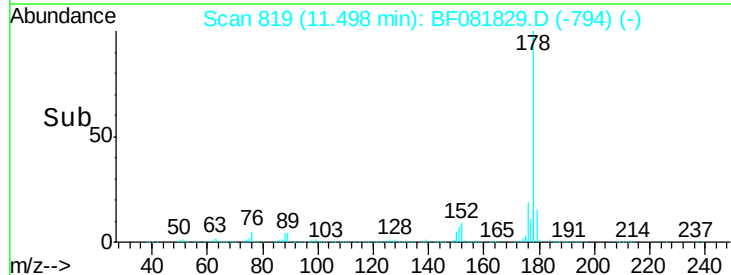
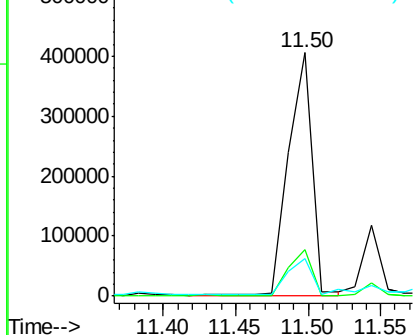


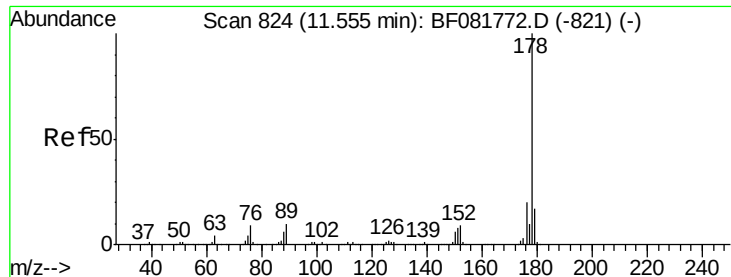
#70
Phenanthrene
Concen: 20.05 ng
RT: 11.50 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF081829.D
Acq: 26 Sep 2015 15:55

Tgt Ion:178 Resp: 451341
Ion Ratio Lower Upper
178 100
176 19.1 13.8 20.8
179 15.4 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

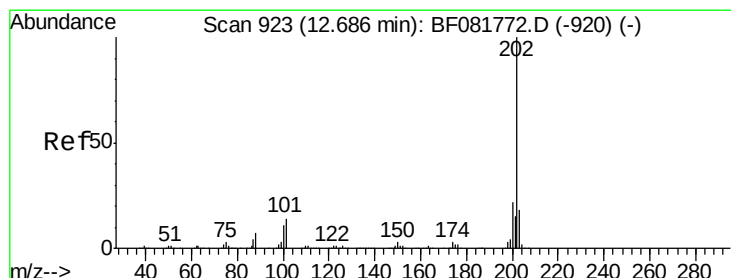
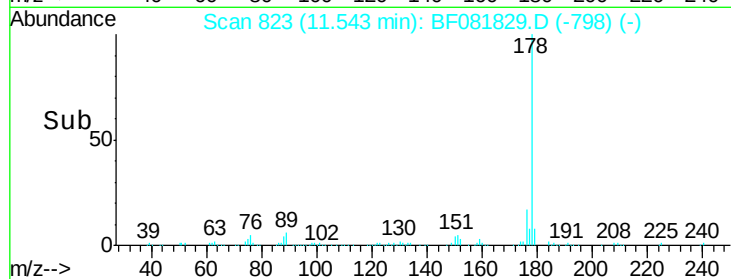
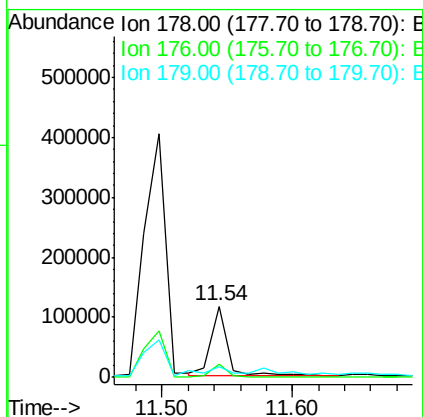
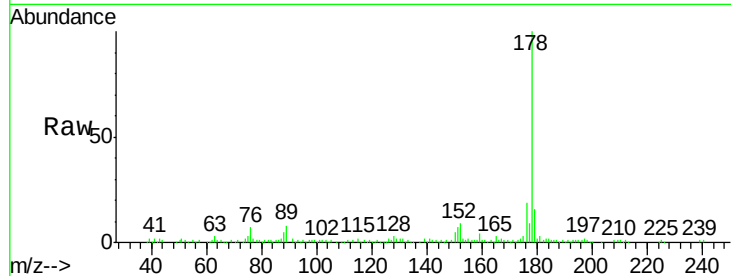




#71
 Anthracene
 Concen: 4.93 ng
 RT: 11.54 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BF081829.D
 Acq: 26 Sep 2015 15:55

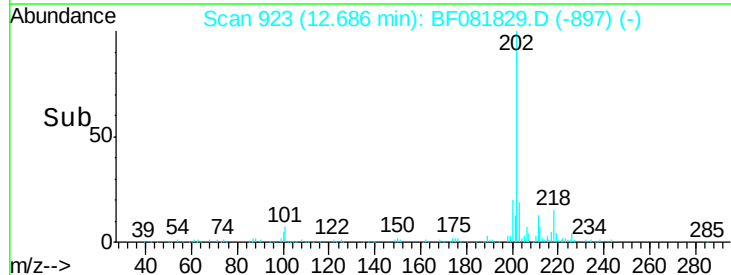
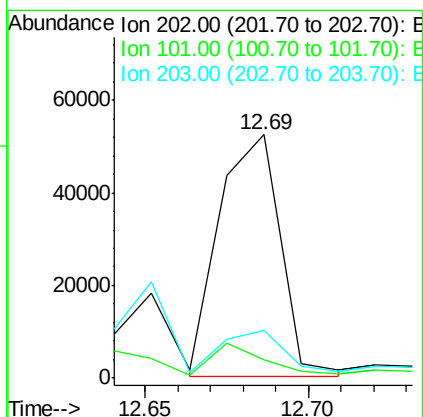
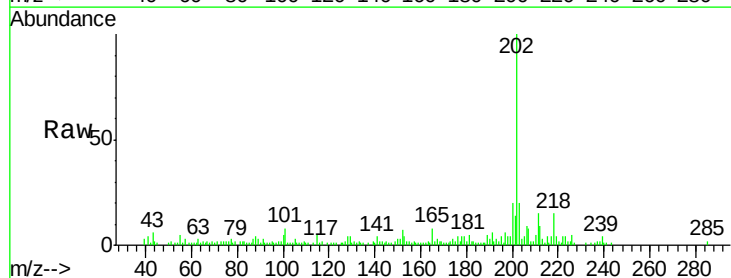
Instrument :
 BNA_F
 ClientSampleId :
 MW-11B

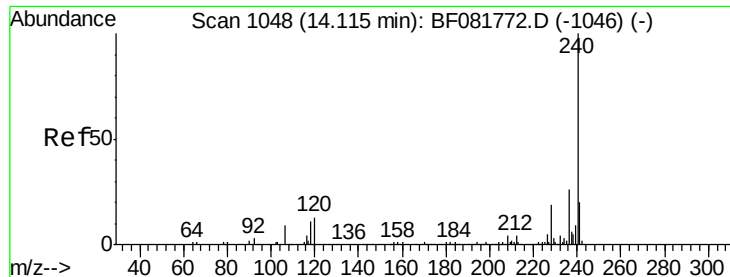
Tgt Ion:178 Resp: 106988
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.1 21.1
 179 15.5 12.2 18.2



#74
 Fluoranthene
 Concen: 3.01 ng m
 RT: 12.69 min Scan# 923
 Delta R.T. -0.00 min
 Lab File: BF081829.D
 Acq: 26 Sep 2015 15:55

Tgt Ion:202 Resp: 68227
 Ion Ratio Lower Upper
 202 100
 101 7.7 0.0 38.3
 203 19.9 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.10 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF081829.D

Acq: 26 Sep 2015 15:55

Instrument :

BNA_F

ClientSampleId :

MW-11B

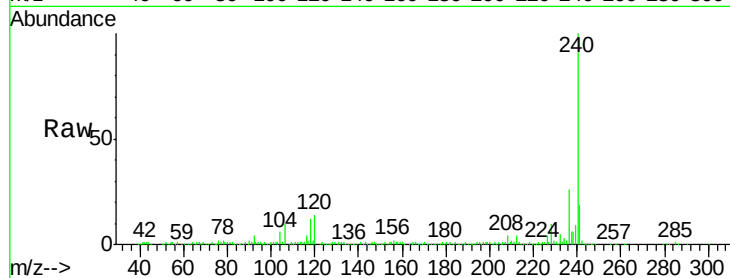
Tgt Ion:240 Resp: 307066

Ion Ratio Lower Upper

240 100

120 13.6 16.2 24.2#

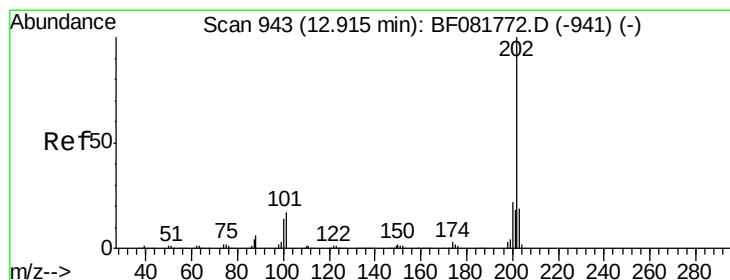
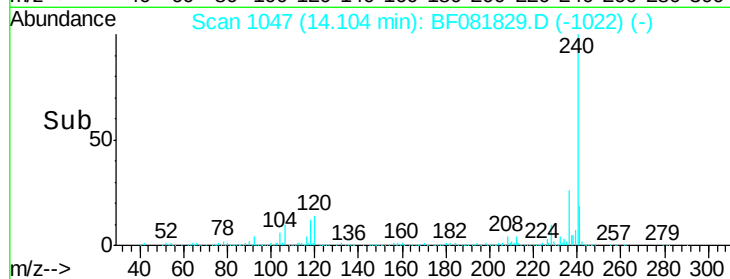
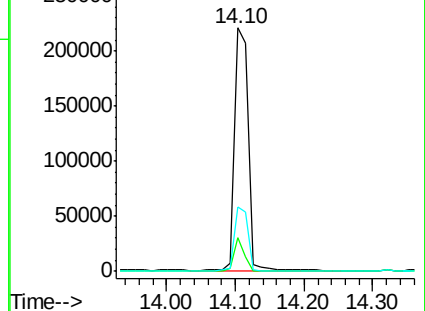
236 26.2 18.4 27.6



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



#77

Pyrene

Concen: 5.53 ng m

RT: 12.91 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF081829.D

Acq: 26 Sep 2015 15:55

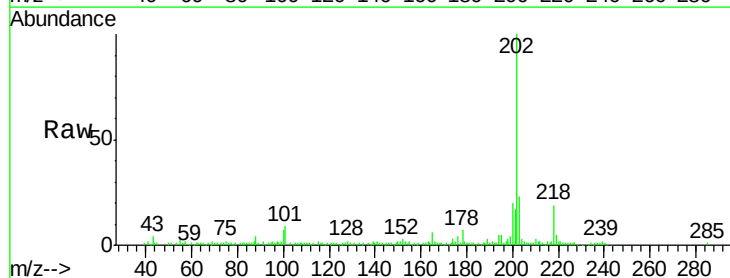
Tgt Ion:202 Resp: 127911

Ion Ratio Lower Upper

202 100

200 20.2 15.0 22.4

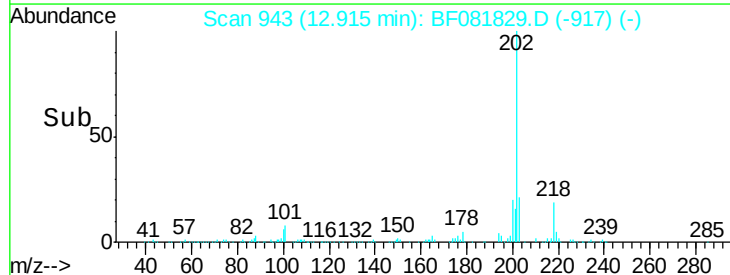
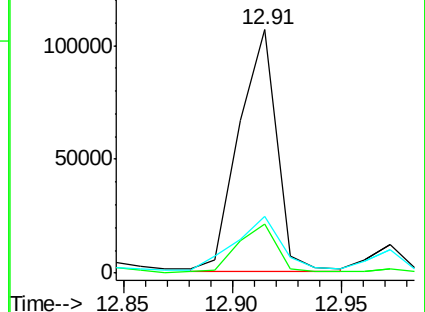
203 23.4 14.1 21.1#

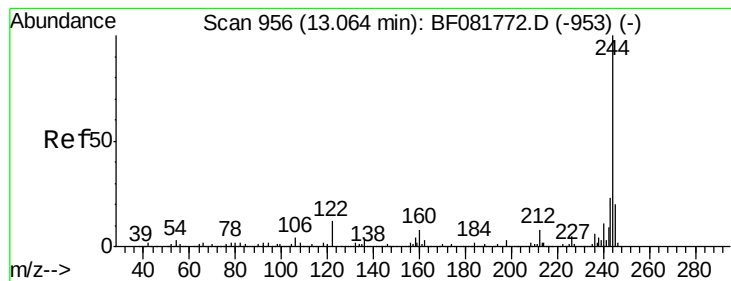


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 80.69 ng

RT: 13.06 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF081829.D

Acq: 26 Sep 2015 15:55

Instrument :

BNA_F

ClientSampleId :

MW-11B

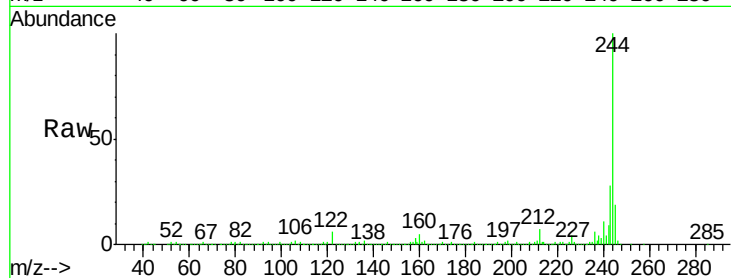
Tgt Ion:244 Resp: 1084645

Ion Ratio Lower Upper

244 100

212 6.9 4.3 6.5#

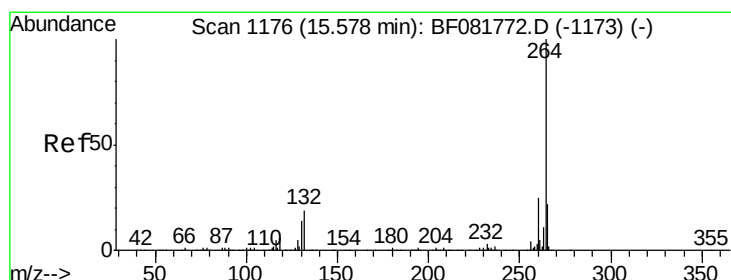
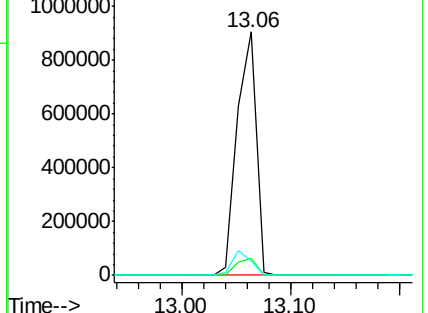
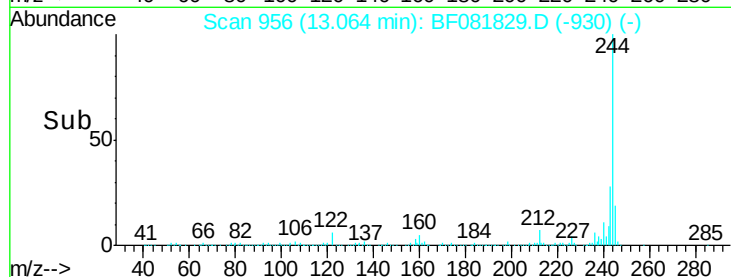
122 5.9 17.4 26.2#



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: BF081829.D

Acq: 26 Sep 2015 15:55

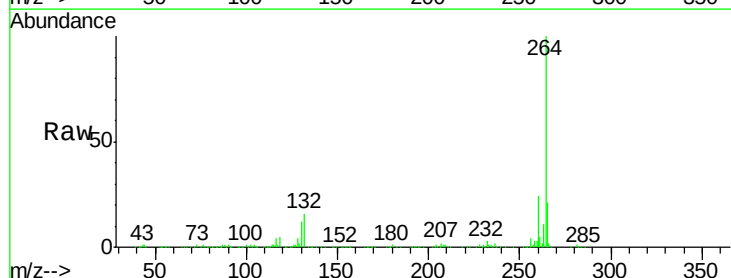
Tgt Ion:264 Resp: 286265

Ion Ratio Lower Upper

264 100

260 24.1 16.7 25.1

265 21.3 17.2 25.8



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

