

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060915\
 Data File : BF079836.D
 Acq On : 9 Jun 2015 17:16
 Operator : TP/IZ
 Sample : G2533-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Quant Time: Jun 10 01:20:58 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 10 01:06:15 2015
 Response via : Initial Calibration

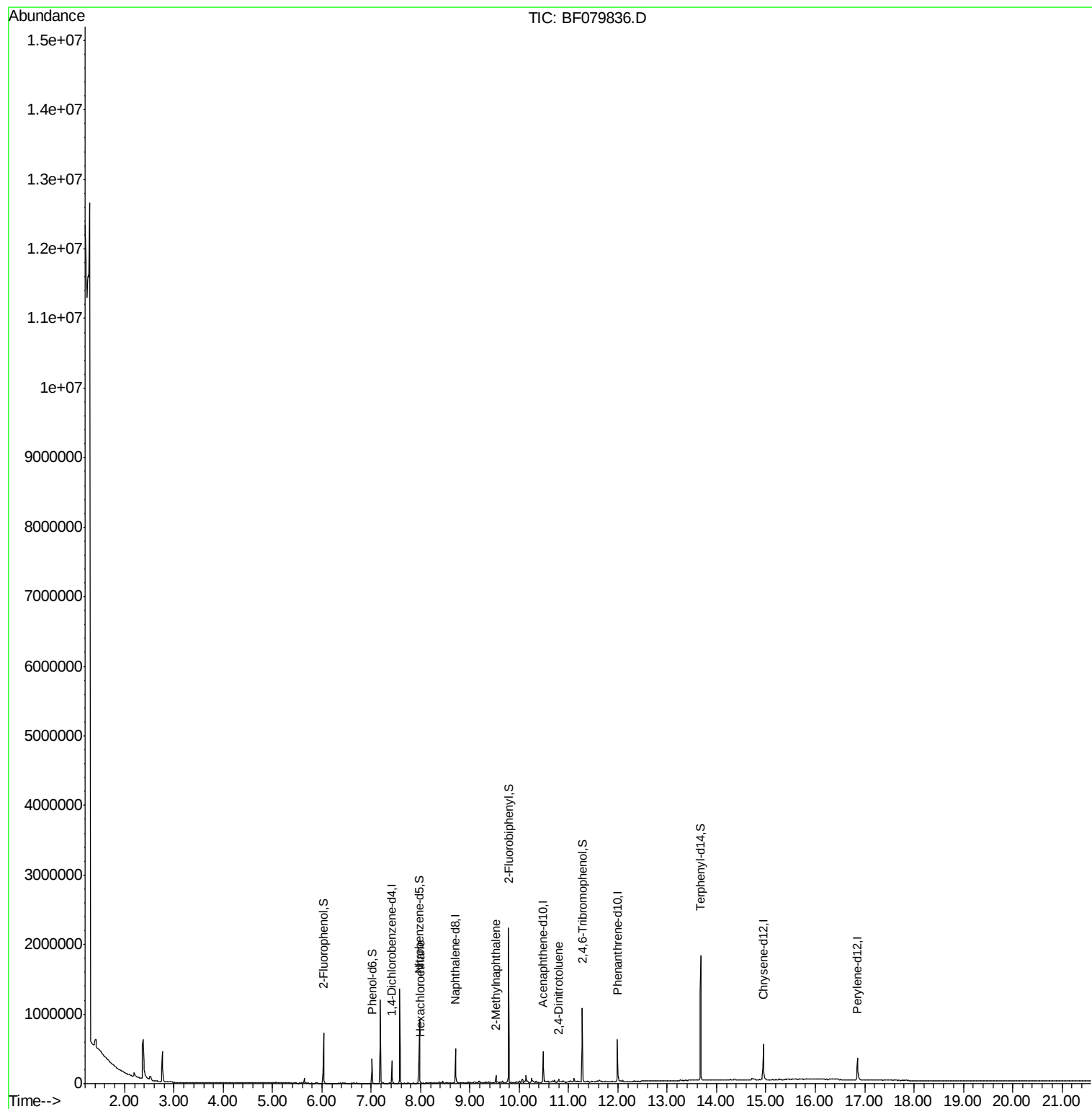
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	47067	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	194888	20.00	ng	0.00
38) Acenaphthene-d10	10.48	164	95824	20.00	ng	0.00
63) Phenanthrene-d10	11.99	188	202399	20.00	ng	0.00
75) Chrysene-d12	14.95	240	211911	20.00	ng	0.01
86) Perylene-d12	16.86	264	186371	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	174726	61.18	ng	0.00
7) Phenol-d6	7.02	99	132735	35.92	ng	0.00
23) Nitrobenzene-d5	7.98	82	295710	87.65	ng	0.00
41) 2,4,6-Tribromophenol	11.28	330	134882	162.65	ng	0.00
44) 2-Fluorobiphenyl	9.78	172	653875	95.97	ng	0.00
78) Terphenyl-d14	13.68	244	772041	82.13	ng	0.01
Target Compounds						Qvalue
18) Hexachloroethane	7.99	117	8060	6.21	ng	# 13
37) 2-Methylnaphthalene	9.53	142	23634	3.21	ng	96
56) 2,4-Dinitrotoluene	10.80	165	466	6.87	ng	# 23

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

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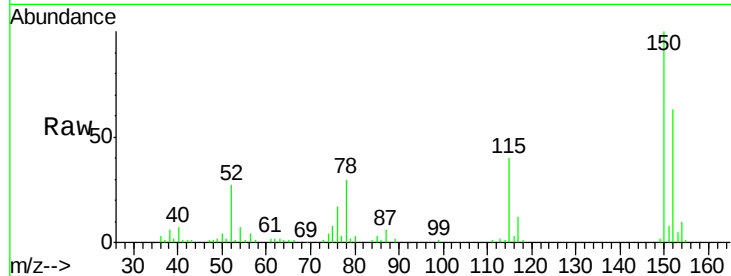


#1

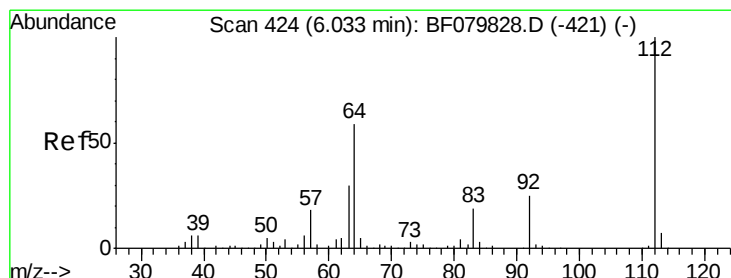
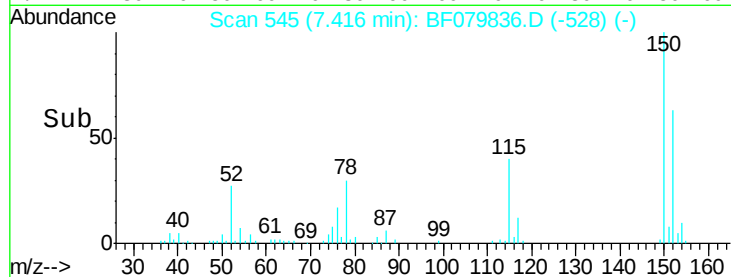
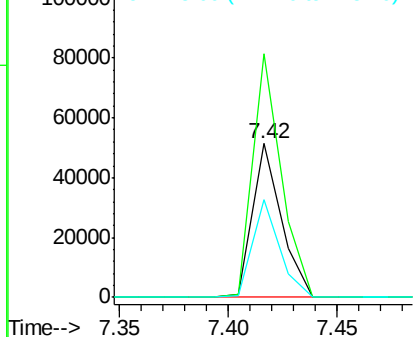
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.42 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF079836.D
Acq: 9 Jun 2015 17:16

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion:152 Resp: 47067
Ion Ratio Lower Upper
152 100
150 158.6 131.4 197.2
115 63.8 56.5 84.7



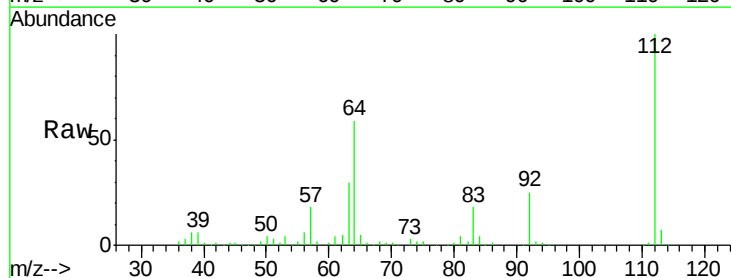
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



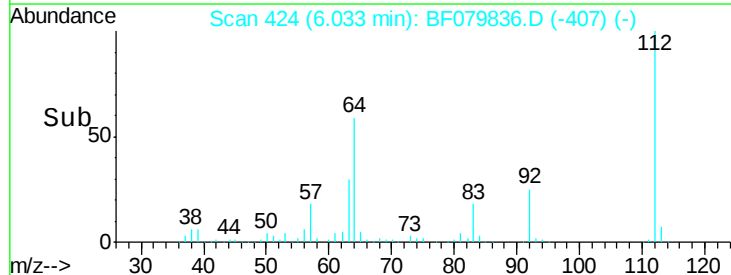
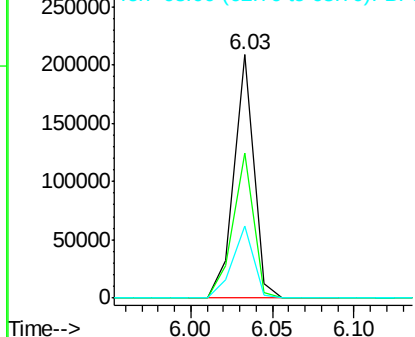
#5

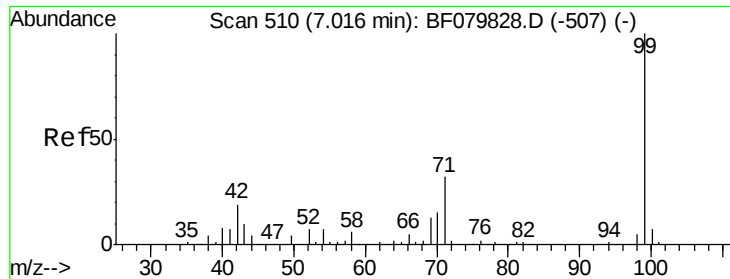
2-Fluorophenol
Concen: 61.18 ng
RT: 6.03 min Scan# 424
Delta R.T. 0.00 min
Lab File: BF079836.D
Acq: 9 Jun 2015 17:16

Tgt Ion:112 Resp: 174726
Ion Ratio Lower Upper
112 100
64 59.4 44.2 66.4
63 29.7 22.8 34.2



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: 35.92 ng

RT: 7.02 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF079836.D

Acq: 9 Jun 2015 17:16

Instrument :

BNA_F

ClientSampled :

MW-16

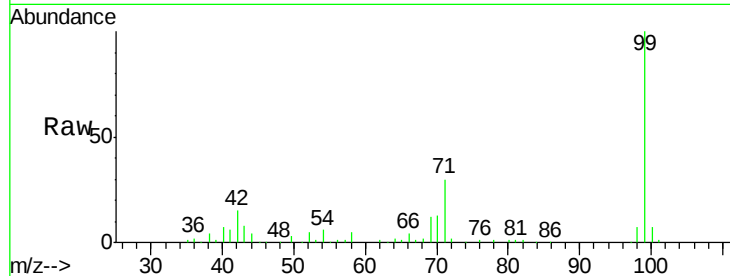
Tgt Ion: 99 Resp: 132735

Ion Ratio Lower Upper

99 100

42 15.5 13.7 20.5

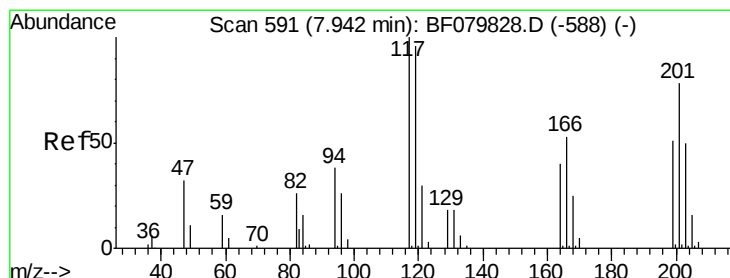
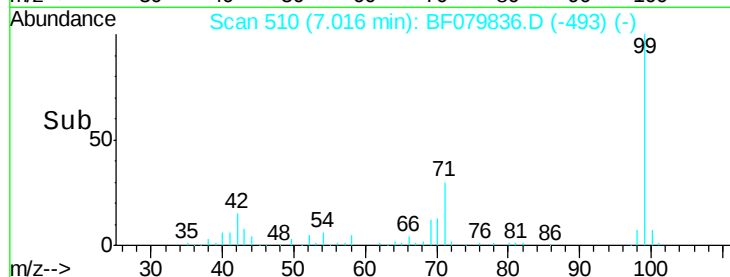
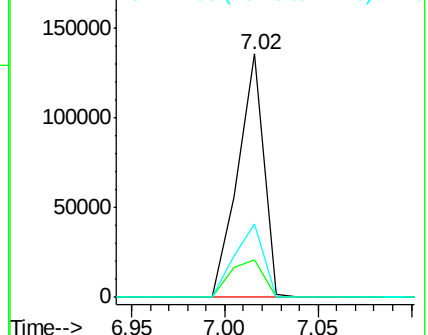
71 30.0 25.1 37.7



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



#18

Hexachloroethane

Concen: 6.21 ng

RT: 7.99 min Scan# 595

Delta R.T. 0.05 min

Lab File: BF079836.D

Acq: 9 Jun 2015 17:16

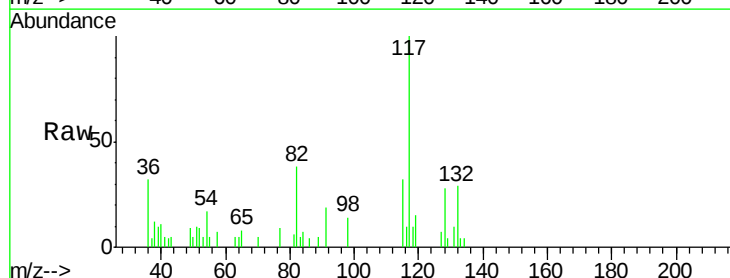
Tgt Ion: 117 Resp: 8060

Ion Ratio Lower Upper

117 100

119 15.1 76.6 114.8#

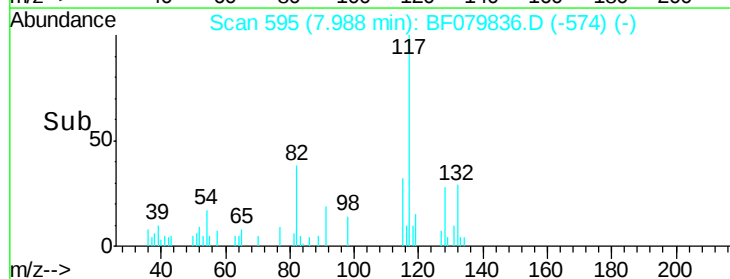
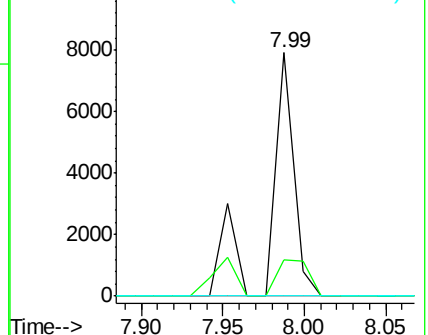
201 0.0 66.3 99.5#

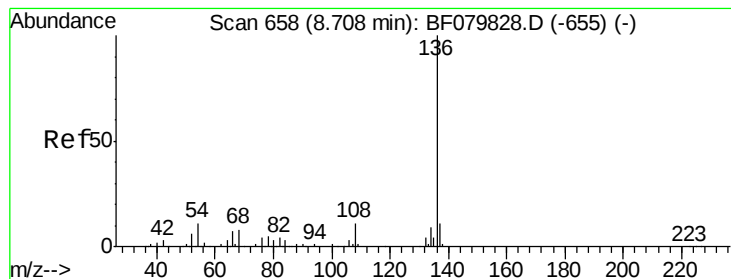


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.71 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF079836.D

Acq: 9 Jun 2015 17:16

Instrument :

BNA_F

ClientSampleId :

MW-16

Tgt Ion:136 Resp: 194888

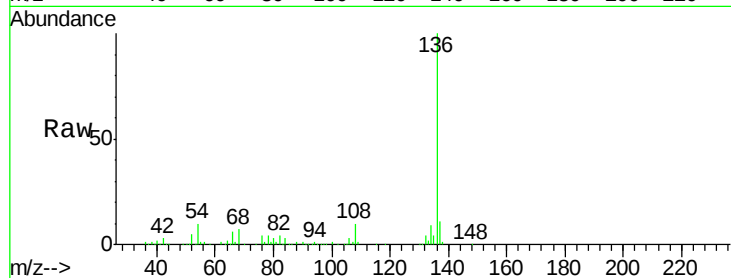
Ion Ratio Lower Upper

136 100

137 10.9 9.3 13.9

54 9.7 8.1 12.1

68 6.9 4.8 7.2

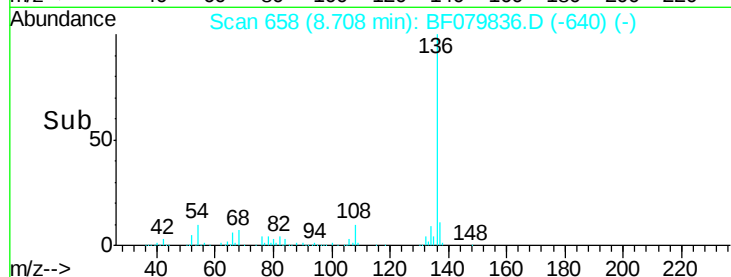


Abundance Ion 136.00 (135.70 to 136.70): E

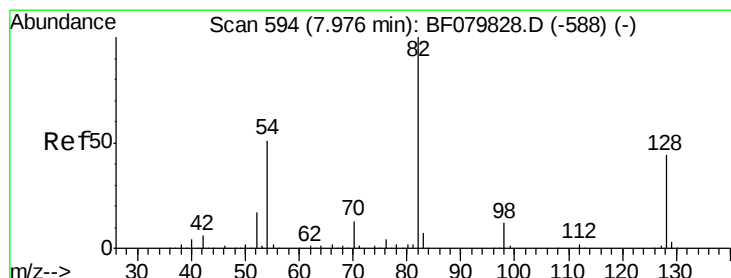
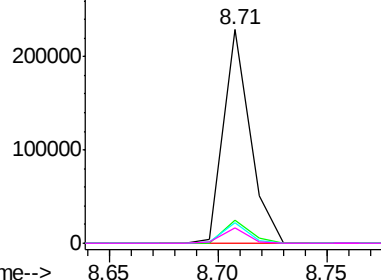
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 87.65 ng

RT: 7.98 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF079836.D

Acq: 9 Jun 2015 17:16

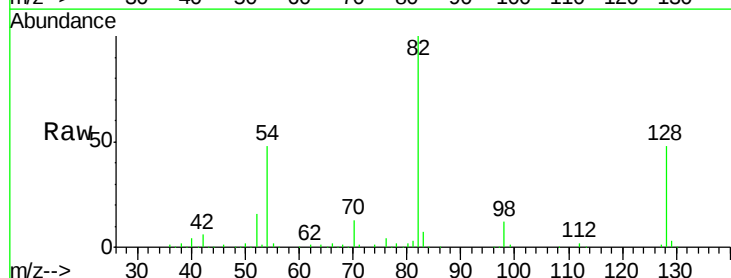
Tgt Ion: 82 Resp: 295710

Ion Ratio Lower Upper

82 100

128 47.8 35.2 52.8

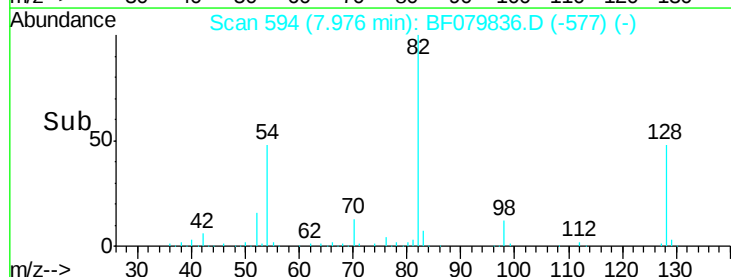
54 48.1 39.2 58.8



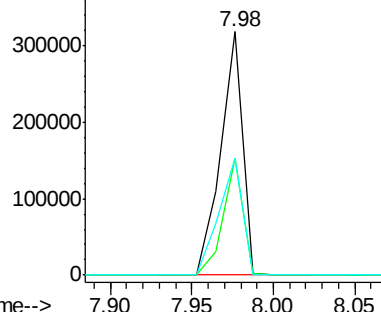
Abundance Ion 82.00 (81.70 to 82.70): BF0

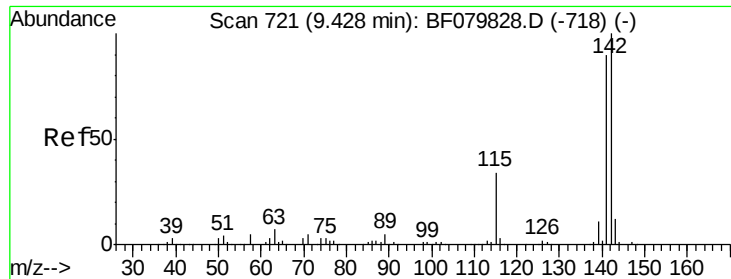
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

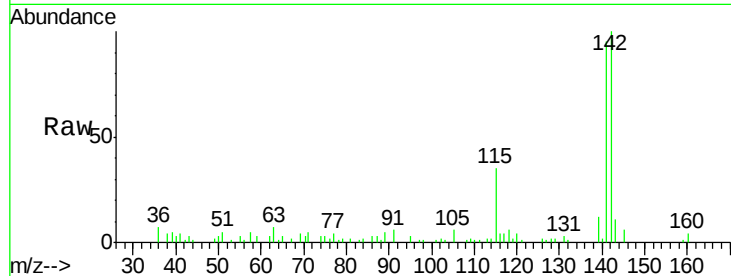




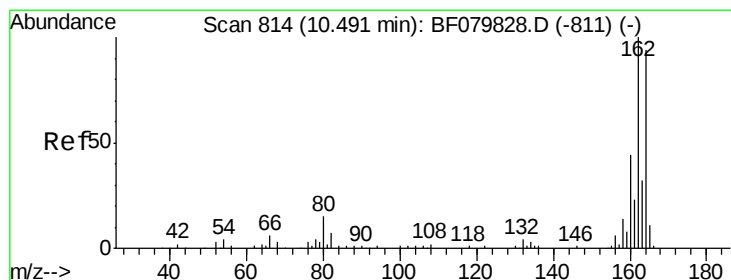
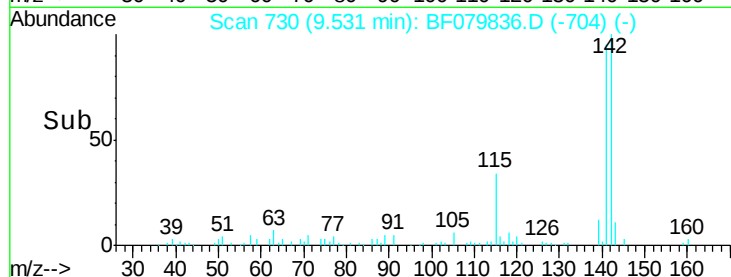
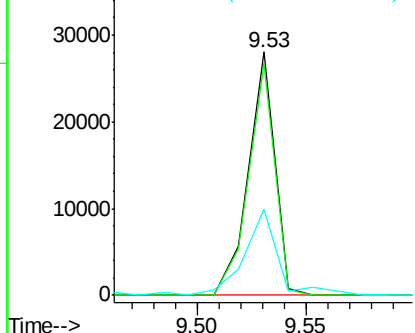
#37
 2-Methylnaphthalene
 Concen: 3.21 ng
 RT: 9.53 min Scan# 730
 Delta R.T. 0.10 min
 Lab File: BF079836.D
 Acq: 9 Jun 2015 17:16

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Tgt Ion:142 Resp: 23634
 Ion Ratio Lower Upper
 142 100
 141 95.1 72.5 108.7
 115 35.2 27.3 40.9

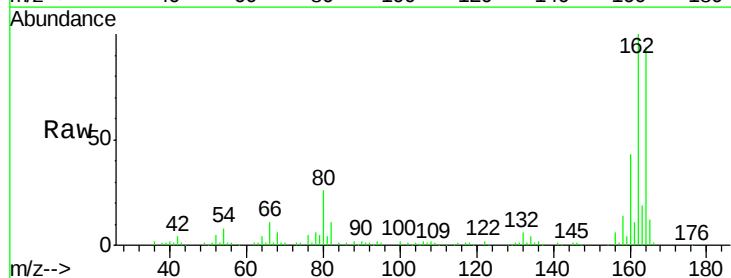


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

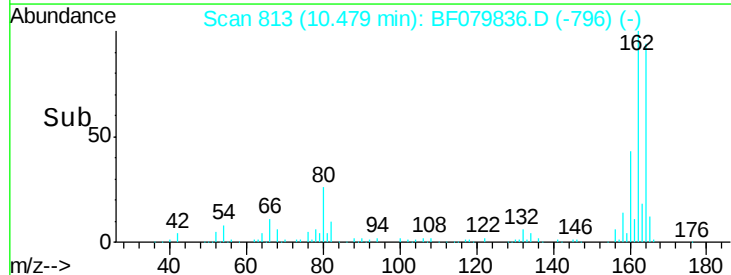
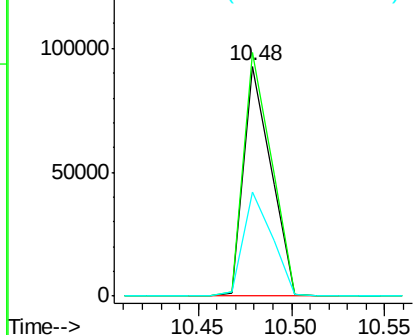


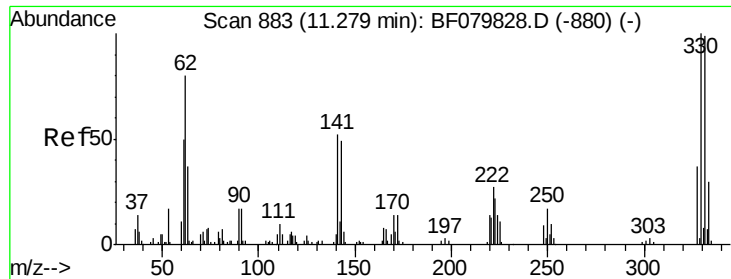
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.48 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF079836.D
 Acq: 9 Jun 2015 17:16

Tgt Ion:164 Resp: 95824
 Ion Ratio Lower Upper
 164 100
 162 106.0 89.8 134.8
 160 45.4 39.6 59.4



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

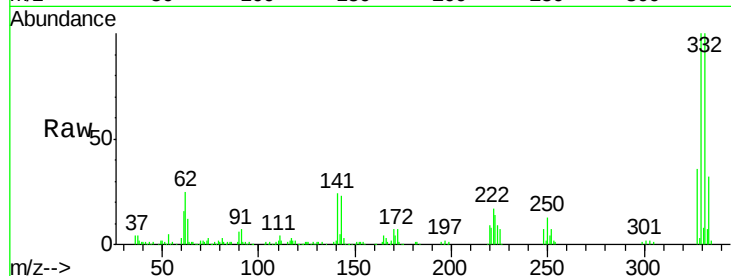




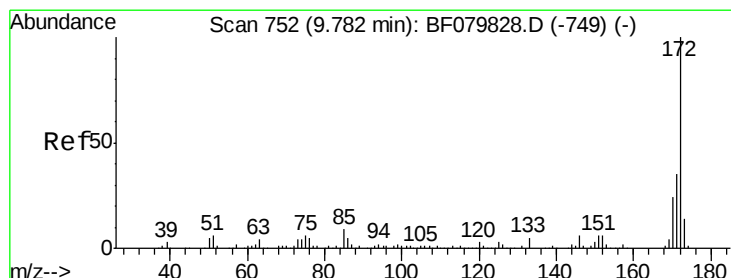
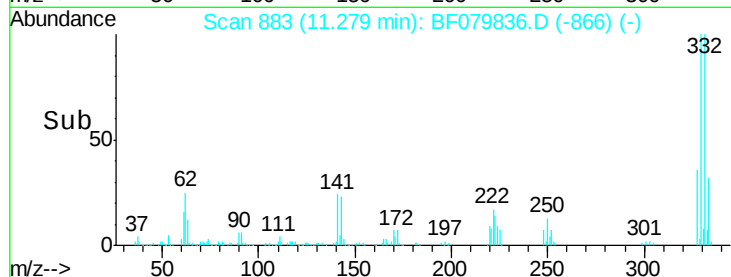
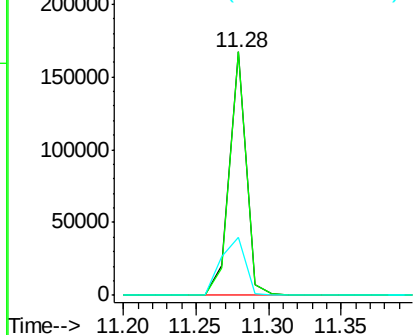
#41
 2,4,6-Tribromophenol
 Concen: 162.65 ng
 RT: 11.28 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF079836.D
 Acq: 9 Jun 2015 17:16

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Tgt Ion:330 Resp: 134882
 Ion Ratio Lower Upper
 330 100
 332 99.1 76.8 115.2
 141 35.4 29.1 43.7

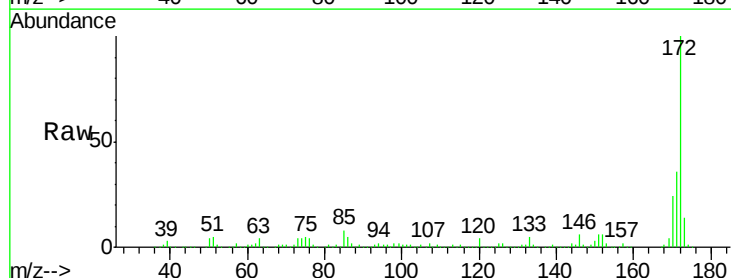


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

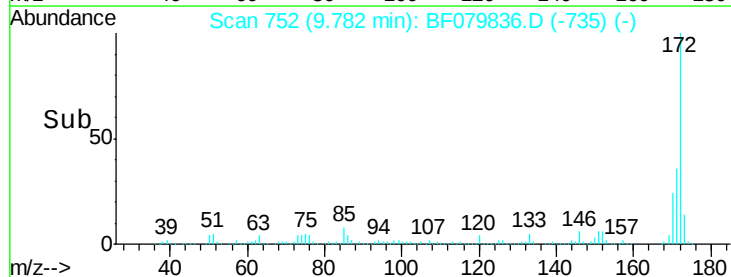
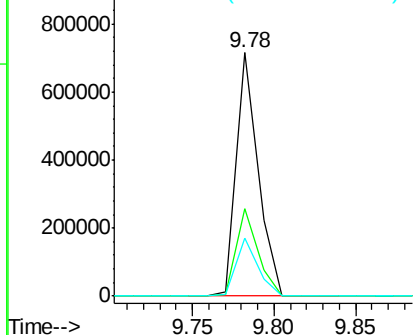


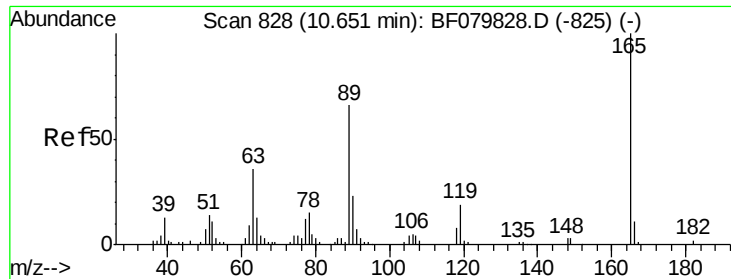
#44
 2-Fluorobiphenyl
 Concen: 95.97 ng
 RT: 9.78 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF079836.D
 Acq: 9 Jun 2015 17:16

Tgt Ion:172 Resp: 653875
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.5 42.7
 170 23.9 18.8 28.2



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

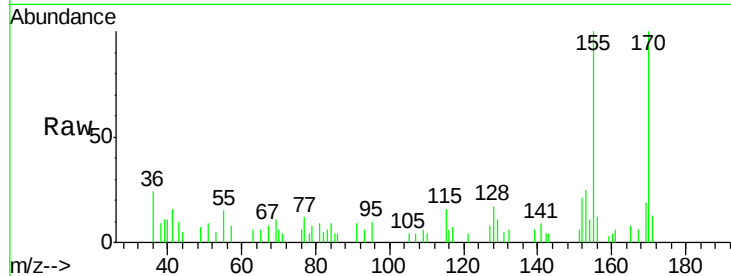




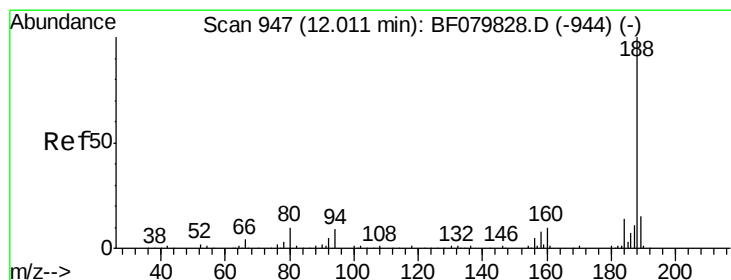
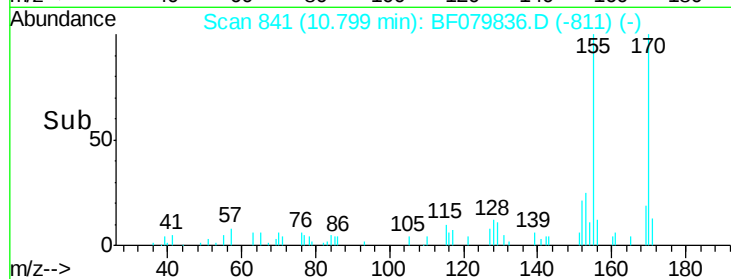
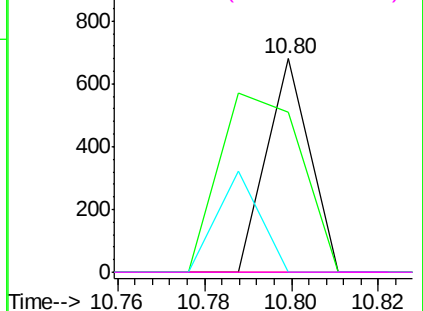
#56
2,4-Dinitrotoluene
Concen: 6.87 ng
RT: 10.80 min Scan# 841
Delta R.T. 0.15 min
Lab File: BF079836.D
Acq: 9 Jun 2015 17:16

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion:165 Resp: 466
Ion Ratio Lower Upper
165 100
63 75.0 24.4 36.6#
89 0.0 45.3 67.9#
182 0.0 2.0 3.0#

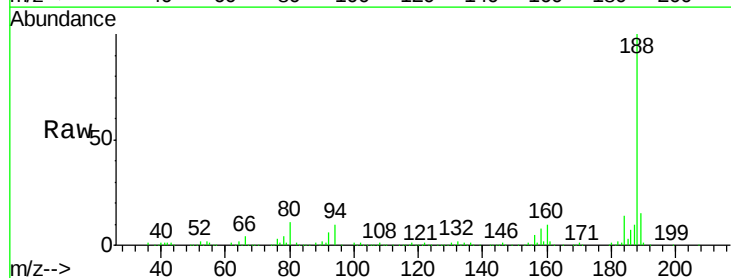


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

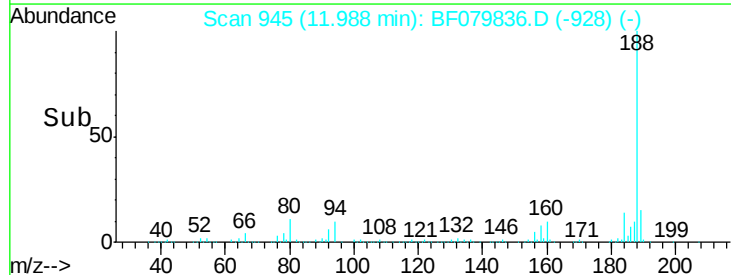
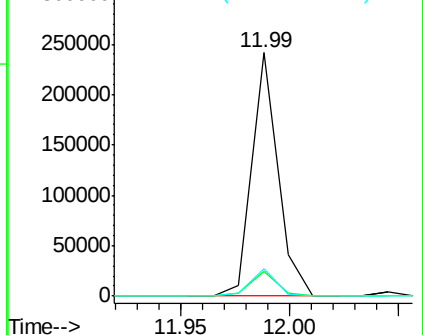


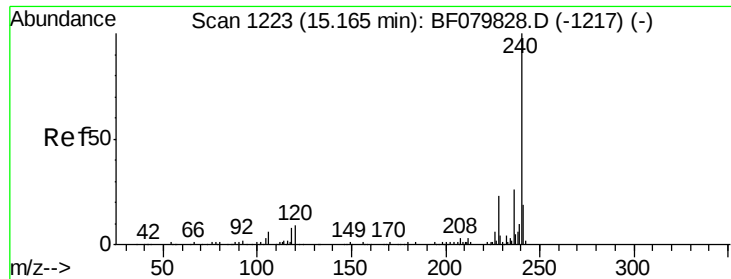
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.99 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF079836.D
Acq: 9 Jun 2015 17:16

Tgt Ion:188 Resp: 202399
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.0
80 11.3 8.0 12.0



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.95 min Scan# 1204

Delta R.T. 0.01 min

Lab File: BF079836.D

Acq: 9 Jun 2015 17:16

Instrument :

BNA_F

ClientSampleId :

MW-16

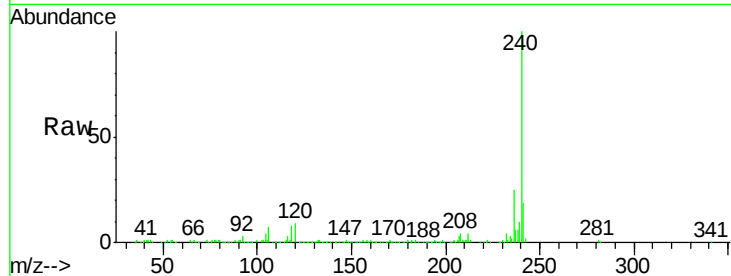
Tgt Ion:240 Resp: 211911

Ion Ratio Lower Upper

240 100

120 9.2 6.6 9.8

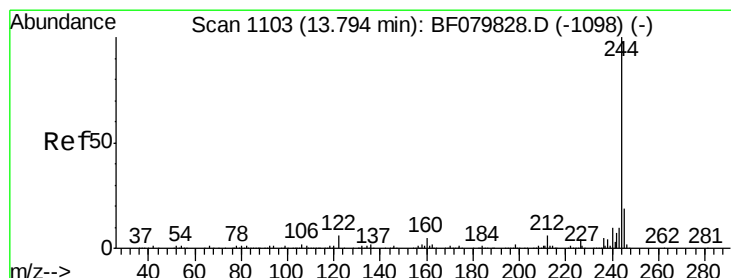
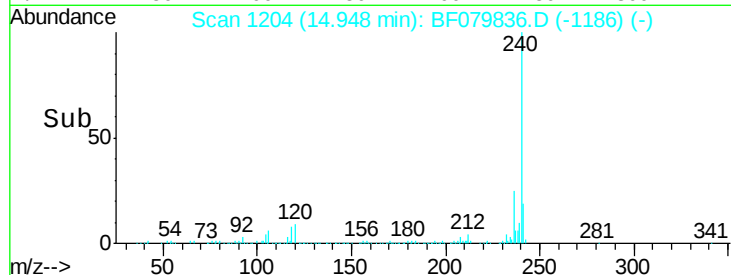
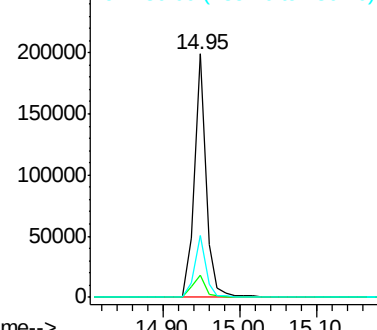
236 25.3 20.2 30.4



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: 82.13 ng

RT: 13.68 min Scan# 1093

Delta R.T. 0.01 min

Lab File: BF079836.D

Acq: 9 Jun 2015 17:16

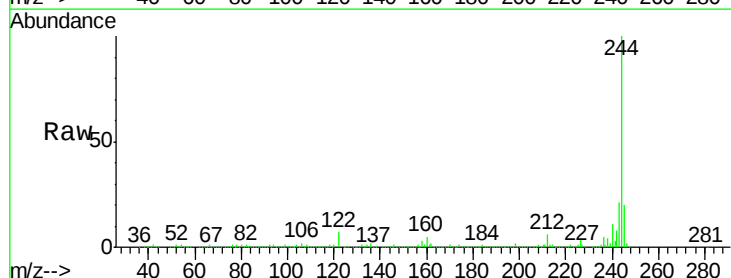
Tgt Ion:244 Resp: 772041

Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

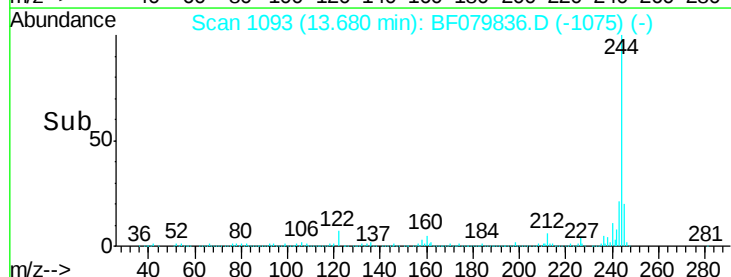
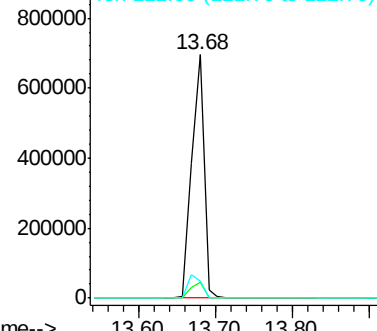
122 6.9 8.2 12.2#

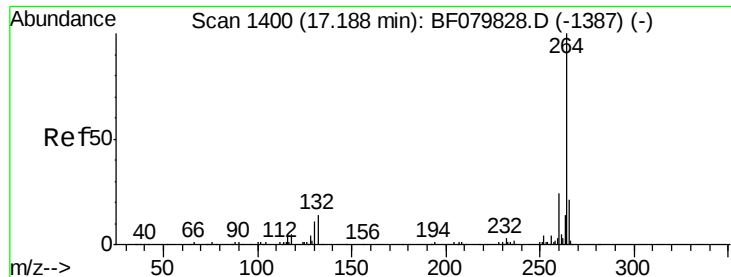


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.86 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BF079836.D
Acq: 9 Jun 2015 17:16

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion: 264 Resp: 186371
Ion Ratio Lower Upper
264 100
260 23.2 19.5 29.3
265 20.7 18.0 27.0

