

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
 Data File : BF079136.D
 Acq On : 12 May 2015 2:51
 Operator : TP/IZ
 Sample : G2146-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JMW-1A

Quant Time: May 12 05:42:26 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 05:22:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	47948	20.00	ng	0.00
21) Naphthalene-d8	8.87	136	201177	20.00	ng	-0.01
38) Acenaphthene-d10	11.05	164	107932	20.00	ng	0.00
63) Phenanthrene-d10	12.89	188	217159	20.00	ng	0.00
75) Chrysene-d12	16.18	240	240192	20.00	ng	-0.01
86) Perylene-d12	17.89	264	257080	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	142247	51.07	ng	0.00
7) Phenol-d6	6.86	99	117658	31.96	ng	0.00
23) Nitrobenzene-d5	7.99	82	294444	84.12	ng	0.00
41) 2,4,6-Tribromophenol	12.03	330	169079	144.81	ng	0.00
44) 2-Fluorobiphenyl	10.22	172	619667	79.99	ng	0.00
78) Terphenyl-d14	14.89	244	895912	89.30	ng	0.00

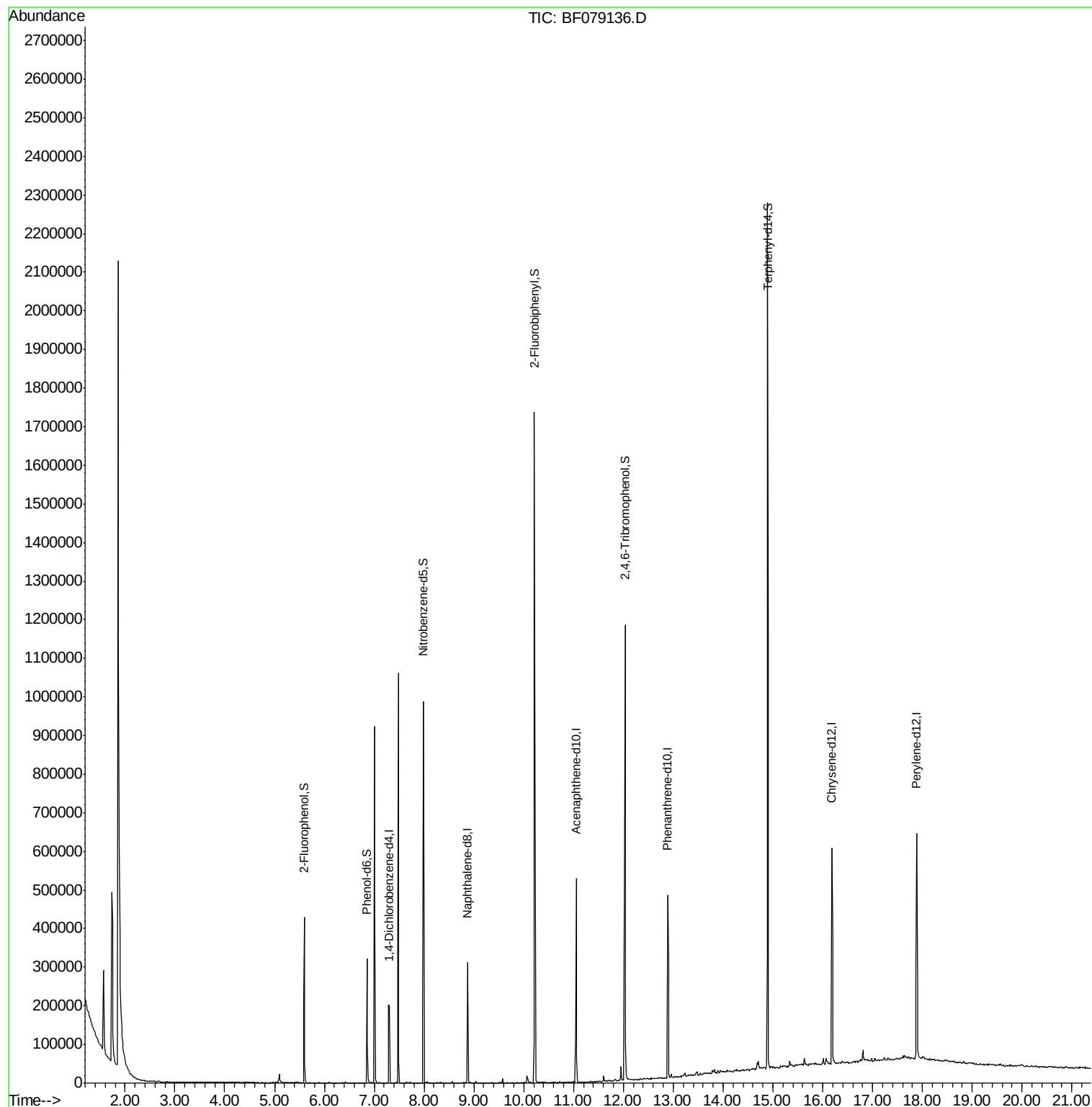
Target Compounds	Qvalue
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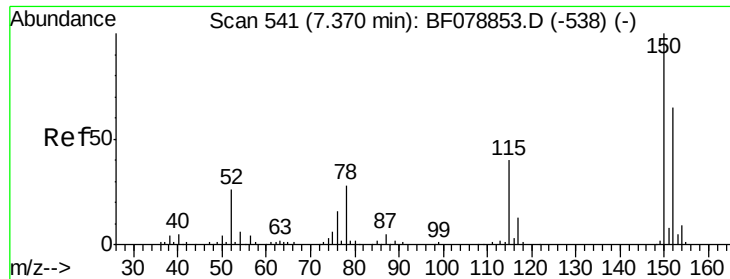
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.30 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF079136.D

Acq: 12 May 2015 2:51

Instrument :

BNA_F

ClientSampleId :

JMW-1A

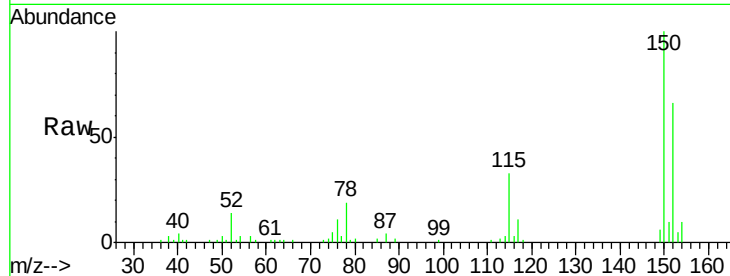
Tgt Ion:152 Resp: 47948

Ion Ratio Lower Upper

152 100

150 151.4 122.0 183.0

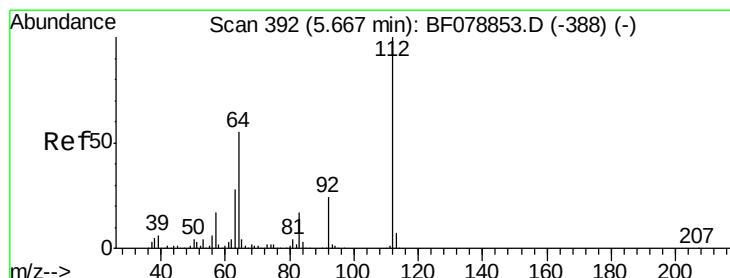
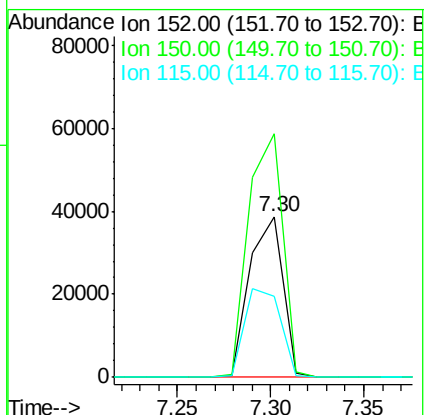
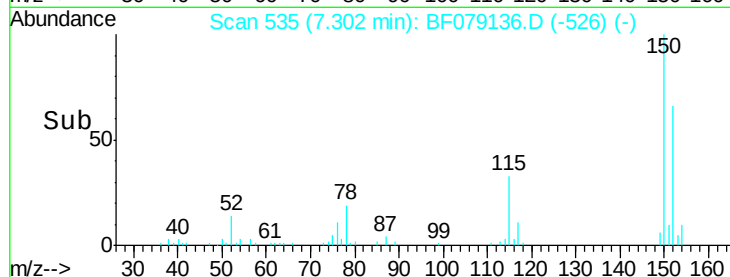
115 50.1 46.3 69.5



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: 51.07 ng

RT: 5.60 min Scan# 386

Delta R.T. 0.00 min

Lab File: BF079136.D

Acq: 12 May 2015 2:51

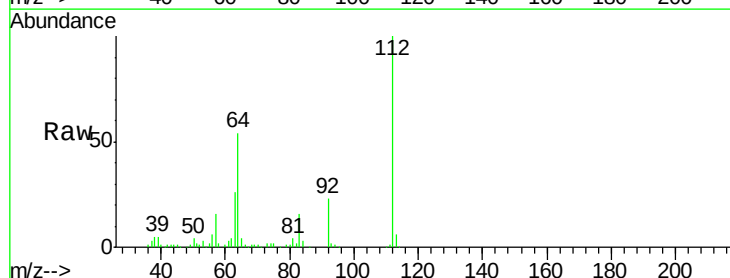
Tgt Ion:112 Resp: 142247

Ion Ratio Lower Upper

112 100

64 53.9 53.5 80.3

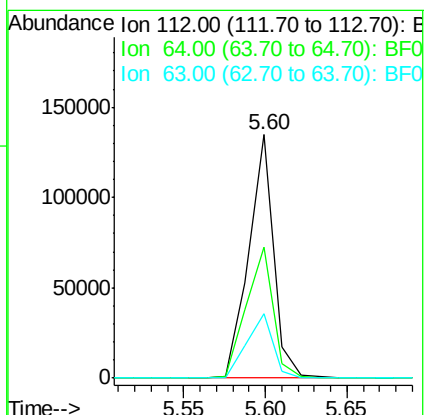
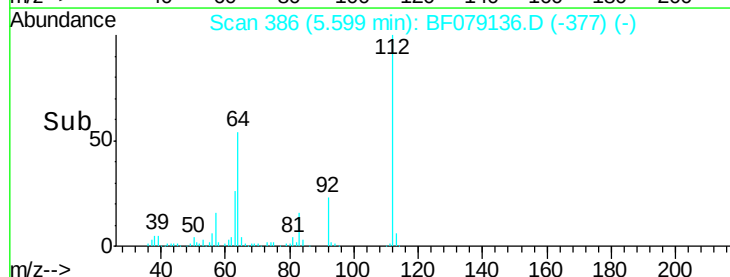
63 26.4 27.5 41.3#

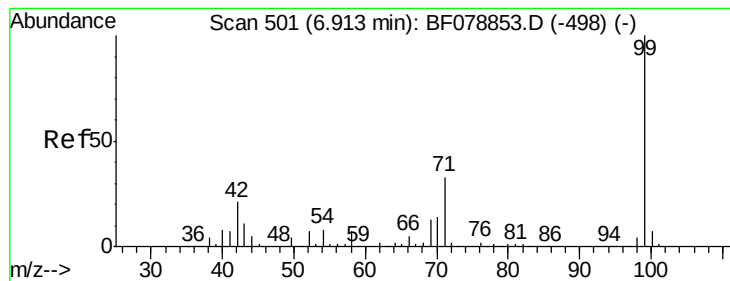


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 31.96 ng

RT: 6.86 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF079136.D

Acq: 12 May 2015 2:51

Instrument :

BNA_F

ClientSampleId :

JMW-1A

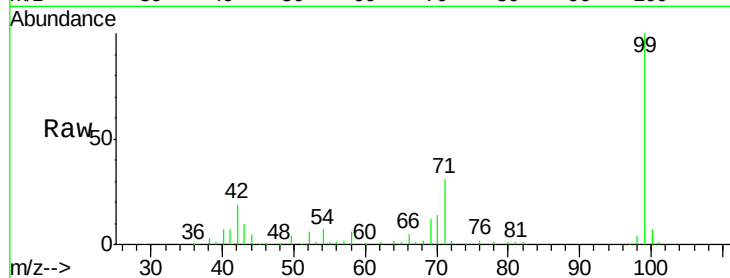
Tgt Ion: 99 Resp: 117658

Ion Ratio Lower Upper

99 100

42 18.7 12.8 19.2

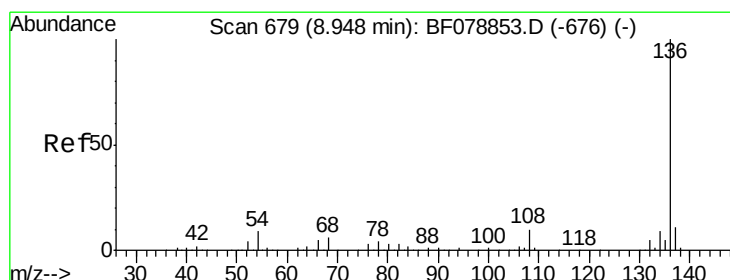
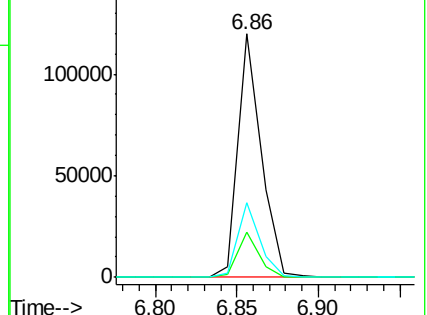
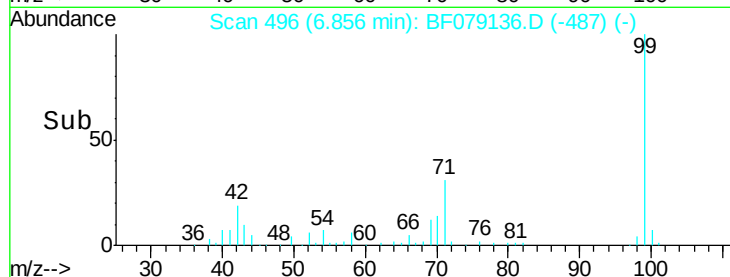
71 30.8 23.4 35.2



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: 8.87 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF079136.D

Acq: 12 May 2015 2:51

Tgt Ion: 136 Resp: 201177

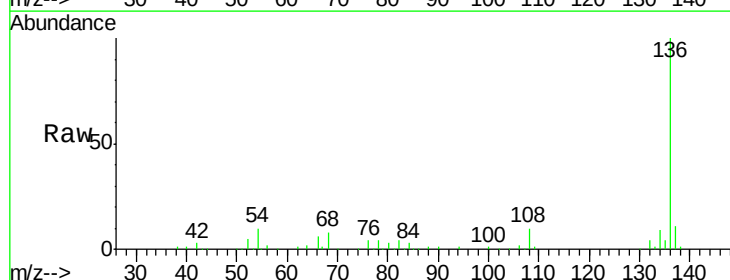
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 10.0 5.8 8.8#

68 8.2 4.2 6.4#

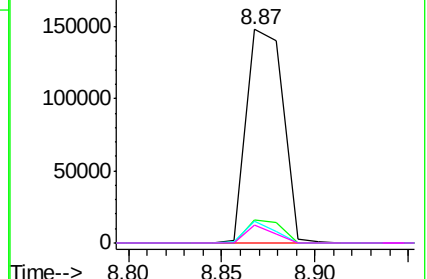
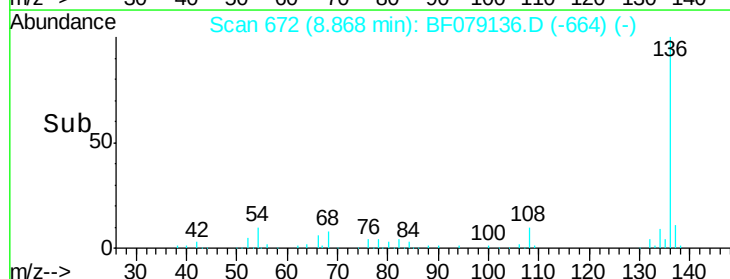


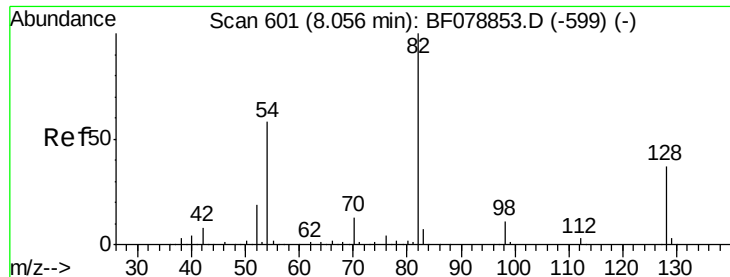
Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.12 ng

RT: 7.99 min Scan# 595

Delta R.T. 0.00 min

Lab File: BF079136.D

Acq: 12 May 2015 2:51

Instrument :

BNA_F

ClientSampleId :

JMW-1A

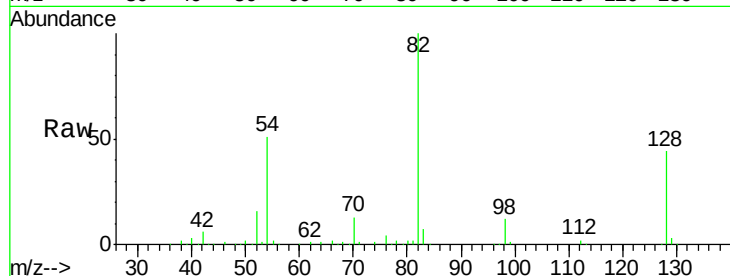
Tgt Ion: 82 Resp: 294444

Ion Ratio Lower Upper

82 100

128 43.8 30.0 45.0

54 50.6 46.4 69.6

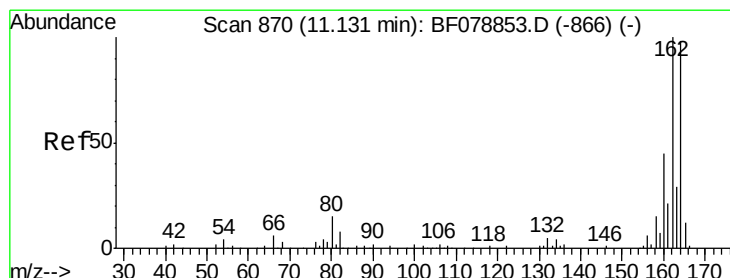
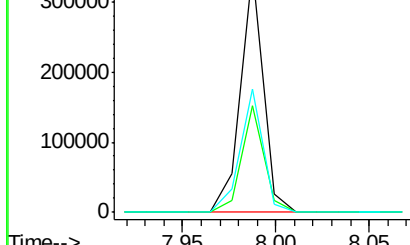
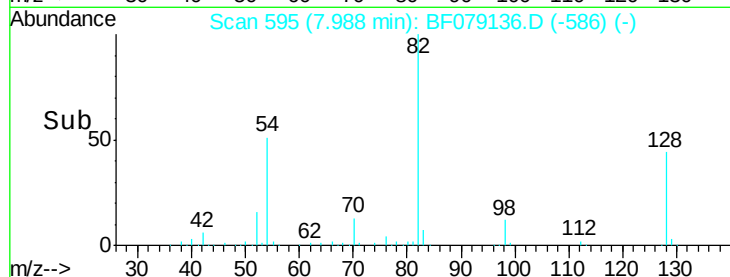


Abundance Ion 82.00 (81.70 to 82.70): BF078853.D (-599) (-)

Ion 128.00 (127.70 to 128.70): BF078853.D (-599) (-)

Ion 54.00 (53.70 to 54.70): BF078853.D (-599) (-)

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.05 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF079136.D

Acq: 12 May 2015 2:51

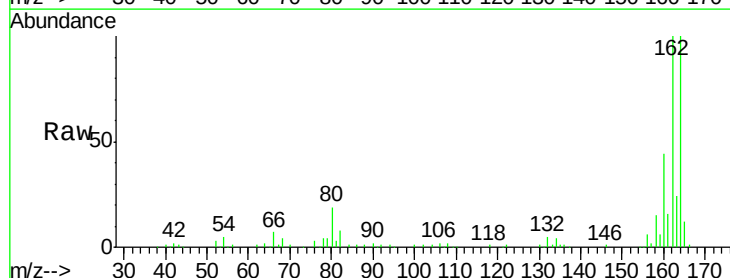
Tgt Ion: 164 Resp: 107932

Ion Ratio Lower Upper

164 100

162 100.4 82.7 124.1

160 44.2 35.8 53.8

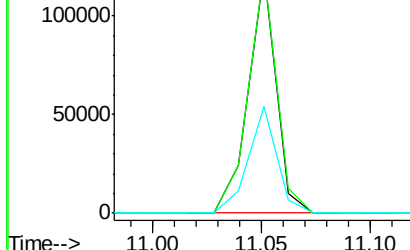
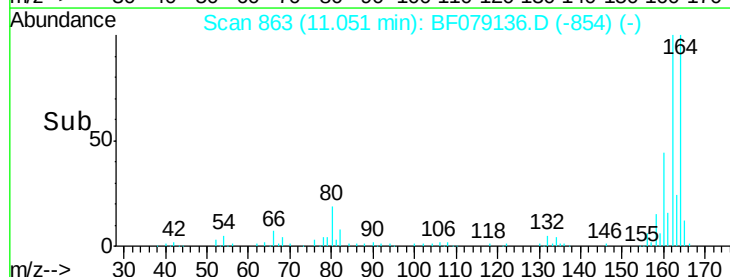


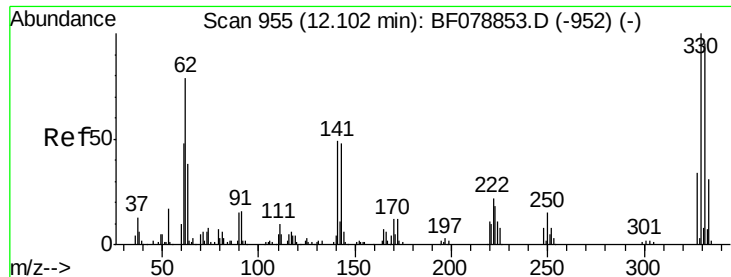
Abundance Ion 164.00 (163.70 to 164.70): BF078853.D (-866) (-)

Ion 162.00 (161.70 to 162.70): BF078853.D (-866) (-)

Ion 160.00 (159.70 to 160.70): BF078853.D (-866) (-)

Time-->





#41

2,4,6-Tribromophenol

Concen: 144.81 ng

RT: 12.03 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF079136.D

Acq: 12 May 2015 2:51

Instrument :

BNA_F

ClientSampled :

JMW-1A

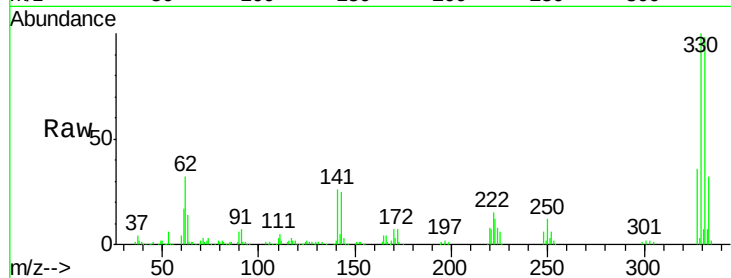
Tgt Ion:330 Resp: 169079

Ion Ratio Lower Upper

330 100

332 97.3 0.0 0.0#

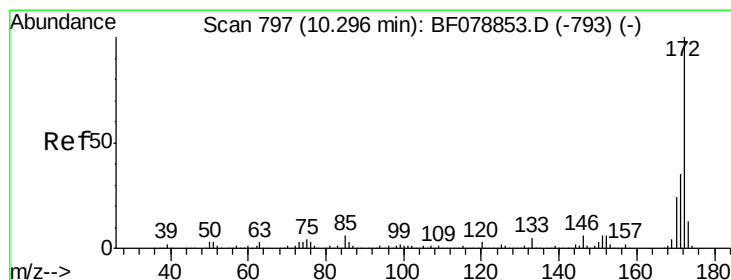
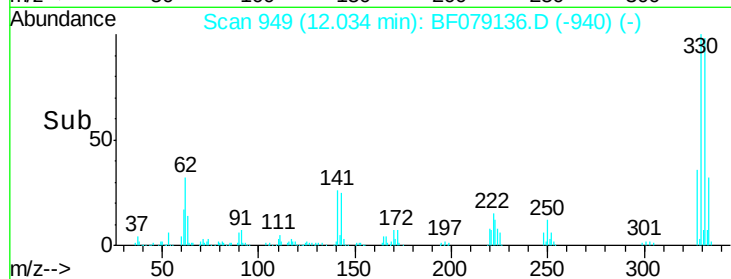
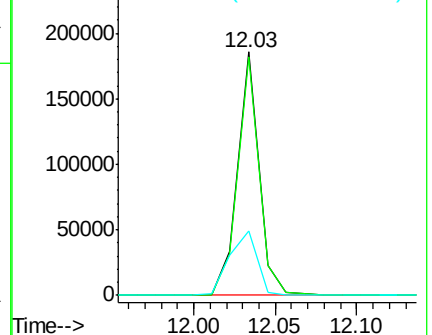
141 33.7 0.0 0.0#



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: 79.99 ng

RT: 10.22 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF079136.D

Acq: 12 May 2015 2:51

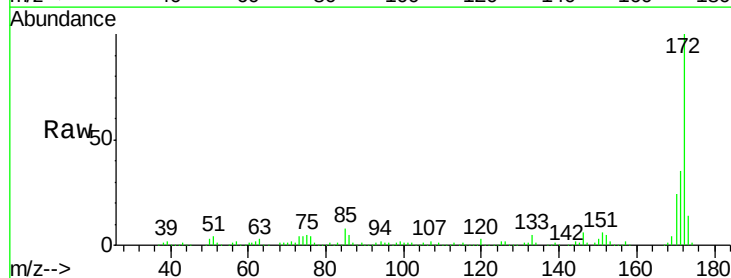
Tgt Ion:172 Resp: 619667

Ion Ratio Lower Upper

172 100

171 35.0 27.9 41.9

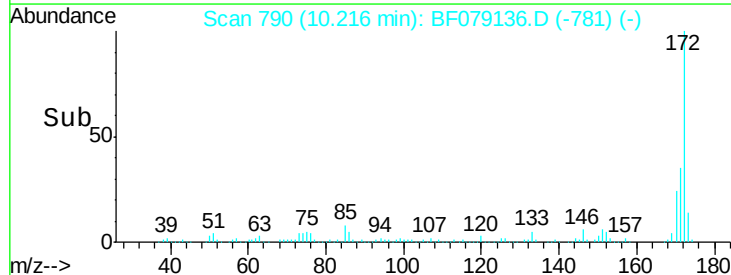
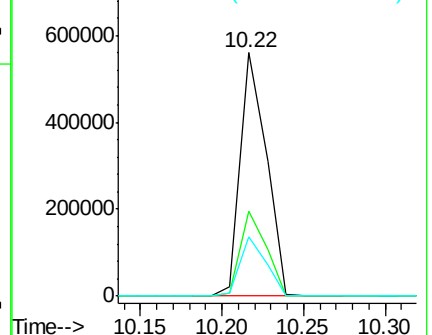
170 24.2 19.4 29.0

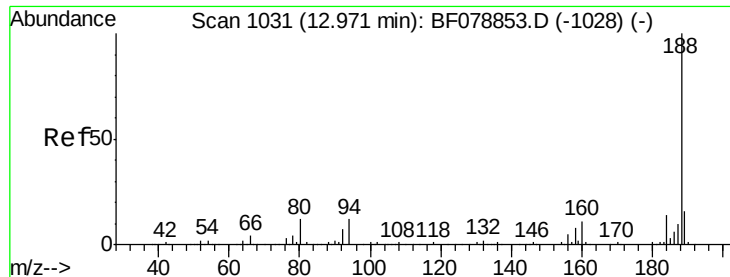


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

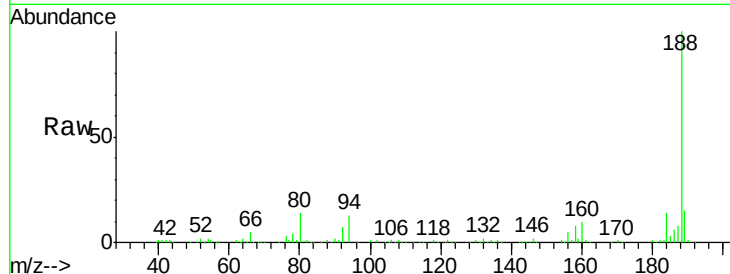




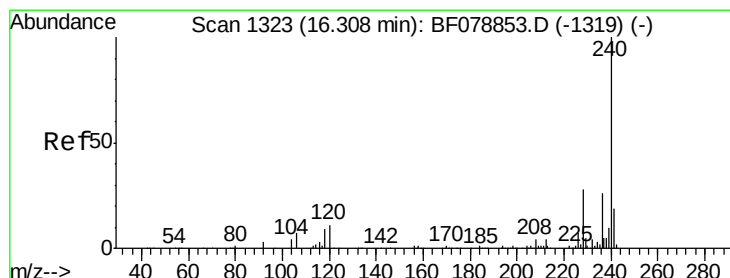
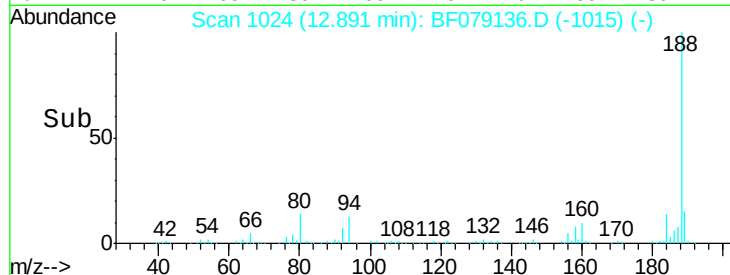
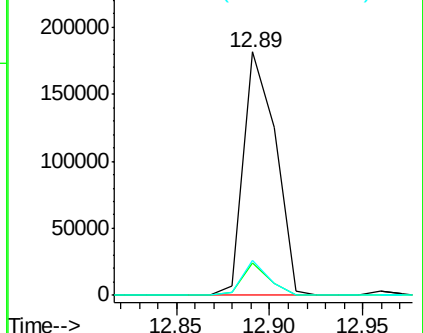
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.89 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF079136.D
Acq: 12 May 2015 2:51

Instrument :
BNA_F
ClientSampleId :
JMW-1A

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	217159		
94	13.2		8.2	12.2#
80	14.4		8.9	13.3#

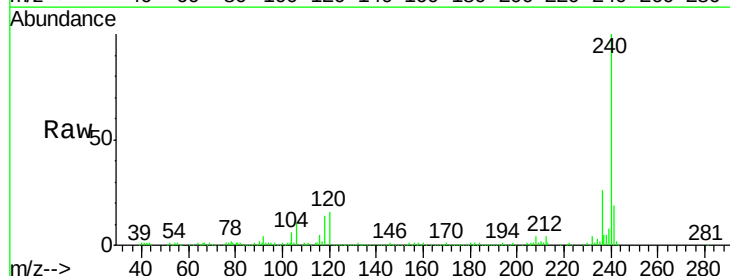


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

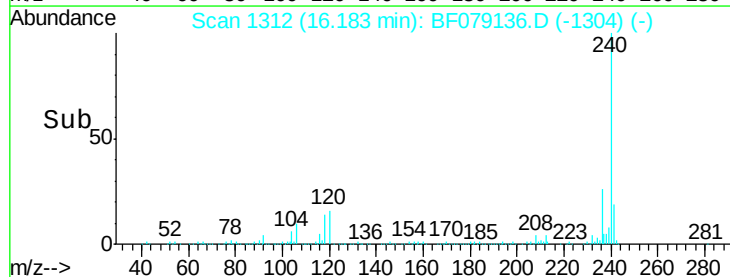
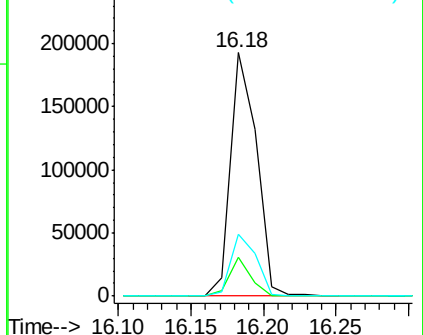


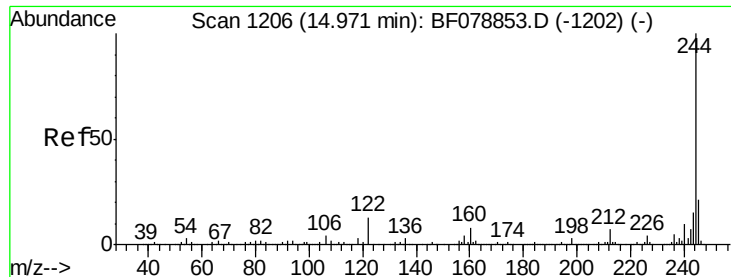
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.18 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF079136.D
Acq: 12 May 2015 2:51

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	240192		
120	15.7		9.7	14.5#
236	25.5		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: 89.30 ng

RT: 14.89 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BF079136.D

Acq: 12 May 2015 2:51

Instrument :

BNA_F

ClientSampleId :

JMW-1A

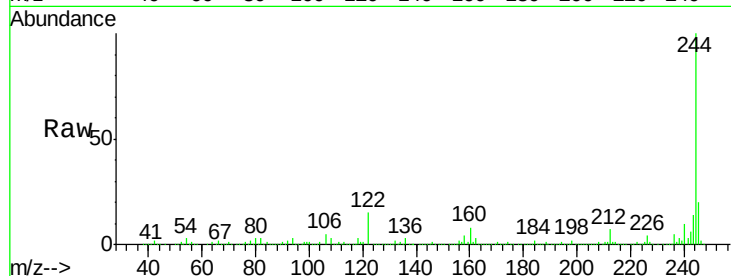
Tgt Ion:244 Resp: 895912

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

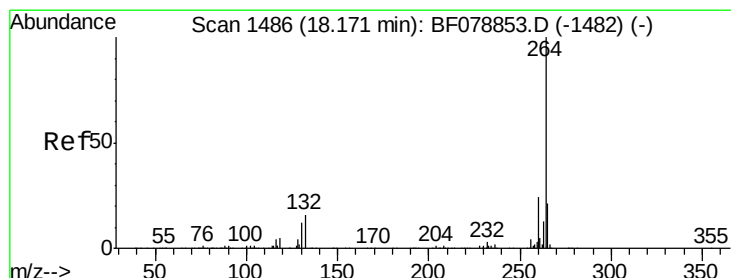
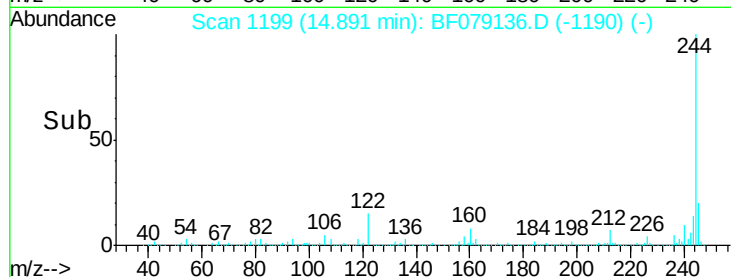
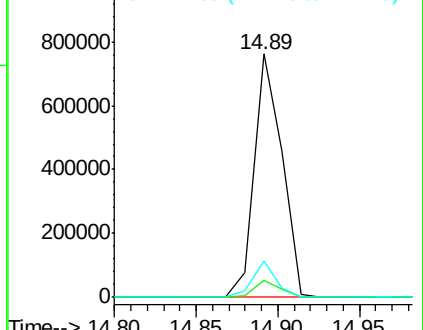
122 14.8 10.3 15.5



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: 17.89 min Scan# 1461

Delta R.T. -0.08 min

Lab File: BF079136.D

Acq: 12 May 2015 2:51

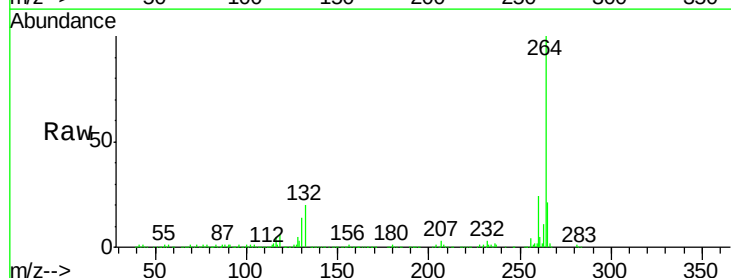
Tgt Ion:264 Resp: 257080

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 21.3 18.3 27.5



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

