

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060615\
 Data File : BF079776.D
 Acq On : 6 Jun 2015 18:41
 Operator : TP/IZ
 Sample : G2511-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Quant Time: Jun 08 18:59:44 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 08 18:33:51 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	54590	20.00	ng	-0.01
21) Naphthalene-d8	8.76	136	230537	20.00	ng	-0.01
38) Acenaphthene-d10	10.55	164	132199	20.00	ng	0.00
63) Phenanthrene-d10	12.06	188	223366	20.00	ng	0.00
75) Chrysene-d12	14.91	240	230551	20.00	ng	0.01
86) Perylene-d12	16.80	264	208807	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	107631	33.05	ng	0.00
7) Phenol-d6	7.06	99	73330	17.43	ng	-0.01
23) Nitrobenzene-d5	8.03	82	164320	43.76	ng	0.00
41) 2,4,6-Tribromophenol	11.34	330	77867	61.58	ng	-0.01
44) 2-Fluorobiphenyl	9.84	172	488528	50.07	ng	-0.01
78) Terphenyl-d14	13.69	244	518072	51.46	ng	0.00

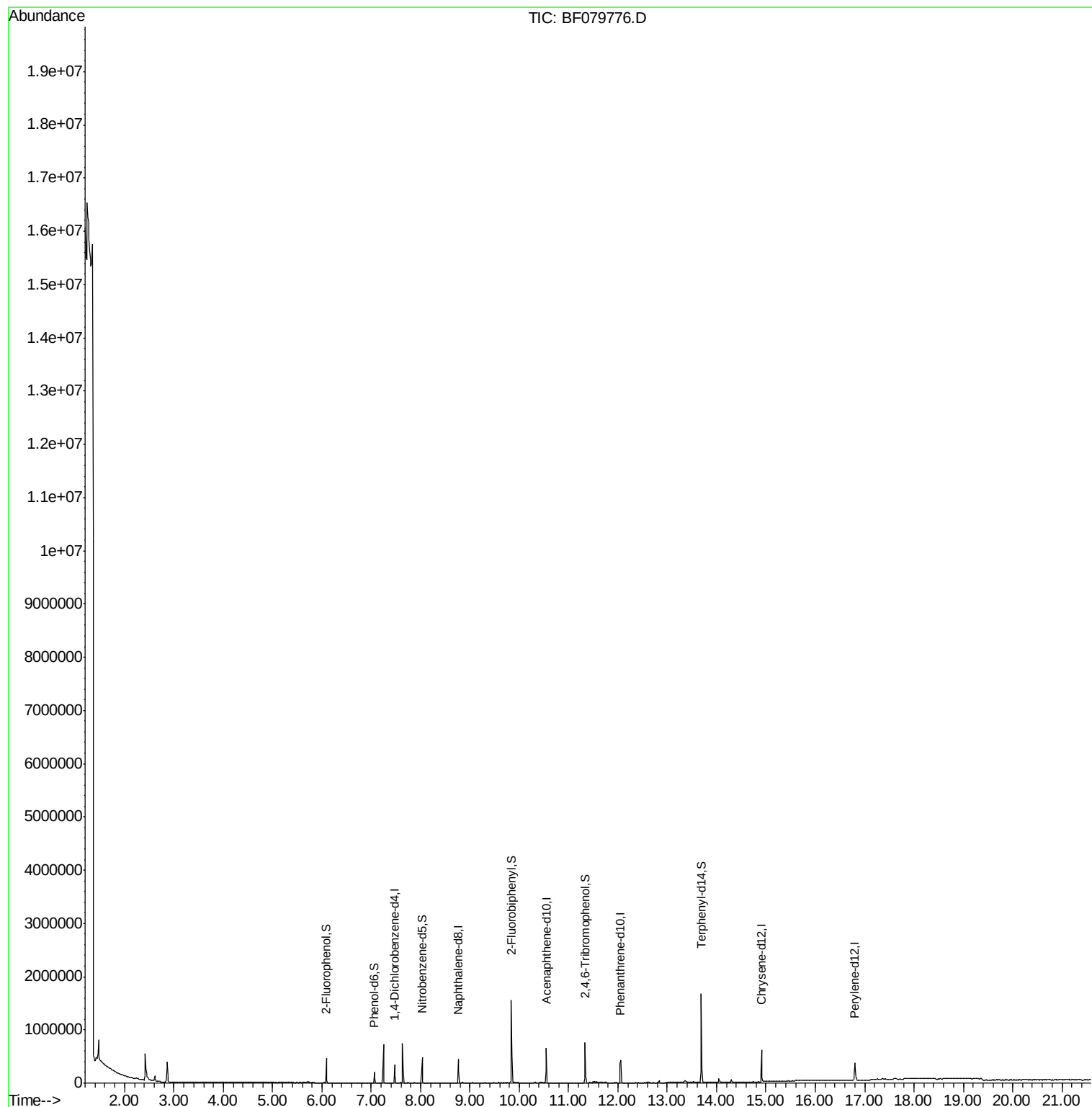
Target Compounds	Qvalue
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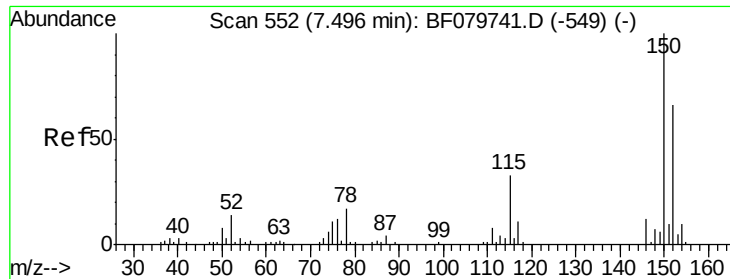
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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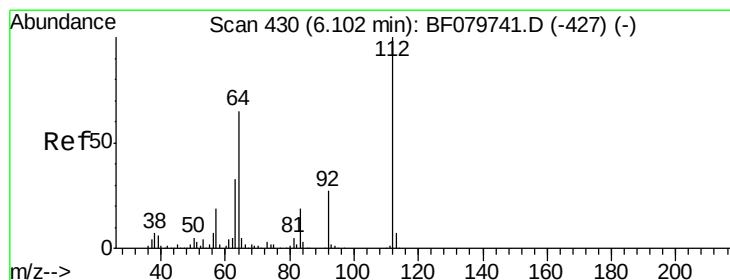
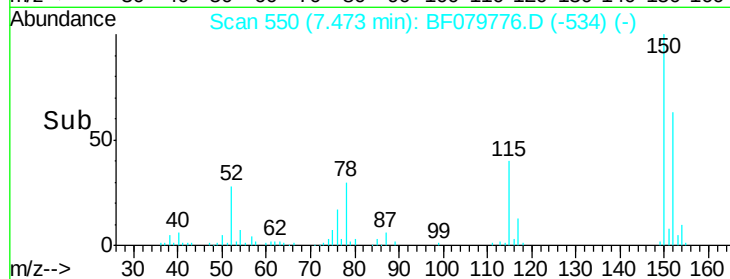
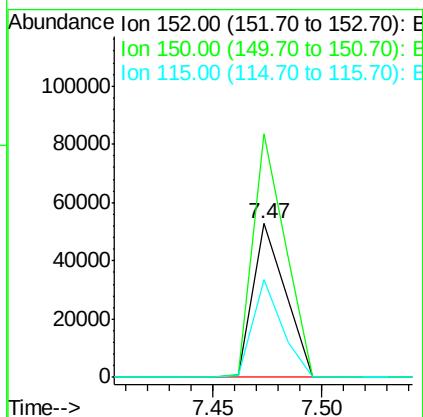
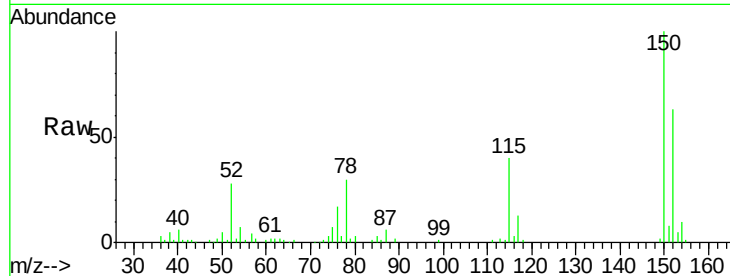


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 550
Delta R.T. -0.01 min
Lab File: BF079776.D
Acq: 6 Jun 2015 18:41

Instrument :
BNA_F
ClientSampleId :
MW-5

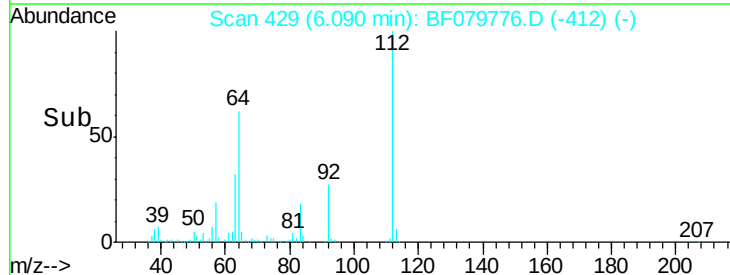
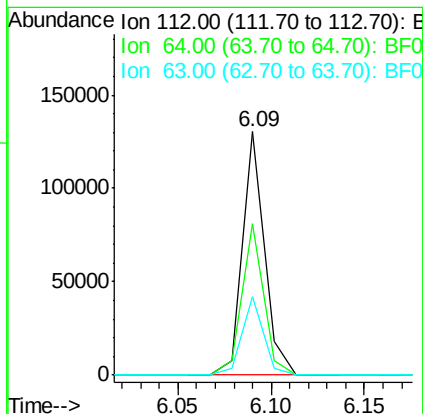
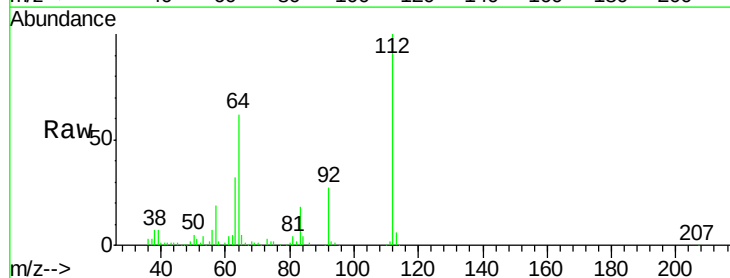
Tgt Ion:152 Resp: 54590
Ion Ratio Lower Upper
152 100
150 158.2 128.1 192.1
115 63.5 49.7 74.5

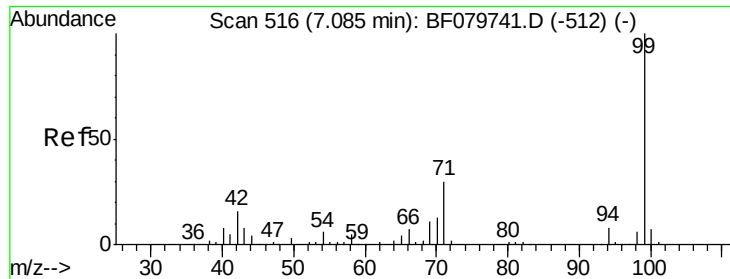


#5

2-Fluorophenol
Concen: 33.05 ng
RT: 6.09 min Scan# 429
Delta R.T. -0.00 min
Lab File: BF079776.D
Acq: 6 Jun 2015 18:41

Tgt Ion:112 Resp: 107631
Ion Ratio Lower Upper
112 100
64 62.2 49.6 74.4
63 32.1 24.9 37.3





#7

Phenol-d6

Concen: 17.43 ng

RT: 7.06 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF079776.D

Acq: 6 Jun 2015 18:41

Instrument :

BNA_F

ClientSampleId :

MW-5

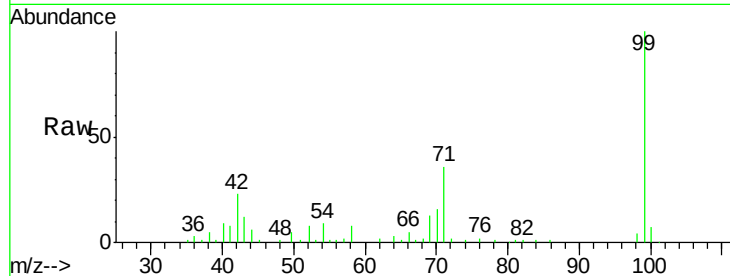
Tgt Ion: 99 Resp: 73330

Ion Ratio Lower Upper

99 100

42 22.5 18.0 27.0

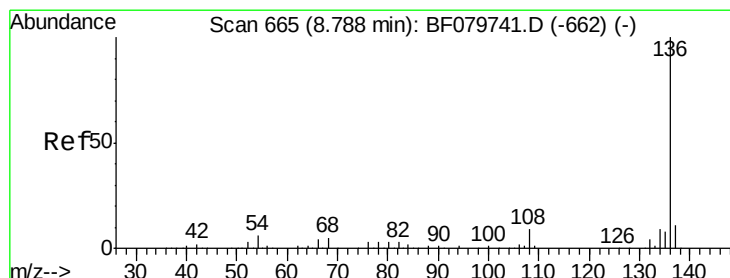
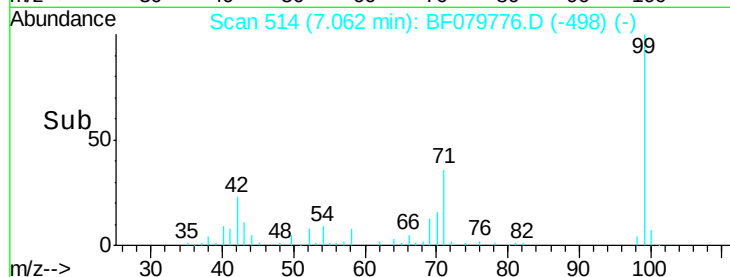
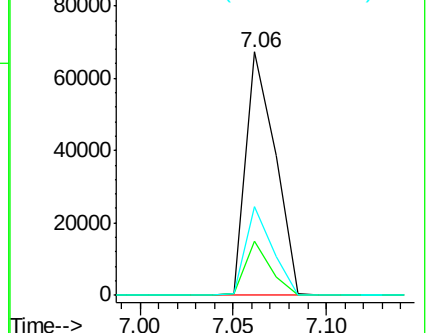
71 36.3 28.4 42.6



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: 8.76 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF079776.D

Acq: 6 Jun 2015 18:41

Tgt Ion: 136 Resp: 230537

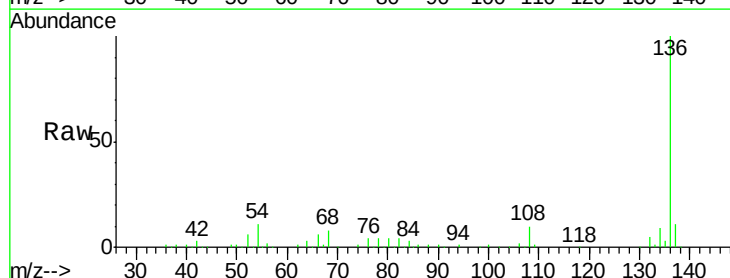
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 11.0 8.7 13.1

68 8.1 5.8 8.8

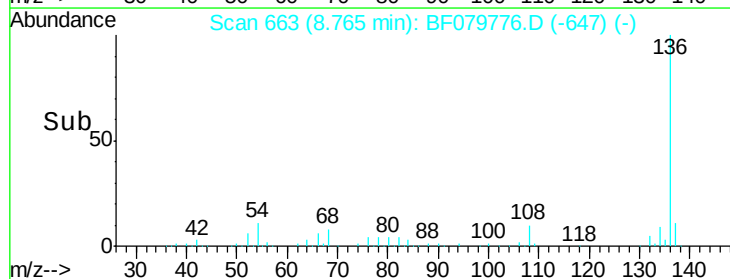
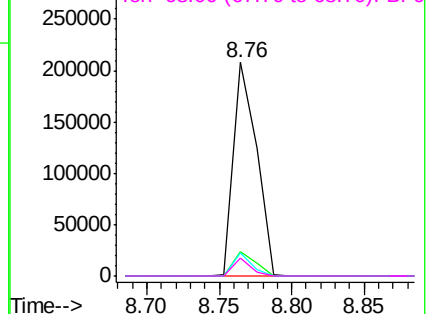


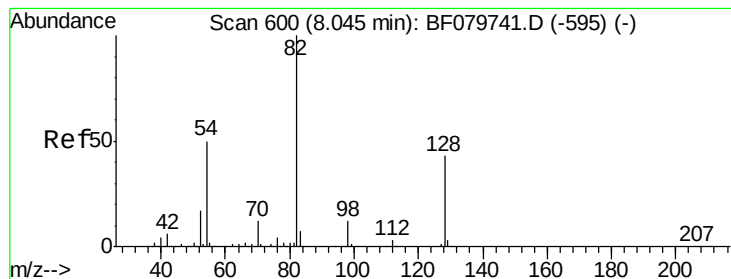
Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.76 ng

RT: 8.03 min Scan# 599

Delta R.T. -0.00 min

Lab File: BF079776.D

Acq: 6 Jun 2015 18:41

Instrument :

BNA_F

ClientSampleId :

MW-5

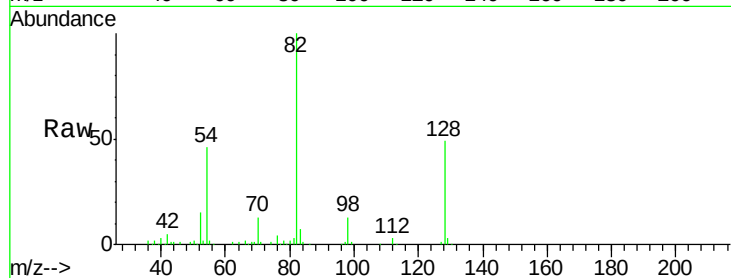
Tgt Ion: 82 Resp: 164320

Ion Ratio Lower Upper

82 100

128 48.7 37.6 56.4

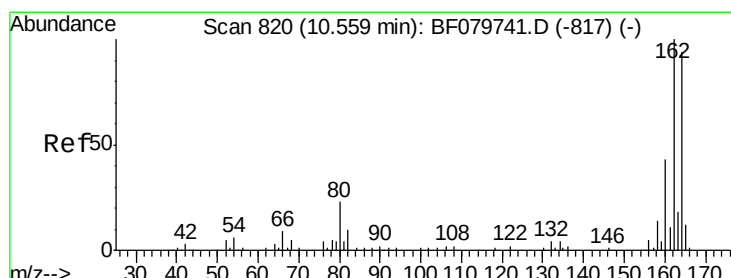
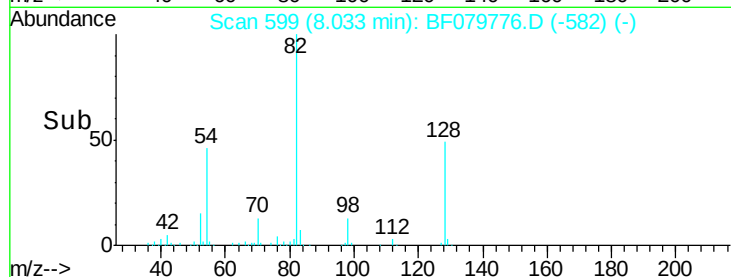
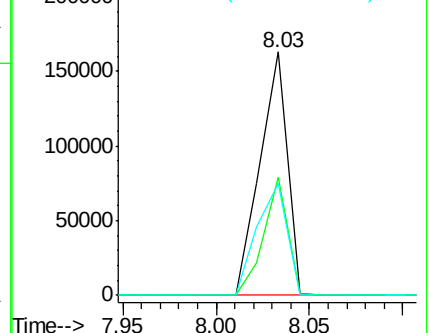
54 45.9 39.4 59.2



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.55 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF079776.D

Acq: 6 Jun 2015 18:41

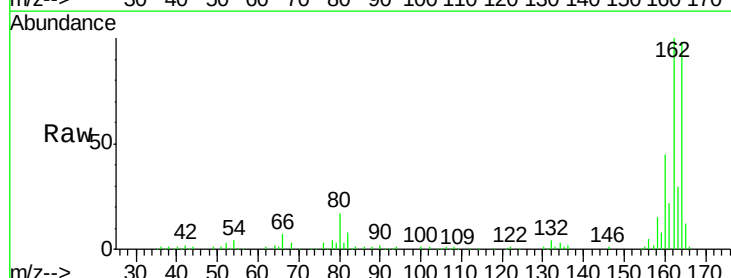
Tgt Ion: 164 Resp: 132199

Ion Ratio Lower Upper

164 100

162 102.3 82.6 123.8

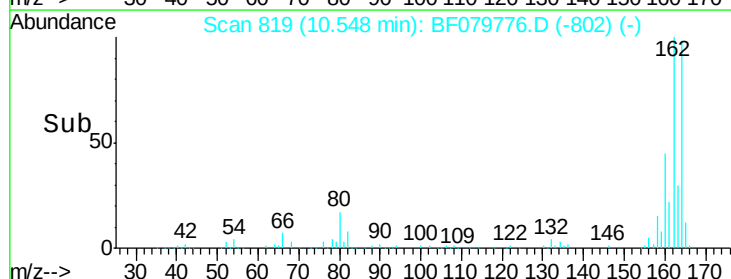
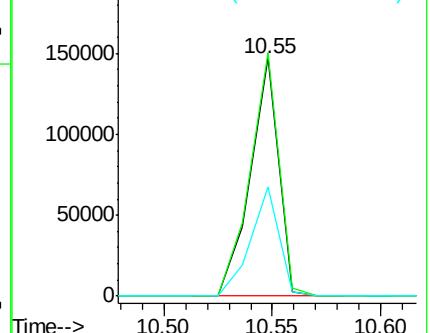
160 46.0 36.8 55.2

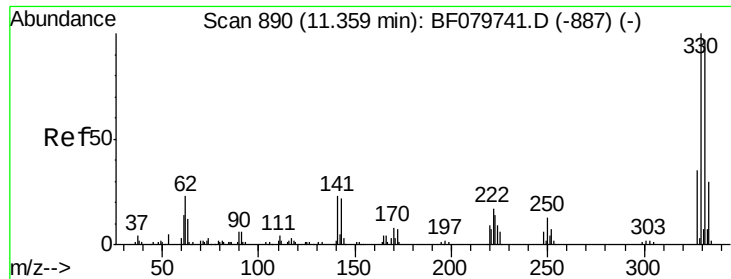


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

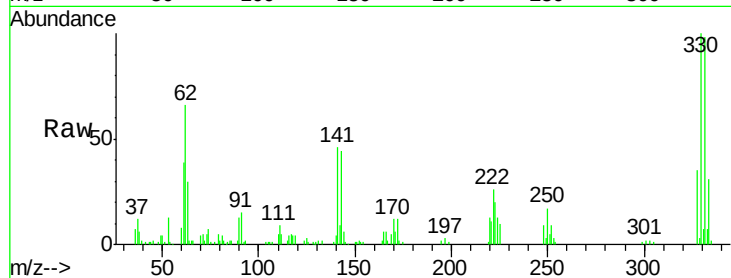




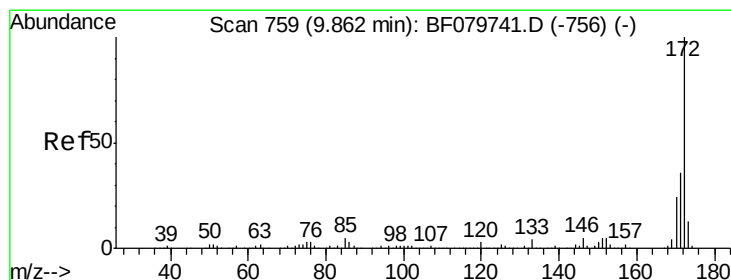
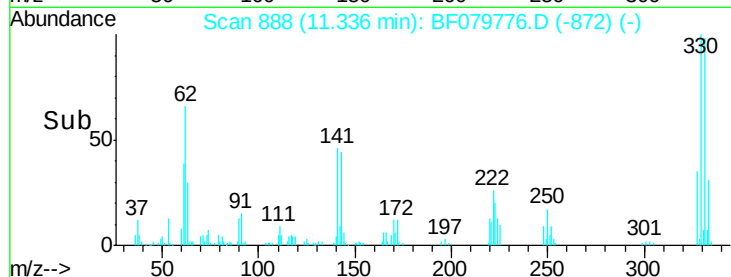
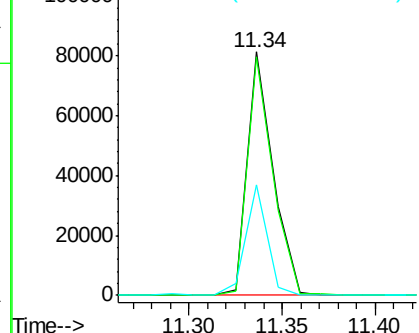
#41
 2,4,6-Tribromophenol
 Concen: 61.58 ng
 RT: 11.34 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF079776.D
 Acq: 6 Jun 2015 18:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Tgt Ion:330 Resp: 77867
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.4 116.0
 141 39.1 30.2 45.2

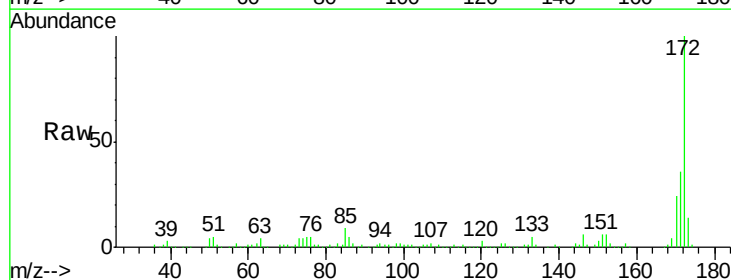


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

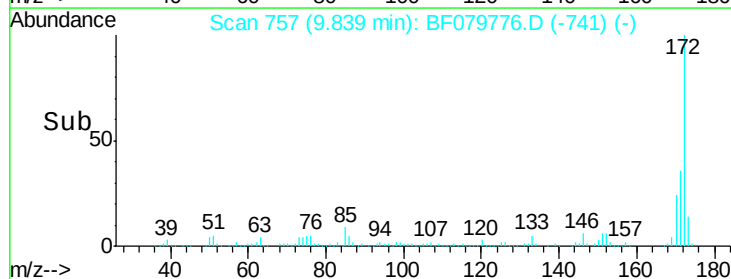
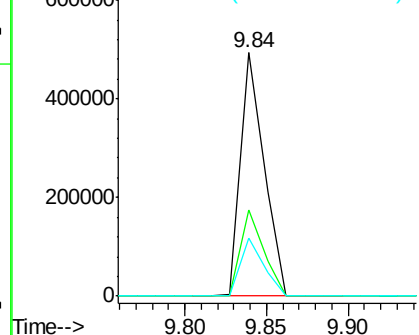


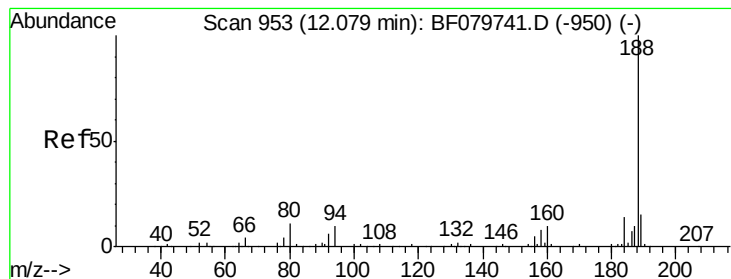
#44
 2-Fluorobiphenyl
 Concen: 50.07 ng
 RT: 9.84 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF079776.D
 Acq: 6 Jun 2015 18:41

Tgt Ion:172 Resp: 488528
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.4 44.0
 170 23.9 19.7 29.5



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: 12.06 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF079776.D

Acq: 6 Jun 2015 18:41

Instrument :

BNA_F

ClientSampleId :

MW-5

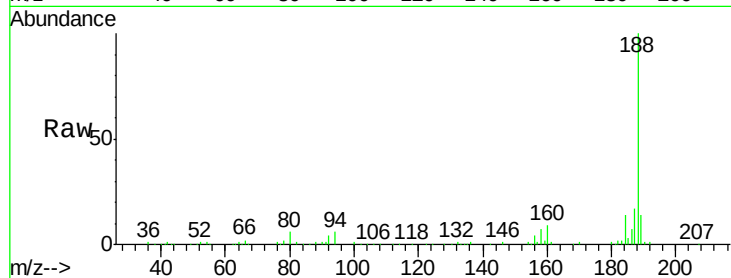
Tgt Ion:188 Resp: 223366

Ion Ratio Lower Upper

188 100

94 5.7 5.0 7.4

80 6.3 5.3 7.9



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

250000

200000

150000

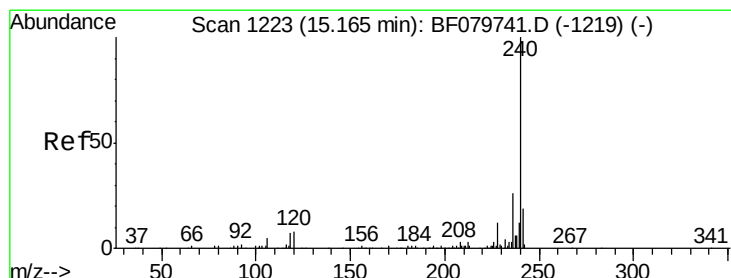
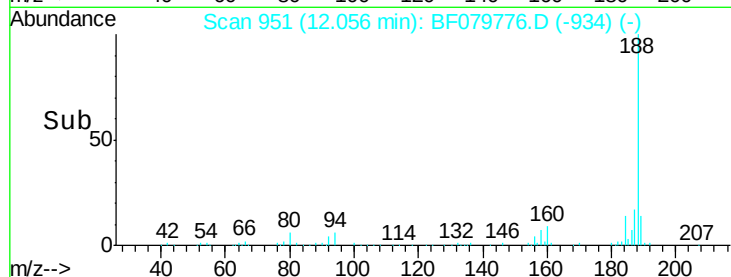
100000

50000

0

12.00 12.05 12.10

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.91 min Scan# 1201

Delta R.T. 0.01 min

Lab File: BF079776.D

Acq: 6 Jun 2015 18:41

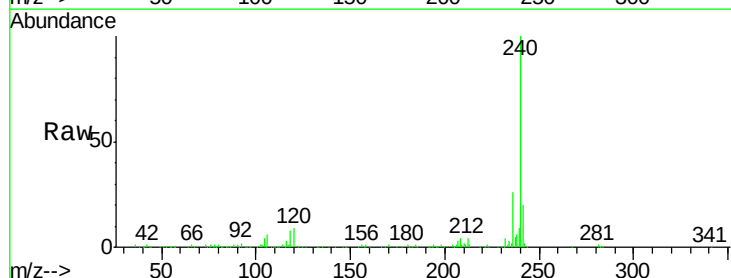
Tgt Ion:240 Resp: 230551

Ion Ratio Lower Upper

240 100

120 8.8 6.2 9.2

236 25.6 21.0 31.4



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

300000

250000

200000

150000

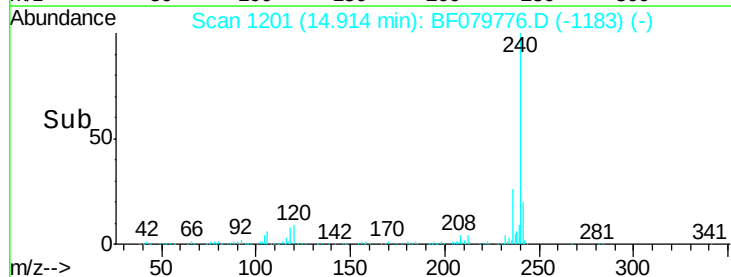
100000

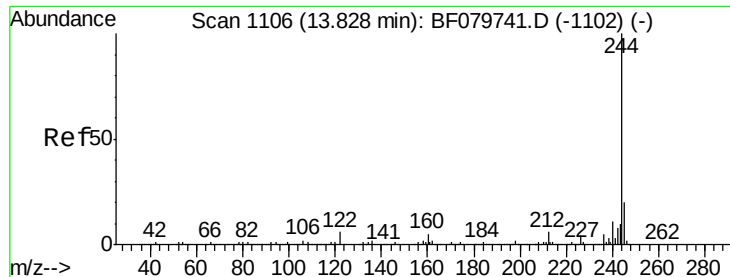
50000

0

14.80 14.90 15.00

Time-->





#78

Terphenyl-d14

Concen: 51.46 ng

RT: 13.69 min Scan# 1094

Delta R.T. -0.00 min

Lab File: BF079776.D

Acq: 6 Jun 2015 18:41

Instrument :

BNA_F

ClientSampleId :

MW-5

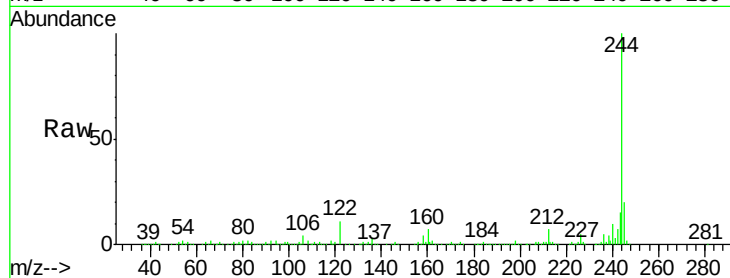
Tgt Ion:244 Resp: 518072

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

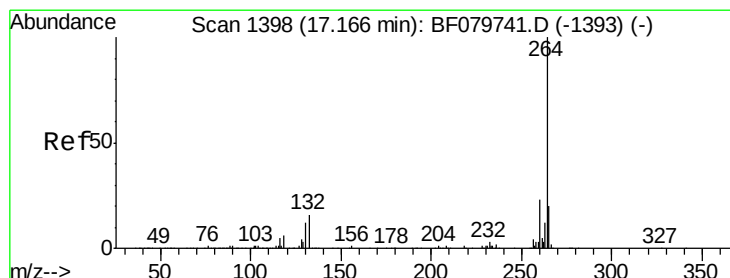
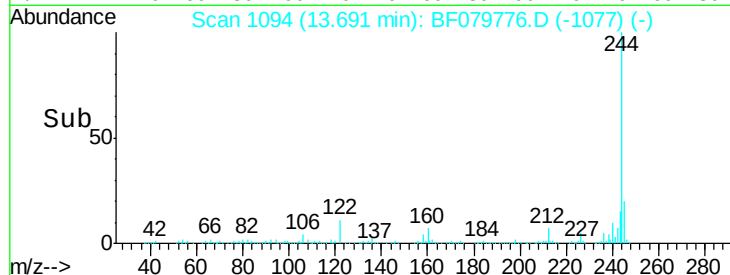
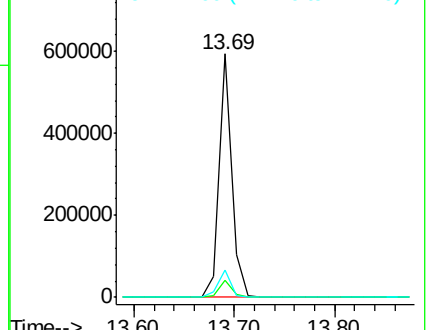
122 11.3 9.3 13.9



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: 16.80 min Scan# 1366

Delta R.T. -0.00 min

Lab File: BF079776.D

Acq: 6 Jun 2015 18:41

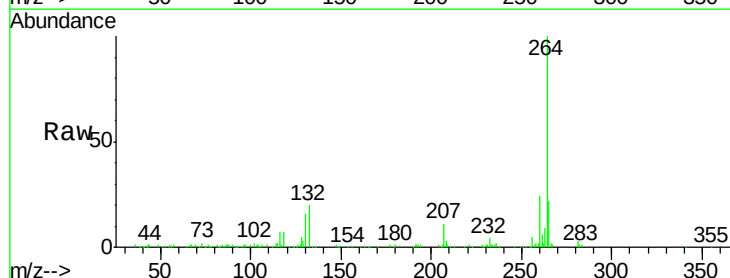
Tgt Ion:264 Resp: 208807

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 22.1 18.2 27.4



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

