

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060915\
 Data File : BF079844.D
 Acq On : 9 Jun 2015 21:10
 Operator : TP/IZ
 Sample : G2533-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Quant Time: Jun 10 01:36:06 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 09 15:11:40 2015
 Response via : Initial Calibration

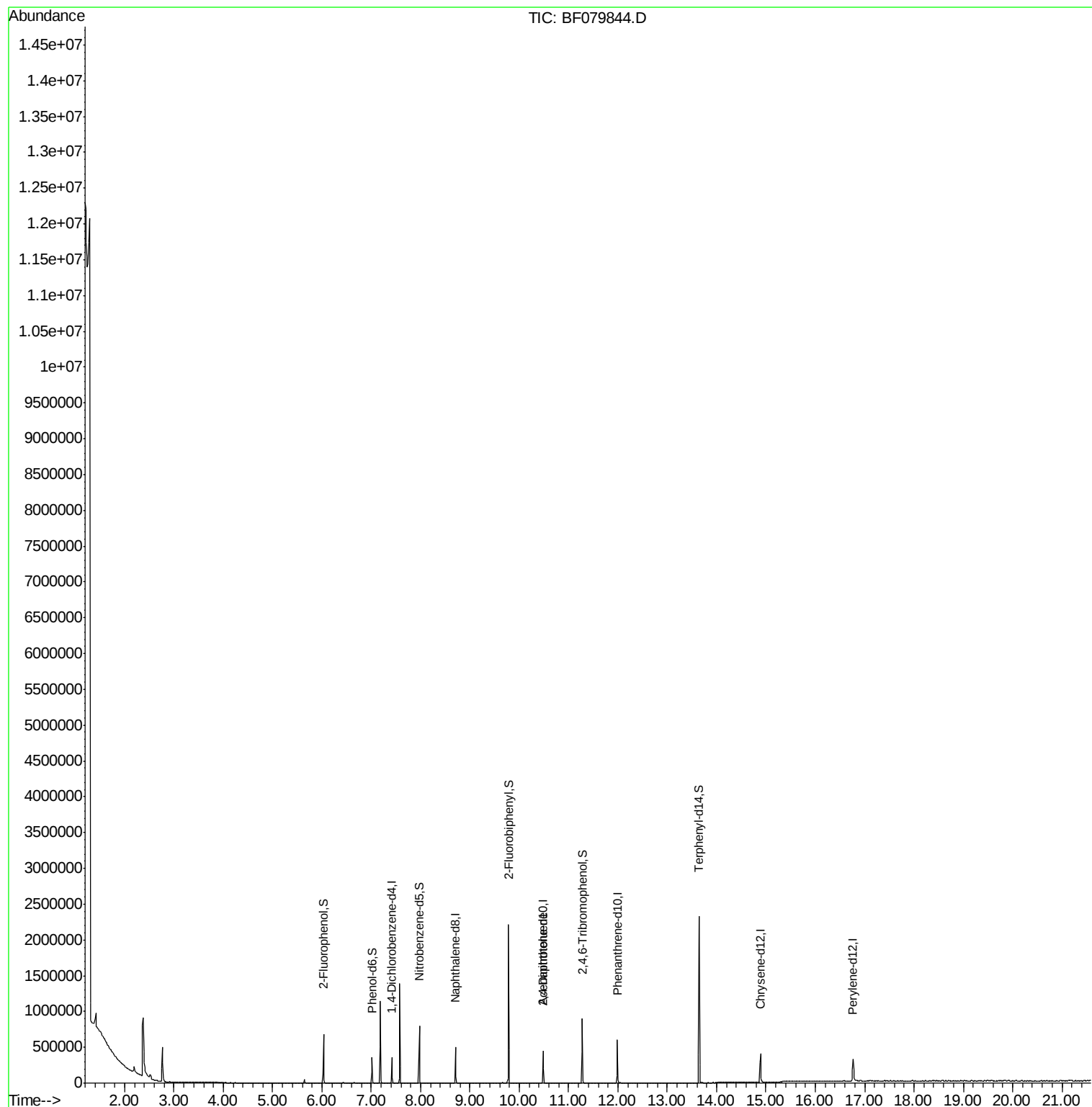
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	50263	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	200928	20.00	ng	0.00
38) Acenaphthene-d10	10.48	164	99518	20.00	ng	0.00
63) Phenanthrene-d10	11.99	188	210316	20.00	ng	-0.01
75) Chrysene-d12	14.89	240	206228	20.00	ng	-0.17
86) Perylene-d12	16.77	264	189662	20.00	ng	-0.25
System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	164021	53.78	ng	0.00
7) Phenol-d6	7.02	99	128871	32.66	ng	0.00
23) Nitrobenzene-d5	7.98	82	272232	78.27	ng	0.00
41) 2,4,6-Tribromophenol	11.28	330	119897	139.21	ng	0.00
44) 2-Fluorobiphenyl	9.78	172	639264	90.35	ng	0.00
78) Terphenyl-d14	13.65	244	721314	78.85	ng	-0.09
Target Compounds						
56) 2,4-Dinitrotoluene	10.48	165	12000	12.07	ng	Qvalue # 32

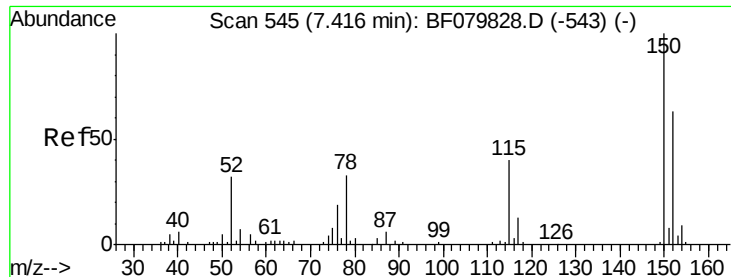
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF079844.D

Acq: 9 Jun 2015 21:10

Instrument :

BNA_F

ClientSampleId :

MW-20

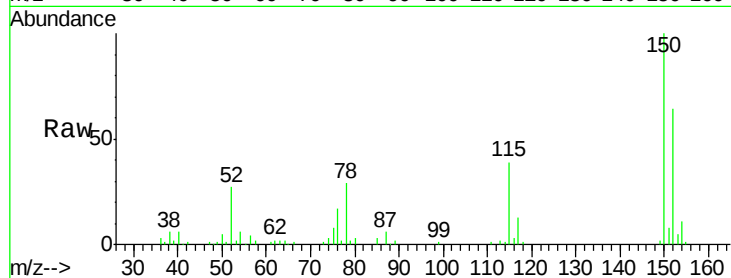
Tgt Ion:152 Resp: 50263

Ion Ratio Lower Upper

152 100

150 156.8 131.4 197.2

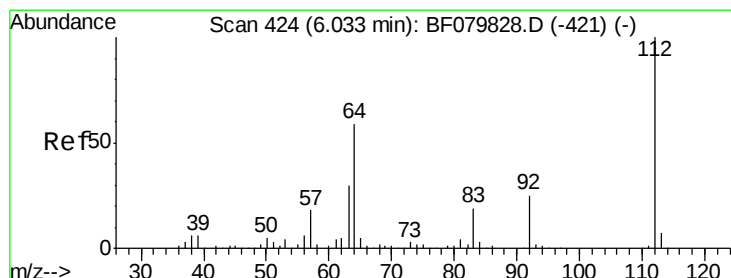
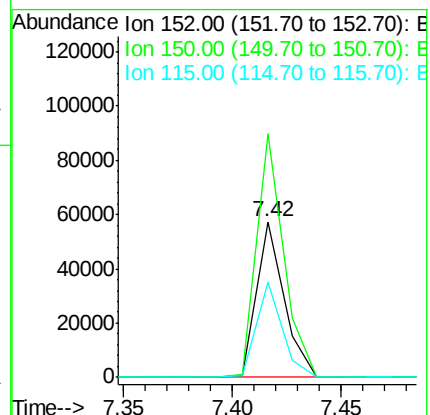
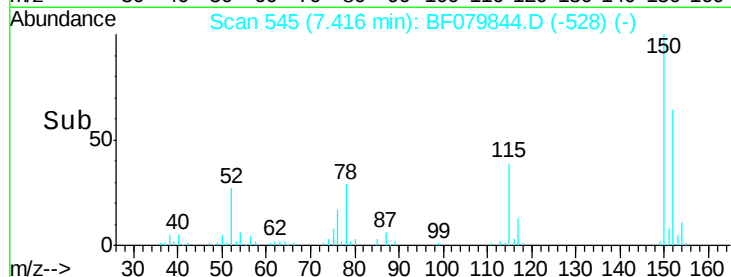
115 61.3 56.5 84.7



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: 53.78 ng

RT: 6.03 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF079844.D

Acq: 9 Jun 2015 21:10

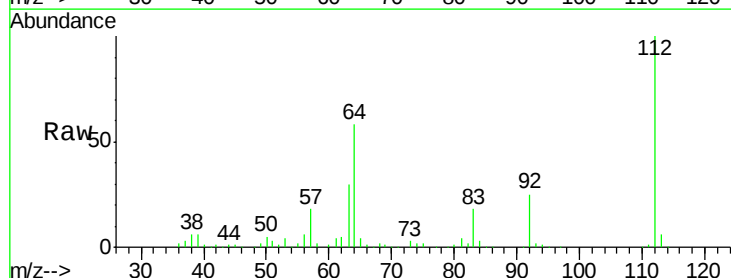
Tgt Ion:112 Resp: 164021

Ion Ratio Lower Upper

112 100

64 58.5 44.2 66.4

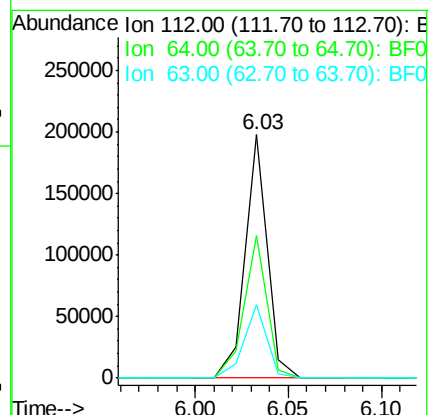
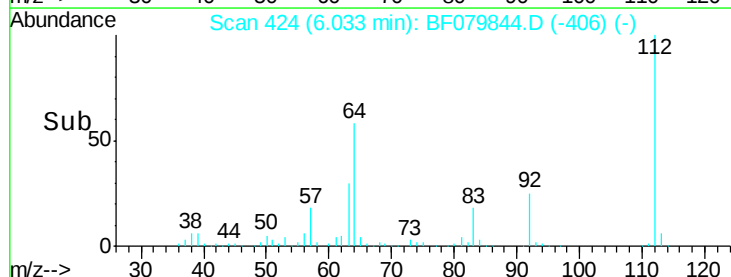
63 30.3 22.8 34.2

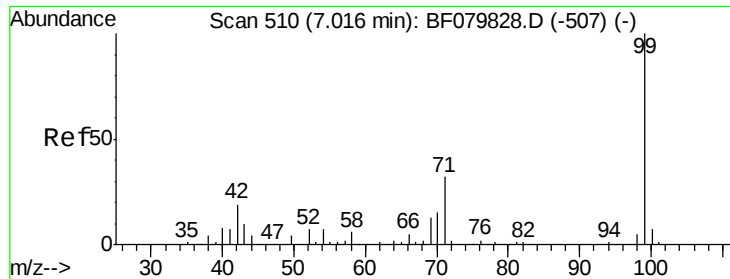


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 32.66 ng

RT: 7.02 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF079844.D

Acq: 9 Jun 2015 21:10

Instrument :

BNA_F

ClientSampleId :

MW-20

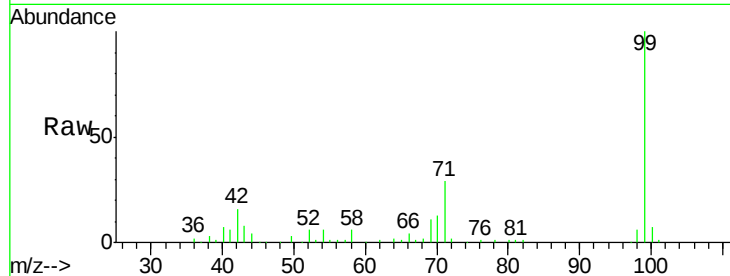
Tgt Ion: 99 Resp: 128871

Ion Ratio Lower Upper

99 100

42 15.7 13.7 20.5

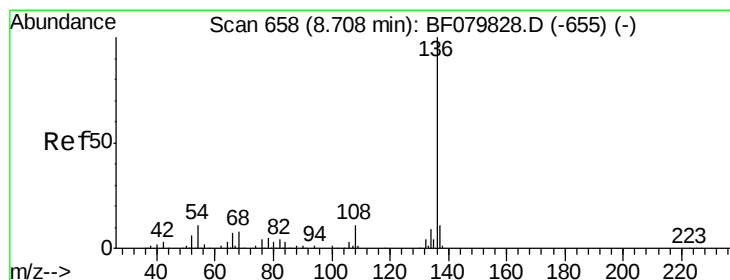
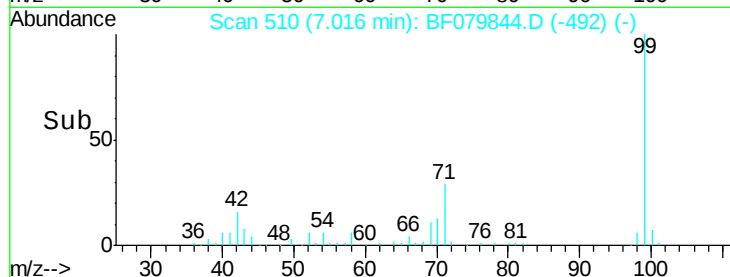
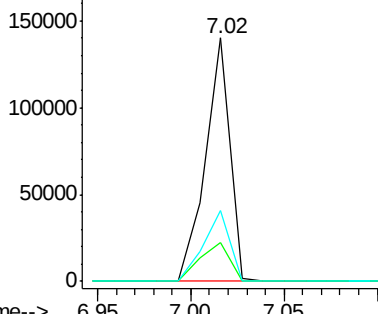
71 29.1 25.1 37.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.71 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF079844.D

Acq: 9 Jun 2015 21:10

Tgt Ion: 136 Resp: 200928

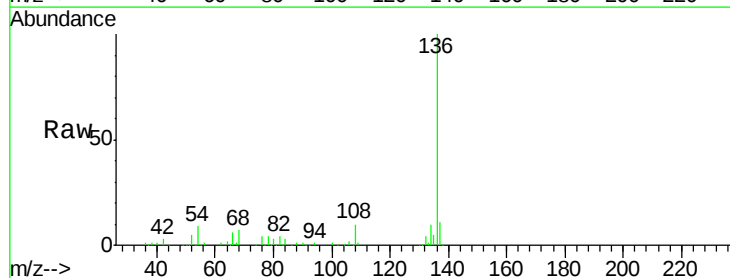
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 9.1 8.1 12.1

68 6.7 4.8 7.2

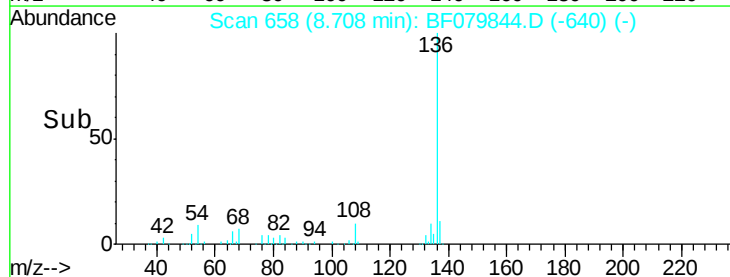
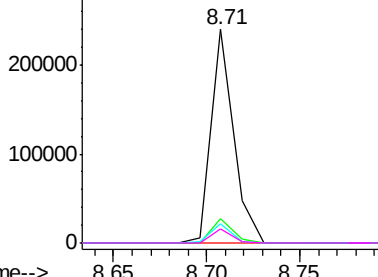


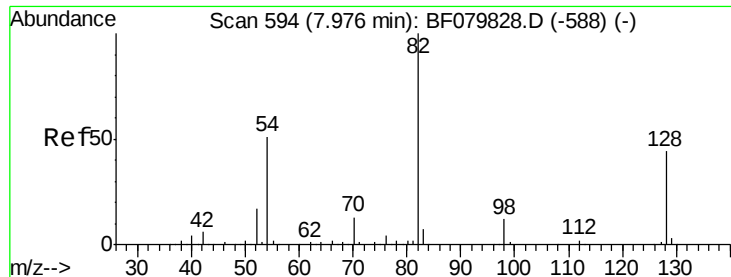
Abundance Ion 136.00 (135.70 to 136.70): E

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





#23

Nitrobenzene-d5

Concen: 78.27 ng

RT: 7.98 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF079844.D

Acq: 9 Jun 2015 21:10

Instrument :

BNA_F

ClientSampleId :

MW-20

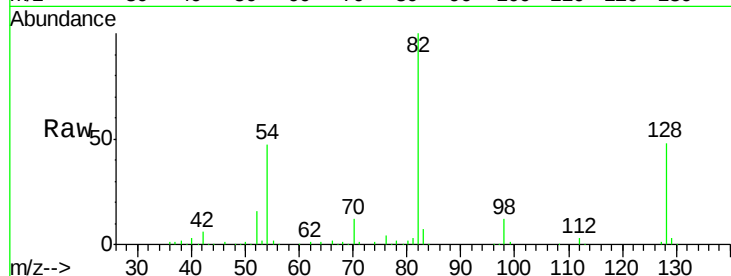
Tgt Ion: 82 Resp: 272232

Ion Ratio Lower Upper

82 100

128 48.2 35.2 52.8

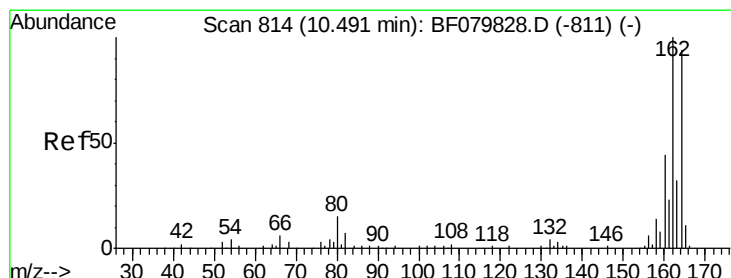
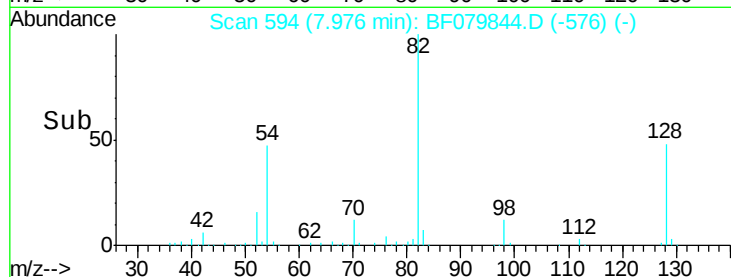
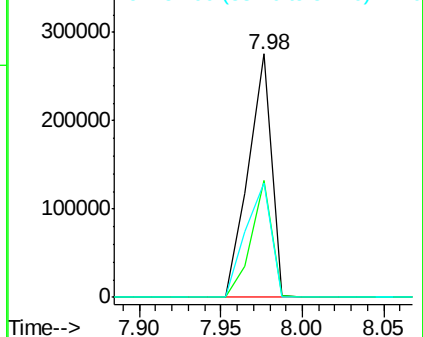
54 47.2 39.2 58.8



Abundance Ion 82.00 (81.70 to 82.70): BF079828.D (-588) (-)

Ion 128.00 (127.70 to 128.70): BF079828.D (-588) (-)

Ion 54.00 (53.70 to 54.70): BF079828.D (-588) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.48 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF079844.D

Acq: 9 Jun 2015 21:10

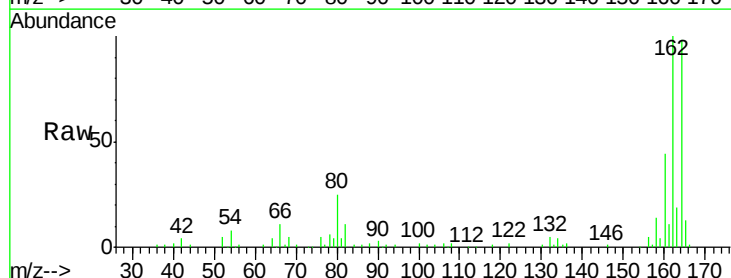
Tgt Ion: 164 Resp: 99518

Ion Ratio Lower Upper

164 100

162 101.5 89.8 134.8

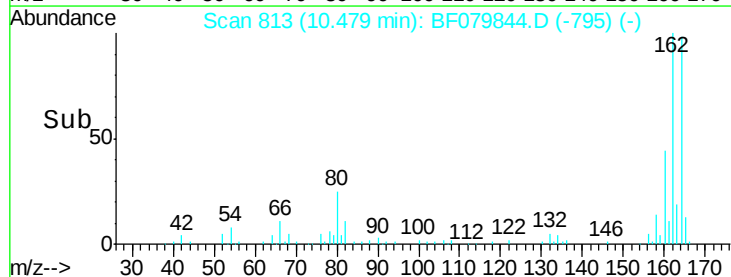
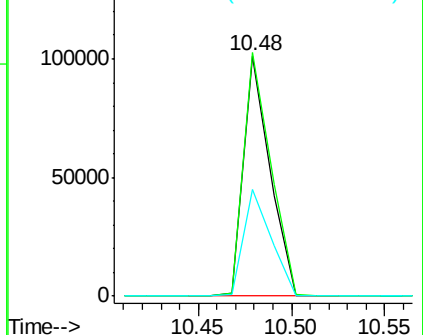
160 44.5 39.6 59.4

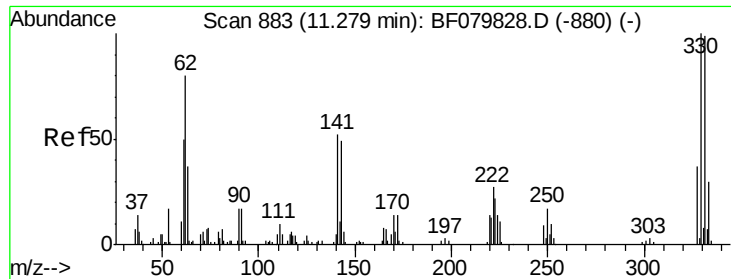


Abundance Ion 164.00 (163.70 to 164.70): BF079828.D (-811) (-)

Ion 162.00 (161.70 to 162.70): BF079828.D (-811) (-)

Ion 160.00 (159.70 to 160.70): BF079828.D (-811) (-)

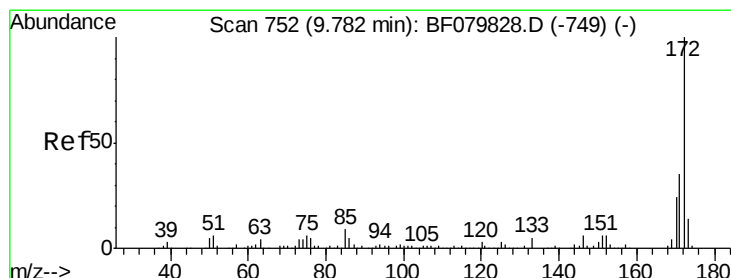
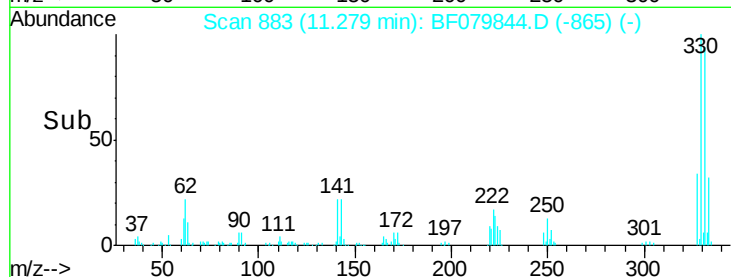
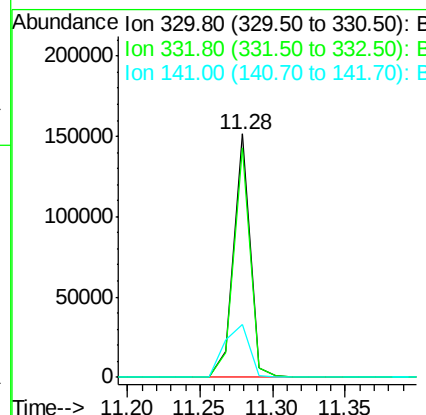
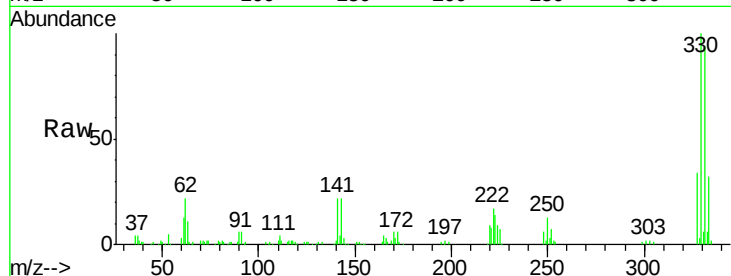




#41
 2,4,6-Tribromophenol
 Concen: 139.21 ng
 RT: 11.28 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF079844.D
 Acq: 9 Jun 2015 21:10

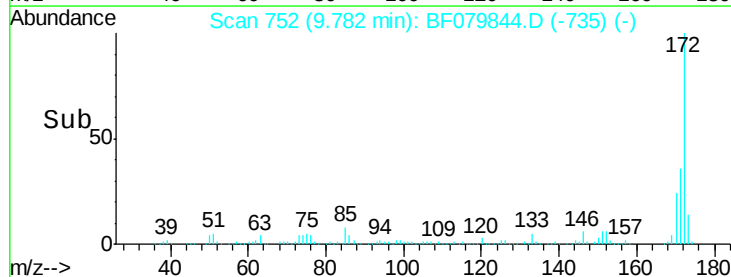
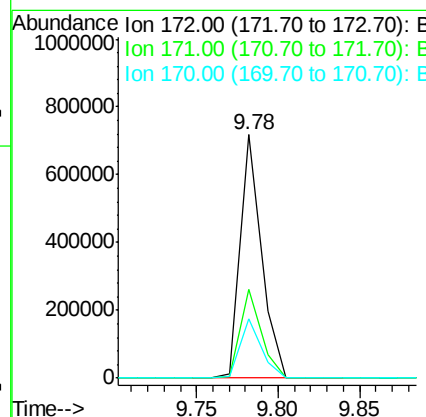
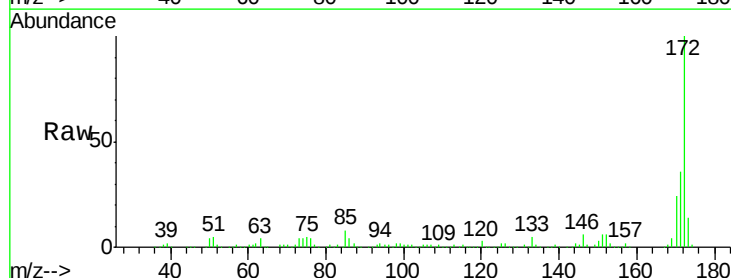
Instrument :
 BNA_F
 ClientSampleId :
 MW-20

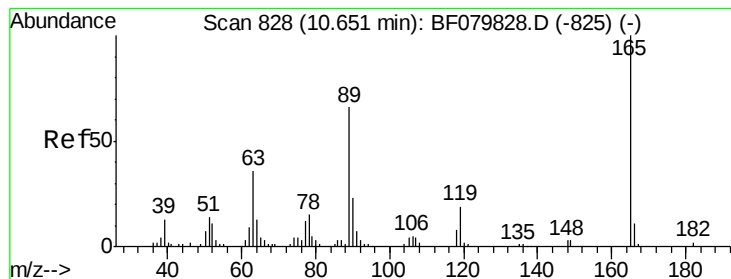
Tgt Ion:330 Resp: 119897
 Ion Ratio Lower Upper
 330 100
 332 94.3 76.8 115.2
 141 32.8 29.1 43.7



#44
 2-Fluorobiphenyl
 Concen: 90.35 ng
 RT: 9.78 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF079844.D
 Acq: 9 Jun 2015 21:10

Tgt Ion:172 Resp: 639264
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.5 42.7
 170 24.4 18.8 28.2





#56

2,4-Dinitrotoluene

Concen: 12.07 ng

RT: 10.48 min Scan# 813

Delta R.T. -0.17 min

Lab File: BF079844.D

Acq: 9 Jun 2015 21:10

Instrument :

BNA_F

ClientSampleId :

MW-20

Tgt Ion:165 Resp: 12000

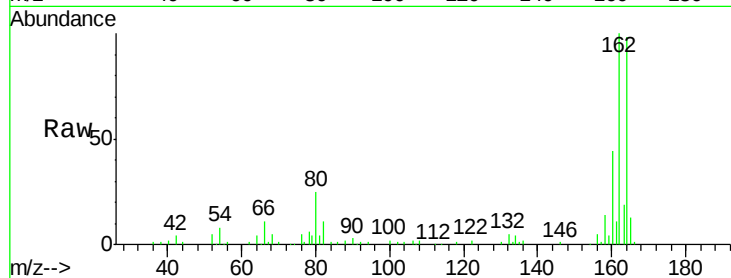
Ion Ratio Lower Upper

165 100

63 0.0 24.4 36.6#

89 0.0 45.3 67.9#

182 0.0 2.0 3.0#

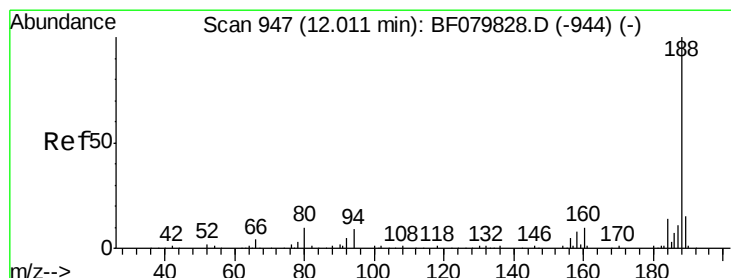
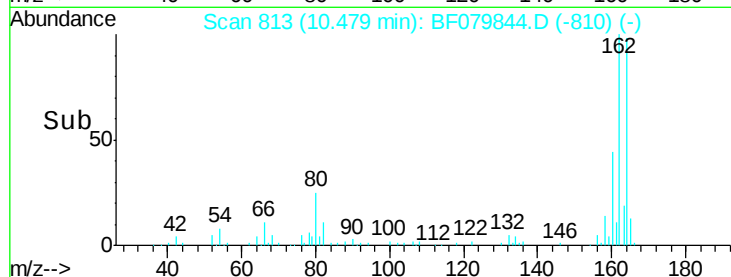
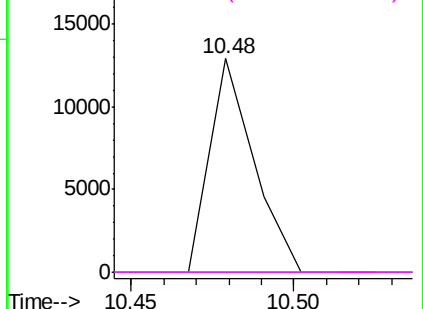


Abundance Ion 165.00 (164.70 to 165.70): E

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. -0.01 min

Lab File: BF079844.D

Acq: 9 Jun 2015 21:10

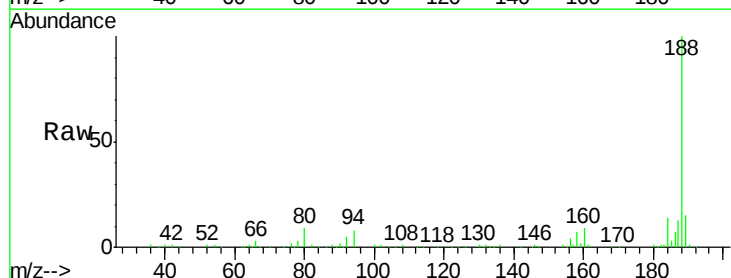
Tgt Ion:188 Resp: 210316

Ion Ratio Lower Upper

188 100

94 8.5 7.4 11.0

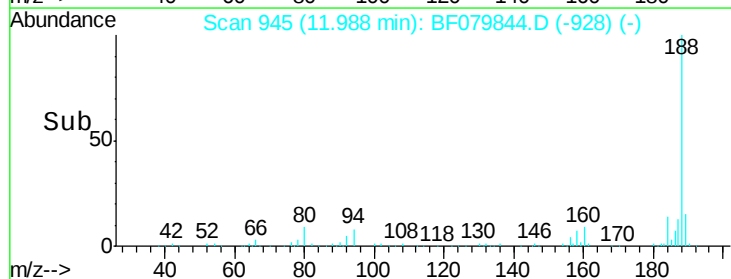
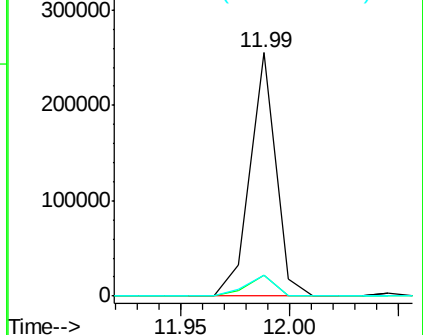
80 8.7 8.0 12.0

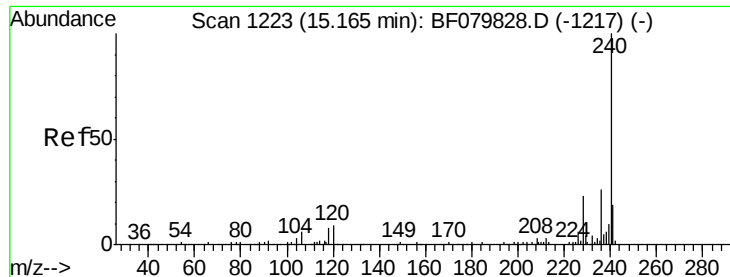


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.89 min Scan# 1199

Delta R.T. -0.17 min

Lab File: BF079844.D

Acq: 9 Jun 2015 21:10

Instrument :

BNA_F

ClientSampleId :

MW-20

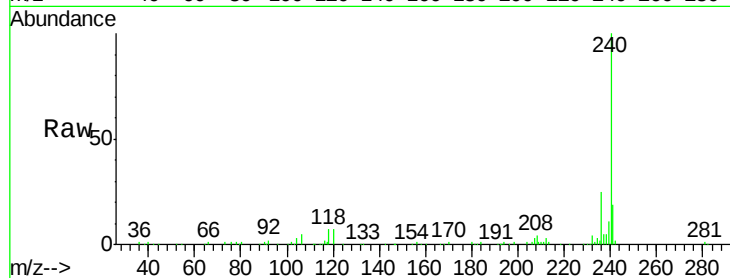
Tgt Ion:240 Resp: 206228

Ion Ratio Lower Upper

240 100

120 7.4 6.6 9.8

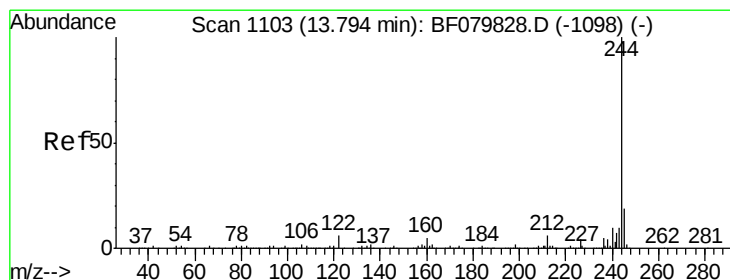
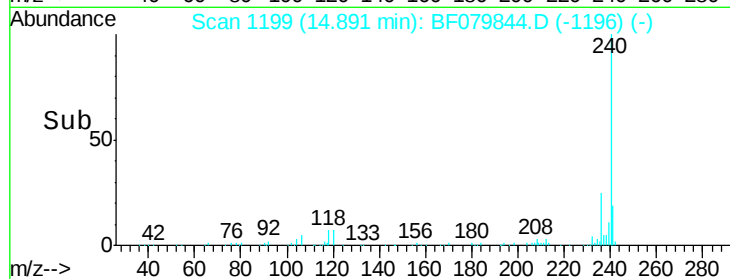
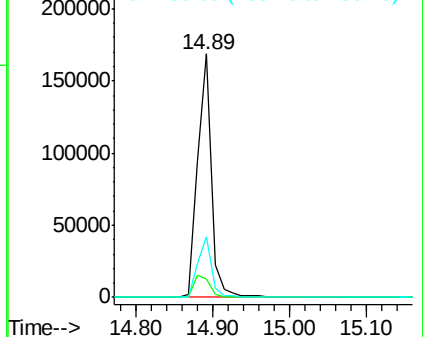
236 24.9 20.2 30.4



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: 78.85 ng

RT: 13.65 min Scan# 1090

Delta R.T. -0.09 min

Lab File: BF079844.D

Acq: 9 Jun 2015 21:10

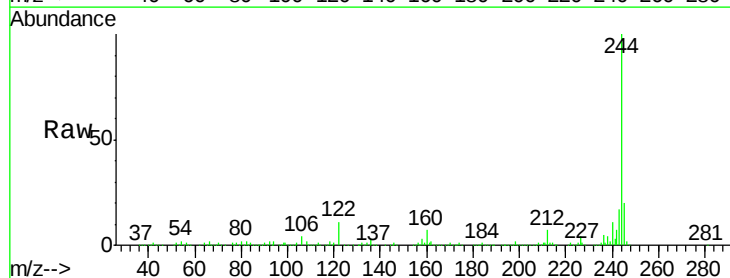
Tgt Ion:244 Resp: 721314

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

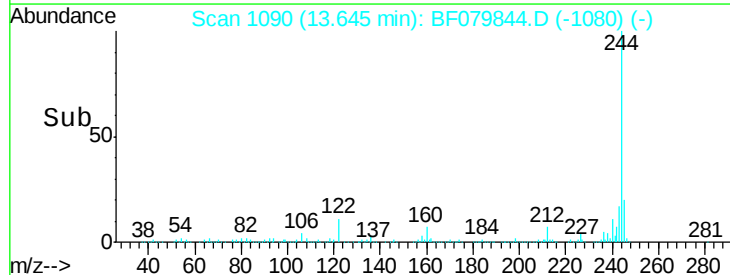
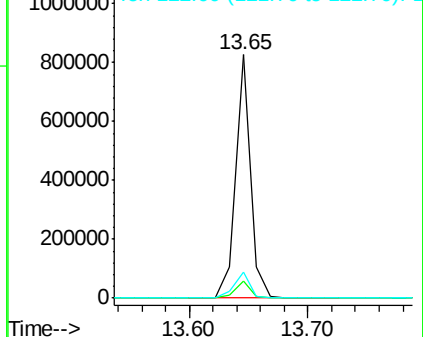
122 10.9 8.2 12.2

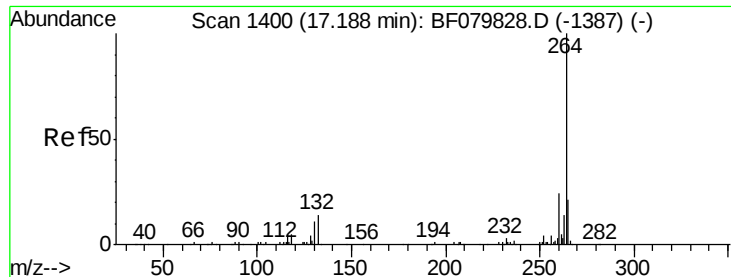


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.77 min Scan# 1363
Delta R.T. -0.25 min
Lab File: BF079844.D
Acq: 9 Jun 2015 21:10

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion: 264 Resp: 189662
Ion Ratio Lower Upper
264 100
260 23.5 19.5 29.3
265 21.2 18.0 27.0

