

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060915\
 Data File : BF079837.D
 Acq On : 9 Jun 2015 17:45
 Operator : TP/IZ
 Sample : G2533-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ERM-4

Quant Time: Jun 10 01:10:07 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	51014	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	207093	20.00	ng	0.00
38) Acenaphthene-d10	10.48	164	105287	20.00	ng	0.00
63) Phenanthrene-d10	11.99	188	220842	20.00	ng	0.00
75) Chrysene-d12	14.89	240	214888	20.00	ng	-0.05
86) Perylene-d12	16.77	264	198777	20.00	ng	-0.08

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.03	112	169733	54.83	ng	0.00
7) Phenol-d6	7.02	99	136805	34.16	ng	0.00
23) Nitrobenzene-d5	7.98	82	283560	79.10	ng	0.00
41) 2,4,6-Tribromophenol	11.28	330	136327	149.62	ng	0.00
44) 2-Fluorobiphenyl	9.78	172	673736	90.00	ng	0.00
78) Terphenyl-d14	13.65	244	769189	80.70	ng	-0.02

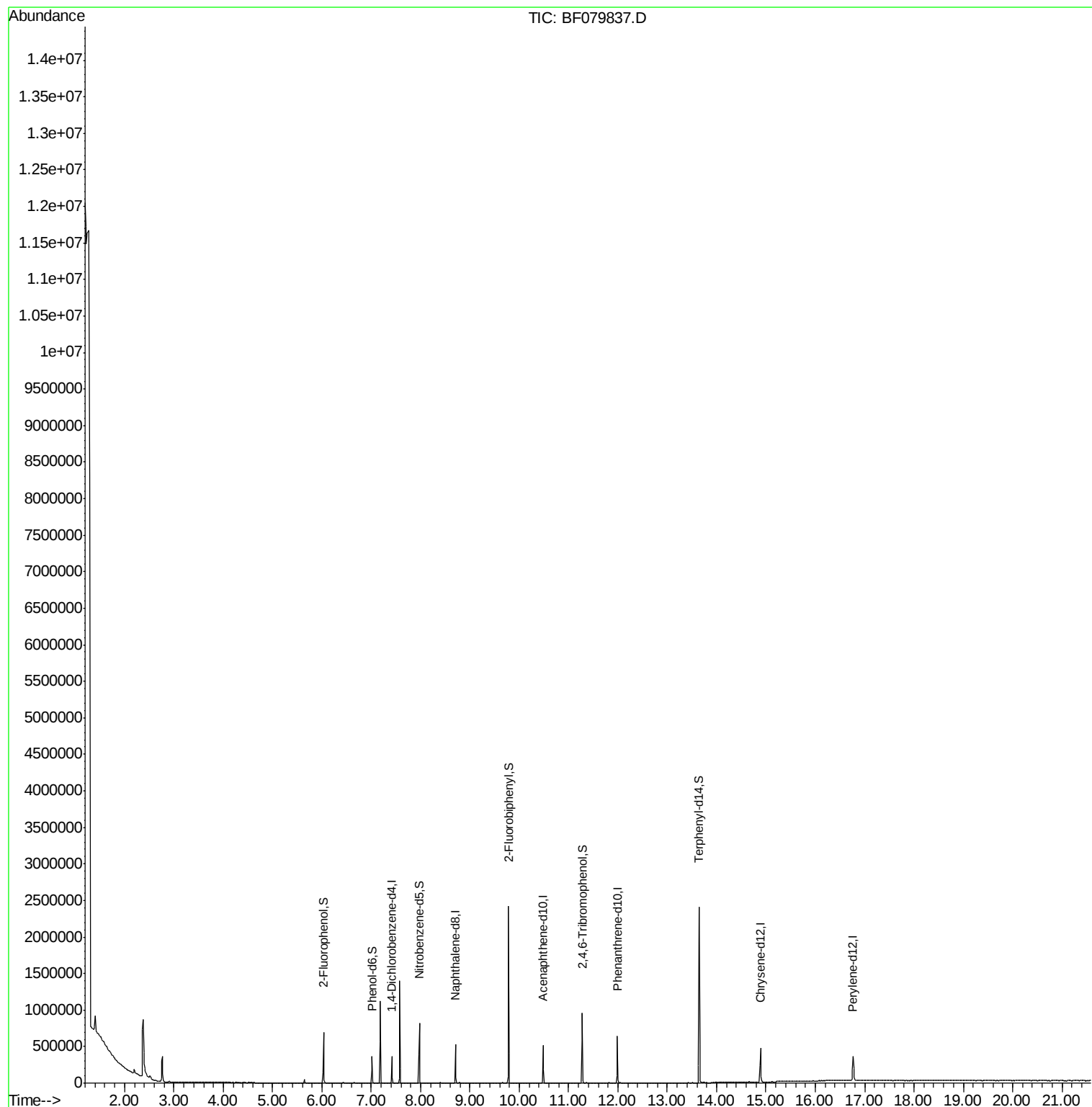
Target Compounds	Qvalue
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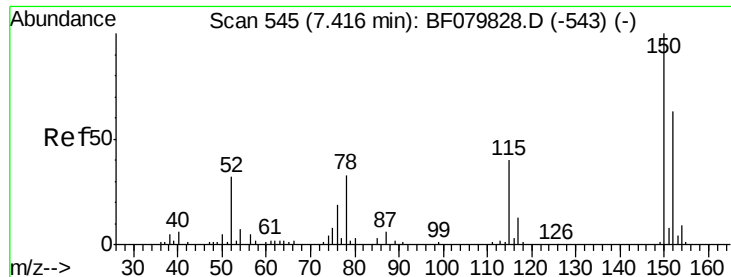
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.42 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF079837.D

Acq: 9 Jun 2015 17:45

Instrument :

BNA_F

ClientSampleId :

ERM-4

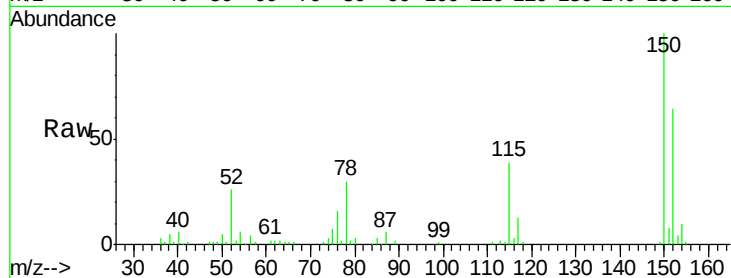
Tgt Ion:152 Resp: 51014

Ion Ratio Lower Upper

152 100

150 155.1 131.4 197.2

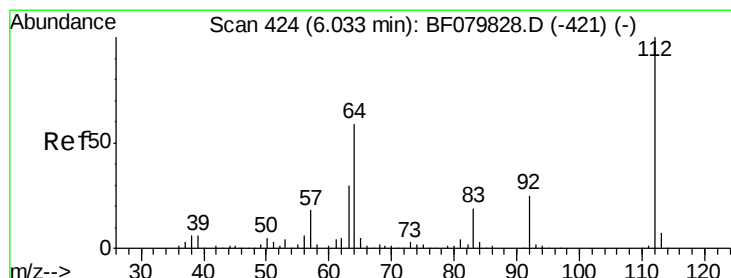
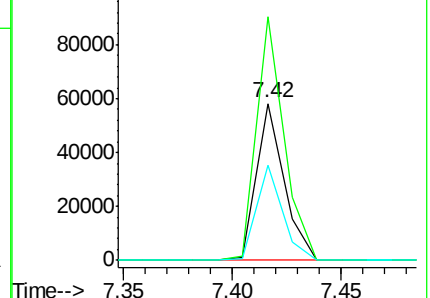
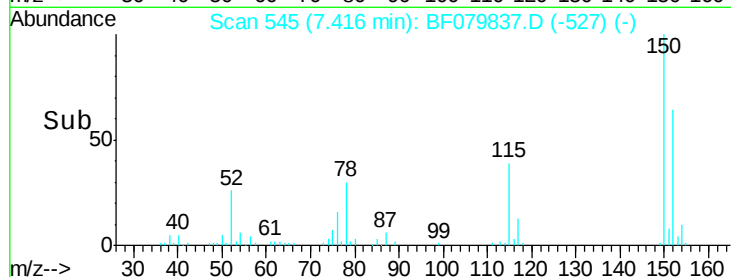
115 60.5 56.5 84.7



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: 54.83 ng

RT: 6.03 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF079837.D

Acq: 9 Jun 2015 17:45

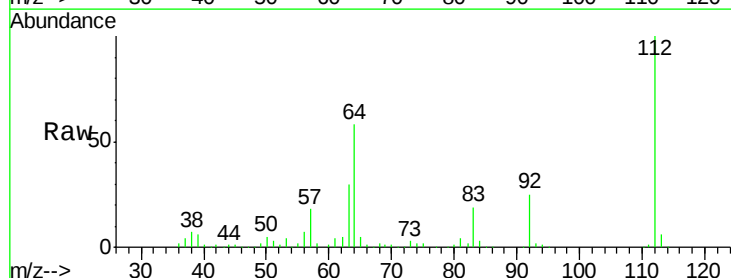
Tgt Ion:112 Resp: 169733

Ion Ratio Lower Upper

112 100

64 57.9 44.2 66.4

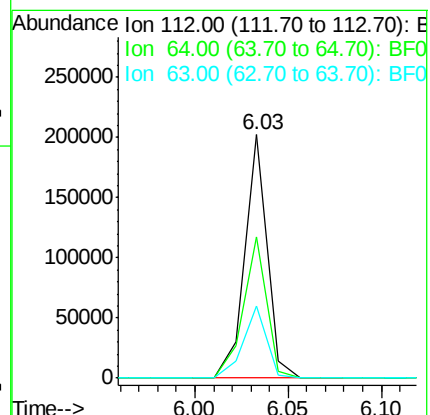
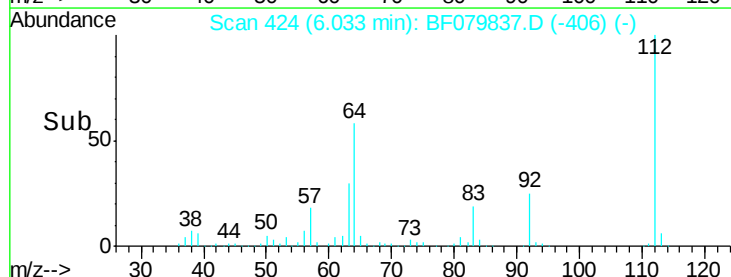
63 29.9 22.8 34.2

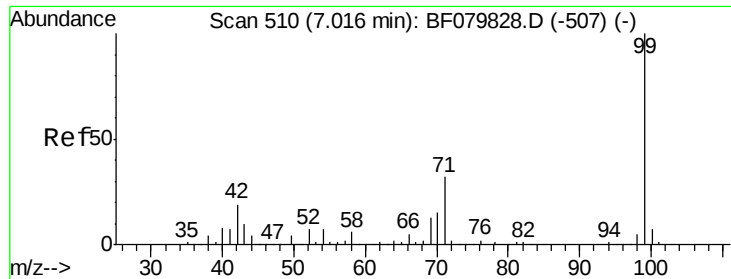


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.16 ng

RT: 7.02 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF079837.D

Acq: 9 Jun 2015 17:45

Instrument :

BNA_F

ClientSampleId :

ERM-4

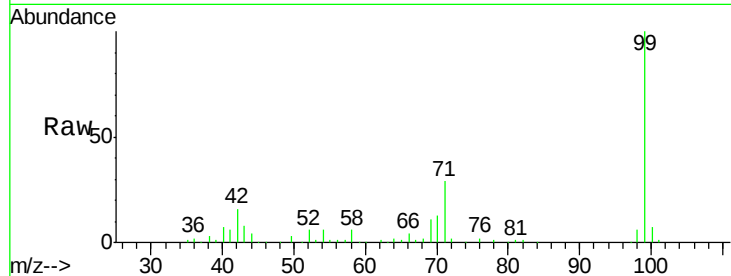
Tgt Ion: 99 Resp: 136805

Ion Ratio Lower Upper

99 100

42 16.3 13.7 20.5

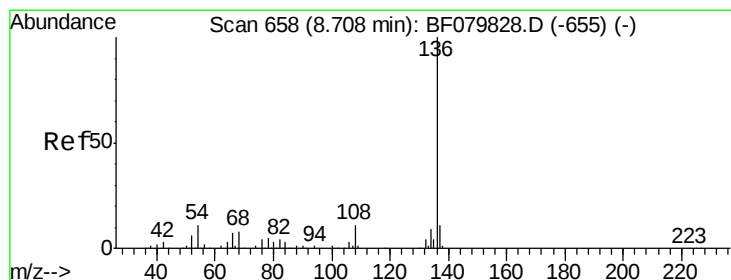
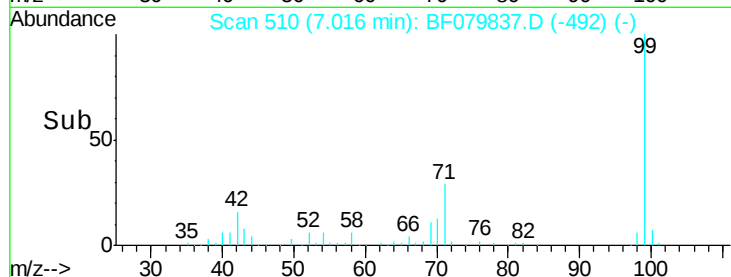
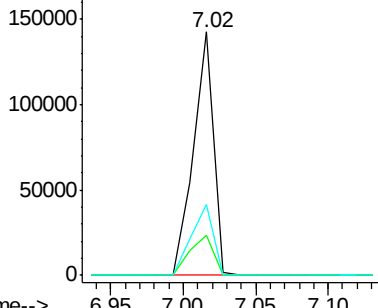
71 29.3 25.1 37.7



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: BF079837.D

Acq: 9 Jun 2015 17:45

Tgt Ion: 136 Resp: 207093

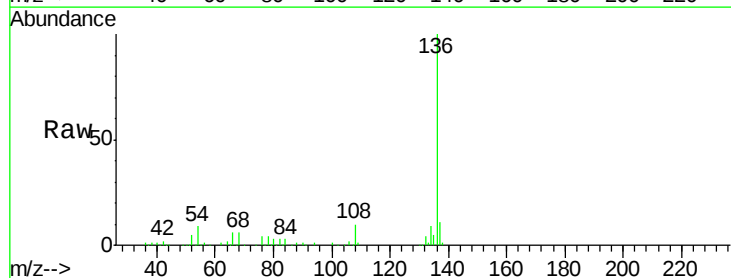
Ion Ratio Lower Upper

136 100

137 11.0 9.3 13.9

54 9.0 8.1 12.1

68 6.4 4.8 7.2

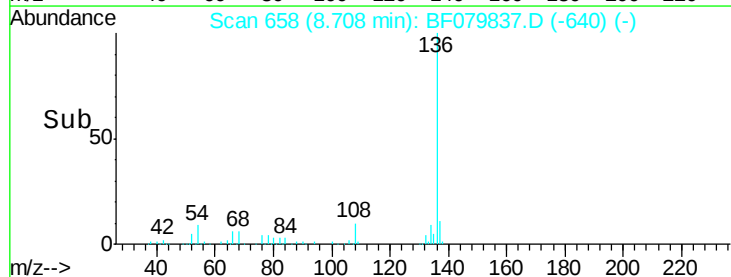
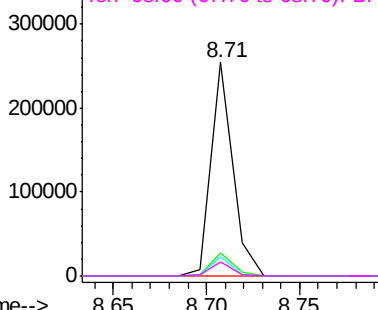


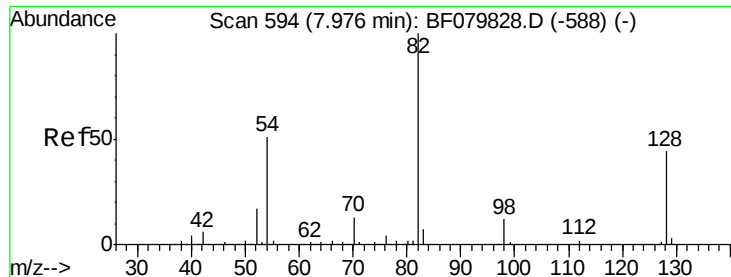
Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.10 ng

RT: 7.98 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF079837.D

Acq: 9 Jun 2015 17:45

Instrument :

BNA_F

ClientSampleId :

ERM-4

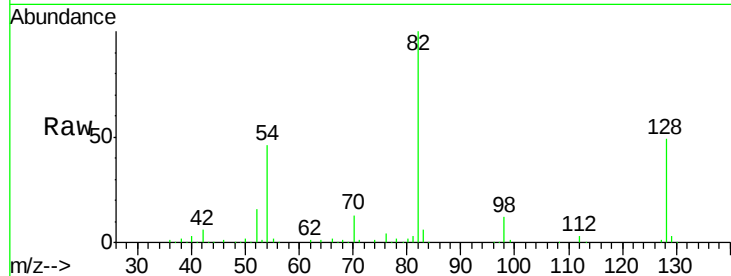
Tgt Ion: 82 Resp: 283560

Ion Ratio Lower Upper

82 100

128 48.6 35.2 52.8

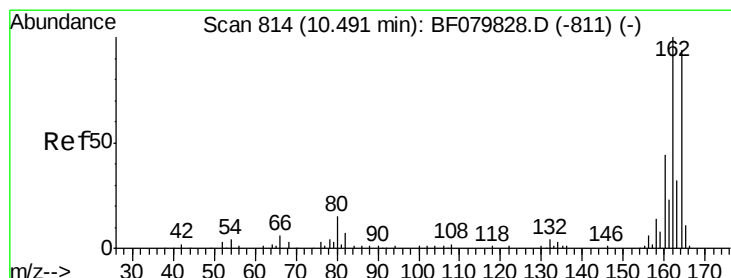
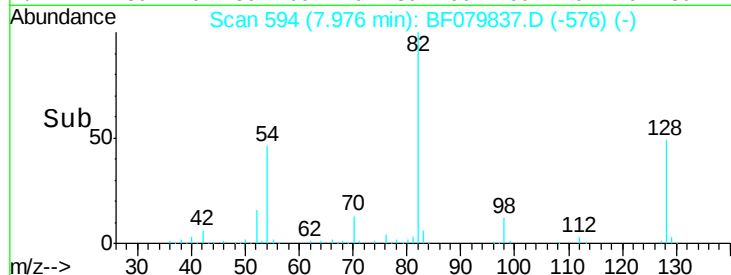
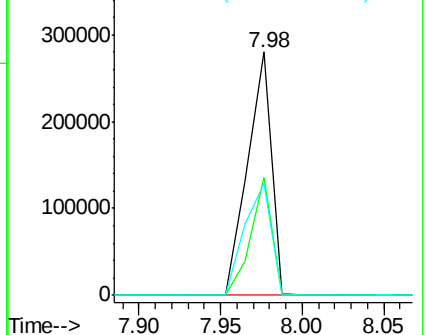
54 46.1 39.2 58.8



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: BF079837.D

Acq: 9 Jun 2015 17:45

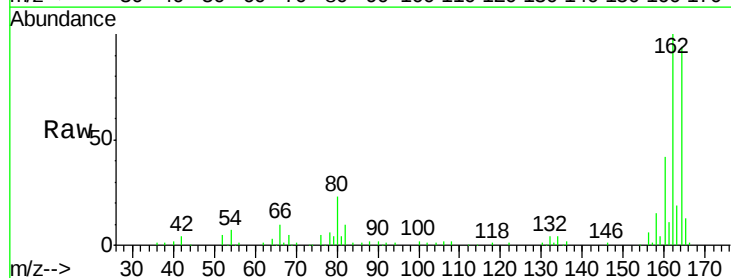
Tgt Ion: 164 Resp: 105287

Ion Ratio Lower Upper

164 100

162 106.0 89.8 134.8

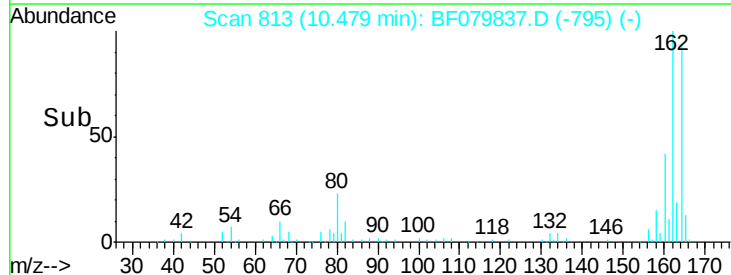
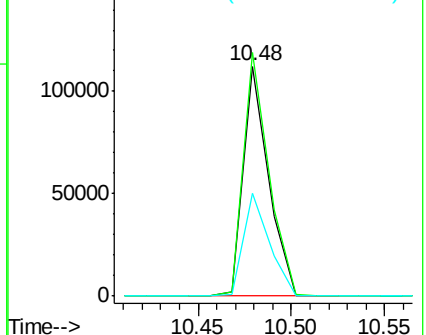
160 44.7 39.6 59.4

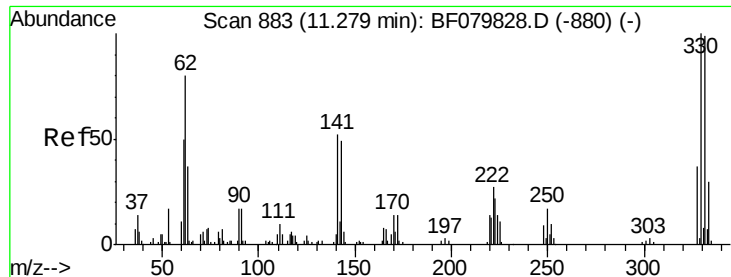


Abundance Ion 164.00 (163.70 to 164.70): BF079828.D (-811) (-)

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

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

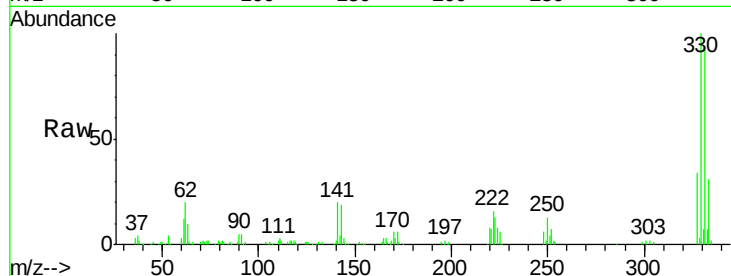




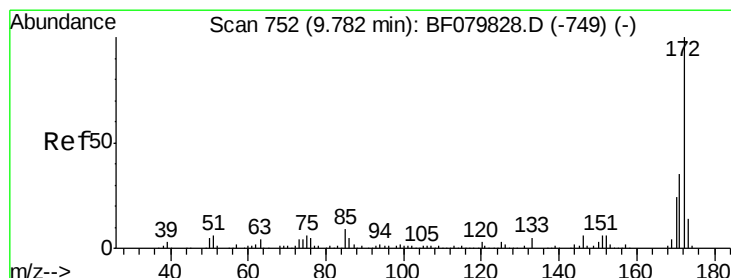
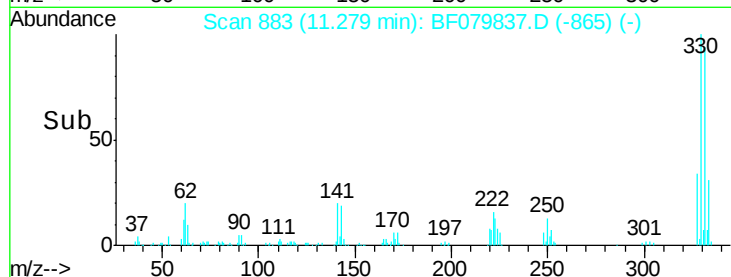
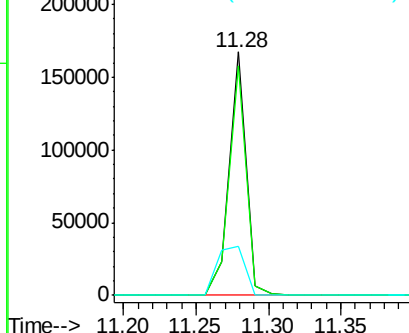
#41
 2,4,6-Tribromophenol
 Concen: 149.62 ng
 RT: 11.28 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF079837.D
 Acq: 9 Jun 2015 17:45

Instrument :
 BNA_F
 ClientSampleId :
 ERM-4

Tgt Ion:330 Resp: 136327
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.8 115.2
 141 33.0 29.1 43.7

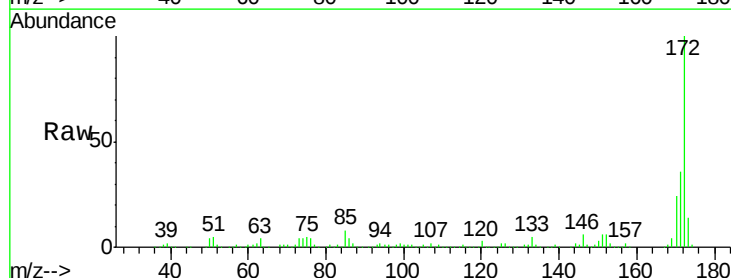


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

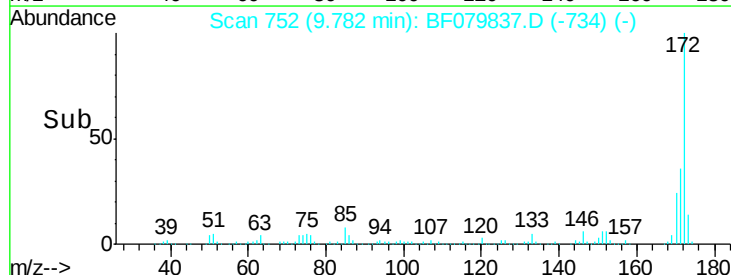
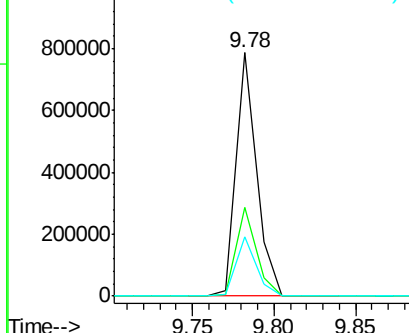


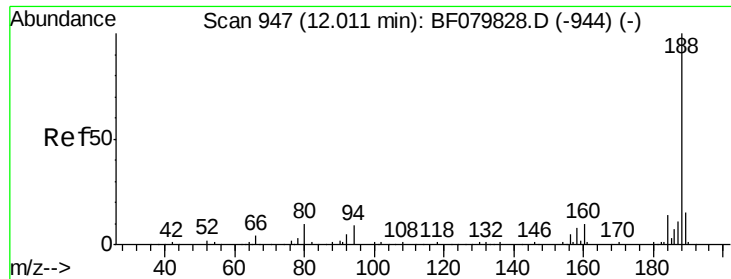
#44
 2-Fluorobiphenyl
 Concen: 90.00 ng
 RT: 9.78 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF079837.D
 Acq: 9 Jun 2015 17:45

Tgt Ion:172 Resp: 673736
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.5 42.7
 170 24.5 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

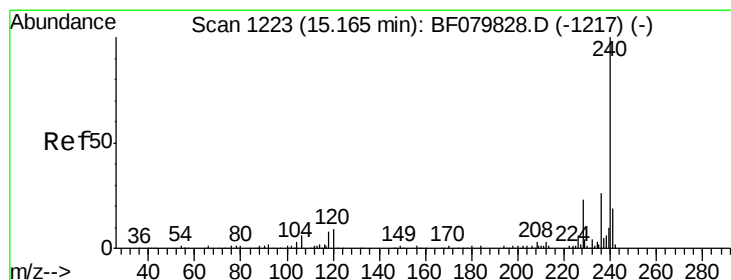
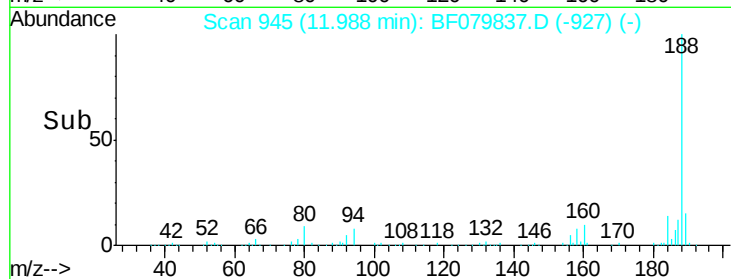
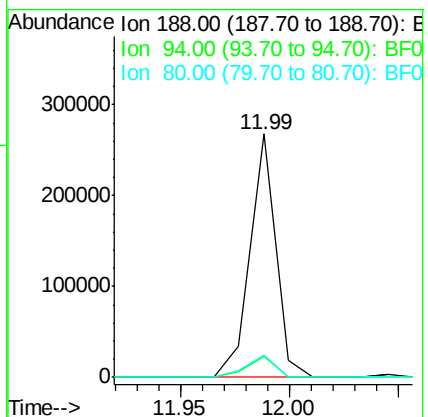
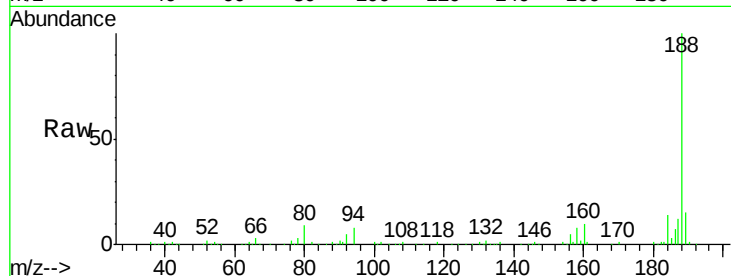




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.99 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF079837.D
Acq: 9 Jun 2015 17:45

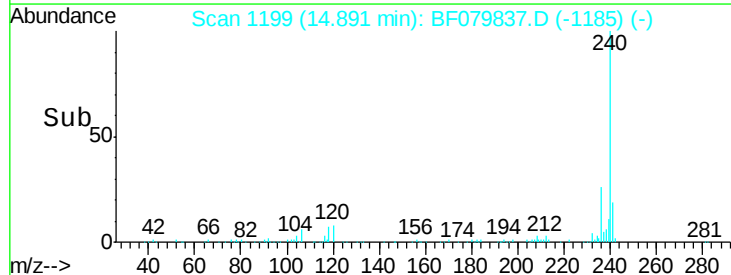
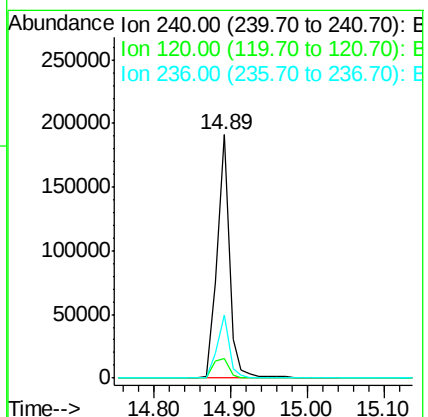
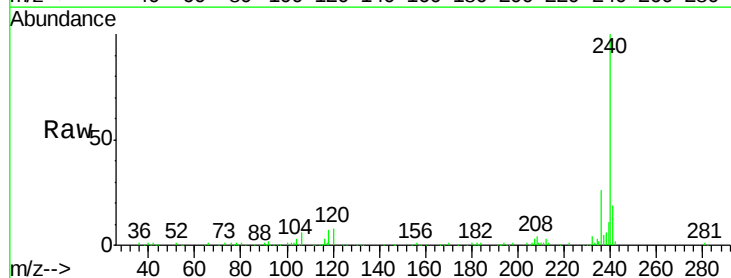
Instrument :
BNA_F
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ERM-4

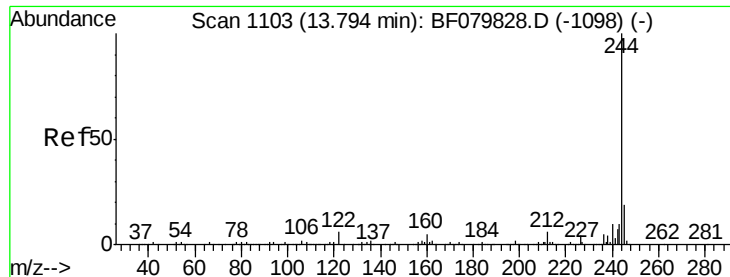
Tgt Ion:188 Resp: 220842
Ion Ratio Lower Upper
188 100
94 8.4 7.4 11.0
80 9.3 8.0 12.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.89 min Scan# 1199
Delta R.T. -0.05 min
Lab File: BF079837.D
Acq: 9 Jun 2015 17:45

Tgt Ion:240 Resp: 214888
Ion Ratio Lower Upper
240 100
120 8.1 6.6 9.8
236 25.8 20.2 30.4

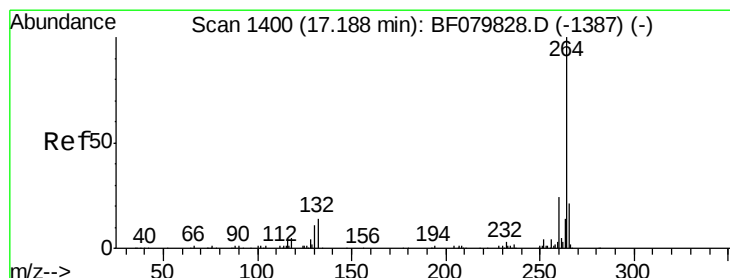
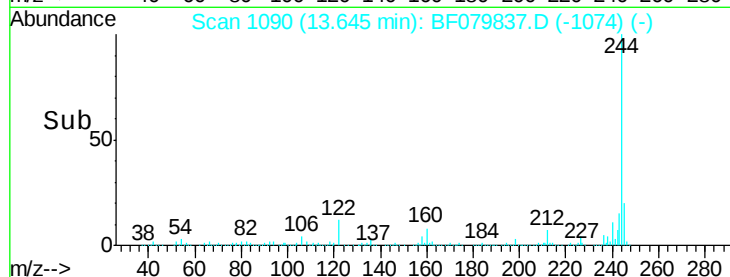
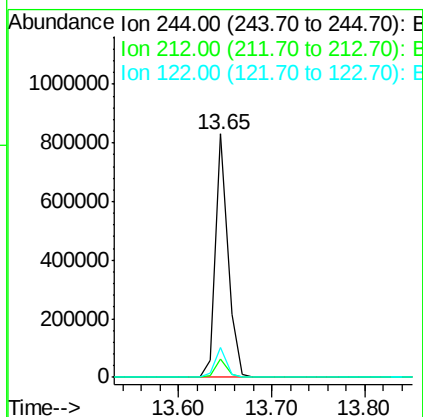
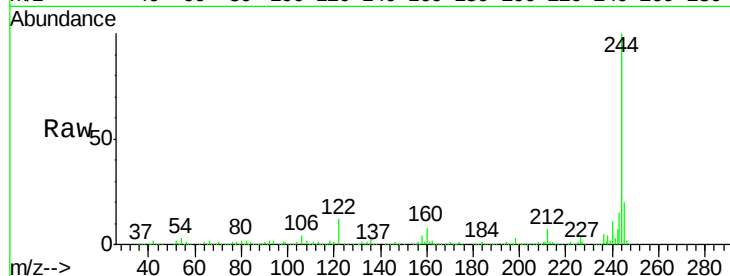




#78
 Terphenyl-d14
 Concen: 80.70 ng
 RT: 13.65 min Scan# 1090
 Delta R.T. -0.02 min
 Lab File: BF079837.D
 Acq: 9 Jun 2015 17:45

Instrument :
 BNA_F
 ClientSampleId :
 ERM-4

Tgt Ion:244 Resp: 769189
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 12.1 8.2 12.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.77 min Scan# 1363
 Delta R.T. -0.08 min
 Lab File: BF079837.D
 Acq: 9 Jun 2015 17:45

Tgt Ion:264 Resp: 198777
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 21.1 18.0 27.0

