

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060715\
 Data File : BF079795.D
 Acq On : 7 Jun 2015 5:45
 Operator : TP/IZ
 Sample : G2507-09
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PIER2-5(0-2)

Quant Time: Jun 09 01:12:50 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 09 01:08:34 2015
 Response via : Initial Calibration

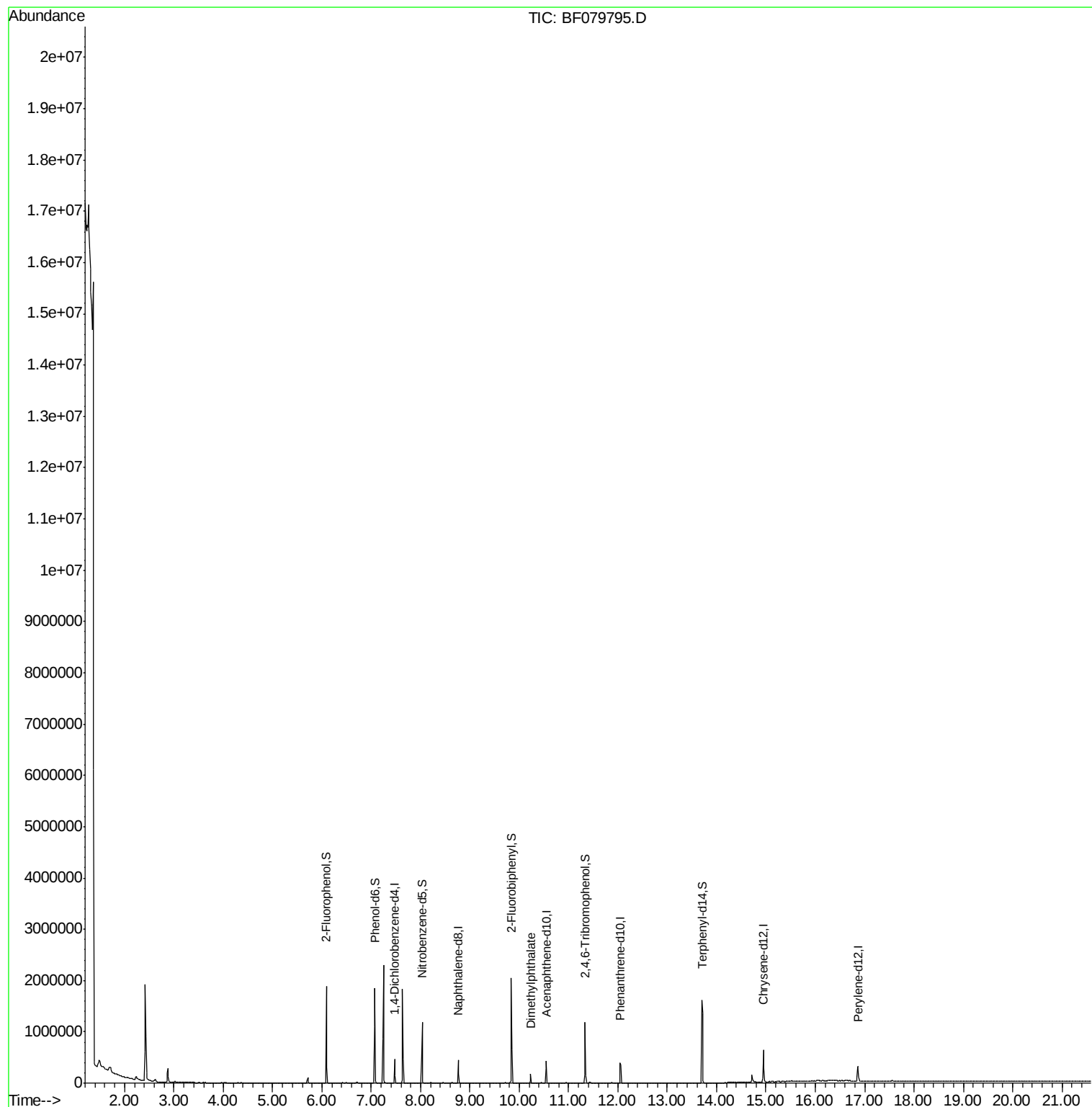
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	66377	20.00	ng	0.00
21) Naphthalene-d8	8.76	136	211318	20.00	ng	0.00
38) Acenaphthene-d10	10.55	164	107170	20.00	ng	0.00
63) Phenanthrene-d10	12.06	188	214984	20.00	ng	0.00
75) Chrysene-d12	14.95	240	264263	20.00	ng	-0.03
86) Perylene-d12	16.87	264	193822	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	448424	113.23	ng	0.00
7) Phenol-d6	7.07	99	748218	146.28	ng	0.00
23) Nitrobenzene-d5	8.03	82	395013	114.76	ng	0.00
41) 2,4,6-Tribromophenol	11.34	330	124203	121.17	ng	0.00
44) 2-Fluorobiphenyl	9.84	172	650042	82.18	ng	0.00
78) Terphenyl-d14	13.71	244	755276	65.46	ng	-0.01
Target Compounds						
49) Dimethylphthalate	10.23	163	73296	8.88	ng	Qvalue 99

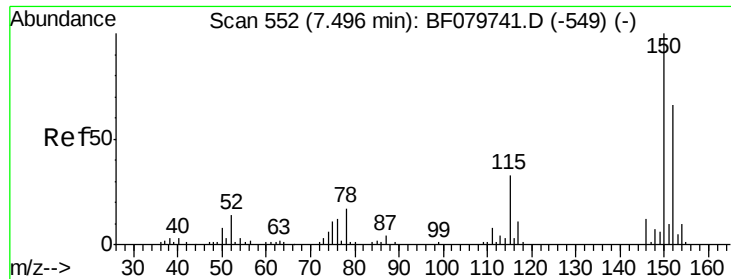
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.47 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF079795.D

Acq: 7 Jun 2015 5:45

Instrument :

BNA_F

ClientSampleId :

PIER2-5(0-2)

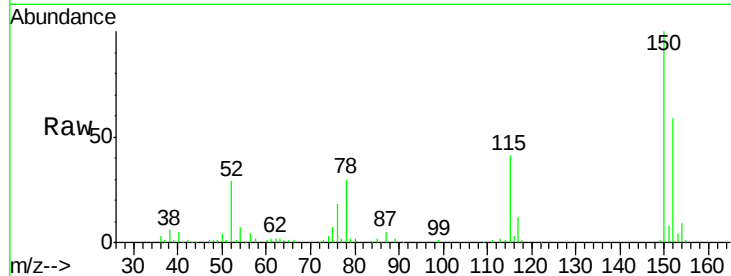
Tgt Ion:152 Resp: 66377

Ion Ratio Lower Upper

152 100

150 168.3 128.1 192.1

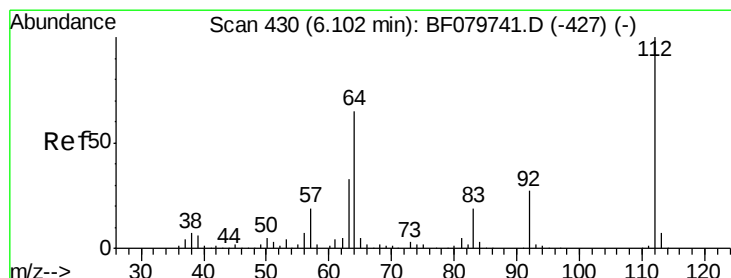
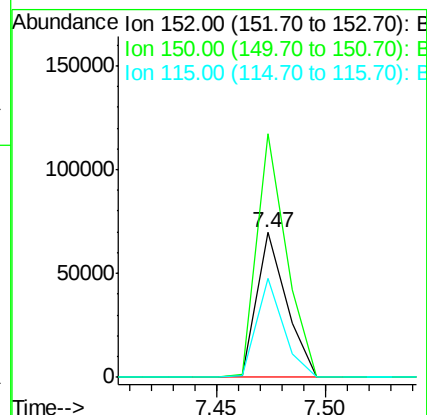
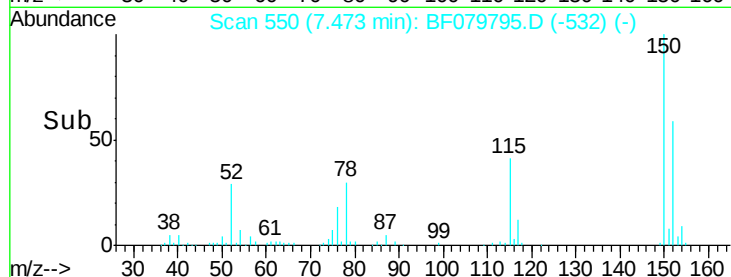
115 68.2 49.7 74.5



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: 113.23 ng

RT: 6.09 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF079795.D

Acq: 7 Jun 2015 5:45

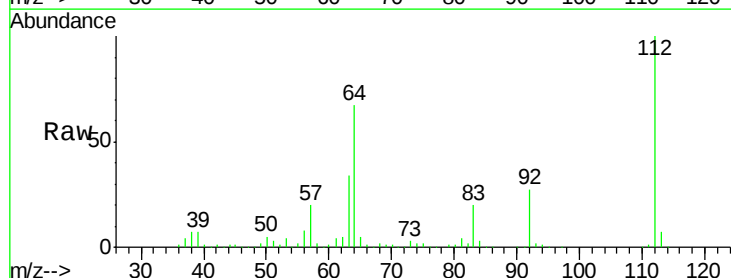
Tgt Ion:112 Resp: 448424

Ion Ratio Lower Upper

112 100

64 66.9 49.6 74.4

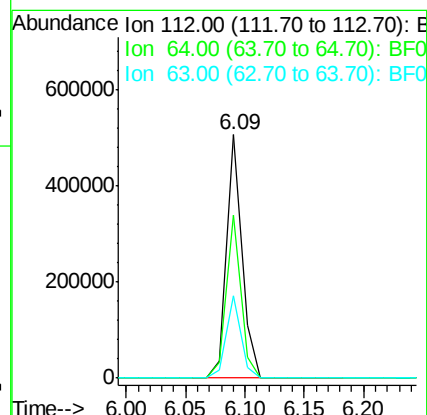
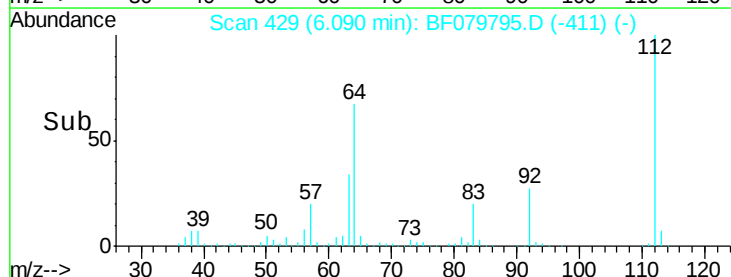
63 33.9 24.9 37.3

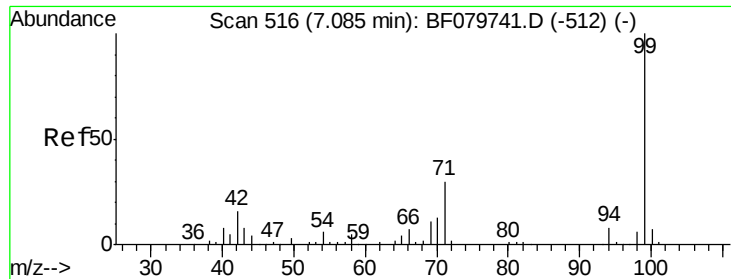


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 146.28 ng

RT: 7.07 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF079795.D

Acq: 7 Jun 2015 5:45

Instrument :

BNA_F

ClientSampleId :

PIER2-5(0-2)

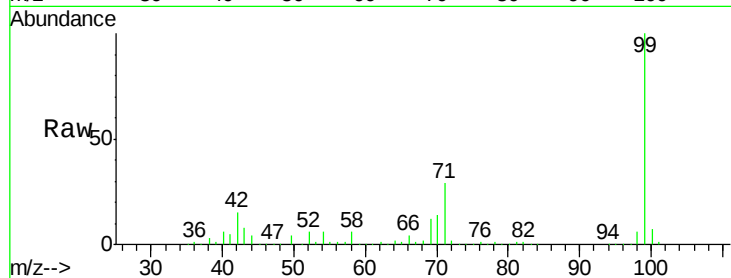
Tgt Ion: 99 Resp: 748218

Ion Ratio Lower Upper

99 100

42 15.4 18.0 27.0#

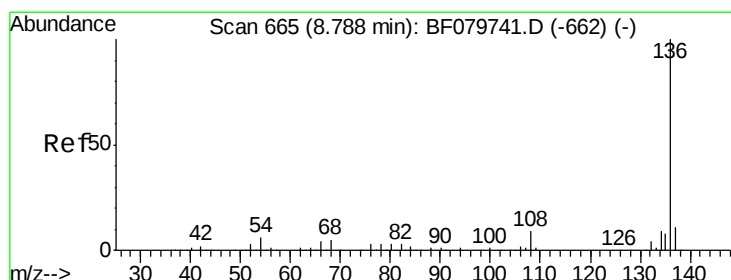
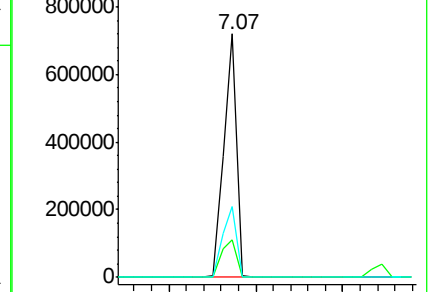
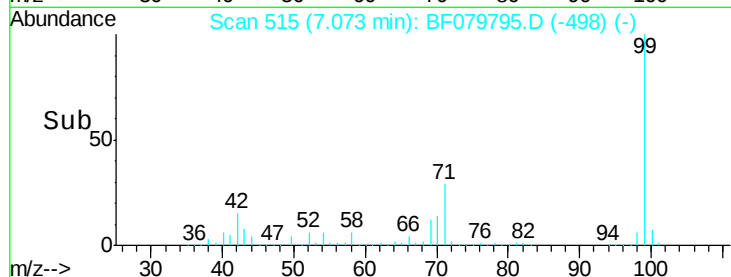
71 29.2 28.4 42.6



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. 0.00 min

Lab File: BF079795.D

Acq: 7 Jun 2015 5:45

Tgt Ion: 136 Resp: 211318

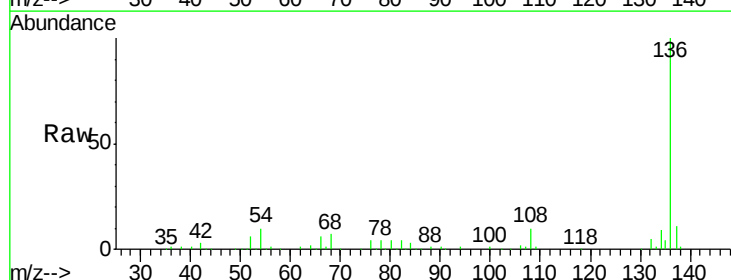
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 10.4 8.7 13.1

68 7.3 5.8 8.8

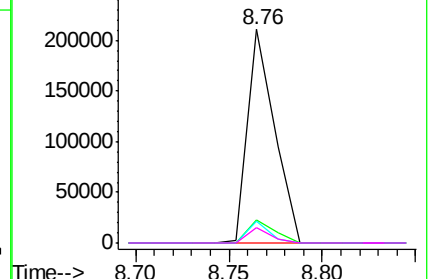
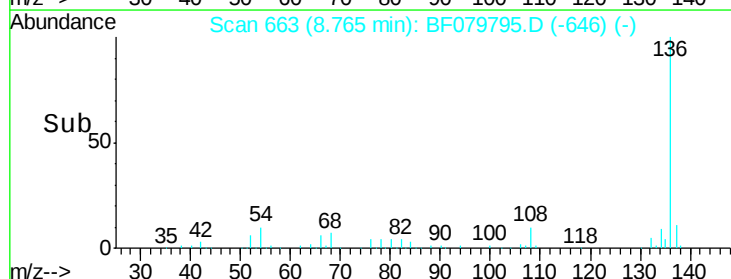


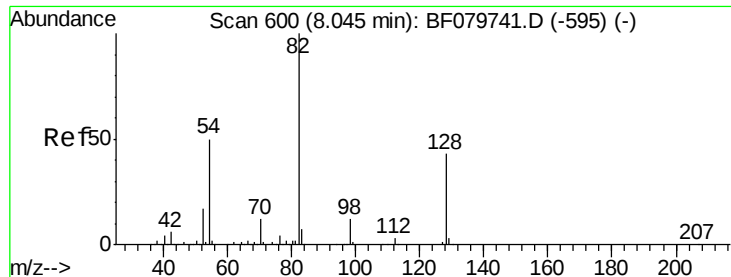
Abundance Ion 136.00 (135.70 to 136.70): E

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: 114.76 ng

RT: 8.03 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF079795.D

Acq: 7 Jun 2015 5:45

Instrument :

BNA_F

ClientSampleId :

PIER2-5(0-2)

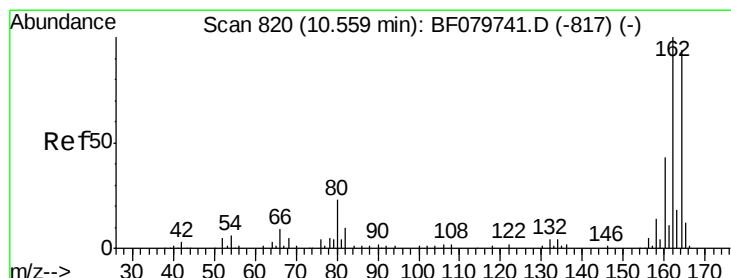
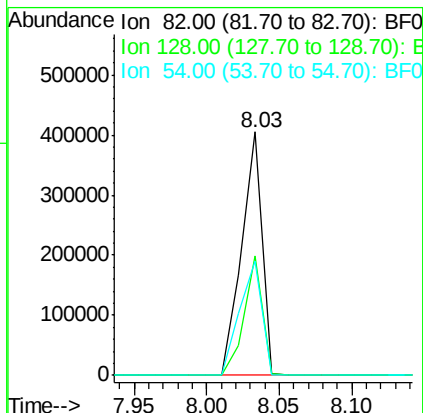
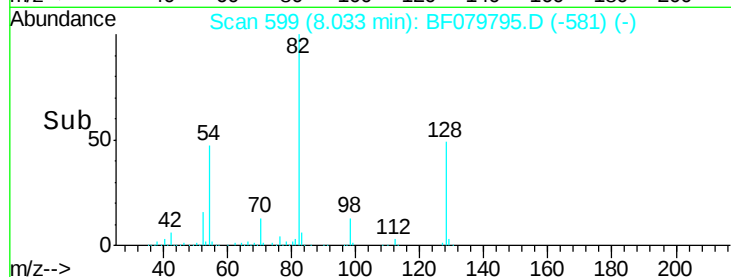
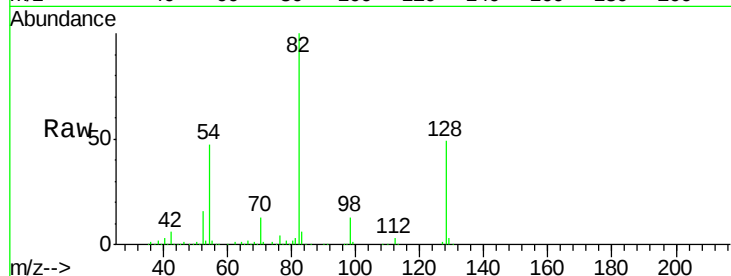
Tgt Ion: 82 Resp: 395013

Ion Ratio Lower Upper

82 100

128 49.1 37.6 56.4

54 47.1 39.4 59.2



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.55 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF079795.D

Acq: 7 Jun 2015 5:45

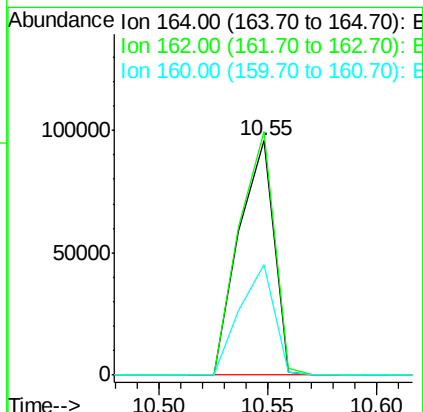
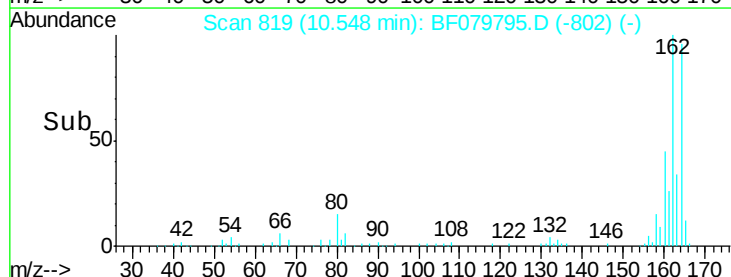
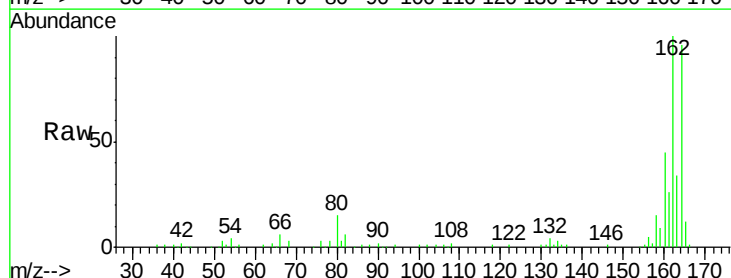
Tgt Ion: 164 Resp: 107170

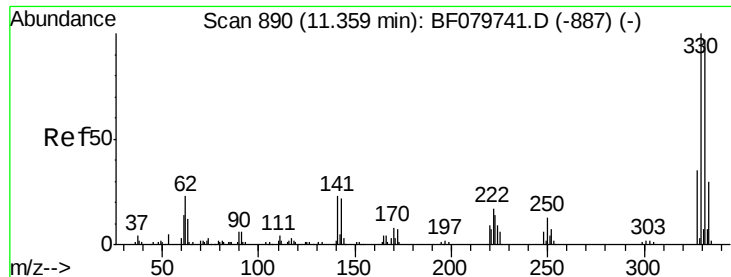
Ion Ratio Lower Upper

164 100

162 103.8 82.6 123.8

160 46.9 36.8 55.2

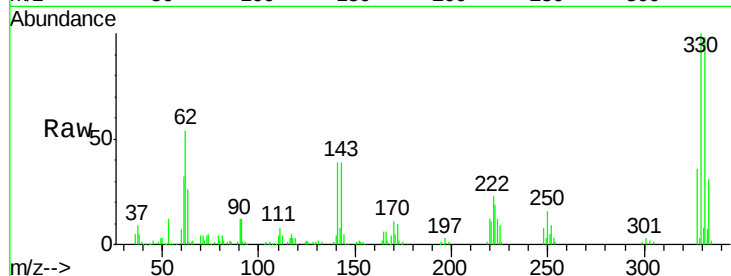




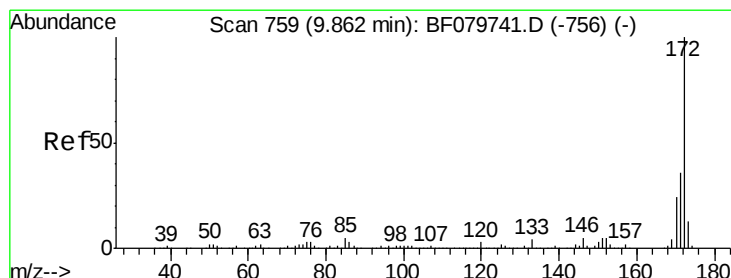
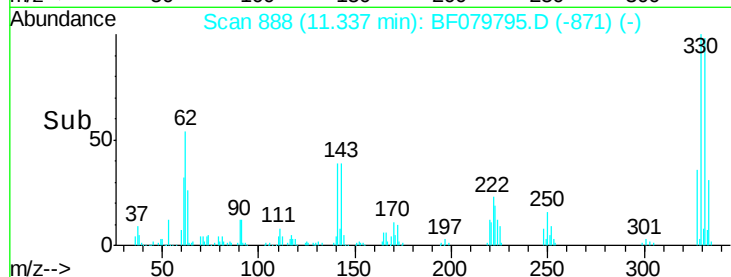
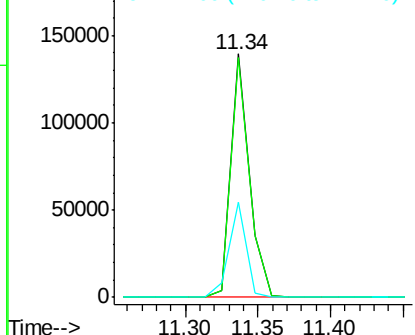
#41
 2,4,6-Tribromophenol
 Concen: 121.17 ng
 RT: 11.34 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: BF079795.D
 Acq: 7 Jun 2015 5:45

Instrument :
 BNA_F
 ClientSampleId :
 PIER2-5(0-2)

Tgt Ion:330 Resp: 124203
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.4 116.0
 141 36.6 30.2 45.2

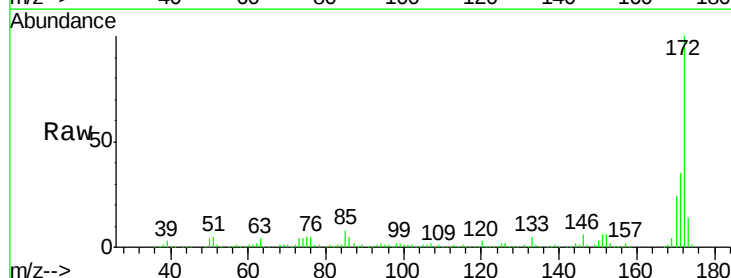


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

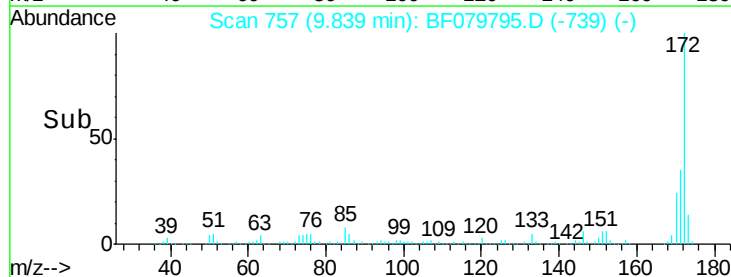
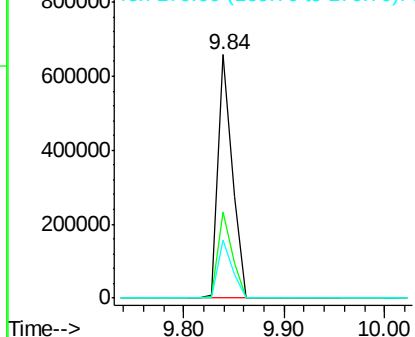


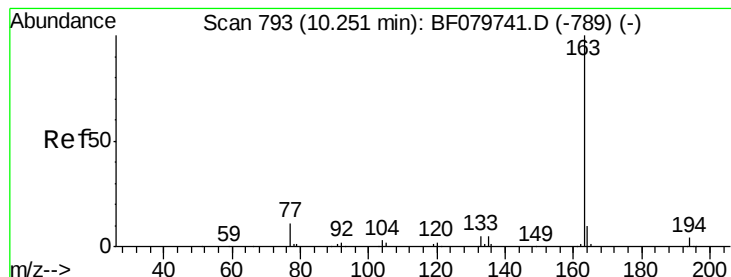
#44
 2-Fluorobiphenyl
 Concen: 82.18 ng
 RT: 9.84 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF079795.D
 Acq: 7 Jun 2015 5:45

Tgt Ion:172 Resp: 650042
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.4 44.0
 170 23.7 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





#49

Dimethylphthalate

Concen: 8.88 ng

RT: 10.23 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF079795.D

Acq: 7 Jun 2015 5:45

Instrument :

BNA_F

ClientSampleId :

PIER2-5(0-2)

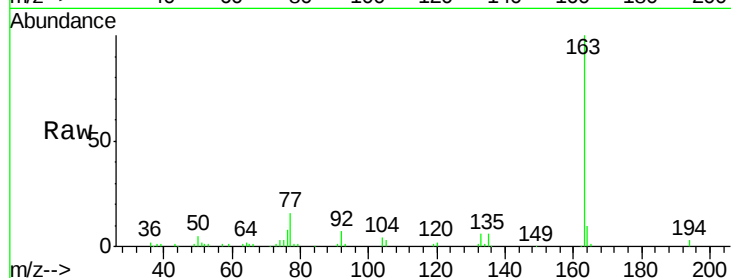
Tgt Ion:163 Resp: 73296

Ion Ratio Lower Upper

163 100

194 3.2 2.6 3.8

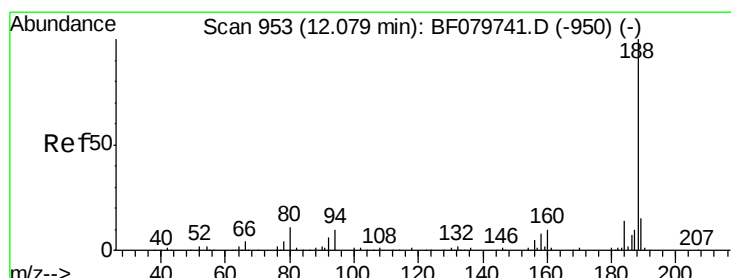
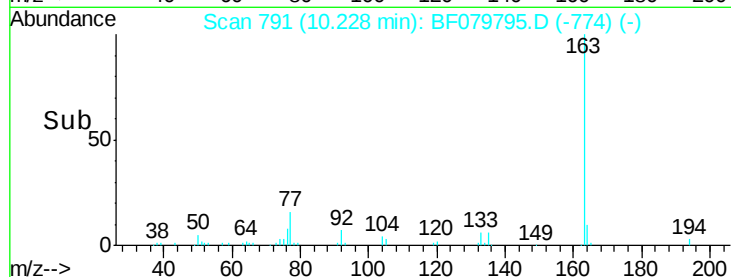
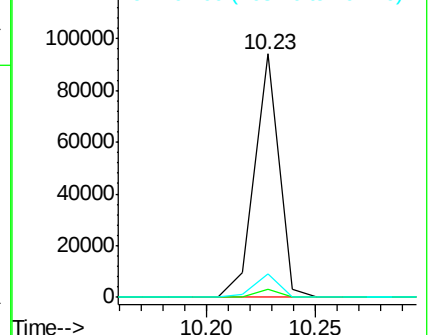
164 9.9 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.06 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF079795.D

Acq: 7 Jun 2015 5:45

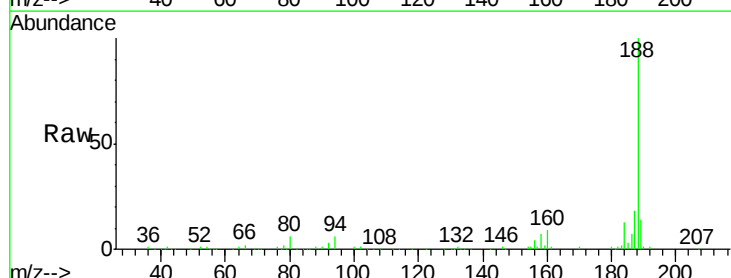
Tgt Ion:188 Resp: 214984

Ion Ratio Lower Upper

188 100

94 6.0 5.0 7.4

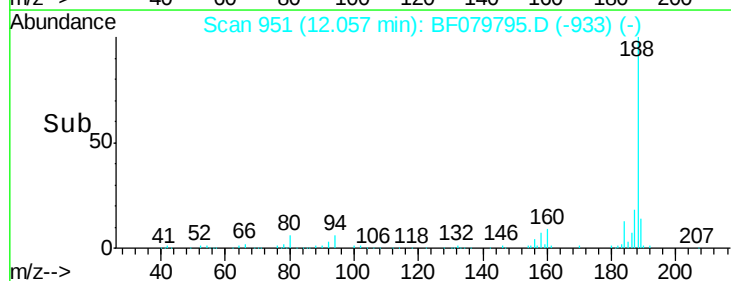
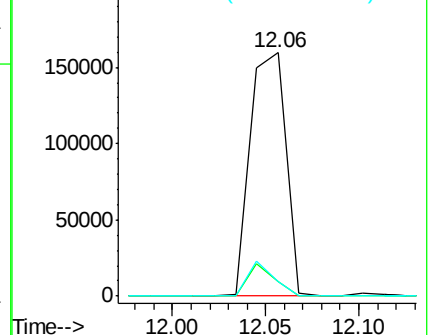
80 5.9 5.3 7.9

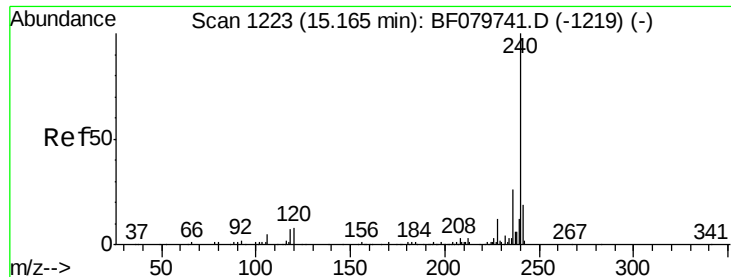


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.95 min Scan# 1204

Delta R.T. -0.03 min

Lab File: BF079795.D

Acq: 7 Jun 2015 5:45

Instrument :

BNA_F

ClientSampleId :

PIER2-5(0-2)

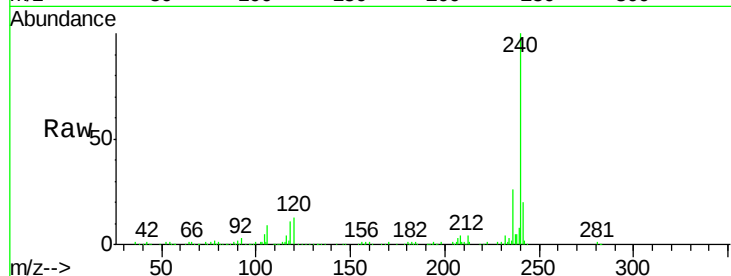
Tgt Ion:240 Resp: 264263

Ion Ratio Lower Upper

240 100

120 12.9 6.2 9.2#

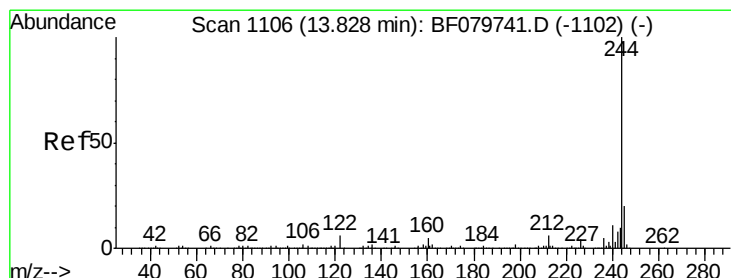
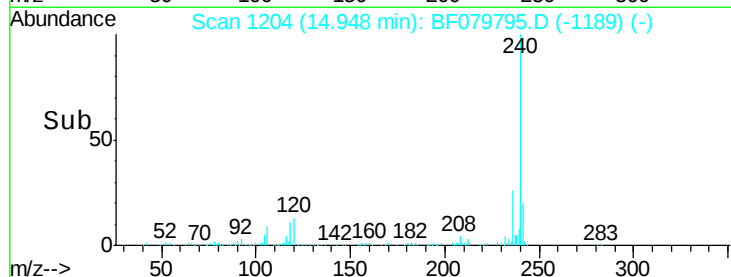
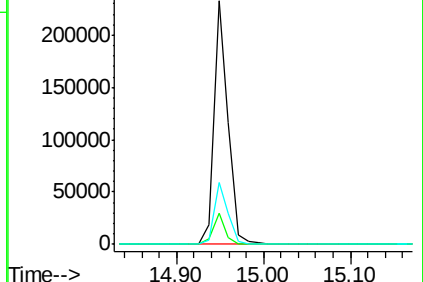
236 25.5 21.0 31.4



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



#78

Terphenyl-d14

Concen: 65.46 ng

RT: 13.71 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BF079795.D

Acq: 7 Jun 2015 5:45

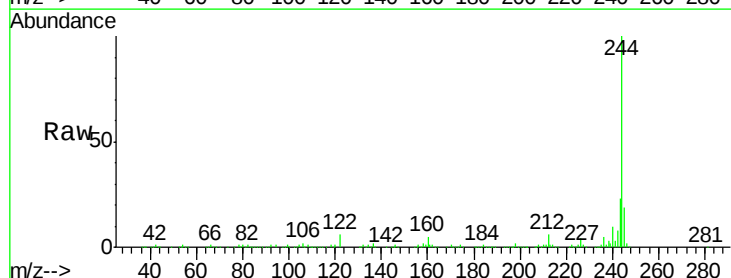
Tgt Ion:244 Resp: 755276

Ion Ratio Lower Upper

244 100

212 6.3 6.1 9.1

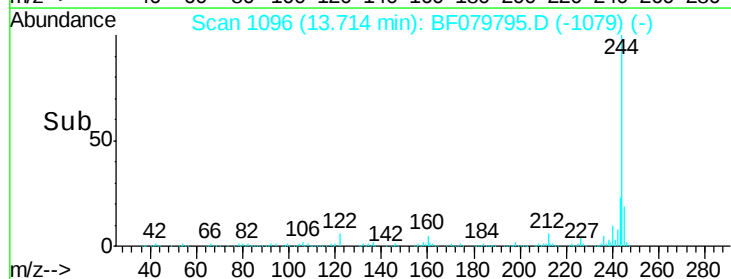
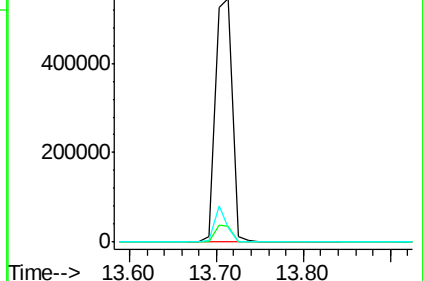
122 6.1 9.3 13.9#

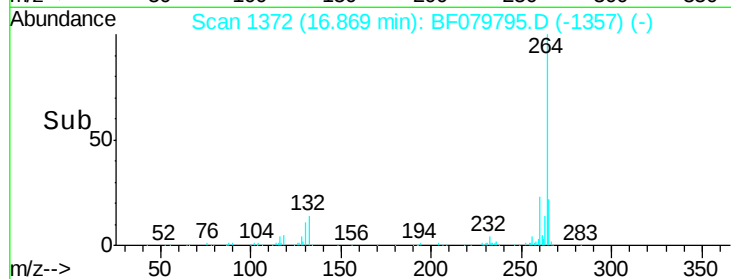
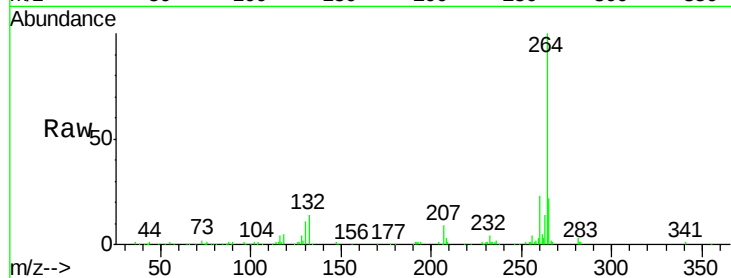
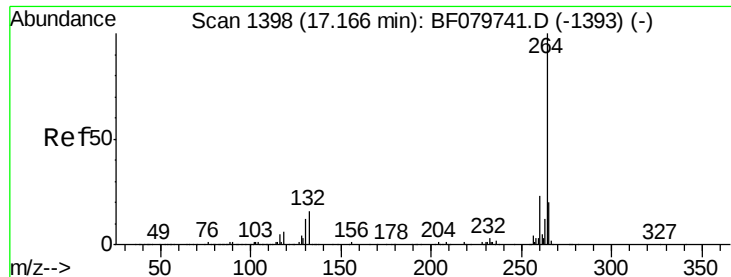


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.87 min Scan# 1372

Delta R.T. -0.03 min

Lab File: BF079795.D

Acq: 7 Jun 2015 5:45

Instrument :

BNA_F

ClientSampleId :

PIER2-5(0-2)

Tgt Ion: 264 Resp: 193822

Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 22.1 18.2 27.4

