

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060715\
 Data File : BF079793.D
 Acq On : 7 Jun 2015 4:47
 Operator : TP/IZ
 Sample : G2507-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Jun 09 01:12:30 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

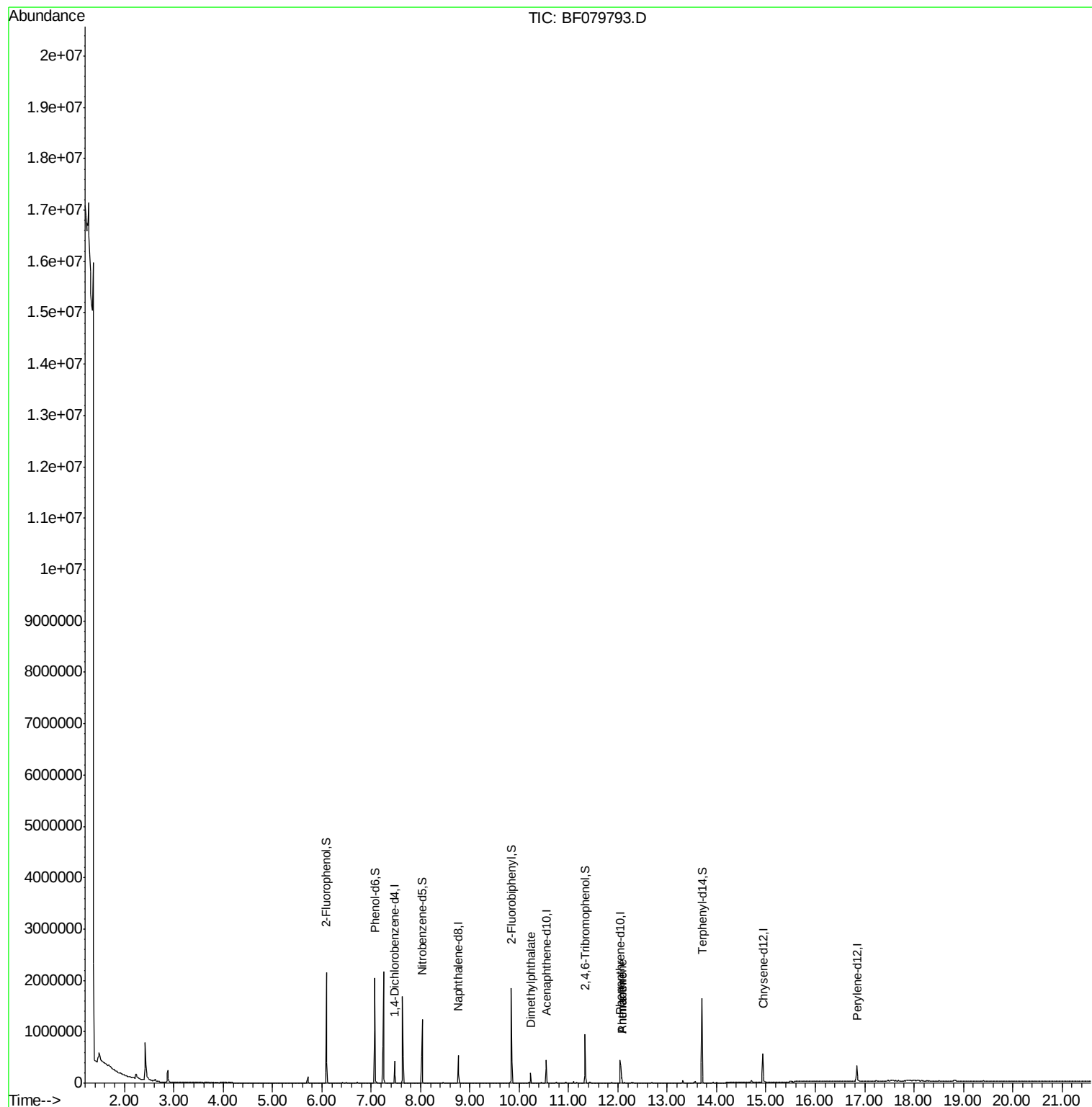
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	67483	20.00	ng	0.00
21) Naphthalene-d8	8.76	136	239306	20.00	ng	0.00
38) Acenaphthene-d10	10.55	164	110128	20.00	ng	0.00
63) Phenanthrene-d10	12.05	188	222796	20.00	ng	-0.01
75) Chrysene-d12	14.94	240	226235	20.00	ng	-0.05
86) Perylene-d12	16.85	264	202634	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	523787	130.09	ng	0.00
7) Phenol-d6	7.07	99	777347	149.48	ng	0.00
23) Nitrobenzene-d5	8.03	82	408946	104.91	ng	0.00
41) 2,4,6-Tribromophenol	11.34	330	97869	92.92	ng	0.00
44) 2-Fluorobiphenyl	9.84	172	540812	66.53	ng	0.00
78) Terphenyl-d14	13.70	244	534667	54.13	ng	-0.02
Target Compounds						
49) Dimethylphthalate	10.23	163	79249	9.34	ng	96
70) Phenanthrene	12.08	178	56381	4.32	ng	96
71) Anthracene	12.08	178	56381	4.38	ng	98

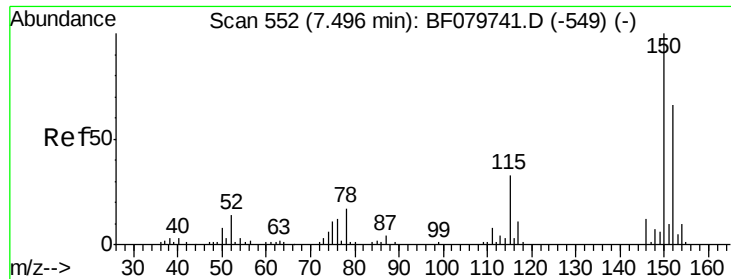
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.M
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QLast Update : Tue Jun 09 01:08:34 2015
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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: BF079793.D

Acq: 7 Jun 2015 4:47

Instrument :

BNA_F

ClientSampleId :

PIER2-2(0-2)

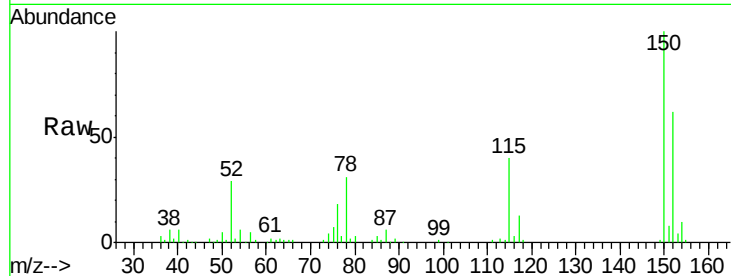
Tgt Ion:152 Resp: 67483

Ion Ratio Lower Upper

152 100

150 161.6 128.1 192.1

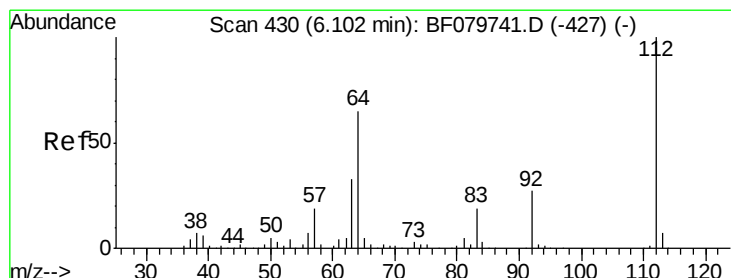
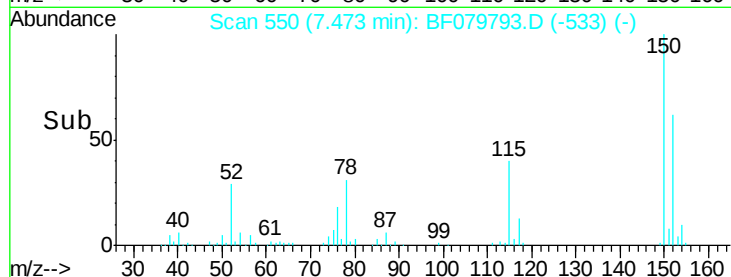
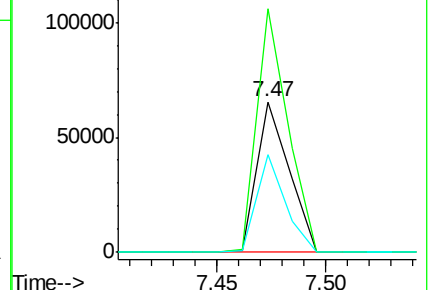
115 65.0 49.7 74.5



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: 130.09 ng

RT: 6.09 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF079793.D

Acq: 7 Jun 2015 4:47

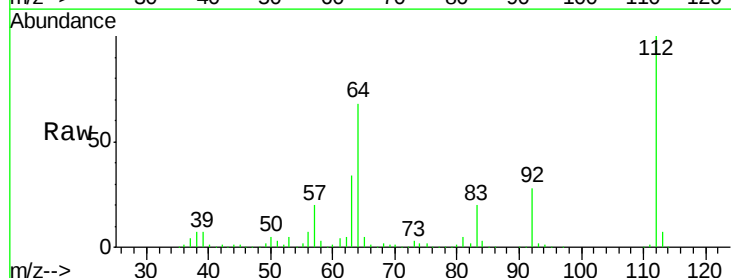
Tgt Ion:112 Resp: 523787

Ion Ratio Lower Upper

112 100

64 67.9 49.6 74.4

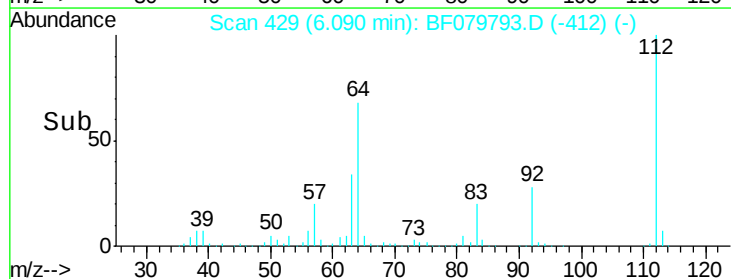
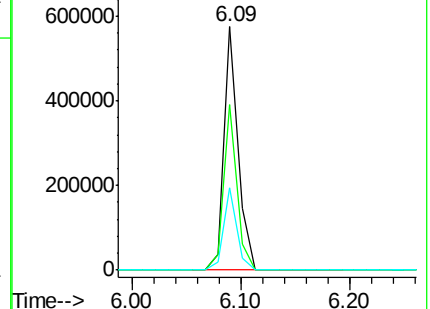
63 33.7 24.9 37.3

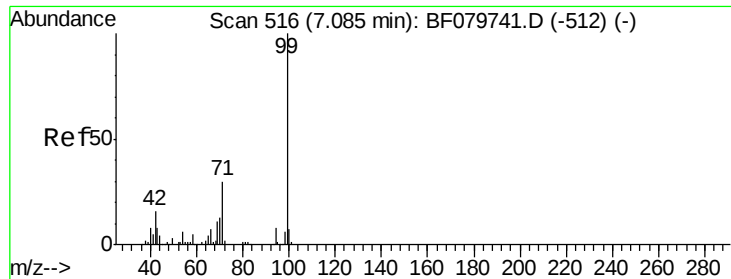


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 149.48 ng

RT: 7.07 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF079793.D

Acq: 7 Jun 2015 4:47

Instrument :

BNA_F

ClientSampleId :

PIER2-2(0-2)

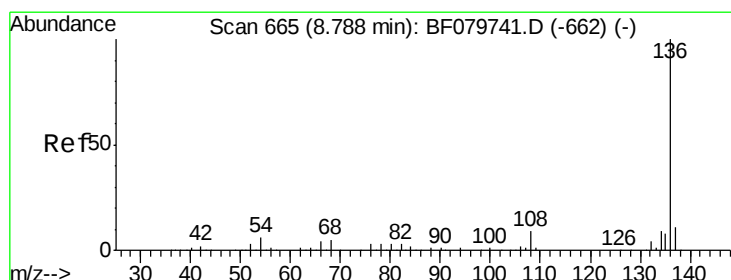
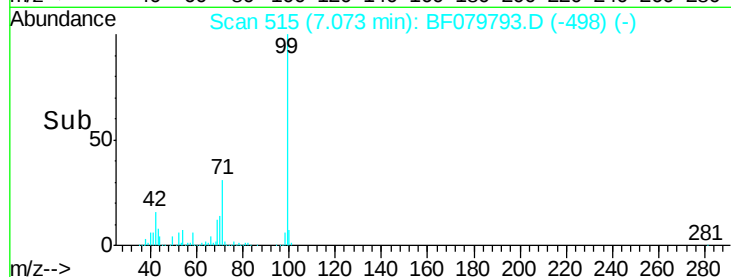
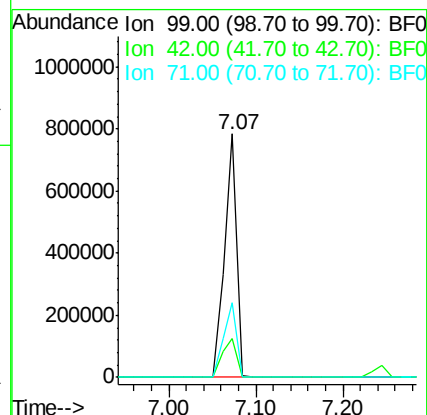
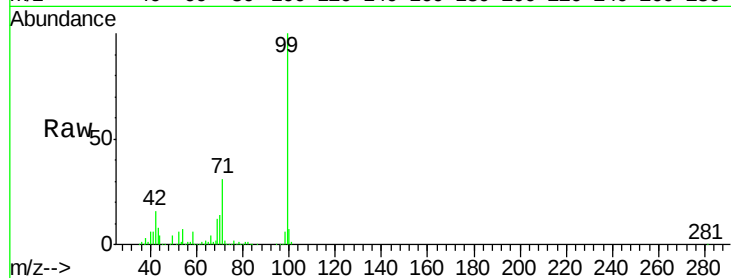
Tgt Ion: 99 Resp: 777347

Ion Ratio Lower Upper

99 100

42 15.9 18.0 27.0#

71 30.5 28.4 42.6



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.76 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF079793.D

Acq: 7 Jun 2015 4:47

Tgt Ion: 136 Resp: 239306

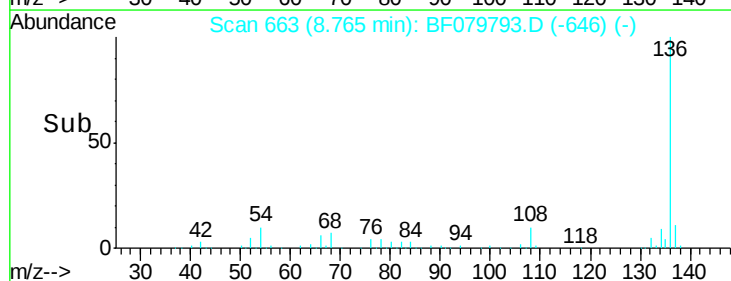
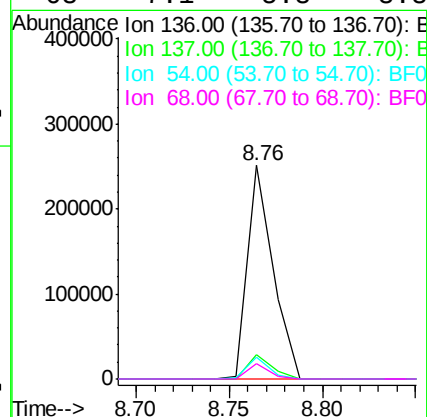
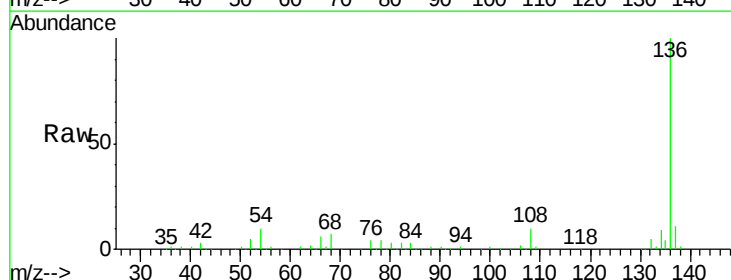
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 10.0 8.7 13.1

68 7.1 5.8 8.8

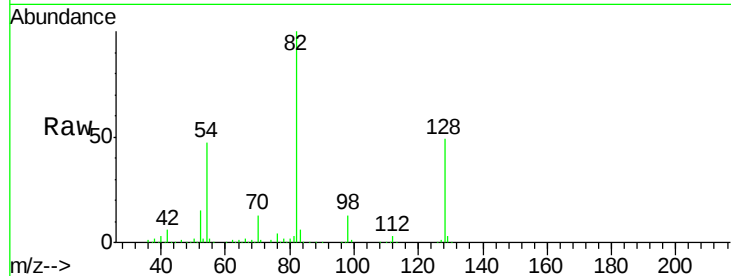




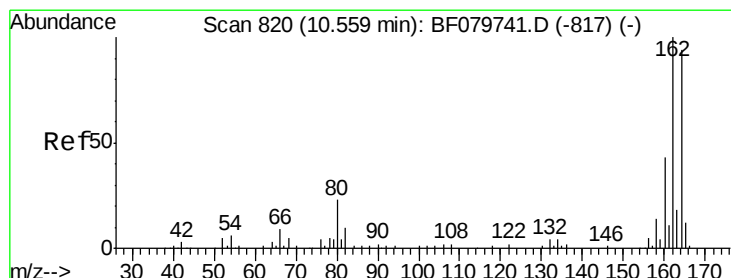
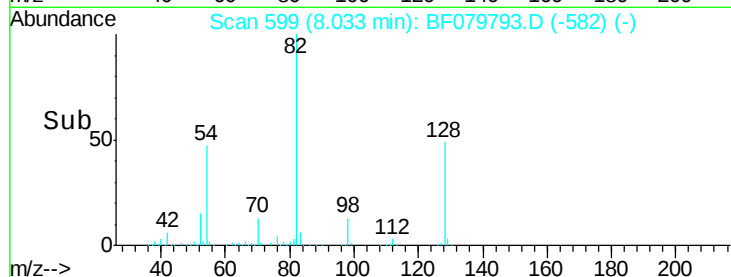
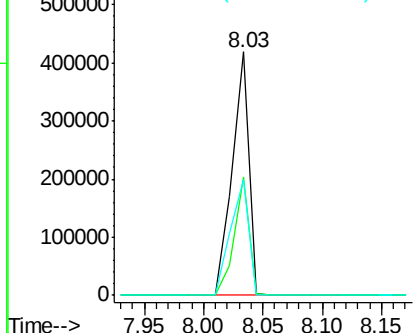
#23
Nitrobenzene-d5
Concen: 104.91 ng
RT: 8.03 min Scan# 599
Delta R.T. -0.00 min
Lab File: BF079793.D
Acq: 7 Jun 2015 4:47

Instrument :
BNA_F
ClientSampled :
PIER2-2(0-2)

Tgt Ion: 82 Resp: 408946
Ion Ratio Lower Upper
82 100
128 48.8 37.6 56.4
54 47.4 39.4 59.2

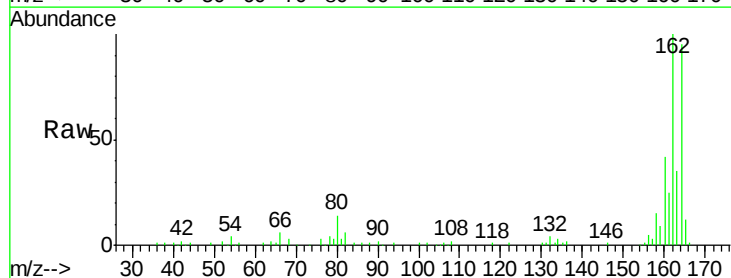


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

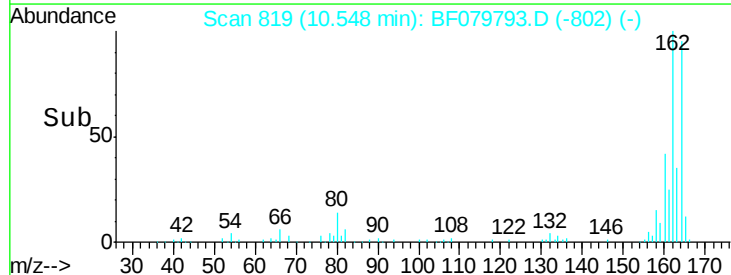
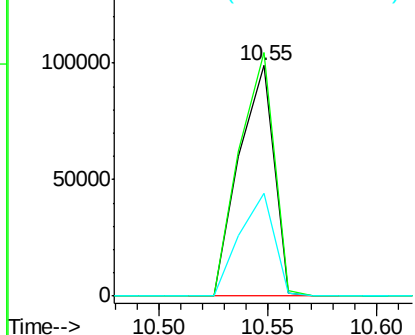


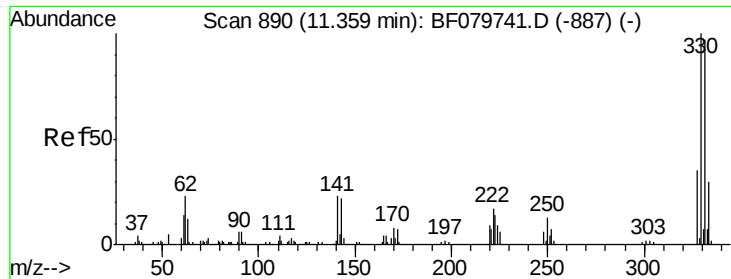
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.55 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF079793.D
Acq: 7 Jun 2015 4:47

Tgt Ion: 164 Resp: 110128
Ion Ratio Lower Upper
164 100
162 105.5 82.6 123.8
160 44.8 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

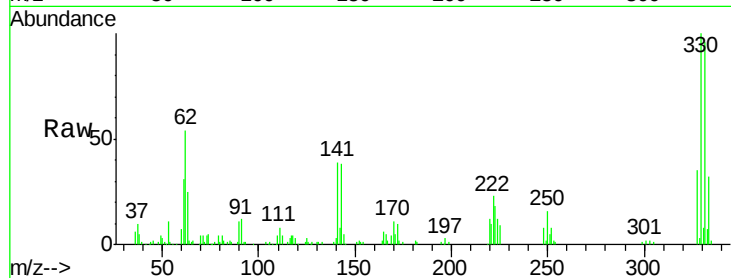




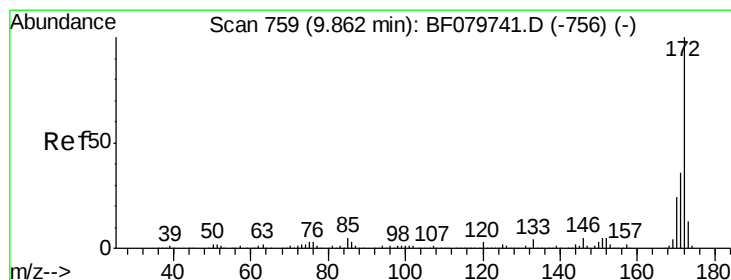
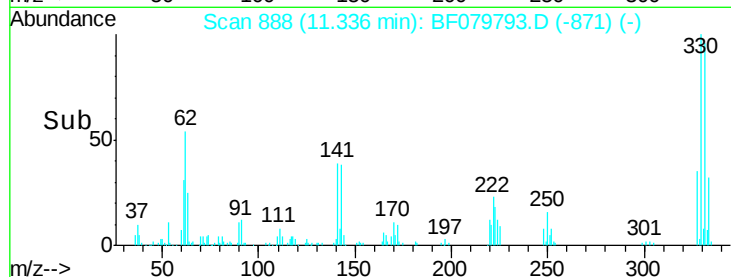
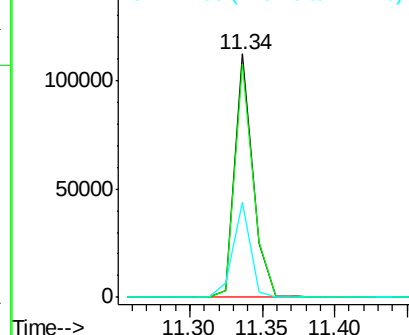
#41
 2,4,6-Tribromophenol
 Concen: 92.92 ng
 RT: 11.34 min Scan# 888
 Delta R.T. -0.00 min
 Lab File: BF079793.D
 Acq: 7 Jun 2015 4:47

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

Tgt Ion:330 Resp: 97869
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.4 116.0
 141 37.4 30.2 45.2

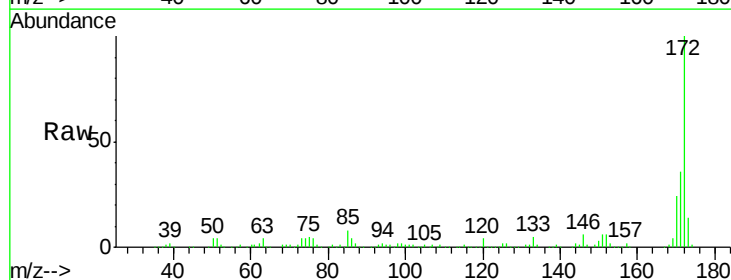


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

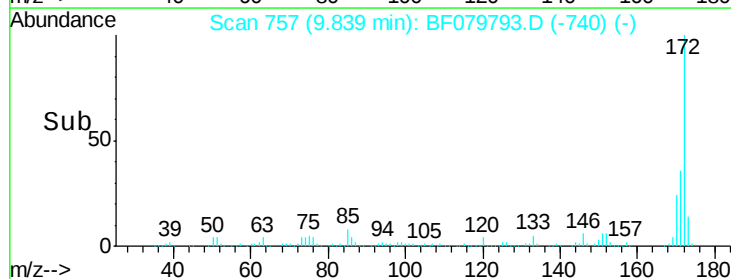
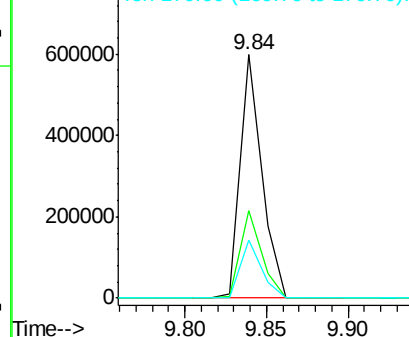


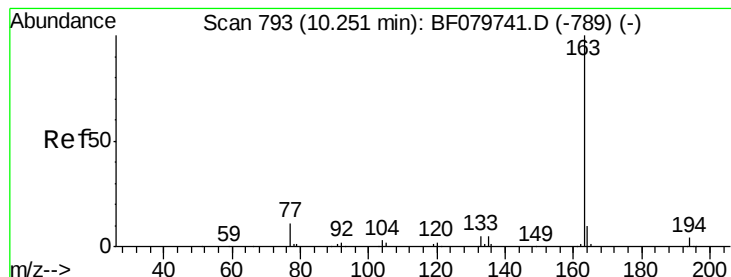
#44
 2-Fluorobiphenyl
 Concen: 66.53 ng
 RT: 9.84 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF079793.D
 Acq: 7 Jun 2015 4:47

Tgt Ion:172 Resp: 540812
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 23.8 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: 9.34 ng

RT: 10.23 min Scan# 791

Delta R.T. -0.00 min

Lab File: BF079793.D

Acq: 7 Jun 2015 4:47

Instrument :

BNA_F

ClientSampleId :

PIER2-2(0-2)

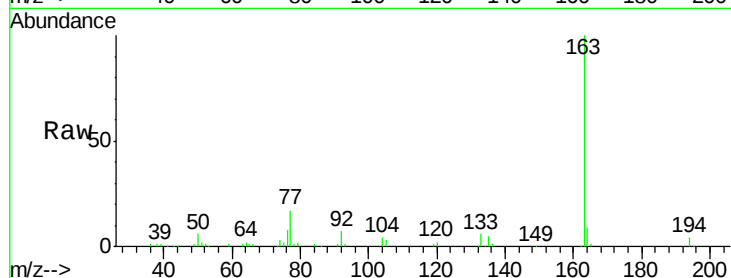
Tgt Ion:163 Resp: 79249

Ion Ratio Lower Upper

163 100

194 3.8 2.6 3.8

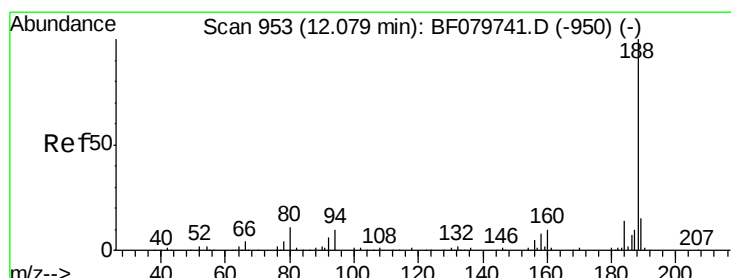
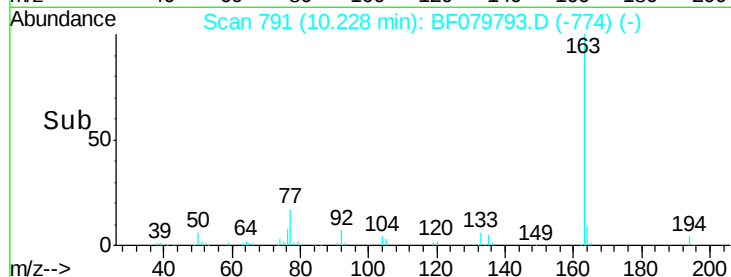
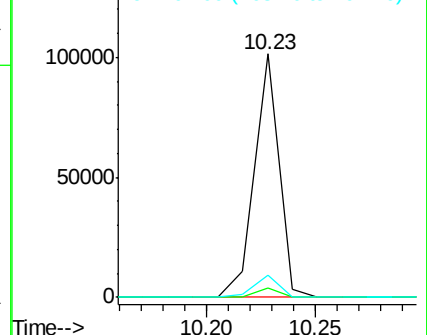
164 9.0 8.5 12.7



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: 12.05 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF079793.D

Acq: 7 Jun 2015 4:47

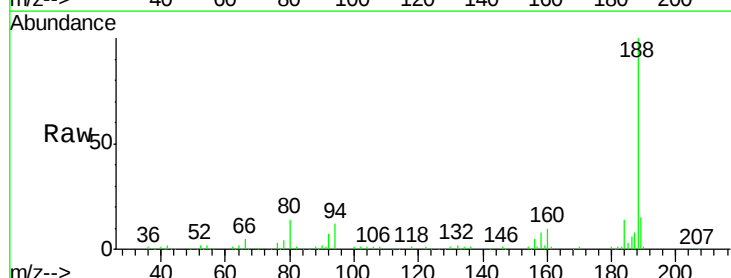
Tgt Ion:188 Resp: 222796

Ion Ratio Lower Upper

188 100

94 11.9 5.0 7.4#

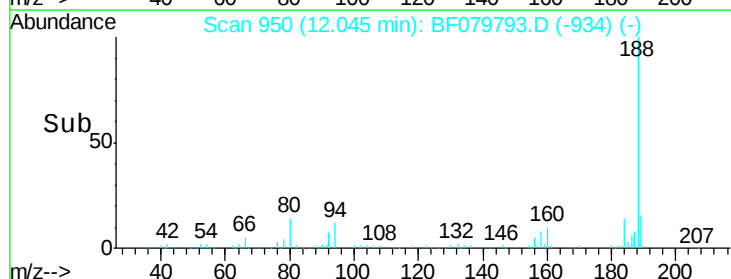
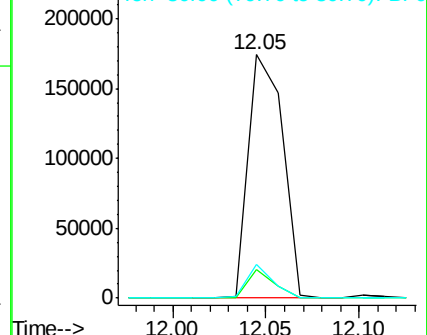
80 14.0 5.3 7.9#

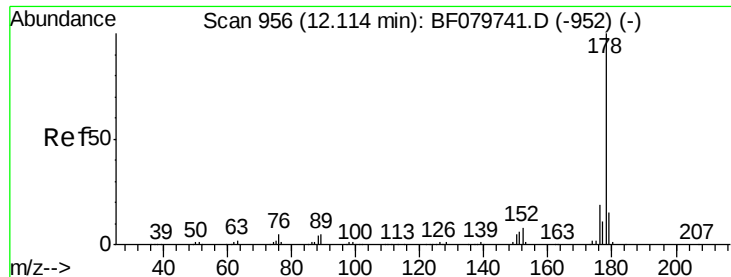


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

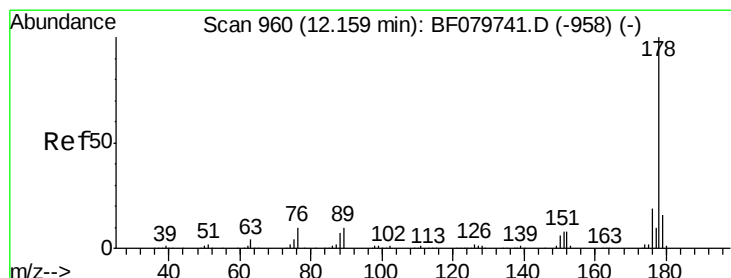
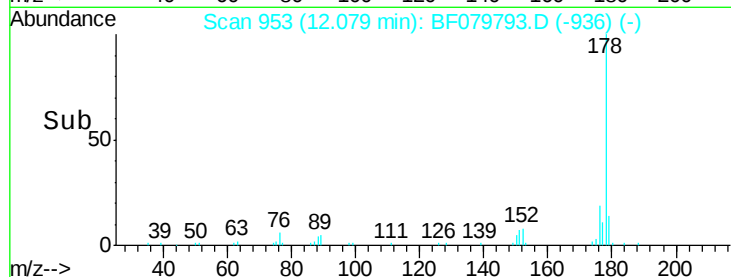
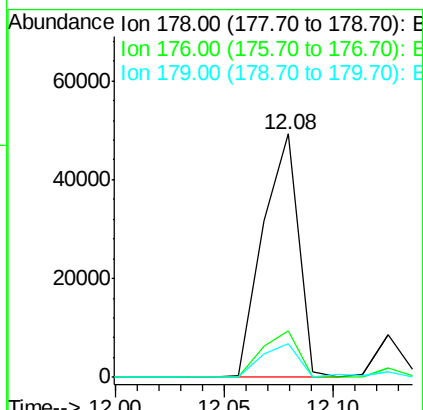
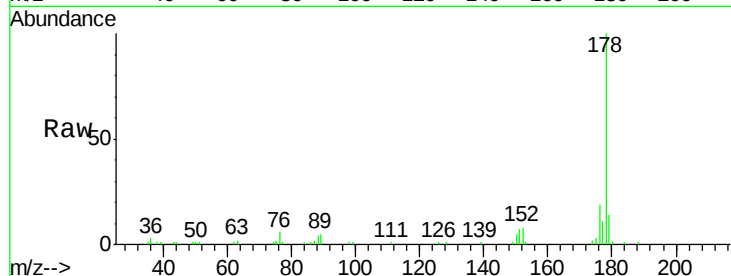




#70
Phenanthrene
Concen: 4.32 ng
RT: 12.08 min Scan# 953
Delta R.T. -0.00 min
Lab File: BF079793.D
Acq: 7 Jun 2015 4:47

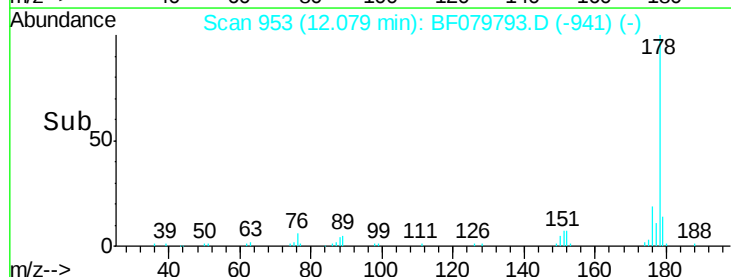
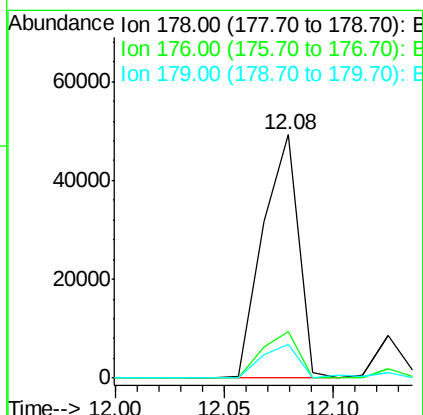
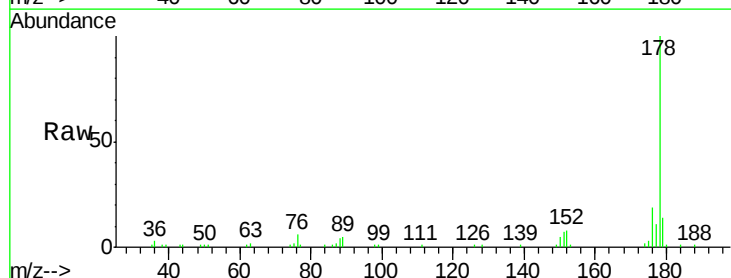
Instrument :
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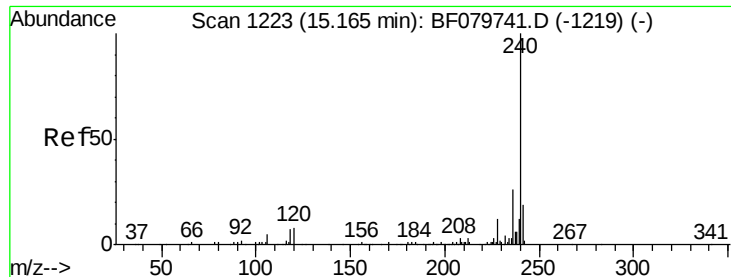
Tgt Ion:178 Resp: 56381
Ion Ratio Lower Upper
178 100
176 18.9 16.2 24.4
179 13.9 12.6 19.0



#71
Anthracene
Concen: 4.38 ng
RT: 12.08 min Scan# 953
Delta R.T. -0.06 min
Lab File: BF079793.D
Acq: 7 Jun 2015 4:47

Tgt Ion:178 Resp: 56381
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 13.9 12.2 18.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.94 min Scan# 1203

Delta R.T. -0.05 min

Lab File: BF079793.D

Acq: 7 Jun 2015 4:47

Instrument :

BNA_F

ClientSampleId :

PIER2-2(0-2)

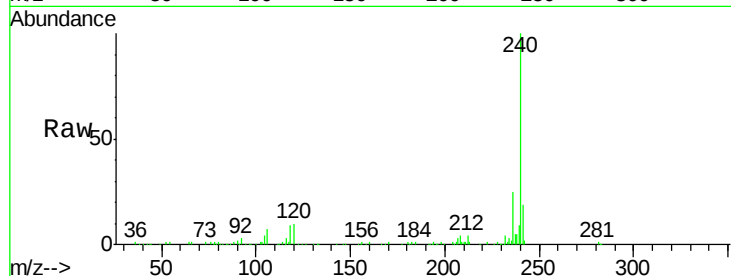
Tgt Ion:240 Resp: 226235

Ion Ratio Lower Upper

240 100

120 10.0 6.2 9.2#

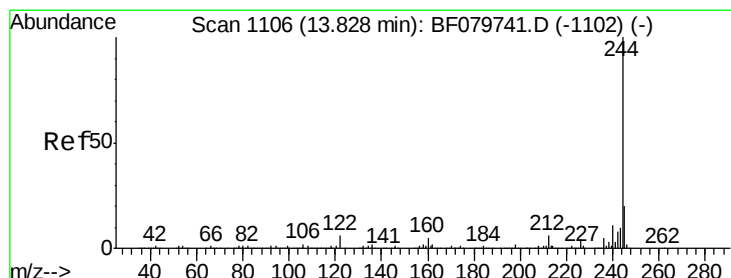
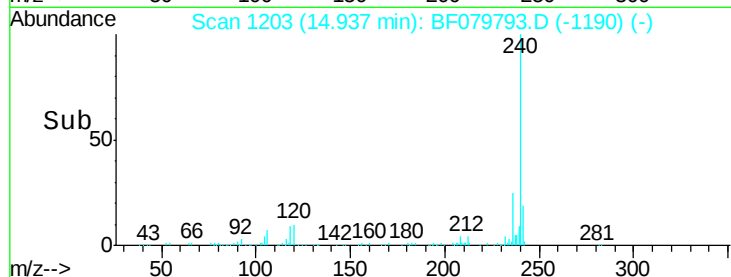
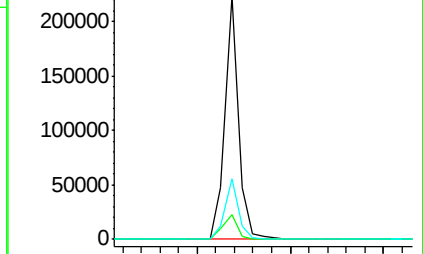
236 25.0 21.0 31.4



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: 54.13 ng

RT: 13.70 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BF079793.D

Acq: 7 Jun 2015 4:47

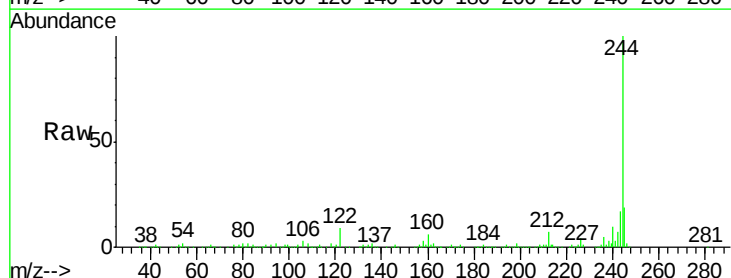
Tgt Ion:244 Resp: 534667

Ion Ratio Lower Upper

244 100

212 6.7 6.1 9.1

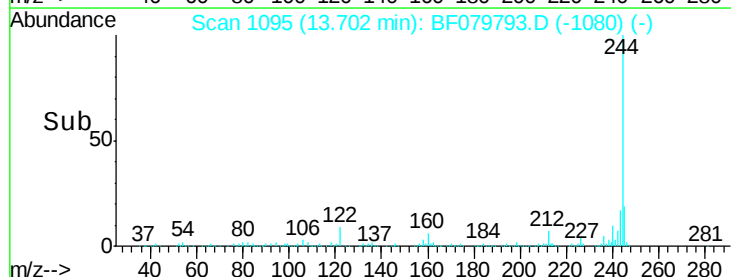
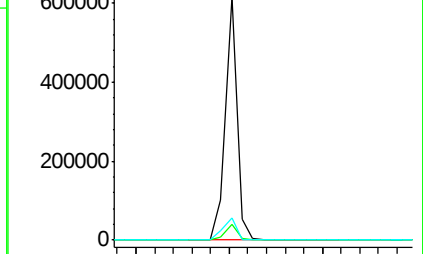
122 9.1 9.3 13.9#

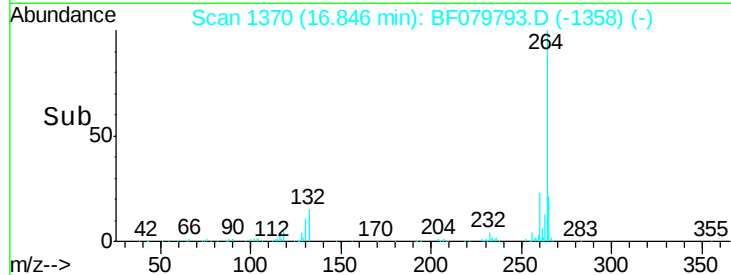
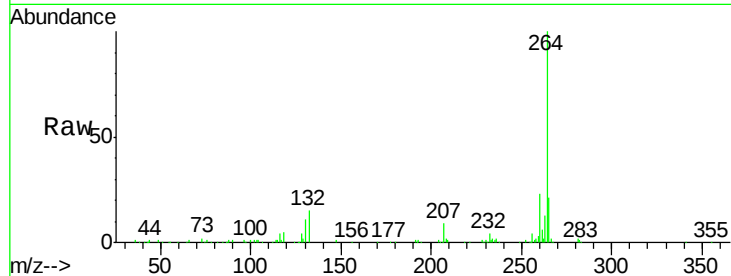
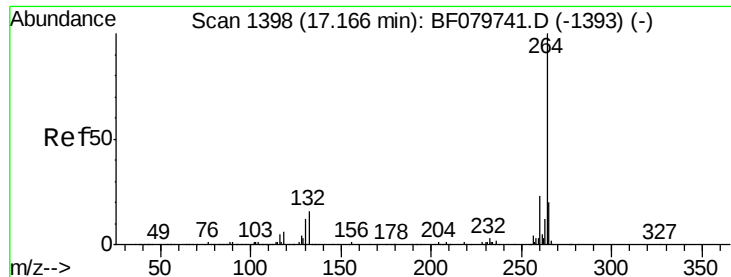


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.85 min Scan# 1370
Delta R.T. -0.06 min
Lab File: BF079793.D
Acq: 7 Jun 2015 4:47

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

Tgt Ion: 264 Resp: 202634
Ion Ratio Lower Upper
264 100
260 23.4 18.6 27.8
265 21.2 18.2 27.4

