

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060615\
Data File : BF079781.D
Acq On : 6 Jun 2015 21:05
Operator : TP/IZ
Sample : PB83834BL
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB83834BL

Quant Time: Jun 08 19:22:38 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	67197	20.00	ng	-0.01
21) Naphthalene-d8	8.76	136	329771	20.00	ng	-0.01
38) Acenaphthene-d10	10.55	164	141625	20.00	ng	0.00
63) Phenanthrene-d10	12.06	188	295078	20.00	ng	0.00
75) Chrysene-d12	15.03	240	289577	20.00	ng	0.13
86) Perylene-d12	16.97	264	339837	20.00	ng	0.17
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	461783	115.18	ng	0.00
7) Phenol-d6	7.07	99	644782	124.52	ng	0.00
23) Nitrobenzene-d5	8.03	82	414003	77.07	ng	0.00
41) 2,4,6-Tribromophenol	11.34	330	145607	107.50	ng	-0.01
44) 2-Fluorobiphenyl	9.84	172	896578	85.77	ng	-0.01
78) Terphenyl-d14	13.75	244	968328	76.58	ng	0.06

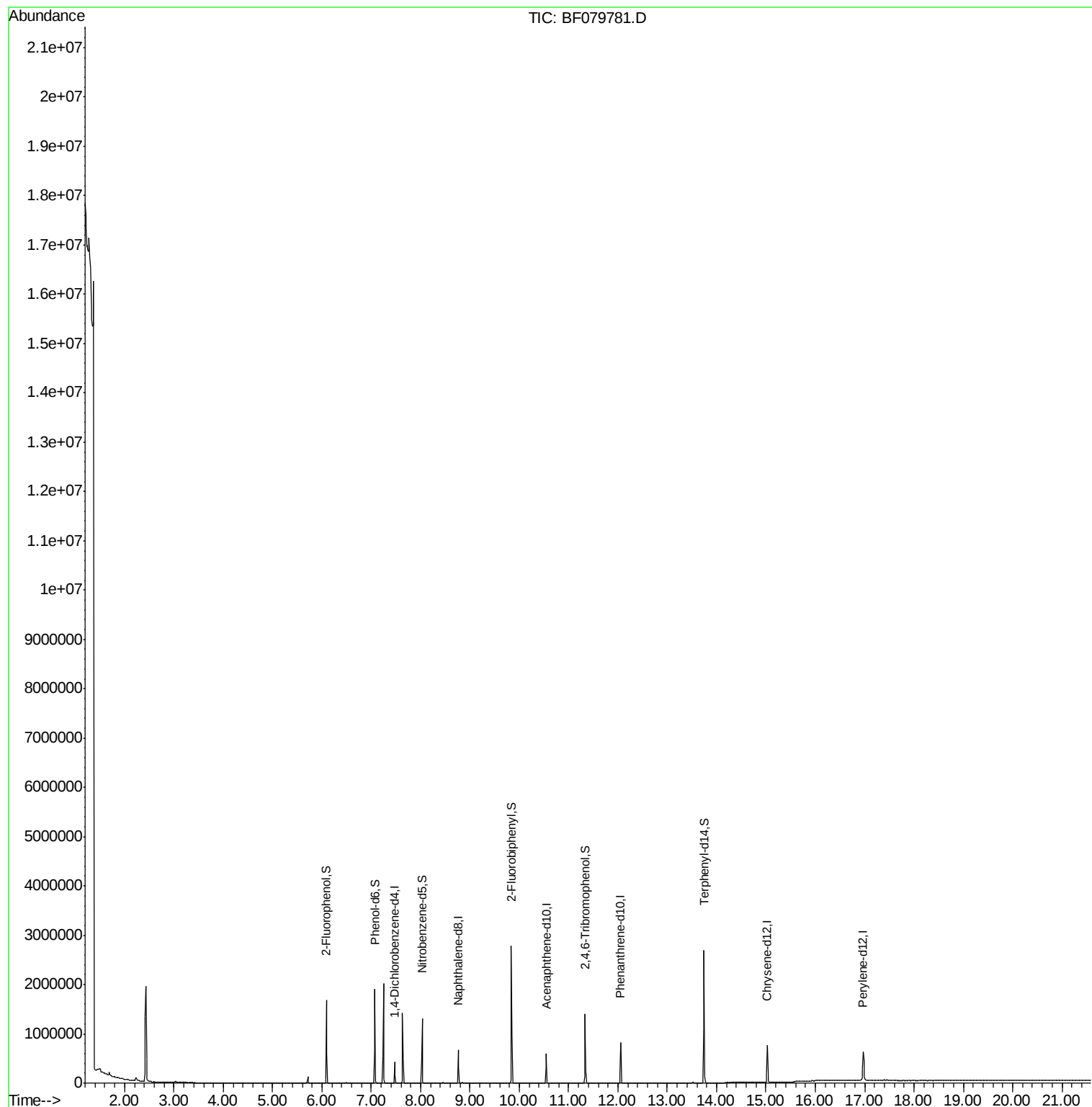
Target Compounds	Qvalue
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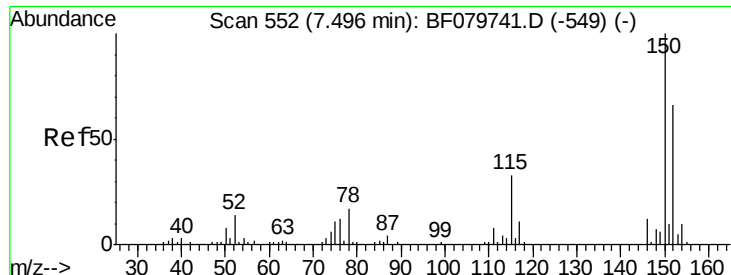
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF079781.D

Acq: 6 Jun 2015 21:05

Instrument :

BNA_F

ClientSampleId :

PB83834BL

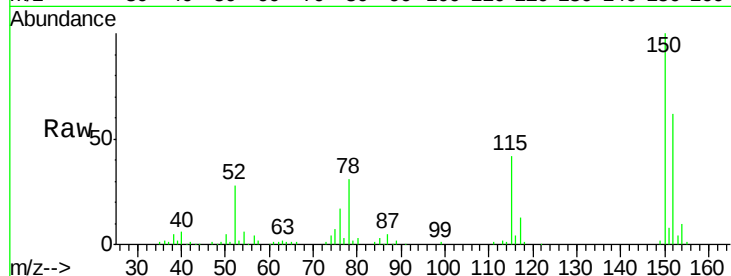
Tgt Ion:152 Resp: 67197

Ion Ratio Lower Upper

152 100

150 160.9 128.1 192.1

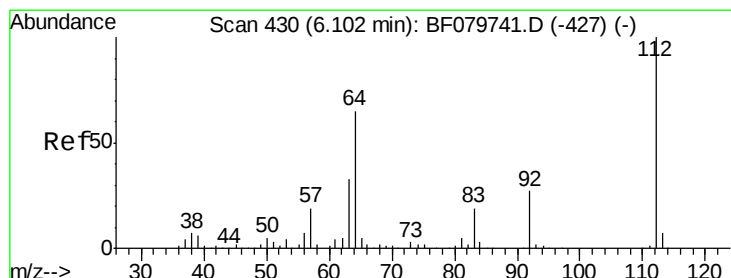
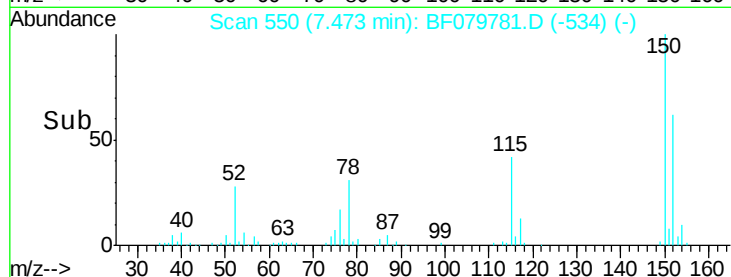
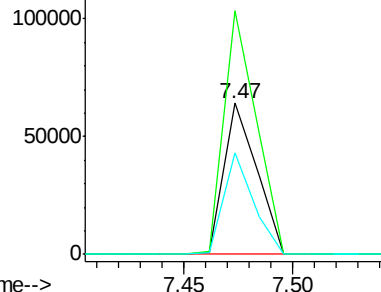
115 67.5 49.7 74.5



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: 115.18 ng

RT: 6.09 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF079781.D

Acq: 6 Jun 2015 21:05

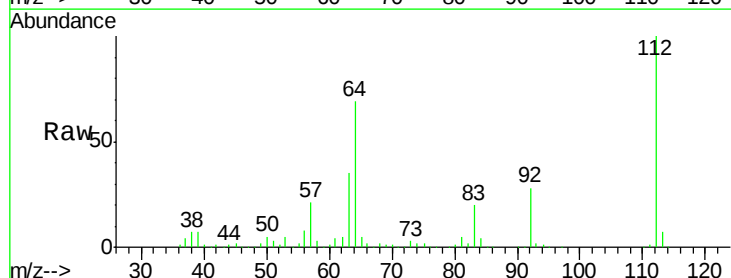
Tgt Ion:112 Resp: 461783

Ion Ratio Lower Upper

112 100

64 69.4 49.6 74.4

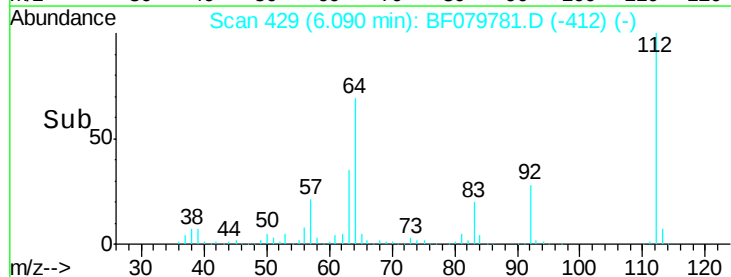
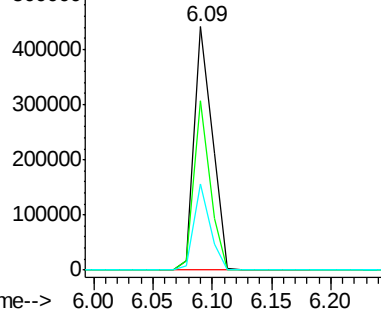
63 35.4 24.9 37.3

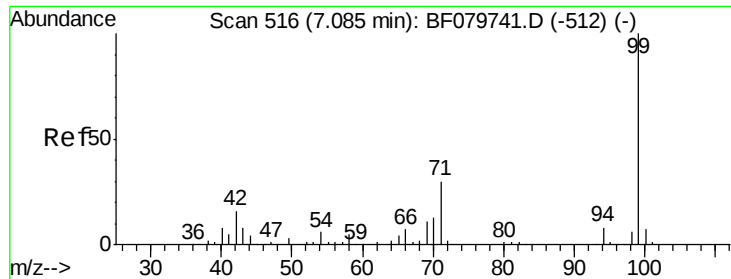


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 124.52 ng

RT: 7.07 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF079781.D

Acq: 6 Jun 2015 21:05

Instrument :

BNA_F

ClientSampleId :

PB83834BL

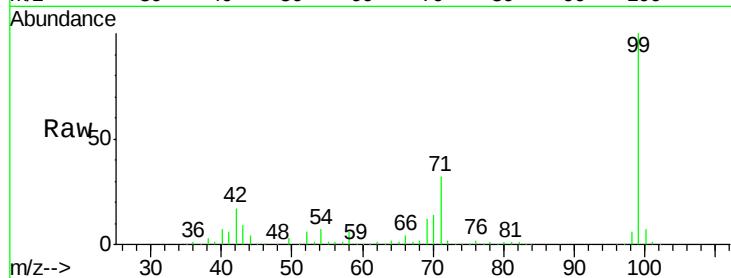
Tgt Ion: 99 Resp: 644782

Ion Ratio Lower Upper

99 100

42 16.8 18.0 27.0#

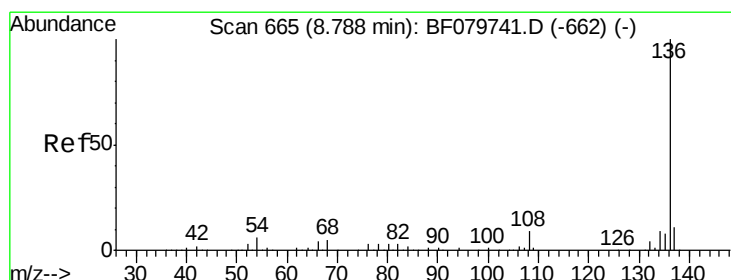
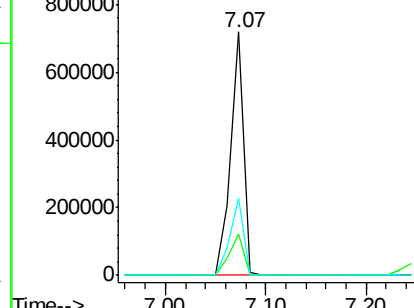
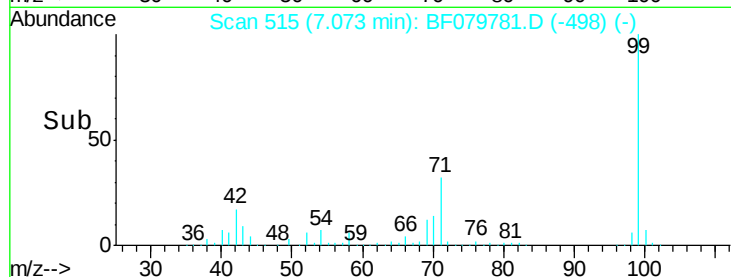
71 31.7 28.4 42.6



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: BF079781.D

Acq: 6 Jun 2015 21:05

Tgt Ion: 136 Resp: 329771

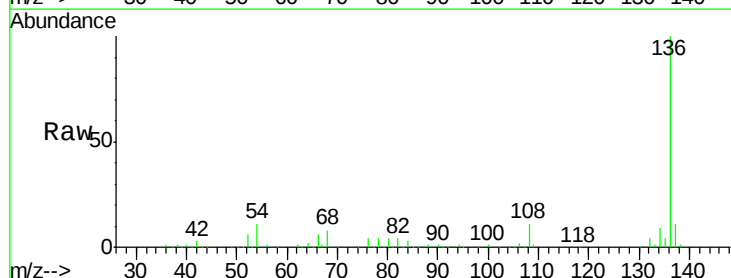
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 11.2 8.7 13.1

68 7.6 5.8 8.8

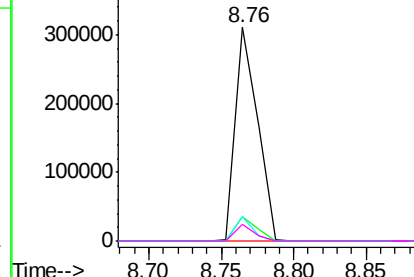
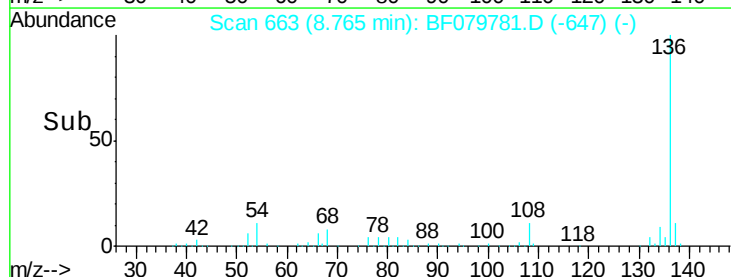


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.07 ng

RT: 8.03 min Scan# 599

Delta R.T. -0.00 min

Lab File: BF079781.D

Acq: 6 Jun 2015 21:05

Instrument :

BNA_F

ClientSampleId :

PB83834BL

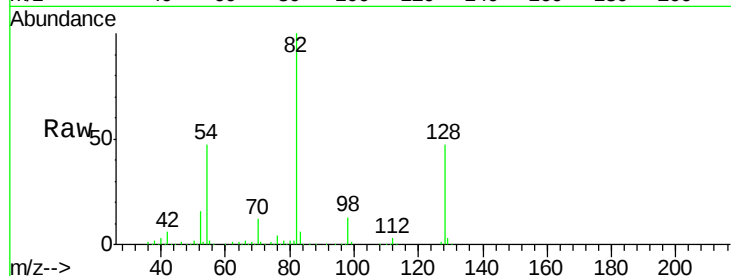
Tgt Ion: 82 Resp: 414003

Ion Ratio Lower Upper

82 100

128 47.1 37.6 56.4

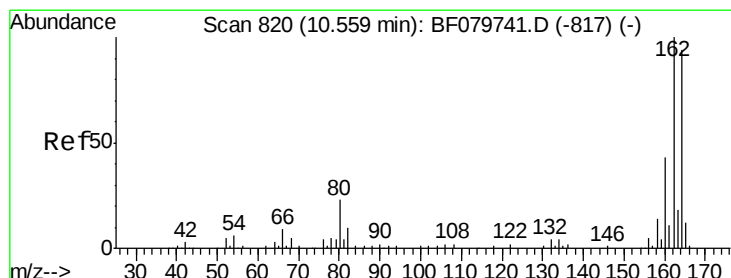
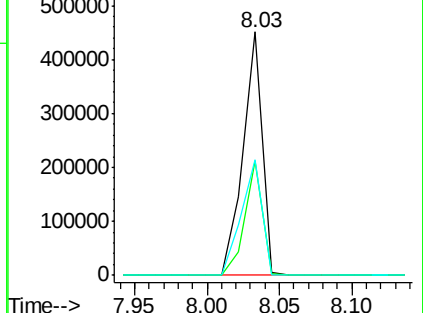
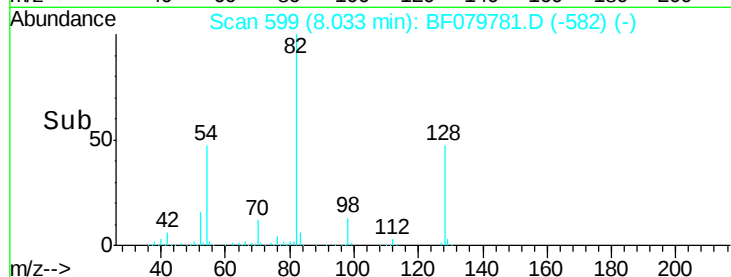
54 47.4 39.4 59.2



Abundance Ion 82.00 (81.70 to 82.70): BF079741.D (-595) (-)

Ion 128.00 (127.70 to 128.70): BF079741.D (-595) (-)

Ion 54.00 (53.70 to 54.70): BF079741.D (-595) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.55 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF079781.D

Acq: 6 Jun 2015 21:05

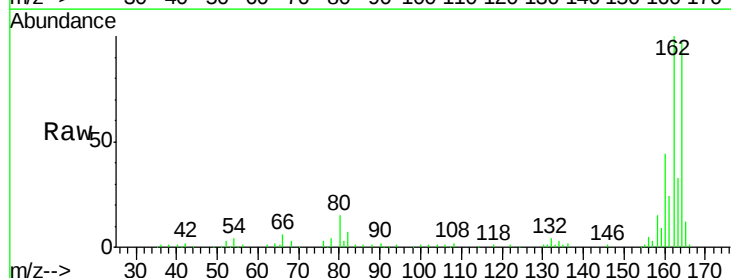
Tgt Ion: 164 Resp: 141625

Ion Ratio Lower Upper

164 100

162 103.2 82.6 123.8

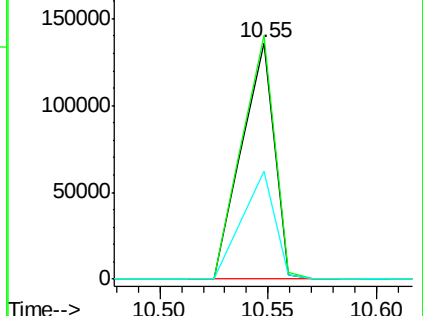
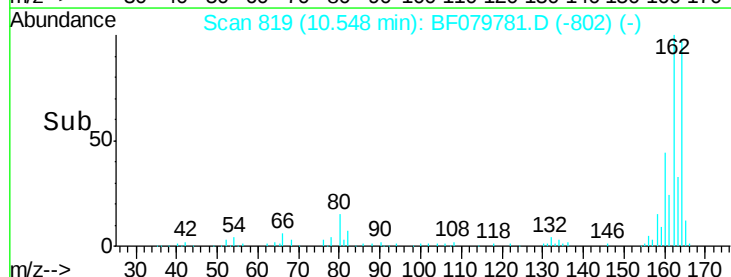
160 45.7 36.8 55.2

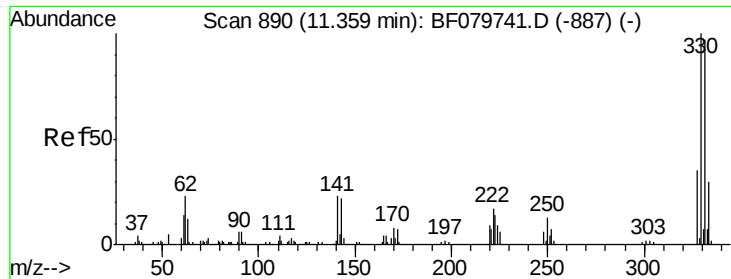


Abundance Ion 164.00 (163.70 to 164.70): BF079741.D (-817) (-)

Ion 162.00 (161.70 to 162.70): BF079741.D (-817) (-)

Ion 160.00 (159.70 to 160.70): BF079741.D (-817) (-)

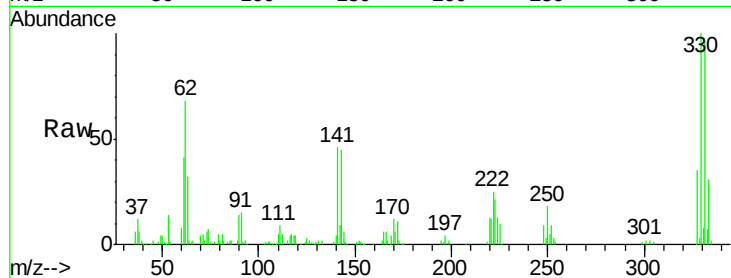




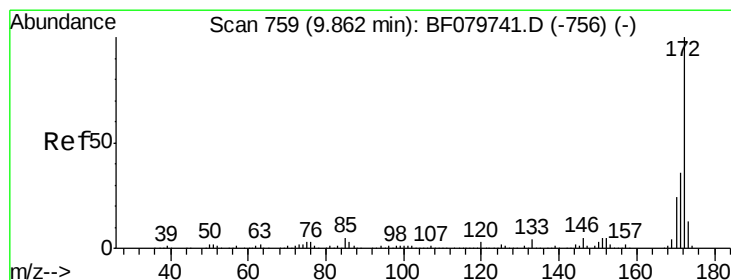
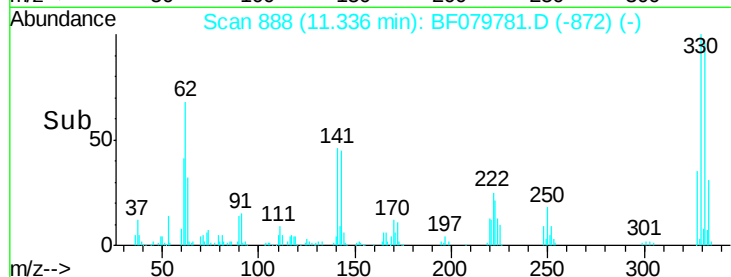
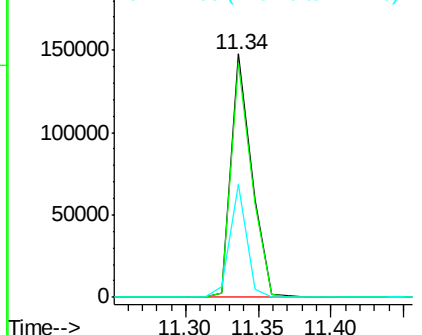
#41
 2,4,6-Tribromophenol
 Concen: 107.50 ng
 RT: 11.34 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF079781.D
 Acq: 6 Jun 2015 21:05

Instrument :
 BNA_F
 ClientSampleId :
 PB83834BL

Tgt Ion:330 Resp: 145607
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.0
 141 37.7 30.2 45.2

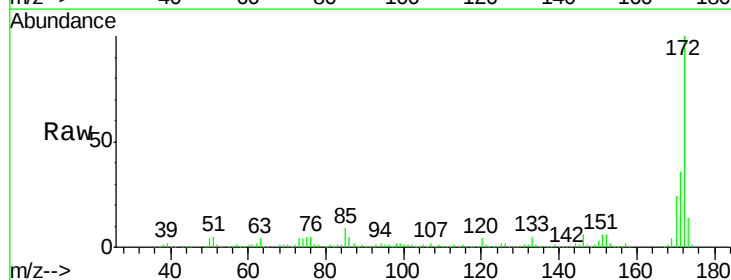


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

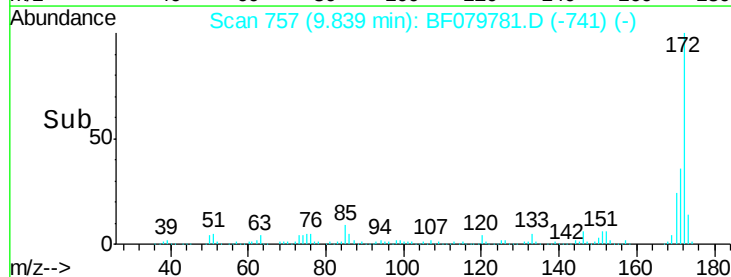
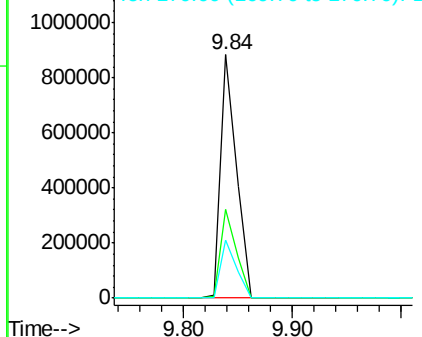


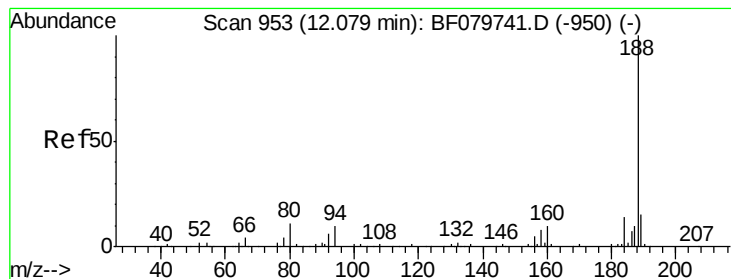
#44
 2-Fluorobiphenyl
 Concen: 85.77 ng
 RT: 9.84 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF079781.D
 Acq: 6 Jun 2015 21:05

Tgt Ion:172 Resp: 896578
 Ion Ratio Lower Upper
 172 100
 171 36.2 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: BF079781.D

Acq: 6 Jun 2015 21:05

Instrument :

BNA_F

ClientSampleId :

PB83834BL

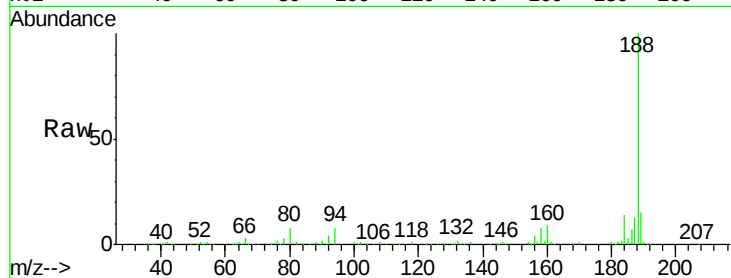
Tgt Ion:188 Resp: 295078

Ion Ratio Lower Upper

188 100

94 8.0 5.0 7.4#

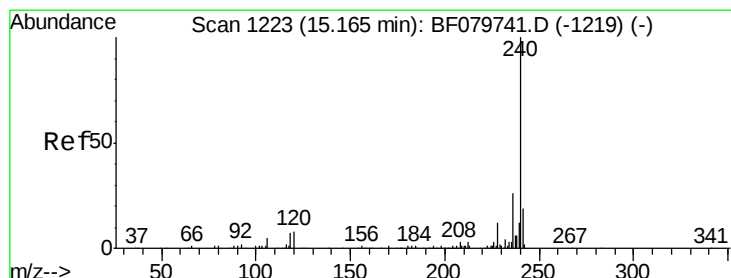
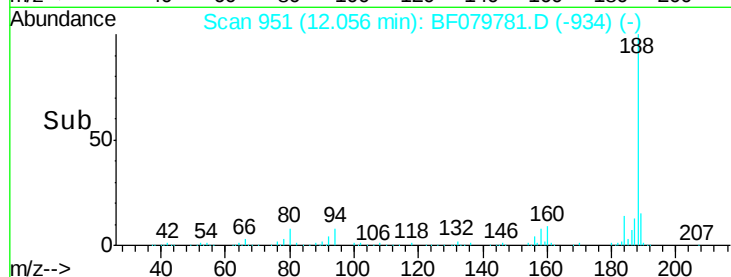
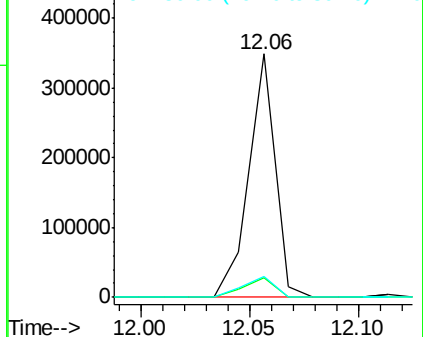
80 8.3 5.3 7.9#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.03 min Scan# 1211

Delta R.T. 0.13 min

Lab File: BF079781.D

Acq: 6 Jun 2015 21:05

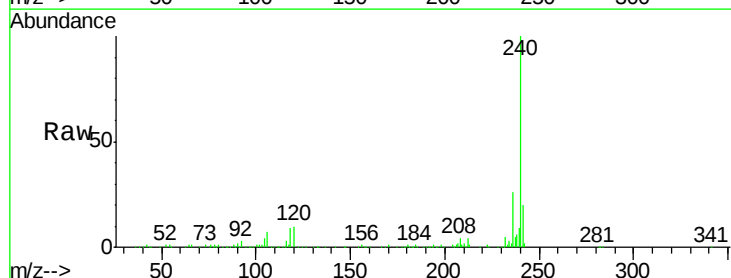
Tgt Ion:240 Resp: 289577

Ion Ratio Lower Upper

240 100

120 10.1 6.2 9.2#

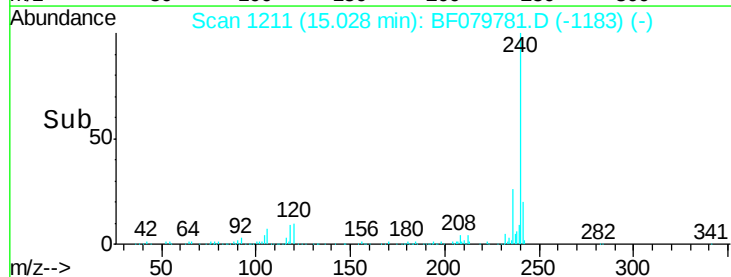
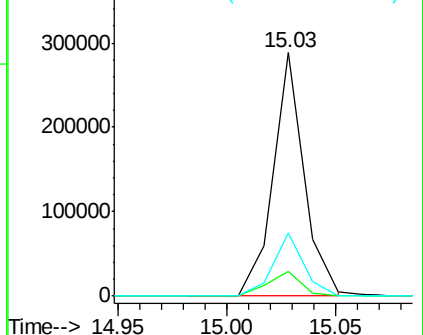
236 26.1 21.0 31.4

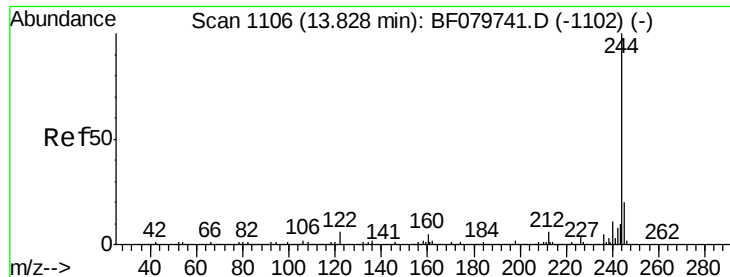


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

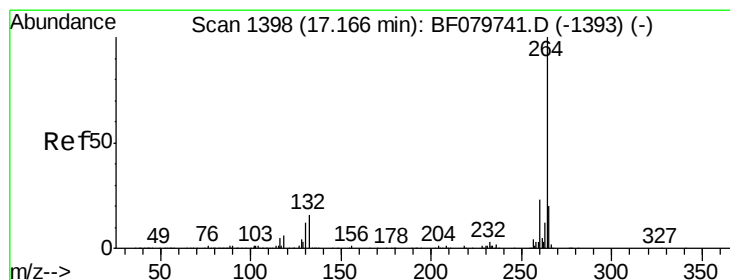
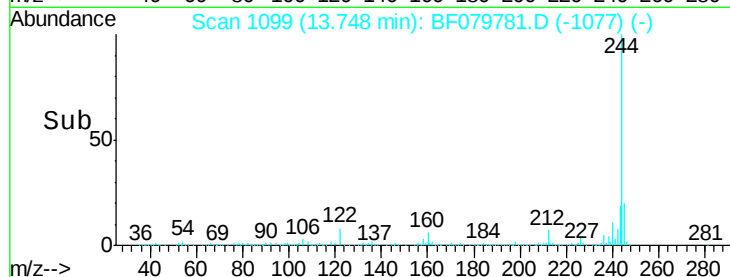
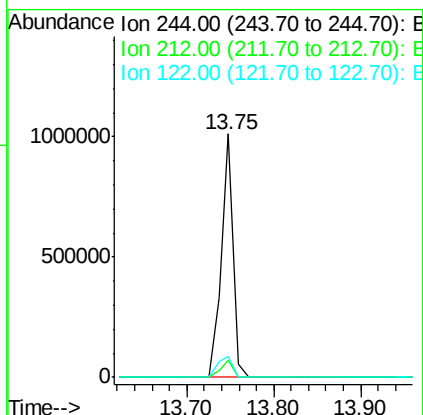
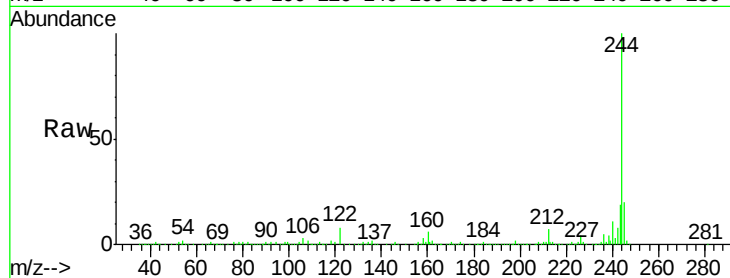




#78
 Terphenyl-d14
 Concen: 76.58 ng
 RT: 13.75 min Scan# 1099
 Delta R.T. 0.06 min
 Lab File: BF079781.D
 Acq: 6 Jun 2015 21:05

Instrument :
 BNA_F
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 PB83834BL

Tgt Ion:244 Resp: 968328
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.1 9.1
 122 8.5 9.3 13.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.97 min Scan# 1381
 Delta R.T. 0.17 min
 Lab File: BF079781.D
 Acq: 6 Jun 2015 21:05

Tgt Ion:264 Resp: 339837
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 27.8
 265 21.4 18.2 27.4

