

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 18:35:43 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 15:29:07 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	-0.02
21) Naphthalene-d8	8.76	136	329771	20.00	ng	-0.02
38) Acenaphthene-d10	10.55	164	141625	20.00	ng	-0.01
63) Phenanthrene-d10	12.06	188	295078	20.00	ng	-0.01
75) Chrysene-d12	15.03	240	291821	20.00	ng	0.09
86) Perylene-d12	16.97	264	338969	20.00	ng	0.15
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	461783	115.18	ng	-0.01
7) Phenol-d6	7.07	99	644782	124.52	ng	-0.01
23) Nitrobenzene-d5	8.03	82	414003	77.07	ng	-0.01
41) 2,4,6-Tribromophenol	11.34	330	145607	107.50	ng	-0.02
44) 2-Fluorobiphenyl	9.84	172	896578	85.77	ng	-0.02
78) Terphenyl-d14	13.75	244	968328	76.00	ng	0.03

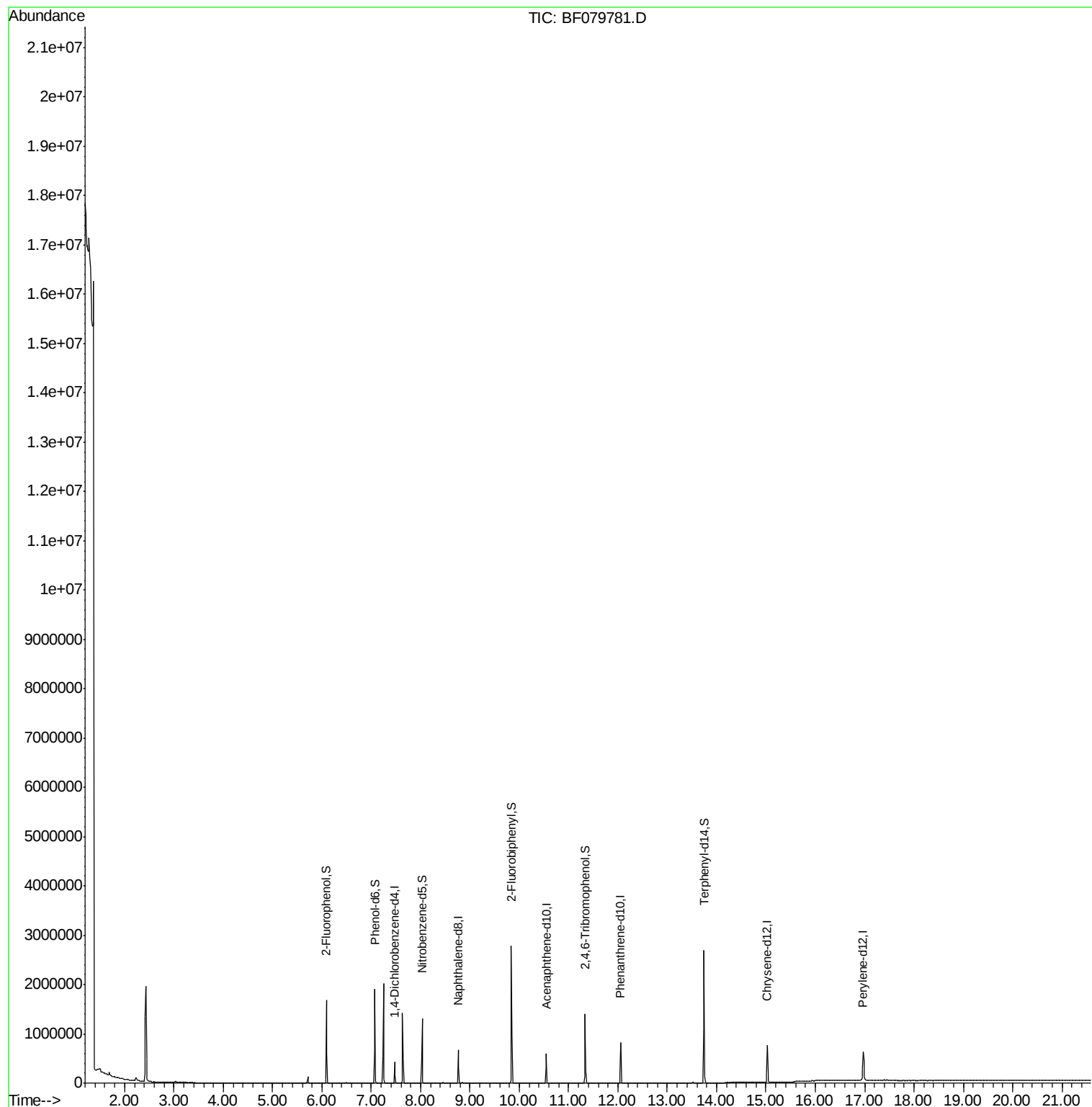
Target Compounds	Qvalue
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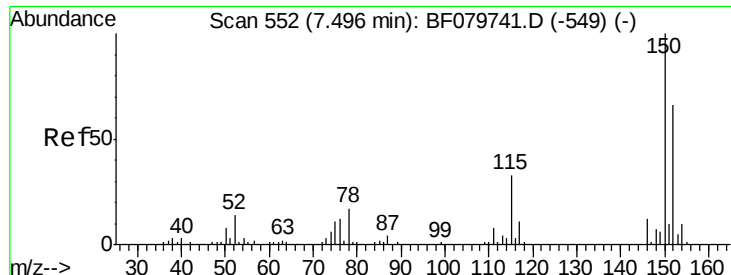
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.47 min Scan# 550

Delta R.T. -0.02 min

Lab File: BF079781.D

Acq: 6 Jun 2015 21:05

Instrument :

BNA_F

ClientSampleId :

PB83834BL

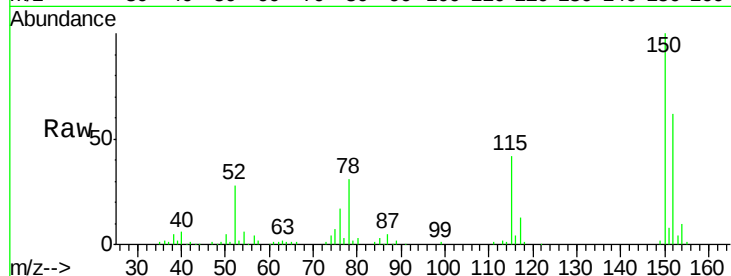
Tgt Ion:152 Resp: 67197

Ion Ratio Lower Upper

152 100

150 160.9 128.1 192.1

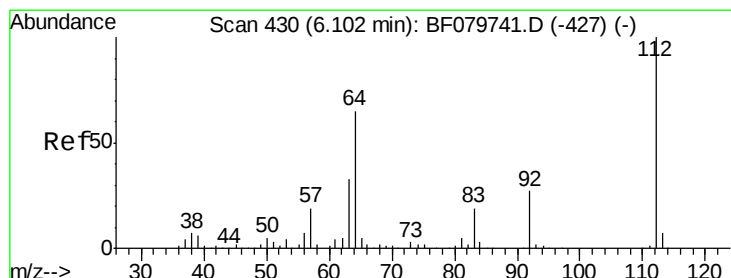
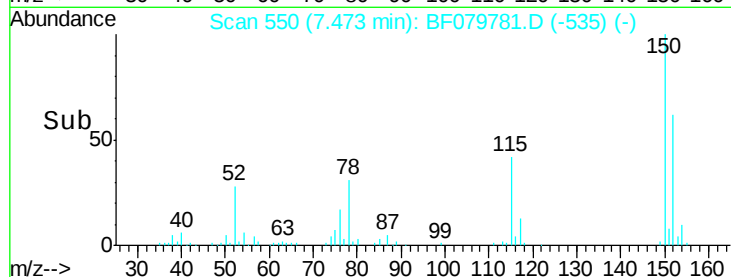
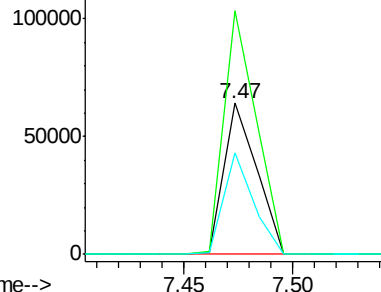
115 67.5 49.7 74.5



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. -0.01 min

Lab File: BF079781.D

Acq: 6 Jun 2015 21:05

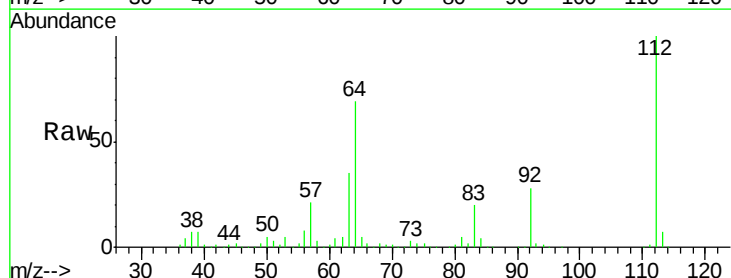
Tgt Ion:112 Resp: 461783

Ion Ratio Lower Upper

112 100

64 69.4 49.6 74.4

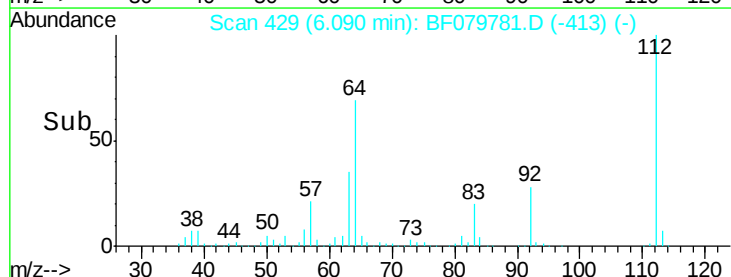
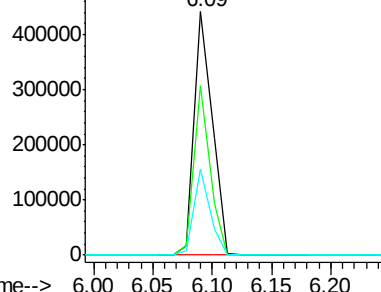
63 35.4 24.9 37.3

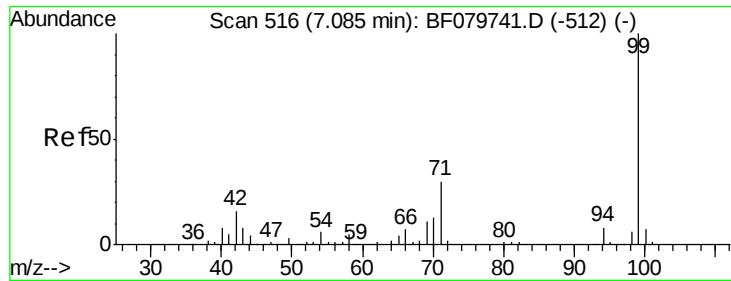


Abundance Ion 112.00 (111.70 to 112.70): E

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. -0.01 min

Lab File: BF079781.D

Acq: 6 Jun 2015 21:05

Instrument :

BNA_F

ClientSampleId :

PB83834BL

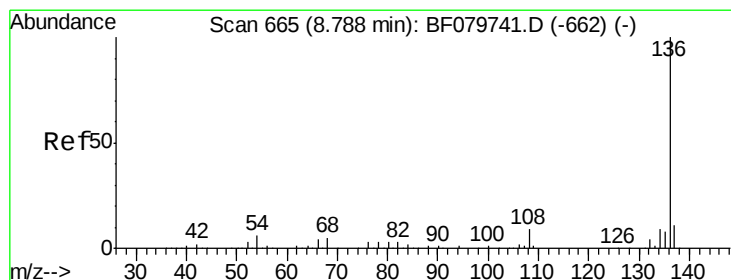
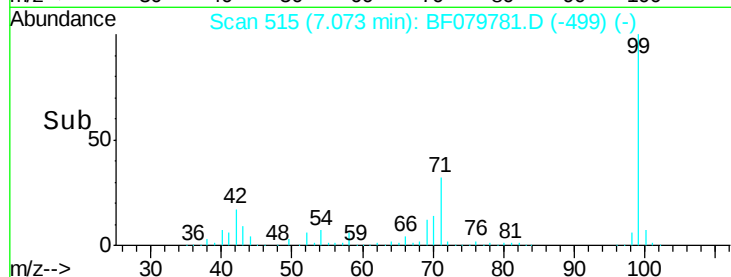
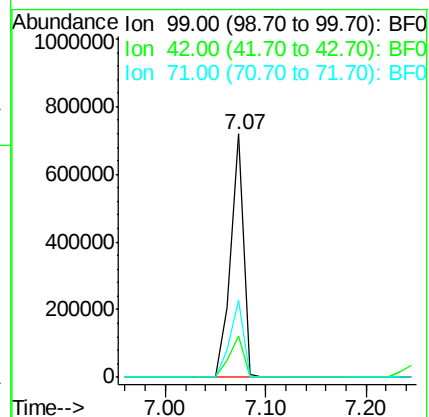
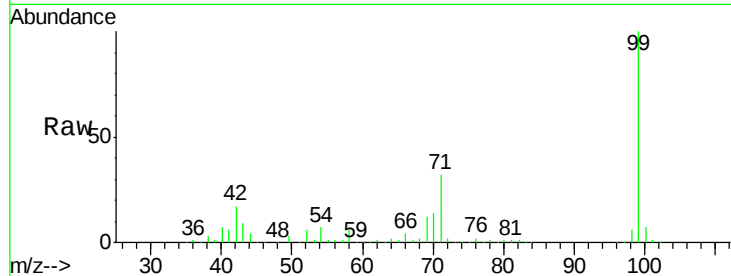
Tgt Ion: 99 Resp: 644782

Ion Ratio Lower Upper

99 100

42 16.8 18.0 27.0#

71 31.7 28.4 42.6



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.76 min Scan# 663

Delta R.T. -0.02 min

Lab File: BF079781.D

Acq: 6 Jun 2015 21:05

Tgt Ion: 136 Resp: 329771

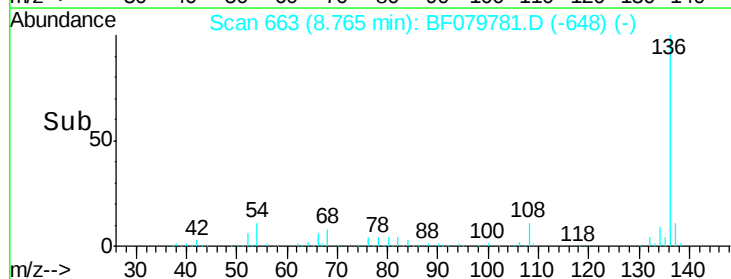
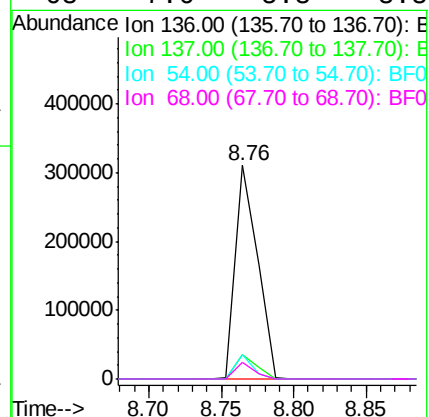
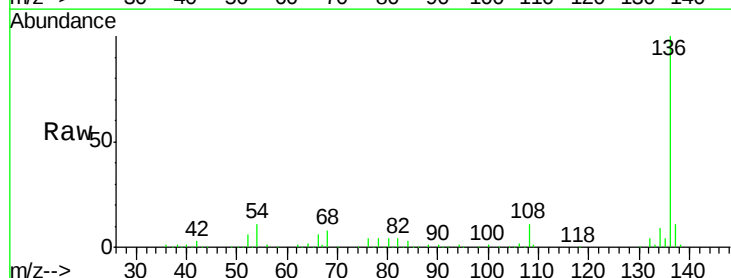
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 11.2 8.7 13.1

68 7.6 5.8 8.8





#23

Nitrobenzene-d5

Concen: 77.07 ng

RT: 8.03 min Scan# 599

Delta R.T. -0.01 min

Lab File: BF079781.D

Acq: 6 Jun 2015 21:05

Instrument :

BNA_F

ClientSampleId :

PB83834BL

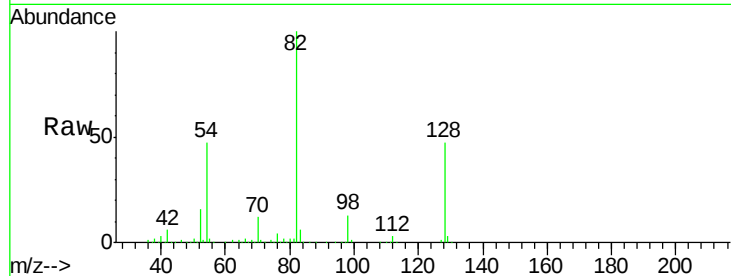
Tgt Ion: 82 Resp: 414003

Ion Ratio Lower Upper

82 100

128 47.1 37.6 56.4

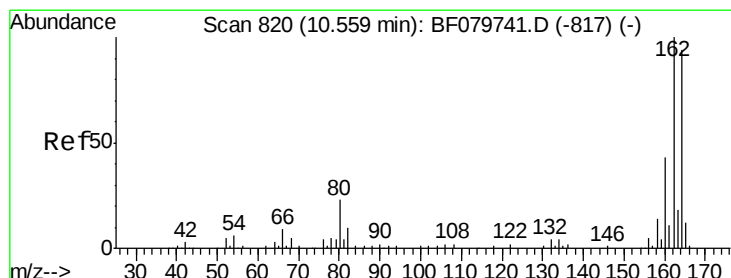
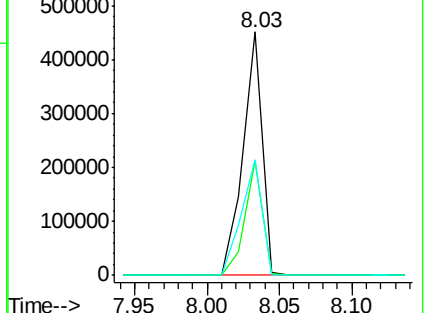
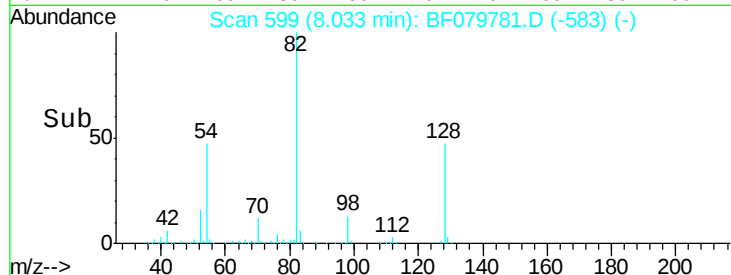
54 47.4 39.4 59.2



Abundance Ion 82.00 (81.70 to 82.70): BF079781.D (-583) (-)

Ion 128.00 (127.70 to 128.70): BF079781.D (-583) (-)

Ion 54.00 (53.70 to 54.70): BF079781.D (-583) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.55 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF079781.D

Acq: 6 Jun 2015 21:05

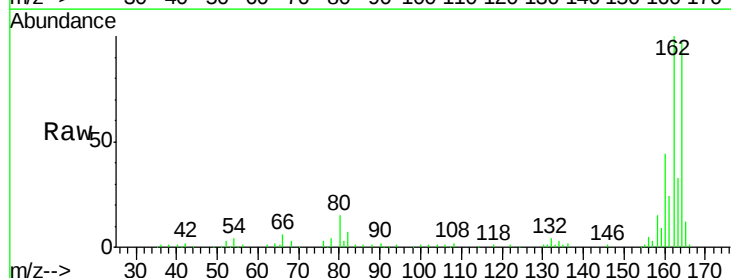
Tgt Ion: 164 Resp: 141625

Ion Ratio Lower Upper

164 100

162 103.2 82.6 123.8

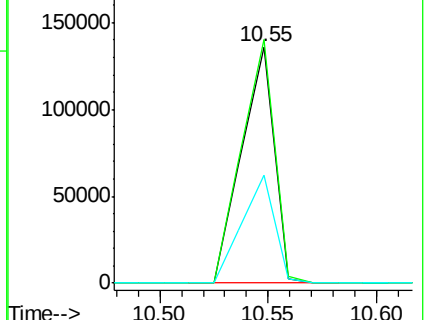
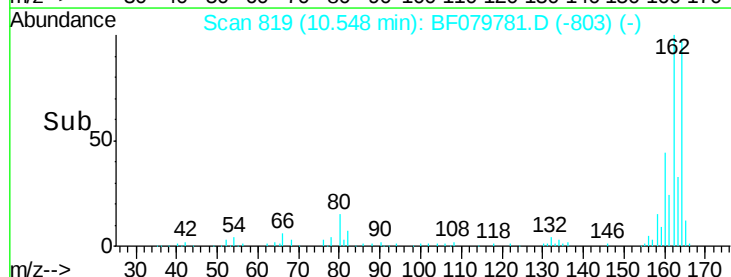
160 45.7 36.8 55.2

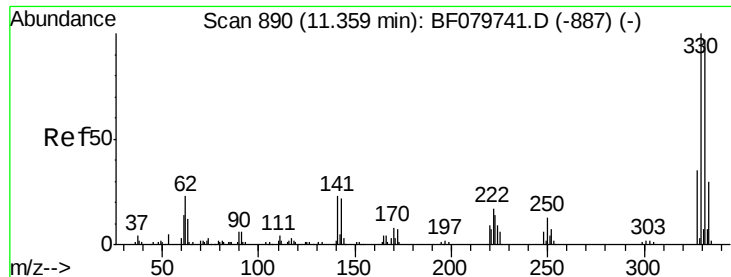


Abundance Ion 164.00 (163.70 to 164.70): BF079781.D (-803) (-)

Ion 162.00 (161.70 to 162.70): BF079781.D (-803) (-)

Ion 160.00 (159.70 to 160.70): BF079781.D (-803) (-)

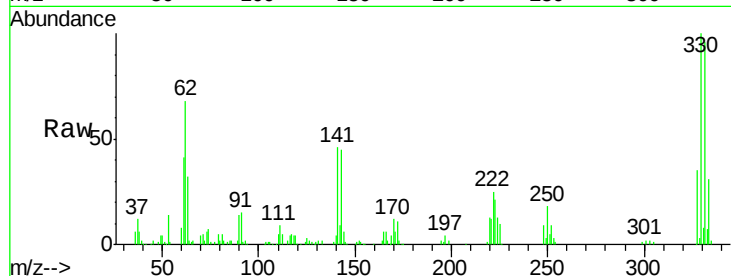




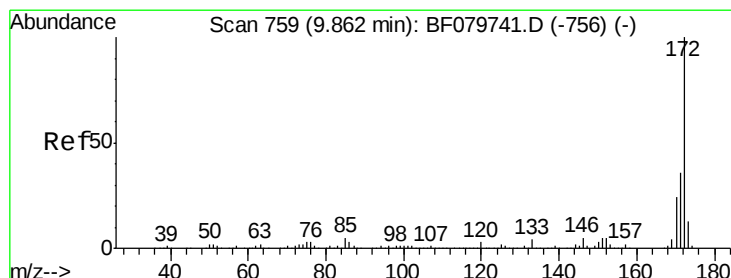
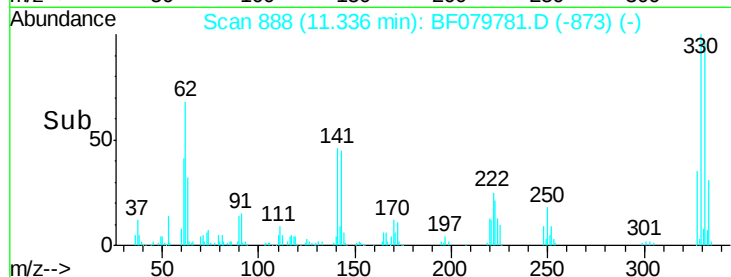
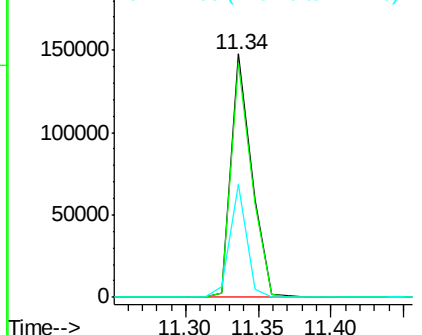
#41
 2,4,6-Tribromophenol
 Concen: 107.50 ng
 RT: 11.34 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BF079781.D
 Acq: 6 Jun 2015 21:05

Instrument :
 BNA_F
 ClientSampleId :
 PB83834BL

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

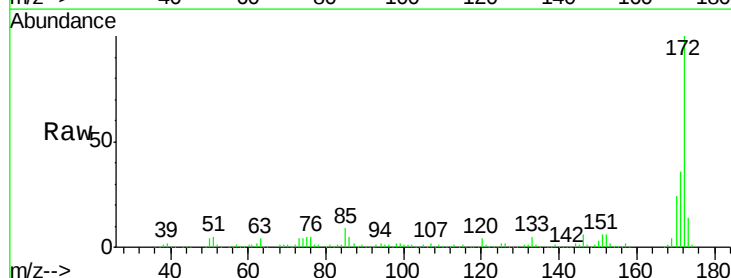


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

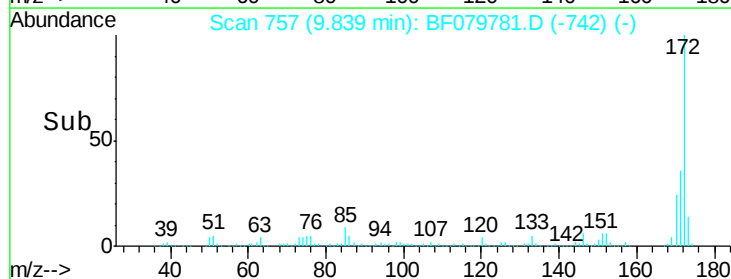
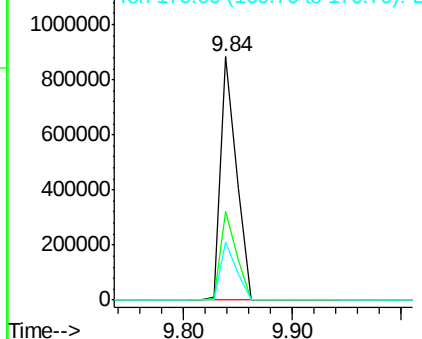


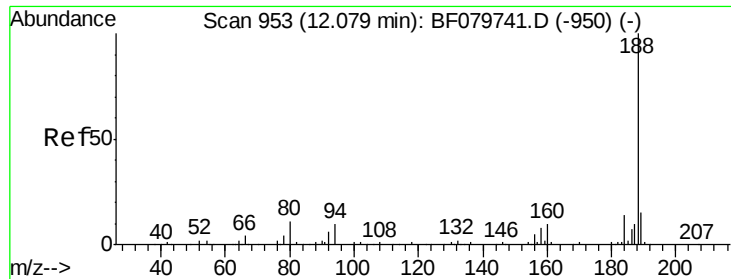
#44
 2-Fluorobiphenyl
 Concen: 85.77 ng
 RT: 9.84 min Scan# 757
 Delta R.T. -0.02 min
 Lab File: BF079781.D
 Acq: 6 Jun 2015 21:05

Tgt 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

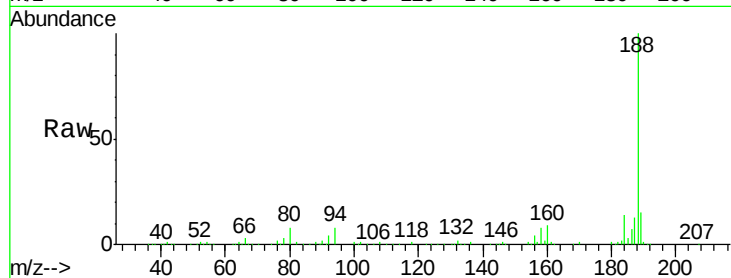




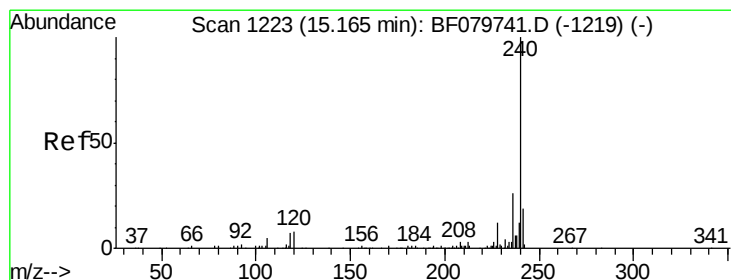
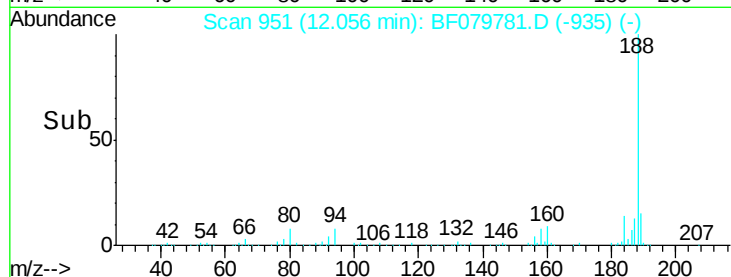
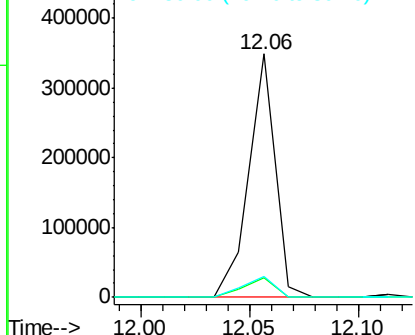
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.06 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF079781.D
Acq: 6 Jun 2015 21:05

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#

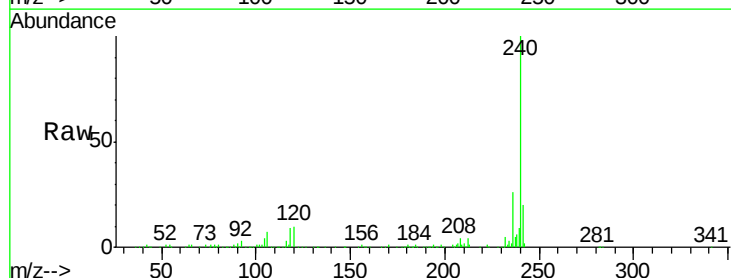


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

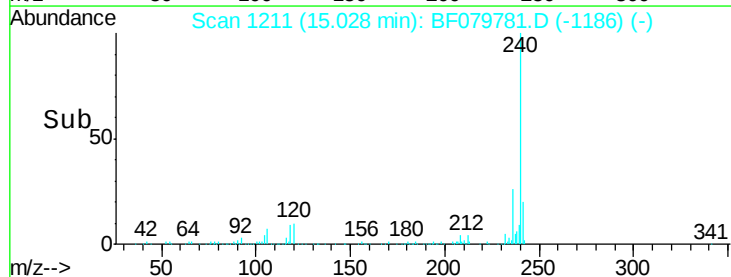
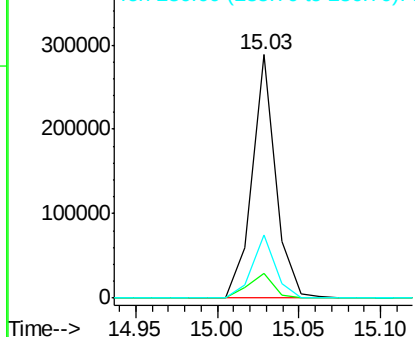


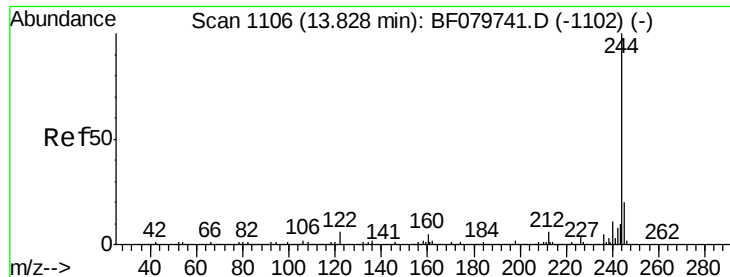
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.03 min Scan# 1211
Delta R.T. 0.09 min
Lab File: BF079781.D
Acq: 6 Jun 2015 21:05

Tgt Ion:240 Resp: 291821
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: 76.00 ng

RT: 13.75 min Scan# 1099

Delta R.T. 0.03 min

Lab File: BF079781.D

Acq: 6 Jun 2015 21:05

Instrument :

BNA_F

ClientSampleId :

PB83834BL

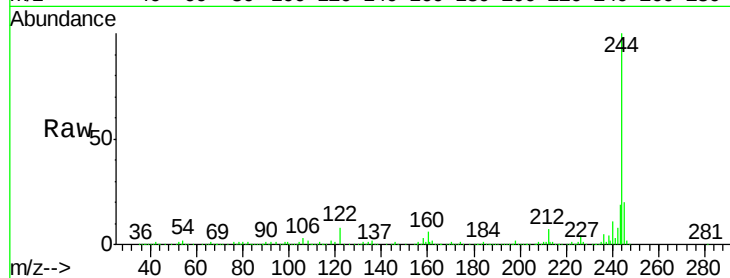
Tgt Ion:244 Resp: 968328

Ion Ratio Lower Upper

244 100

212 6.8 6.1 9.1

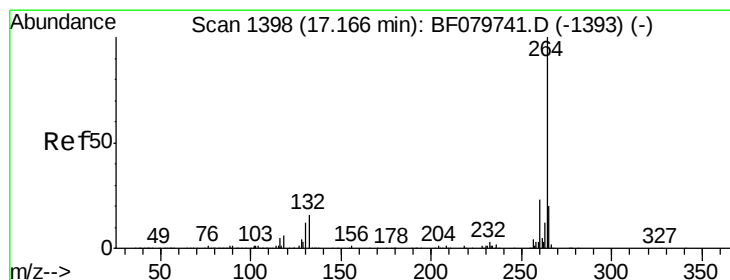
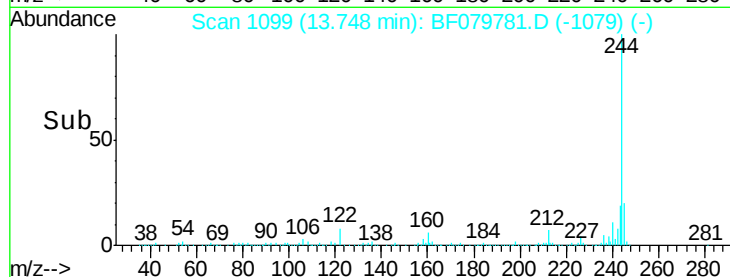
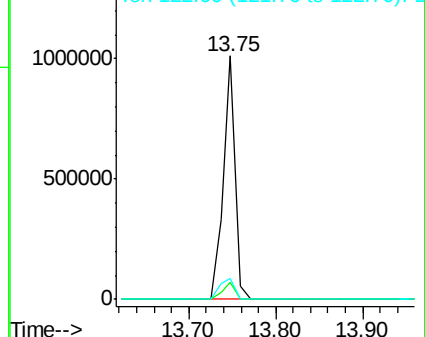
122 8.5 9.3 13.9#



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: 16.97 min Scan# 1381

Delta R.T. 0.15 min

Lab File: BF079781.D

Acq: 6 Jun 2015 21:05

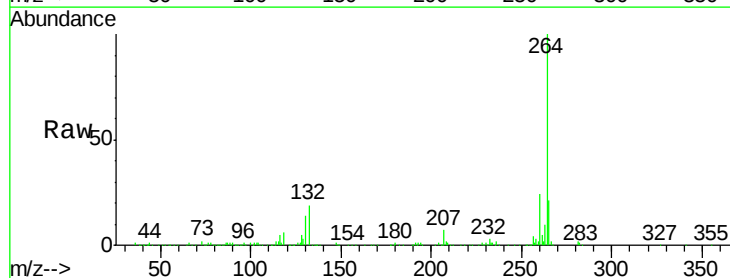
Tgt Ion:264 Resp: 338969

Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 21.4 18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

