

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
 Data File : BF079661.D
 Acq On : 3 Jun 2015 14:05
 Operator : TP/IZ
 Sample : PB83719BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83719BL

Quant Time: Jun 04 00:47:51 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 03 15:20:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	95832	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	366569	20.00	ng	0.00
38) Acenaphthene-d10	10.59	164	188874	20.00	ng	0.00
63) Phenanthrene-d10	12.14	188	380035	20.00	ng	0.00
75) Chrysene-d12	15.35	240	405332	20.00	ng	-0.03
86) Perylene-d12	17.44	264	372368	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	405799	76.91	ng	0.00
7) Phenol-d6	7.11	99	544348	78.26	ng	0.00
23) Nitrobenzene-d5	8.07	82	425214	69.19	ng	-0.01
41) 2,4,6-Tribromophenol	11.39	330	89752	57.58	ng	0.00
44) 2-Fluorobiphenyl	9.88	172	1027570	82.15	ng	0.00
78) Terphenyl-d14	13.95	244	1353441	84.69	ng	0.00

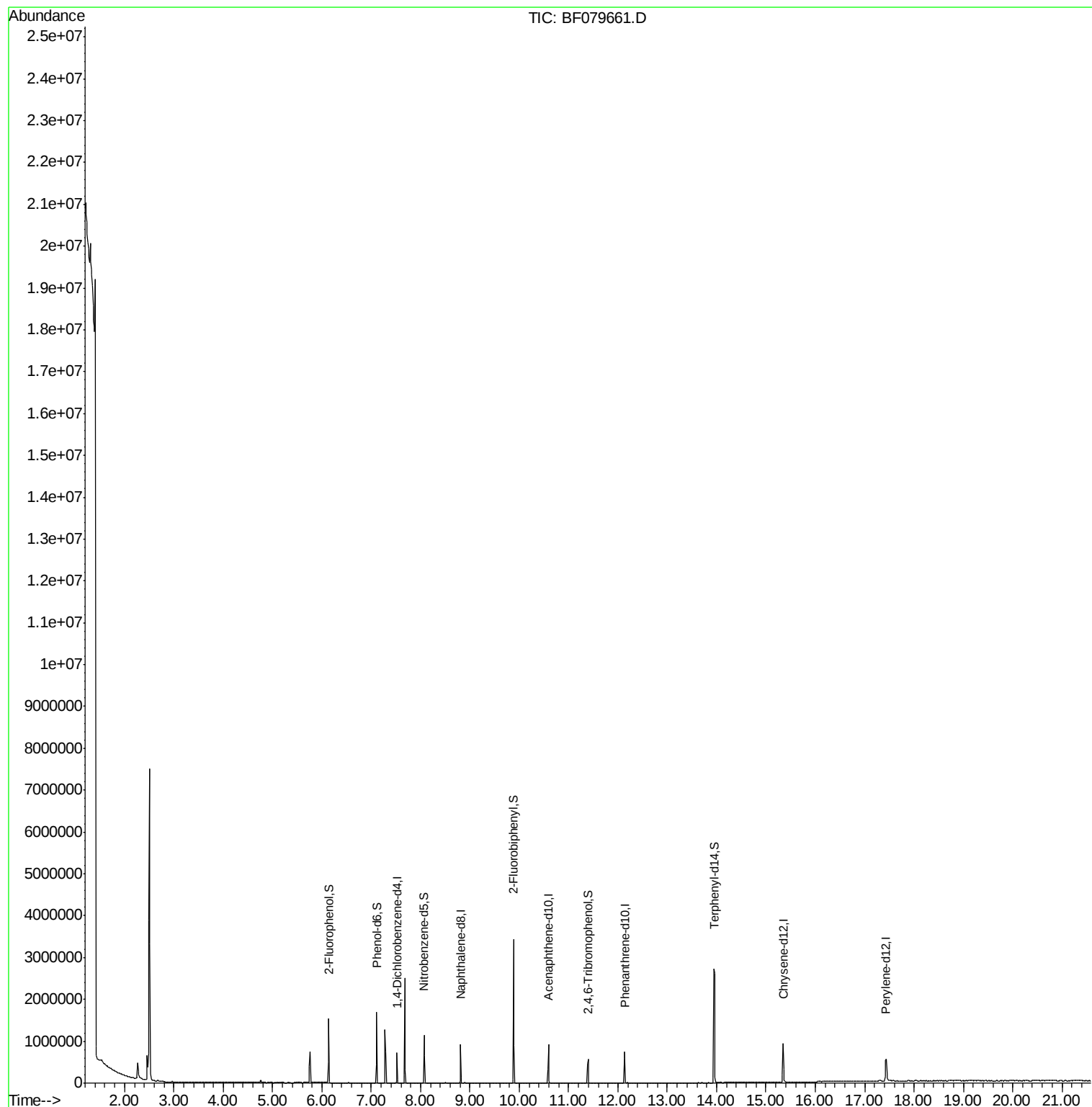
Target Compounds Qvalue

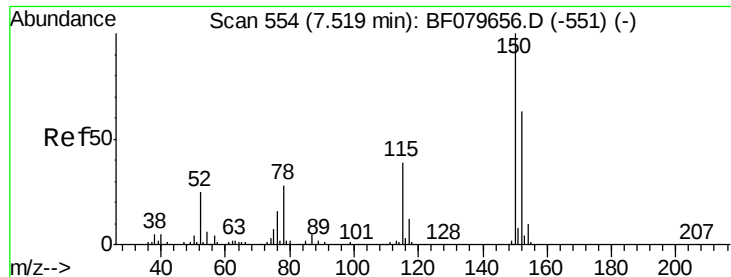
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.52 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF079661.D

Acq: 3 Jun 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB83719BL

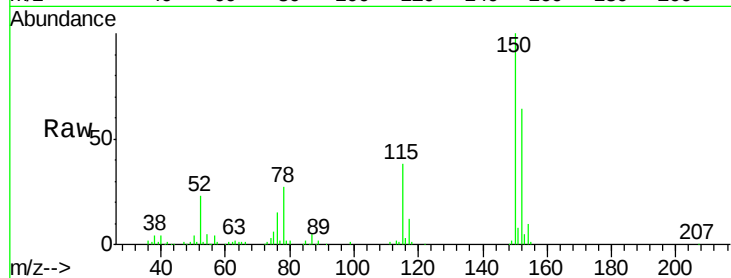
Tot Ion:152 Resp: 95832

Ion Ratio Lower Upper

152 100

150 156.6 126.7 190.1

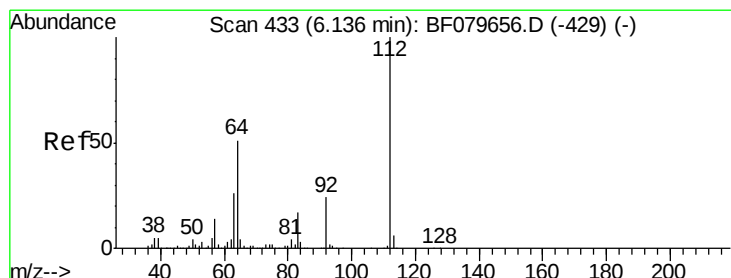
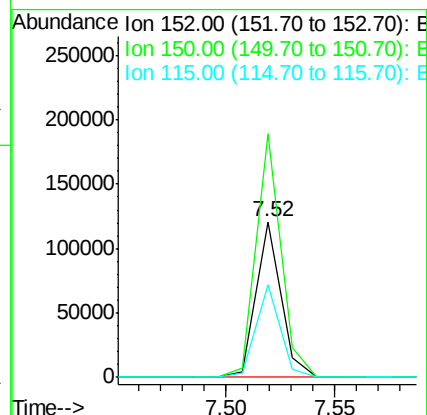
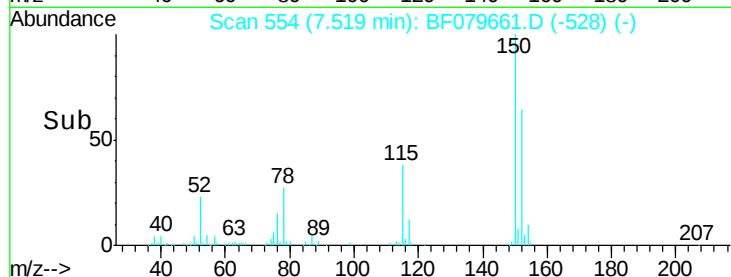
115 59.3 49.2 73.8



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: 76.91 ng

RT: 6.14 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF079661.D

Acq: 3 Jun 2015 14:05

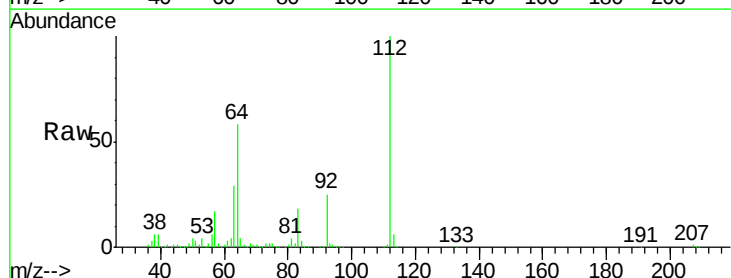
Tgt Ion:112 Resp: 405799

Ion Ratio Lower Upper

112 100

64 57.8 41.1 61.7

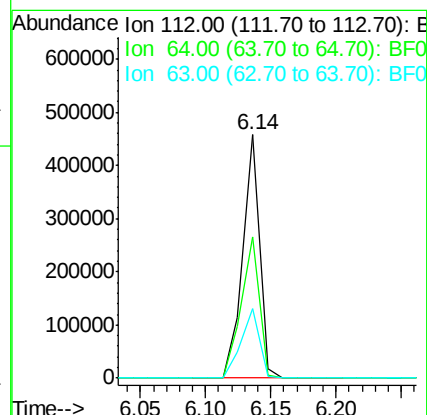
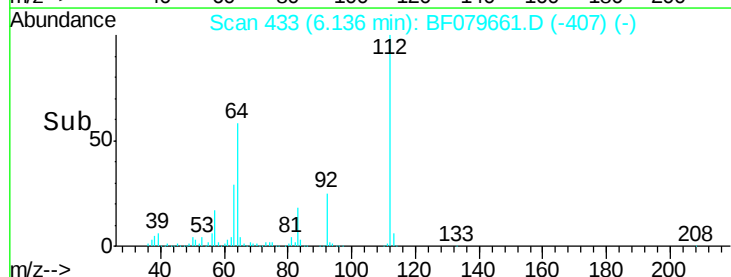
63 28.7 20.5 30.7



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: 78.26 ng

RT: 7.11 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF079661.D

Acq: 3 Jun 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB83719BL

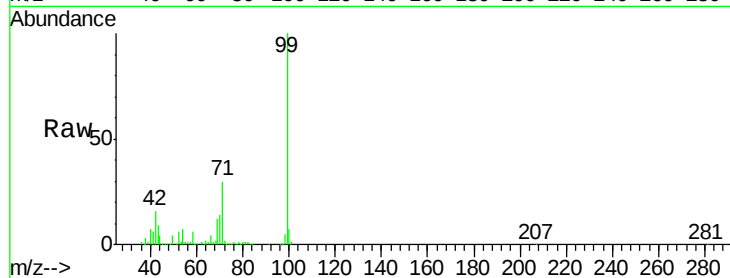
Tot Ion: 99 Resp: 544348

Ion Ratio Lower Upper

99 100

42 16.5 15.2 22.8

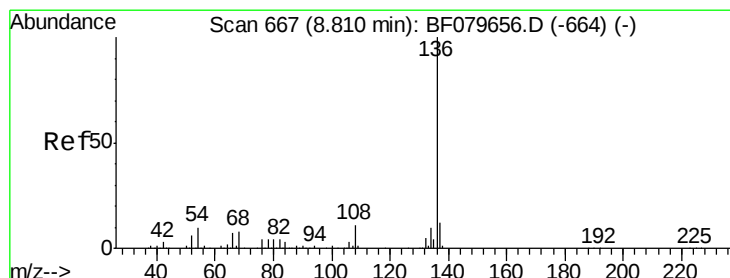
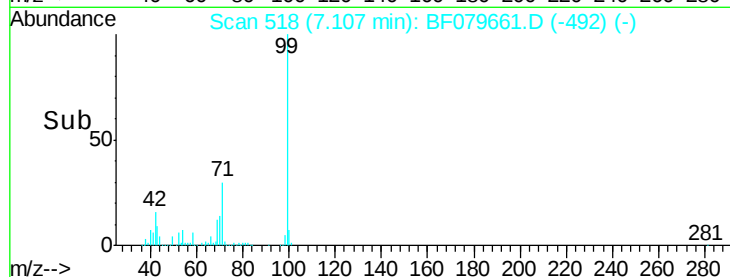
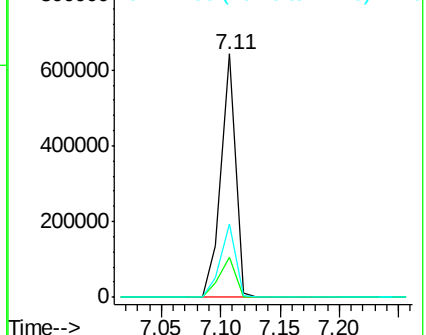
71 30.2 25.9 38.9



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: 8.81 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF079661.D

Acq: 3 Jun 2015 14:05

Tgt Ion: 136 Resp: 366569

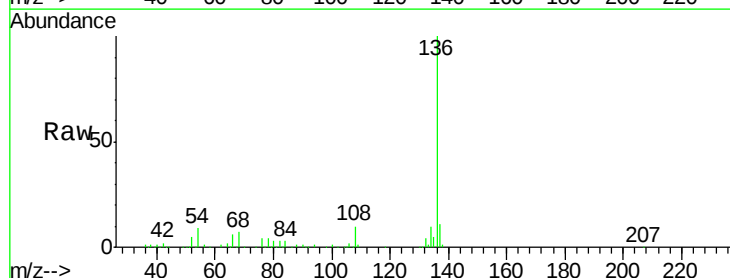
Ion Ratio Lower Upper

136 100

137 11.0 9.3 13.9

54 9.4 8.3 12.5

68 7.2 6.1 9.1

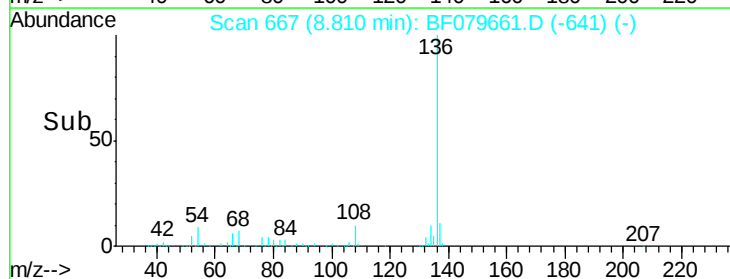
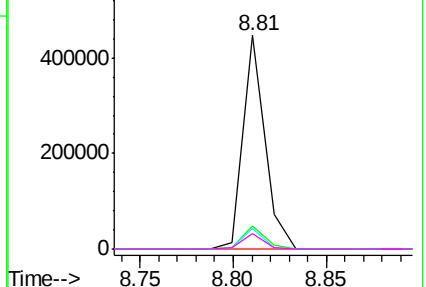


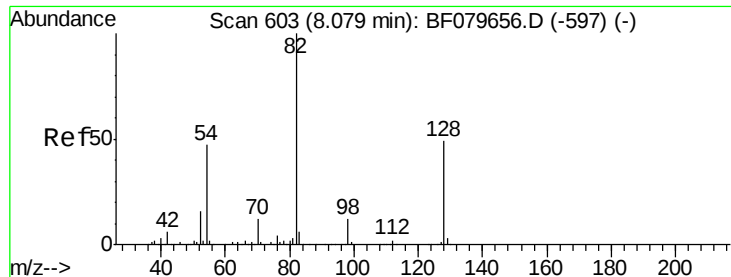
Abundance Ion 136.00 (135.70 to 136.70): E

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

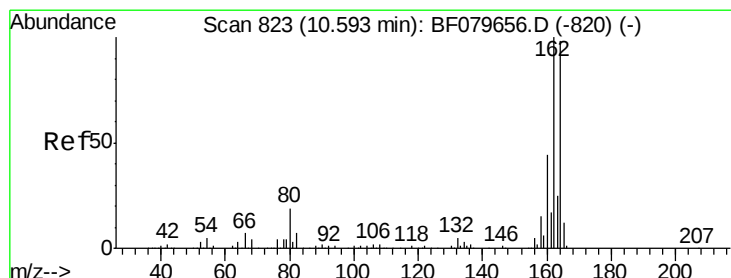
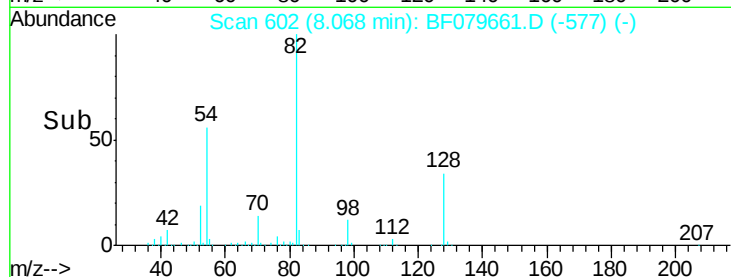
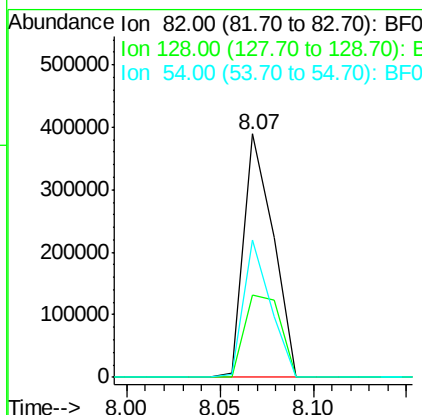
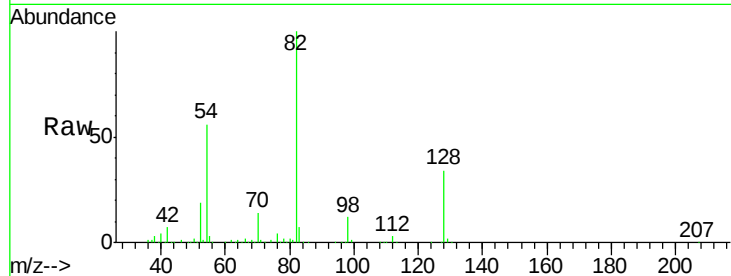




#23
Nitrobenzene-d5
Concen: 69.19 ng
RT: 8.07 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF079661.D
Acq: 3 Jun 2015 14:05

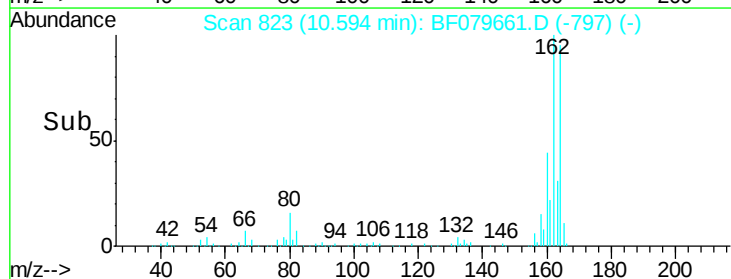
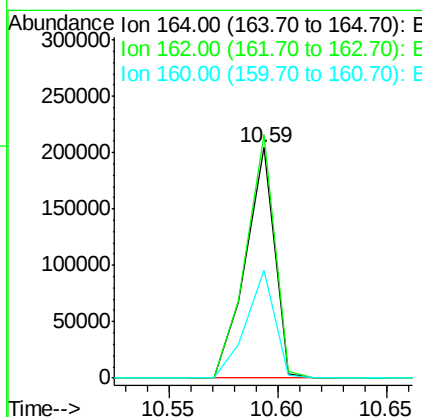
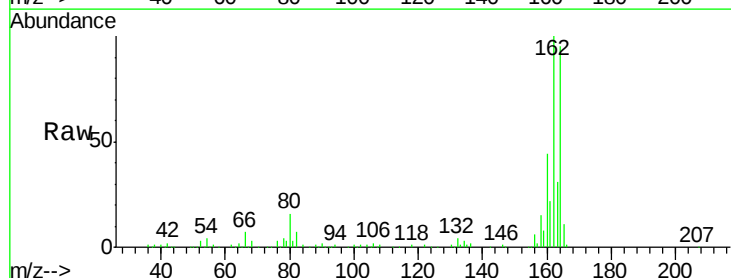
Instrument :
BNA_F
ClientSampleId :
PB83719BL

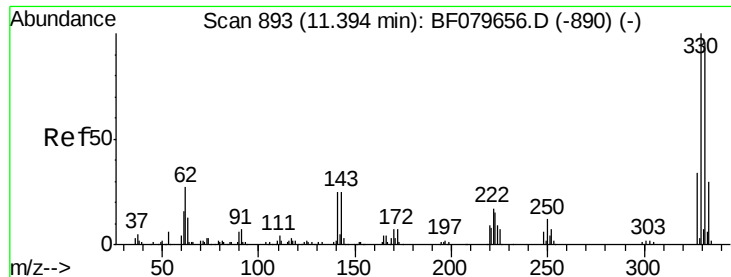
Tot Ion: 82 Resp: 425214
Ion Ratio Lower Upper
82 100
128 33.7 39.4 59.0#
54 56.4 37.4 56.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.59 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF079661.D
Acq: 3 Jun 2015 14:05

Tgt Ion: 164 Resp: 188874
Ion Ratio Lower Upper
164 100
162 105.6 82.0 123.0
160 46.7 35.9 53.9

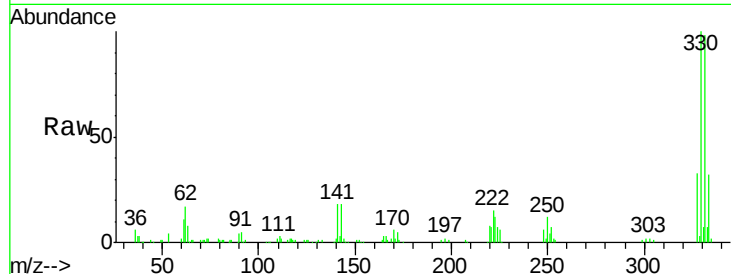




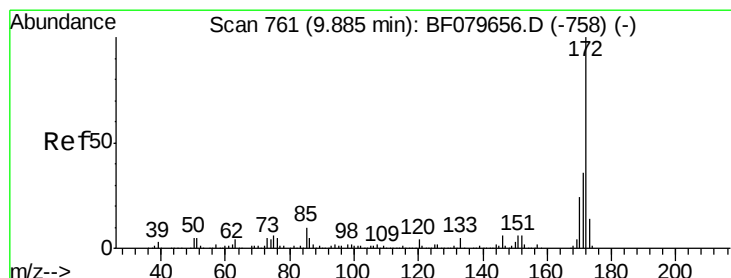
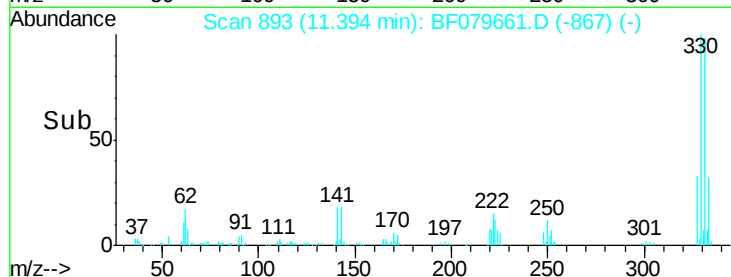
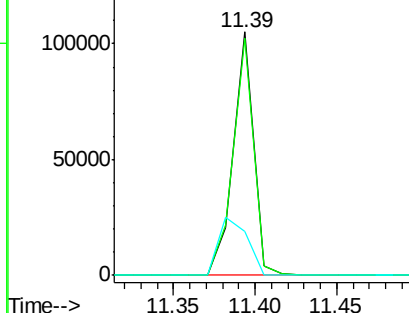
#41
 2,4,6-Tribromophenol
 Concen: 57.58 ng
 RT: 11.39 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: BF079661.D
 Acq: 3 Jun 2015 14:05

Instrument :
 BNA_F
 ClientSampled :
 PB83719BL

Tot Ion:330 Resp: 89752
 Ion Ratio Lower Upper
 330 100
 332 98.9 77.3 115.9
 141 34.2 27.4 41.2

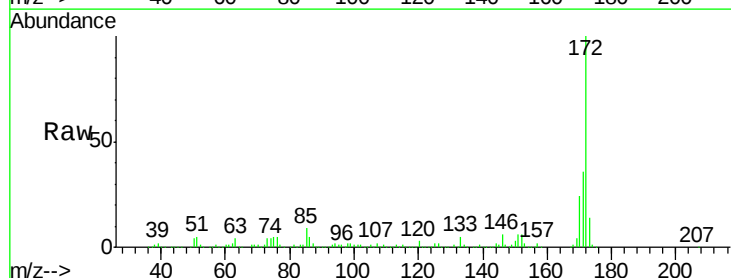


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

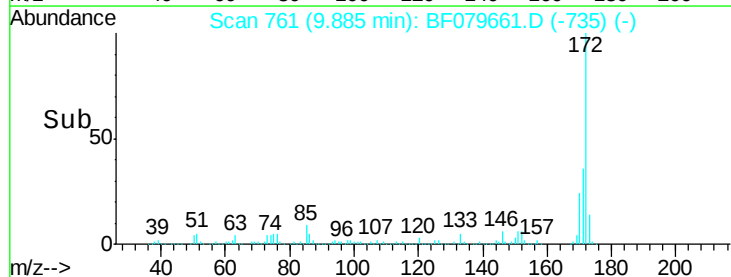
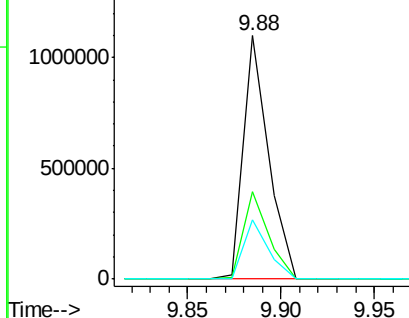


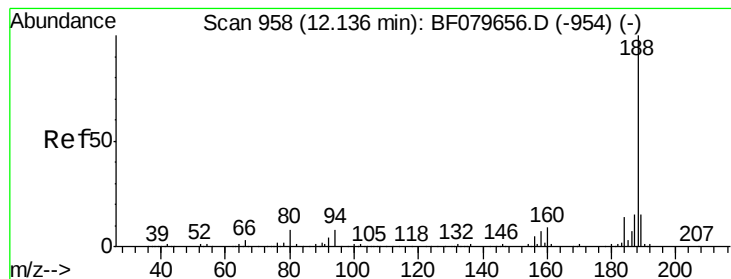
#44
 2-Fluorobiphenyl
 Concen: 82.15 ng
 RT: 9.88 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF079661.D
 Acq: 3 Jun 2015 14:05

Tgt Ion:172 Resp: 1027570
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.8 43.2
 170 24.3 19.2 28.8



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: 12.14 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF079661.D

Acq: 3 Jun 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB83719BL

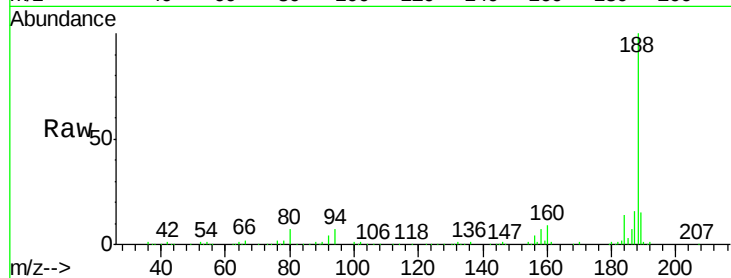
Tot Ion:188 Resp: 380035

Ion Ratio Lower Upper

188 100

94 7.0 6.1 9.1

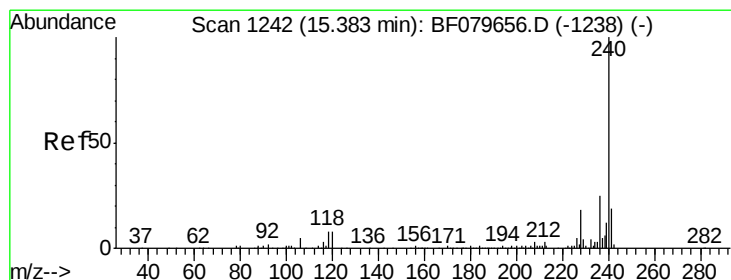
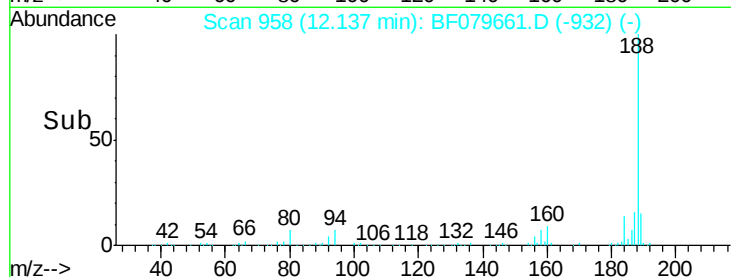
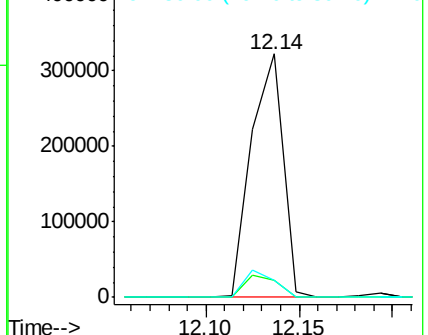
80 7.2 6.2 9.2



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: 15.35 min Scan# 1239

Delta R.T. -0.03 min

Lab File: BF079661.D

Acq: 3 Jun 2015 14:05

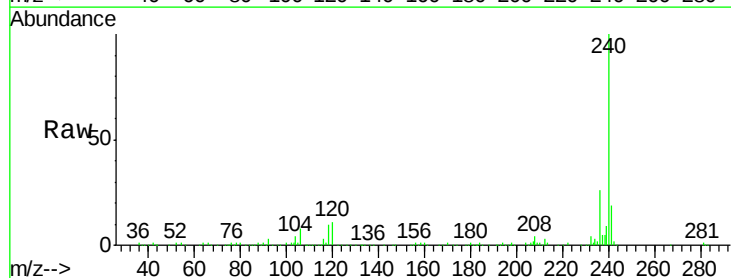
Tgt Ion:240 Resp: 405332

Ion Ratio Lower Upper

240 100

120 10.8 6.4 9.6#

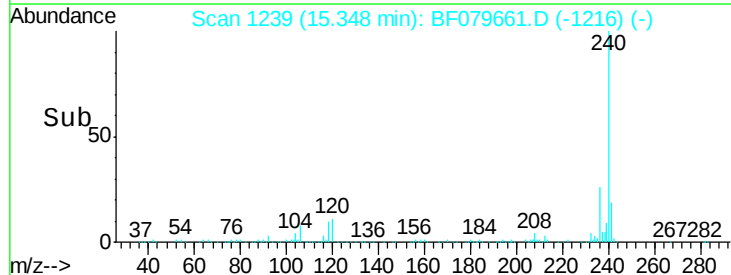
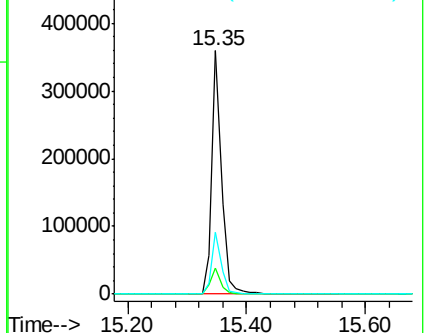
236 25.6 20.2 30.4

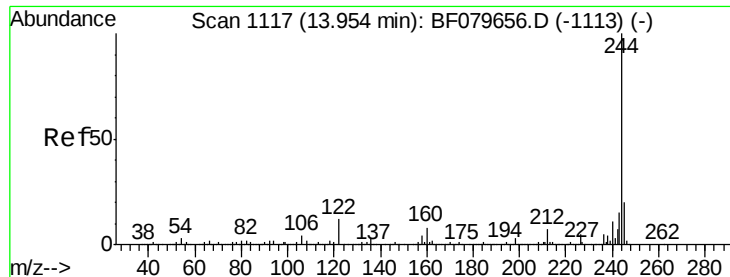


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 84.69 ng

RT: 13.95 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BF079661.D

Acq: 3 Jun 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB83719BL

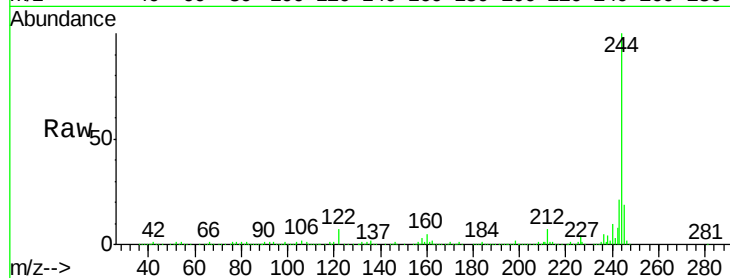
Tot Ion:244 Resp: 1353441

Ion Ratio Lower Upper

244 100

212 6.7 5.9 8.9

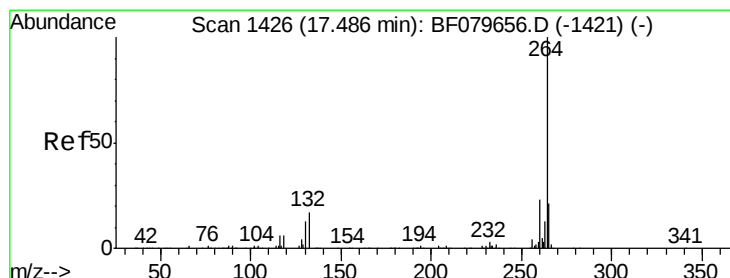
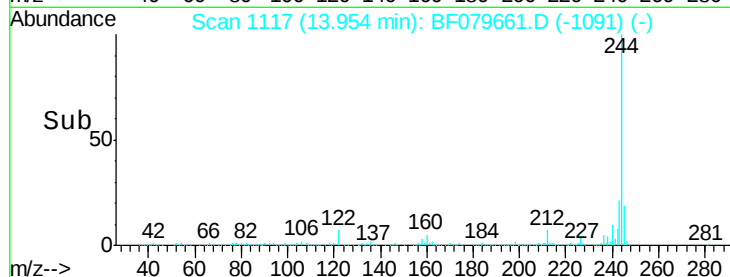
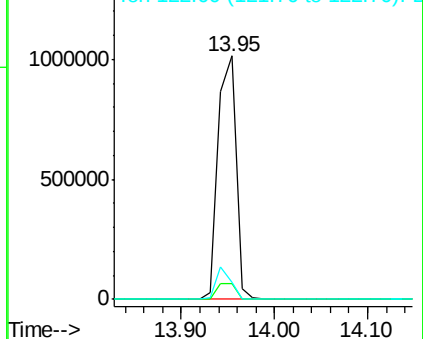
122 6.9 9.8 14.6#



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: 17.44 min Scan# 1422

Delta R.T. -0.05 min

Lab File: BF079661.D

Acq: 3 Jun 2015 14:05

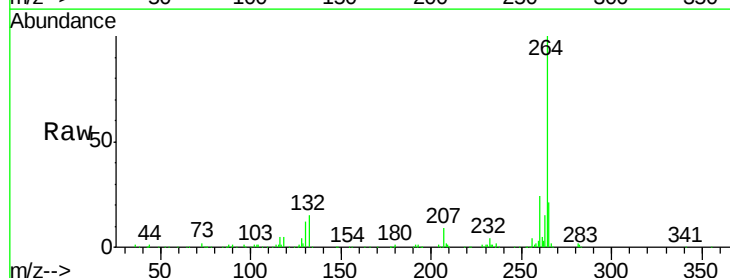
Tgt Ion:264 Resp: 372368

Ion Ratio Lower Upper

264 100

260 23.5 18.8 28.2

265 21.2 17.4 26.0



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

