

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061015\
 Data File : BF079868.D
 Acq On : 10 Jun 2015 16:48
 Operator : TP/IZ
 Sample : PB83890BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83890BL

Quant Time: Jun 11 02:06:21 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 00:53:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	54452	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	209154	20.00	ng	0.00
38) Acenaphthene-d10	10.48	164	103862	20.00	ng	-0.01
63) Phenanthrene-d10	12.00	188	206977	20.00	ng	0.00
75) Chrysene-d12	15.06	240	212006	20.00	ng	-0.01
86) Perylene-d12	17.03	264	190139	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	378599	114.59	ng	0.00
7) Phenol-d6	7.02	99	527067	123.29	ng	0.00
23) Nitrobenzene-d5	7.98	82	229395	63.36	ng	0.00
41) 2,4,6-Tribromophenol	11.28	330	100381	111.68	ng	0.00
44) 2-Fluorobiphenyl	9.78	172	632865	85.70	ng	0.00
78) Terphenyl-d14	13.73	244	761185	80.94	ng	-0.01

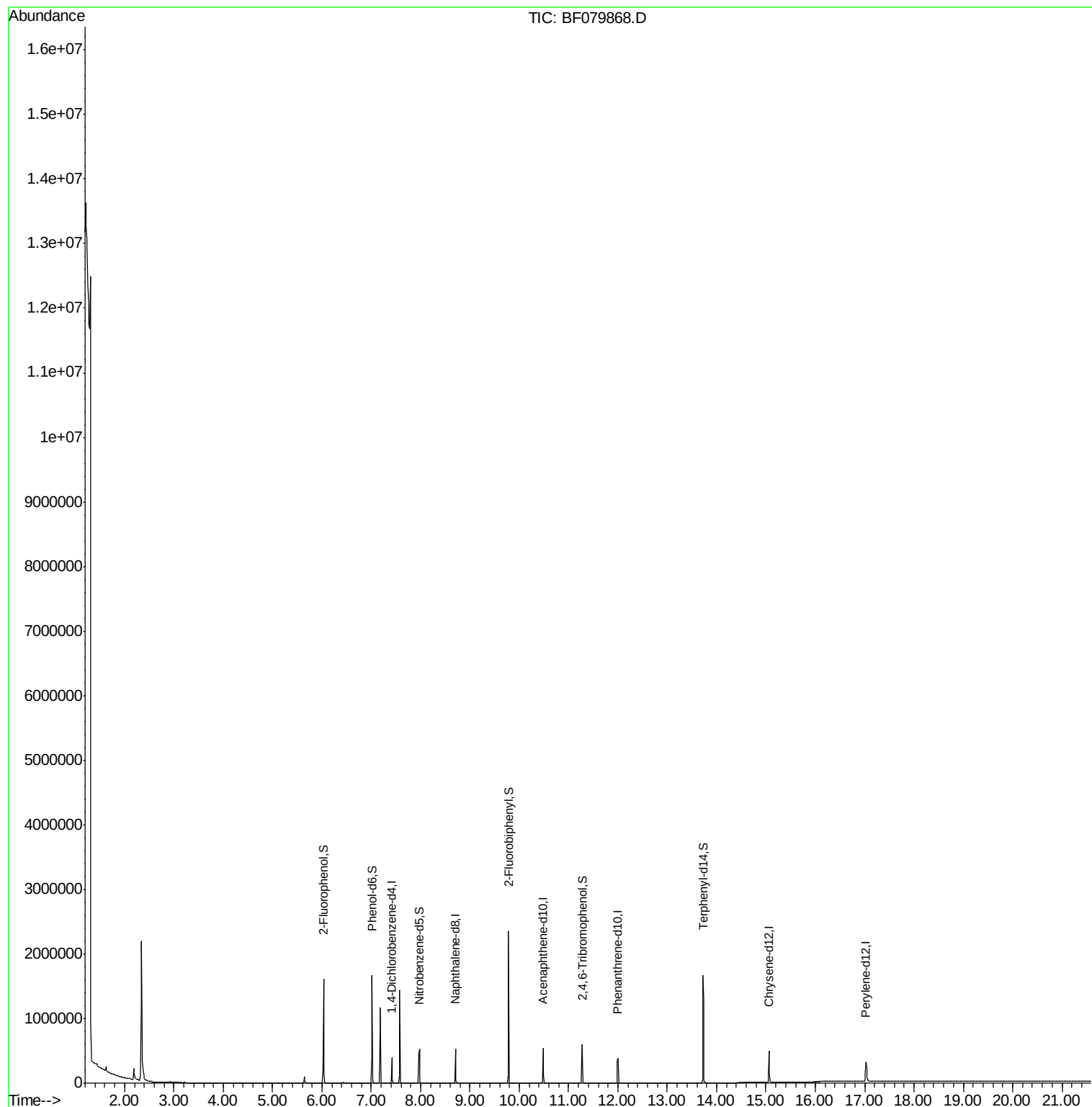
Target Compounds	Qvalue
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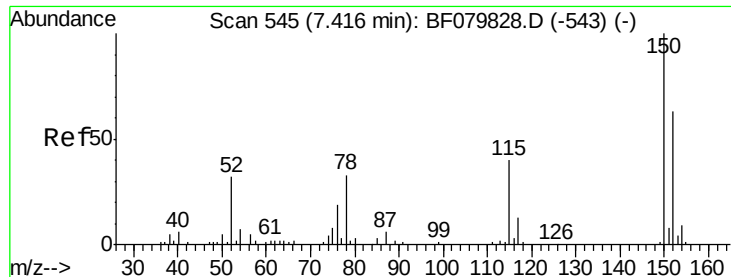
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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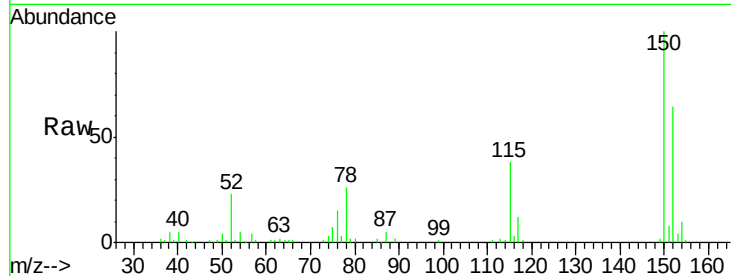


#1

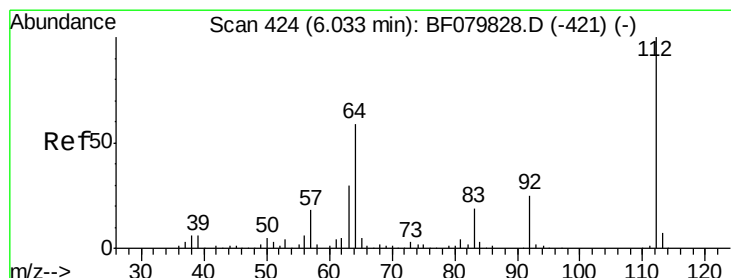
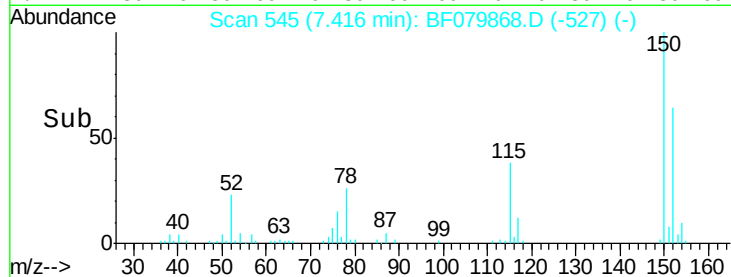
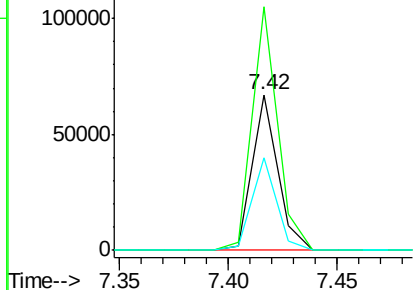
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.42 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF079868.D
Acq: 10 Jun 2015 16:48

Instrument :
BNA_F
ClientSampleId :
PB83890BL

Tgt Ion:152 Resp: 54452
Ion Ratio Lower Upper
152 100
150 156.7 131.4 197.2
115 59.3 56.5 84.7



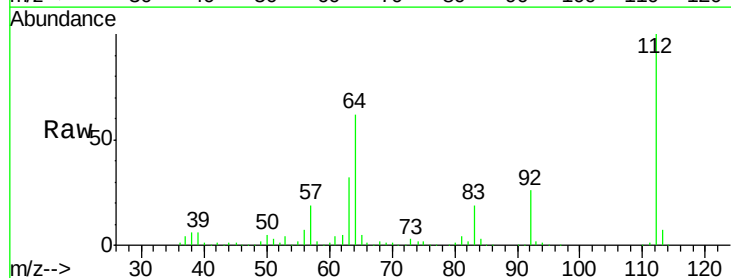
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



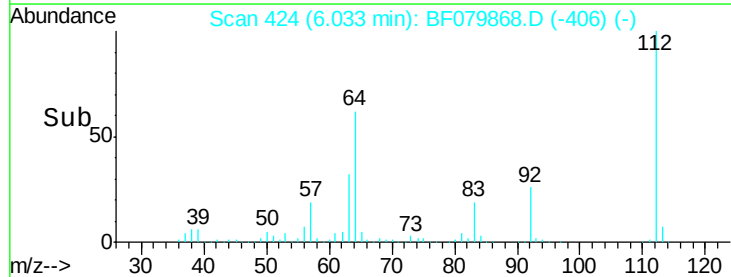
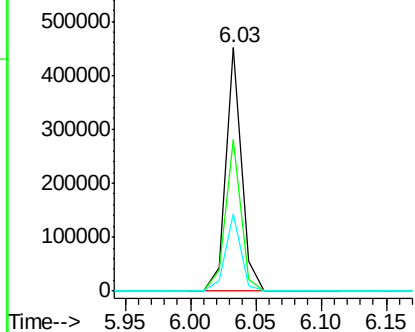
#5

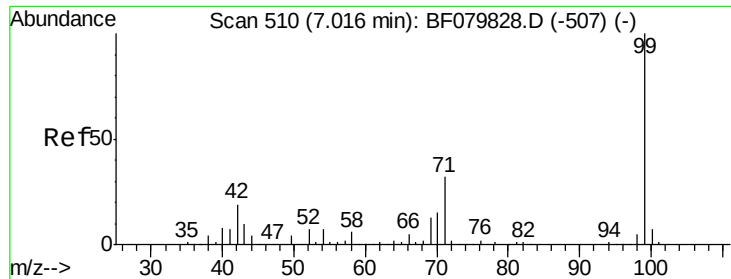
2-Fluorophenol
Concen: 114.59 ng
RT: 6.03 min Scan# 424
Delta R.T. 0.00 min
Lab File: BF079868.D
Acq: 10 Jun 2015 16:48

Tgt Ion:112 Resp: 378599
Ion Ratio Lower Upper
112 100
64 62.4 44.2 66.4
63 31.7 22.8 34.2



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: 123.29 ng

RT: 7.02 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF079868.D

Acq: 10 Jun 2015 16:48

Instrument :

BNA_F

ClientSampleId :

PB83890BL

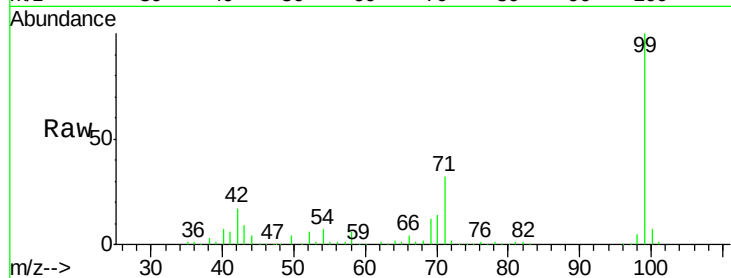
Tgt Ion: 99 Resp: 527067

Ion Ratio Lower Upper

99 100

42 17.3 13.7 20.5

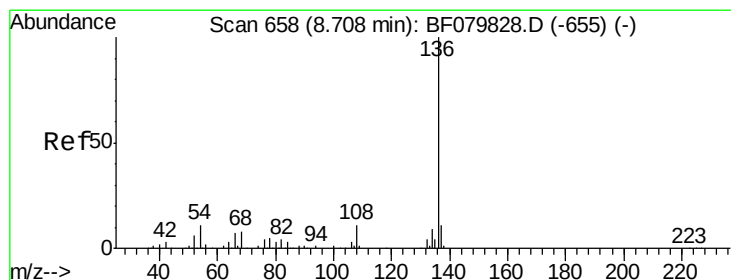
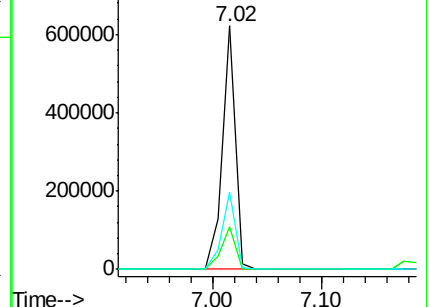
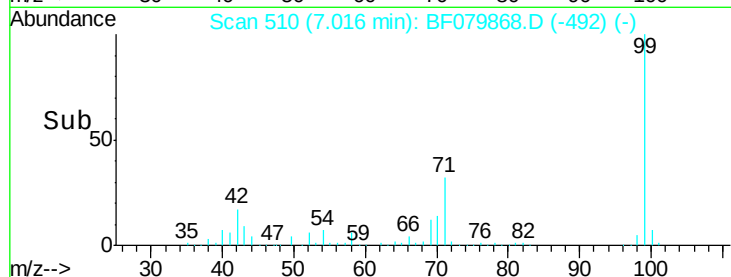
71 31.5 25.1 37.7



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: 8.71 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF079868.D

Acq: 10 Jun 2015 16:48

Tgt Ion: 136 Resp: 209154

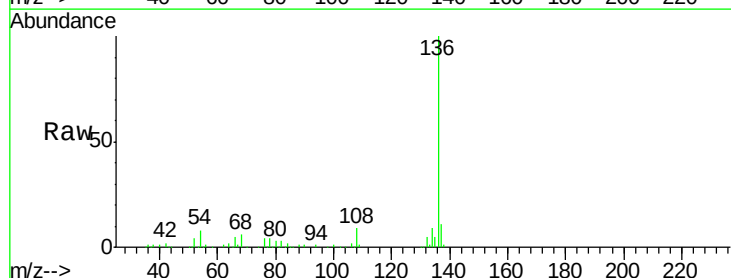
Ion Ratio Lower Upper

136 100

137 10.7 9.3 13.9

54 8.3 8.1 12.1

68 6.2 4.8 7.2

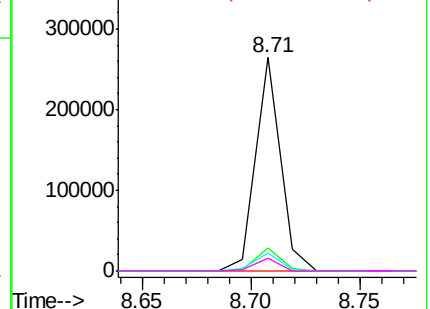
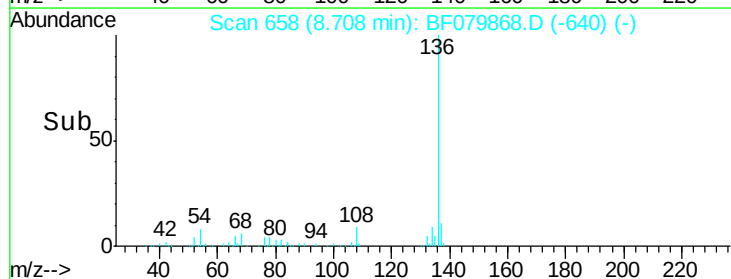


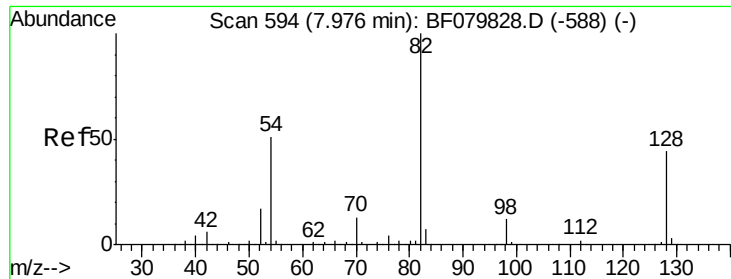
Abundance Ion 136.00 (135.70 to 136.70): E

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

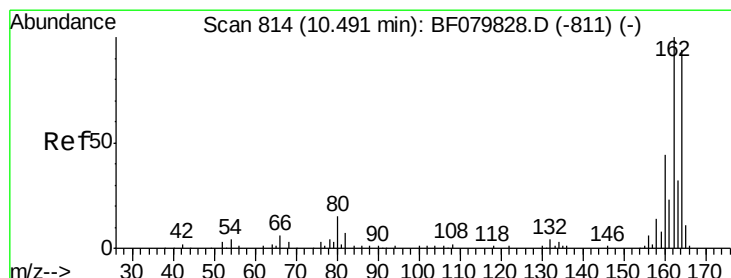
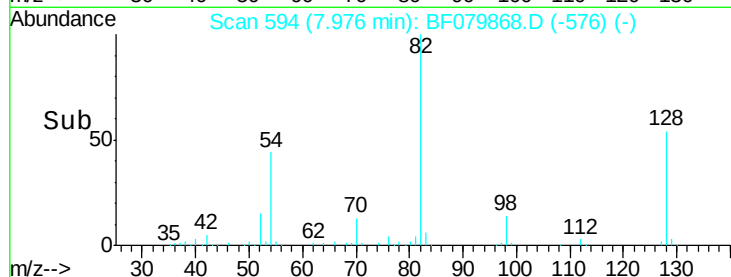
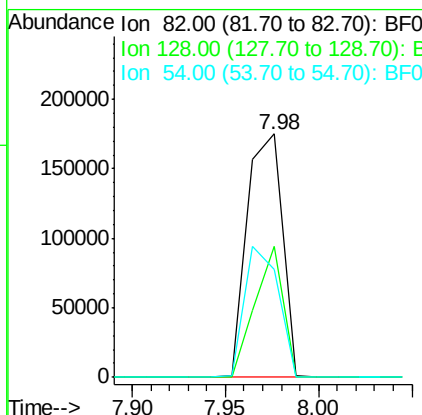
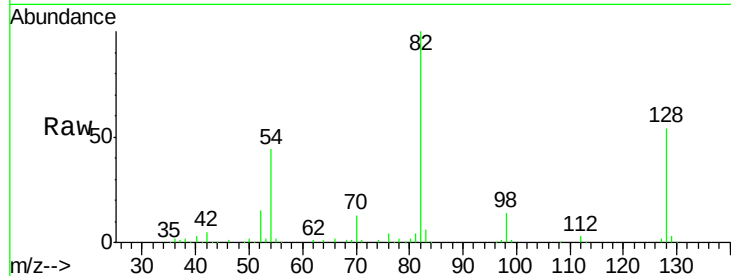




#23
 Nitrobenzene-d5
 Concen: 63.36 ng
 RT: 7.98 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF079868.D
 Acq: 10 Jun 2015 16:48

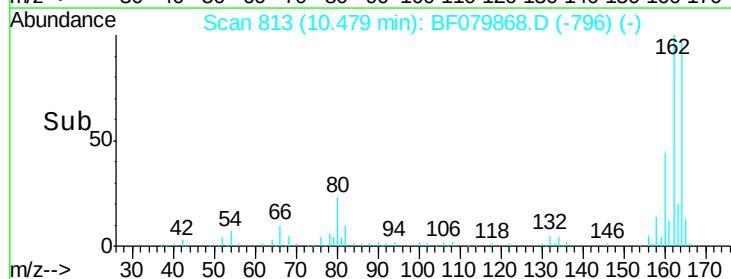
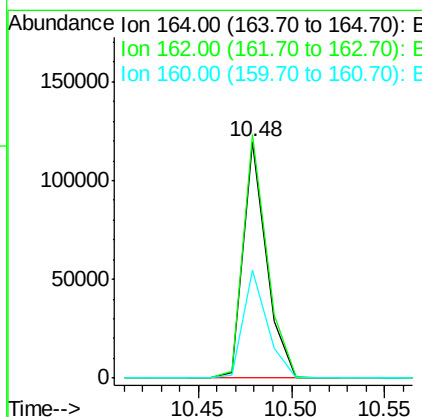
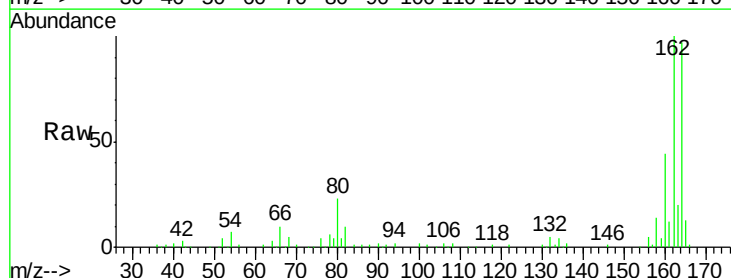
Instrument :
 BNA_F
 ClientSampleId :
 PB83890BL

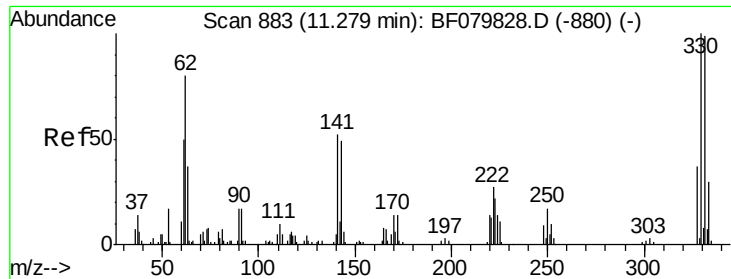
Tgt Ion	Ratio	Lower	Upper
82	100		
128	53.6	35.2	52.8
54	44.5	39.2	58.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.48 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF079868.D
 Acq: 10 Jun 2015 16:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	89.8	134.8
160	45.6	39.6	59.4

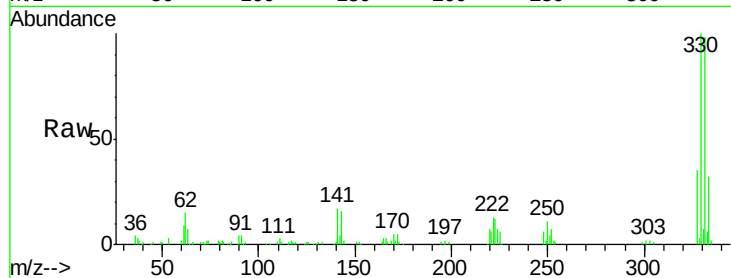




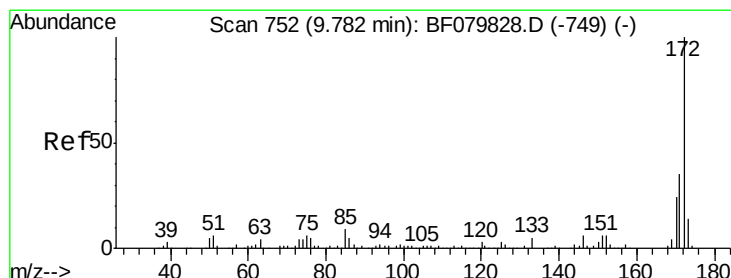
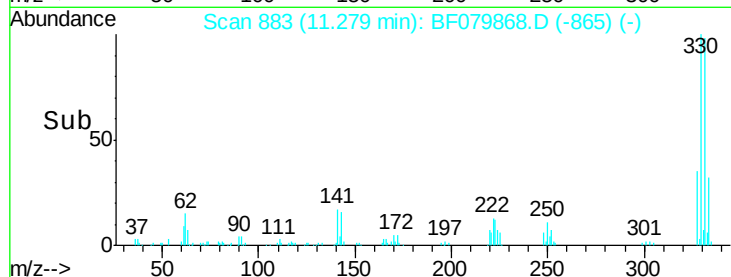
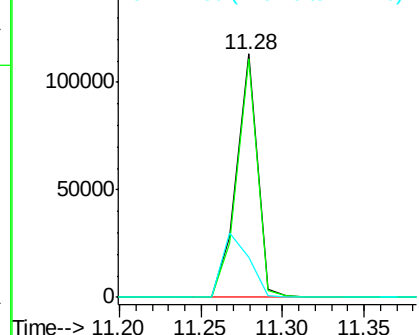
#41
 2,4,6-Tribromophenol
 Concen: 111.68 ng
 RT: 11.28 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF079868.D
 Acq: 10 Jun 2015 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB83890BL

Tgt Ion:330 Resp: 100381
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.8 115.2
 141 34.0 29.1 43.7

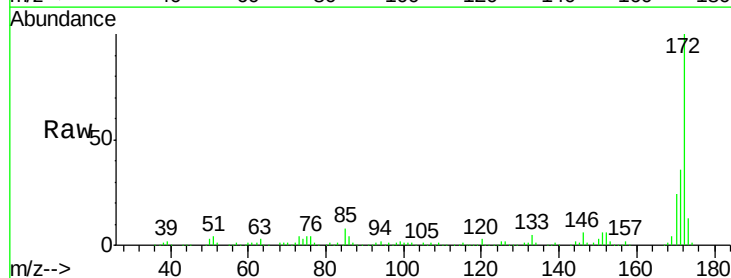


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

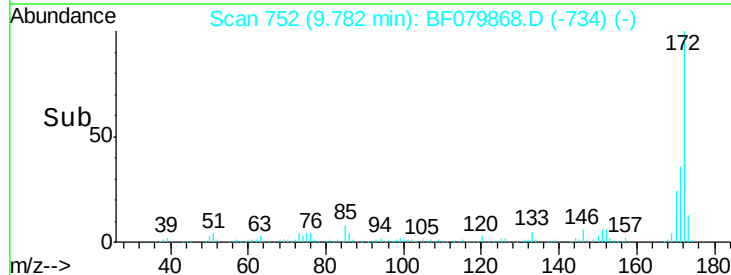
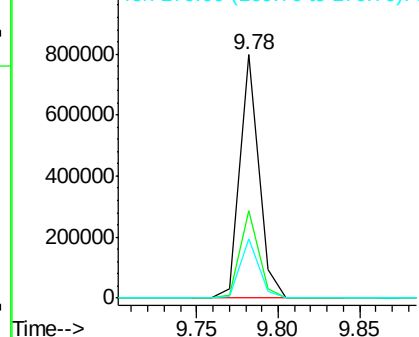


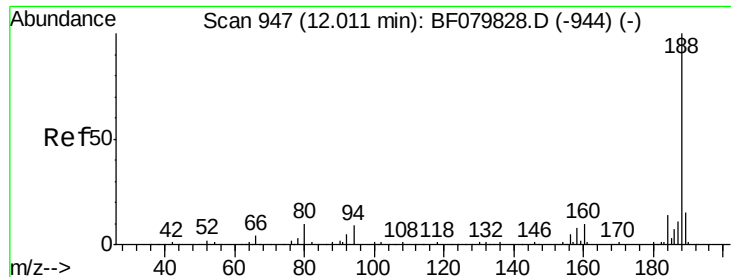
#44
 2-Fluorobiphenyl
 Concen: 85.70 ng
 RT: 9.78 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF079868.D
 Acq: 10 Jun 2015 16:48

Tgt Ion:172 Resp: 632865
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.5 42.7
 170 24.3 18.8 28.2



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

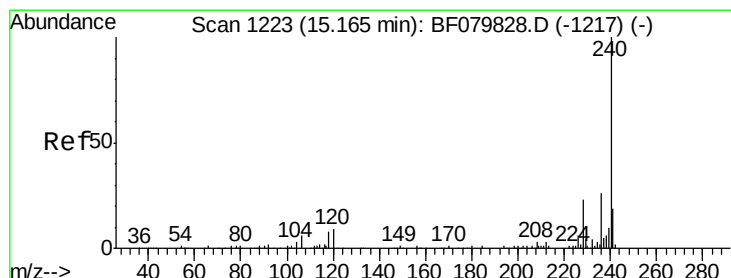
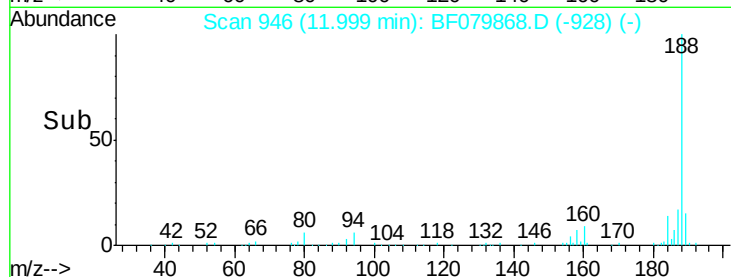
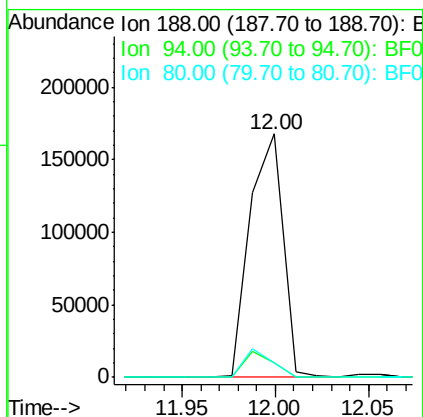
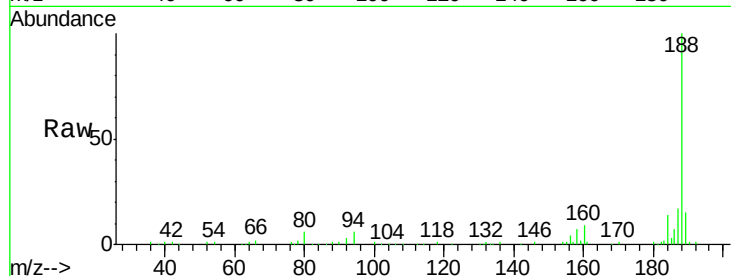




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.00 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF079868.D
Acq: 10 Jun 2015 16:48

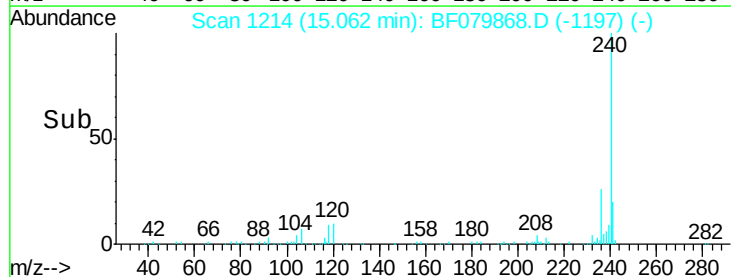
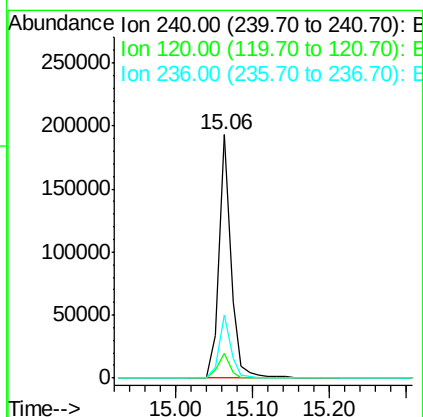
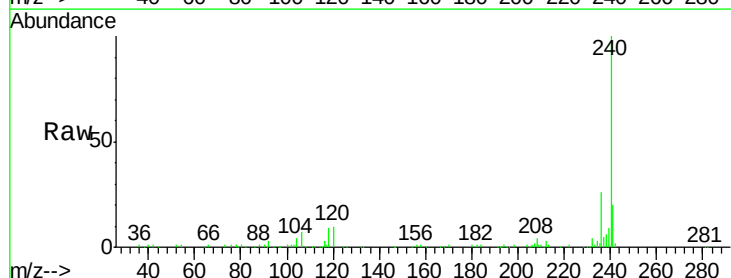
Instrument :
BNA_F
ClientSampleId :
PB83890BL

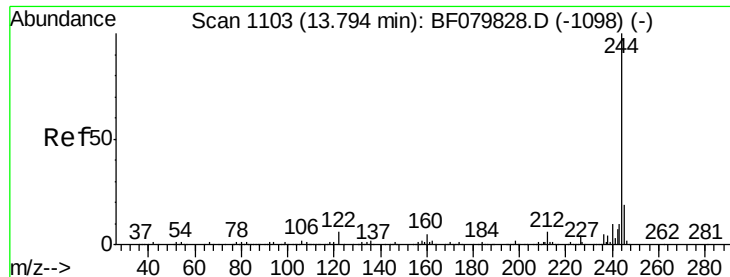
Tgt Ion:188 Resp: 206977
Ion Ratio Lower Upper
188 100
94 5.8 7.4 11.0#
80 6.0 8.0 12.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF079868.D
Acq: 10 Jun 2015 16:48

Tgt Ion:240 Resp: 212006
Ion Ratio Lower Upper
240 100
120 10.3 6.6 9.8#
236 25.9 20.2 30.4





#78

Terphenyl-d14

Concen: 80.94 ng

RT: 13.73 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BF079868.D

Acq: 10 Jun 2015 16:48

Instrument :

BNA_F

ClientSampleId :

PB83890BL

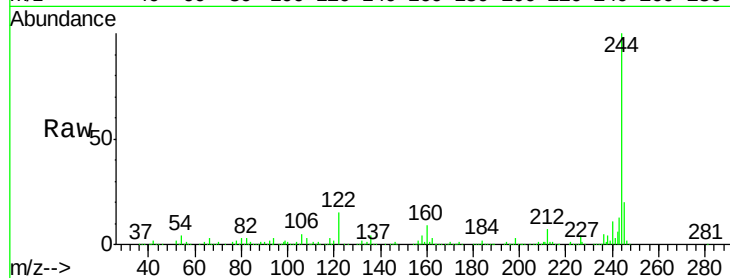
Tgt Ion:244 Resp: 761185

Ion Ratio Lower Upper

244 100

212 7.5 5.6 8.4

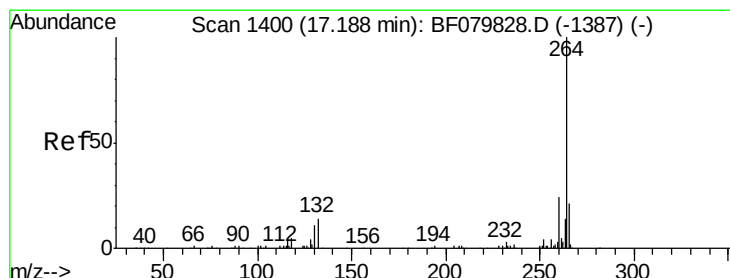
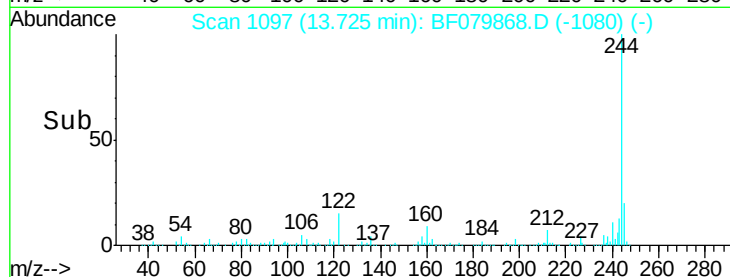
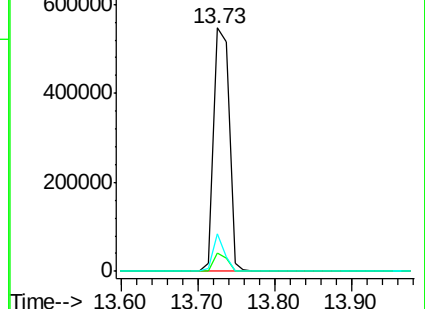
122 15.2 8.2 12.2#



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: 17.03 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BF079868.D

Acq: 10 Jun 2015 16:48

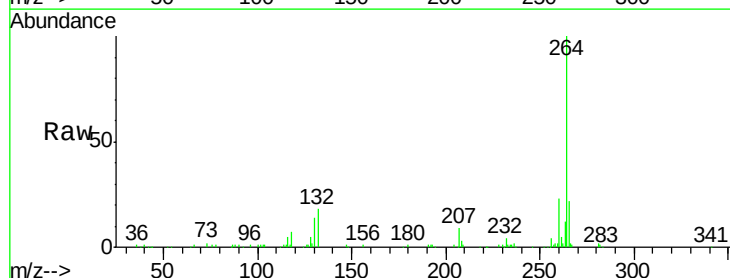
Tgt Ion:264 Resp: 190139

Ion Ratio Lower Upper

264 100

260 22.9 19.5 29.3

265 21.9 18.0 27.0



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

