

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051515\
 Data File : BF079269.D
 Acq On : 15 May 2015 14:55
 Operator : TP/IZ
 Sample : PB83401TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83401TB

Quant Time: May 15 23:16:08 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 22:54:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	56870	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	239376	20.00	ng	0.00
38) Acenaphthene-d10	10.92	164	117167	20.00	ng	0.00
63) Phenanthrene-d10	12.77	188	222547	20.00	ng	0.00
75) Chrysene-d12	16.09	240	206031	20.00	ng	0.00
86) Perylene-d12	17.95	264	196144	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	50921	15.41	ng	0.00
7) Phenol-d6	6.74	99	71856	16.45	ng	-0.01
23) Nitrobenzene-d5	7.86	82	36256	8.70	ng	-0.01
41) 2,4,6-Tribromophenol	11.91	330	17389	13.72	ng	0.00
44) 2-Fluorobiphenyl	10.10	172	86524	10.29	ng	0.00
78) Terphenyl-d14	14.77	244	94834	11.02	ng	0.00

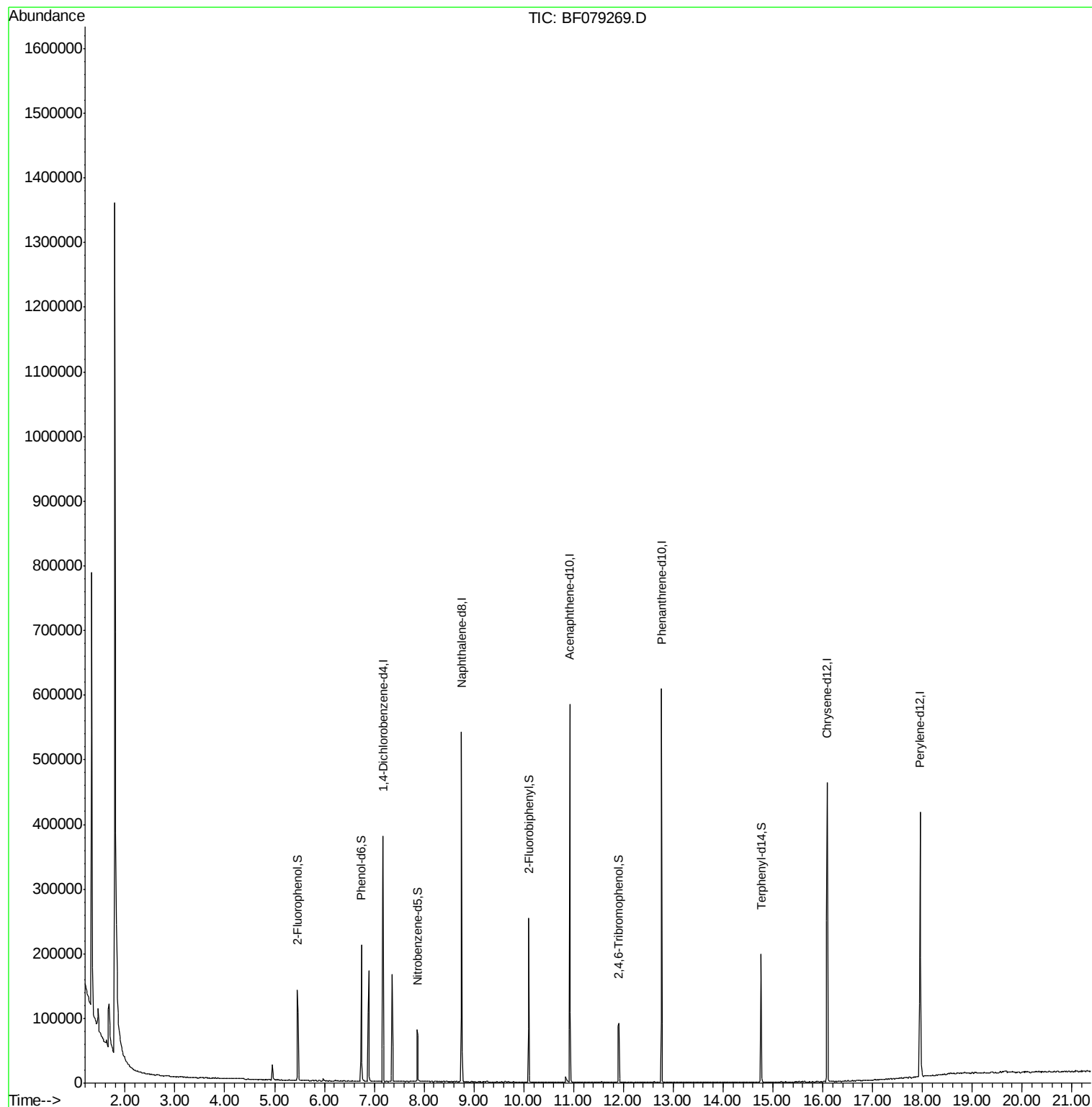
Target Compounds	Qvalue
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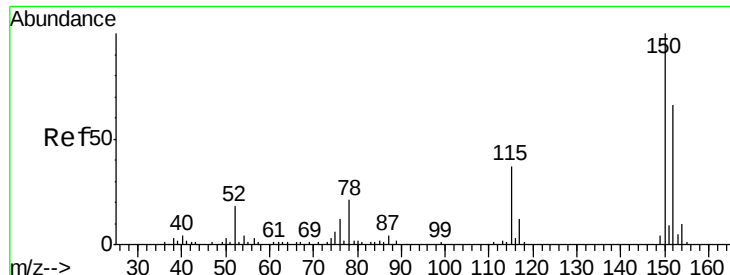
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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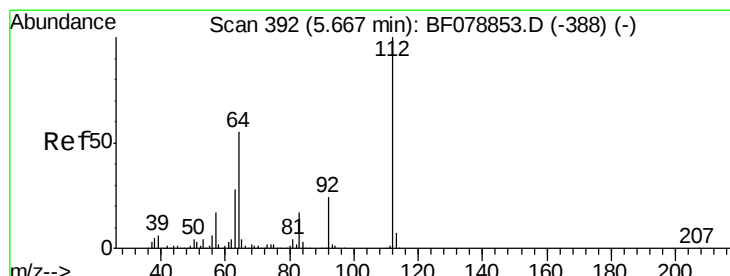
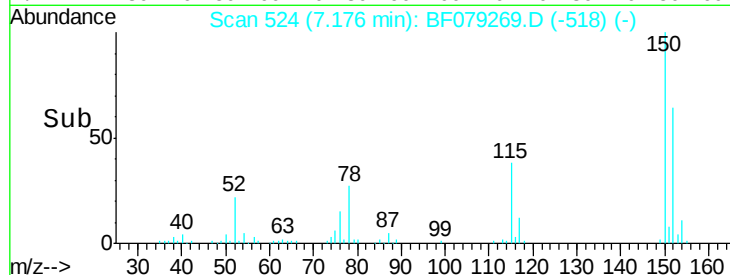
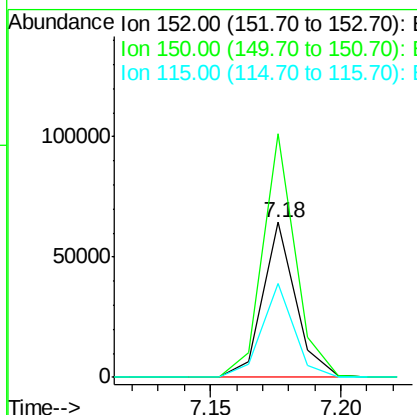
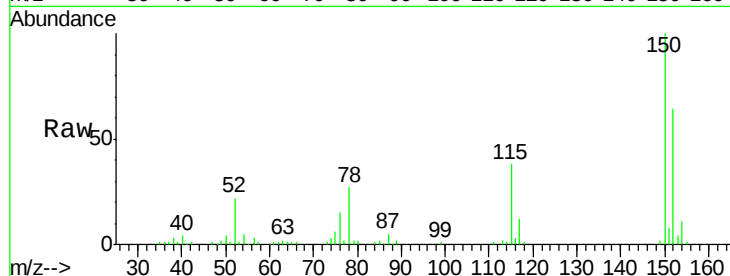




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.18 min Scan# 524
 Delta R.T. 0.00 min
 Lab File: BF079269.D
 Acq: 15 May 2015 14:55

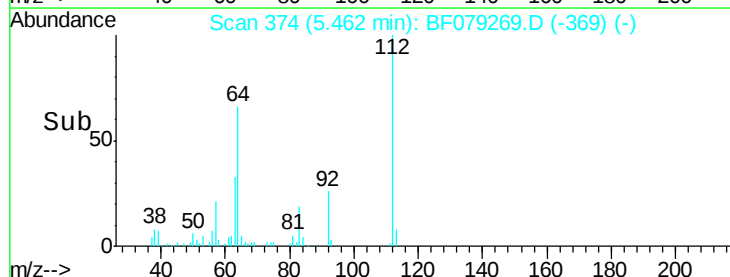
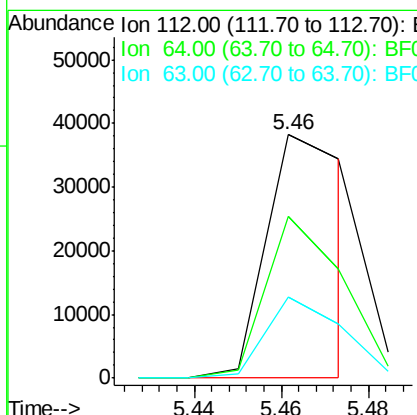
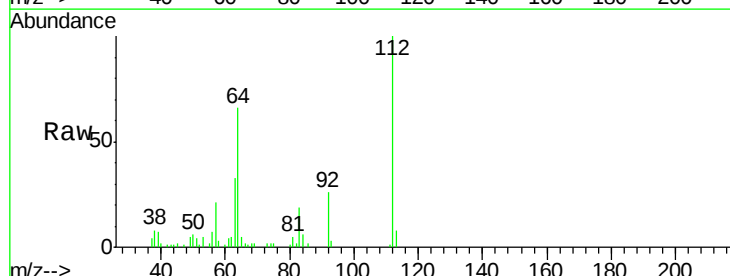
Instrument :
 BNA_F
 ClientSampleId :
 PB83401TB

Tgt Ion:152 Resp: 56870
 Ion Ratio Lower Upper
 152 100
 150 157.0 123.8 185.8
 115 60.2 49.4 74.0



#5
 2-Fluorophenol
 Concen: 15.41 ng
 RT: 5.46 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: BF079269.D
 Acq: 15 May 2015 14:55

Tgt Ion:112 Resp: 50921
 Ion Ratio Lower Upper
 112 100
 64 66.4 44.2 66.2#
 63 33.1 22.7 34.1





#7

Phenol-d6

Concen: 16.45 ng

RT: 6.74 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF079269.D

Acq: 15 May 2015 14:55

Instrument :

BNA_F

ClientSampled :

PB83401TB

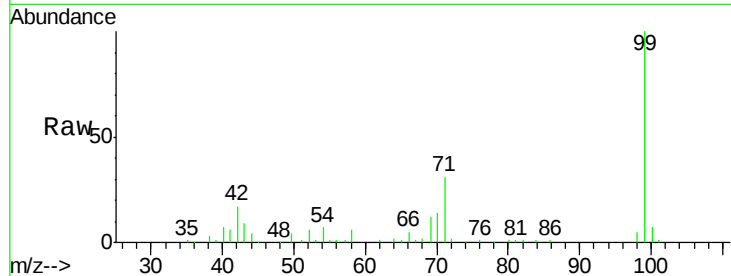
Tgt Ion: 99 Resp: 71856

Ion Ratio Lower Upper

99 100

42 17.1 17.1 25.7#

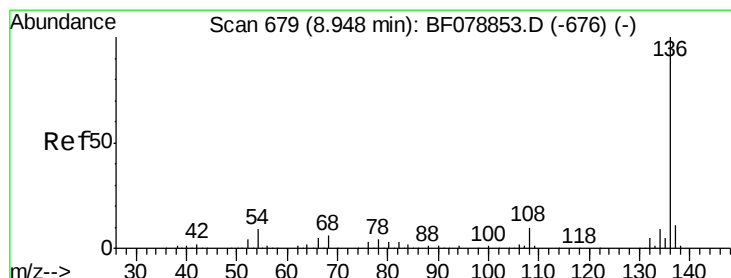
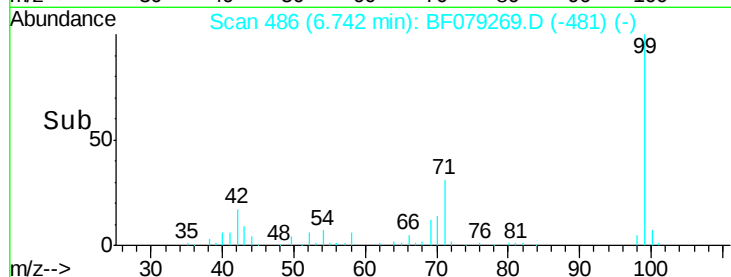
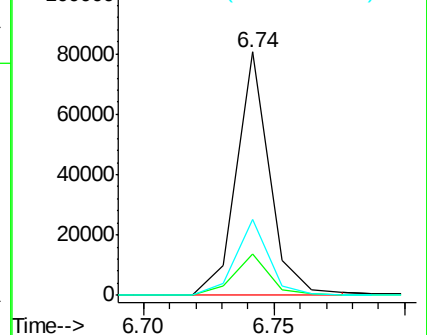
71 30.9 26.3 39.5



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: 8.75 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF079269.D

Acq: 15 May 2015 14:55

Tgt Ion: 136 Resp: 239376

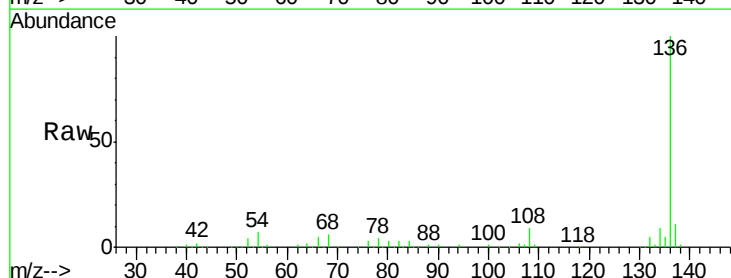
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.0 6.9 10.3

68 5.6 4.9 7.3

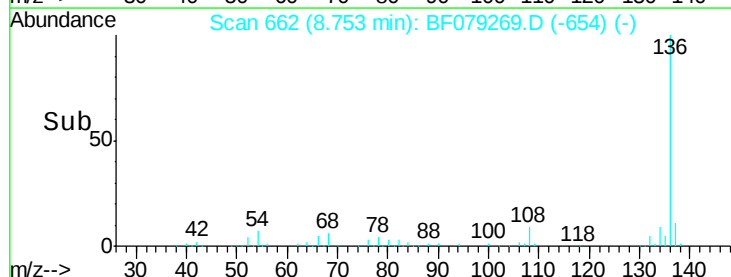
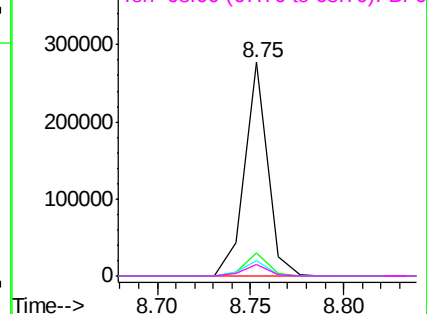


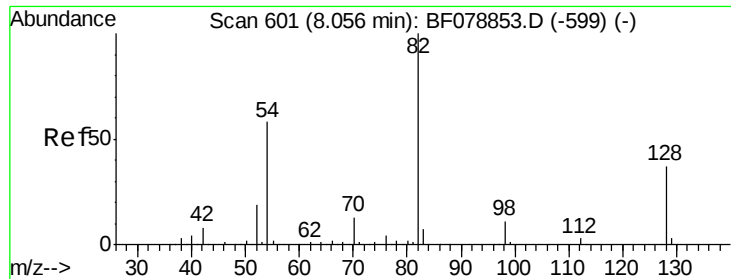
Abundance Ion 136.00 (135.70 to 136.70): E

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

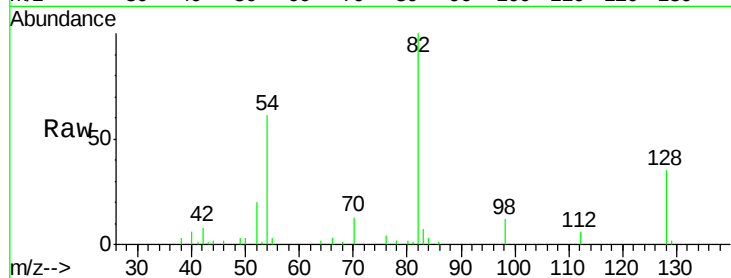




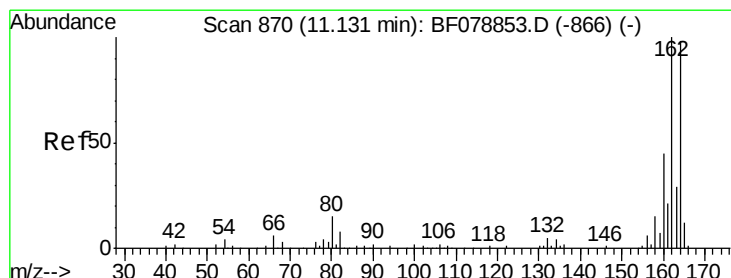
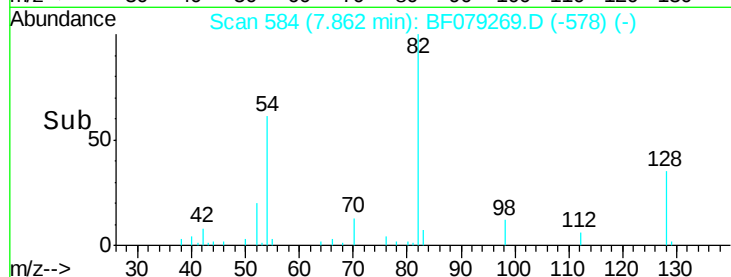
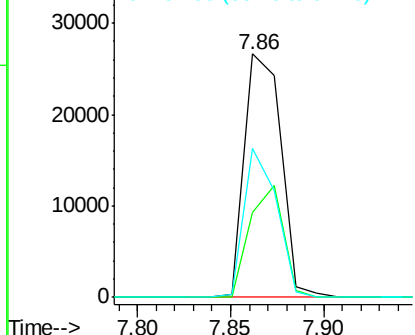
#23
Nitrobenzene-d5
Concen: 8.70 ng
RT: 7.86 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF079269.D
Acq: 15 May 2015 14:55

Instrument :
BNA_F
ClientSampleId :
PB83401TB

Tgt Ion: 82 Resp: 36256
Ion Ratio Lower Upper
82 100
128 35.0 29.7 44.5
54 60.9 46.2 69.4

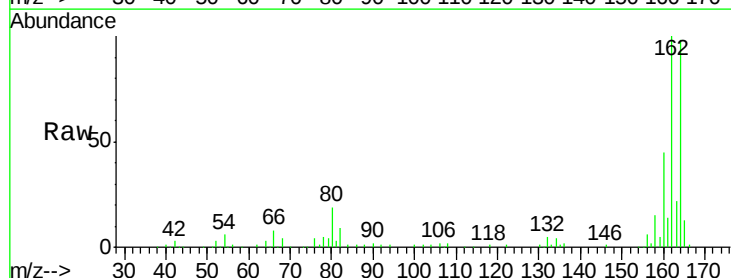


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

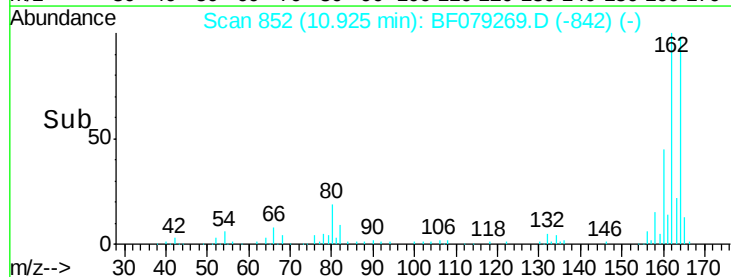
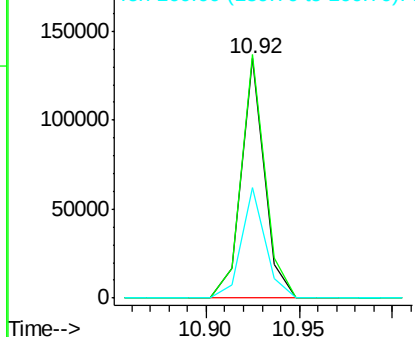


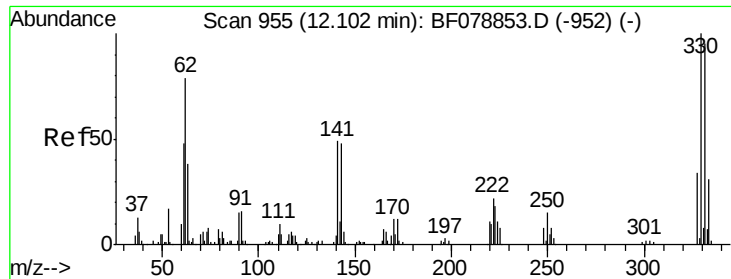
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.92 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF079269.D
Acq: 15 May 2015 14:55

Tgt Ion: 164 Resp: 117167
Ion Ratio Lower Upper
164 100
162 101.7 81.4 122.0
160 45.9 36.6 54.8



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

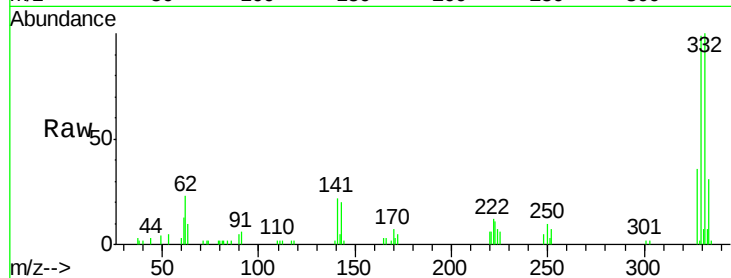




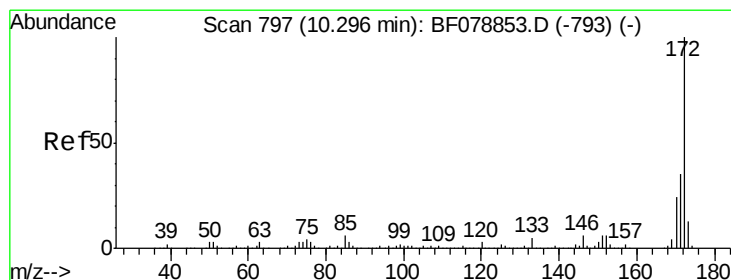
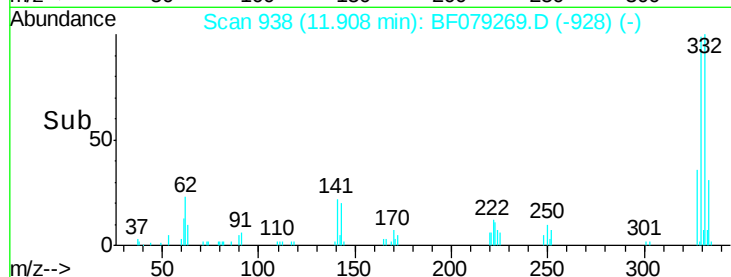
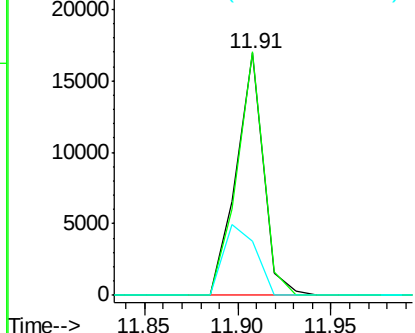
#41
 2,4,6-Tribromophenol
 Concen: 13.72 ng
 RT: 11.91 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF079269.D
 Acq: 15 May 2015 14:55

Instrument :
 BNA_F
 ClientSampleId :
 PB83401TB

Tgt Ion:330 Resp: 17389
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.9 115.3
 141 34.4 27.8 41.8

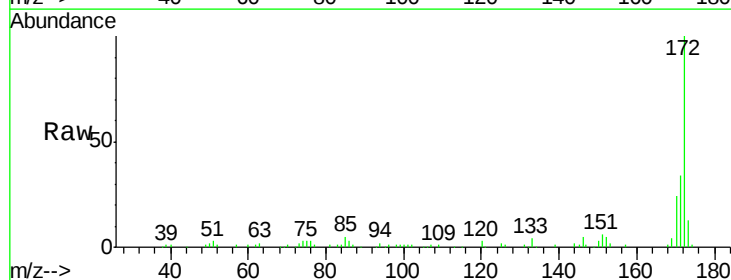


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

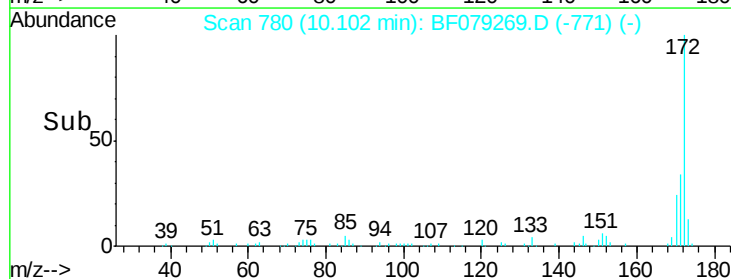
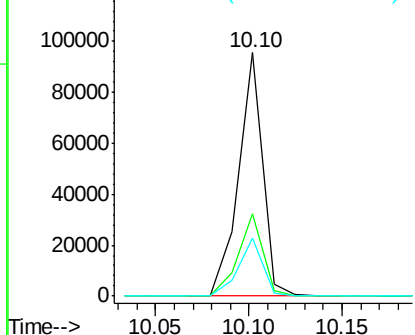


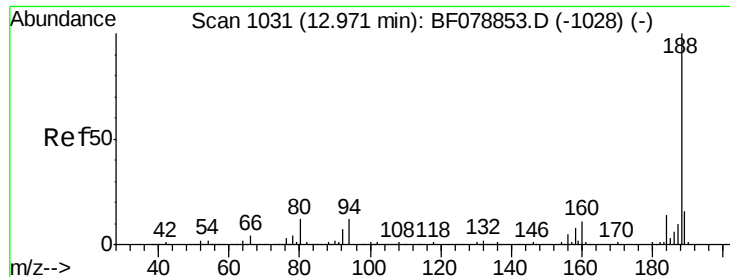
#44
 2-Fluorobiphenyl
 Concen: 10.29 ng
 RT: 10.10 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF079269.D
 Acq: 15 May 2015 14:55

Tgt Ion:172 Resp: 86524
 Ion Ratio Lower Upper
 172 100
 171 33.7 28.3 42.5
 170 23.7 19.4 29.2



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

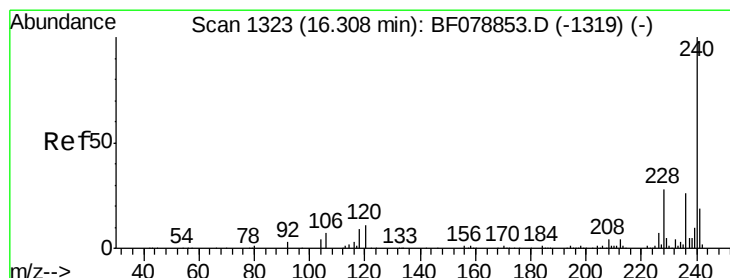
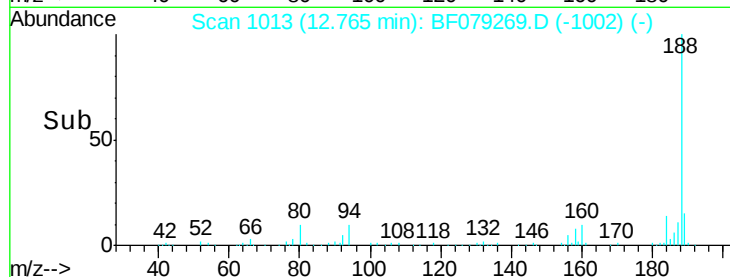
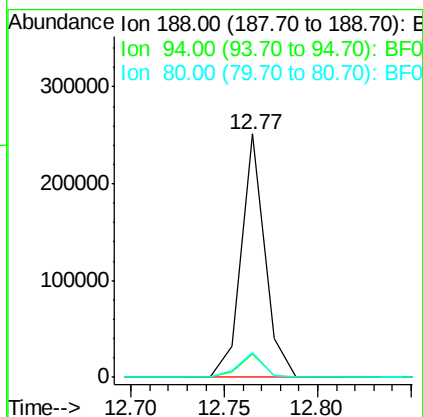
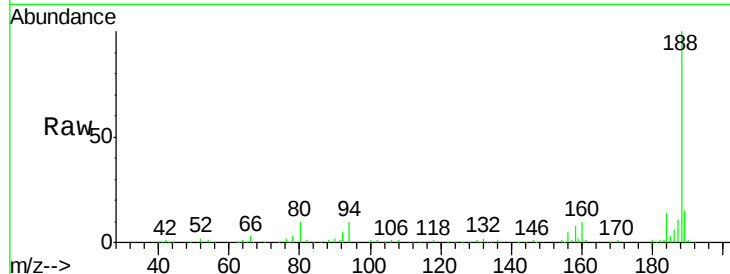




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.77 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF079269.D
Acq: 15 May 2015 14:55

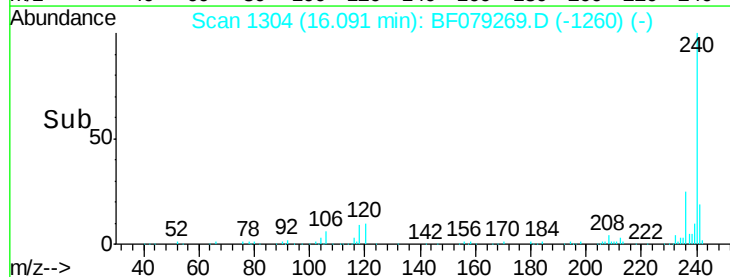
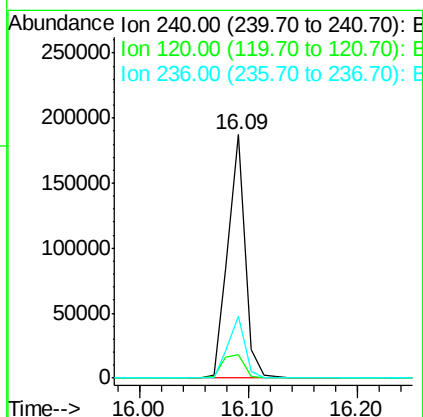
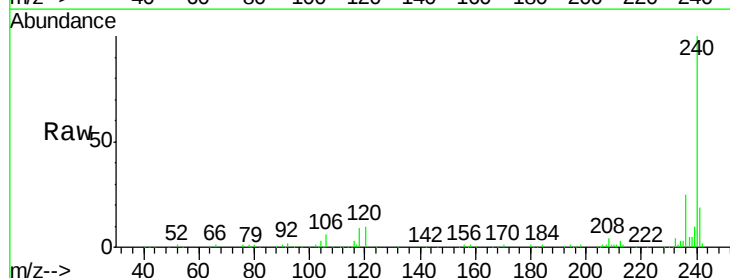
Instrument :
BNA_F
ClientSampleId :
PB83401TB

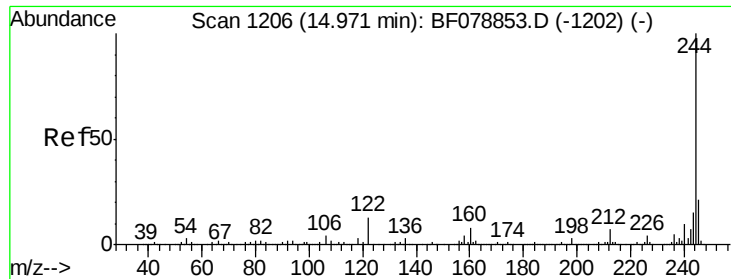
Tgt Ion:188 Resp: 222547
Ion Ratio Lower Upper
188 100
94 9.7 9.4 14.0
80 10.0 9.8 14.6



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF079269.D
Acq: 15 May 2015 14:55

Tgt Ion:240 Resp: 206031
Ion Ratio Lower Upper
240 100
120 9.6 8.6 12.8
236 25.5 21.0 31.6





#78

Terphenyl-d14

Concen: 11.02 ng

RT: 14.77 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF079269.D

Acq: 15 May 2015 14:55

Instrument :

BNA_F

ClientSampled :

PB83401TB

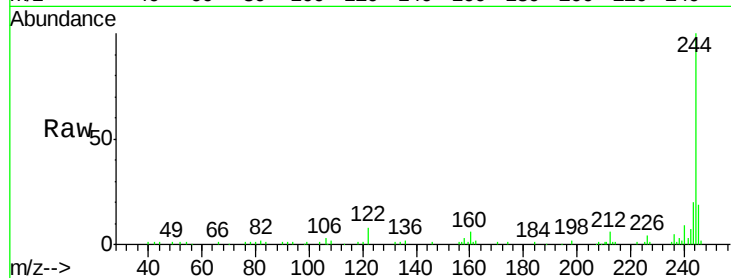
Tgt Ion:244 Resp: 94834

Ion Ratio Lower Upper

244 100

212 6.1 5.6 8.4

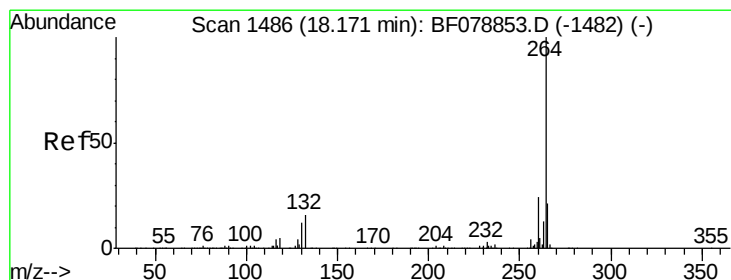
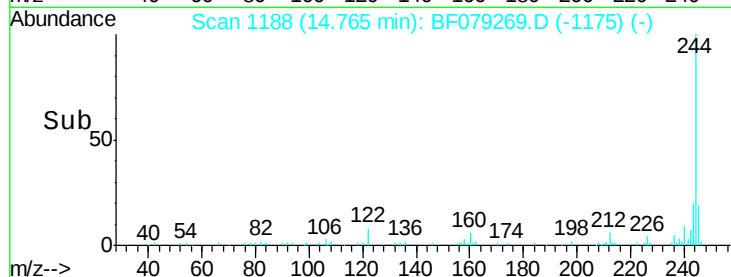
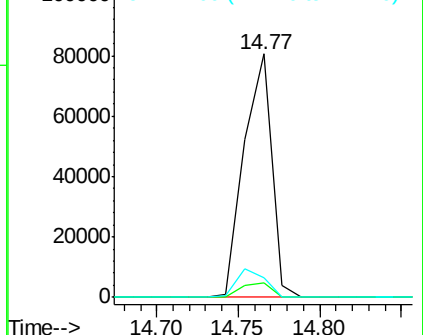
122 8.0 10.5 15.7#



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: 17.95 min Scan# 1467

Delta R.T. 0.02 min

Lab File: BF079269.D

Acq: 15 May 2015 14:55

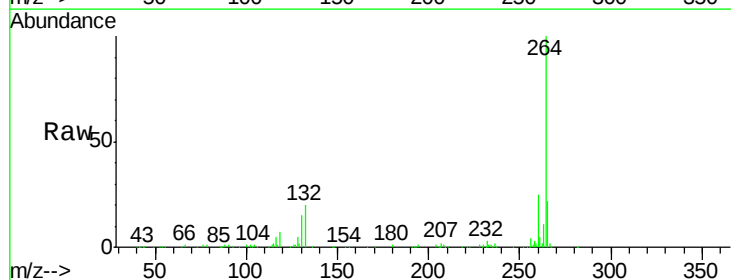
Tgt Ion:264 Resp: 196144

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 22.1 17.2 25.8



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

