

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052115\
 Data File : BF079418.D
 Acq On : 21 May 2015 22:29
 Operator : TP/IZ
 Sample : PB83529BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83529BL

Quant Time: May 22 01:34:18 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 22 01:11:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	58561	20.00	ng	0.00
21) Naphthalene-d8	8.65	136	234792	20.00	ng	0.00
38) Acenaphthene-d10	10.81	164	112294	20.00	ng	-0.01
63) Phenanthrene-d10	12.65	188	229673	20.00	ng	0.00
75) Chrysene-d12	15.94	240	229369	20.00	ng	-0.02
86) Perylene-d12	17.70	264	234745	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	435042	127.88	ng	0.00
7) Phenol-d6	6.65	99	573449	127.52	ng	0.00
23) Nitrobenzene-d5	7.76	82	327539	80.17	ng	-0.01
41) 2,4,6-Tribromophenol	11.79	330	171304	141.01	ng	-0.01
44) 2-Fluorobiphenyl	10.00	172	694343	86.15	ng	0.00
78) Terphenyl-d14	14.65	244	828887	86.52	ng	0.00

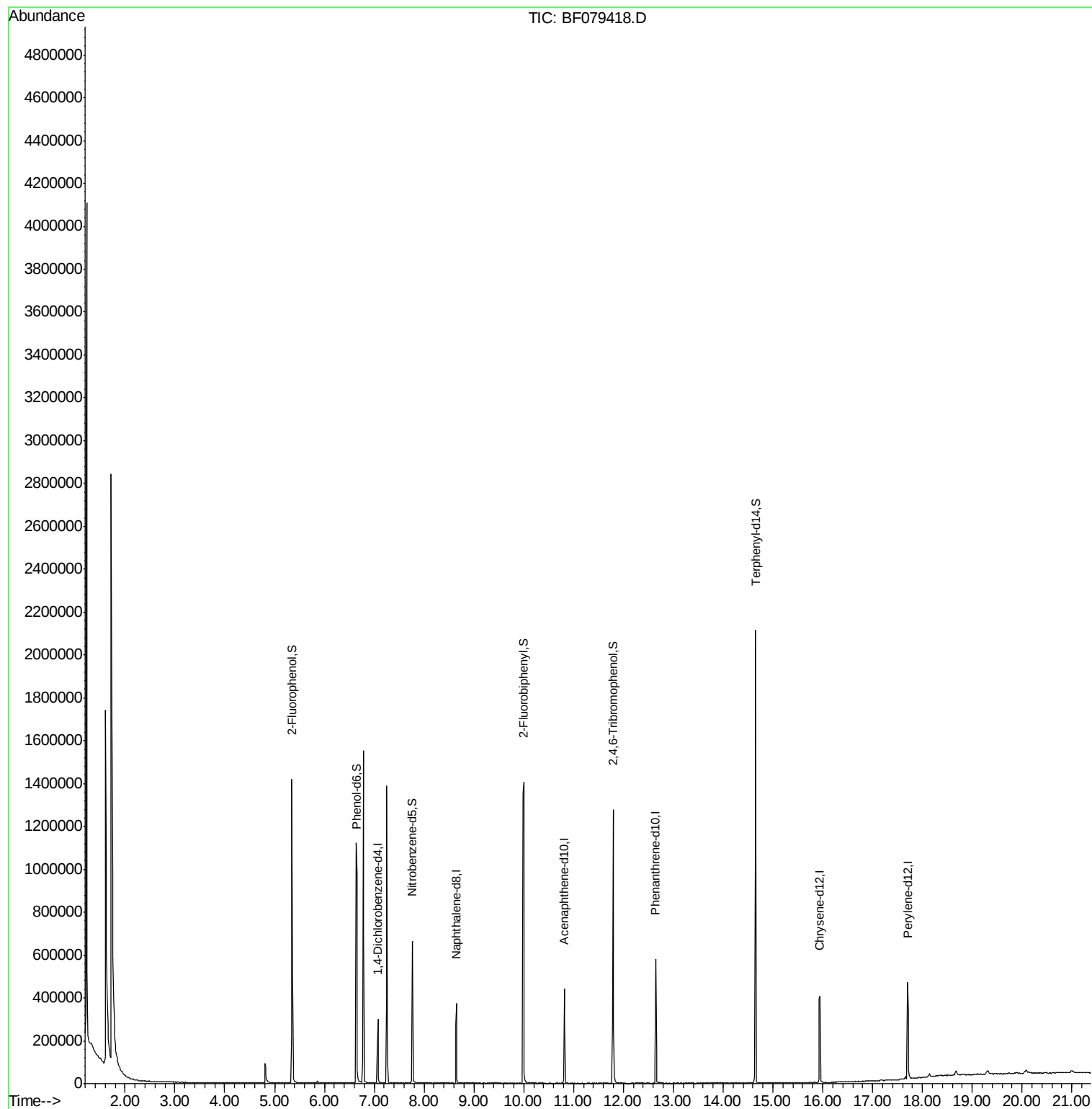
Target Compounds Qvalue

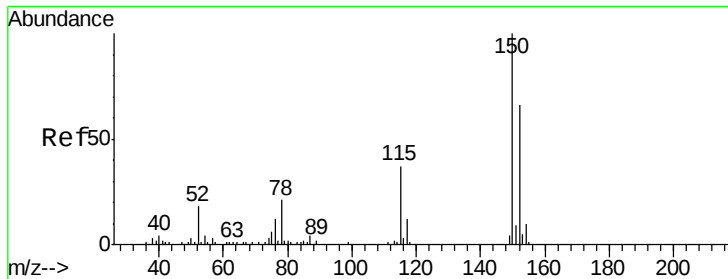
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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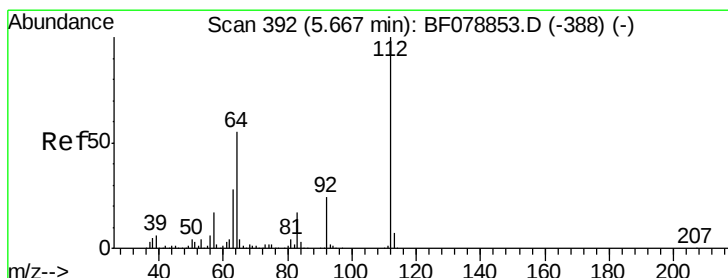
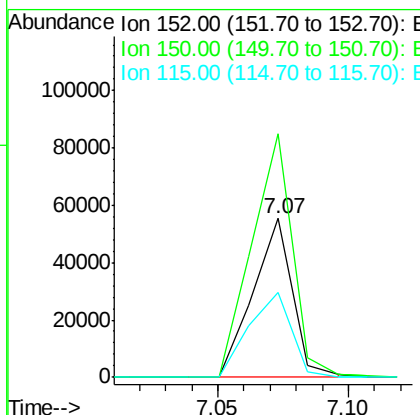
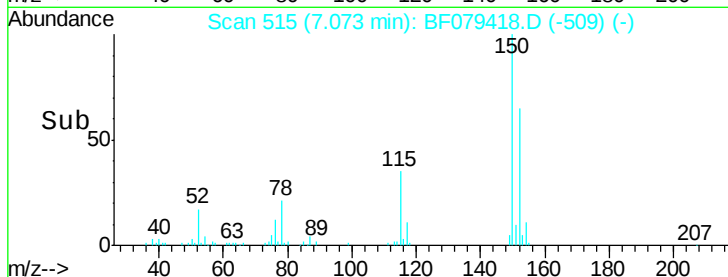
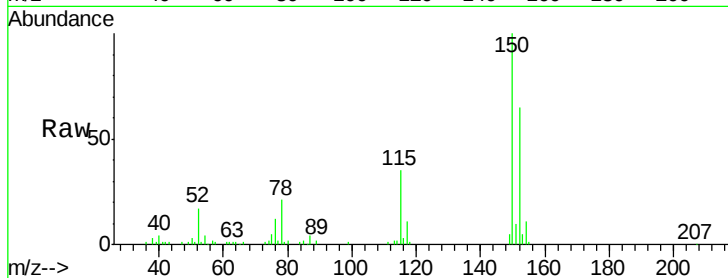




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.07 min Scan# 515
 Delta R.T. 0.00 min
 Lab File: BF079418.D
 Acq: 21 May 2015 22:29

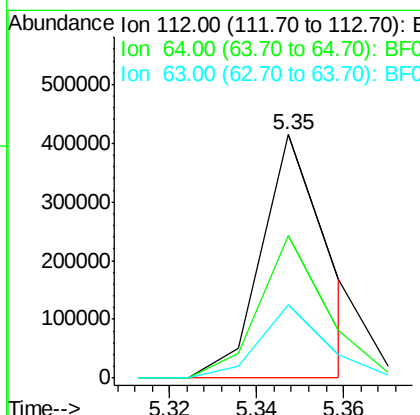
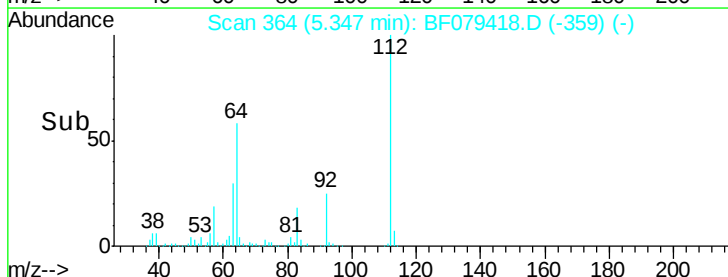
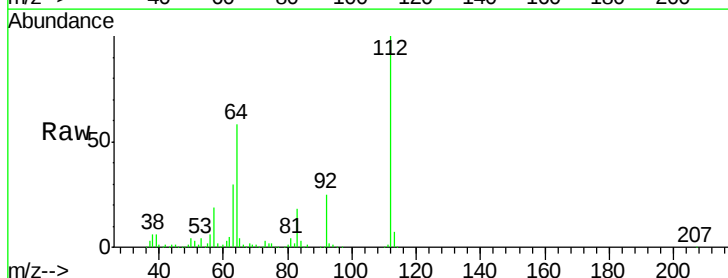
Instrument :
 BNA_F
 ClientSampleId :
 PB83529BL

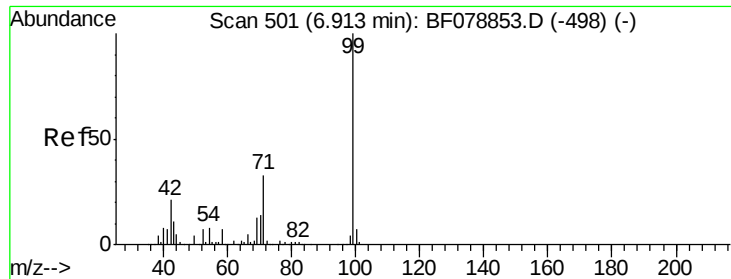
Tot Ion:152	Resp:	58561
Ion	Ratio	Lower Upper
152	100	
150	153.4	123.8 185.8
115	53.2	49.4 74.0



#5
 2-Fluorophenol
 Concen: 127.88 ng
 RT: 5.35 min Scan# 364
 Delta R.T. 0.00 min
 Lab File: BF079418.D
 Acq: 21 May 2015 22:29

Tgt Ion:112	Resp:	435042
Ion	Ratio	Lower Upper
112	100	
64	58.5	44.2 66.2
63	30.0	22.7 34.1





#7

Phenol-d6

Concen: 127.52 ng

RT: 6.65 min Scan# 478

Delta R.T. 0.00 min

Lab File: BF079418.D

Acq: 21 May 2015 22:29

Instrument :

BNA_F

ClientSampleId :

PB83529BL

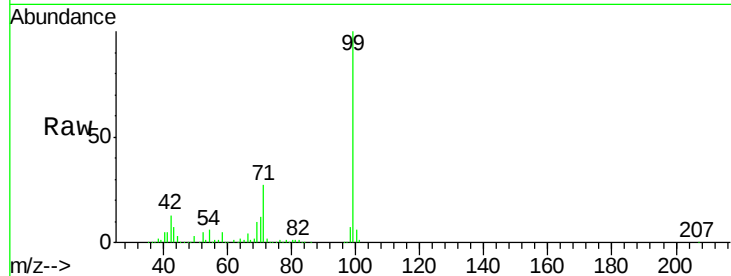
Tot Ion: 99 Resp: 573449

Ion Ratio Lower Upper

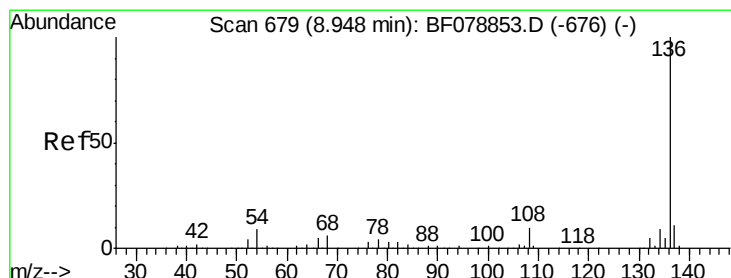
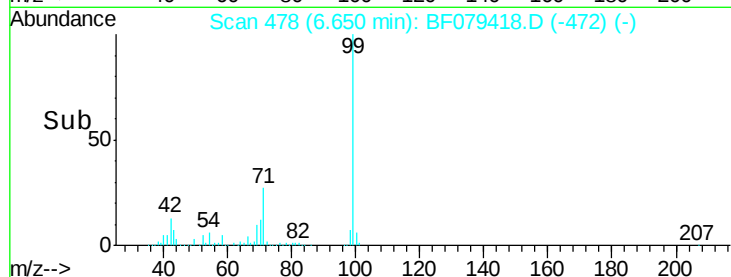
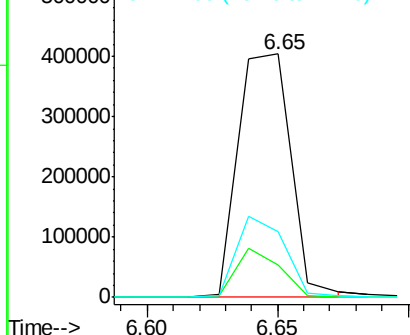
99 100

42 13.3 17.1 25.7#

71 27.1 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: 8.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF079418.D

Acq: 21 May 2015 22:29

Tgt Ion: 136 Resp: 234792

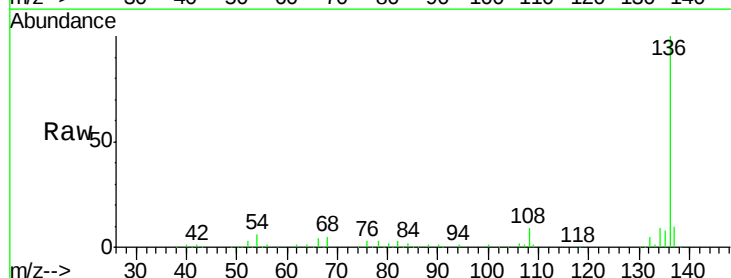
Ion Ratio Lower Upper

136 100

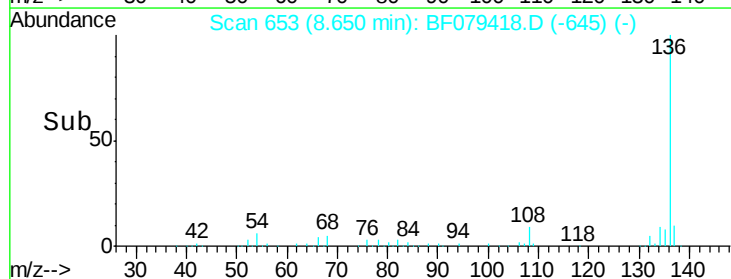
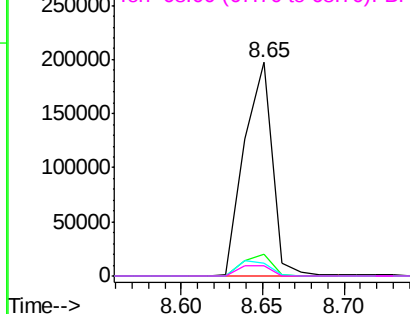
137 10.5 8.8 13.2

54 5.7 6.9 10.3#

68 4.5 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

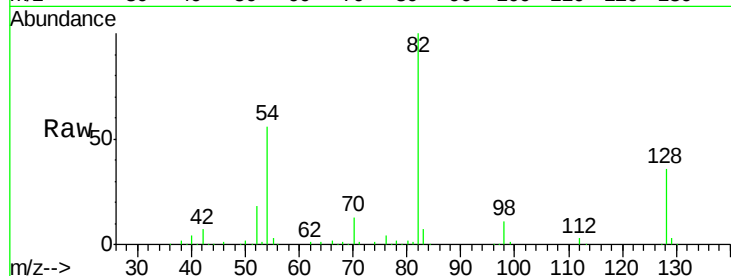




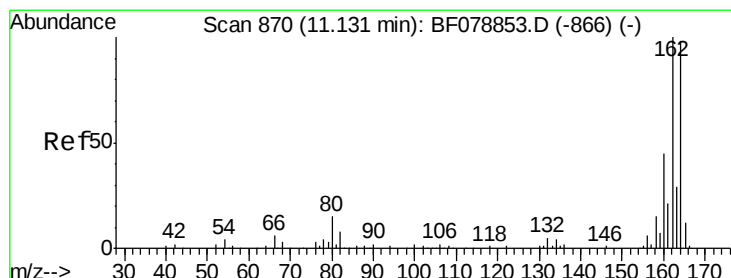
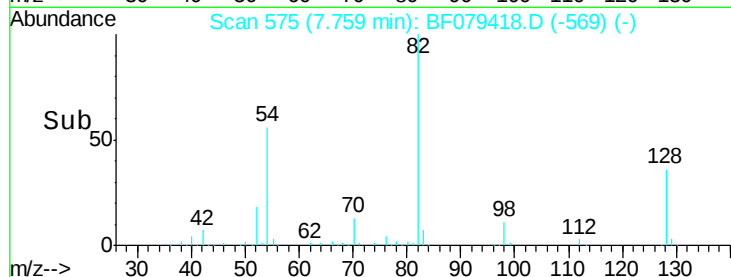
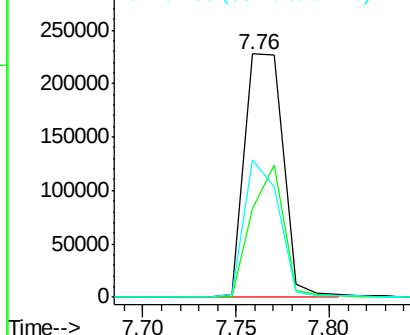
#23
 Nitrobenzene-d5
 Concen: 80.17 ng
 RT: 7.76 min Scan# 575
 Delta R.T. -0.01 min
 Lab File: BF079418.D
 Acq: 21 May 2015 22:29

Instrument :
 BNA_F
 ClientSampleId :
 PB83529BL

Tot Ion	82	Resp	327539
Ion Ratio	100	Lower	Upper
128	36.3	29.7	44.5
54	56.5	46.2	69.4

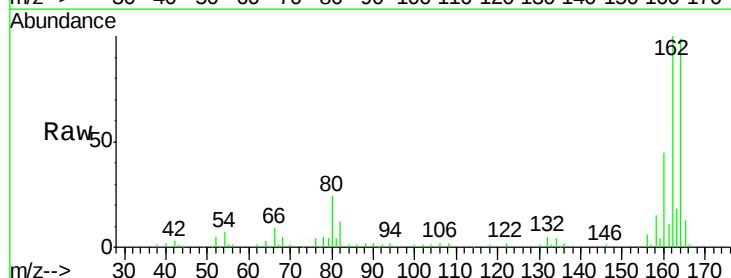


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

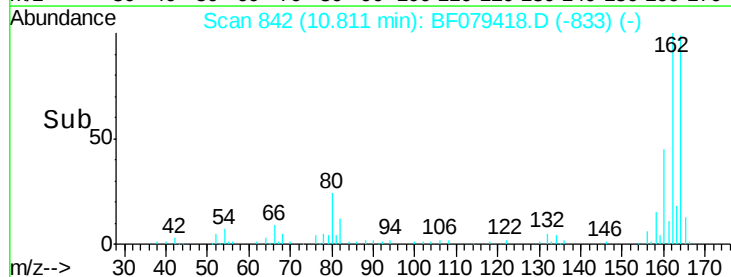
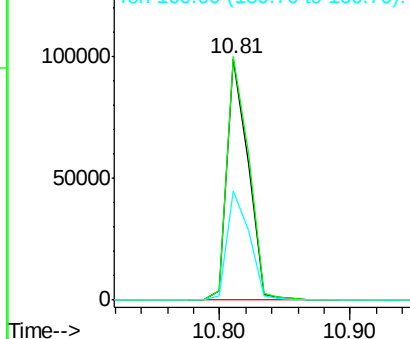


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.81 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF079418.D
 Acq: 21 May 2015 22:29

Tgt Ion	164	Resp	112294
Ion Ratio	100	Lower	Upper
162	100.8	81.4	122.0
160	45.0	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

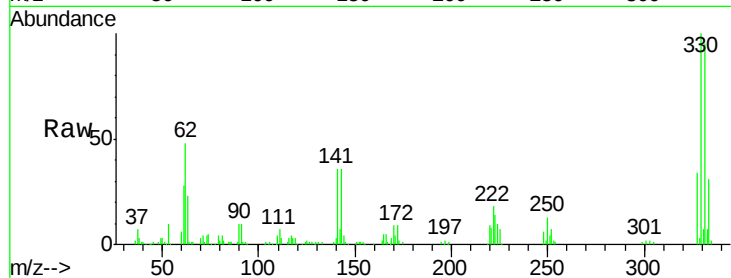




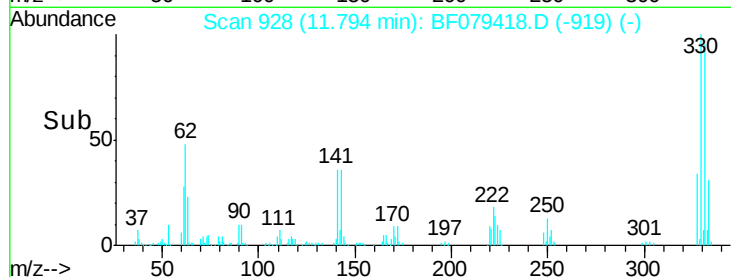
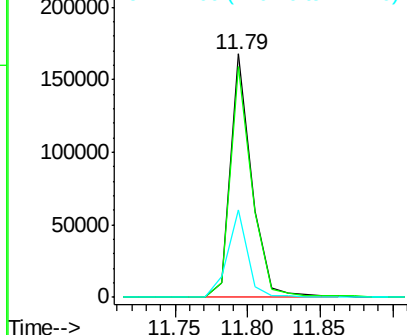
#41
 2,4,6-Tribromophenol
 Concen: 141.01 ng
 RT: 11.79 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: BF079418.D
 Acq: 21 May 2015 22:29

Instrument :
 BNA_F
 ClientSampleId :
 PB83529BL

Tot Ion:330 Resp: 171304
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.9 115.3
 141 34.3 27.8 41.8

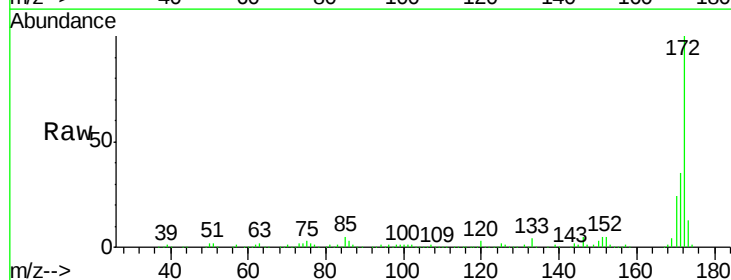


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

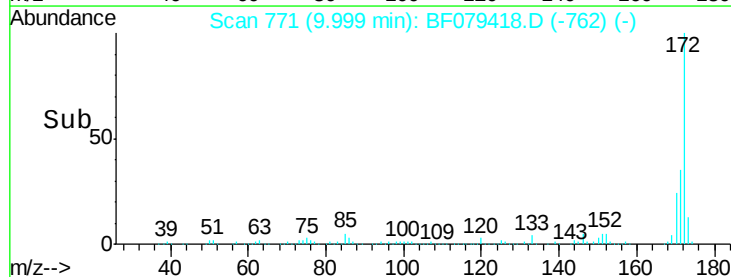
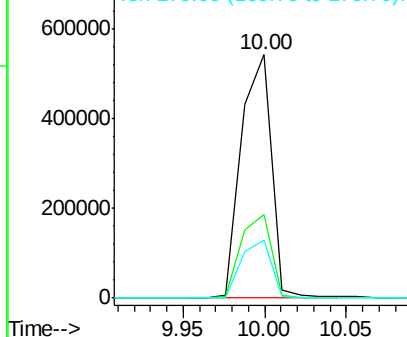


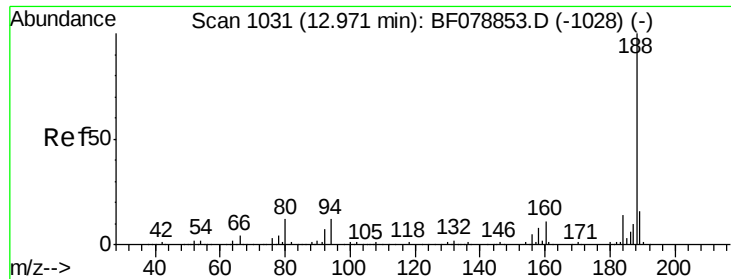
#44
 2-Fluorobiphenyl
 Concen: 86.15 ng
 RT: 10.00 min Scan# 771
 Delta R.T. 0.00 min
 Lab File: BF079418.D
 Acq: 21 May 2015 22:29

Tgt Ion:172 Resp: 694343
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.3 42.5
 170 23.6 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

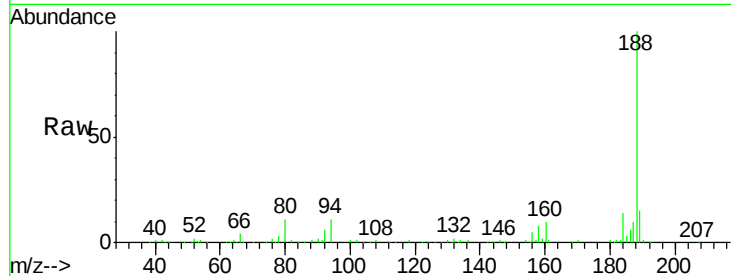




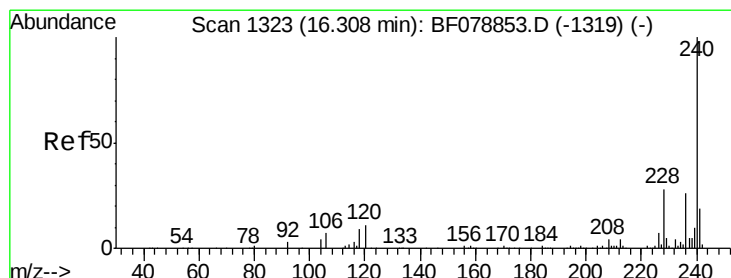
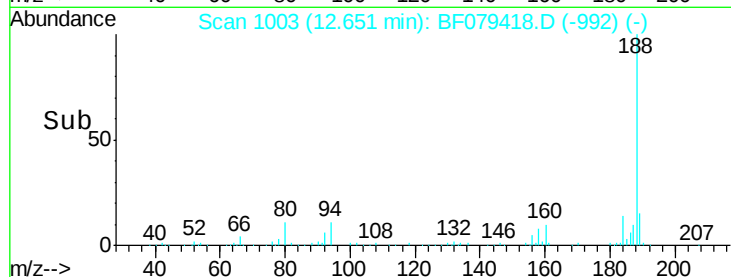
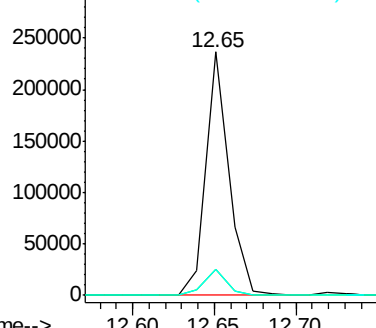
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.65 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF079418.D
Acq: 21 May 2015 22:29

Instrument :
BNA_F
ClientSampleId :
PB83529BL

Tot Ion:188 Resp: 229673
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.0
80 10.6 9.8 14.6

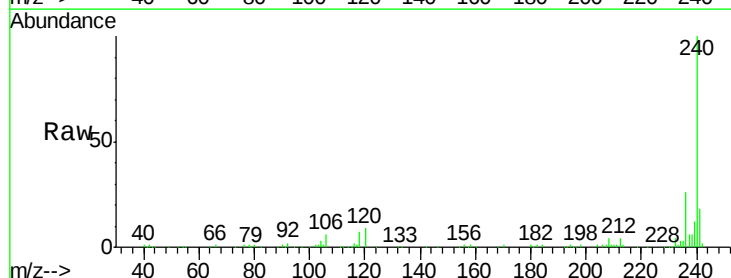


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

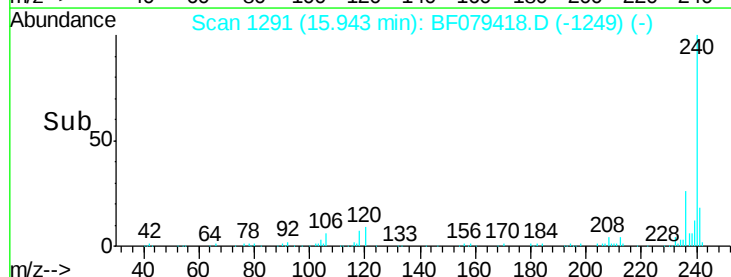
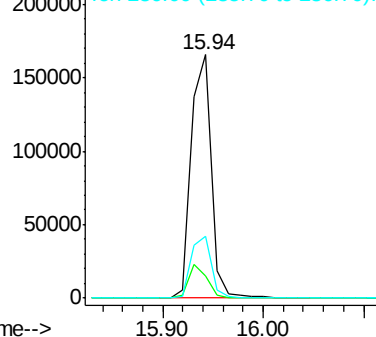


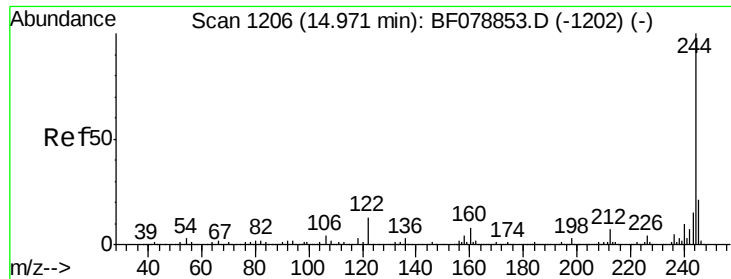
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.94 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF079418.D
Acq: 21 May 2015 22:29

Tgt Ion:240 Resp: 229369
Ion Ratio Lower Upper
240 100
120 9.2 8.6 12.8
236 25.5 21.0 31.6



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: 86.52 ng

RT: 14.65 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF079418.D

Acq: 21 May 2015 22:29

Instrument :

BNA_F

ClientSampleId :

PB83529BL

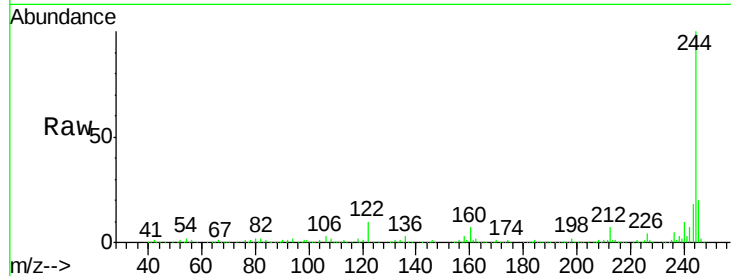
Tot Ion:244 Resp: 828887

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

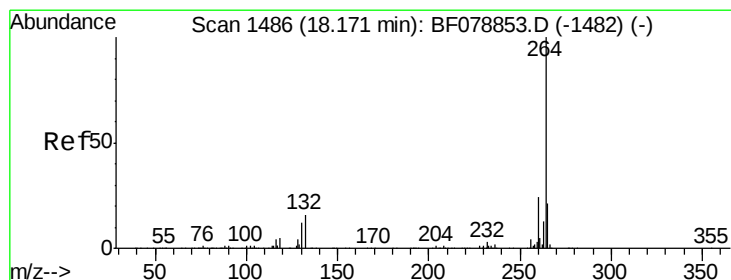
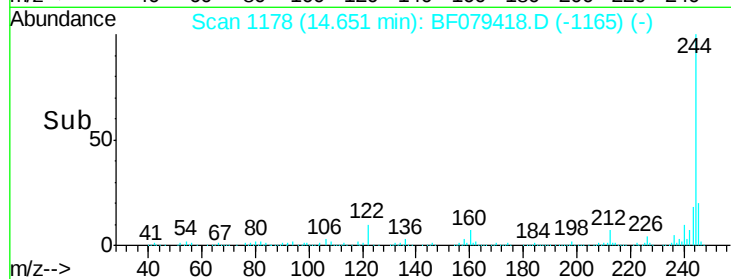
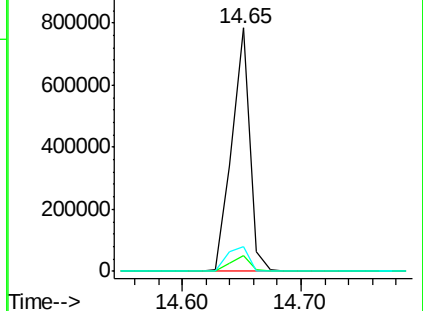
122 10.1 10.5 15.7#



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: 17.70 min Scan# 1445

Delta R.T. -0.09 min

Lab File: BF079418.D

Acq: 21 May 2015 22:29

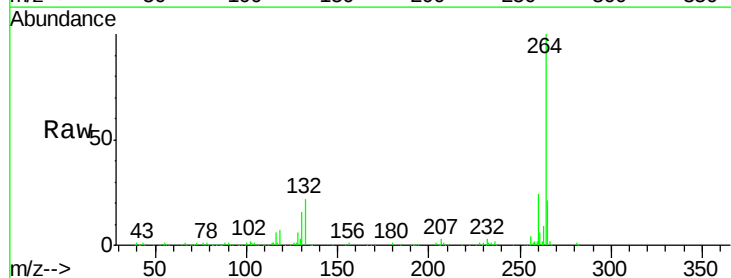
Tgt Ion:264 Resp: 234745

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.2 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

