

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051315\
 Data File : BF079225.D
 Acq On : 14 May 2015 7:15
 Operator : TP/IZ
 Sample : G2176-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-31(0-10)

Quant Time: May 14 09:02:34 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 06:50:11 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	59356	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	244701	20.00	ng	0.00
38) Acenaphthene-d10	10.98	164	113655	20.00	ng	0.00
63) Phenanthrene-d10	12.82	188	212607	20.00	ng	-0.01
75) Chrysene-d12	16.14	240	228470	20.00	ng	0.01
86) Perylene-d12	17.97	264	239997	20.00	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	395851	114.80	ng	0.00
7) Phenol-d6	6.80	99	468617	102.81	ng	0.00
23) Nitrobenzene-d5	7.93	82	309916	72.79	ng	0.00
41) 2,4,6-Tribromophenol	11.97	330	152500	124.03	ng	0.00
44) 2-Fluorobiphenyl	10.16	172	651766	79.90	ng	0.00
78) Terphenyl-d14	14.82	244	688592	72.16	ng	0.00

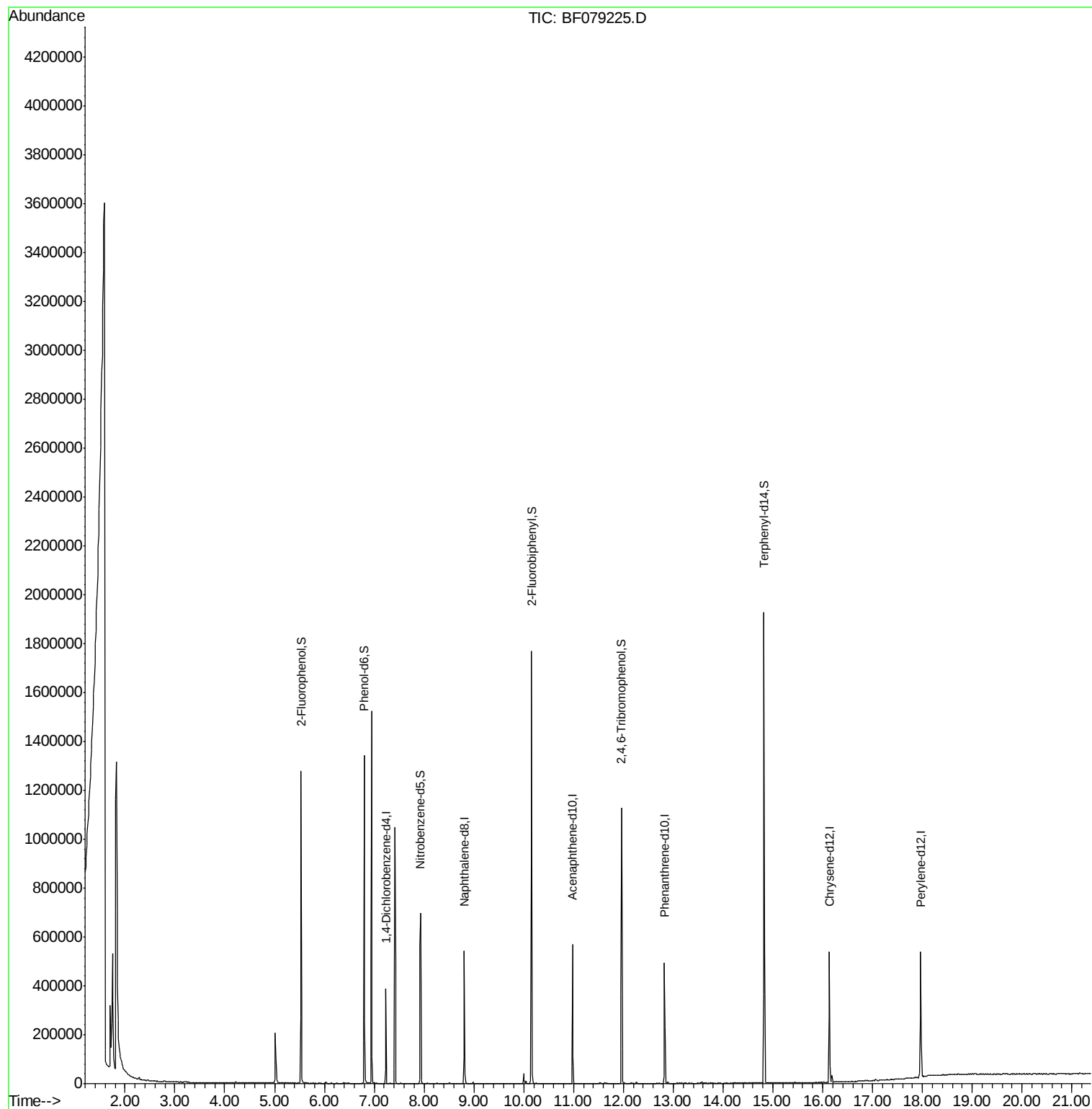
Target Compounds Qvalue

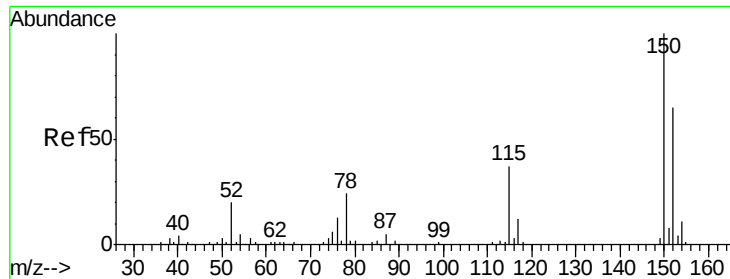
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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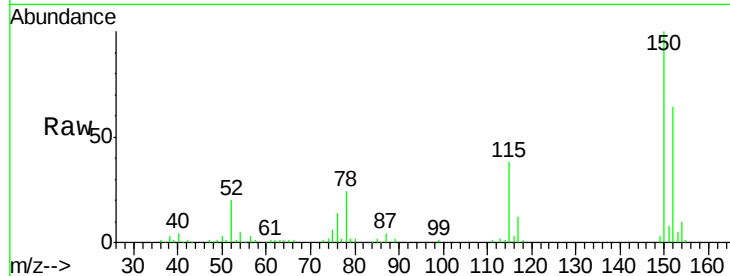




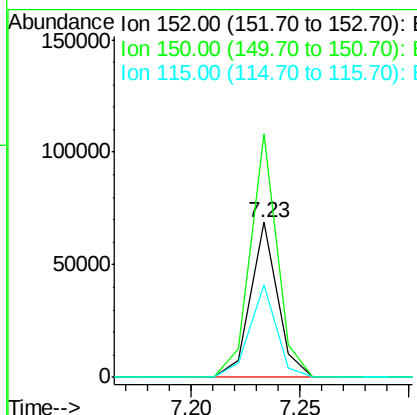
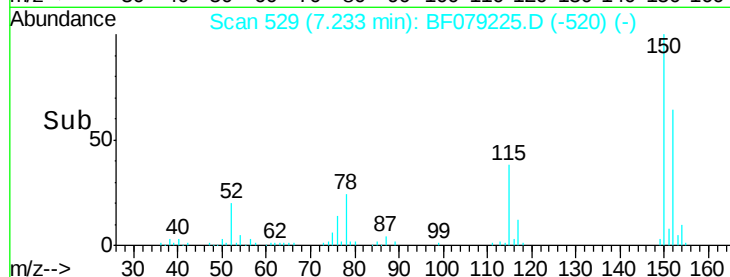
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.23 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF079225.D
 Acq: 14 May 2015 7:15

Instrument :
 BNA_F
 ClientSampleId :
 PS-31(0-10)

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	122.0	183.0
115	59.5	46.3	69.5

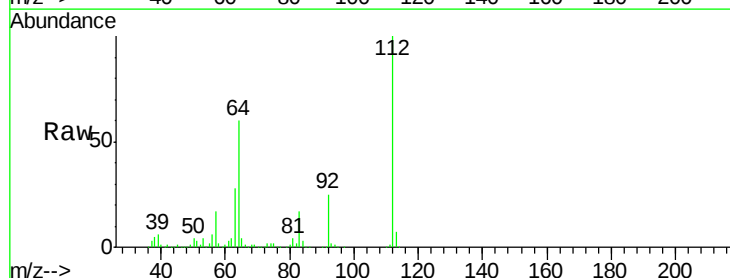


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

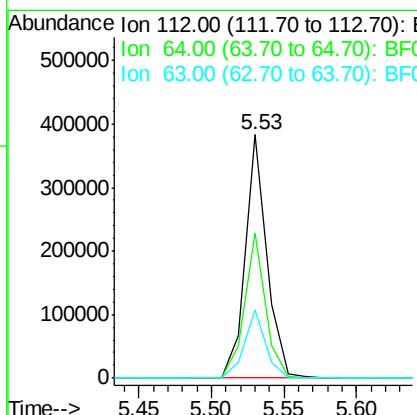
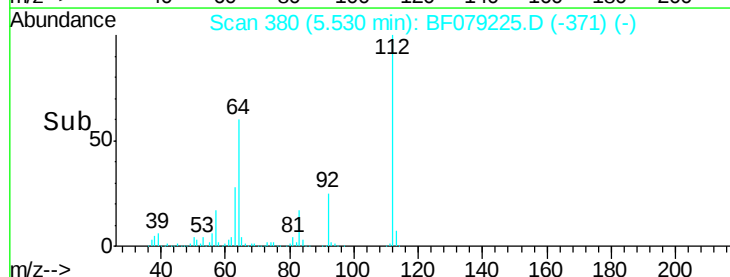


#5
 2-Fluorophenol
 Concen: 114.80 ng
 RT: 5.53 min Scan# 380
 Delta R.T. 0.00 min
 Lab File: BF079225.D
 Acq: 14 May 2015 7:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	53.5	80.3
63	28.3	27.5	41.3



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: 102.81 ng

RT: 6.80 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF079225.D

Acq: 14 May 2015 7:15

Instrument :

BNA_F

ClientSampleId :

PS-31(0-10)

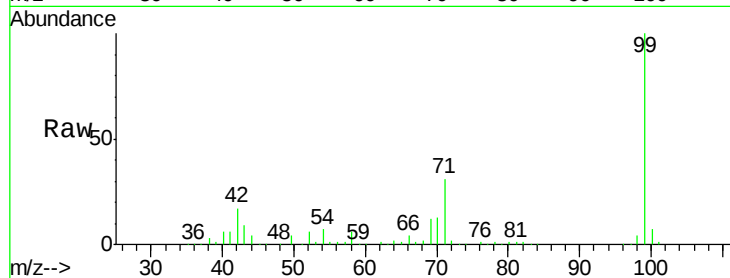
Tot Ion: 99 Resp: 468617

Ion Ratio Lower Upper

99 100

42 17.2 12.8 19.2

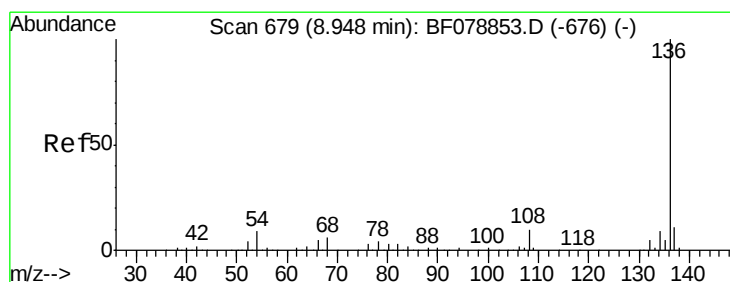
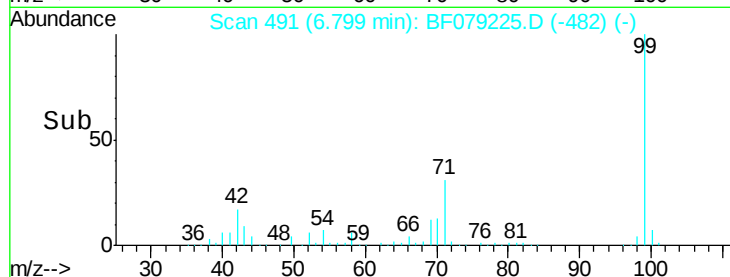
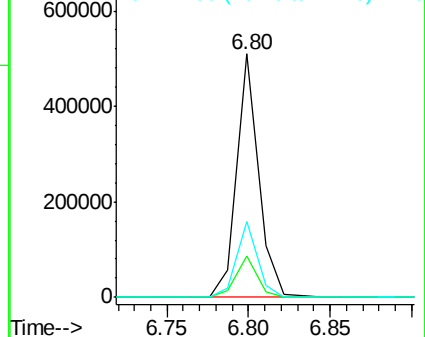
71 31.3 23.4 35.2



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: BF079225.D

Acq: 14 May 2015 7:15

Tgt Ion: 136 Resp: 244701

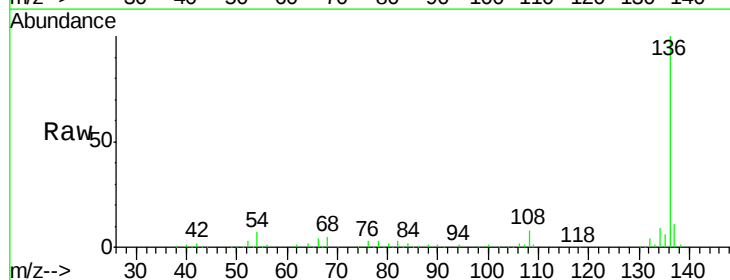
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 6.9 5.8 8.8

68 5.4 4.2 6.4

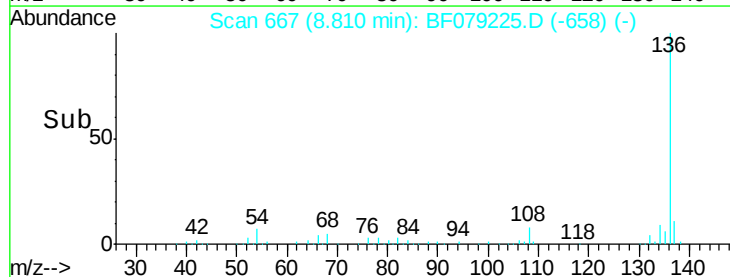
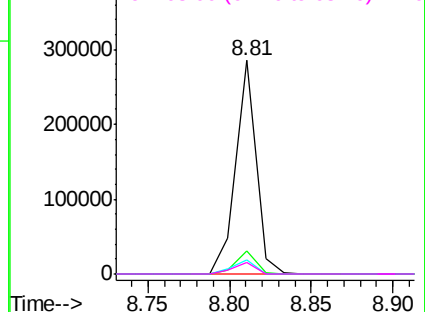


Abundance Ion 136.00 (135.70 to 136.70): E

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

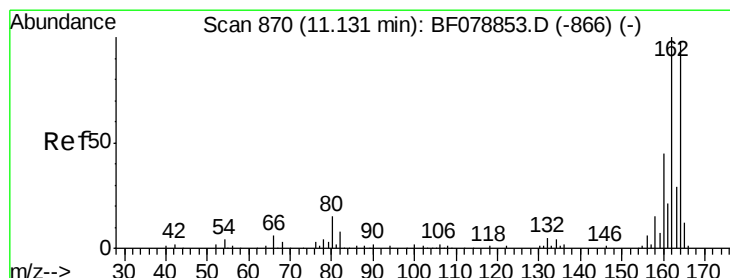
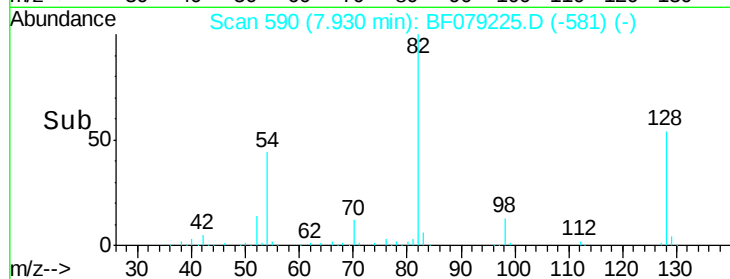
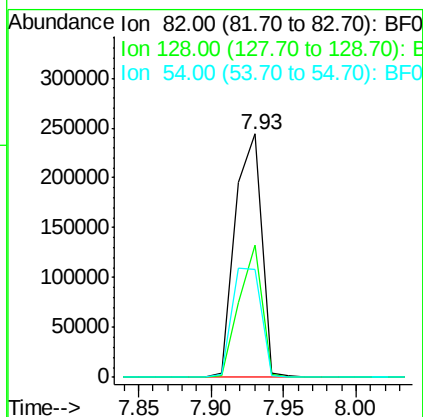
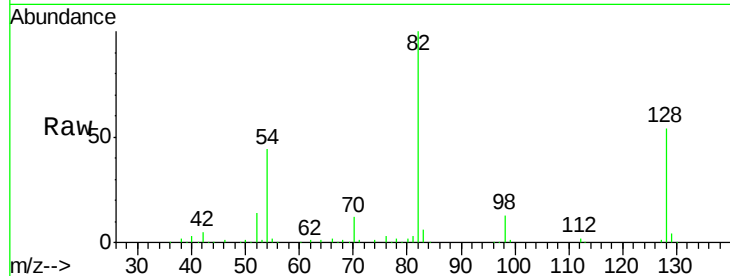




#23
 Nitrobenzene-d5
 Concen: 72.79 ng
 RT: 7.93 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF079225.D
 Acq: 14 May 2015 7:15

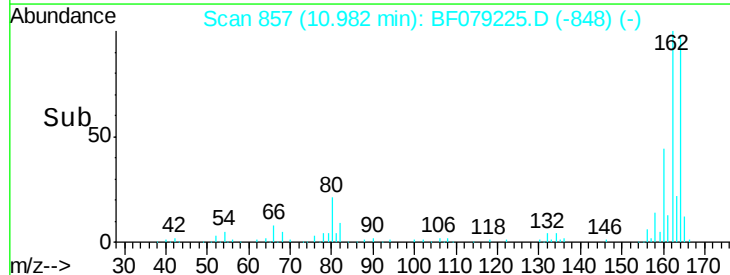
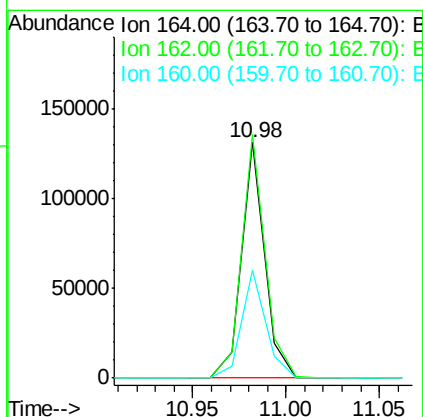
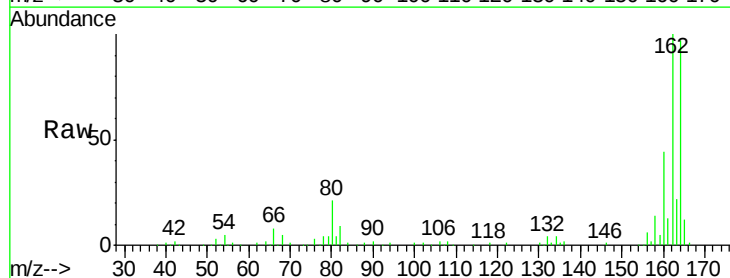
Instrument :
 BNA_F
 ClientSampleId :
 PS-31(0-10)

Tot Ion: 82 Resp: 309916
 Ion Ratio Lower Upper
 82 100
 128 54.4 30.0 45.0#
 54 44.4 46.4 69.6#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.98 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF079225.D
 Acq: 14 May 2015 7:15

Tgt Ion: 164 Resp: 113655
 Ion Ratio Lower Upper
 164 100
 162 103.3 82.7 124.1
 160 45.8 35.8 53.8

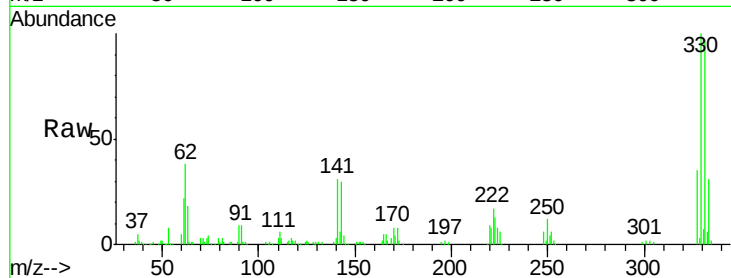




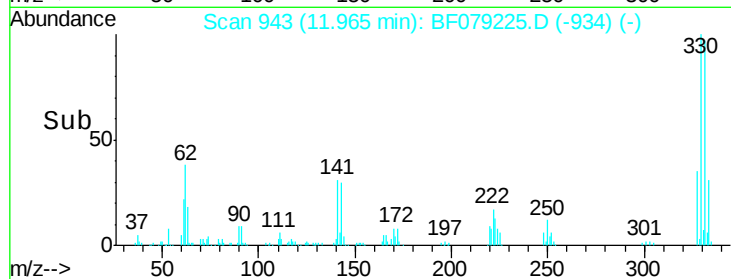
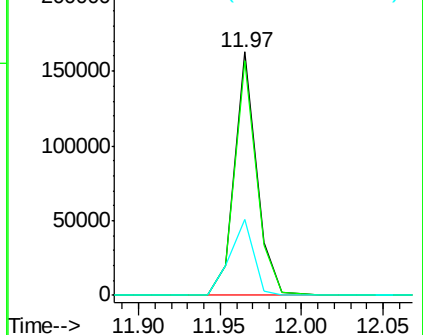
#41
 2,4,6-Tribromophenol
 Concen: 124.03 ng
 RT: 11.97 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF079225.D
 Acq: 14 May 2015 7:15

Instrument :
 BNA_F
 ClientSampleId :
 PS-31(0-10)

Tot Ion:330 Resp: 152500
 Ion Ratio Lower Upper
 330 100
 332 96.6 0.0 0.0#
 141 33.7 0.0 0.0#

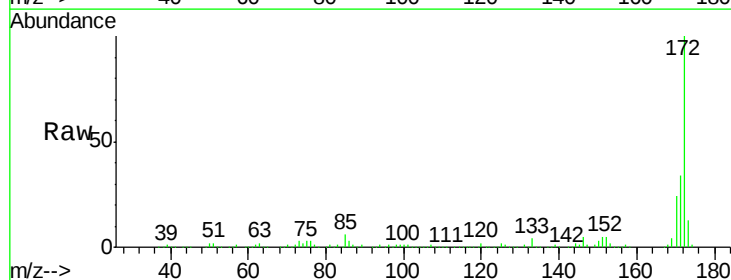


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

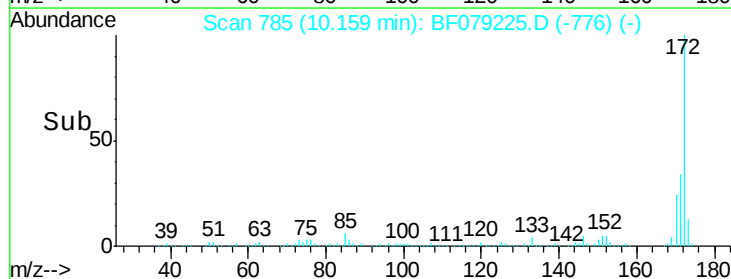
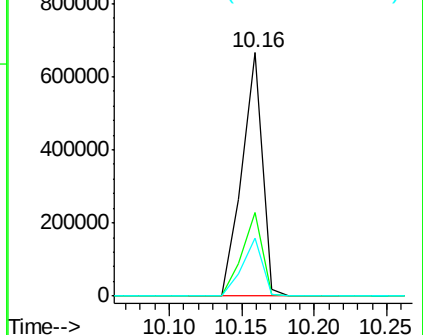


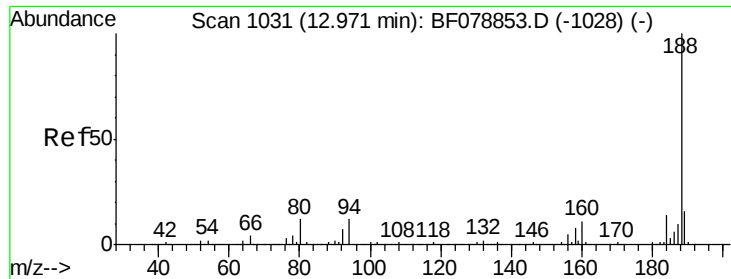
#44
 2-Fluorobiphenyl
 Concen: 79.90 ng
 RT: 10.16 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF079225.D
 Acq: 14 May 2015 7:15

Tgt Ion:172 Resp: 651766
 Ion Ratio Lower Upper
 172 100
 171 34.5 27.9 41.9
 170 23.6 19.4 29.0



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

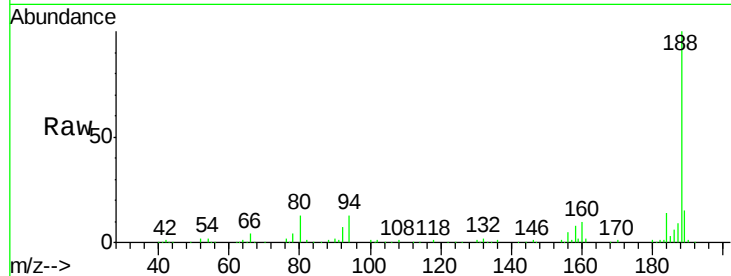




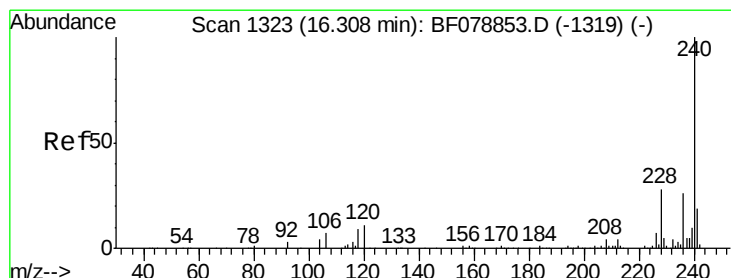
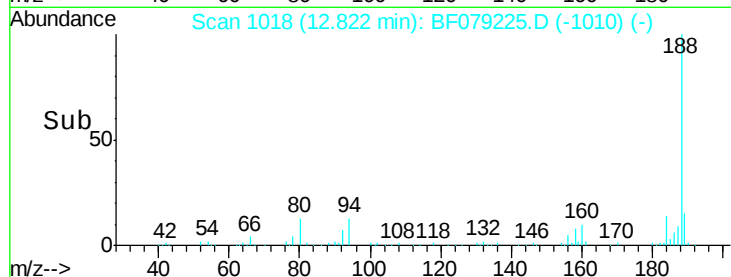
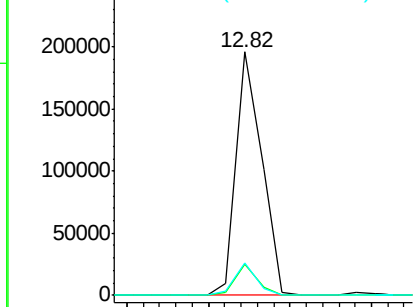
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.82 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF079225.D
Acq: 14 May 2015 7:15

Instrument :
BNA_F
ClientSampleId :
PS-31(0-10)

Tot Ion:188 Resp: 212607
Ion Ratio Lower Upper
188 100
94 13.0 8.2 12.2#
80 13.3 8.9 13.3

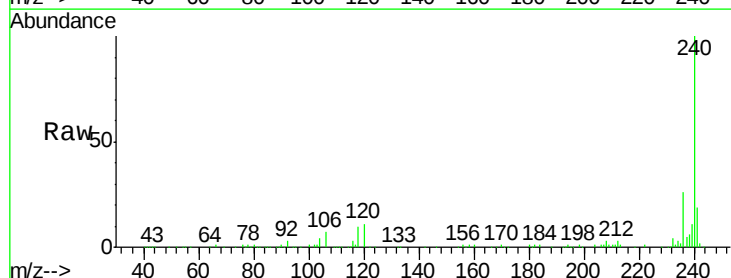


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

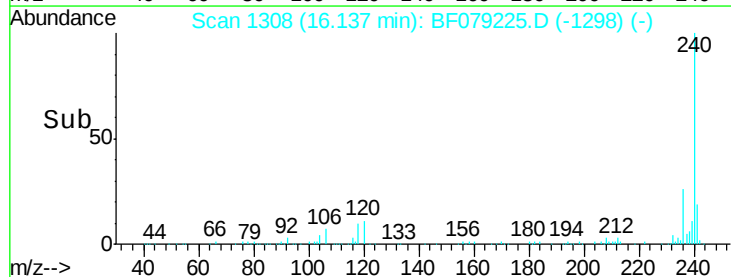
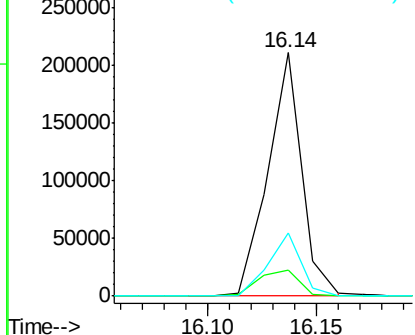


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.14 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF079225.D
Acq: 14 May 2015 7:15

Tgt Ion:240 Resp: 228470
Ion Ratio Lower Upper
240 100
120 10.6 9.7 14.5
236 25.9 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: 72.16 ng

RT: 14.82 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BF079225.D

Acq: 14 May 2015 7:15

Instrument :

BNA_F

ClientSampleId :

PS-31(0-10)

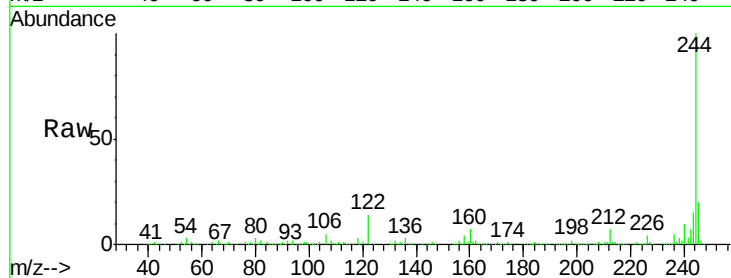
Tot Ion:244 Resp: 688592

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

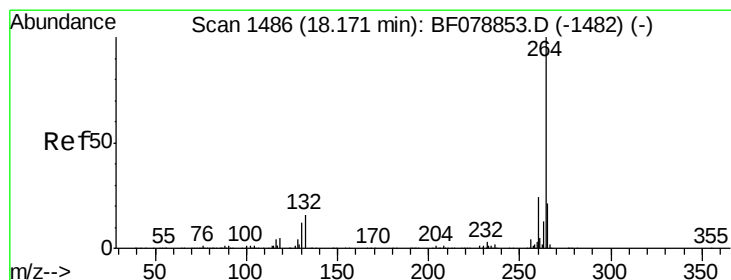
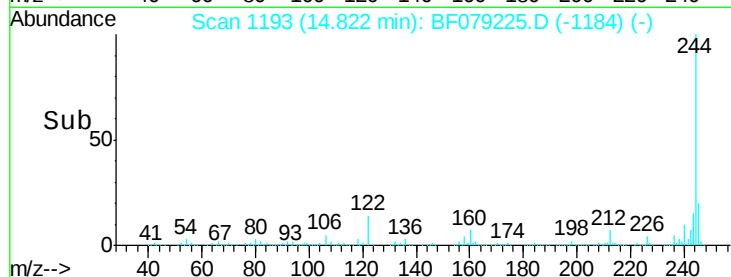
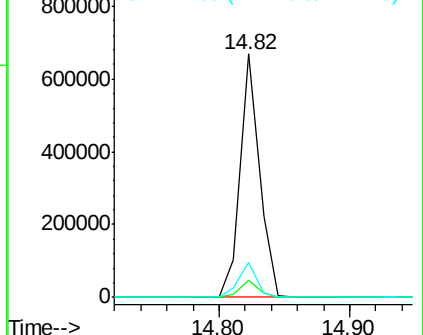
122 14.1 10.3 15.5



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: 17.97 min Scan# 1468

Delta R.T. 0.11 min

Lab File: BF079225.D

Acq: 14 May 2015 7:15

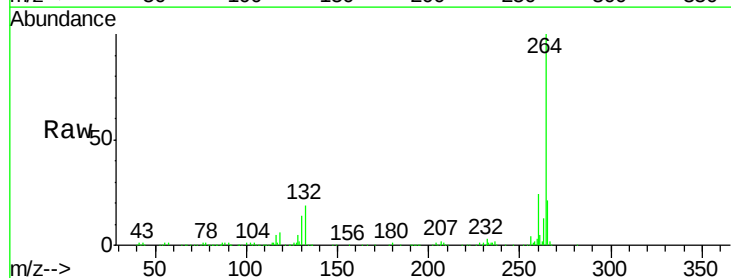
Tgt Ion:264 Resp: 239997

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 21.2 18.3 27.5



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

