

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051315\
 Data File : BF079222.D
 Acq On : 14 May 2015 5:49
 Operator : TP/IZ
 Sample : G2196-22
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KBY-EB-1

Quant Time: May 14 07:04:33 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	59140	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	239580	20.00	ng	0.00
38) Acenaphthene-d10	10.98	164	114040	20.00	ng	0.00
63) Phenanthrene-d10	12.82	188	220159	20.00	ng	-0.01
75) Chrysene-d12	16.11	240	230947	20.00	ng	-0.01
86) Perylene-d12	17.86	264	245890	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	190956	55.58	ng	0.00
7) Phenol-d6	6.80	99	156555	34.47	ng	0.00
23) Nitrobenzene-d5	7.93	82	324390	77.82	ng	0.00
41) 2,4,6-Tribromophenol	11.97	330	154792	125.47	ng	0.00
44) 2-Fluorobiphenyl	10.16	172	670358	81.90	ng	0.00
78) Terphenyl-d14	14.82	244	761222	78.91	ng	0.00

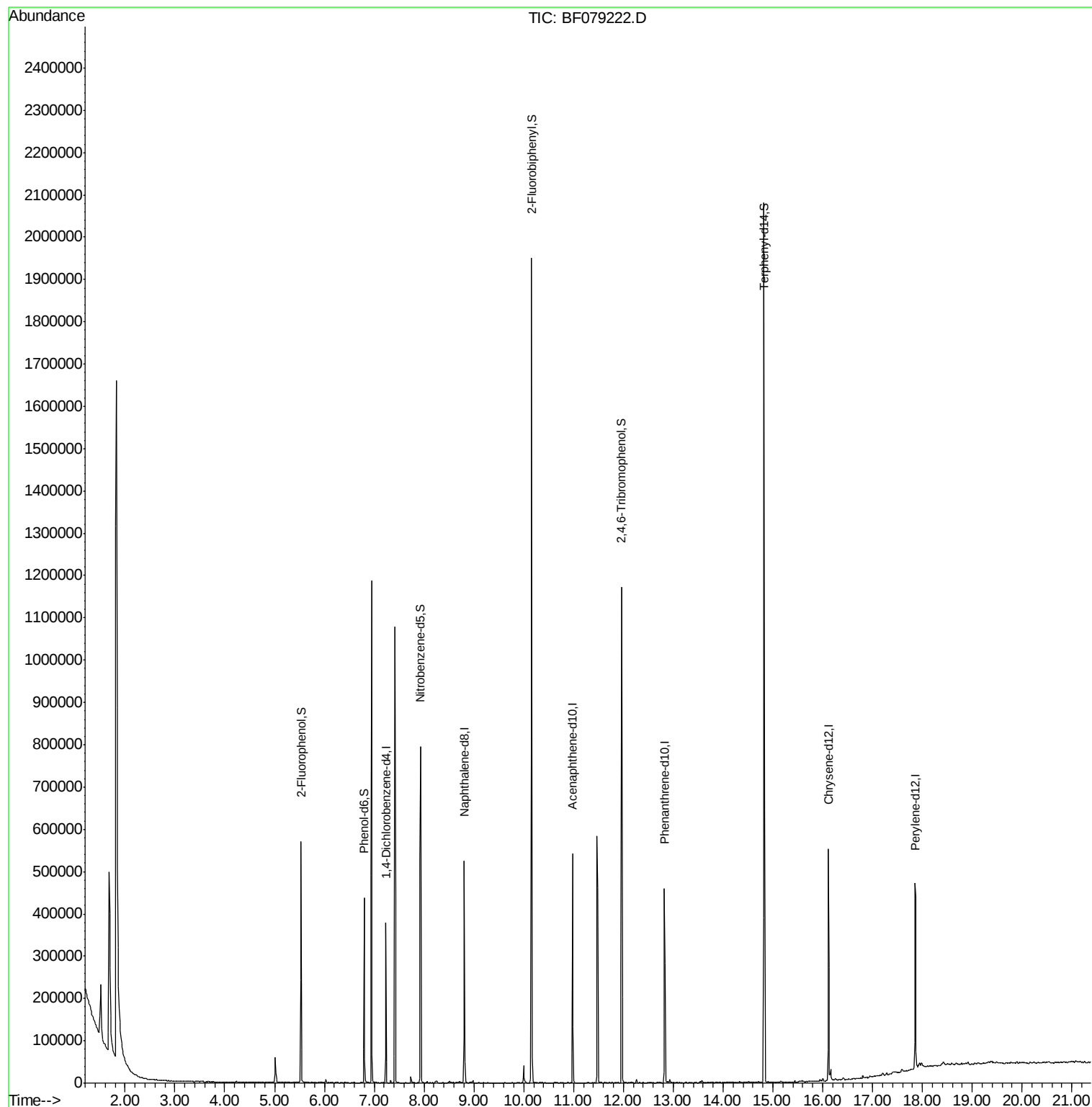
Target Compounds Qvalue

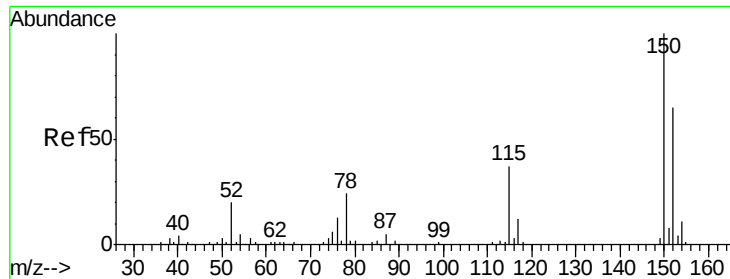
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF079222.D

Acq: 14 May 2015 5:49

Instrument :

BNA_F

ClientSampled :

KBY-EB-1

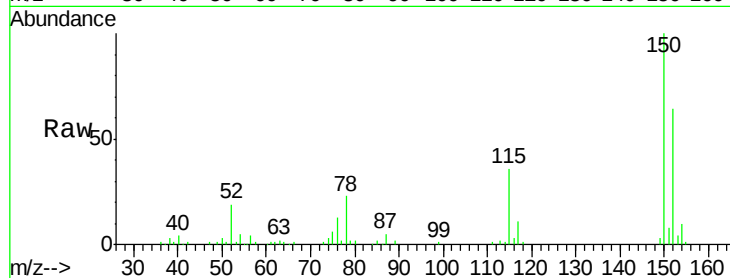
Tot Ion:152 Resp: 59140

Ion Ratio Lower Upper

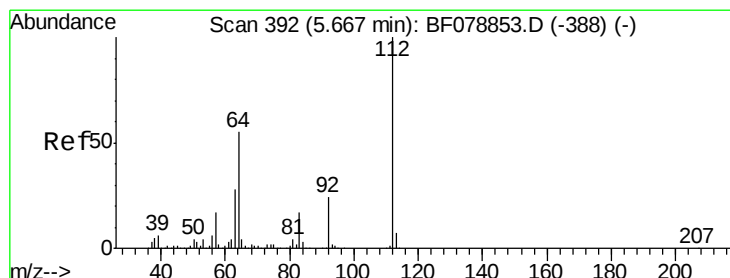
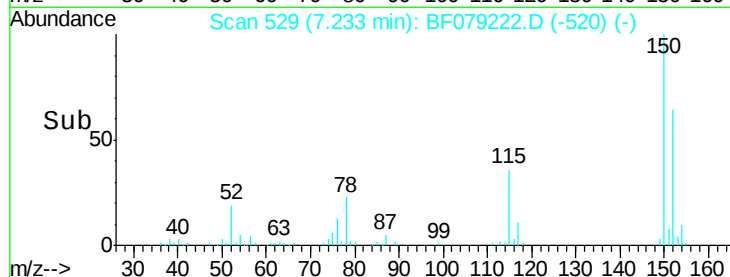
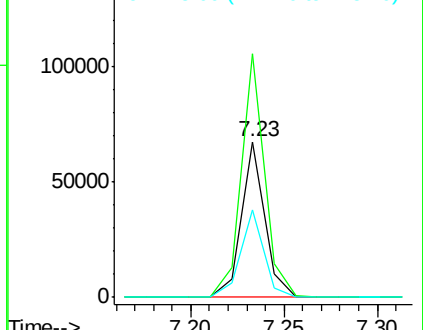
152 100

150 156.5 122.0 183.0

115 56.6 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: 55.58 ng

RT: 5.53 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF079222.D

Acq: 14 May 2015 5:49

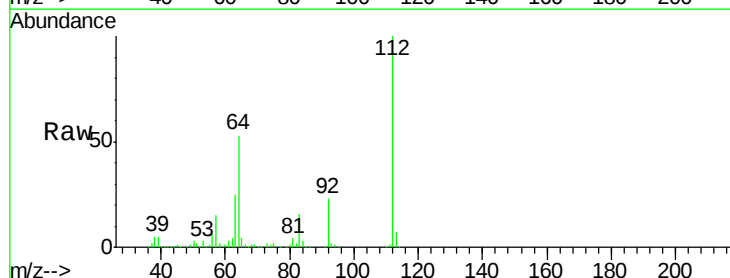
Tgt Ion:112 Resp: 190956

Ion Ratio Lower Upper

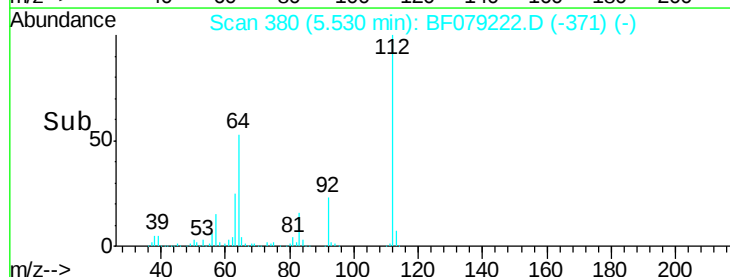
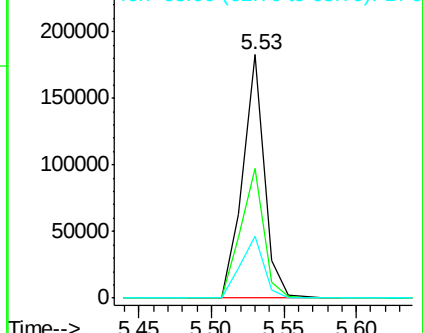
112 100

64 53.4 53.5 80.3#

63 25.4 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: 34.47 ng

RT: 6.80 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF079222.D

Acq: 14 May 2015 5:49

Instrument :

BNA_F

ClientSampleId :

KBY-EB-1

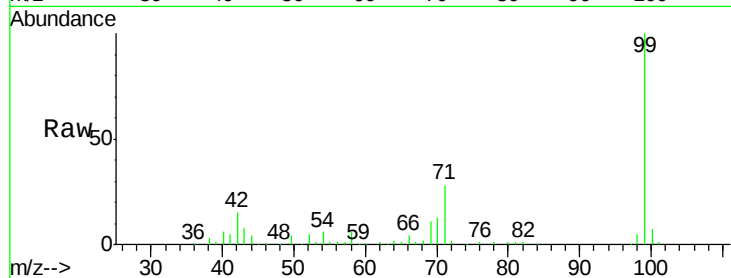
Tot Ion: 99 Resp: 156555

Ion Ratio Lower Upper

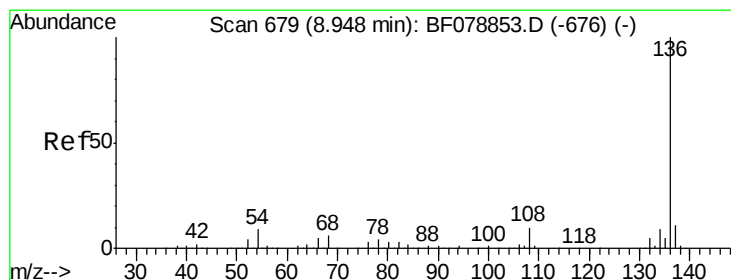
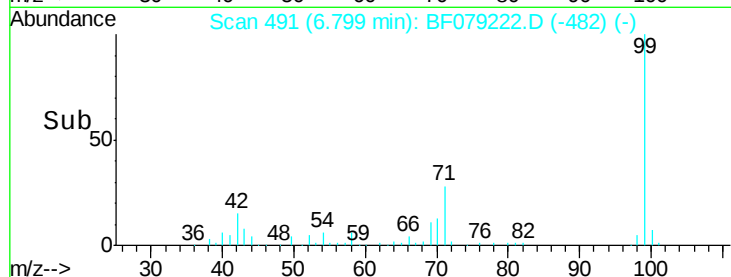
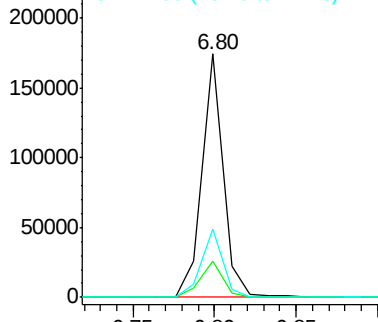
99 100

42 14.7 12.8 19.2

71 28.1 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: BF079222.D

Acq: 14 May 2015 5:49

Tgt Ion: 136 Resp: 239580

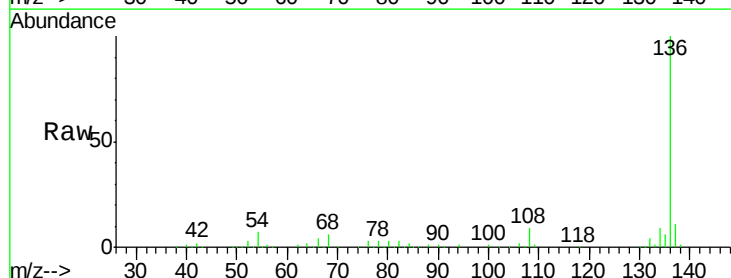
Ion Ratio Lower Upper

136 100

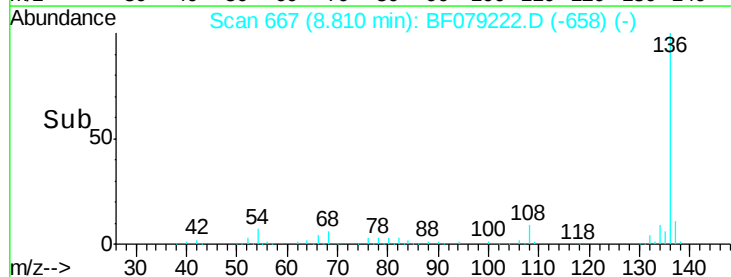
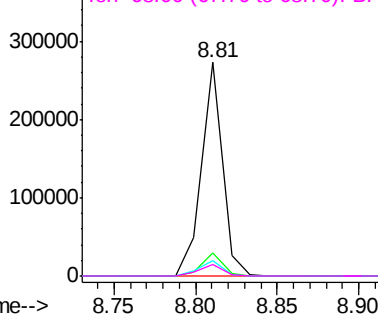
137 10.7 8.7 13.1

54 7.0 5.8 8.8

68 5.6 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

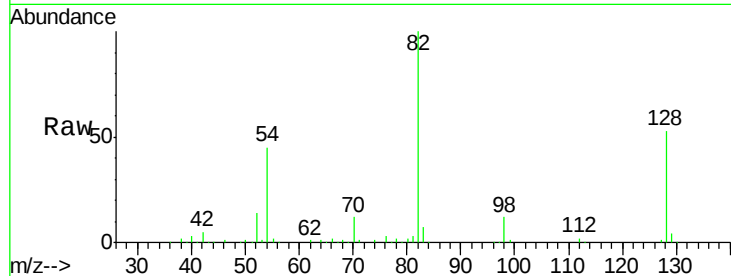




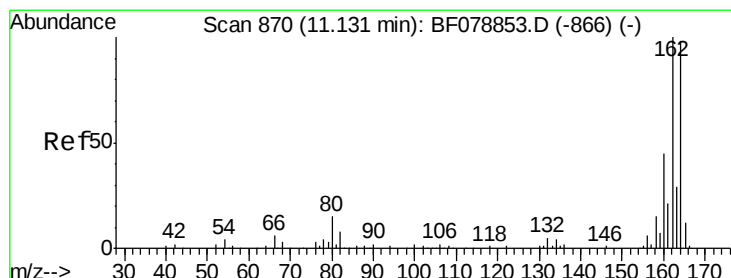
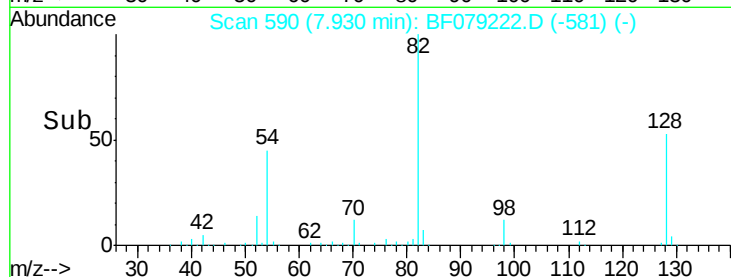
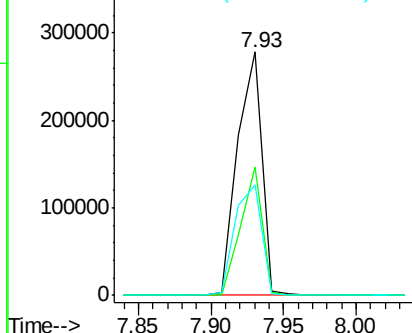
#23
 Nitrobenzene-d5
 Concen: 77.82 ng
 RT: 7.93 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF079222.D
 Acq: 14 May 2015 5:49

Instrument :
 BNA_F
 ClientSampleId :
 KBY-EB-1

Tot Ion	Ratio	Lower	Upper
82	100		
128	53.0	30.0	45.0
54	45.2	46.4	69.6

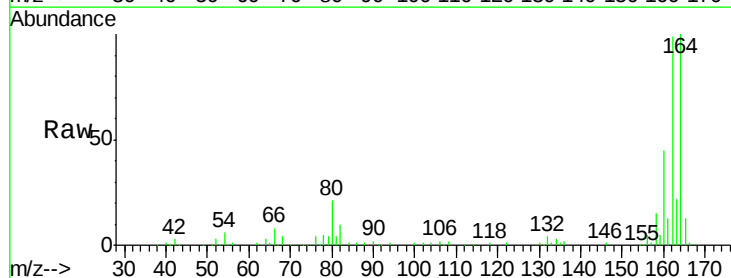


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

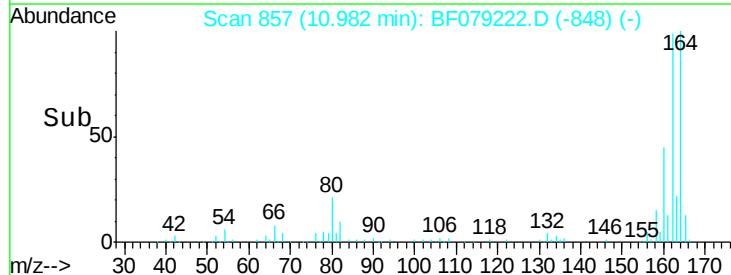
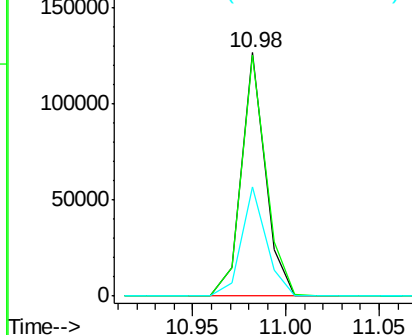


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.98 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF079222.D
 Acq: 14 May 2015 5:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.8	82.7	124.1
160	44.8	35.8	53.8



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

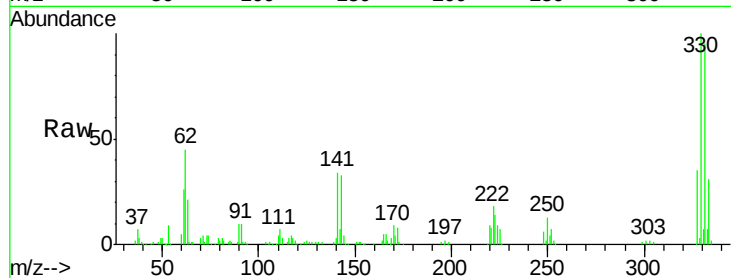




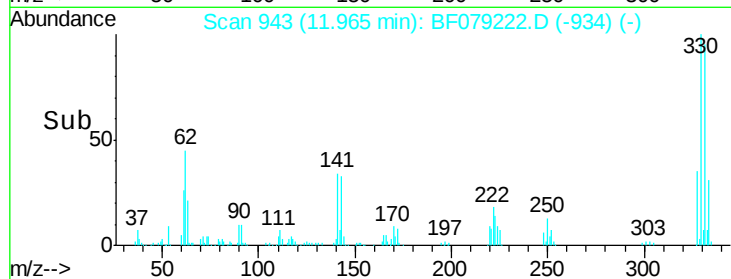
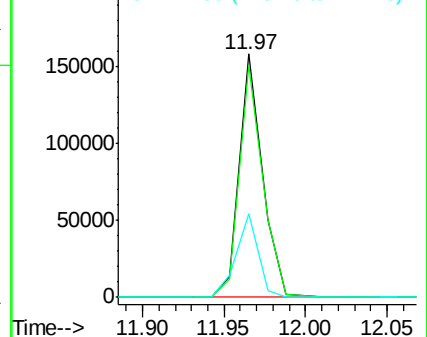
#41
 2,4,6-Tribromophenol
 Concen: 125.47 ng
 RT: 11.97 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF079222.D
 Acq: 14 May 2015 5:49

Instrument :
 BNA_F
 ClientSampleId :
 KBY-EB-1

Tot Ion:330 Resp: 154792
 Ion Ratio Lower Upper
 330 100
 332 95.8 0.0 0.0#
 141 32.7 0.0 0.0#

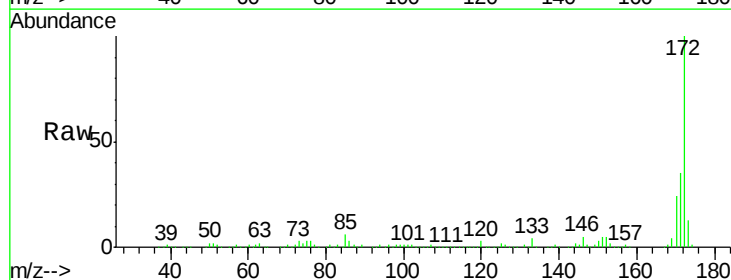


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

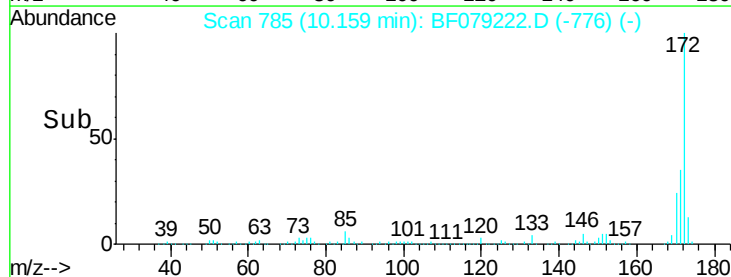
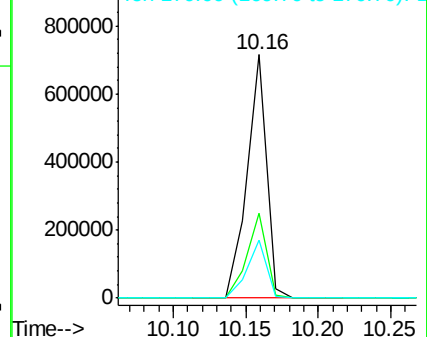


#44
 2-Fluorobiphenyl
 Concen: 81.90 ng
 RT: 10.16 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF079222.D
 Acq: 14 May 2015 5:49

Tgt Ion:172 Resp: 670358
 Ion Ratio Lower Upper
 172 100
 171 35.0 27.9 41.9
 170 23.7 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

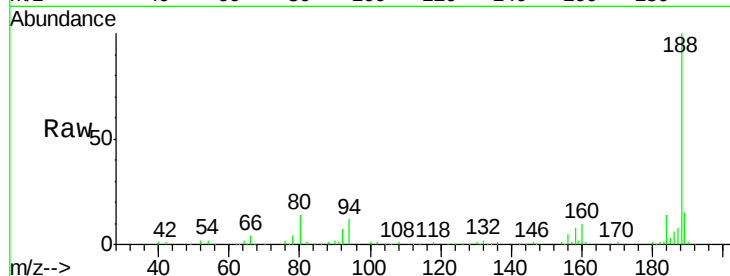




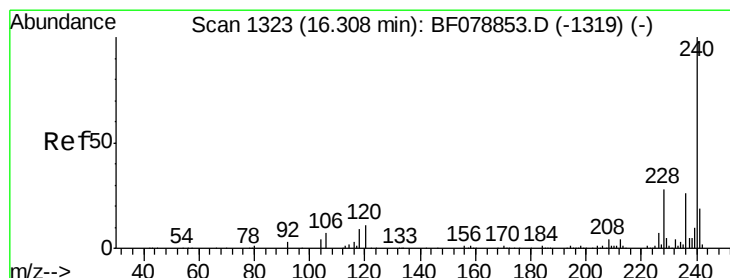
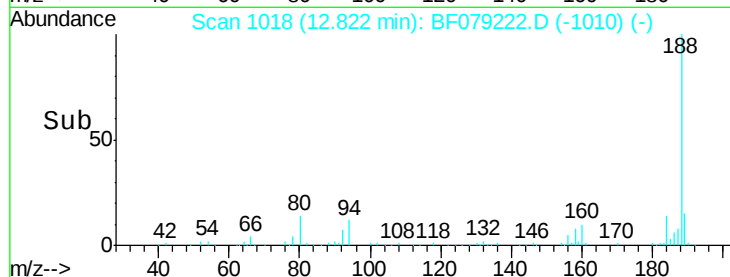
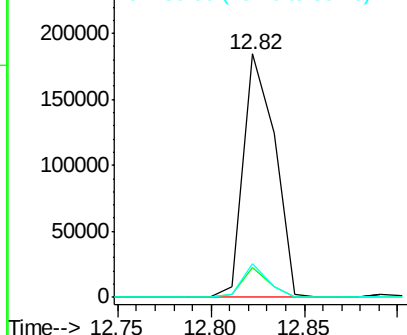
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.82 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF079222.D
Acq: 14 May 2015 5:49

Instrument :
BNA_F
ClientSampleId :
KBY-EB-1

Tot Ion	Ratio	Lower	Upper
188	100		
94	12.4	8.2	12.2#
80	14.0	8.9	13.3#

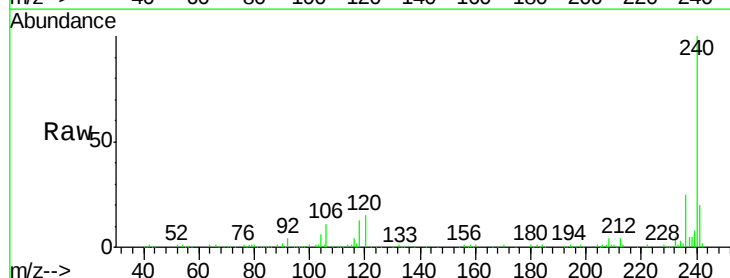


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

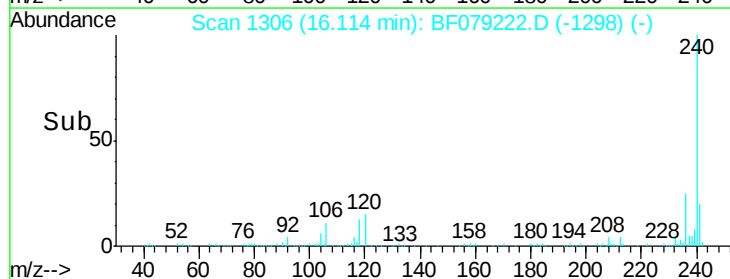
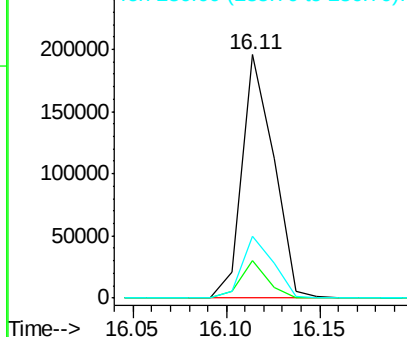


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.11 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF079222.D
Acq: 14 May 2015 5:49

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.3	9.7	14.5#
236	25.4	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: 78.91 ng

RT: 14.82 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BF079222.D

Acq: 14 May 2015 5:49

Instrument :

BNA_F

ClientSampleId :

KBY-EB-1

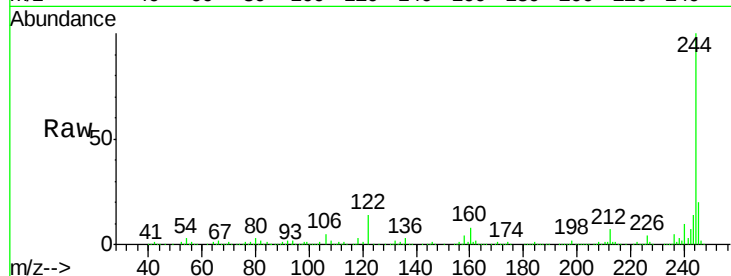
Tot Ion:244 Resp: 761222

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

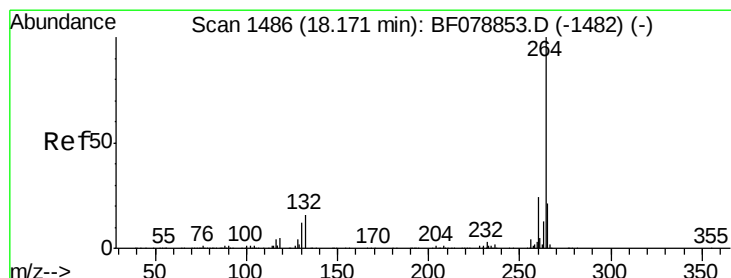
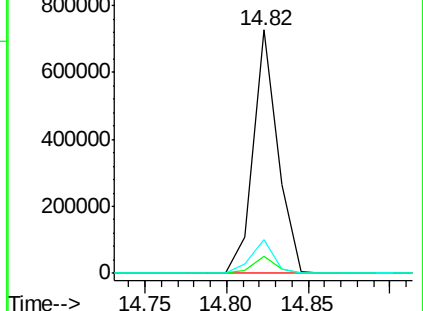
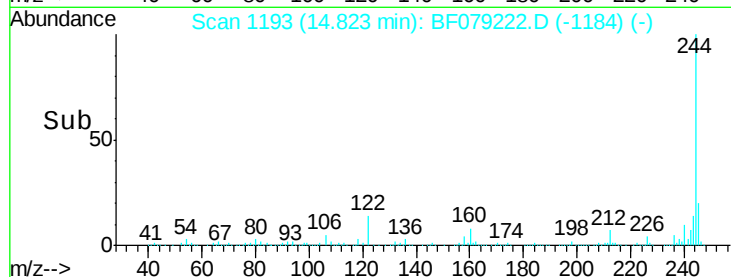
122 13.8 10.3 15.5



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: 17.86 min Scan# 1459

Delta R.T. 0.01 min

Lab File: BF079222.D

Acq: 14 May 2015 5:49

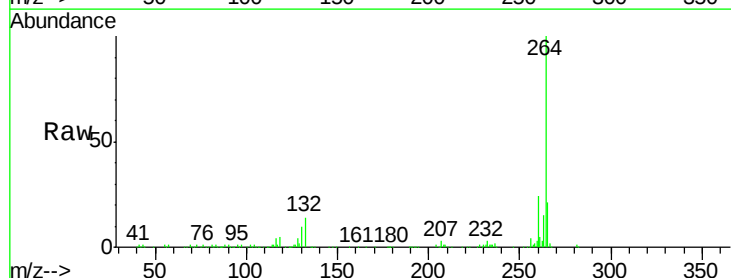
Tgt Ion:264 Resp: 245890

Ion Ratio Lower Upper

264 100

260 24.4 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

