

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051315\
 Data File : BF079223.D
 Acq On : 14 May 2015 6:18
 Operator : TP/IZ
 Sample : G2196-23
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KBY-EB-2

Quant Time: May 14 07:04:48 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	61757	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	247811	20.00	ng	0.00
38) Acenaphthene-d10	10.98	164	115061	20.00	ng	0.00
63) Phenanthrene-d10	12.82	188	213575	20.00	ng	-0.01
75) Chrysene-d12	16.13	240	235901	20.00	ng	0.00
86) Perylene-d12	17.89	264	237081	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	182835	50.96	ng	0.00
7) Phenol-d6	6.80	99	149103	31.44	ng	0.00
23) Nitrobenzene-d5	7.93	82	329973	76.53	ng	0.00
41) 2,4,6-Tribromophenol	11.96	330	154975	124.50	ng	0.00
44) 2-Fluorobiphenyl	10.16	172	687609	83.26	ng	0.00
78) Terphenyl-d14	14.82	244	758646	76.99	ng	0.00

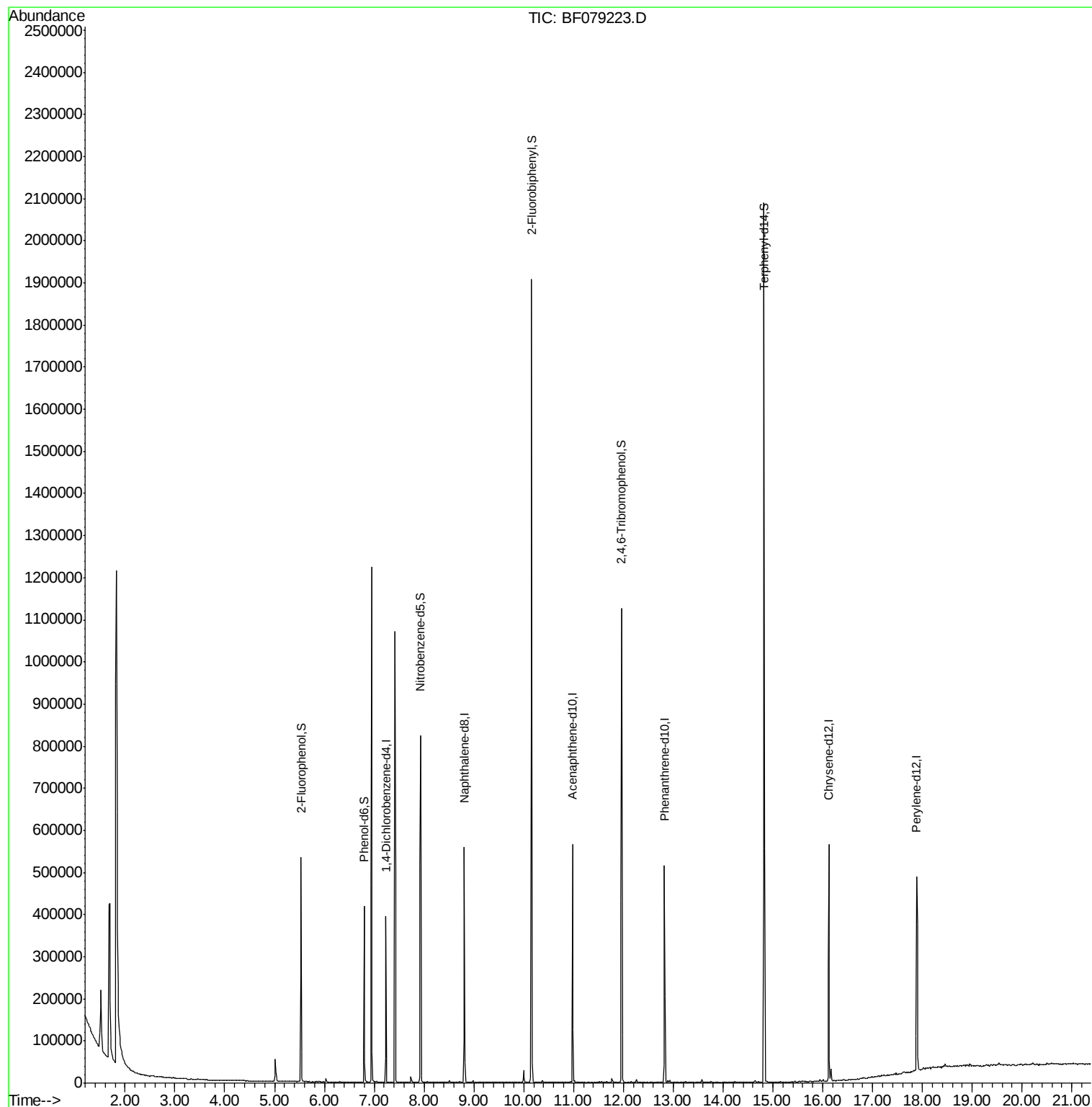
Target Compounds Qvalue

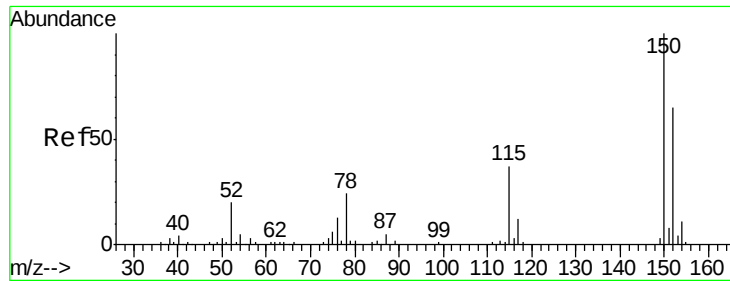
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF079223.D

Acq: 14 May 2015 6:18

Instrument :

BNA_F

ClientSampleId :

KBY-EB-2

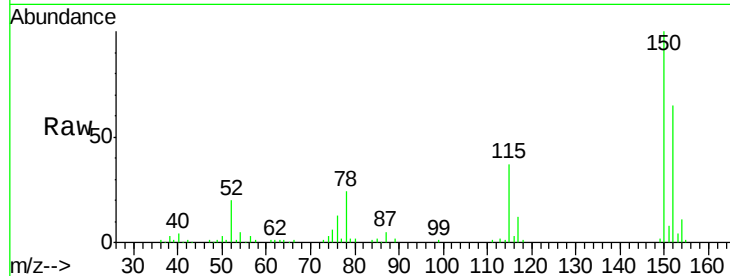
Tot Ion:152 Resp: 61757

Ion Ratio Lower Upper

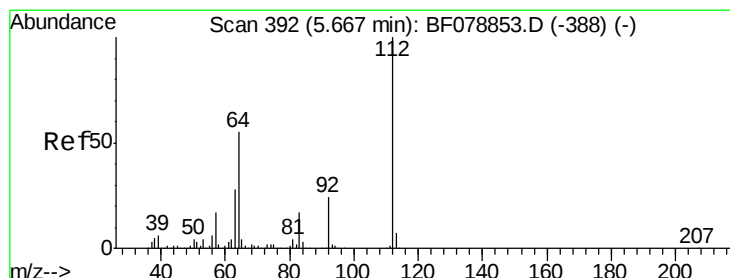
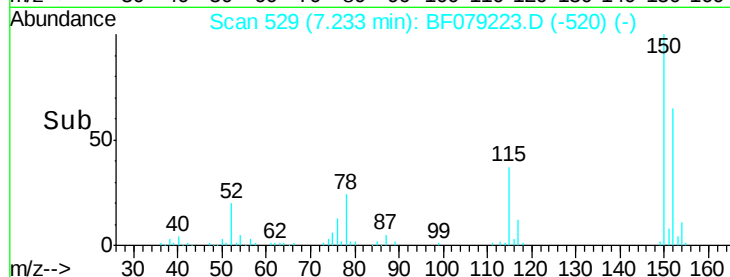
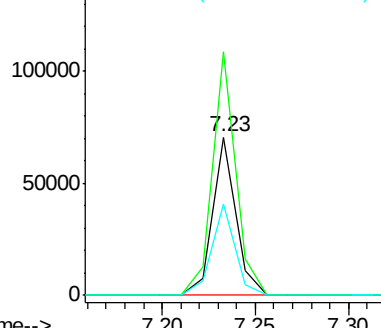
152 100

150 154.0 122.0 183.0

115 57.5 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: 50.96 ng

RT: 5.53 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF079223.D

Acq: 14 May 2015 6:18

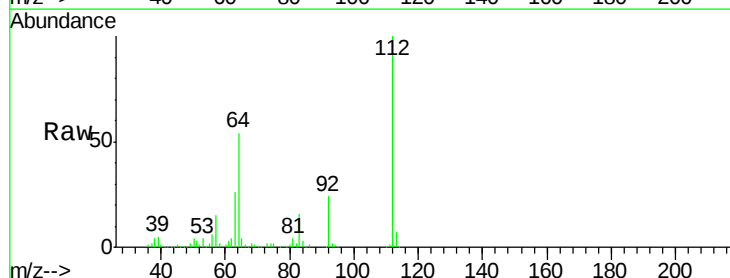
Tgt Ion:112 Resp: 182835

Ion Ratio Lower Upper

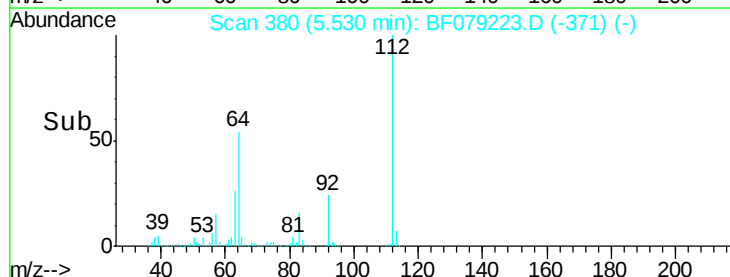
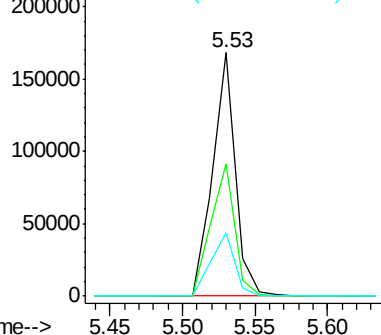
112 100

64 54.1 53.5 80.3

63 25.9 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: 31.44 ng

RT: 6.80 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF079223.D

Acq: 14 May 2015 6:18

Instrument :

BNA_F

ClientSampleId :

KBY-EB-2

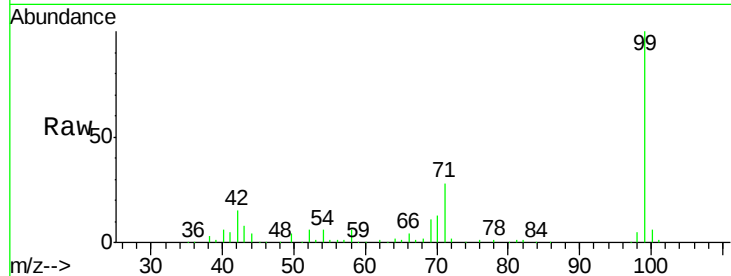
Tot Ion: 99 Resp: 149103

Ion Ratio Lower Upper

99 100

42 14.9 12.8 19.2

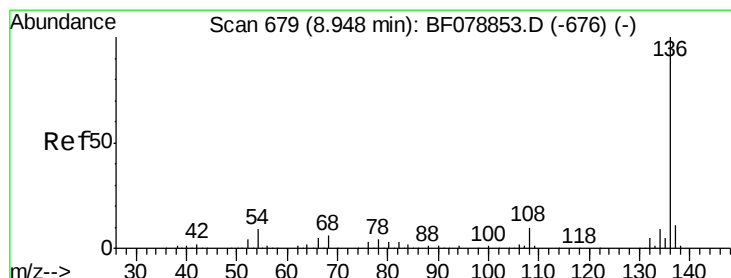
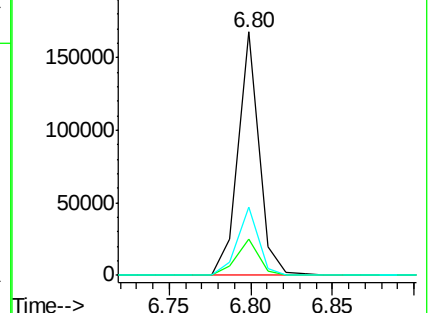
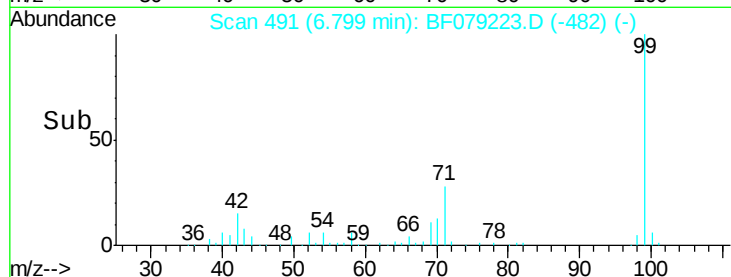
71 27.9 23.4 35.2



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: BF079223.D

Acq: 14 May 2015 6:18

Tgt Ion: 136 Resp: 247811

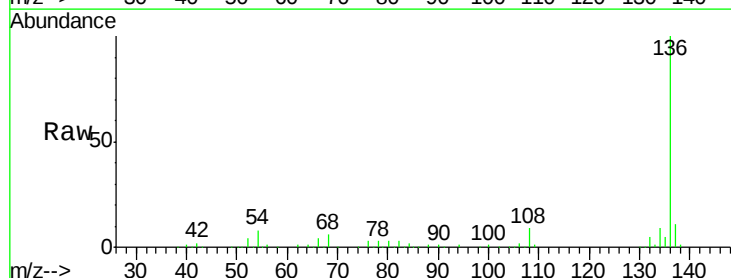
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 7.5 5.8 8.8

68 5.7 4.2 6.4

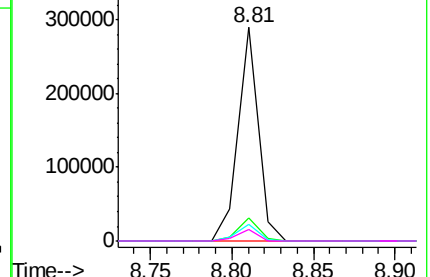
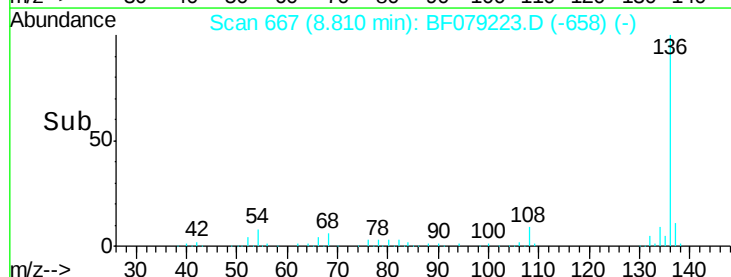


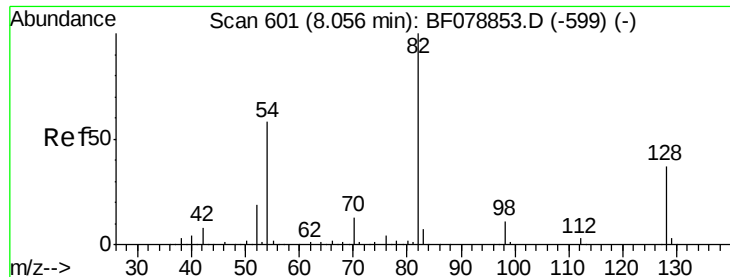
Abundance Ion 136.00 (135.70 to 136.70): E

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

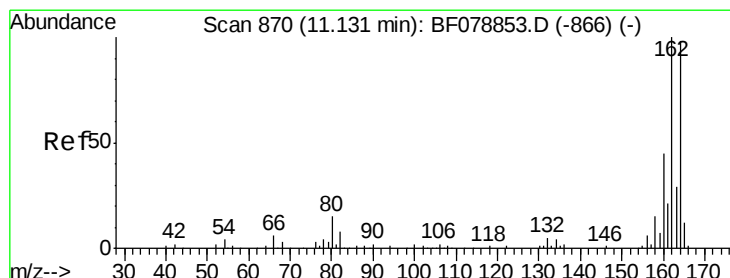
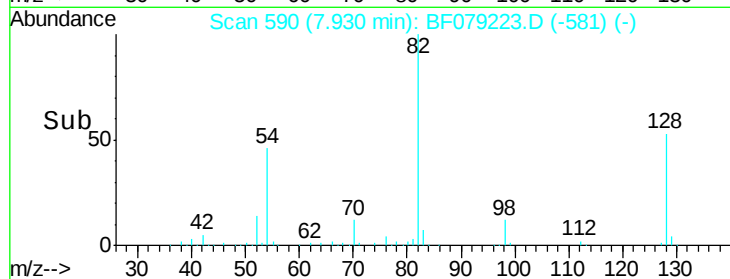
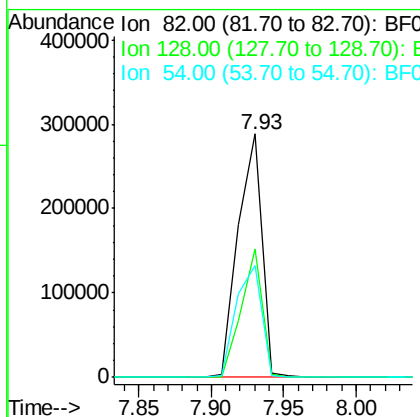
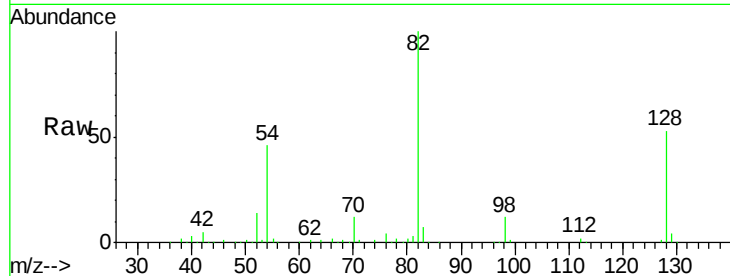




#23
 Nitrobenzene-d5
 Concen: 76.53 ng
 RT: 7.93 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF079223.D
 Acq: 14 May 2015 6:18

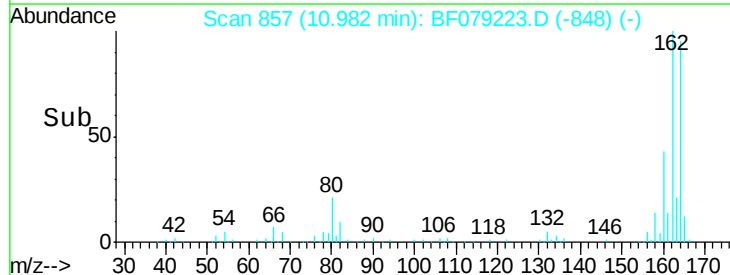
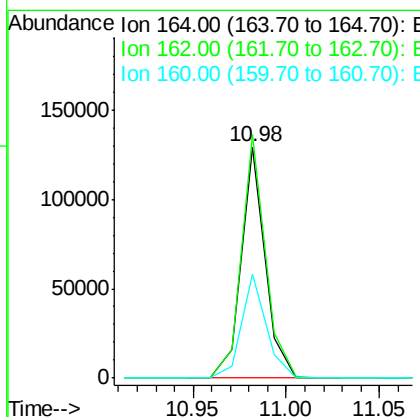
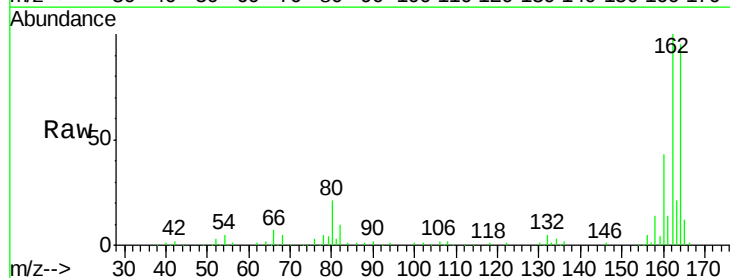
Instrument :
 BNA_F
 ClientSampleId :
 KBY-EB-2

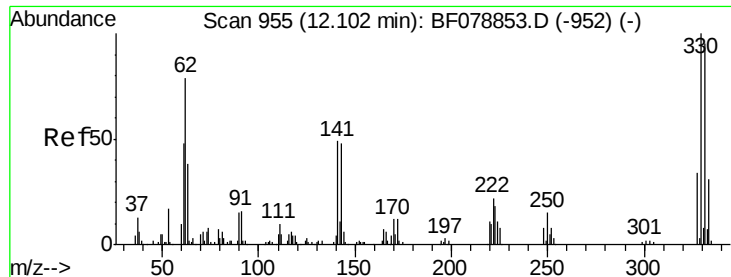
Tot Ion	82	Resp	329973
Ion Ratio	Lower	Upper	
82	100		
128	52.5	30.0	45.0#
54	46.1	46.4	69.6#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.98 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF079223.D
 Acq: 14 May 2015 6:18

Tgt Ion	164	Resp	115061
Ion Ratio	Lower	Upper	
164	100		
162	105.3	82.7	124.1
160	45.2	35.8	53.8

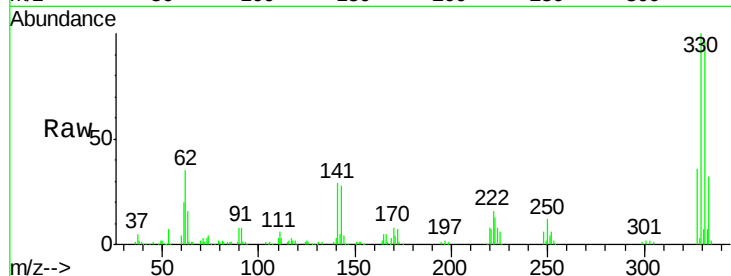




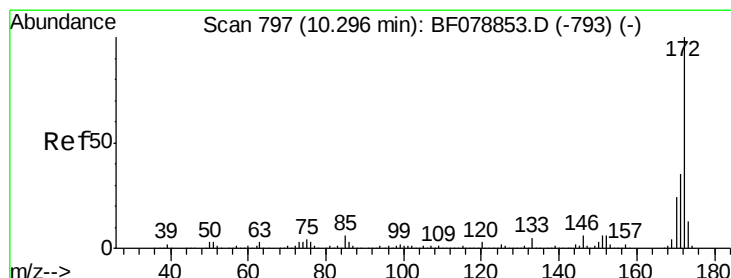
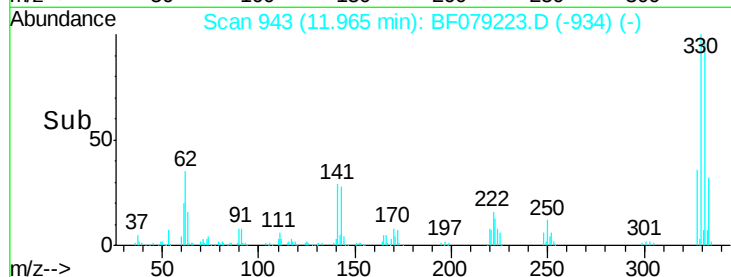
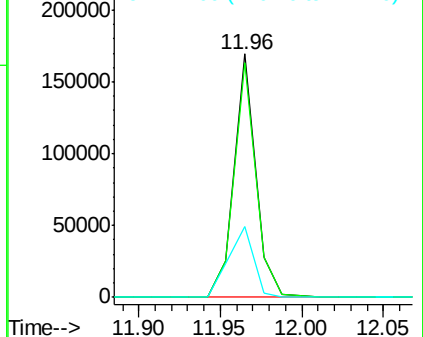
#41
 2,4,6-Tribromophenol
 Concen: 124.50 ng
 RT: 11.96 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF079223.D
 Acq: 14 May 2015 6:18

Instrument :
 BNA_F
 ClientSampleId :
 KBY-EB-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	0.0	0.0#
141	33.8	0.0	0.0#

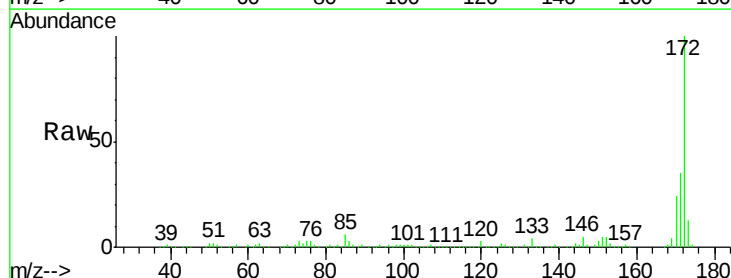


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

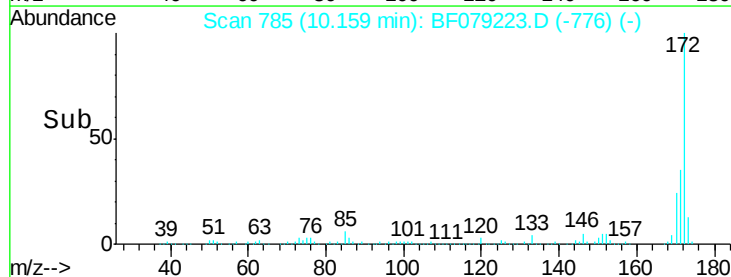
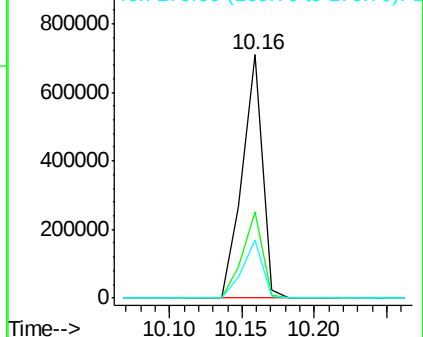


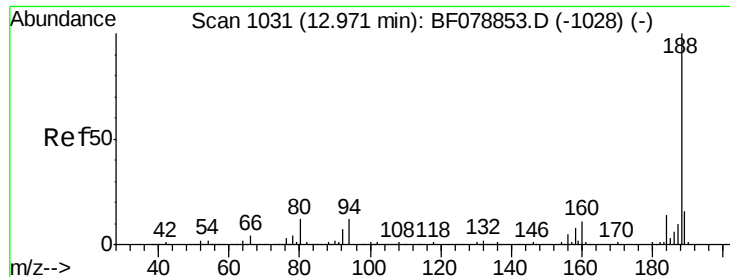
#44
 2-Fluorobiphenyl
 Concen: 83.26 ng
 RT: 10.16 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF079223.D
 Acq: 14 May 2015 6:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	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

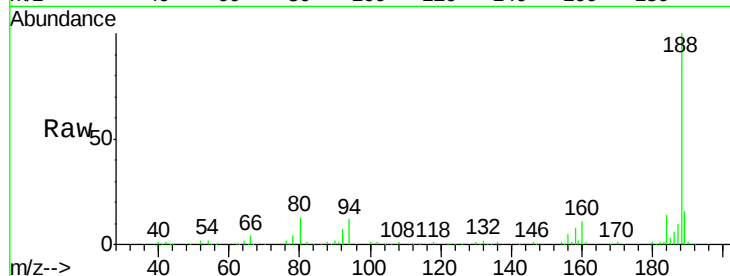




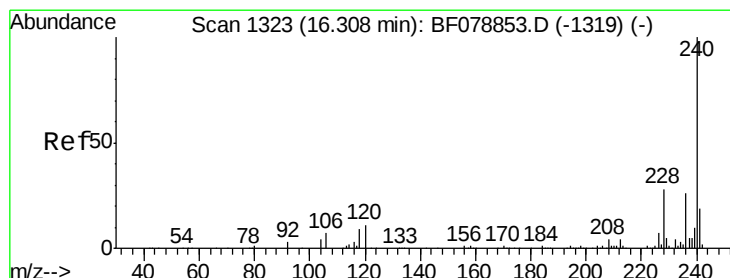
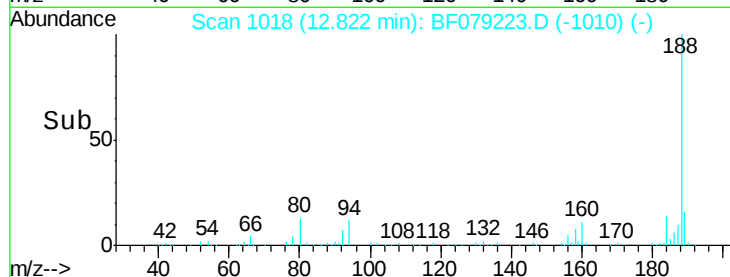
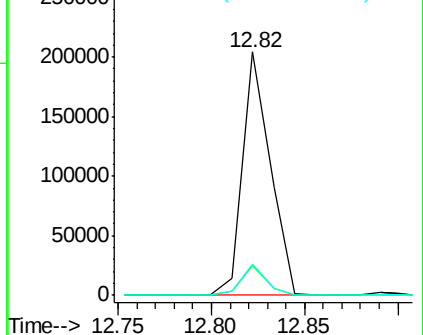
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.82 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF079223.D
Acq: 14 May 2015 6:18

Instrument :
BNA_F
ClientSampleId :
KBY-EB-2

Tot Ion	Ratio	Lower	Upper
188	100		
94	12.2	8.2	12.2
80	13.0	8.9	13.3

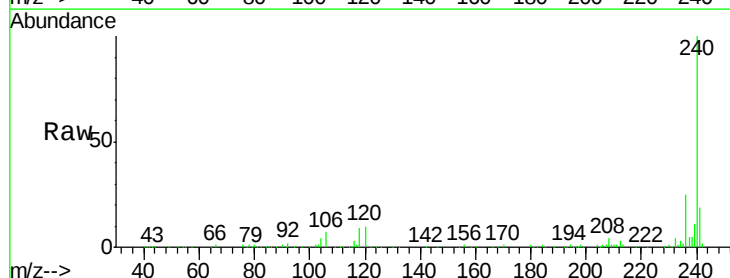


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

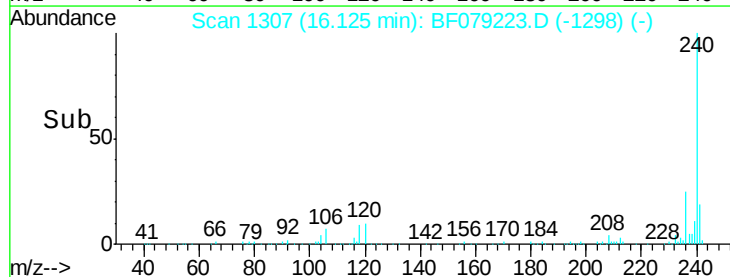
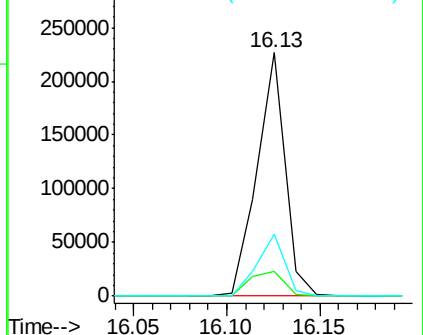


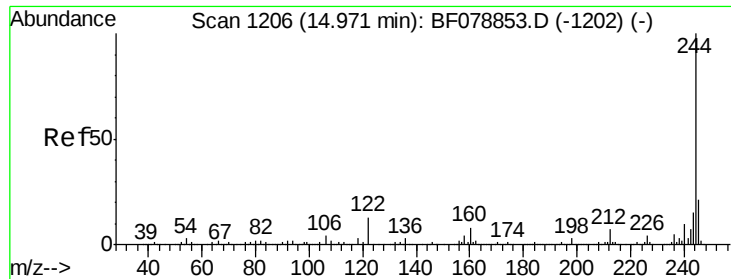
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.13 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF079223.D
Acq: 14 May 2015 6:18

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.0	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: 76.99 ng

RT: 14.82 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BF079223.D

Acq: 14 May 2015 6:18

Instrument :

BNA_F

ClientSampleId :

KBY-EB-2

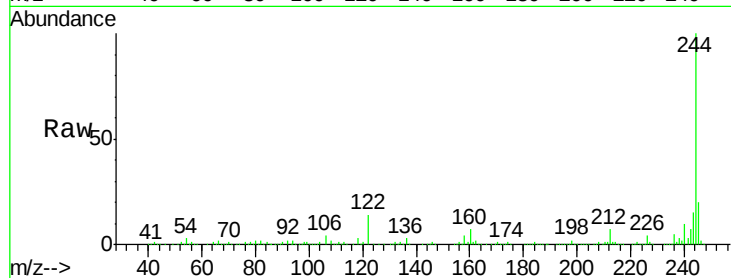
Tot Ion:244 Resp: 758646

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

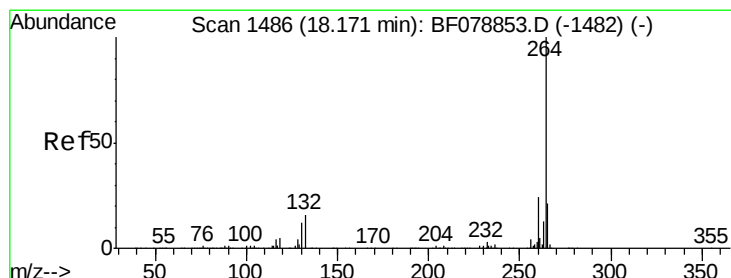
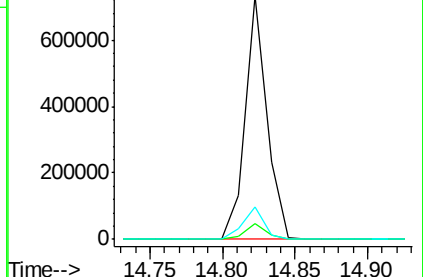
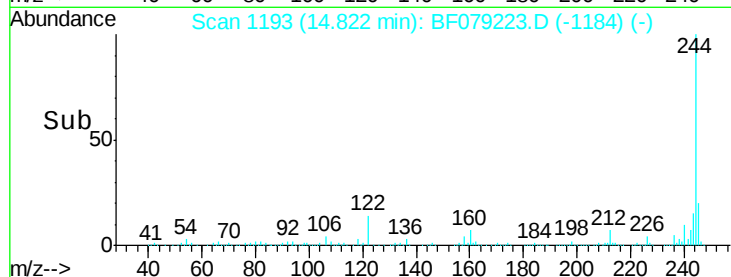
122 13.5 10.3 15.5



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: 17.89 min Scan# 1461

Delta R.T. 0.03 min

Lab File: BF079223.D

Acq: 14 May 2015 6:18

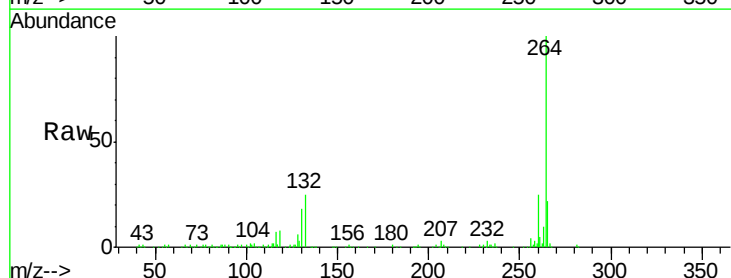
Tgt Ion:264 Resp: 237081

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.2

265 21.7 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

