

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051315\
 Data File : BF079224.D
 Acq On : 14 May 2015 6:47
 Operator : TP/IZ
 Sample : G2196-24
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KBY-EB-3

Quant Time: May 14 07:32:41 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	62855	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	249361	20.00	ng	0.00
38) Acenaphthene-d10	10.98	164	129590	20.00	ng	0.00
63) Phenanthrene-d10	12.82	188	239724	20.00	ng	-0.01
75) Chrysene-d12	16.11	240	242163	20.00	ng	-0.01
86) Perylene-d12	17.87	264	250992	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	175718	48.12	ng	0.00
7) Phenol-d6	6.80	99	139074	28.81	ng	0.00
23) Nitrobenzene-d5	7.93	82	348669	80.36	ng	0.00
41) 2,4,6-Tribromophenol	11.97	330	184681	131.73	ng	0.00
44) 2-Fluorobiphenyl	10.16	172	712267	76.58	ng	0.00
78) Terphenyl-d14	14.82	244	799550	79.05	ng	0.00

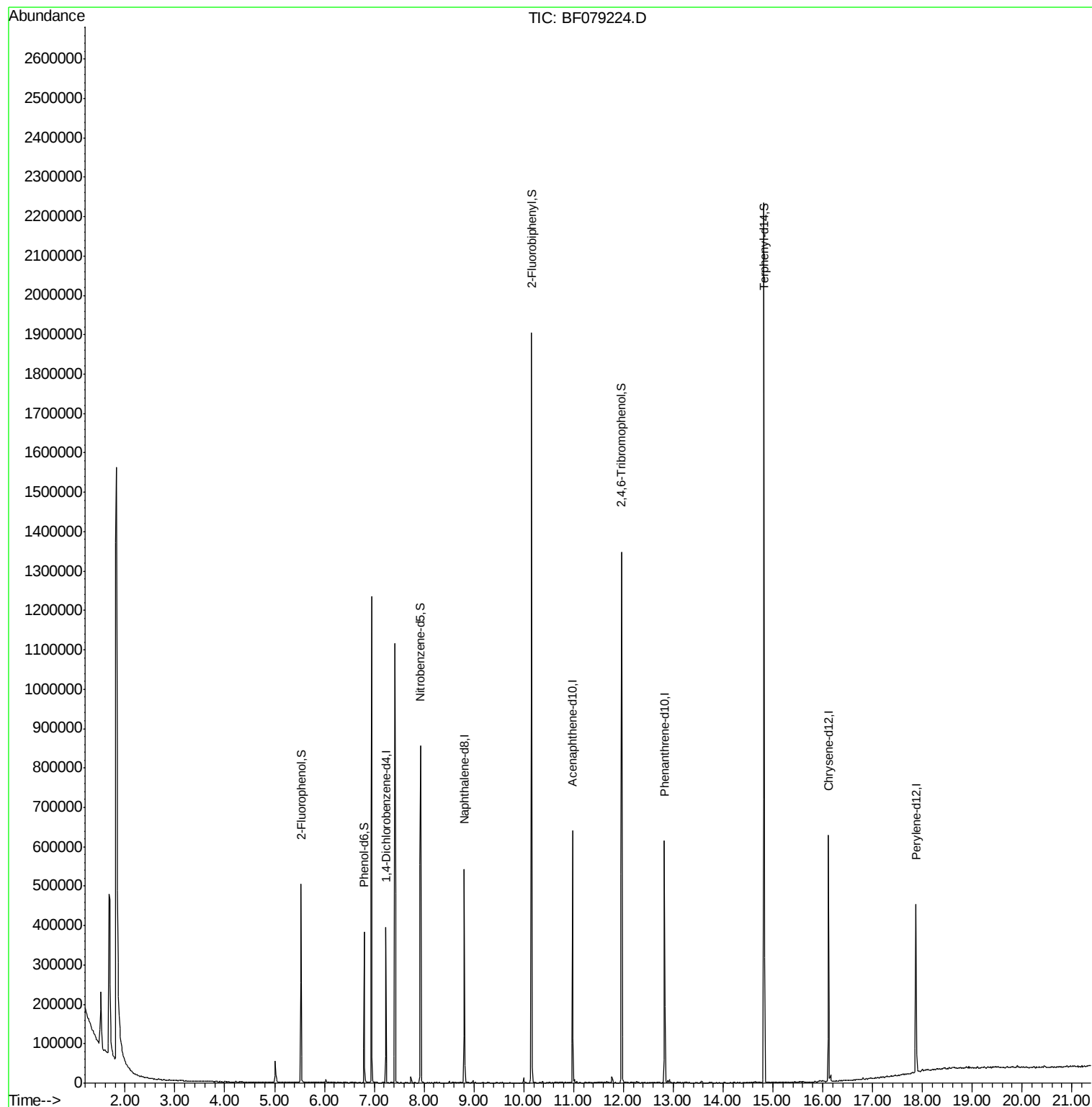
Target Compounds Qvalue

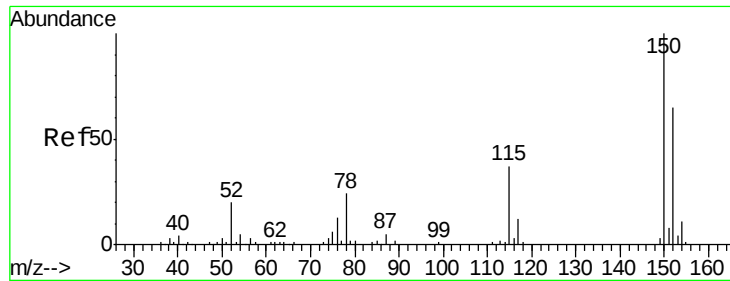
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF079224.D

Acq: 14 May 2015 6:47

Instrument :

BNA_F

ClientSampleId :

KBY-EB-3

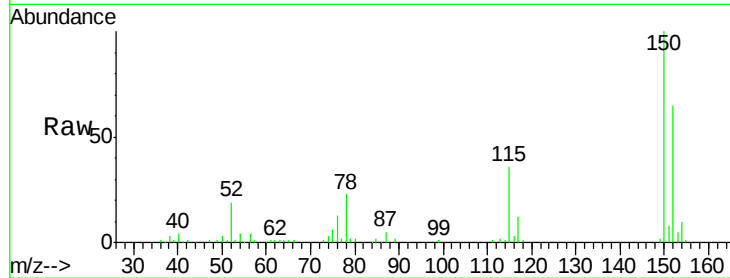
Tot Ion:152 Resp: 62855

Ion Ratio Lower Upper

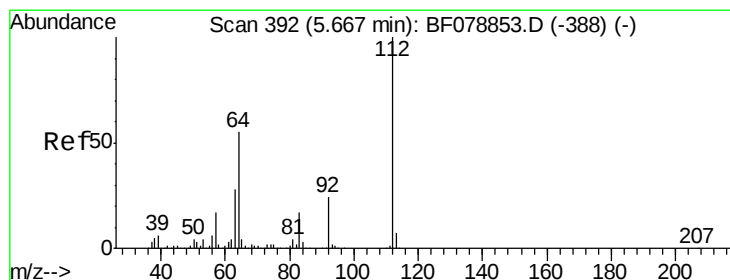
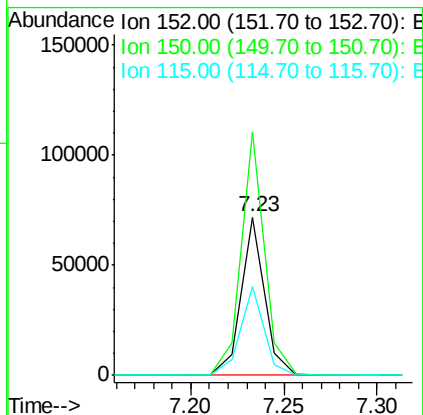
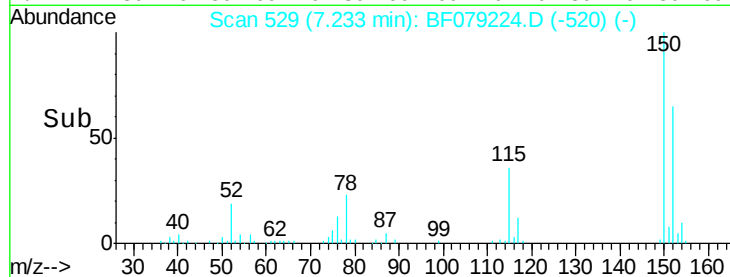
152 100

150 153.8 122.0 183.0

115 56.1 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: 48.12 ng

RT: 5.53 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF079224.D

Acq: 14 May 2015 6:47

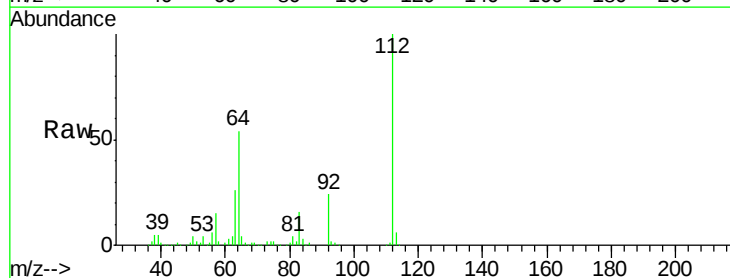
Tgt Ion:112 Resp: 175718

Ion Ratio Lower Upper

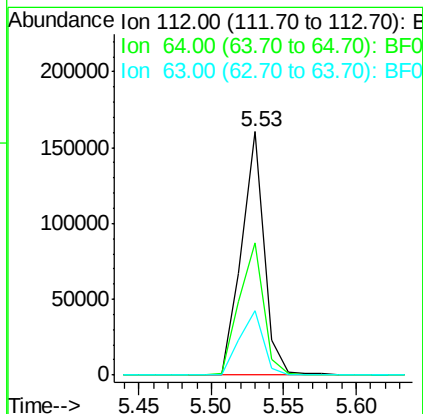
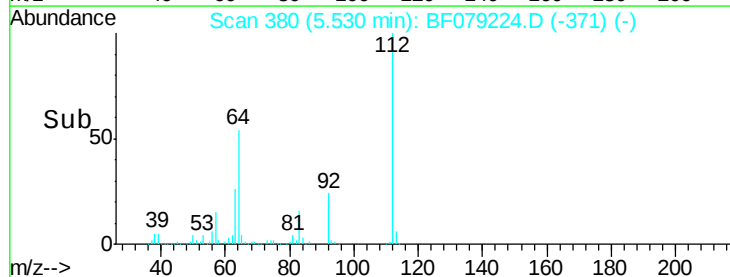
112 100

64 54.2 53.5 80.3

63 26.3 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: 28.81 ng

RT: 6.80 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF079224.D

Acq: 14 May 2015 6:47

Instrument :

BNA_F

ClientSampleId :

KBY-EB-3

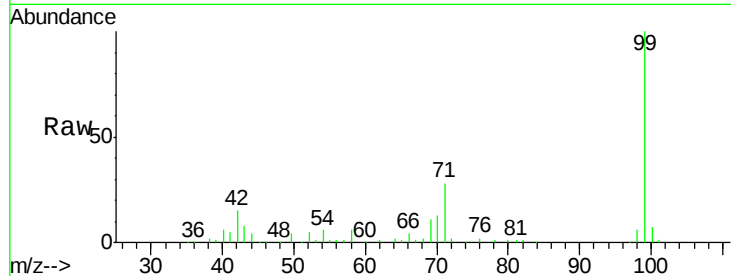
Tot Ion: 99 Resp: 139074

Ion Ratio Lower Upper

99 100

42 15.1 12.8 19.2

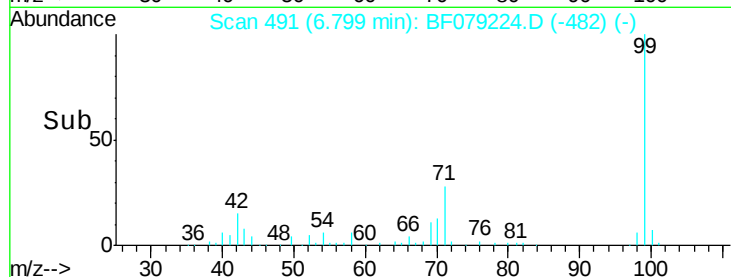
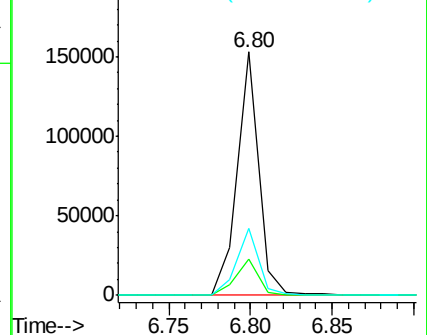
71 27.6 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF078853.D (-498) (-)

Ion 42.00 (41.70 to 42.70): BF078853.D (-498) (-)

Ion 71.00 (70.70 to 71.70): BF078853.D (-498) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.81 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF079224.D

Acq: 14 May 2015 6:47

Tgt Ion: 136 Resp: 249361

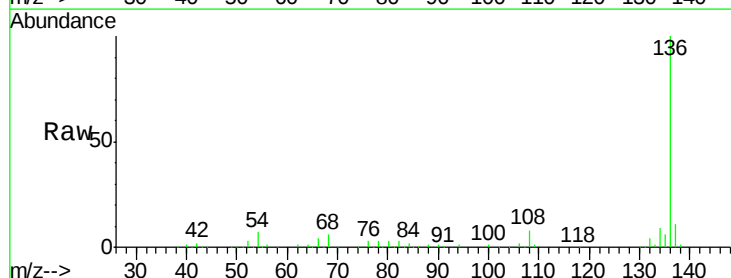
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.1 5.8 8.8

68 5.7 4.2 6.4

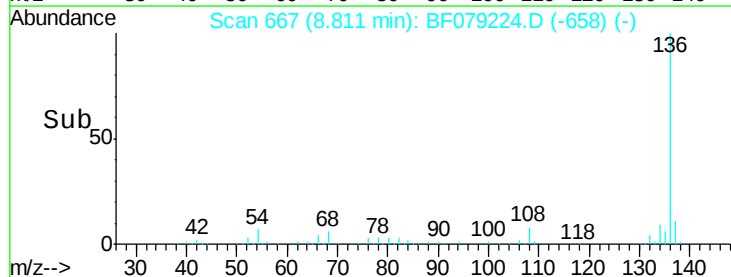
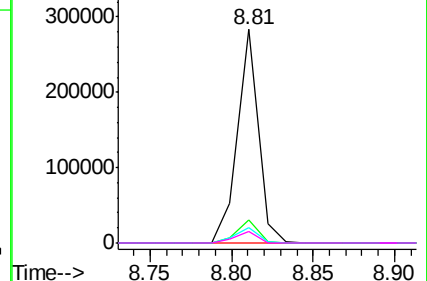


Abundance Ion 136.00 (135.70 to 136.70): BF078853.D (-676) (-)

Ion 137.00 (136.70 to 137.70): BF078853.D (-676) (-)

Ion 54.00 (53.70 to 54.70): BF078853.D (-676) (-)

Ion 68.00 (67.70 to 68.70): BF078853.D (-676) (-)

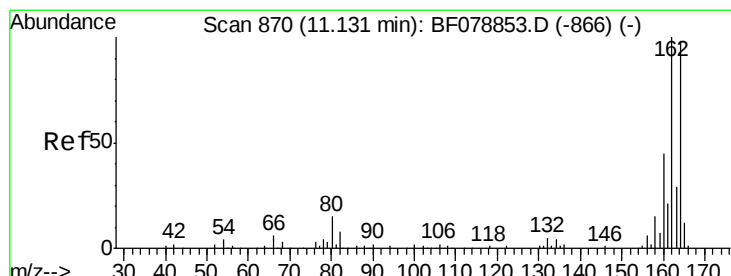
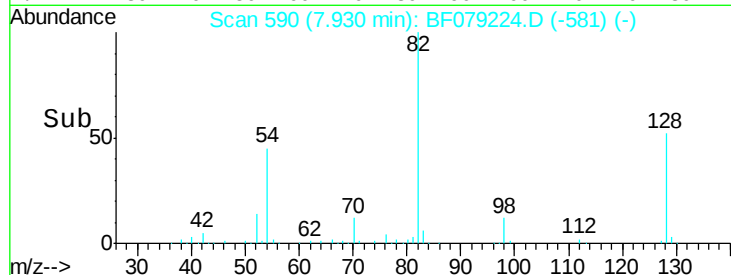
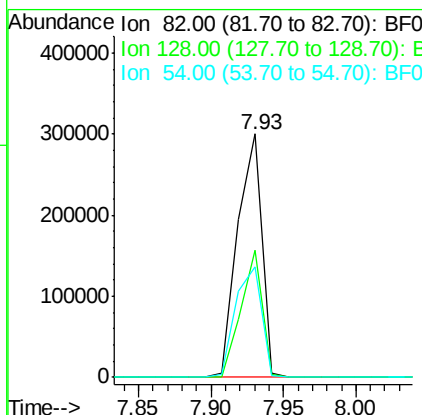
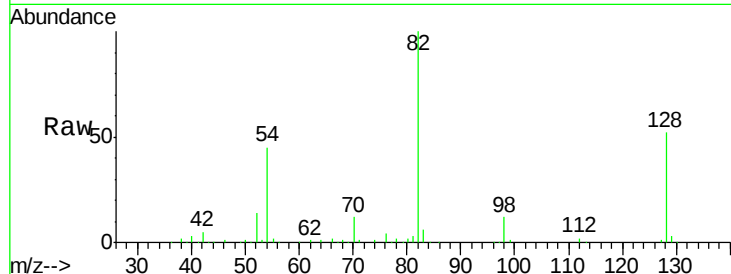




#23
 Nitrobenzene-d5
 Concen: 80.36 ng
 RT: 7.93 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF079224.D
 Acq: 14 May 2015 6:47

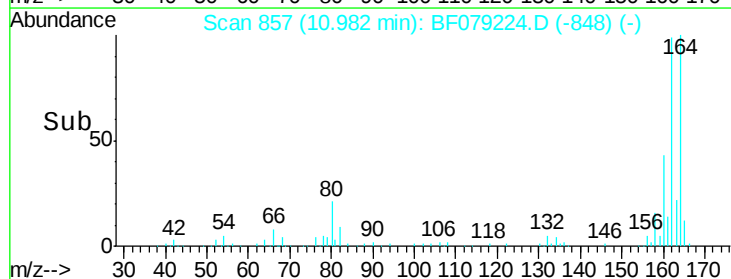
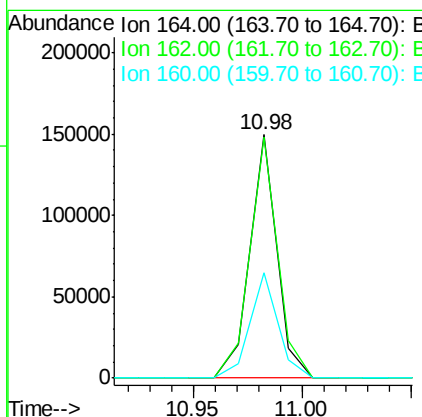
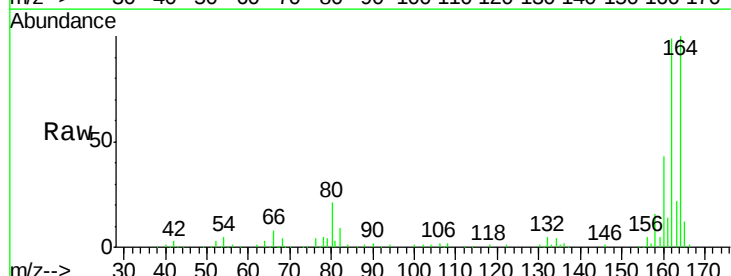
Instrument :
 BNA_F
 ClientSampleId :
 KBY-EB-3

Tot Ion	82	Resp	348669
Ion Ratio	100	Lower	Upper
128	52.4	30.0	45.0#
54	45.2	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: BF079224.D
 Acq: 14 May 2015 6:47

Tgt Ion	164	Resp	129590
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	99.1	82.7	124.1
160	43.5	35.8	53.8

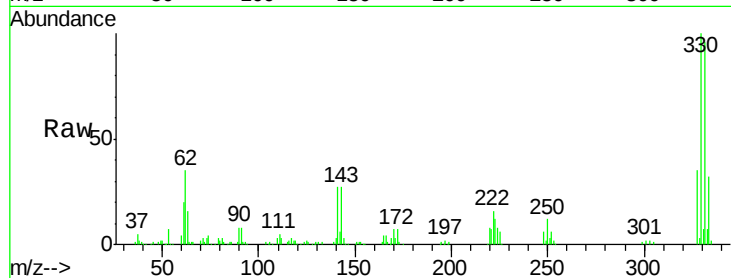




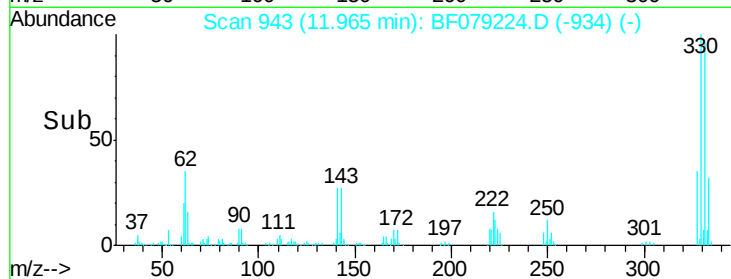
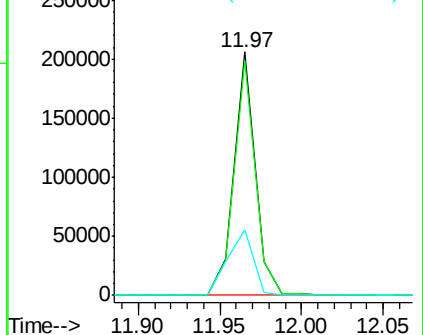
#41
 2,4,6-Tribromophenol
 Concen: 131.73 ng
 RT: 11.97 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF079224.D
 Acq: 14 May 2015 6:47

Instrument :
 BNA_F
 ClientSampled :
 KBY-EB-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	33.0	0.0	0.0#

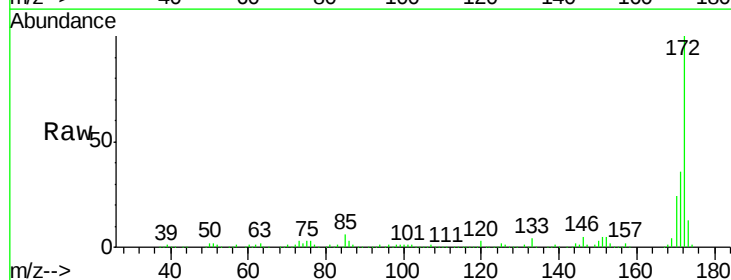


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

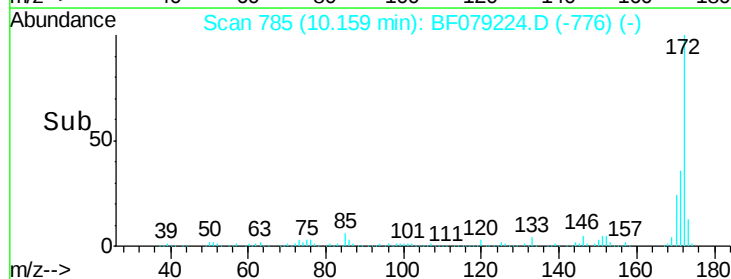
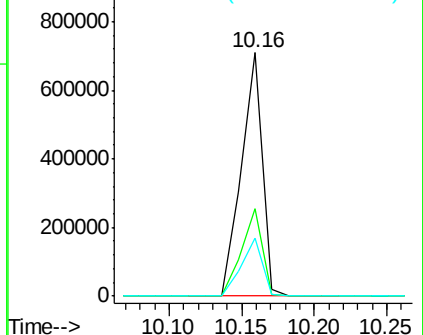


#44
 2-Fluorobiphenyl
 Concen: 76.58 ng
 RT: 10.16 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF079224.D
 Acq: 14 May 2015 6:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	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

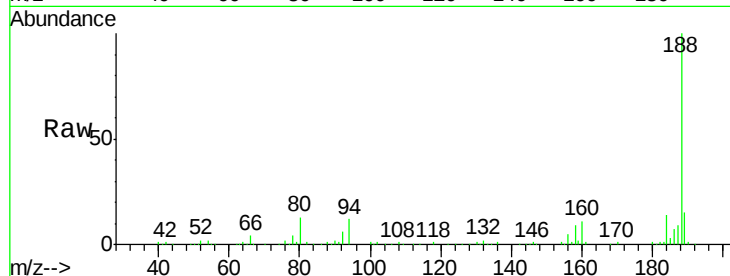




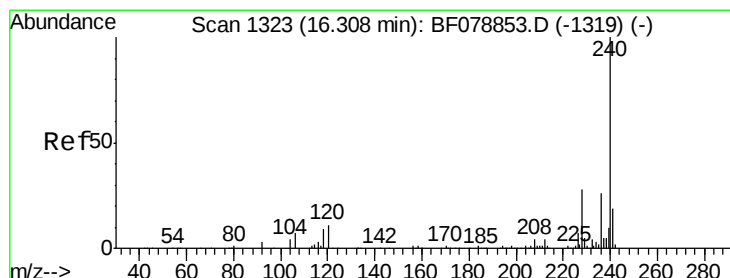
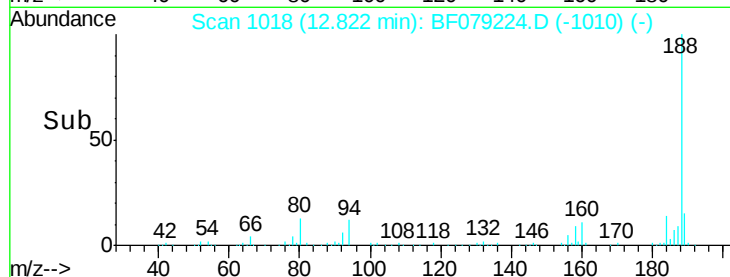
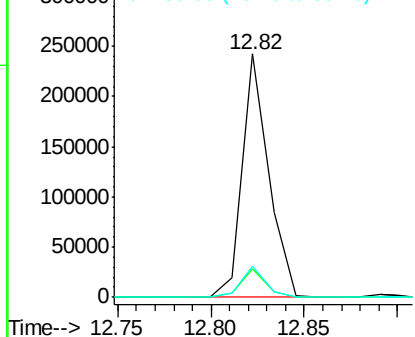
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.82 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF079224.D
Acq: 14 May 2015 6:47

Instrument :
BNA_F
ClientSampleId :
KBY-EB-3

Tot Ion:188 Resp: 239724
Ion Ratio Lower Upper
188 100
94 11.8 8.2 12.2
80 12.6 8.9 13.3

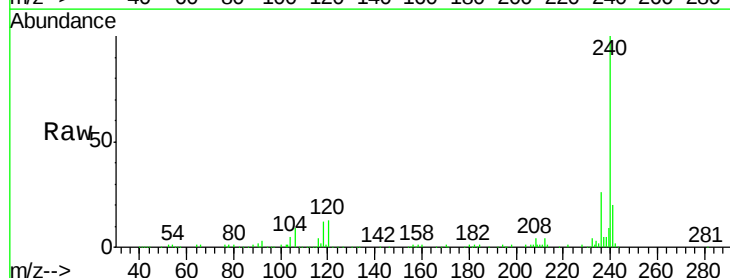


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

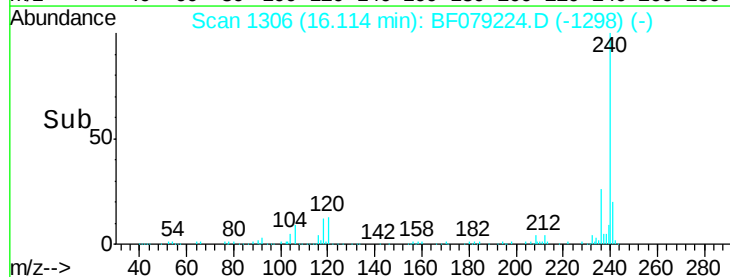
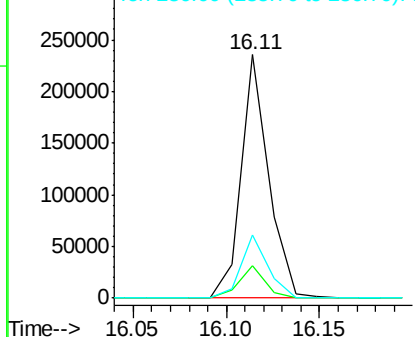


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.11 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF079224.D
Acq: 14 May 2015 6:47

Tgt Ion:240 Resp: 242163
Ion Ratio Lower Upper
240 100
120 13.3 9.7 14.5
236 25.8 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: 79.05 ng

RT: 14.82 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BF079224.D

Acq: 14 May 2015 6:47

Instrument :

BNA_F

ClientSampleId :

KBY-EB-3

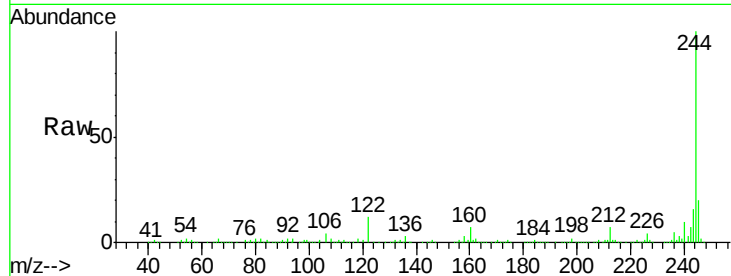
Tot Ion:244 Resp: 799550

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

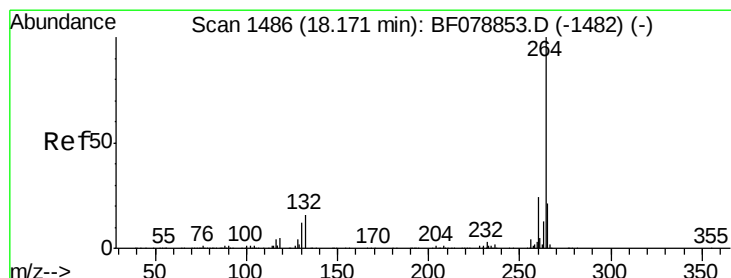
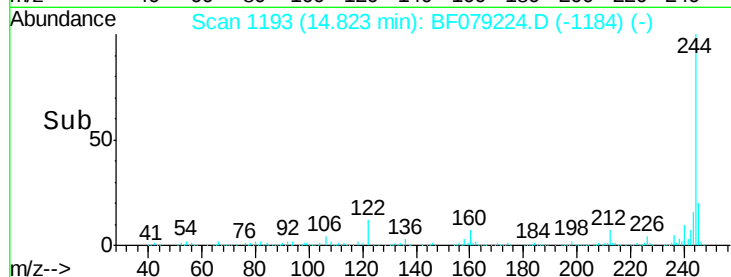
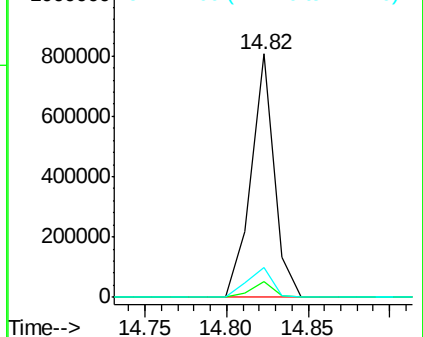
122 12.4 10.3 15.5



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: 17.87 min Scan# 1460

Delta R.T. 0.02 min

Lab File: BF079224.D

Acq: 14 May 2015 6:47

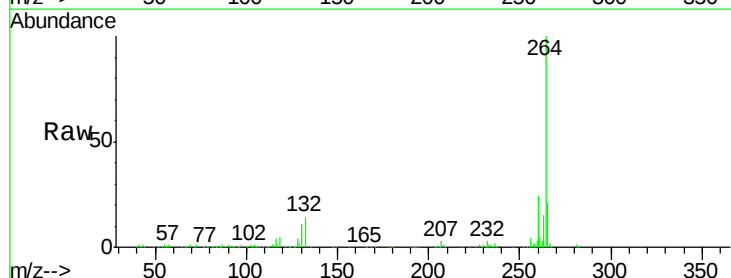
Tgt Ion:264 Resp: 250992

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 20.8 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

