

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050815\
 Data File : BF079090.D
 Acq On : 9 May 2015 19:56
 Operator : TP/IZ
 Sample : G2087-10
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B5-5-7

Quant Time: May 11 02:08:26 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 11 01:50:36 2015
 Response via : Initial Calibration

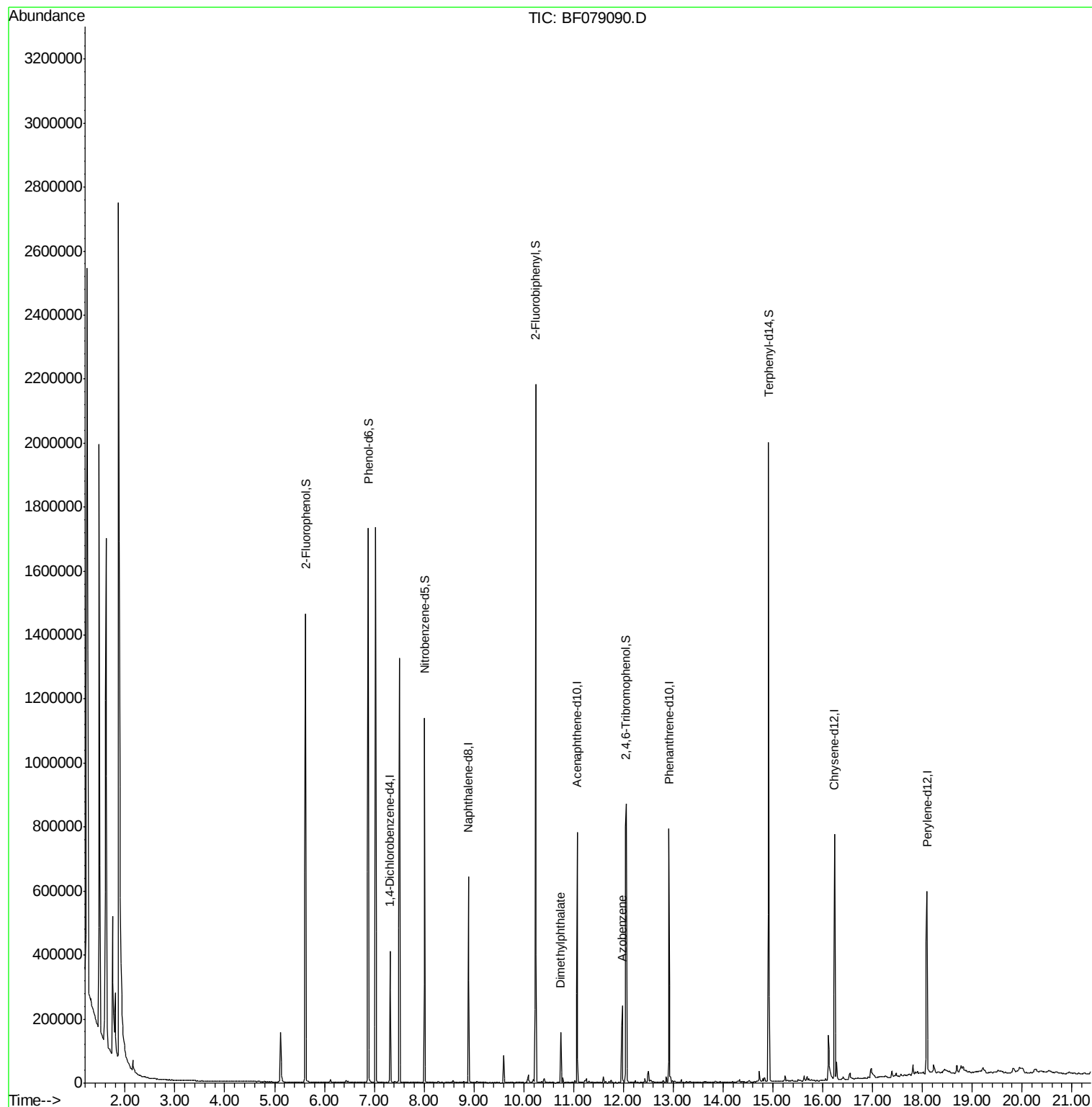
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.31	152	81138	20.00	ng	-0.01
21) Naphthalene-d8	8.89	136	337744	20.00	ng	0.00
38) Acenaphthene-d10	11.07	164	171252	20.00	ng	0.00
63) Phenanthrene-d10	12.91	188	318639	20.00	ng	0.00
75) Chrysene-d12	16.24	240	302690	20.00	ng	0.03
86) Perylene-d12	18.09	264	295787	20.00	ng	0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	461617	97.93	ng	0.00
7) Phenol-d6	6.88	99	636285	102.12	ng	0.00
23) Nitrobenzene-d5	8.01	82	358940	61.08	ng	0.00
41) 2,4,6-Tribromophenol	12.06	330	163388	88.19	ng	0.00
44) 2-Fluorobiphenyl	10.24	172	652324	53.07	ng	0.00
78) Terphenyl-d14	14.91	244	669543	52.96	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.74	163	63182	5.03	ng	Qvalue 100
62) Azobenzene	11.98	77	61866	5.04	ng	# 1

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

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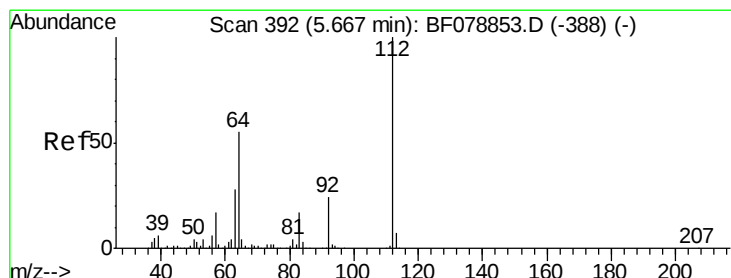
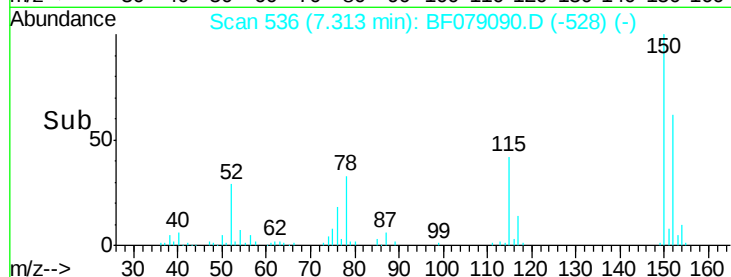
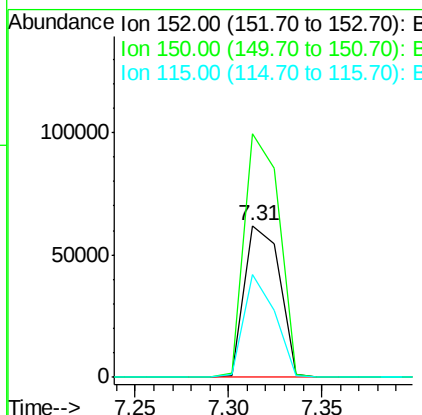
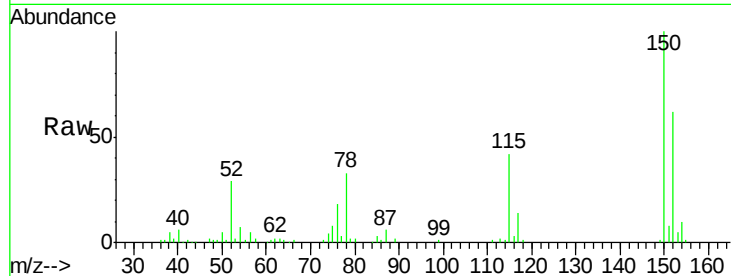




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.31 min Scan# 536
 Delta R.T. -0.01 min
 Lab File: BF079090.D
 Acq: 9 May 2015 19:56

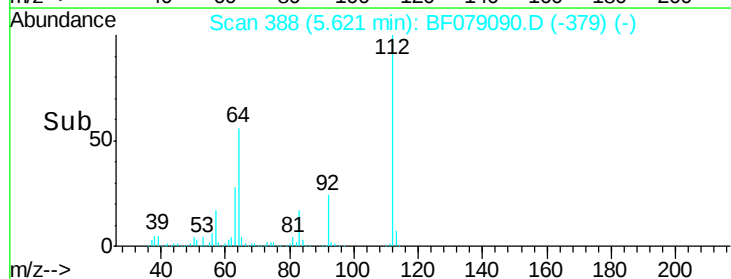
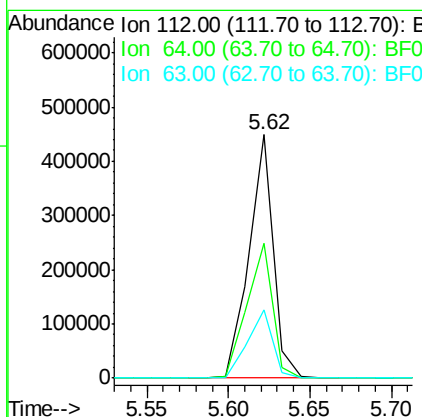
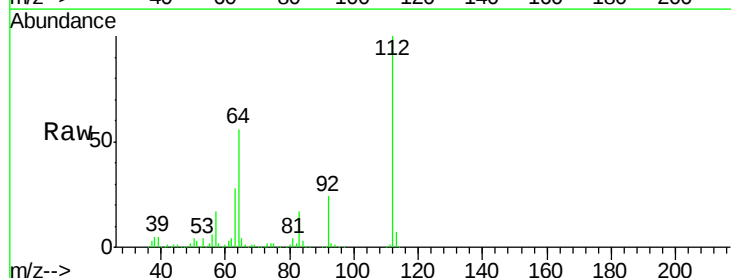
Instrument :
 BNA_F
 ClientSampled :
 B5-5-7

Tgt Ion:152 Resp: 81138
 Ion Ratio Lower Upper
 152 100
 150 160.6 122.0 183.0
 115 67.4 46.3 69.5



#5
 2-Fluorophenol
 Concen: 97.93 ng
 RT: 5.62 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: BF079090.D
 Acq: 9 May 2015 19:56

Tgt Ion:112 Resp: 461617
 Ion Ratio Lower Upper
 112 100
 64 55.6 53.5 80.3
 63 28.0 27.5 41.3





#7

Phenol-d6

Concen: 102.12 ng

RT: 6.88 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF079090.D

Acq: 9 May 2015 19:56

Instrument :

BNA_F

ClientSampleId :

B5-5-7

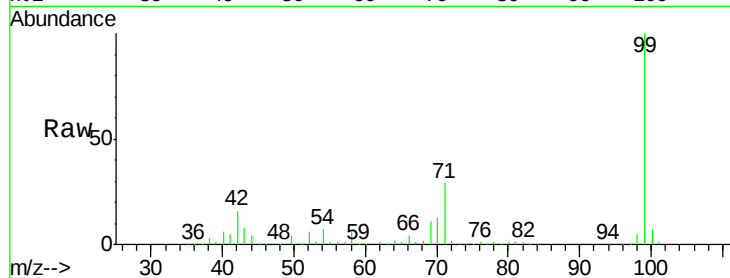
Tgt Ion: 99 Resp: 636285

Ion Ratio Lower Upper

99 100

42 16.0 12.8 19.2

71 29.2 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) (-)

6.88

800000

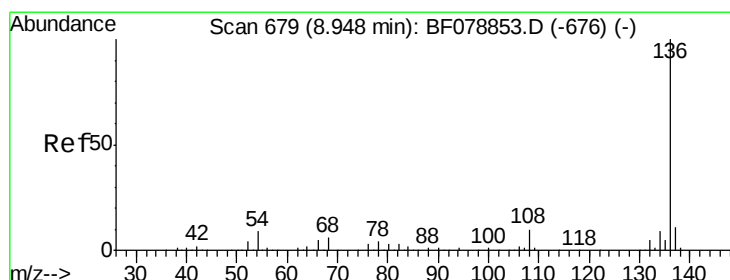
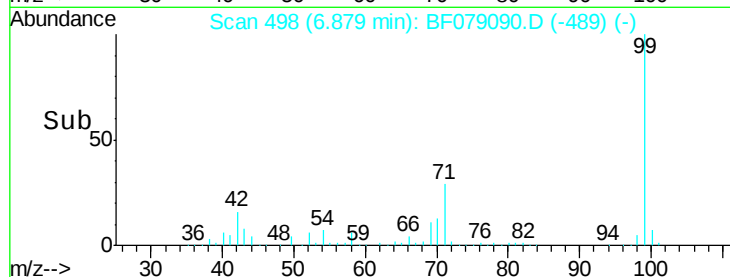
600000

400000

200000

0

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.89 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF079090.D

Acq: 9 May 2015 19:56

Tgt Ion: 136 Resp: 337744

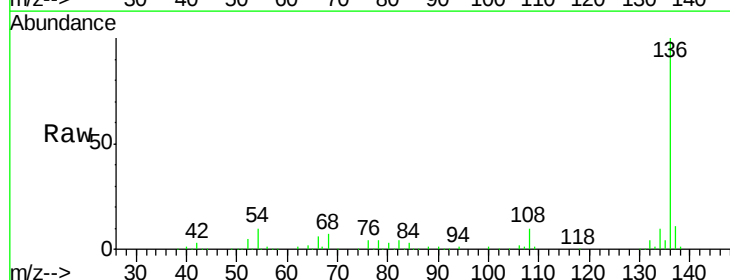
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 9.7 5.8 8.8#

68 7.0 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) (-)

8.89

400000

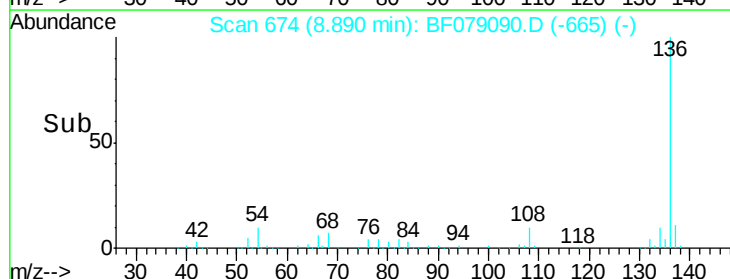
300000

200000

100000

0

Time-->

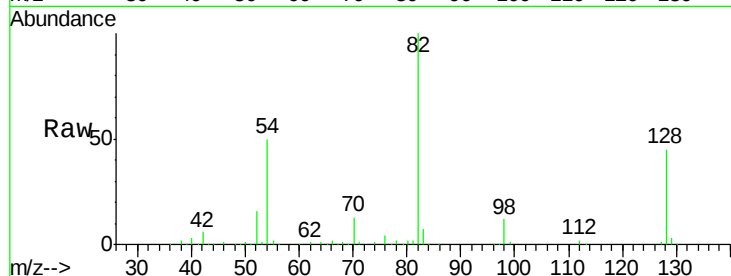




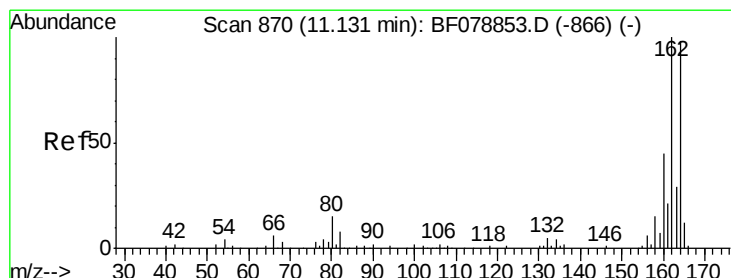
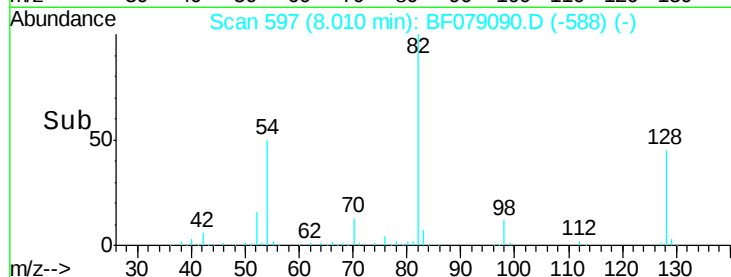
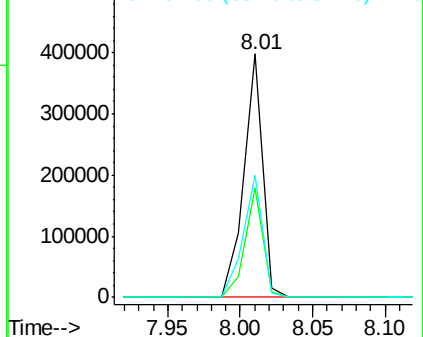
#23
 Nitrobenzene-d5
 Concen: 61.08 ng
 RT: 8.01 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF079090.D
 Acq: 9 May 2015 19:56

Instrument :
 BNA_F
 ClientSampled :
 B5-5-7

Tgt Ion: 82 Resp: 358940
 Ion Ratio Lower Upper
 82 100
 128 44.7 30.0 45.0
 54 50.4 46.4 69.6

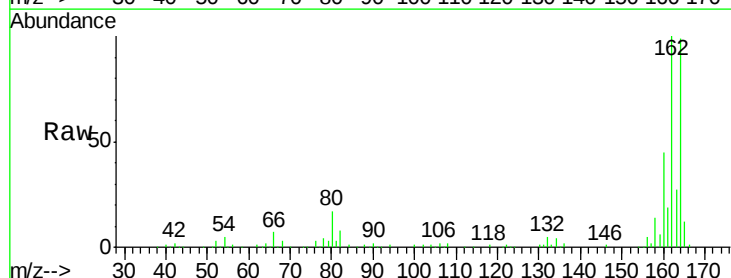


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

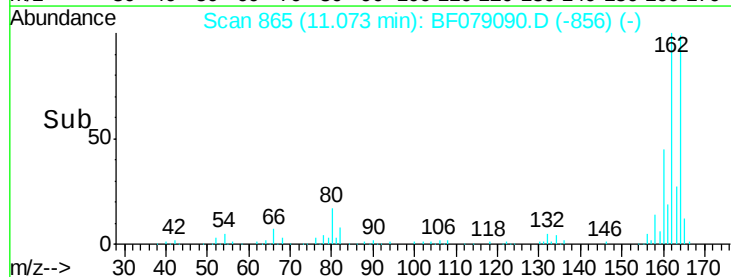
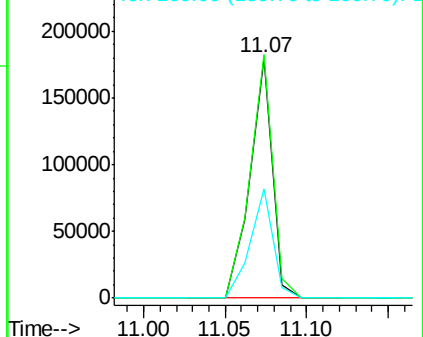


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: BF079090.D
 Acq: 9 May 2015 19:56

Tgt Ion: 164 Resp: 171252
 Ion Ratio Lower Upper
 164 100
 162 101.3 82.7 124.1
 160 45.4 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

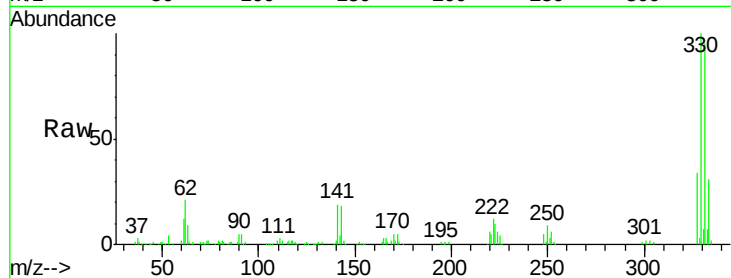




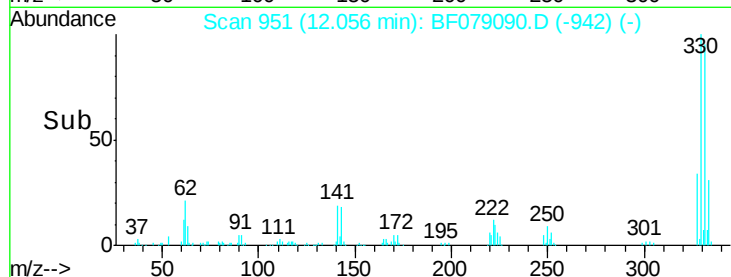
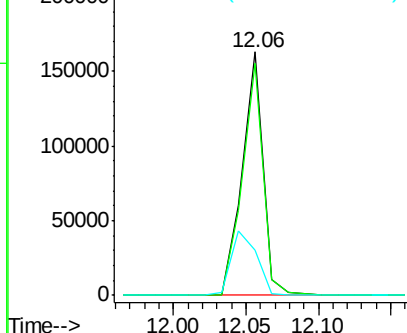
#41
 2,4,6-Tribromophenol
 Concen: 88.19 ng
 RT: 12.06 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF079090.D
 Acq: 9 May 2015 19:56

Instrument :
 BNA_F
 ClientSampleId :
 B5-5-7

Tgt Ion:330 Resp: 163388
 Ion Ratio Lower Upper
 330 100
 332 95.3 0.0 0.0#
 141 32.2 0.0 0.0#

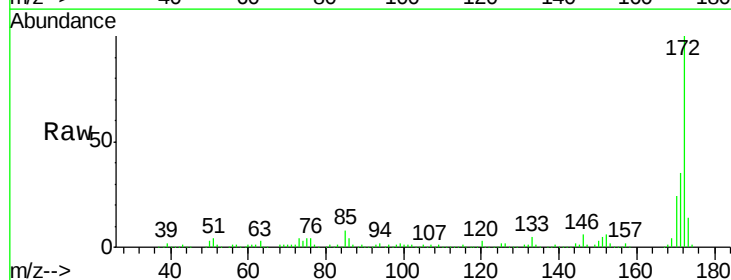


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

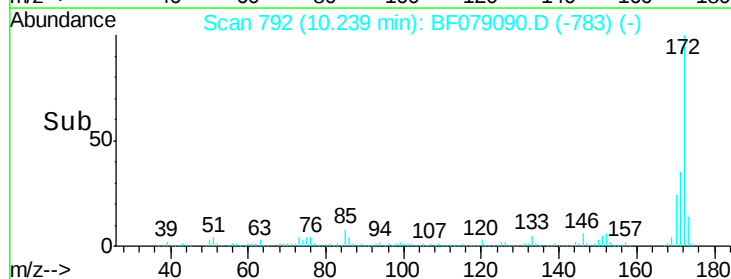
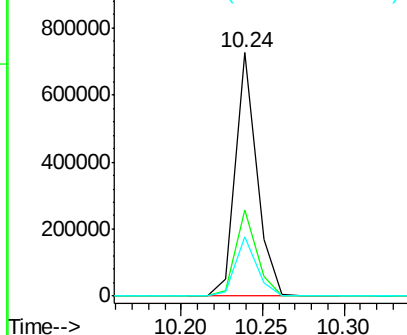


#44
 2-Fluorobiphenyl
 Concen: 53.07 ng
 RT: 10.24 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF079090.D
 Acq: 9 May 2015 19:56

Tgt Ion:172 Resp: 652324
 Ion Ratio Lower Upper
 172 100
 171 35.3 27.9 41.9
 170 24.1 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

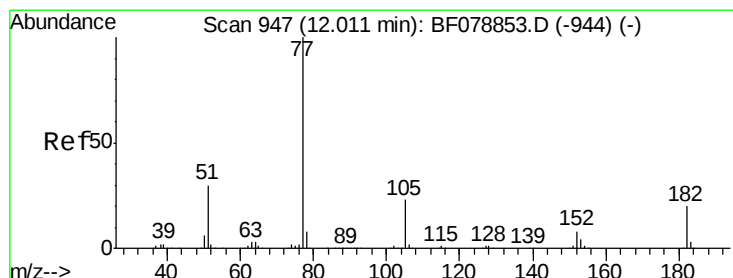
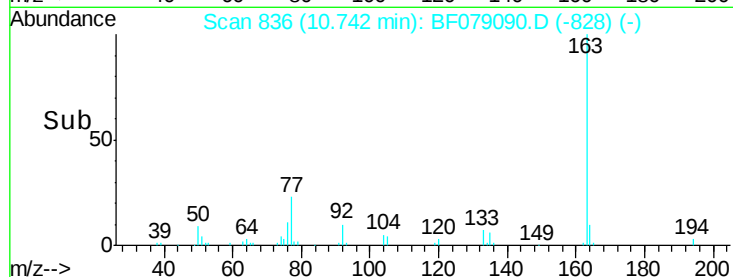
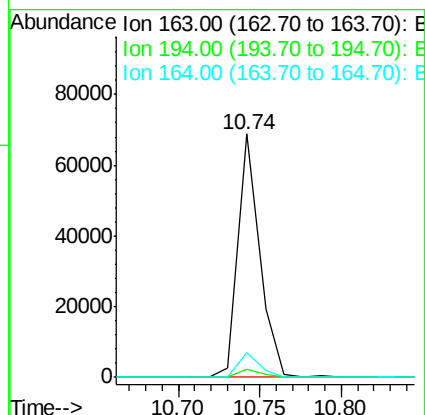
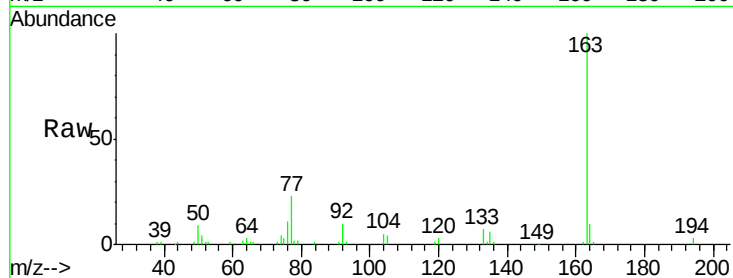




#49
Dimethylphthalate
Concen: 5.03 ng
RT: 10.74 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF079090.D
Acq: 9 May 2015 19:56

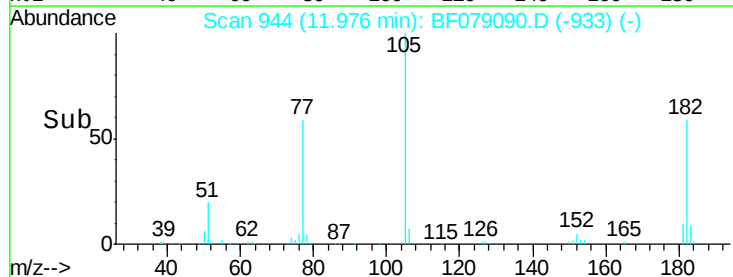
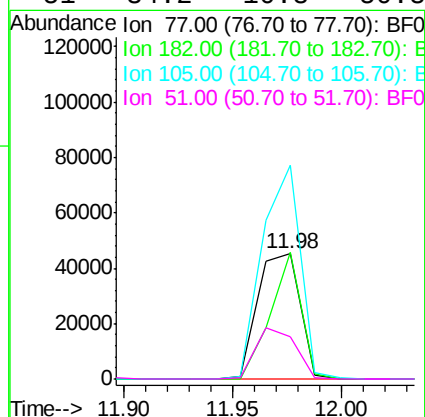
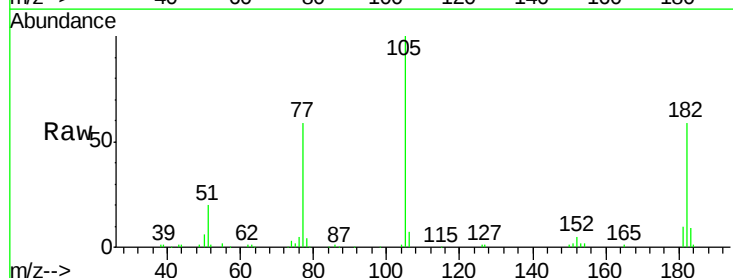
Instrument :
BNA_F
ClientSampleId :
B5-5-7

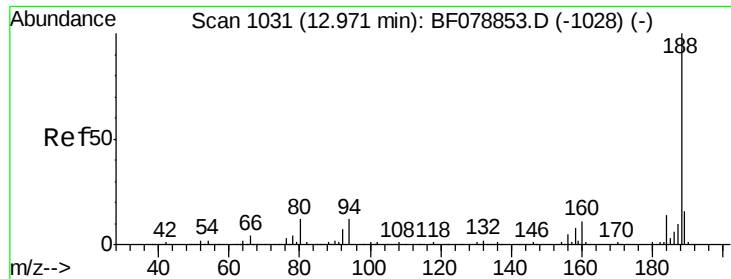
Tgt Ion: 163 Resp: 63182
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.3 8.1 12.1



#62
Azobenzene
Concen: 5.04 ng
RT: 11.98 min Scan# 944
Delta R.T. 0.02 min
Lab File: BF079090.D
Acq: 9 May 2015 19:56

Tgt Ion: 77 Resp: 61866
Ion Ratio Lower Upper
77 100
182 100.9 3.8 43.8#
105 170.3 3.9 43.9#
51 34.2 10.8 50.8

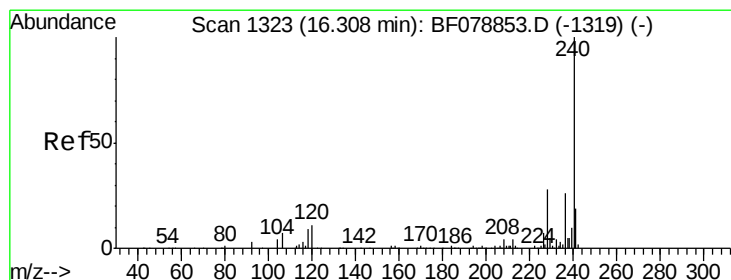
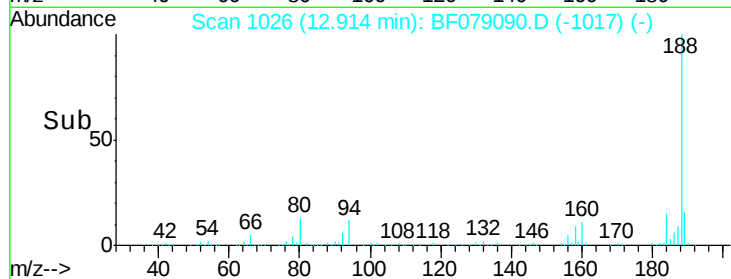
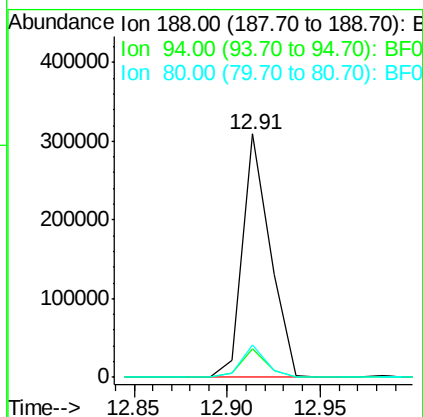
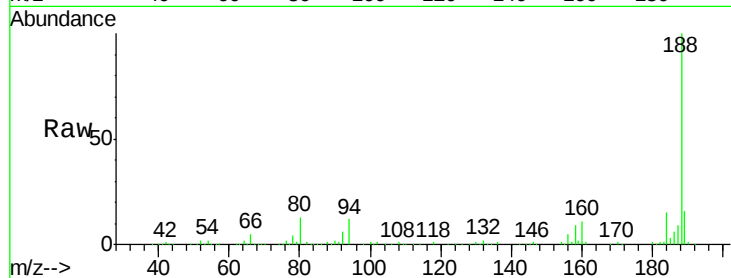




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.91 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF079090.D
Acq: 9 May 2015 19:56

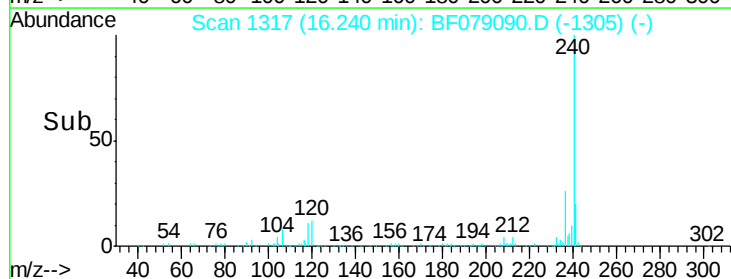
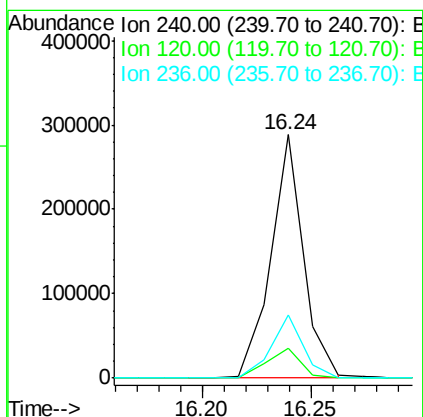
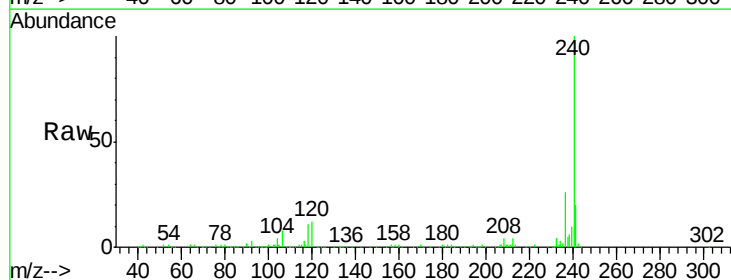
Instrument :
BNA_F
ClientSampleId :
B5-5-7

Tgt Ion:188 Resp: 318639
Ion Ratio Lower Upper
188 100
94 11.7 8.2 12.2
80 13.2 8.9 13.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.24 min Scan# 1317
Delta R.T. 0.03 min
Lab File: BF079090.D
Acq: 9 May 2015 19:56

Tgt Ion:240 Resp: 302690
Ion Ratio Lower Upper
240 100
120 12.1 9.7 14.5
236 25.8 20.2 30.4

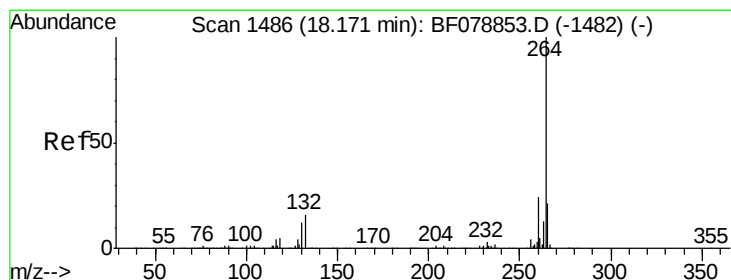
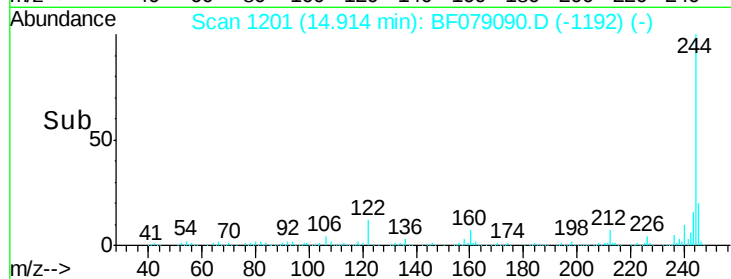
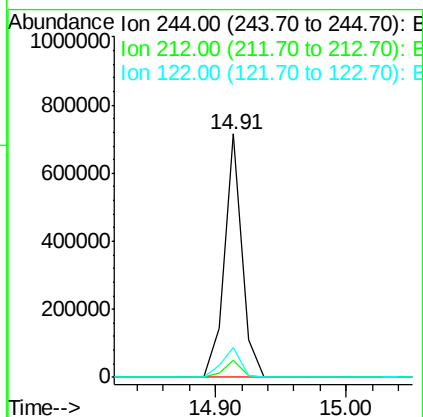
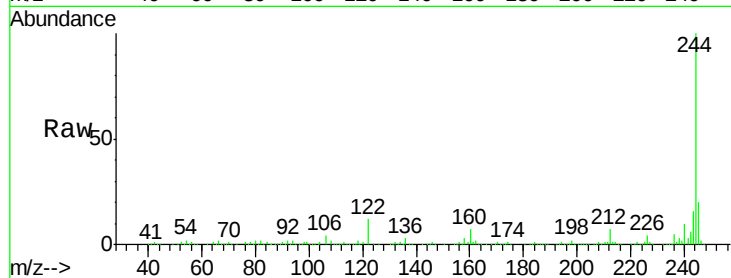




#78
 Terphenyl-d14
 Concen: 52.96 ng
 RT: 14.91 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF079090.D
 Acq: 9 May 2015 19:56

Instrument :
 BNA_F
 ClientSampleId :
 B5-5-7

Tgt Ion:244 Resp: 669543
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 12.2 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.09 min Scan# 1479
 Delta R.T. 0.17 min
 Lab File: BF079090.D
 Acq: 9 May 2015 19:56

Tgt Ion:264 Resp: 295787
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 21.8 18.3 27.5

