

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050815\
 Data File : BF079069.D
 Acq On : 9 May 2015 8:04
 Operator : TP/IZ
 Sample : G2152-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-13-5.0

Quant Time: May 11 00:59:23 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 00:37:37 2015
 Response via : Initial Calibration

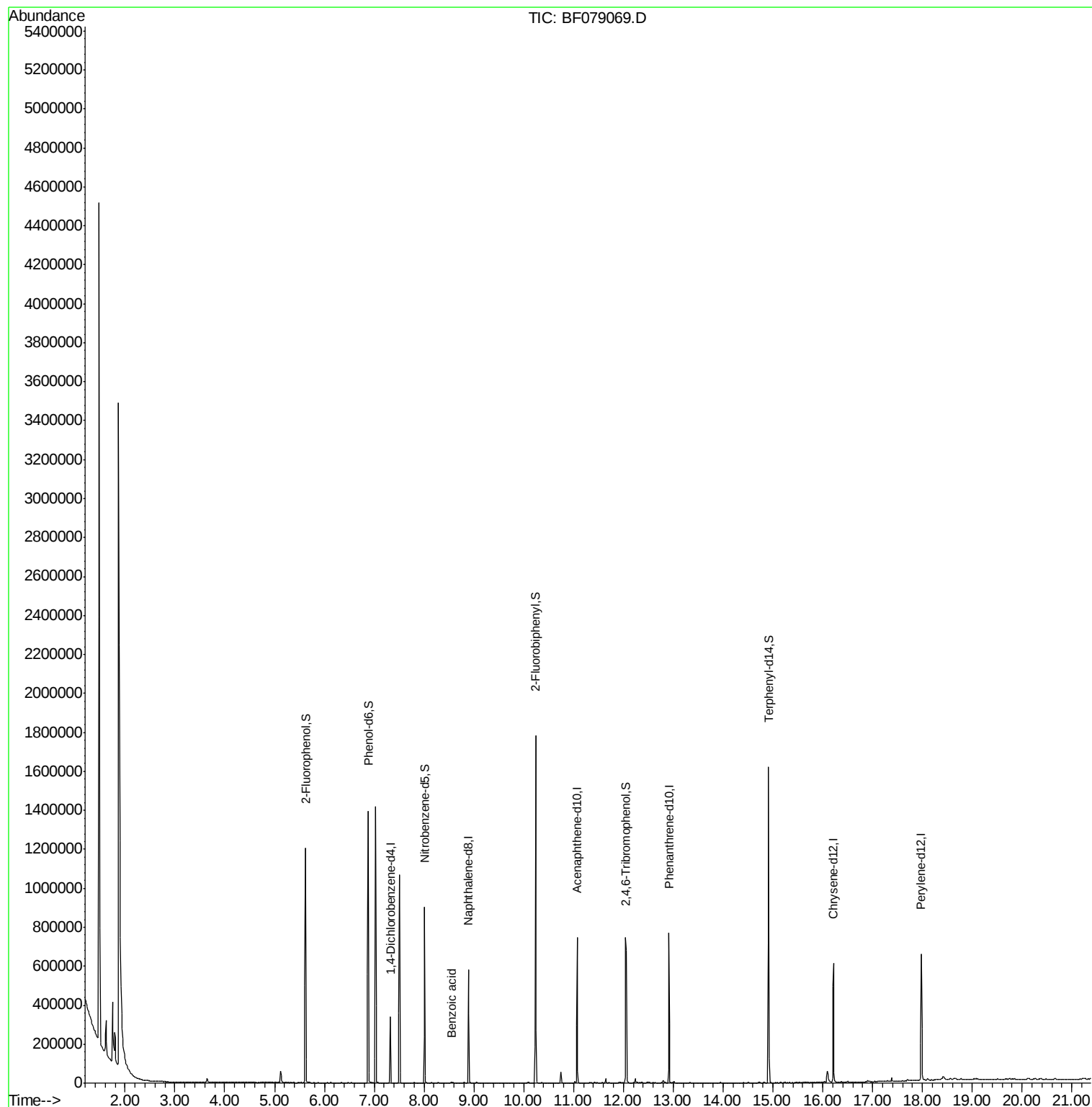
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	77681	20.00	ng	0.00
21) Naphthalene-d8	8.89	136	327800	20.00	ng	-0.01
38) Acenaphthene-d10	11.07	164	165763	20.00	ng	0.00
63) Phenanthrene-d10	12.91	188	312592	20.00	ng	0.00
75) Chrysene-d12	16.22	240	306251	20.00	ng	0.00
86) Perylene-d12	17.98	264	301135	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	375096	83.12	ng	0.00
7) Phenol-d6	6.88	99	524069	87.86	ng	0.00
23) Nitrobenzene-d5	8.01	82	282582	49.54	ng	0.00
41) 2,4,6-Tribromophenol	12.06	330	137395	76.62	ng	0.00
44) 2-Fluorobiphenyl	10.24	172	531128	44.64	ng	0.00
78) Terphenyl-d14	14.91	244	603031	47.14	ng	0.00
Target Compounds						
32) Benzoic acid	8.55	122	318	6.41	ng	Qvalue 92

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.32 min Scan# 537

Delta R.T. -0.00 min

Lab File: BF079069.D

Acq: 9 May 2015 8:04

Instrument :

BNA_F

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TU021-SB-13-5.0

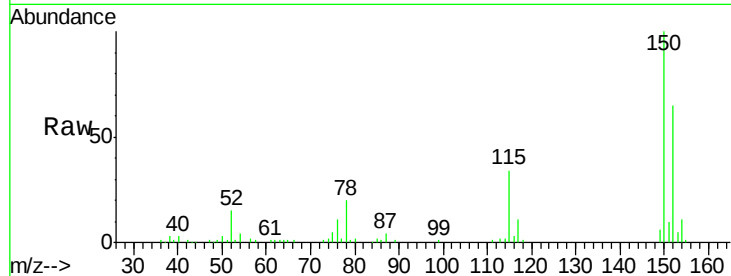
Tgt Ion:152 Resp: 77681

Ion Ratio Lower Upper

152 100

150 153.4 122.0 183.0

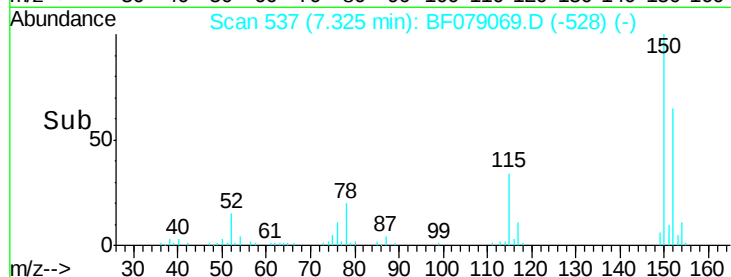
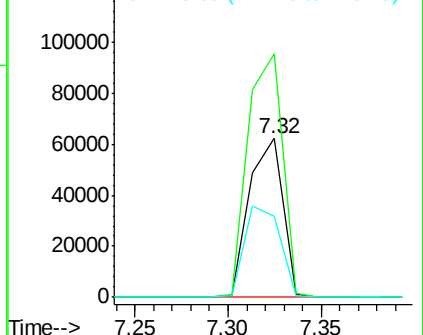
115 51.4 46.3 69.5



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: 83.12 ng

RT: 5.62 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF079069.D

Acq: 9 May 2015 8:04

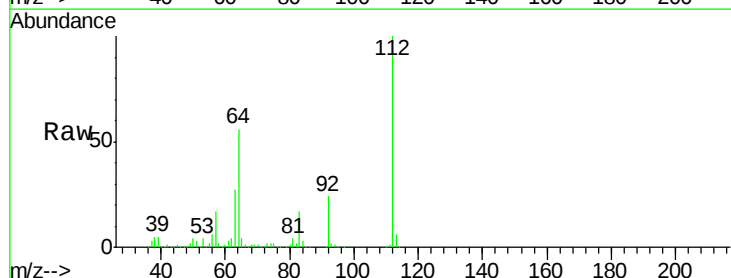
Tgt Ion:112 Resp: 375096

Ion Ratio Lower Upper

112 100

64 56.0 53.5 80.3

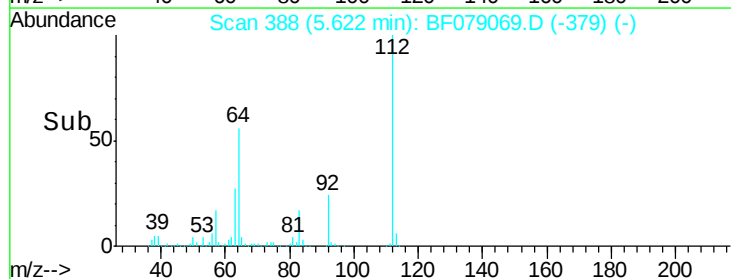
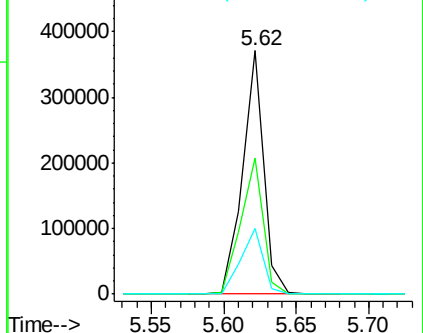
63 27.0 27.5 41.3#



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: 87.86 ng

RT: 6.88 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF079069.D

Acq: 9 May 2015 8:04

Instrument :

BNA_F

ClientSampleId :

TU021-SB-13-5.0

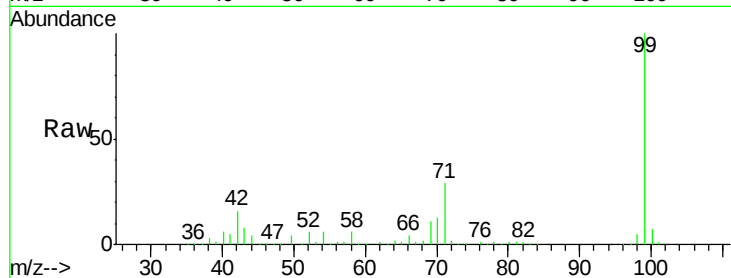
Tgt Ion: 99 Resp: 524069

Ion Ratio Lower Upper

99 100

42 15.7 12.8 19.2

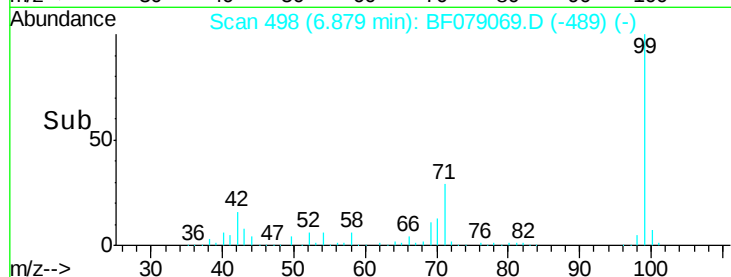
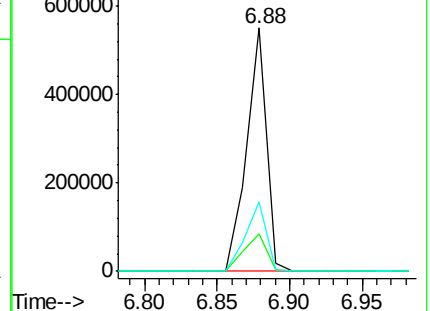
71 28.6 23.4 35.2



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: 8.89 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF079069.D

Acq: 9 May 2015 8:04

Tgt Ion: 136 Resp: 327800

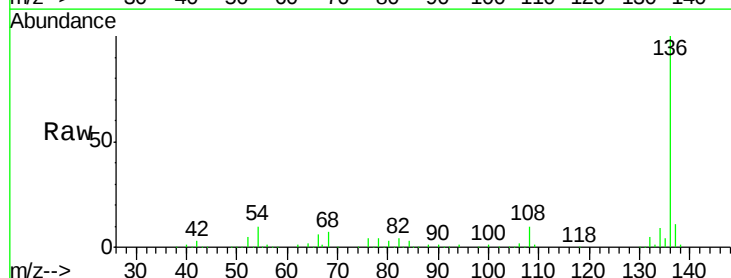
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 9.9 5.8 8.8#

68 7.1 4.2 6.4#

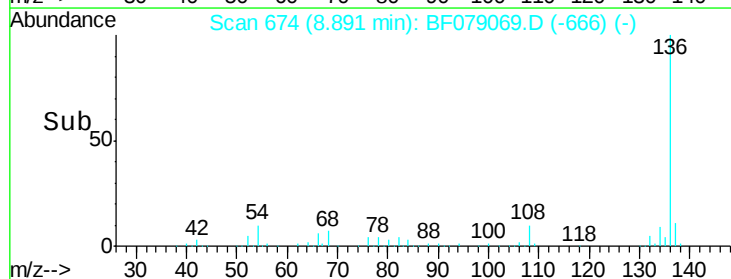
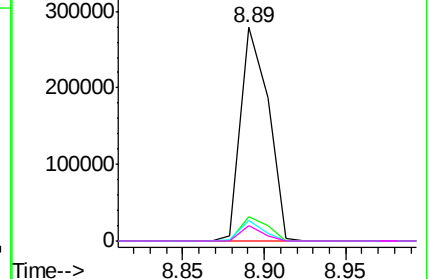


Abundance Ion 136.00 (135.70 to 136.70): E

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

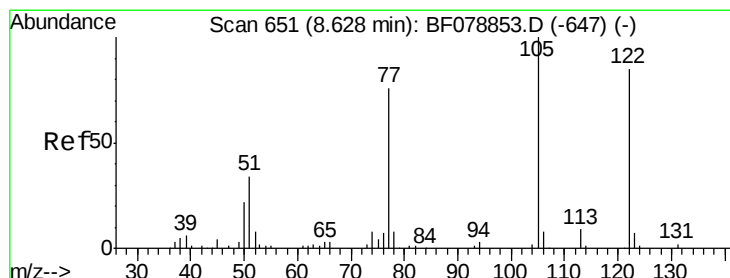
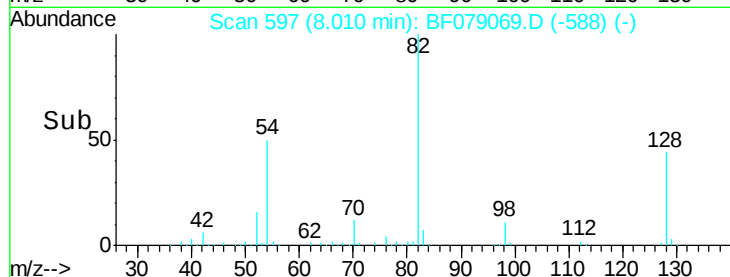
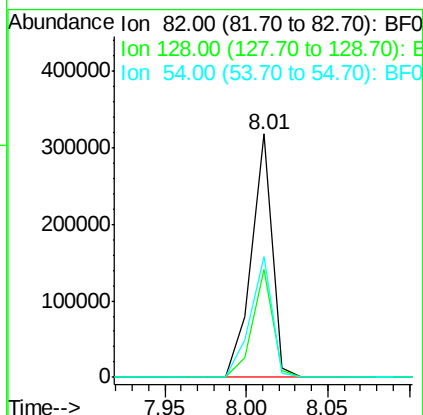
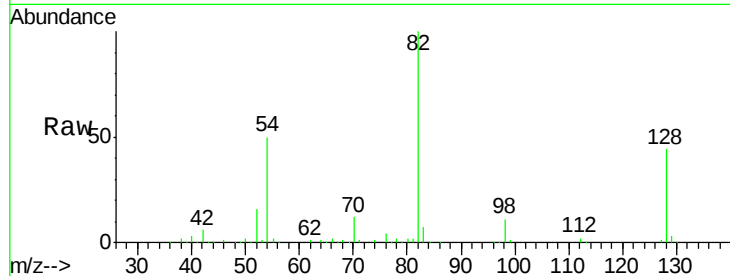




#23
 Nitrobenzene-d5
 Concen: 49.54 ng
 RT: 8.01 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF079069.D
 Acq: 9 May 2015 8:04

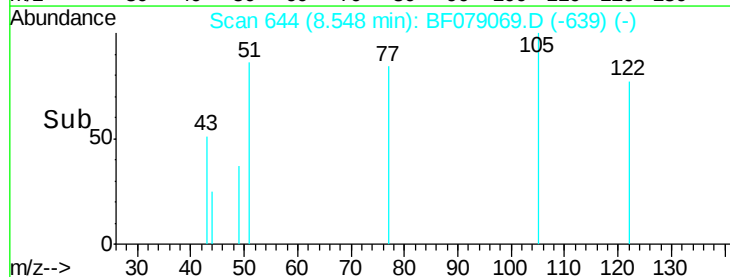
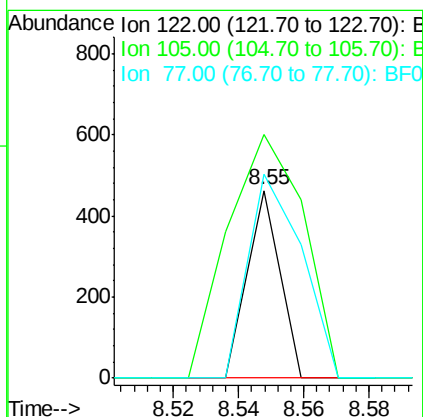
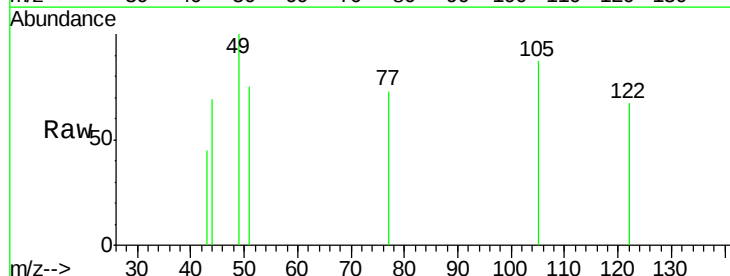
Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-13-5.0

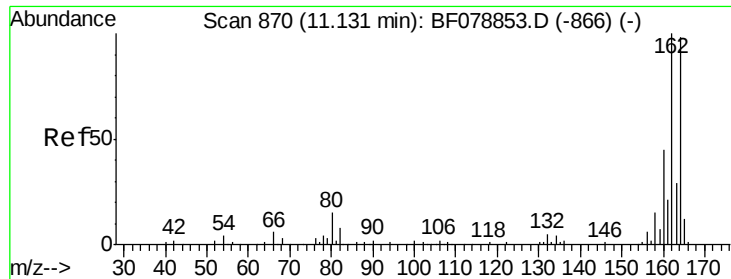
Tgt Ion: 82 Resp: 282582
 Ion Ratio Lower Upper
 82 100
 128 44.3 30.0 45.0
 54 49.6 46.4 69.6



#32
 Benzoic acid
 Concen: 6.41 ng
 RT: 8.55 min Scan# 644
 Delta R.T. -0.05 min
 Lab File: BF079069.D
 Acq: 9 May 2015 8:04

Tgt Ion: 122 Resp: 318
 Ion Ratio Lower Upper
 122 100
 105 129.8 107.1 147.1
 77 108.9 73.9 113.9

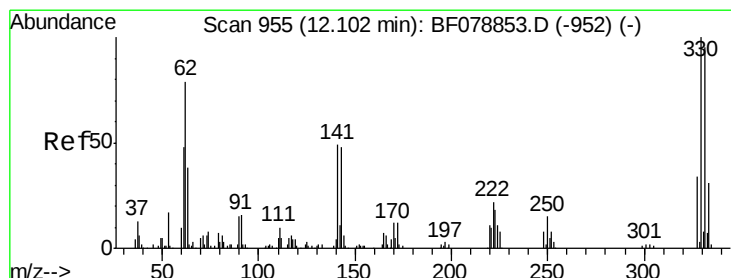
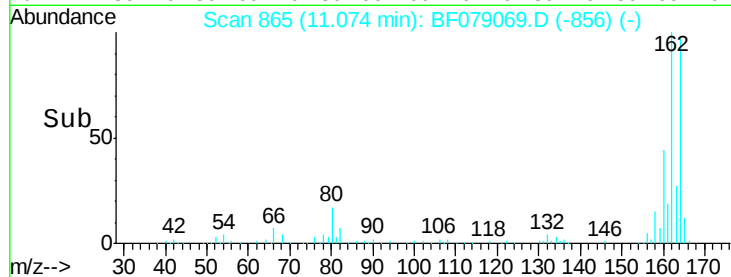
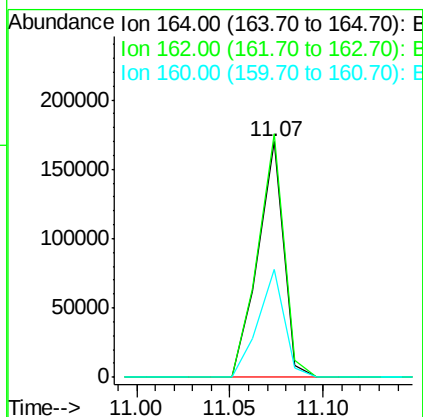
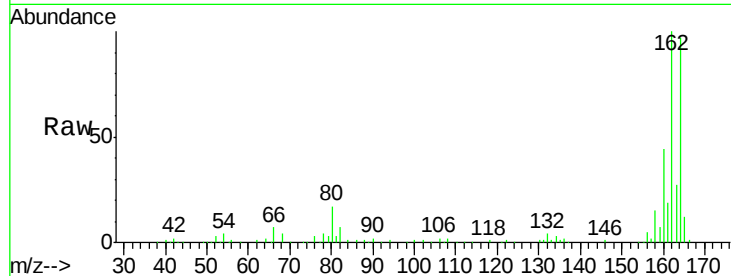




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: BF079069.D
 Acq: 9 May 2015 8:04

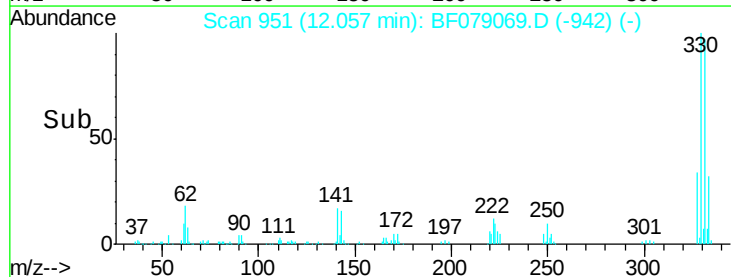
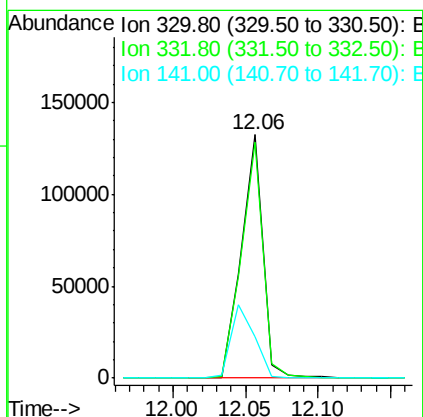
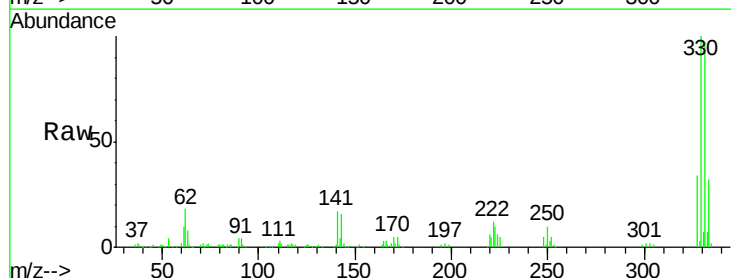
Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-13-5.0

Tgt Ion:164 Resp: 165763
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.7 124.1
 160 45.8 35.8 53.8



#41
 2,4,6-Tribromophenol
 Concen: 76.62 ng
 RT: 12.06 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF079069.D
 Acq: 9 May 2015 8:04

Tgt Ion:330 Resp: 137395
 Ion Ratio Lower Upper
 330 100
 332 97.4 0.0 0.0#
 141 32.8 0.0 0.0#

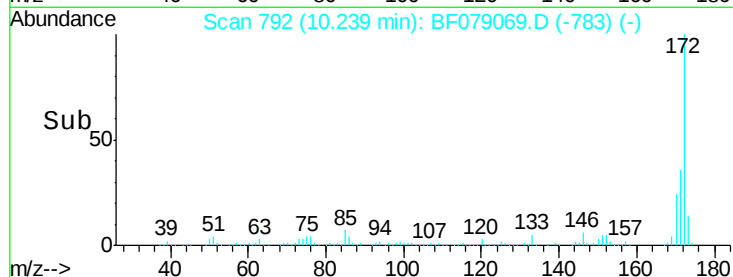
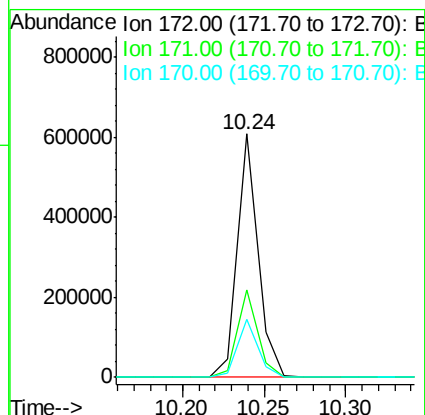
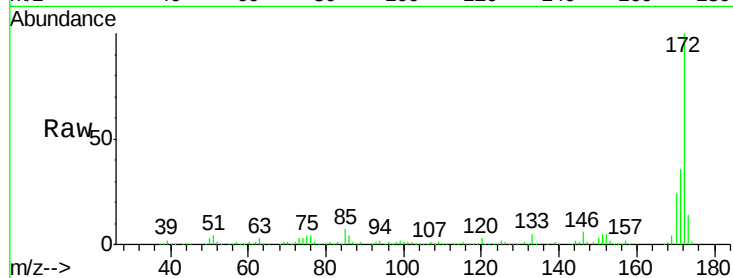




#44
 2-Fluorobiphenyl
 Concen: 44.64 ng
 RT: 10.24 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF079069.D
 Acq: 9 May 2015 8:04

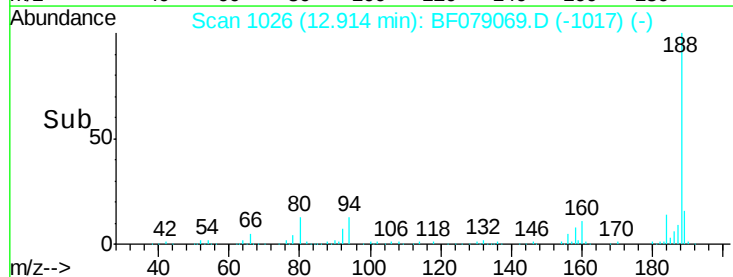
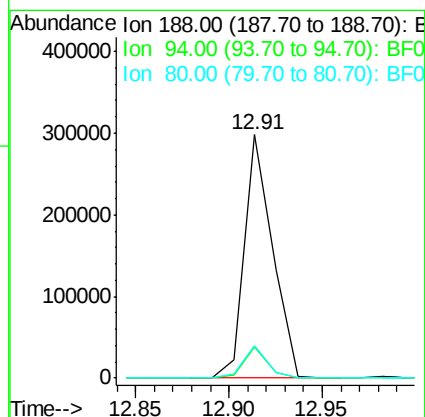
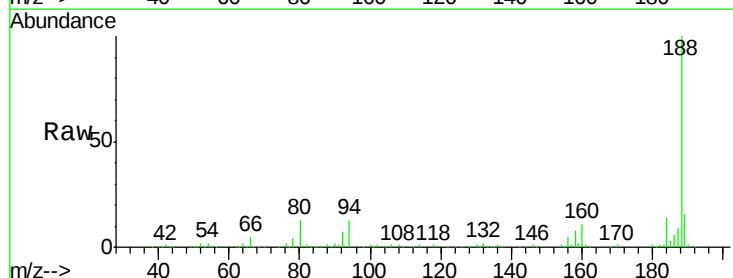
Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-13-5.0

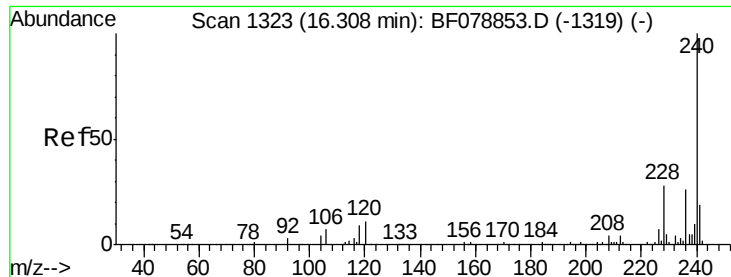
Tgt Ion:172 Resp: 531128
 Ion Ratio Lower Upper
 172 100
 171 35.8 27.9 41.9
 170 24.0 19.4 29.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.91 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BF079069.D
 Acq: 9 May 2015 8:04

Tgt Ion:188 Resp: 312592
 Ion Ratio Lower Upper
 188 100
 94 12.6 8.2 12.2#
 80 13.3 8.9 13.3

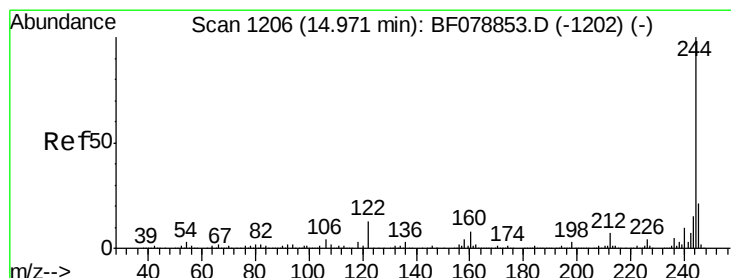
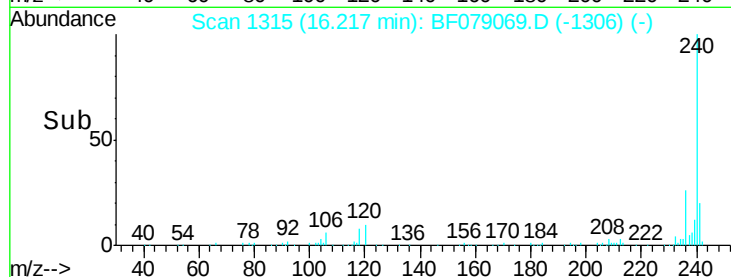
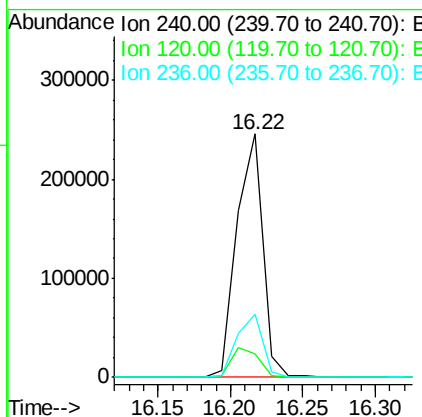
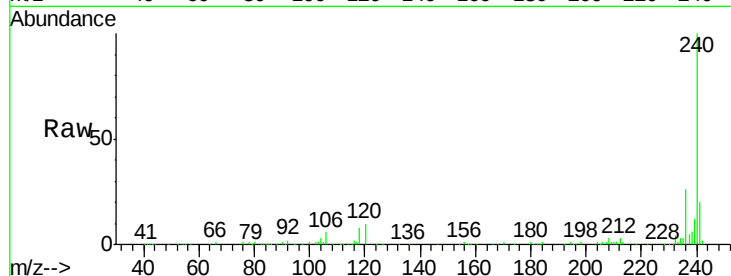




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.22 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: BF079069.D
 Acq: 9 May 2015 8:04

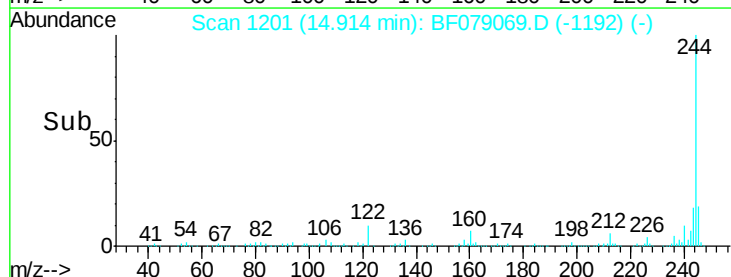
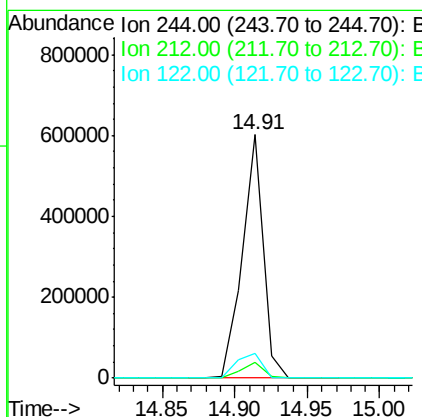
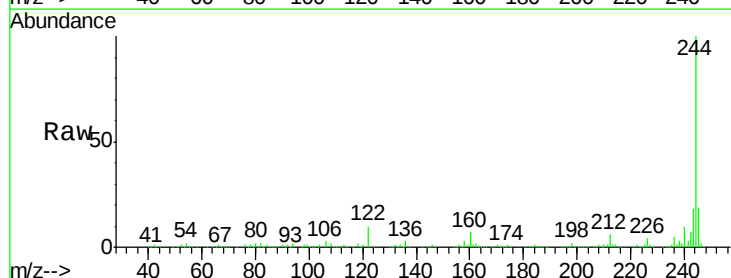
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 TU021-SB-13-5.0

Tgt Ion:240 Resp: 306251
 Ion Ratio Lower Upper
 240 100
 120 9.5 9.7 14.5#
 236 25.9 20.2 30.4



#78
 Terphenyl-d14
 Concen: 47.14 ng
 RT: 14.91 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF079069.D
 Acq: 9 May 2015 8:04

Tgt Ion:244 Resp: 603031
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 10.4 10.3 15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.98 min Scan# 1469
Delta R.T. 0.05 min
Lab File: BF079069.D
Acq: 9 May 2015 8:04

Instrument :
BNA_F
ClientSampleId :
TU021-SB-13-5.0

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.7	18.3	27.5

