

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
 Data File : BF079081.D
 Acq On : 9 May 2015 13:45
 Operator : TP/IZ
 Sample : G2151-16
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-09-7.0

Quant Time: May 11 01:02:55 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

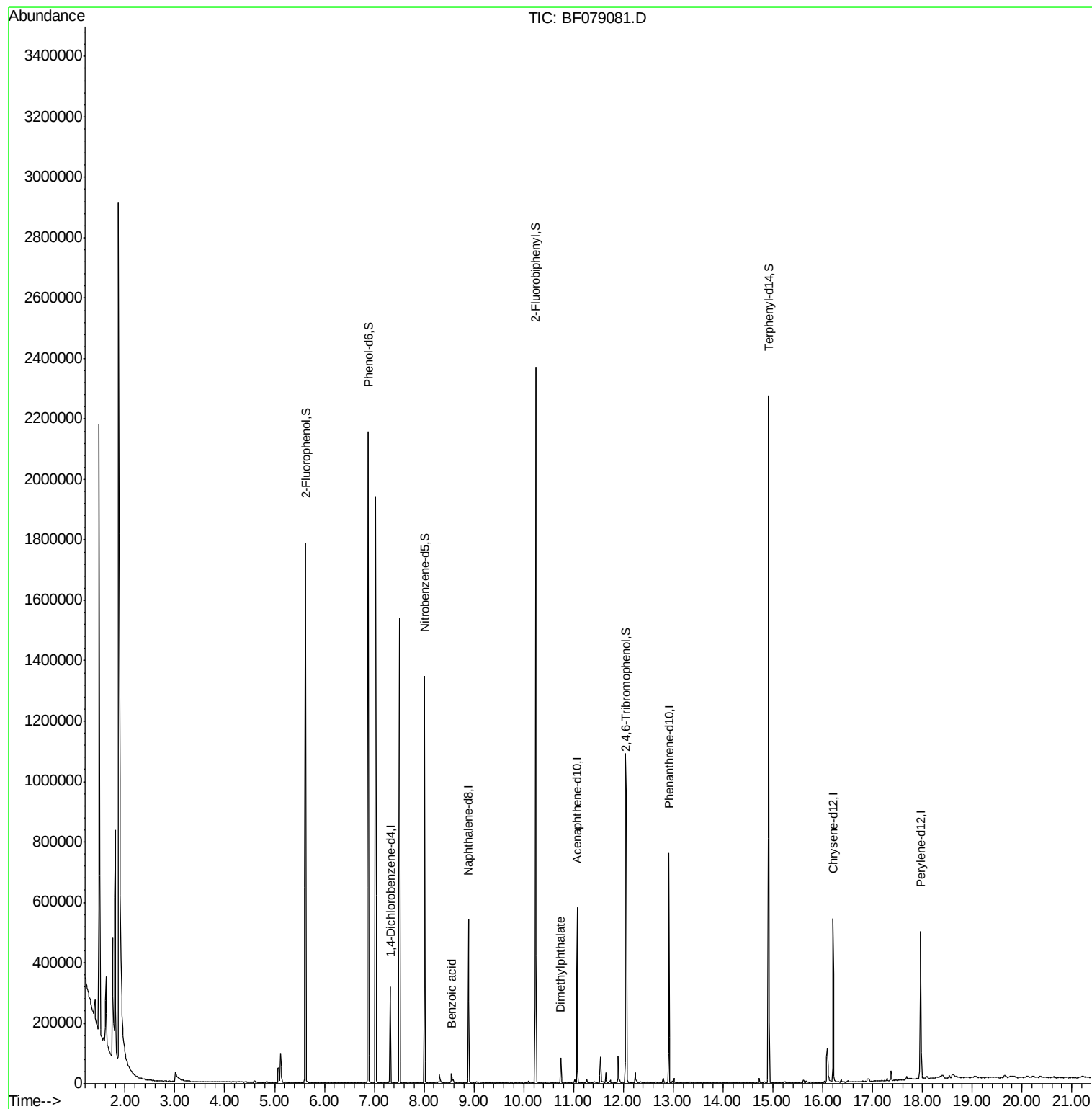
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	68420	20.00	ng	0.00
21) Naphthalene-d8	8.89	136	282618	20.00	ng	-0.01
38) Acenaphthene-d10	11.07	164	138943	20.00	ng	0.00
63) Phenanthrene-d10	12.91	188	279232	20.00	ng	0.00
75) Chrysene-d12	16.21	240	249785	20.00	ng	-0.01
86) Perylene-d12	17.97	264	242533	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	539048	135.62	ng	0.00
7) Phenol-d6	6.88	99	747140	142.21	ng	0.00
23) Nitrobenzene-d5	8.01	82	412989	83.98	ng	0.00
41) 2,4,6-Tribromophenol	12.06	330	202320	134.60	ng	0.00
44) 2-Fluorobiphenyl	10.24	172	719480	72.14	ng	0.00
78) Terphenyl-d14	14.91	244	789705	75.69	ng	0.00
Target Compounds						
32) Benzoic acid	8.55	122	11158	10.14	ng	96
49) Dimethylphthalate	10.74	163	34214	3.36	ng	98

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

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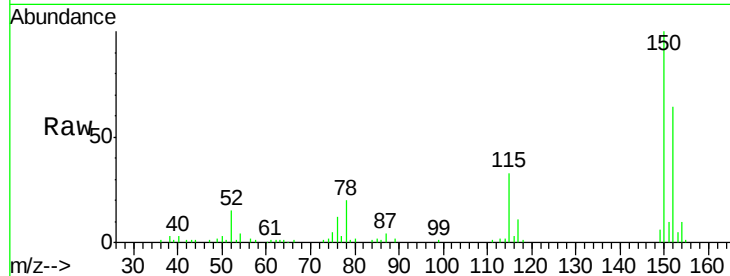




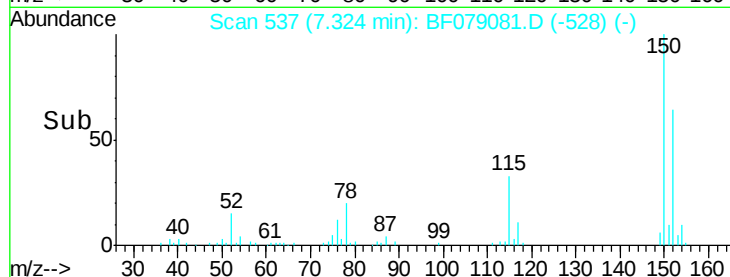
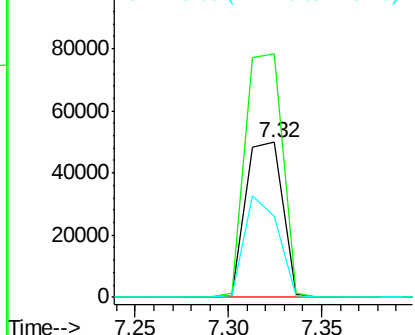
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.32 min Scan# 537
 Delta R.T. -0.00 min
 Lab File: BF079081.D
 Acq: 9 May 2015 13:45

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-09-7.0

Tot Ion:152 Resp: 68420
 Ion Ratio Lower Upper
 152 100
 150 157.3 122.0 183.0
 115 52.2 46.3 69.5

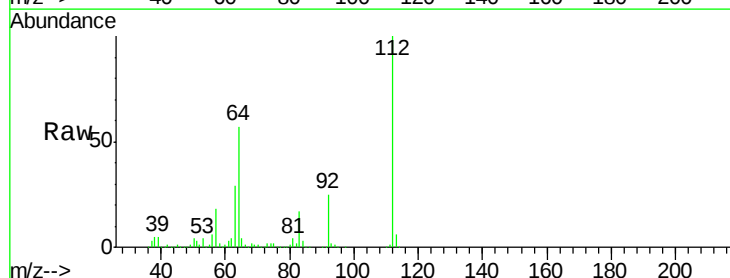


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

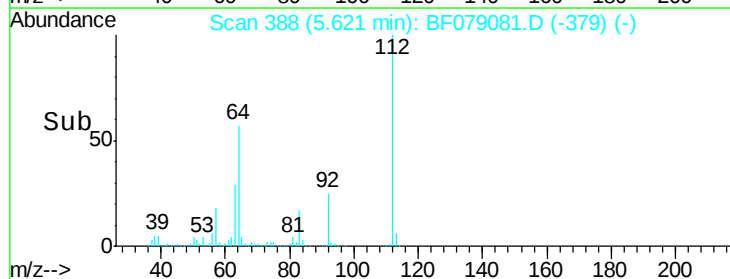
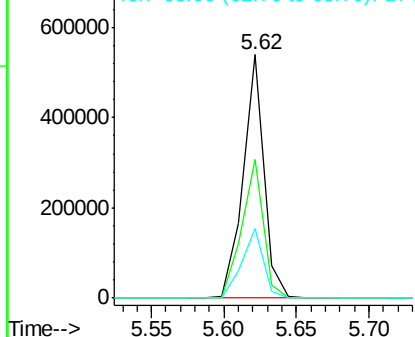


#5
 2-Fluorophenol
 Concen: 135.62 ng
 RT: 5.62 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: BF079081.D
 Acq: 9 May 2015 13:45

Tgt Ion:112 Resp: 539048
 Ion Ratio Lower Upper
 112 100
 64 56.9 53.5 80.3
 63 28.6 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: 142.21 ng

RT: 6.88 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF079081.D

Acq: 9 May 2015 13:45

Instrument :

BNA_F

ClientSampleId :

TU021-SB-09-7.0

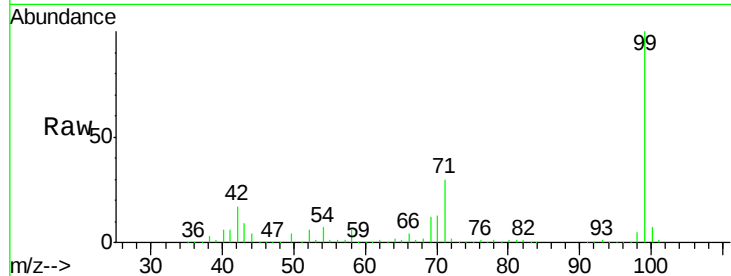
Tot Ion: 99 Resp: 747140

Ion Ratio Lower Upper

99 100

42 16.9 12.8 19.2

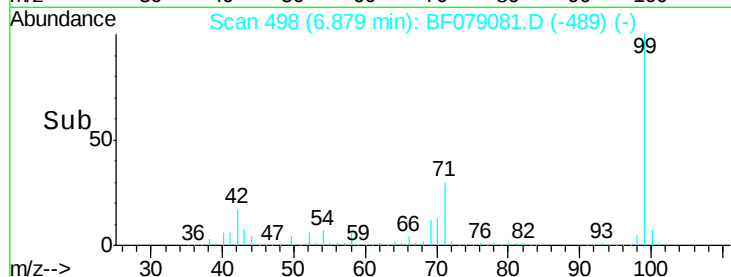
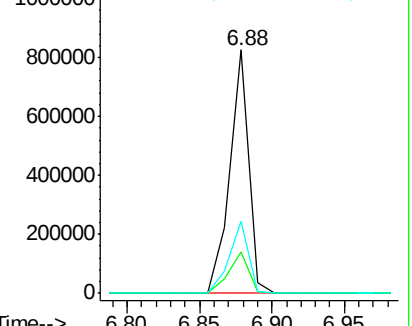
71 29.6 23.4 35.2



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: 8.89 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF079081.D

Acq: 9 May 2015 13:45

Tgt Ion: 136 Resp: 282618

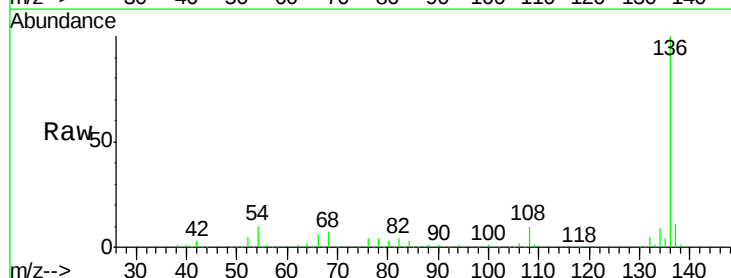
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 9.7 5.8 8.8#

68 7.4 4.2 6.4#

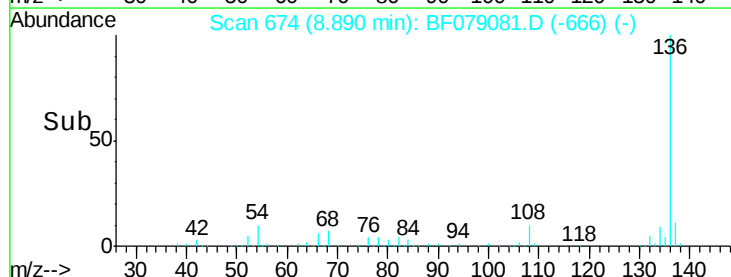
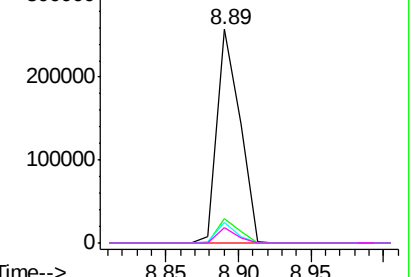


Abundance Ion 136.00 (135.70 to 136.70): BF078853.D (-676) (-)

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) (-)

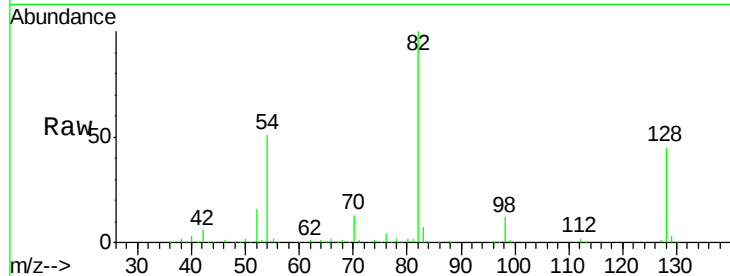




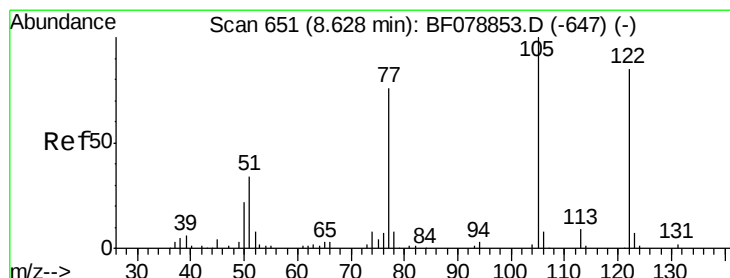
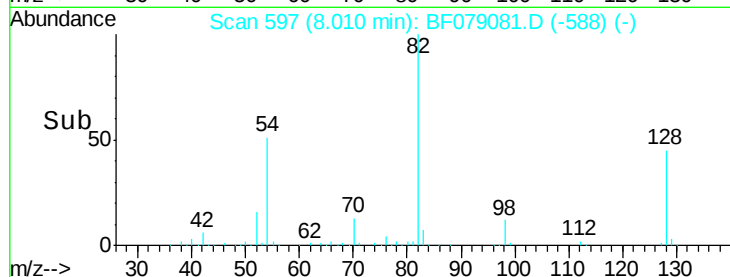
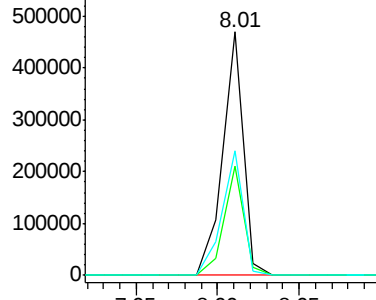
#23
Nitrobenzene-d5
Concen: 83.98 ng
RT: 8.01 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF079081.D
Acq: 9 May 2015 13:45

Instrument :
BNA_F
ClientSampleId :
TU021-SB-09-7.0

Tot Ion: 82 Resp: 412989
Ion Ratio Lower Upper
82 100
128 44.8 30.0 45.0
54 51.3 46.4 69.6

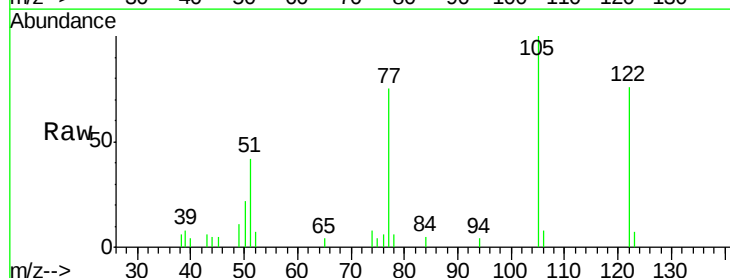


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

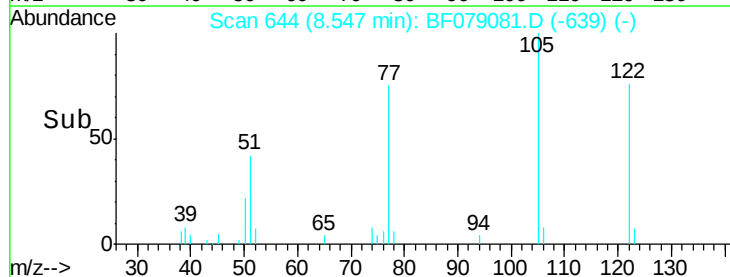
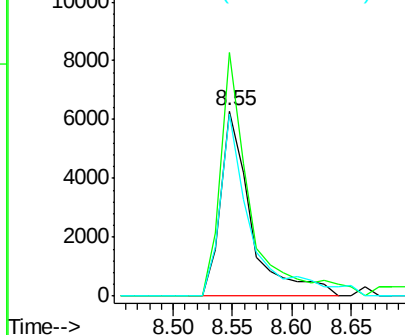


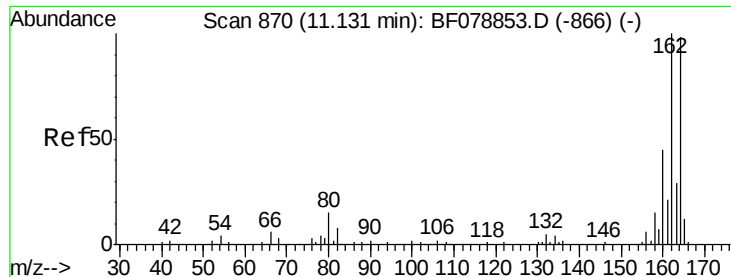
#32
Benzoic acid
Concen: 10.14 ng
RT: 8.55 min Scan# 644
Delta R.T. -0.05 min
Lab File: BF079081.D
Acq: 9 May 2015 13:45

Tgt Ion:122 Resp: 11158
Ion Ratio Lower Upper
122 100
105 131.7 107.1 147.1
77 98.7 73.9 113.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

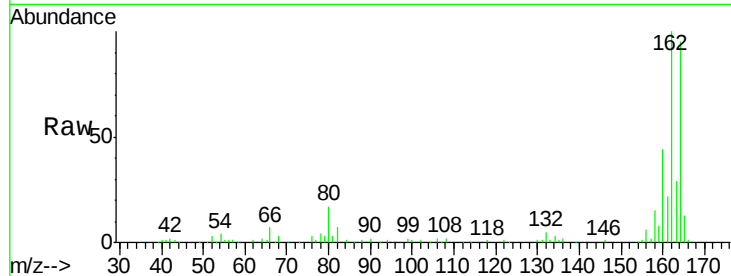




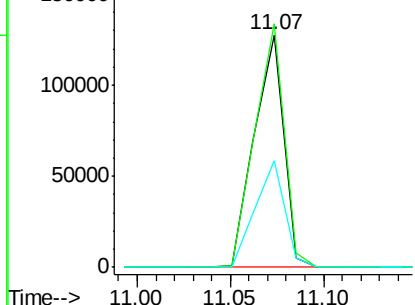
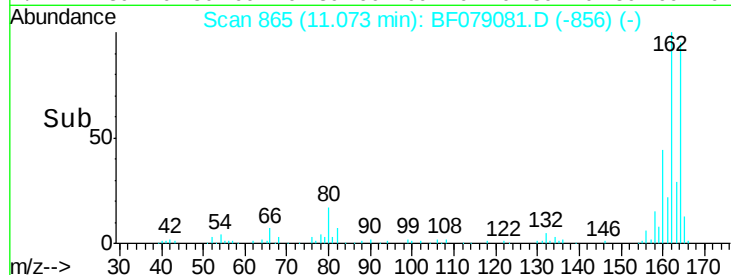
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: BF079081.D
 Acq: 9 May 2015 13:45

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-09-7.0

Tot Ion:164 Resp: 138943
 Ion Ratio Lower Upper
 164 100
 162 104.7 82.7 124.1
 160 45.9 35.8 53.8

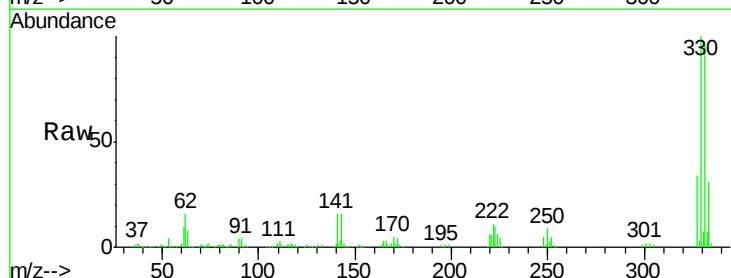


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

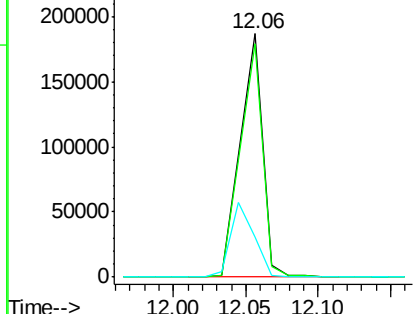
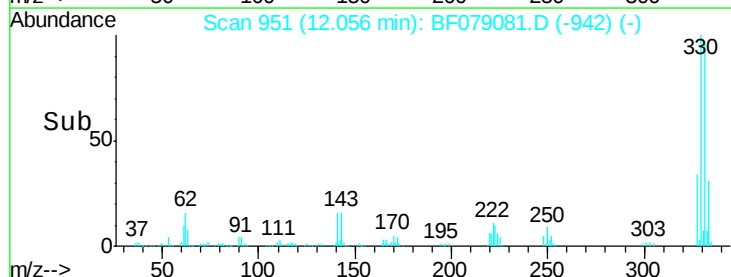


#41
 2,4,6-Tribromophenol
 Concen: 134.60 ng
 RT: 12.06 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF079081.D
 Acq: 9 May 2015 13:45

Tgt Ion:330 Resp: 202320
 Ion Ratio Lower Upper
 330 100
 332 95.9 0.0 0.0#
 141 31.8 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

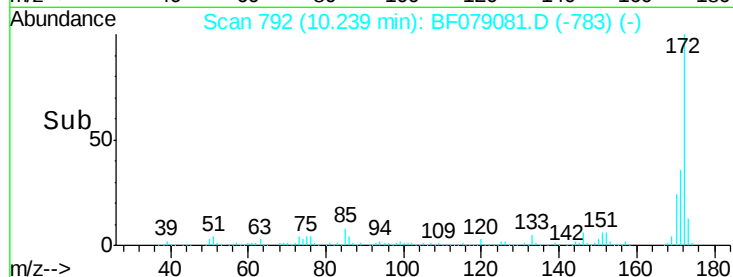
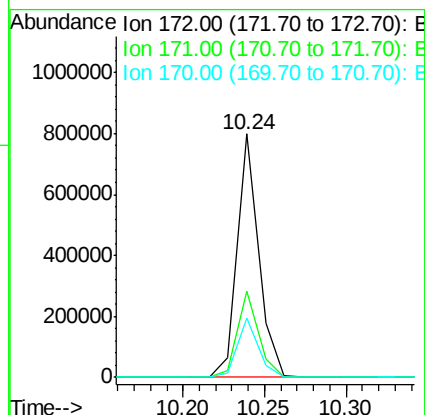
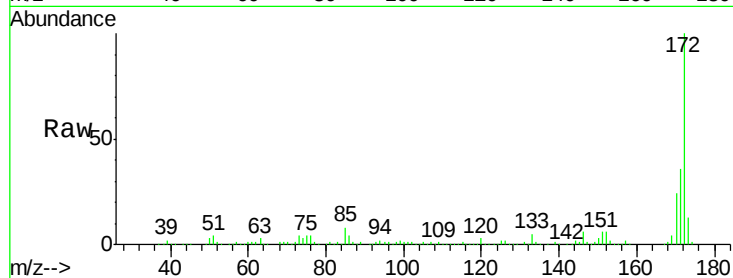




#44
2-Fluorobiphenyl
Concen: 72.14 ng
RT: 10.24 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF079081.D
Acq: 9 May 2015 13:45

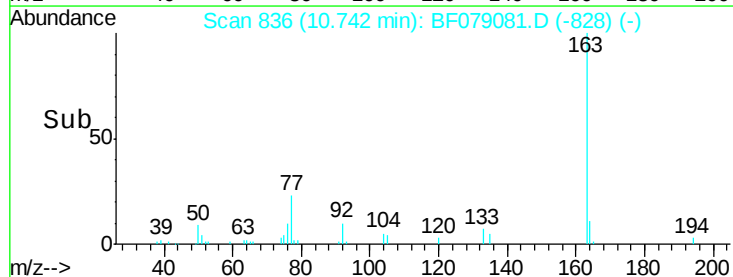
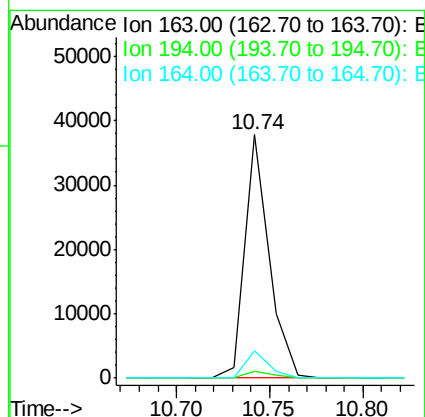
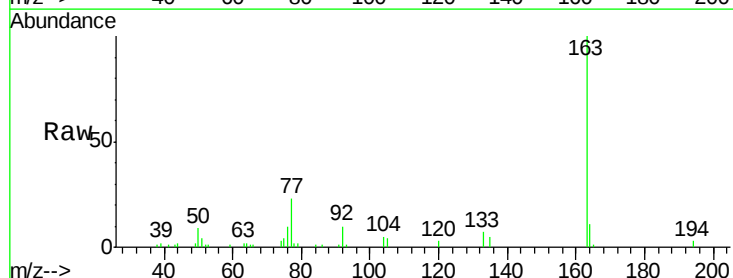
Instrument :
BNA_F
ClientSampleId :
TU021-SB-09-7.0

Tot Ion:172 Resp: 719480
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 24.4 19.4 29.0



#49
Dimethylphthalate
Concen: 3.36 ng
RT: 10.74 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF079081.D
Acq: 9 May 2015 13:45

Tgt Ion:163 Resp: 34214
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 11.2 8.1 12.1

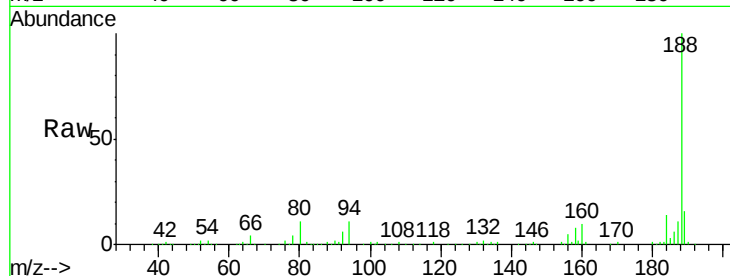




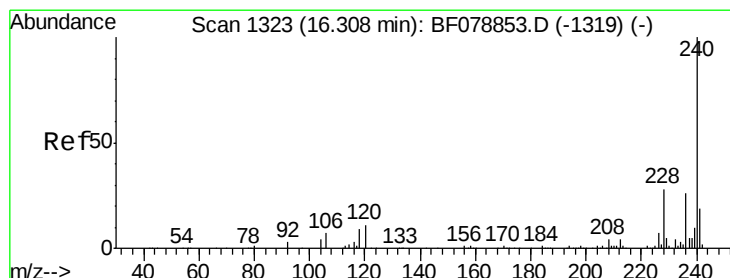
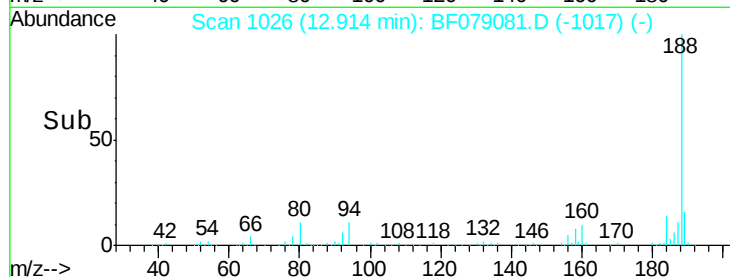
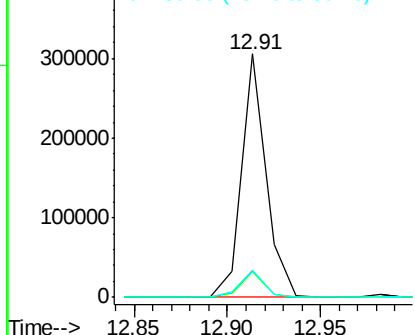
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.91 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF079081.D
Acq: 9 May 2015 13:45

Instrument :
BNA_F
ClientSampleId :
TU021-SB-09-7.0

Tot Ion:188 Resp: 279232
Ion Ratio Lower Upper
188 100
94 10.8 8.2 12.2
80 11.4 8.9 13.3

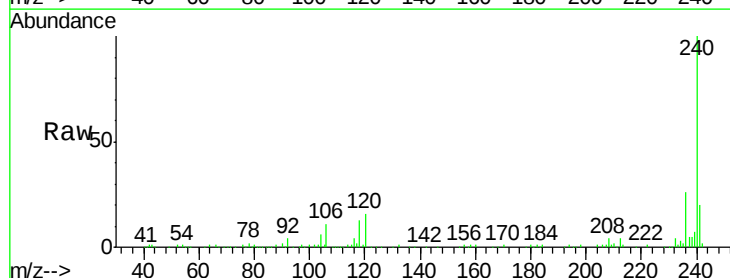


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

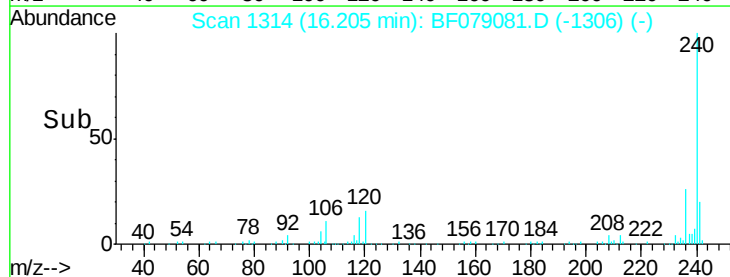
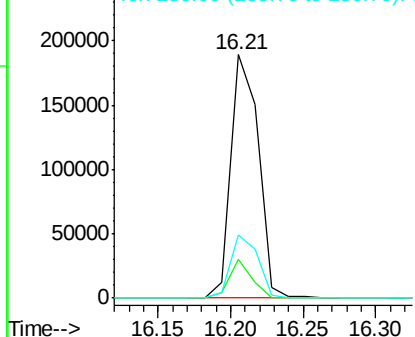


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.21 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF079081.D
Acq: 9 May 2015 13:45

Tgt Ion:240 Resp: 249785
Ion Ratio Lower Upper
240 100
120 15.8 9.7 14.5#
236 26.0 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

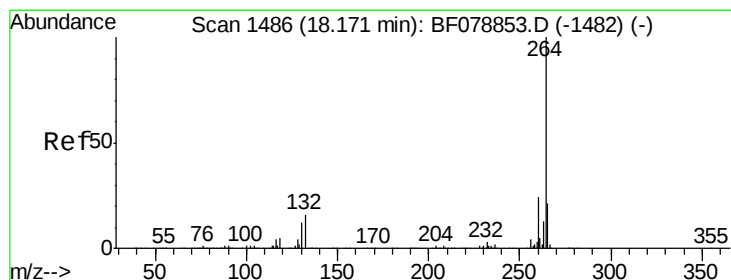
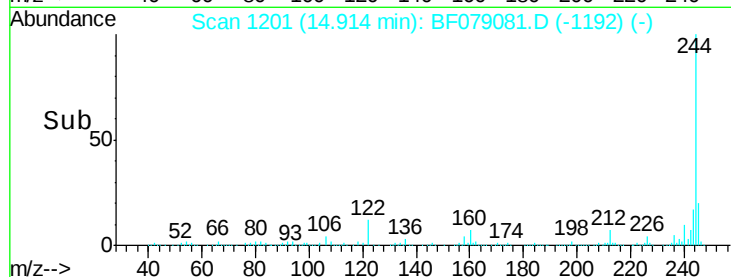
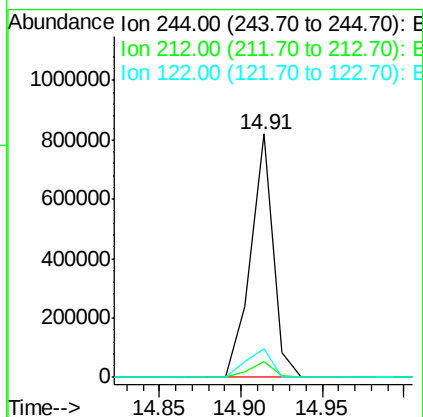
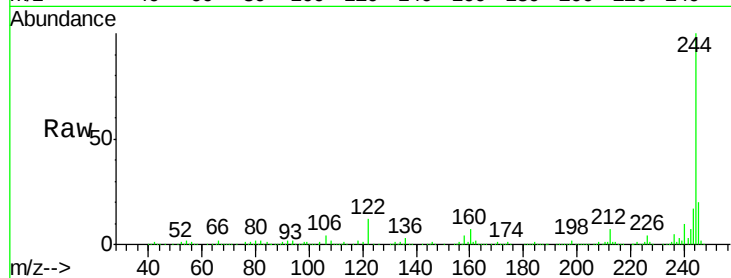




#78
 Terphenyl-d14
 Concen: 75.69 ng
 RT: 14.91 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF079081.D
 Acq: 9 May 2015 13:45

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-09-7.0

Tot Ion:244 Resp: 789705
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 11.6 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.97 min Scan# 1468
 Delta R.T. 0.03 min
 Lab File: BF079081.D
 Acq: 9 May 2015 13:45

Tgt Ion:264 Resp: 242533
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.2
 265 21.8 18.3 27.5

