

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050815\
 Data File : BF079104.D
 Acq On : 10 May 2015 2:36
 Operator : TP/IZ
 Sample : G2152-07
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-14-7.5

Quant Time: May 11 02:11:54 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

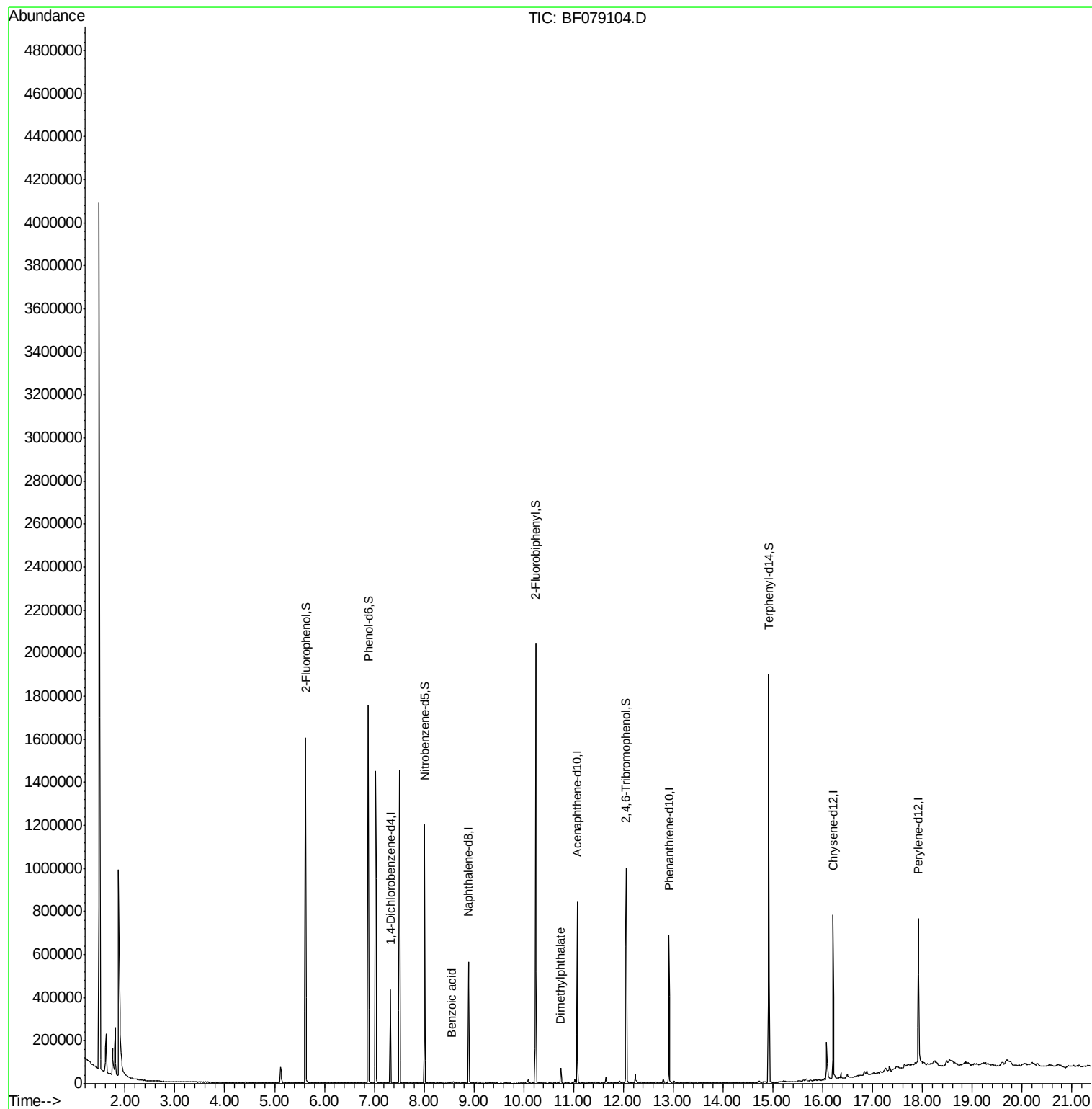
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	88749	20.00	ng	0.00
21) Naphthalene-d8	8.89	136	362976	20.00	ng	0.00
38) Acenaphthene-d10	11.07	164	175850	20.00	ng	0.00
63) Phenanthrene-d10	12.91	188	312967	20.00	ng	0.00
75) Chrysene-d12	16.21	240	308701	20.00	ng	0.00
86) Perylene-d12	17.92	264	328551	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	478907	92.89	ng	0.00
7) Phenol-d6	6.88	99	598275	87.79	ng	0.00
23) Nitrobenzene-d5	8.01	82	356252	56.41	ng	0.00
41) 2,4,6-Tribromophenol	12.06	330	160744	84.50	ng	0.00
44) 2-Fluorobiphenyl	10.24	172	640306	50.73	ng	0.00
78) Terphenyl-d14	14.91	244	658833	51.10	ng	0.00
Target Compounds						
32) Benzoic acid	8.56	122	1453	6.70	ng	92
49) Dimethylphthalate	10.74	163	29242	2.27	ng	99

(#) = 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: BF079104.D

Acq: 10 May 2015 2:36

Instrument :

BNA_F

ClientSampleId :

TU021-SB-14-7.5

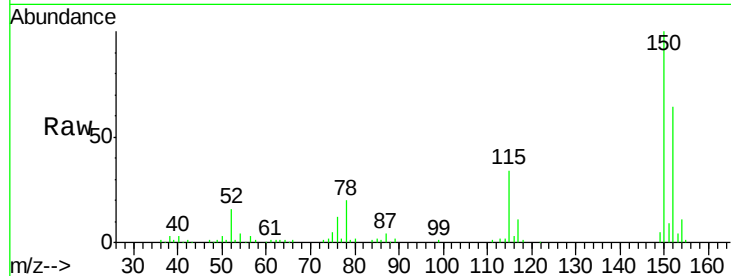
Tgt Ion:152 Resp: 88749

Ion Ratio Lower Upper

152 100

150 155.5 122.0 183.0

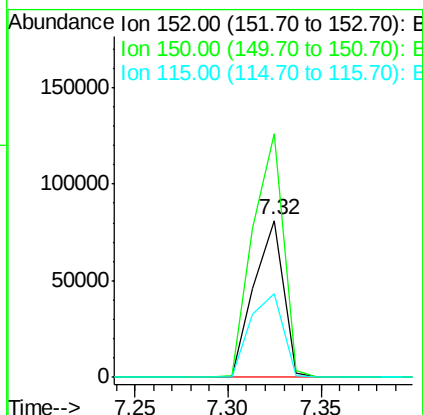
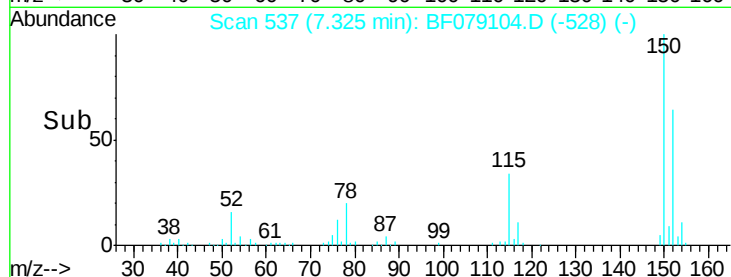
115 53.2 46.3 69.5



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: 92.89 ng

RT: 5.62 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF079104.D

Acq: 10 May 2015 2:36

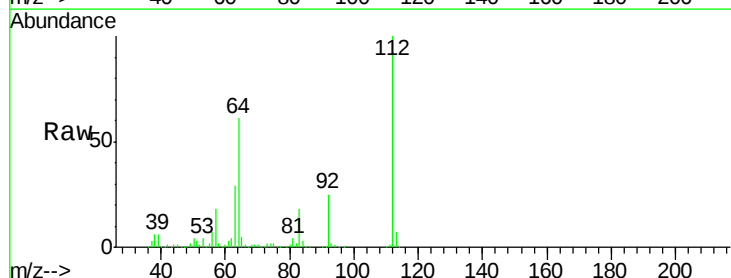
Tgt Ion:112 Resp: 478907

Ion Ratio Lower Upper

112 100

64 60.7 53.5 80.3

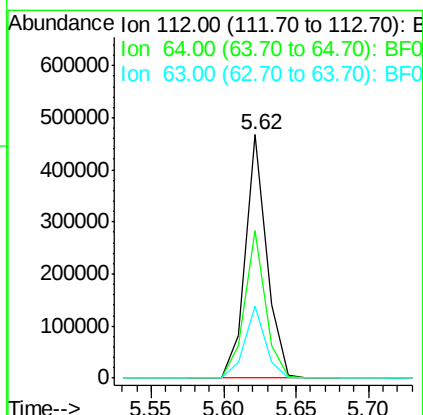
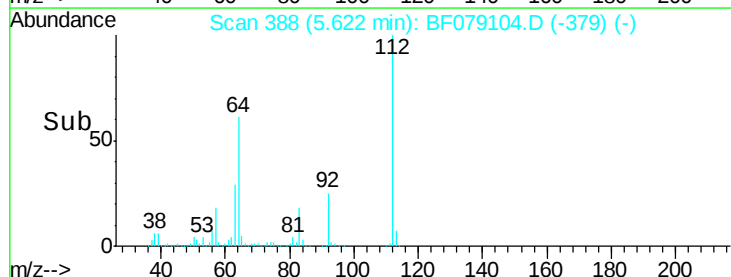
63 29.5 27.5 41.3

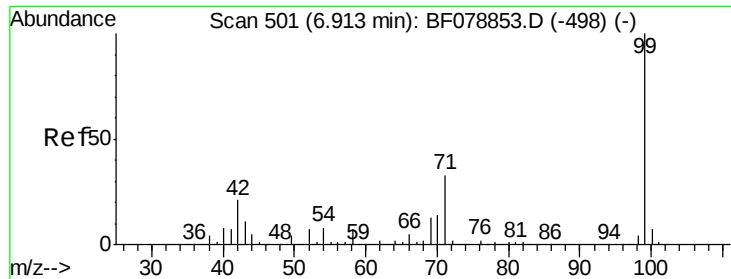


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 87.79 ng

RT: 6.88 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF079104.D

Acq: 10 May 2015 2:36

Instrument :

BNA_F

ClientSampleId :

TU021-SB-14-7.5

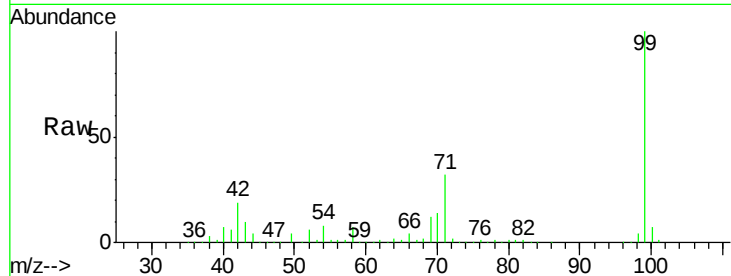
Tgt Ion: 99 Resp: 598275

Ion Ratio Lower Upper

99 100

42 18.8 12.8 19.2

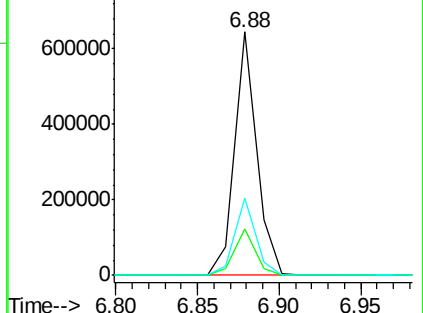
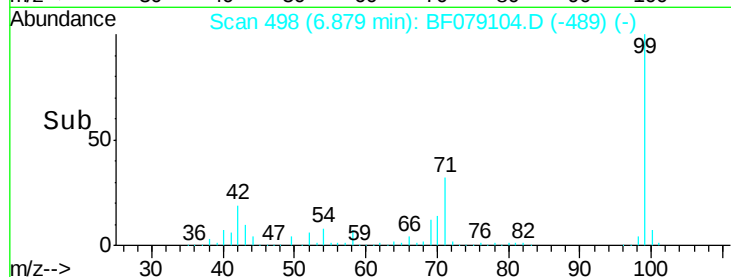
71 31.7 23.4 35.2



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. 0.00 min

Lab File: BF079104.D

Acq: 10 May 2015 2:36

Tgt Ion: 136 Resp: 362976

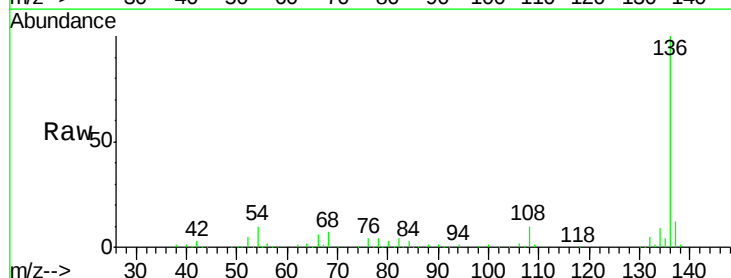
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 10.2 5.8 8.8#

68 7.4 4.2 6.4#

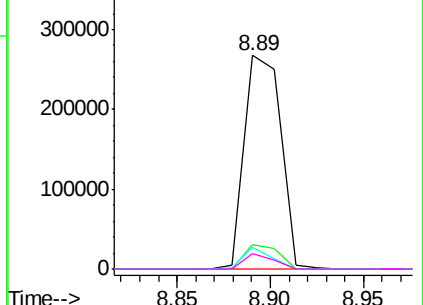
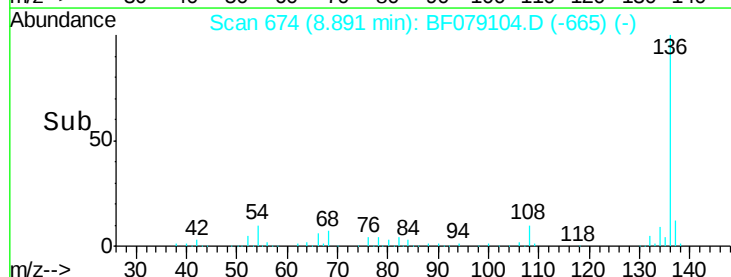


Abundance Ion 136.00 (135.70 to 136.70): E

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

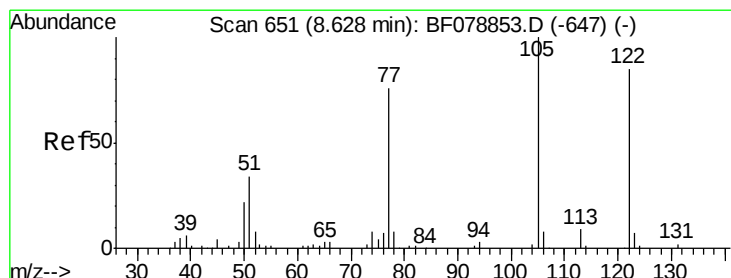
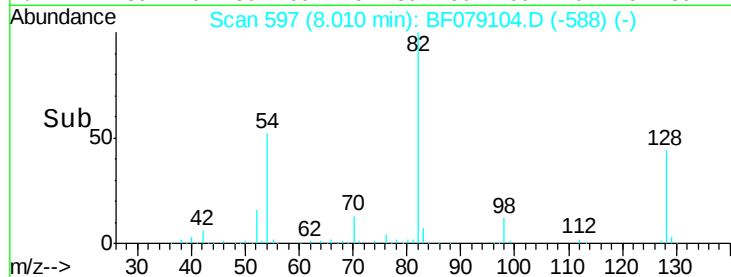
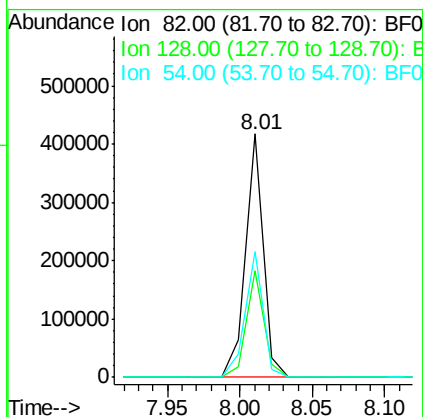
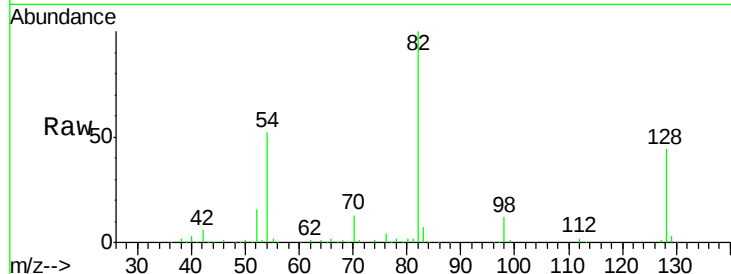




#23
 Nitrobenzene-d5
 Concen: 56.41 ng
 RT: 8.01 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF079104.D
 Acq: 10 May 2015 2:36

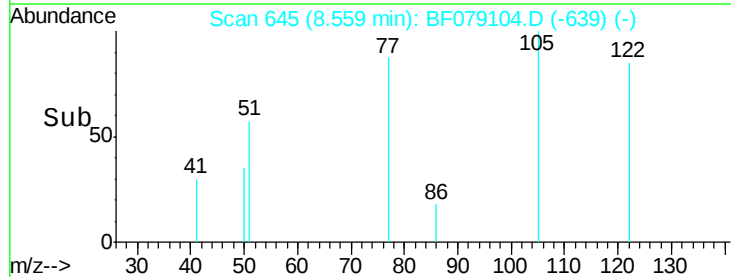
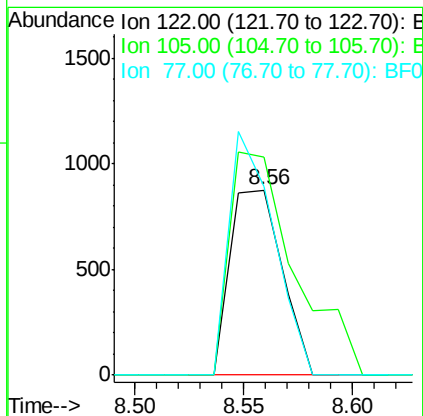
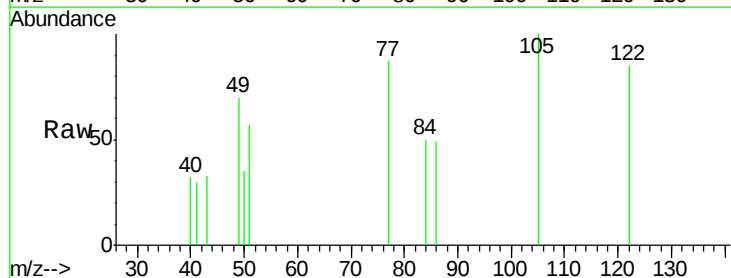
Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-14-7.5

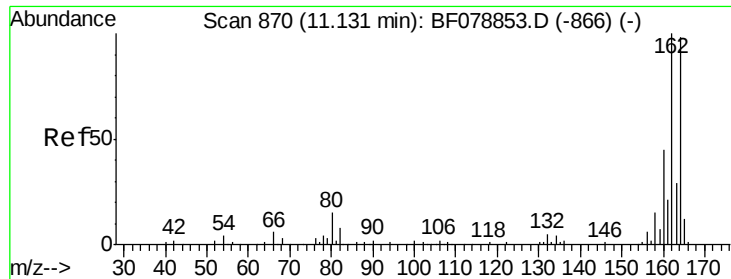
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.0	30.0	45.0
54	51.8	46.4	69.6



#32
 Benzoic acid
 Concen: 6.70 ng
 RT: 8.56 min Scan# 645
 Delta R.T. -0.03 min
 Lab File: BF079104.D
 Acq: 10 May 2015 2:36

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.7	107.1	147.1
77	101.8	73.9	113.9

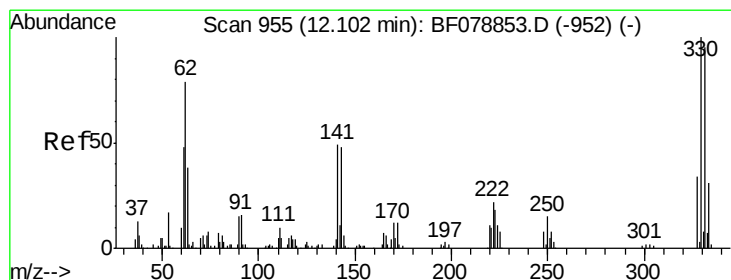
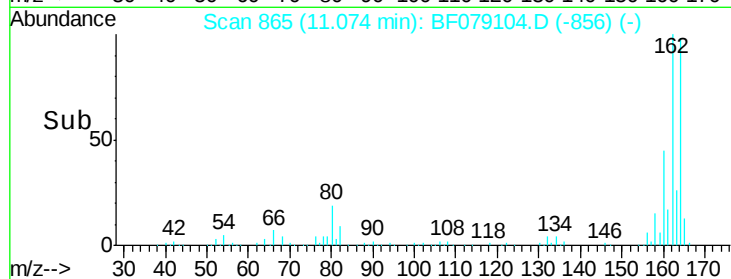
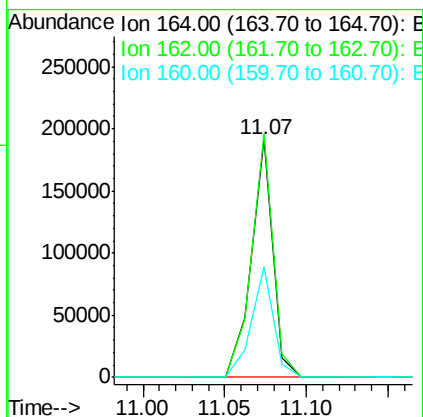
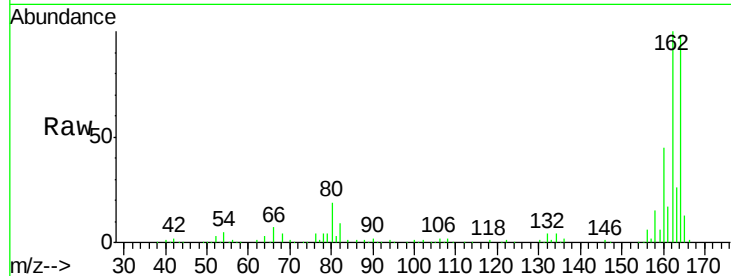




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: BF079104.D
 Acq: 10 May 2015 2:36

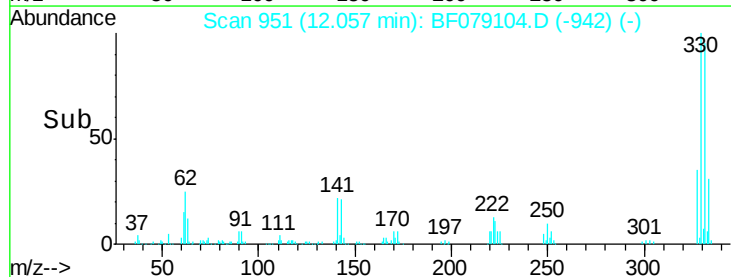
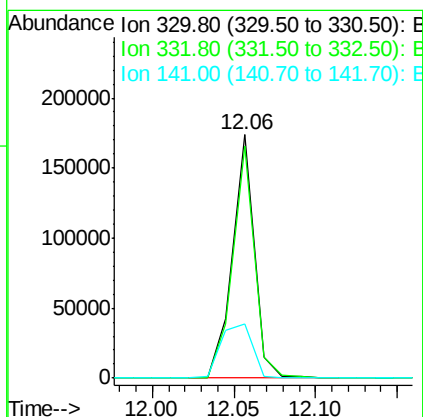
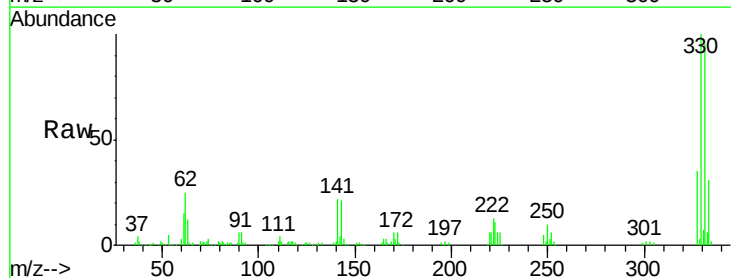
Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-14-7.5

Tgt Ion:164 Resp: 175850
 Ion Ratio Lower Upper
 164 100
 162 102.3 82.7 124.1
 160 46.3 35.8 53.8



#41
 2,4,6-Tribromophenol
 Concen: 84.50 ng
 RT: 12.06 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: BF079104.D
 Acq: 10 May 2015 2:36

Tgt Ion:330 Resp: 160744
 Ion Ratio Lower Upper
 330 100
 332 94.6 0.0 0.0#
 141 32.6 0.0 0.0#

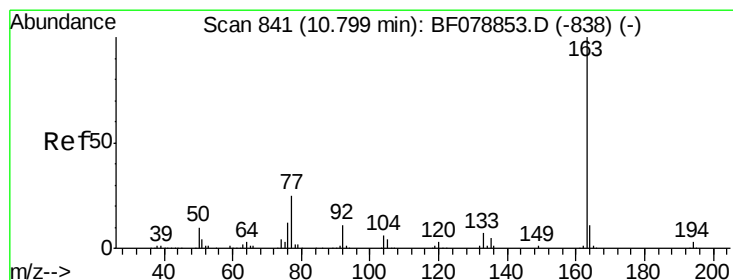
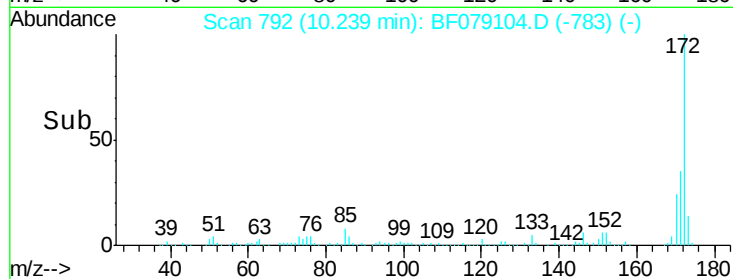
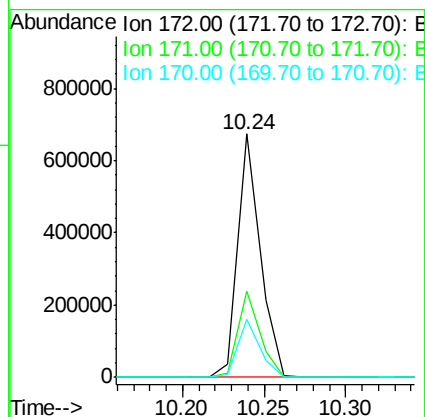
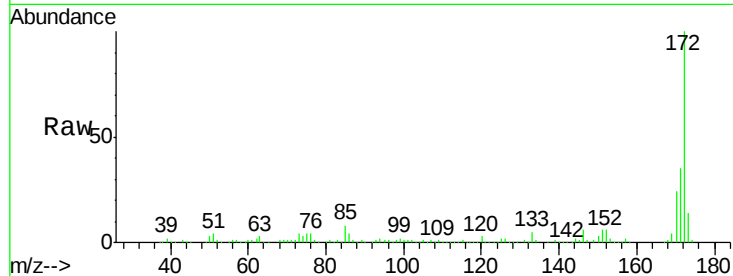




#44
2-Fluorobiphenyl
Concen: 50.73 ng
RT: 10.24 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF079104.D
Acq: 10 May 2015 2:36

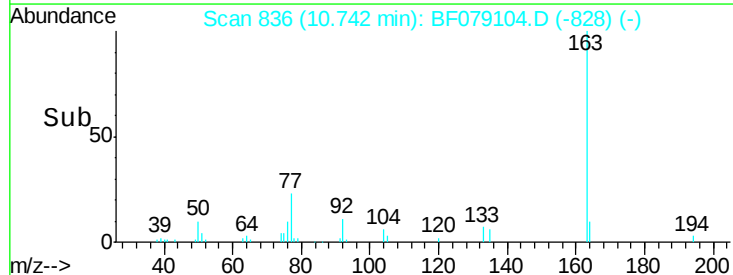
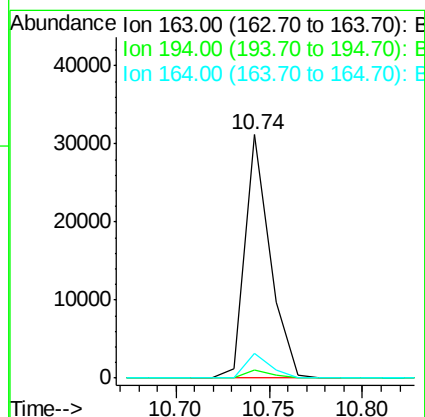
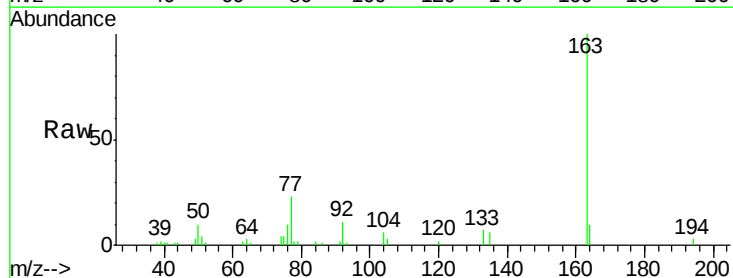
Instrument :
BNA_F
ClientSampleId :
TU021-SB-14-7.5

Tgt Ion:172 Resp: 640306
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 24.1 19.4 29.0



#49
Dimethylphthalate
Concen: 2.27 ng
RT: 10.74 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF079104.D
Acq: 10 May 2015 2:36

Tgt Ion:163 Resp: 29242
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.4 8.1 12.1

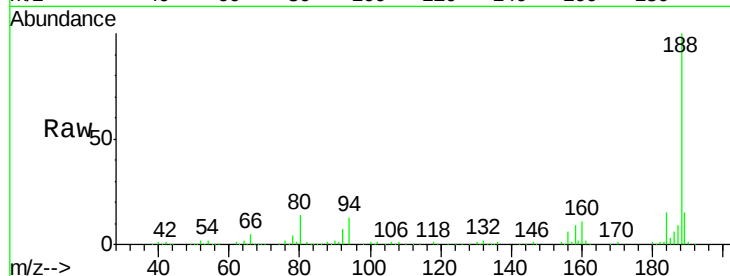




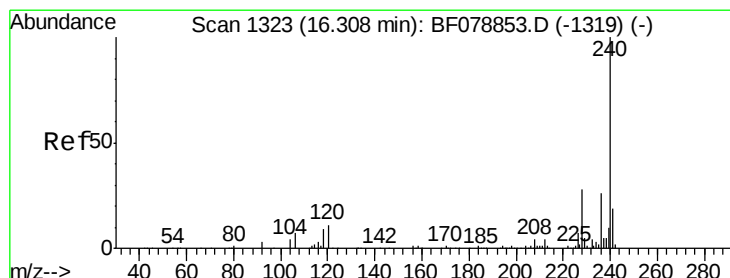
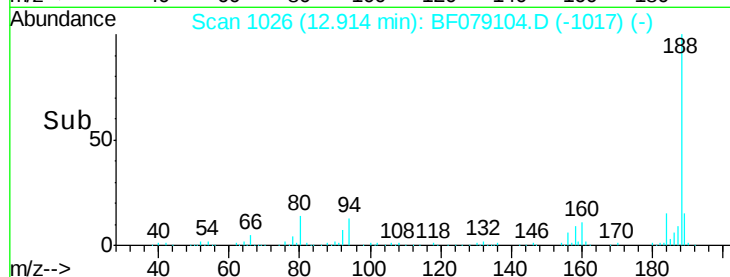
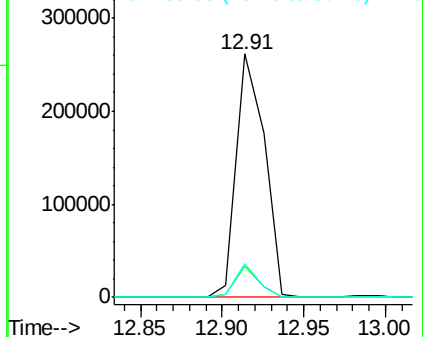
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.91 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF079104.D
Acq: 10 May 2015 2:36

Instrument :
BNA_F
ClientSampleId :
TU021-SB-14-7.5

Tgt Ion:188 Resp: 312967
Ion Ratio Lower Upper
188 100
94 12.8 8.2 12.2#
80 13.9 8.9 13.3#

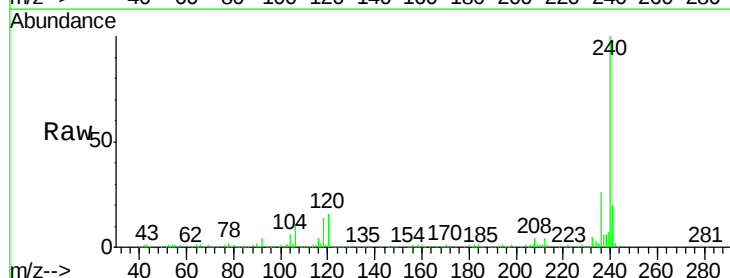


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

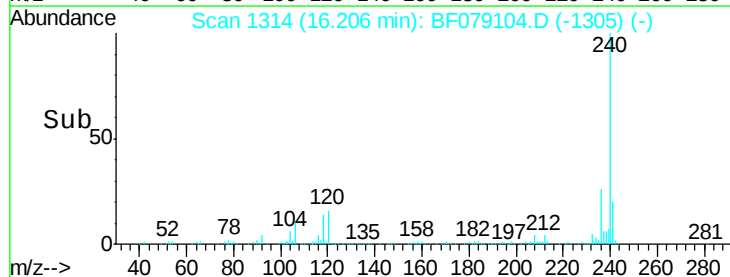
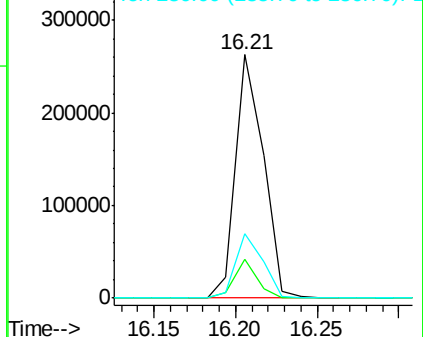


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.21 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF079104.D
Acq: 10 May 2015 2:36

Tgt Ion:240 Resp: 308701
Ion Ratio Lower Upper
240 100
120 15.7 9.7 14.5#
236 26.3 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

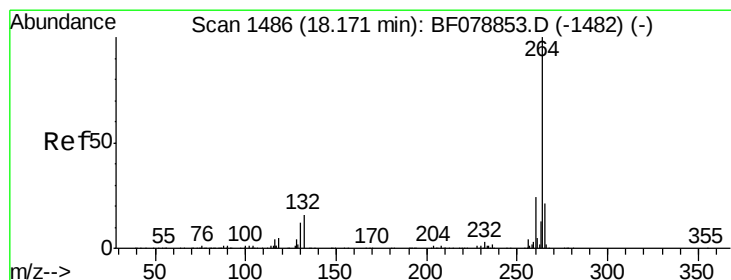
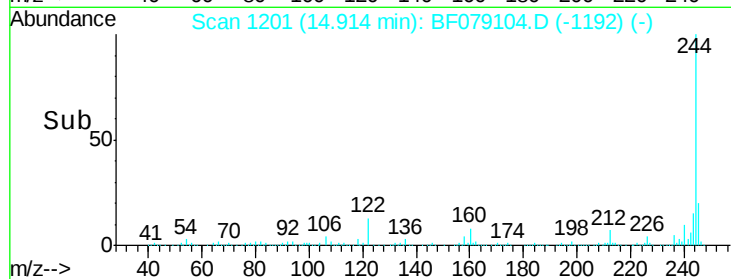
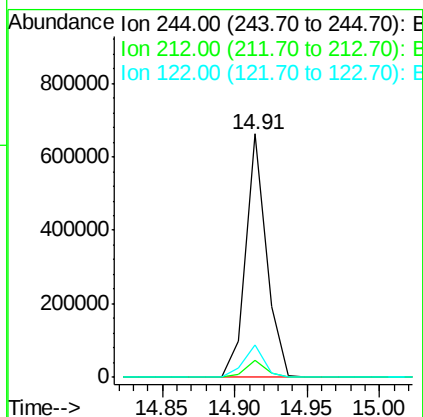
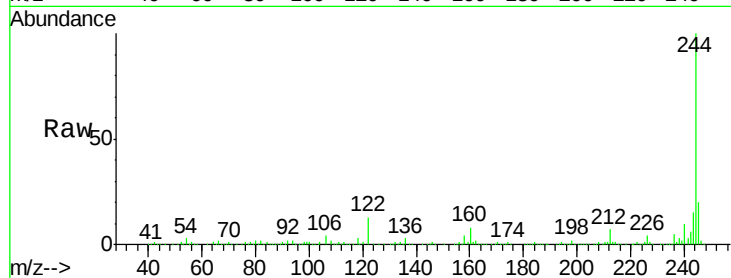




#78
 Terphenyl-d14
 Concen: 51.10 ng
 RT: 14.91 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF079104.D
 Acq: 10 May 2015 2:36

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-14-7.5

Tgt Ion: 244 Resp: 658833
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 13.5 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.92 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF079104.D
 Acq: 10 May 2015 2:36

Tgt Ion: 264 Resp: 328551
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 21.2 18.3 27.5

