

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
 Data File : BF079077.D
 Acq On : 9 May 2015 11:51
 Operator : TP/IZ
 Sample : G2151-07
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-18-8.0

Quant Time: May 11 01:02:07 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

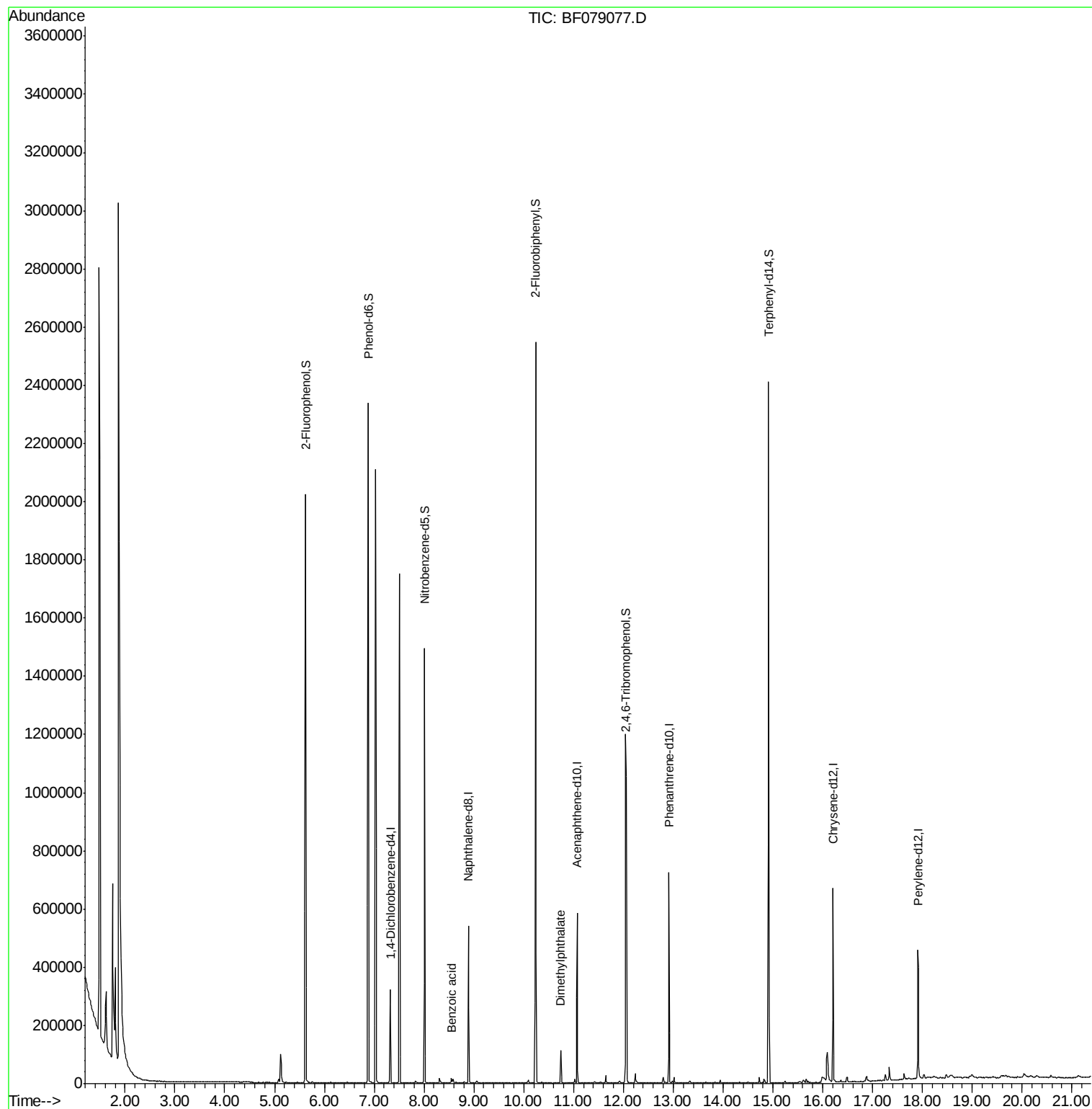
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	70170	20.00	ng	0.00
21) Naphthalene-d8	8.89	136	279363	20.00	ng	-0.01
38) Acenaphthene-d10	11.07	164	138471	20.00	ng	0.00
63) Phenanthrene-d10	12.91	188	269371	20.00	ng	0.00
75) Chrysene-d12	16.21	240	255203	20.00	ng	-0.01
86) Perylene-d12	17.91	264	248397	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	604610	148.32	ng	0.00
7) Phenol-d6	6.88	99	795075	147.56	ng	0.00
23) Nitrobenzene-d5	8.01	82	460267	94.69	ng	0.00
41) 2,4,6-Tribromophenol	12.06	330	225842	150.76	ng	0.00
44) 2-Fluorobiphenyl	10.24	172	768807	77.35	ng	0.00
78) Terphenyl-d14	14.91	244	830620	77.92	ng	0.00
Target Compounds						
32) Benzoic acid	8.55	122	5906	8.36	ng	88
49) Dimethylphthalate	10.74	163	44972	4.43	ng	99

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

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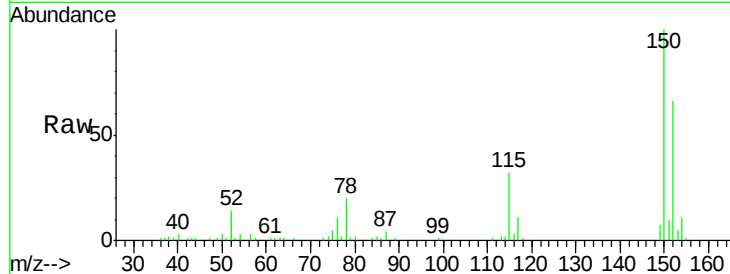


#1

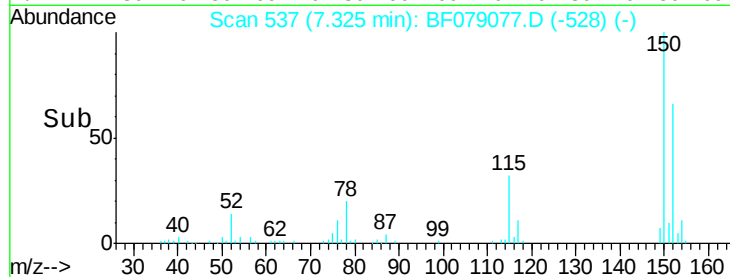
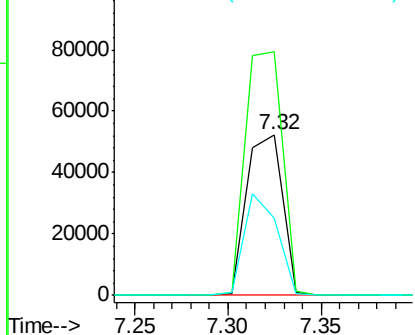
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF079077.D
Acq: 9 May 2015 11:51

Instrument :
BNA_F
ClientSampleId :
TU012-SB-18-8.0

Tot Ion:152 Resp: 70170
Ion Ratio Lower Upper
152 100
150 151.2 122.0 183.0
115 48.2 46.3 69.5



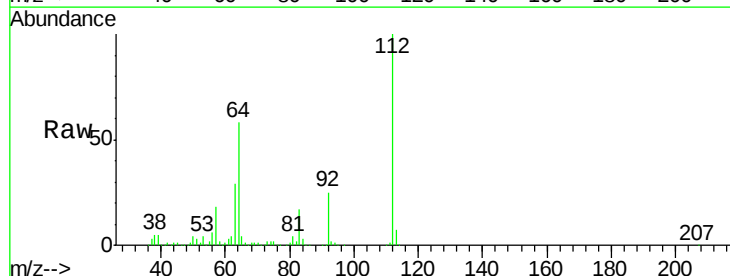
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



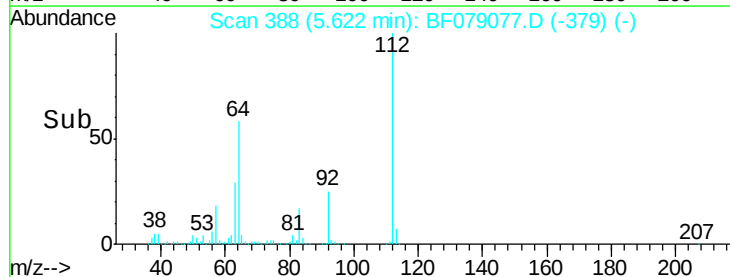
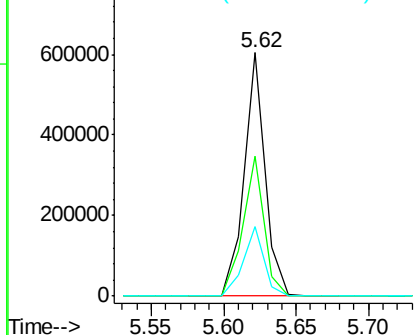
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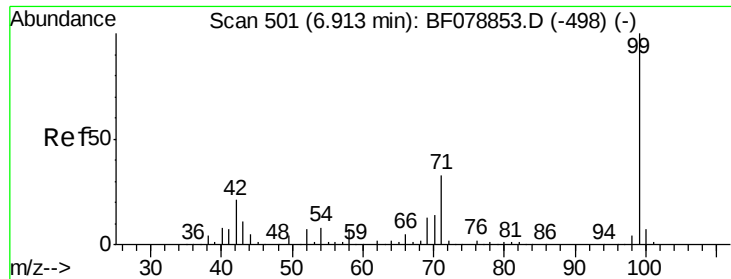
2-Fluorophenol
Concen: 148.32 ng
RT: 5.62 min Scan# 388
Delta R.T. 0.00 min
Lab File: BF079077.D
Acq: 9 May 2015 11:51

Tgt Ion:112 Resp: 604610
Ion Ratio Lower Upper
112 100
64 57.7 53.5 80.3
63 28.7 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: 147.56 ng

RT: 6.88 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF079077.D

Acq: 9 May 2015 11:51

Instrument :

BNA_F

ClientSampleId :

TU012-SB-18-8.0

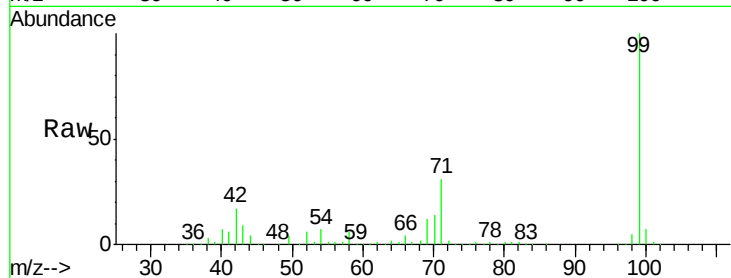
Tot Ion: 99 Resp: 795075

Ion Ratio Lower Upper

99 100

42 17.2 12.8 19.2

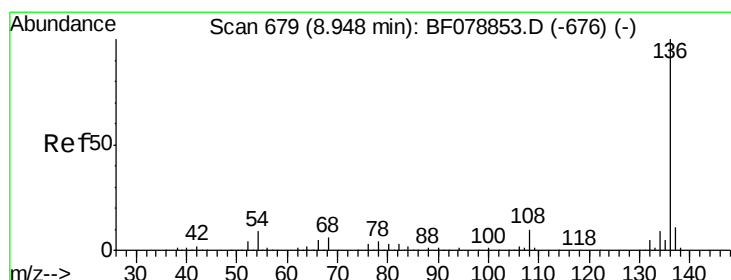
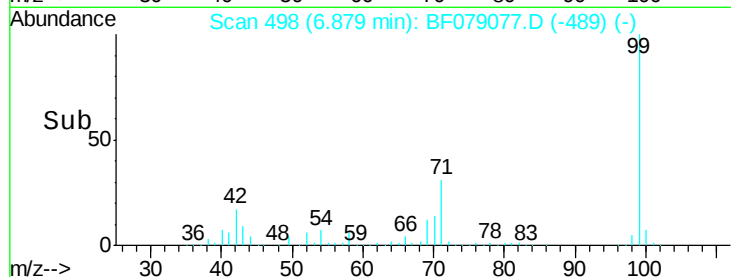
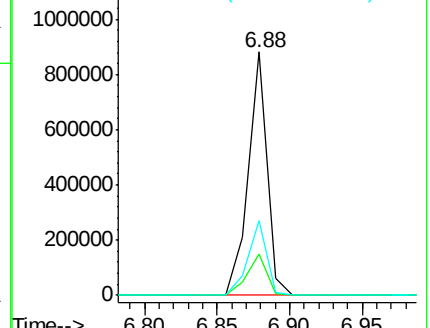
71 30.6 23.4 35.2



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: BF079077.D

Acq: 9 May 2015 11:51

Tgt Ion: 136 Resp: 279363

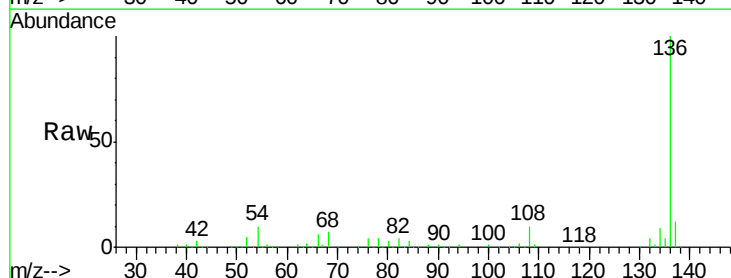
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 9.8 5.8 8.8#

68 7.1 4.2 6.4#

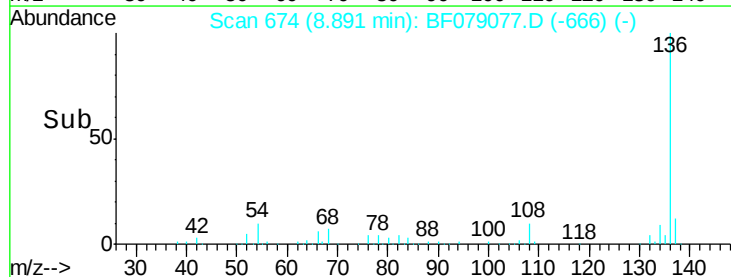
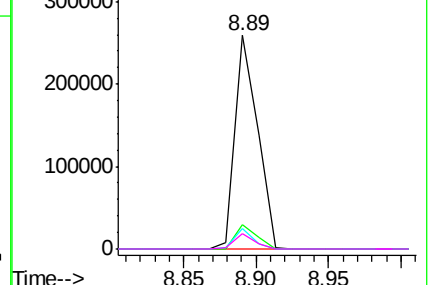


Abundance Ion 136.00 (135.70 to 136.70): E

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

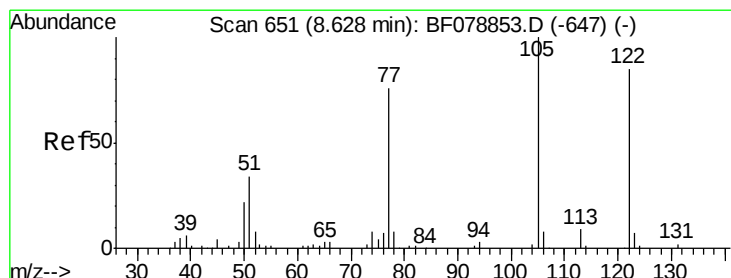
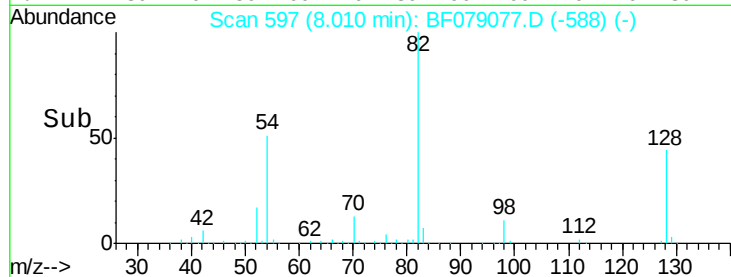
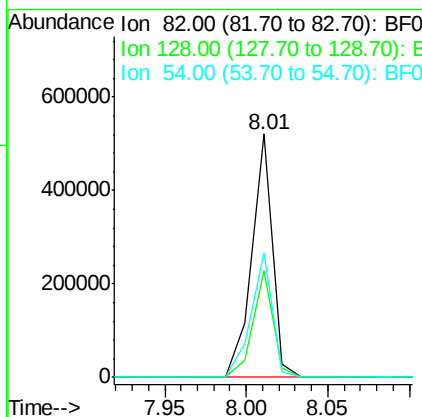
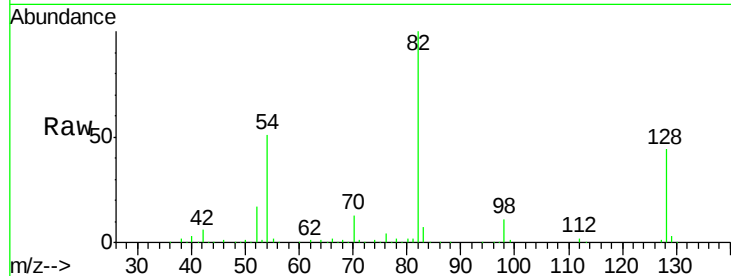




#23
 Nitrobenzene-d5
 Concen: 94.69 ng
 RT: 8.01 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF079077.D
 Acq: 9 May 2015 11:51

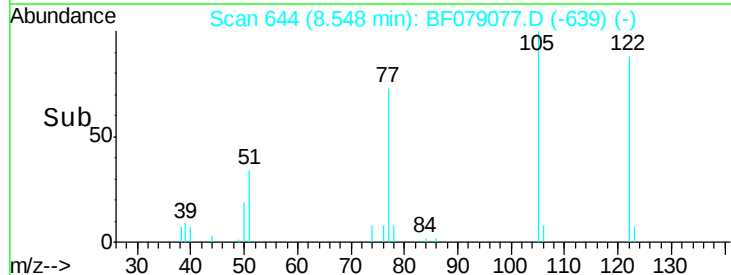
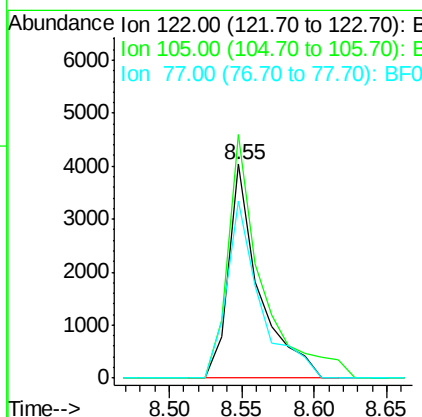
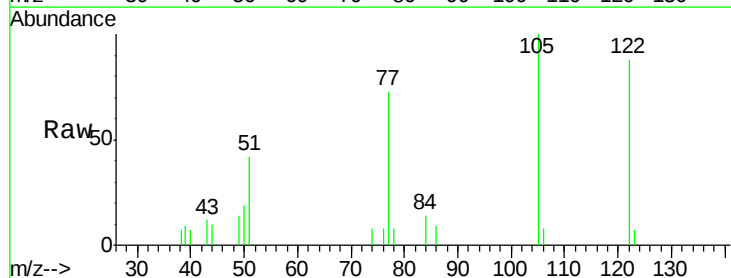
Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-18-8.0

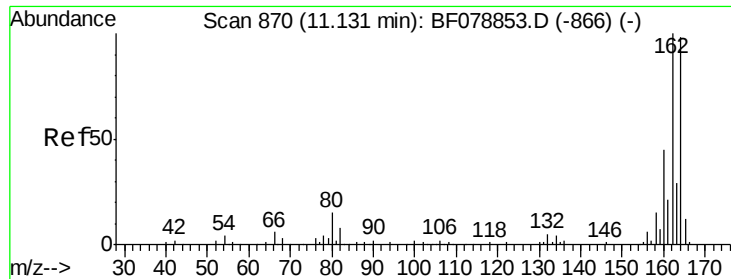
Tot Ion: 82 Resp: 460267
 Ion Ratio Lower Upper
 82 100
 128 44.0 30.0 45.0
 54 50.9 46.4 69.6



#32
 Benzoic acid
 Concen: 8.36 ng
 RT: 8.55 min Scan# 644
 Delta R.T. -0.05 min
 Lab File: BF079077.D
 Acq: 9 May 2015 11:51

Tgt Ion: 122 Resp: 5906
 Ion Ratio Lower Upper
 122 100
 105 113.7 107.1 147.1
 77 82.8 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: BF079077.D

Acq: 9 May 2015 11:51

Instrument :

BNA_F

ClientSampleId :

TU012-SB-18-8.0

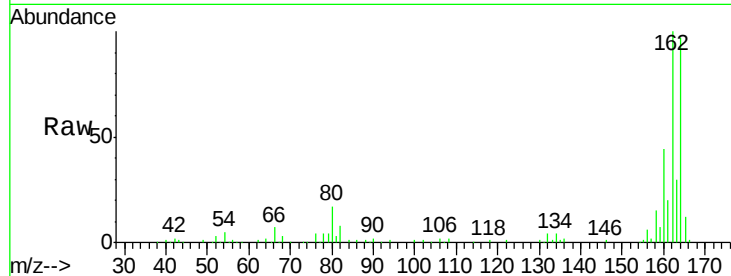
Tot Ion:164 Resp: 138471

Ion Ratio Lower Upper

164 100

162 103.0 82.7 124.1

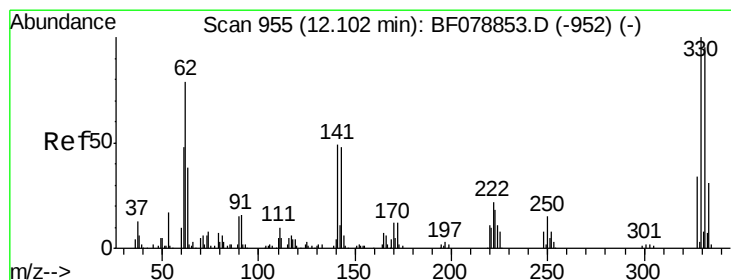
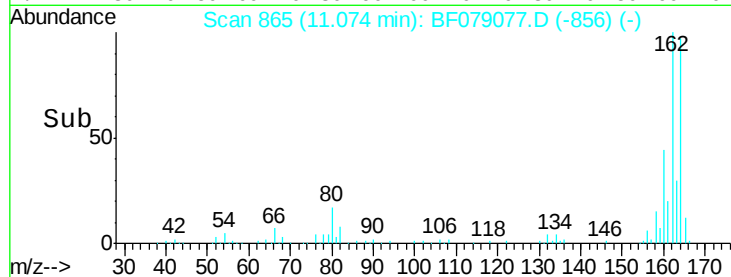
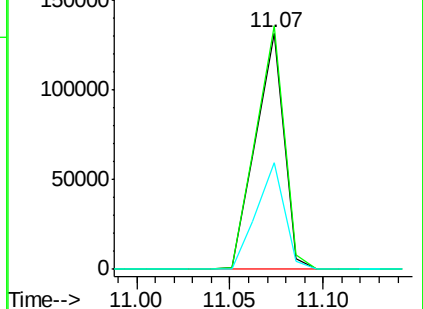
160 45.3 35.8 53.8



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: 150.76 ng

RT: 12.06 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF079077.D

Acq: 9 May 2015 11:51

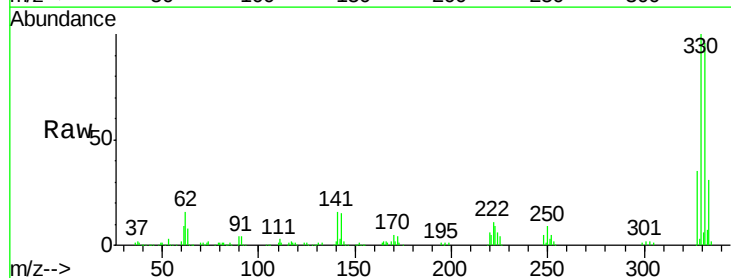
Tgt Ion:330 Resp: 225842

Ion Ratio Lower Upper

330 100

332 96.6 0.0 0.0#

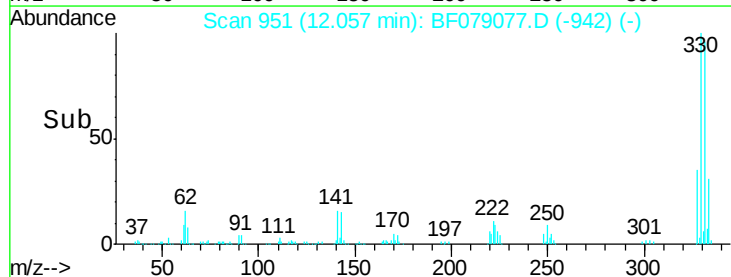
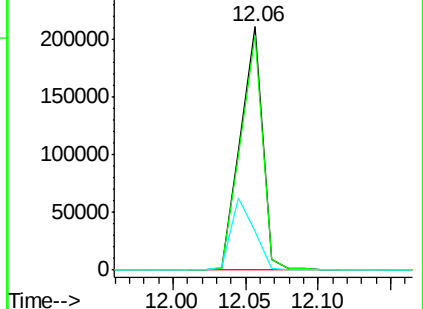
141 30.6 0.0 0.0#



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

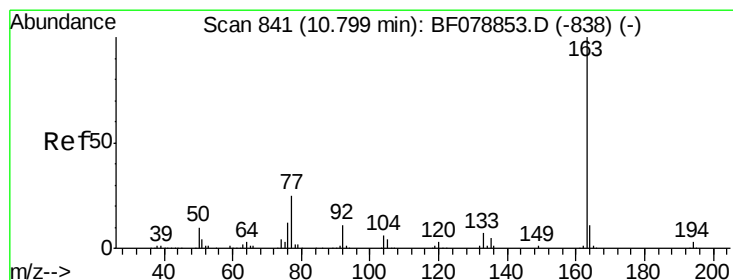
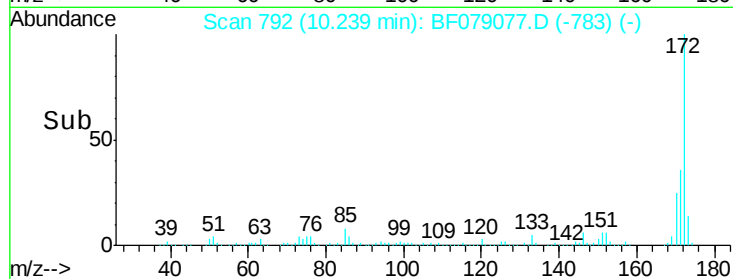
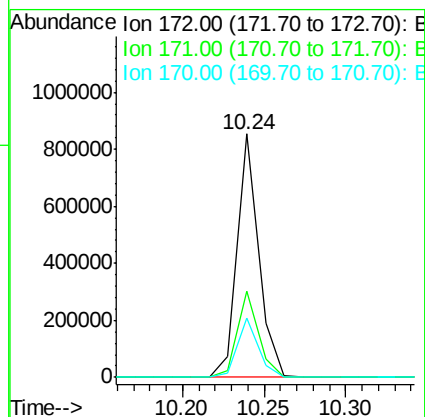
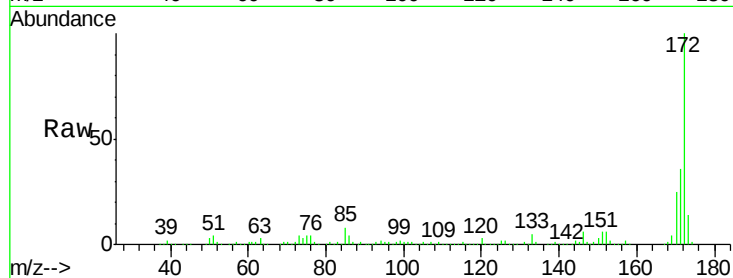




#44
 2-Fluorobiphenyl
 Concen: 77.35 ng
 RT: 10.24 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF079077.D
 Acq: 9 May 2015 11:51

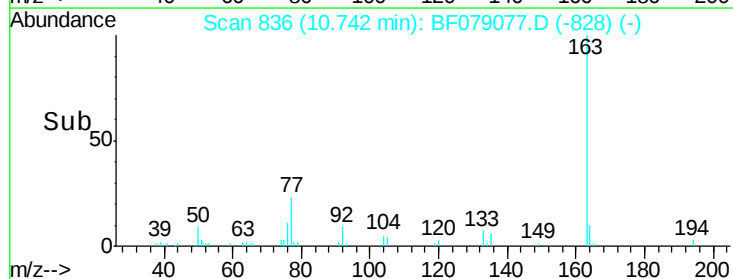
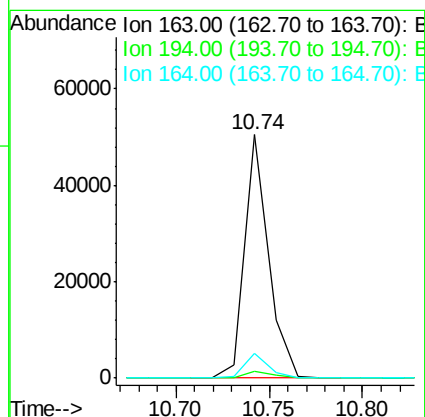
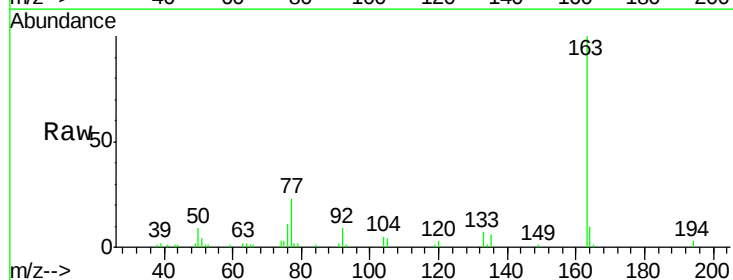
Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-18-8.0

Tot Ion:172 Resp: 768807
 Ion Ratio Lower Upper
 172 100
 171 35.5 27.9 41.9
 170 24.6 19.4 29.0



#49
 Dimethylphthalate
 Concen: 4.43 ng
 RT: 10.74 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BF079077.D
 Acq: 9 May 2015 11:51

Tgt Ion:163 Resp: 44972
 Ion Ratio Lower Upper
 163 100
 194 3.0 2.6 4.0
 164 10.3 8.1 12.1

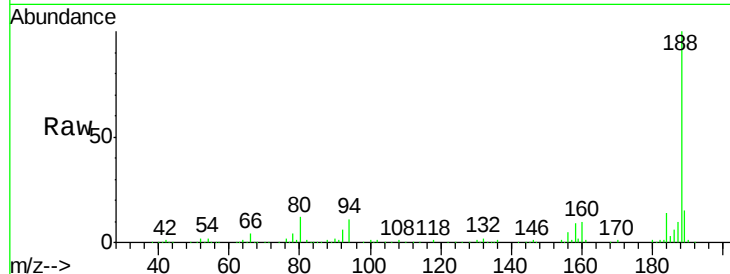




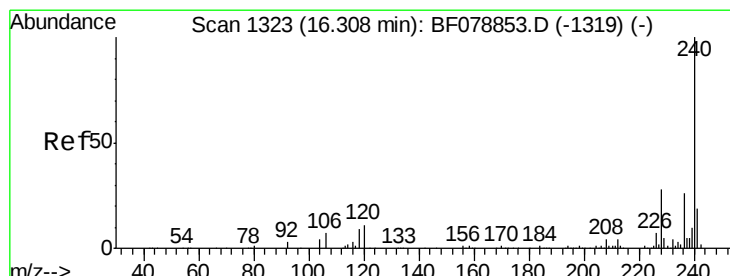
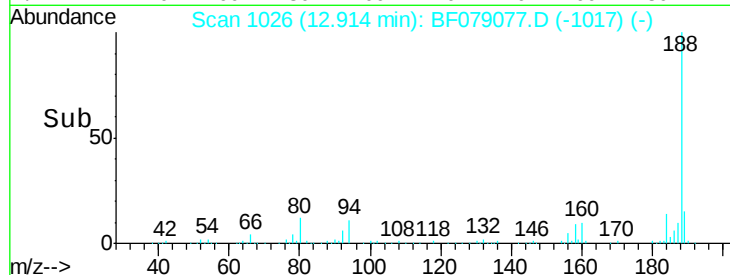
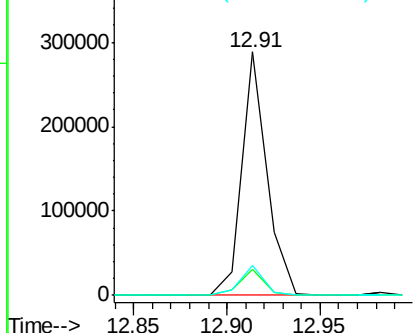
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.91 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF079077.D
Acq: 9 May 2015 11:51

Instrument :
BNA_F
ClientSampleId :
TU012-SB-18-8.0

Tot Ion:188 Resp: 269371
Ion Ratio Lower Upper
188 100
94 10.9 8.2 12.2
80 12.2 8.9 13.3

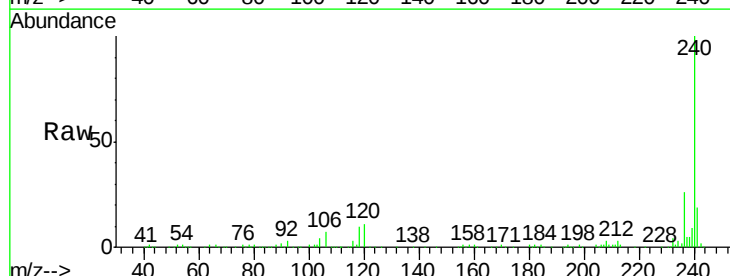


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

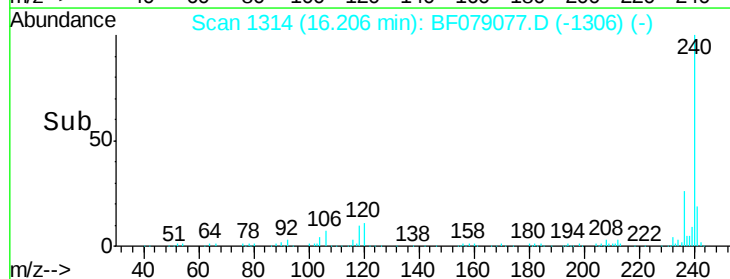
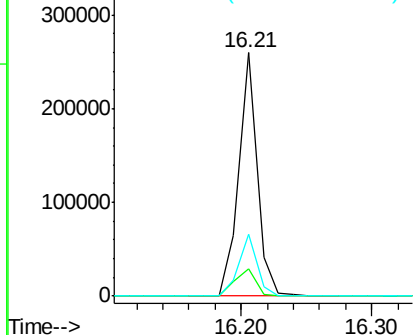


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.21 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF079077.D
Acq: 9 May 2015 11:51

Tgt Ion:240 Resp: 255203
Ion Ratio Lower Upper
240 100
120 11.1 9.7 14.5
236 25.5 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

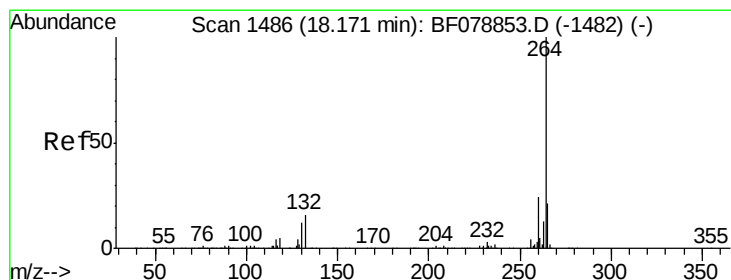
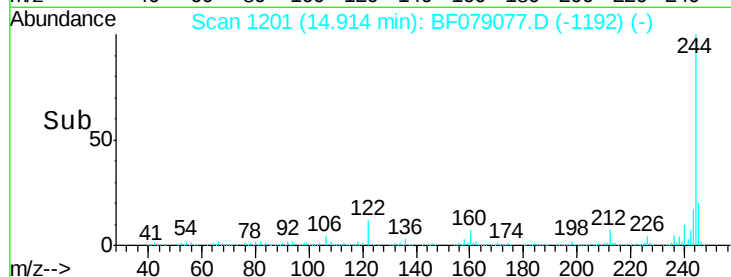
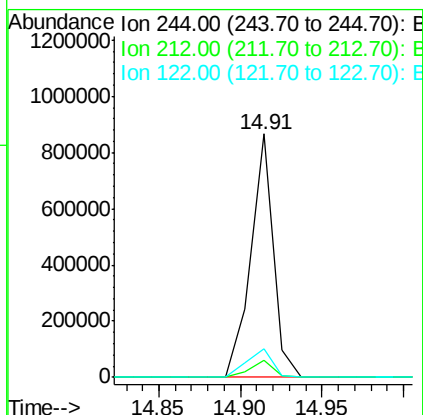
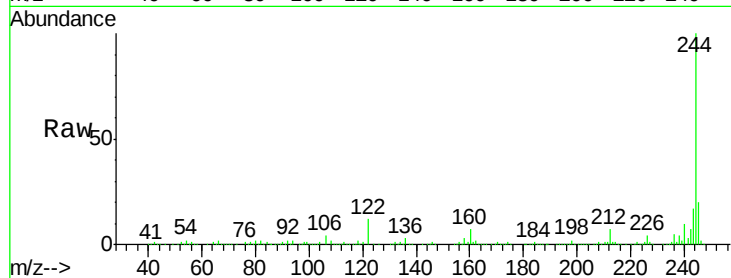




#78
 Terphenyl-d14
 Concen: 77.92 ng
 RT: 14.91 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF079077.D
 Acq: 9 May 2015 11:51

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-18-8.0

Tot Ion:244 Resp: 830620
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.7 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.91 min Scan# 1463
 Delta R.T. -0.02 min
 Lab File: BF079077.D
 Acq: 9 May 2015 11:51

Tgt Ion:264 Resp: 248397
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 21.6 18.3 27.5

