

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
 Data File : BF079121.D
 Acq On : 11 May 2015 17:46
 Operator : TP/IZ
 Sample : PB83261BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83261BL

Quant Time: May 12 01:56:24 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 01:34:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	52955	20.00	ng	0.00
21) Naphthalene-d8	8.88	136	218766	20.00	ng	0.00
38) Acenaphthene-d10	11.05	164	111979	20.00	ng	0.00
63) Phenanthrene-d10	12.89	188	219968	20.00	ng	-0.01
75) Chrysene-d12	16.19	240	250150	20.00	ng	-0.03
86) Perylene-d12	17.95	264	271956	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	48555	15.78	ng	0.01
7) Phenol-d6	6.86	99	62453	15.36	ng	0.00
23) Nitrobenzene-d5	7.99	82	33681	8.85	ng	0.00
41) 2,4,6-Tribromophenol	12.03	330	15888	13.12	ng	0.00
44) 2-Fluorobiphenyl	10.22	172	74486	9.27	ng	-0.01
78) Terphenyl-d14	14.89	244	91010	8.71	ng	-0.01

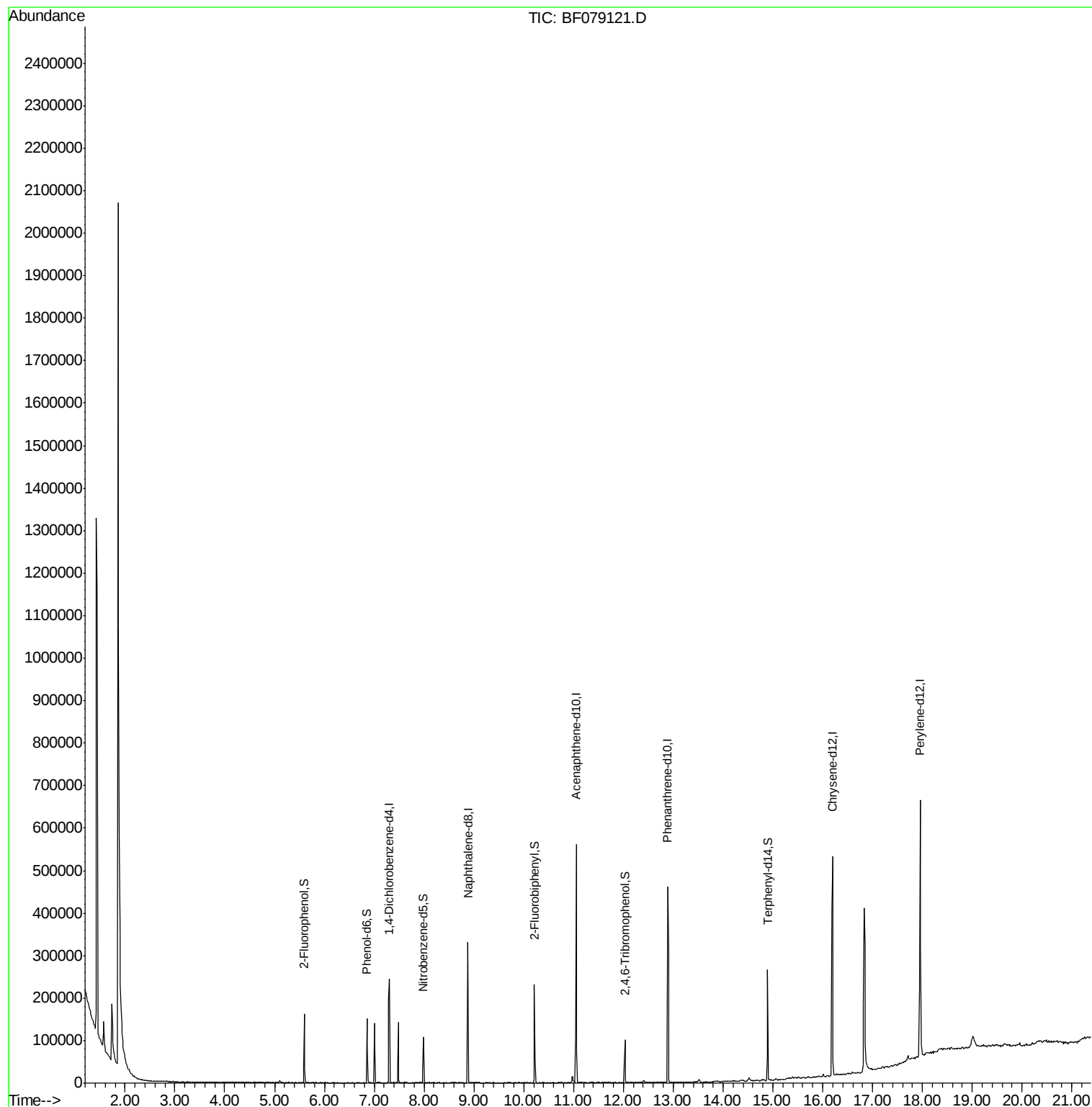
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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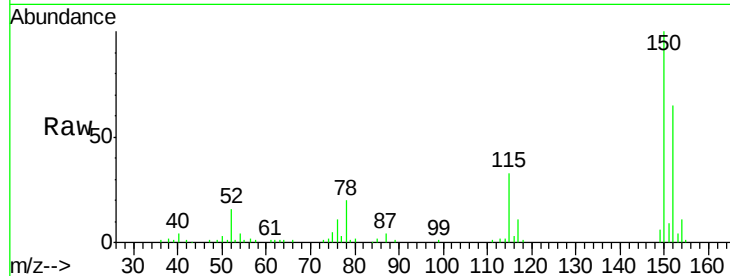


#1

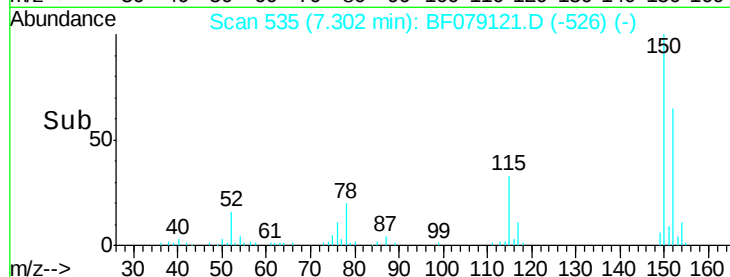
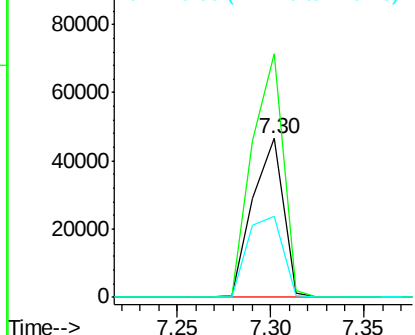
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF079121.D
Acq: 11 May 2015 17:46

Instrument :
BNA_F
ClientSampled :
PB83261BL

Tgt Ion:152 Resp: 52955
Ion Ratio Lower Upper
152 100
150 153.3 122.0 183.0
115 51.1 46.3 69.5



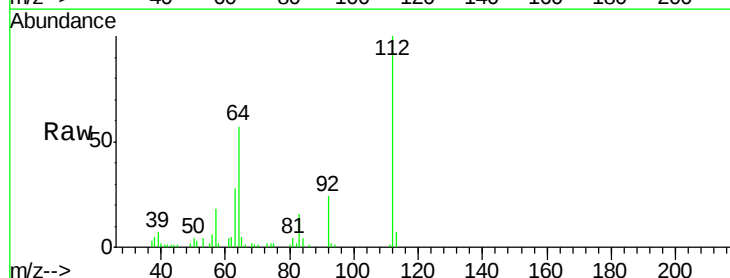
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



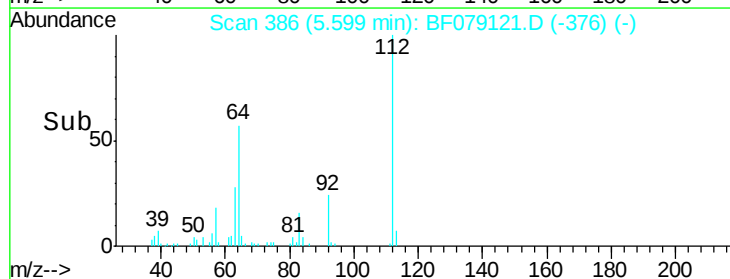
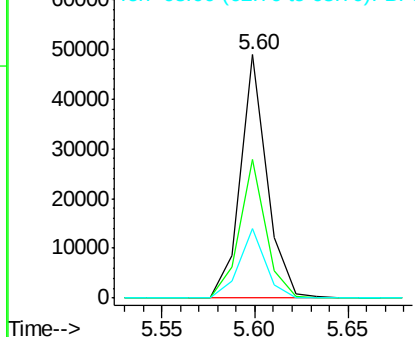
#5

2-Fluorophenol
Concen: 15.78 ng
RT: 5.60 min Scan# 386
Delta R.T. 0.01 min
Lab File: BF079121.D
Acq: 11 May 2015 17:46

Tgt Ion:112 Resp: 48555
Ion Ratio Lower Upper
112 100
64 56.9 53.5 80.3
63 28.5 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: 15.36 ng

RT: 6.86 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF079121.D

Acq: 11 May 2015 17:46

Instrument :

BNA_F

ClientSampleId :

PB83261BL

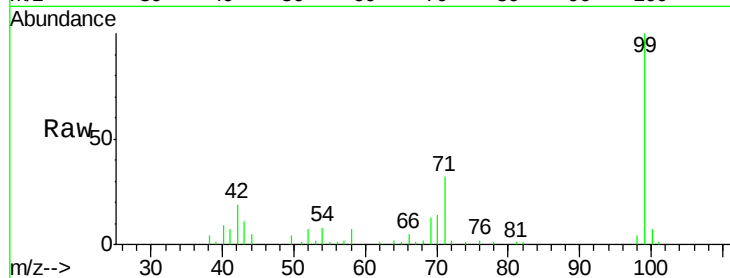
Tgt Ion: 99 Resp: 62453

Ion Ratio Lower Upper

99 100

42 19.2 12.8 19.2

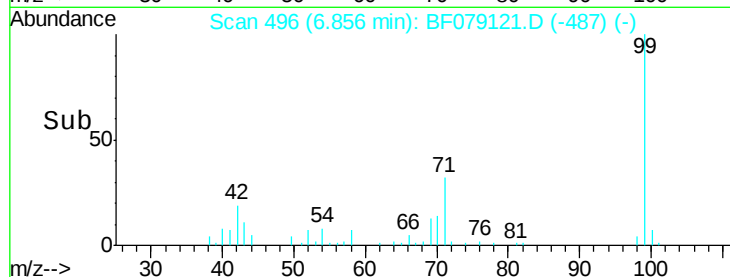
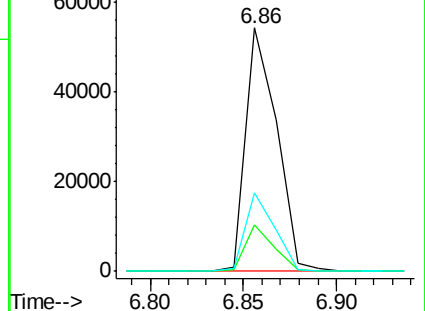
71 32.4 23.4 35.2



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: 8.88 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF079121.D

Acq: 11 May 2015 17:46

Tgt Ion: 136 Resp: 218766

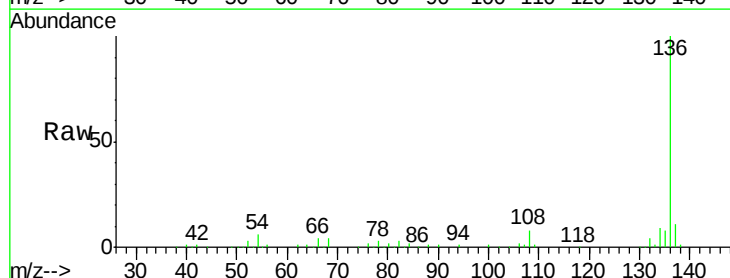
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 5.7 5.8 8.8#

68 4.4 4.2 6.4

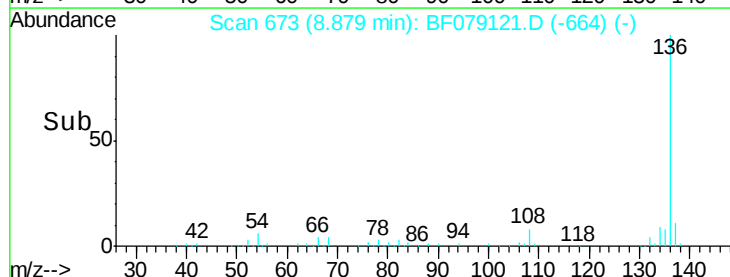
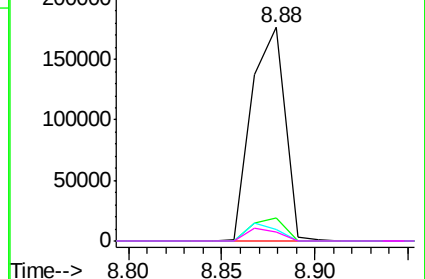


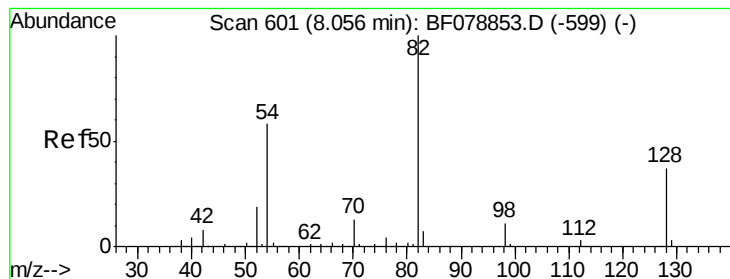
Abundance Ion 136.00 (135.70 to 136.70): E

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: 8.85 ng

RT: 7.99 min Scan# 595

Delta R.T. 0.00 min

Lab File: BF079121.D

Acq: 11 May 2015 17:46

Instrument :

BNA_F

ClientSampleID :

PB83261BL

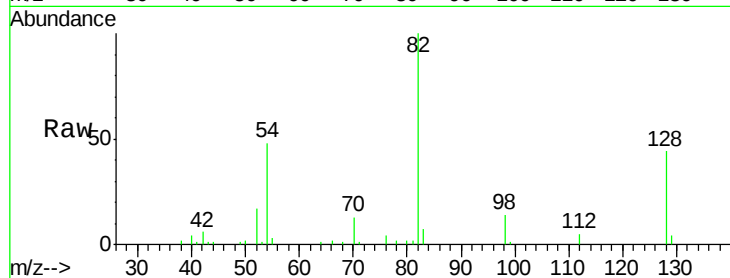
Tgt Ion: 82 Resp: 33681

Ion Ratio Lower Upper

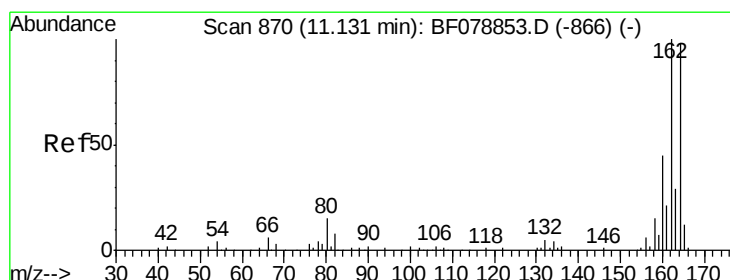
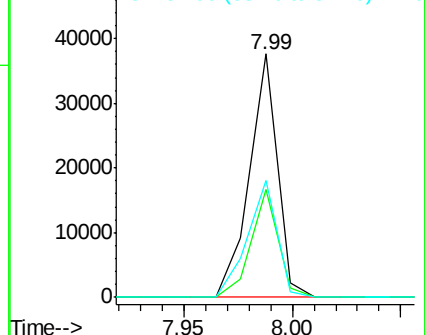
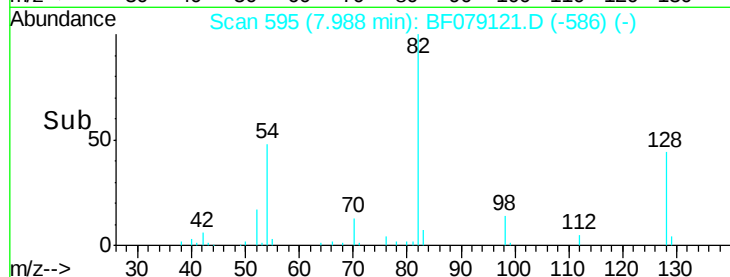
82 100

128 44.1 30.0 45.0

54 48.2 46.4 69.6



Abundance Ion 82.00 (81.70 to 82.70): BF079121.D (-586) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.05 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF079121.D

Acq: 11 May 2015 17:46

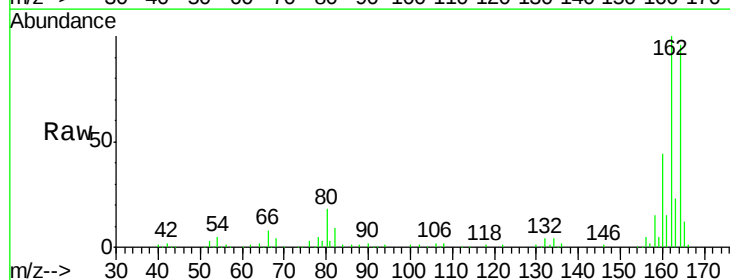
Tgt Ion: 164 Resp: 111979

Ion Ratio Lower Upper

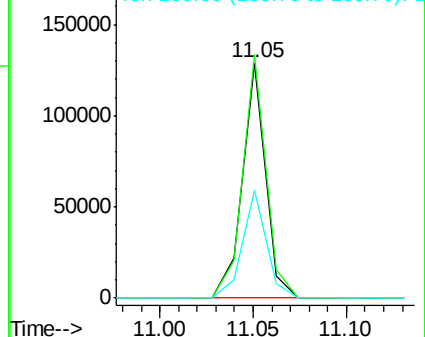
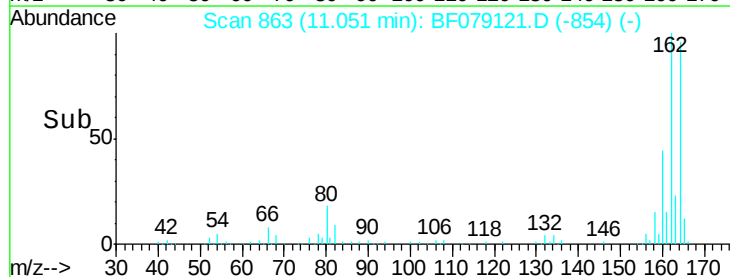
164 100

162 103.7 82.7 124.1

160 45.8 35.8 53.8



Abundance Ion 164.00 (163.70 to 164.70): BF079121.D (-854) (-)

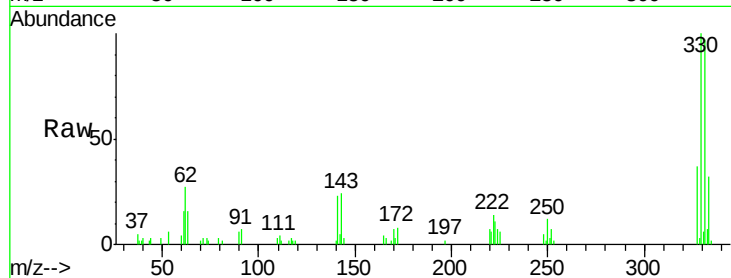




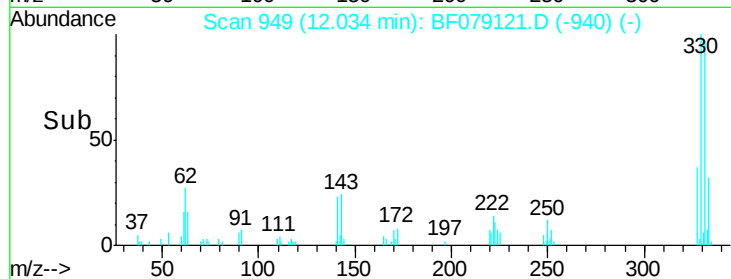
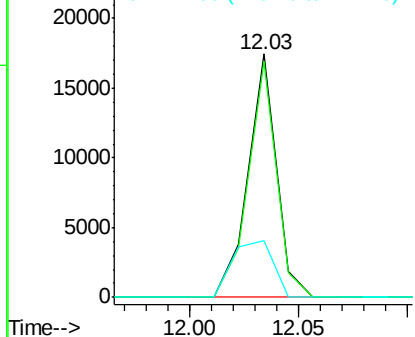
#41
 2,4,6-Tribromophenol
 Concen: 13.12 ng
 RT: 12.03 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF079121.D
 Acq: 11 May 2015 17:46

Instrument :
 BNA_F
 ClientSampleId :
 PB83261BL

Tgt Ion: 330 Resp: 15888
 Ion Ratio Lower Upper
 330 100
 332 96.1 0.0 0.0#
 141 33.1 0.0 0.0#

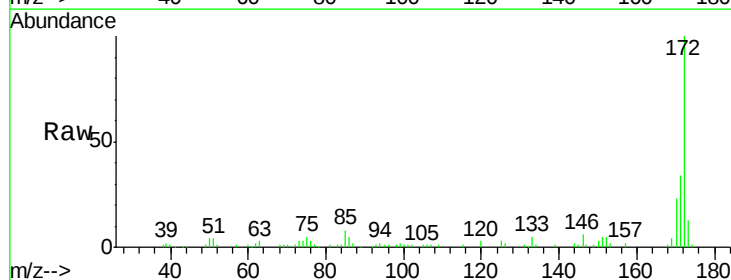


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

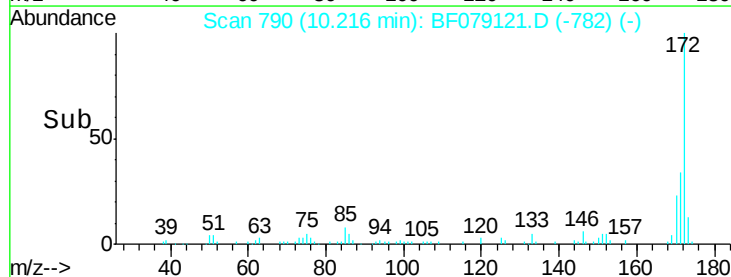
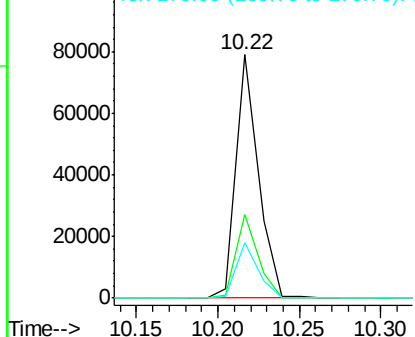


#44
 2-Fluorobiphenyl
 Concen: 9.27 ng
 RT: 10.22 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF079121.D
 Acq: 11 May 2015 17:46

Tgt Ion: 172 Resp: 74486
 Ion Ratio Lower Upper
 172 100
 171 34.5 27.9 41.9
 170 22.9 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

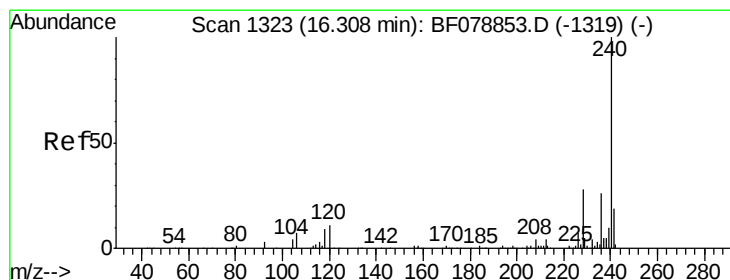
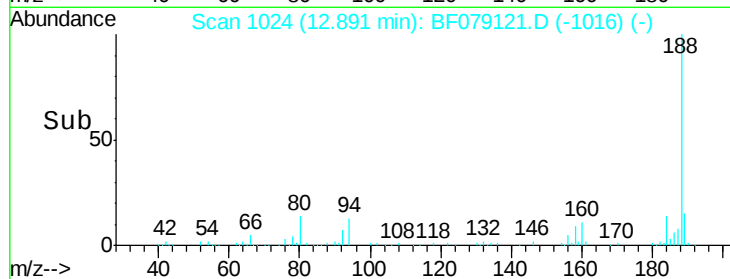
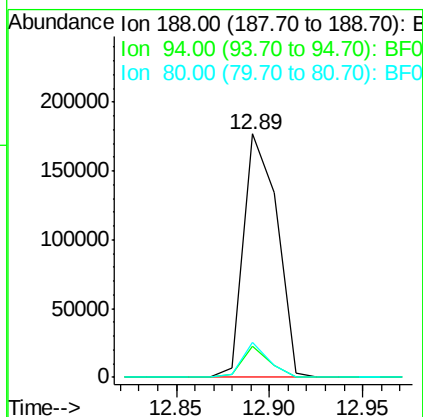
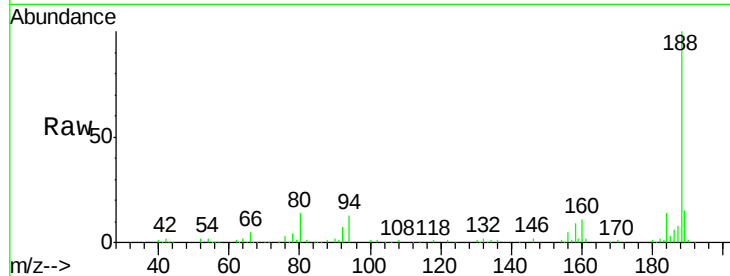




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.89 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF079121.D
Acq: 11 May 2015 17:46

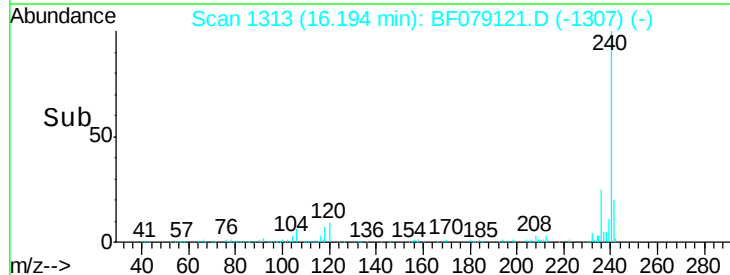
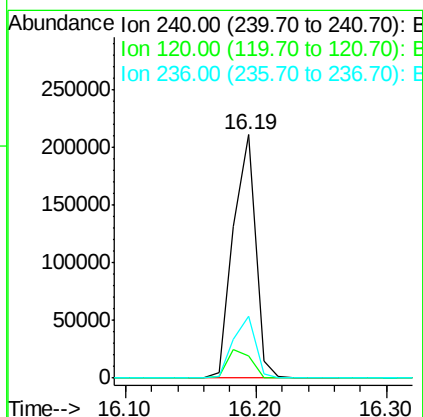
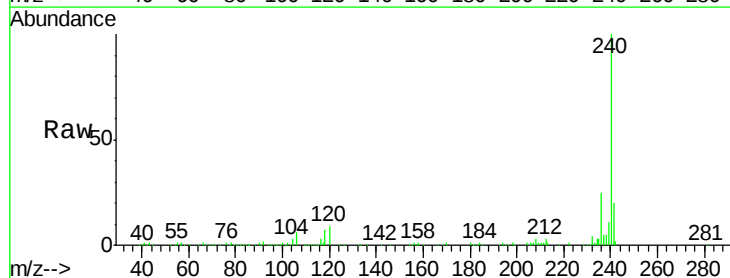
Instrument :
BNA_F
ClientSampleId :
PB83261BL

Tgt Ion:188 Resp: 219968
Ion Ratio Lower Upper
188 100
94 12.8 8.2 12.2#
80 14.3 8.9 13.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.19 min Scan# 1313
Delta R.T. -0.03 min
Lab File: BF079121.D
Acq: 11 May 2015 17:46

Tgt Ion:240 Resp: 250150
Ion Ratio Lower Upper
240 100
120 8.9 9.7 14.5#
236 25.3 20.2 30.4

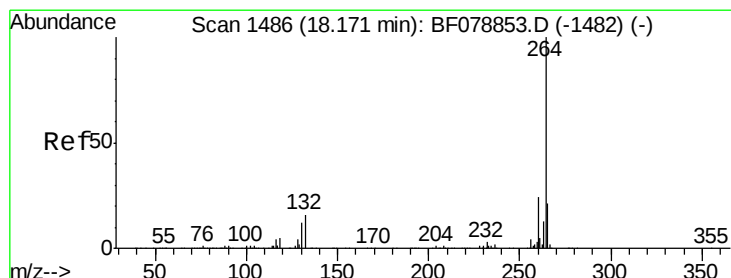
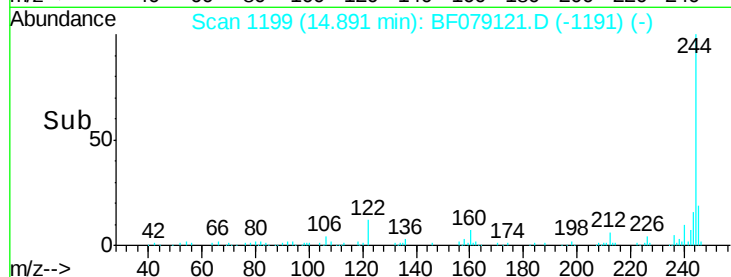
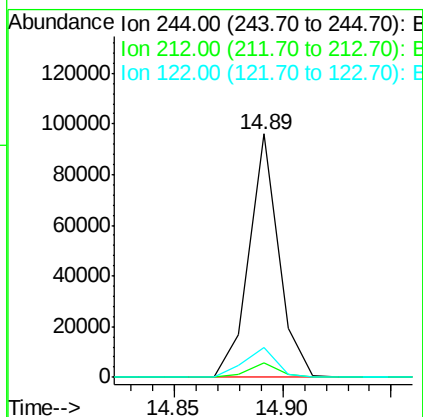
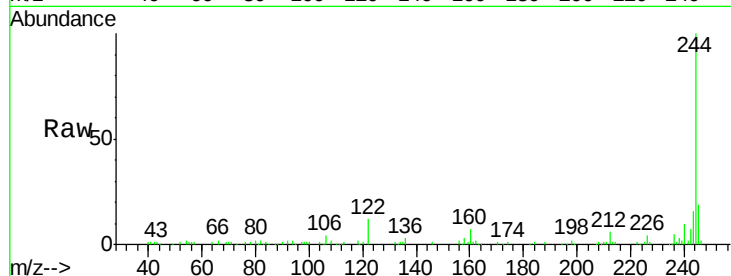




#78
 Terphenyl-d14
 Concen: 8.71 ng
 RT: 14.89 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF079121.D
 Acq: 11 May 2015 17:46

Instrument :
 BNA_F
 ClientSampleId :
 PB83261BL

Tgt Ion:244 Resp: 91010
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.6 8.4
 122 12.0 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.95 min Scan# 1467
 Delta R.T. -0.10 min
 Lab File: BF079121.D
 Acq: 11 May 2015 17:46

Tgt Ion:264 Resp: 271956
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 21.7 18.3 27.5

