

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051215\
 Data File : BF079184.D
 Acq On : 13 May 2015 5:48
 Operator : TP/IZ
 Sample : G2195-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-24-8.5

Quant Time: May 13 06:55:03 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 04:45:03 2015
 Response via : Initial Calibration

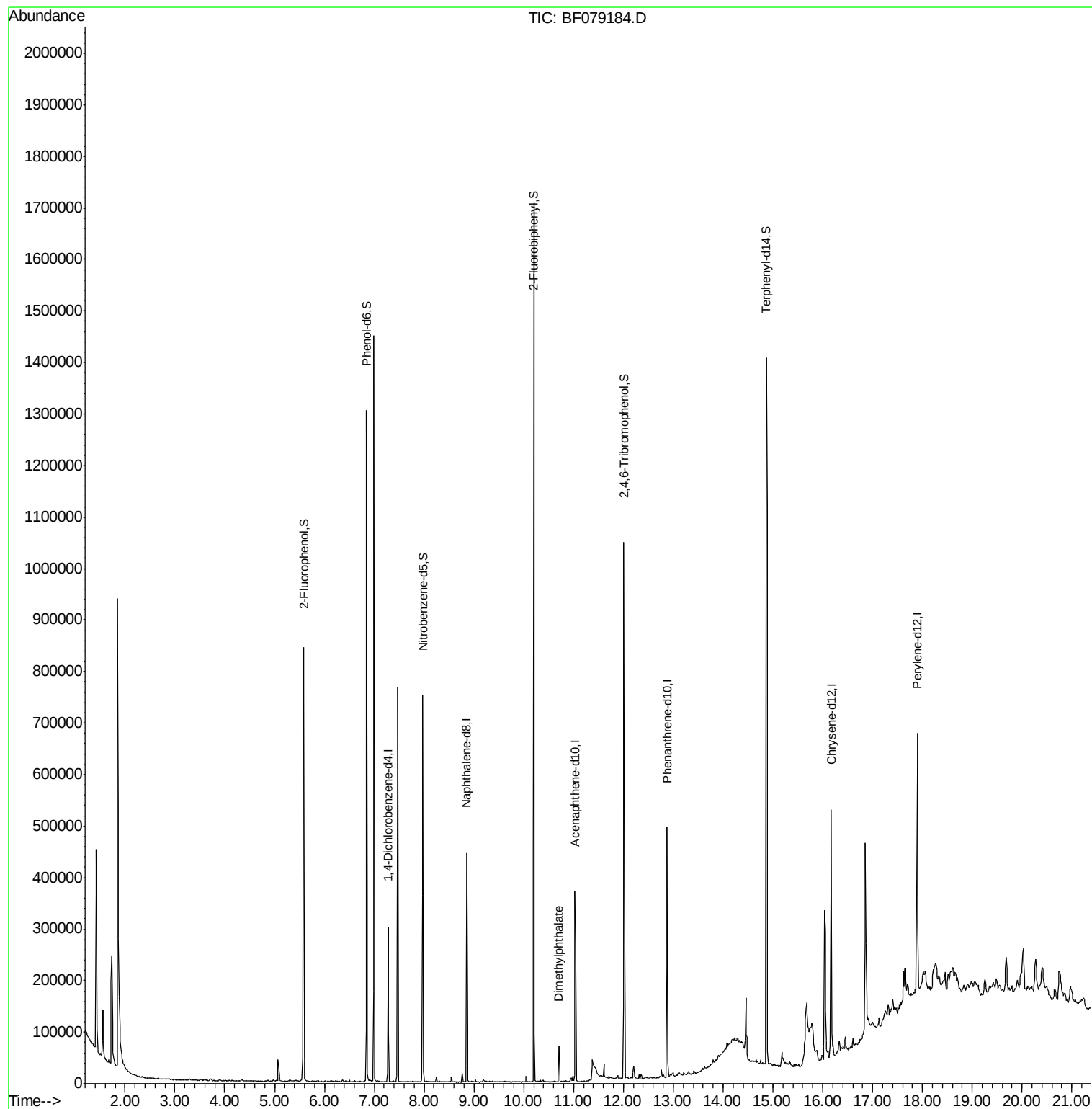
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	49070	20.00	ng	0.00
21) Naphthalene-d8	8.86	136	199923	20.00	ng	0.00
38) Acenaphthene-d10	11.03	164	98734	20.00	ng	-0.01
63) Phenanthrene-d10	12.88	188	199658	20.00	ng	0.00
75) Chrysene-d12	16.17	240	215781	20.00	ng	0.00
86) Perylene-d12	17.90	264	223806	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	366370	128.52	ng	0.00
7) Phenol-d6	6.84	99	462761	122.81	ng	0.00
23) Nitrobenzene-d5	7.98	82	274721	78.97	ng	0.00
41) 2,4,6-Tribromophenol	12.01	330	141122	132.12	ng	-0.01
44) 2-Fluorobiphenyl	10.20	172	533791	75.32	ng	0.00
78) Terphenyl-d14	14.87	244	632035	70.13	ng	-0.01
Target Compounds						
49) Dimethylphthalate	10.71	163	27066	3.74	ng	Qvalue 99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.28 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF079184.D

Acq: 13 May 2015 5:48

Instrument :

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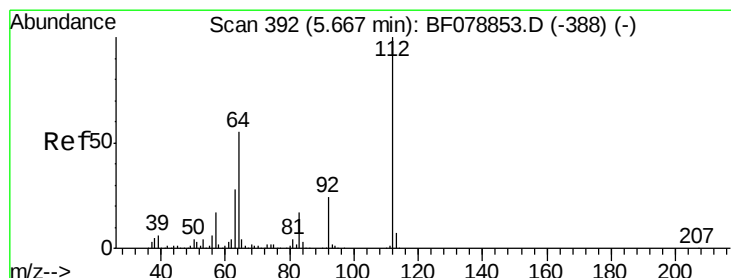
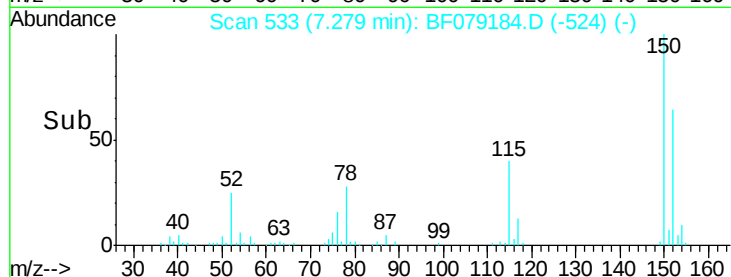
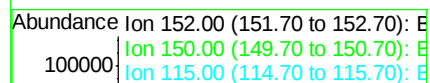
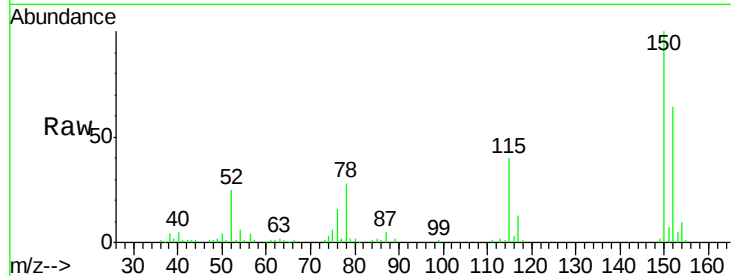
Tgt Ion:152 Resp: 49070

Ion Ratio Lower Upper

152 100

150 156.6 122.0 183.0

115 62.7 46.3 69.5



#5

2-Fluorophenol

Concen: 128.52 ng

RT: 5.59 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF079184.D

Acq: 13 May 2015 5:48

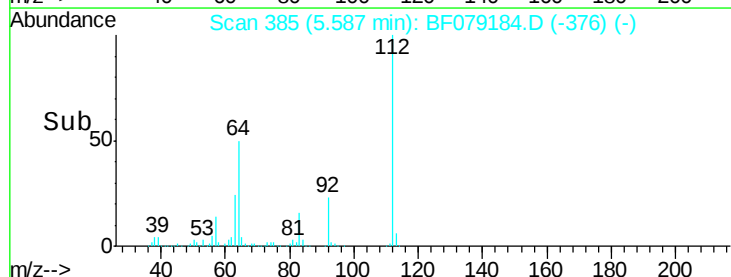
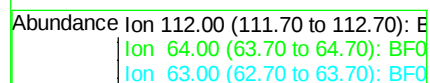
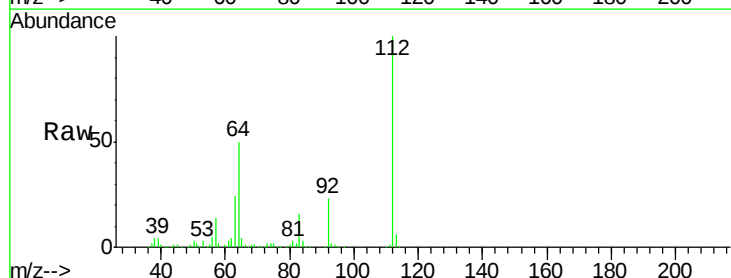
Tgt Ion:112 Resp: 366370

Ion Ratio Lower Upper

112 100

64 49.7 53.5 80.3#

63 24.4 27.5 41.3#





#7

Phenol-d6

Concen: 122.81 ng

RT: 6.84 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF079184.D

Acq: 13 May 2015 5:48

Instrument :

BNA_F

ClientSampleId :

TU012-SB-24-8.5

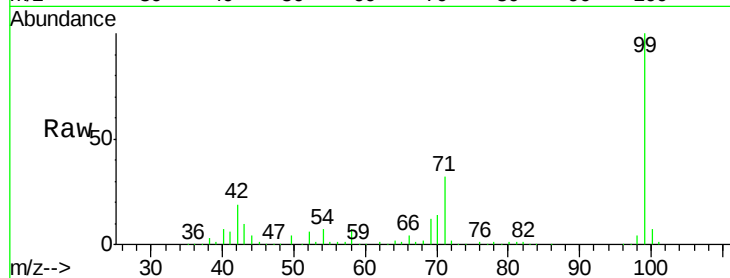
Tgt Ion: 99 Resp: 462761

Ion Ratio Lower Upper

99 100

42 18.7 12.8 19.2

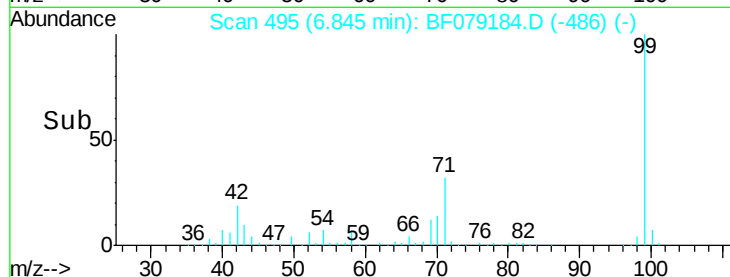
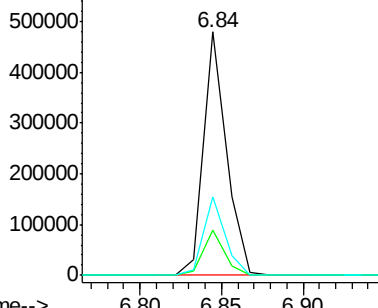
71 32.0 23.4 35.2



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: 8.86 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF079184.D

Acq: 13 May 2015 5:48

Tgt Ion: 136 Resp: 199923

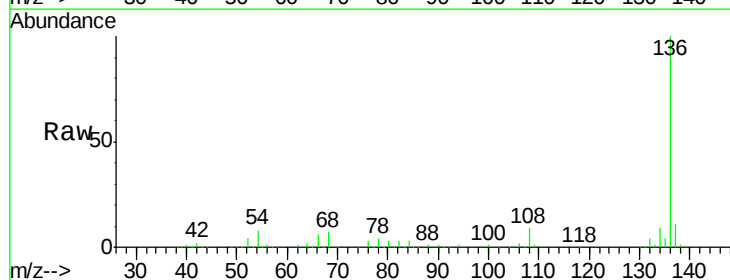
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 8.2 5.8 8.8

68 6.5 4.2 6.4#

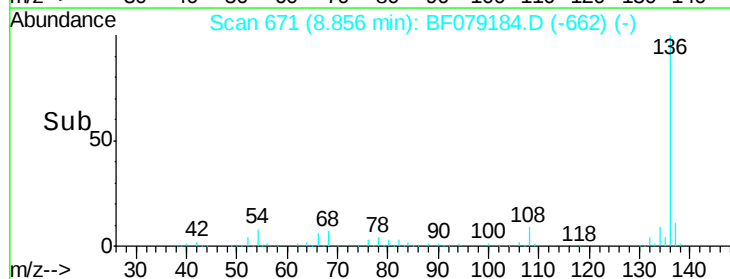
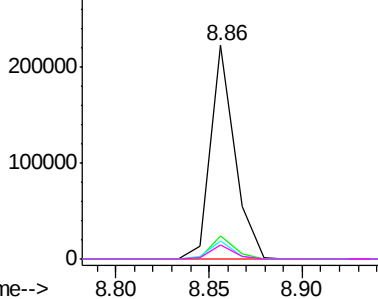


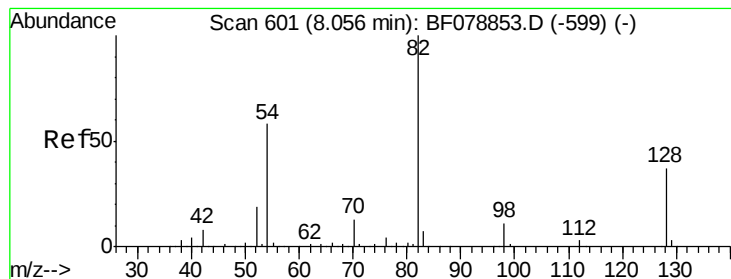
Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.97 ng

RT: 7.98 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF079184.D

Acq: 13 May 2015 5:48

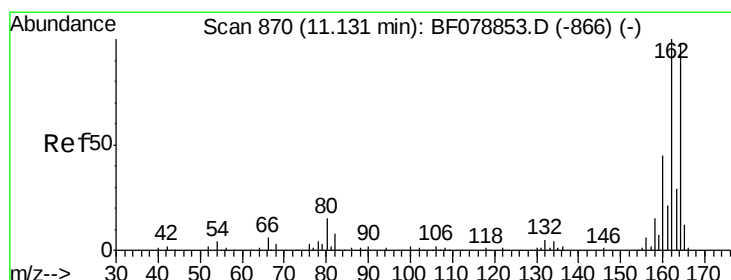
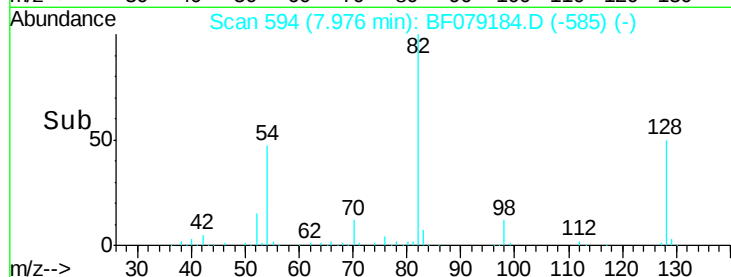
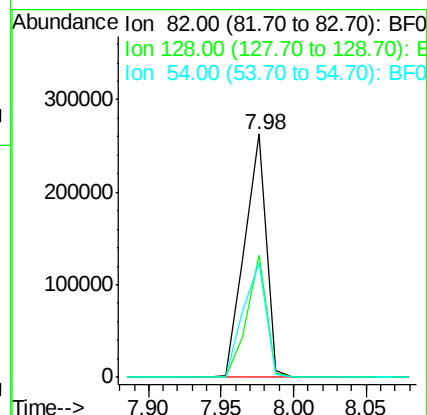
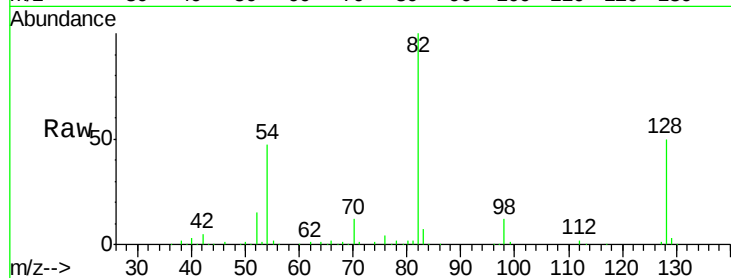
Instrument :

BNA_F

ClientSampleId :

TU012-SB-24-8.5

Tgt Ion:	82	Resp:	274721
Ion	Ratio	Lower	Upper
82	100		
128	50.3	30.0	45.0#
54	47.1	46.4	69.6



#38

Acenaphthene-d10

Concen: 20.00 ng

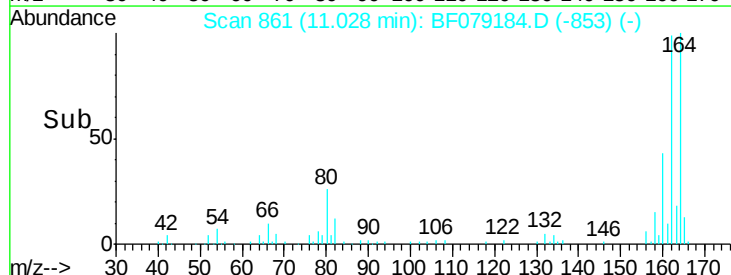
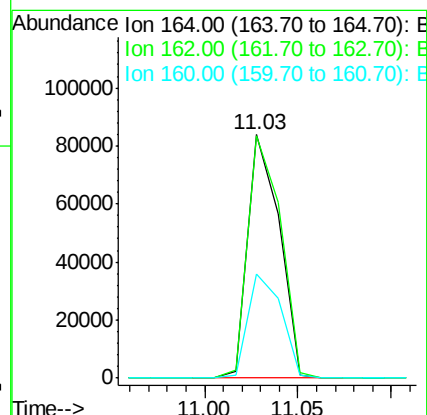
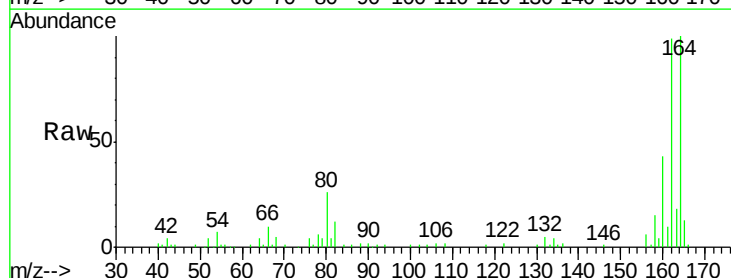
RT: 11.03 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF079184.D

Acq: 13 May 2015 5:48

Tgt Ion:	164	Resp:	98734
Ion	Ratio	Lower	Upper
164	100		
162	99.4	82.7	124.1
160	42.5	35.8	53.8

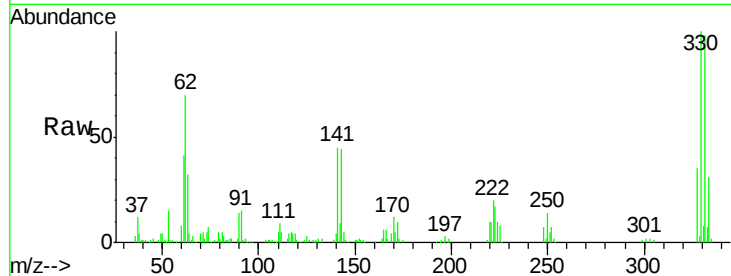




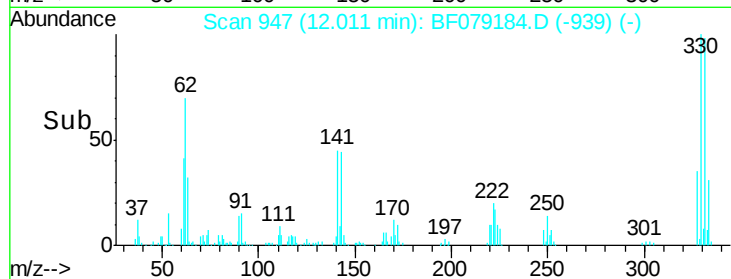
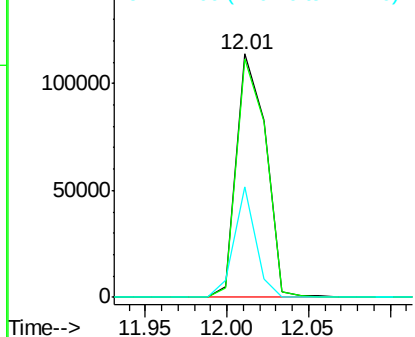
#41
 2,4,6-Tribromophenol
 Concen: 132.12 ng
 RT: 12.01 min Scan# 947
 Delta R.T. -0.01 min
 Lab File: BF079184.D
 Acq: 13 May 2015 5:48

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-24-8.5

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.0	0.0	0.0#
141	33.5	0.0	0.0#

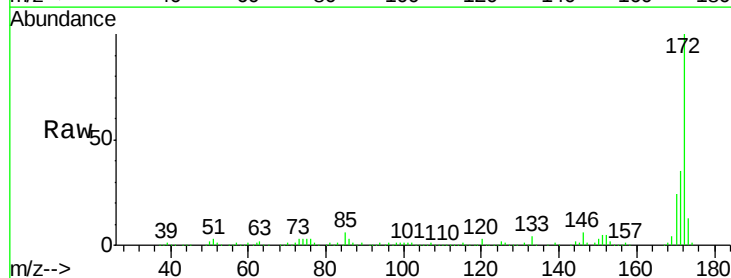


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

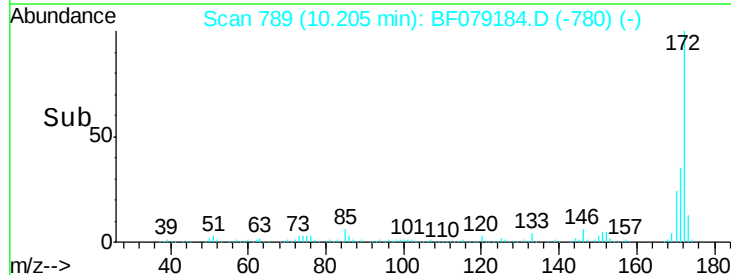
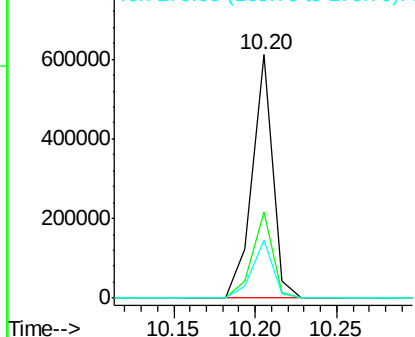


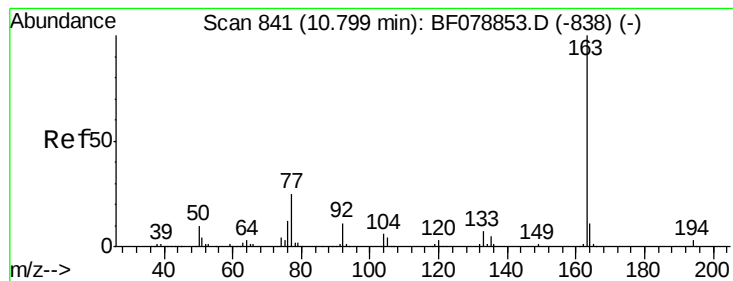
#44
 2-Fluorobiphenyl
 Concen: 75.32 ng
 RT: 10.20 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF079184.D
 Acq: 13 May 2015 5:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.9	41.9
170	24.1	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





#49

Dimethylphthalate

Concen: 3.74 ng

RT: 10.71 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF079184.D

Acq: 13 May 2015 5:48

Instrument :

BNA_F

ClientSampleId :

TU012-SB-24-8.5

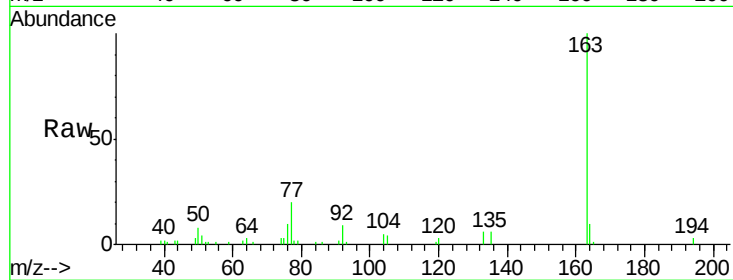
Tgt Ion:163 Resp: 27066

Ion Ratio Lower Upper

163 100

194 2.8 2.6 4.0

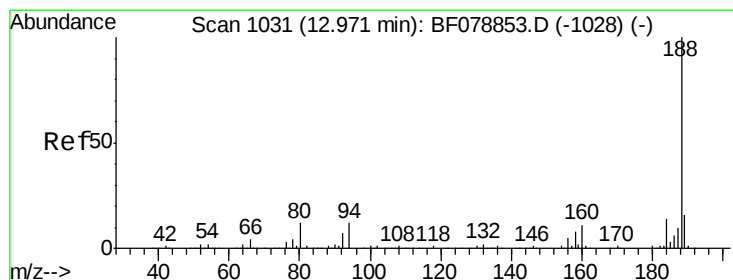
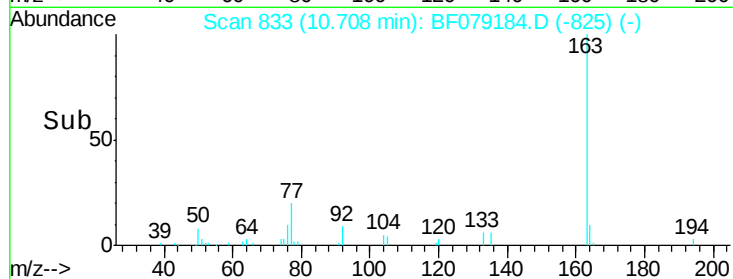
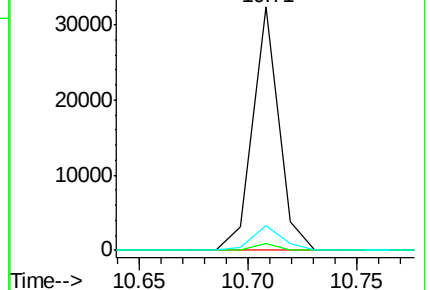
164 10.3 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.88 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF079184.D

Acq: 13 May 2015 5:48

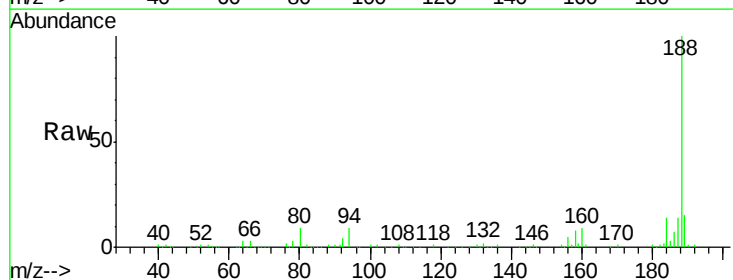
Tgt Ion:188 Resp: 199658

Ion Ratio Lower Upper

188 100

94 8.8 8.2 12.2

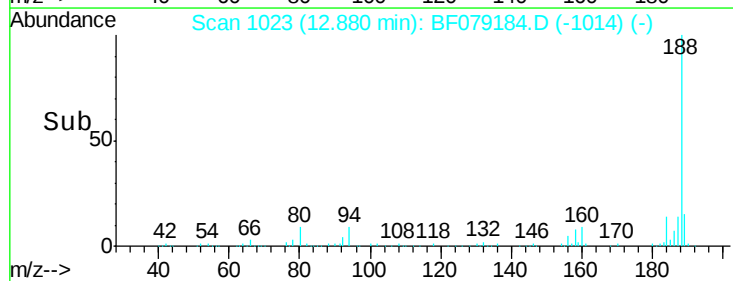
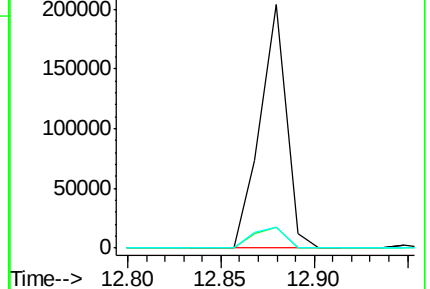
80 8.7 8.9 13.3#

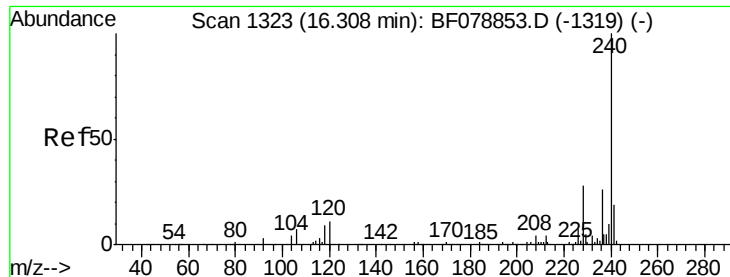


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

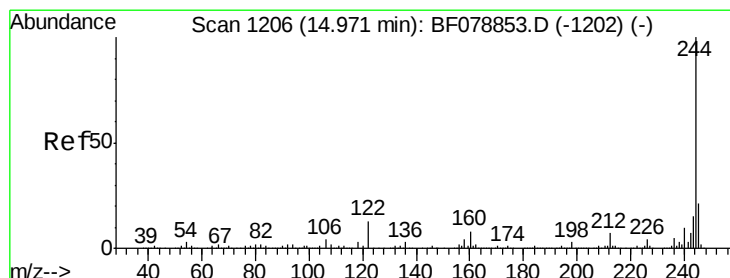
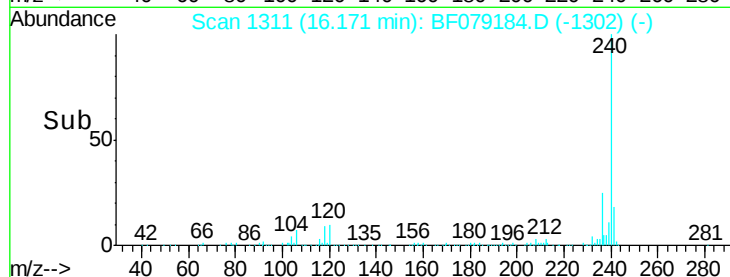
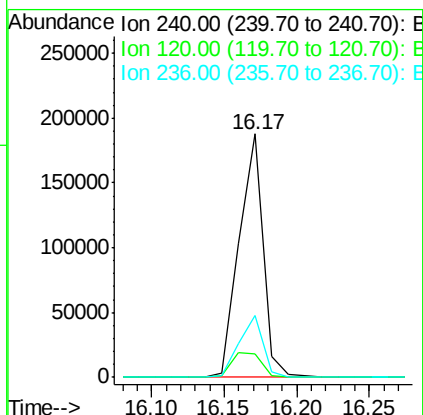
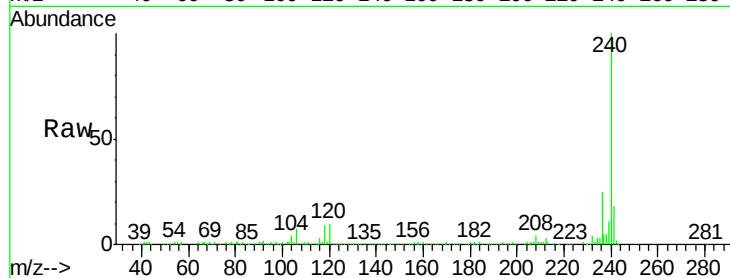




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.17 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF079184.D
Acq: 13 May 2015 5:48

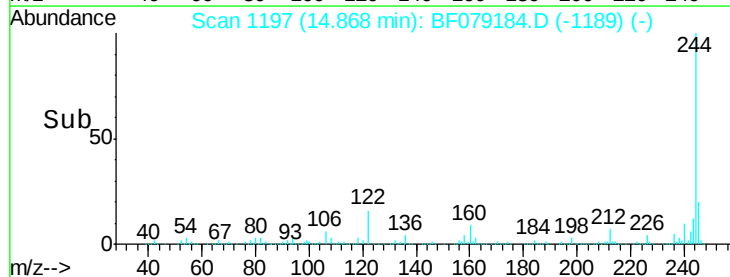
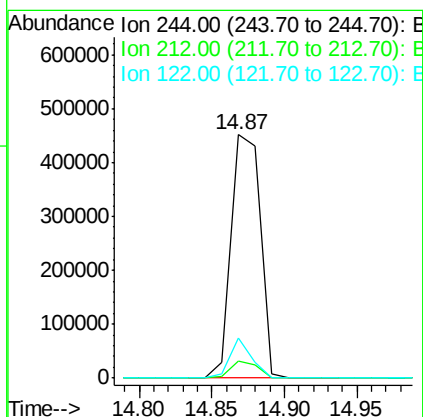
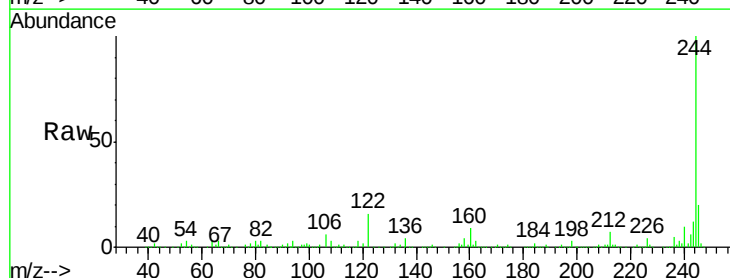
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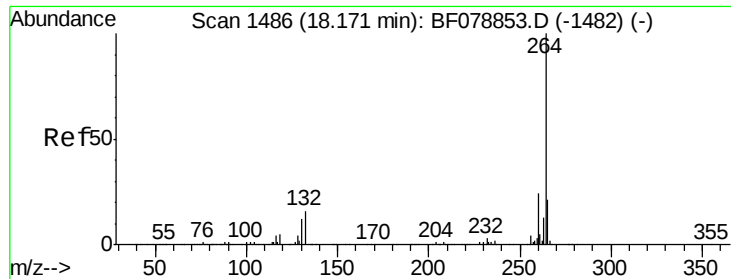
Tgt Ion:240 Resp: 215781
Ion Ratio Lower Upper
240 100
120 9.8 9.7 14.5
236 25.5 20.2 30.4



#78
Terphenyl-d14
Concen: 70.13 ng
RT: 14.87 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF079184.D
Acq: 13 May 2015 5:48

Tgt Ion:244 Resp: 632035
Ion Ratio Lower Upper
244 100
212 7.1 5.6 8.4
122 16.4 10.3 15.5#

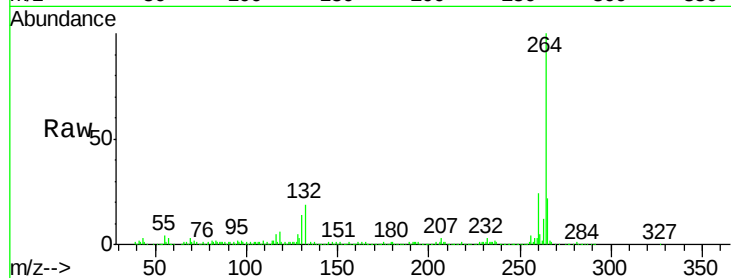




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.90 min Scan# 1462
Delta R.T. 0.02 min
Lab File: BF079184.D
Acq: 13 May 2015 5:48

Instrument :
BNA_F
ClientSampleId :
TU012-SB-24-8.5

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.8	18.3	27.5



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

