

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051915\
 Data File : BF079350.D
 Acq On : 19 May 2015 19:09
 Operator : TP/IZ
 Sample : G2265-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BLIND-DUPLICATE

Quant Time: May 20 05:47:11 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 05:08:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	39475	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	160852	20.00	ng	0.00
38) Acenaphthene-d10	10.87	164	80011	20.00	ng	-0.01
63) Phenanthrene-d10	12.71	188	163480	20.00	ng	-0.01
75) Chrysene-d12	16.00	240	172913	20.00	ng	-0.02
86) Perylene-d12	17.71	264	180051	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	141038m	61.50	ng	0.00
7) Phenol-d6	6.70	99	110243	36.37	ng	-0.01
23) Nitrobenzene-d5	7.82	82	243472	86.99	ng	-0.01
41) 2,4,6-Tribromophenol	11.85	330	138408	159.90	ng	-0.01
44) 2-Fluorobiphenyl	10.04	172	524986	91.41	ng	-0.01
78) Terphenyl-d14	14.71	244	676027	93.60	ng	-0.01

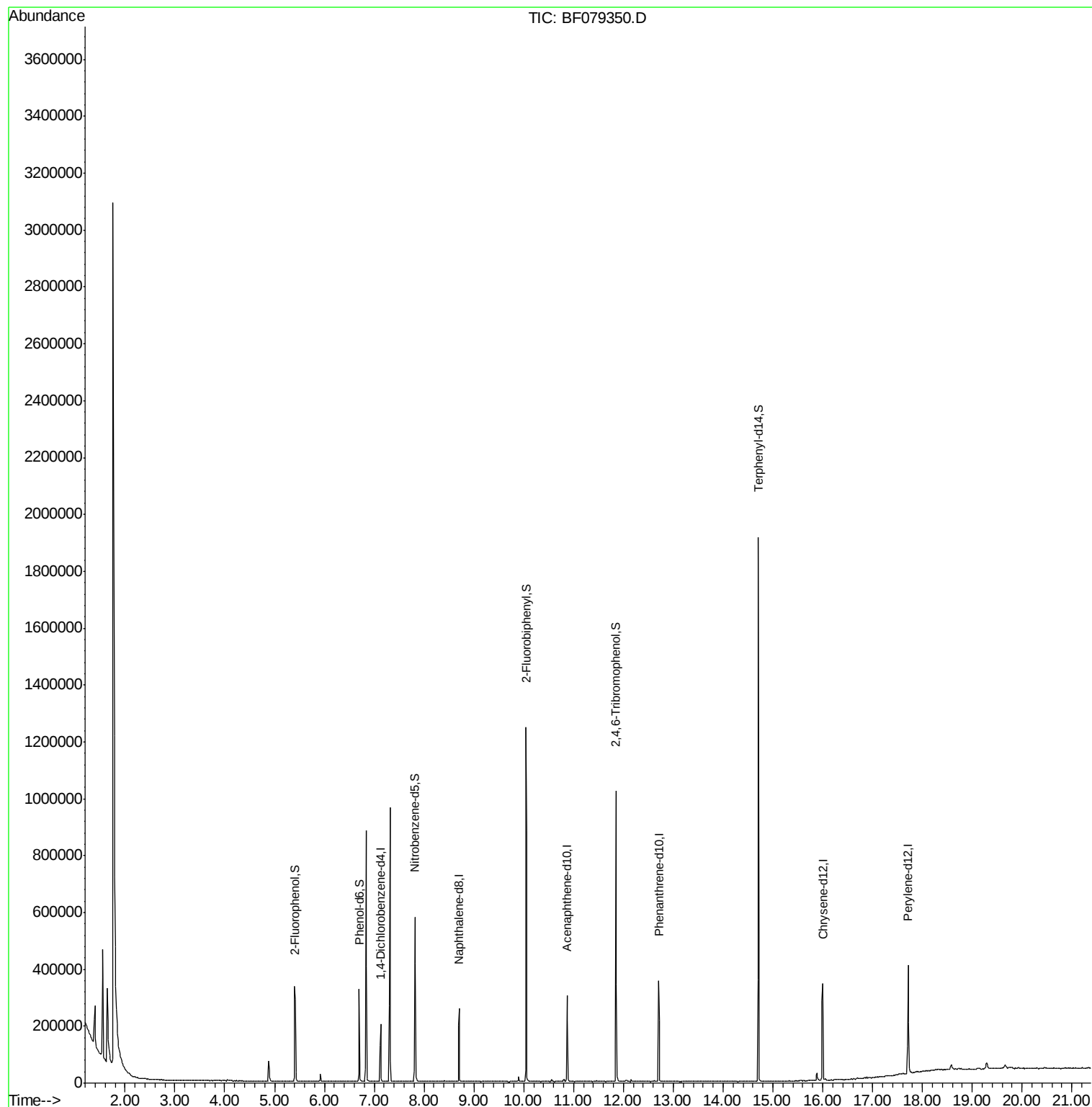
Target Compounds Qvalue

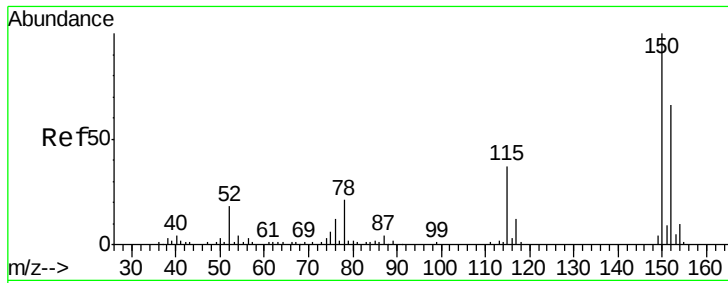
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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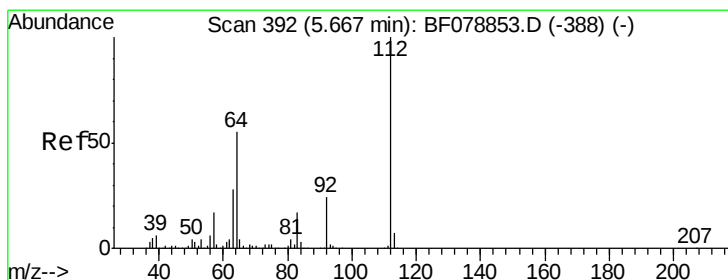
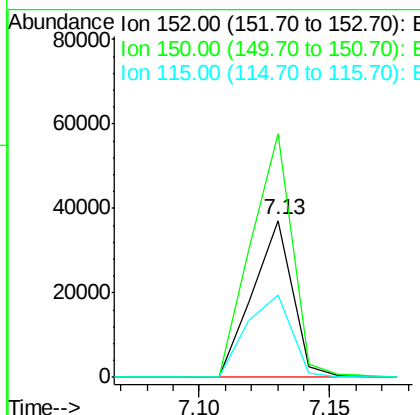
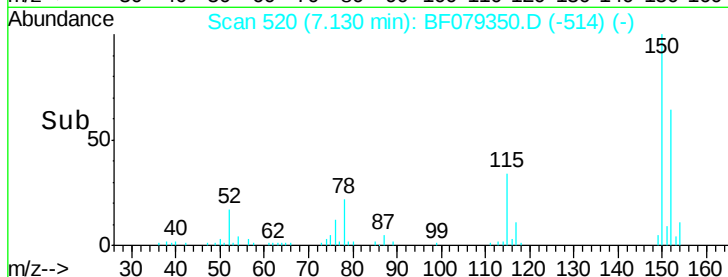
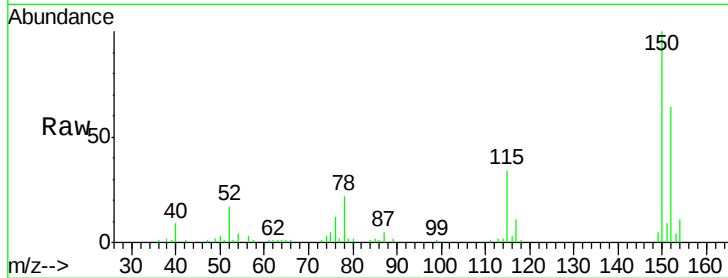




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.13 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF079350.D
 Acq: 19 May 2015 19:09

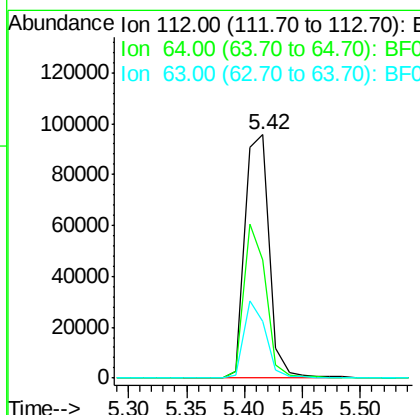
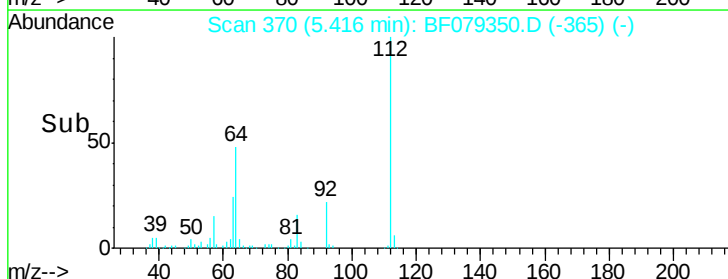
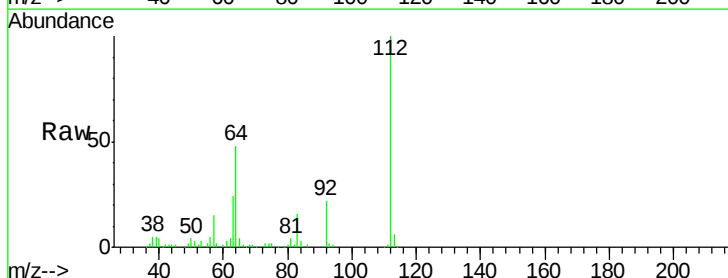
Instrument :
 BNA_F
 ClientSampleId :
 BLIND-DUPLICATE

Tot Ion:	152	Resp:	39475
Ion	Ratio	Lower	Upper
152	100		
150	155.4	123.8	185.8
115	52.8	49.4	74.0



#5
 2-Fluorophenol
 Concen: 61.50 ng m
 RT: 5.42 min Scan# 370
 Delta R.T. 0.00 min
 Lab File: BF079350.D
 Acq: 19 May 2015 19:09

Tgt Ion:	112	Resp:	141038
Ion	Ratio	Lower	Upper
112	100		
64	48.4	44.2	66.2
63	23.5	22.7	34.1





#7

Phenol-d6

Concen: 36.37 ng

RT: 6.70 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF079350.D

Acq: 19 May 2015 19:09

Instrument :

BNA_F

ClientSampleId :

BLIND-DUPLICATE

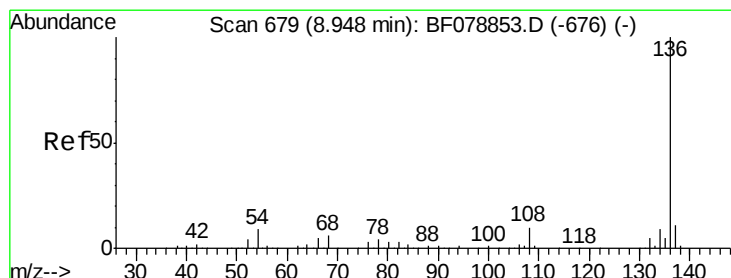
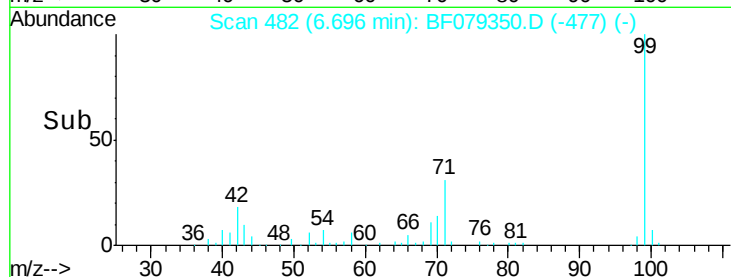
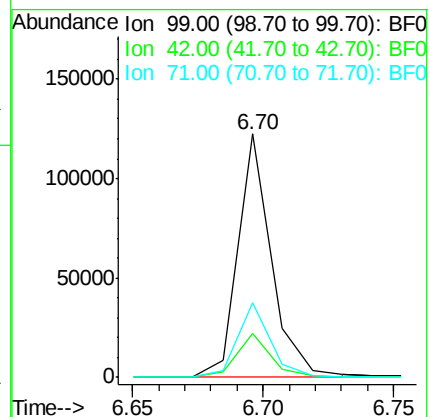
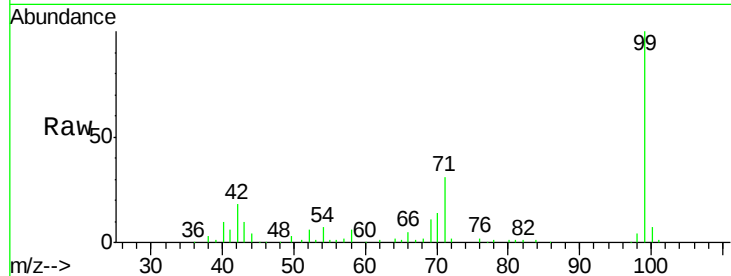
Tot Ion: 99 Resp: 110243

Ion Ratio Lower Upper

99 100

42 17.9 17.1 25.7

71 30.6 26.3 39.5



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.71 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF079350.D

Acq: 19 May 2015 19:09

Tgt Ion: 136 Resp: 160852

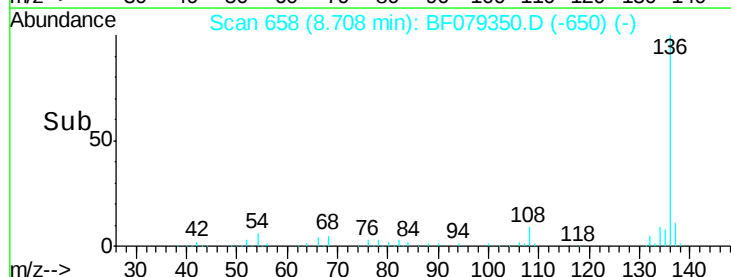
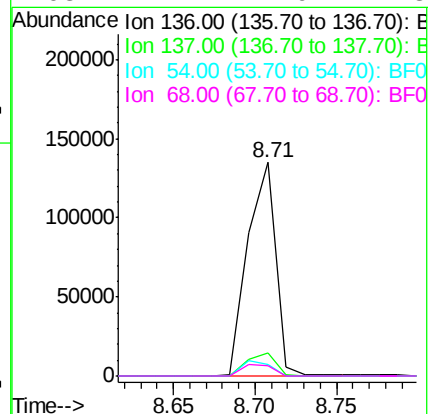
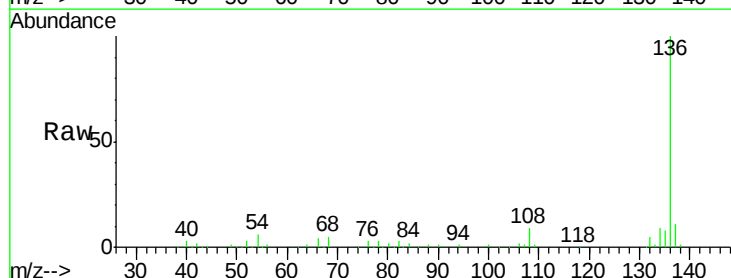
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 5.6 6.9 10.3#

68 4.7 4.9 7.3#





#23

Nitrobenzene-d5

Concen: 86.99 ng

RT: 7.82 min Scan# 580

Delta R.T. -0.01 min

Lab File: BF079350.D

Acq: 19 May 2015 19:09

Instrument :

BNA_F

ClientSampleId :

BLIND-DUPLICATE

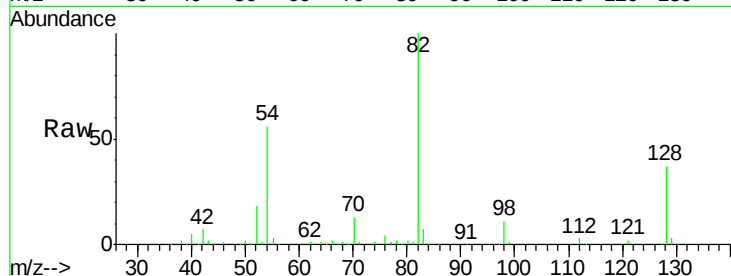
Tot Ion: 82 Resp: 243472

Ion Ratio Lower Upper

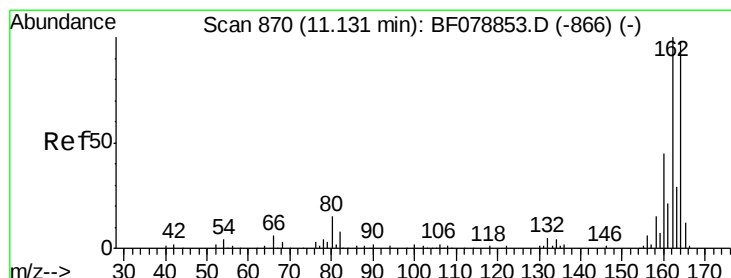
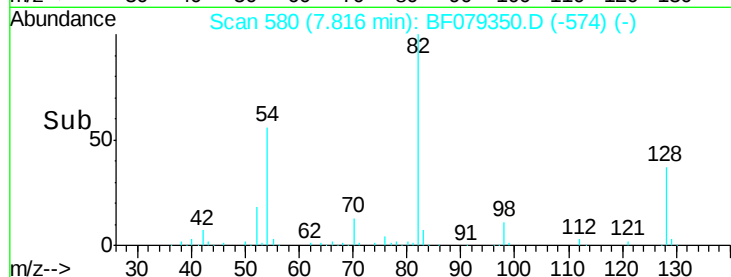
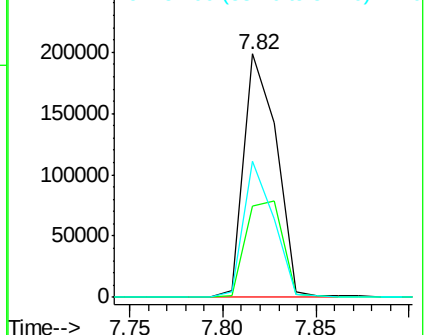
82 100

128 37.2 29.7 44.5

54 55.8 46.2 69.4



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.87 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF079350.D

Acq: 19 May 2015 19:09

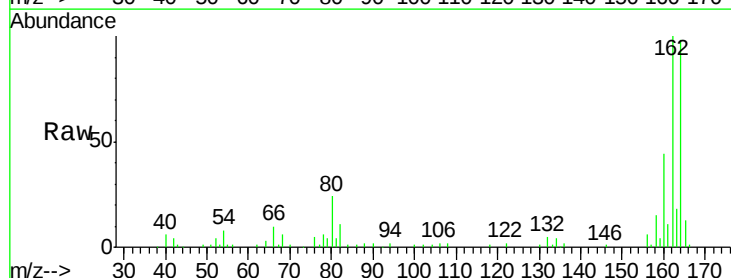
Tgt Ion:164 Resp: 80011

Ion Ratio Lower Upper

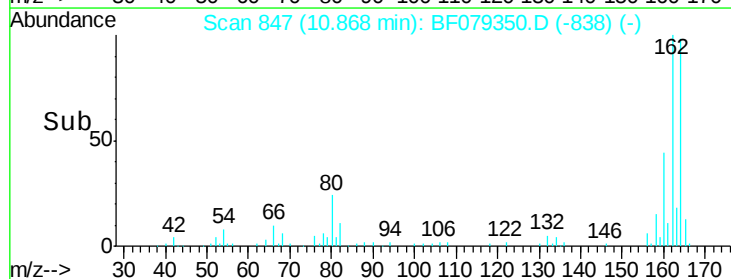
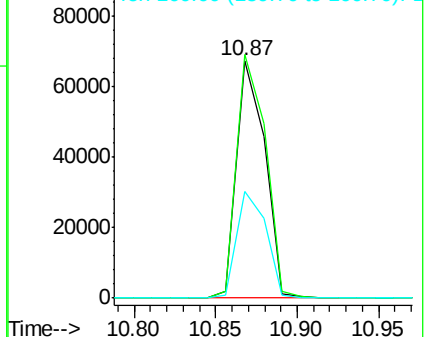
164 100

162 102.4 81.4 122.0

160 44.8 36.6 54.8



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

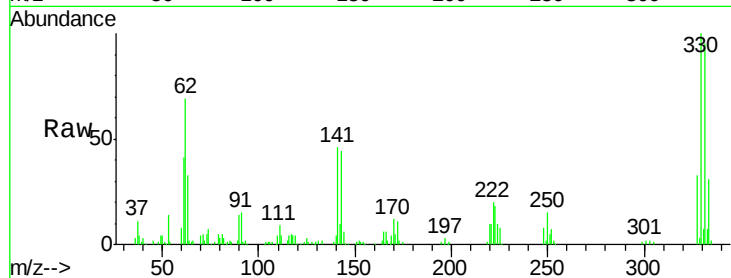




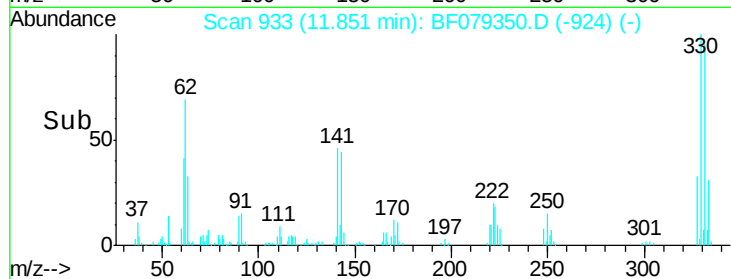
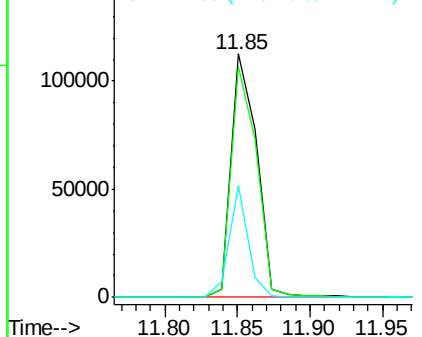
#41
 2,4,6-Tribromophenol
 Concen: 159.90 ng
 RT: 11.85 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: BF079350.D
 Acq: 19 May 2015 19:09

Instrument :
 BNA_F
 ClientSampleId :
 BLIND-DUPLICATE

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.9	115.3
141	34.5	27.8	41.8

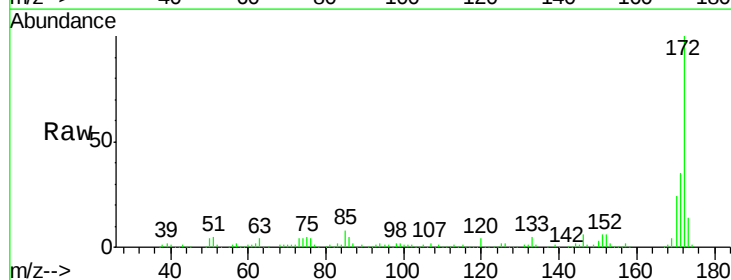


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

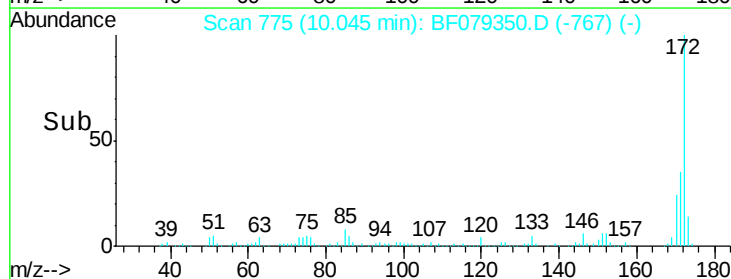
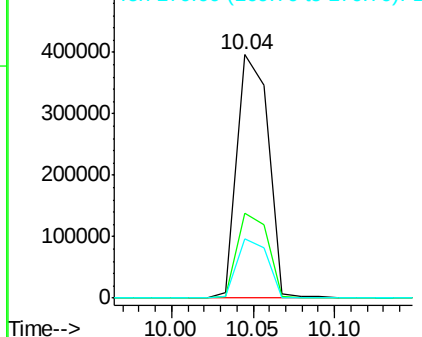


#44
 2-Fluorobiphenyl
 Concen: 91.41 ng
 RT: 10.04 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF079350.D
 Acq: 19 May 2015 19:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.3	42.5
170	24.1	19.4	29.2



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

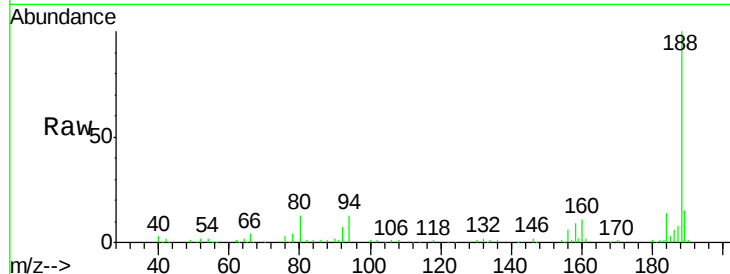




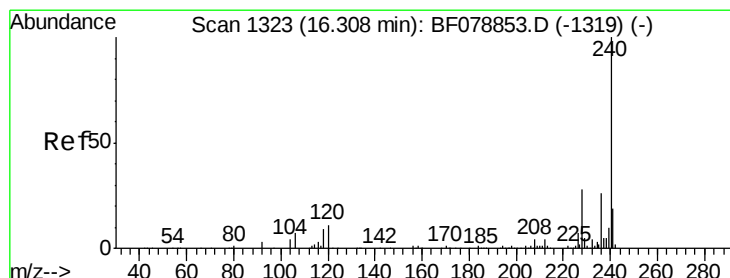
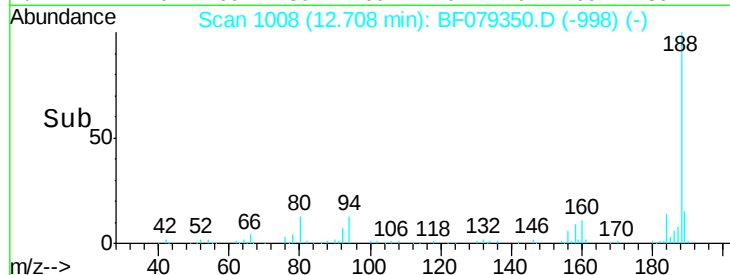
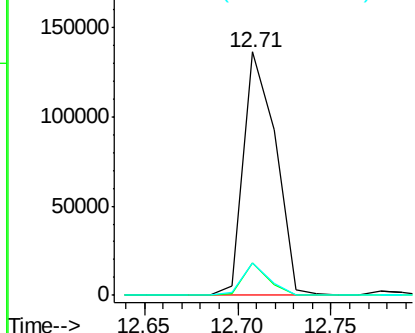
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.71 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF079350.D
Acq: 19 May 2015 19:09

Instrument :
BNA_F
ClientSampleId :
BLIND-DUPLICATE

Tot Ion:188 Resp: 163480
Ion Ratio Lower Upper
188 100
94 13.2 9.4 14.0
80 13.4 9.8 14.6

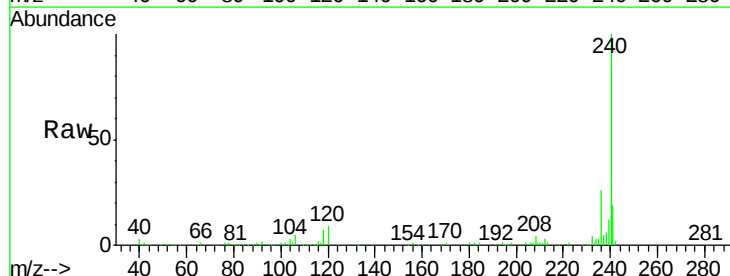


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

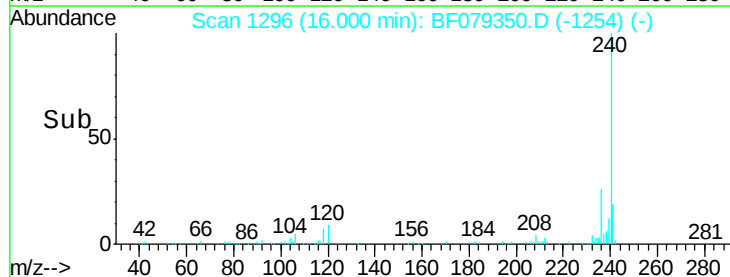
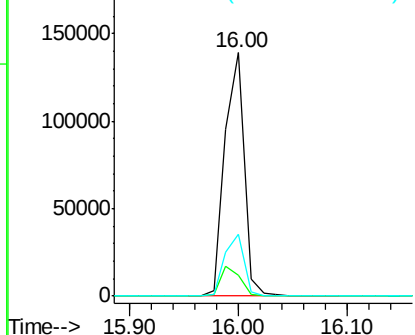


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.00 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BF079350.D
Acq: 19 May 2015 19:09

Tgt Ion:240 Resp: 172913
Ion Ratio Lower Upper
240 100
120 8.8 8.6 12.8
236 25.6 21.0 31.6



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: 93.60 ng

RT: 14.71 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF079350.D

Acq: 19 May 2015 19:09

Instrument :

BNA_F

ClientSampleId :

BLIND-DUPLICATE

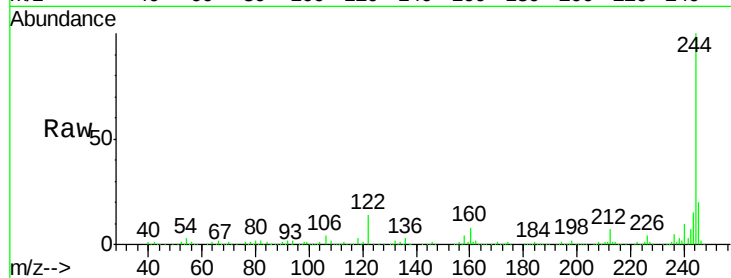
Tot Ion:244 Resp: 676027

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

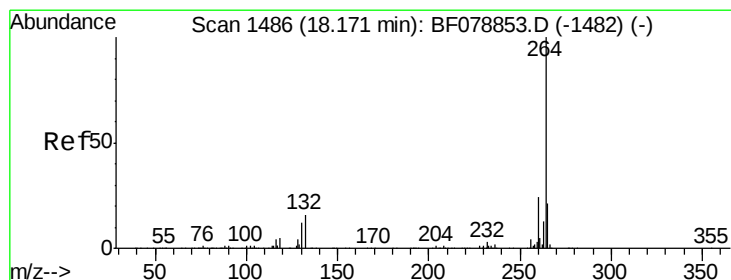
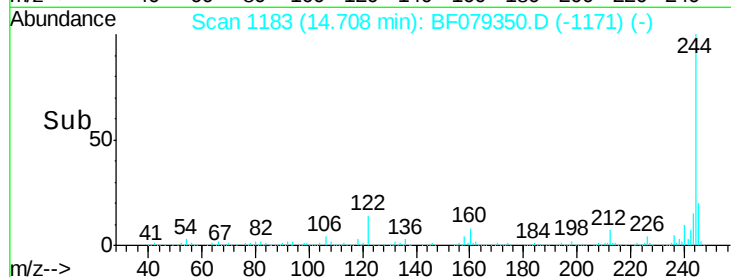
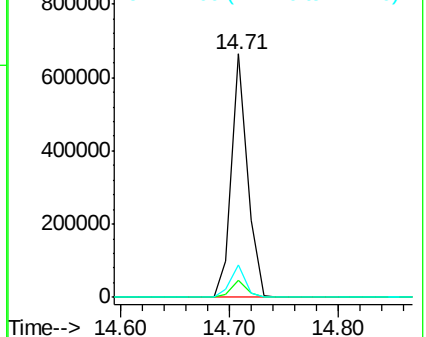
122 13.5 10.5 15.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.71 min Scan# 1446

Delta R.T. -0.10 min

Lab File: BF079350.D

Acq: 19 May 2015 19:09

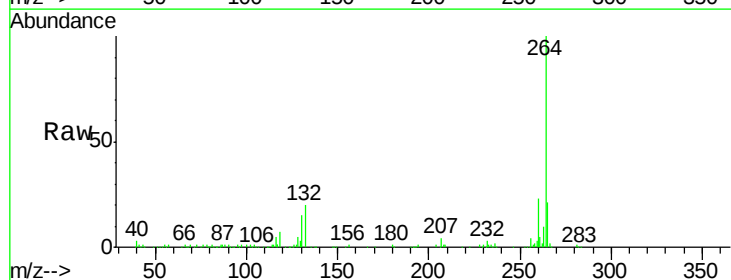
Tgt Ion:264 Resp: 180051

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.1 17.2 25.8



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

