

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
 Data File : BF078814.D
 Acq On : 29 Apr 2015 15:37
 Operator : TP/IZ
 Sample : PB83017BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83017BL

Quant Time: Apr 30 01:13:22 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 00:55:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	77166	20.00	ng	0.00
21) Naphthalene-d8	8.96	136	311921	20.00	ng	0.00
38) Acenaphthene-d10	11.14	164	140899	20.00	ng	0.00
63) Phenanthrene-d10	12.98	188	279451	20.00	ng	0.00
75) Chrysene-d12	16.31	240	269423	20.00	ng	0.01
86) Perylene-d12	18.13	264	263309	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	534732	127.28	ng	0.00
7) Phenol-d6	6.92	99	675268	120.34	ng	0.00
23) Nitrobenzene-d5	8.07	82	361911	83.54	ng	0.00
41) 2,4,6-Tribromophenol	12.13	330	163546	117.29	ng	0.00
44) 2-Fluorobiphenyl	10.31	172	808228	78.55	ng	0.00
78) Terphenyl-d14	14.98	244	891417	78.80	ng	0.00

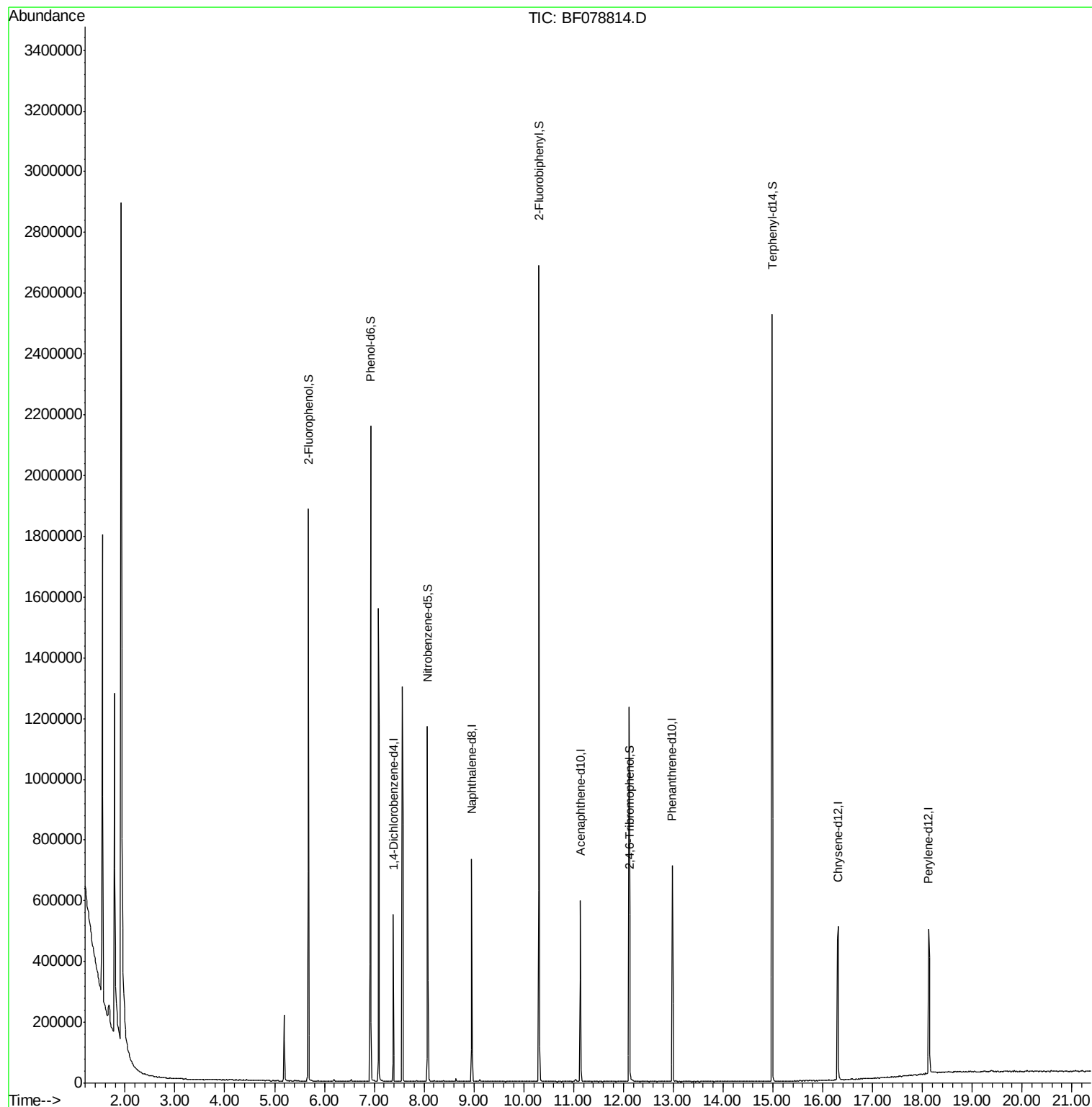
Target Compounds Qvalue

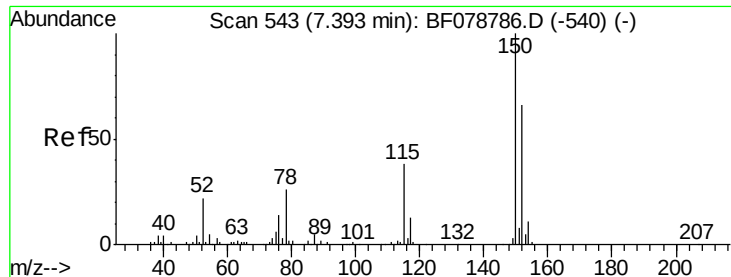
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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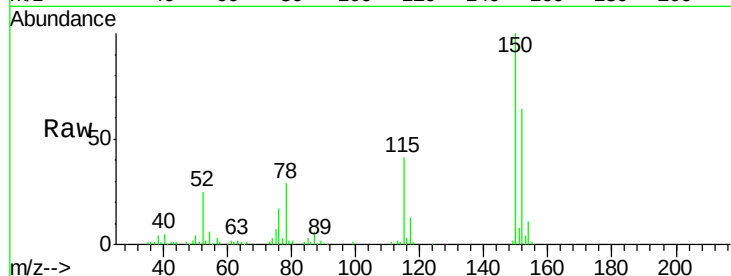


#1

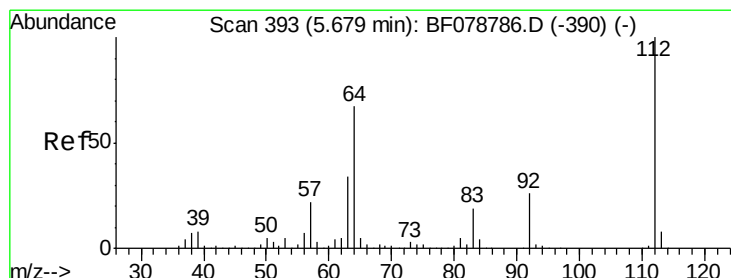
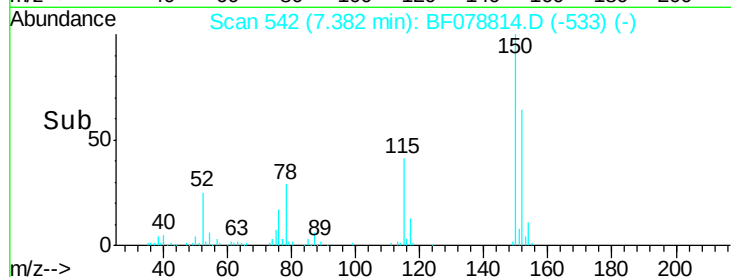
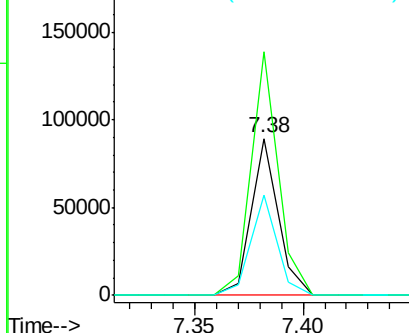
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF078814.D
Acq: 29 Apr 2015 15:37

Instrument :
BNA_F
ClientSampleId :
PB83017BL

Tot Ion:152 Resp: 77166
Ion Ratio Lower Upper
152 100
150 155.4 122.0 183.0
115 63.7 46.3 69.5



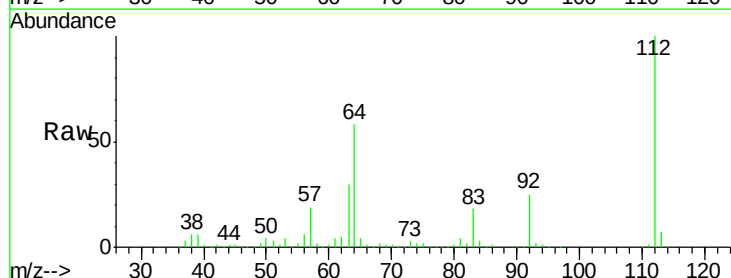
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



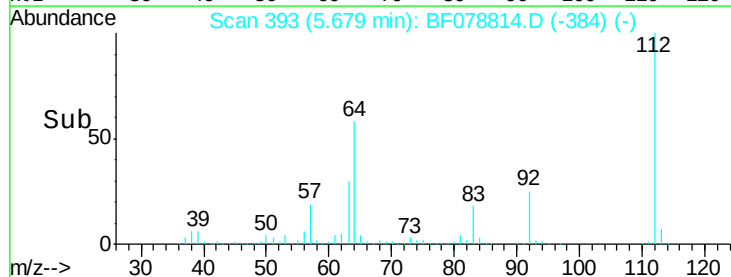
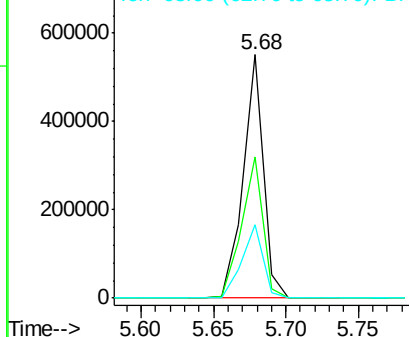
#5

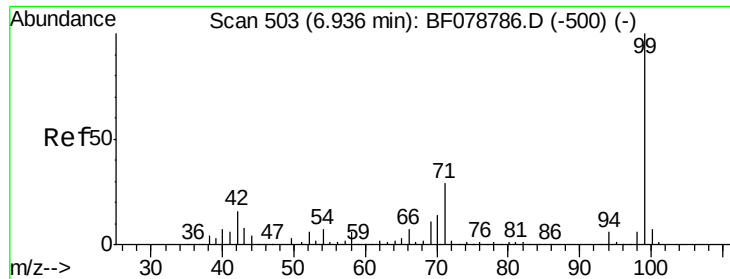
2-Fluorophenol
Concen: 127.28 ng
RT: 5.68 min Scan# 393
Delta R.T. 0.00 min
Lab File: BF078814.D
Acq: 29 Apr 2015 15:37

Tgt Ion:112 Resp: 534732
Ion Ratio Lower Upper
112 100
64 57.8 53.5 80.3
63 29.9 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: 120.34 ng

RT: 6.92 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF078814.D

Acq: 29 Apr 2015 15:37

Instrument :

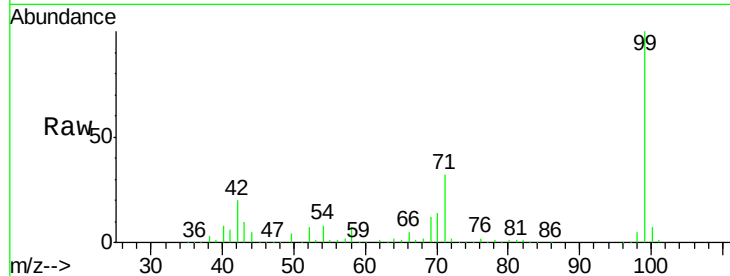
BNA_F

ClientSampleId :

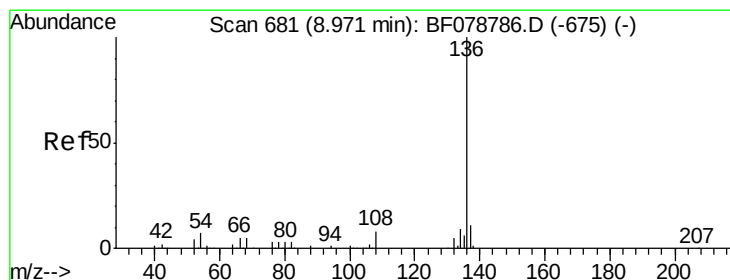
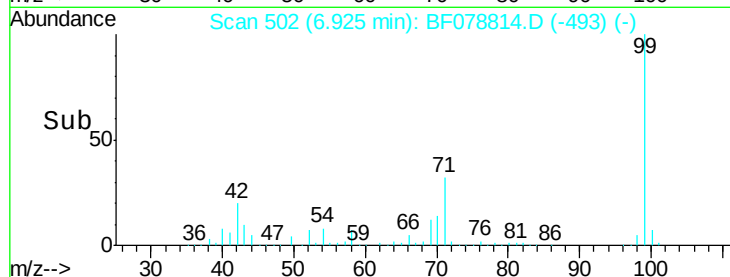
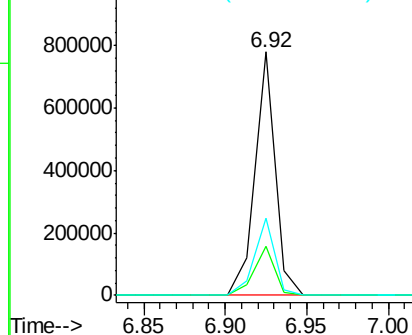
PB83017BL

Tot Ion: 99 Resp: 675268

Ion	Ratio	Lower	Upper
99	100		
42	20.0	12.8	19.2#
71	31.9	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: 8.96 min Scan# 680

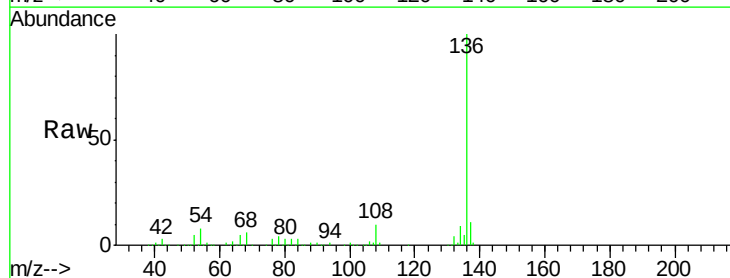
Delta R.T. 0.00 min

Lab File: BF078814.D

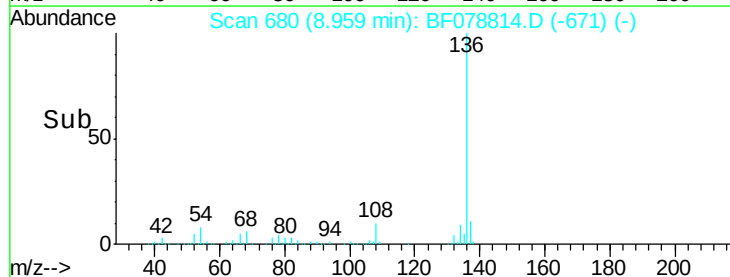
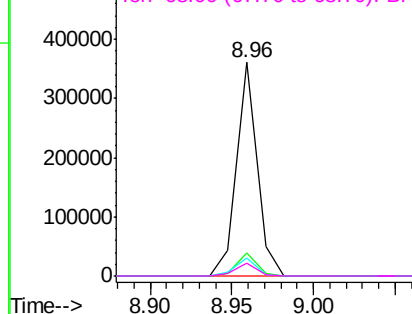
Acq: 29 Apr 2015 15:37

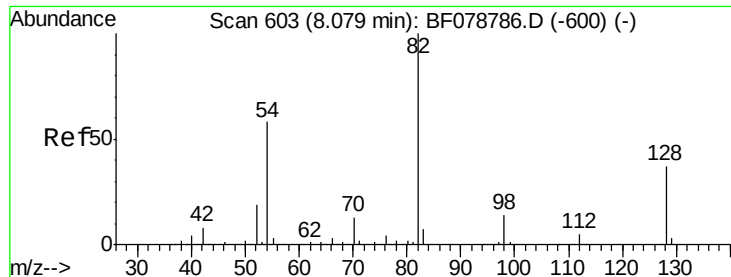
Tgt Ion: 136 Resp: 311921

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	8.2	5.8	8.8
68	6.0	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: 83.54 ng

RT: 8.07 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF078814.D

Acq: 29 Apr 2015 15:37

Instrument :

BNA_F

ClientSampleId :

PB83017BL

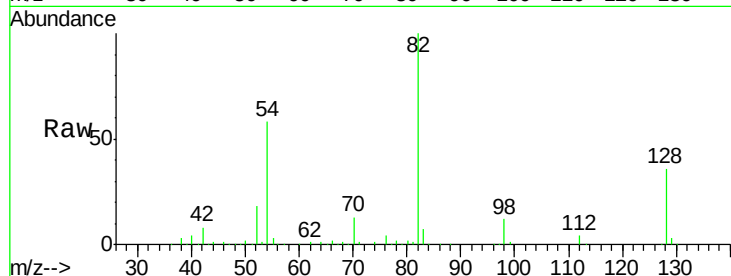
Tot Ion: 82 Resp: 361911

Ion Ratio Lower Upper

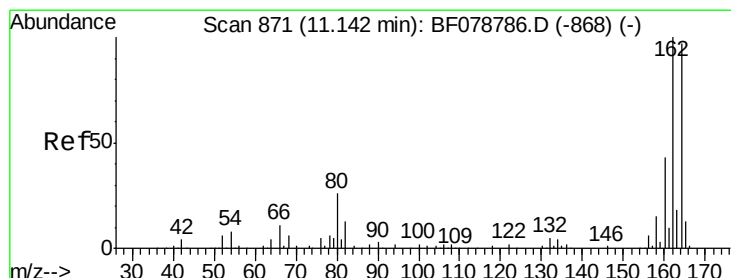
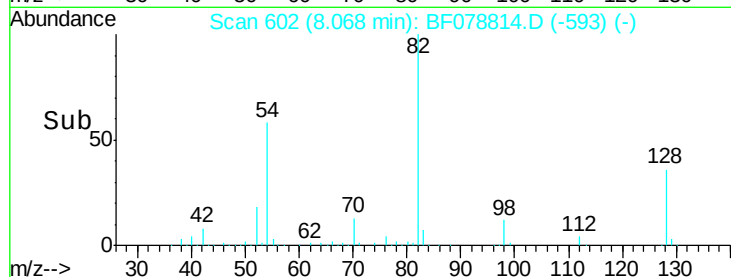
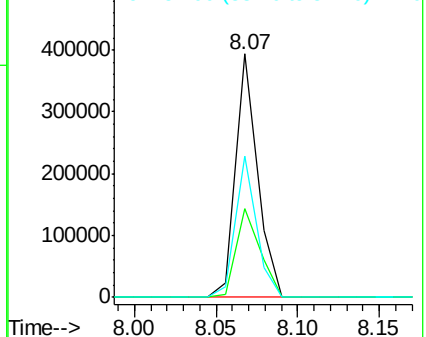
82 100

128 36.4 30.0 45.0

54 57.8 46.4 69.6



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: 11.14 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF078814.D

Acq: 29 Apr 2015 15:37

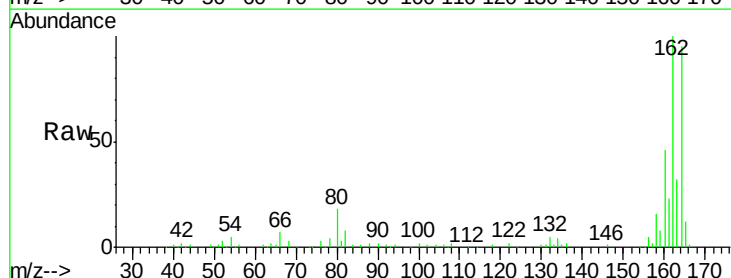
Tgt Ion:164 Resp: 140899

Ion Ratio Lower Upper

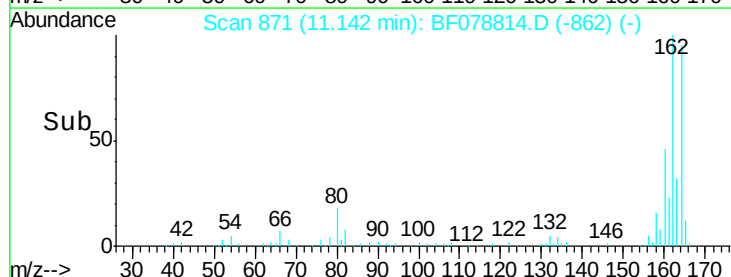
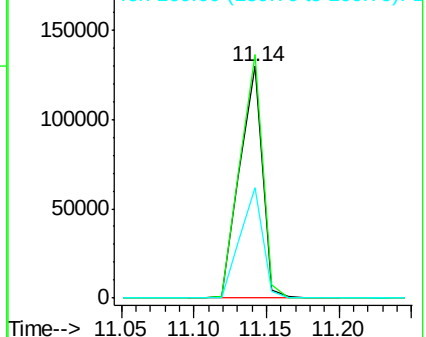
164 100

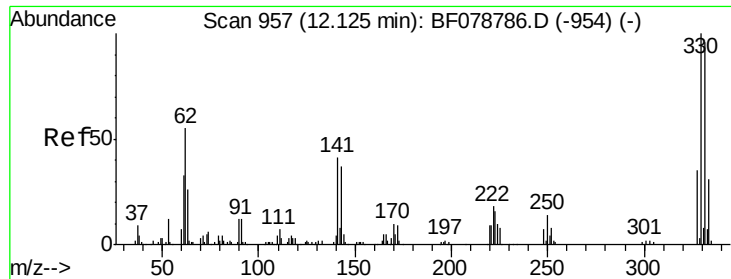
162 105.0 82.7 124.1

160 47.8 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

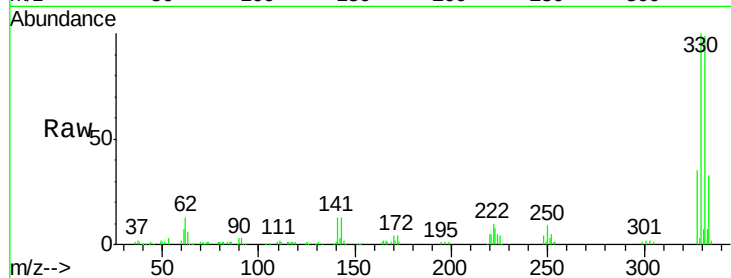




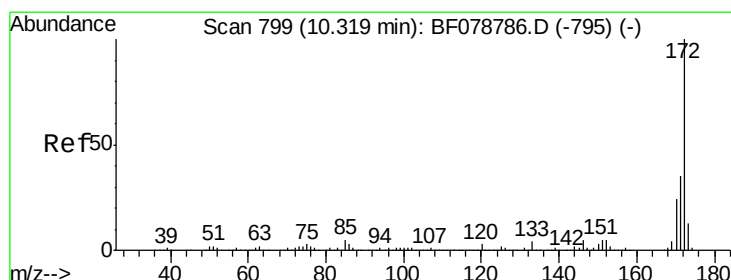
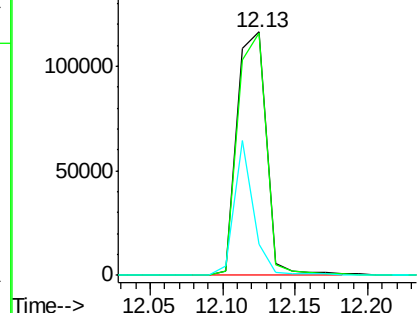
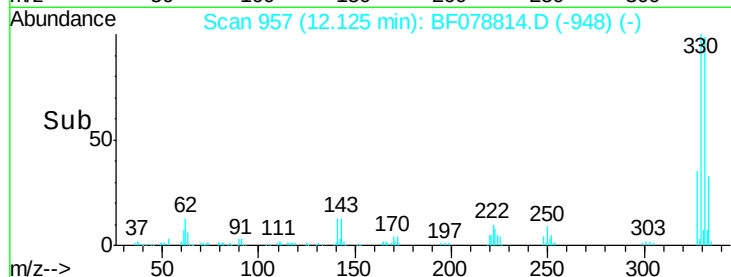
#41
 2,4,6-Tribromophenol
 Concen: 117.29 ng
 RT: 12.13 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF078814.D
 Acq: 29 Apr 2015 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB83017BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	0.0	0.0#
141	36.6	0.0	0.0#

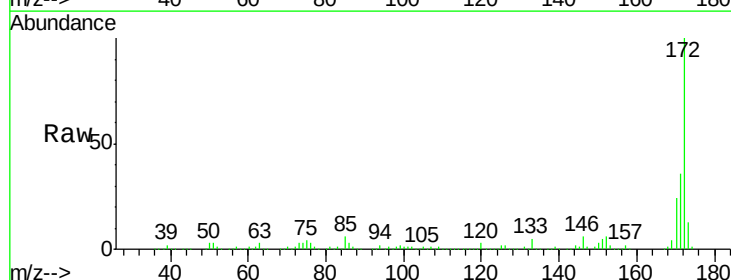


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

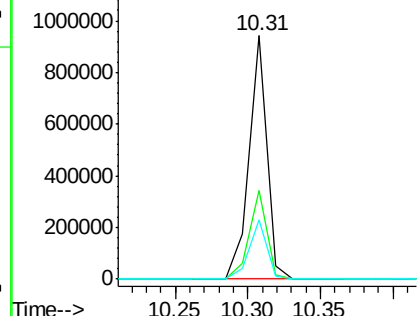
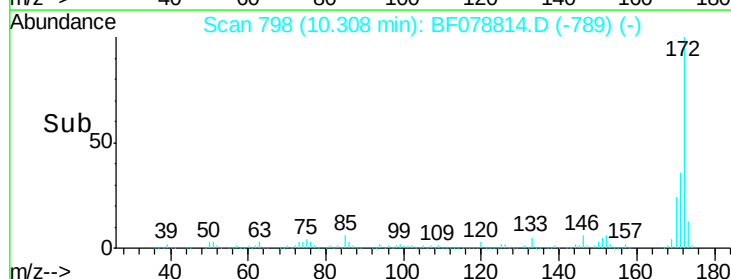


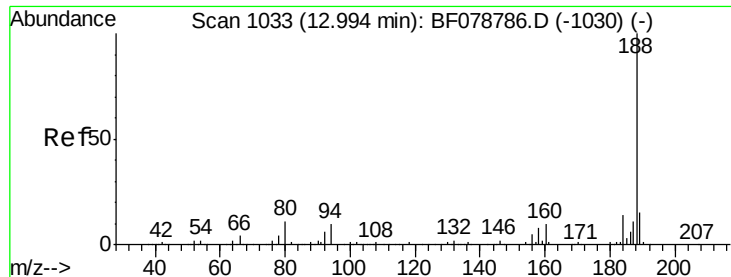
#44
 2-Fluorobiphenyl
 Concen: 78.55 ng
 RT: 10.31 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF078814.D
 Acq: 29 Apr 2015 15:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	27.9	41.9
170	24.5	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

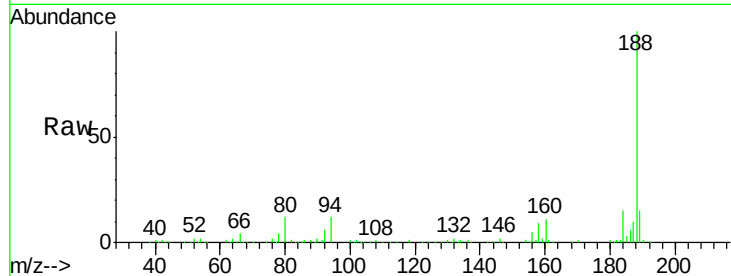




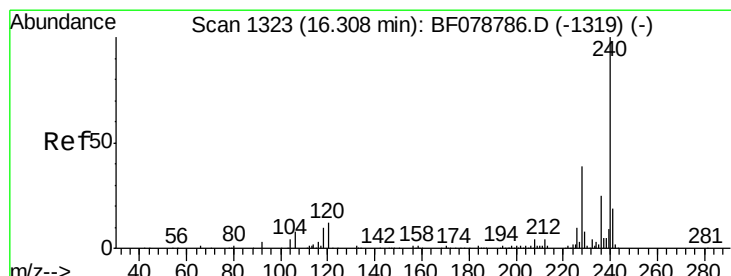
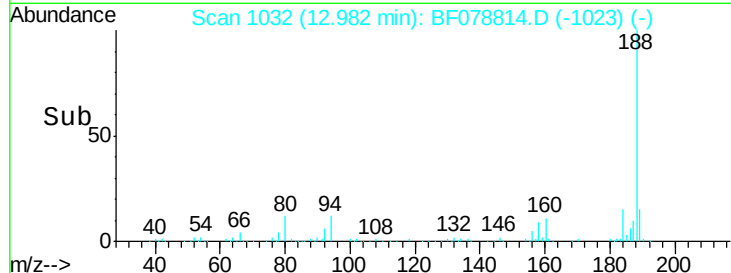
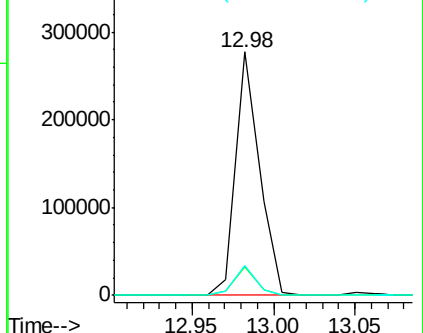
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.98 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF078814.D
Acq: 29 Apr 2015 15:37

Instrument :
BNA_F
ClientSampleId :
PB83017BL

Tot Ion:188 Resp: 279451
Ion Ratio Lower Upper
188 100
94 11.9 8.2 12.2
80 12.3 8.9 13.3

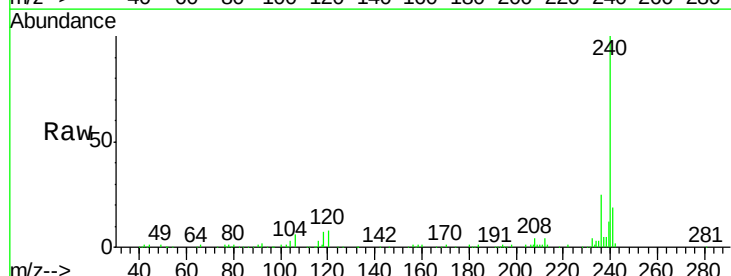


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

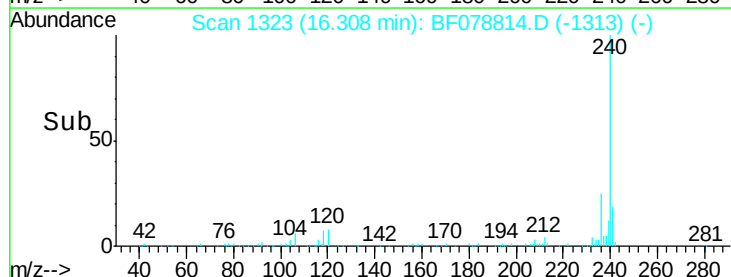
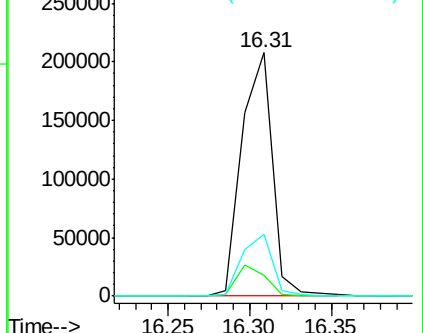


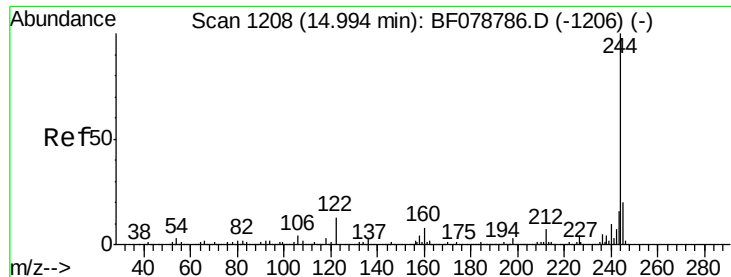
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.31 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF078814.D
Acq: 29 Apr 2015 15:37

Tgt Ion:240 Resp: 269423
Ion Ratio Lower Upper
240 100
120 8.5 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: 78.80 ng

RT: 14.98 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF078814.D

Acq: 29 Apr 2015 15:37

Instrument :

BNA_F

ClientSampled :

PB83017BL

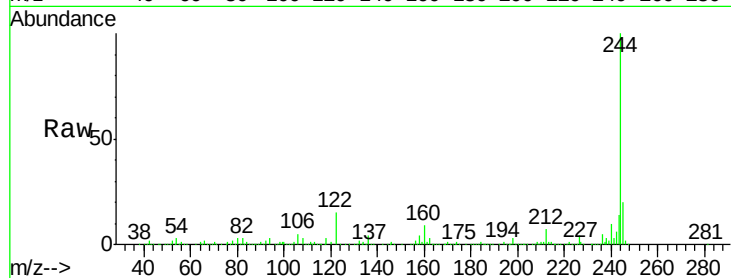
Tot Ion:244 Resp: 891417

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

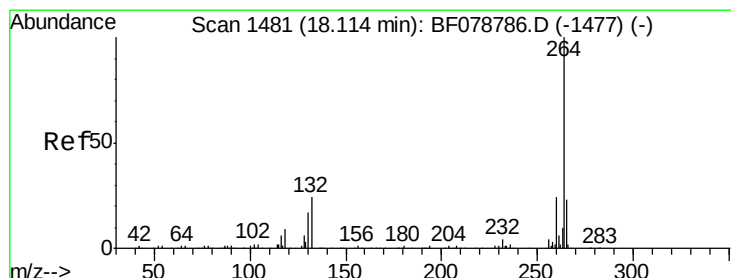
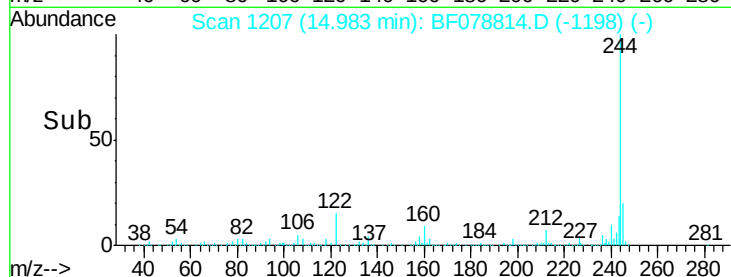
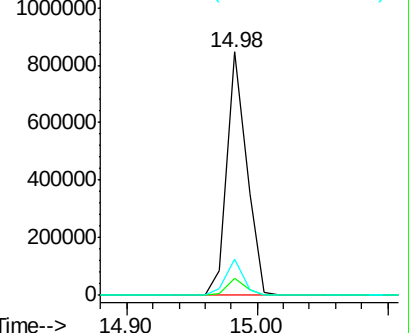
122 14.8 10.3 15.5



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: 18.13 min Scan# 1482

Delta R.T. 0.05 min

Lab File: BF078814.D

Acq: 29 Apr 2015 15:37

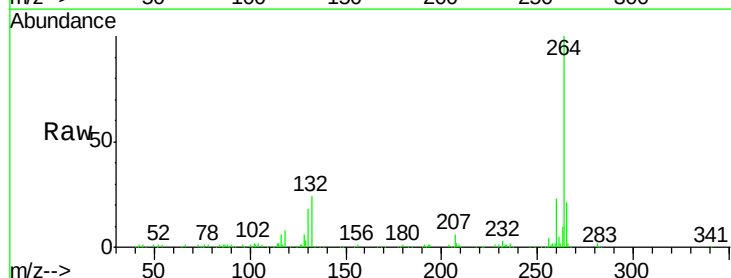
Tgt Ion:264 Resp: 263309

Ion Ratio Lower Upper

264 100

260 23.0 19.4 29.2

265 21.3 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

