

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040915\
 Data File : BF078365.D
 Acq On : 9 Apr 2015 18:23
 Operator : TP/IZ
 Sample : G1783-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB

Quant Time: Apr 10 01:37:08 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 00:58:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	48133	20.00	ng	0.00
21) Naphthalene-d8	8.46	136	205133	20.00	ng	0.00
38) Acenaphthene-d10	10.62	164	103064	20.00	ng	0.00
63) Phenanthrene-d10	12.44	188	202612	20.00	ng	-0.01
75) Chrysene-d12	15.73	240	210738	20.00	ng	0.01
86) Perylene-d12	17.55	264	195790	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	151402	51.86	ng	0.00
7) Phenol-d6	6.48	99	125567	34.32	ng	-0.01
23) Nitrobenzene-d5	7.58	82	235122	69.47	ng	0.00
41) 2,4,6-Tribromophenol	11.60	330	95078	111.23	ng	-0.01
44) 2-Fluorobiphenyl	9.81	172	522295	72.44	ng	0.00
78) Terphenyl-d14	14.44	244	593310	63.62	ng	0.00

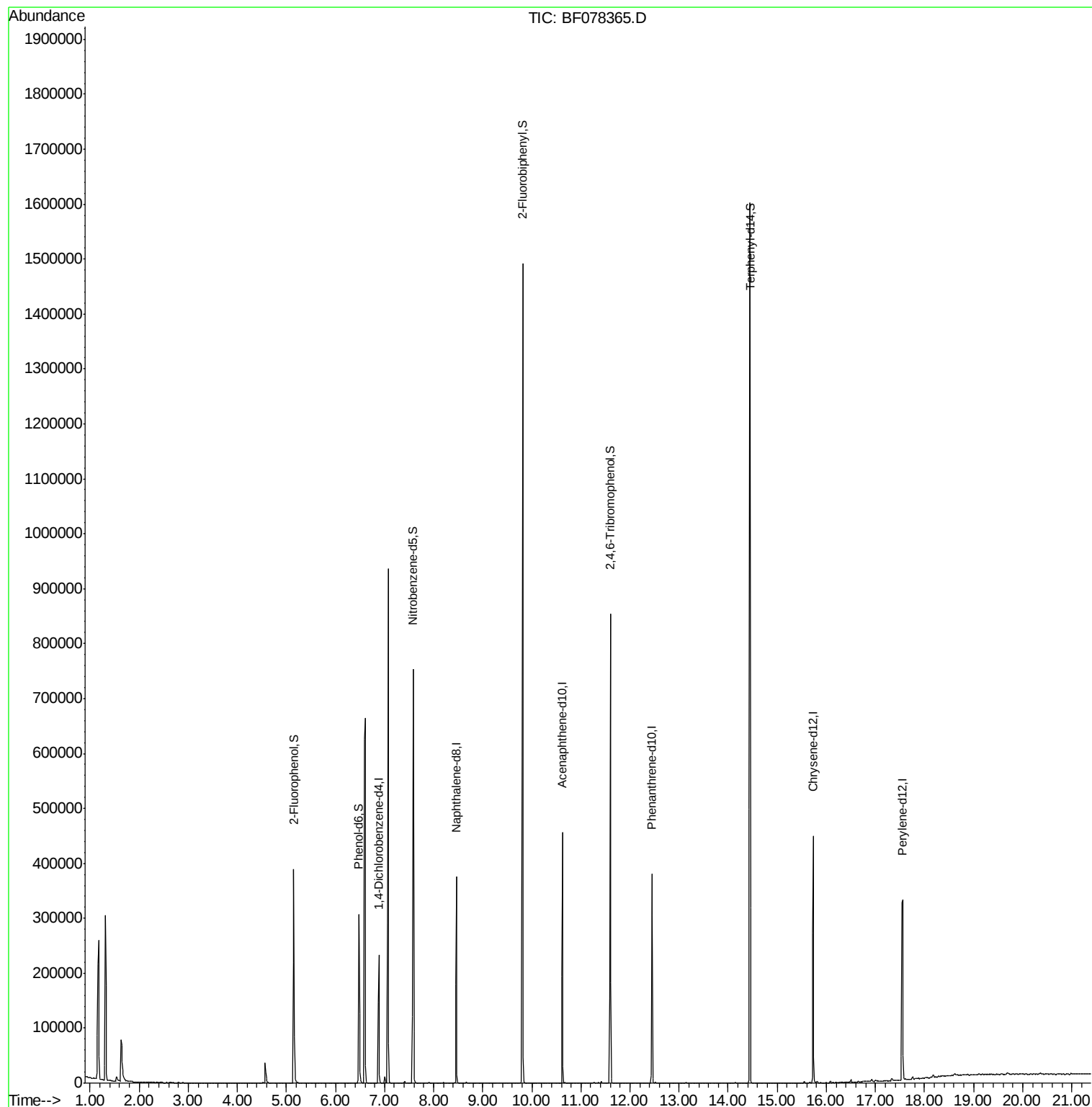
Target Compounds Qvalue

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

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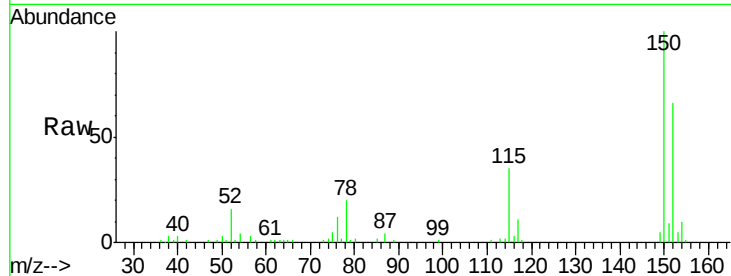


#1

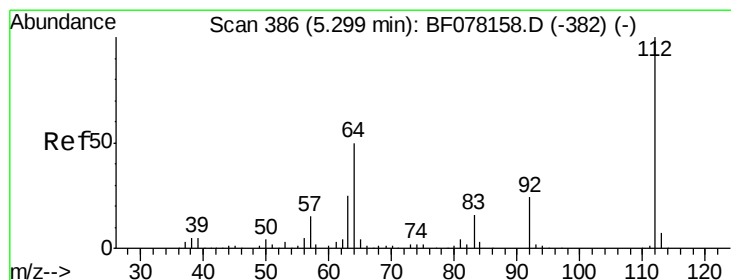
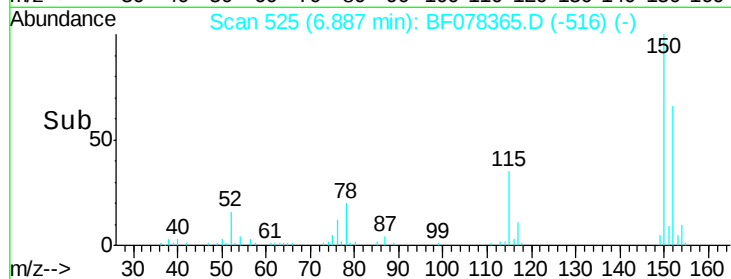
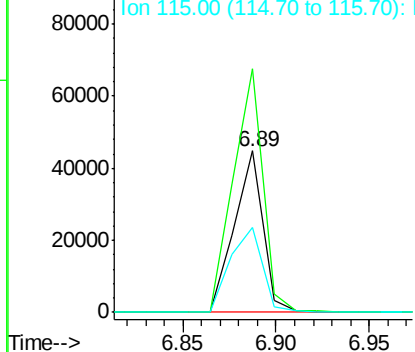
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF078365.D
Acq: 9 Apr 2015 18:23

Instrument :
BNA_F
ClientSampleId :
FB

Tot Ion:152 Resp: 48133
Ion Ratio Lower Upper
152 100
150 151.1 125.9 188.9
115 52.7 52.7 79.1#



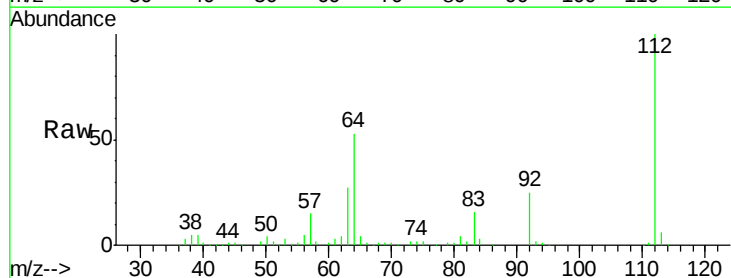
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



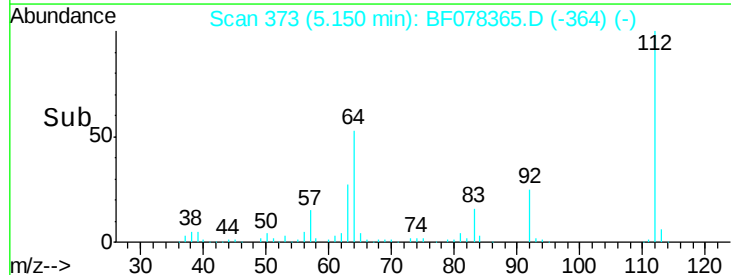
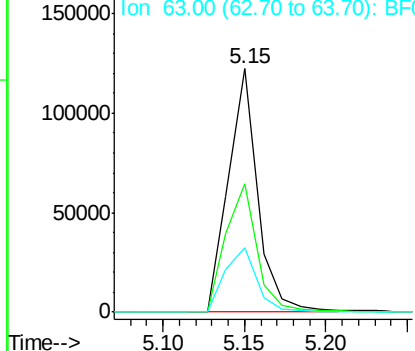
#5

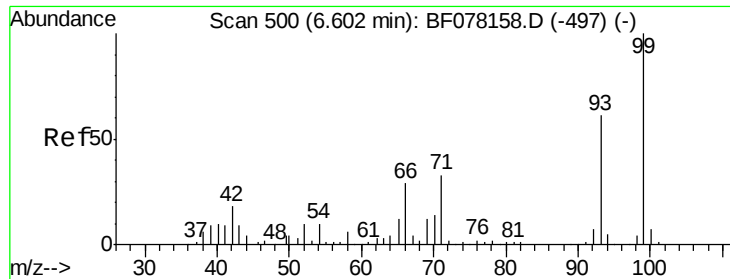
2-Fluorophenol
Concen: 51.86 ng
RT: 5.15 min Scan# 373
Delta R.T. 0.00 min
Lab File: BF078365.D
Acq: 9 Apr 2015 18:23

Tgt Ion:112 Resp: 151402
Ion Ratio Lower Upper
112 100
64 52.8 39.9 59.9
63 26.7 20.2 30.4



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: 34.32 ng

RT: 6.48 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF078365.D

Acq: 9 Apr 2015 18:23

Instrument :

BNA_F

ClientSampleId :

FB

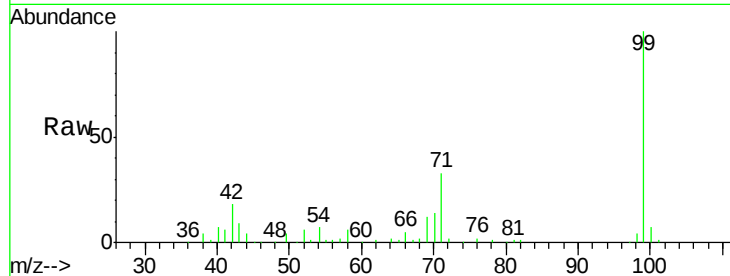
Tot Ion: 99 Resp: 125567

Ion Ratio Lower Upper

99 100

42 17.9 14.8 22.2

71 33.3 26.6 39.8



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

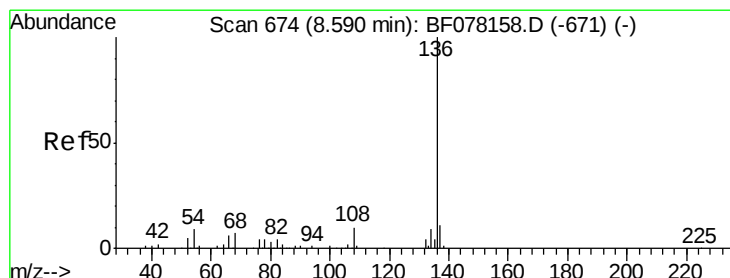
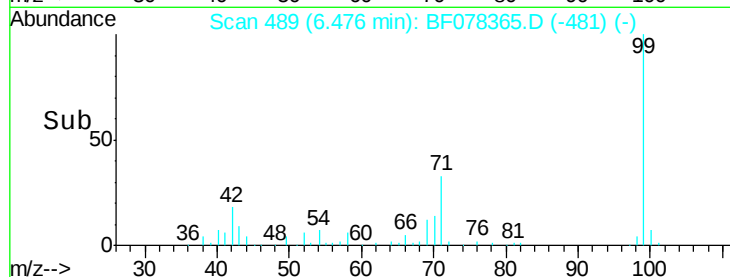
6.48

100000

50000

0

Time--> 6.40 6.45 6.50 6.55



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.46 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF078365.D

Acq: 9 Apr 2015 18:23

Tgt Ion: 136 Resp: 205133

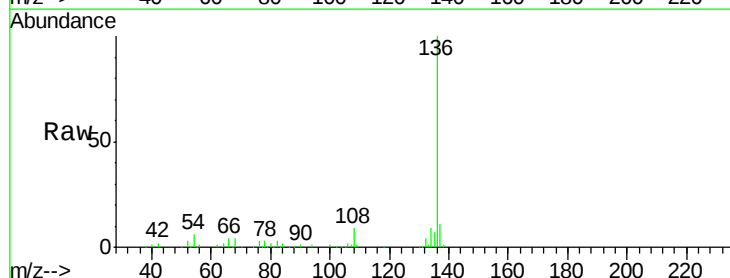
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 5.7 7.0 10.6#

68 4.5 5.4 8.2#



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

8.46

300000

250000

200000

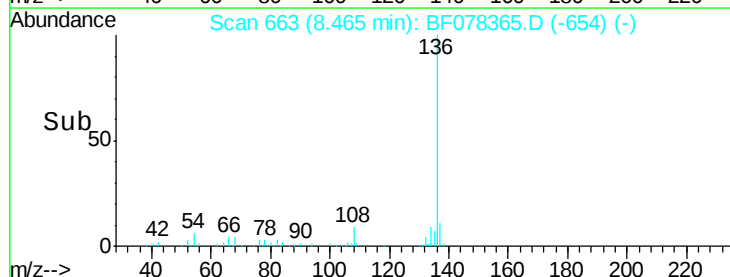
150000

100000

50000

0

Time--> 8.40 8.45 8.50 8.55

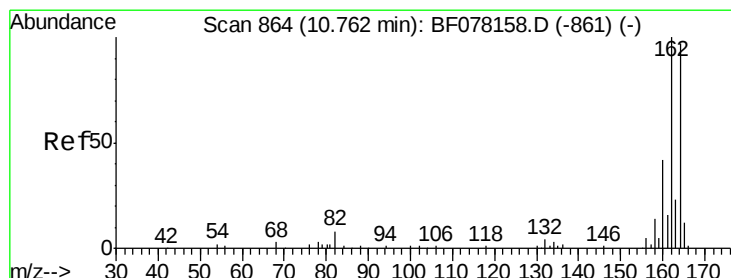
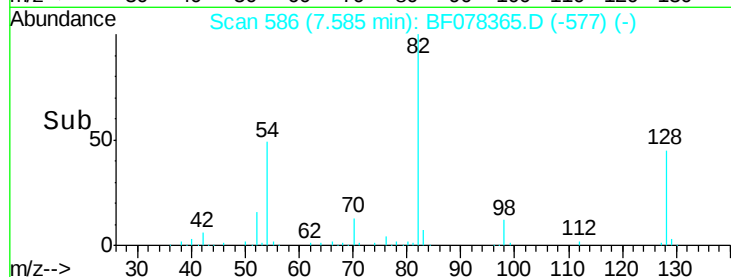
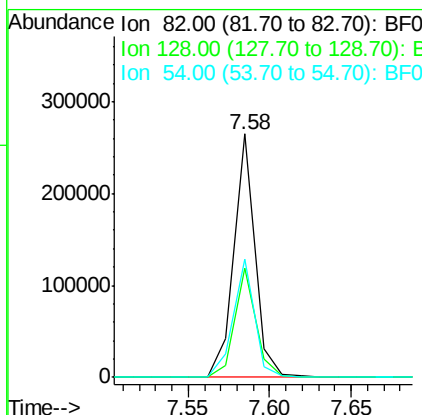
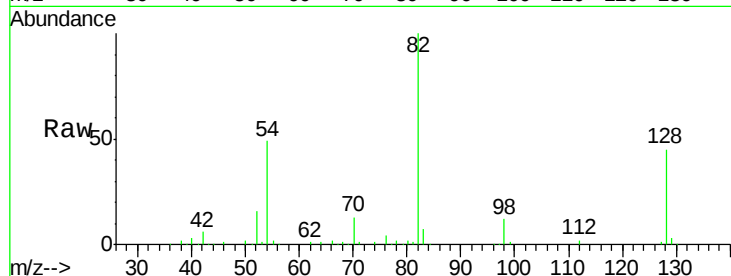




#23
 Nitrobenzene-d5
 Concen: 69.47 ng
 RT: 7.58 min Scan# 586
 Delta R.T. 0.00 min
 Lab File: BF078365.D
 Acq: 9 Apr 2015 18:23

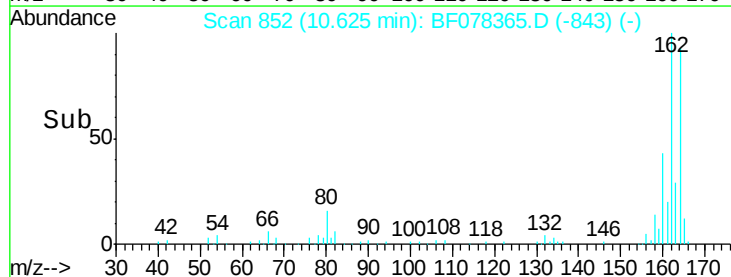
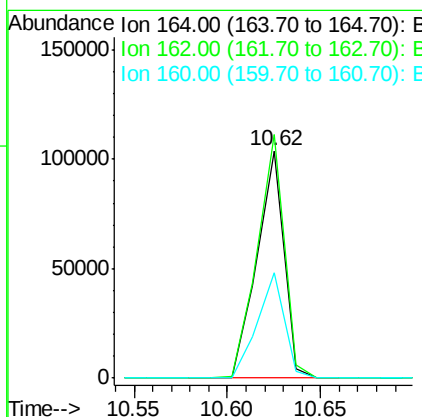
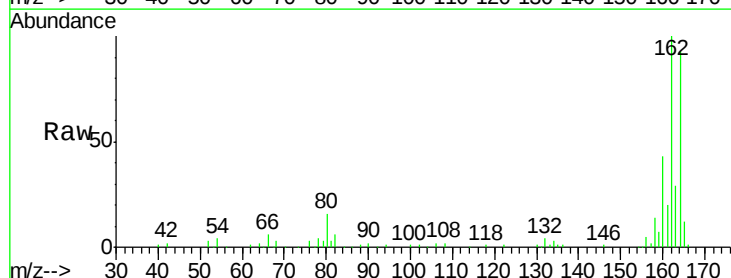
Instrument :
 BNA_F
 ClientSampleId :
 FB

Tot Ion: 82 Resp: 235122
 Ion Ratio Lower Upper
 82 100
 128 44.9 31.8 47.8
 54 48.6 41.5 62.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.62 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BF078365.D
 Acq: 9 Apr 2015 18:23

Tgt Ion:164 Resp: 103064
 Ion Ratio Lower Upper
 164 100
 162 107.3 82.2 123.2
 160 46.5 34.7 52.1

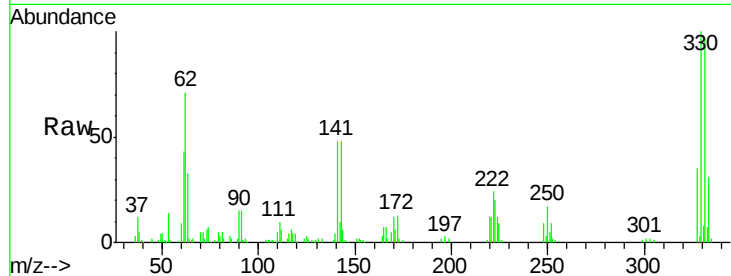




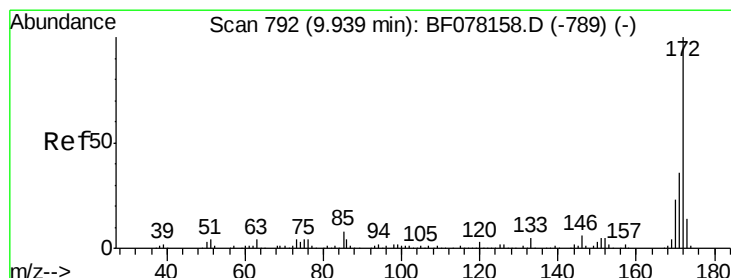
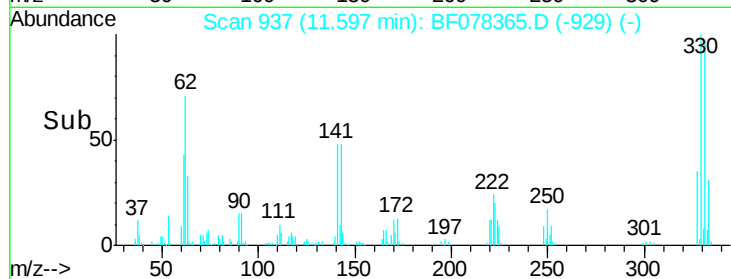
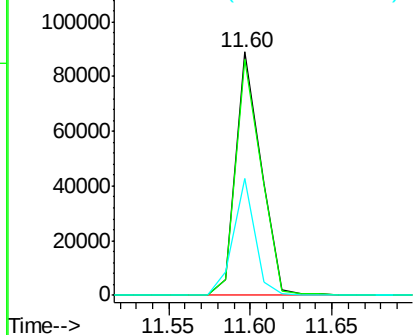
#41
 2,4,6-Tribromophenol
 Concen: 111.23 ng
 RT: 11.60 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF078365.D
 Acq: 9 Apr 2015 18:23

Instrument :
 BNA_F
 ClientSampleId :
 FB

Tot Ion:330 Resp: 95078
 Ion Ratio Lower Upper
 330 100
 332 97.7 78.6 117.8
 141 40.9 31.2 46.8

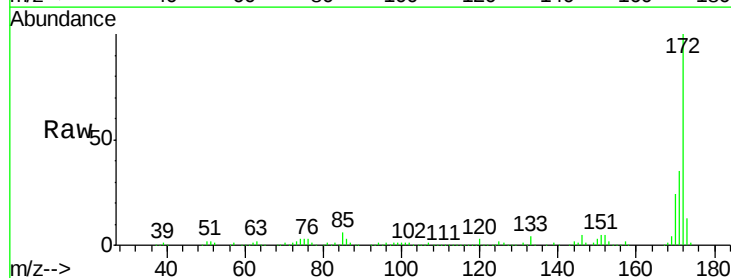


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

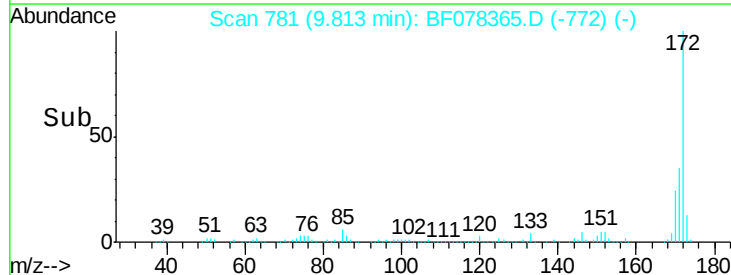
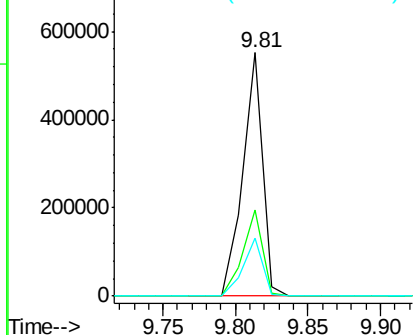


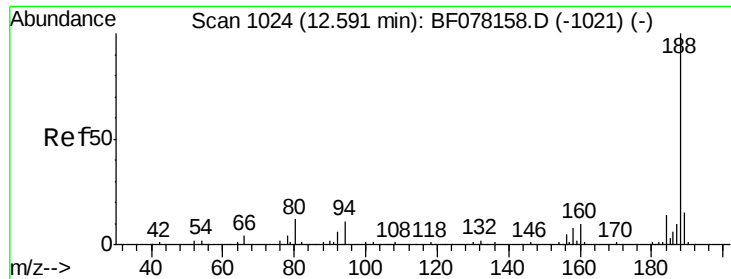
#44
 2-Fluorobiphenyl
 Concen: 72.44 ng
 RT: 9.81 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: BF078365.D
 Acq: 9 Apr 2015 18:23

Tgt Ion:172 Resp: 522295
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 42.8
 170 23.9 18.5 27.7



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

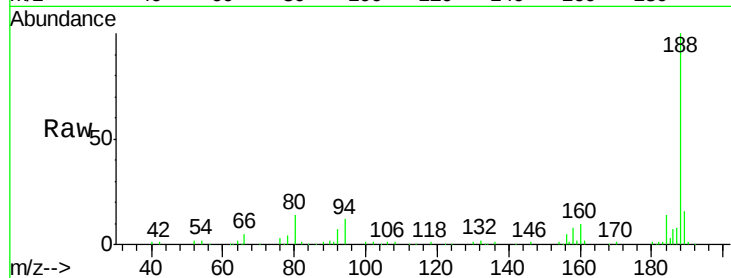




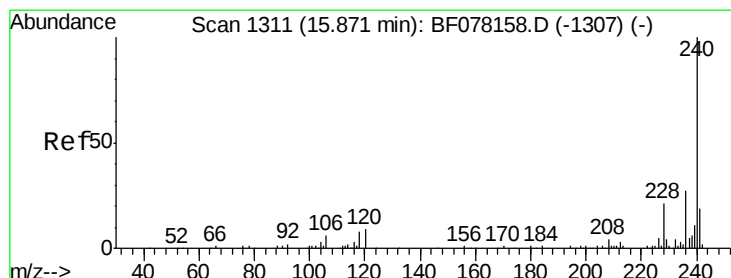
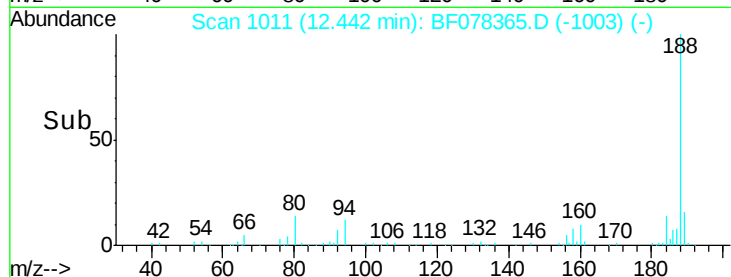
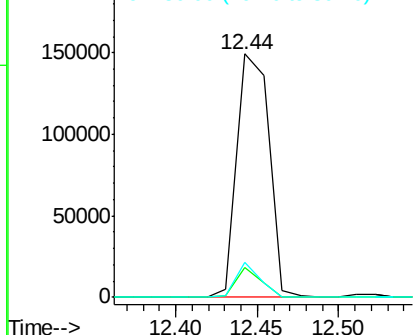
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.44 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF078365.D
Acq: 9 Apr 2015 18:23

Instrument :
BNA_F
ClientSampleId :
FB

Tot Ion:188 Resp: 202612
Ion Ratio Lower Upper
188 100
94 12.5 9.0 13.4
80 14.3 9.5 14.3#

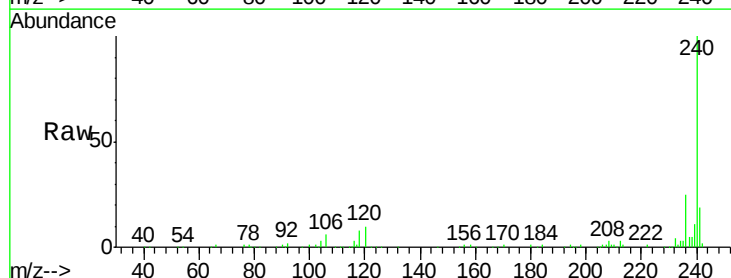


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

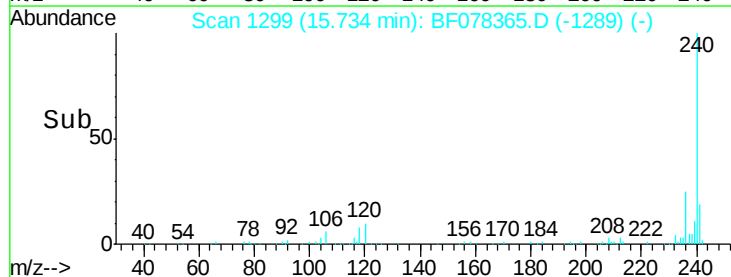
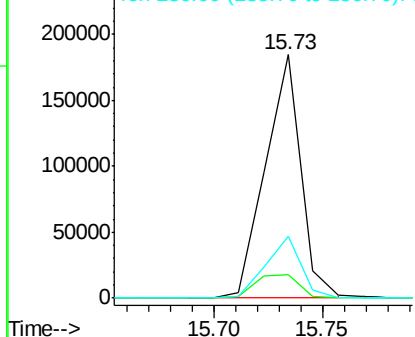


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.73 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BF078365.D
Acq: 9 Apr 2015 18:23

Tgt Ion:240 Resp: 210738
Ion Ratio Lower Upper
240 100
120 9.7 7.1 10.7
236 25.5 21.4 32.2



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

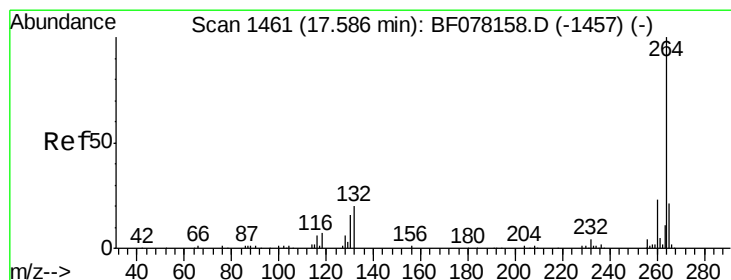
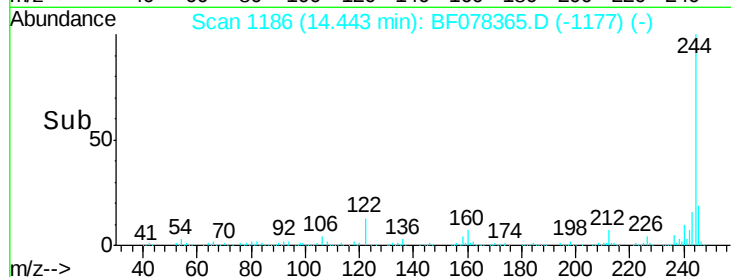
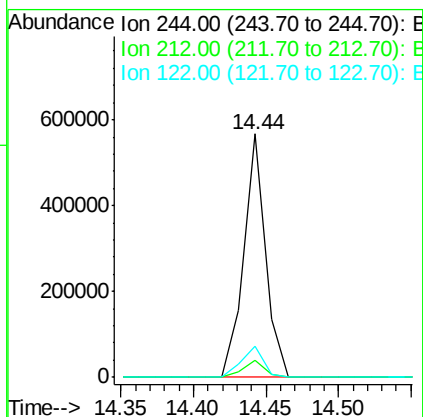
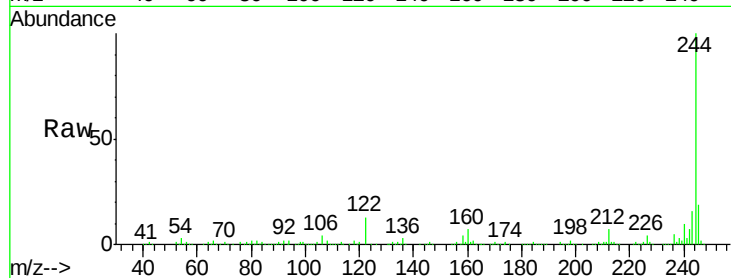




#78
 Terphenyl-d14
 Concen: 63.62 ng
 RT: 14.44 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF078365.D
 Acq: 9 Apr 2015 18:23

Instrument :
 BNA_F
 ClientSampleId :
 FB

Tot Ion:244 Resp: 593310
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.0 7.4
 122 12.7 7.1 10.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.55 min Scan# 1458
 Delta R.T. 0.07 min
 Lab File: BF078365.D
 Acq: 9 Apr 2015 18:23

Tgt Ion:264 Resp: 195790
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 27.8
 265 21.1 17.0 25.6

