

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040915\
 Data File : BF078361.D
 Acq On : 9 Apr 2015 16:29
 Operator : TP/IZ
 Sample : G1782-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB14(1)

Quant Time: Apr 10 01:15:02 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	47404	20.00	ng	0.00
21) Naphthalene-d8	8.46	136	198478	20.00	ng	0.00
38) Acenaphthene-d10	10.62	164	101207	20.00	ng	0.00
63) Phenanthrene-d10	12.45	188	200832	20.00	ng	0.00
75) Chrysene-d12	15.73	240	199940	20.00	ng	0.01
86) Perylene-d12	17.54	264	183136	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	93103	32.38	ng	0.00
7) Phenol-d6	6.48	99	137915	38.28	ng	-0.01
23) Nitrobenzene-d5	7.58	82	77405	23.64	ng	0.00
41) 2,4,6-Tribromophenol	11.60	330	36688	43.71	ng	-0.01
44) 2-Fluorobiphenyl	9.81	172	188498	26.62	ng	0.00
78) Terphenyl-d14	14.44	244	225601	25.50	ng	0.00

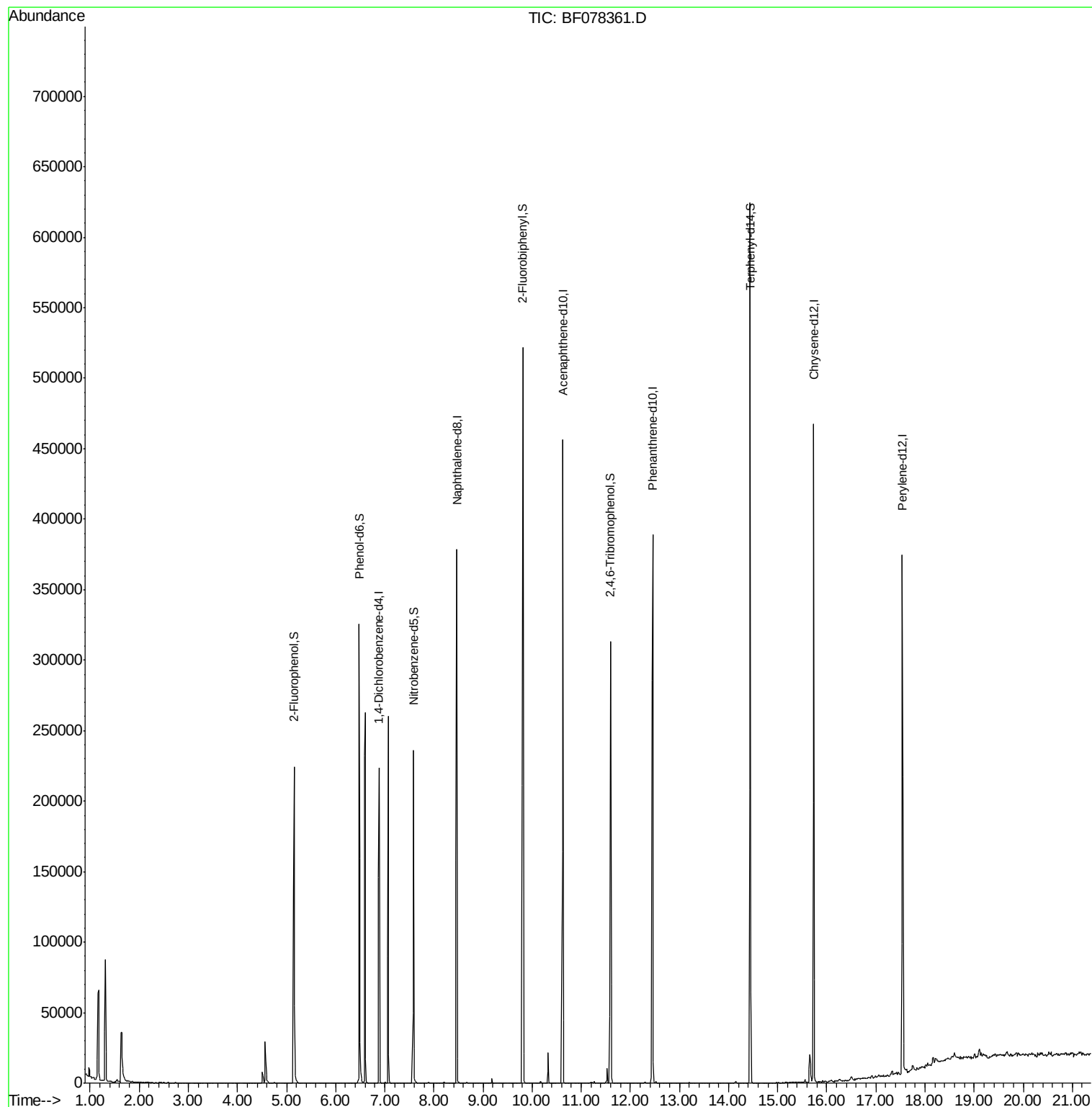
Target Compounds Qvalue

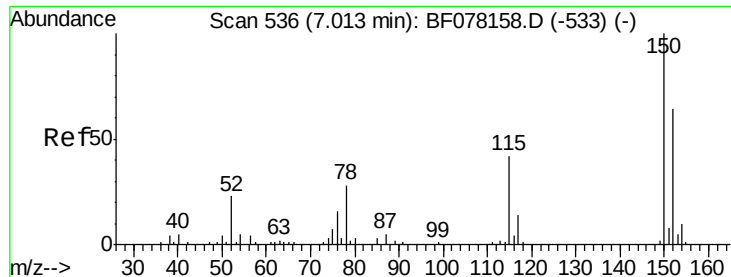
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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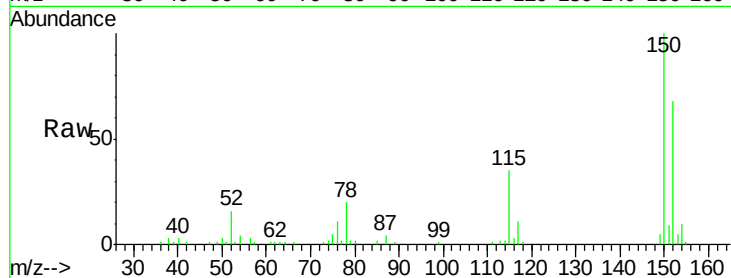


#1

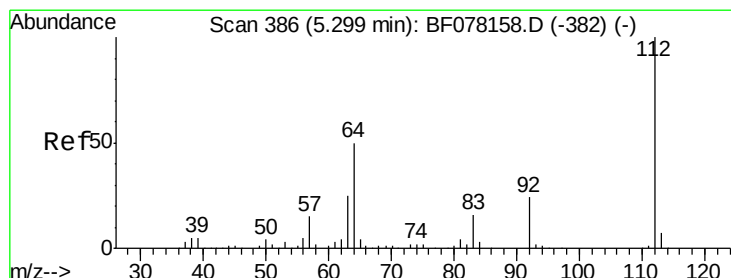
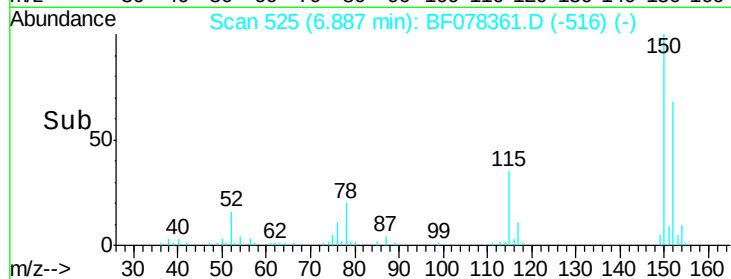
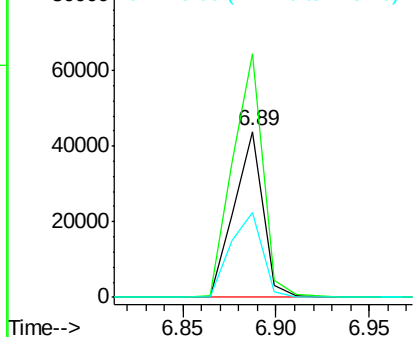
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF078361.D
Acq: 9 Apr 2015 16:29

Instrument :
BNA_F
ClientSampleId :
SB14(1)

Tot Ion:152 Resp: 47404
Ion Ratio Lower Upper
152 100
150 147.0 125.9 188.9
115 51.6 52.7 79.1#



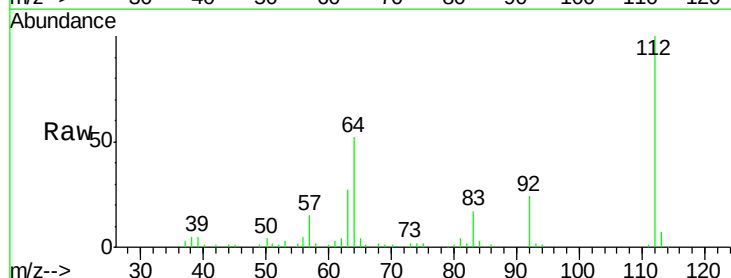
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



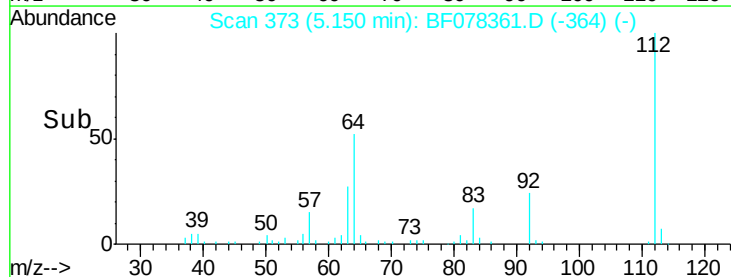
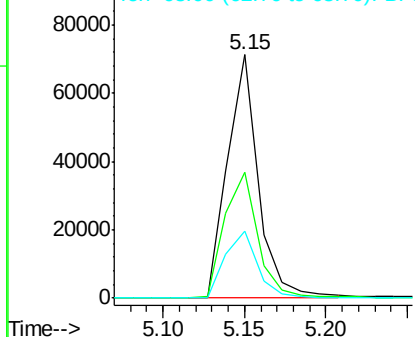
#5

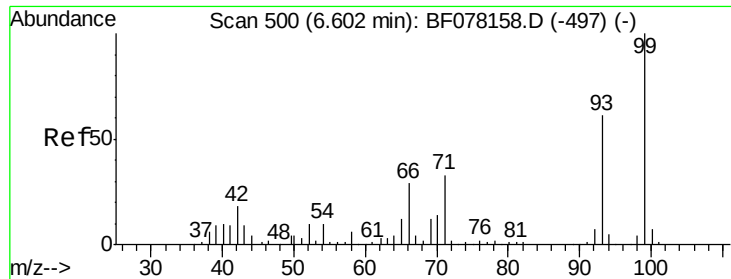
2-Fluorophenol
Concen: 32.38 ng
RT: 5.15 min Scan# 373
Delta R.T. 0.00 min
Lab File: BF078361.D
Acq: 9 Apr 2015 16:29

Tgt Ion:112 Resp: 93103
Ion Ratio Lower Upper
112 100
64 51.7 39.9 59.9
63 27.4 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: 38.28 ng

RT: 6.48 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF078361.D

Acq: 9 Apr 2015 16:29

Instrument :

BNA_F

ClientSampleId :

SB14(1)

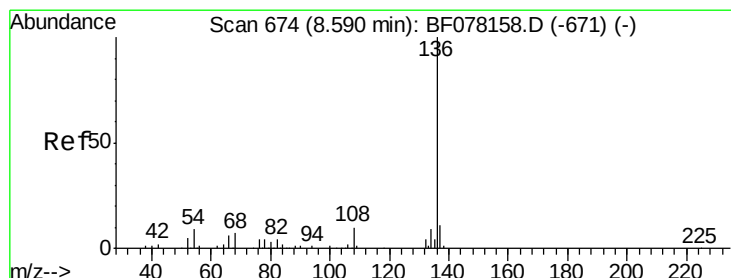
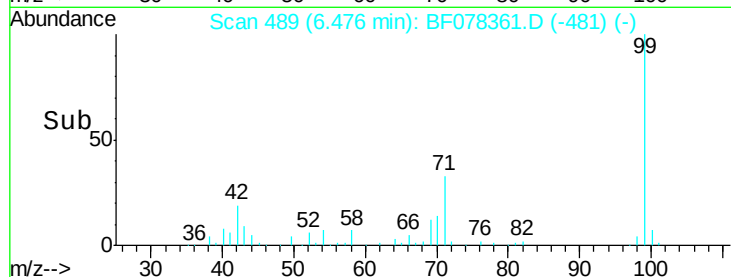
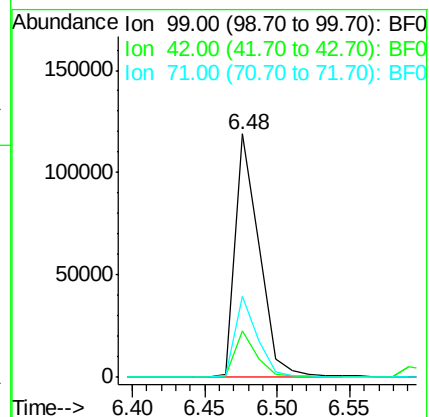
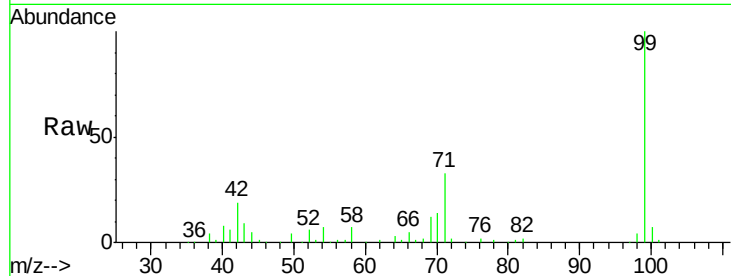
Tot Ion: 99 Resp: 137915

Ion Ratio Lower Upper

99 100

42 19.0 14.8 22.2

71 33.3 26.6 39.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.46 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF078361.D

Acq: 9 Apr 2015 16:29

Tgt Ion: 136 Resp: 198478

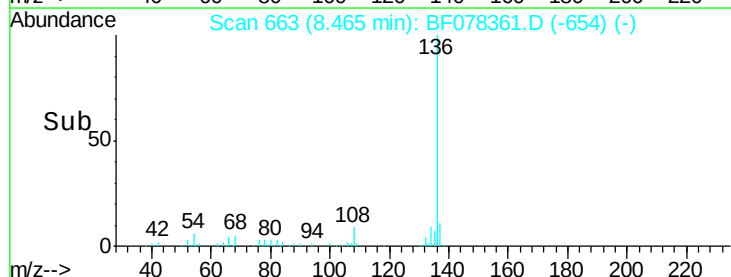
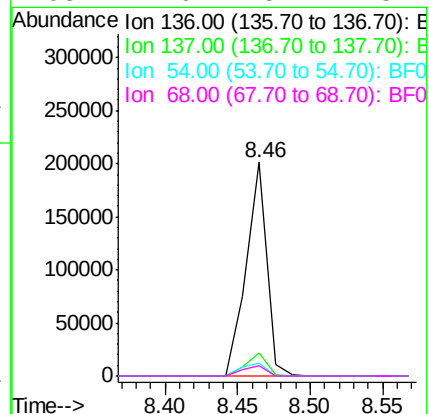
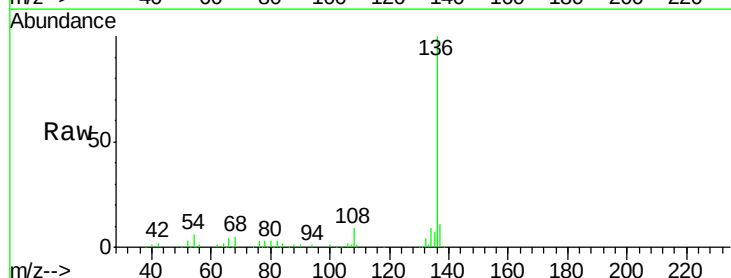
Ion Ratio Lower Upper

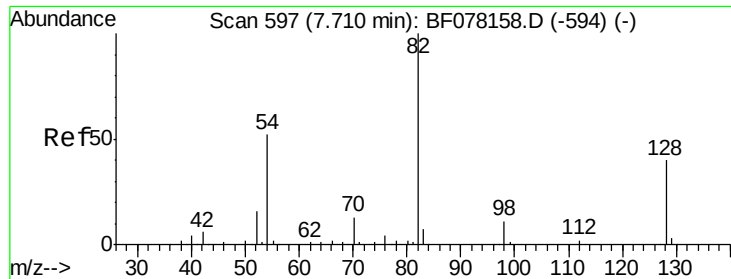
136 100

137 10.8 9.0 13.4

54 6.1 7.0 10.6#

68 4.9 5.4 8.2#

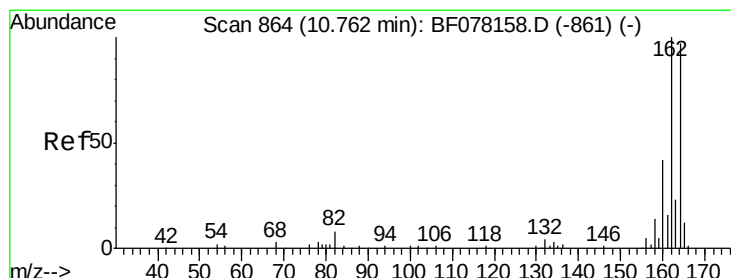
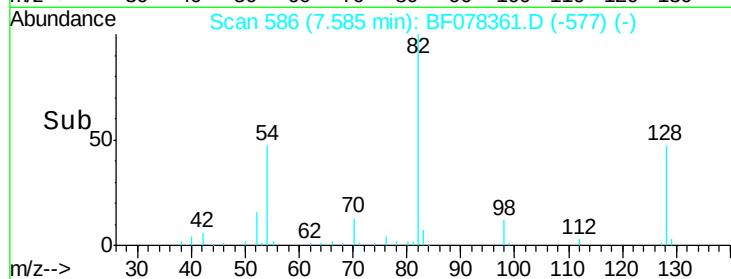
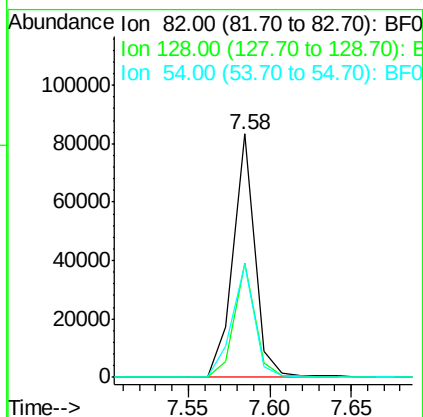
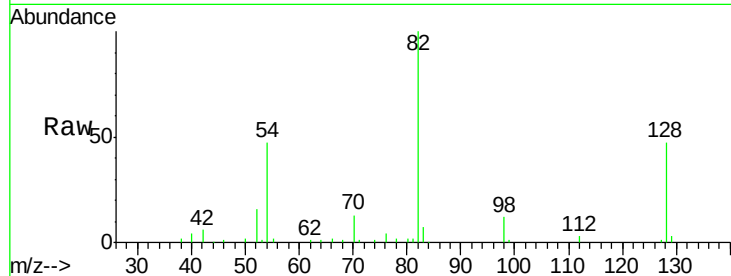




#23
 Nitrobenzene-d5
 Concen: 23.64 ng
 RT: 7.58 min Scan# 586
 Delta R.T. 0.00 min
 Lab File: BF078361.D
 Acq: 9 Apr 2015 16:29

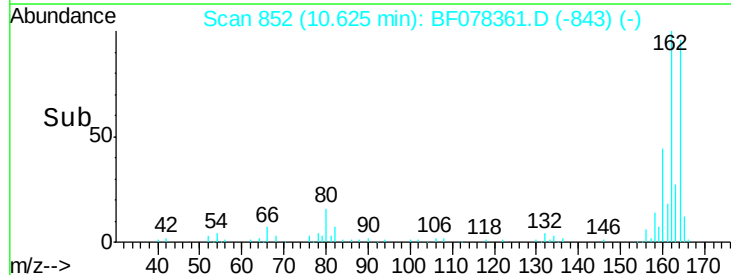
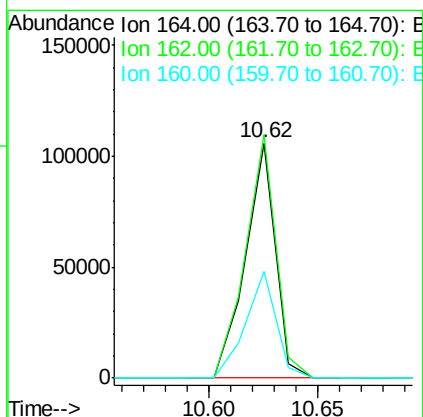
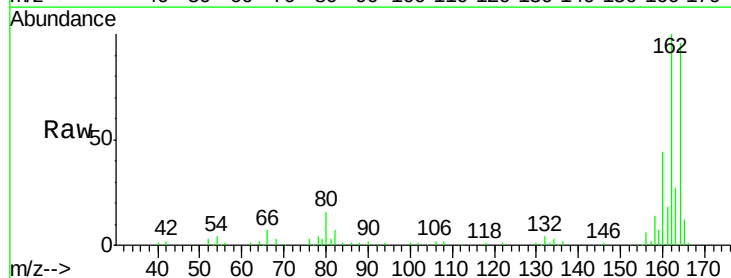
Instrument :
 BNA_F
 ClientSampleID :
 SB14(1)

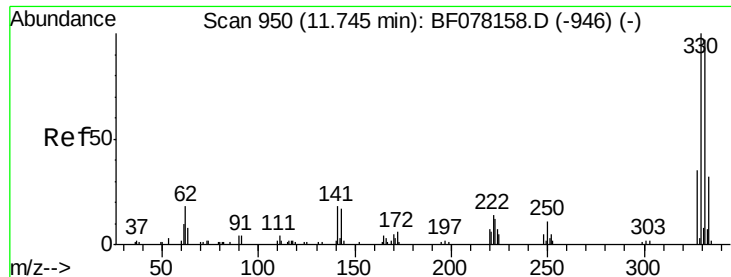
Tot Ion: 82 Resp: 77405
 Ion Ratio Lower Upper
 82 100
 128 46.9 31.8 47.8
 54 46.7 41.5 62.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.62 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BF078361.D
 Acq: 9 Apr 2015 16:29

Tgt Ion:164 Resp: 101207
 Ion Ratio Lower Upper
 164 100
 162 103.7 82.2 123.2
 160 45.6 34.7 52.1

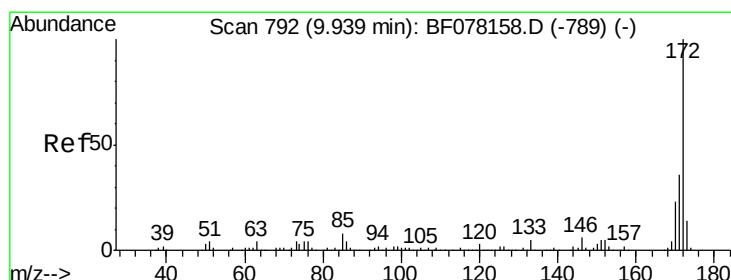
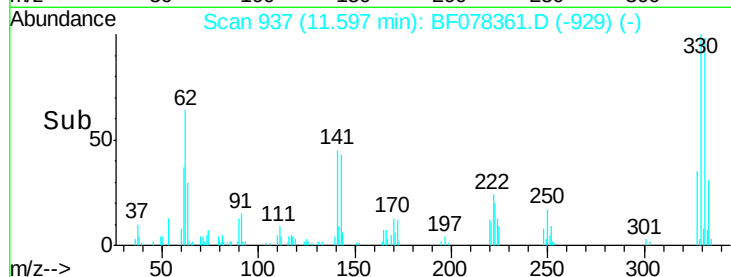
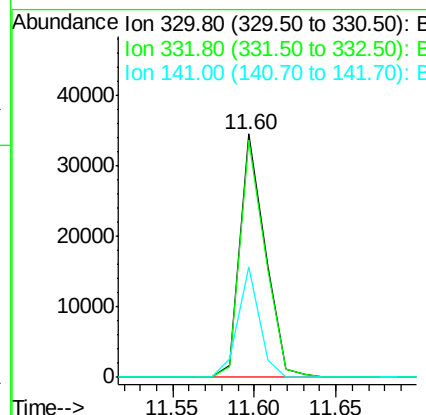
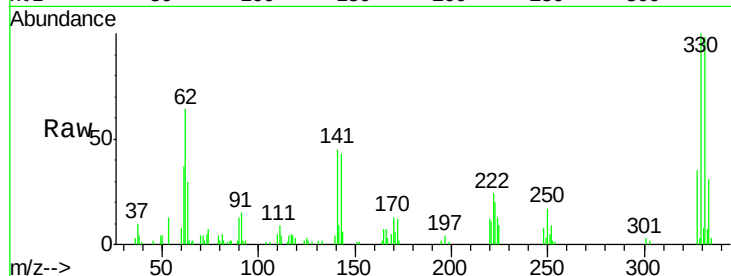




#41
 2,4,6-Tribromophenol
 Concen: 43.71 ng
 RT: 11.60 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF078361.D
 Acq: 9 Apr 2015 16:29

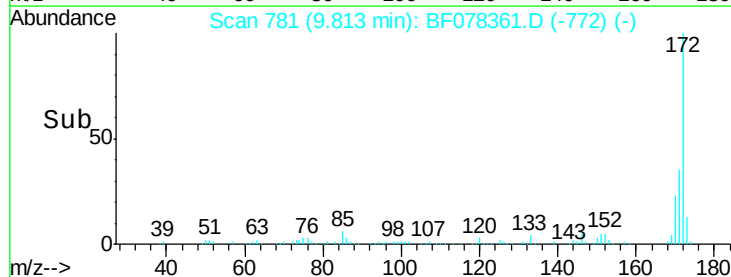
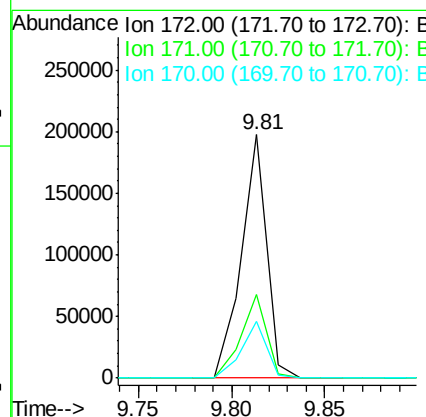
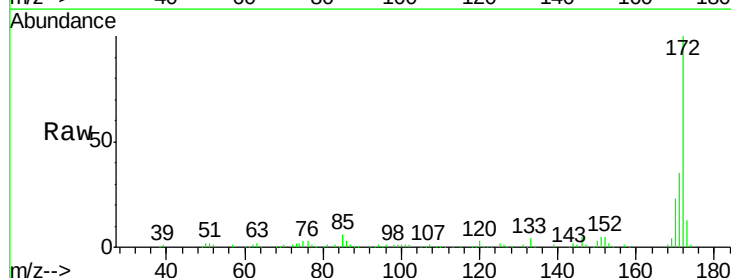
Instrument :
 BNA_F
 ClientSampleId :
 SB14(1)

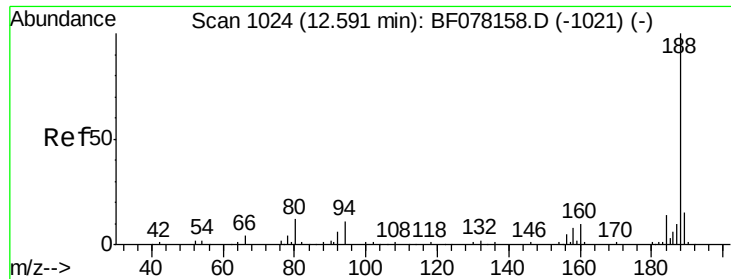
Tot Ion:330 Resp: 36688
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.6 117.8
 141 38.6 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 26.62 ng
 RT: 9.81 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: BF078361.D
 Acq: 9 Apr 2015 16:29

Tgt Ion:172 Resp: 188498
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.6 42.8
 170 23.2 18.5 27.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.45 min Scan# 1012

Delta R.T. 0.00 min

Lab File: BF078361.D

Acq: 9 Apr 2015 16:29

Instrument :

BNA_F

ClientSampleId :

SB14(1)

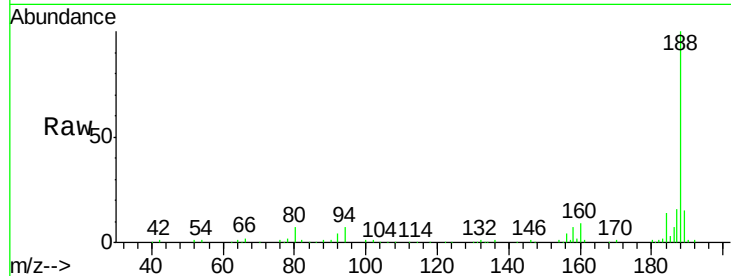
Tot Ion:188 Resp: 200832

Ion Ratio Lower Upper

188 100

94 7.1 9.0 13.4#

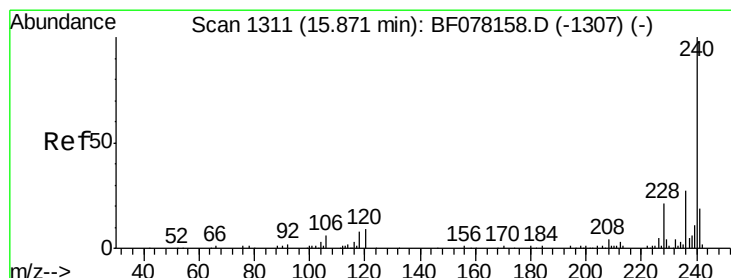
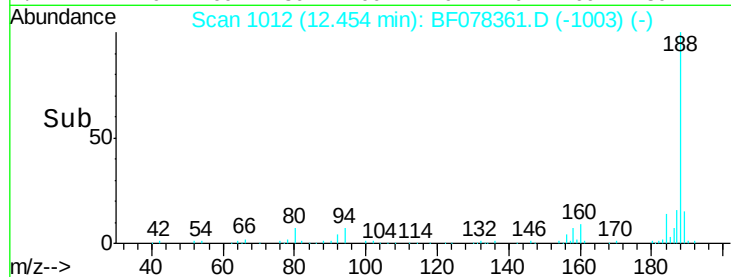
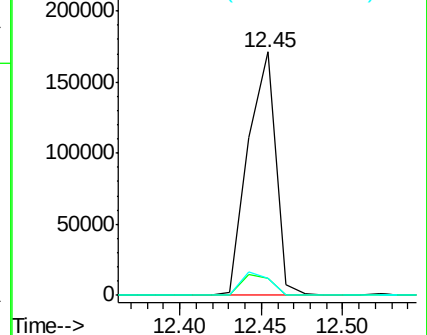
80 7.2 9.5 14.3#



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: BF078361.D

Acq: 9 Apr 2015 16:29

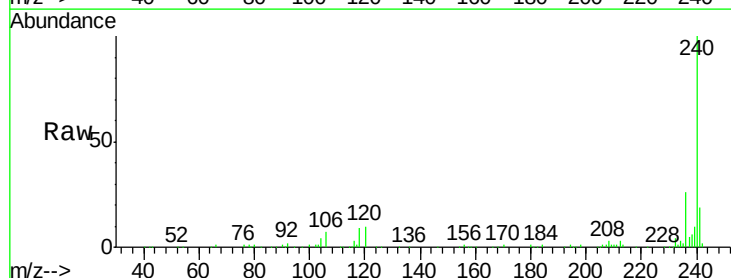
Tgt Ion:240 Resp: 199940

Ion Ratio Lower Upper

240 100

120 9.8 7.1 10.7

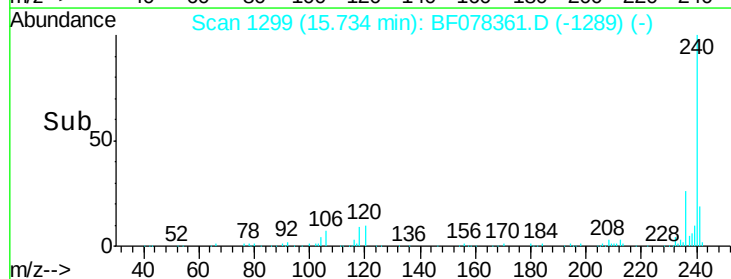
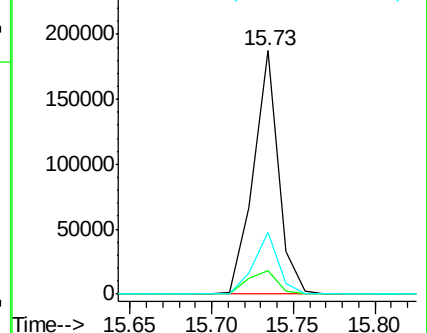
236 25.6 21.4 32.2

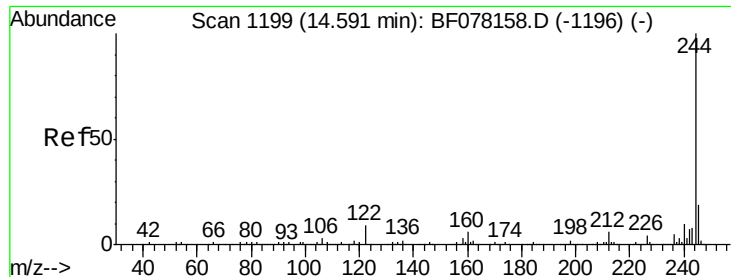


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 25.50 ng

RT: 14.44 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF078361.D

Acq: 9 Apr 2015 16:29

Instrument :

BNA_F

ClientSampleId :

SB14(1)

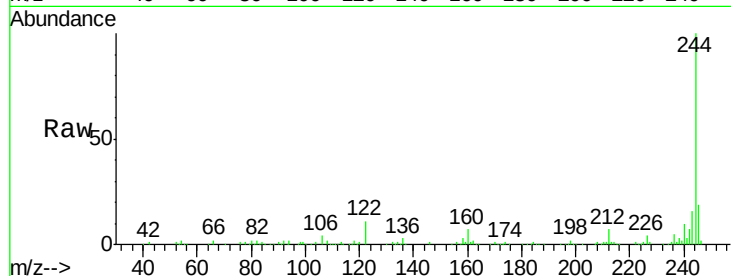
Tot Ion:244 Resp: 225601

Ion Ratio Lower Upper

244 100

212 6.5 5.0 7.4

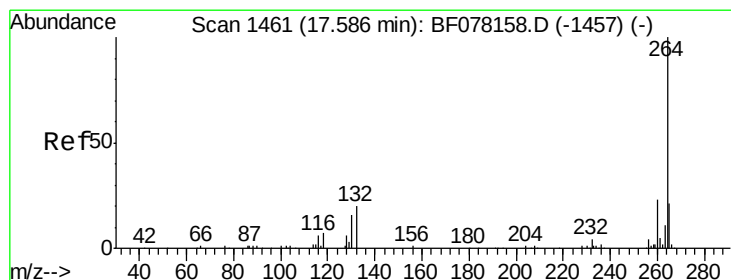
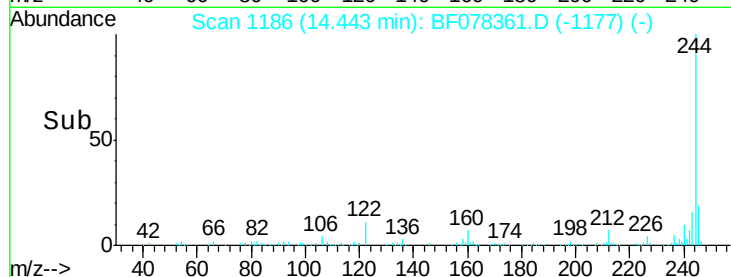
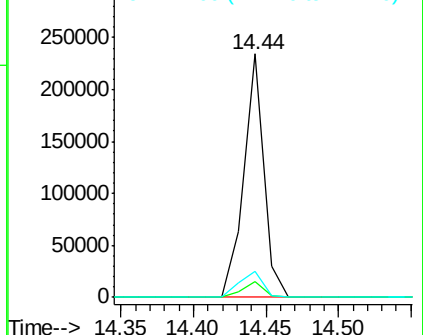
122 10.8 7.1 10.7#



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: 17.54 min Scan# 1457

Delta R.T. 0.06 min

Lab File: BF078361.D

Acq: 9 Apr 2015 16:29

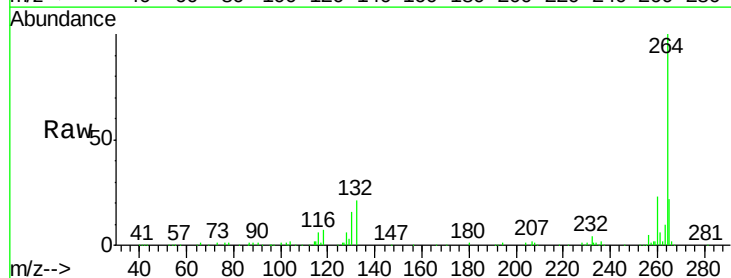
Tgt Ion:264 Resp: 183136

Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 21.5 17.0 25.6



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

