

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
 Data File : BF078453.D
 Acq On : 11 Apr 2015 22:03
 Operator : TP/IZ
 Sample : G1782-09RE
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB14(1)RE

Quant Time: Apr 13 02:26:17 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 11:29:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	35062	20.00	ng	-0.03
21) Naphthalene-d8	8.44	136	158153	20.00	ng	-0.02
38) Acenaphthene-d10	10.59	164	84775	20.00	ng	-0.05
63) Phenanthrene-d10	12.42	188	176499	20.00	ng	-0.05
75) Chrysene-d12	15.68	240	197089	20.00	ng	-0.07
86) Perylene-d12	17.37	264	194458	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	70166	33.00	ng	-0.06
7) Phenol-d6	6.45	99	103202	38.72	ng	-0.02
23) Nitrobenzene-d5	7.56	82	56533	21.67	ng	-0.02
41) 2,4,6-Tribromophenol	11.57	330	30848	43.87	ng	-0.05
44) 2-Fluorobiphenyl	9.78	172	150992	25.46	ng	-0.03
78) Terphenyl-d14	14.41	244	222386	25.50	ng	-0.06

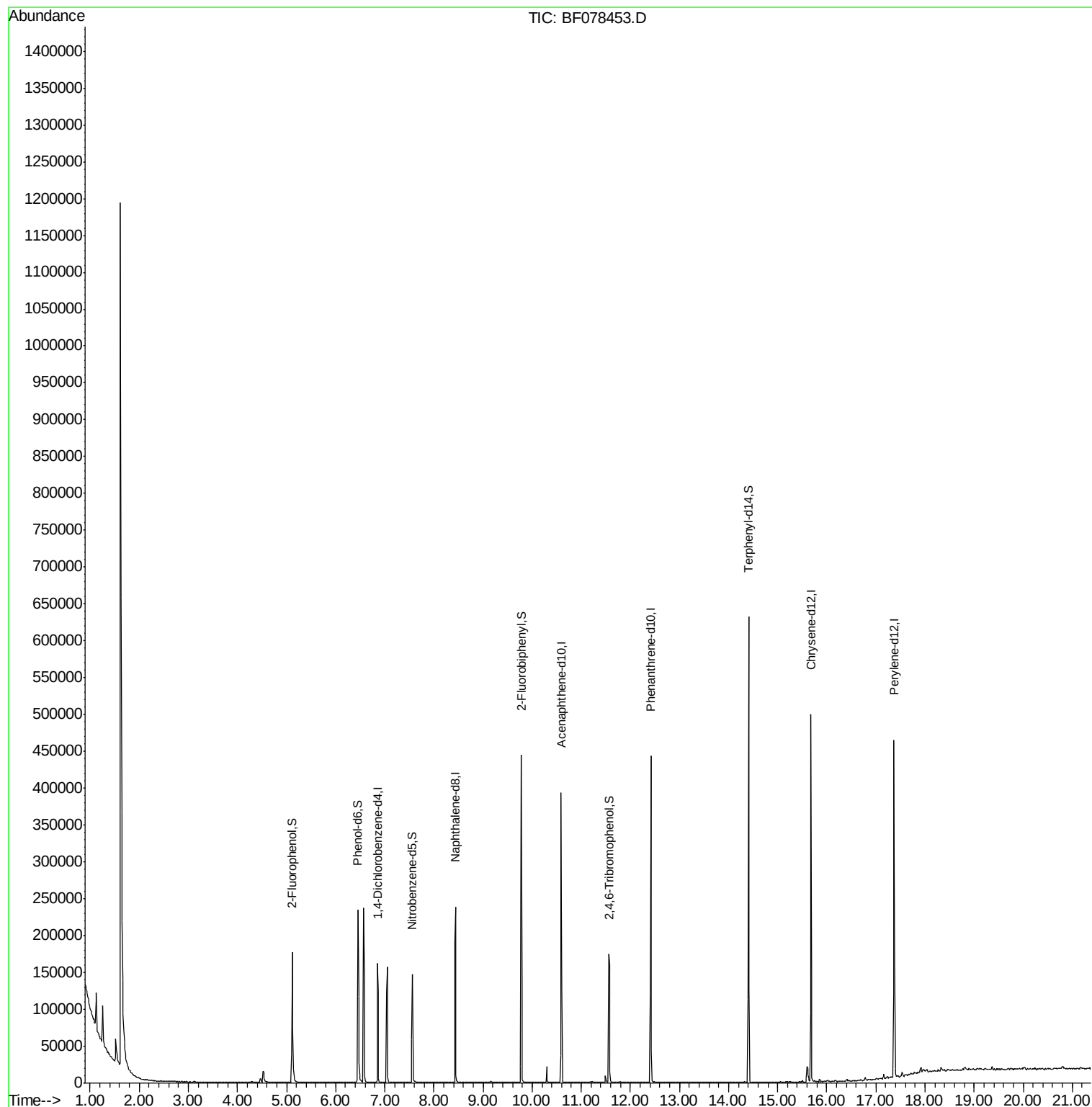
Target Compounds	Qvalue
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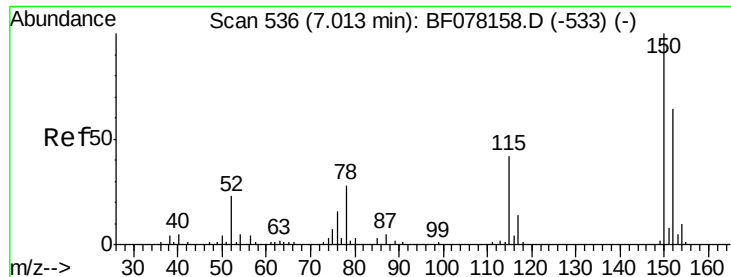
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 522

Delta R.T. -0.03 min

Lab File: BF078453.D

Acq: 11 Apr 2015 22:03

Instrument :

BNA_F

ClientSampleId :

SB14(1)RE

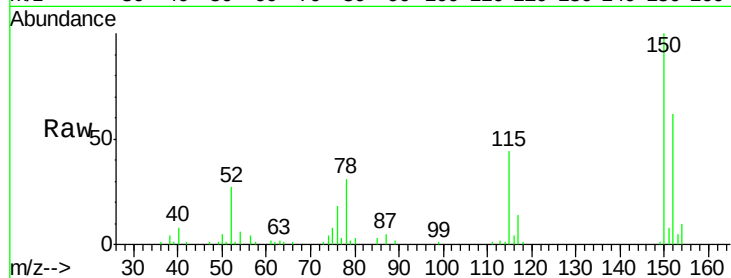
Tgt Ion:152 Resp: 35062

Ion Ratio Lower Upper

152 100

150 161.4 125.9 188.9

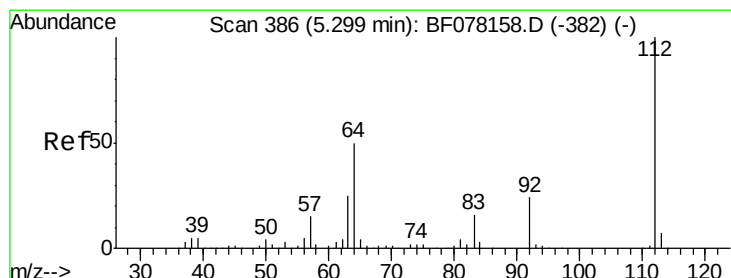
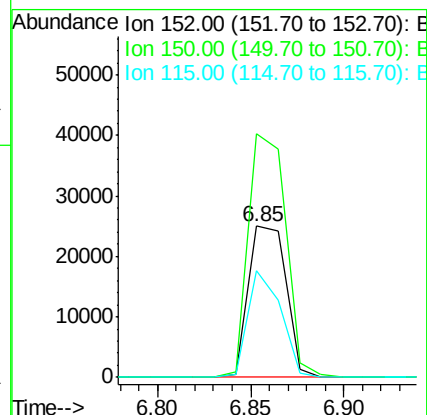
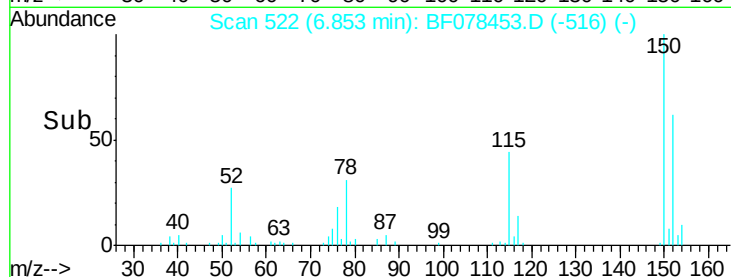
115 70.8 52.7 79.1



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: 33.00 ng

RT: 5.12 min Scan# 370

Delta R.T. -0.06 min

Lab File: BF078453.D

Acq: 11 Apr 2015 22:03

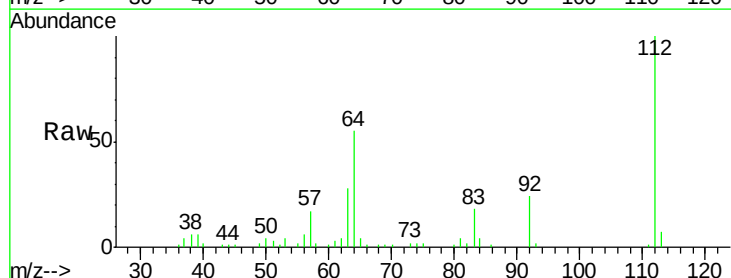
Tgt Ion:112 Resp: 70166

Ion Ratio Lower Upper

112 100

64 54.9 39.9 59.9

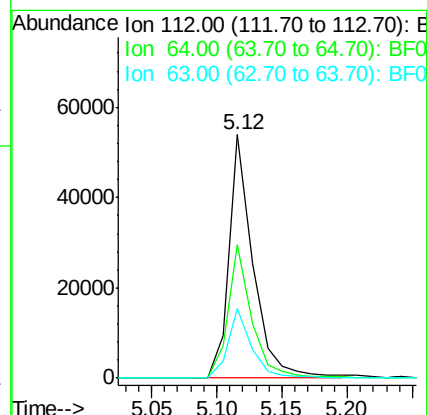
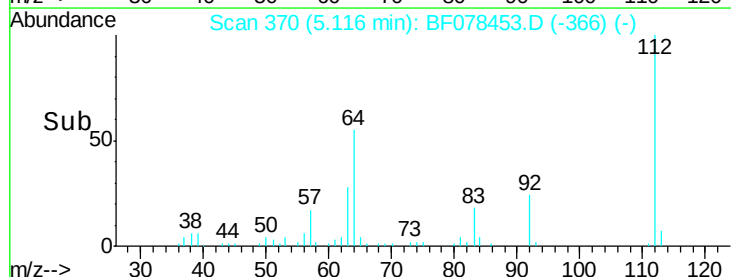
63 28.3 20.2 30.4

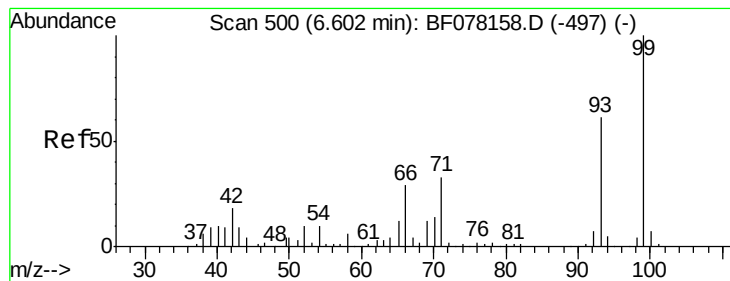


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.72 ng

RT: 6.45 min Scan# 487

Delta R.T. -0.02 min

Lab File: BF078453.D

Acq: 11 Apr 2015 22:03

Instrument :

BNA_F

ClientSampleId :

SB14(1)RE

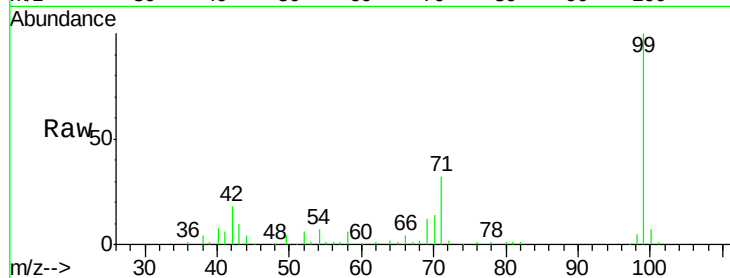
Tgt Ion: 99 Resp: 103202

Ion Ratio Lower Upper

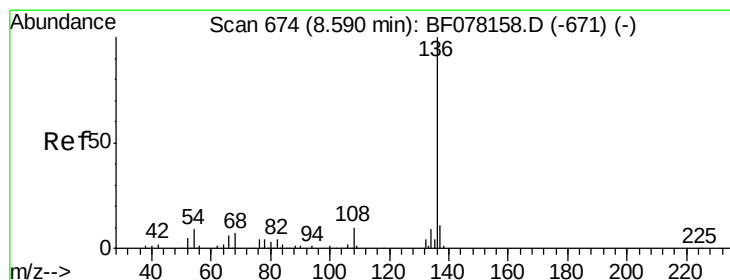
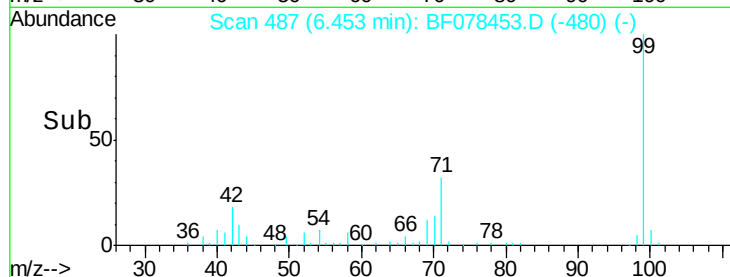
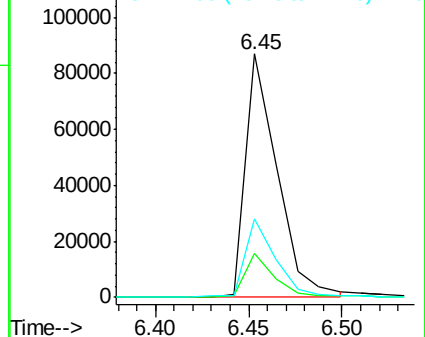
99 100

42 18.1 14.8 22.2

71 32.2 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.44 min Scan# 661

Delta R.T. -0.02 min

Lab File: BF078453.D

Acq: 11 Apr 2015 22:03

Tgt Ion: 136 Resp: 158153

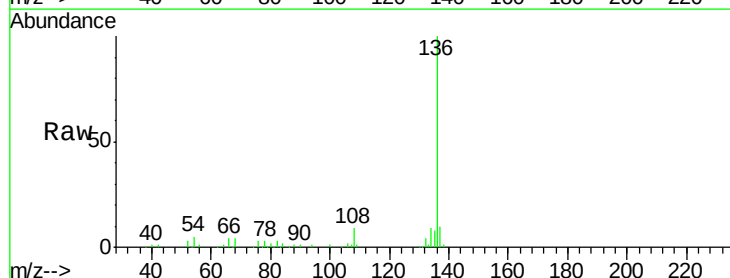
Ion Ratio Lower Upper

136 100

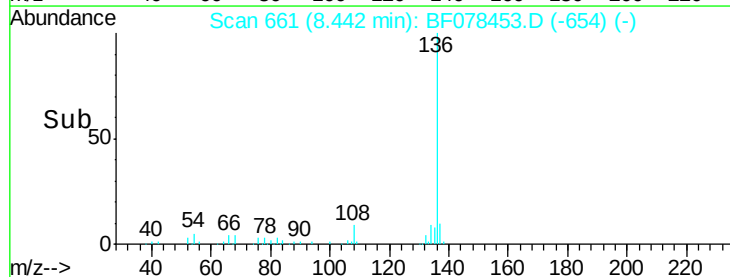
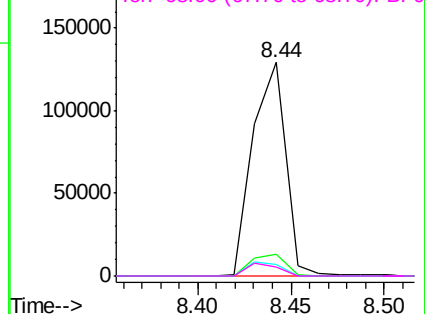
137 10.2 9.0 13.4

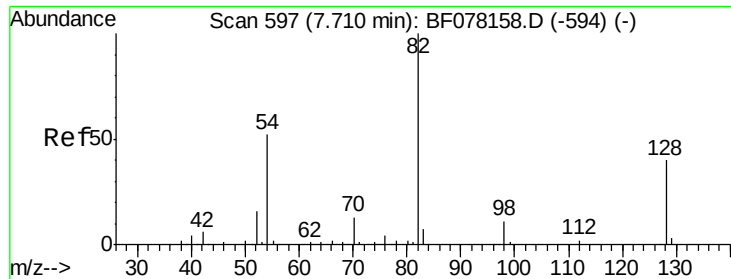
54 5.4 7.0 10.6#

68 4.3 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

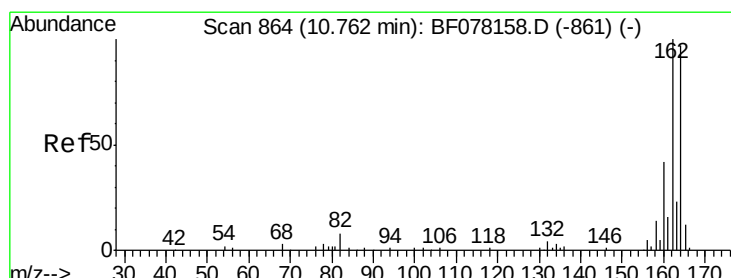
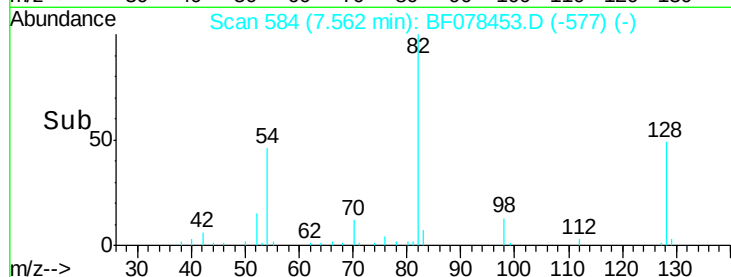
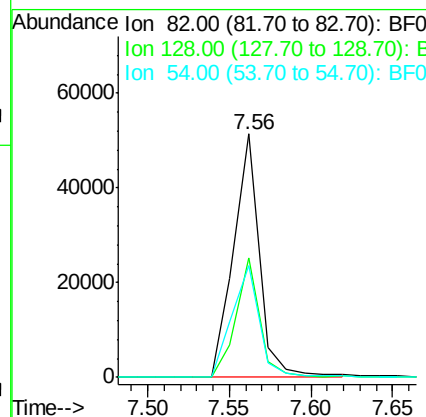
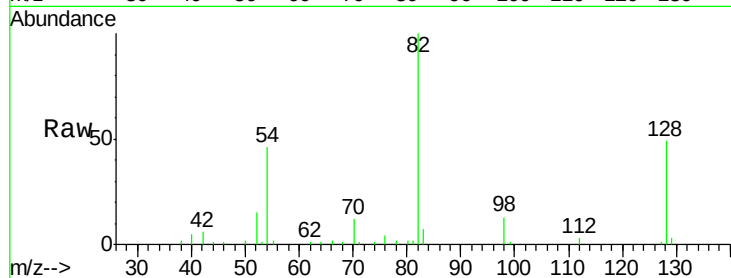




#23
 Nitrobenzene-d5
 Concen: 21.67 ng
 RT: 7.56 min Scan# 584
 Delta R.T. -0.02 min
 Lab File: BF078453.D
 Acq: 11 Apr 2015 22:03

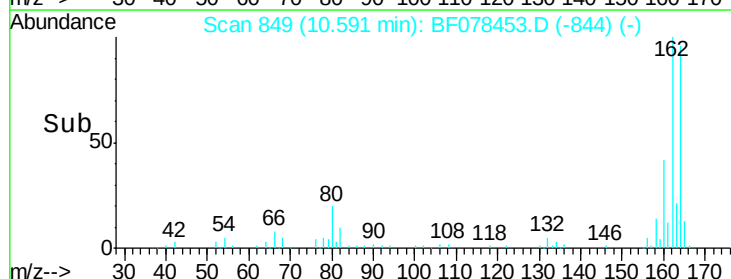
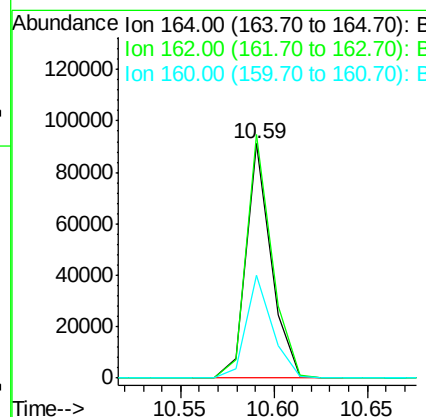
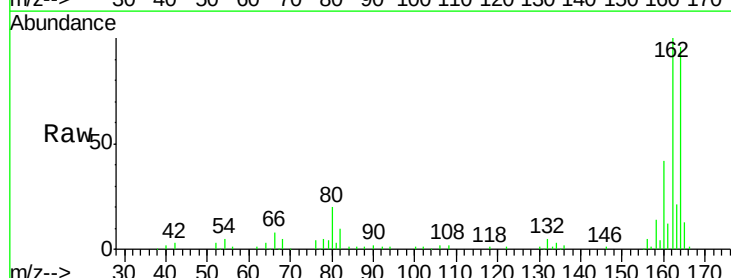
Instrument :
 BNA_F
 ClientSampleId :
 SB14(1)RE

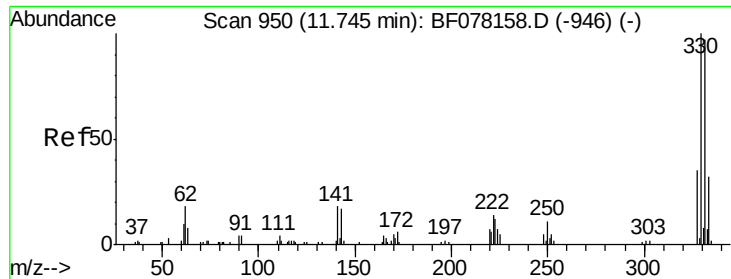
Tgt Ion: 82 Resp: 56533
 Ion Ratio Lower Upper
 82 100
 128 49.3 31.8 47.8#
 54 46.0 41.5 62.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.59 min Scan# 849
 Delta R.T. -0.05 min
 Lab File: BF078453.D
 Acq: 11 Apr 2015 22:03

Tgt Ion: 164 Resp: 84775
 Ion Ratio Lower Upper
 164 100
 162 104.0 82.2 123.2
 160 43.9 34.7 52.1

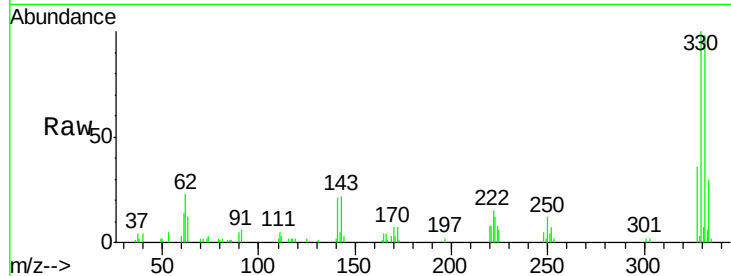




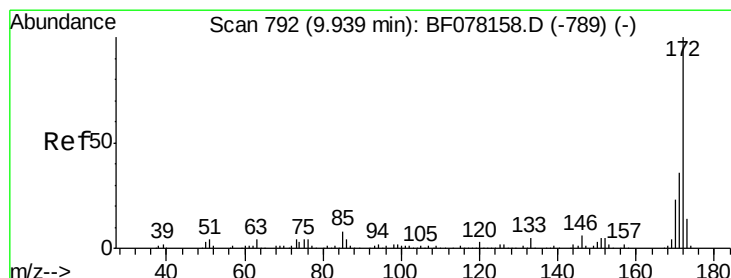
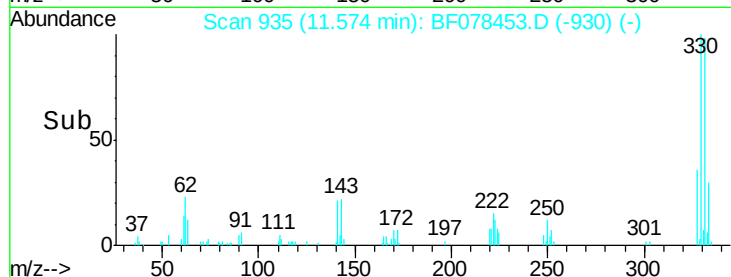
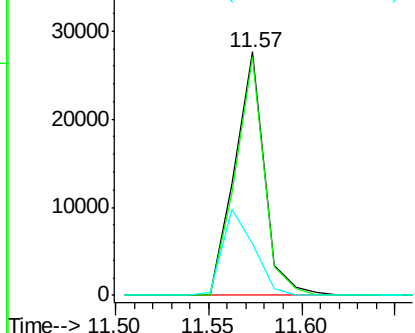
#41
 2,4,6-Tribromophenol
 Concen: 43.87 ng
 RT: 11.57 min Scan# 935
 Delta R.T. -0.05 min
 Lab File: BF078453.D
 Acq: 11 Apr 2015 22:03

Instrument :
 BNA_F
 ClientSampleId :
 SB14(1)RE

Tgt Ion:330 Resp: 30848
 Ion Ratio Lower Upper
 330 100
 332 95.2 78.6 117.8
 141 37.4 31.2 46.8

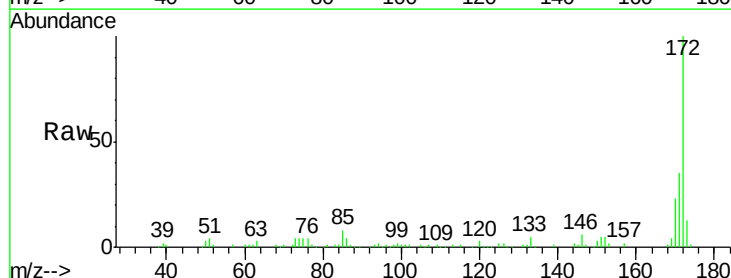


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

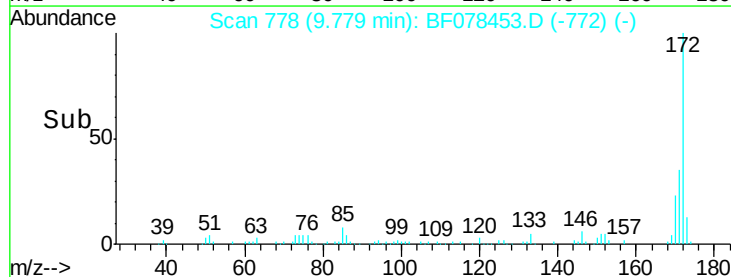
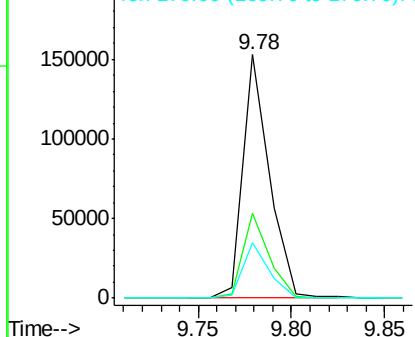


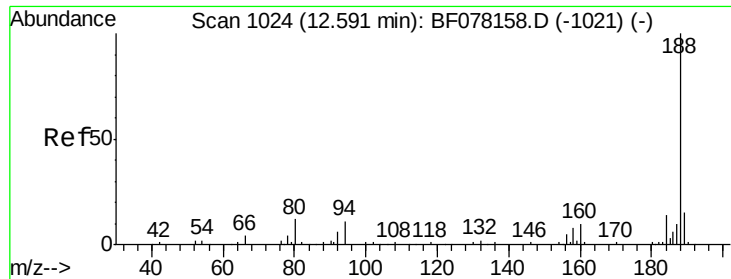
#44
 2-Fluorobiphenyl
 Concen: 25.46 ng
 RT: 9.78 min Scan# 778
 Delta R.T. -0.03 min
 Lab File: BF078453.D
 Acq: 11 Apr 2015 22:03

Tgt Ion:172 Resp: 150992
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.6 42.8
 170 22.7 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

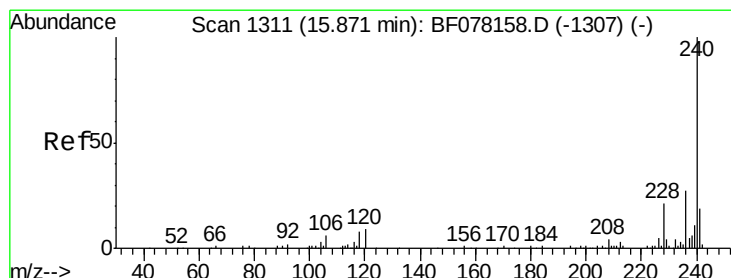
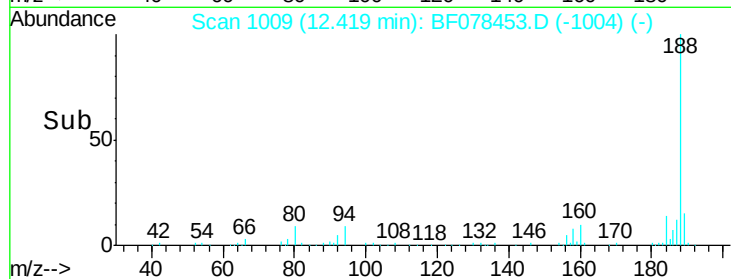
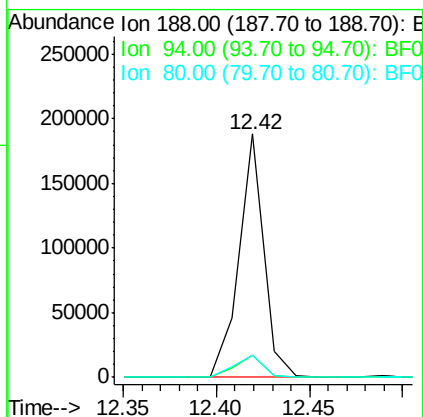
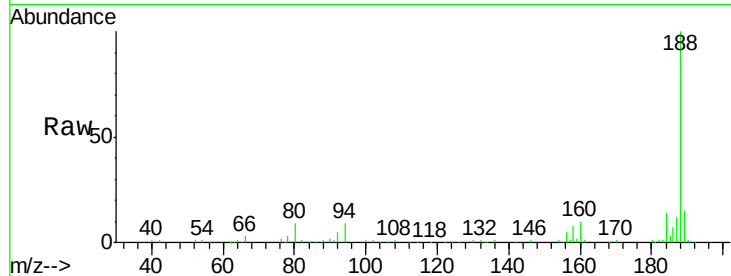




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.42 min Scan# 1009
Delta R.T. -0.05 min
Lab File: BF078453.D
Acq: 11 Apr 2015 22:03

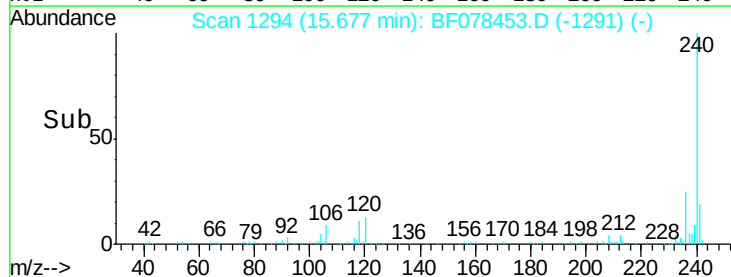
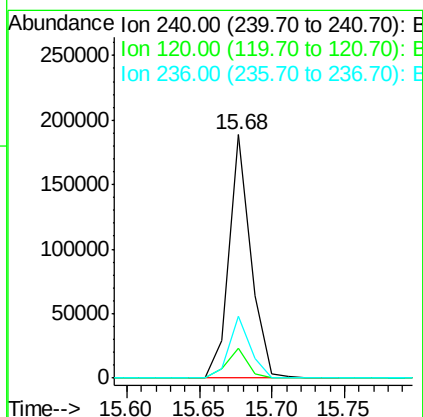
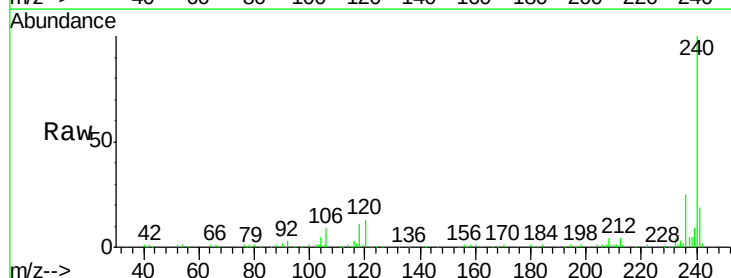
Instrument :
BNA_F
ClientSampleId :
SB14(1)RE

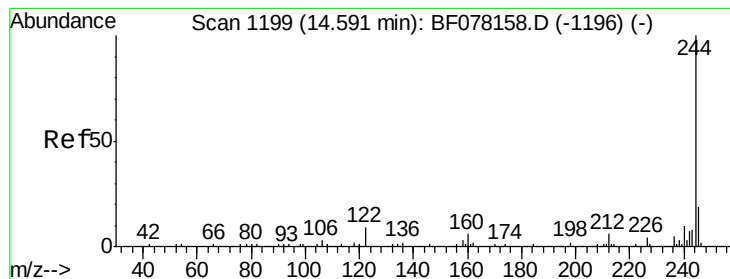
Tgt Ion:188 Resp: 176499
Ion Ratio Lower Upper
188 100
94 9.0 9.0 13.4
80 9.2 9.5 14.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.68 min Scan# 1294
Delta R.T. -0.07 min
Lab File: BF078453.D
Acq: 11 Apr 2015 22:03

Tgt Ion:240 Resp: 197089
Ion Ratio Lower Upper
240 100
120 12.5 7.1 10.7#
236 25.2 21.4 32.2





#78

Terphenyl-d14

Concen: 25.50 ng

RT: 14.41 min Scan# 1183

Delta R.T. -0.06 min

Lab File: BF078453.D

Acq: 11 Apr 2015 22:03

Instrument :

BNA_F

ClientSampleId :

SB14(1)RE

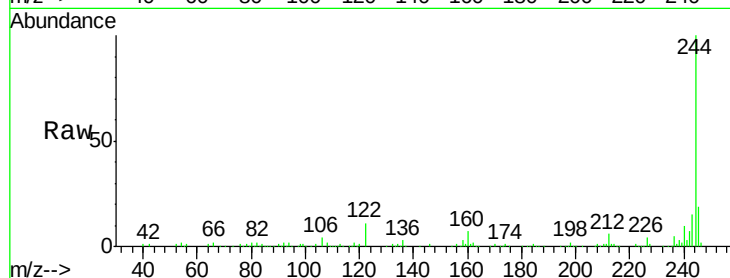
Tgt Ion:244 Resp: 222386

Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.4

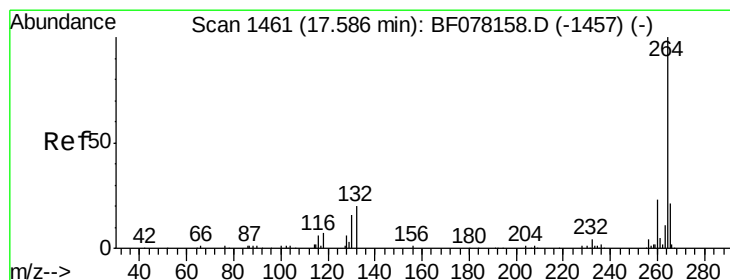
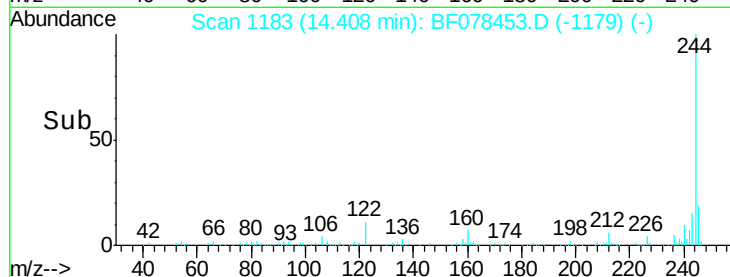
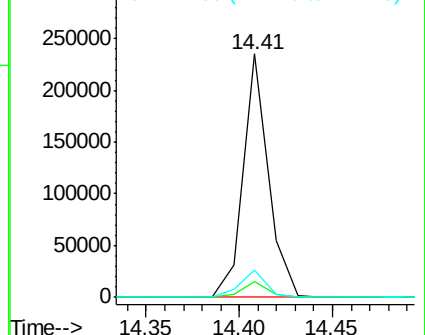
122 11.2 7.1 10.7#



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: 17.37 min Scan# 1442

Delta R.T. -0.09 min

Lab File: BF078453.D

Acq: 11 Apr 2015 22:03

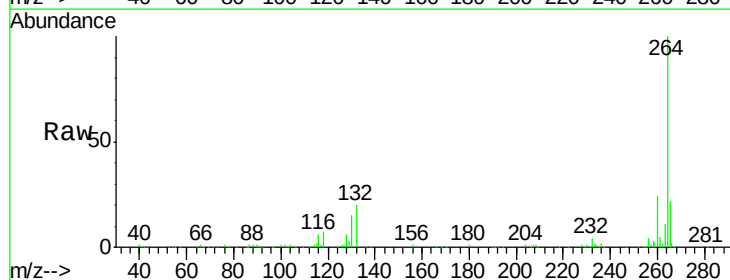
Tgt Ion:264 Resp: 194458

Ion Ratio Lower Upper

264 100

260 24.1 18.6 27.8

265 21.8 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

