

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
 Data File : BF077336.D
 Acq On : 18 Feb 2015 2:11
 Operator : TP/IZ
 Sample : PB81761BL
 Misc : S
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81761BL

Quant Time: Feb 18 04:53:20 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 18 02:50:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	56954	20.00	ng	0.00
21) Naphthalene-d8	8.96	136	230544	20.00	ng	0.00
38) Acenaphthene-d10	11.13	164	110529	20.00	ng	-0.01
63) Phenanthrene-d10	12.98	188	234367	20.00	ng	0.00
75) Chrysene-d12	16.27	240	227572	20.00	ng	0.00
86) Perylene-d12	17.97	264	224908	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	377347	113.22	ng	0.01
7) Phenol-d6	6.92	99	498244	114.44	ng	0.00
23) Nitrobenzene-d5	8.06	82	257007	77.20	ng	0.00
41) 2,4,6-Tribromophenol	12.11	330	124872	121.37	ng	0.00
44) 2-Fluorobiphenyl	10.30	172	613758	83.71	ng	0.00
78) Terphenyl-d14	14.98	244	779129	77.84	ng	0.00

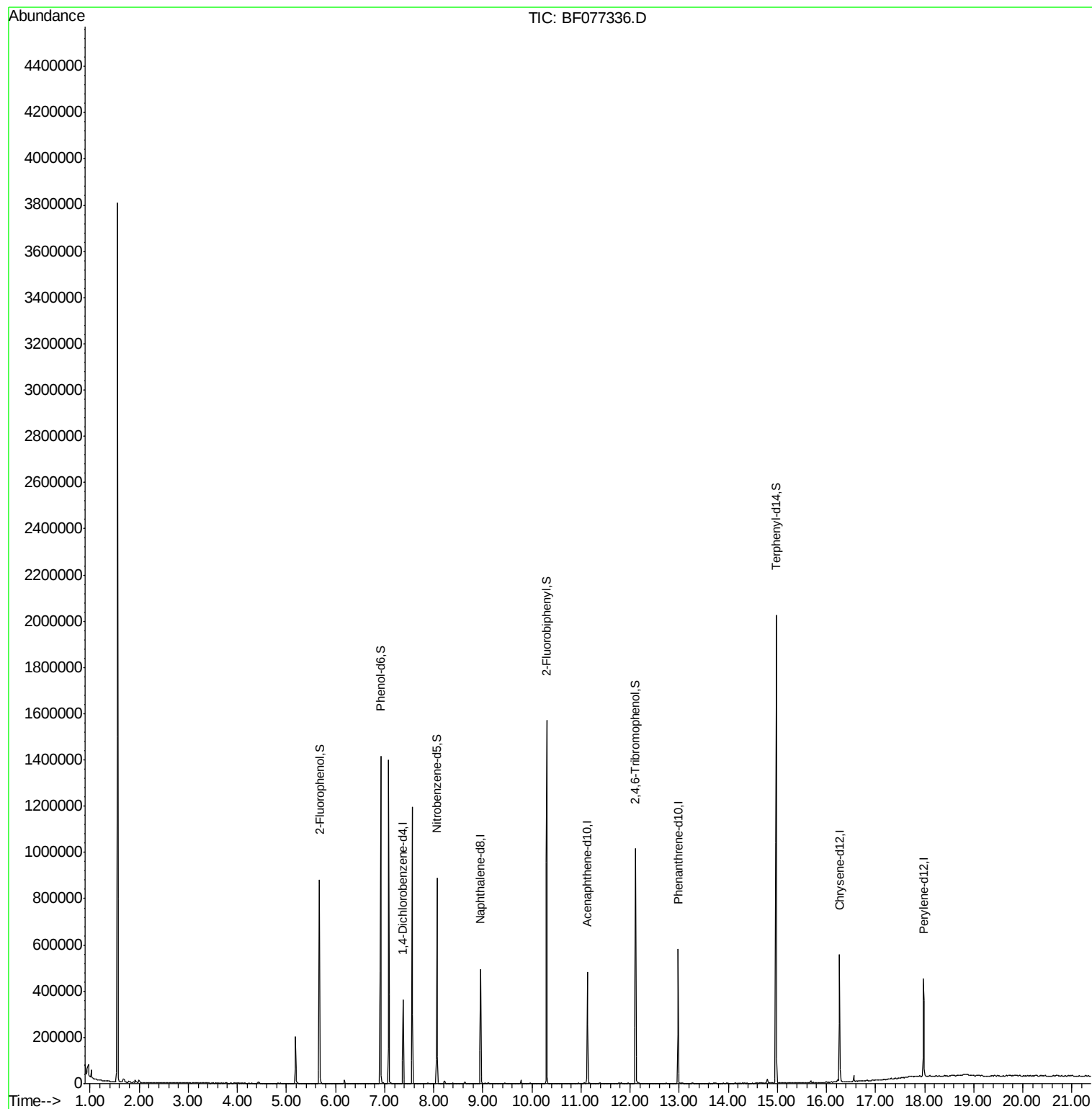
Target Compounds	Qvalue
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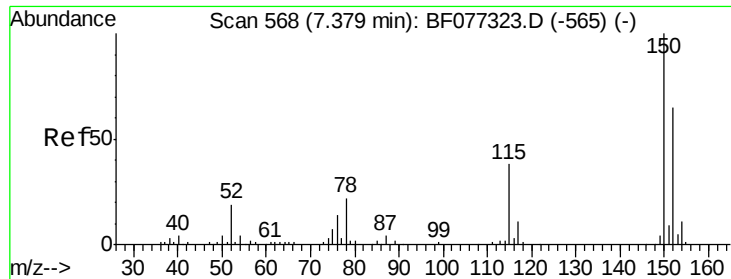
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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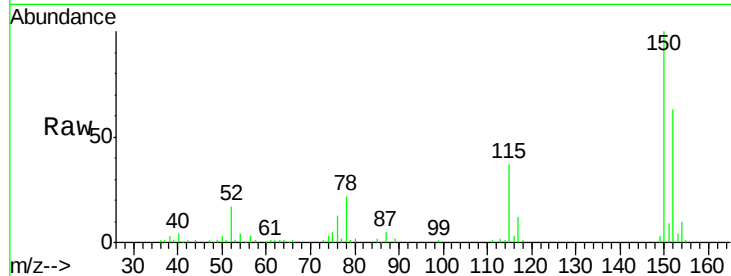




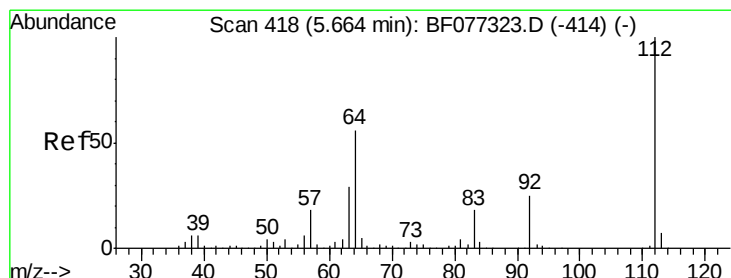
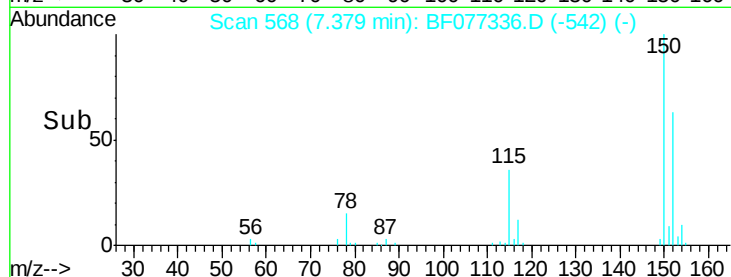
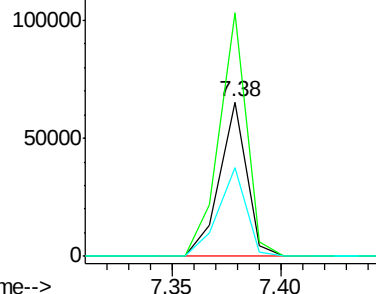
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.38 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: BF077336.D
 Acq: 18 Feb 2015 2:11

Instrument :
 BNA_F
 ClientSampled :
 PB81761BL

Tgt Ion:152 Resp: 56954
 Ion Ratio Lower Upper
 152 100
 150 157.7 123.1 184.7
 115 57.7 46.2 69.4

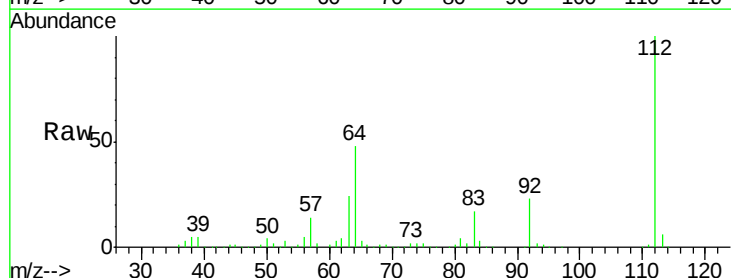


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

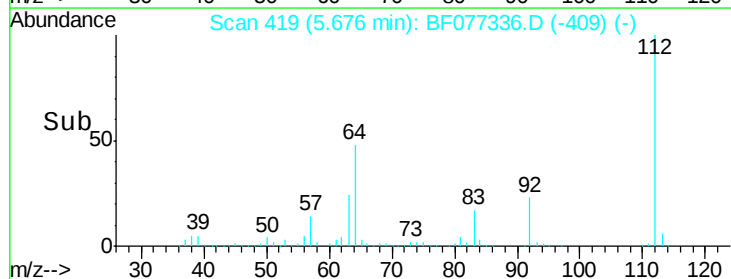
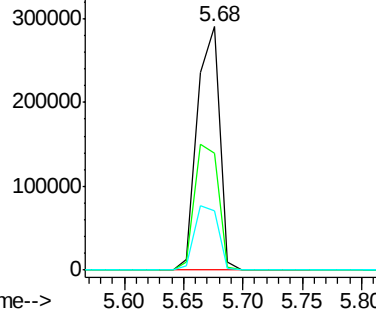


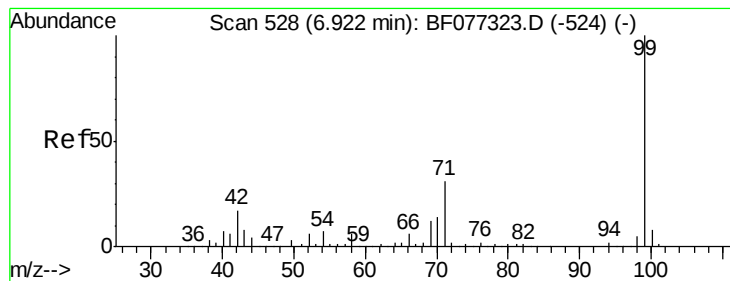
#5
 2-Fluorophenol
 Concen: 113.22 ng
 RT: 5.68 min Scan# 419
 Delta R.T. 0.01 min
 Lab File: BF077336.D
 Acq: 18 Feb 2015 2:11

Tgt Ion:112 Resp: 377347
 Ion Ratio Lower Upper
 112 100
 64 47.9 44.7 67.1
 63 24.3 23.3 34.9



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: 114.44 ng

RT: 6.92 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF077336.D

Acq: 18 Feb 2015 2:11

Instrument :

BNA_F

ClientSampleId :

PB81761BL

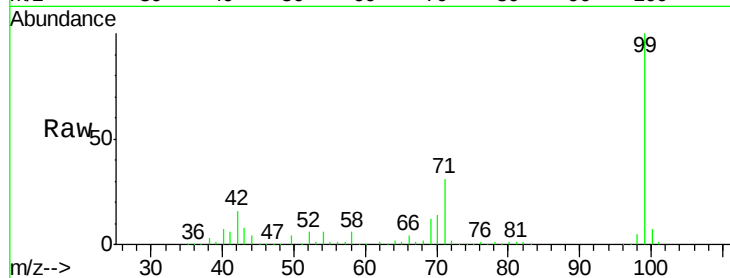
Tgt Ion: 99 Resp: 498244

Ion Ratio Lower Upper

99 100

42 16.3 13.8 20.6

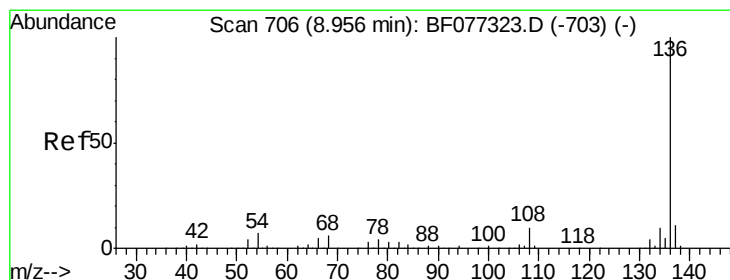
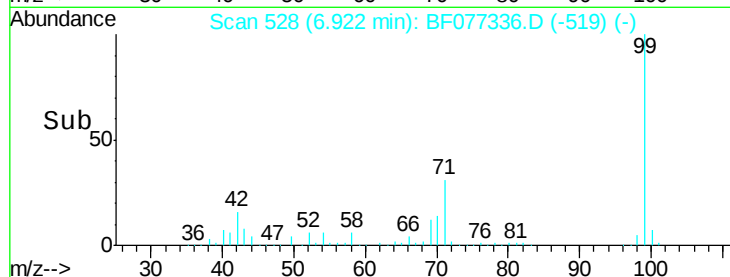
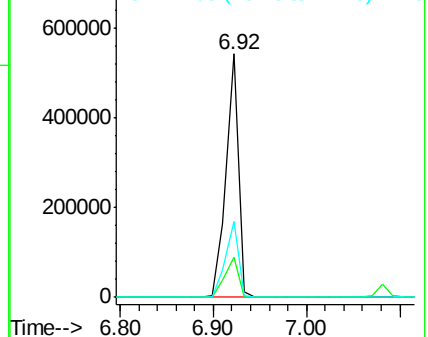
71 31.0 24.6 37.0



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# 706

Delta R.T. -0.00 min

Lab File: BF077336.D

Acq: 18 Feb 2015 2:11

Tgt Ion: 136 Resp: 230544

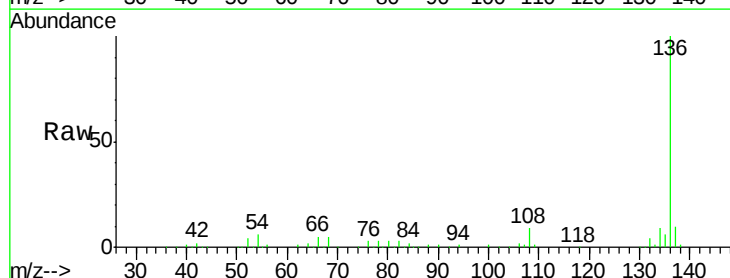
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 6.3 5.8 8.6

68 5.0 4.6 6.8

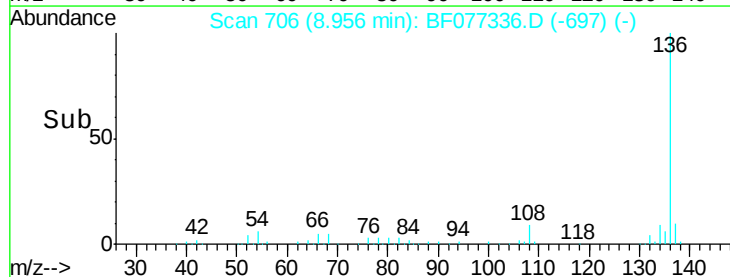
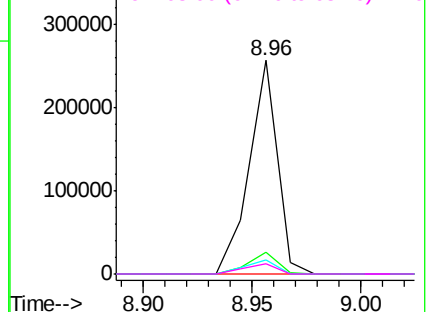


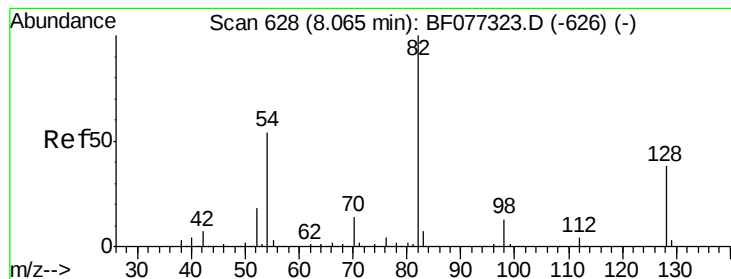
Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.20 ng

RT: 8.06 min Scan# 628

Delta R.T. -0.00 min

Lab File: BF077336.D

Acq: 18 Feb 2015 2:11

Instrument :

BNA_F

ClientSampleId :

PB81761BL

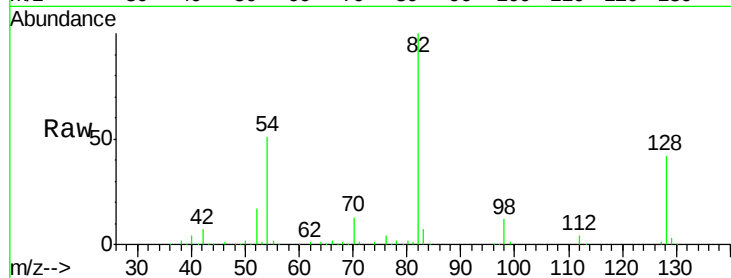
Tgt Ion: 82 Resp: 257007

Ion Ratio Lower Upper

82 100

128 41.6 30.7 46.1

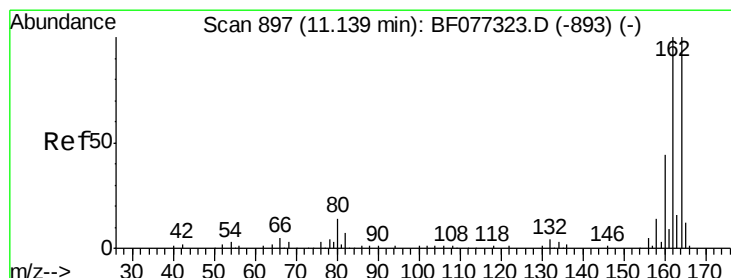
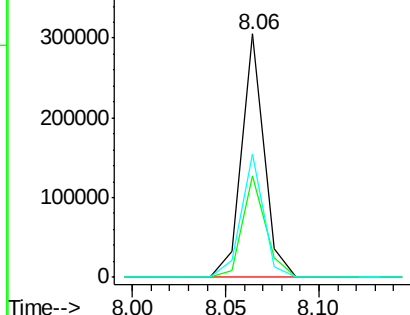
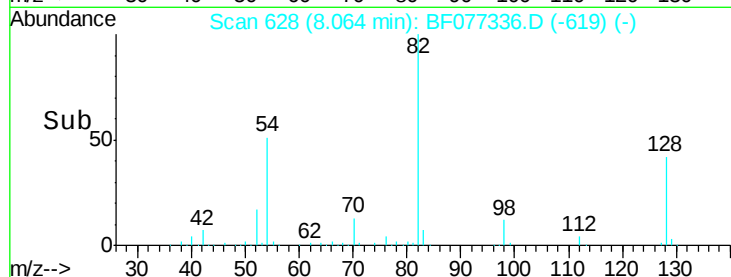
54 50.7 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BF077323.D (-626) (-)

Ion 128.00 (127.70 to 128.70): BF077323.D (-626) (-)

Ion 54.00 (53.70 to 54.70): BF077323.D (-626) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.13 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF077336.D

Acq: 18 Feb 2015 2:11

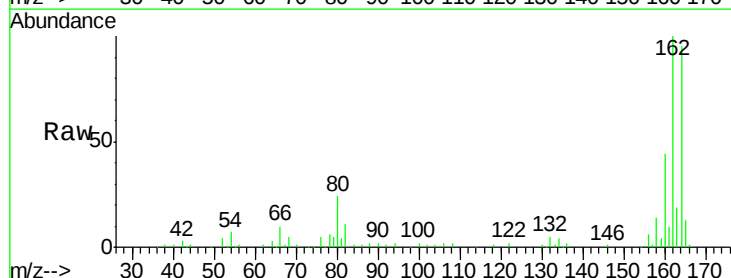
Tgt Ion: 164 Resp: 110529

Ion Ratio Lower Upper

164 100

162 105.1 80.4 120.6

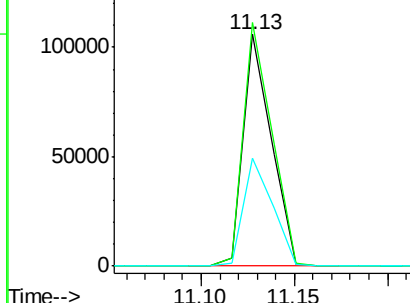
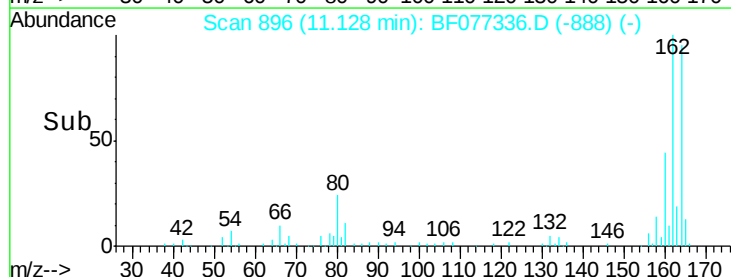
160 46.5 35.3 52.9

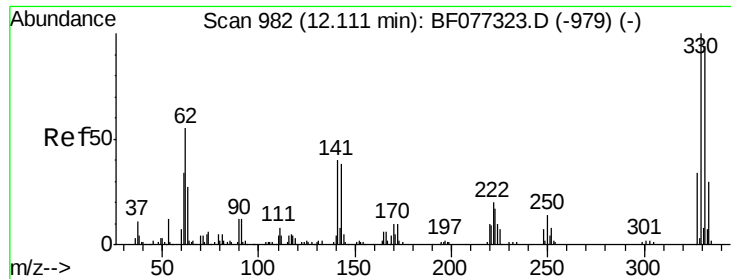


Abundance Ion 164.00 (163.70 to 164.70): BF077323.D (-893) (-)

Ion 162.00 (161.70 to 162.70): BF077323.D (-893) (-)

Ion 160.00 (159.70 to 160.70): BF077323.D (-893) (-)

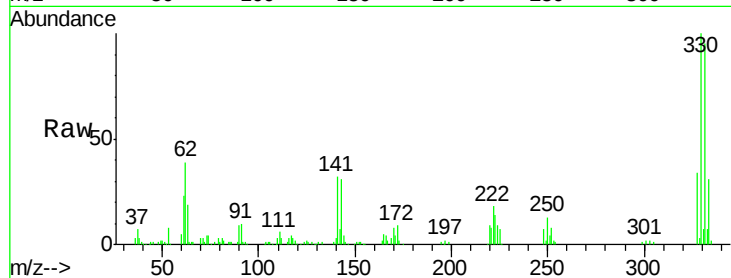




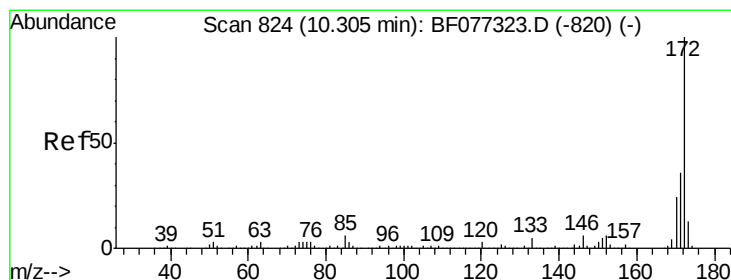
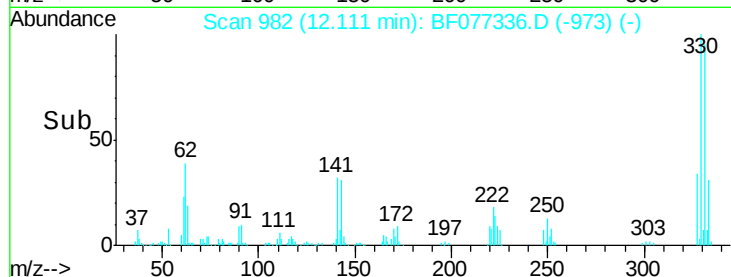
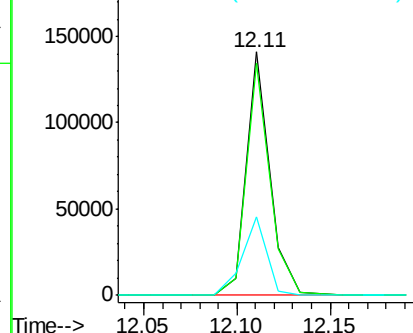
#41
 2,4,6-Tribromophenol
 Concen: 121.37 ng
 RT: 12.11 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BF077336.D
 Acq: 18 Feb 2015 2:11

Instrument :
 BNA_F
 ClientSampleId :
 PB81761BL

Tgt Ion:330 Resp: 124872
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.1 114.1
 141 33.9 28.5 42.7

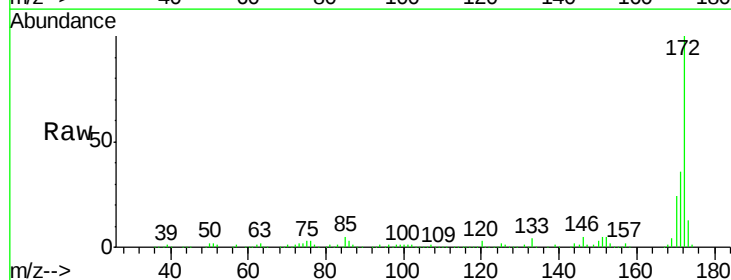


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

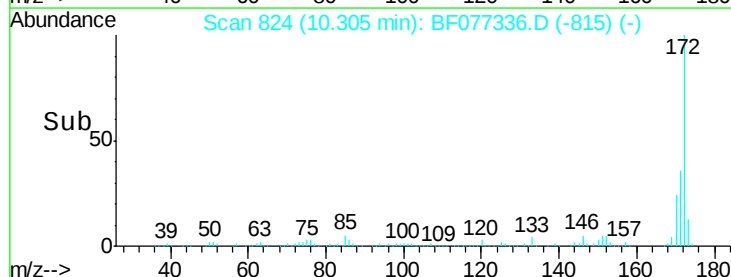
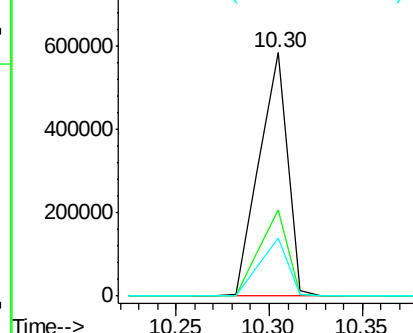


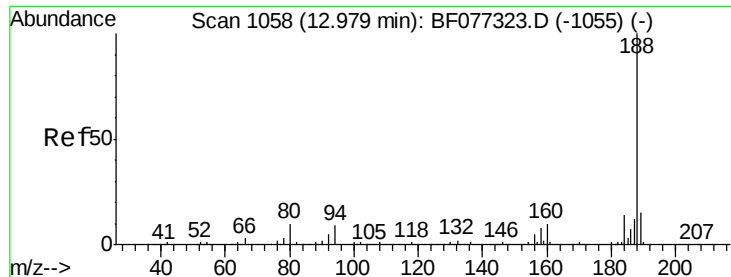
#44
 2-Fluorobiphenyl
 Concen: 83.71 ng
 RT: 10.30 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF077336.D
 Acq: 18 Feb 2015 2:11

Tgt Ion:172 Resp: 613758
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.9 43.3
 170 23.6 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

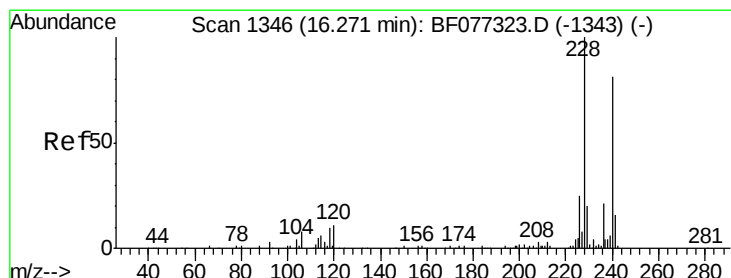
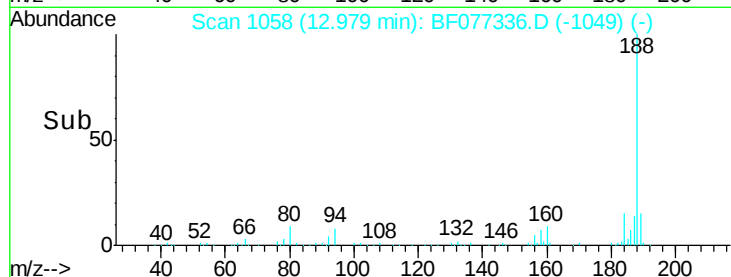
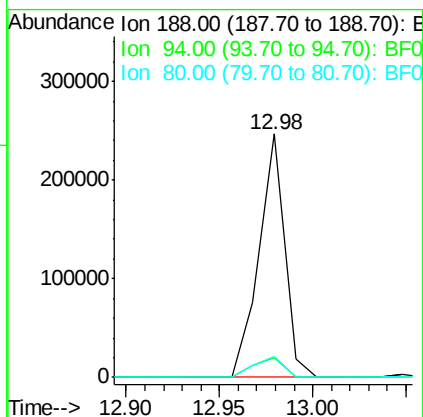
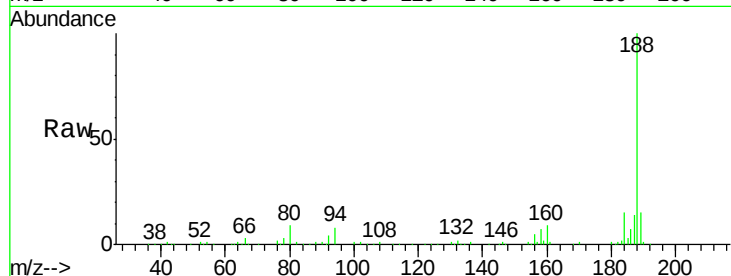




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.98 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BF077336.D
Acq: 18 Feb 2015 2:11

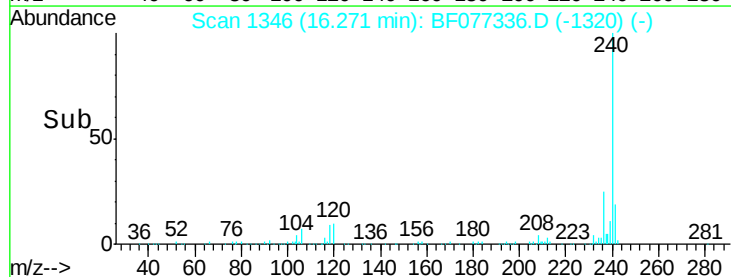
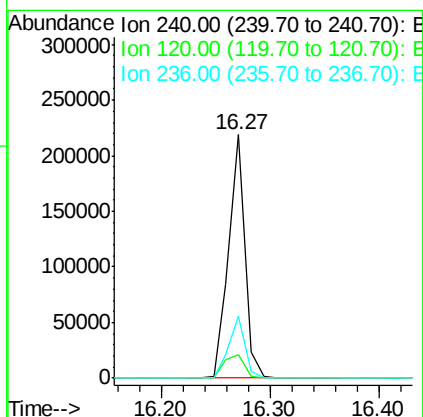
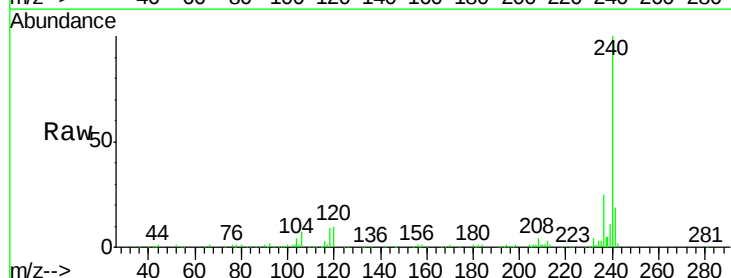
Instrument :
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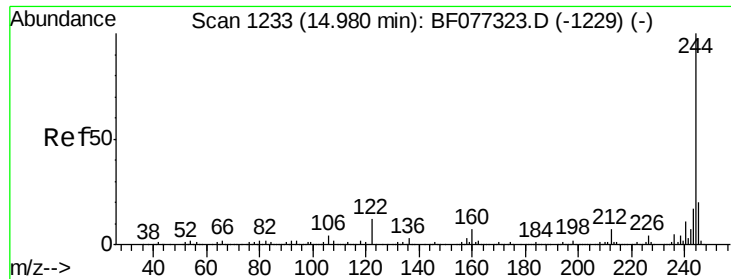
Tgt Ion:188 Resp: 234367
Ion Ratio Lower Upper
188 100
94 8.1 7.2 10.8
80 8.7 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.27 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF077336.D
Acq: 18 Feb 2015 2:11

Tgt Ion:240 Resp: 227572
Ion Ratio Lower Upper
240 100
120 9.9 11.3 16.9#
236 25.5 20.3 30.5

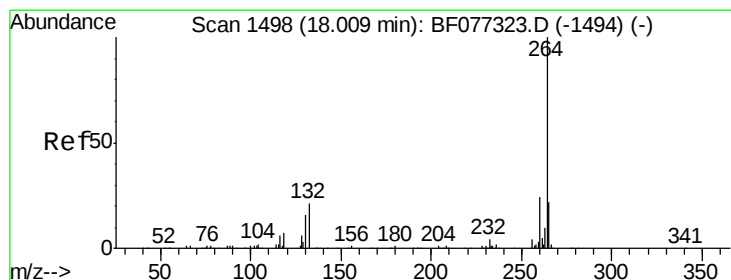
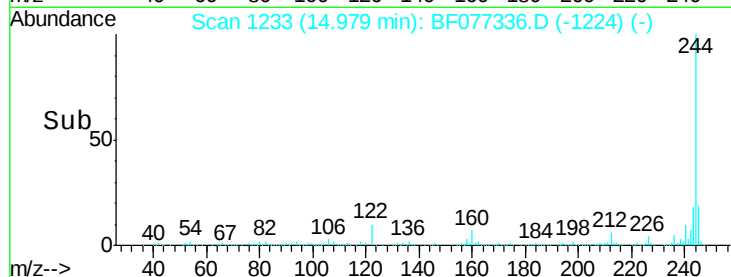
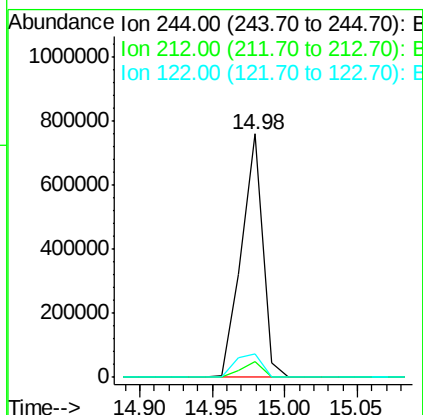
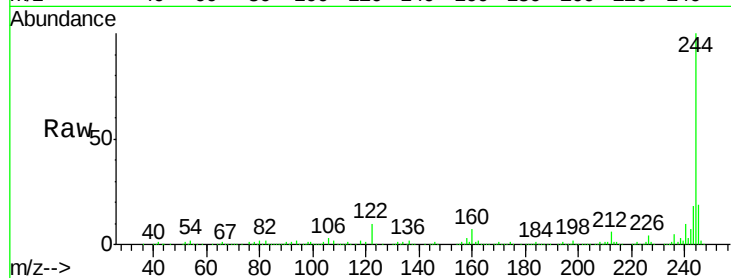




#78
 Terphenyl-d14
 Concen: 77.84 ng
 RT: 14.98 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BF077336.D
 Acq: 18 Feb 2015 2:11

Instrument :
 BNA_F
 ClientSampleId :
 PB81761BL

Tgt Ion:244 Resp: 779129
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 9.7 9.3 13.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.97 min Scan# 1495
 Delta R.T. -0.03 min
 Lab File: BF077336.D
 Acq: 18 Feb 2015 2:11

Tgt Ion:264 Resp: 224908
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.9 28.3
 265 21.8 17.7 26.5

