

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061015\
 Data File : BF079873.D
 Acq On : 10 Jun 2015 19:15
 Operator : TP/IZ
 Sample : G2523-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIP-12-6-3-15

Quant Time: Jun 11 02:16:13 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 00:53:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	51494	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	207286	20.00	ng	0.00
38) Acenaphthene-d10	10.48	164	104133	20.00	ng	-0.01
63) Phenanthrene-d10	11.99	188	215440	20.00	ng	-0.01
75) Chrysene-d12	14.96	240	212664	20.00	ng	-0.11
86) Perylene-d12	16.87	264	196886	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	154570	49.47	ng	0.00
7) Phenol-d6	7.02	99	117998	29.19	ng	0.00
23) Nitrobenzene-d5	7.98	82	256102	71.37	ng	0.00
41) 2,4,6-Tribromophenol	11.28	330	108151	120.01	ng	0.00
44) 2-Fluorobiphenyl	9.78	172	651057	87.93	ng	0.00
78) Terphenyl-d14	13.68	244	787796	83.51	ng	-0.06

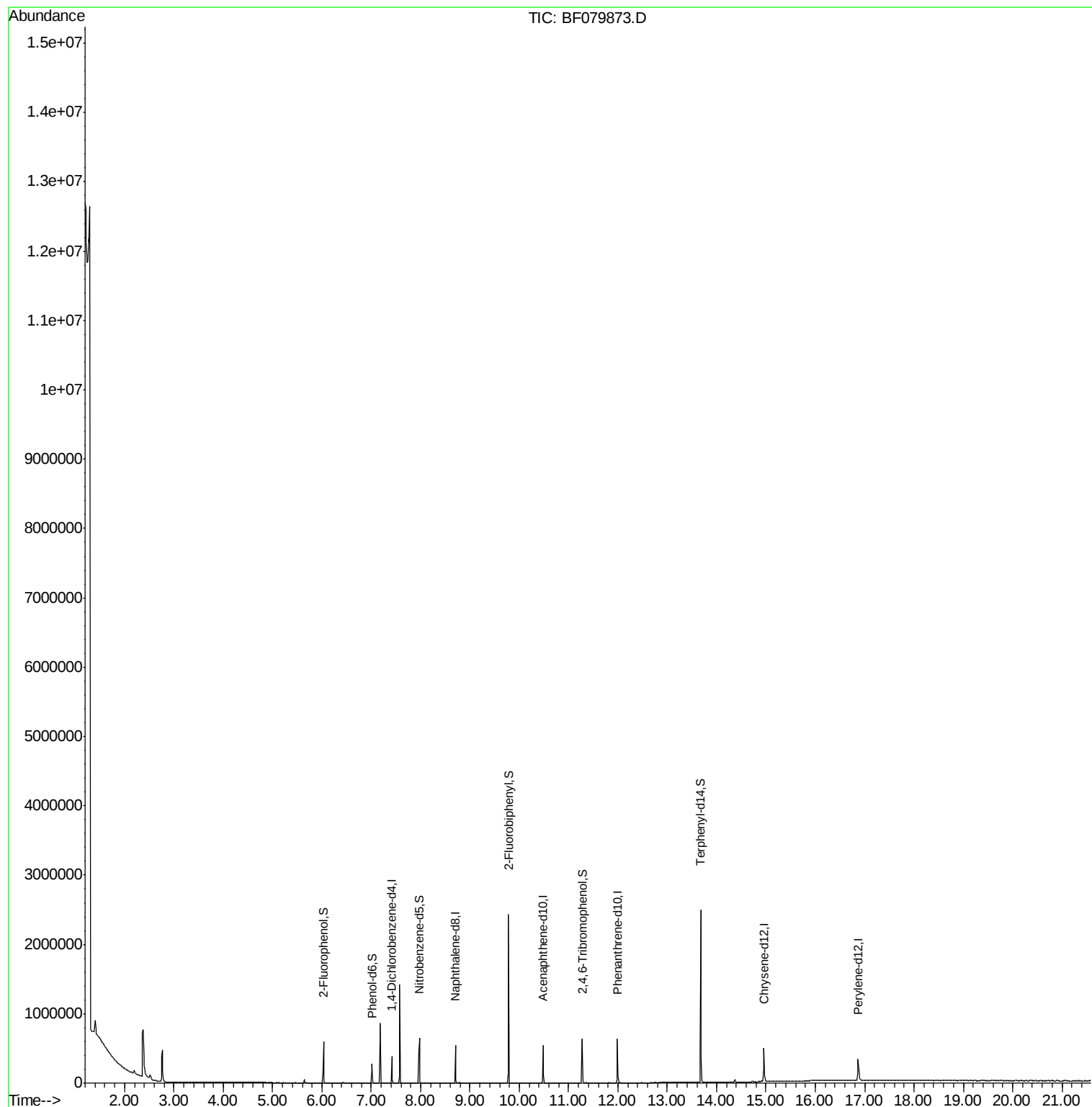
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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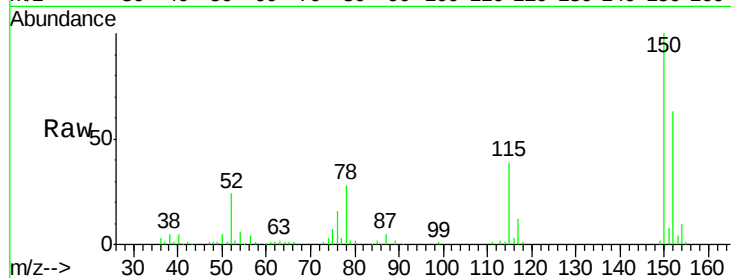


#1

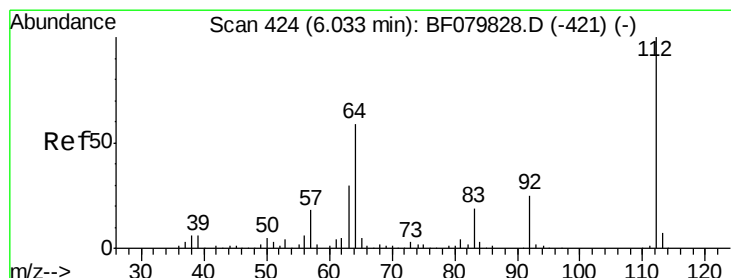
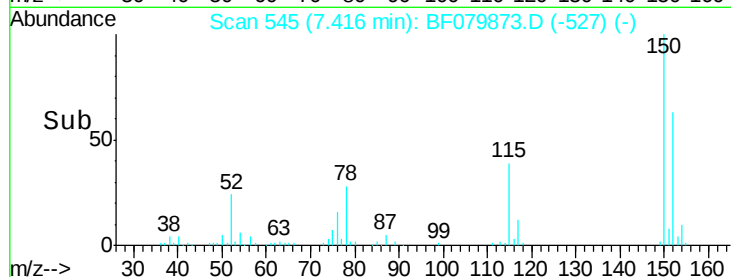
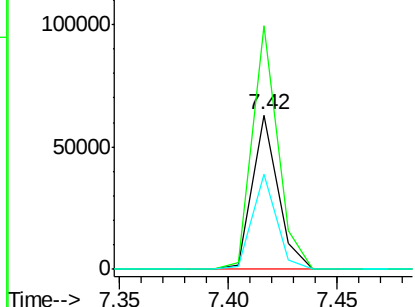
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.42 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF079873.D
Acq: 10 Jun 2015 19:15

Instrument :
BNA_F
ClientSampled :
LIP-12-6-3-15

Tgt Ion:152 Resp: 51494
Ion Ratio Lower Upper
152 100
150 157.5 131.4 197.2
115 61.4 56.5 84.7



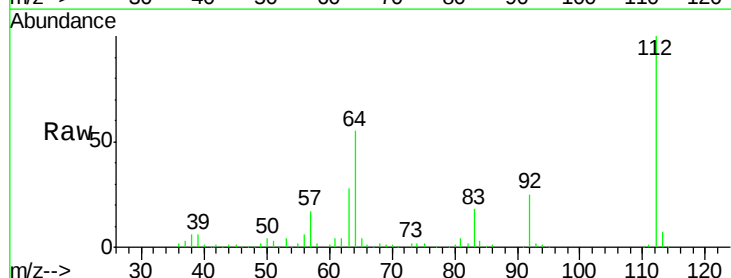
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



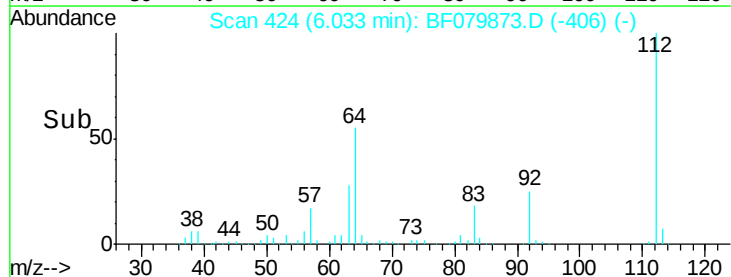
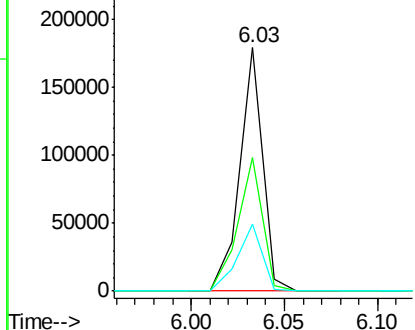
#5

2-Fluorophenol
Concen: 49.47 ng
RT: 6.03 min Scan# 424
Delta R.T. 0.00 min
Lab File: BF079873.D
Acq: 10 Jun 2015 19:15

Tgt Ion:112 Resp: 154570
Ion Ratio Lower Upper
112 100
64 55.0 44.2 66.4
63 27.7 22.8 34.2



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: 29.19 ng

RT: 7.02 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF079873.D

Acq: 10 Jun 2015 19:15

Instrument :

BNA_F

ClientSampleId :

LIP-12-6-3-15

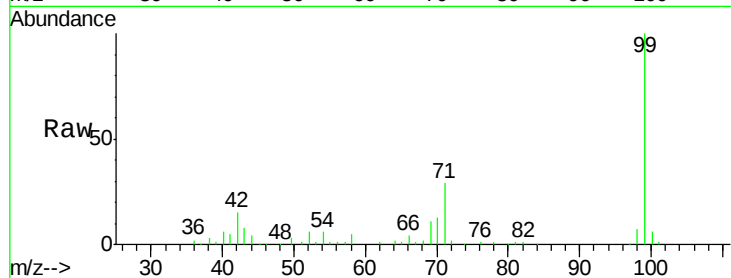
Tgt Ion: 99 Resp: 117998

Ion Ratio Lower Upper

99 100

42 14.8 13.7 20.5

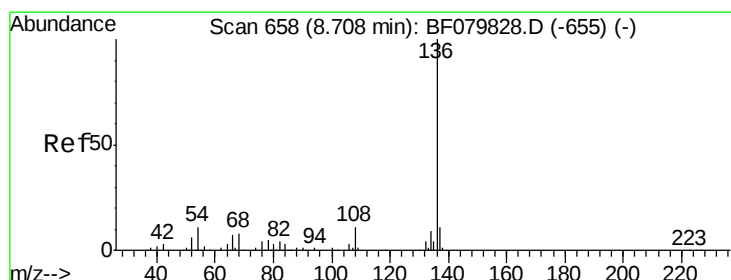
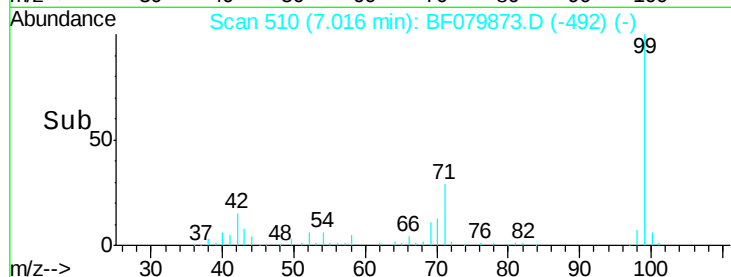
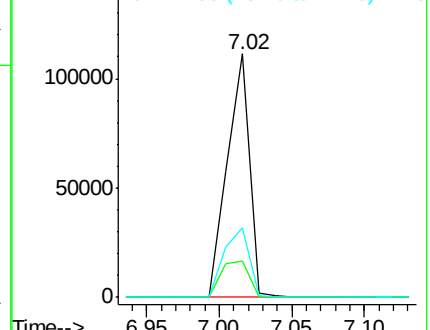
71 28.7 25.1 37.7



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: 8.71 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF079873.D

Acq: 10 Jun 2015 19:15

Tgt Ion: 136 Resp: 207286

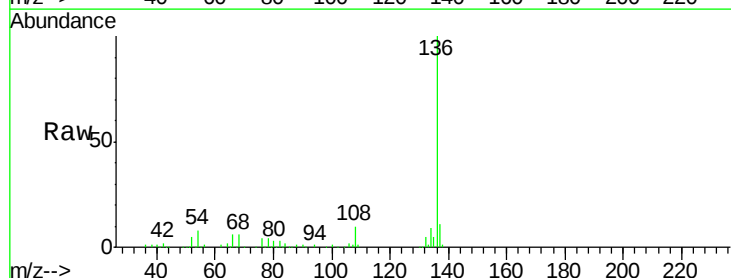
Ion Ratio Lower Upper

136 100

137 10.7 9.3 13.9

54 8.5 8.1 12.1

68 6.1 4.8 7.2

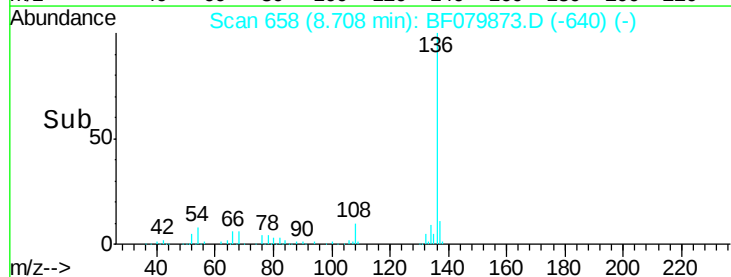
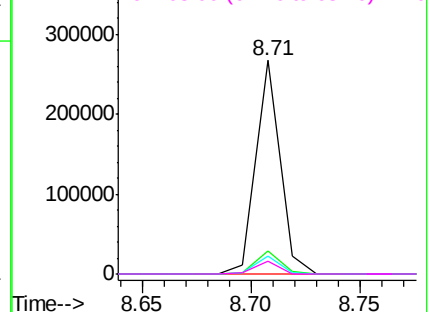


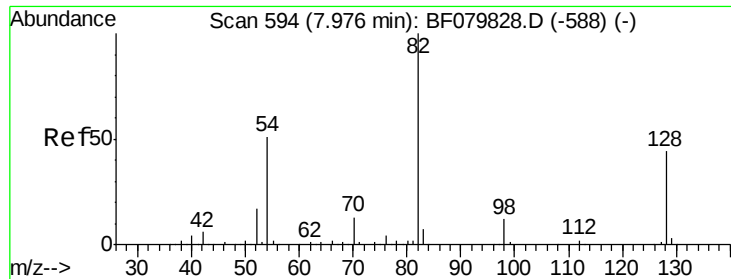
Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.37 ng

RT: 7.98 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF079873.D

Acq: 10 Jun 2015 19:15

Instrument :

BNA_F

ClientSampleId :

LIP-12-6-3-15

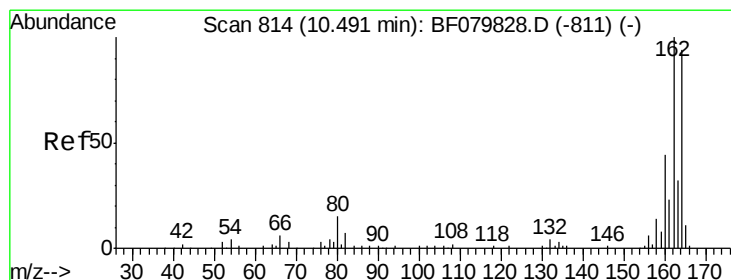
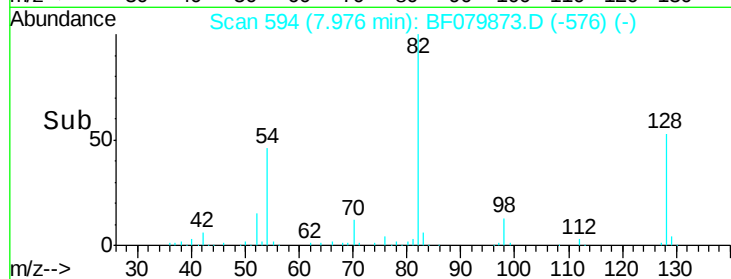
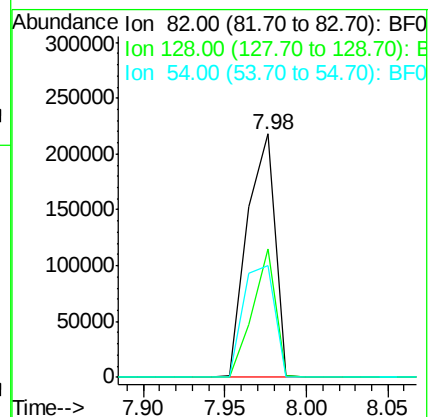
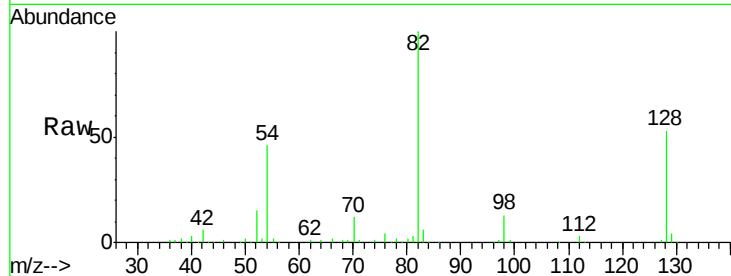
Tgt Ion: 82 Resp: 256102

Ion Ratio Lower Upper

82 100

128 52.6 35.2 52.8

54 45.8 39.2 58.8



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.48 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF079873.D

Acq: 10 Jun 2015 19:15

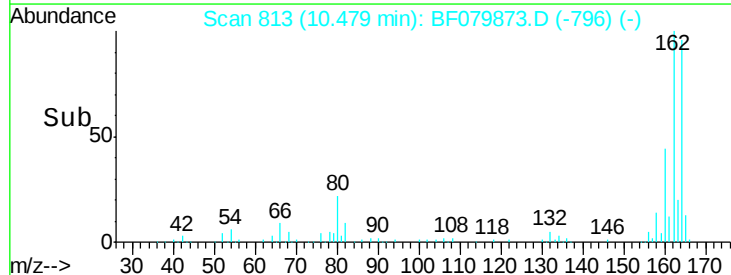
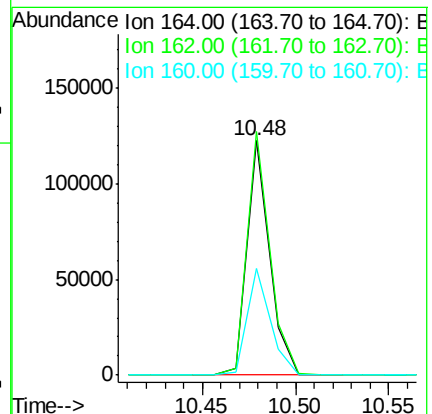
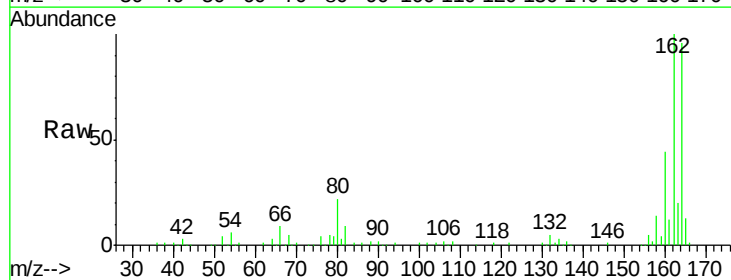
Tgt Ion: 164 Resp: 104133

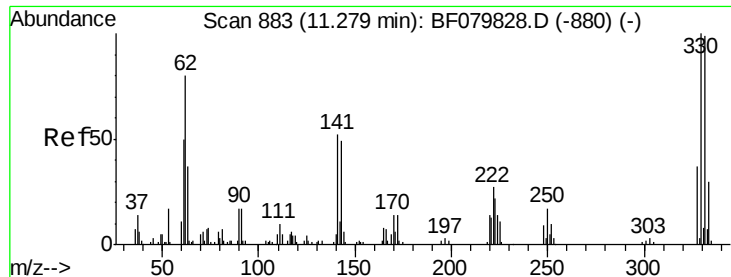
Ion Ratio Lower Upper

164 100

162 104.0 89.8 134.8

160 45.8 39.6 59.4

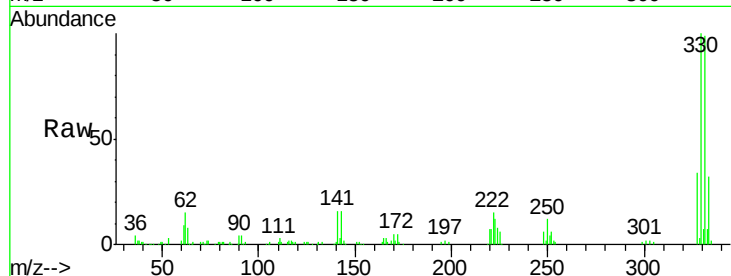




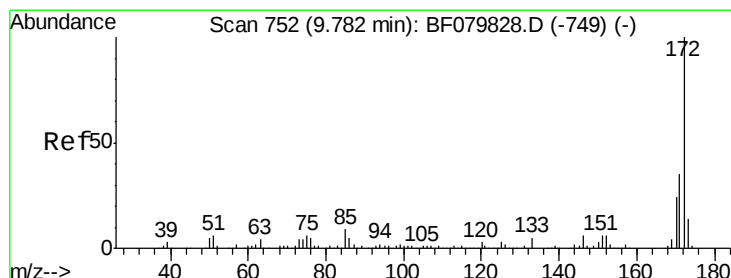
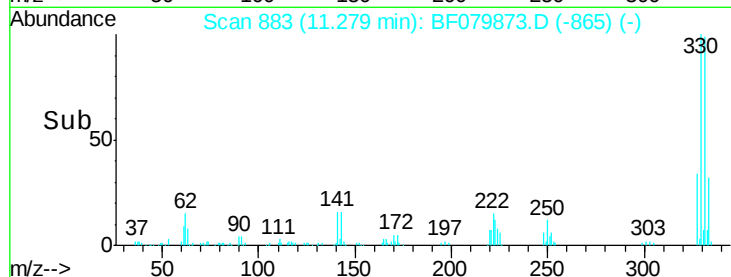
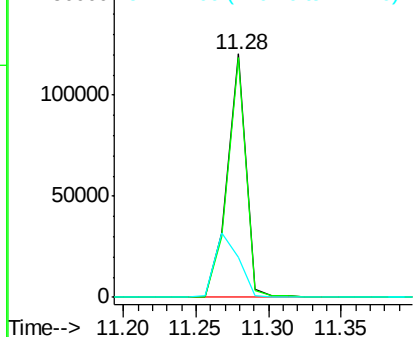
#41
 2,4,6-Tribromophenol
 Concen: 120.01 ng
 RT: 11.28 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF079873.D
 Acq: 10 Jun 2015 19:15

Instrument :
 BNA_F
 ClientSampleId :
 LIP-12-6-3-15

Tgt Ion:330 Resp: 108151
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.8 115.2
 141 34.0 29.1 43.7

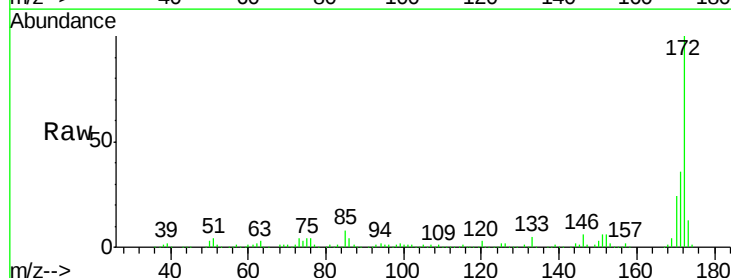


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

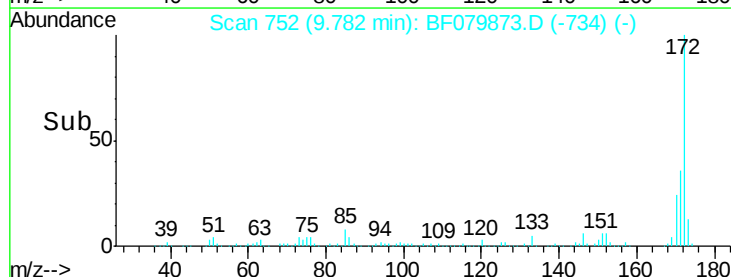
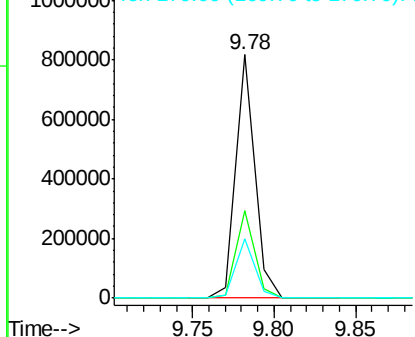


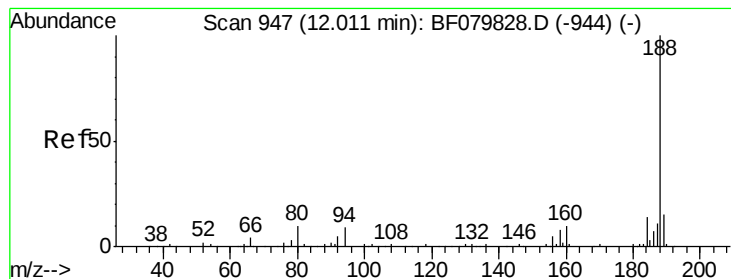
#44
 2-Fluorobiphenyl
 Concen: 87.93 ng
 RT: 9.78 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF079873.D
 Acq: 10 Jun 2015 19:15

Tgt Ion:172 Resp: 651057
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.5 42.7
 170 24.2 18.8 28.2



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: 11.99 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF079873.D

Acq: 10 Jun 2015 19:15

Instrument :

BNA_F

ClientSampleId :

LIP-12-6-3-15

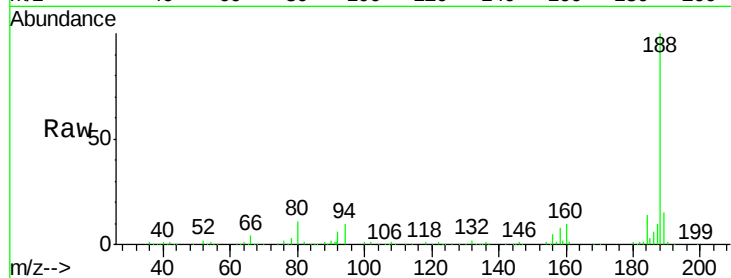
Tgt Ion:188 Resp: 215440

Ion Ratio Lower Upper

188 100

94 9.7 7.4 11.0

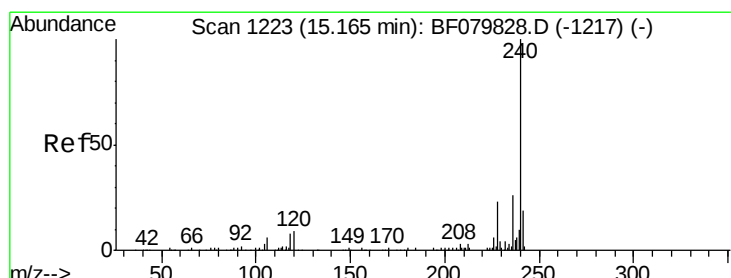
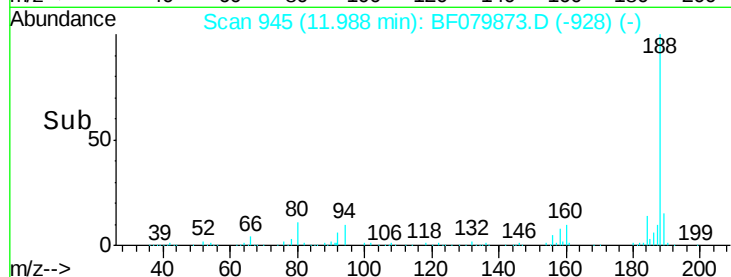
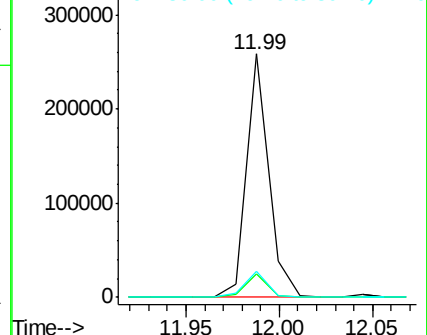
80 10.9 8.0 12.0



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: 14.96 min Scan# 1205

Delta R.T. -0.11 min

Lab File: BF079873.D

Acq: 10 Jun 2015 19:15

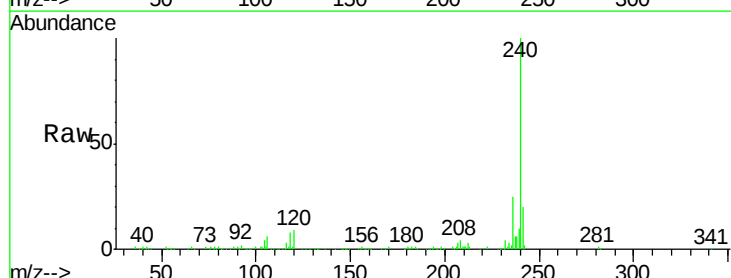
Tgt Ion:240 Resp: 212664

Ion Ratio Lower Upper

240 100

120 8.9 6.6 9.8

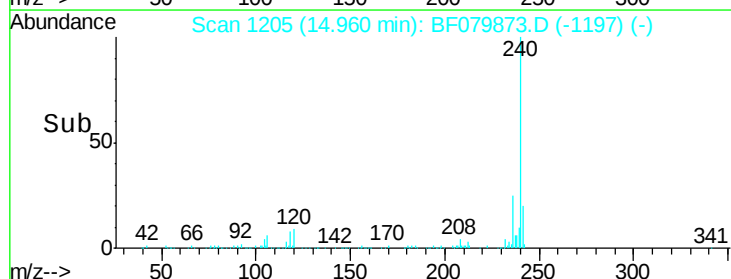
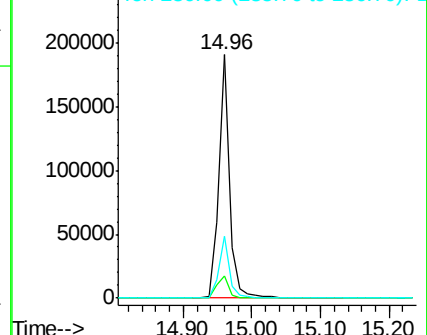
236 25.4 20.2 30.4

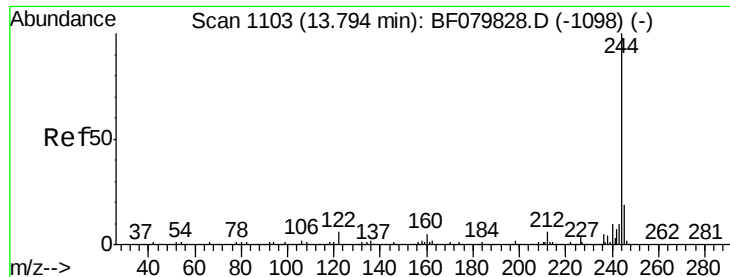


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.51 ng

RT: 13.68 min Scan# 1093

Delta R.T. -0.06 min

Lab File: BF079873.D

Acq: 10 Jun 2015 19:15

Instrument :

BNA_F

ClientSampleId :

LIP-12-6-3-15

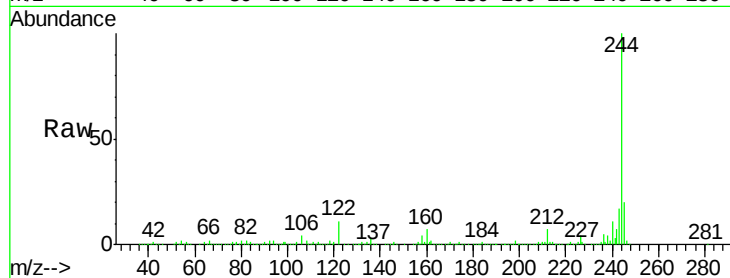
Tgt Ion:244 Resp: 787796

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

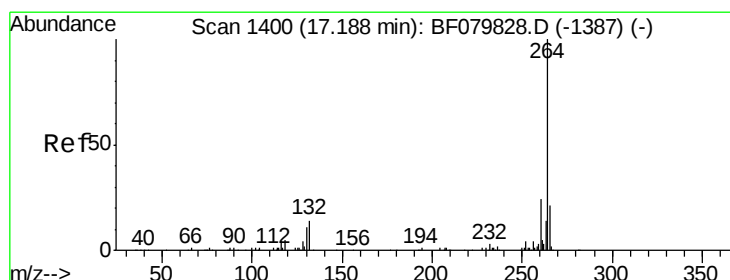
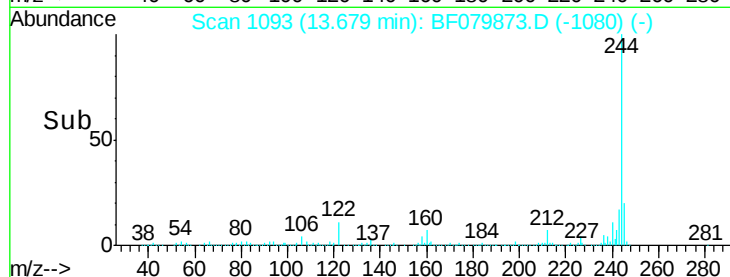
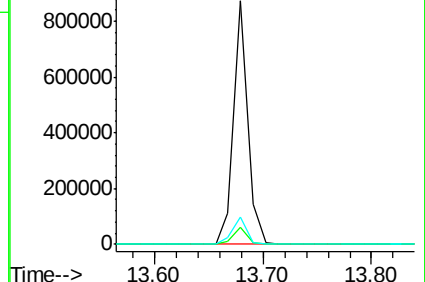
122 11.4 8.2 12.2



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: 16.87 min Scan# 1372

Delta R.T. -0.16 min

Lab File: BF079873.D

Acq: 10 Jun 2015 19:15

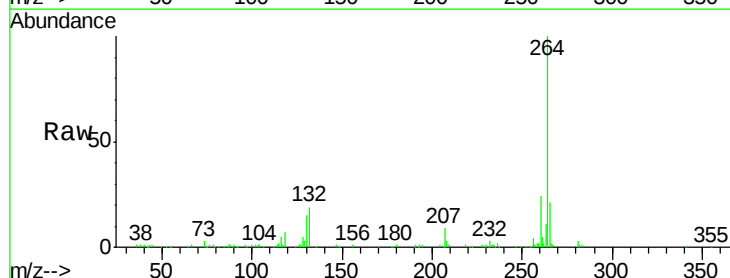
Tgt Ion:264 Resp: 196886

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 21.1 18.0 27.0



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

