

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
 Data File : BF079949.D
 Acq On : 12 Jun 2015 22:04
 Operator : TP/IZ
 Sample : G2627-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-41

Quant Time: Jun 12 23:12:13 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 22:57:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	42968	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	165407	20.00	ng	0.00
38) Acenaphthene-d10	10.44	164	89102	20.00	ng	0.00
63) Phenanthrene-d10	11.94	188	193000	20.00	ng	-0.03
75) Chrysene-d12	0.00	240	0	0.00	ng	-15.14
86) Perylene-d12	0.00	264	0	0.00	ng	-17.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.99	112	193602	82.62	ng	0.00
7) Phenol-d6	6.97	99	172794	54.12	ng	0.00
23) Nitrobenzene-d5	7.93	82	250047	99.74	ng	0.00
41) 2,4,6-Tribromophenol	11.23	330	114282	127.40	ng	-0.01
44) 2-Fluorobiphenyl	9.75	172	582599	91.56	ng	0.00
78) Terphenyl-d14	13.61	244	647023	0.00	ng	-0.16

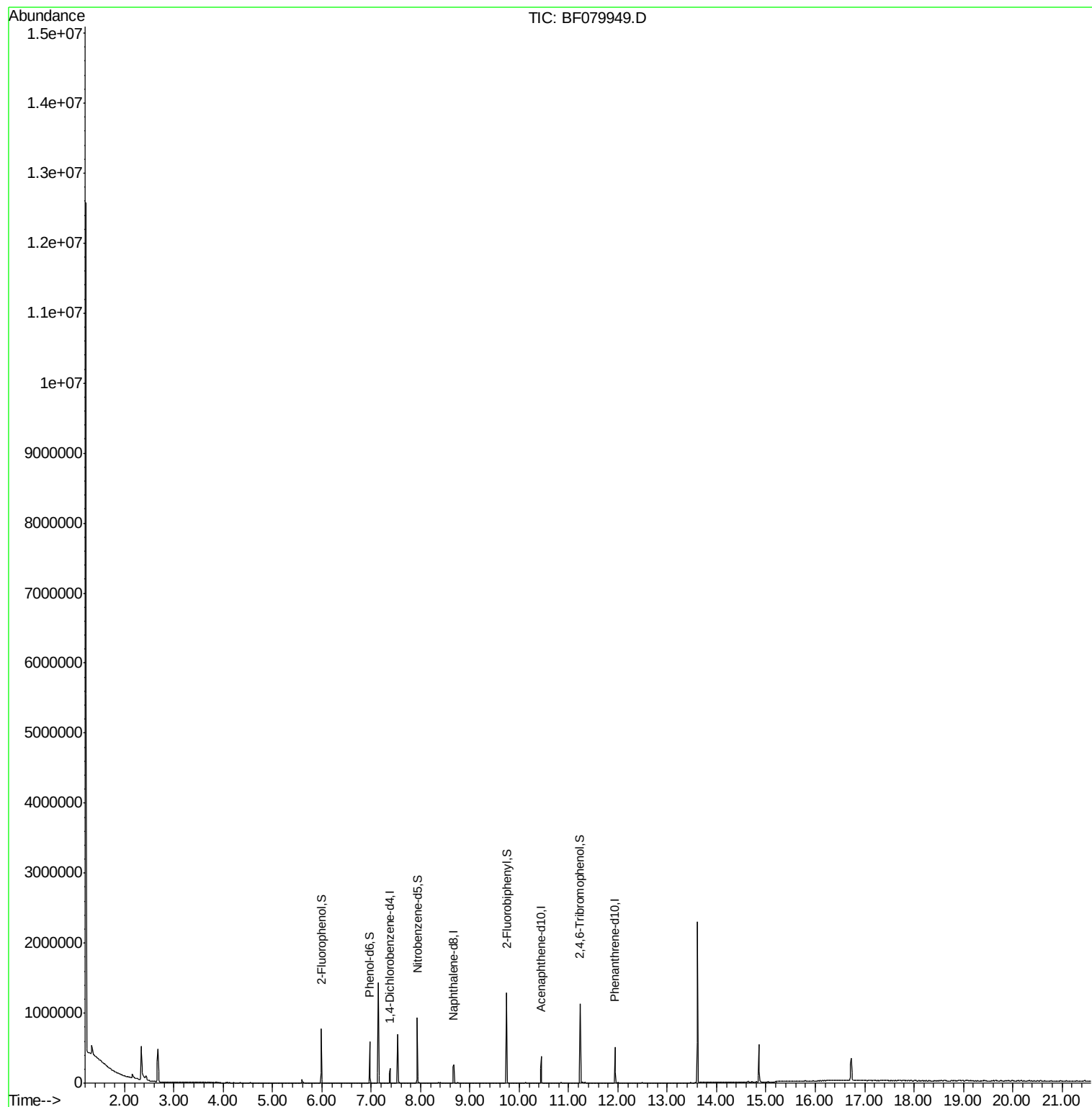
Target Compounds	Qvalue
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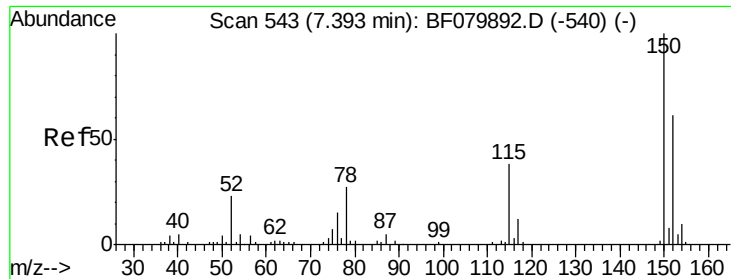
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.38 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF079949.D

Acq: 12 Jun 2015 22:04

Instrument :

BNA_F

ClientSampleId :

MW-41

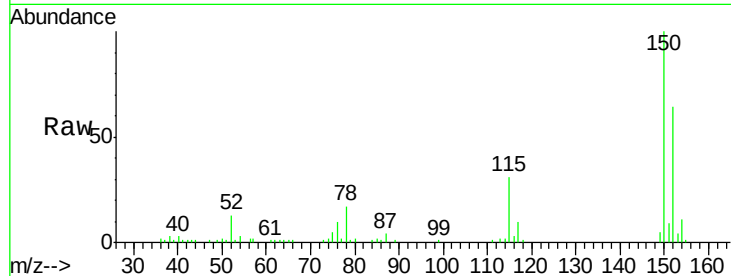
Tgt Ion:152 Resp: 42968

Ion Ratio Lower Upper

152 100

150 155.3 131.0 196.4

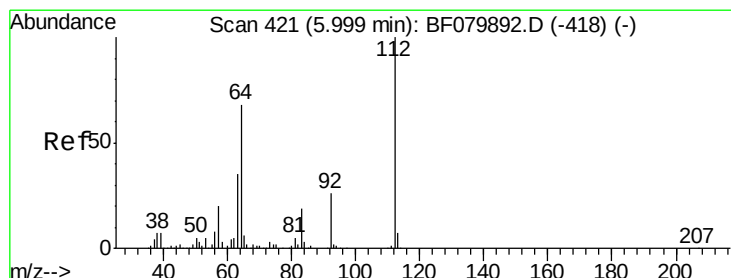
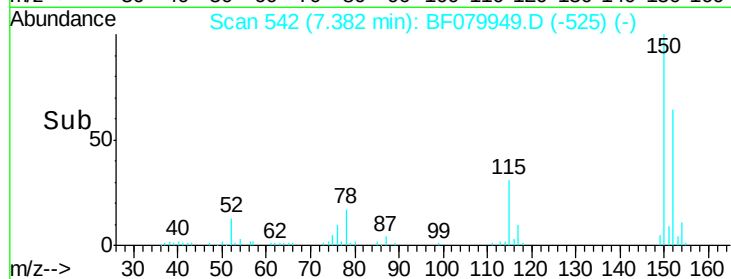
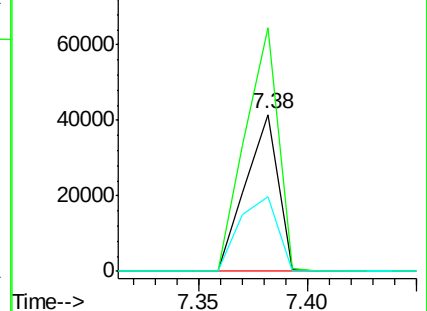
115 47.7 49.8 74.6#



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: 82.62 ng

RT: 5.99 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF079949.D

Acq: 12 Jun 2015 22:04

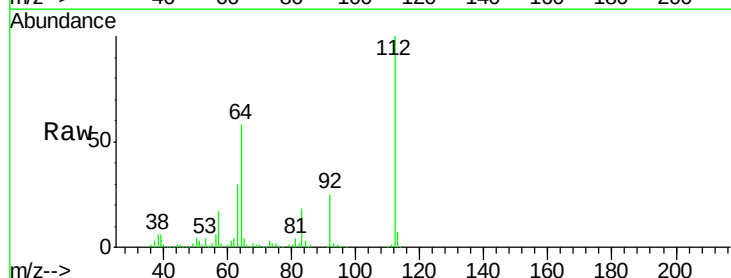
Tgt Ion:112 Resp: 193602

Ion Ratio Lower Upper

112 100

64 58.2 54.5 81.7

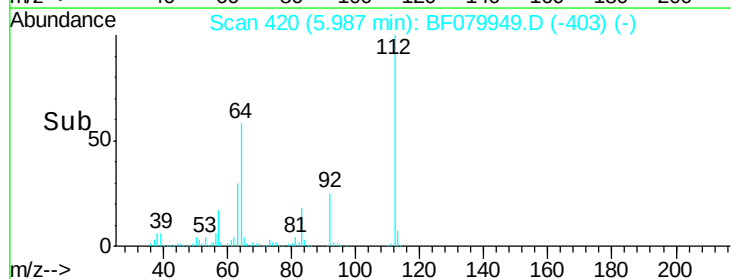
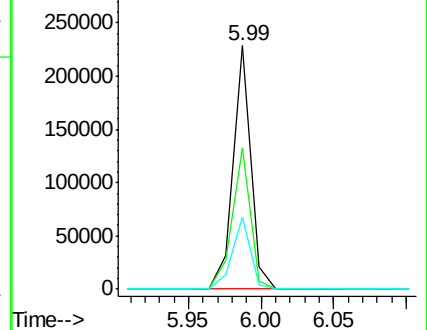
63 29.5 27.9 41.9

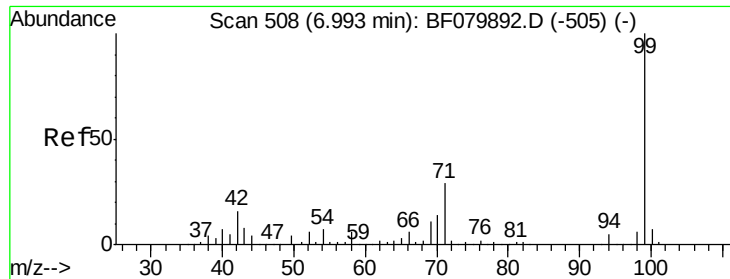


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 54.12 ng

RT: 6.97 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF079949.D

Acq: 12 Jun 2015 22:04

Instrument :

BNA_F

ClientSampled :

MW-41

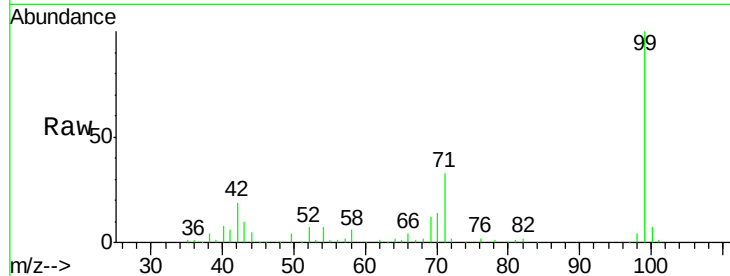
Tgt Ion: 99 Resp: 172794

Ion Ratio Lower Upper

99 100

42 18.7 12.9 19.3

71 33.3 23.4 35.2



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

250000

200000

150000

100000

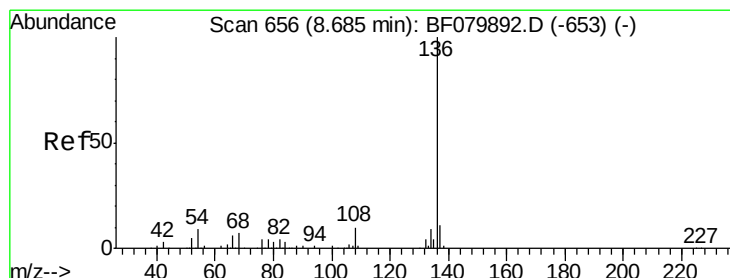
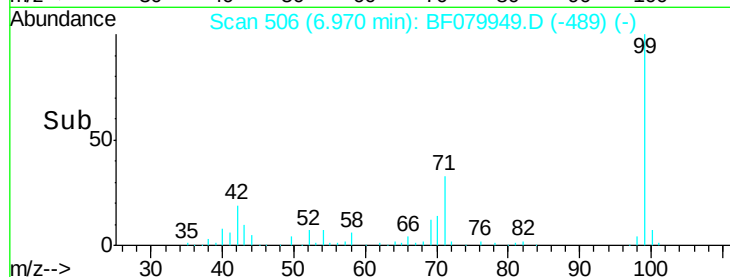
50000

0

6.97

6.90 7.00 7.10

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.67 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF079949.D

Acq: 12 Jun 2015 22:04

Tgt Ion: 136 Resp: 165407

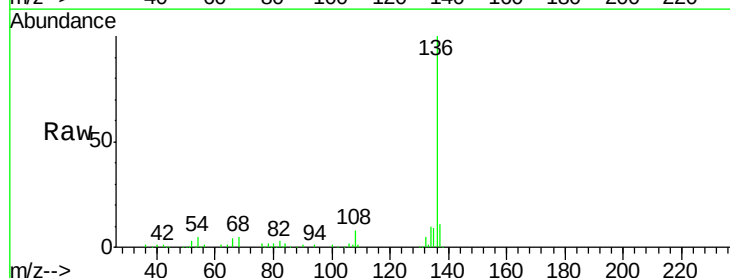
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 4.8 7.3 10.9#

68 4.8 5.9 8.9#



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

200000

150000

100000

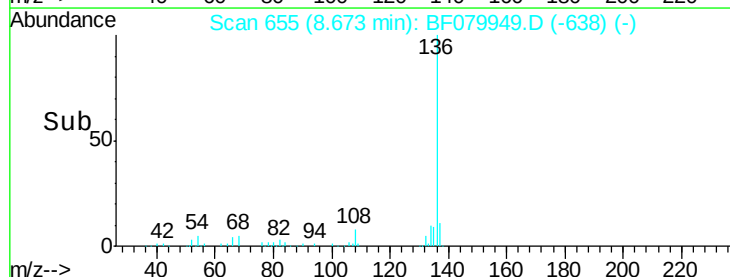
50000

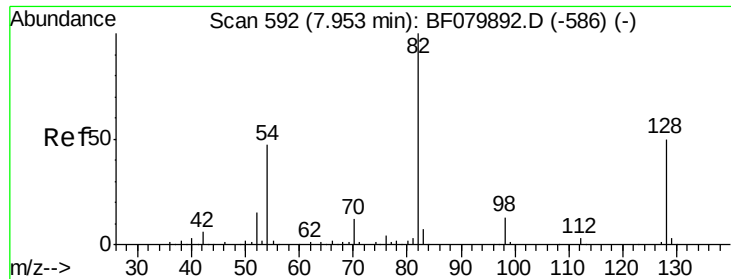
0

8.67

8.60 8.65 8.70

Time-->

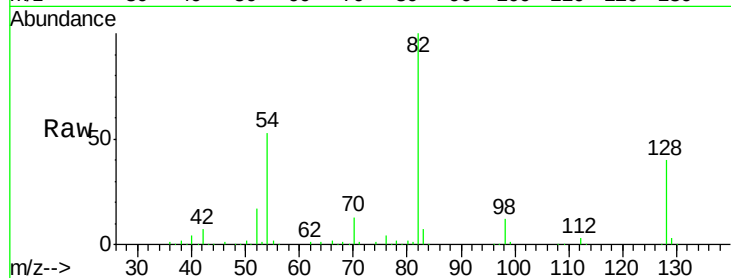




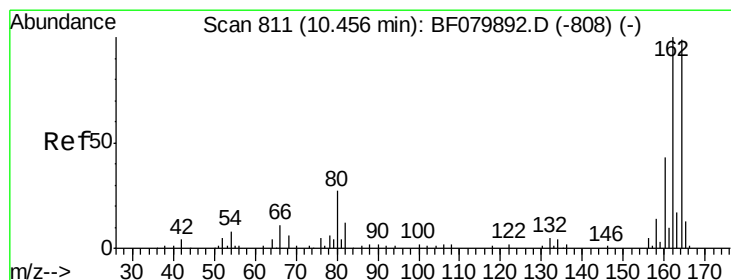
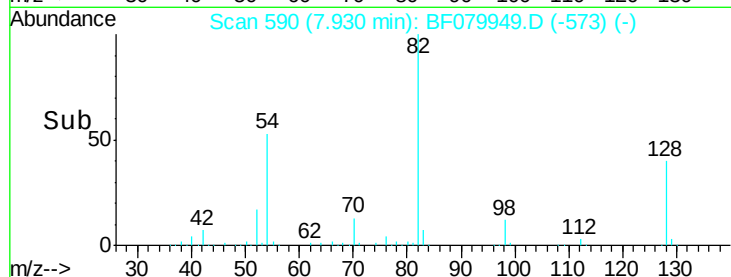
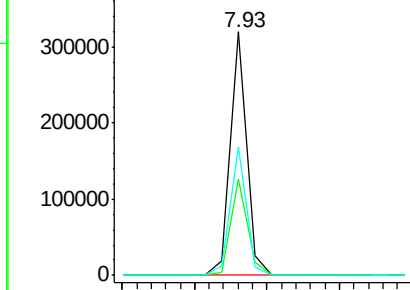
#23
 Nitrobenzene-d5
 Concen: 99.74 ng
 RT: 7.93 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BF079949.D
 Acq: 12 Jun 2015 22:04

Instrument :
 BNA_F
 ClientSampled :
 MW-41

Tgt Ion: 82 Resp: 250047
 Ion Ratio Lower Upper
 82 100
 128 39.7 40.3 60.5#
 54 52.7 38.0 57.0

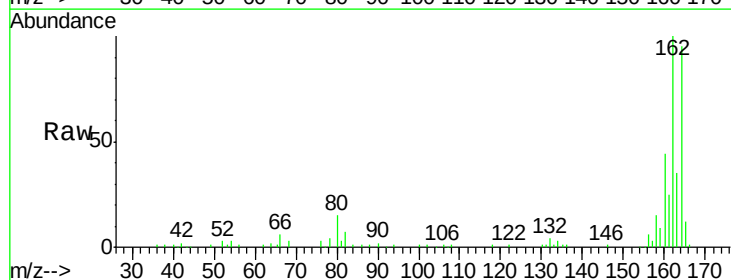


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

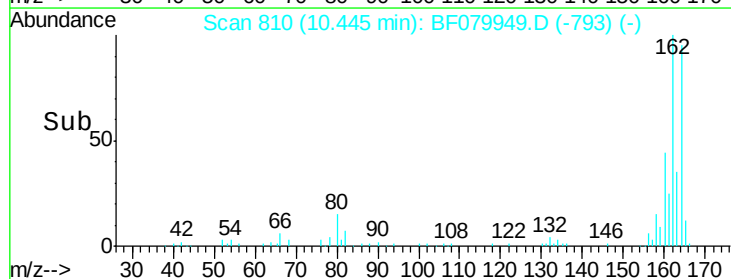
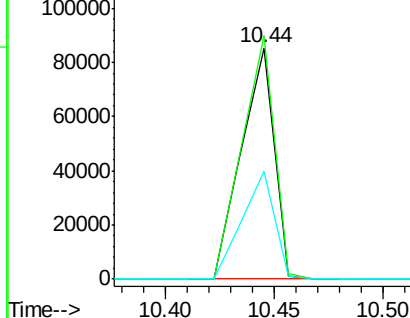


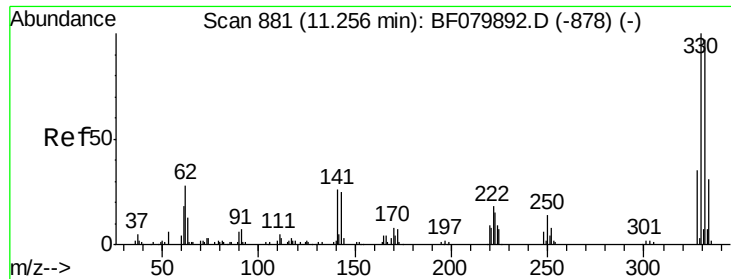
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.44 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF079949.D
 Acq: 12 Jun 2015 22:04

Tgt Ion: 164 Resp: 89102
 Ion Ratio Lower Upper
 164 100
 162 105.3 80.7 121.1
 160 46.6 34.6 51.8



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

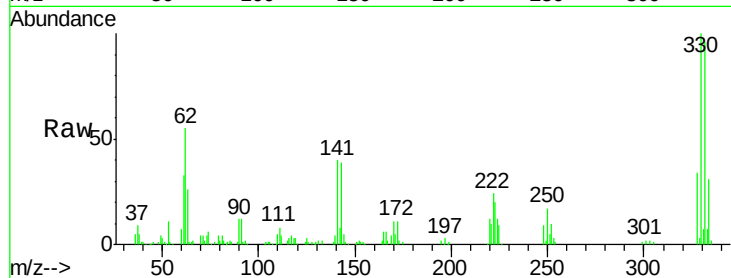




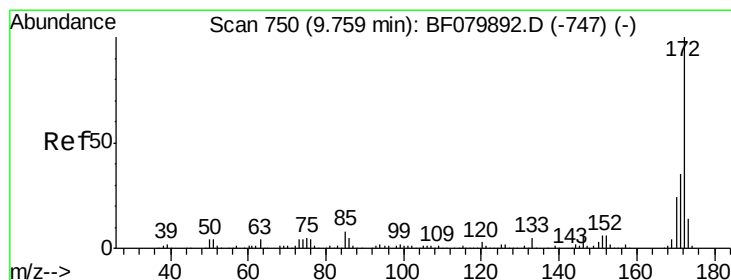
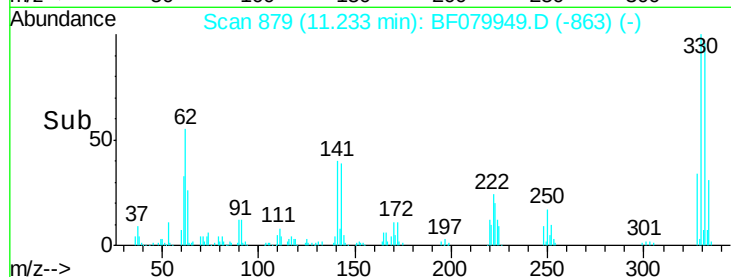
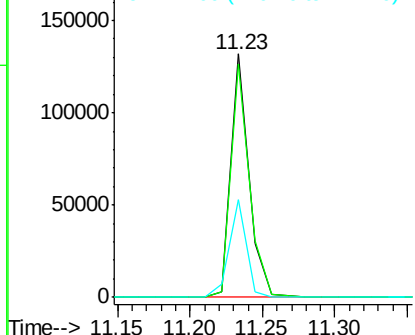
#41
 2,4,6-Tribromophenol
 Concen: 127.40 ng
 RT: 11.23 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF079949.D
 Acq: 12 Jun 2015 22:04

Instrument :
 BNA_F
 ClientSampleId :
 MW-41

Tgt Ion:330 Resp: 114282
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.3 115.9
 141 37.9 26.8 40.2

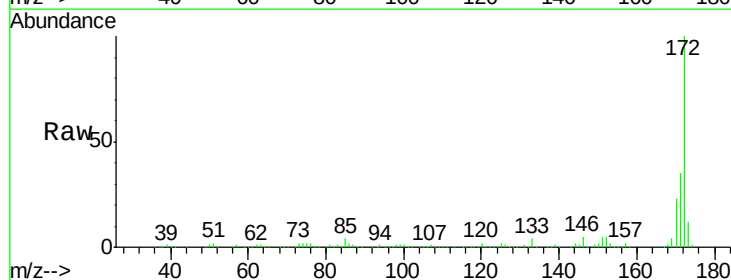


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

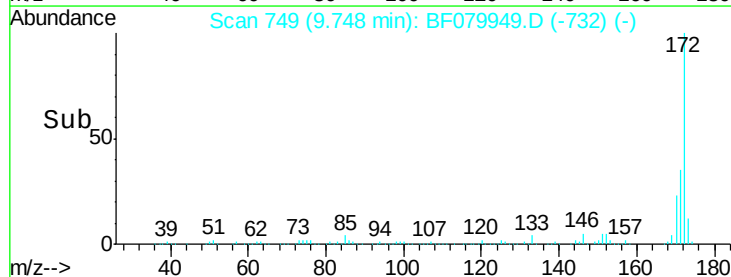
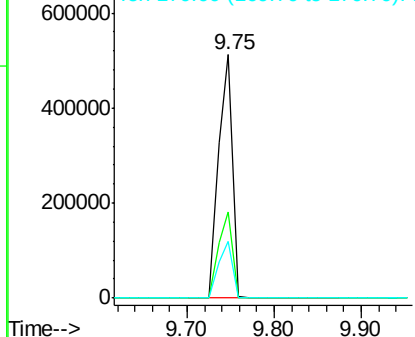


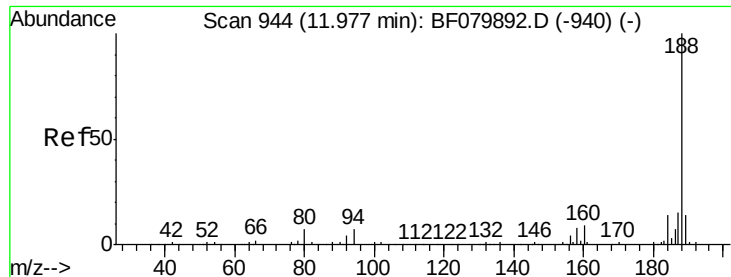
#44
 2-Fluorobiphenyl
 Concen: 91.56 ng
 RT: 9.75 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF079949.D
 Acq: 12 Jun 2015 22:04

Tgt Ion:172 Resp: 582599
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.3 42.5
 170 23.4 19.0 28.4



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

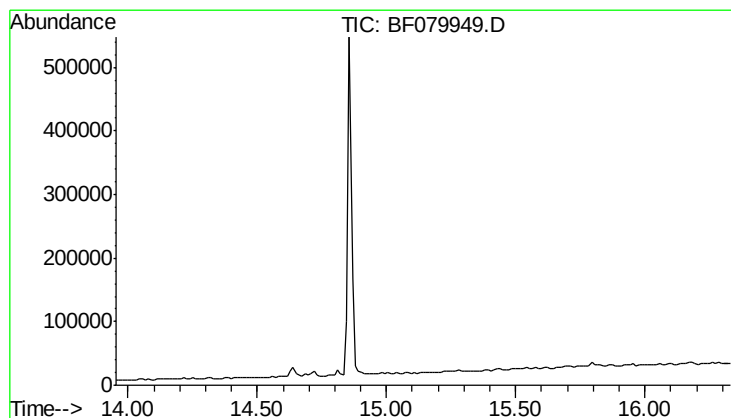
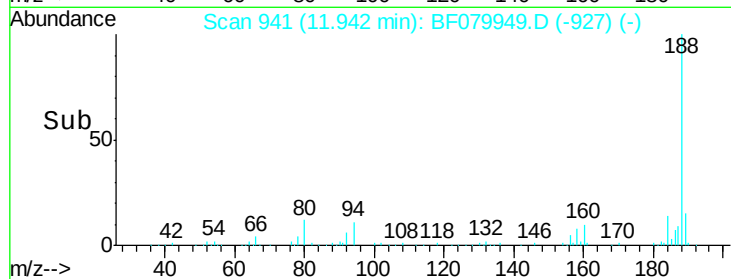
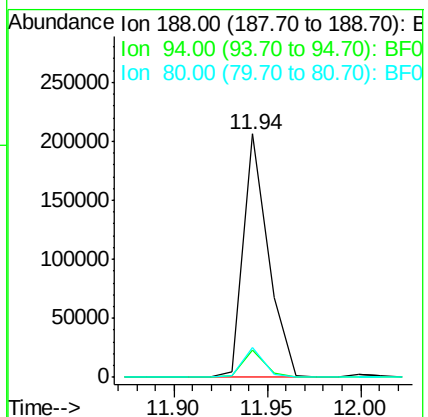
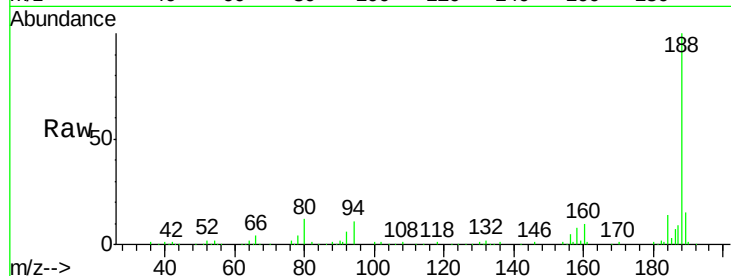




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.94 min Scan# 941
 Delta R.T. -0.03 min
 Lab File: BF079949.D
 Acq: 12 Jun 2015 22:04

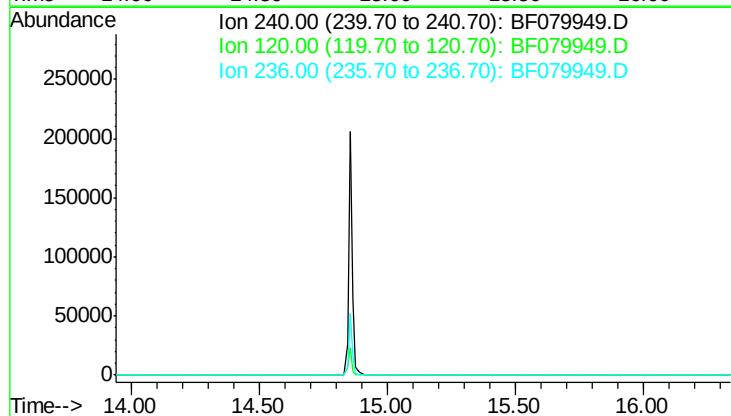
Instrument :
 BNA_F
 ClientSampleId :
 MW-41

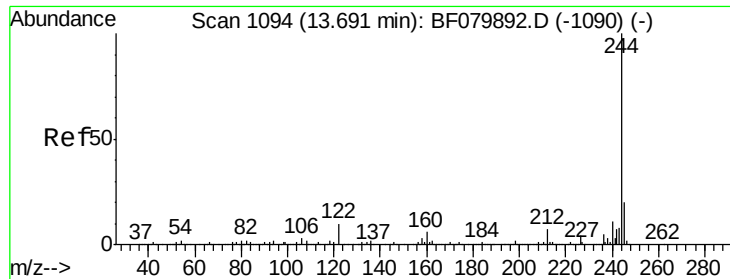
Tgt Ion: 188 Resp: 193000
 Ion Ratio Lower Upper
 188 100
 94 11.4 5.8 8.8#
 80 12.1 5.9 8.9#



#75
 Chrysene-d12
 Concen: 0.00 ng
 Expected RT: 15.14 min
 Lab File: BF079949.D
 Acq: 12 Jun 2015 22:04

Tgt Ion: 240
 Sig Exp Ratio
 240 100
 120 11.8
 236 24.5





#78

Terphenyl-d14

Concen: 0.00 ng

RT: 13.61 min Scan# 1087

Delta R.T. -0.16 min

Lab File: BF079949.D

Acq: 12 Jun 2015 22:04

Instrument :

BNA_F

ClientSampleId :

MW-41

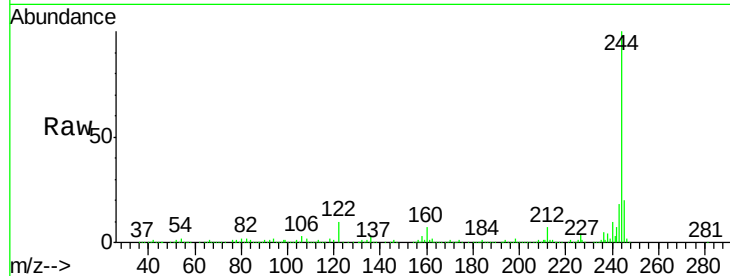
Tgt Ion: 244 Resp: 647023

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

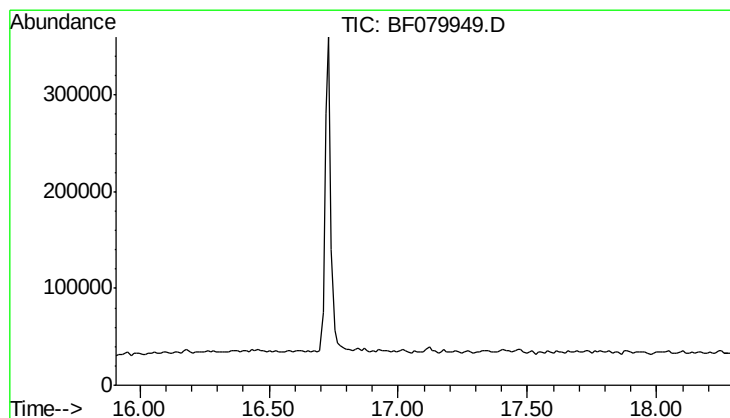
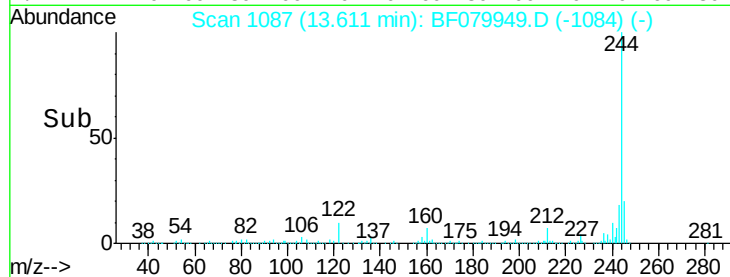
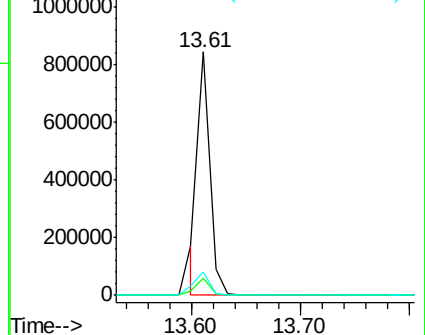
122 9.8 7.8 11.8



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: 0.00 ng

Expected RT: 17.10 min

Lab File: BF079949.D

Acq: 12 Jun 2015 22:04

Tgt Ion: 264

Sig Exp Ratio

264 100

260 24.1

265 21.3

