

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061015\
 Data File : BF079866.D
 Acq On : 10 Jun 2015 15:49
 Operator : TP/IZ
 Sample : G2536-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P5-19(FILTERED)

Quant Time: Jun 11 01:28:27 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

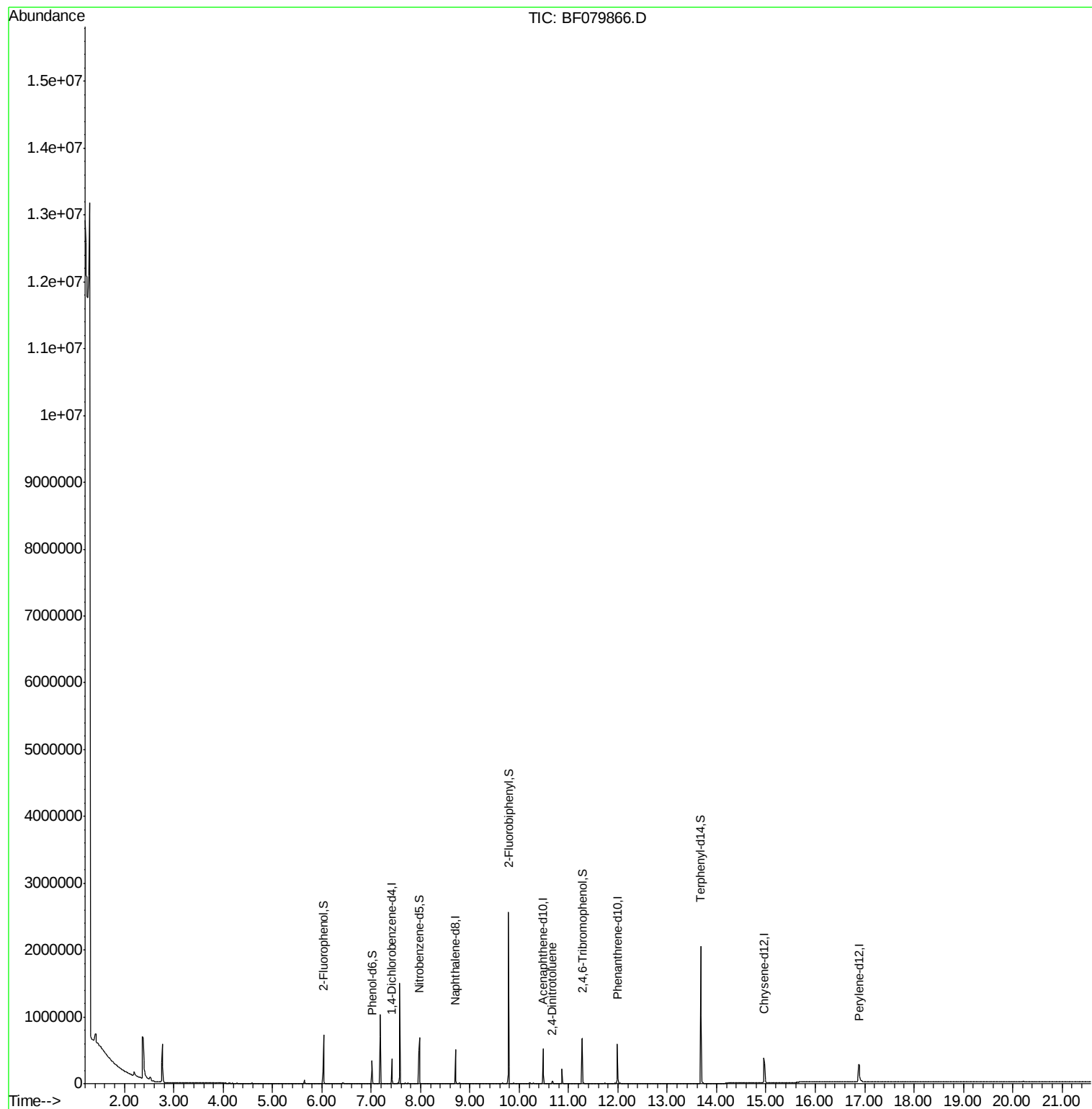
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	49615	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	199395	20.00	ng	0.00
38) Acenaphthene-d10	10.48	164	99955	20.00	ng	-0.01
63) Phenanthrene-d10	11.99	188	207489	20.00	ng	-0.01
75) Chrysene-d12	14.96	240	202892	20.00	ng	-0.11
86) Perylene-d12	16.89	264	183570	20.00	ng	-0.14
System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	183939	61.10	ng	0.00
7) Phenol-d6	7.02	99	139510	35.81	ng	0.00
23) Nitrobenzene-d5	7.98	82	273880	79.35	ng	0.00
41) 2,4,6-Tribromophenol	11.28	330	114724	132.62	ng	0.00
44) 2-Fluorobiphenyl	9.78	172	690832	97.21	ng	0.00
78) Terphenyl-d14	13.68	244	789772	87.75	ng	-0.06
Target Compounds						
56) 2,4-Dinitrotoluene	10.67	165	1164	7.17	ng	Qvalue # 32

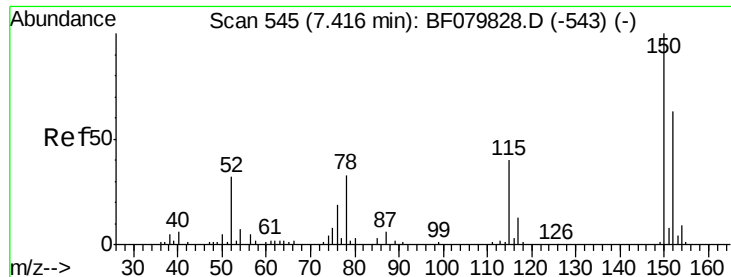
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 11 00:53:15 2015
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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: BF079866.D

Acq: 10 Jun 2015 15:49

Instrument :

BNA_F

ClientSampleId :

P5-19(FILTERED)

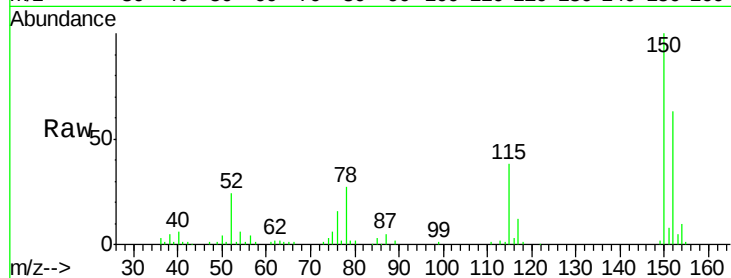
Tgt Ion:152 Resp: 49615

Ion Ratio Lower Upper

152 100

150 159.8 131.4 197.2

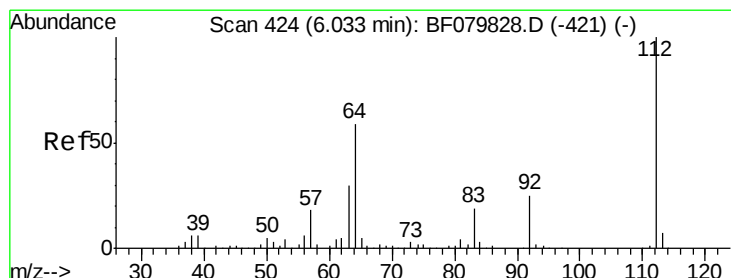
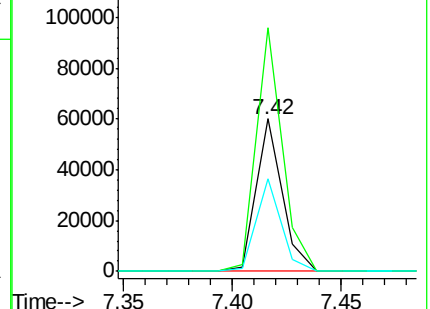
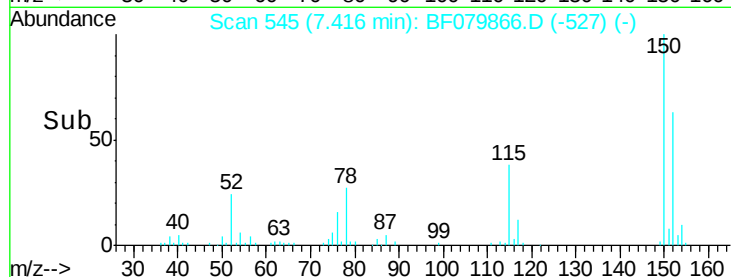
115 61.1 56.5 84.7



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: 61.10 ng

RT: 6.03 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF079866.D

Acq: 10 Jun 2015 15:49

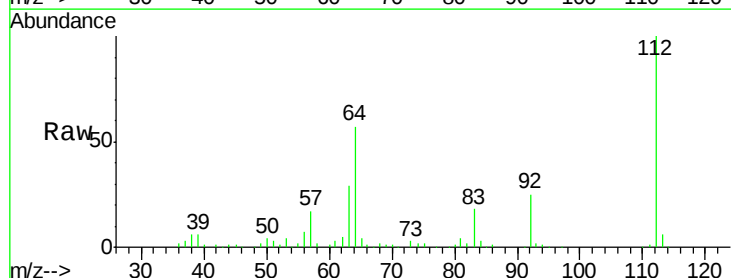
Tgt Ion:112 Resp: 183939

Ion Ratio Lower Upper

112 100

64 57.0 44.2 66.4

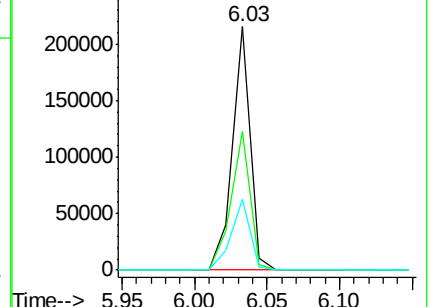
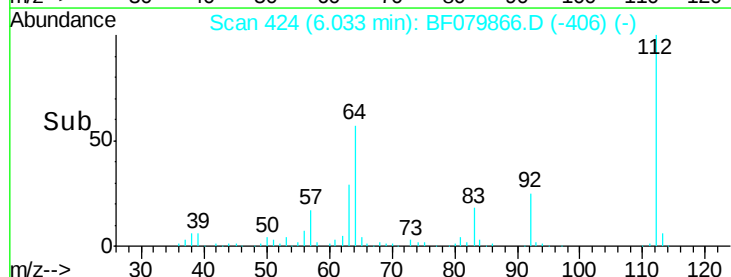
63 29.1 22.8 34.2

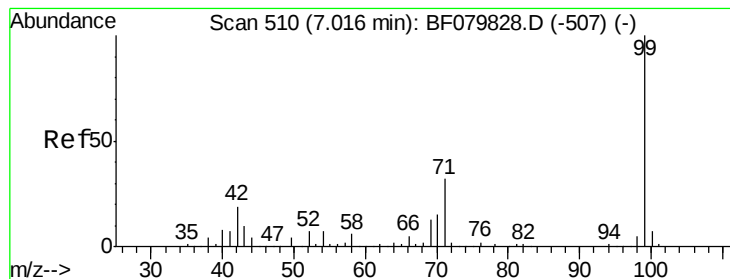


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.81 ng

RT: 7.02 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF079866.D

Acq: 10 Jun 2015 15:49

Instrument :

BNA_F

ClientSampleId :

P5-19(FILTERED)

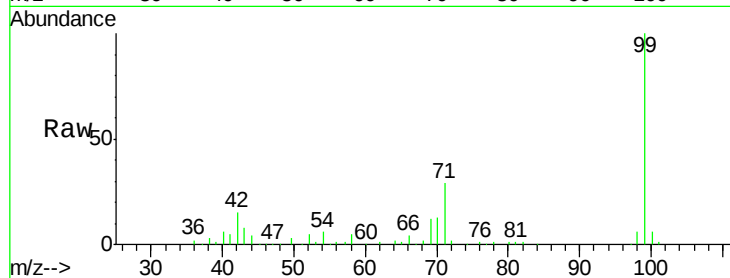
Tgt Ion: 99 Resp: 139510

Ion Ratio Lower Upper

99 100

42 15.2 13.7 20.5

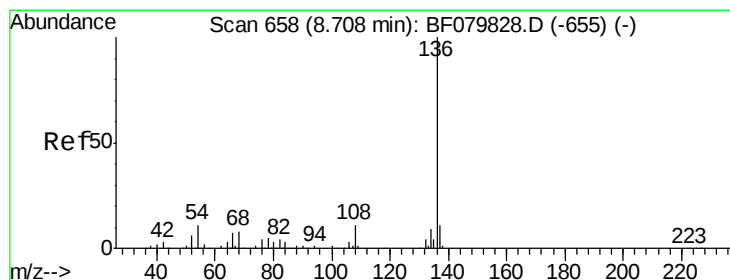
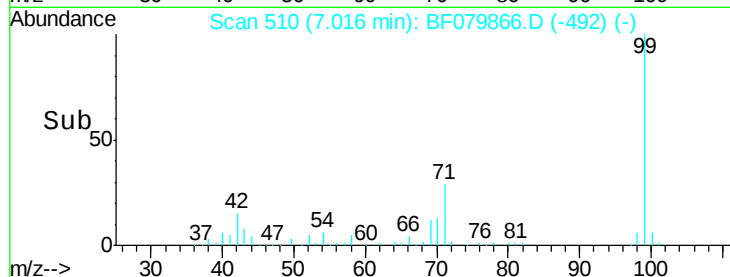
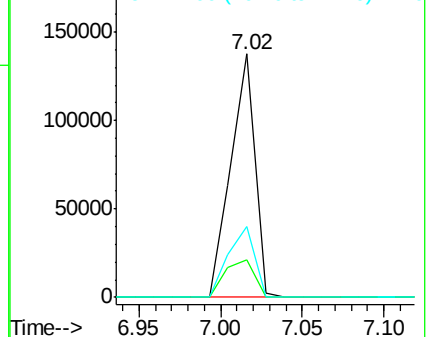
71 29.2 25.1 37.7



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: BF079866.D

Acq: 10 Jun 2015 15:49

Tgt Ion: 136 Resp: 199395

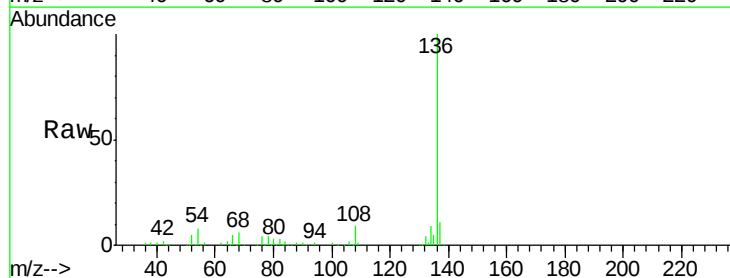
Ion Ratio Lower Upper

136 100

137 10.7 9.3 13.9

54 8.4 8.1 12.1

68 6.5 4.8 7.2

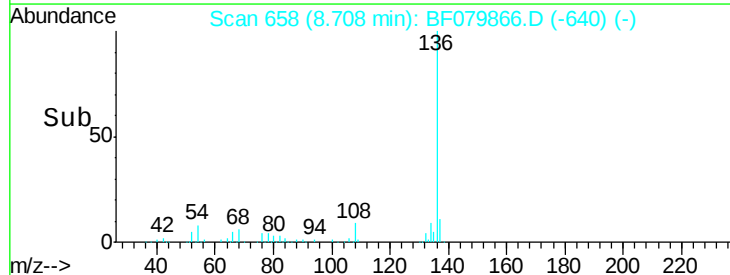
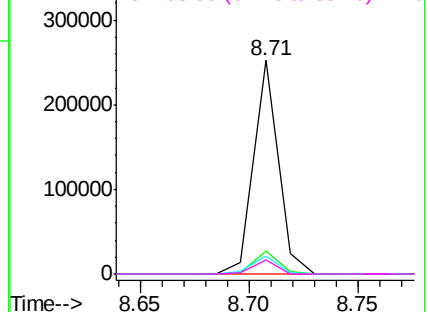


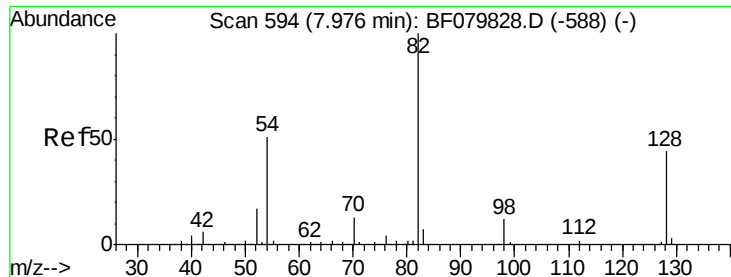
Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.35 ng

RT: 7.98 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF079866.D

Acq: 10 Jun 2015 15:49

Instrument :

BNA_F

ClientSampleId :

P5-19(FILTERED)

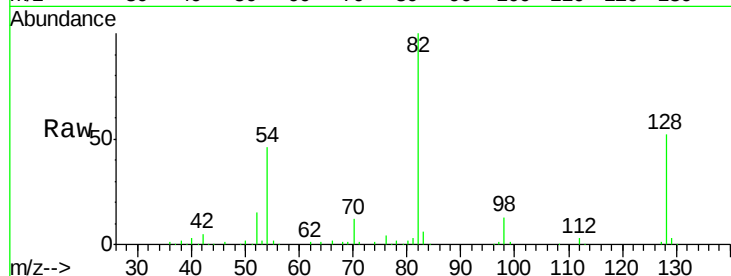
Tgt Ion: 82 Resp: 273880

Ion Ratio Lower Upper

82 100

128 52.1 35.2 52.8

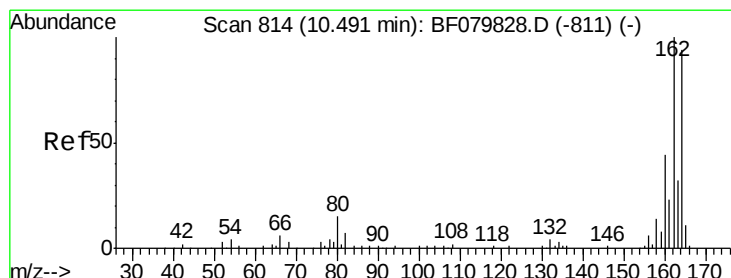
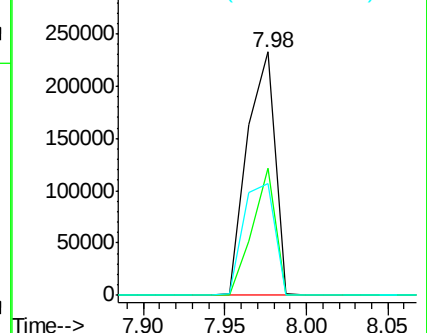
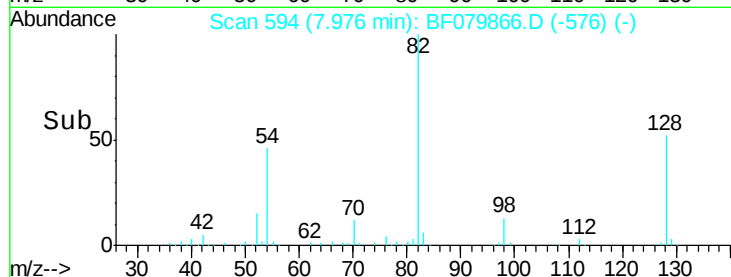
54 46.1 39.2 58.8



Abundance Ion 82.00 (81.70 to 82.70): BF079828.D (-588) (-)

Ion 128.00 (127.70 to 128.70): BF079828.D (-588) (-)

Ion 54.00 (53.70 to 54.70): BF079828.D (-588) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.48 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF079866.D

Acq: 10 Jun 2015 15:49

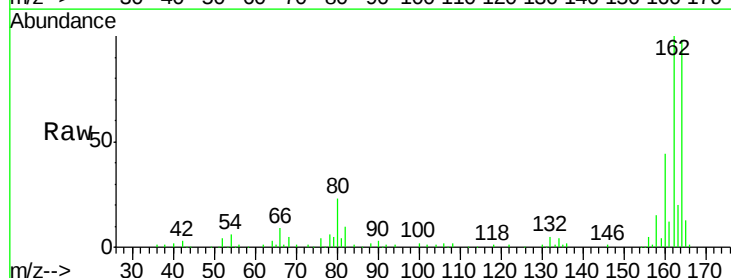
Tgt Ion: 164 Resp: 99955

Ion Ratio Lower Upper

164 100

162 102.0 89.8 134.8

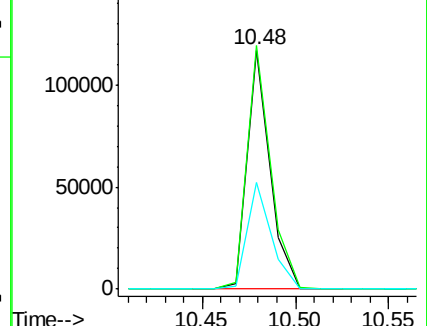
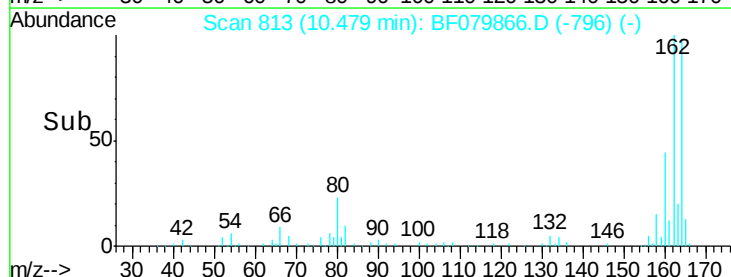
160 44.7 39.6 59.4

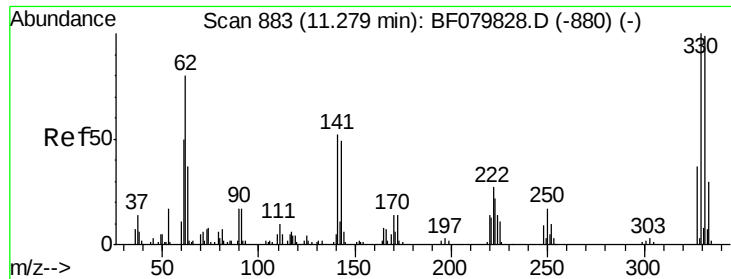


Abundance Ion 164.00 (163.70 to 164.70): BF079828.D (-811) (-)

Ion 162.00 (161.70 to 162.70): BF079828.D (-811) (-)

Ion 160.00 (159.70 to 160.70): BF079828.D (-811) (-)

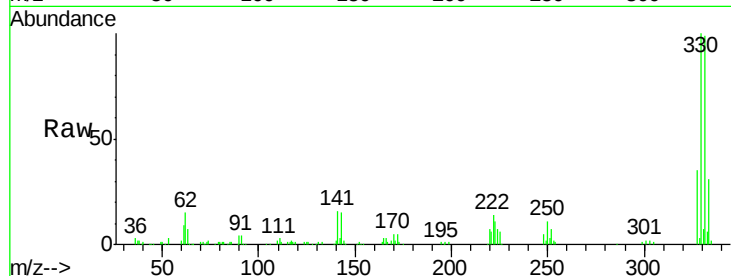




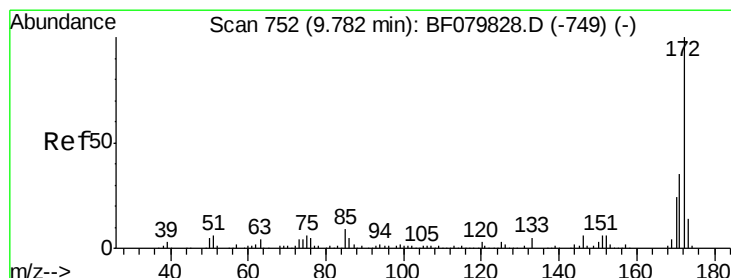
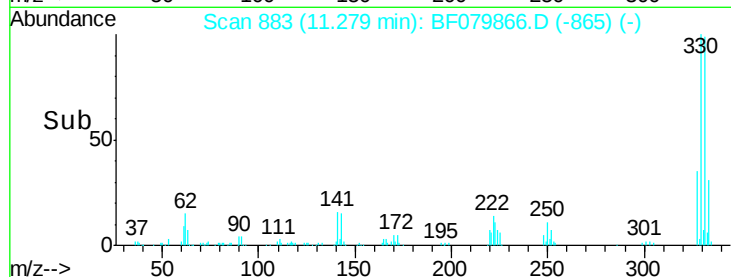
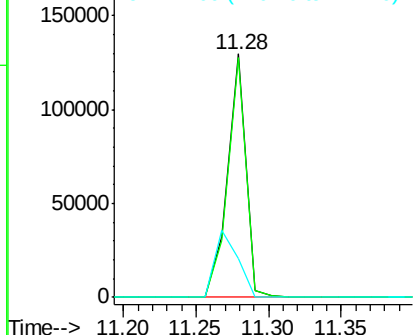
#41
 2,4,6-Tribromophenol
 Concen: 132.62 ng
 RT: 11.28 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF079866.D
 Acq: 10 Jun 2015 15:49

Instrument :
 BNA_F
 ClientSampleId :
 P5-19(FILTERED)

Tgt Ion:330 Resp: 114724
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.8 115.2
 141 34.4 29.1 43.7

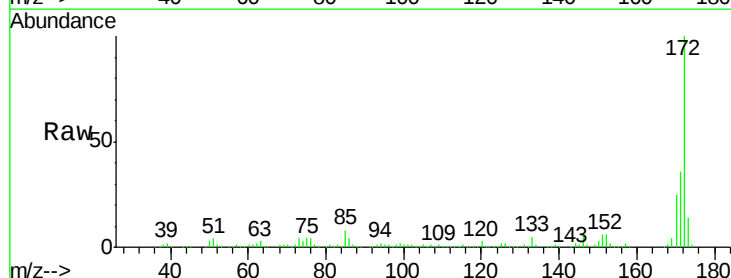


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

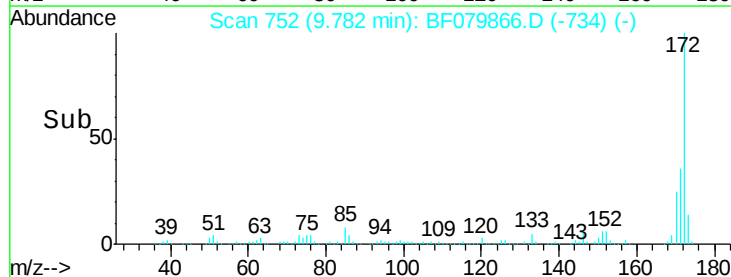
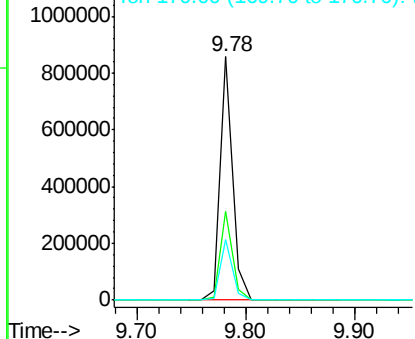


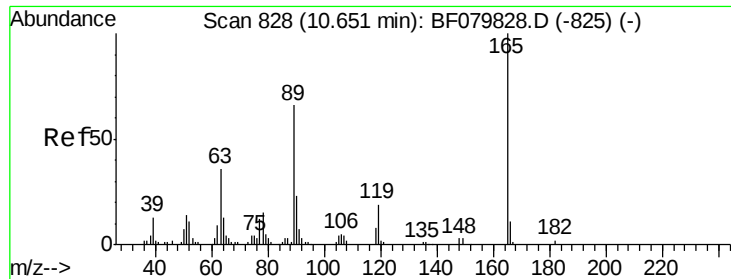
#44
 2-Fluorobiphenyl
 Concen: 97.21 ng
 RT: 9.78 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF079866.D
 Acq: 10 Jun 2015 15:49

Tgt Ion:172 Resp: 690832
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.5 42.7
 170 24.7 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

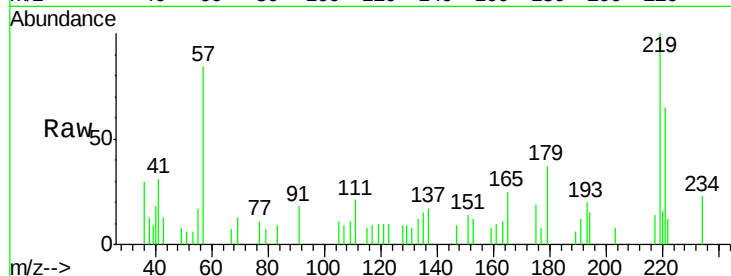




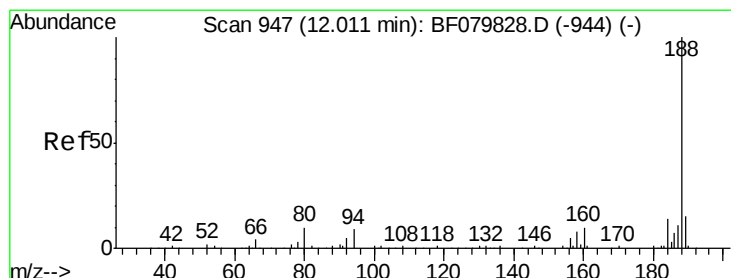
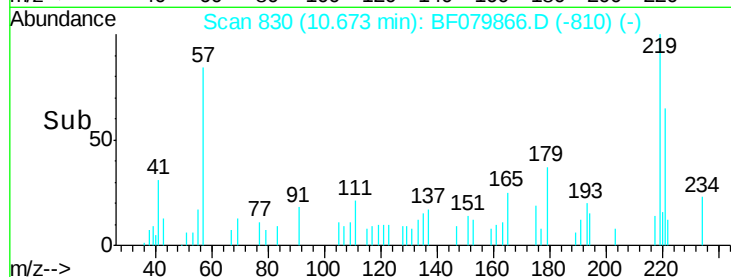
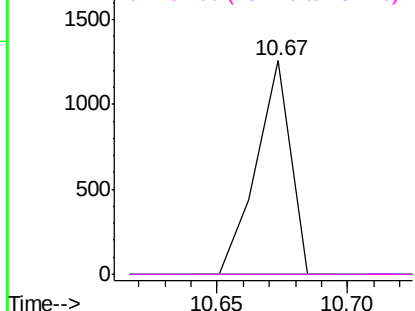
#56
 2,4-Dinitrotoluene
 Concen: 7.17 ng
 RT: 10.67 min Scan# 830
 Delta R.T. 0.02 min
 Lab File: BF079866.D
 Acq: 10 Jun 2015 15:49

Instrument :
 BNA_F
 ClientSampleId :
 P5-19(FILTERED)

Tgt Ion:165 Resp: 1164
 Ion Ratio Lower Upper
 165 100
 63 0.0 24.4 36.6#
 89 0.0 45.3 67.9#
 182 0.0 2.0 3.0#

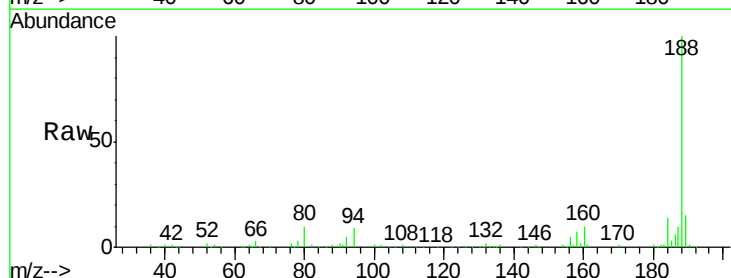


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

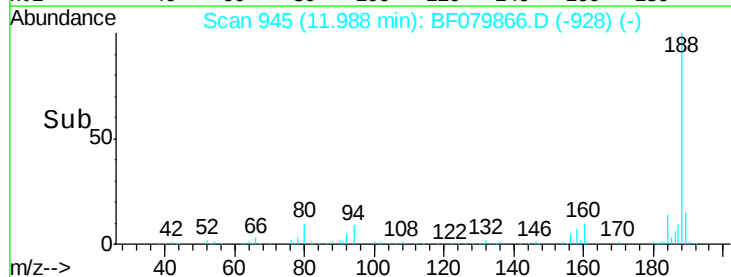
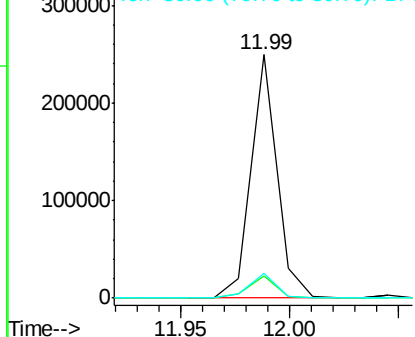


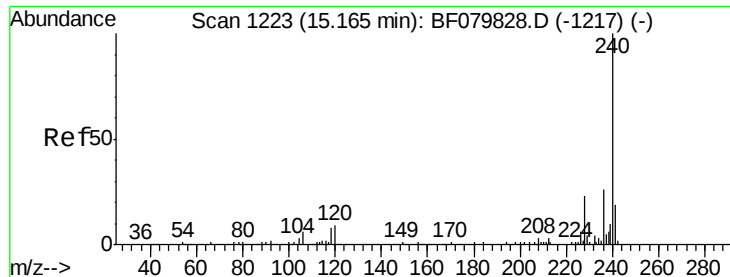
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.99 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF079866.D
 Acq: 10 Jun 2015 15:49

Tgt Ion:188 Resp: 207489
 Ion Ratio Lower Upper
 188 100
 94 8.9 7.4 11.0
 80 9.9 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: BF079866.D

Acq: 10 Jun 2015 15:49

Instrument :

BNA_F

ClientSampleId :

P5-19(FILTERED)

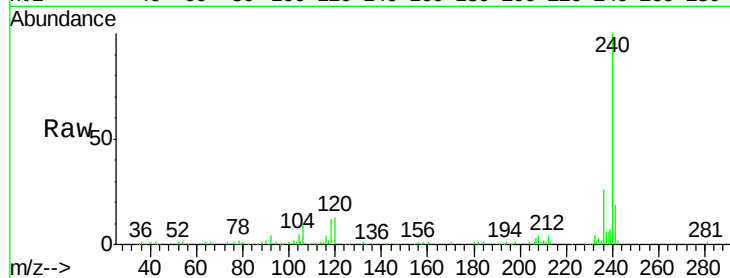
Tgt Ion:240 Resp: 202892

Ion Ratio Lower Upper

240 100

120 13.3 6.6 9.8#

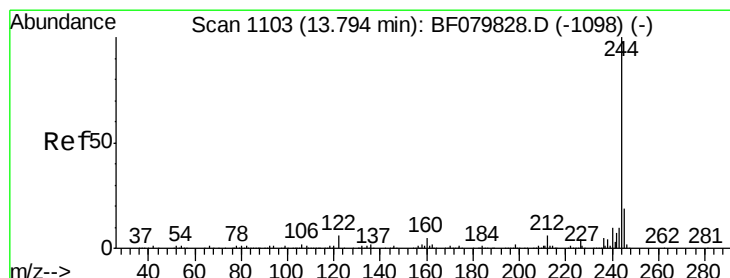
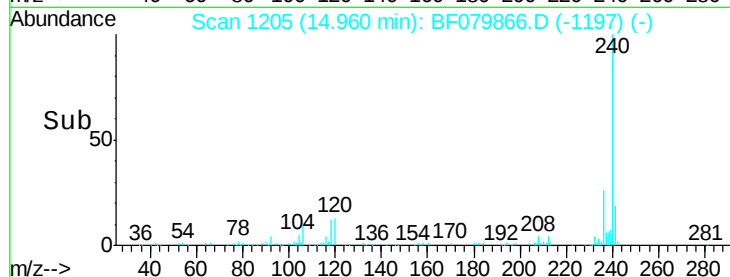
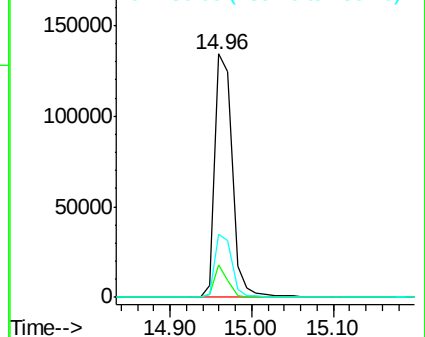
236 25.8 20.2 30.4



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: 87.75 ng

RT: 13.68 min Scan# 1093

Delta R.T. -0.06 min

Lab File: BF079866.D

Acq: 10 Jun 2015 15:49

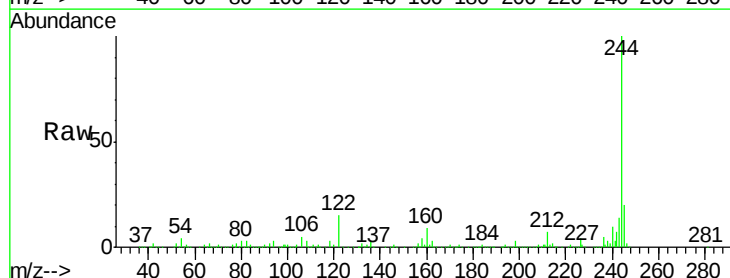
Tgt Ion:244 Resp: 789772

Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

122 14.5 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

