

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060415\
 Data File : BF079711.D
 Acq On : 4 Jun 2015 19:35
 Operator : TP/IZ
 Sample : G2450-28
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AVE-E-C12.2(3)

Quant Time: Jun 06 01:50:19 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 19:33:57 2015
 Response via : Initial Calibration

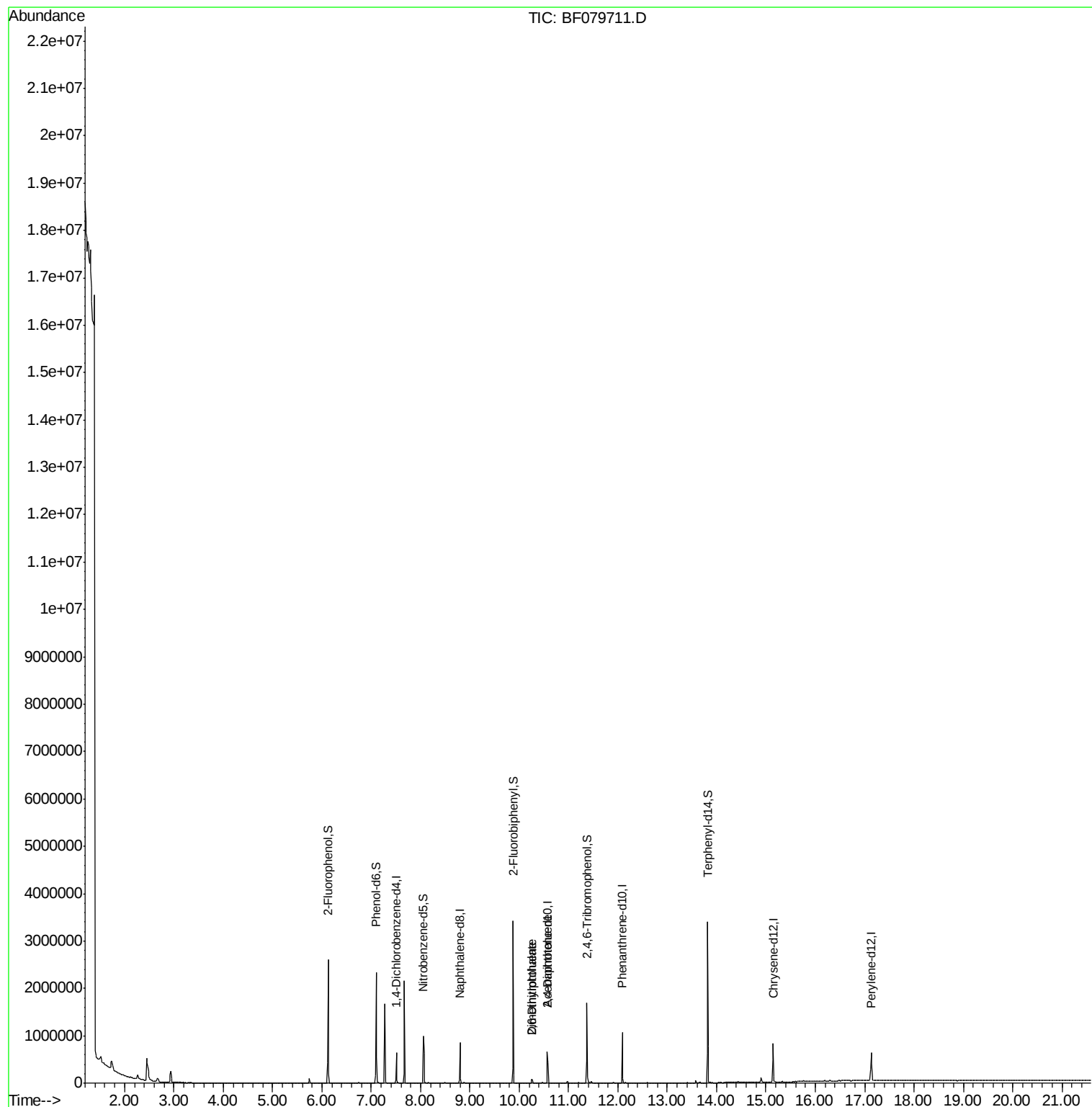
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	87511	20.00	ng	0.00
21) Naphthalene-d8	8.80	136	334053	20.00	ng	0.00
38) Acenaphthene-d10	10.57	164	161080	20.00	ng	-0.01
63) Phenanthrene-d10	12.09	188	366642	20.00	ng	-0.01
75) Chrysene-d12	15.14	240	380433	20.00	ng	-0.02
86) Perylene-d12	17.13	264	352115	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.12	112	619858	121.46	ng	0.00
7) Phenol-d6	7.10	99	749876	112.87	ng	0.00
23) Nitrobenzene-d5	8.06	82	385453	70.25	ng	-0.01
41) 2,4,6-Tribromophenol	11.37	330	200786	138.81	ng	0.00
44) 2-Fluorobiphenyl	9.87	172	928132	83.42	ng	0.00
78) Terphenyl-d14	13.82	244	1152307	71.36	ng	-0.01
Target Compounds						
49) Dimethylphthalate	10.26	163	45435	3.66	ng	# 99
50) 2,6-Dinitrotoluene	10.26	165	562	3.28	ng	# 34
56) 2,4-Dinitrotoluene	10.57	165	21140	8.04	ng	# 32

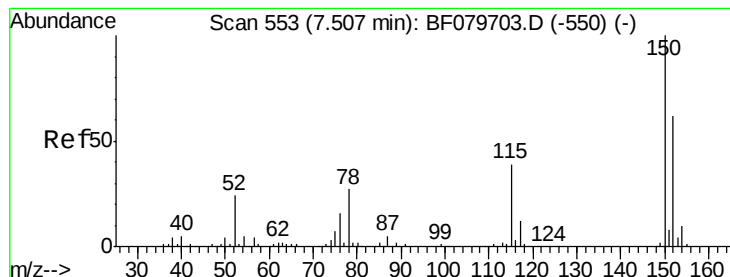
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.51 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF079711.D

Acq: 4 Jun 2015 19:35

Instrument :

BNA_F

ClientSampleId :

AVE-E-C12.2(3)

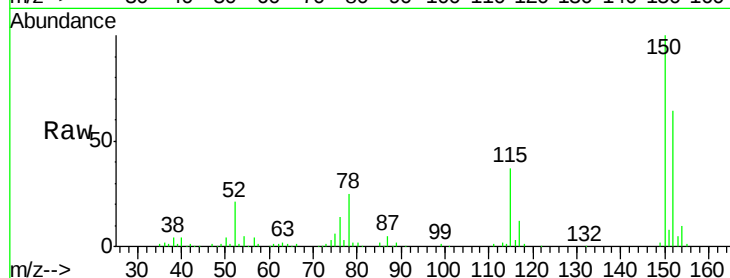
Tgt Ion:152 Resp: 87511

Ion Ratio Lower Upper

152 100

150 155.7 128.1 192.1

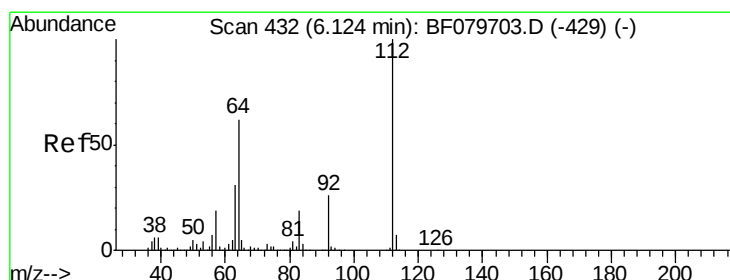
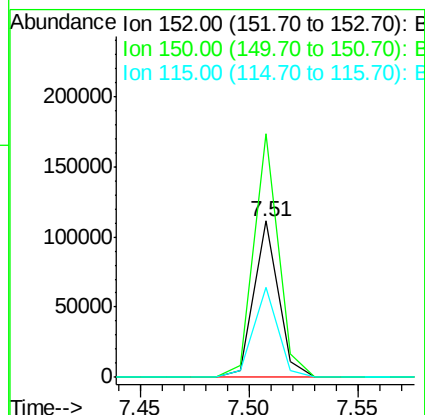
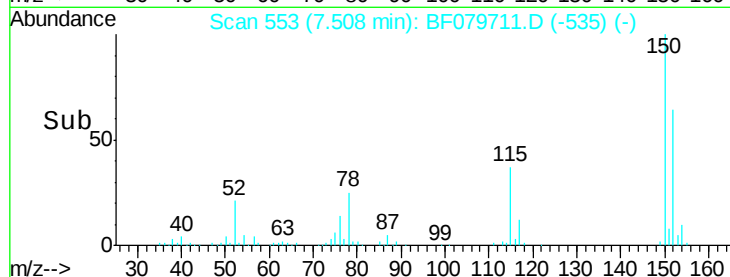
115 57.2 49.7 74.5



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: 121.46 ng

RT: 6.12 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF079711.D

Acq: 4 Jun 2015 19:35

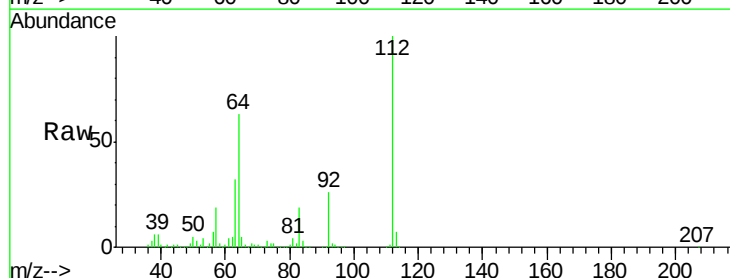
Tgt Ion:112 Resp: 619858

Ion Ratio Lower Upper

112 100

64 63.5 49.6 74.4

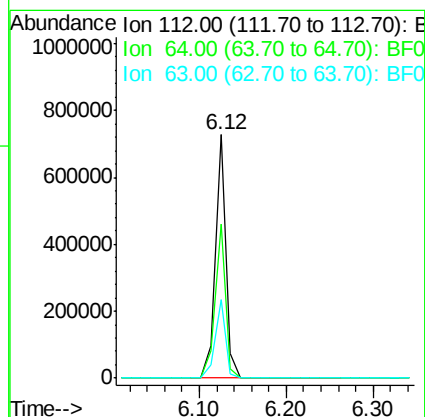
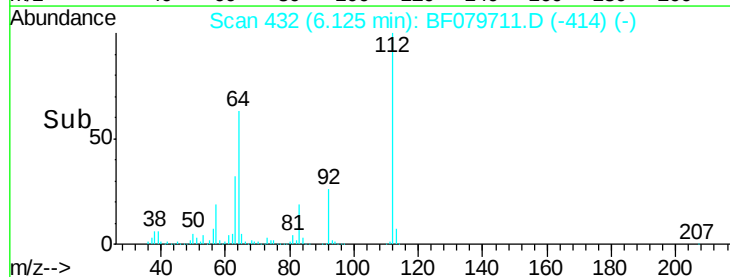
63 32.2 24.9 37.3

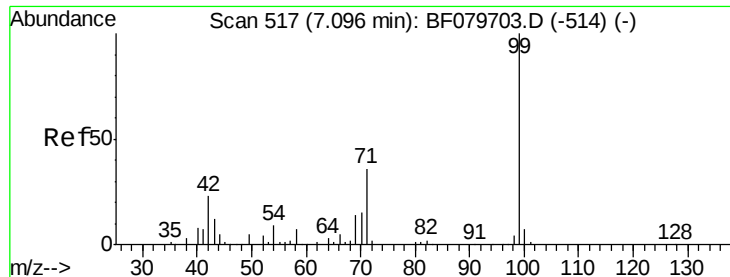


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.87 ng

RT: 7.10 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF079711.D

Acq: 4 Jun 2015 19:35

Instrument :

BNA_F

ClientSampleId :

AVE-E-C12.2(3)

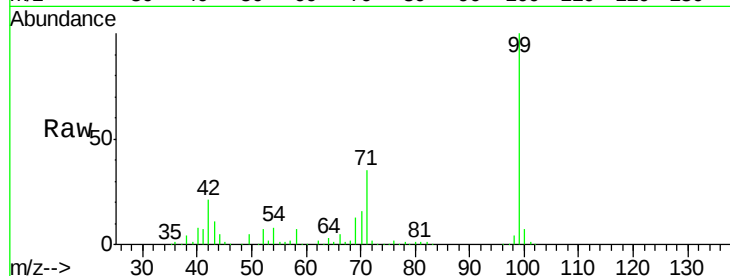
Tgt Ion: 99 Resp: 749876

Ion Ratio Lower Upper

99 100

42 21.0 18.0 27.0

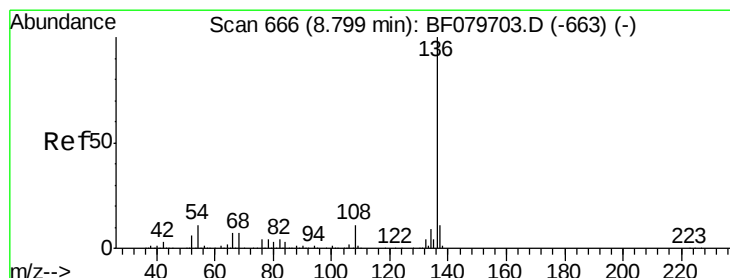
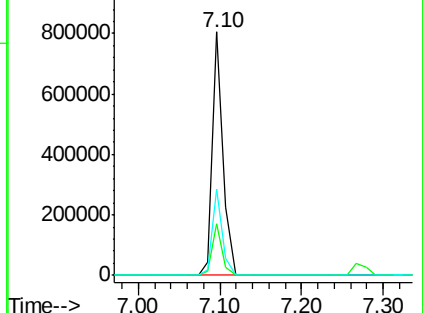
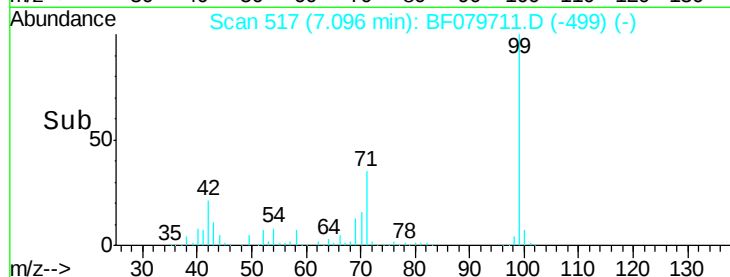
71 35.2 28.4 42.6



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: 8.80 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF079711.D

Acq: 4 Jun 2015 19:35

Tgt Ion: 136 Resp: 334053

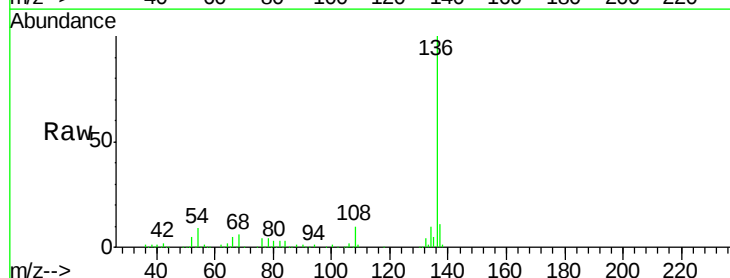
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 8.5 8.7 13.1#

68 5.9 5.8 8.8

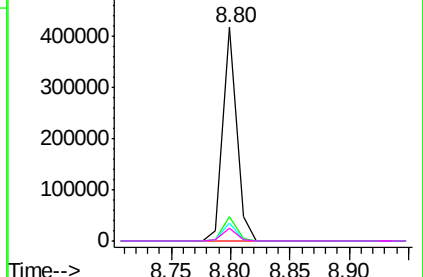
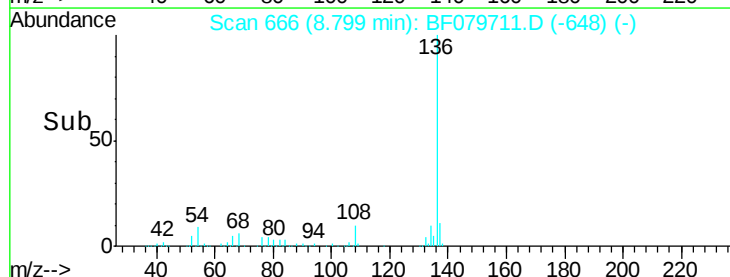


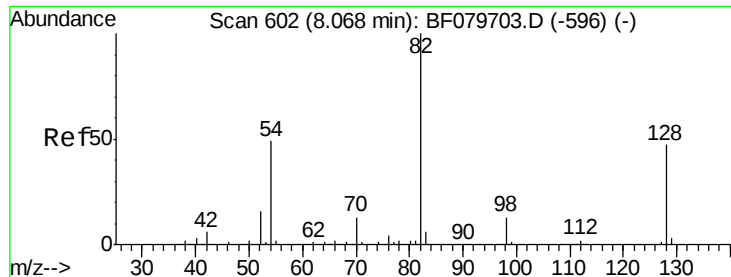
Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.25 ng

RT: 8.06 min Scan# 601

Delta R.T. -0.01 min

Lab File: BF079711.D

Acq: 4 Jun 2015 19:35

Instrument :

BNA_F

ClientSampleId :

AVE-E-C12.2(3)

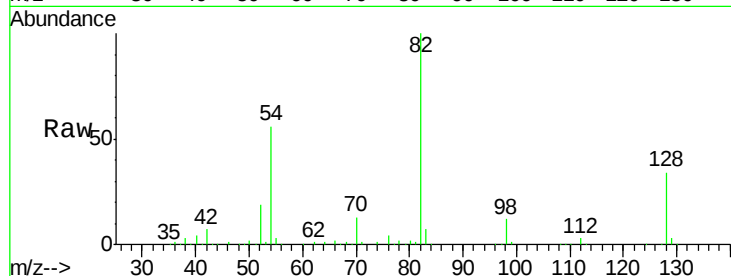
Tgt Ion: 82 Resp: 385453

Ion Ratio Lower Upper

82 100

128 33.7 37.6 56.4#

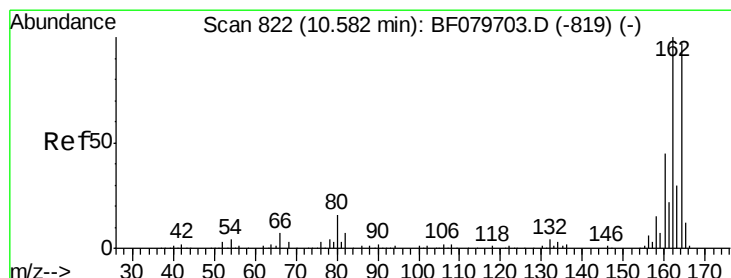
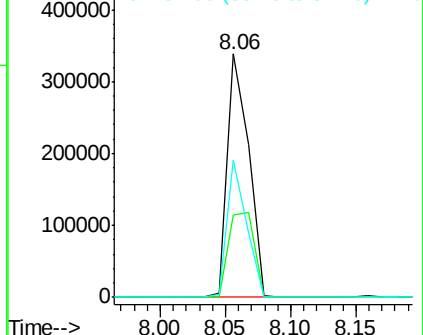
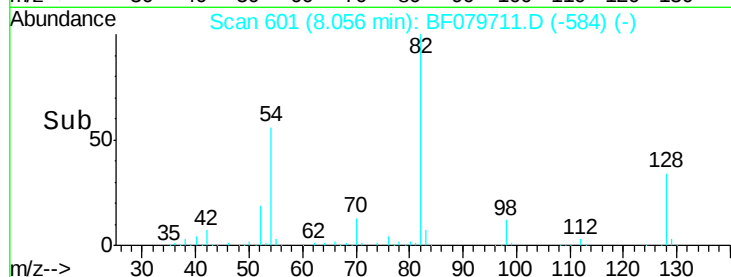
54 56.2 39.4 59.2



Abundance Ion 82.00 (81.70 to 82.70): BF079711.D (-584) (-)

Ion 128.00 (127.70 to 128.70): BF079711.D (-584) (-)

Ion 54.00 (53.70 to 54.70): BF079711.D (-584) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.57 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF079711.D

Acq: 4 Jun 2015 19:35

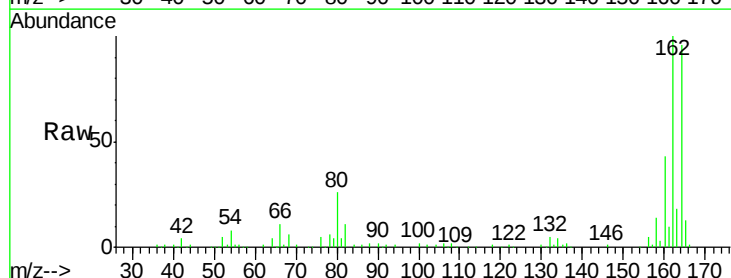
Tgt Ion: 164 Resp: 161080

Ion Ratio Lower Upper

164 100

162 103.9 82.6 123.8

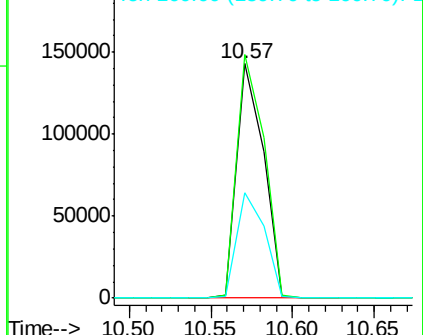
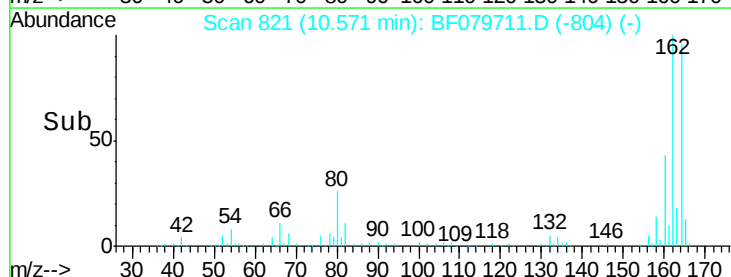
160 44.8 36.8 55.2

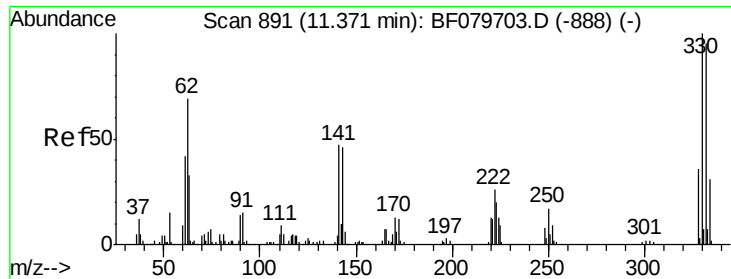


Abundance Ion 164.00 (163.70 to 164.70): BF079711.D (-804) (-)

Ion 162.00 (161.70 to 162.70): BF079711.D (-804) (-)

Ion 160.00 (159.70 to 160.70): BF079711.D (-804) (-)

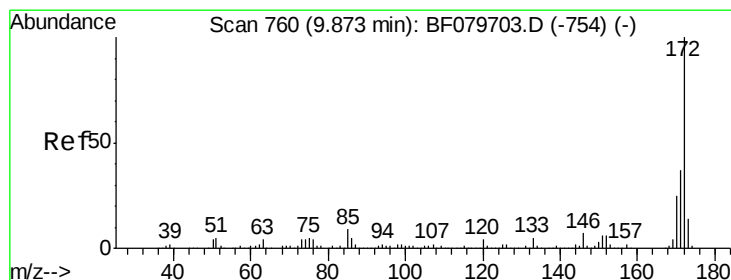
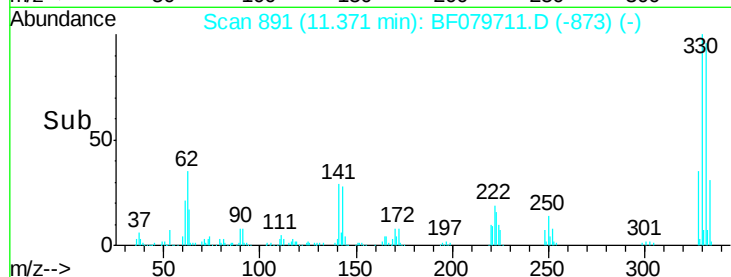
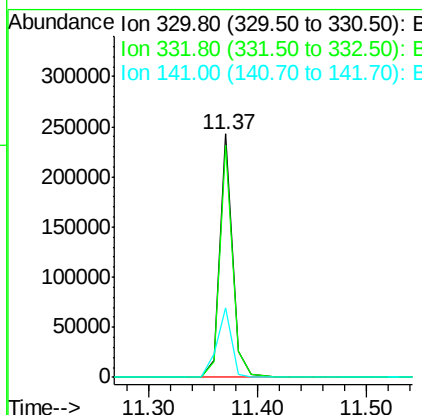
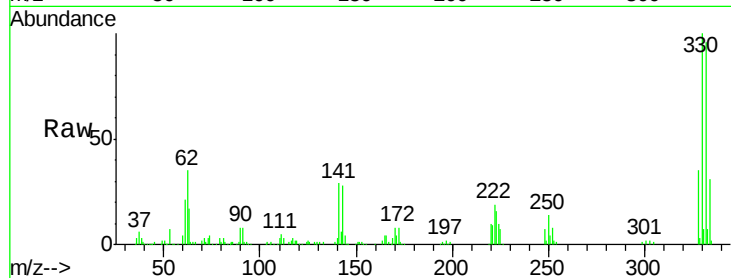




#41
 2,4,6-Tribromophenol
 Concen: 138.81 ng
 RT: 11.37 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF079711.D
 Acq: 4 Jun 2015 19:35

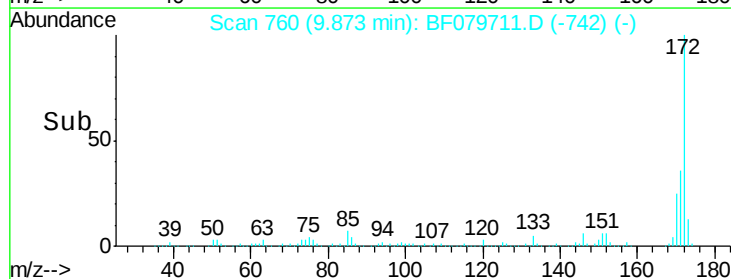
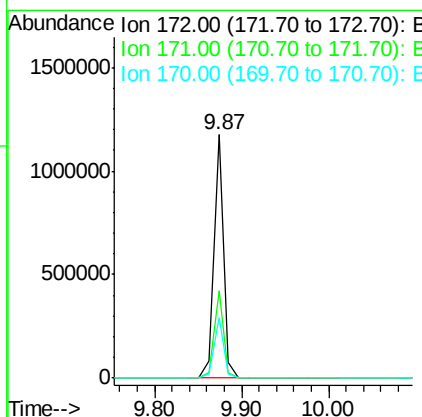
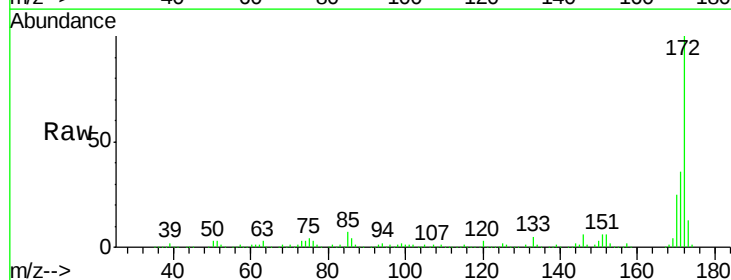
Instrument :
 BNA_F
 ClientSampleId :
 AVE-E-C12.2(3)

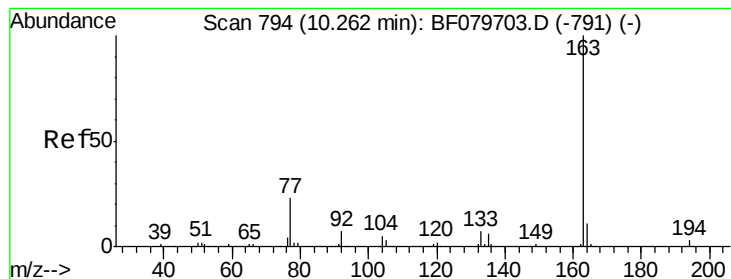
Tgt Ion:330 Resp: 200786
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.4 116.0
 141 33.3 30.2 45.2



#44
 2-Fluorobiphenyl
 Concen: 83.42 ng
 RT: 9.87 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: BF079711.D
 Acq: 4 Jun 2015 19:35

Tgt Ion:172 Resp: 928132
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.6 19.7 29.5





#49

Dimethylphthalate

Concen: 3.66 ng

RT: 10.26 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF079711.D

Acq: 4 Jun 2015 19:35

Instrument :

BNA_F

ClientSampleId :

AVE-E-C12.2(3)

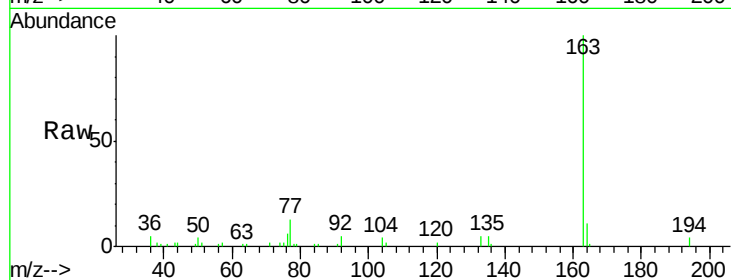
Tgt Ion:163 Resp: 45435

Ion Ratio Lower Upper

163 100

194 4.1 2.6 3.8#

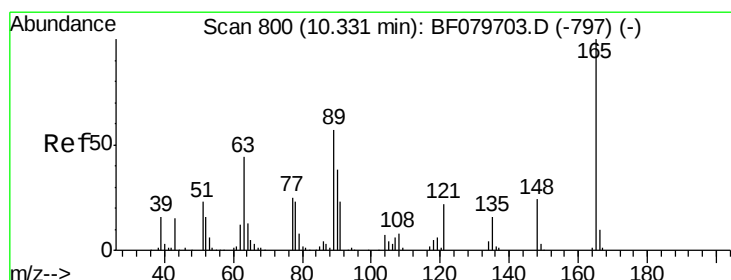
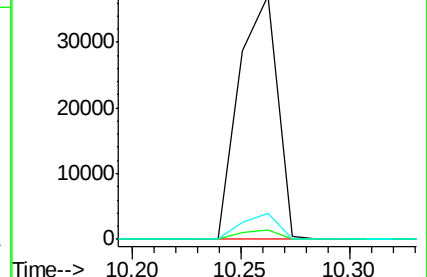
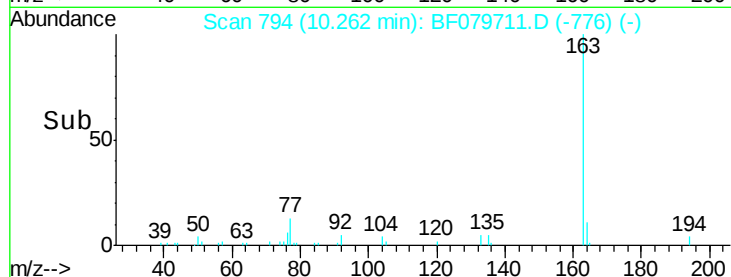
164 10.6 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 3.28 ng

RT: 10.26 min Scan# 794

Delta R.T. -0.07 min

Lab File: BF079711.D

Acq: 4 Jun 2015 19:35

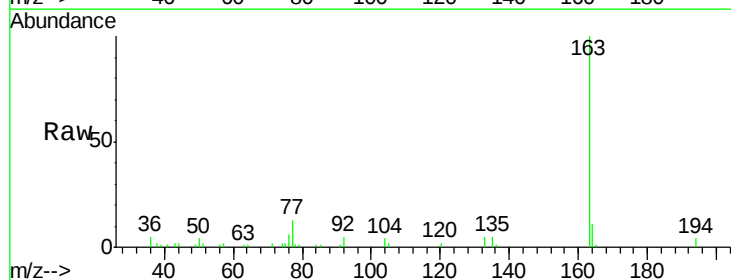
Tgt Ion:165 Resp: 562

Ion Ratio Lower Upper

165 100

63 96.8 45.2 67.8#

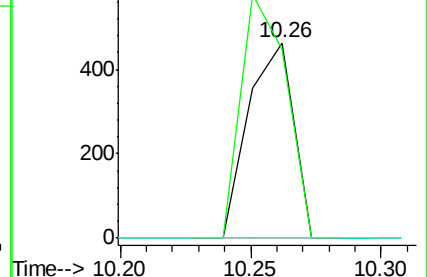
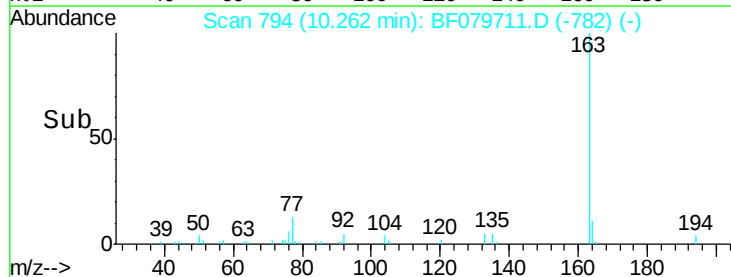
89 0.0 45.9 68.9#

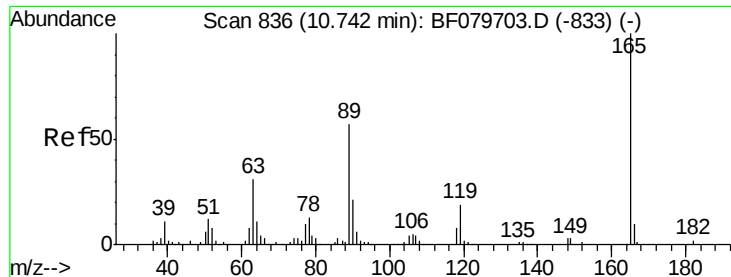


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

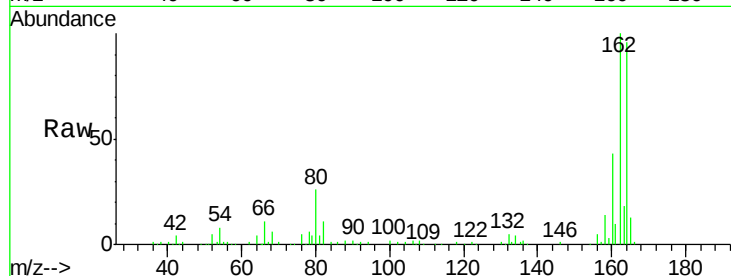




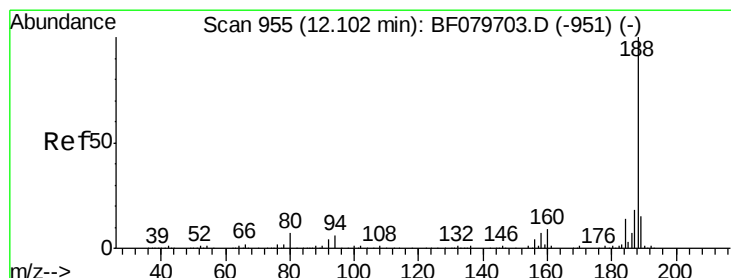
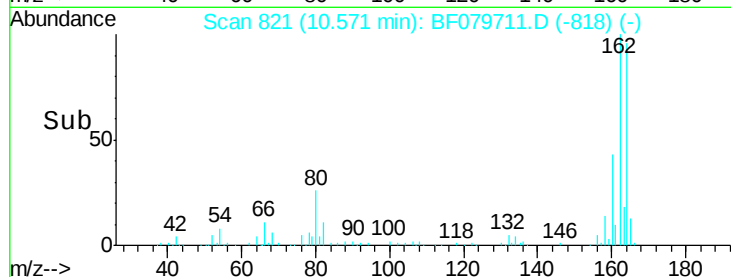
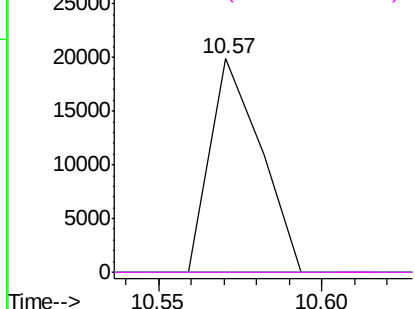
#56
 2,4-Dinitrotoluene
 Concen: 8.04 ng
 RT: 10.57 min Scan# 821
 Delta R.T. -0.17 min
 Lab File: BF079711.D
 Acq: 4 Jun 2015 19:35

Instrument :
 BNA_F
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Tgt Ion:165 Resp: 21140
 Ion Ratio Lower Upper
 165 100
 63 0.0 24.7 37.1#
 89 0.0 45.7 68.5#
 182 0.0 1.8 2.8#

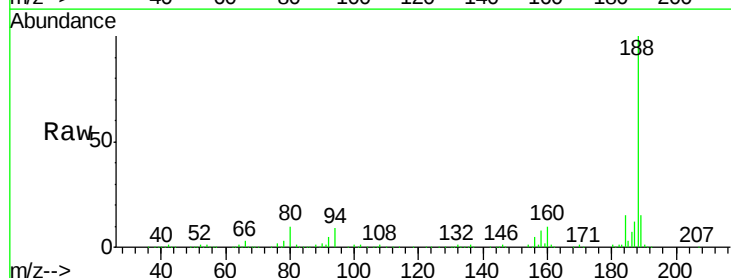


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

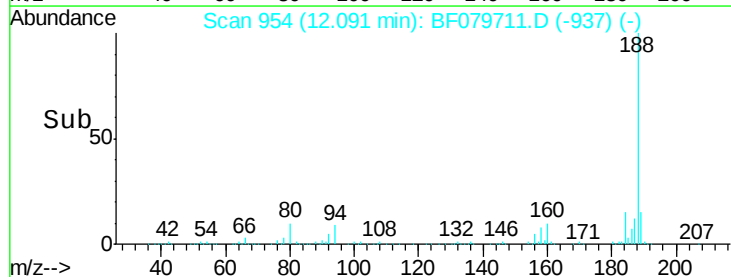
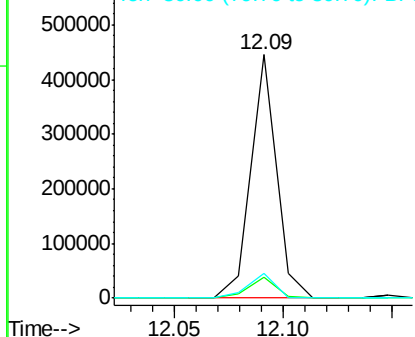


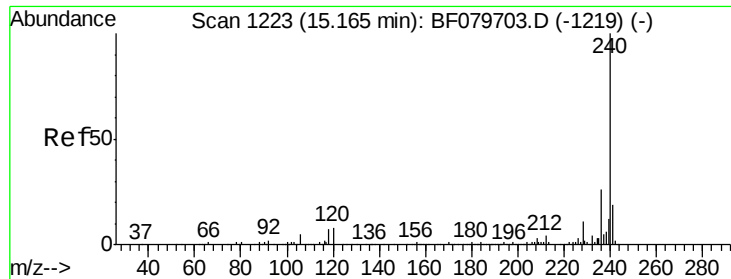
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.09 min Scan# 954
 Delta R.T. -0.01 min
 Lab File: BF079711.D
 Acq: 4 Jun 2015 19:35

Tgt Ion:188 Resp: 366642
 Ion Ratio Lower Upper
 188 100
 94 8.5 5.0 7.4#
 80 10.0 5.3 7.9#



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: 15.14 min Scan# 1221

Delta R.T. -0.02 min

Lab File: BF079711.D

Acq: 4 Jun 2015 19:35

Instrument :

BNA_F

ClientSampleId :

AVE-E-C12.2(3)

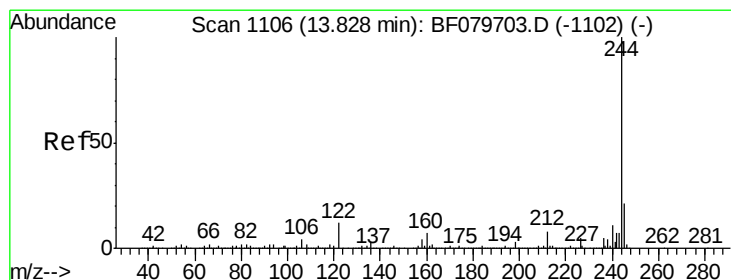
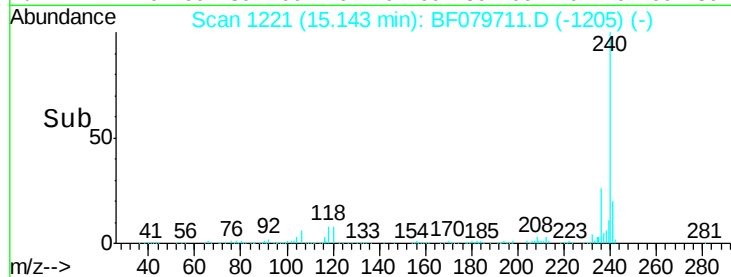
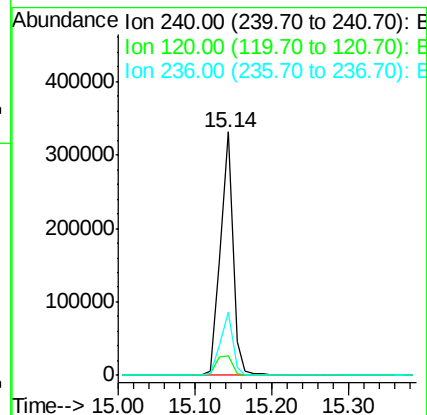
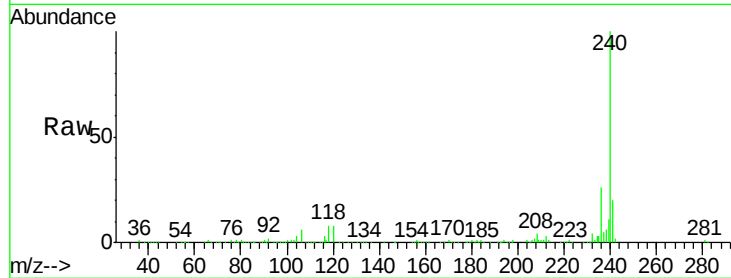
Tgt Ion:240 Resp: 380433

Ion Ratio Lower Upper

240 100

120 8.3 6.2 9.2

236 26.0 21.0 31.4



#78

Terphenyl-d14

Concen: 71.36 ng

RT: 13.82 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BF079711.D

Acq: 4 Jun 2015 19:35

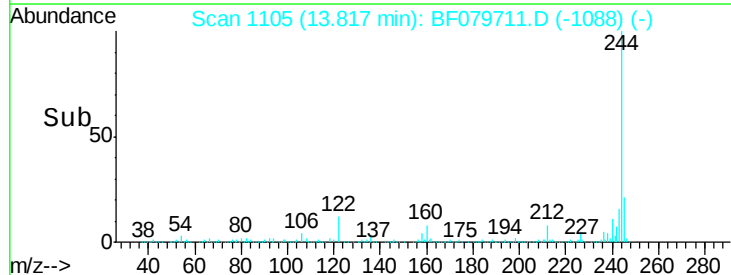
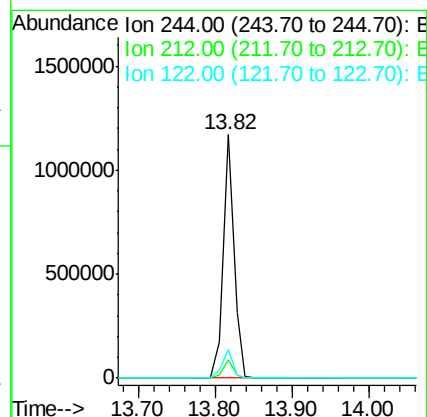
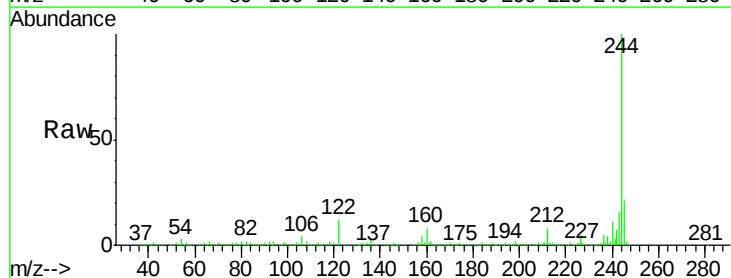
Tgt Ion:244 Resp: 1152307

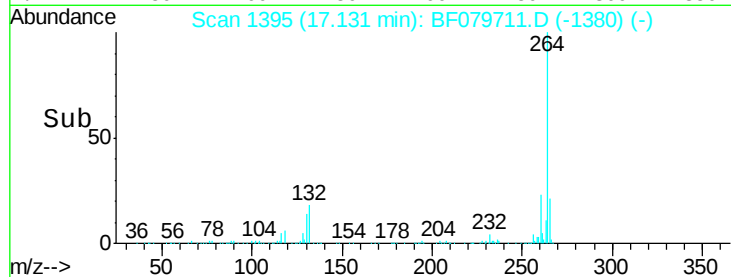
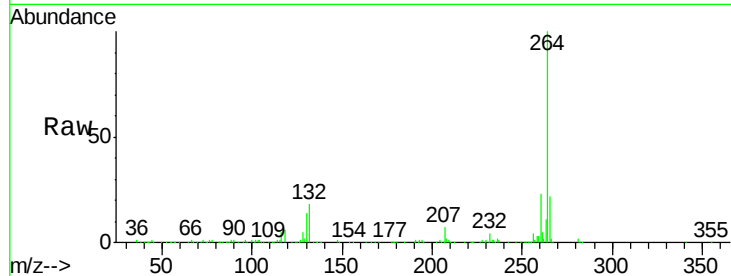
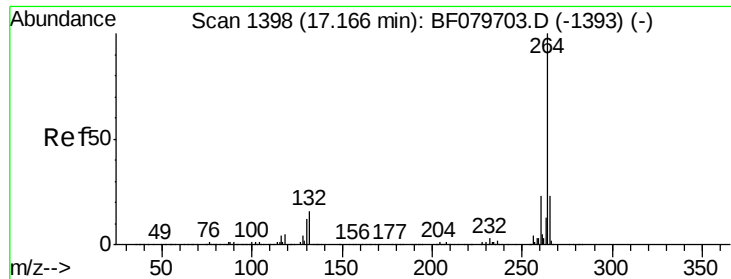
Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

122 12.0 9.3 13.9





#86

Perylene-d12

Concen: 20.00 ng

RT: 17.13 min Scan# 1395

Delta R.T. -0.03 min

Lab File: BF079711.D

Acq: 4 Jun 2015 19:35

Instrument :

BNA_F

ClientSampleId :

AVE-E-C12.2(3)

Tgt Ion: 264 Resp: 352115

Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 21.6 18.2 27.4

