

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
 Data File : BF079263.D
 Acq On : 15 May 2015 9:01
 Operator : TP/IZ
 Sample : G2232-01 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 15 13:43:08 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 01:57:52 2015
 Response via : Initial Calibration

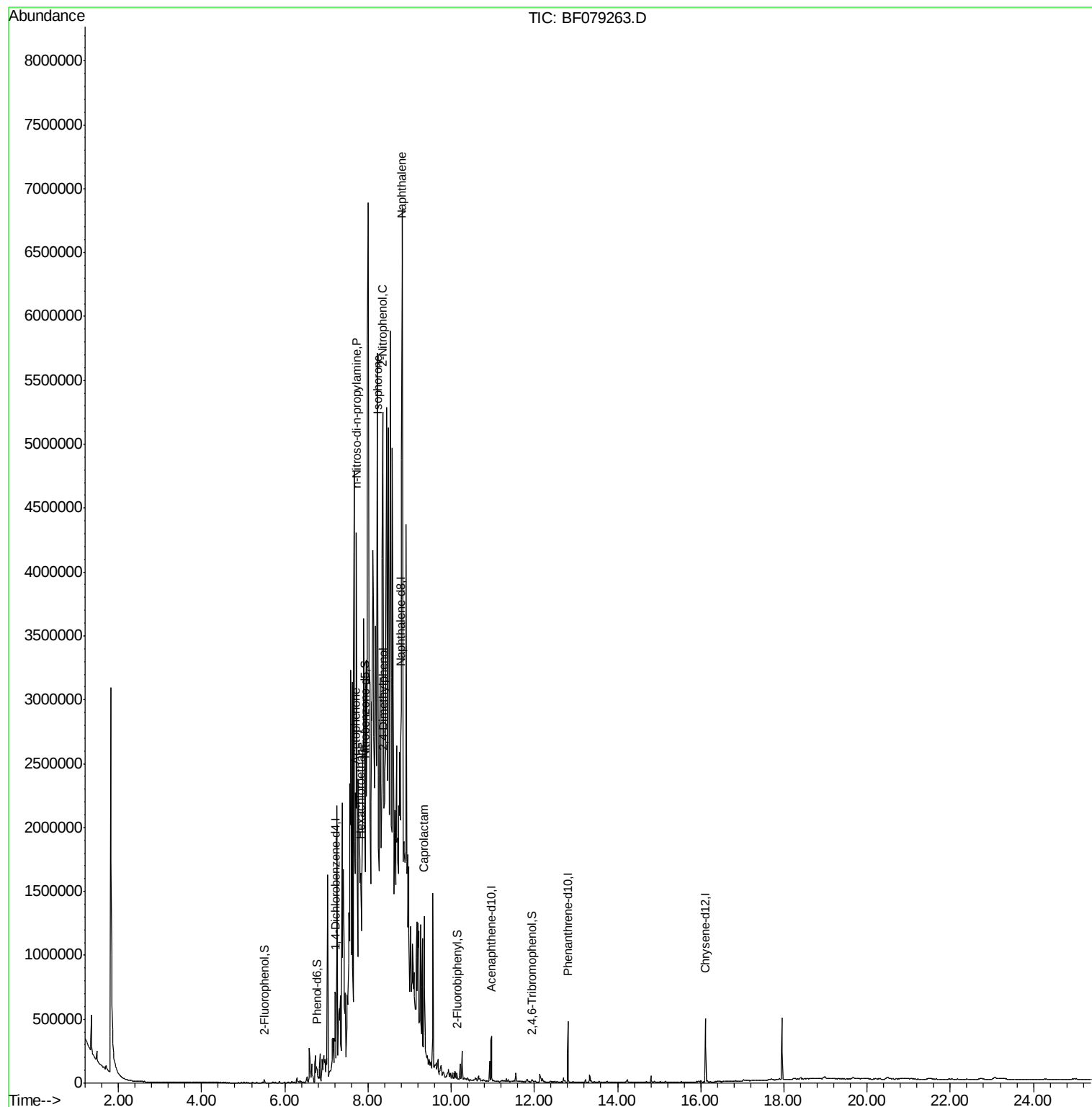
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.22	152	47808	20.00	ng	0.00
21) Naphthalene-d8	8.80	136	184671	20.00	ng	0.00
38) Acenaphthene-d10	10.97	164	100132	20.00	ng	0.00
63) Phenanthrene-d10	12.81	188	201901	20.00	ng	-0.01
75) Chrysene-d12	16.11	240	213079	20.00	ng	-0.39
86) Perylene-d12	0.00	264	0	0.00	ng	-18.88
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	8409	3.03	ng	0.00
7) Phenol-d6	6.78	99	11737	3.20	ng	-0.01
23) Nitrobenzene-d5	7.92	82	39831	12.40	ng	0.00
41) 2,4,6-Tribromophenol	11.94	330	2686	2.48	ng	-0.01
44) 2-Fluorobiphenyl	10.14	172	14651	2.04	ng	-0.01
78) Terphenyl-d14	0.00	244	0	0.00	ng	
Target Compounds						
18) Hexachloroethane	7.80	117	4321	3.44	ng	# 1
19) n-Nitroso-di-n-propylamine	7.72	70	68298	27.54	ng	# 51
22) Acetophenone	7.71	105	16196	3.88	ng	# 1
25) Isophorone	8.23	82	255777	42.94	ng	# 1
26) 2-Nitrophenol	8.35	139	22732	17.24	ng	# 1
27) 2,4-Dimethylphenol	8.38	122	19670	7.46	ng	# 1
31) Naphthalene	8.82	128	18491	2.10	ng	# 1
35) Caprolactam	9.35	113	18197	23.99	ng	# 1

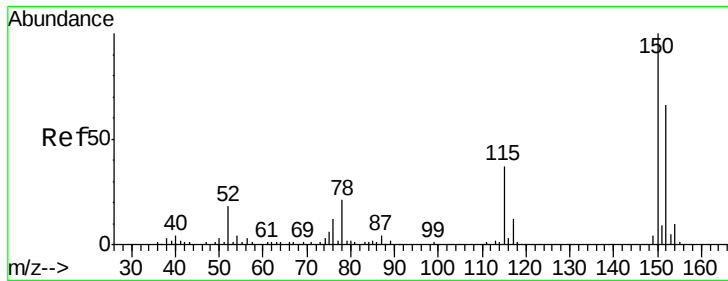
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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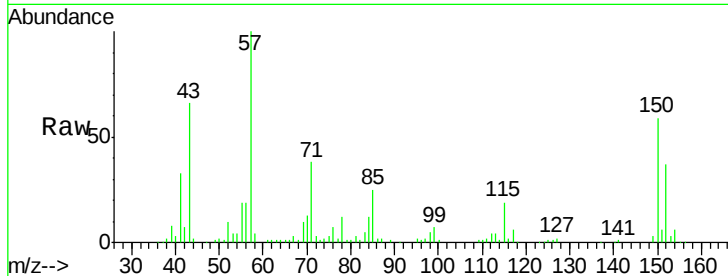




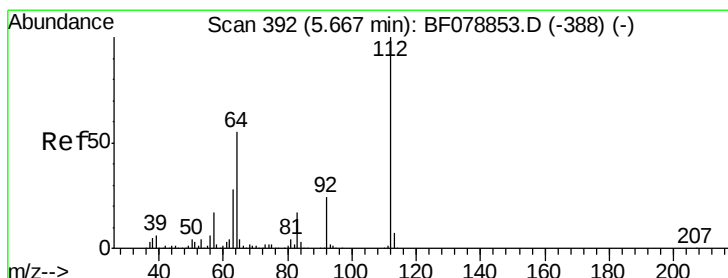
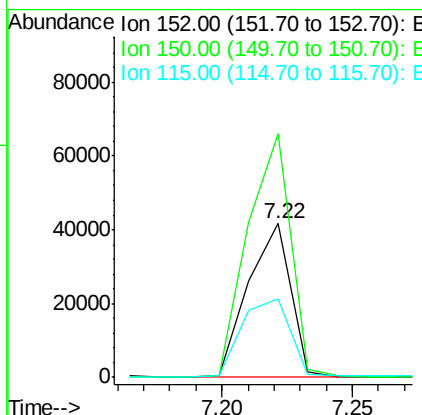
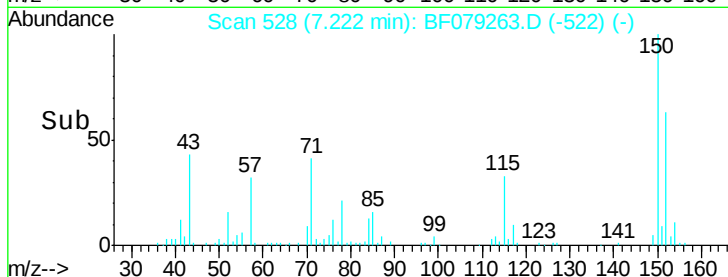
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.22 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: BF079263.D
 Acq: 15 May 2015 9:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 47808
 Ion Ratio Lower Upper
 152 100
 150 158.6 123.8 185.8
 115 51.5 49.4 74.0

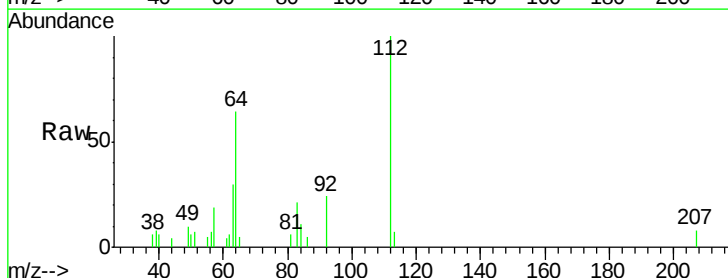


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

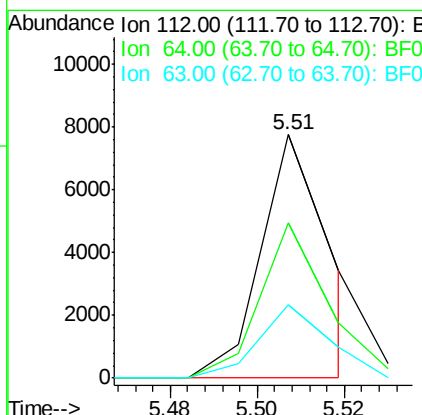
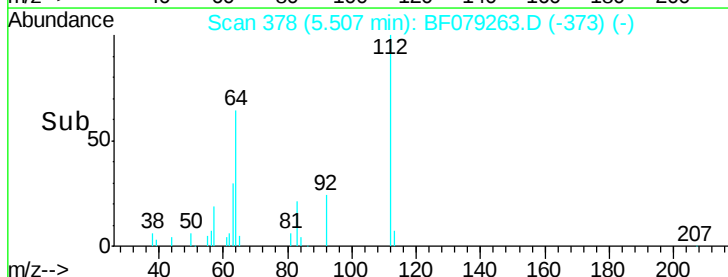


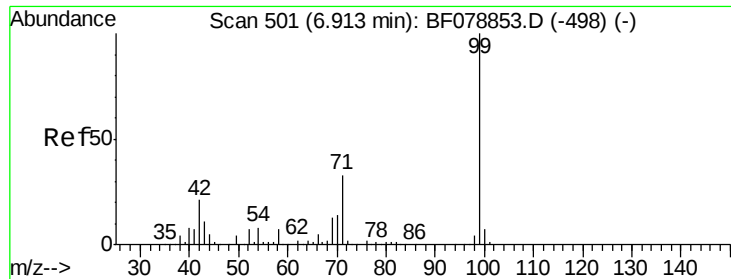
#5
 2-Fluorophenol
 Concen: 3.03 ng
 RT: 5.51 min Scan# 378
 Delta R.T. -0.00 min
 Lab File: BF079263.D
 Acq: 15 May 2015 9:01

Tgt Ion:112 Resp: 8409
 Ion Ratio Lower Upper
 112 100
 64 63.6 44.2 66.2
 63 30.4 22.7 34.1



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: 3.20 ng

RT: 6.78 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF079263.D

Acq: 15 May 2015 9:01

Instrument :

BNA_F

ClientSampleId :

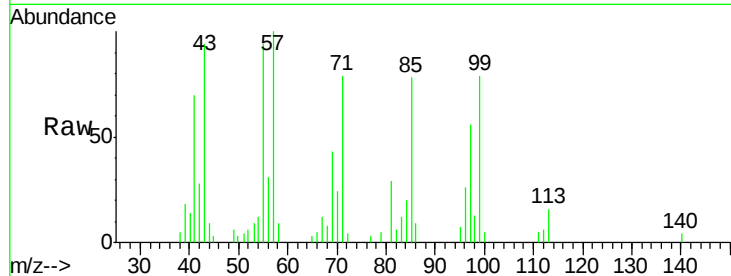
Tot Ion: 99 Resp: 11737

Ion Ratio Lower Upper

99 100

42 35.6 17.1 25.7#

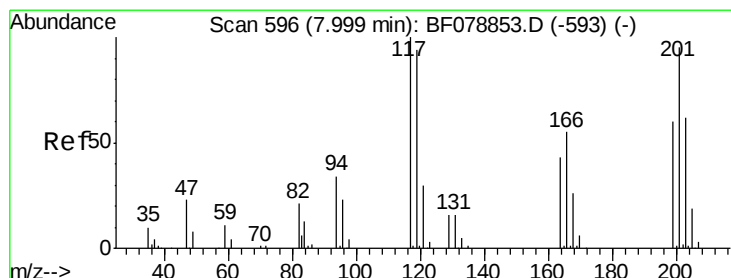
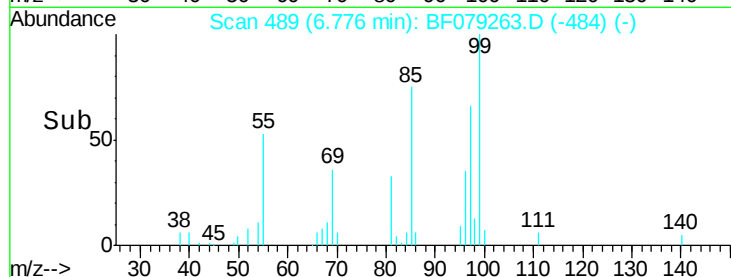
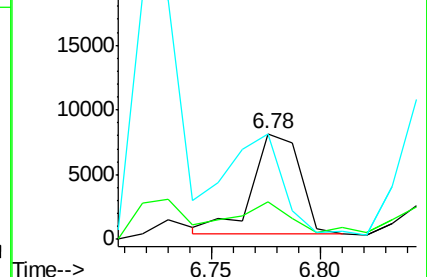
71 99.7 26.3 39.5#



Abundance Ion 99.00 (98.70 to 99.70): BF079263.D (-484) (-)

Ion 42.00 (41.70 to 42.70): BF079263.D (-484) (-)

Ion 71.00 (70.70 to 71.70): BF079263.D (-484) (-)



#18

Hexachloroethane

Concen: 3.44 ng

RT: 7.80 min Scan# 579

Delta R.T. -0.03 min

Lab File: BF079263.D

Acq: 15 May 2015 9:01

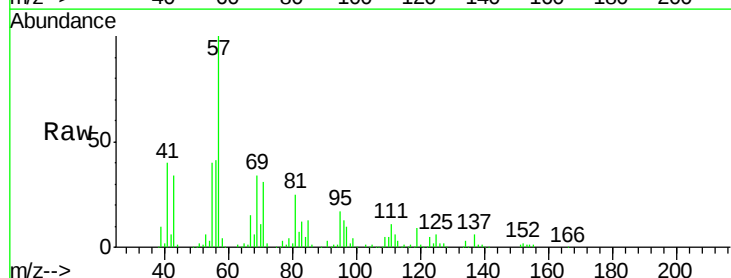
Tgt Ion: 117 Resp: 4321

Ion Ratio Lower Upper

117 100

119 1030.2 75.2 112.8#

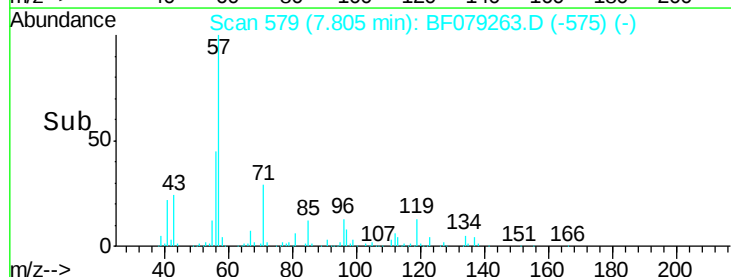
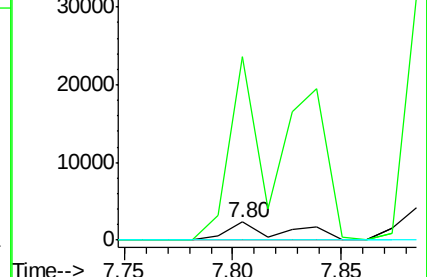
201 0.0 75.8 113.8#

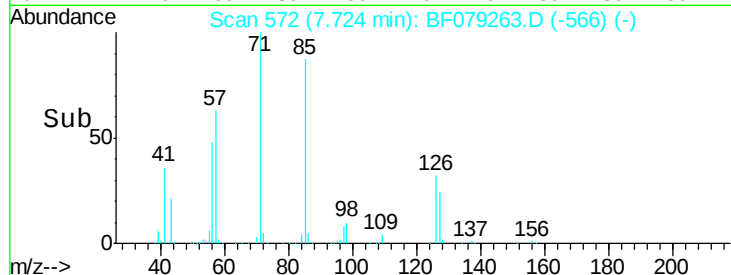
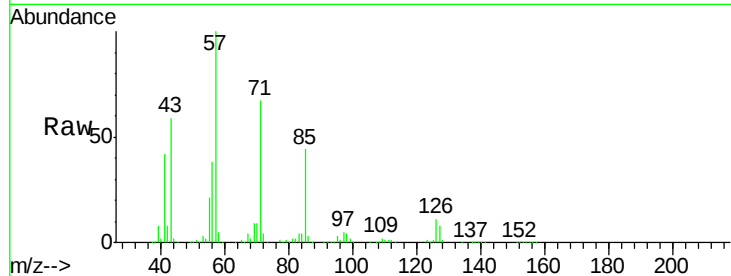
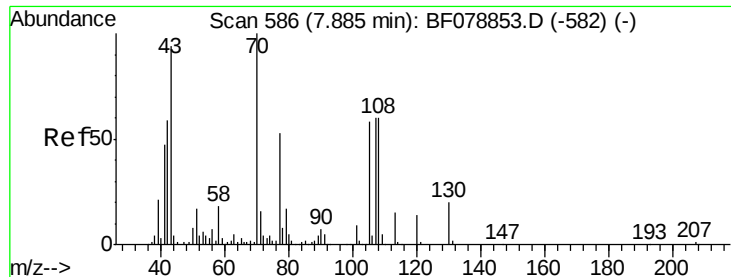


Abundance Ion 117.00 (116.70 to 117.70): BF079263.D (-575) (-)

Ion 119.00 (118.70 to 119.70): BF079263.D (-575) (-)

Ion 201.00 (200.70 to 201.70): BF079263.D (-575) (-)





#19

n-Nitroso-di-n-propylamine

Concen: 27.54 ng

RT: 7.72 min Scan# 572

Delta R.T. -0.01 min

Lab File: BF079263.D

Acq: 15 May 2015 9:01

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 68298

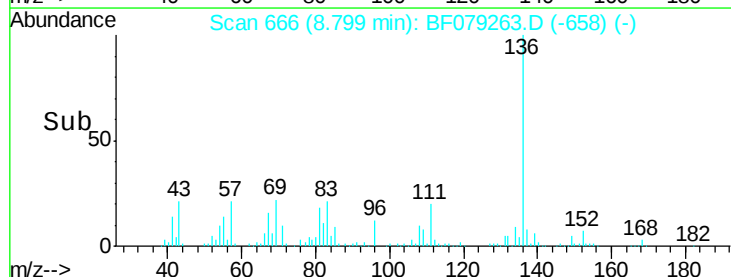
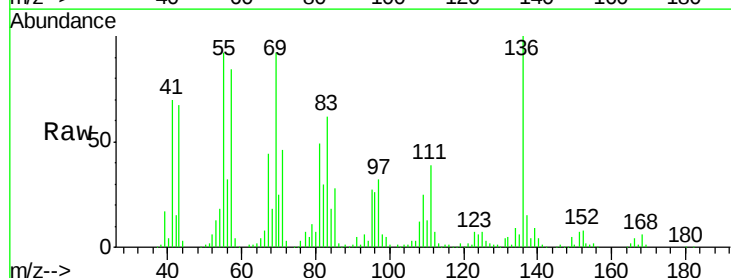
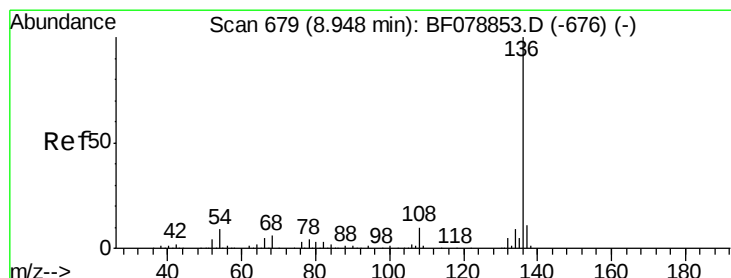
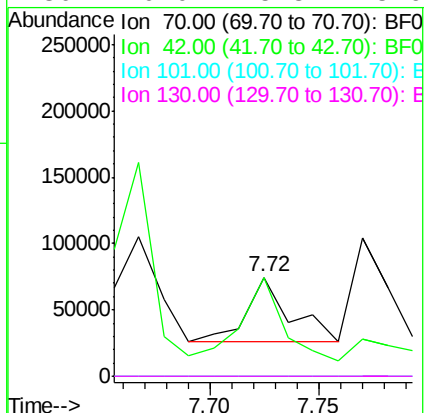
Ion Ratio Lower Upper

70 100

42 99.6 47.3 70.9#

101 0.0 7.5 11.3#

130 0.0 15.8 23.6#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.80 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF079263.D

Acq: 15 May 2015 9:01

Tgt Ion: 136 Resp: 184671

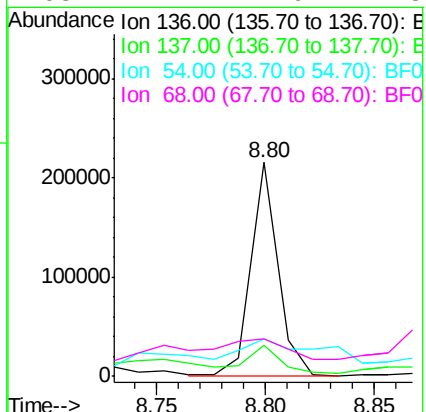
Ion Ratio Lower Upper

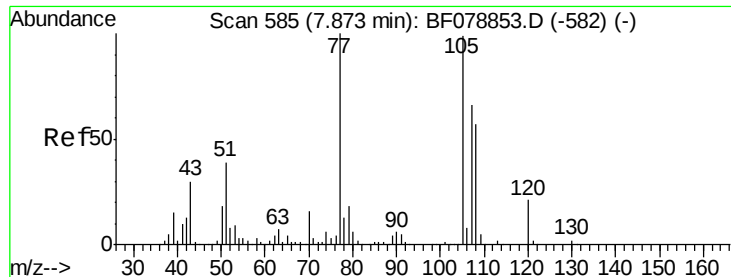
136 100

137 14.5 8.8 13.2#

54 17.5 6.9 10.3#

68 17.7 4.9 7.3#

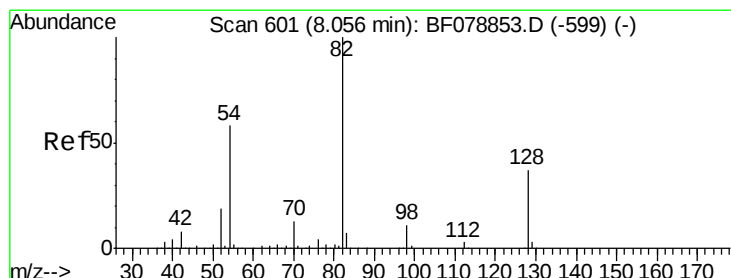
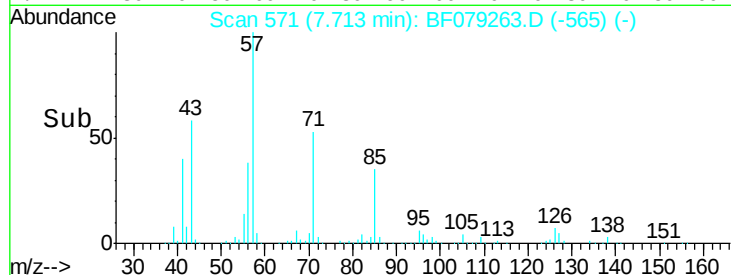
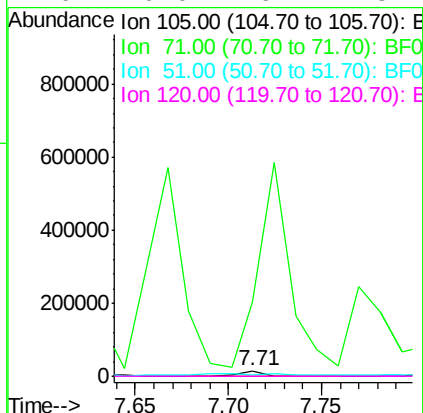
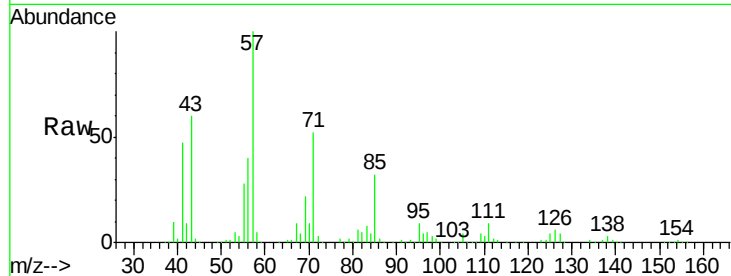




#22
Acetophenone
Concen: 3.88 ng
RT: 7.71 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF079263.D
Acq: 15 May 2015 9:01

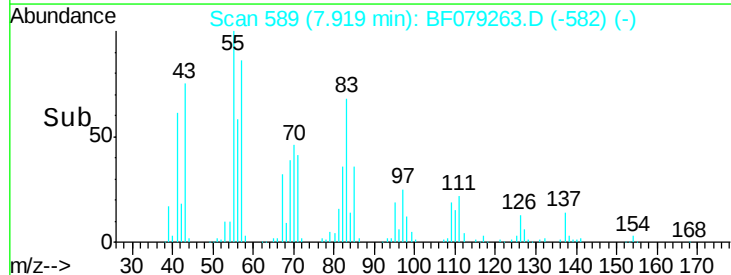
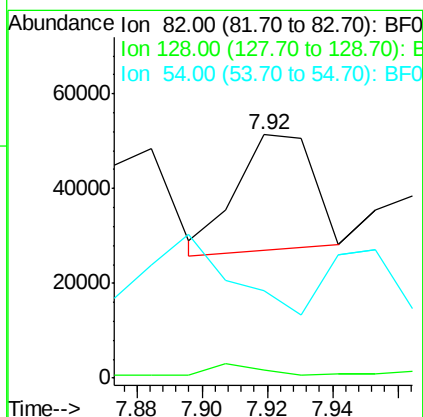
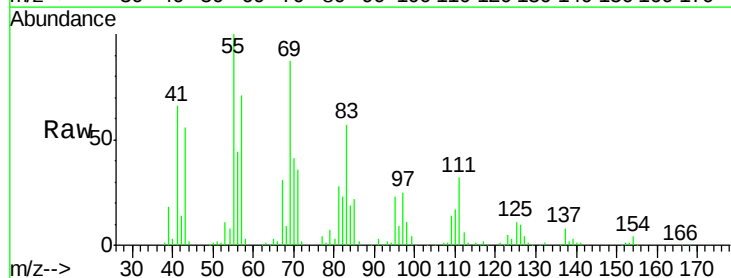
Instrument :
BNA_F
ClientSampleId :

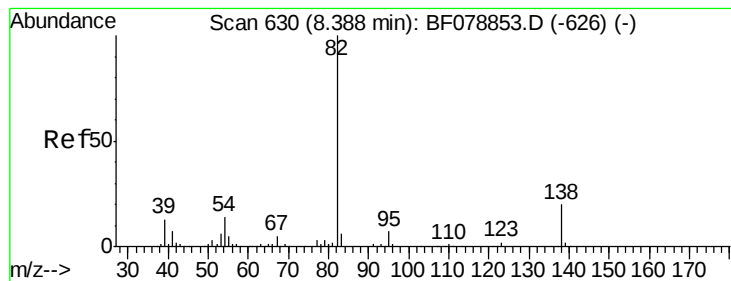
Tot Ion:105 Resp: 16196
Ion Ratio Lower Upper
105 100
71 1344.7 2.2 3.4#
51 25.6 31.1 46.7#
120 0.0 16.7 25.1#



#23
Nitrobenzene-d5
Concen: 12.40 ng
RT: 7.92 min Scan# 589
Delta R.T. -0.00 min
Lab File: BF079263.D
Acq: 15 May 2015 9:01

Tgt Ion: 82 Resp: 39831
Ion Ratio Lower Upper
82 100
128 3.5 29.7 44.5#
54 36.0 46.2 69.4#





#25

Isophorone

Concen: 42.94 ng

RT: 8.23 min Scan# 616

Delta R.T. -0.01 min

Lab File: BF079263.D

Acq: 15 May 2015 9:01

Instrument :

BNA_F

ClientSampleId :

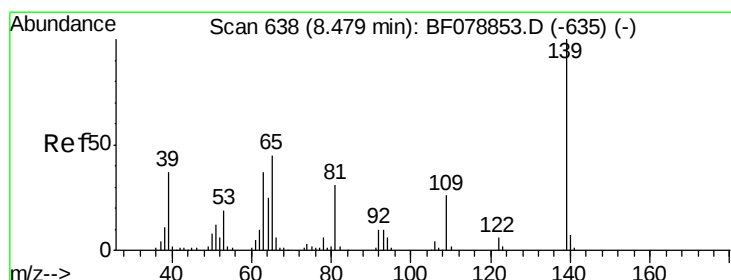
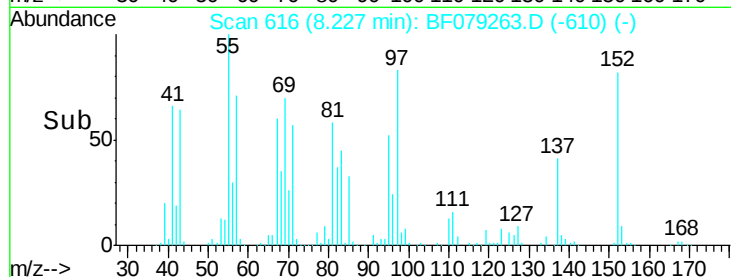
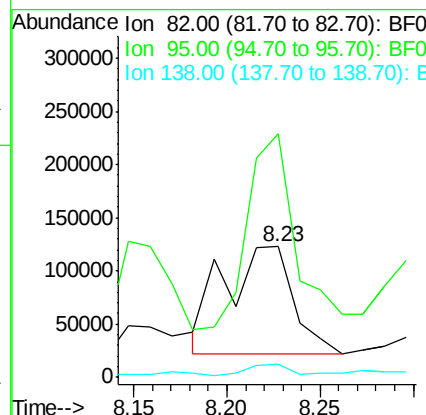
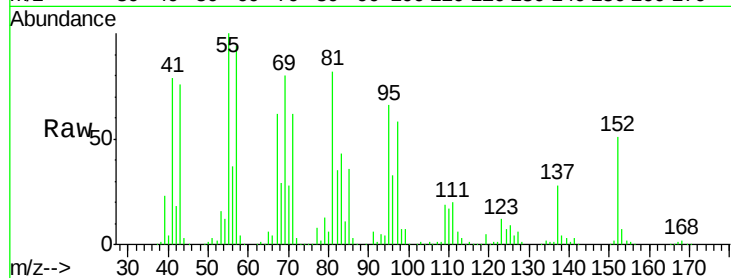
Tot Ion: 82 Resp: 255777

Ion Ratio Lower Upper

82 100

95 186.5 5.4 8.2#

138 10.3 16.1 24.1#



#26

2-Nitrophenol

Concen: 17.24 ng

RT: 8.35 min Scan# 627

Delta R.T. 0.02 min

Lab File: BF079263.D

Acq: 15 May 2015 9:01

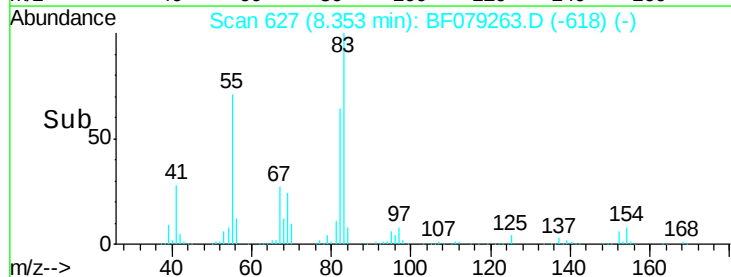
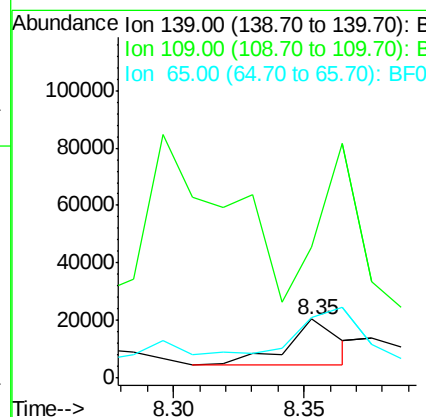
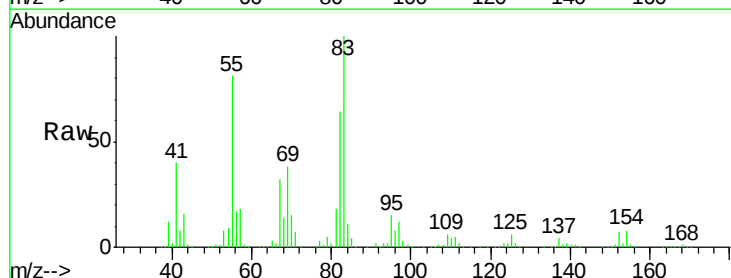
Tgt Ion: 139 Resp: 22732

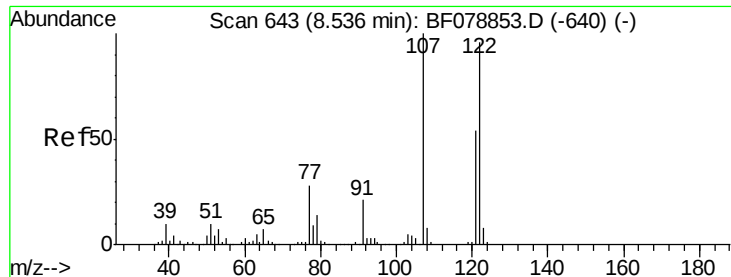
Ion Ratio Lower Upper

139 100

109 221.7 20.9 31.3#

65 102.7 35.8 53.8#





#27

2,4-Dimethylphenol

Concen: 7.46 ng

RT: 8.38 min Scan# 629

Delta R.T. -0.02 min

Lab File: BF079263.D

Acq: 15 May 2015 9:01

Instrument :

BNA_F

ClientSampleId :

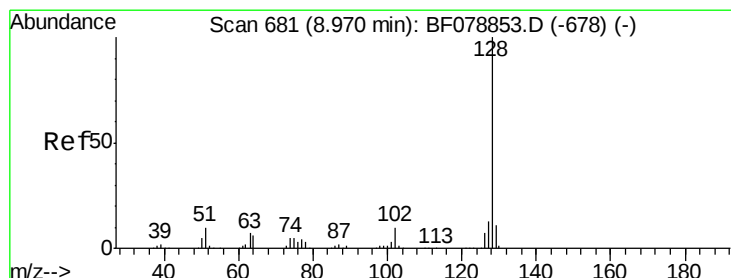
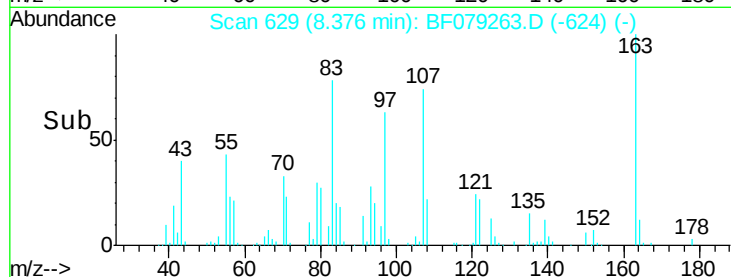
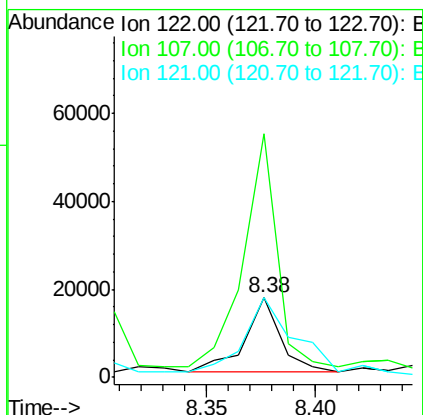
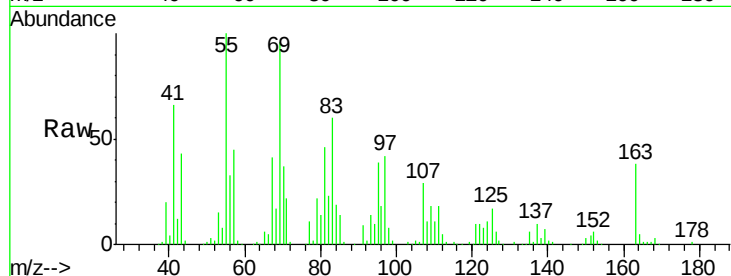
Tot Ion:122 Resp: 19670

Ion Ratio Lower Upper

122 100

107 306.8 83.6 125.4#

121 100.8 44.9 67.3#



#31

Naphthalene

Concen: 2.10 ng

RT: 8.82 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF079263.D

Acq: 15 May 2015 9:01

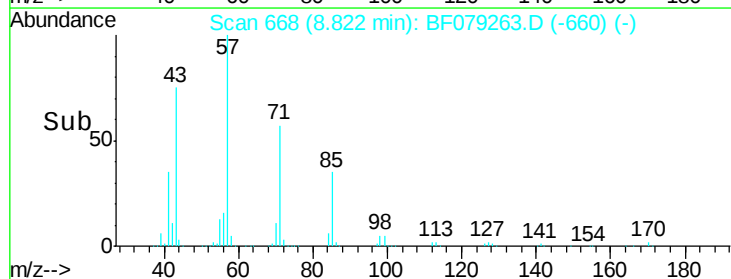
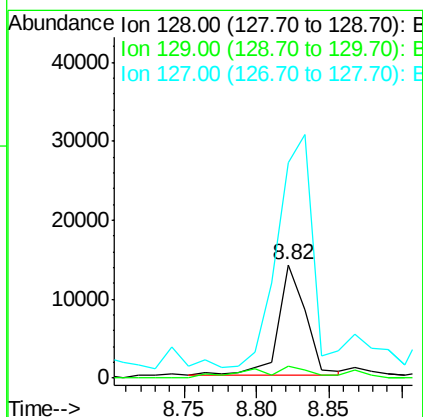
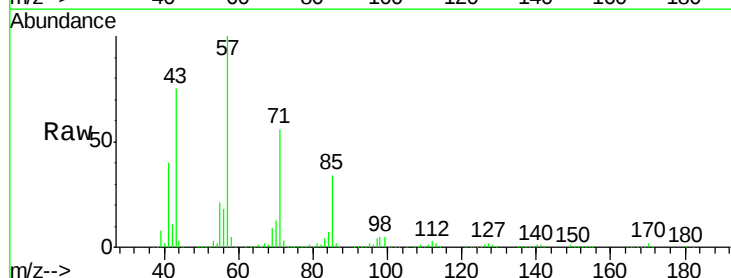
Tgt Ion:128 Resp: 18491

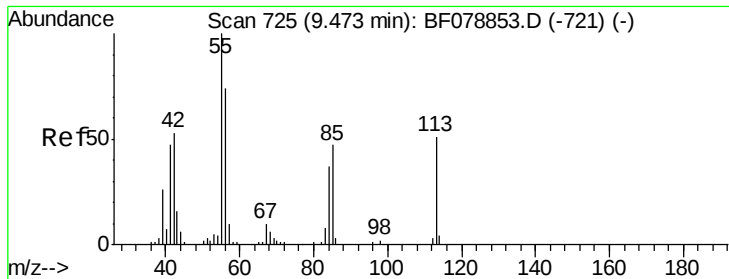
Ion Ratio Lower Upper

128 100

129 11.1 9.2 13.8

127 189.9 10.3 15.5#





#35

Caprolactam

Concen: 23.99 ng

RT: 9.35 min Scan# 714

Delta R.T. 0.01 min

Lab File: BF079263.D

Acq: 15 May 2015 9:01

Instrument :

BNA_F

ClientSampled :

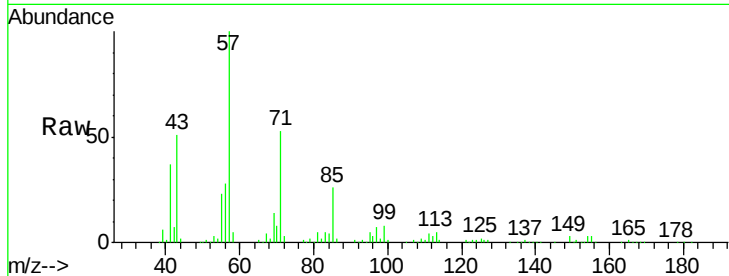
Tot Ion:113 Resp: 18197

Ion Ratio Lower Upper

113 100

55 464.6 176.0 216.0#

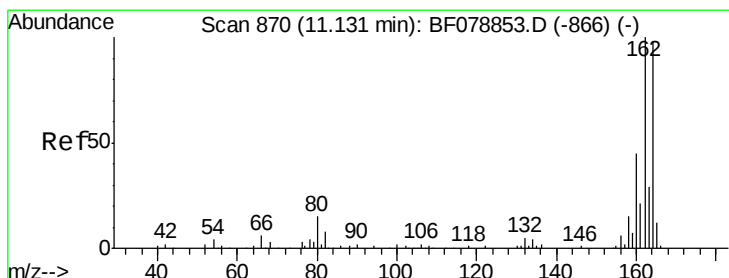
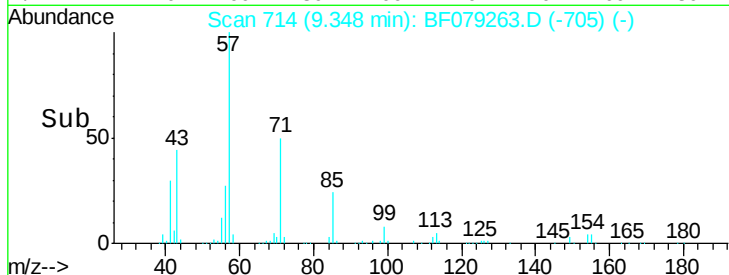
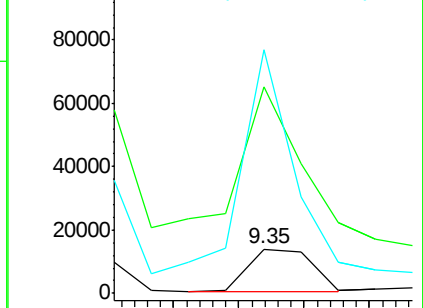
56 547.9 123.8 163.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.97 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF079263.D

Acq: 15 May 2015 9:01

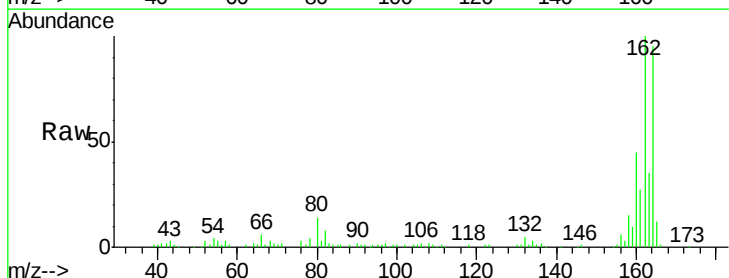
Tgt Ion:164 Resp: 100132

Ion Ratio Lower Upper

164 100

162 104.9 81.4 122.0

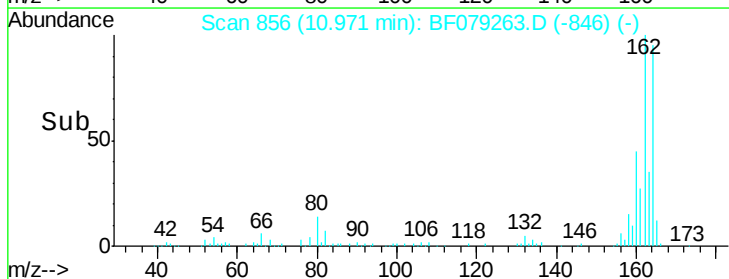
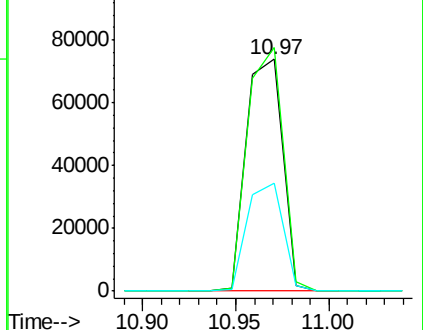
160 46.8 36.6 54.8

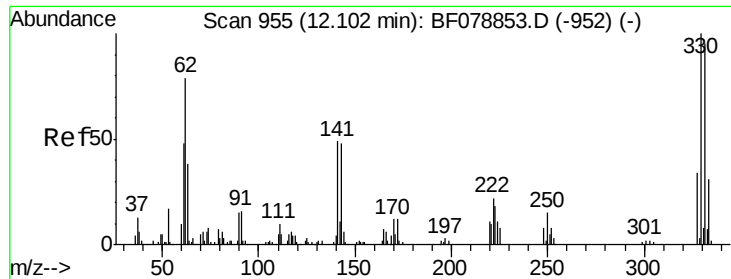


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

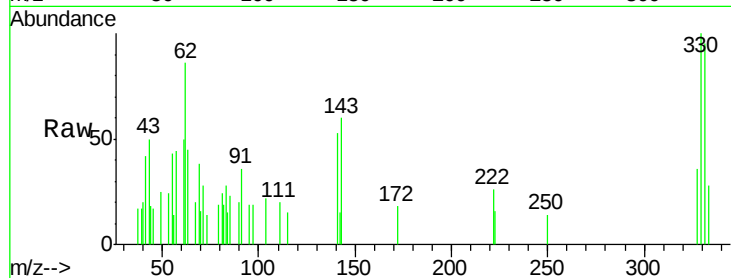




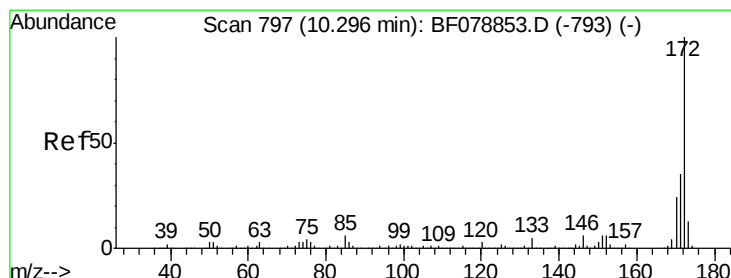
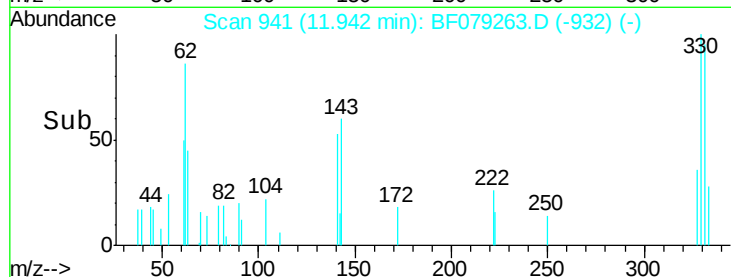
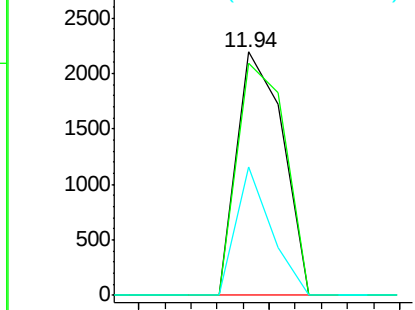
#41
 2,4,6-Tribromophenol
 Concen: 2.48 ng
 RT: 11.94 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF079263.D
 Acq: 15 May 2015 9:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 2686
 Ion Ratio Lower Upper
 330 100
 332 100.0 76.9 115.3
 141 40.5 27.8 41.8

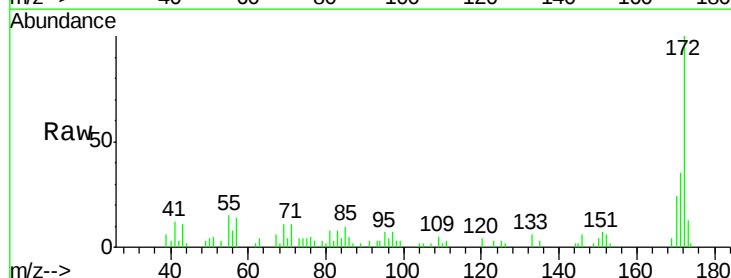


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

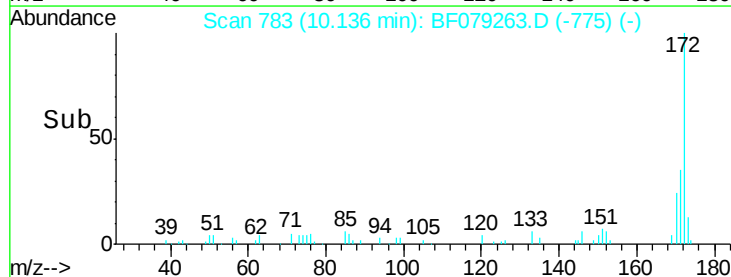
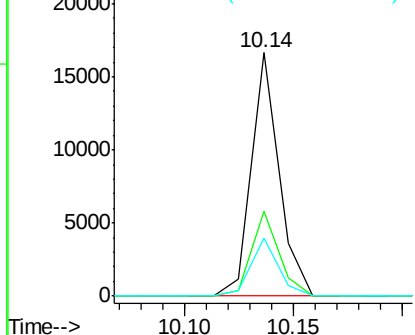


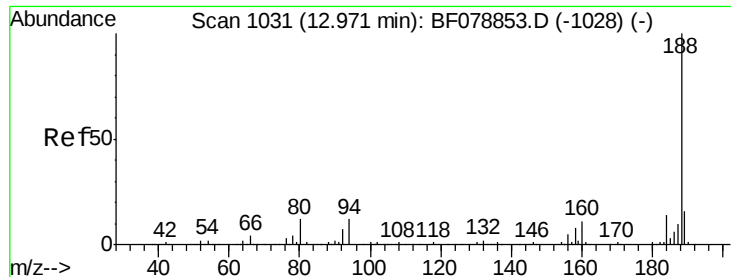
#44
 2-Fluorobiphenyl
 Concen: 2.04 ng
 RT: 10.14 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF079263.D
 Acq: 15 May 2015 9:01

Tgt Ion:172 Resp: 14651
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.3 42.5
 170 23.7 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

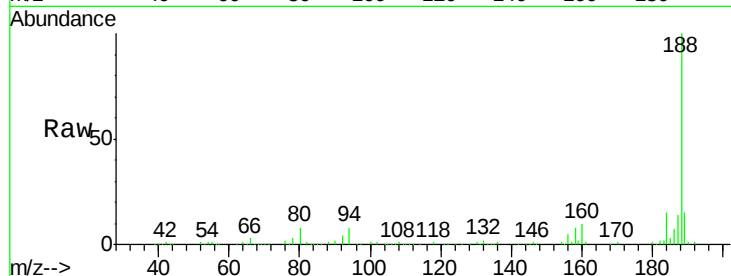




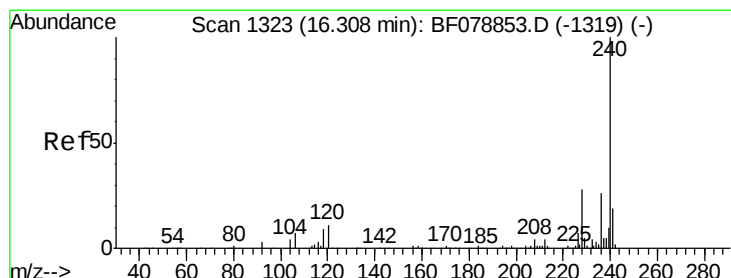
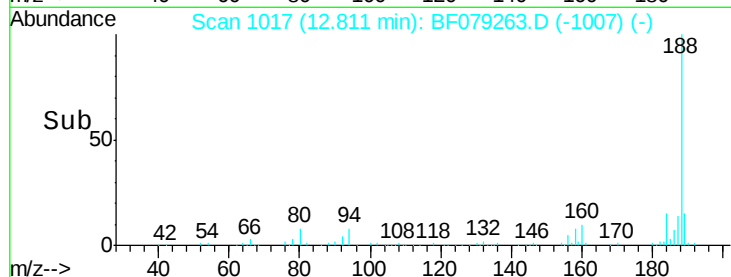
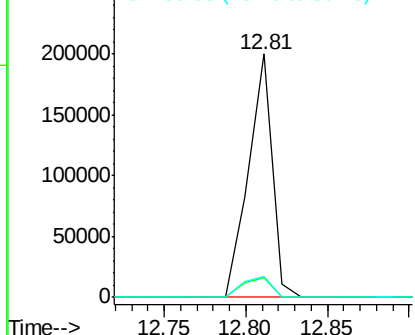
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.81 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF079263.D
Acq: 15 May 2015 9:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 201901
Ion Ratio Lower Upper
188 100
94 8.3 9.4 14.0#
80 8.4 9.8 14.6#

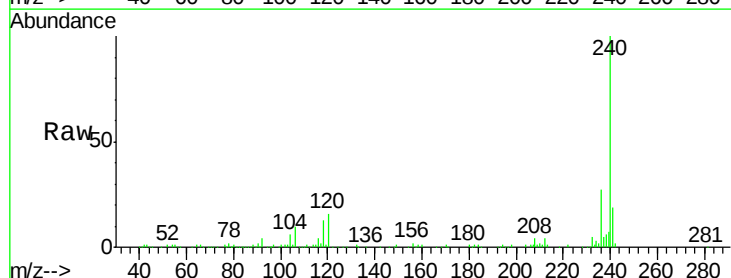


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

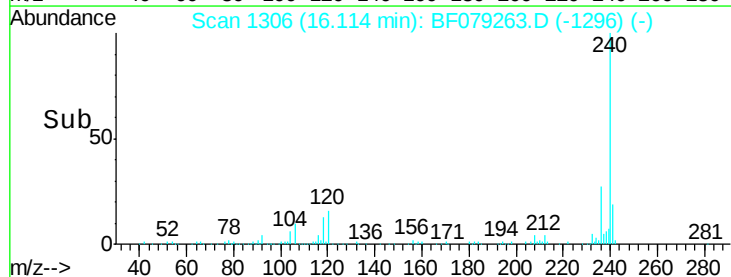
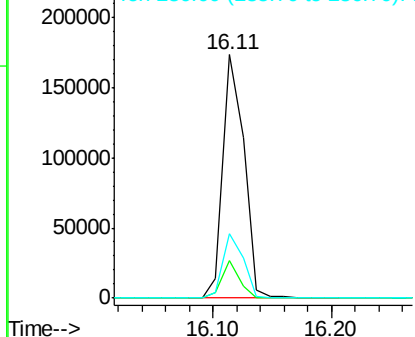


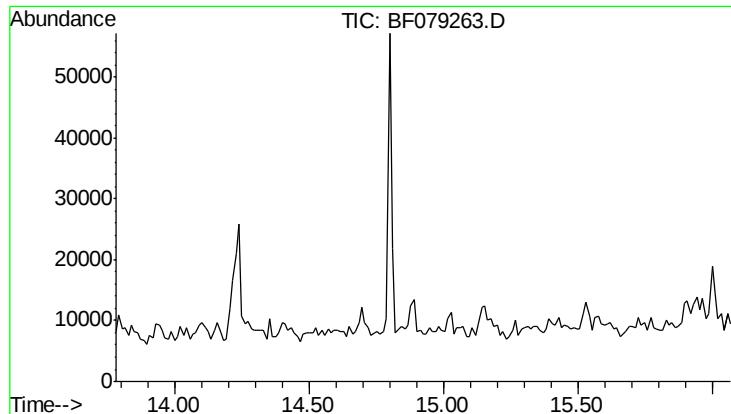
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.11 min Scan# 1306
Delta R.T. -0.39 min
Lab File: BF079263.D
Acq: 15 May 2015 9:01

Tgt Ion:240 Resp: 213079
Ion Ratio Lower Upper
240 100
120 15.7 8.6 12.8#
236 26.5 21.0 31.6



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

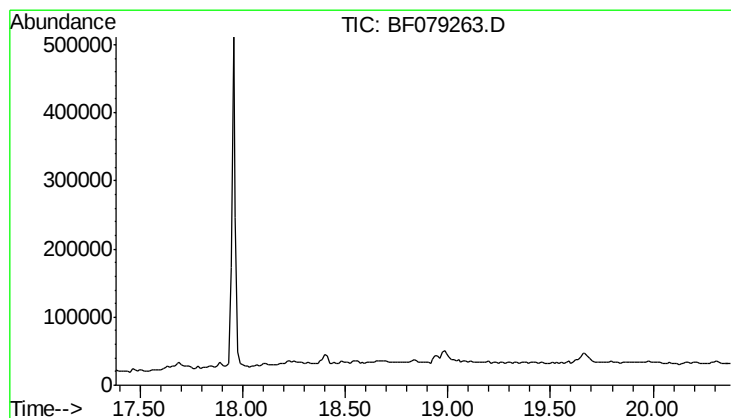
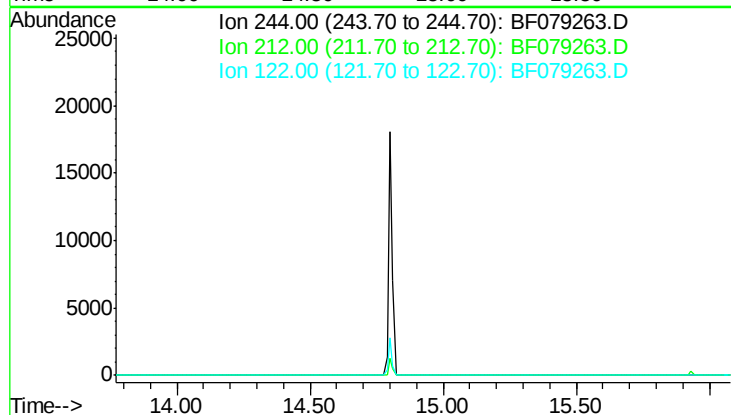




#78
 Terphenyl-d14
 Concen: 0.00 ng
 Expected RT: 14.93 min
 Lab File: BF079263.D
 Acq: 15 May 2015 9:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 244
 Sig Exp Ratio
 244 100
 212 7.0
 122 13.1



#86
 Perylene-d12
 Concen: 0.00 ng
 Expected RT: 18.88 min
 Lab File: BF079263.D
 Acq: 15 May 2015 9:01

Tgt Ion: 264
 Sig Exp Ratio
 264 100
 260 24.0
 265 21.5

