

Data Path : C:\DOCUMENTS AND SETTINGS\AYUL\DESKTOP\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 :
 LAR9798

Quant Time: Aug 05 04:11:02 2015
 Quant Method : C:\DOCUMENTS AND SETTINGS\AYUL\DESKTOP\BF051415\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 05:08:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-7.13
21) Naphthalene-d8	8.73	136	11898	20.00	ng	0.02
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-10.88
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-12.72
75) Chrysene-d12	16.11	240	213079	20.00	ng	0.09
86) Perylene-d12	17.95	264	231150	20.00	ng	0.14

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	7.83	82	6081	29.37	ng	0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
78) Terphenyl-d14	14.80	244	18117	2.04	ng	0.08

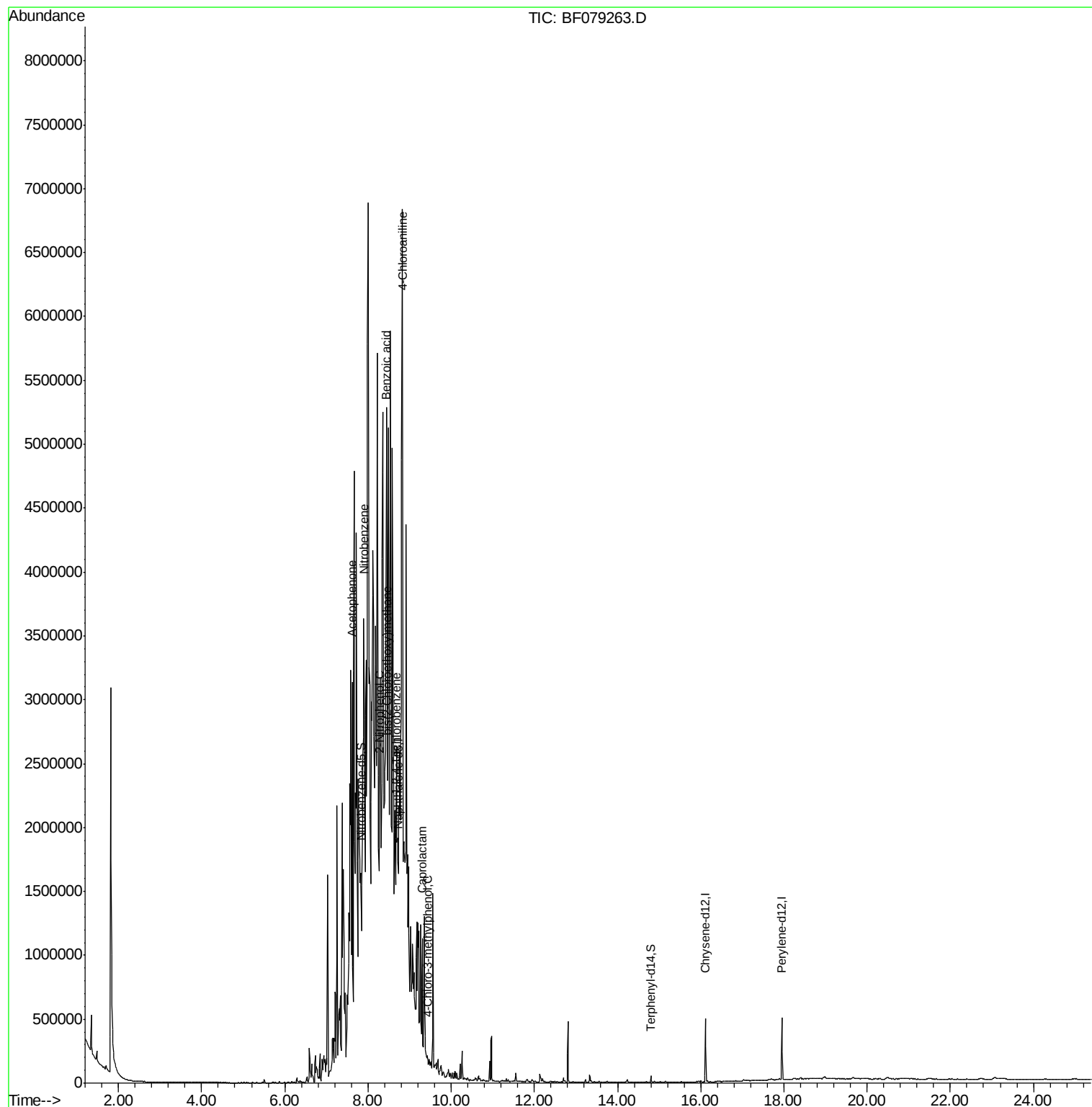
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
22) Acetophenone	7.62	105	16362	60.87	ng	# 1
24) Nitrobenzene	7.90	77	15630	76.17	ng	# 54
26) 2-Nitrophenol	8.27	139	4277	50.36	ng	# 1
28) bis(2-Chloroethoxy)methane	8.47	93	1367	5.78	ng	# 1
30) 1,2,4-Trichlorobenzene	8.67	180	2273	13.69	ng	# 76
32) Benzoic acid	8.44	122	3045	31.15	ng	# 1
33) 4-Chloroaniline	8.83	127	49094	204.65	ng	# 63
35) Caprolactam	9.30	113	8525	174.44	ng	# 1
36) 4-Chloro-3-methylphenol	9.44	107	689	4.34	ng	# 16

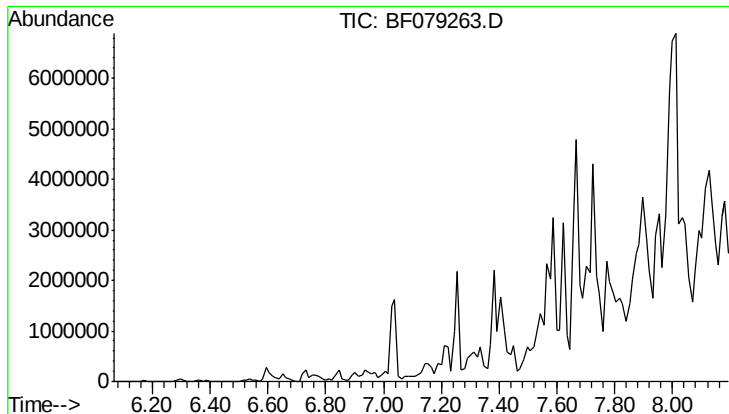
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.00 ng

Expected RT: 7.13 min

Lab File: BF079263.D

Acq: 15 May 2015 9:01

Instrument :

BNA_F

ClientSampleId :

LAR9798

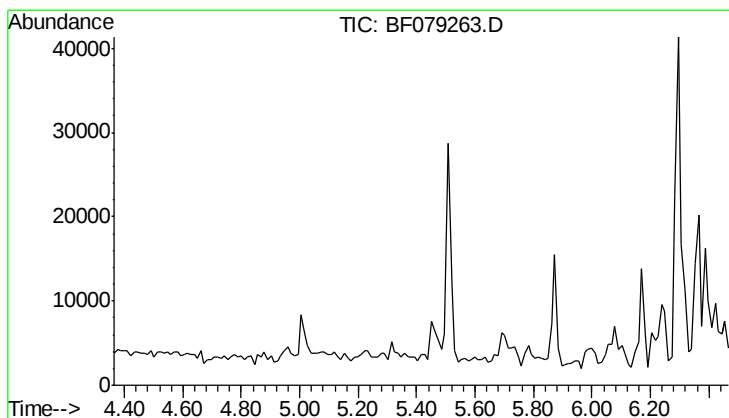
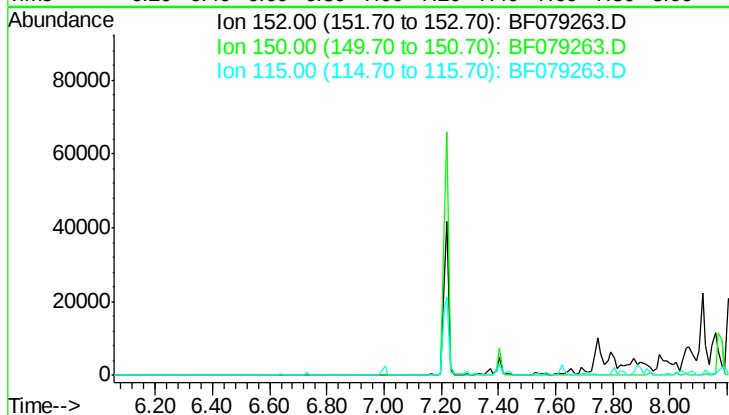
Tot Ion: 152

Sig Exp Ratio

152 100

150 154.8

115 61.7



#5

2-Fluorophenol

Concen: 0.00 ng

Expected RT: 5.42 min

Lab File: BF079263.D

Acq: 15 May 2015 9:01

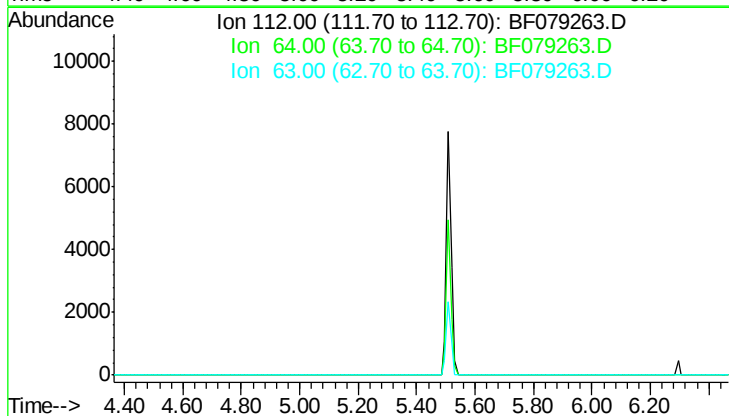
Tgt Ion: 112

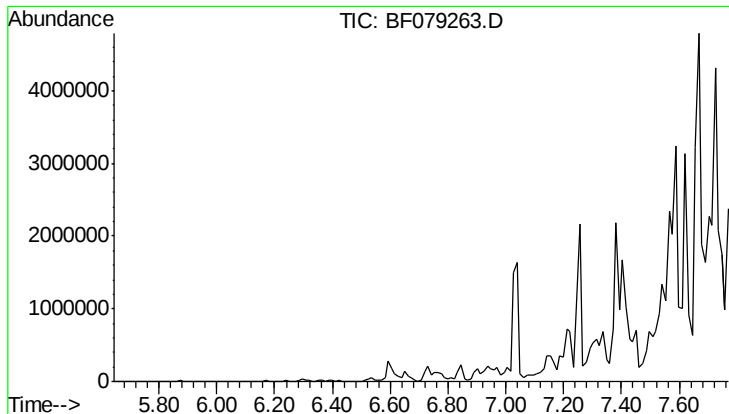
Sig Exp Ratio

112 100

64 55.2

63 28.4





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.71 min

Lab File: BF079263.D

Acq: 15 May 2015 9:01

Instrument :

BNA_F

ClientSampleId :

LAR9798

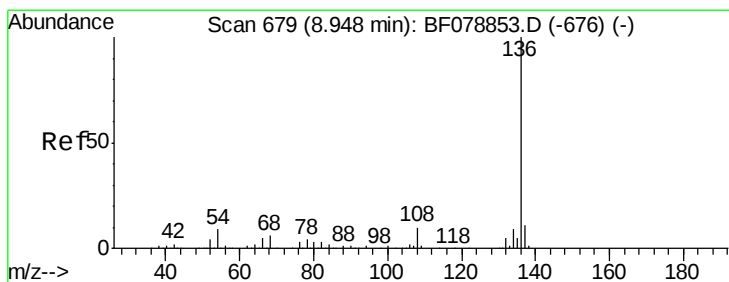
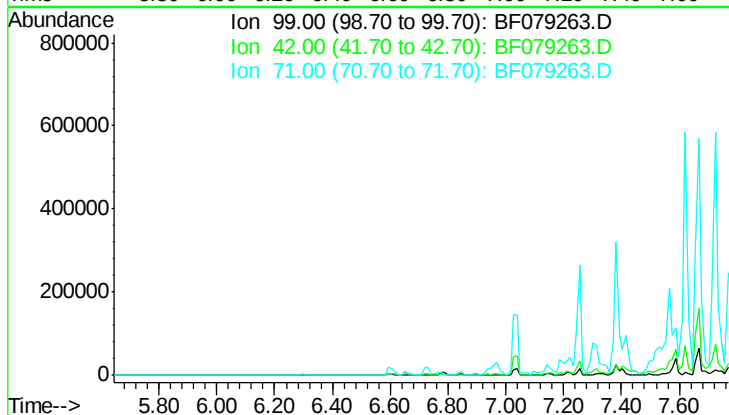
Tot Ion: 99

Sig Exp Ratio

99 100

42 21.4

71 32.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.73 min Scan# 660

Delta R.T. 0.02 min

Lab File: BF079263.D

Acq: 15 May 2015 9:01

Tgt Ion:136 Resp: 11898

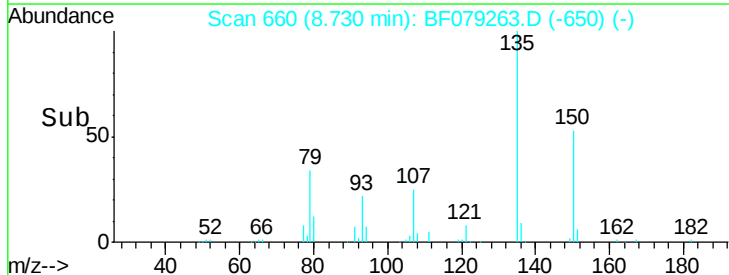
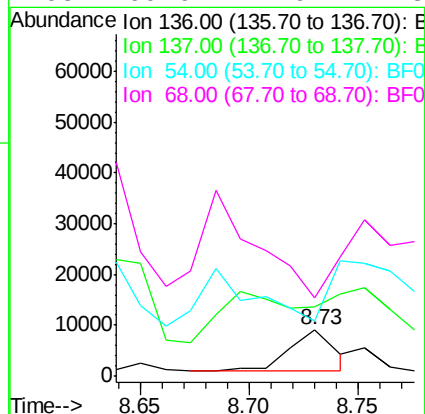
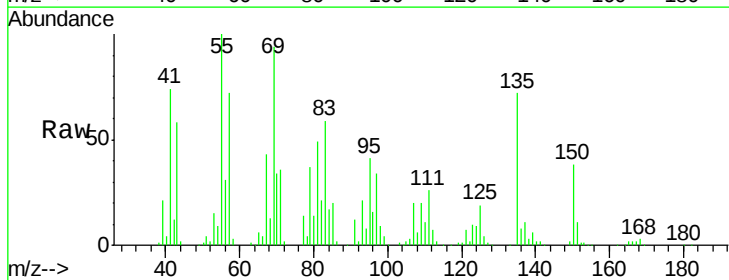
Ion Ratio Lower Upper

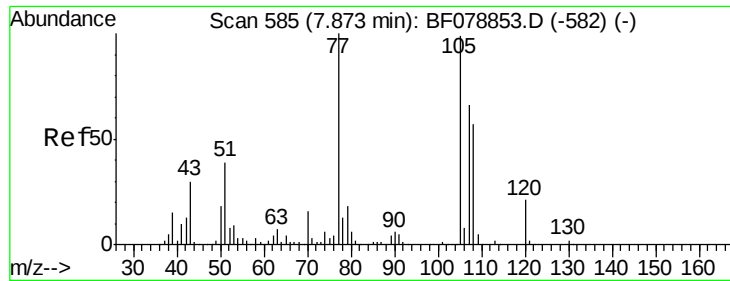
136 100

137 148.5 8.8 13.2#

54 119.1 6.9 10.3#

68 169.6 4.9 7.3#

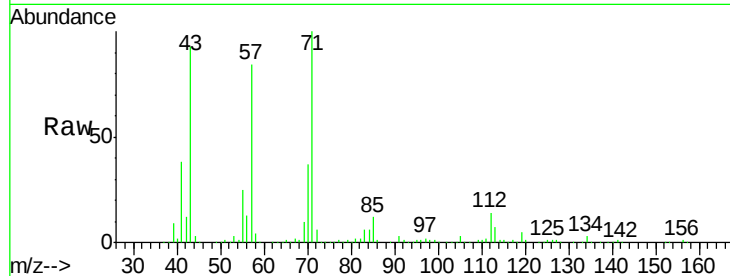




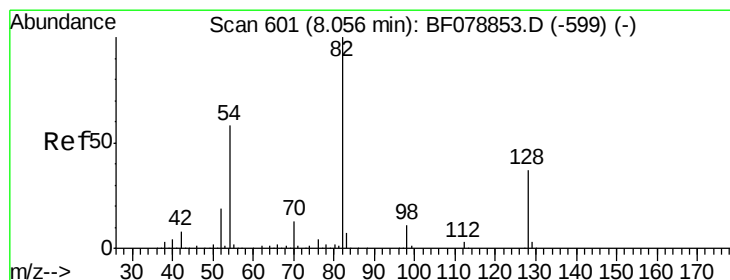
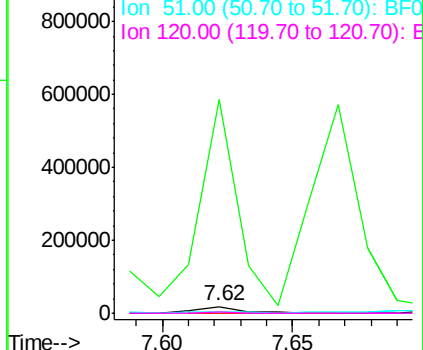
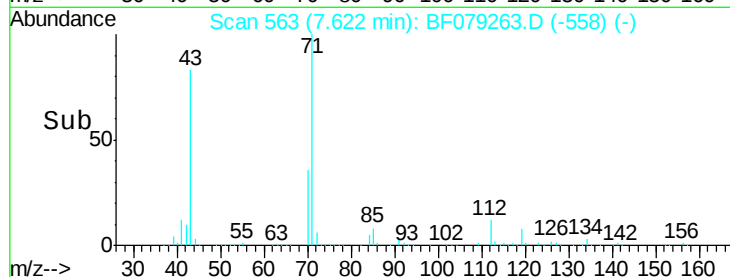
#22
Acetophenone
Concen: 60.87 ng
RT: 7.62 min Scan# 563
Delta R.T. -0.02 min
Lab File: BF079263.D
Acq: 15 May 2015 9:01

Instrument :
BNA_F
ClientSampleId :
LAR9798

Tot Ion:105 Resp: 16362
Ion Ratio Lower Upper
105 100
71 3141.0 2.2 3.4#
51 28.4 31.1 46.7#
120 16.7 16.7 25.1

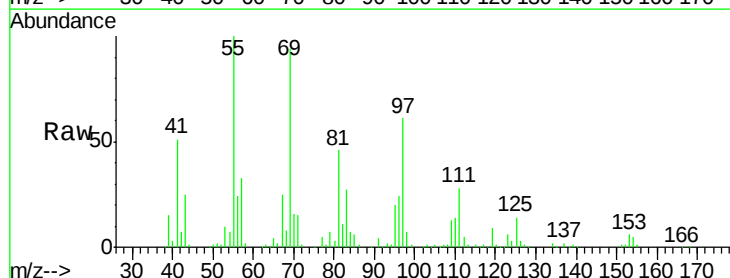


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

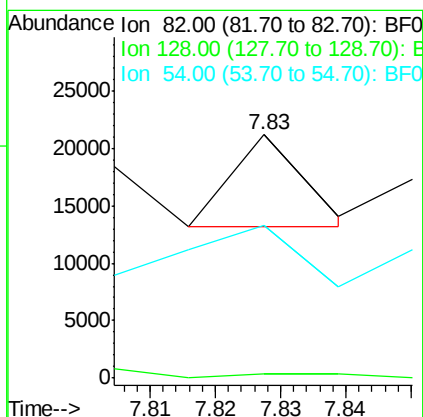
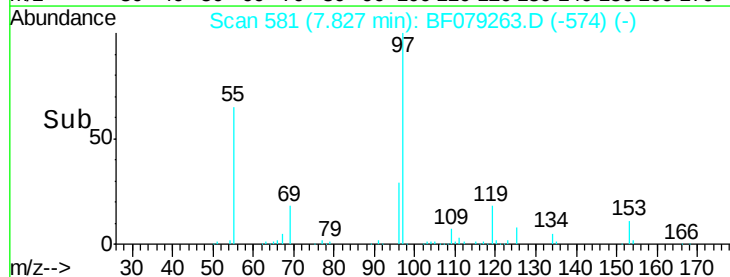


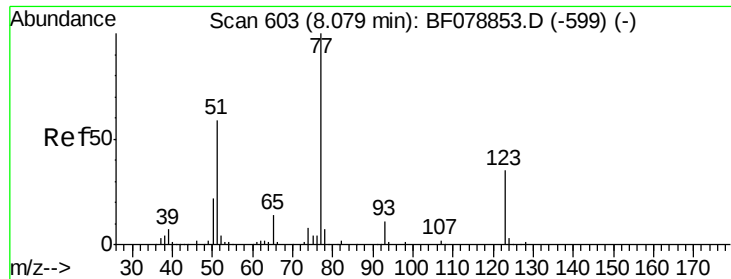
#23
Nitrobenzene-d5
Concen: 29.37 ng
RT: 7.83 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF079263.D
Acq: 15 May 2015 9:01

Tgt Ion: 82 Resp: 6081
Ion Ratio Lower Upper
82 100
128 1.8 29.7 44.5#
54 62.9 46.2 69.4



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

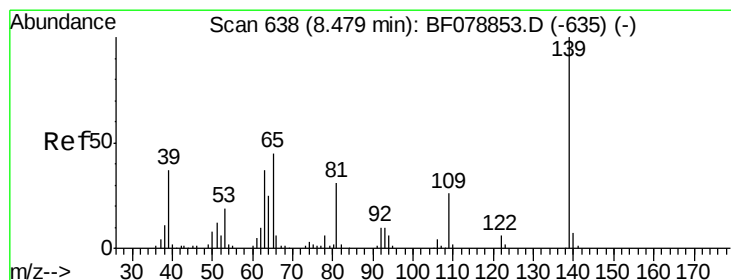
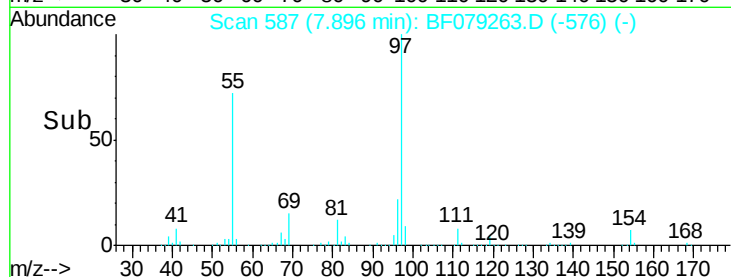
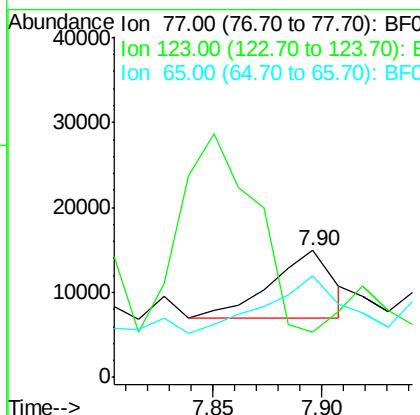
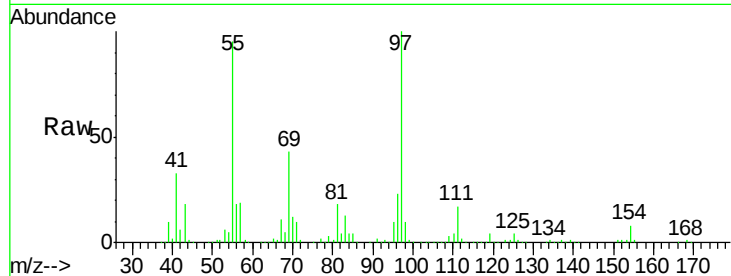




#24
 Nitrobenzene
 Concen: 76.17 ng
 RT: 7.90 min Scan# 587
 Delta R.T. 0.05 min
 Lab File: BF079263.D
 Acq: 15 May 2015 9:01

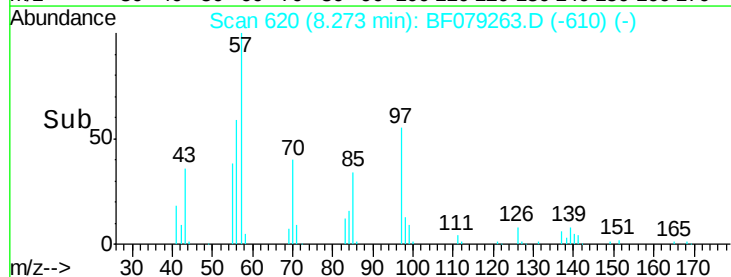
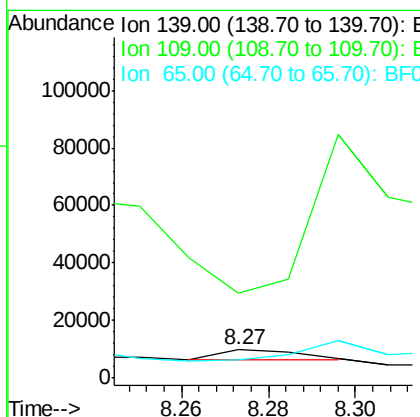
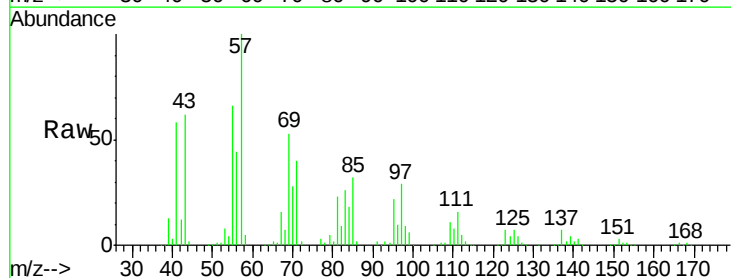
Instrument :
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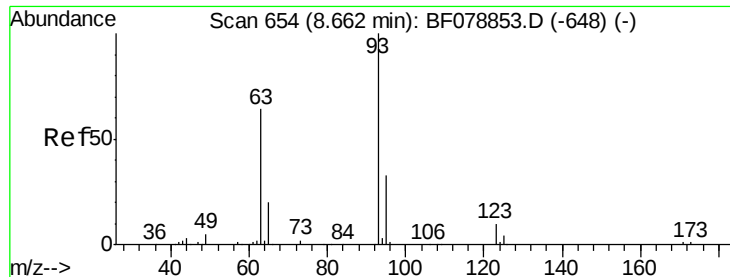
Tot Ion	Ratio	Lower	Upper
77	100		
123	35.3	28.3	42.5
65	80.5	11.0	16.4#



#26
 2-Nitrophenol
 Concen: 50.36 ng
 RT: 8.27 min Scan# 620
 Delta R.T. 0.03 min
 Lab File: BF079263.D
 Acq: 15 May 2015 9:01

Tgt Ion	Ratio	Lower	Upper
139	100		
109	302.1	20.9	31.3#
65	66.5	35.8	53.8#

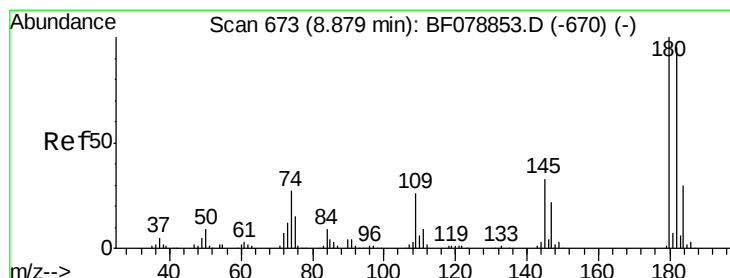
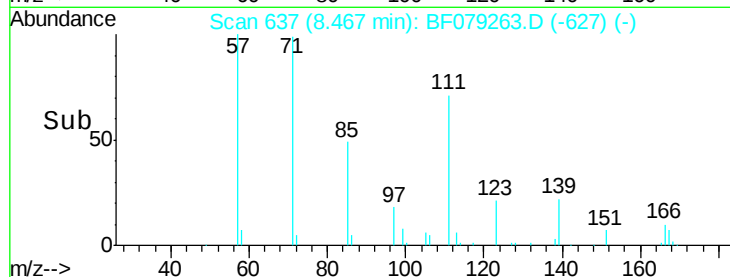
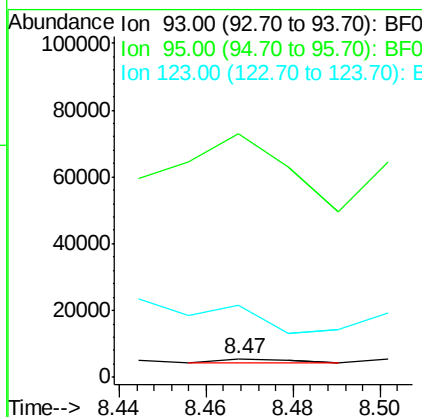
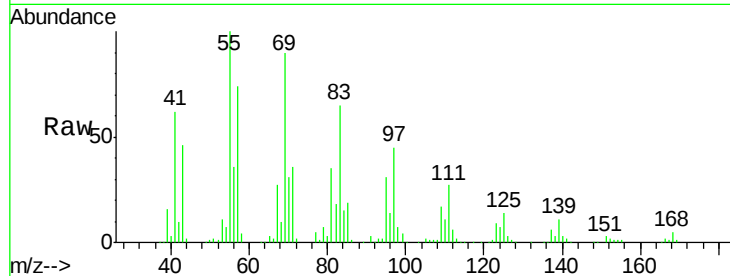




#28
 bis(2-Chloroethoxy)methane
 Concen: 5.78 ng
 RT: 8.47 min Scan# 637
 Delta R.T. 0.03 min
 Lab File: BF079263.D
 Acq: 15 May 2015 9:01

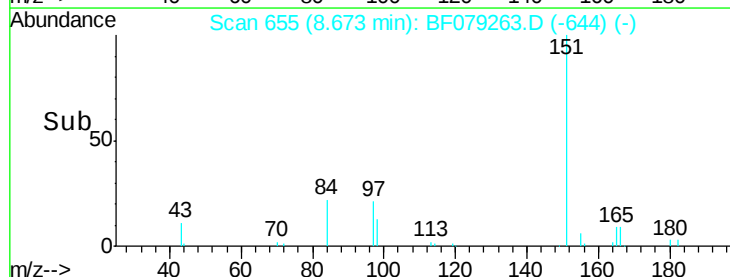
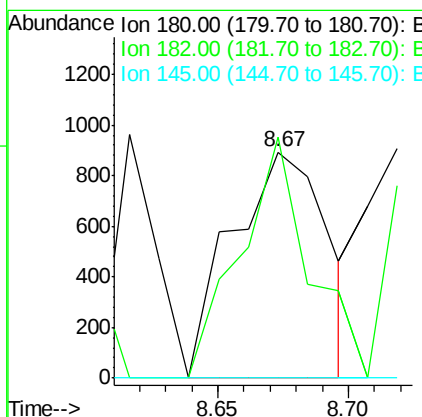
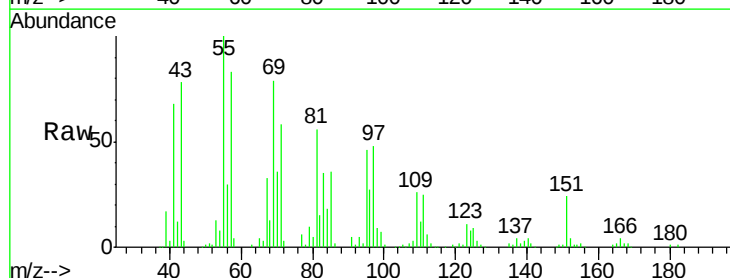
Instrument :
 BNA_F
 ClientSampleId :
 LAR9798

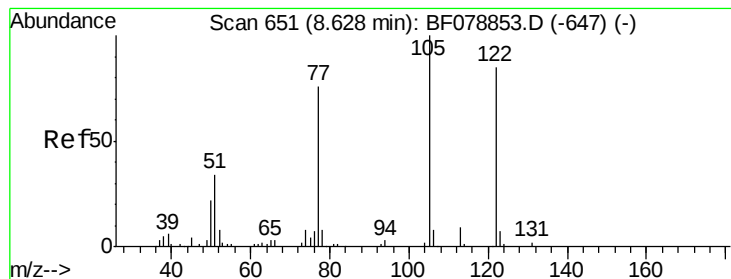
Tot Ion: 93 Resp: 1367
 Ion Ratio Lower Upper
 93 100
 95 1307.5 26.2 39.2#
 123 385.8 8.6 12.8#



#30
 1,2,4-Trichlorobenzene
 Concen: 13.69 ng
 RT: 8.67 min Scan# 655
 Delta R.T. 0.03 min
 Lab File: BF079263.D
 Acq: 15 May 2015 9:01

Tgt Ion: 180 Resp: 2273
 Ion Ratio Lower Upper
 180 100
 182 106.7 75.7 113.5
 145 0.0 26.2 39.4#





#32

Benzoic acid

Concen: 31.15 ng

RT: 8.44 min Scan# 635

Delta R.T. -0.00 min

Lab File: BF079263.D

Acq: 15 May 2015 9:01

Instrument :

BNA_F

ClientSampled :

LAR9798

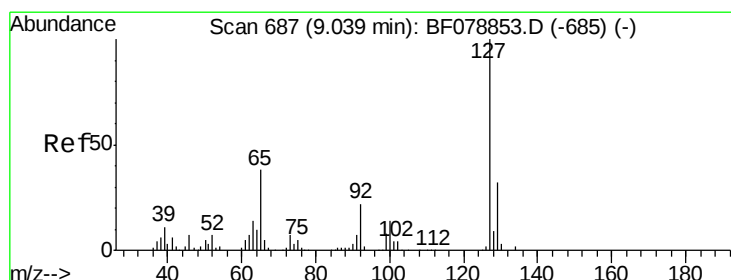
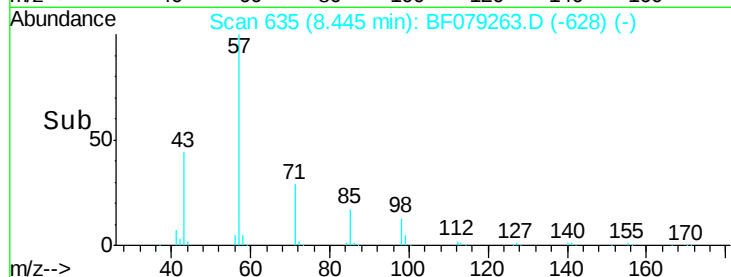
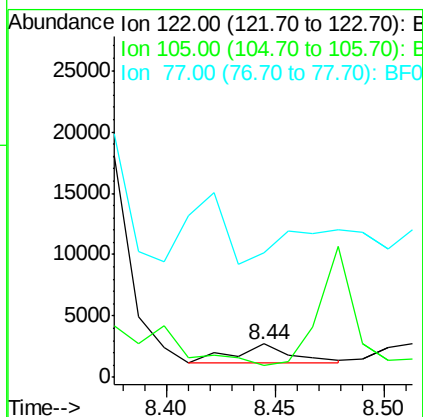
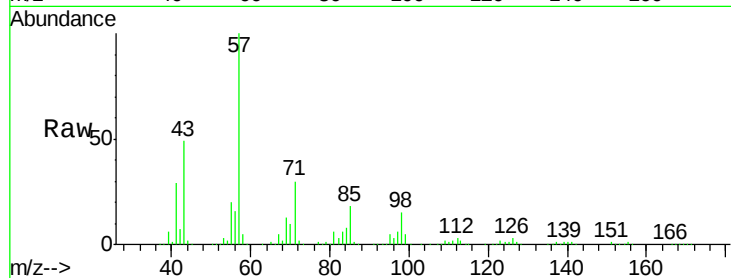
Tot Ion:122 Resp: 3045

Ion Ratio Lower Upper

122 100

105 36.5 100.7 140.7#

77 372.2 72.0 112.0#



#33

4-Chloroaniline

Concen: 204.65 ng

RT: 8.83 min Scan# 669

Delta R.T. 0.02 min

Lab File: BF079263.D

Acq: 15 May 2015 9:01

Tgt Ion:127 Resp: 49094

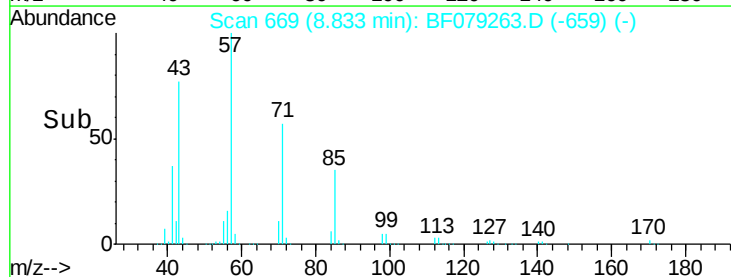
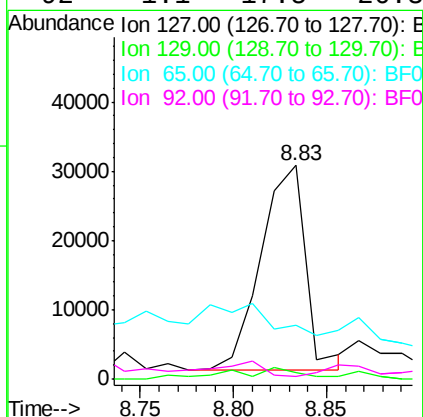
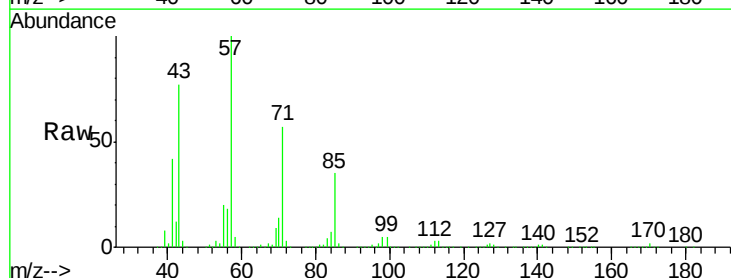
Ion Ratio Lower Upper

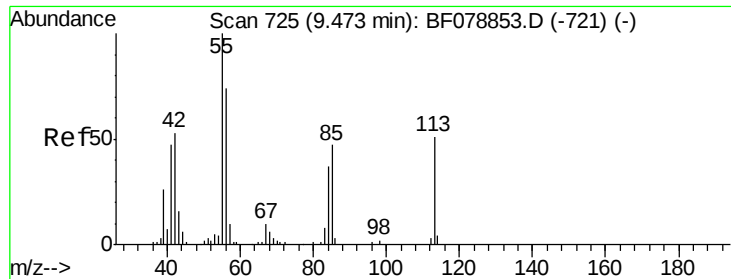
127 100

129 3.3 25.6 38.4#

65 25.3 30.2 45.4#

92 1.1 17.5 26.3#





#35

Caprolactam

Concen: 174.44 ng

RT: 9.30 min Scan# 710

Delta R.T. 0.05 min

Lab File: BF079263.D

Acq: 15 May 2015 9:01

Instrument :

BNA_F

ClientSampled :

LAR9798

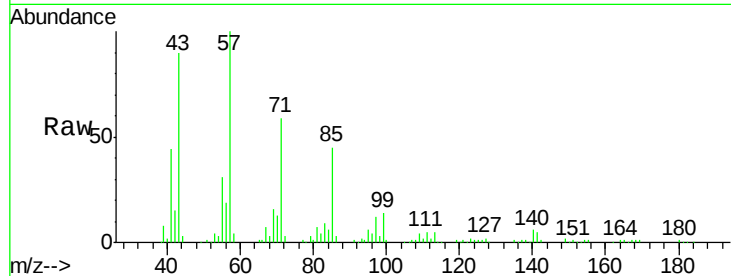
Tot Ion:113 Resp: 8525

Ion Ratio Lower Upper

113 100

55 601.4 176.0 216.0#

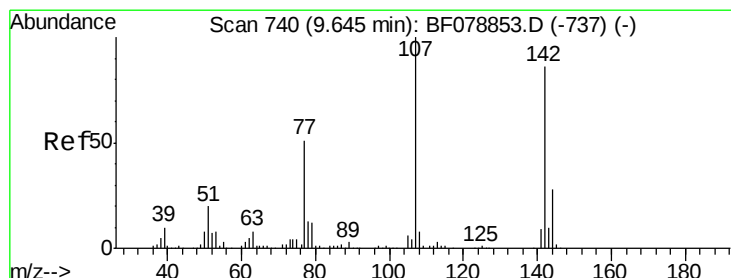
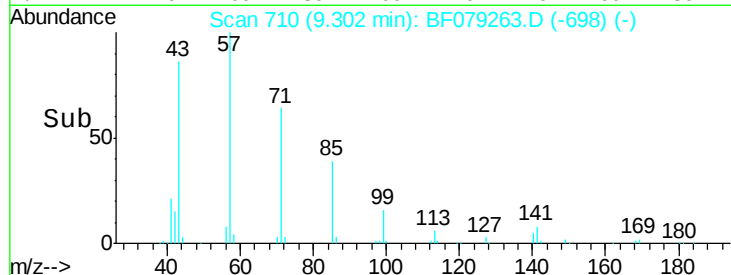
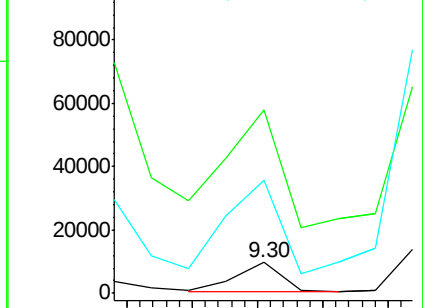
56 369.3 123.8 163.8#



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



#36

4-Chloro-3-methylphenol

Concen: 4.34 ng

RT: 9.44 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF079263.D

Acq: 15 May 2015 9:01

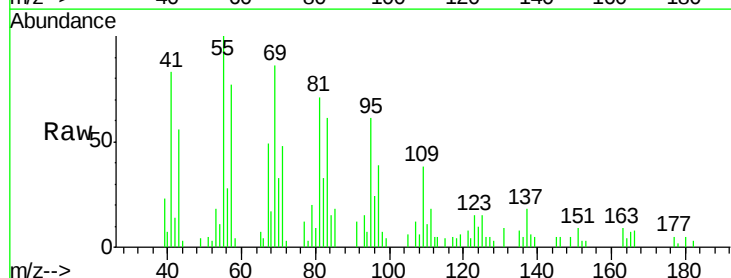
Tgt Ion:107 Resp: 689

Ion Ratio Lower Upper

107 100

144 0.0 22.5 33.7#

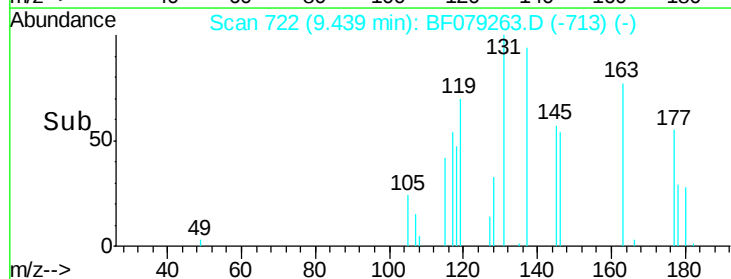
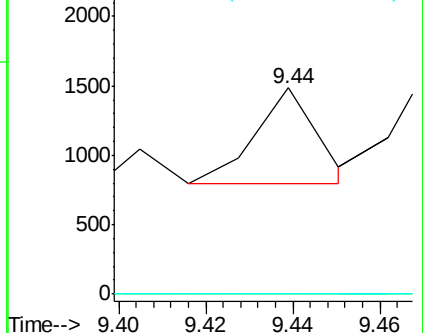
142 0.0 68.6 103.0#

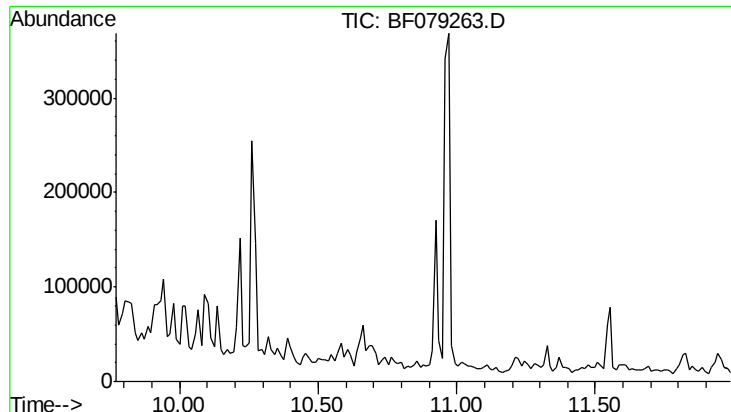


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

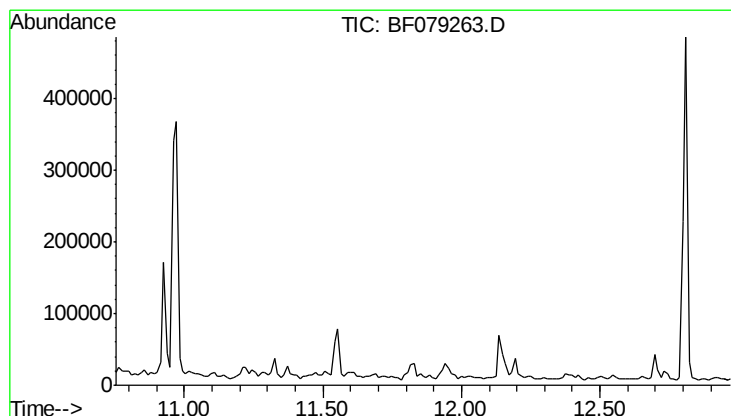
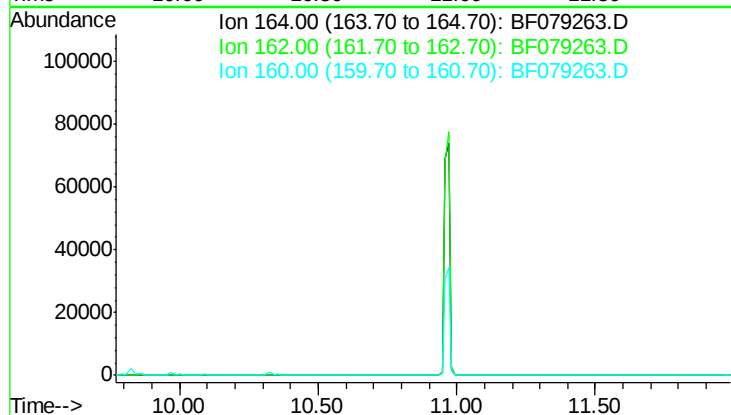




#38
 Acenaphthene-d10
 Concen: 0.00 ng
 Expected RT: 10.88 min
 Lab File: BF079263.D
 Acq: 15 May 2015 9:01

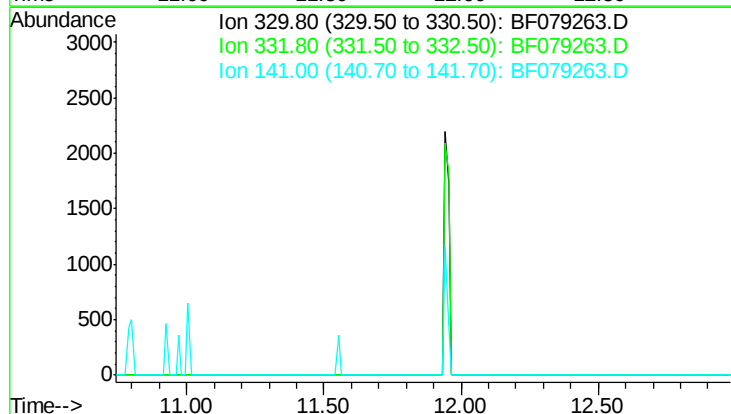
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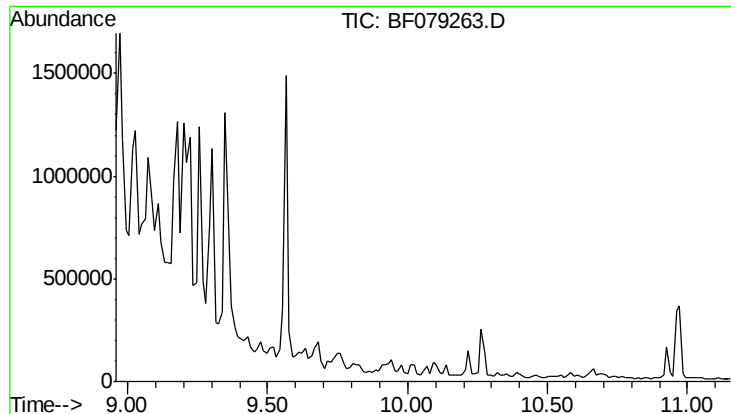
Tot Ion: 164
 Sig Exp Ratio
 164 100
 162 101.7
 160 45.7



#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 11.86 min
 Lab File: BF079263.D
 Acq: 15 May 2015 9:01

Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 96.1
 141 34.8

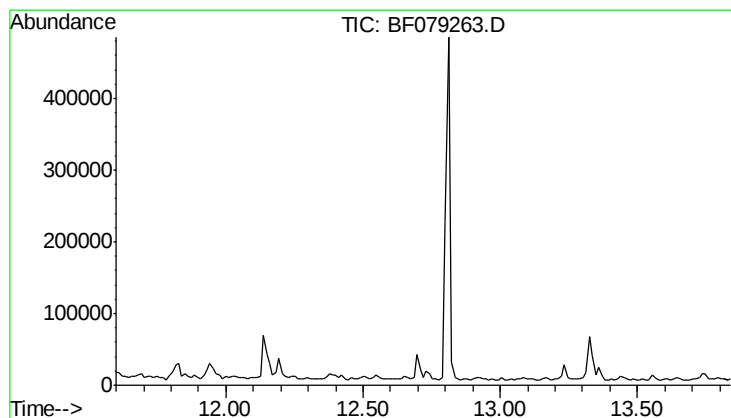
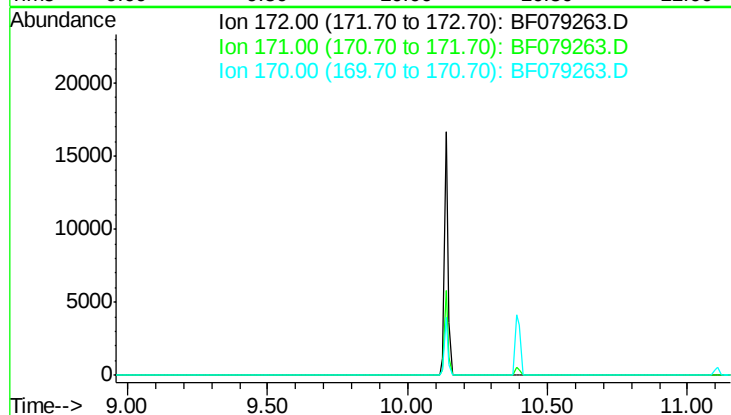




#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 10.06 min
 Lab File: BF079263.D
 Acq: 15 May 2015 9:01

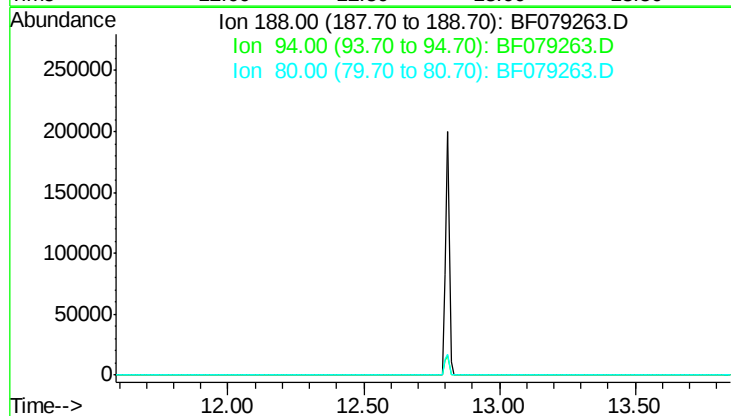
Instrument :
 BNA_F
 ClientSampleId :
 LAR9798

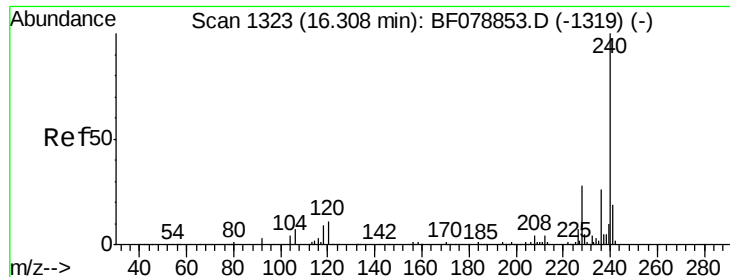
Tot Ion: 172
 Sig Exp Ratio
 172 100
 171 35.4
 170 24.3



#63
 Phenanthrene-d10
 Concen: 0.00 ng
 Expected RT: 12.72 min
 Lab File: BF079263.D
 Acq: 15 May 2015 9:01

Tgt Ion: 188
 Sig Exp Ratio
 188 100
 94 11.7
 80 12.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.11 min Scan# 1306

Delta R.T. 0.09 min

Lab File: BF079263.D

Acq: 15 May 2015 9:01

Instrument :

BNA_F

ClientSampleId :

LAR9798

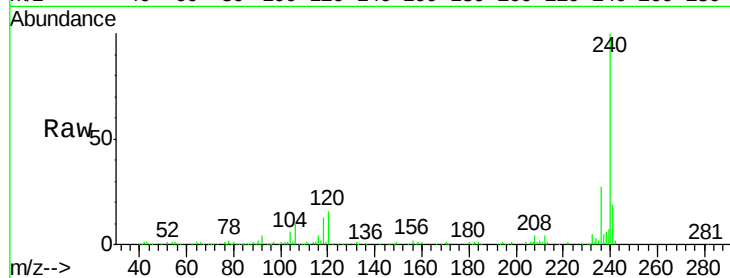
Tot Ion:240 Resp: 213079

Ion Ratio Lower Upper

240 100

120 15.7 8.6 12.8#

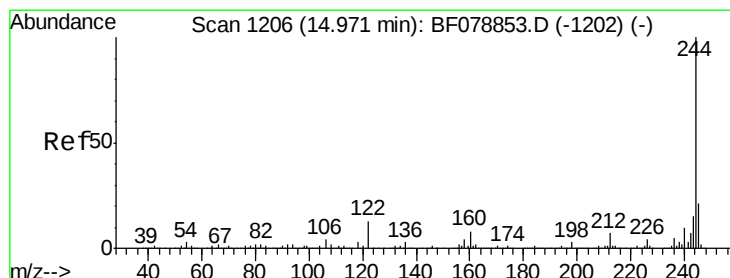
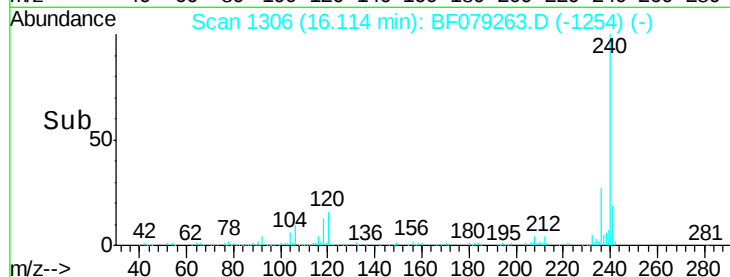
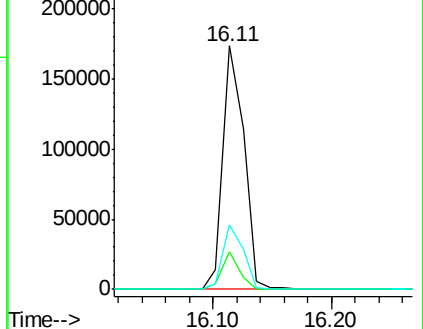
236 26.5 21.0 31.6



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: 2.04 ng

RT: 14.80 min Scan# 1191

Delta R.T. 0.08 min

Lab File: BF079263.D

Acq: 15 May 2015 9:01

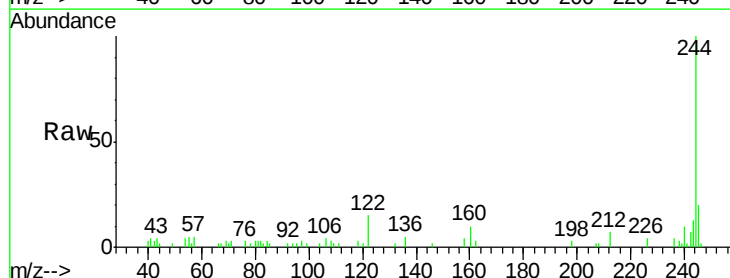
Tgt Ion:244 Resp: 18117

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

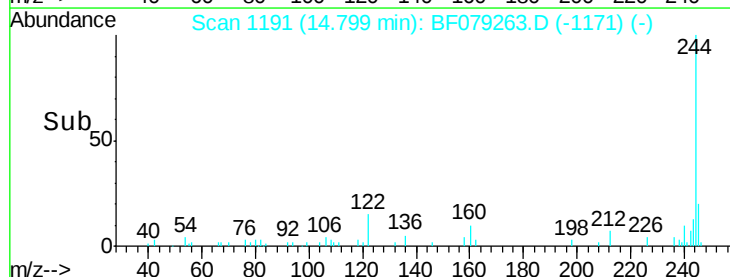
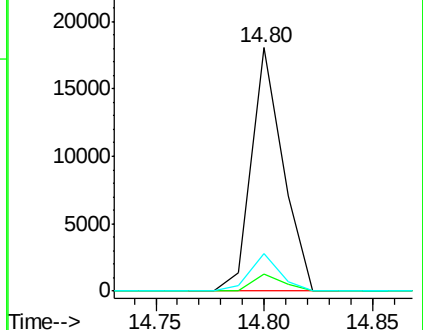
122 15.3 10.5 15.7

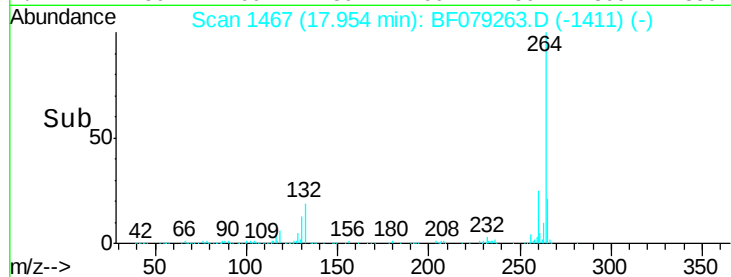
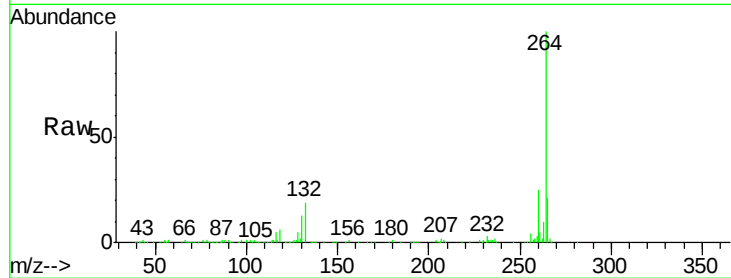
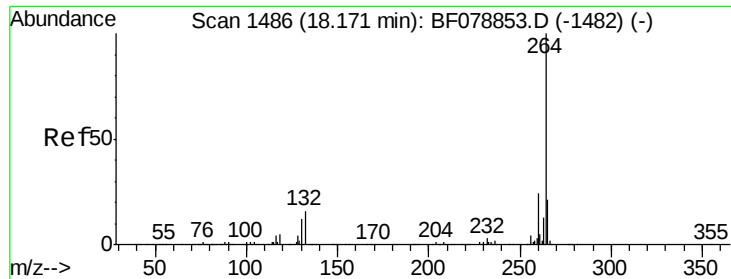


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 17.95 min Scan# 1467

Delta R.T. 0.14 min

Lab File: BF079263.D

Acq: 15 May 2015 9:01

Instrument :

BNA_F

ClientSampleId :

LAR9798

Tot Ion: 264 Resp: 231150

Ion Ratio Lower Upper

264 100

260 24.9 19.2 28.8

265 21.2 17.2 25.8

