

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
 Data File : BF079123.D
 Acq On : 11 May 2015 18:43
 Operator : TP/IZ
 Sample : G2140-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAR9795

Quant Time: May 12 16:16:34 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 15:22:07 2015
 Response via : Initial Calibration

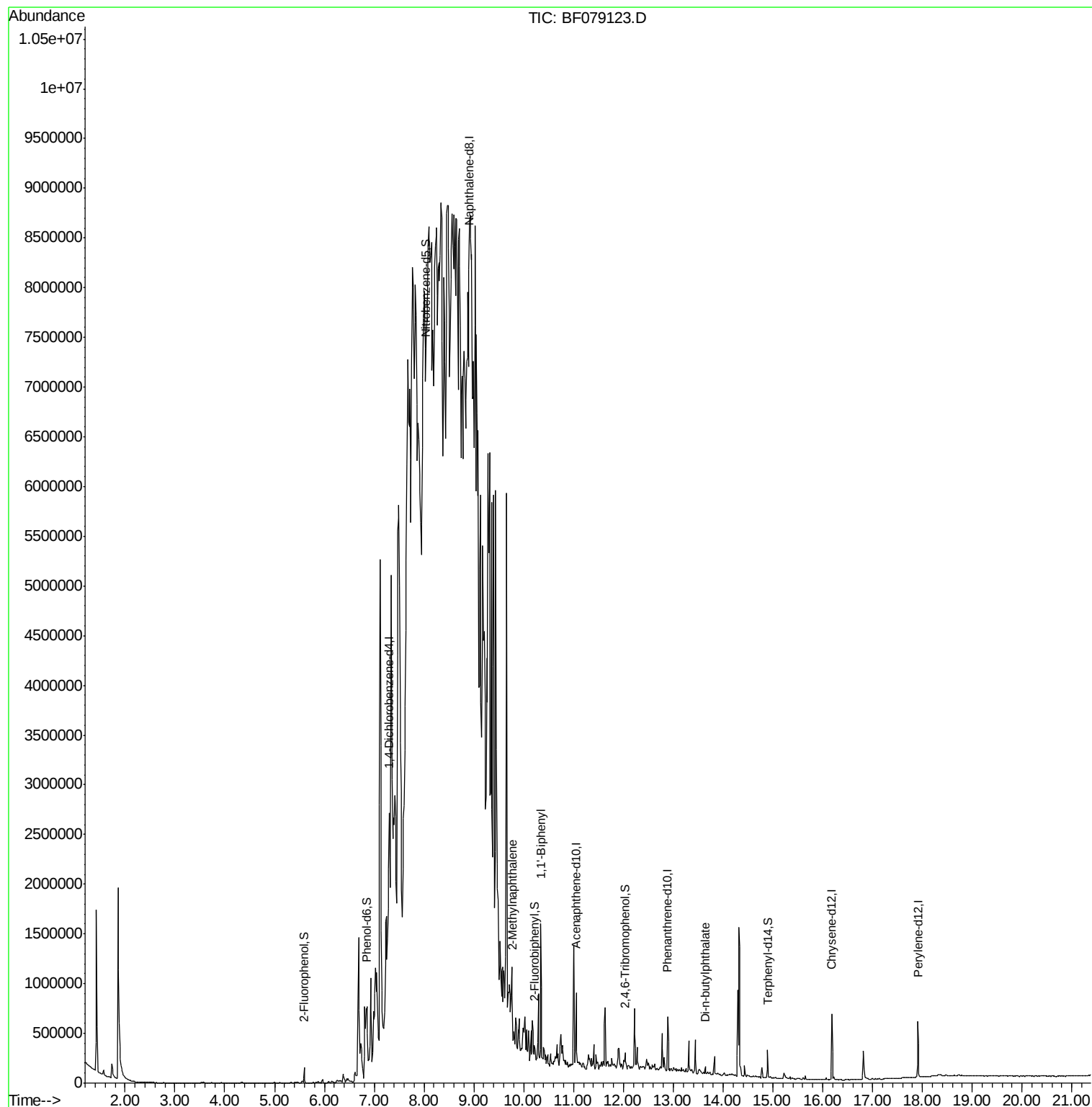
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	57419	20.00	ng	0.00
21) Naphthalene-d8	8.90	136	124207	20.00	ng	0.02
38) Acenaphthene-d10	11.05	164	129702	20.00	ng	0.00
63) Phenanthrene-d10	12.89	188	236230	20.00	ng	0.00
75) Chrysene-d12	16.18	240	260709	20.00	ng	-0.01
86) Perylene-d12	17.91	264	271189	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	49068	14.71	ng	0.00
7) Phenol-d6	6.86	99	88791	20.14	ng	0.00
23) Nitrobenzene-d5	8.03	82	54682	25.30	ng	0.05
41) 2,4,6-Tribromophenol	12.03	330	17391	12.39	ng	0.00
44) 2-Fluorobiphenyl	10.22	172	76792	8.25	ng	0.00
78) Terphenyl-d14	14.89	244	99381	9.13	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	9.77	142	57244	13.96	ng	98
45) 1,1'-Biphenyl	10.34	154	24832	2.41	ng	97
73) Di-n-butylphthalate	13.65	149	31336	2.11	ng	99

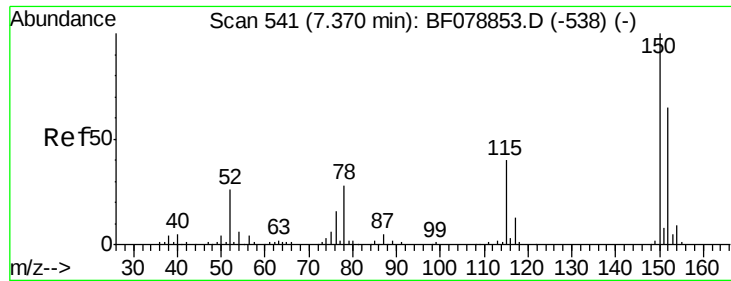
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079123.D
Acq On : 11 May 2015 18:43
Operator : TP/IZ
Sample : G2140-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAR9795

Quant Time: May 12 16:16:34 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 12 15:22:07 2015
Response via : Initial Calibration



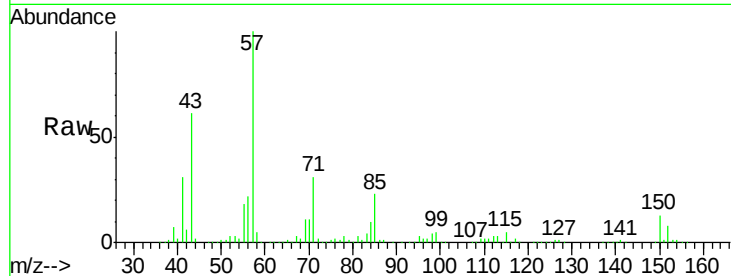


#1

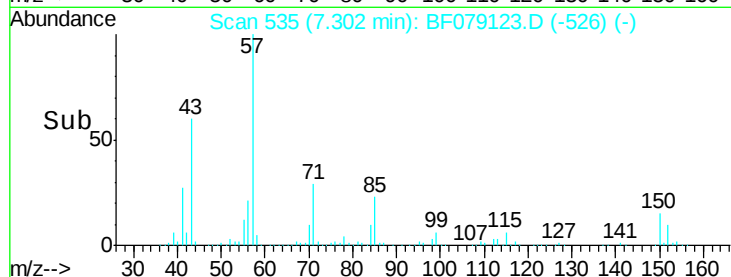
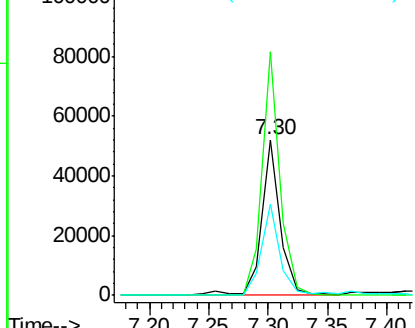
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF079123.D
Acq: 11 May 2015 18:43

Instrument :
BNA_F
ClientSampled :
LAR9795

Tot Ion:152 Resp: 57419
Ion Ratio Lower Upper
152 100
150 156.8 122.0 183.0
115 58.4 46.3 69.5



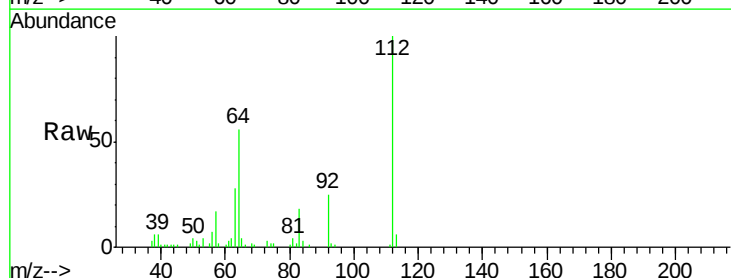
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



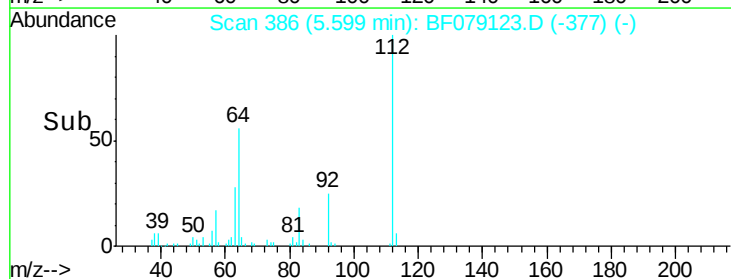
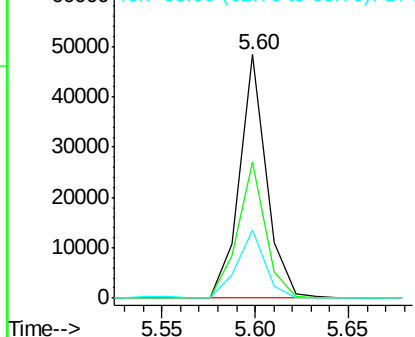
#5

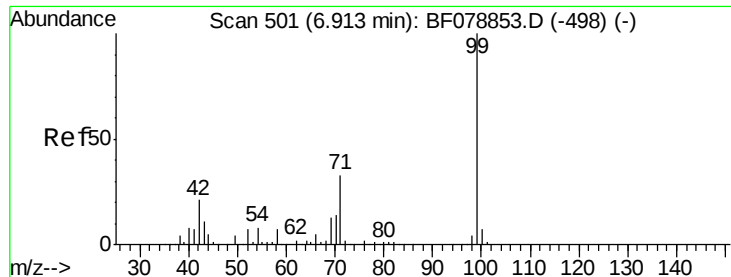
2-Fluorophenol
Concen: 14.71 ng
RT: 5.60 min Scan# 386
Delta R.T. -0.00 min
Lab File: BF079123.D
Acq: 11 May 2015 18:43

Tgt Ion:112 Resp: 49068
Ion Ratio Lower Upper
112 100
64 56.0 53.5 80.3
63 28.1 27.5 41.3



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: 20.14 ng

RT: 6.86 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF079123.D

Acq: 11 May 2015 18:43

Instrument :

BNA_F

ClientSampled :

LAR9795

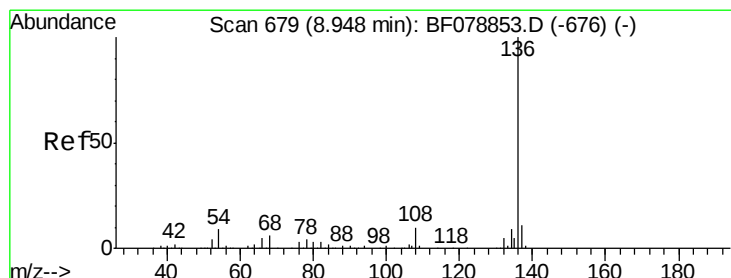
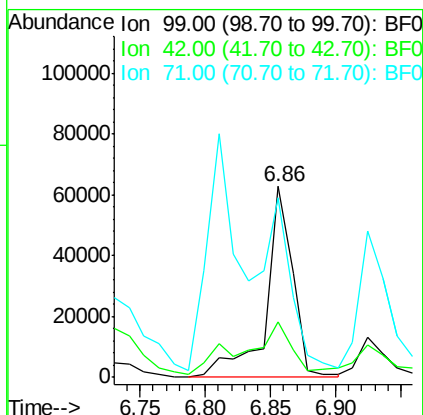
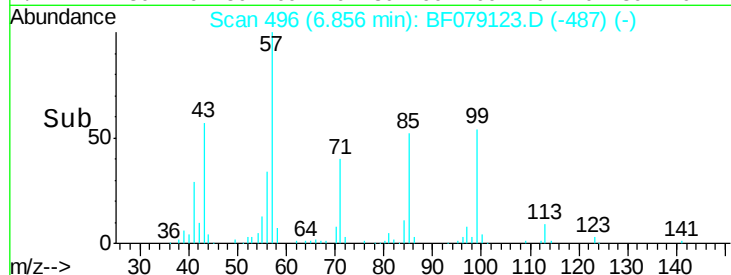
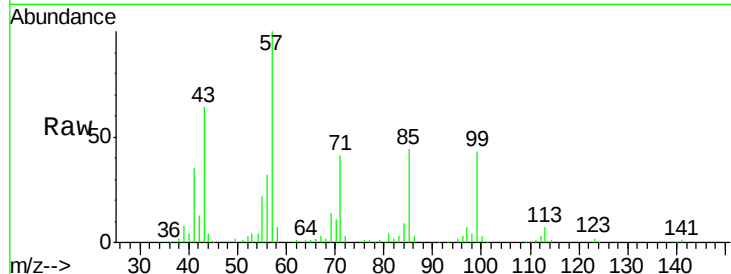
Tot Ion: 99 Resp: 88791

Ion Ratio Lower Upper

99 100

42 29.3 12.8 19.2#

71 94.0 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.90 min Scan# 675

Delta R.T. 0.02 min

Lab File: BF079123.D

Acq: 11 May 2015 18:43

Tgt Ion: 136 Resp: 124207

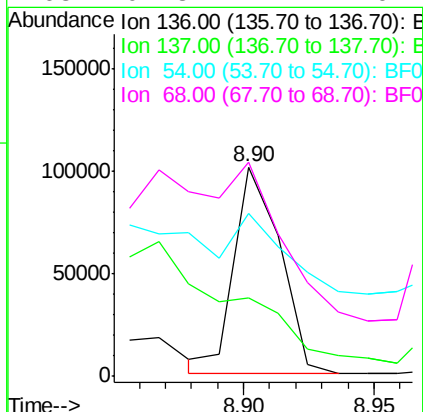
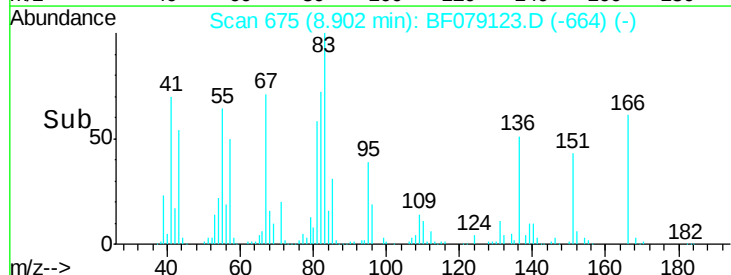
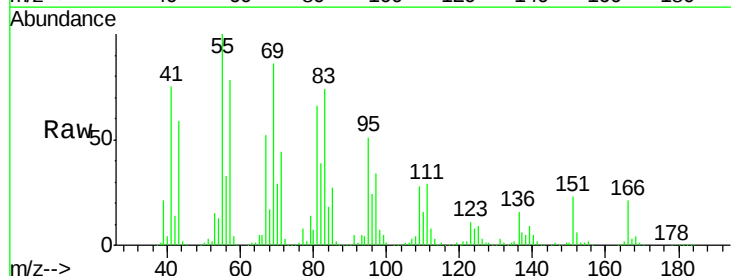
Ion Ratio Lower Upper

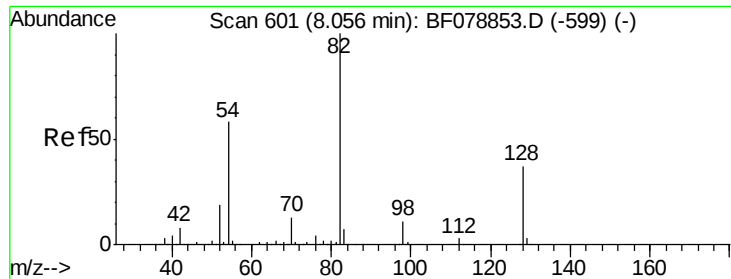
136 100

137 37.5 8.7 13.1#

54 78.0 5.8 8.8#

68 102.3 4.2 6.4#

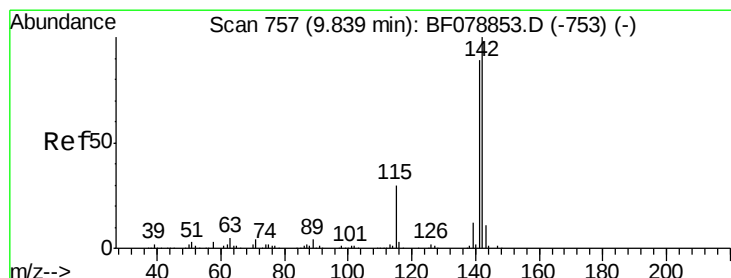
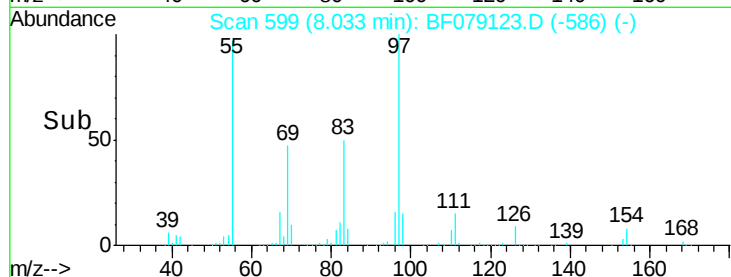
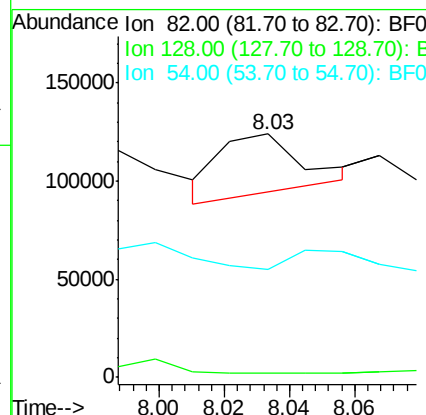
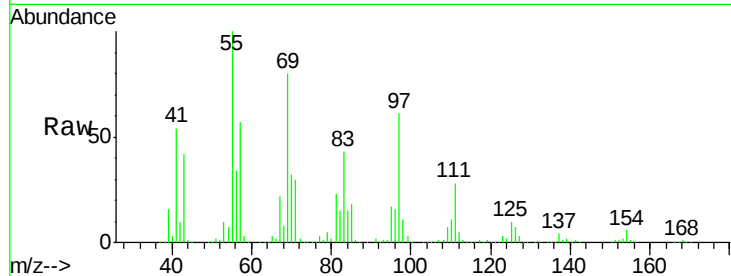




#23
Nitrobenzene-d5
Concen: 25.30 ng
RT: 8.03 min Scan# 599
Delta R.T. 0.05 min
Lab File: BF079123.D
Acq: 11 May 2015 18:43

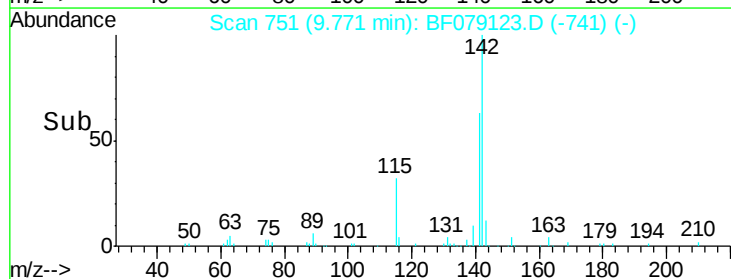
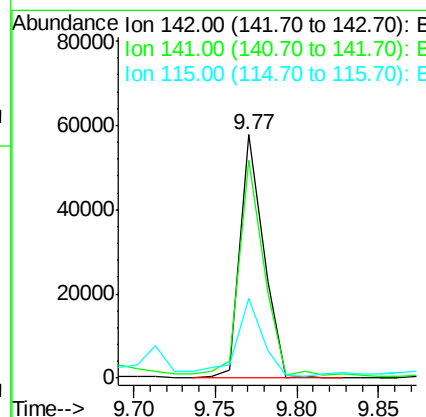
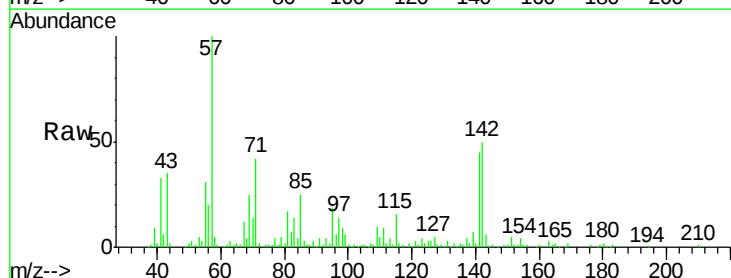
Instrument :
BNA_F
ClientSampleId :
LAR9795

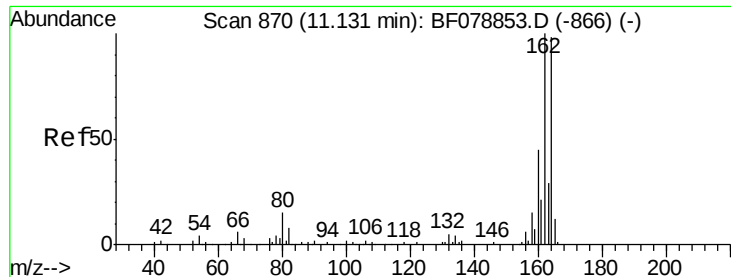
Tot Ion: 82 Resp: 54682
Ion Ratio Lower Upper
82 100
128 1.9 30.0 45.0#
54 44.1 46.4 69.6#



#37
2-Methylnaphthalene
Concen: 13.96 ng
RT: 9.77 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF079123.D
Acq: 11 May 2015 18:43

Tgt Ion: 142 Resp: 57244
Ion Ratio Lower Upper
142 100
141 89.7 70.9 106.3
115 32.8 28.5 42.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.05 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF079123.D

Acq: 11 May 2015 18:43

Instrument :

BNA_F

ClientSampleId :

LAR9795

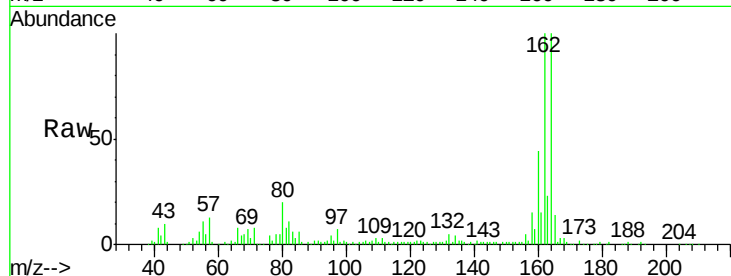
Tot Ion:164 Resp: 129702

Ion Ratio Lower Upper

164 100

162 100.1 82.7 124.1

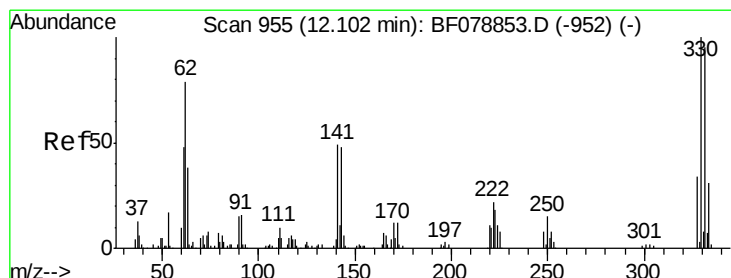
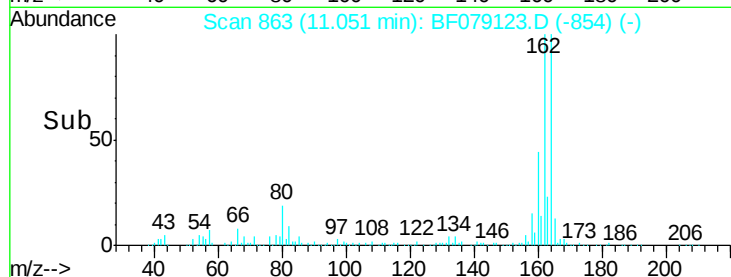
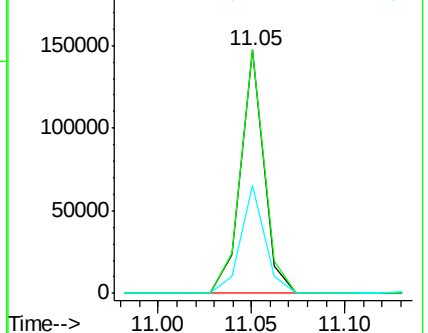
160 44.4 35.8 53.8



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: 12.39 ng

RT: 12.03 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF079123.D

Acq: 11 May 2015 18:43

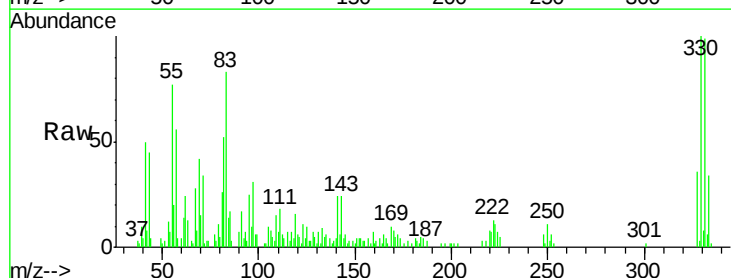
Tgt Ion:330 Resp: 17391

Ion Ratio Lower Upper

330 100

332 96.7 0.0 0.0#

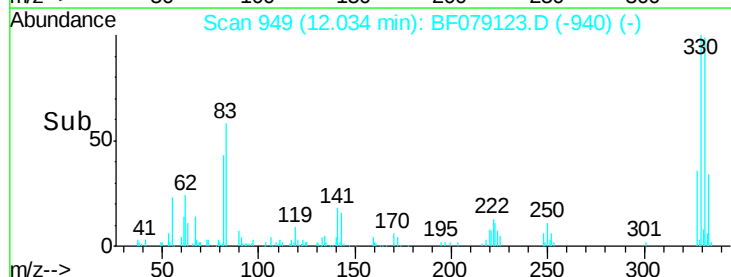
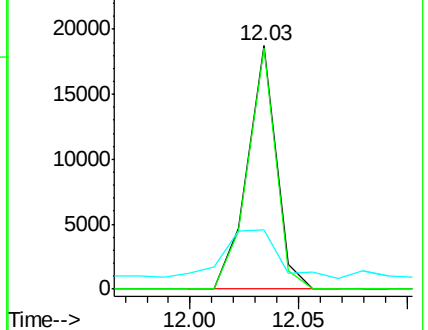
141 36.8 0.0 0.0#

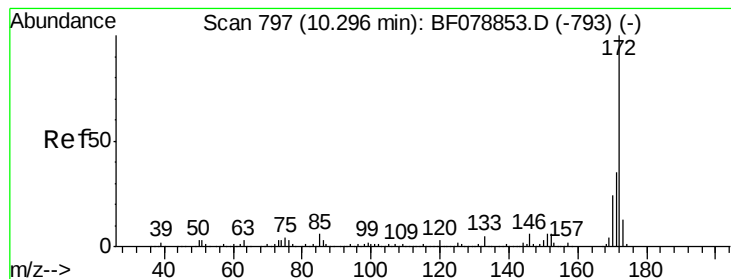


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 8.25 ng

RT: 10.22 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF079123.D

Acq: 11 May 2015 18:43

Instrument :

BNA_F

ClientSampleId :

LAR9795

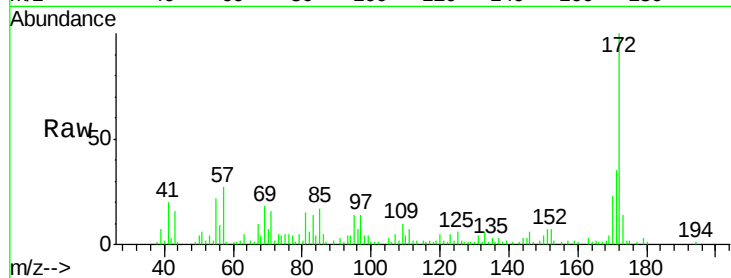
Tot Ion:172 Resp: 76792

Ion Ratio Lower Upper

172 100

171 34.9 27.9 41.9

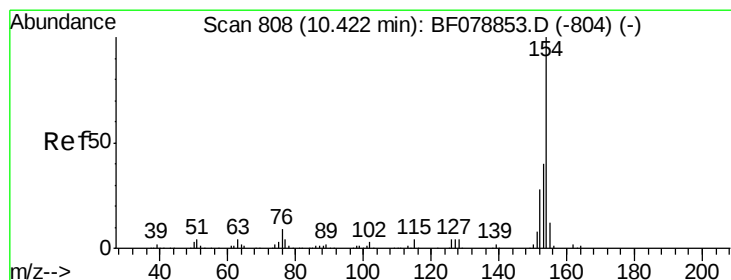
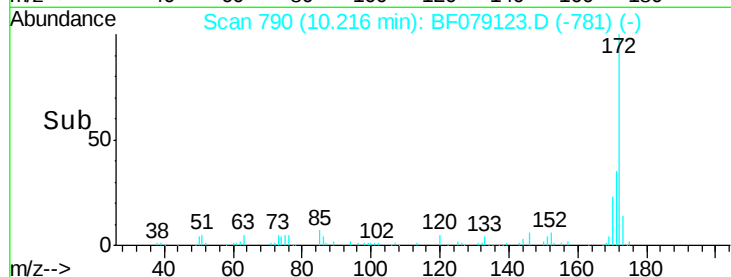
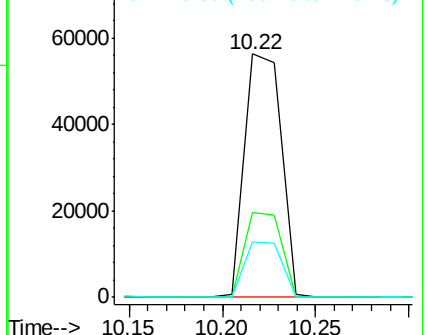
170 22.6 19.4 29.0



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



#45

1,1'-Biphenyl

Concen: 2.41 ng

RT: 10.34 min Scan# 801

Delta R.T. -0.00 min

Lab File: BF079123.D

Acq: 11 May 2015 18:43

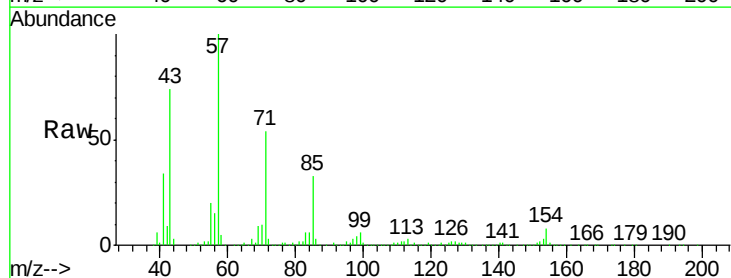
Tgt Ion:154 Resp: 24832

Ion Ratio Lower Upper

154 100

153 37.7 19.9 59.9

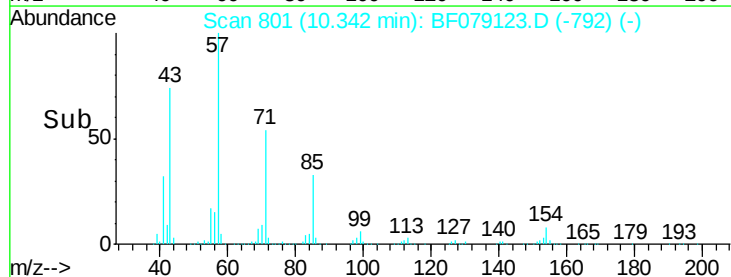
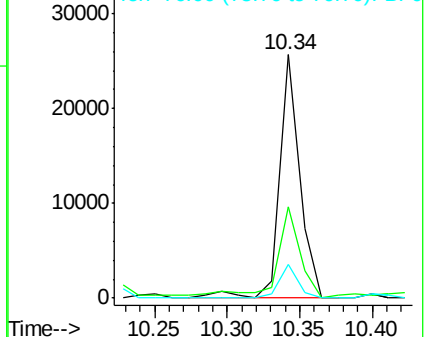
76 13.7 0.0 35.0

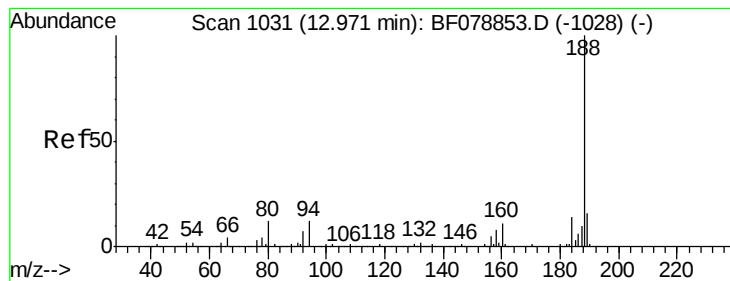


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.89 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF079123.D

Acq: 11 May 2015 18:43

Instrument :

BNA_F

ClientSampled :

LAR9795

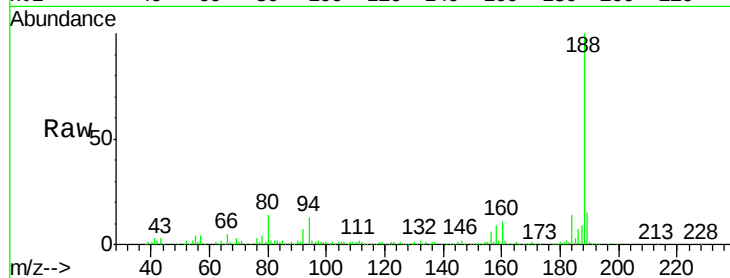
Tot Ion:188 Resp: 236230

Ion Ratio Lower Upper

188 100

94 13.3 8.2 12.2#

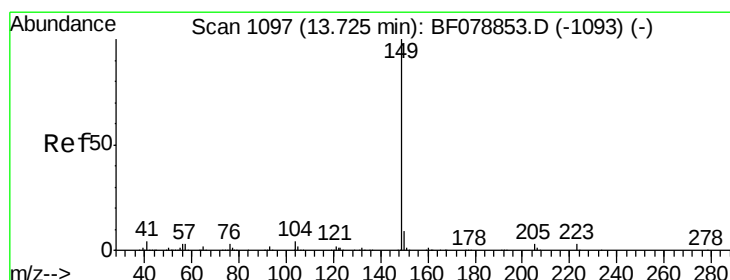
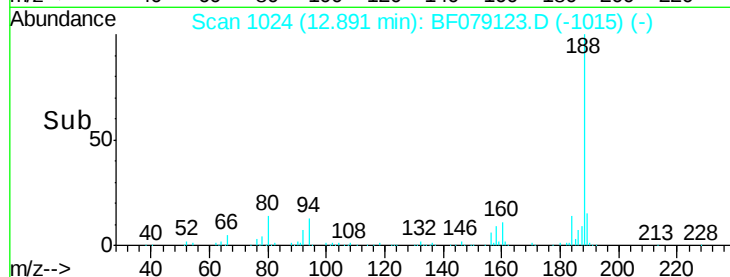
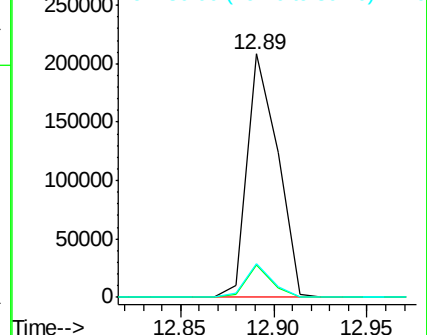
80 13.9 8.9 13.3#



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



#73

Di-n-butylphthalate

Concen: 2.11 ng

RT: 13.65 min Scan# 1090

Delta R.T. -0.00 min

Lab File: BF079123.D

Acq: 11 May 2015 18:43

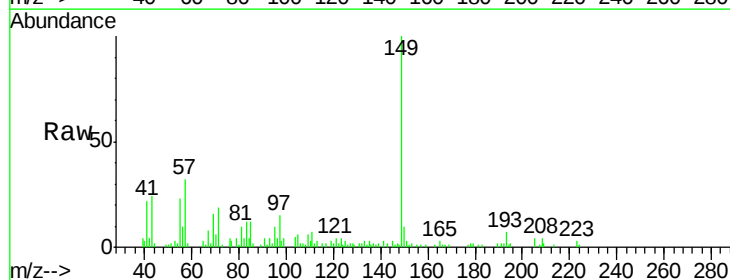
Tgt Ion:149 Resp: 31336

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

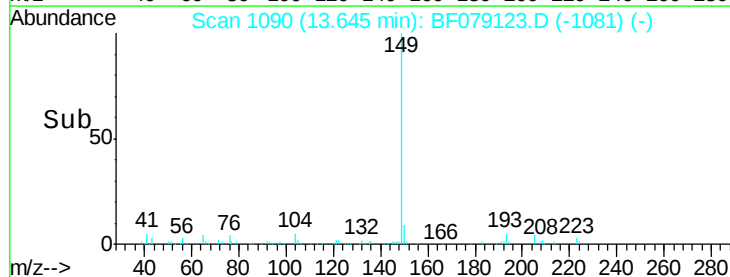
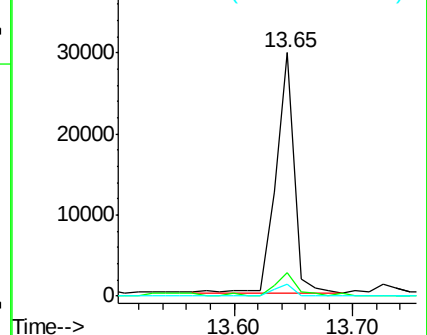
104 5.1 4.6 7.0

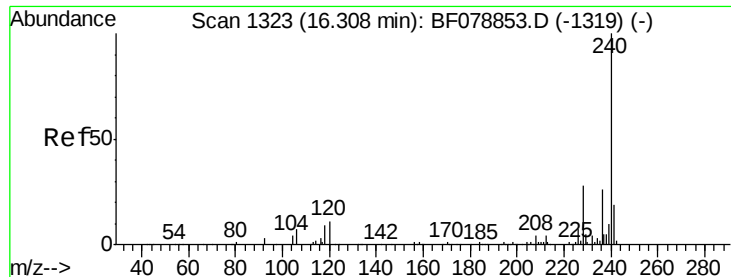


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.18 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF079123.D

Acq: 11 May 2015 18:43

Instrument :

BNA_F

ClientSampleId :

LAR9795

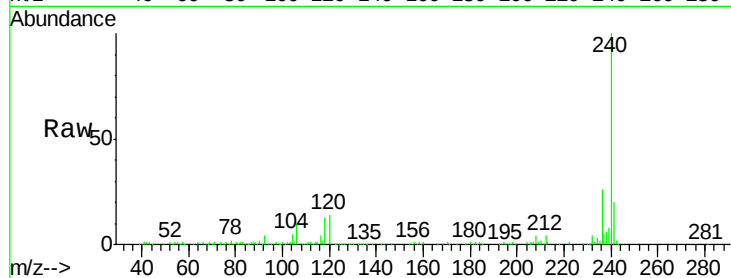
Tot Ion:240 Resp: 260709

Ion Ratio Lower Upper

240 100

120 14.3 9.7 14.5

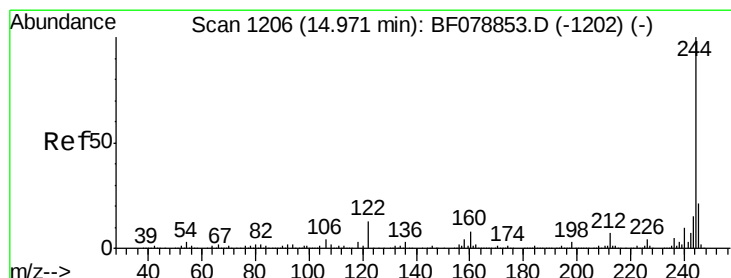
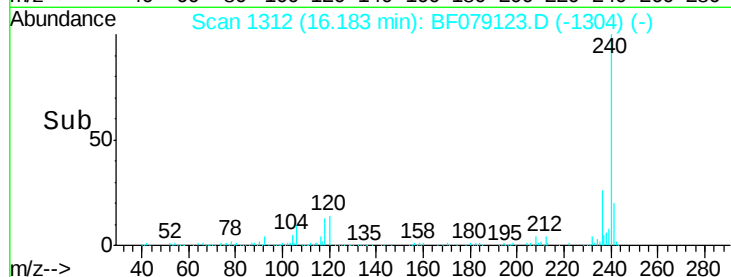
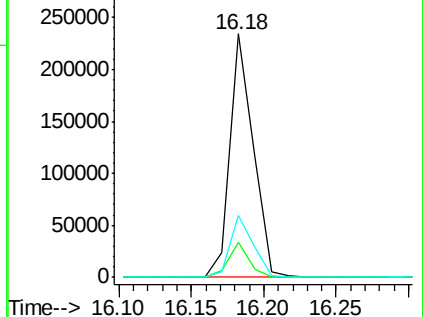
236 25.6 20.2 30.4



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: 9.13 ng

RT: 14.89 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BF079123.D

Acq: 11 May 2015 18:43

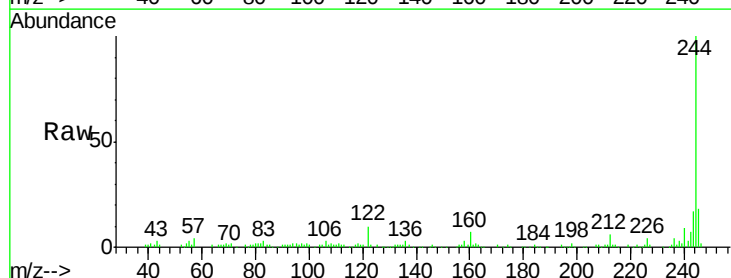
Tgt Ion:244 Resp: 99381

Ion Ratio Lower Upper

244 100

212 6.3 5.6 8.4

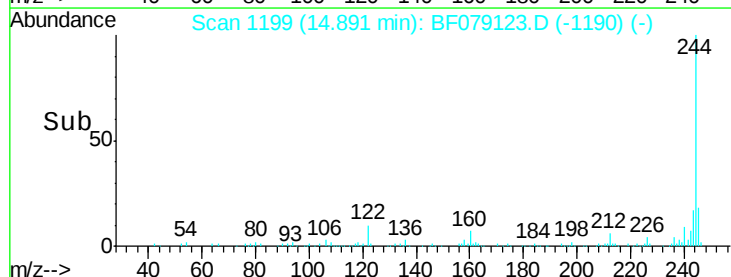
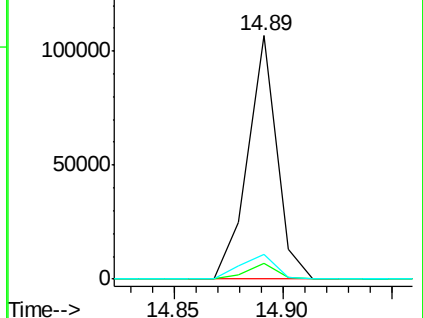
122 10.1 10.3 15.5#

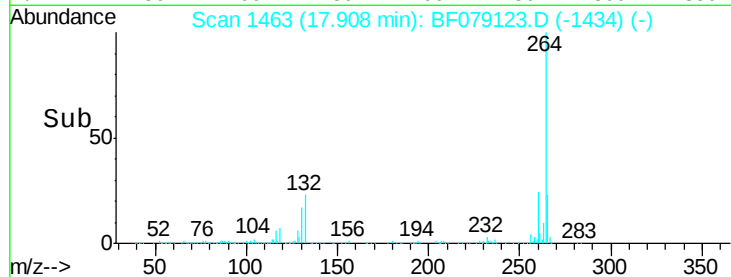
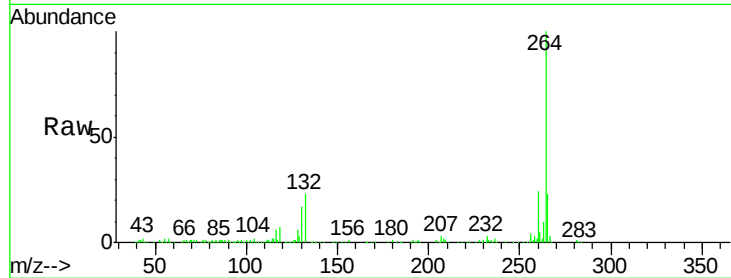
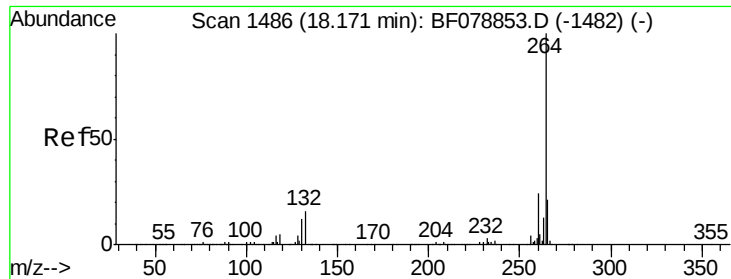


Abundance Ion 244.00 (243.70 to 244.70): E

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: 17.91 min Scan# 1463
Delta R.T. 0.03 min
Lab File: BF079123.D
Acq: 11 May 2015 18:43

Instrument :
BNA_F
ClientSampleId :
LAR9795

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	22.6	18.3	27.5

