

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
 Data File : BF097808.D
 Acq On : 18 Aug 2017 1:37
 Operator : SJ/JU
 Sample : I4761-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RUSB-03

Quant Time: Aug 18 04:26:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

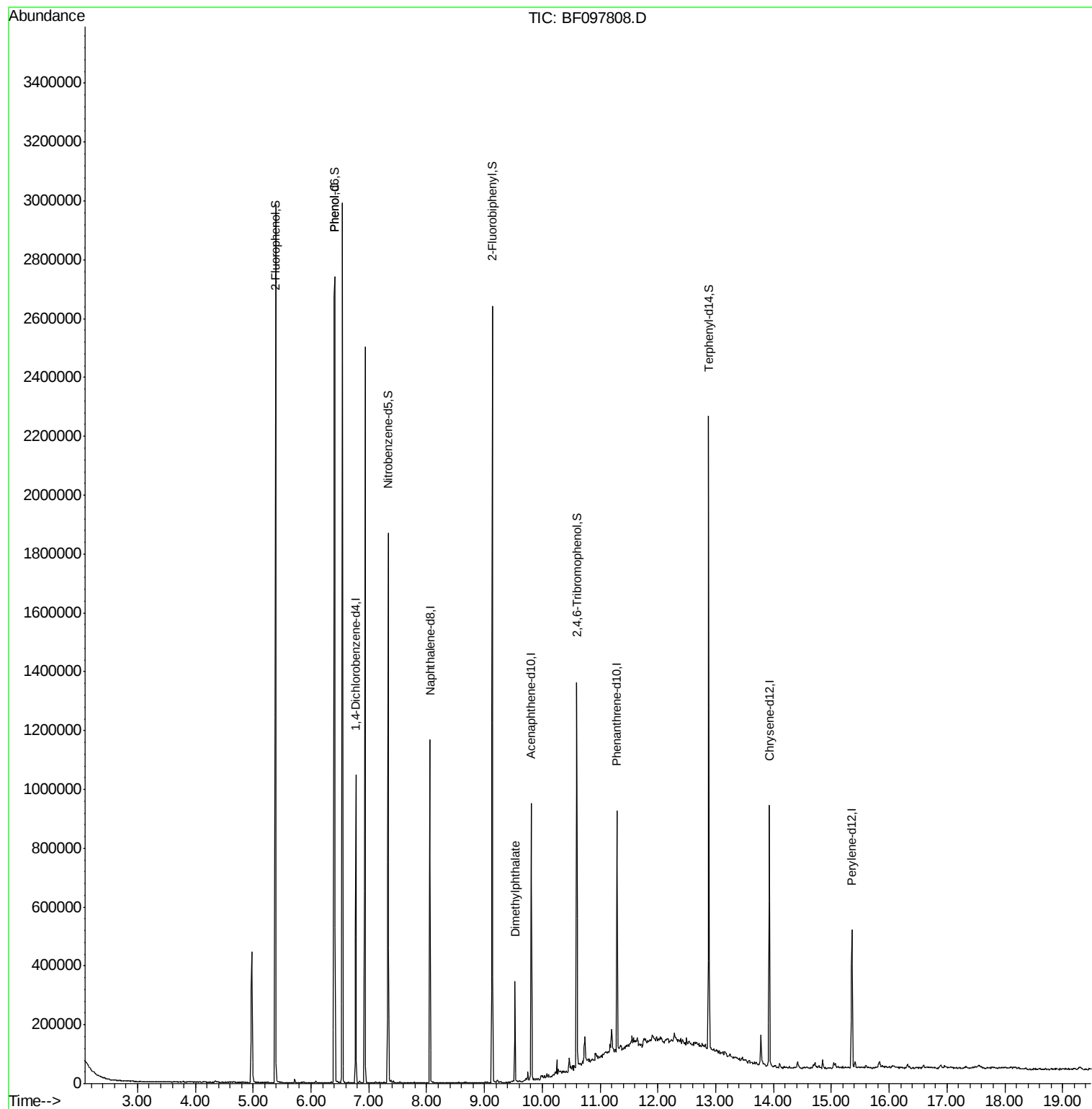
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	125598	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	448176	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	162705	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	265317	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	272439	20.00	ng	-0.01
86) Perylene-d12	15.36	264	192710	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	831979	100.76	ng	0.00
7) Phenol-d6	6.41	99	1099773	98.03	ng	0.00
23) Nitrobenzene-d5	7.34	82	634872	76.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	122839	87.01	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	820180	74.06	ng	-0.01
78) Terphenyl-d14	12.88	244	616365	47.18	ng	-0.01
Target Compounds						
10) Phenol	6.42	94	37427	2.852	ng	97
49) Dimethylphthalate	9.53	163	104646	8.799	ng	99

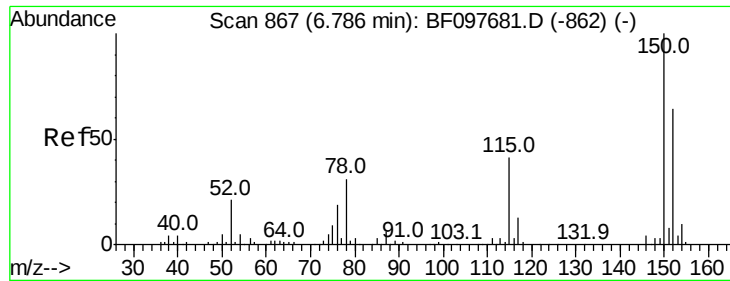
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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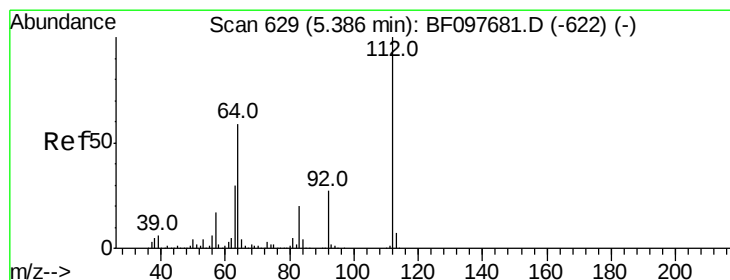
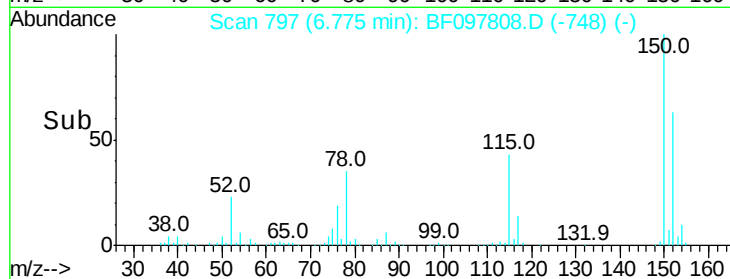
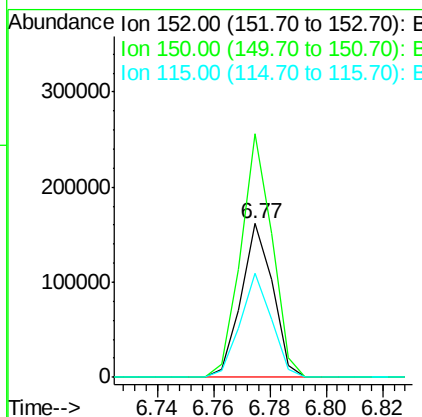
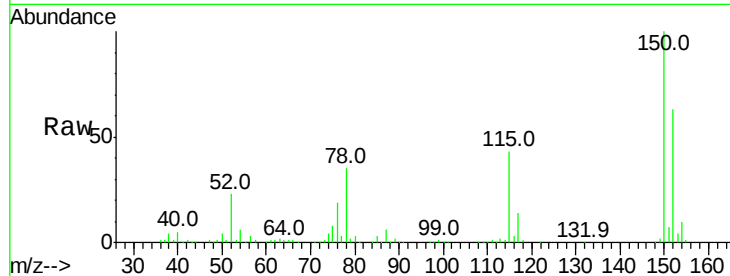


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF097808.D
 Acq: 18 Aug 2017 1:37

Instrument :
 BNA_F
 ClientSampleId :
 RUSB-03

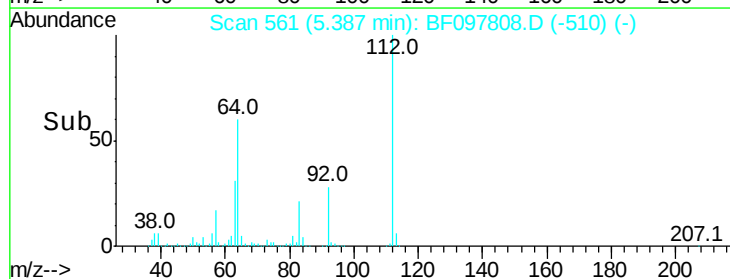
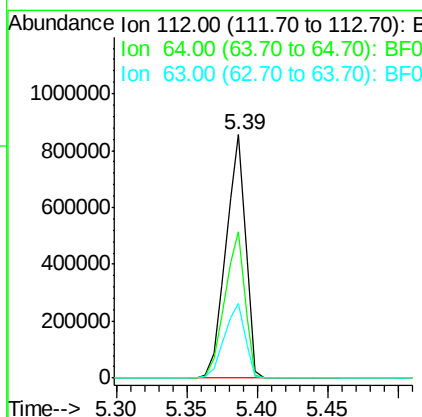
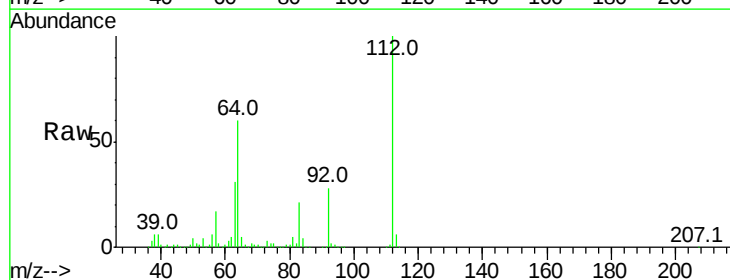
Tot Ion:152 Resp: 125598
 Ion Ratio Lower Upper
 152 100
 150 158.1 126.2 189.2
 115 68.0 52.2 78.2

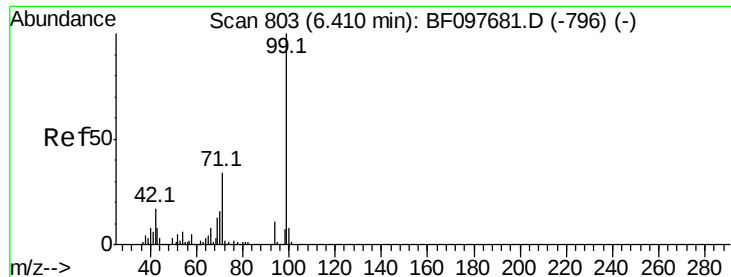


#5

2-Fluorophenol
 Concen: 100.758 ng
 RT: 5.39 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: BF097808.D
 Acq: 18 Aug 2017 1:37

Tgt Ion:112 Resp: 831979
 Ion Ratio Lower Upper
 112 100
 64 60.0 46.0 69.0
 63 30.6 23.4 35.0





#7

Phenol-d6

Concen: 98.026 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097808.D

Acq: 18 Aug 2017 1:37

Instrument :

BNA_F

ClientSampleId :

RUSB-03

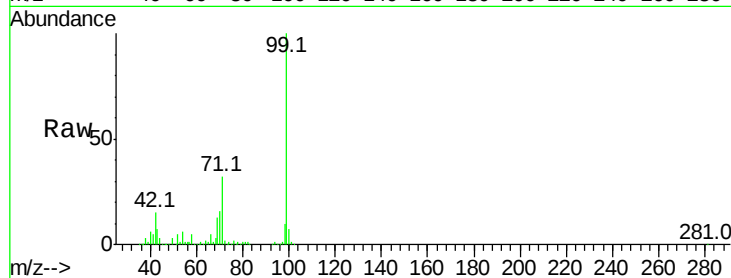
Tot Ion: 99 Resp: 1099773

Ion Ratio Lower Upper

99 100

42 14.8 13.5 20.3

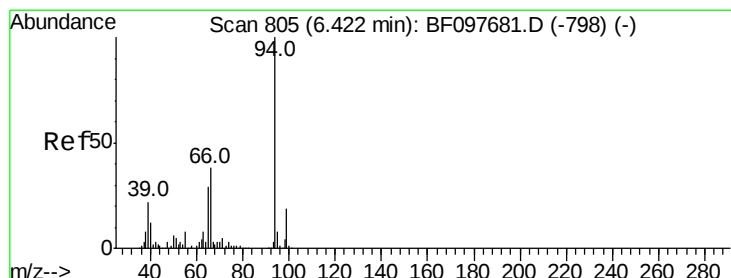
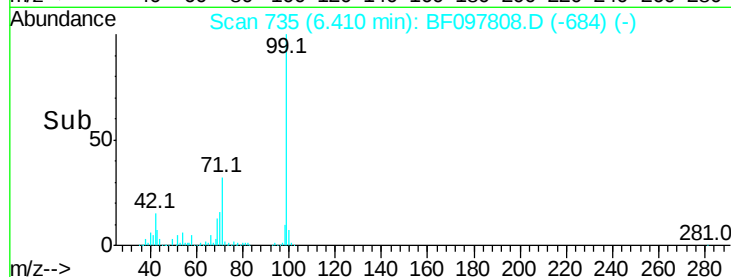
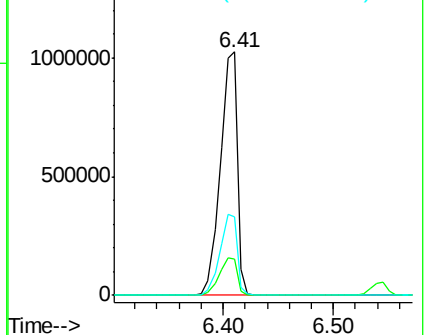
71 32.2 24.5 36.7



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



#10

Phenol

Concen: 2.852 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF097808.D

Acq: 18 Aug 2017 1:37

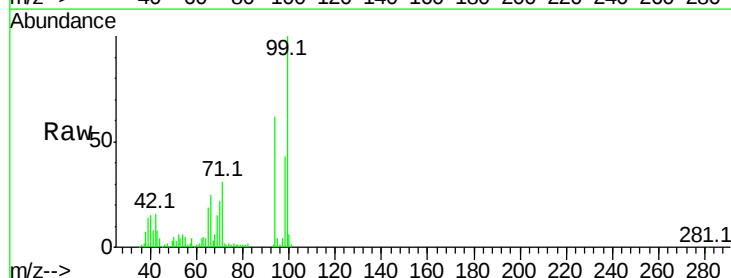
Tgt Ion: 94 Resp: 37427

Ion Ratio Lower Upper

94 100

65 30.4 9.9 49.9

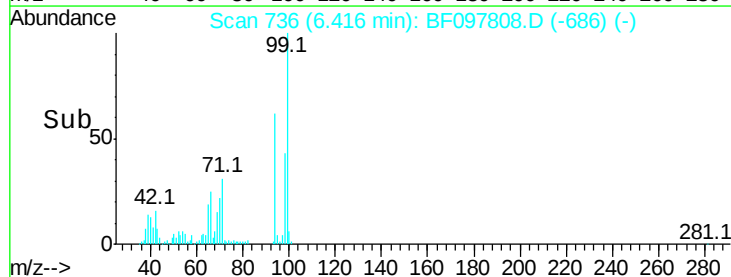
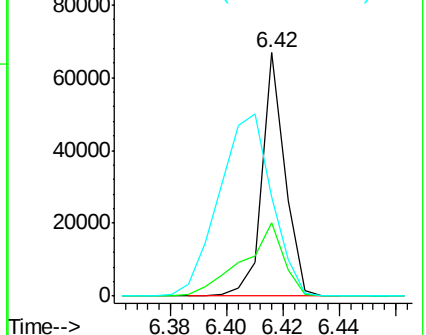
66 40.6 23.1 63.1

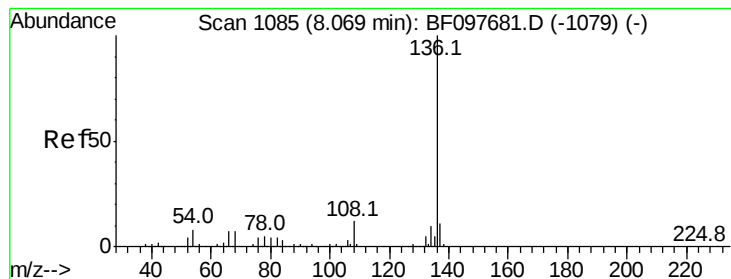


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF097808.D

Acq: 18 Aug 2017 1:37

Instrument :

BNA_F

ClientSampleId :

RUSB-03

Tot Ion:136 Resp: 448176

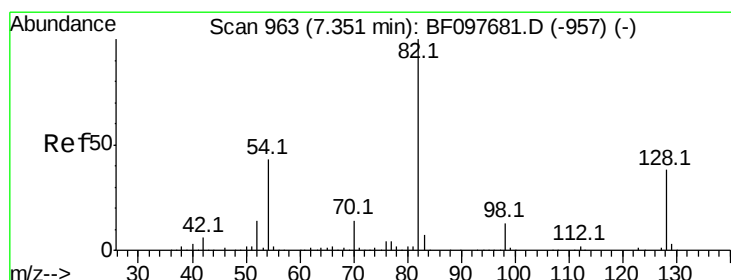
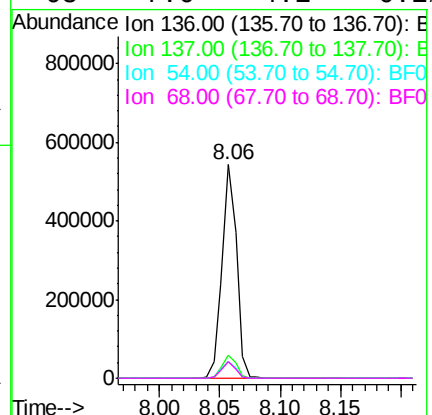
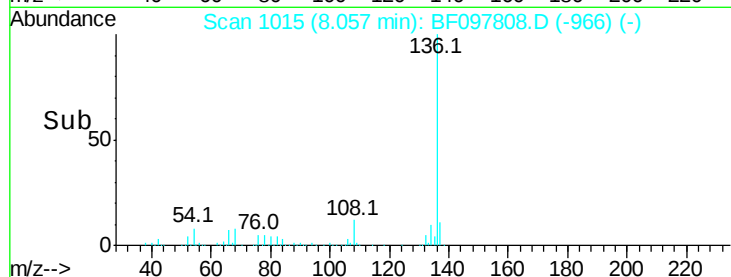
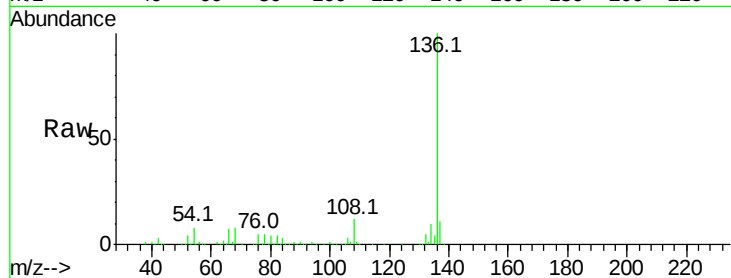
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 8.1 4.9 7.3#

68 7.6 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 76.955 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF097808.D

Acq: 18 Aug 2017 1:37

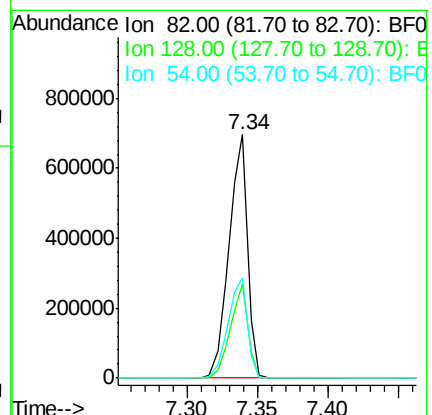
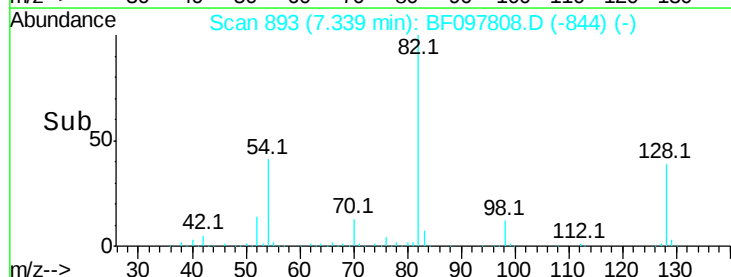
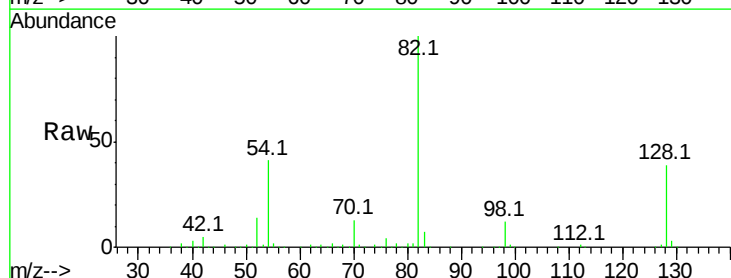
Tgt Ion: 82 Resp: 634872

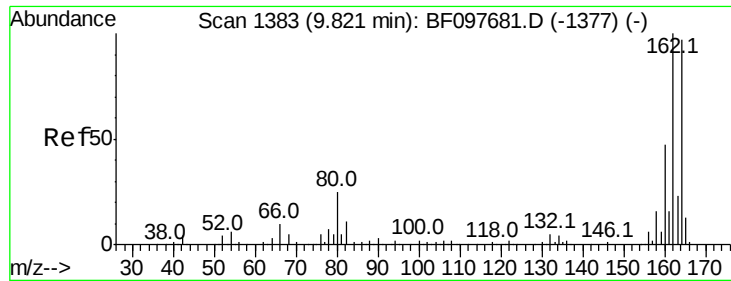
Ion Ratio Lower Upper

82 100

128 38.7 34.0 51.0

54 41.1 42.2 63.2#

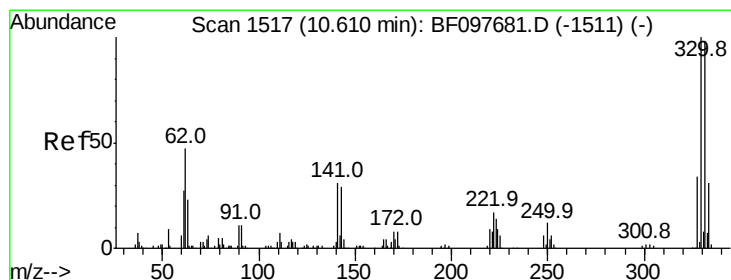
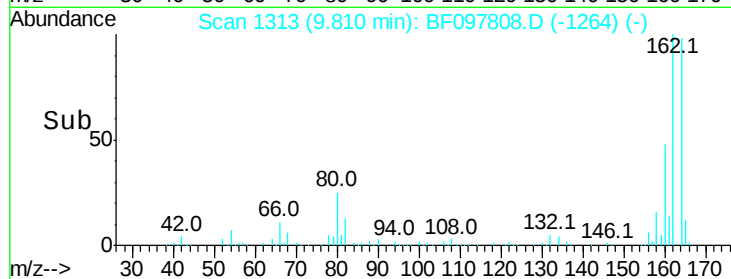
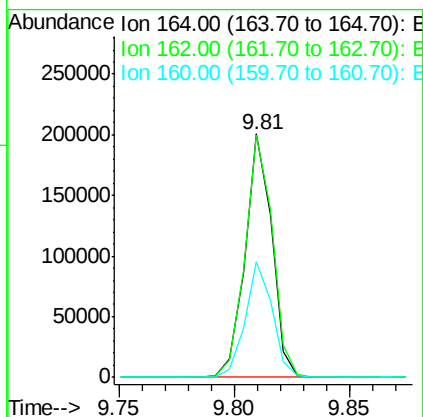
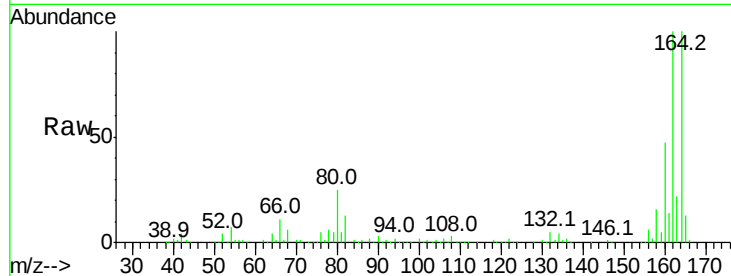




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF097808.D
Acq: 18 Aug 2017 1:37

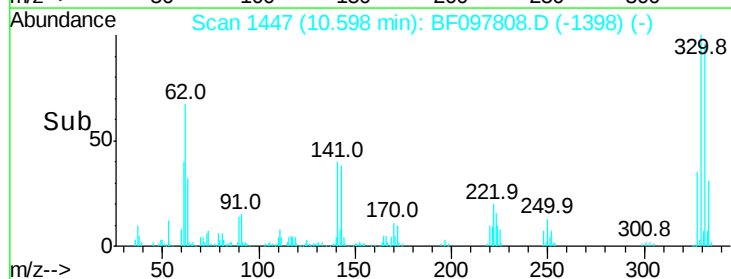
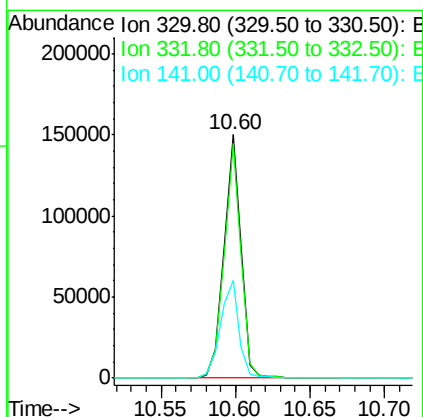
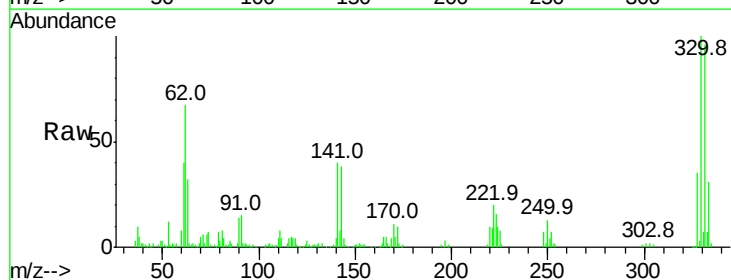
Instrument :
BNA_F
ClientSampled :
RUSB-03

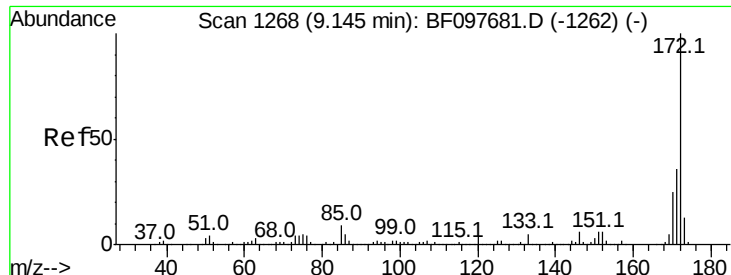
Tot Ion:164 Resp: 162705
Ion Ratio Lower Upper
164 100
162 99.6 82.6 123.8
160 47.4 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 87.013 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF097808.D
Acq: 18 Aug 2017 1:37

Tgt Ion:330 Resp: 122839
Ion Ratio Lower Upper
330 100
332 95.1 76.6 115.0
141 43.4 31.4 47.2

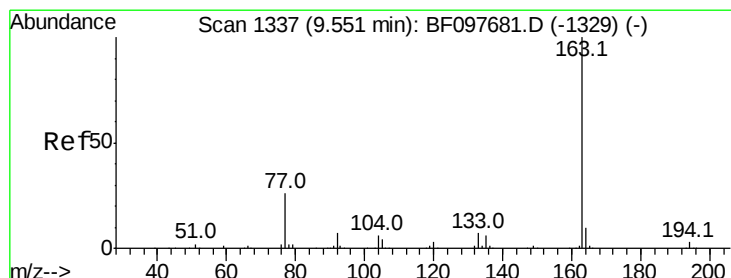
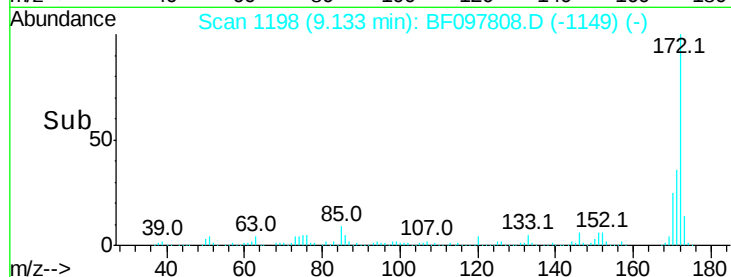
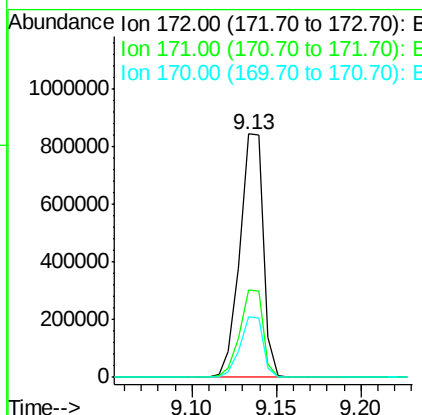
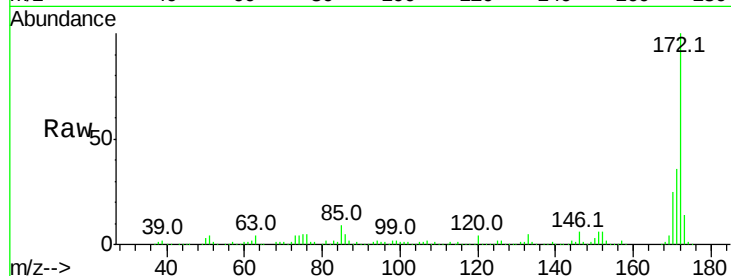




#44
2-Fluorobiphenyl
Concen: 74.061 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BF097808.D
Acq: 18 Aug 2017 1:37

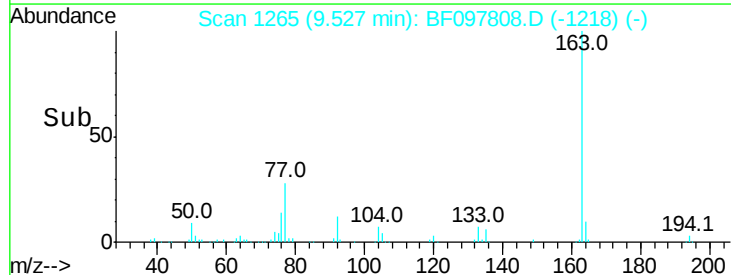
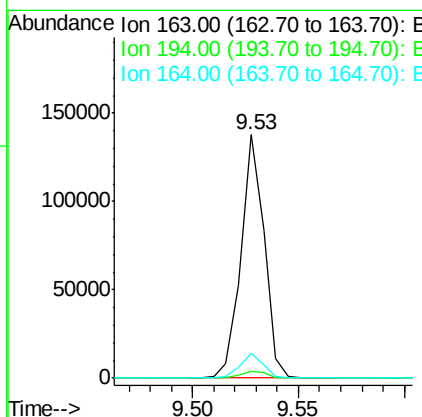
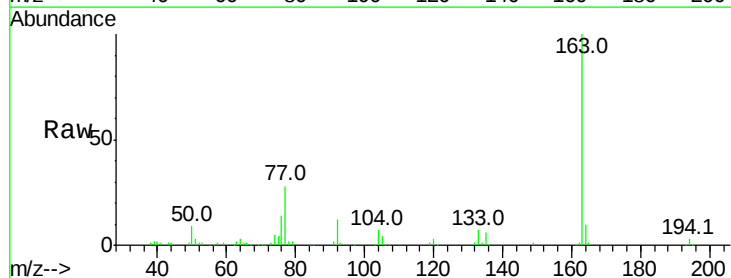
Instrument :
BNA_F
ClientSampleId :
RUSB-03

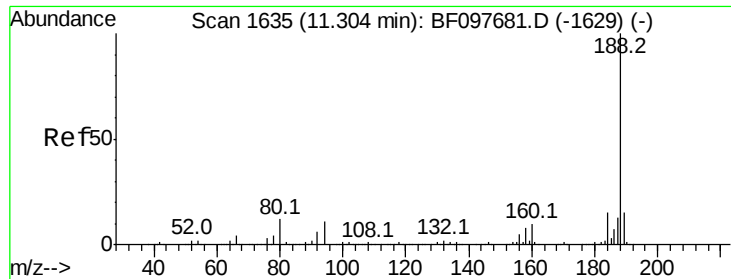
Tot Ion:172 Resp: 820180
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 24.8 19.8 29.8



#49
Dimethylphthalate
Concen: 8.799 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF097808.D
Acq: 18 Aug 2017 1:37

Tgt Ion:163 Resp: 104646
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.3 8.4 12.6

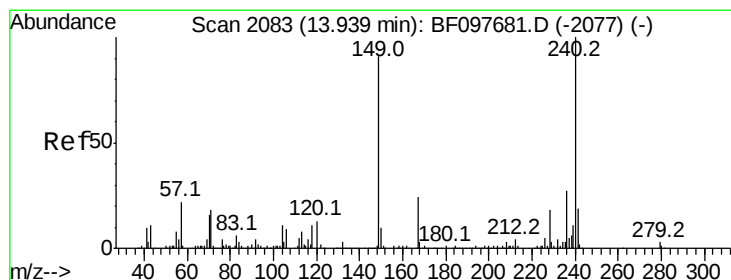
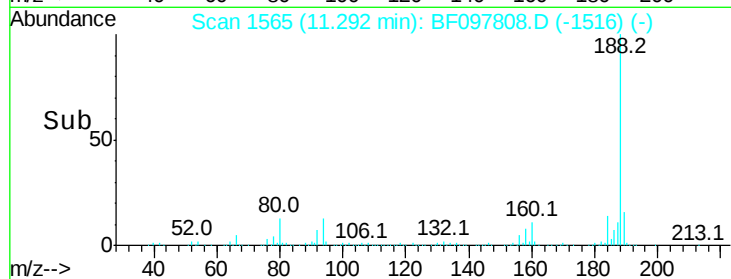
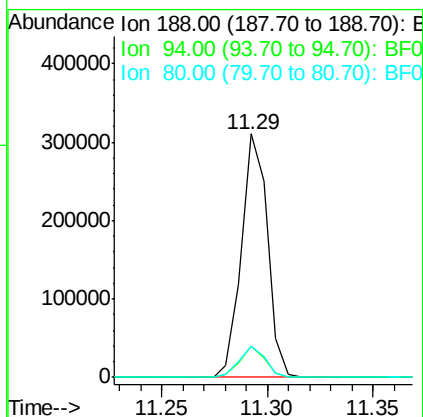
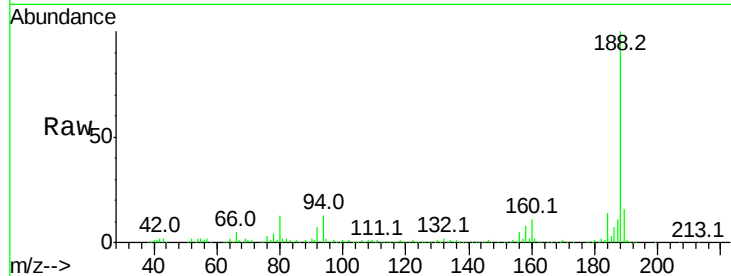




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF097808.D
Acq: 18 Aug 2017 1:37

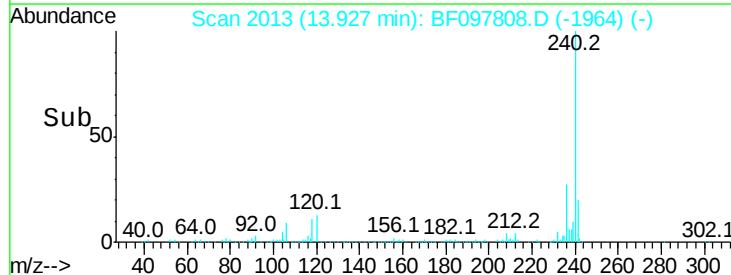
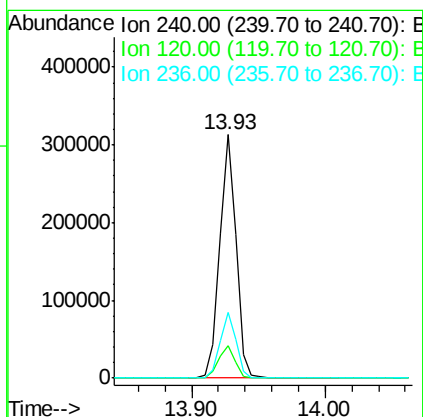
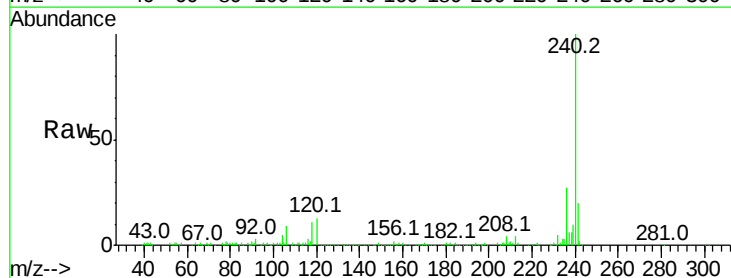
Instrument :
BNA_F
ClientSampleId :
RUSB-03

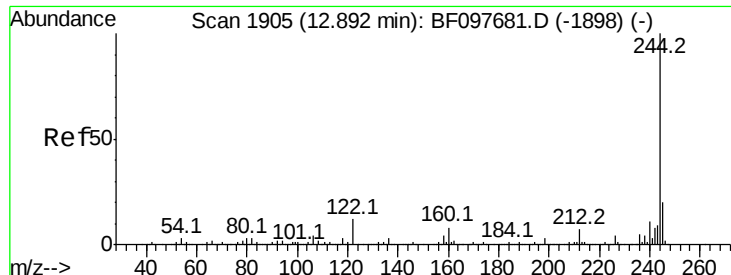
Tot Ion:188 Resp: 265317
Ion Ratio Lower Upper
188 100
94 13.0 9.4 14.2
80 13.0 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF097808.D
Acq: 18 Aug 2017 1:37

Tgt Ion:240 Resp: 272439
Ion Ratio Lower Upper
240 100
120 13.2 5.8 8.8#
236 27.0 20.5 30.7





#78

Terphenyl-d14

Concen: 47.179 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF097808.D

Acq: 18 Aug 2017 1:37

Instrument :

BNA_F

ClientSampleId :

RUSB-03

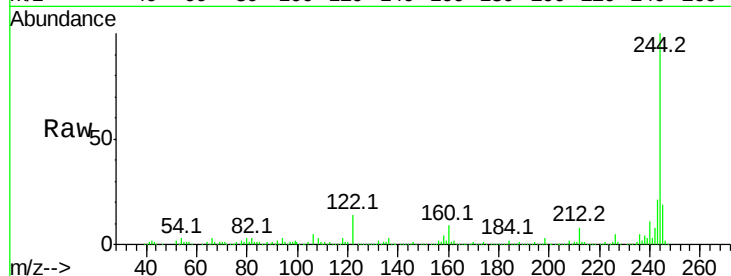
Tot Ion:244 Resp: 616365

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

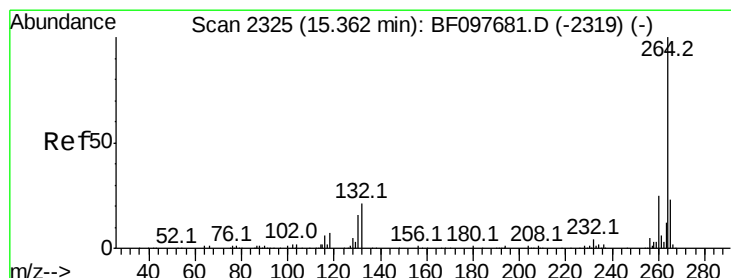
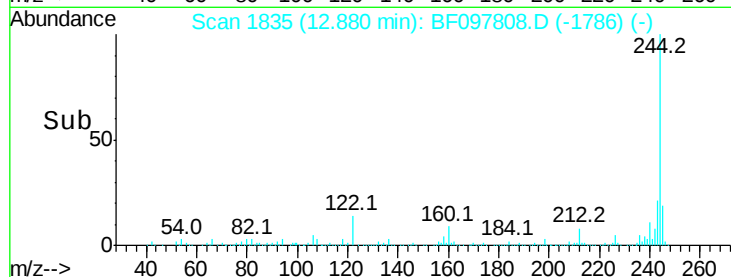
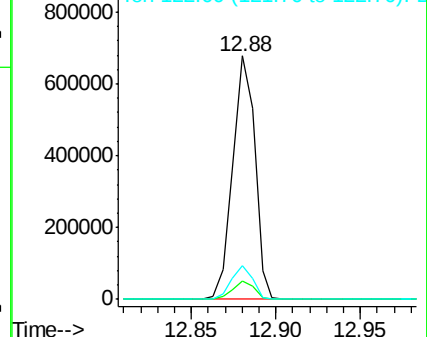
122 13.9 10.3 15.5



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

Perylene-d12

Concen: 20.000 ng

RT: 15.36 min Scan# 2256

Delta R.T. -0.01 min

Lab File: BF097808.D

Acq: 18 Aug 2017 1:37

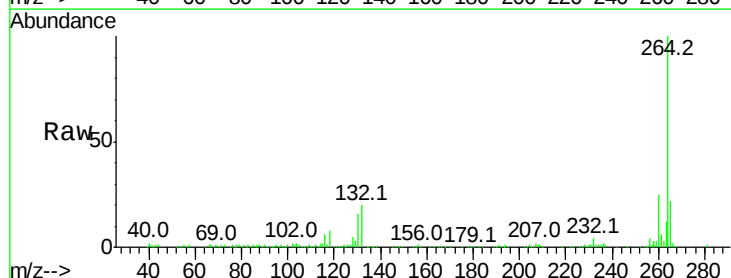
Tgt Ion:264 Resp: 192710

Ion Ratio Lower Upper

264 100

260 25.2 19.5 29.3

265 21.6 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

