

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
 Data File : BF091550.D
 Acq On : 13 Dec 2016 13:32
 Operator : UM/SJ
 Sample : H6009-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1M-BS-HU-01

Quant Time: Dec 14 00:38:40 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

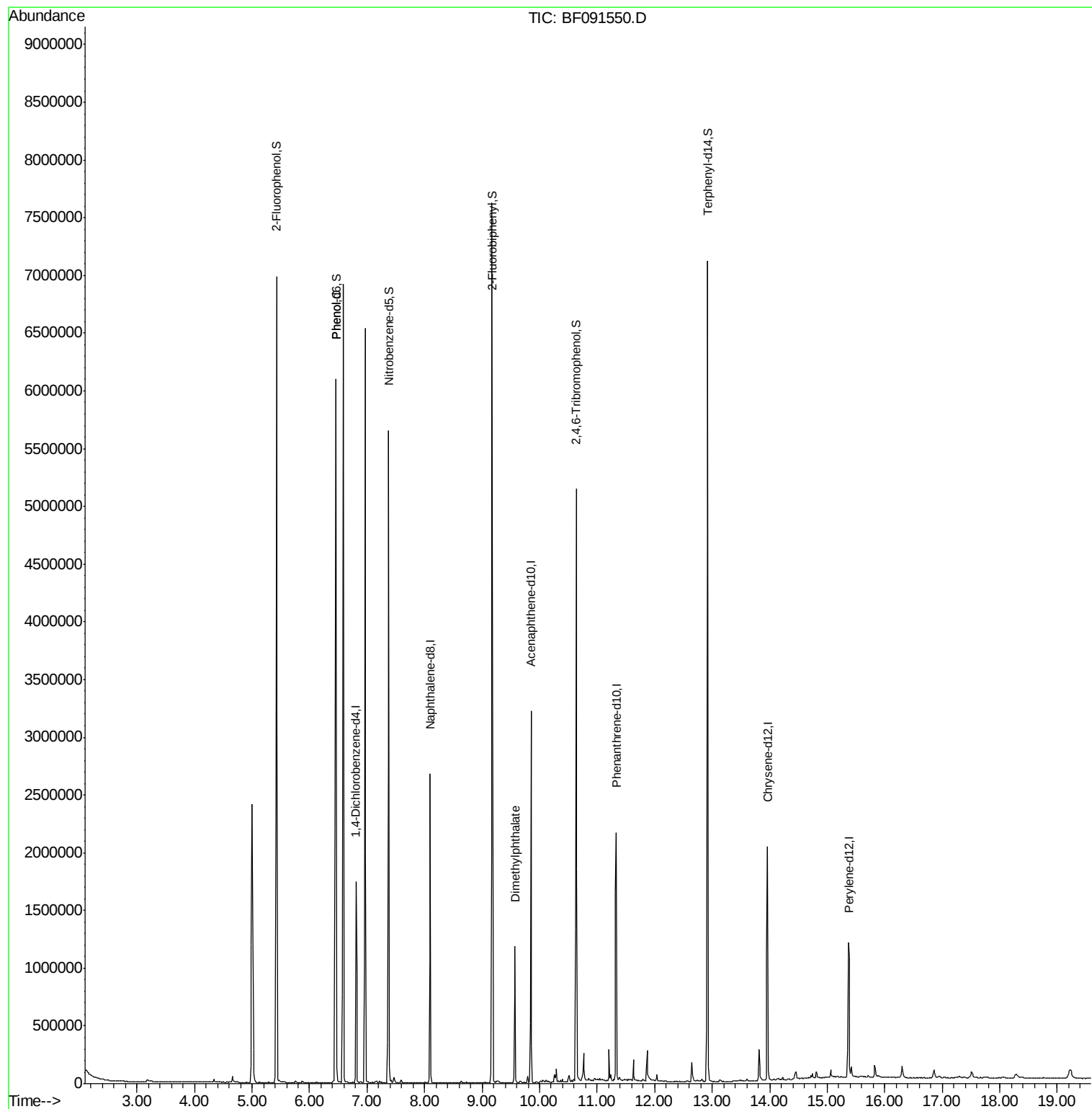
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	311774	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	1317674	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	650887	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	1061986	20.00	ng	0.00
75) Chrysene-d12	13.96	240	836214	20.00	ng	0.00
86) Perylene-d12	15.38	264	666768	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	2506489	135.44	ng	0.01
7) Phenol-d6	6.46	99	3438212	149.03	ng	0.01
23) Nitrobenzene-d5	7.38	82	2126718	90.08	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	736736	136.28	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	2984595	79.23	ng	-0.01
78) Terphenyl-d14	12.92	244	2779687	75.43	ng	0.00
Target Compounds						
10) Phenol	6.46	94	101208	3.75	ng	Qvalue # 5
49) Dimethylphthalate	9.57	163	644402	15.64	ng	99

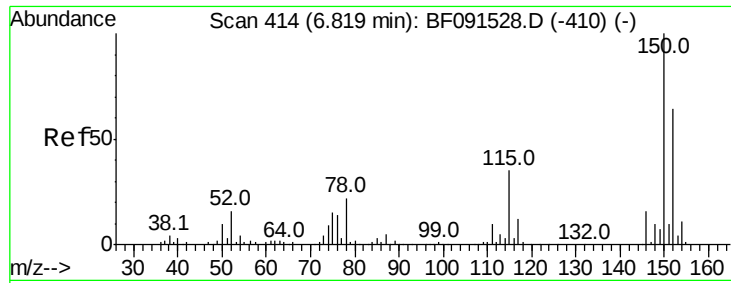
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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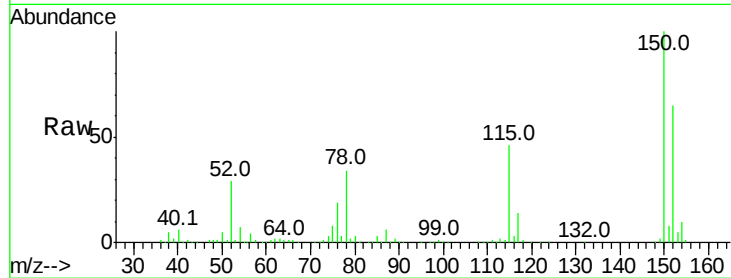


#1

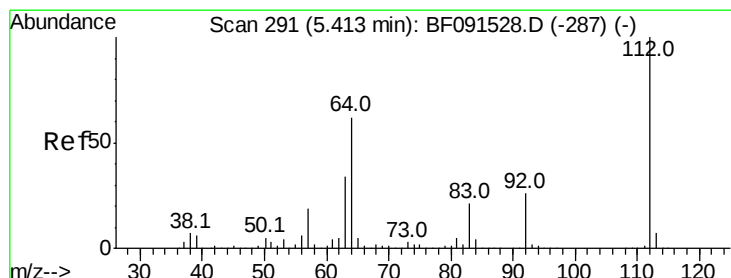
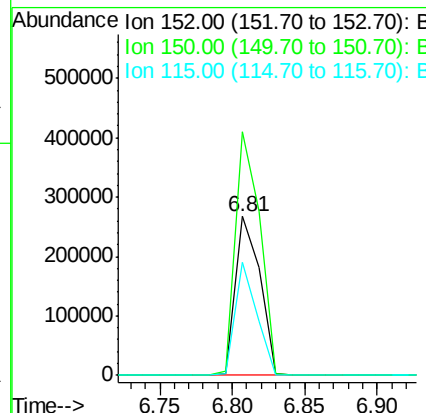
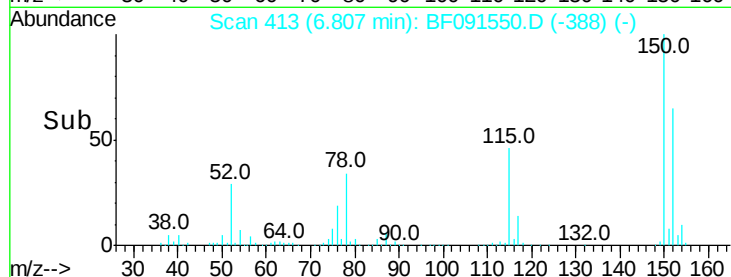
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.01 min
 Lab File: BF091550.D
 Acq: 13 Dec 2016 13:32

Instrument :
 BNA_F
 ClientSampleId :
 1M-BS-HU-01

Tot Ion:152 Resp: 311774
 Ion Ratio Lower Upper
 152 100
 150 153.6 122.5 183.7
 115 71.3 51.8 77.8



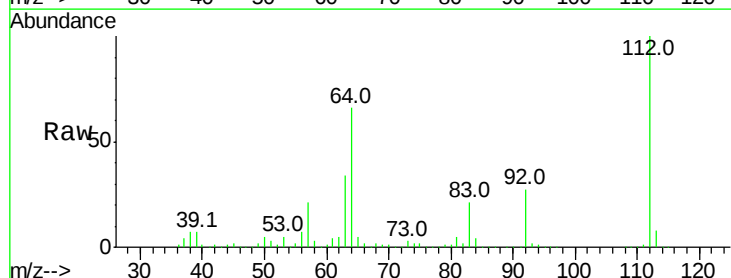
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



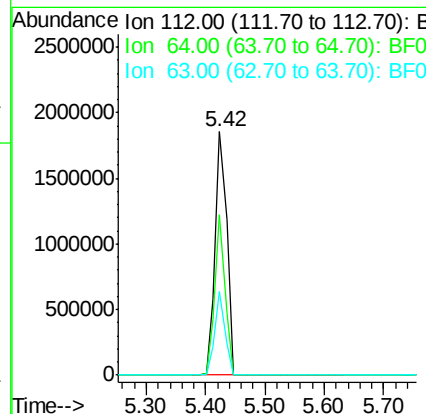
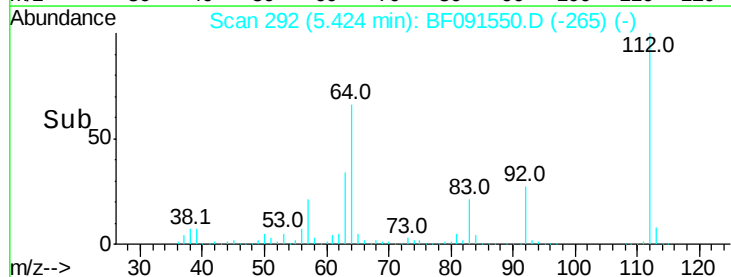
#5

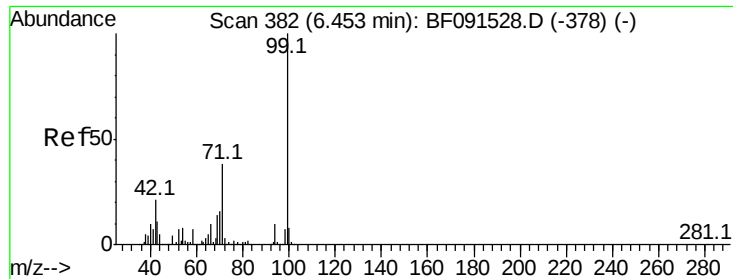
2-Fluorophenol
 Concen: 135.44 ng
 RT: 5.42 min Scan# 292
 Delta R.T. 0.01 min
 Lab File: BF091550.D
 Acq: 13 Dec 2016 13:32

Tgt Ion:112 Resp: 2506489
 Ion Ratio Lower Upper
 112 100
 64 65.8 61.5 92.3
 63 34.3 33.3 49.9



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: 149.03 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF091550.D

Acq: 13 Dec 2016 13:32

Instrument :

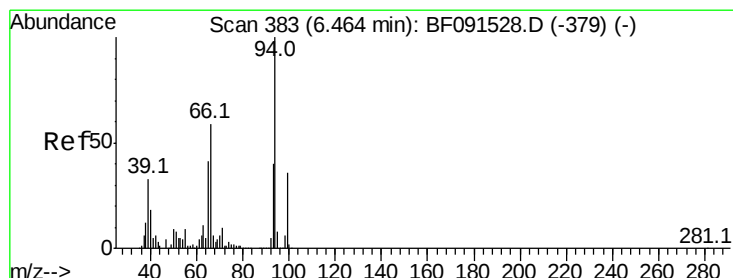
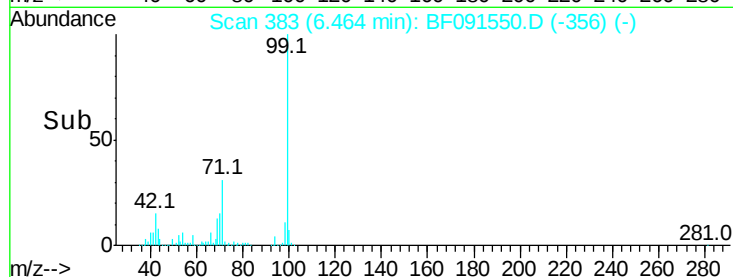
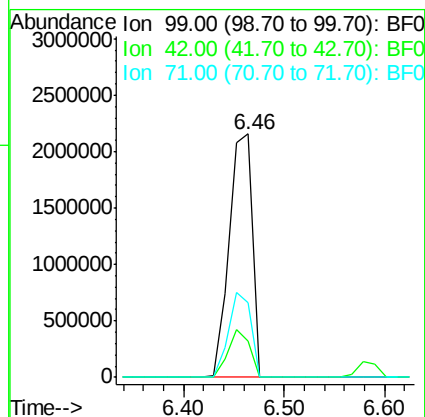
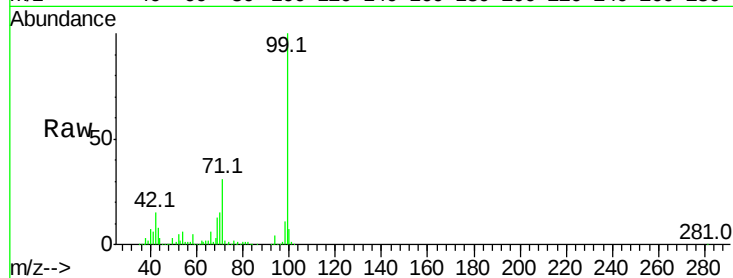
BNA_F

ClientSampleId :

1M-BS-HU-01

Tot Ion: 99 Resp: 3438212

Ion	Ratio	Lower	Upper
99	100		
42	14.9	20.6	31.0#
71	30.9	29.9	44.9



#10

Phenol

Concen: 3.75 ng

RT: 6.46 min Scan# 383

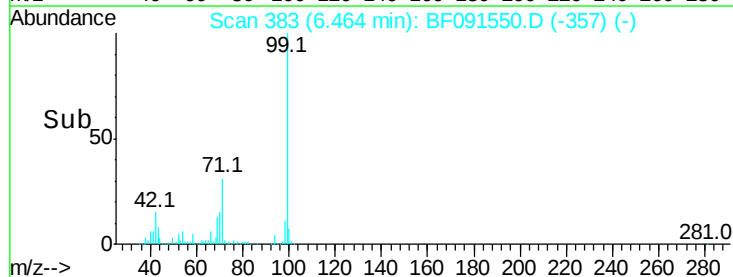
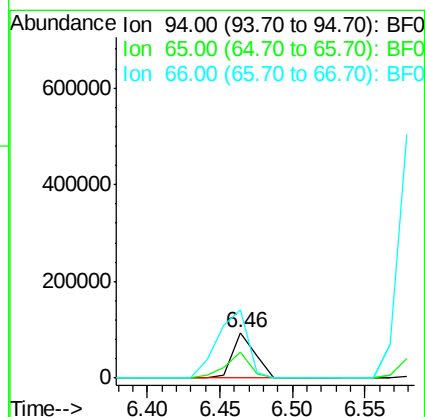
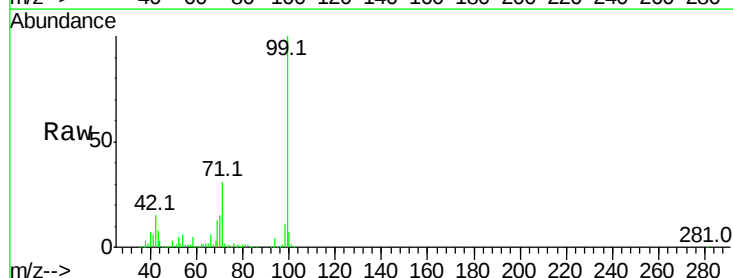
Delta R.T. -0.00 min

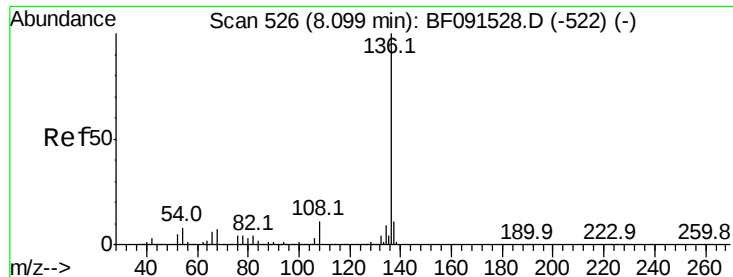
Lab File: BF091550.D

Acq: 13 Dec 2016 13:32

Tgt Ion: 94 Resp: 101208

Ion	Ratio	Lower	Upper
94	100		
65	56.0	16.9	56.9
66	148.5	30.6	70.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF091550.D

Acq: 13 Dec 2016 13:32

Instrument :

BNA_F

ClientSampleId :

1M-BS-HU-01

Tot Ion:136 Resp: 1317674

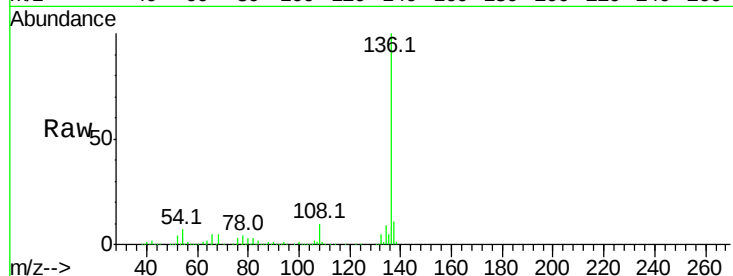
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 6.6 9.1 13.7#

68 5.4 5.9 8.9#

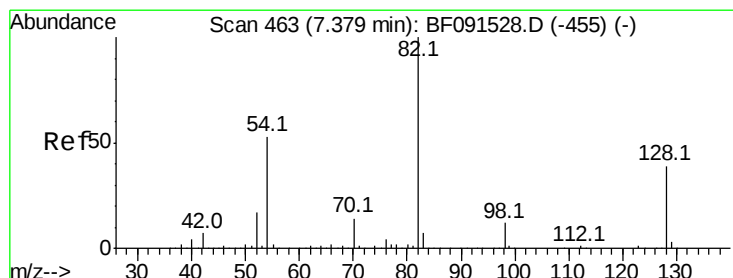
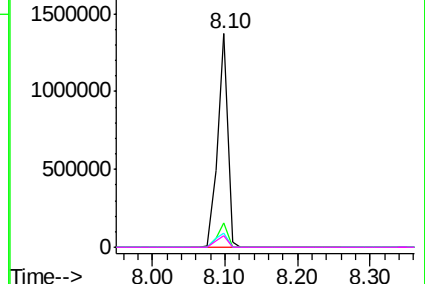
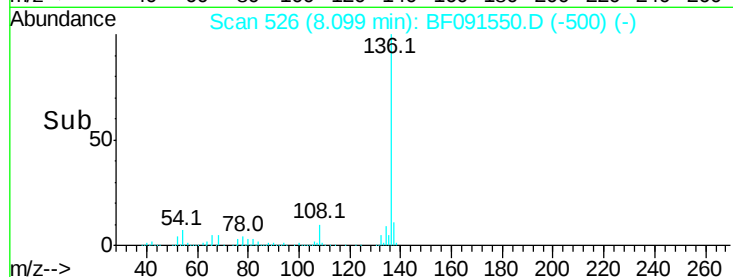


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.08 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.00 min

Lab File: BF091550.D

Acq: 13 Dec 2016 13:32

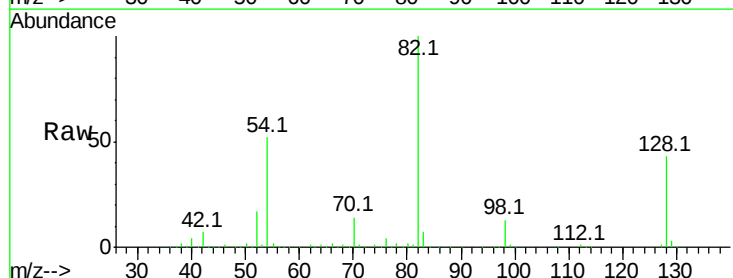
Tgt Ion: 82 Resp: 2126718

Ion Ratio Lower Upper

82 100

128 42.6 31.8 47.6

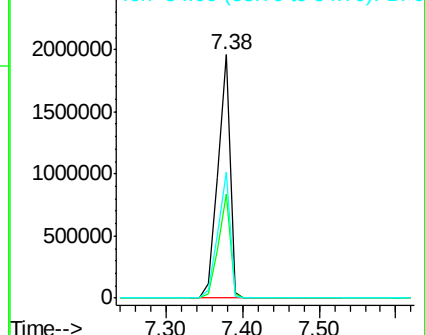
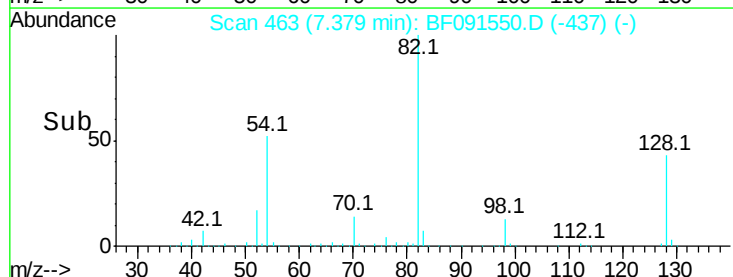
54 51.6 49.1 73.7

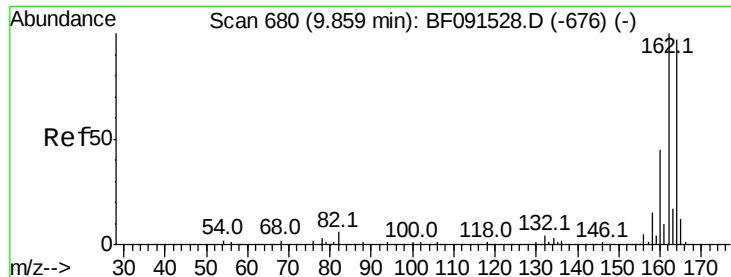


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

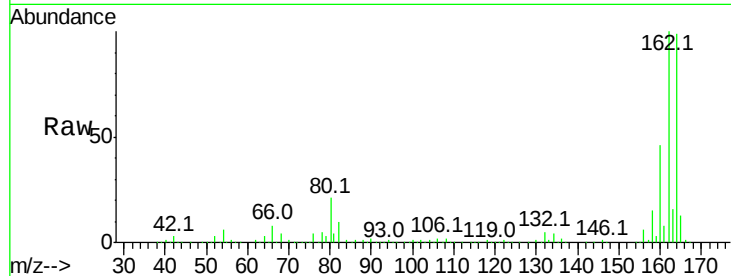




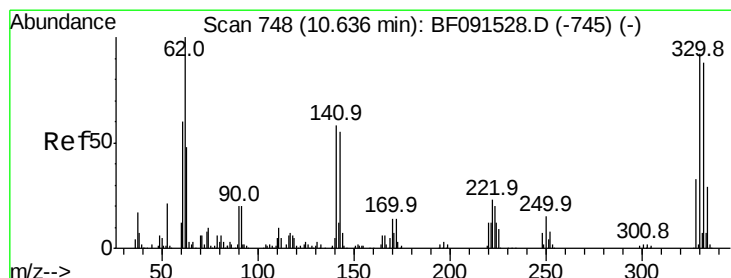
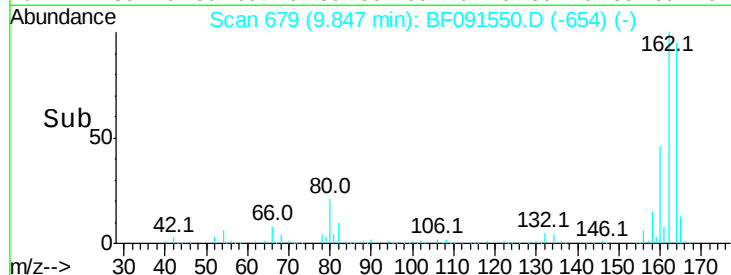
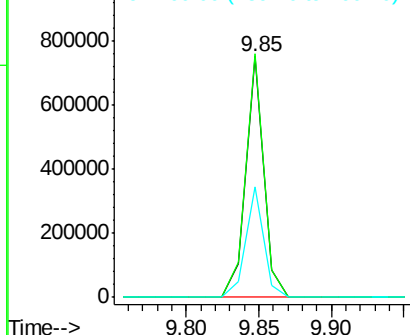
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF091550.D
Acq: 13 Dec 2016 13:32

Instrument :
BNA_F
ClientSampleId :
1M-BS-HU-01

Tot Ion:164 Resp: 650887
Ion Ratio Lower Upper
164 100
162 101.1 82.6 124.0
160 46.0 36.7 55.1

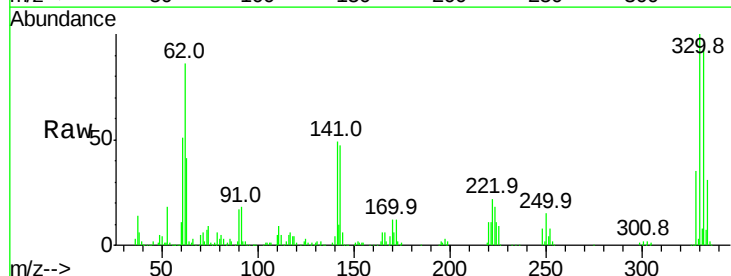


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

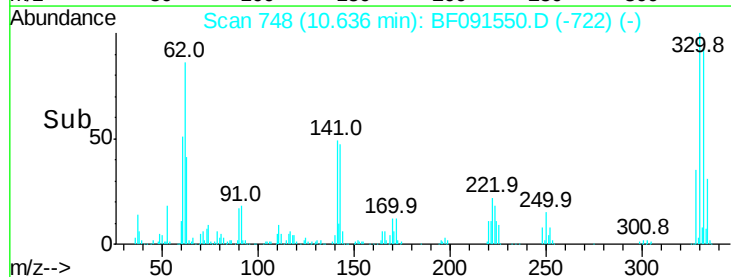
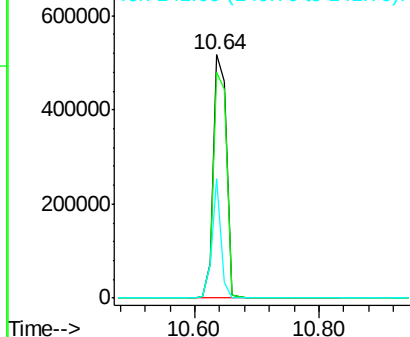


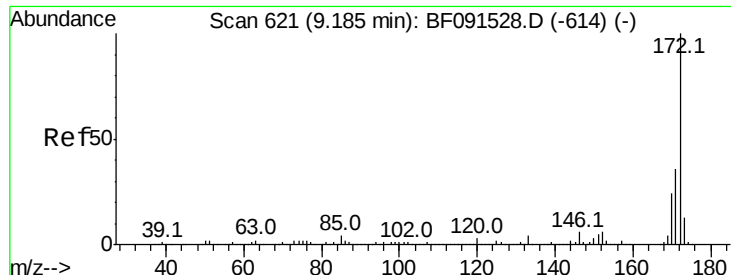
#41
2,4,6-Tribromophenol
Concen: 136.28 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF091550.D
Acq: 13 Dec 2016 13:32

Tgt Ion:330 Resp: 736736
Ion Ratio Lower Upper
330 100
332 94.5 76.2 114.4
141 34.2 33.6 50.4



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

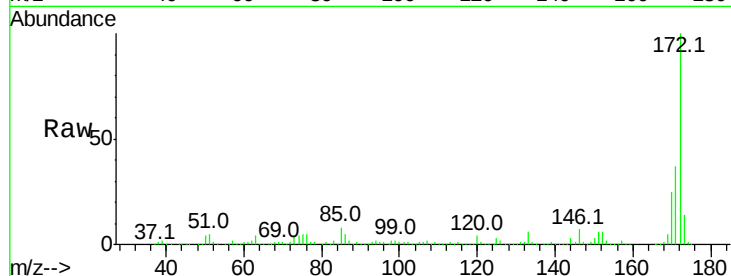




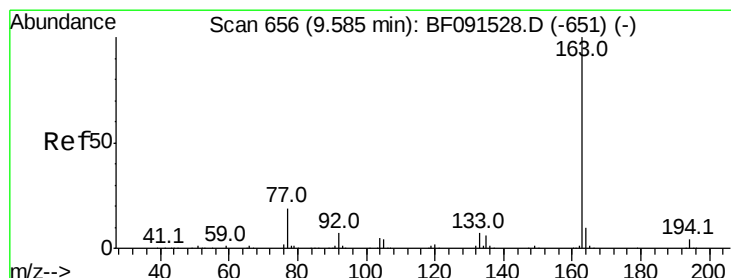
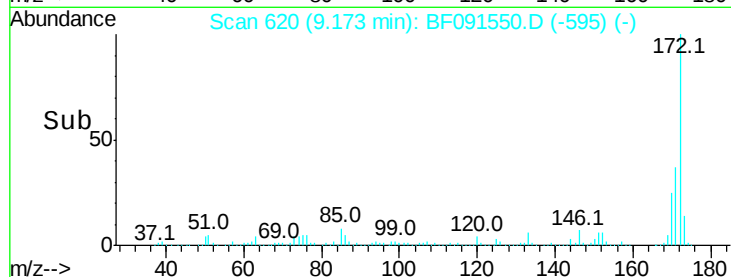
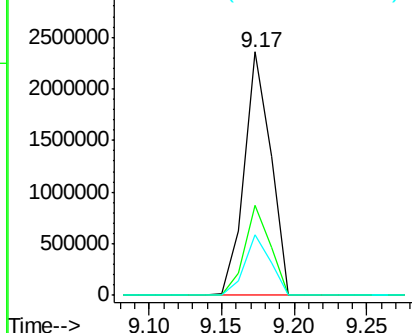
#44
2-Fluorobiphenyl
Concen: 79.23 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.01 min
Lab File: BF091550.D
Acq: 13 Dec 2016 13:32

Instrument :
BNA_F
ClientSampleId :
1M-BS-HU-01

Tot Ion:172 Resp: 2984595
Ion Ratio Lower Upper
172 100
171 36.8 29.4 44.0
170 25.1 19.7 29.5

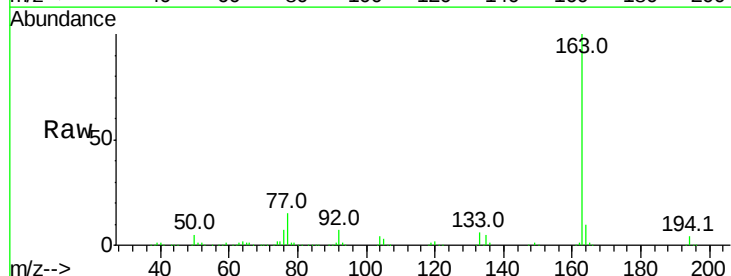


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

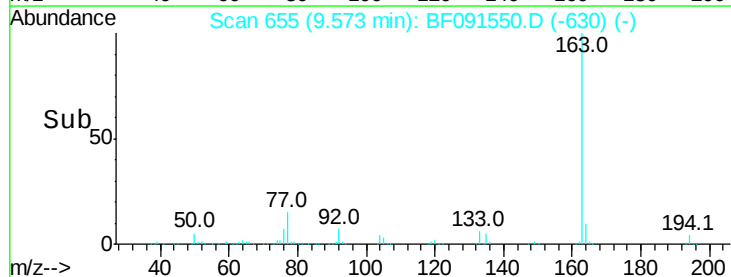
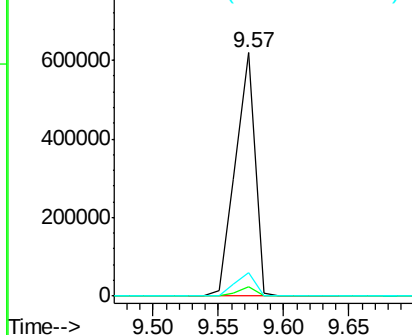


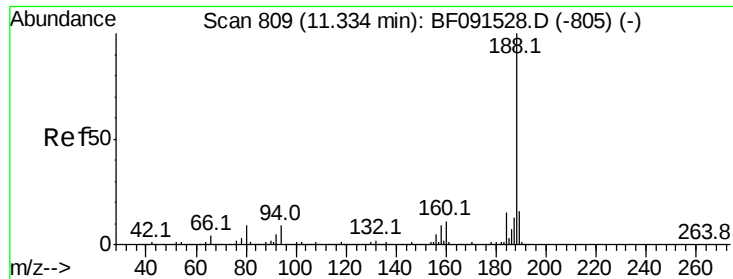
#49
Dimethylphthalate
Concen: 15.64 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF091550.D
Acq: 13 Dec 2016 13:32

Tgt Ion:163 Resp: 644402
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 9.6 7.8 11.8



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

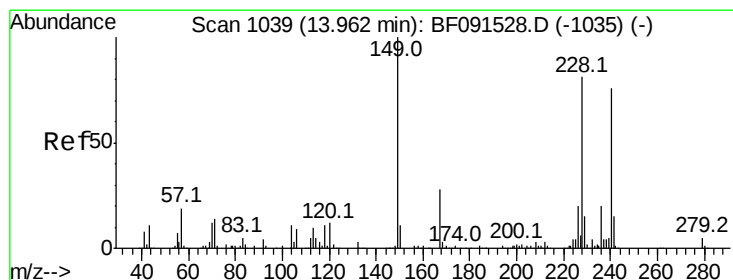
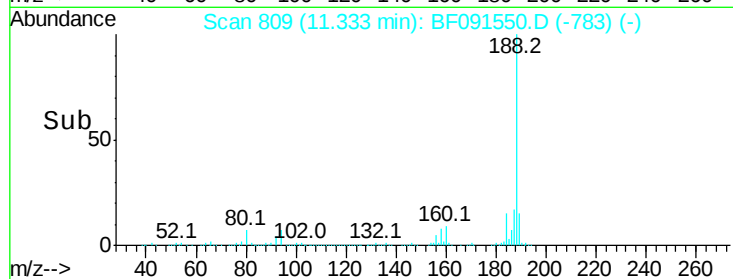
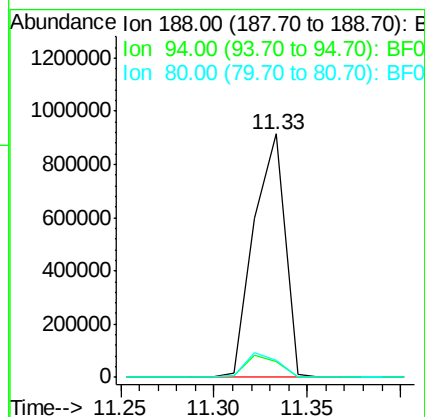
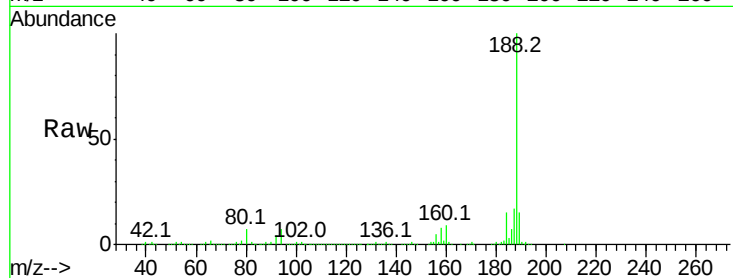




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF091550.D
Acq: 13 Dec 2016 13:32

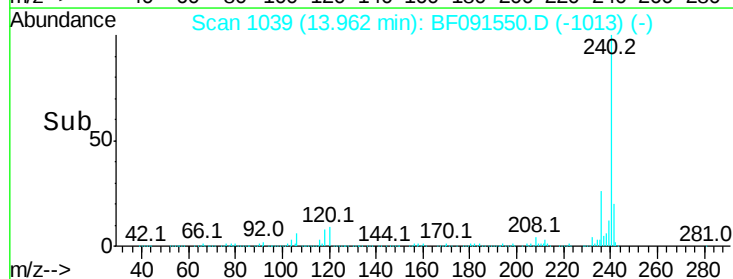
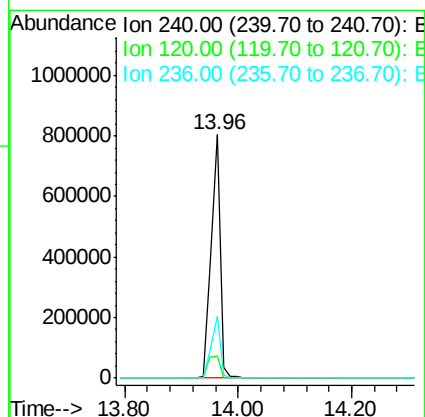
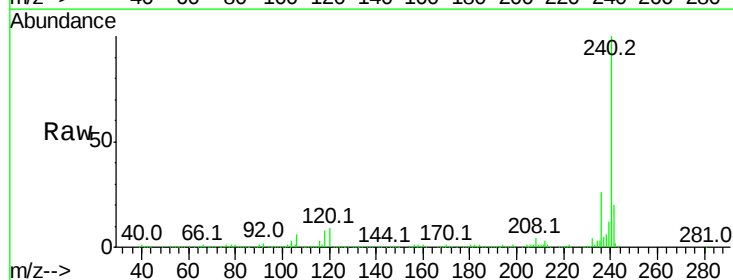
Instrument :
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1M-BS-HU-01

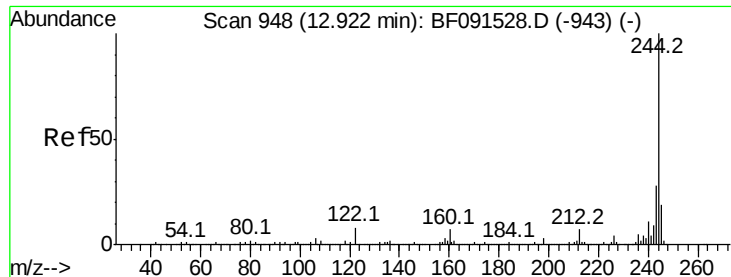
Tot Ion:188 Resp: 1061986
Ion Ratio Lower Upper
188 100
94 6.7 9.2 13.8#
80 7.2 10.5 15.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF091550.D
Acq: 13 Dec 2016 13:32

Tgt Ion:240 Resp: 836214
Ion Ratio Lower Upper
240 100
120 8.9 12.1 18.1#
236 25.5 21.0 31.6





#78

Terphenyl-d14

Concen: 75.43 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF091550.D

Acq: 13 Dec 2016 13:32

Instrument :

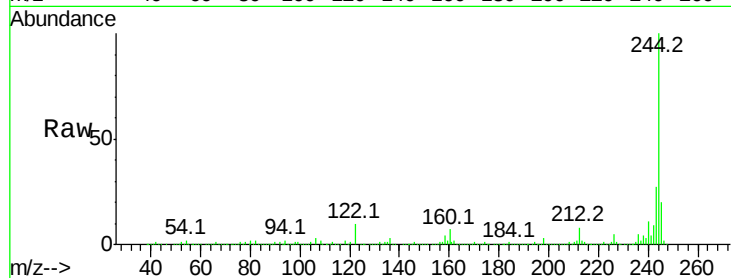
BNA_F

ClientSampleId :

1M-BS-HU-01

Tot Ion:244 Resp: 2779687

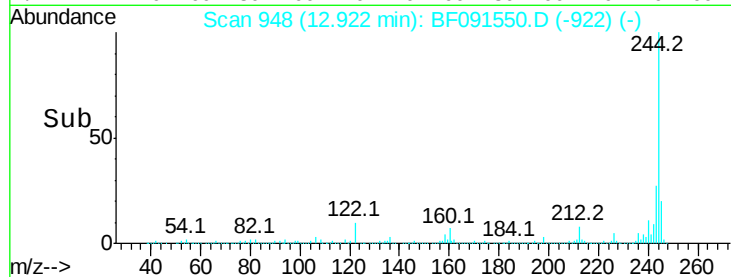
Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.5	9.7
122	9.8	9.5	14.3



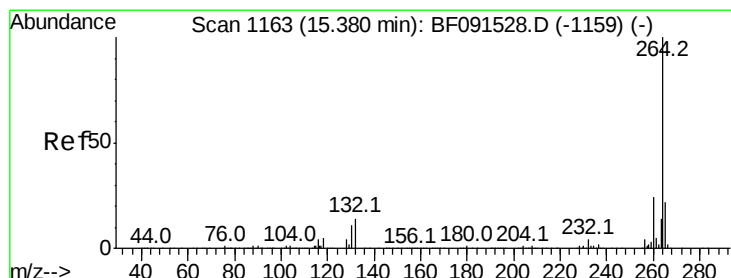
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.38 min Scan# 1163

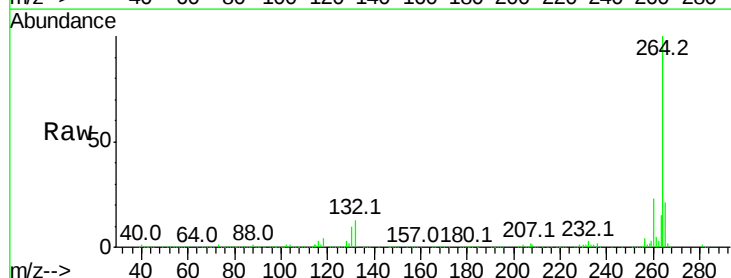
Delta R.T. -0.00 min

Lab File: BF091550.D

Acq: 13 Dec 2016 13:32

Tgt Ion:264 Resp: 666768

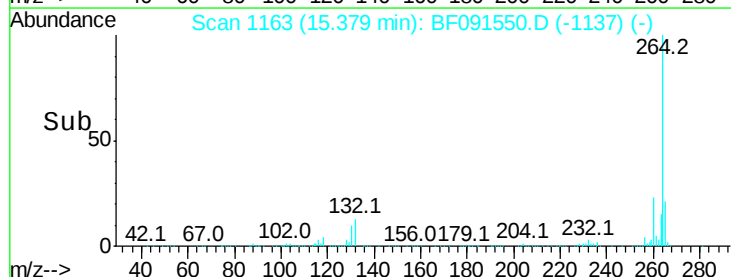
Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.8	28.2
265	21.1	17.0	25.6



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



Time-->