

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099560.D
 Acq On : 16 Oct 2017 22:45
 Operator : SJ/JU
 Sample : I5782-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4(10-12)

Quant Time: Oct 17 02:35:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

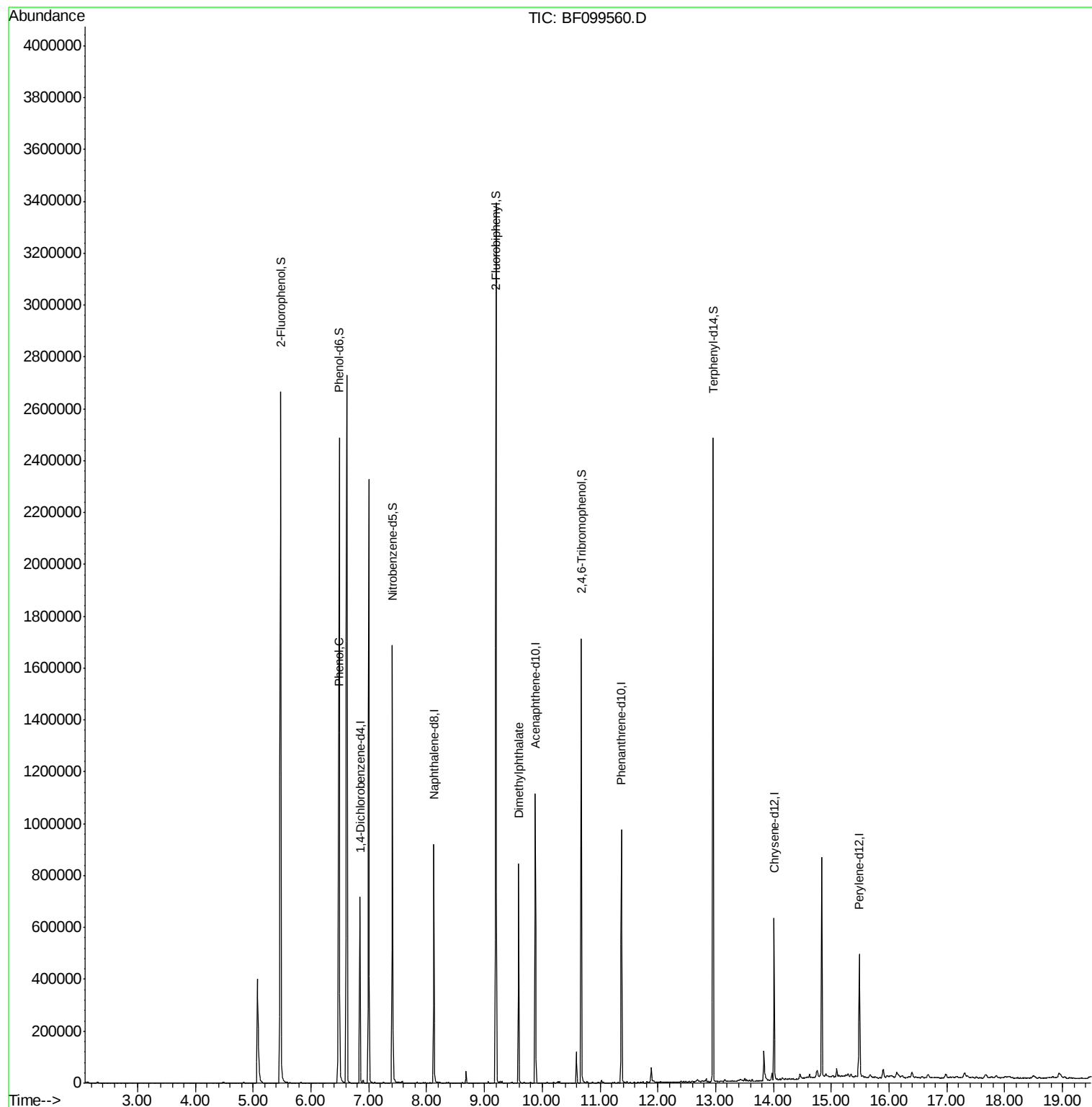
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	111603	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	456957	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	202754	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	326172	20.00	ng	0.00
75) Chrysene-d12	14.01	240	208352	20.00	ng	0.00
86) Perylene-d12	15.49	264	208032	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	895473	127.73	ng	0.00
7) Phenol-d6	6.49	99	1085506	125.51	ng	0.00
23) Nitrobenzene-d5	7.41	82	662971	93.04	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	215496	129.89	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1200673	98.86	ng	0.00
78) Terphenyl-d14	12.96	244	843138	92.03	ng	0.00
Target Compounds						
10) Phenol	6.50	94	81874	8.465	ng	91
49) Dimethylphthalate	9.59	163	337273	22.040	ng	100

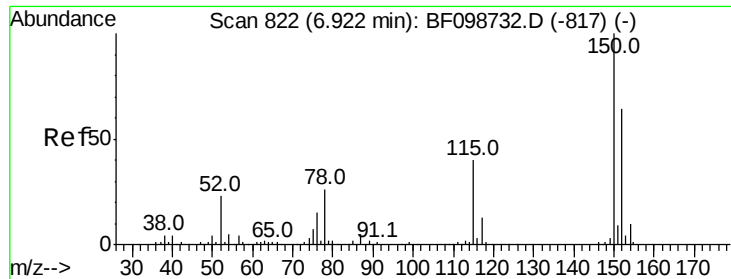
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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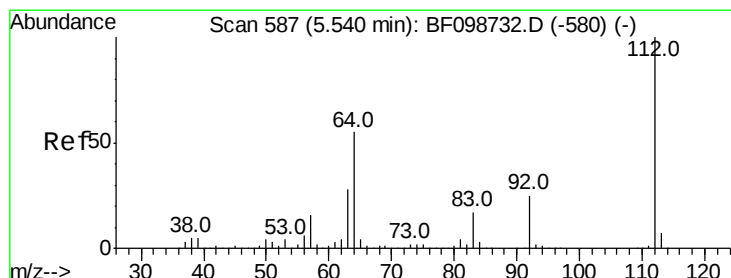
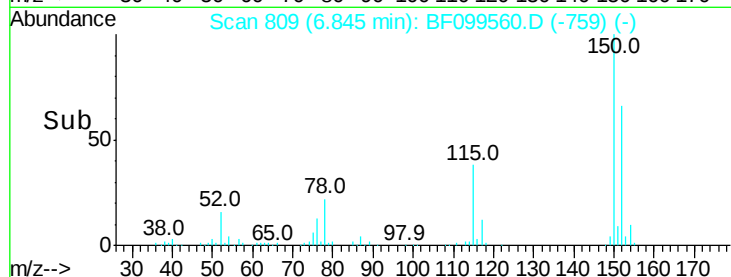
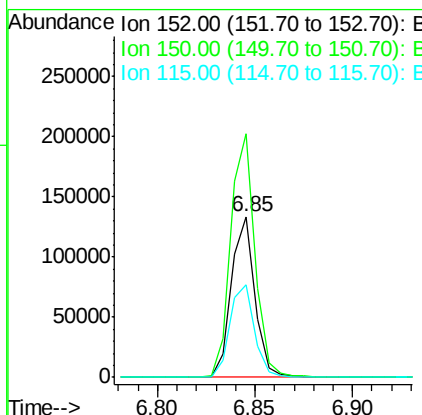
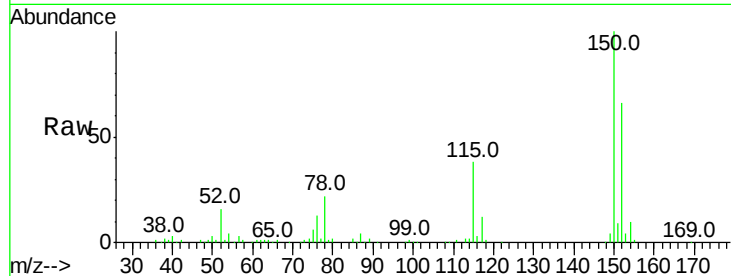


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF099560.D
 Acq: 16 Oct 2017 22:45

Instrument :
 BNA_F
 ClientSampleId :
 S4(10-12)

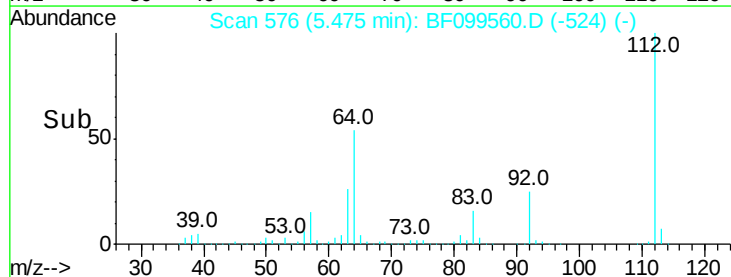
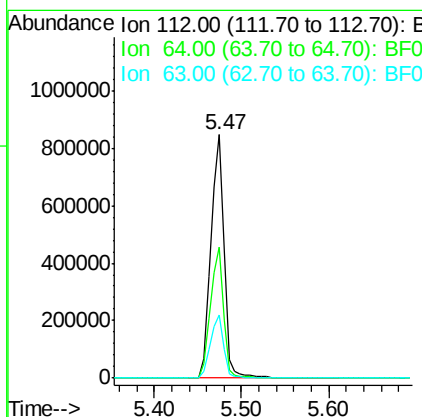
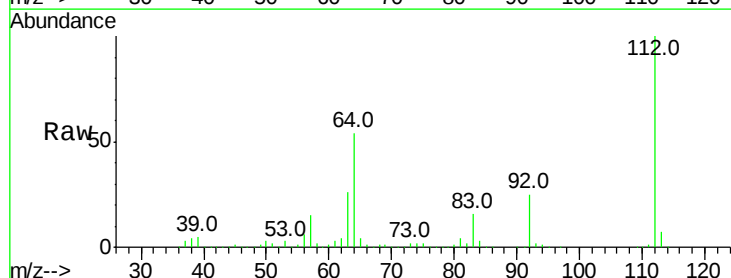
Tot Ion:152 Resp: 111603
 Ion Ratio Lower Upper
 152 100
 150 151.7 124.6 186.8
 115 57.8 50.1 75.1

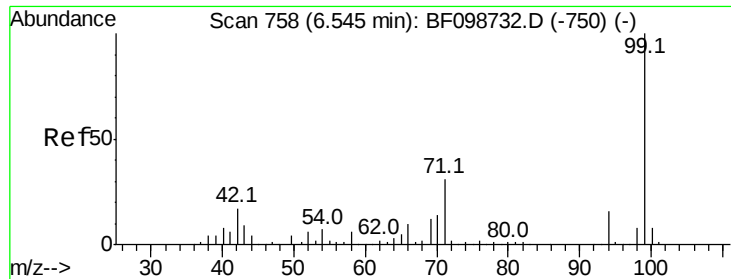


#5

2-Fluorophenol
 Concen: 127.730 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF099560.D
 Acq: 16 Oct 2017 22:45

Tgt Ion:112 Resp: 895473
 Ion Ratio Lower Upper
 112 100
 64 53.7 47.9 71.9
 63 25.9 23.7 35.5





#7

Phenol-d6

Concen: 125.514 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF099560.D

Acq: 16 Oct 2017 22:45

Instrument :

BNA_F

ClientSampleId :

S4(10-12)

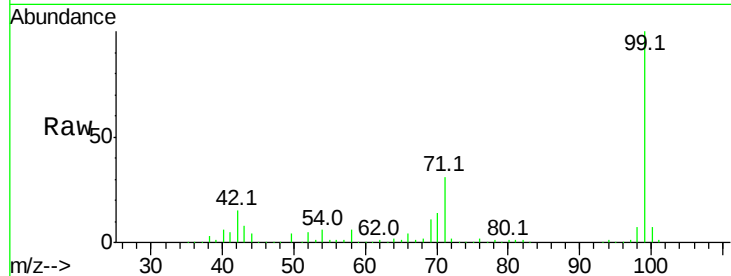
Tot Ion: 99 Resp: 1085506

Ion Ratio Lower Upper

99 100

42 14.7 14.5 21.7

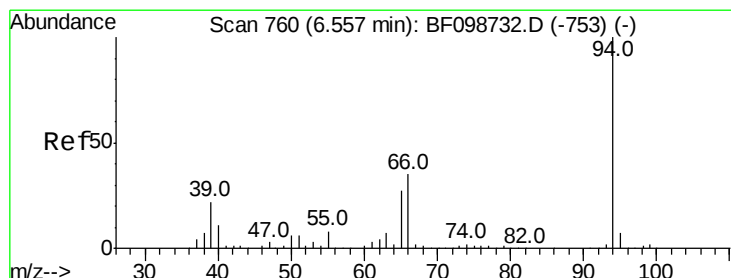
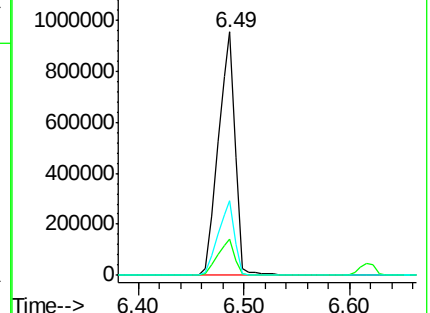
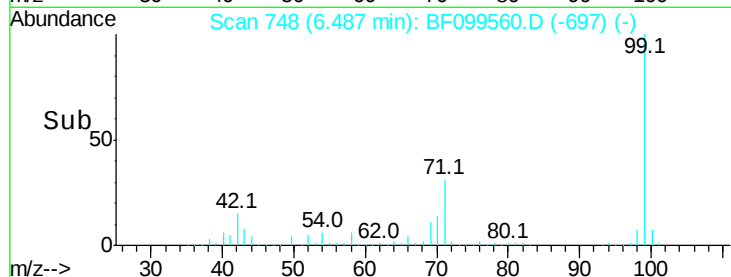
71 30.6 25.4 38.0



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: 8.465 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099560.D

Acq: 16 Oct 2017 22:45

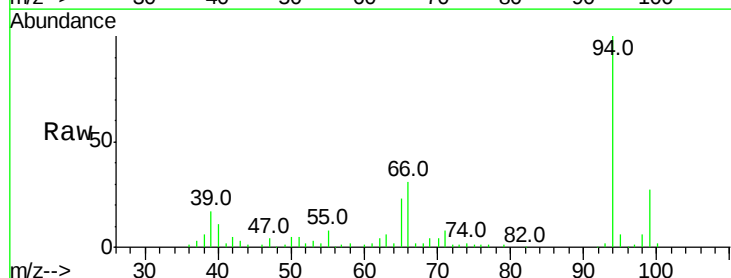
Tgt Ion: 94 Resp: 81874

Ion Ratio Lower Upper

94 100

65 23.0 7.9 47.9

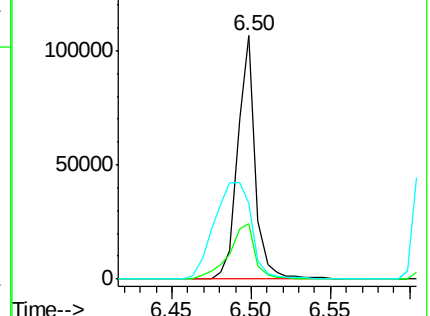
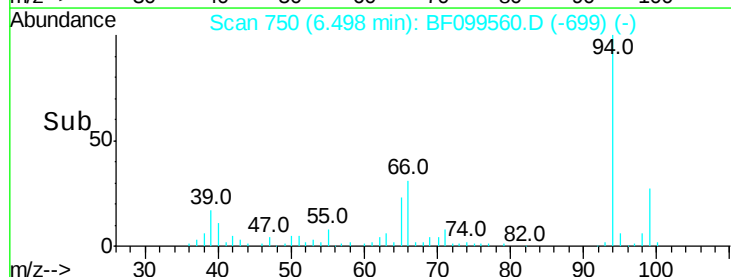
66 31.3 16.2 56.2

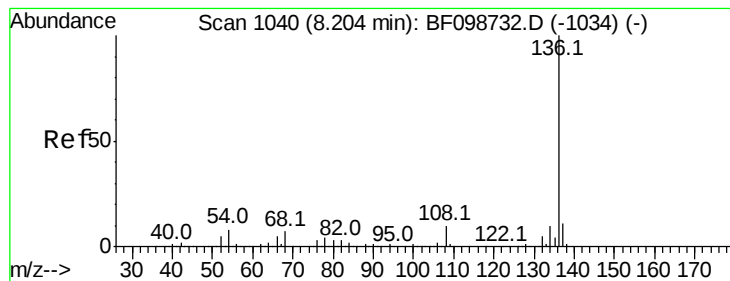


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF099560.D

Acq: 16 Oct 2017 22:45

Instrument :

BNA_F

ClientSampleId :

S4(10-12)

Tot Ion:136 Resp: 456957

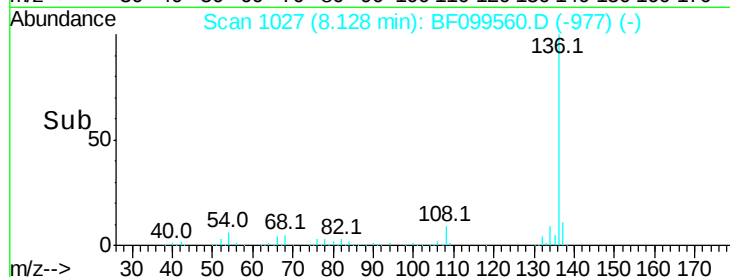
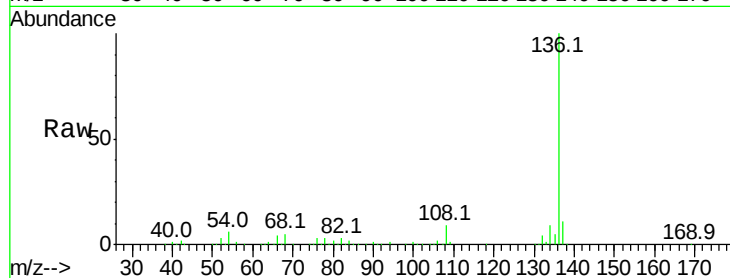
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 5.8 6.6 9.8#

68 5.4 5.0 7.4

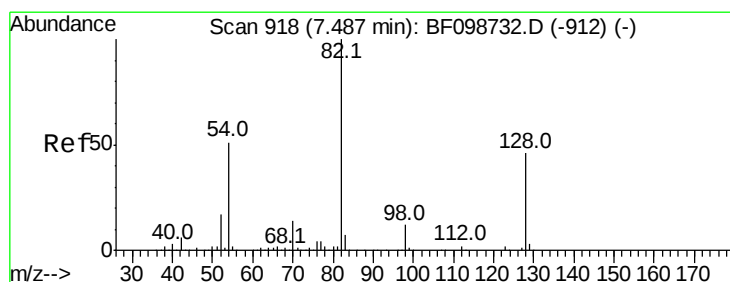
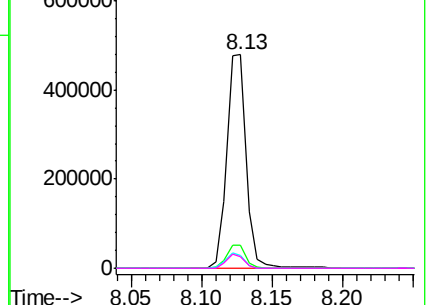


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.043 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF099560.D

Acq: 16 Oct 2017 22:45

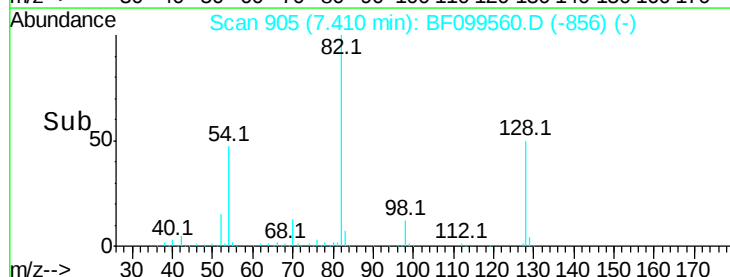
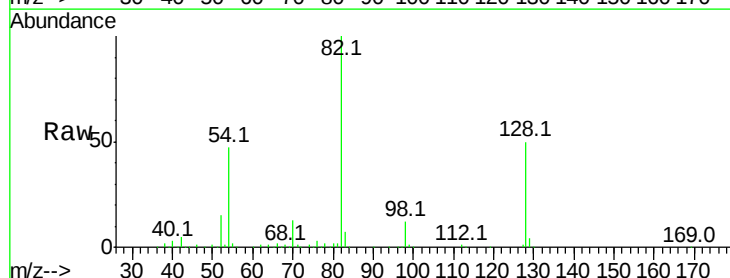
Tgt Ion: 82 Resp: 662971

Ion Ratio Lower Upper

82 100

128 49.6 36.1 54.1

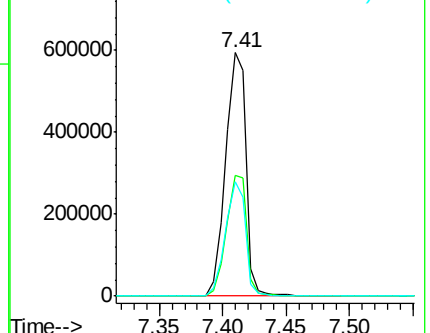
54 46.9 41.4 62.2

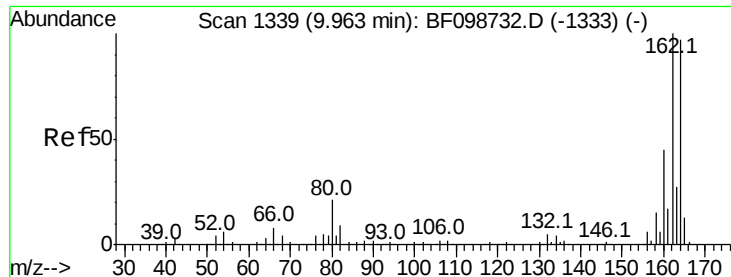


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

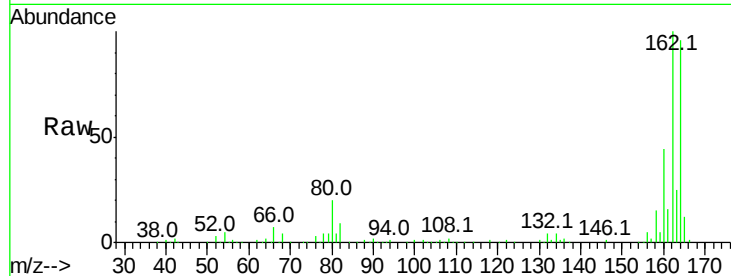




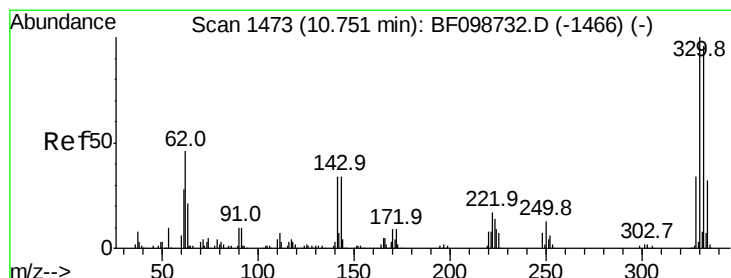
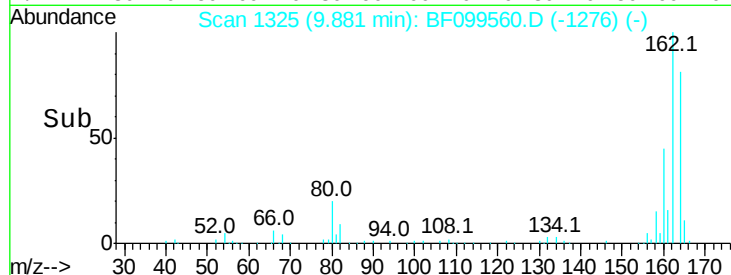
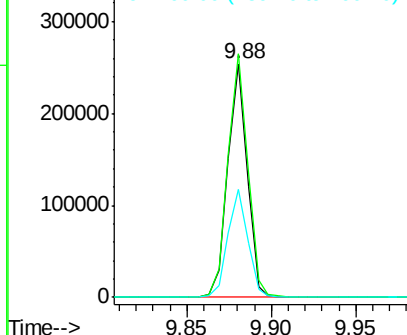
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF099560.D
Acq: 16 Oct 2017 22:45

Instrument :
BNA_F
ClientSampleId :
S4(10-12)

Tot Ion:164 Resp: 202754
Ion Ratio Lower Upper
164 100
162 104.2 86.1 129.1
160 46.1 38.3 57.5

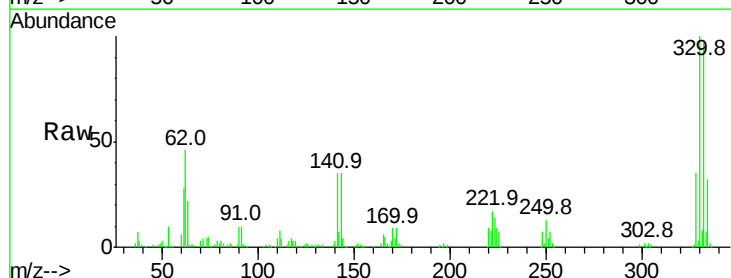


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

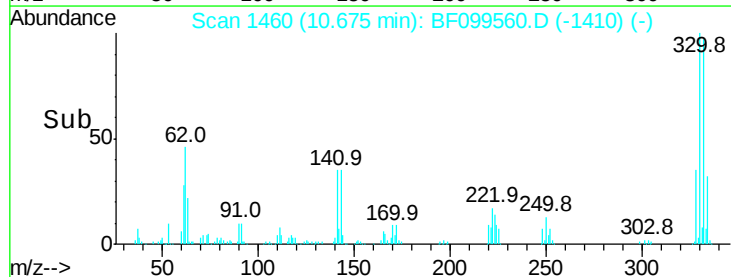
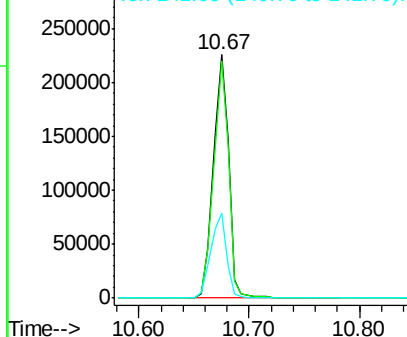


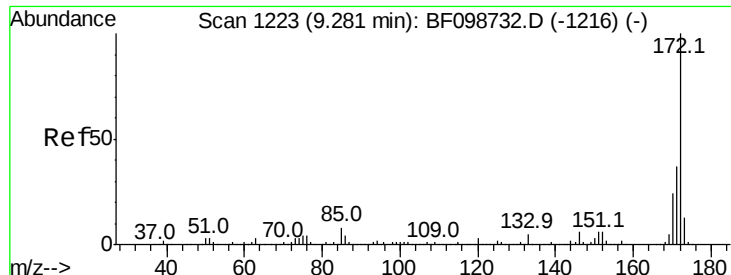
#41
2,4,6-Tribromophenol
Concen: 129.889 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF099560.D
Acq: 16 Oct 2017 22:45

Tgt Ion:330 Resp: 215496
Ion Ratio Lower Upper
330 100
332 95.4 77.0 115.6
141 35.7 29.9 44.9



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



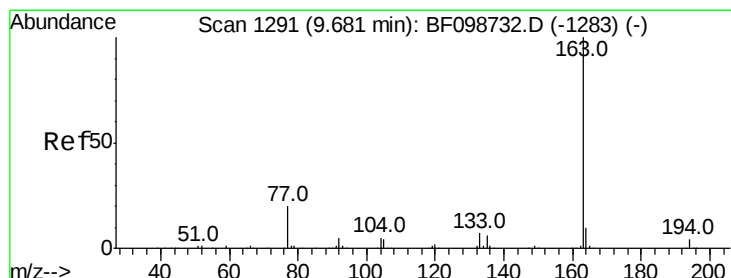
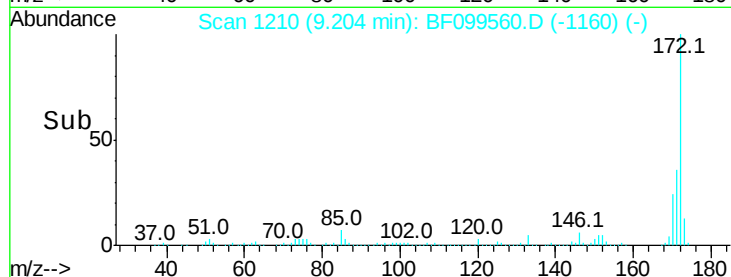
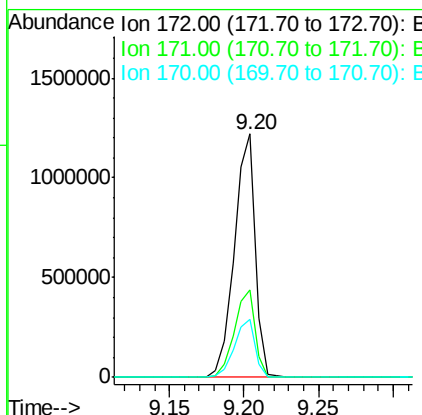
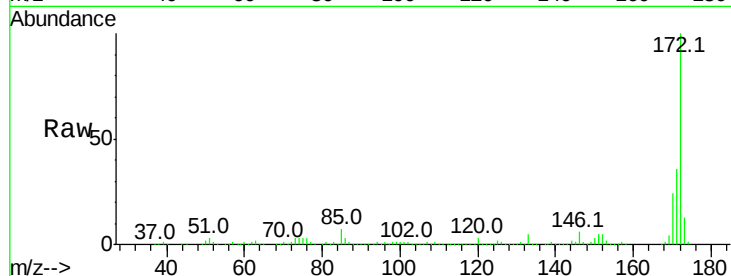


#44
 2-Fluorobiphenyl
 Concen: 98.860 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF099560.D
 Acq: 16 Oct 2017 22:45

Instrument :
 BNA_F
 ClientSampleId :
 S4(10-12)

Tot Ion:172 Resp: 1200673

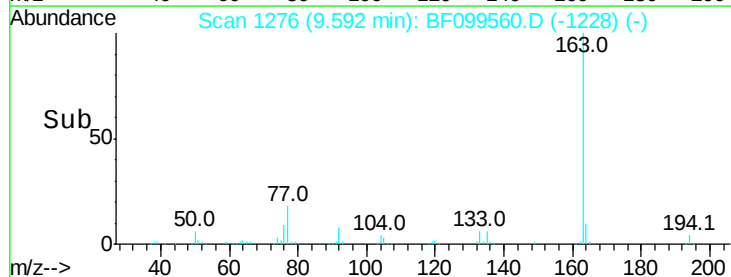
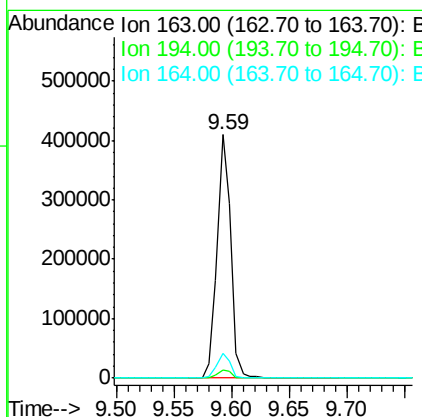
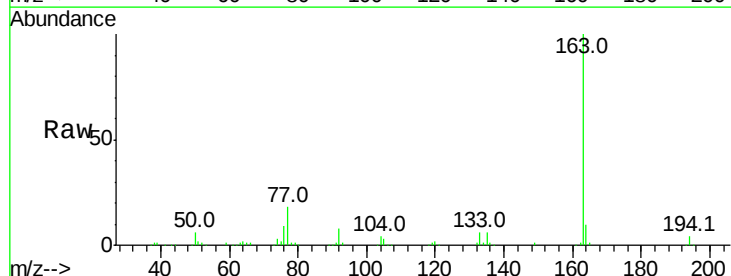
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.7	19.6	29.4

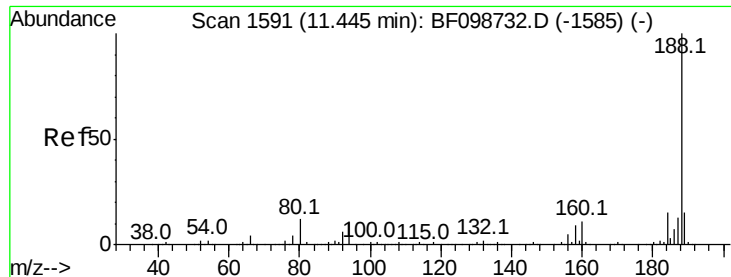


#49
 Dimethylphthalate
 Concen: 22.040 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: BF099560.D
 Acq: 16 Oct 2017 22:45

Tgt Ion:163 Resp: 337273

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.2	8.2	12.2

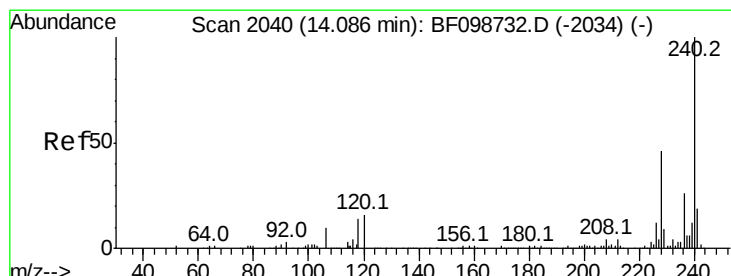
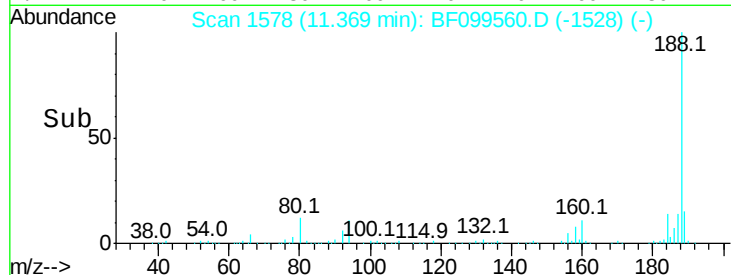
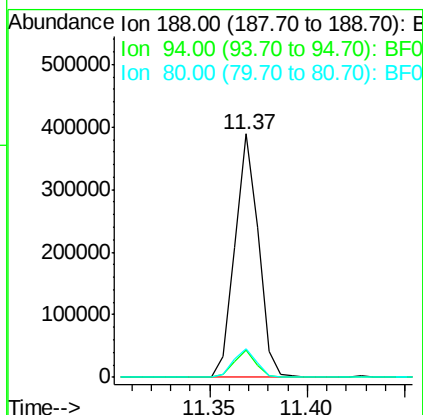
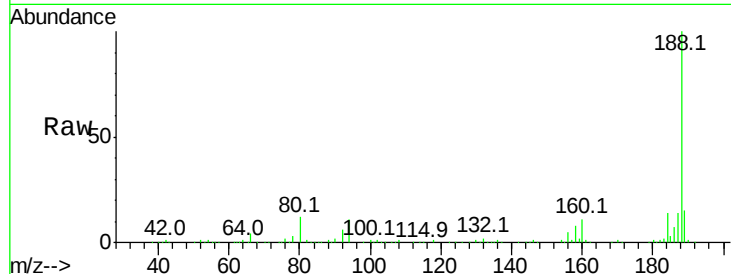




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099560.D
Acq: 16 Oct 2017 22:45

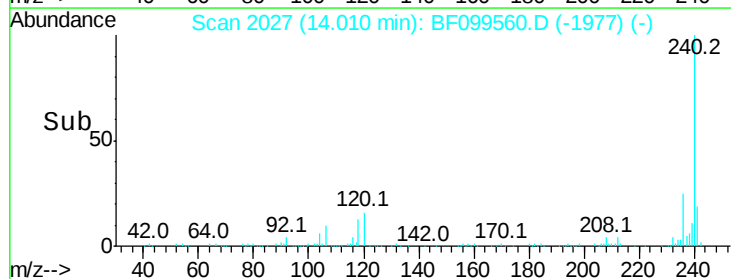
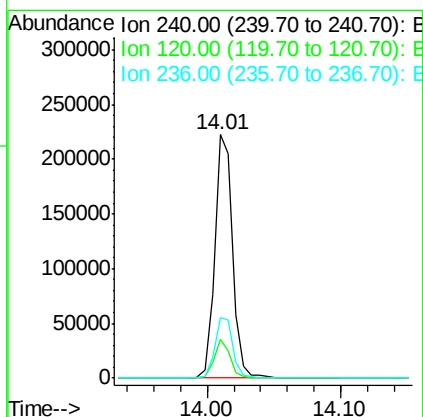
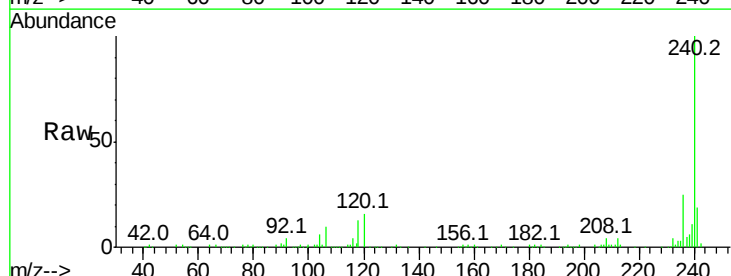
Instrument :
BNA_F
ClientSampled :
S4(10-12)

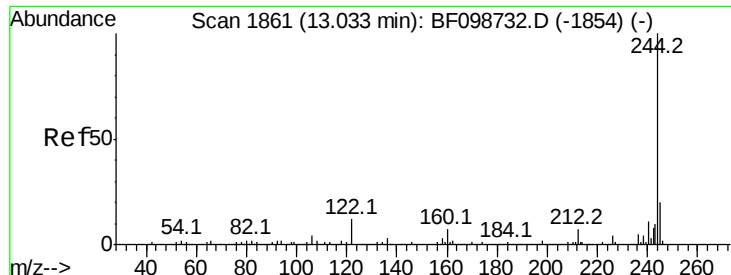
Tot Ion:188 Resp: 326172
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 11.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099560.D
Acq: 16 Oct 2017 22:45

Tgt Ion:240 Resp: 208352
Ion Ratio Lower Upper
240 100
120 15.8 9.5 14.3#
236 24.8 20.7 31.1





#78

Terphenyl-d14

Concen: 92.030 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BF099560.D

Acq: 16 Oct 2017 22:45

Instrument :

BNA_F

ClientSampleId :

S4(10-12)

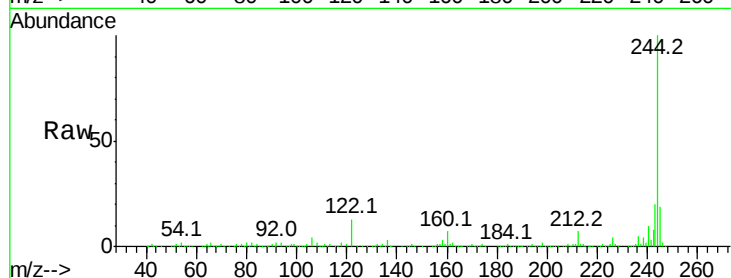
Tot Ion:244 Resp: 843138

Ion Ratio Lower Upper

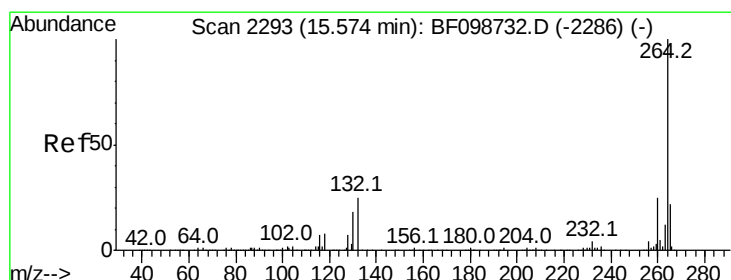
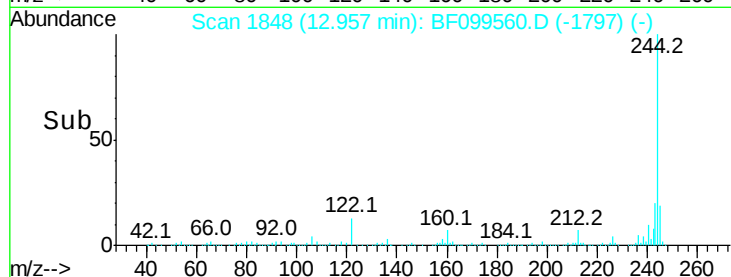
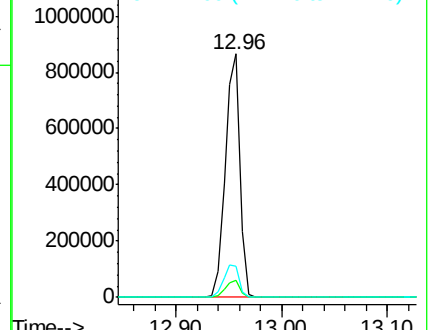
244 100

212 6.9 5.4 8.0

122 12.7 11.0 16.4



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: 15.49 min Scan# 2278

Delta R.T. 0.01 min

Lab File: BF099560.D

Acq: 16 Oct 2017 22:45

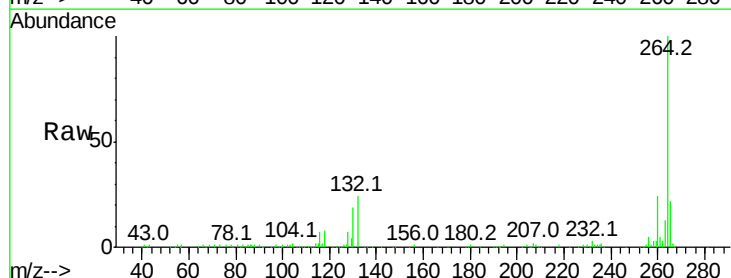
Tgt Ion:264 Resp: 208032

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 22.1 17.5 26.3



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

