

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102017\
 Data File : BF099711.D
 Acq On : 20 Oct 2017 20:01
 Operator : SJ/JU
 Sample : I5950-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20170718-C-COMP1

Quant Time: Oct 22 00:30:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 20 13:11:43 2017
 Response via : Initial Calibration

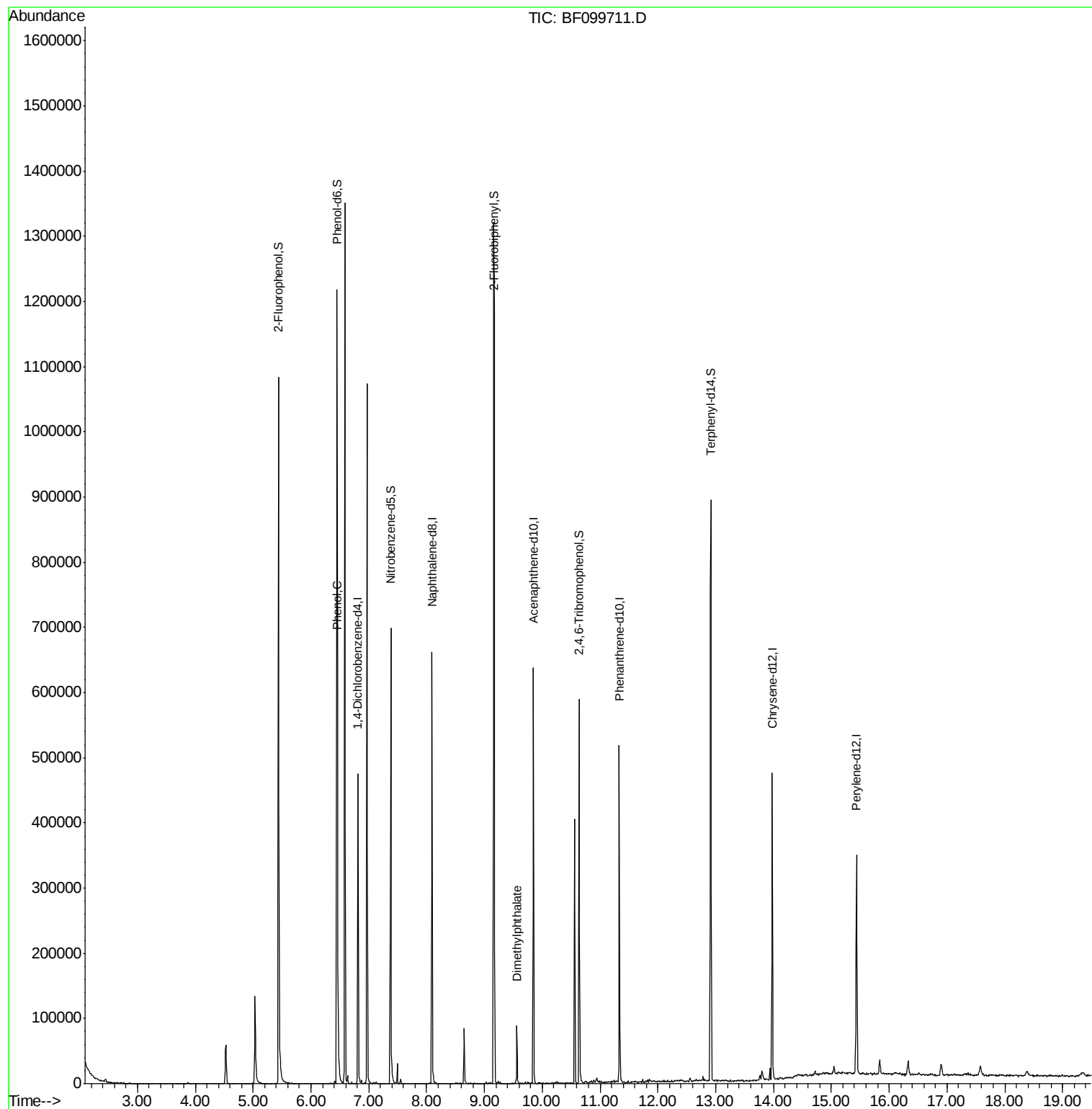
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	77682	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	299427	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	119387	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	175837	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	161279	20.00	ng	-0.01
86) Perylene-d12	15.44	264	153833	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	386623	79.23	ng	0.00
7) Phenol-d6	6.45	99	447282	74.30	ng	-0.01
23) Nitrobenzene-d5	7.38	82	248341	53.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	66979	68.56	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	427306	59.75	ng	-0.01
78) Terphenyl-d14	12.92	244	275250	38.81	ng	0.00
Target Compounds						
10) Phenol	6.46	94	15002	2.228	ng	89
49) Dimethylphthalate	9.56	163	35138	3.900	ng	99

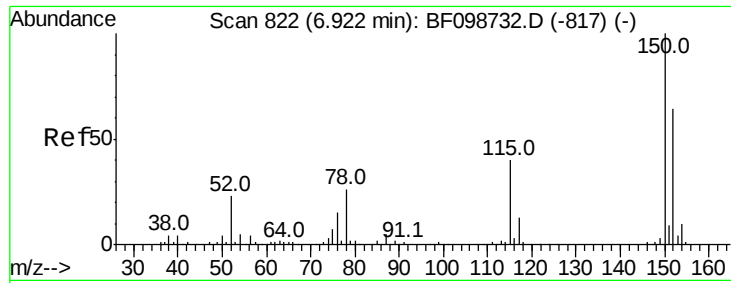
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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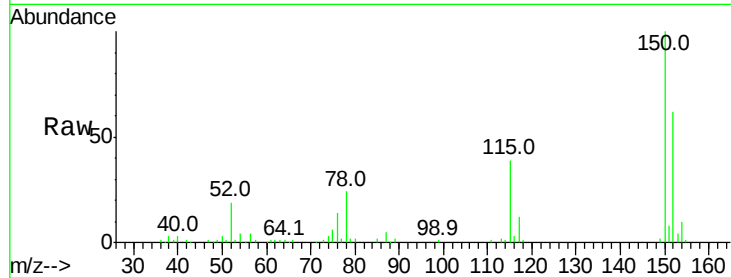


#1

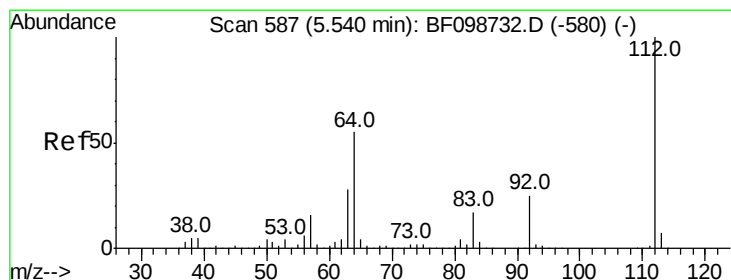
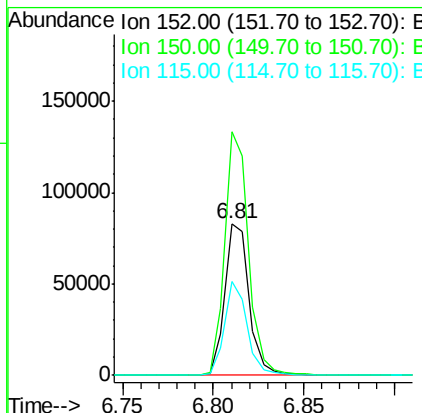
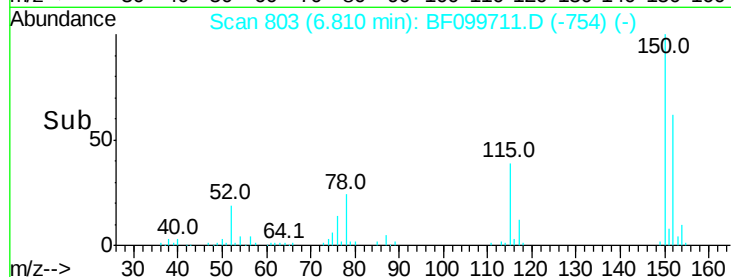
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF099711.D
 Acq: 20 Oct 2017 20:01

Instrument :
 BNA_F
 ClientSampleId :
 20170718-C-COMP1

Tot Ion:152 Resp: 77682
 Ion Ratio Lower Upper
 152 100
 150 160.6 124.6 186.8
 115 62.0 50.1 75.1



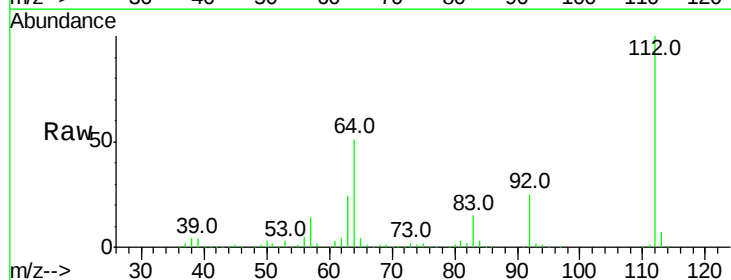
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



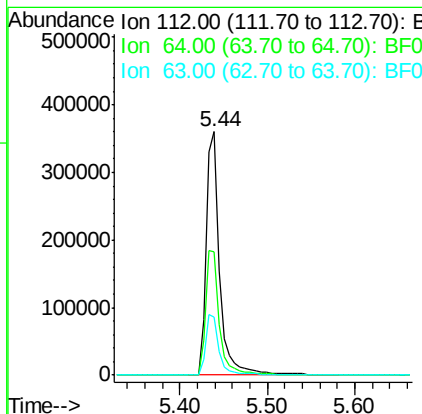
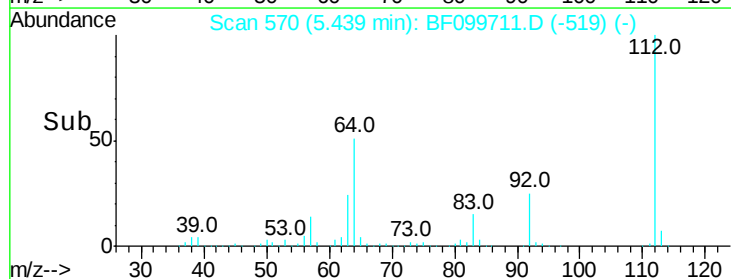
#5

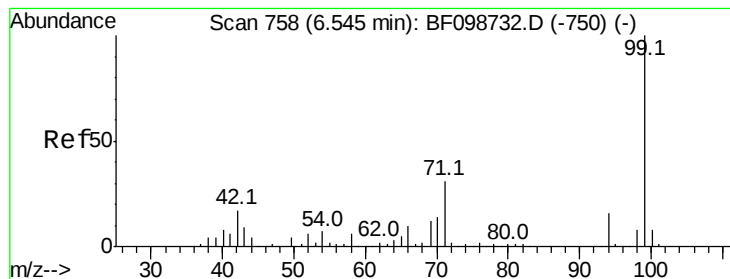
2-Fluorophenol
 Concen: 79.229 ng
 RT: 5.44 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: BF099711.D
 Acq: 20 Oct 2017 20:01

Tgt Ion:112 Resp: 386623
 Ion Ratio Lower Upper
 112 100
 64 50.7 47.9 71.9
 63 24.1 23.7 35.5



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: 74.302 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF099711.D

Acq: 20 Oct 2017 20:01

Instrument :

BNA_F

ClientSampleId :

20170718-C-COMP1

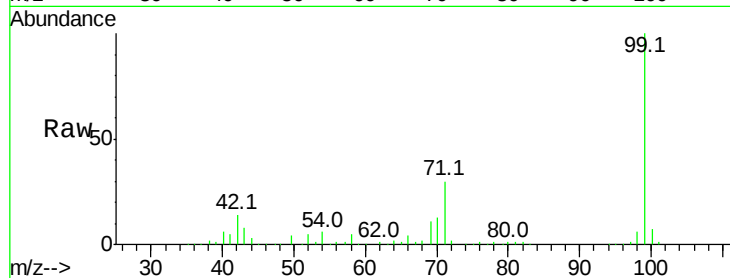
Tot Ion: 99 Resp: 447282

Ion Ratio Lower Upper

99 100

42 14.4 14.5 21.7#

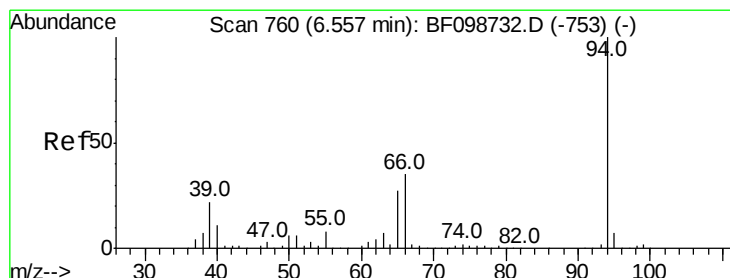
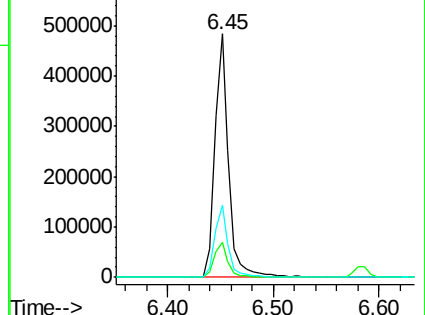
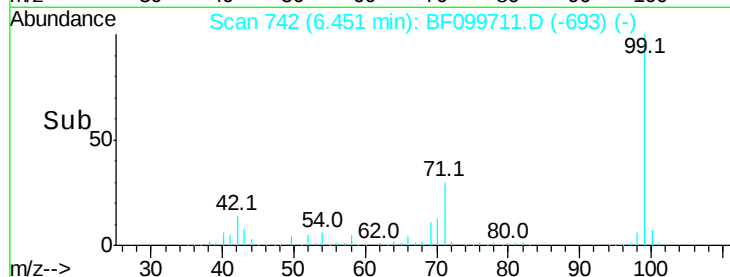
71 29.8 25.4 38.0



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: 2.228 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF099711.D

Acq: 20 Oct 2017 20:01

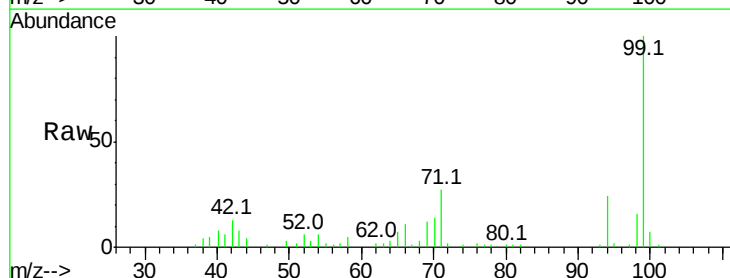
Tgt Ion: 94 Resp: 15002

Ion Ratio Lower Upper

94 100

65 27.8 7.9 47.9

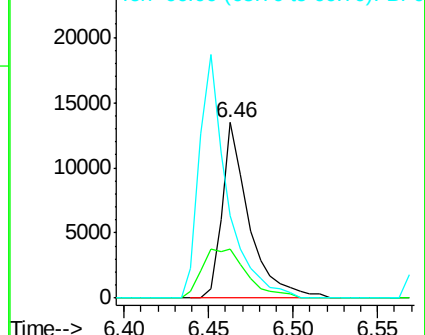
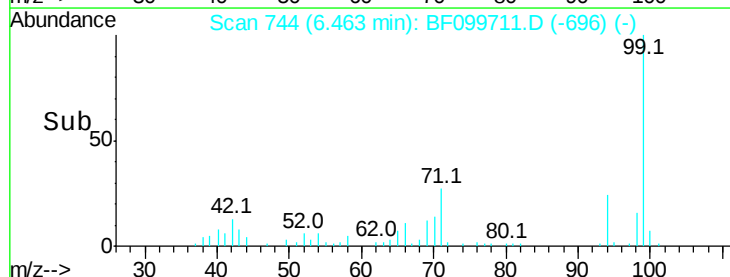
66 47.1 16.2 56.2

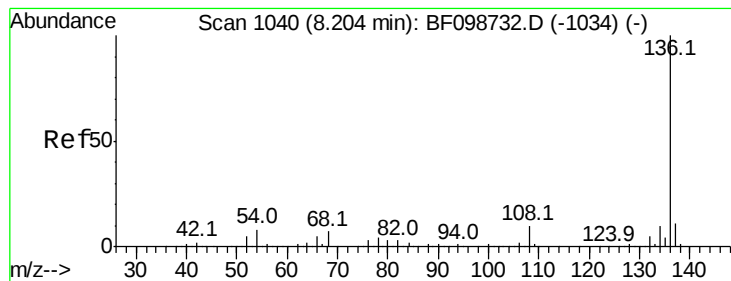


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF099711.D

Acq: 20 Oct 2017 20:01

Instrument :

BNA_F

ClientSampleId :

20170718-C-COMP1

Tot Ion:136 Resp: 299427

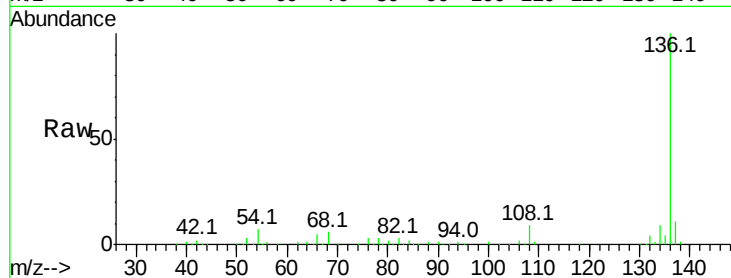
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.6 6.6 9.8

68 5.6 5.0 7.4

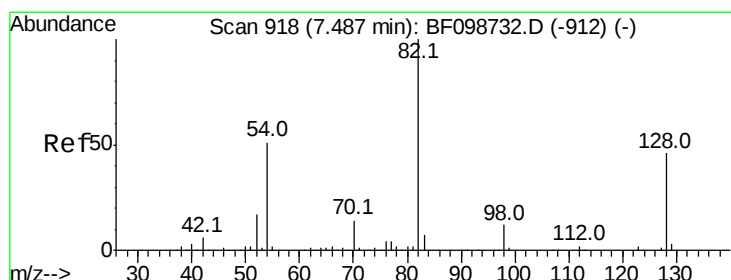
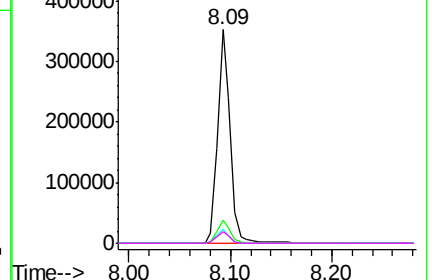
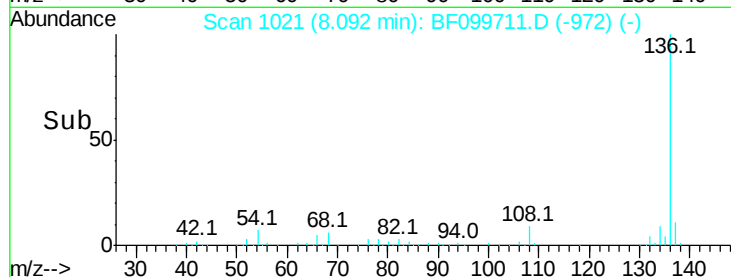


Abundance Ion 136.00 (135.70 to 136.70): E

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: 53.189 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF099711.D

Acq: 20 Oct 2017 20:01

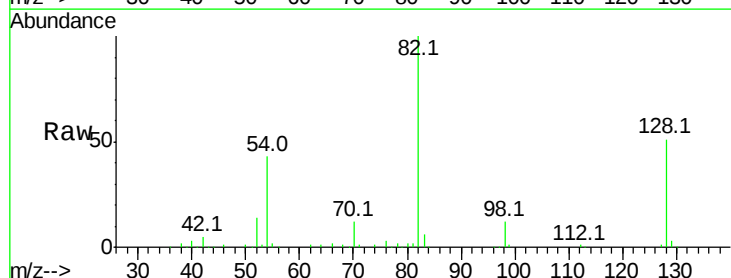
Tgt Ion: 82 Resp: 248341

Ion Ratio Lower Upper

82 100

128 50.9 36.1 54.1

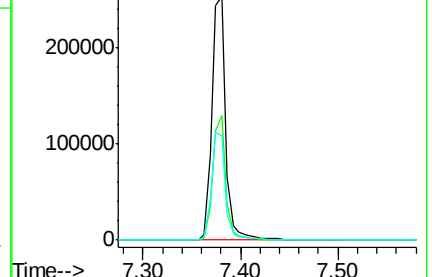
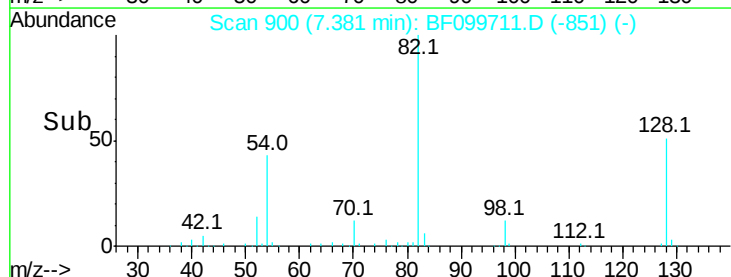
54 42.6 41.4 62.2

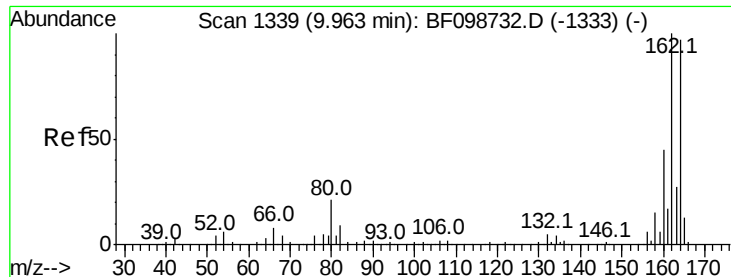


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

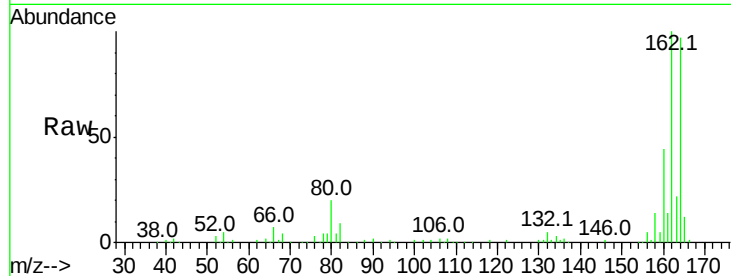




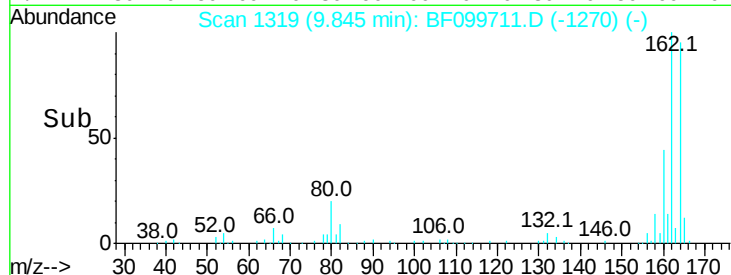
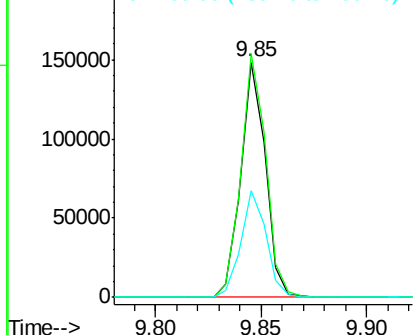
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF099711.D
Acq: 20 Oct 2017 20:01

Instrument :
BNA_F
ClientSampleId :
20170718-C-COMP1

Tot Ion:164 Resp: 119387
Ion Ratio Lower Upper
164 100
162 103.5 86.1 129.1
160 45.2 38.3 57.5

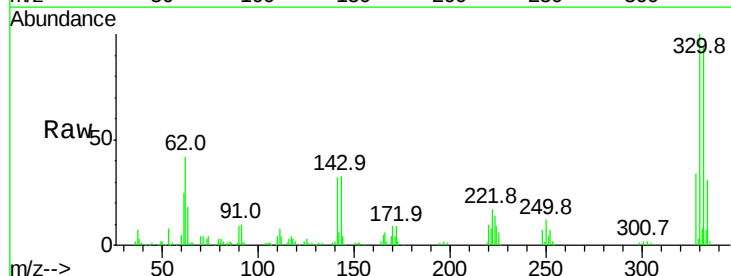


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

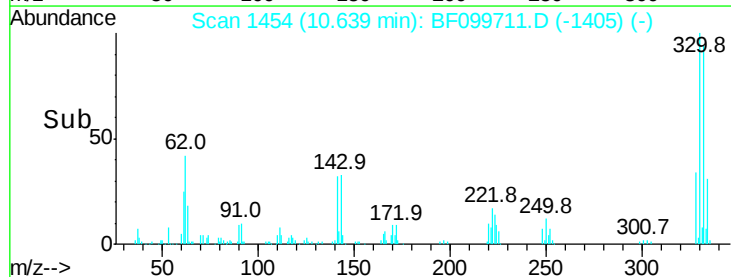
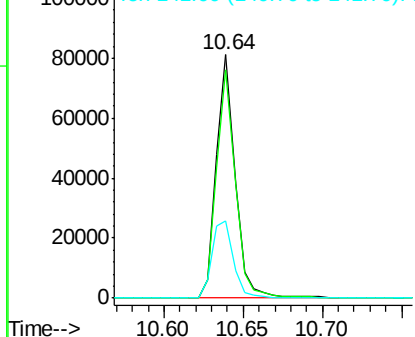


#41
2,4,6-Tribromophenol
Concen: 68.562 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF099711.D
Acq: 20 Oct 2017 20:01

Tgt Ion:330 Resp: 66979
Ion Ratio Lower Upper
330 100
332 94.6 77.0 115.6
141 36.4 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

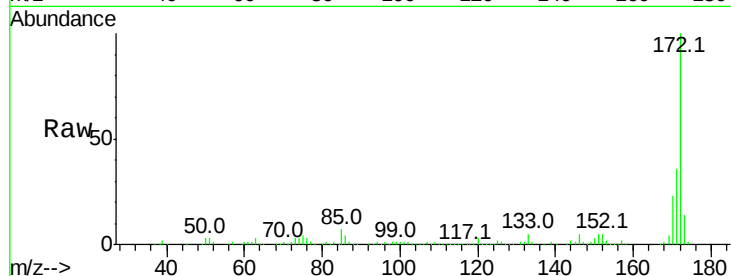




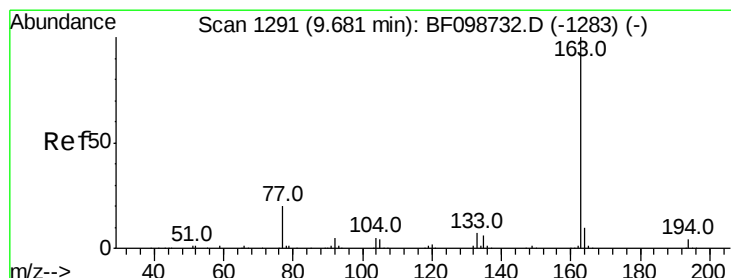
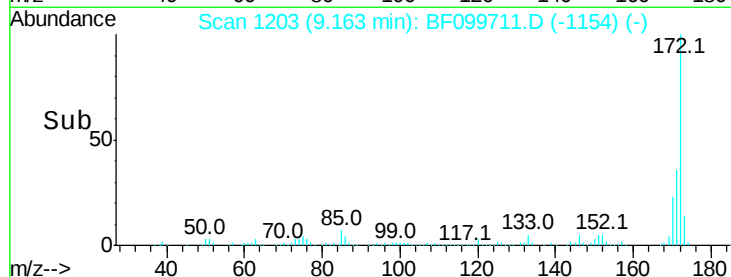
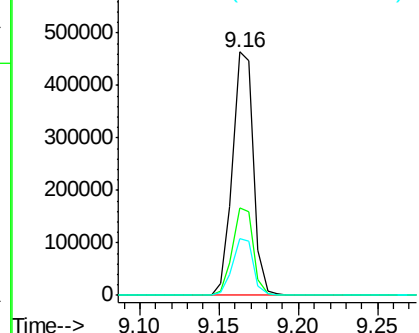
#44
2-Fluorobiphenyl
Concen: 59.751 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF099711.D
Acq: 20 Oct 2017 20:01

Instrument :
BNA_F
ClientSampleId :
20170718-C-COMP1

Tot Ion:172 Resp: 427306
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 23.3 19.6 29.4

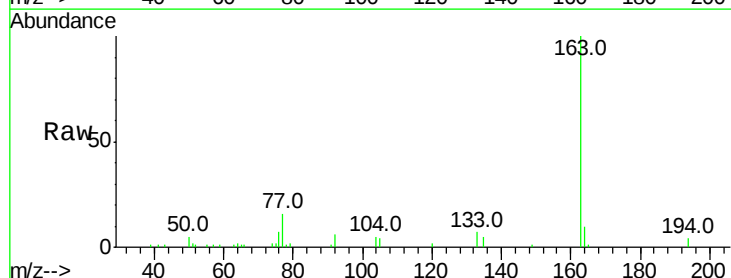


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

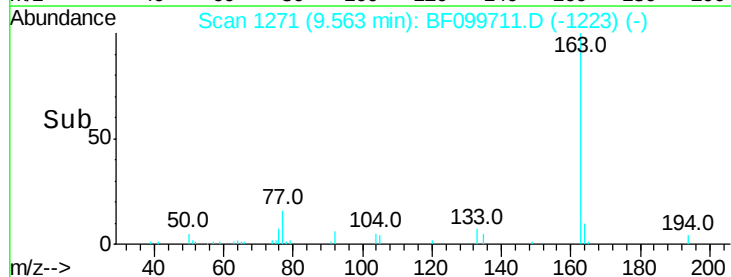
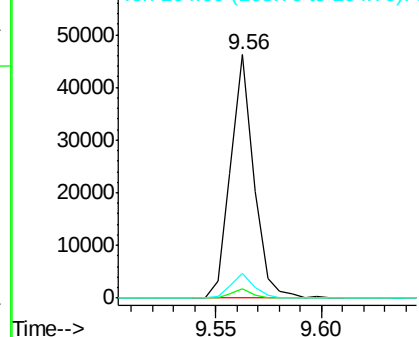


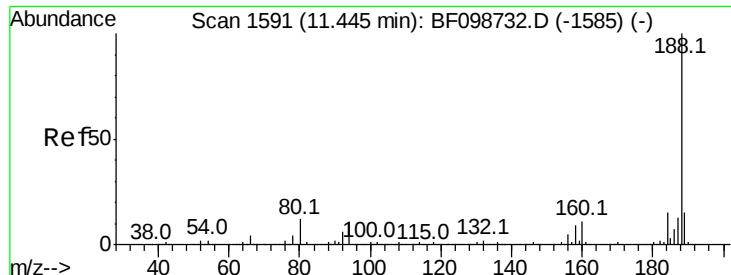
#49
Dimethylphthalate
Concen: 3.900 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF099711.D
Acq: 20 Oct 2017 20:01

Tgt Ion:163 Resp: 35138
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.2 8.2 12.2



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

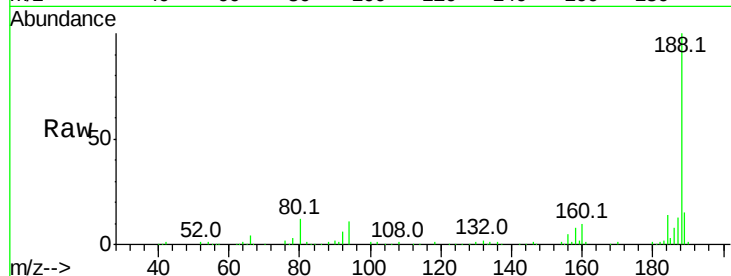




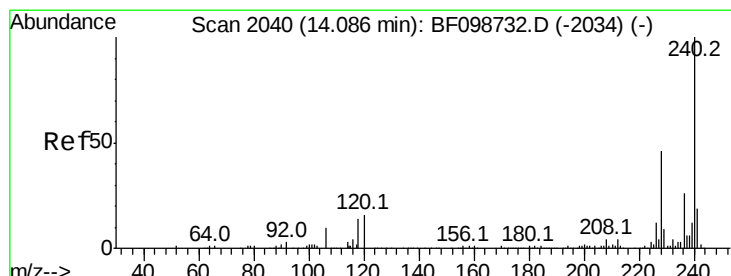
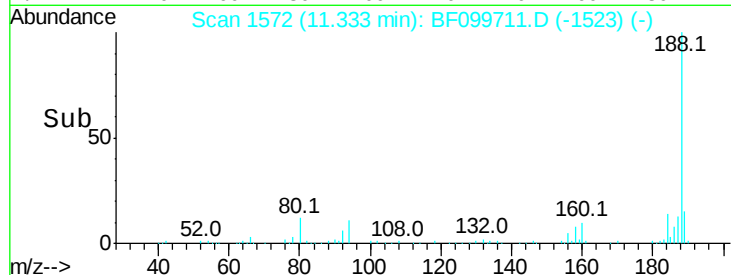
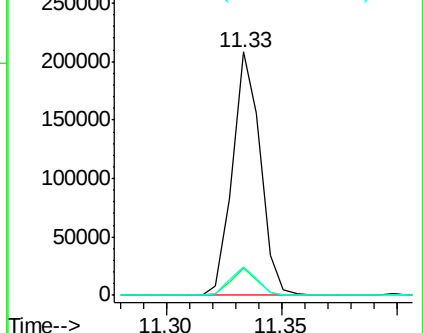
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF099711.D
Acq: 20 Oct 2017 20:01

Instrument :
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ClientSampleId :
20170718-C-COMP1

Tot Ion:188 Resp: 175837
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 11.9 9.2 13.8

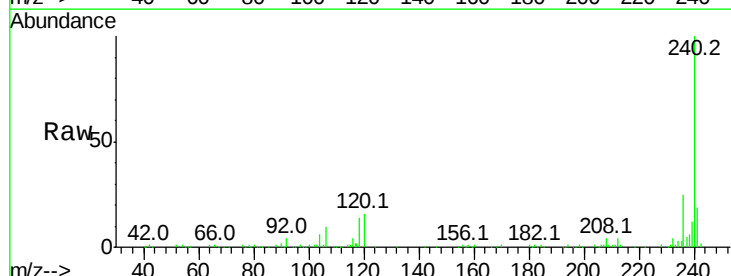


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

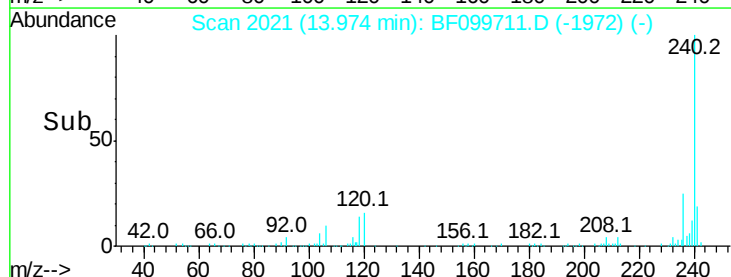
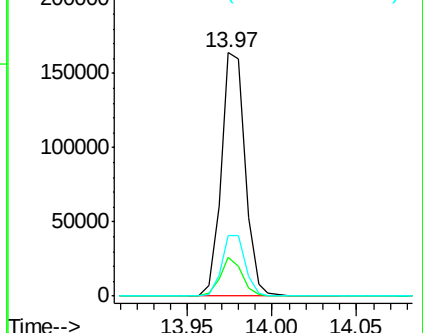


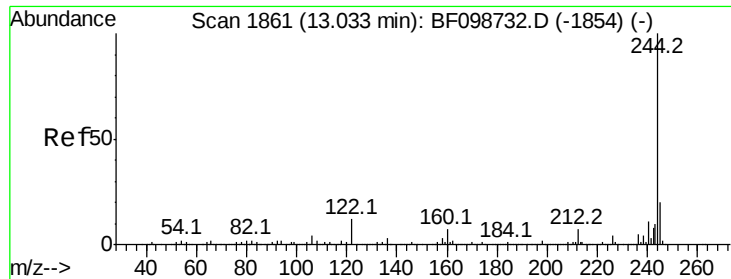
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF099711.D
Acq: 20 Oct 2017 20:01

Tgt Ion:240 Resp: 161279
Ion Ratio Lower Upper
240 100
120 15.7 9.5 14.3#
236 25.0 20.7 31.1



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: 38.813 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF099711.D

Acq: 20 Oct 2017 20:01

Instrument :

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20170718-C-COMP1

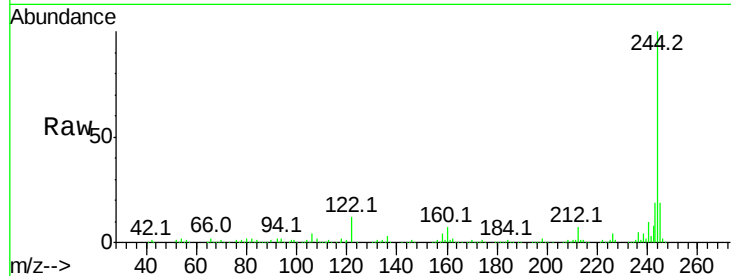
Tot Ion:244 Resp: 275250

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

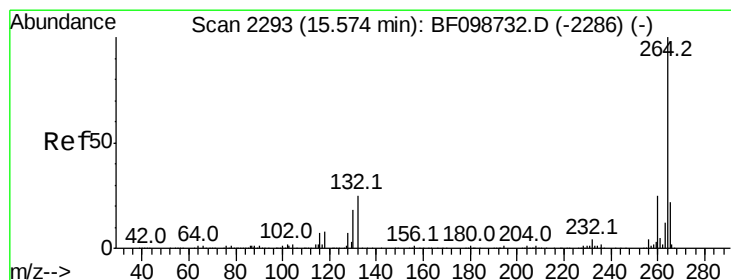
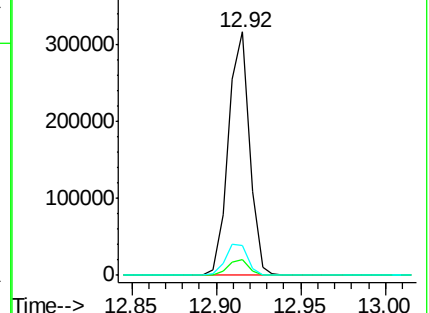
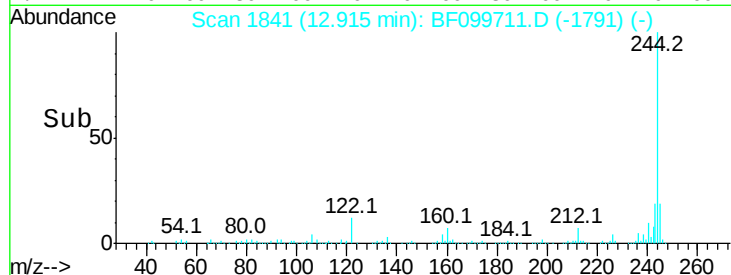
122 12.4 11.0 16.4



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: 15.44 min Scan# 2270

Delta R.T. -0.00 min

Lab File: BF099711.D

Acq: 20 Oct 2017 20:01

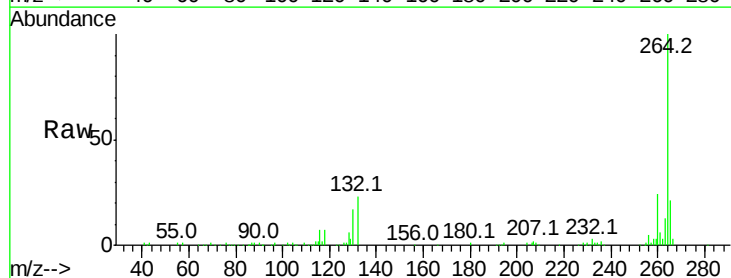
Tgt Ion:264 Resp: 153833

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 20.7 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

