

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
 Data File : BF098862.D
 Acq On : 27 Sep 2017 14:45
 Operator : SJ/JU
 Sample : I5434-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UT5400535

Quant Time: Sep 28 02:54:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

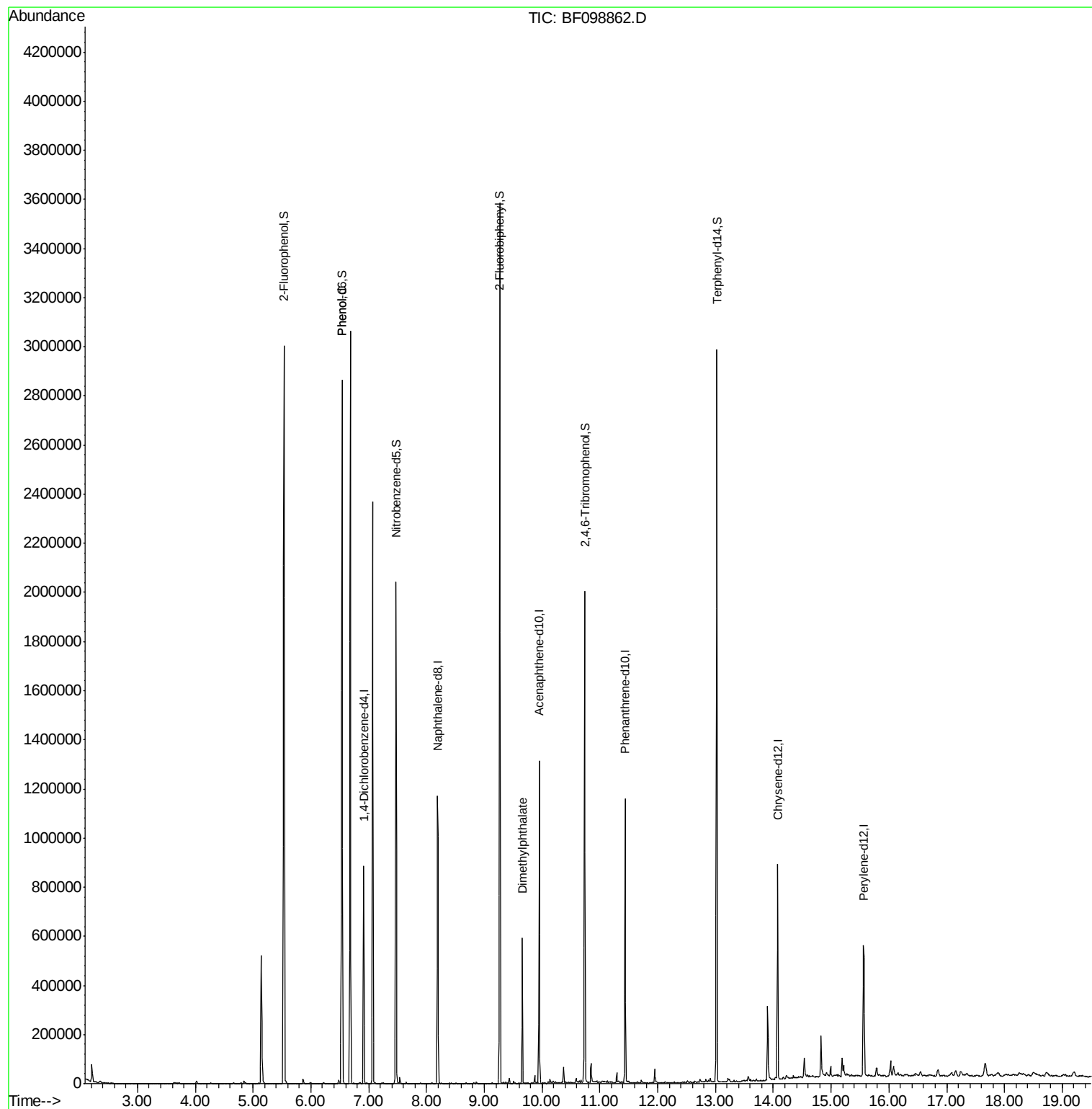
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	129748	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	532238	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	238345	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	410735	20.00	ng	0.00
75) Chrysene-d12	14.07	240	261378	20.00	ng	-0.01
86) Perylene-d12	15.56	264	233514	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	905129	111.05	ng	0.00
7) Phenol-d6	6.54	99	1127534	112.14	ng	0.00
23) Nitrobenzene-d5	7.47	82	661617	79.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	216379	110.95	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1057270	74.05	ng	-0.01
78) Terphenyl-d14	13.02	244	933178	81.19	ng	-0.01
Target Compounds						
10) Phenol	6.55	94	37868	3.368	ng	Qvalue # 71
49) Dimethylphthalate	9.66	163	217658	12.100	ng	99

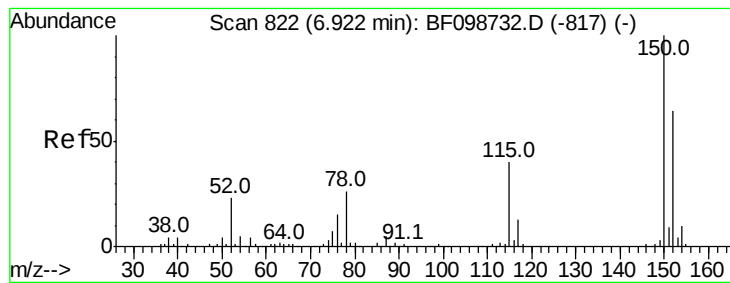
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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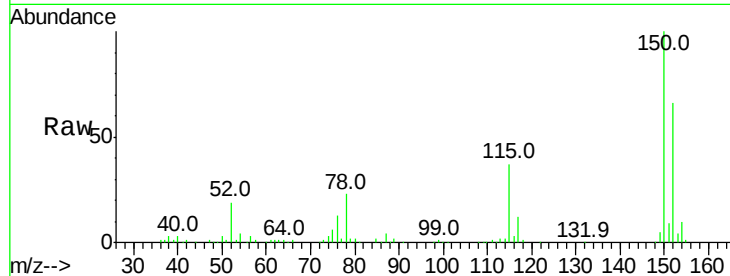


#1

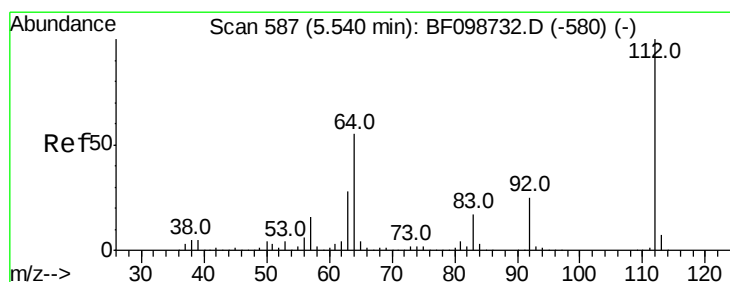
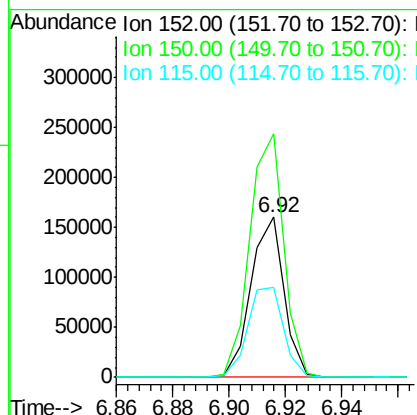
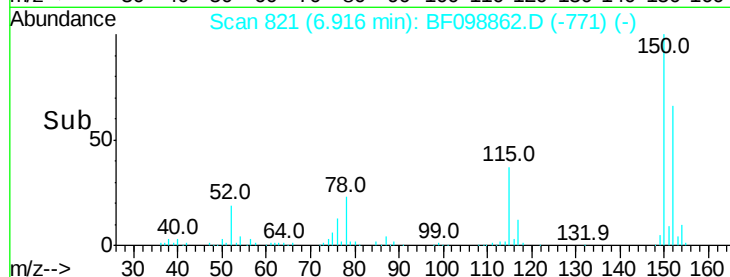
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF098862.D
 Acq: 27 Sep 2017 14:45

Instrument :
 BNA_F
 ClientSampleId :
 UT5400535

Tot Ion:152 Resp: 129748
 Ion Ratio Lower Upper
 152 100
 150 152.2 124.6 186.8
 115 55.9 50.1 75.1



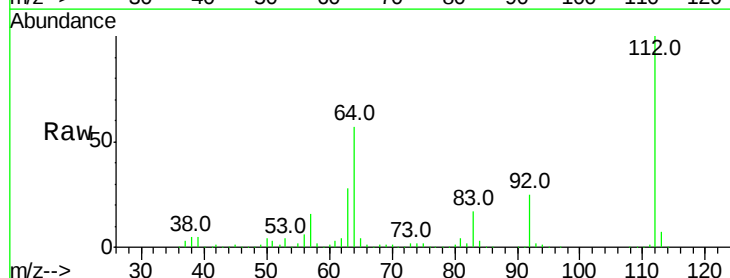
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



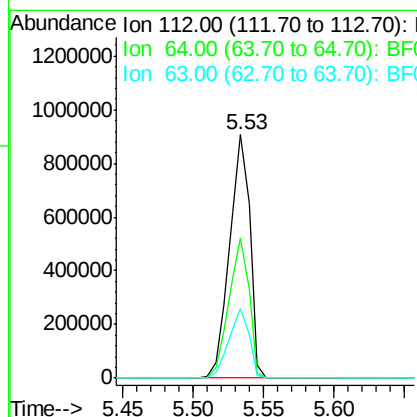
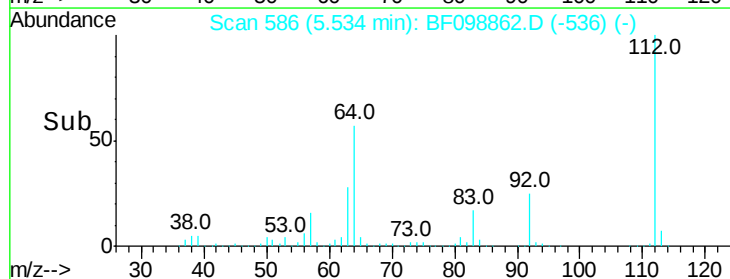
#5

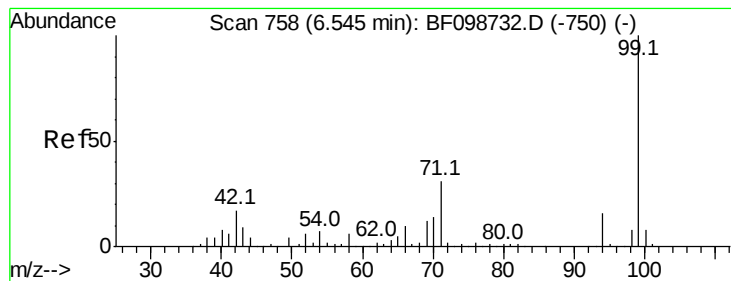
2-Fluorophenol
 Concen: 111.052 ng
 RT: 5.53 min Scan# 586
 Delta R.T. -0.01 min
 Lab File: BF098862.D
 Acq: 27 Sep 2017 14:45

Tgt Ion:112 Resp: 905129
 Ion Ratio Lower Upper
 112 100
 64 57.2 47.9 71.9
 63 28.5 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: 112.141 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098862.D

Acq: 27 Sep 2017 14:45

Instrument :

BNA_F

ClientSampleId :

UT5400535

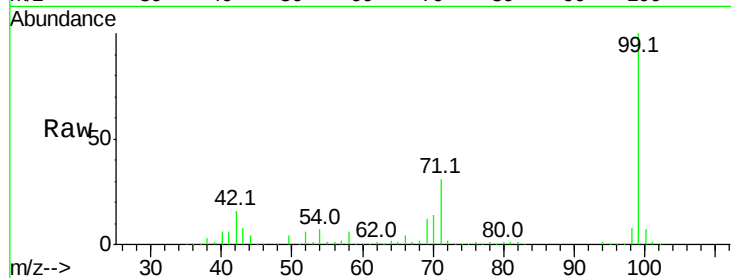
Tot Ion: 99 Resp: 1127534

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

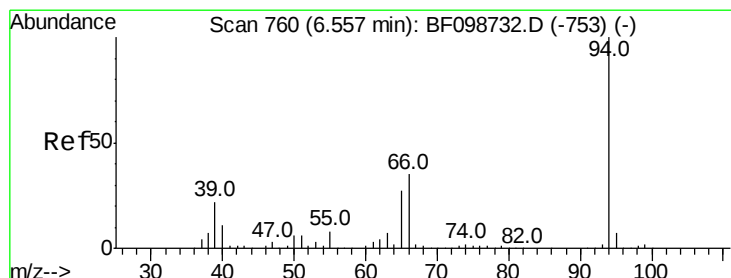
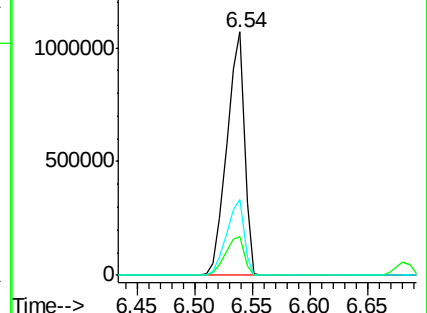
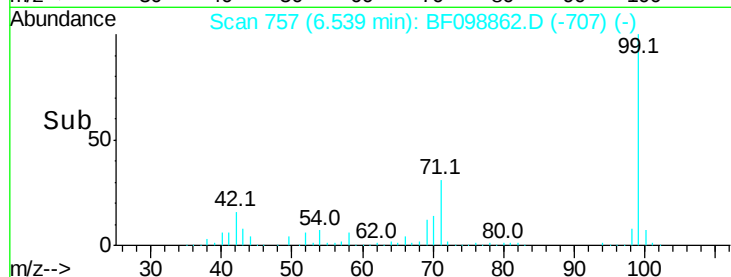
71 30.9 25.4 38.0



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: 3.368 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF098862.D

Acq: 27 Sep 2017 14:45

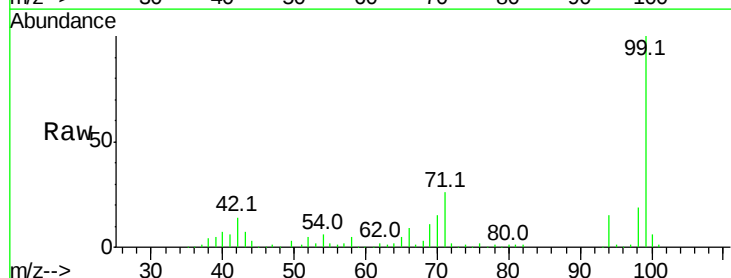
Tgt Ion: 94 Resp: 37868

Ion Ratio Lower Upper

94 100

65 33.0 7.9 47.9

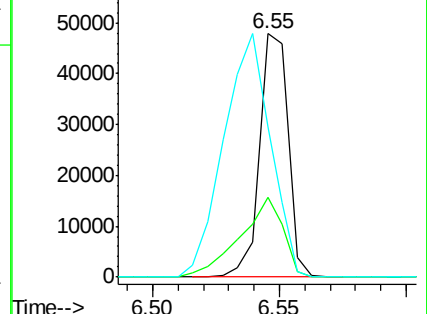
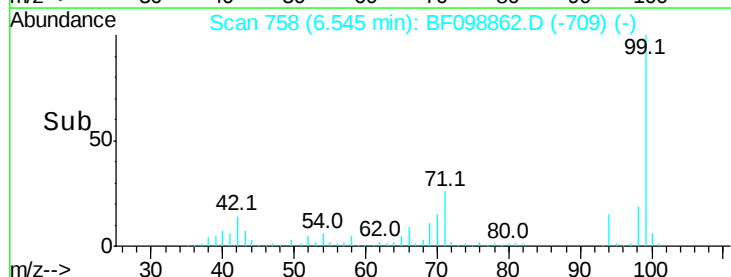
66 61.9 16.2 56.2#

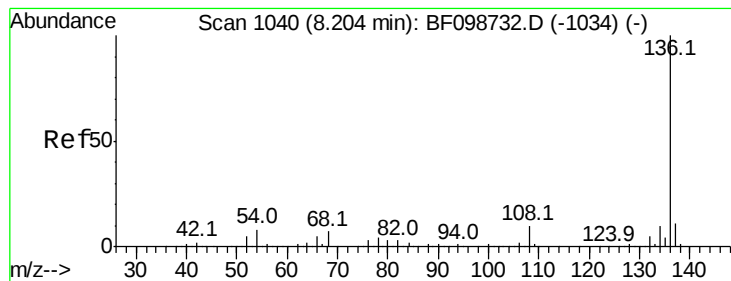


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF098862.D

Acq: 27 Sep 2017 14:45

Instrument :

BNA_F

ClientSampleId :

UT5400535

Tot Ion:136 Resp: 532238

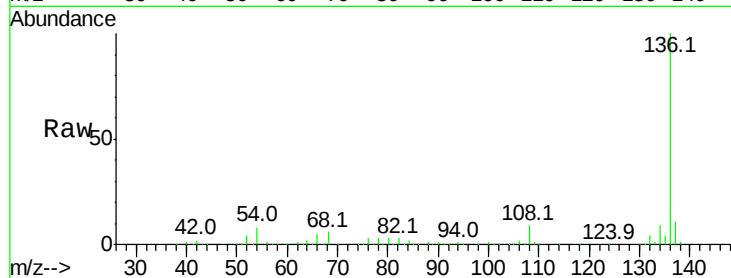
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.0 6.6 9.8

68 6.2 5.0 7.4

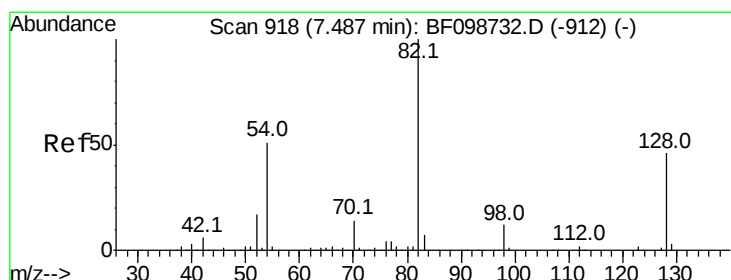
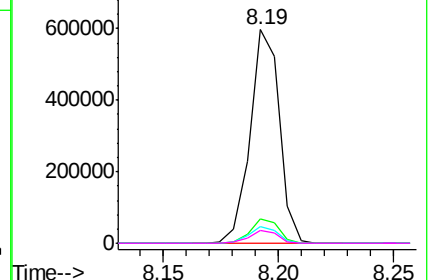
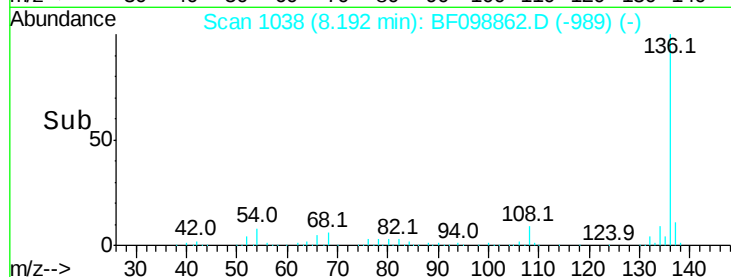


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.719 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF098862.D

Acq: 27 Sep 2017 14:45

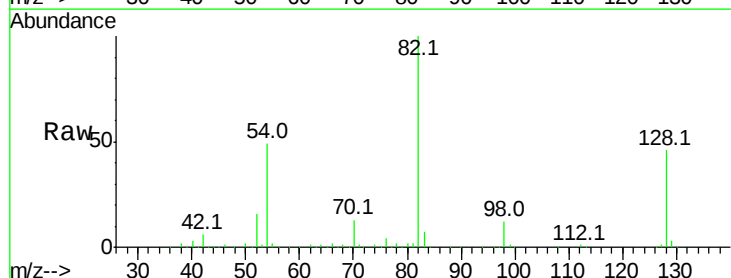
Tgt Ion: 82 Resp: 661617

Ion Ratio Lower Upper

82 100

128 46.2 36.1 54.1

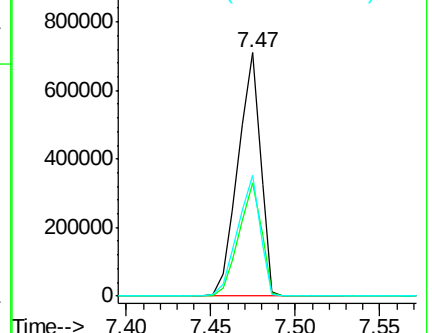
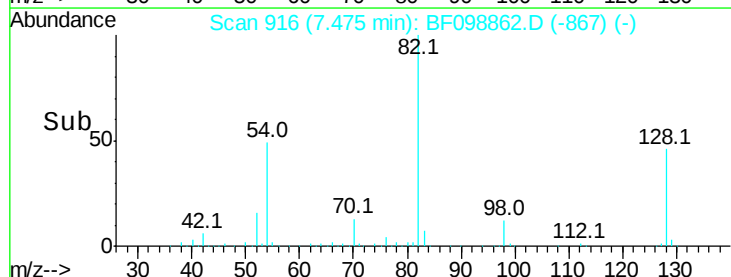
54 49.4 41.4 62.2

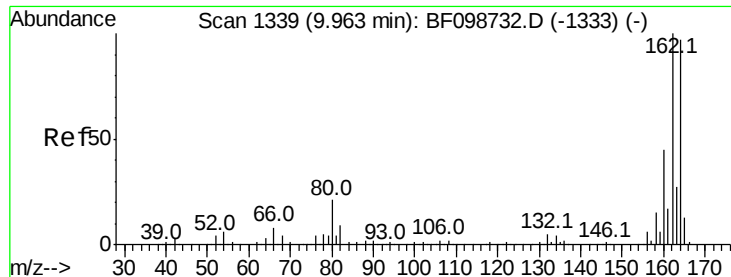


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

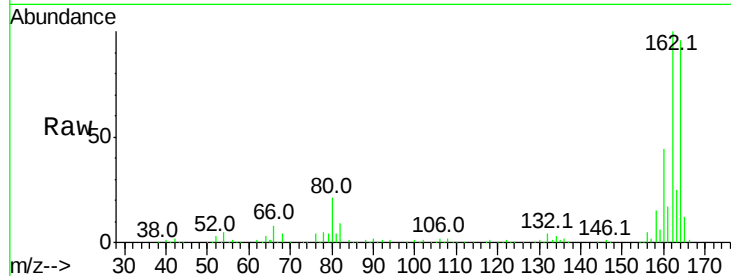




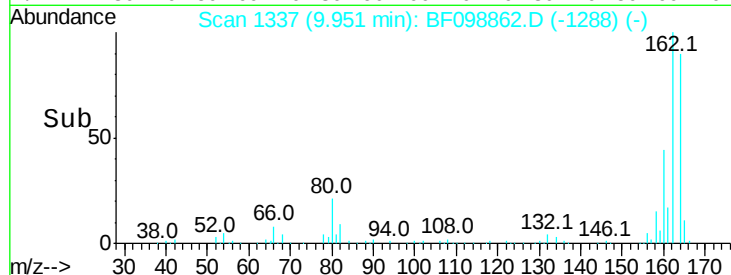
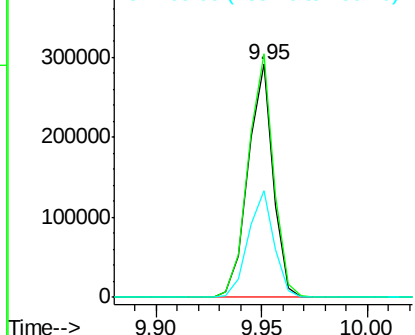
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098862.D
Acq: 27 Sep 2017 14:45

Instrument :
BNA_F
ClientSampleId :
UT5400535

Tot Ion:164 Resp: 238345
Ion Ratio Lower Upper
164 100
162 104.6 86.1 129.1
160 46.0 38.3 57.5

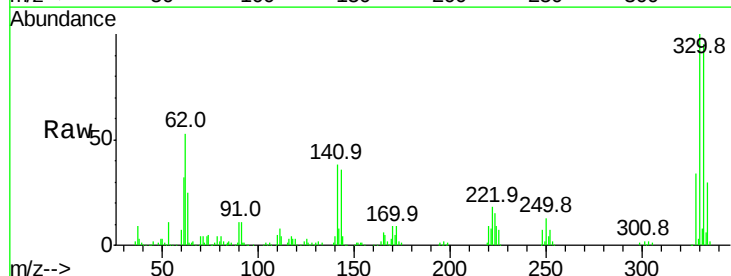


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

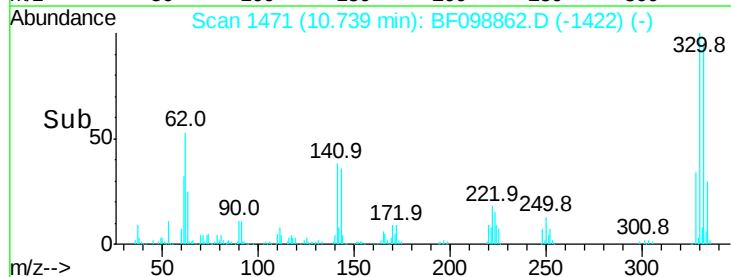
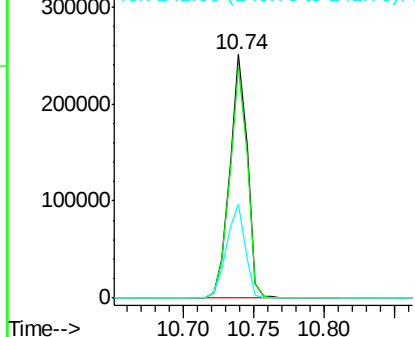


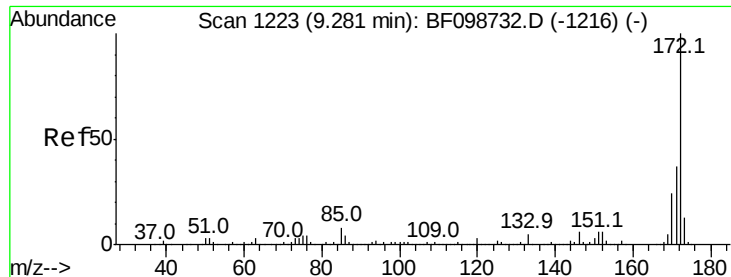
#41
2,4,6-Tribromophenol
Concen: 110.946 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.01 min
Lab File: BF098862.D
Acq: 27 Sep 2017 14:45

Tgt Ion:330 Resp: 216379
Ion Ratio Lower Upper
330 100
332 95.4 77.0 115.6
141 40.7 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



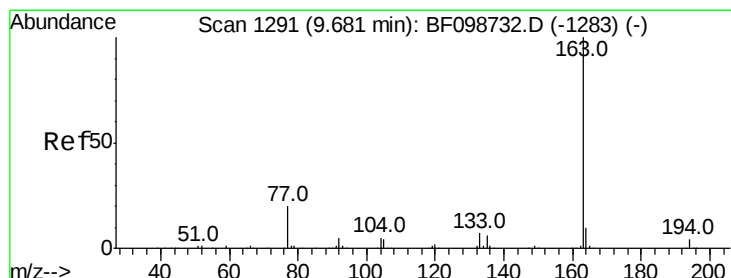
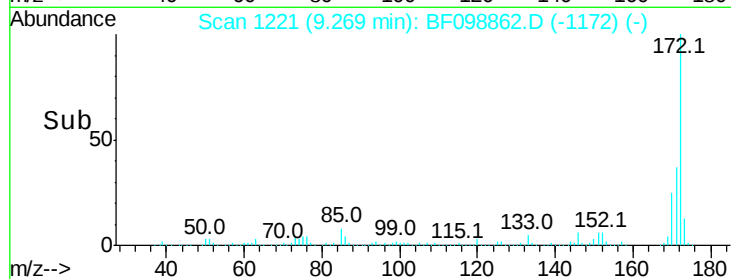
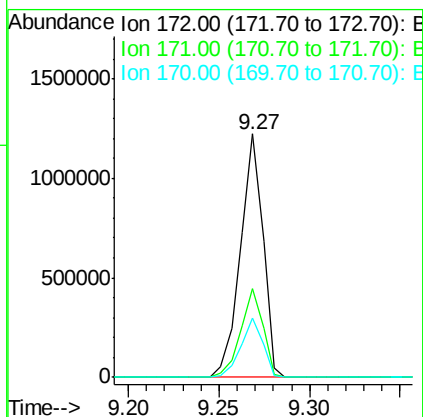
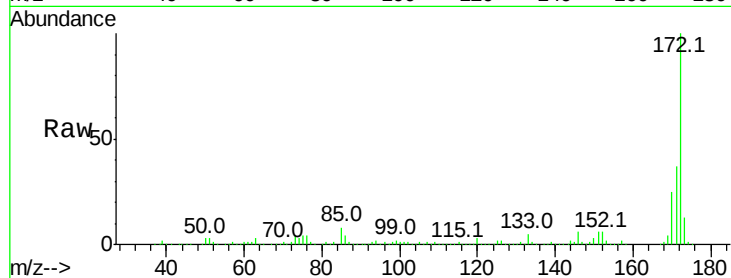


#44
 2-Fluorobiphenyl
 Concen: 74.053 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098862.D
 Acq: 27 Sep 2017 14:45

Instrument :
 BNA_F
 ClientSampleId :
 UT5400535

Tot Ion:172 Resp: 1057270

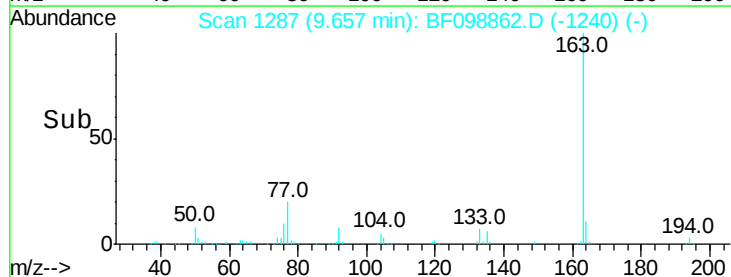
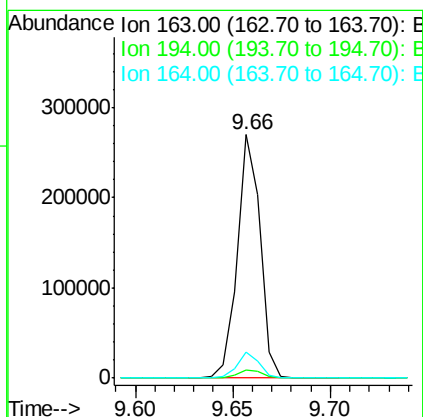
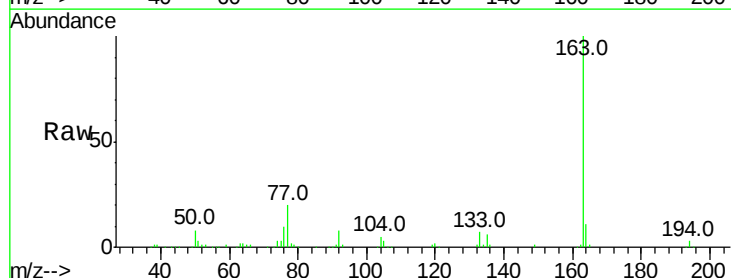
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.6	19.6	29.4

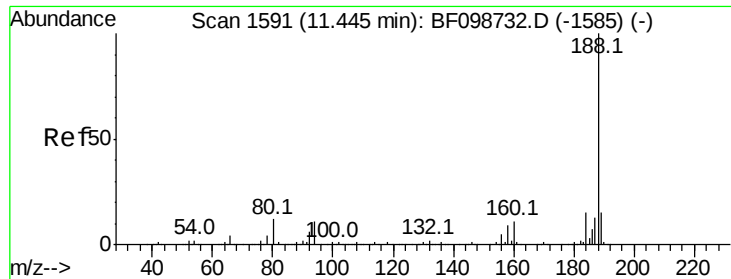


#49
 Dimethylphthalate
 Concen: 12.100 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.02 min
 Lab File: BF098862.D
 Acq: 27 Sep 2017 14:45

Tgt Ion:163 Resp: 217658

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.7	8.2	12.2

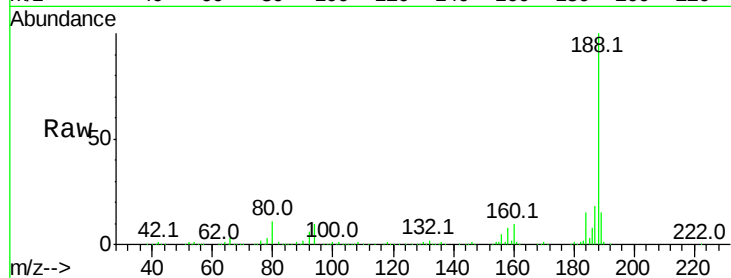




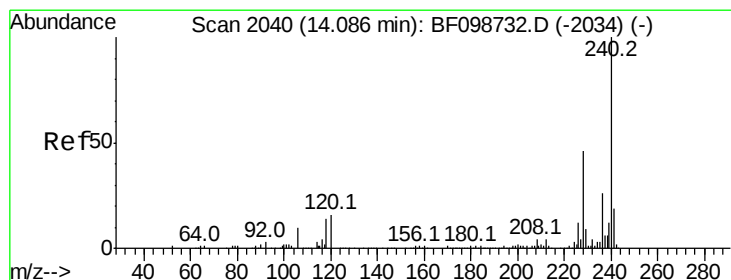
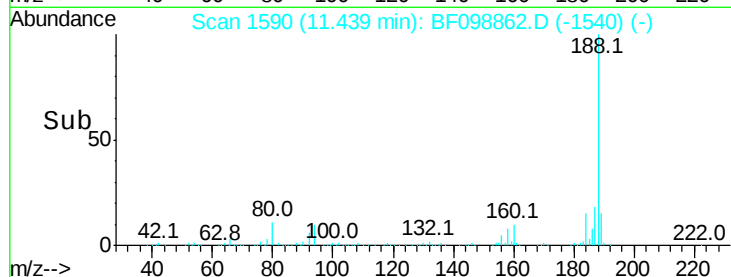
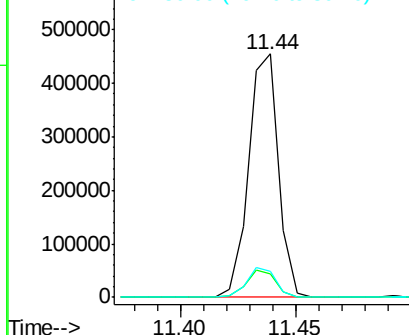
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098862.D
Acq: 27 Sep 2017 14:45

Instrument :
BNA_F
ClientSampleId :
UT5400535

Tot Ion:188 Resp: 410735
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.6 9.2 13.8

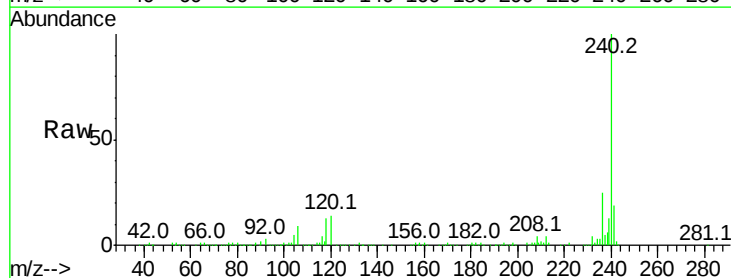


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

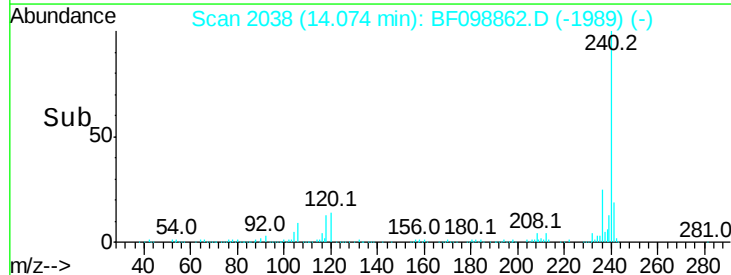
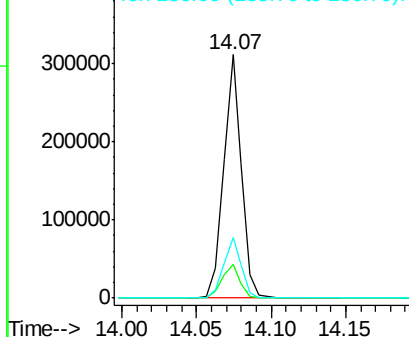


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF098862.D
Acq: 27 Sep 2017 14:45

Tgt Ion:240 Resp: 261378
Ion Ratio Lower Upper
240 100
120 13.7 9.5 14.3
236 24.8 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: 81.194 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098862.D

Acq: 27 Sep 2017 14:45

Instrument :

BNA_F

ClientSampleId :

UT5400535

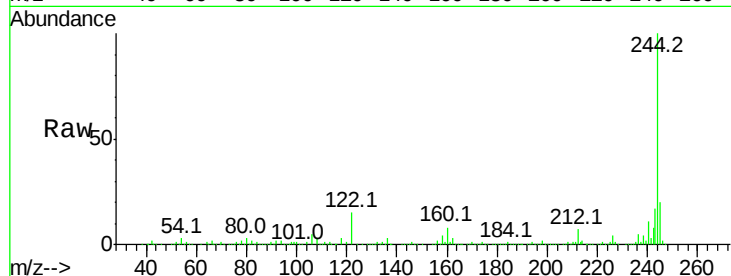
Tot Ion:244 Resp: 933178

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

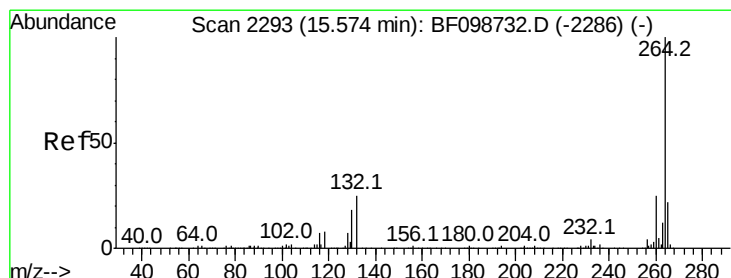
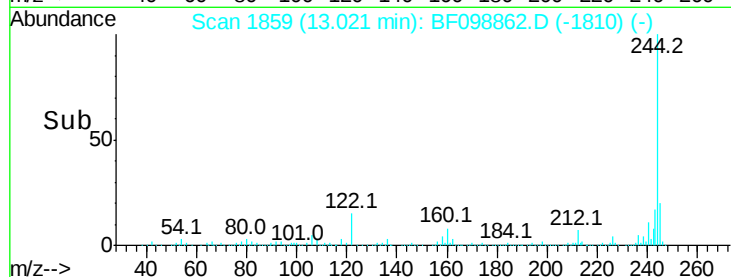
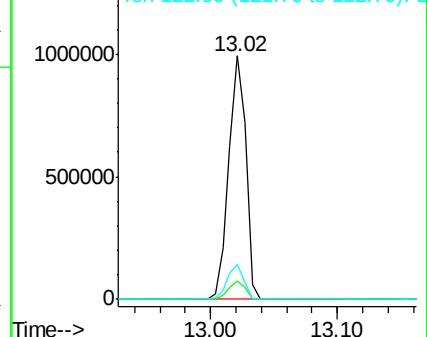
122 14.5 11.0 16.4



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: 15.56 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF098862.D

Acq: 27 Sep 2017 14:45

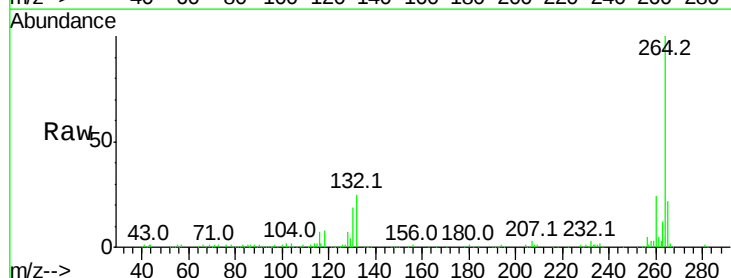
Tgt Ion:264 Resp: 233514

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 22.5 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

