

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071118\
 Data File : BM015893.D
 Acq On : 11 Jul 2018 17:45
 Operator : SJ/JU
 Sample : J3906-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 12 03:50:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 05 17:39:50 2018
 Response via : Initial Calibration

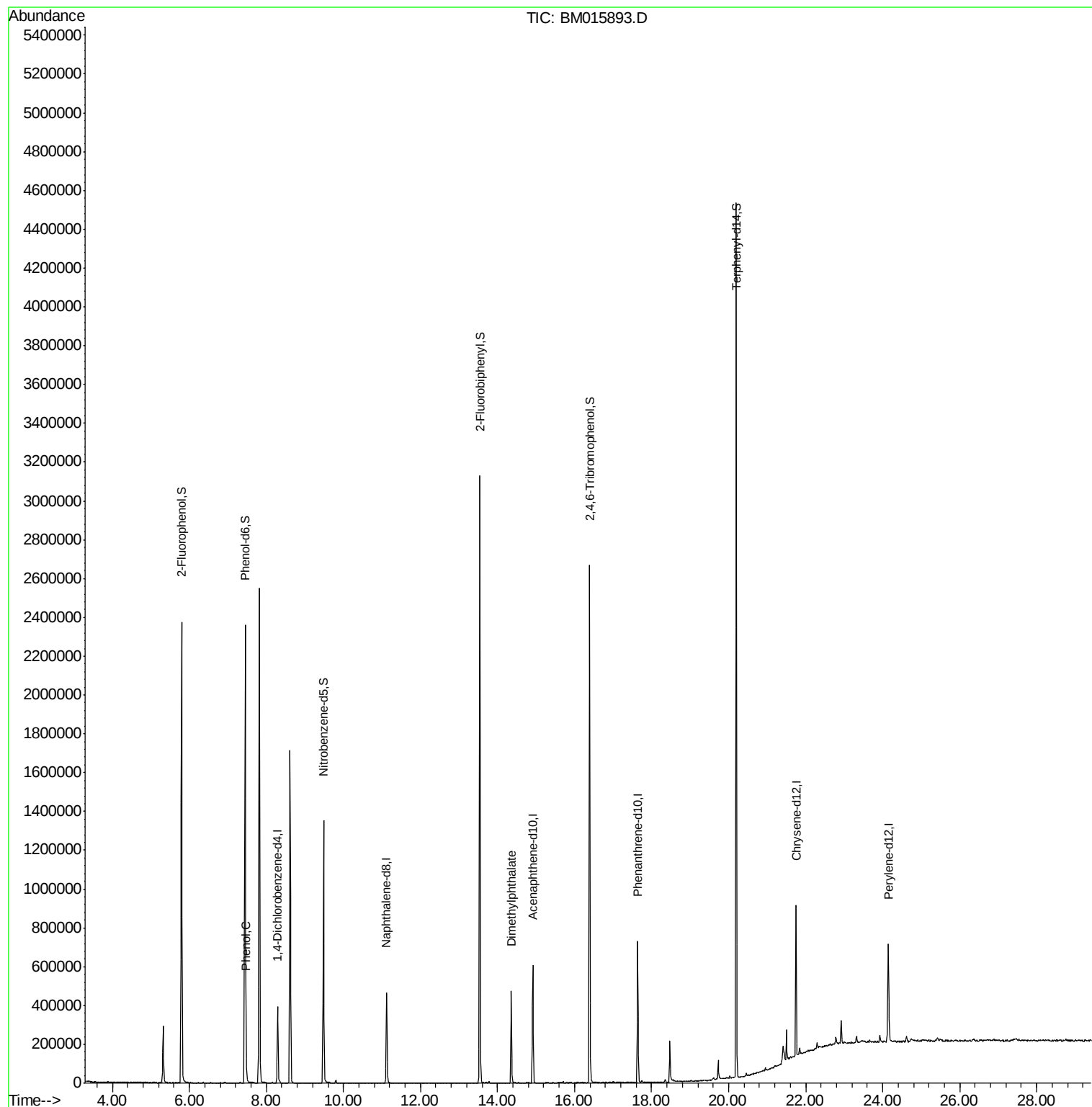
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	91305	20.00	ng	-0.02
21) Naphthalene-d8	11.12	136	353313	20.00	ng	-0.03
38) Acenaphthene-d10	14.92	164	185462	20.00	ng	-0.02
63) Phenanthrene-d10	17.64	188	371635	20.00	ng	-0.02
75) Chrysene-d12	21.75	240	335775	20.00	ng	-0.02
86) Perylene-d12	24.14	264	340980	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	825051	154.97	ng	-0.02
7) Phenol-d6	7.45	99	1052029	144.34	ng	-0.02
23) Nitrobenzene-d5	9.48	82	697406	96.31	ng	-0.02
41) 2,4,6-Tribromophenol	16.39	330	335015	138.25	ng	-0.02
44) 2-Fluorobiphenyl	13.54	172	1319814	88.35	ng	-0.02
78) Terphenyl-d14	20.20	244	1669952	92.25	ng	-0.02
Target Compounds						
10) Phenol	7.47	94	53759	7.340	ng	97
49) Dimethylphthalate	14.36	163	269274	16.463	ng	98

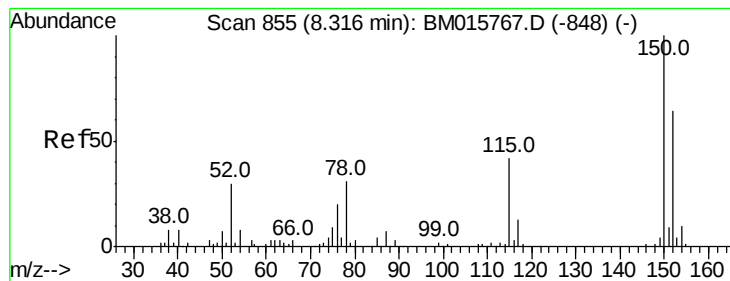
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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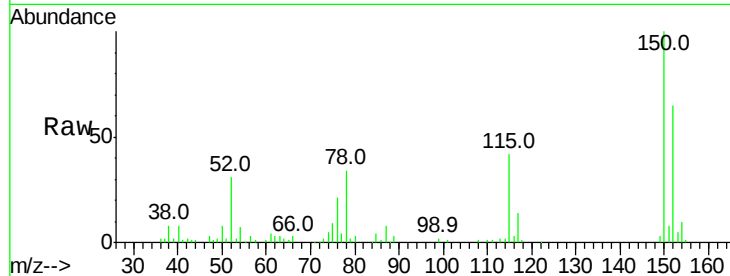




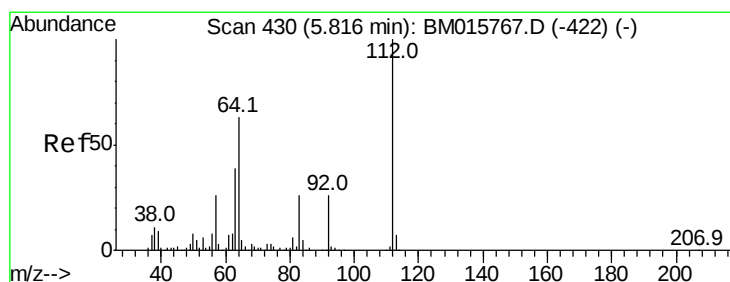
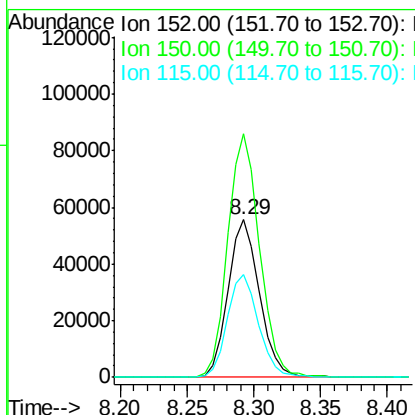
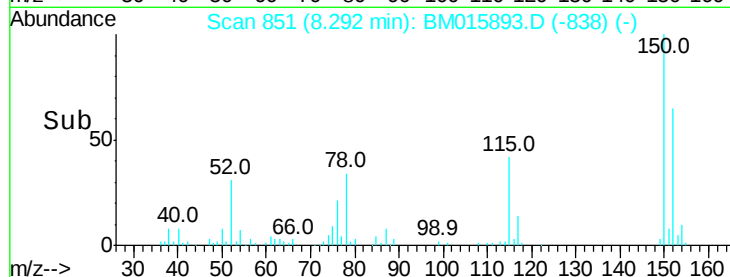
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.29 min Scan# 851
 Delta R.T. -0.02 min
 Lab File: BM015893.D
 Acq: 11 Jul 2018 17:45

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:152 Resp: 91305
 Ion Ratio Lower Upper
 152 100
 150 154.5 119.5 179.3
 115 65.4 43.0 64.4#

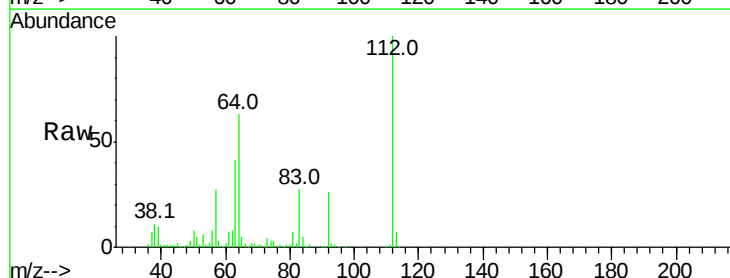


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

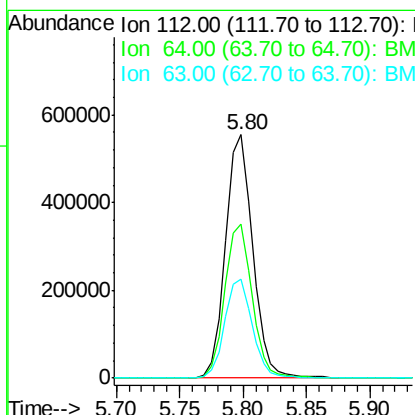
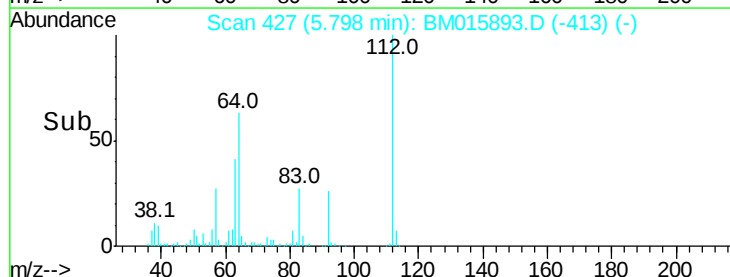


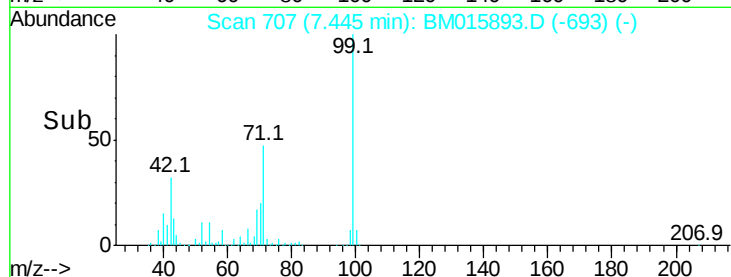
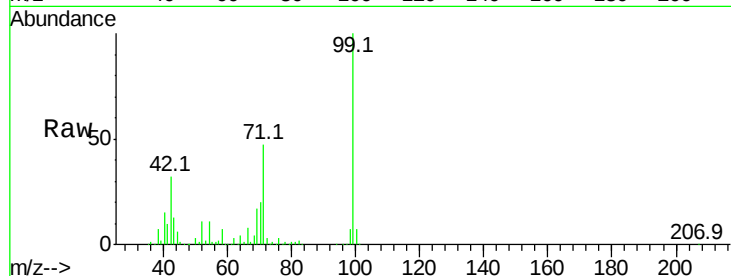
#5
 2-Fluorophenol
 Concen: Below ng
 RT: 5.80 min Scan# 427
 Delta R.T. -0.02 min
 Lab File: BM015893.D
 Acq: 11 Jul 2018 17:45

Tgt Ion:112 Resp: 825051
 Ion Ratio Lower Upper
 112 100
 64 63.1 38.6 57.8#
 63 40.5 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BM0
 Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: N.D. ng

RT: 7.45 min Scan# 707

Delta R.T. -0.02 min

Lab File: BM015893.D

Acq: 11 Jul 2018 17:45

Instrument :

BNA_M

ClientSampled :

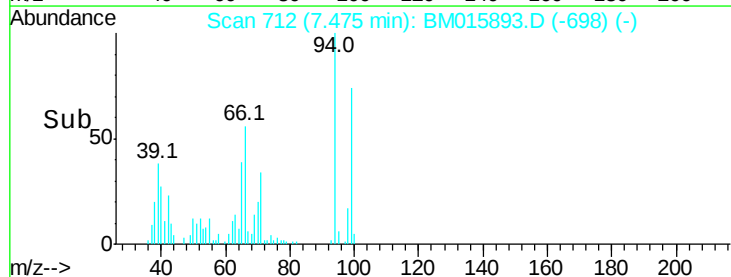
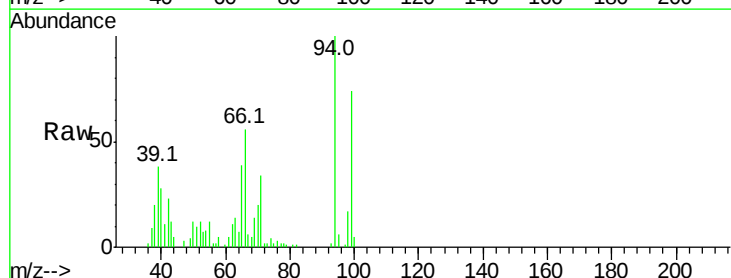
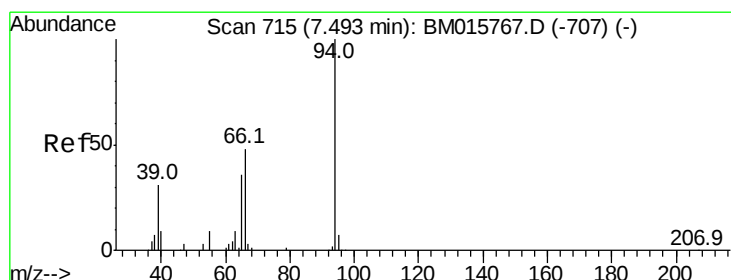
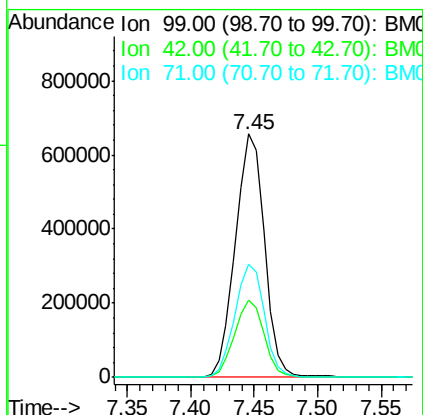
Tot Ion: 99 Resp: 1052029

Ion Ratio Lower Upper

99 100

42 31.7 11.0 16.4#

71 46.6 23.4 35.2#



#10

Phenol

Concen: 7.340 ng

RT: 7.47 min Scan# 712

Delta R.T. -0.02 min

Lab File: BM015893.D

Acq: 11 Jul 2018 17:45

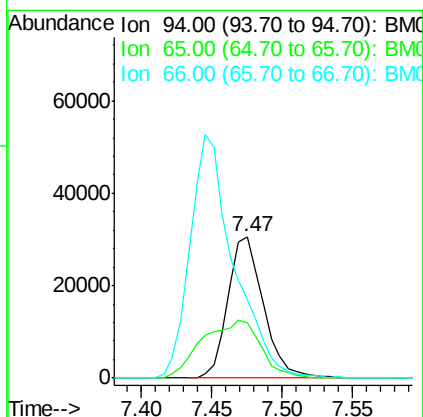
Tgt Ion: 94 Resp: 53759

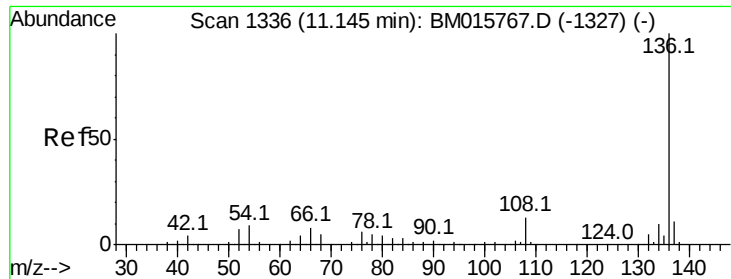
Ion Ratio Lower Upper

94 100

65 38.9 18.8 58.8

66 56.0 39.9 79.9

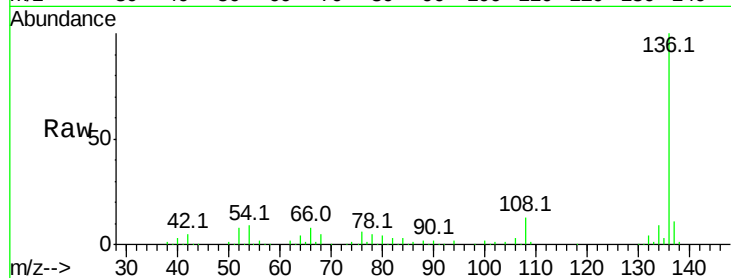




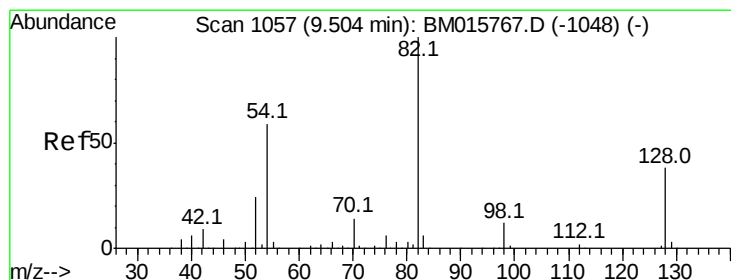
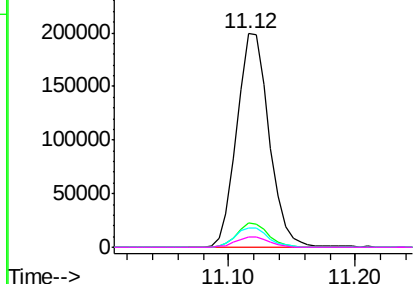
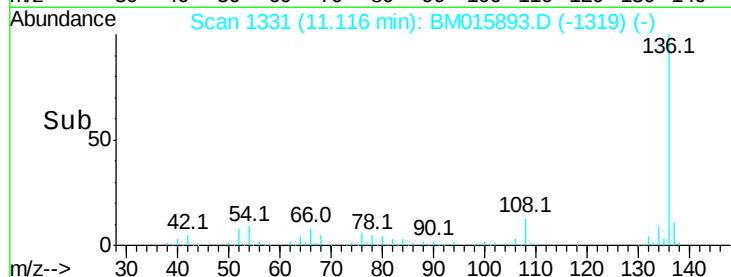
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.12 min Scan# 1331
Delta R.T. -0.03 min
Lab File: BM015893.D
Acq: 11 Jul 2018 17:45

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	353313
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.7 13.1
54	9.2	4.6 6.8#
68	4.9	3.7 5.5

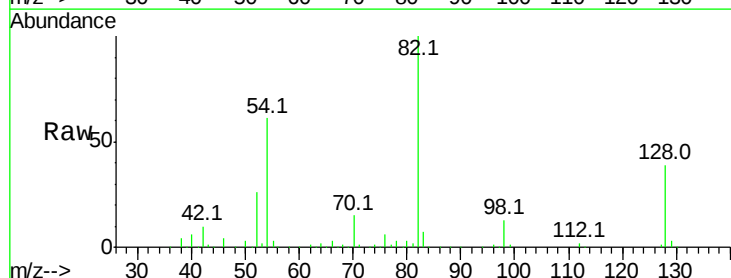


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

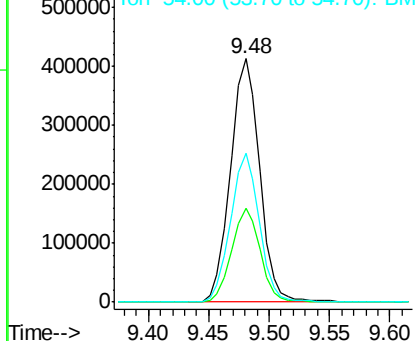
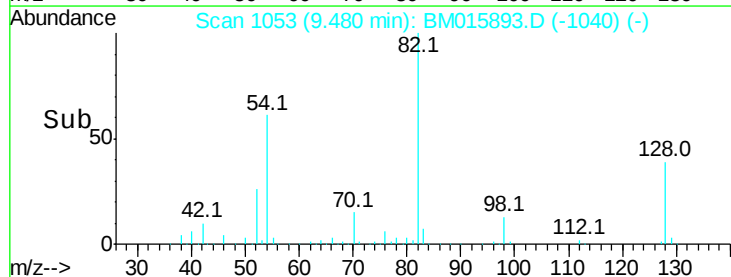


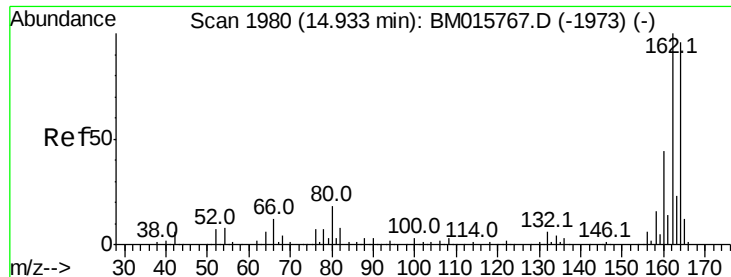
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.48 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BM015893.D
Acq: 11 Jul 2018 17:45

Tgt Ion: 82	Resp:	697406
Ion	Ratio	Lower Upper
82	100	
128	38.7	32.8 49.2
54	61.4	40.6 60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.92 min Scan# 1977

Delta R.T. -0.02 min

Lab File: BM015893.D

Acq: 11 Jul 2018 17:45

Instrument :

BNA_M

ClientSampleId :

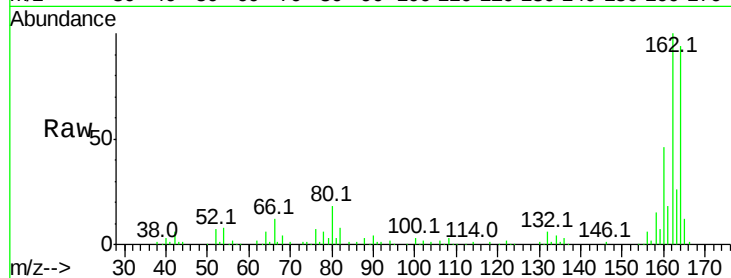
Tot Ion:164 Resp: 185462

Ion Ratio Lower Upper

164 100

162 106.4 82.4 123.6

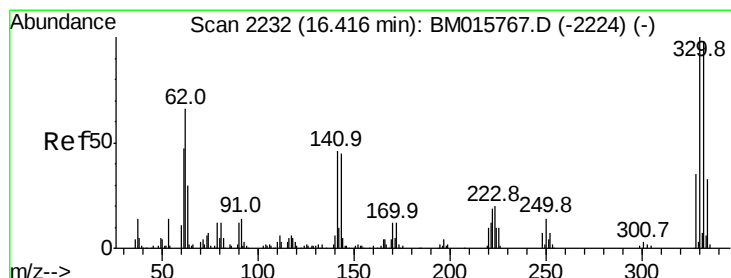
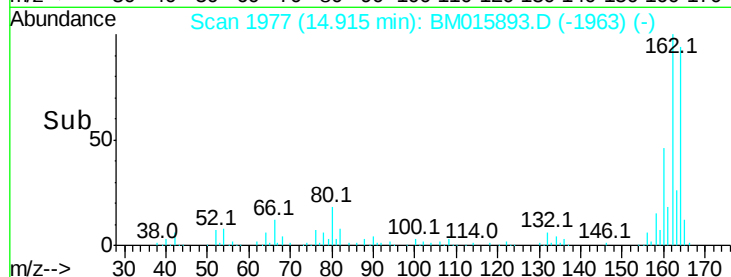
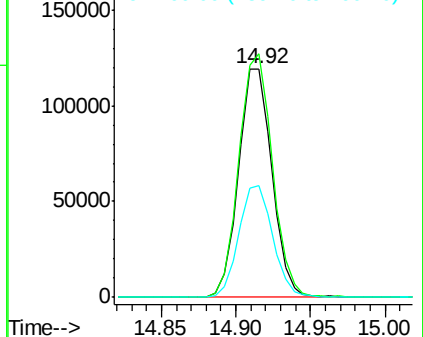
160 48.7 35.8 53.6



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: N.D. ng

RT: 16.39 min Scan# 2228

Delta R.T. -0.02 min

Lab File: BM015893.D

Acq: 11 Jul 2018 17:45

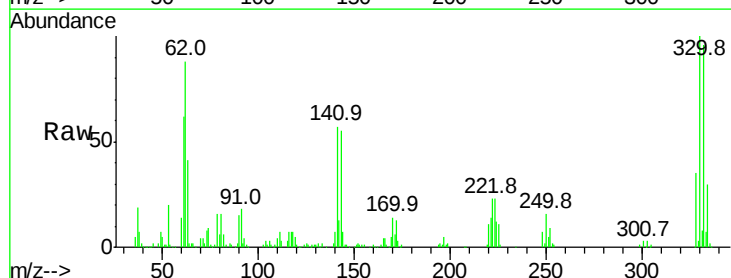
Tgt Ion:330 Resp: 335015

Ion Ratio Lower Upper

330 100

332 96.9 0.0 0.0#

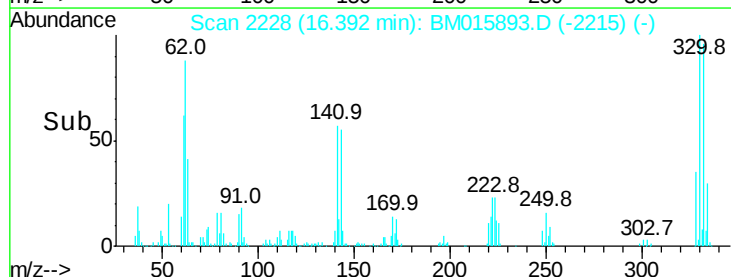
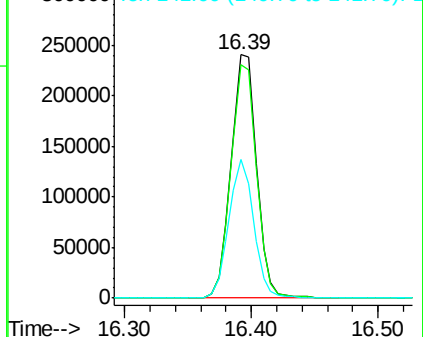
141 55.6 0.0 0.0#

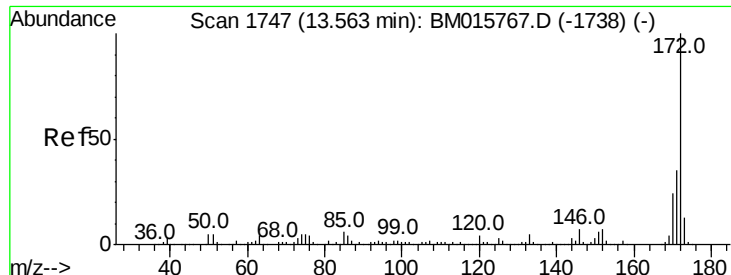


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

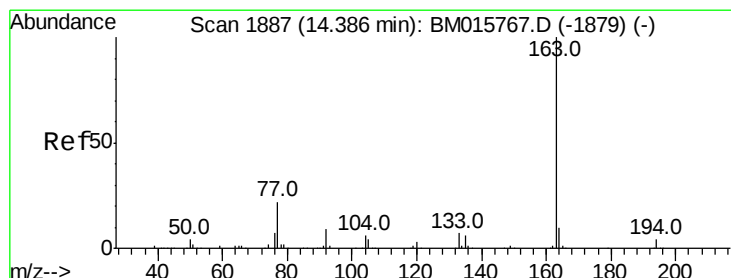
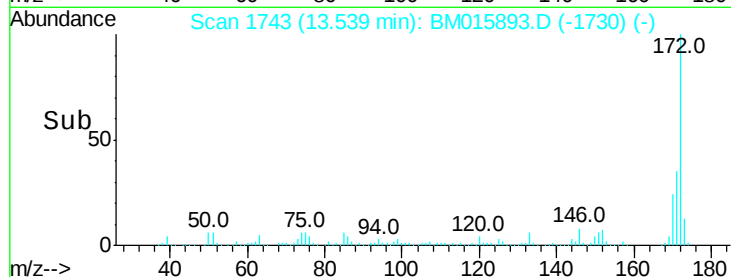
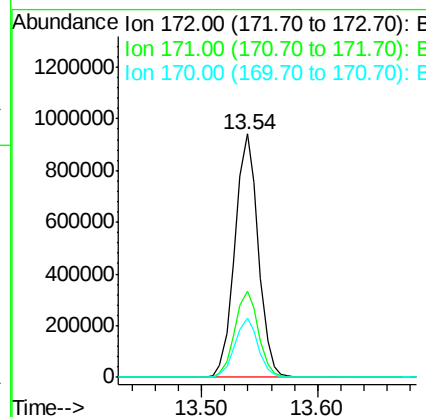
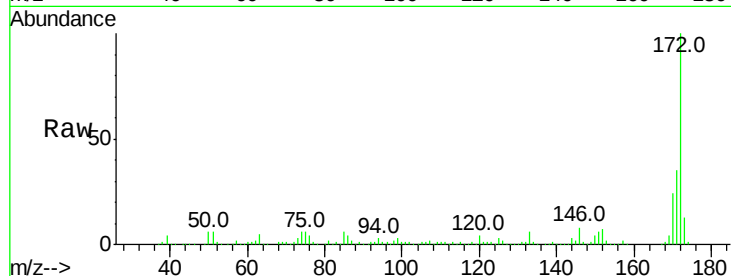




#44
2-Fluorobiphenyl
Concen: N.D. na
RT: 13.54 min Scan# 1743
Delta R.T. -0.02 min
Lab File: BM015893.D
Acq: 11 Jul 2018 17:45

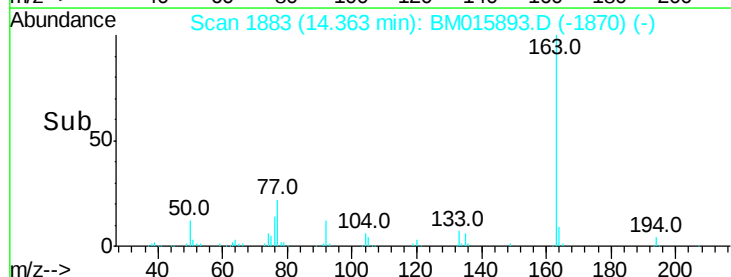
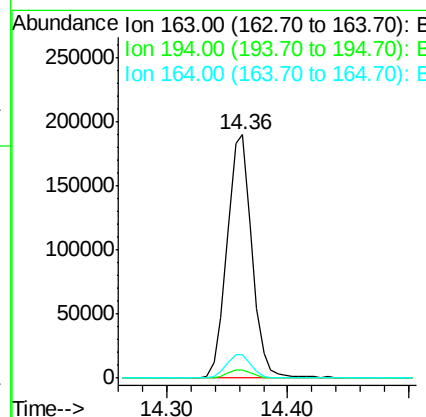
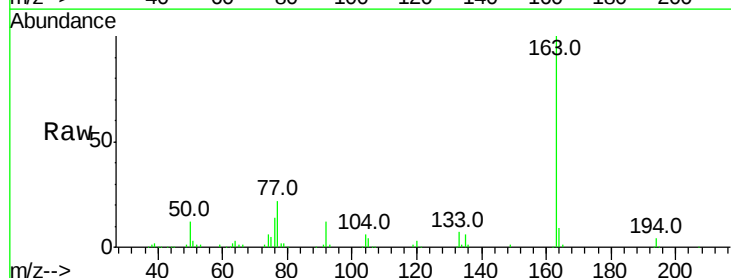
Instrument :
BNA_M
ClientSampleId :

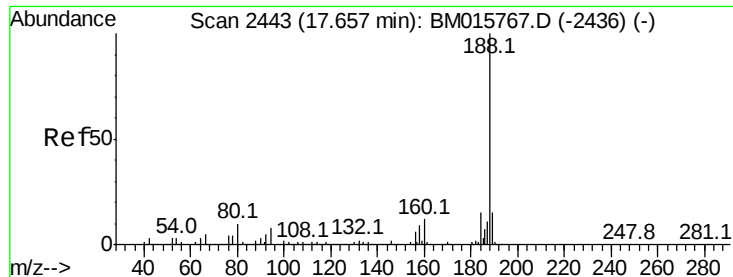
Tot Ion:172 Resp: 1319814
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 24.3 18.8 28.2



#49
Dimethylphthalate
Concen: 16.463 ng
RT: 14.36 min Scan# 1883
Delta R.T. -0.02 min
Lab File: BM015893.D
Acq: 11 Jul 2018 17:45

Tgt Ion:163 Resp: 269274
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.5 8.2 12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.64 min Scan# 2440

Delta R.T. -0.02 min

Lab File: BM015893.D

Acq: 11 Jul 2018 17:45

Instrument :

BNA_M

ClientSampleId :

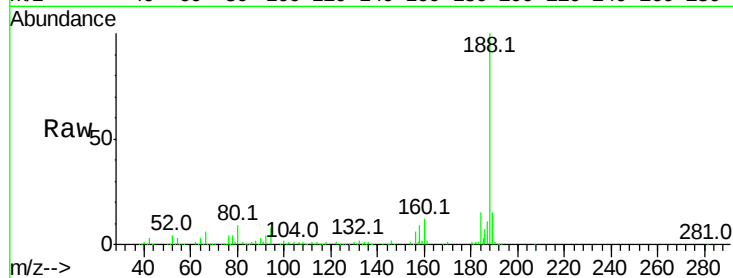
Tot Ion:188 Resp: 371635

Ion Ratio Lower Upper

188 100

94 7.6 8.7 13.1#

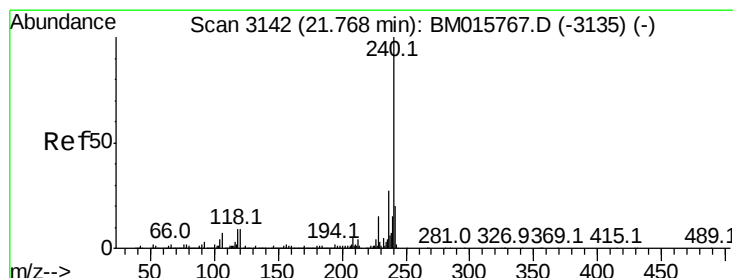
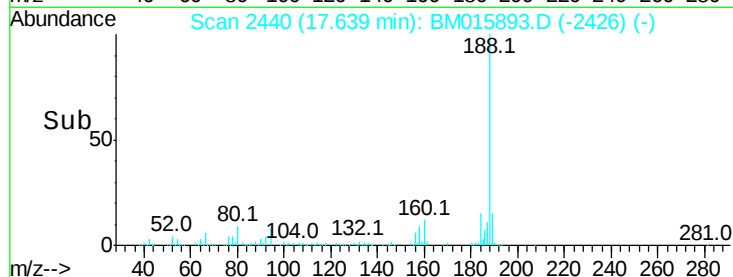
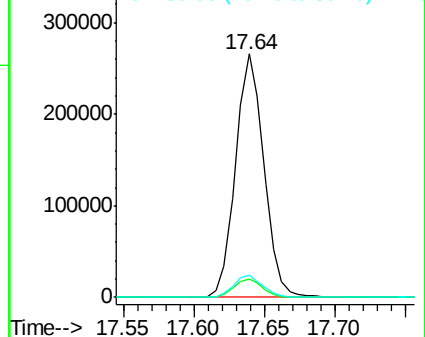
80 9.1 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3139

Delta R.T. -0.02 min

Lab File: BM015893.D

Acq: 11 Jul 2018 17:45

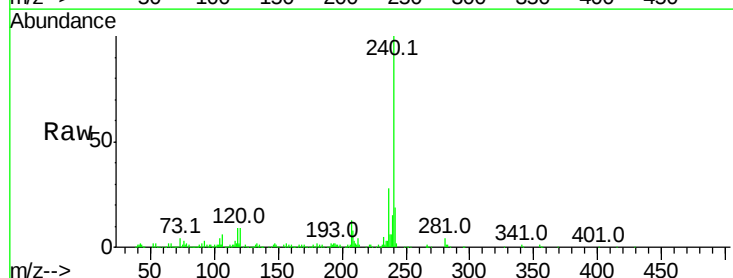
Tgt Ion:240 Resp: 335775

Ion Ratio Lower Upper

240 100

120 8.5 8.2 12.2

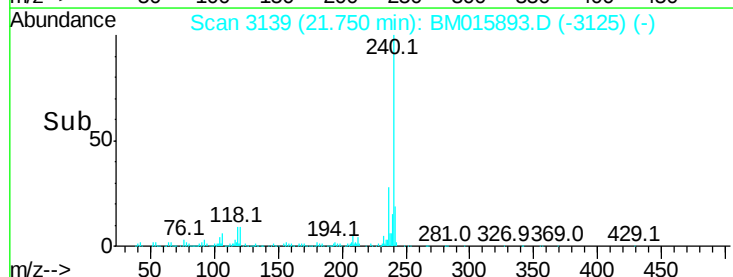
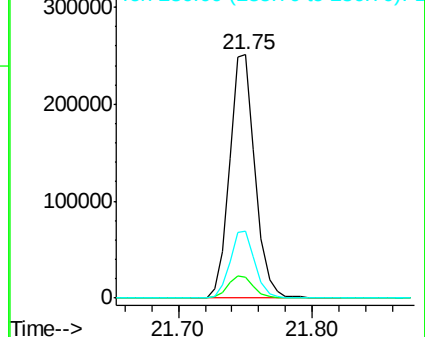
236 27.5 20.0 30.0

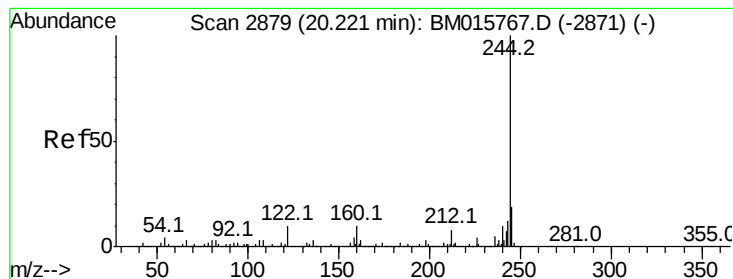


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: Below na

RT: 20.20 min Scan# 2876

Delta R.T. -0.02 min

Lab File: BM015893.D

Acq: 11 Jul 2018 17:45

Instrument :

BNA_M

ClientSampleId :

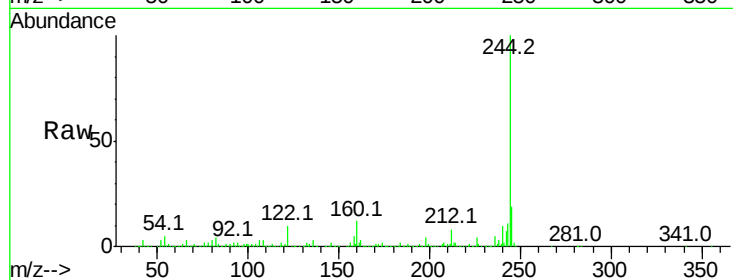
Tot Ion:244 Resp: 1669952

Ion	Ratio	Lower	Upper
244	100		
212	8.5	4.9	7.3#
122	9.6	6.2	9.4#

244 100

212 8.5 4.9 7.3#

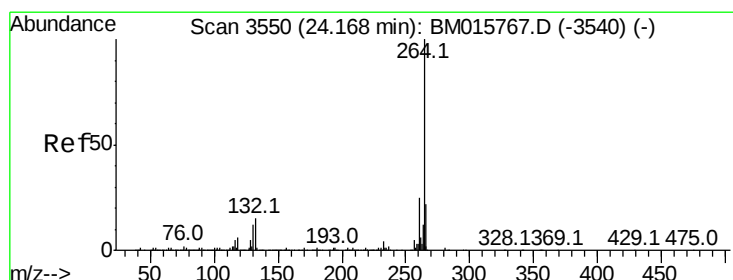
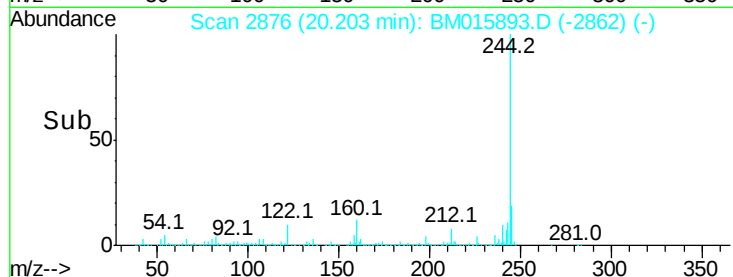
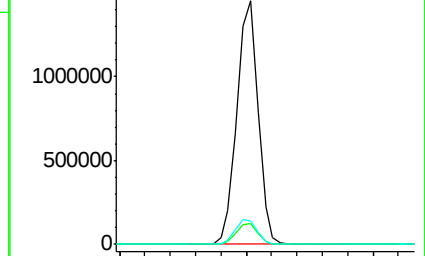
122 9.6 6.2 9.4#



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: 24.14 min Scan# 3546

Delta R.T. -0.02 min

Lab File: BM015893.D

Acq: 11 Jul 2018 17:45

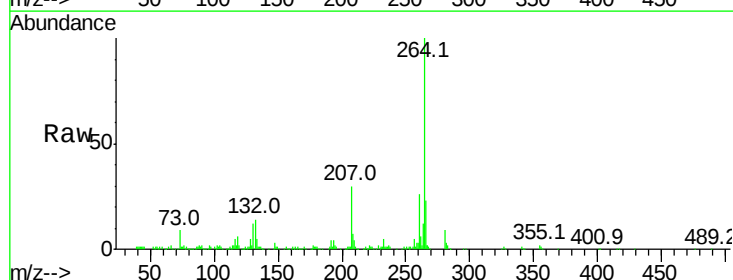
Tgt Ion:264 Resp: 340980

Ion	Ratio	Lower	Upper
264	100		
260	26.2	18.6	27.8
265	23.1	17.3	25.9

264 100

260 26.2 18.6 27.8

265 23.1 17.3 25.9



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

