

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012919\
 Data File : BM018680.D
 Acq On : 29 Jan 2019 16:45
 Operator : JU/SJ
 Sample : K1266-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 012519-DBRI-F-U-M

Quant Time: Jan 29 18:01:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 22:01:30 2019
 Response via : Initial Calibration

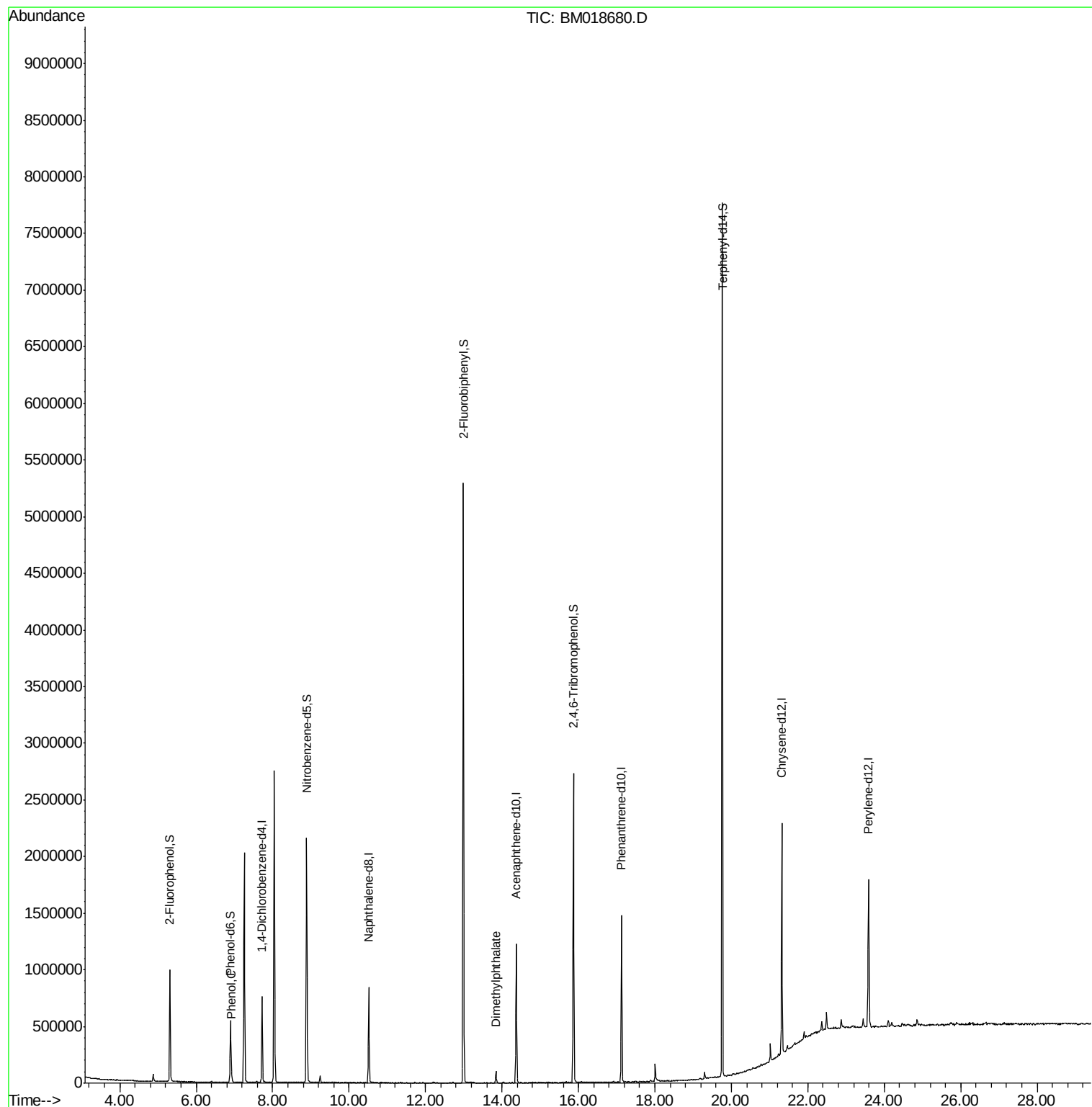
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	197002	20.00	ng	-0.02
21) Naphthalene-d8	10.52	136	725802	20.00	ng	-0.01
39) Acenaphthene-d10	14.37	164	382874	20.00	ng	-0.01
64) Phenanthrene-d10	17.13	188	840721	20.00	ng	-0.01
76) Chrysene-d12	21.32	240	889375	20.00	ng	-0.01
87) Perylene-d12	23.59	264	902397	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	420443	39.41	ng	-0.02
7) Phenol-d6	6.89	99	315036	23.25	ng	-0.02
23) Nitrobenzene-d5	8.89	82	1317899	105.26	ng	-0.01
42) 2,4,6-Tribromophenol	15.87	330	451963	92.71	ng	-0.02
45) 2-Fluorobiphenyl	12.99	172	2693406	91.79	ng	-0.01
79) Terphenyl-d14	19.76	244	3458762	81.98	ng	0.00
Target Compounds						
10) Phenol	6.92	94	55529	4.033	ng	98
50) Dimethylphthalate	13.84	163	66820	2.125	ng	97

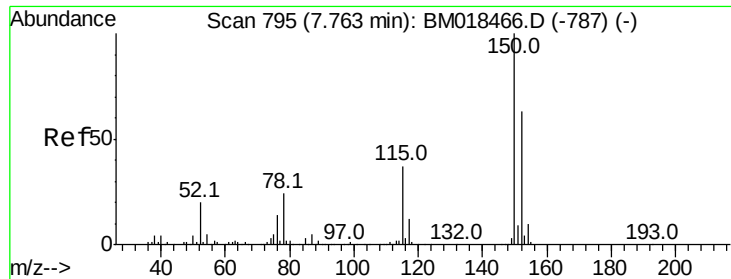
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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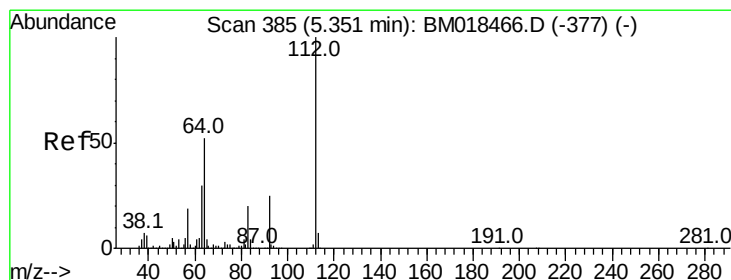
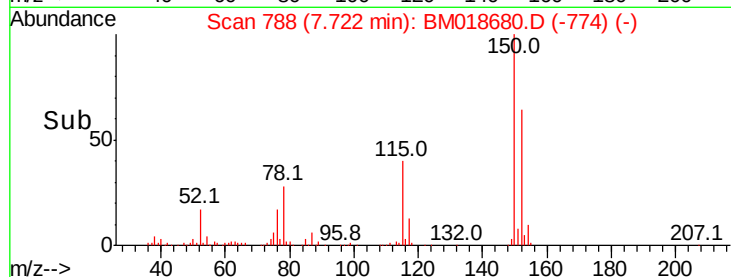
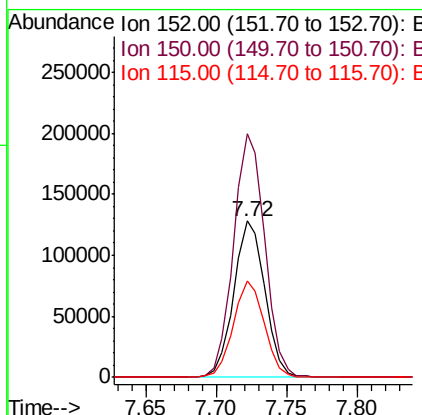
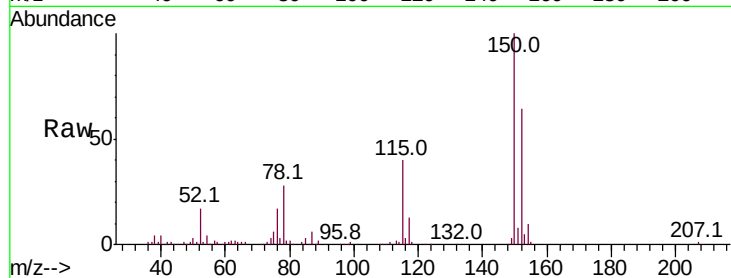


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BM018680.D
Acq: 29 Jan 2019 16:45

Instrument :
BNA_M
ClientSampleId :
012519-DBRI-F-U-M

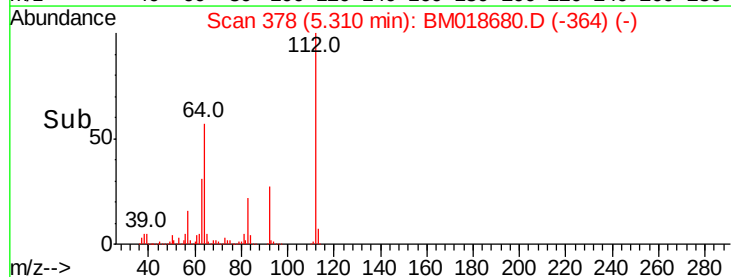
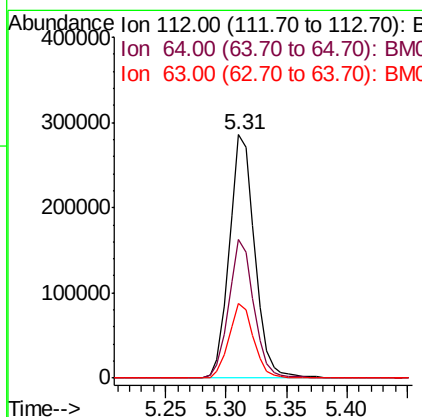
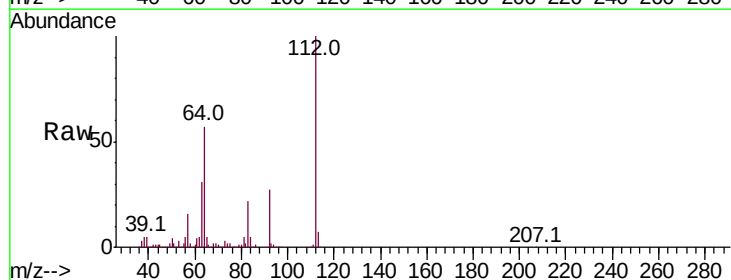
Tot Ion:152 Resp: 197002
Ion Ratio Lower Upper
152 100
150 155.7 126.9 190.3
115 61.8 45.5 68.3

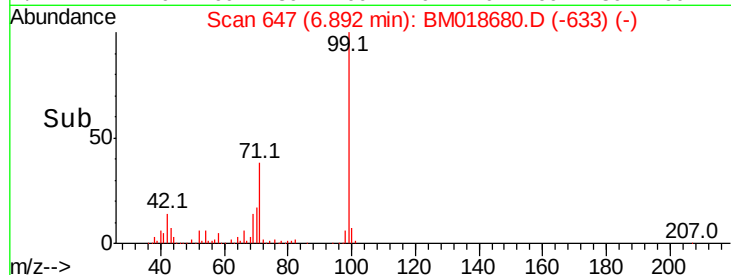
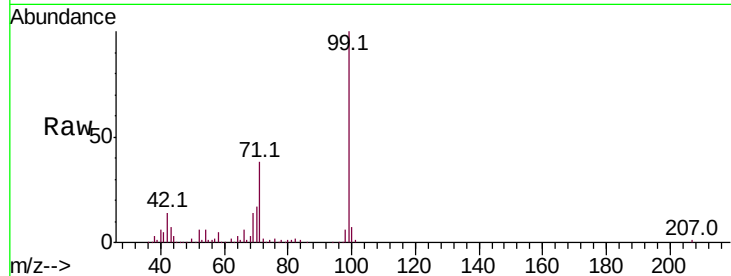
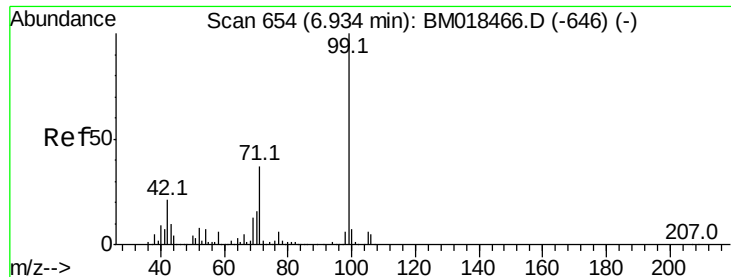


#5

2-Fluorophenol
Concen: 39.408 ng
RT: 5.31 min Scan# 378
Delta R.T. -0.02 min
Lab File: BM018680.D
Acq: 29 Jan 2019 16:45

Tgt Ion:112 Resp: 420443
Ion Ratio Lower Upper
112 100
64 57.1 46.5 69.7
63 30.8 25.2 37.8





#7

Phenol-d6

Concen: 23.248 ng

RT: 6.89 min Scan# 647

Delta R.T. -0.02 min

Lab File: BM018680.D

Acq: 29 Jan 2019 16:45

Instrument :

BNA_M

ClientSampleId :

012519-DBRI-F-U-M

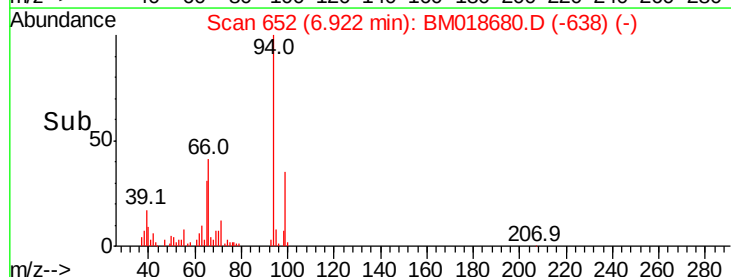
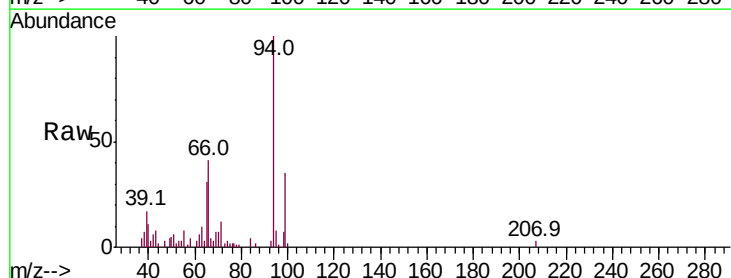
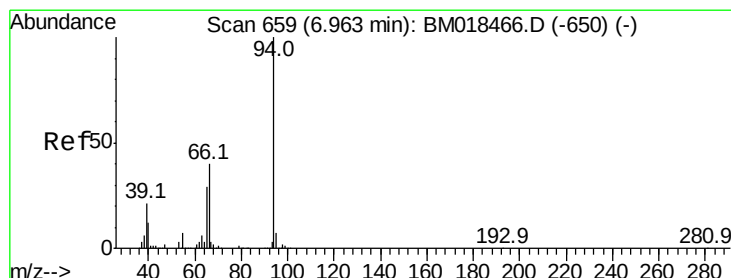
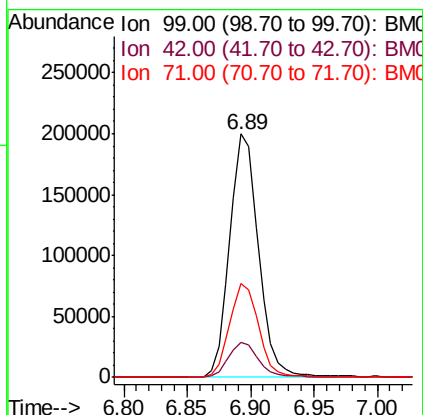
Tot Ion: 99 Resp: 315036

Ion Ratio Lower Upper

99 100

42 14.2 17.3 25.9#

71 38.4 28.0 42.0



#10

Phenol

Concen: 4.033 ng

RT: 6.92 min Scan# 652

Delta R.T. -0.02 min

Lab File: BM018680.D

Acq: 29 Jan 2019 16:45

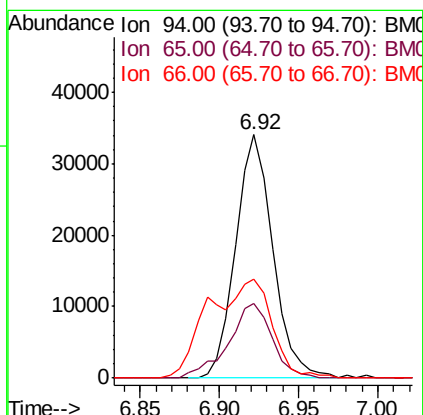
Tgt Ion: 94 Resp: 55529

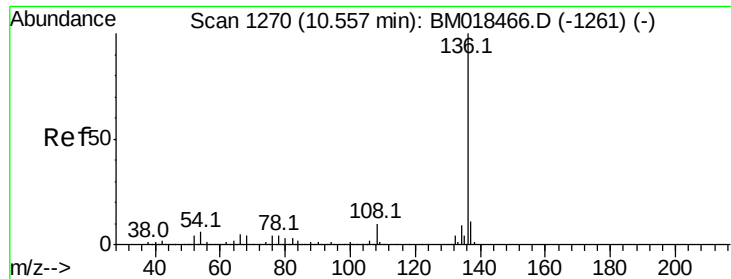
Ion Ratio Lower Upper

94 100

65 30.6 9.4 49.4

66 40.7 19.1 59.1

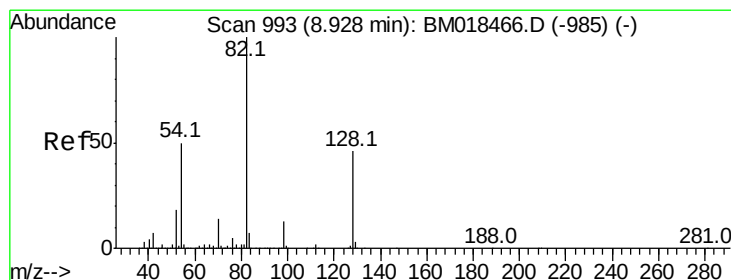
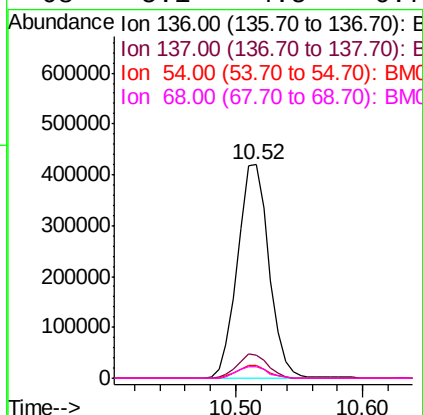
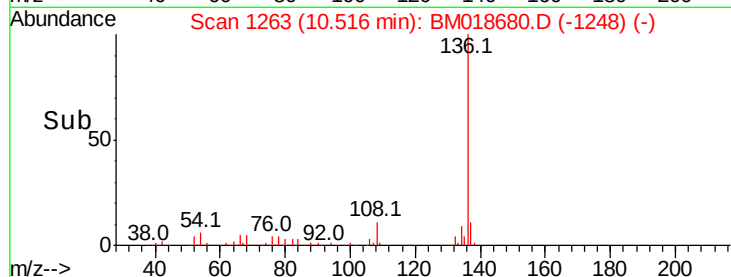
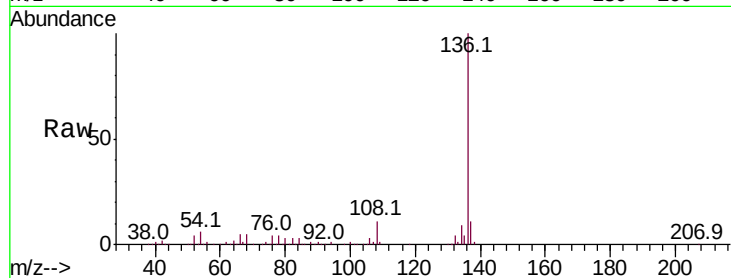




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.52 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BM018680.D
Acq: 29 Jan 2019 16:45

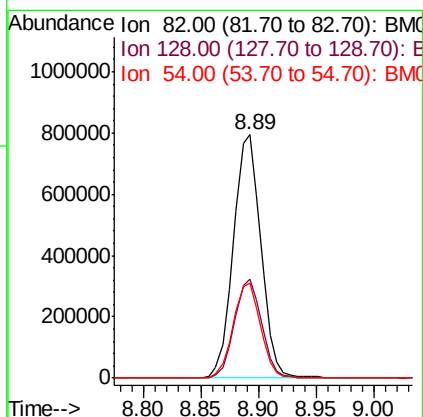
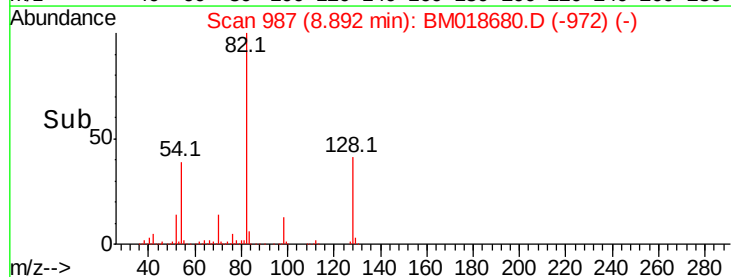
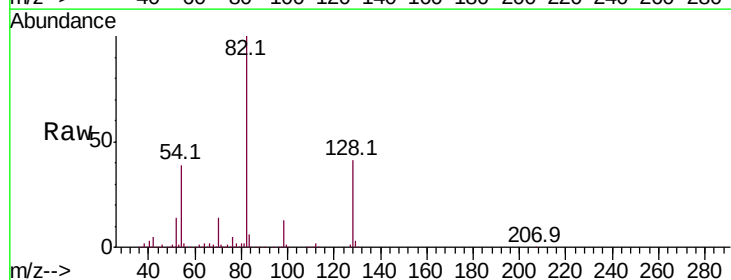
Instrument :
BNA_M
ClientSampleId :
012519-DBRI-F-U-M

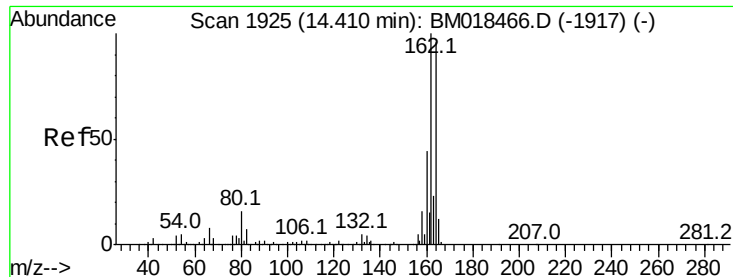
Tot Ion:136	Resp:	725802
Ion Ratio	Lower	Upper
136 100		
137 10.5	8.5	12.7
54 5.8	6.0	9.0#
68 5.1	4.5	6.7



#23
Nitrobenzene-d5
Concen: 105.263 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BM018680.D
Acq: 29 Jan 2019 16:45

Tgt Ion: 82	Resp: 1317899
Ion Ratio	Lower Upper
82 100	
128 40.9	36.3 54.5
54 39.0	41.7 62.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BM018680.D

Acq: 29 Jan 2019 16:45

Instrument :

BNA_M

ClientSampleId :

012519-DBRI-F-U-M

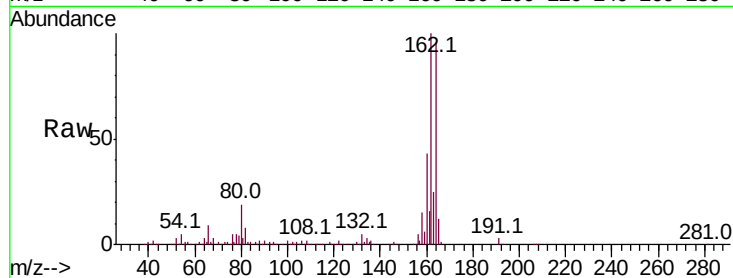
Tot Ion:164 Resp: 382874

Ion Ratio Lower Upper

164 100

162 104.5 83.0 124.4

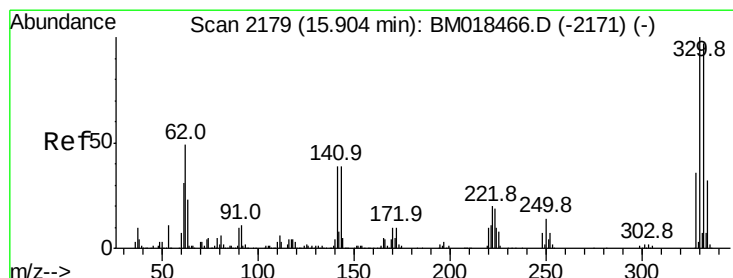
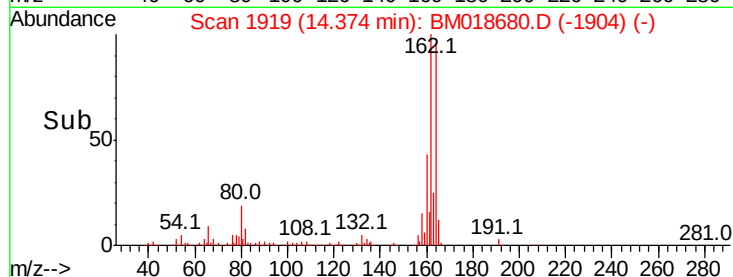
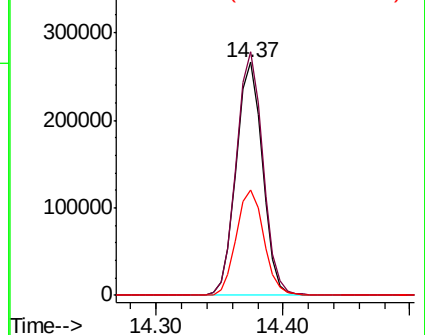
160 45.3 37.1 55.7



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



#42

2,4,6-Tribromophenol

Concen: 92.709 ng

RT: 15.87 min Scan# 2173

Delta R.T. -0.02 min

Lab File: BM018680.D

Acq: 29 Jan 2019 16:45

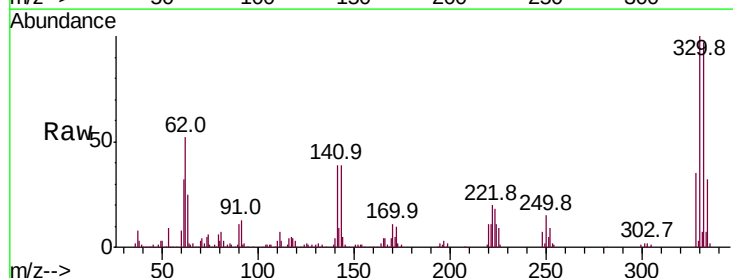
Tgt Ion:330 Resp: 451963

Ion Ratio Lower Upper

330 100

332 96.1 77.6 116.4

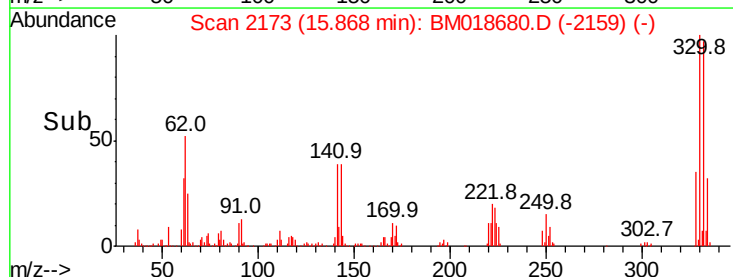
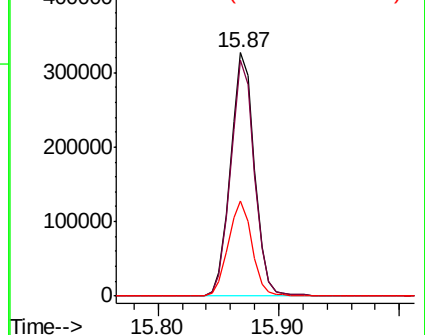
141 38.9 31.7 47.5

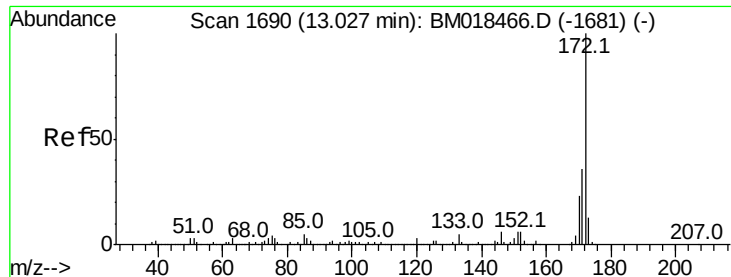


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



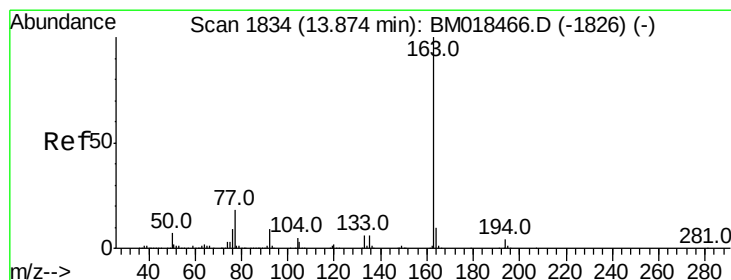
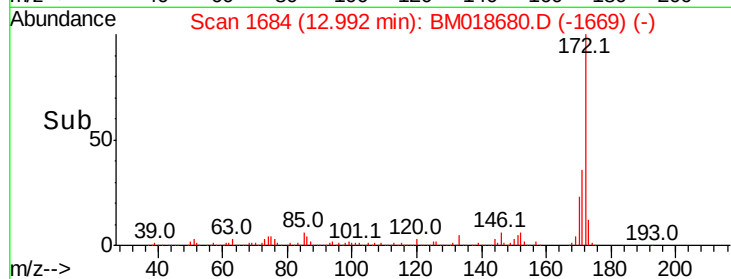
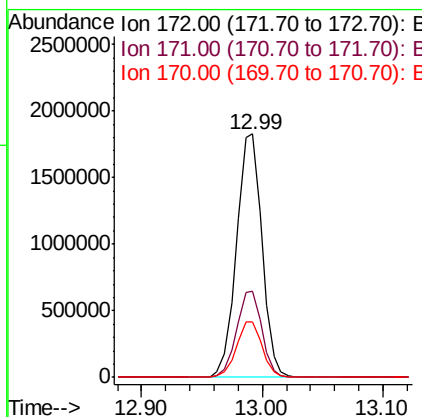
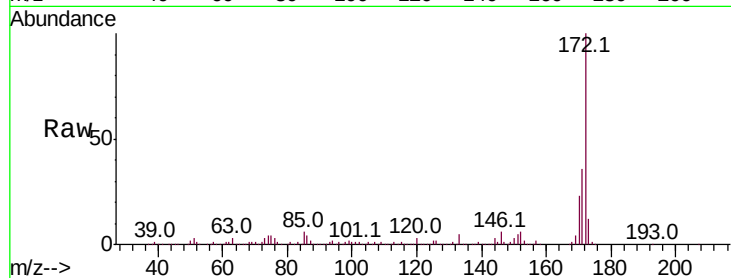


#45
 2-Fluorobiphenyl
 Concen: 91.793 ng
 RT: 12.99 min Scan# 1684
 Delta R.T. -0.01 min
 Lab File: BM018680.D
 Acq: 29 Jan 2019 16:45

Instrument :
 BNA_M
 ClientSampleId :
 012519-DBRI-F-U-M

Tot Ion:172 Resp: 2693406

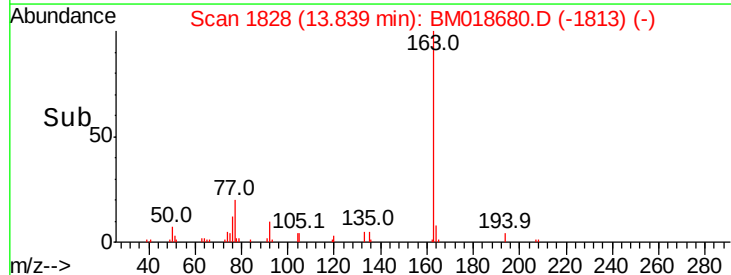
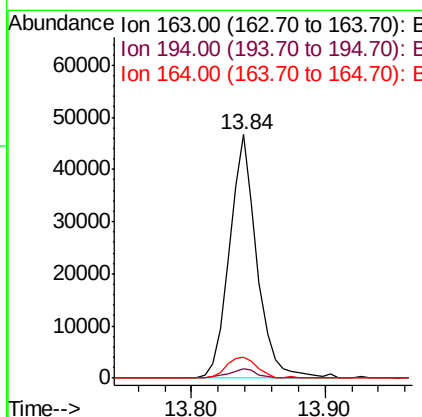
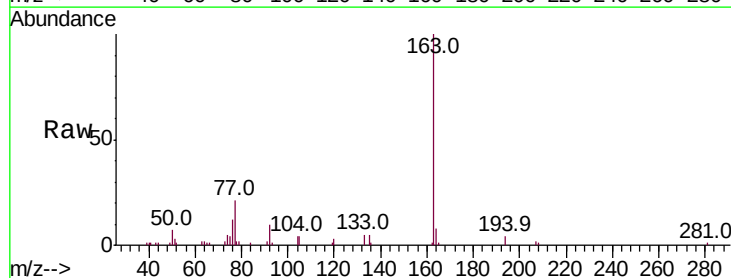
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.4
170	22.9	18.9	28.3

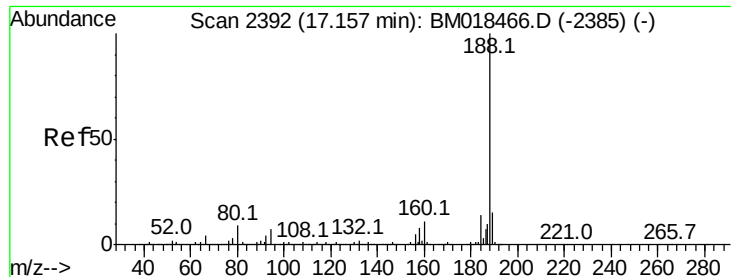


#50
 Dimethylphthalate
 Concen: 2.125 ng
 RT: 13.84 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BM018680.D
 Acq: 29 Jan 2019 16:45

Tgt Ion:163 Resp: 66820

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	8.4	7.8	11.8

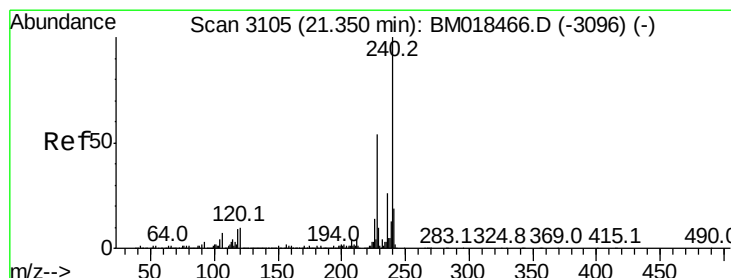
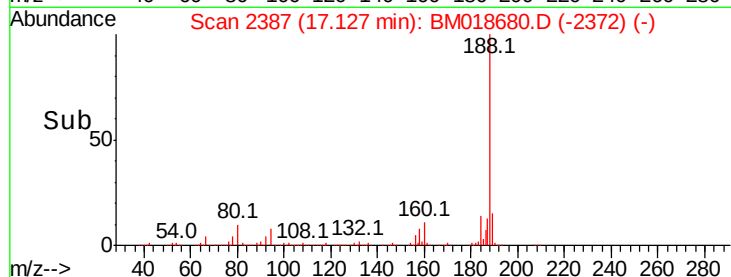
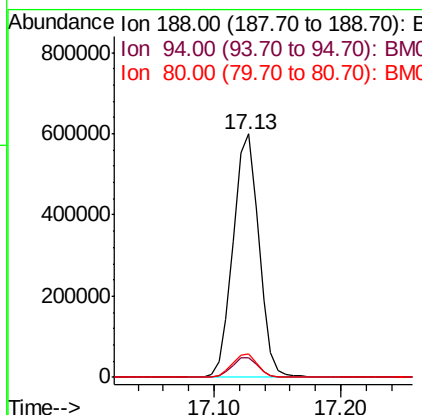
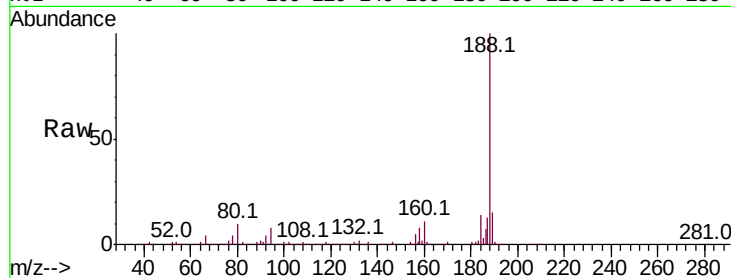




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.13 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM018680.D
Acq: 29 Jan 2019 16:45

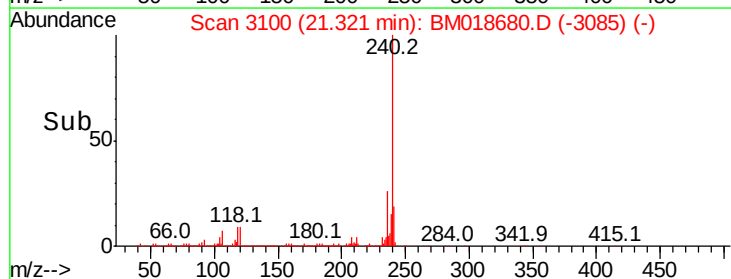
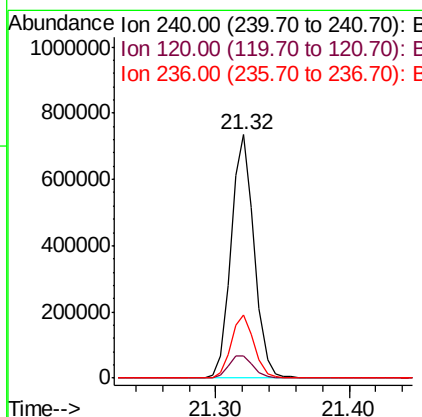
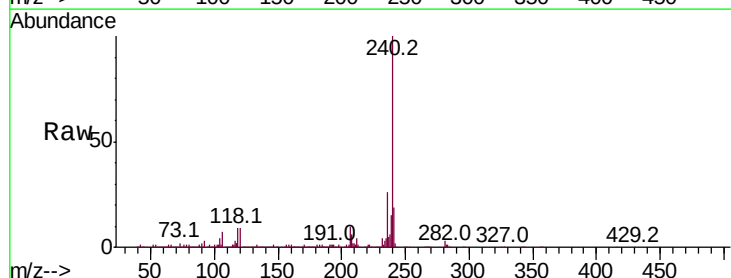
Instrument :
BNA_M
ClientSampleId :
012519-DBRI-F-U-M

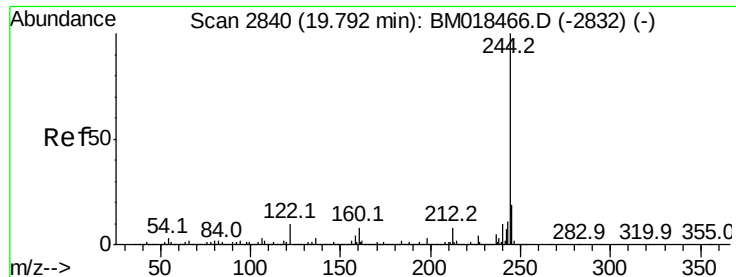
Tot Ion:188 Resp: 840721
Ion Ratio Lower Upper
188 100
94 7.8 7.1 10.7
80 9.7 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.32 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM018680.D
Acq: 29 Jan 2019 16:45

Tgt Ion:240 Resp: 889375
Ion Ratio Lower Upper
240 100
120 8.9 8.4 12.6
236 25.9 20.7 31.1





#79

Terphenyl-d14

Concen: 81.981 ng

RT: 19.76 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM018680.D

Acq: 29 Jan 2019 16:45

Instrument :

BNA_M

ClientSampleId :

012519-DBRI-F-U-M

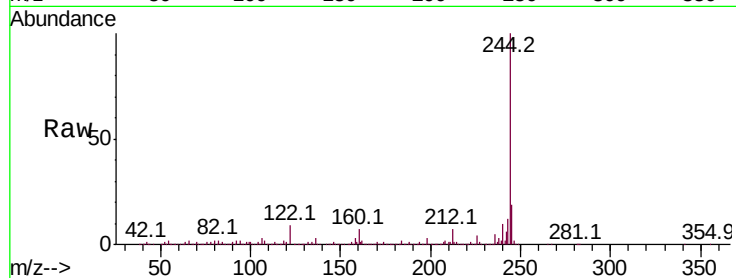
Tot Ion:244 Resp: 3458762

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

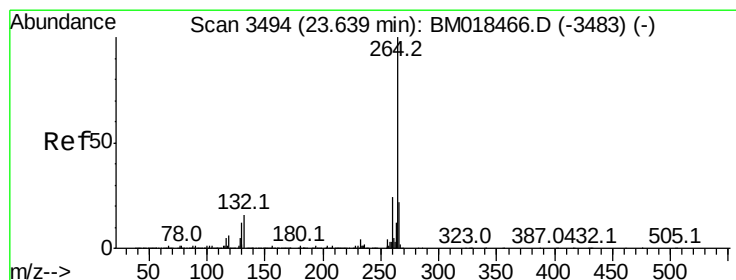
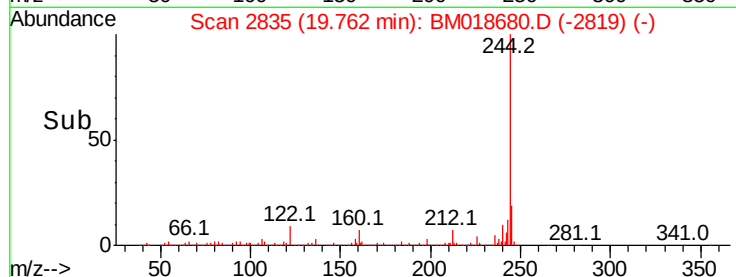
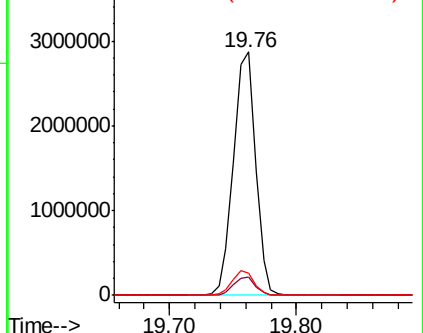
122 9.0 9.0 13.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.59 min Scan# 3485

Delta R.T. -0.02 min

Lab File: BM018680.D

Acq: 29 Jan 2019 16:45

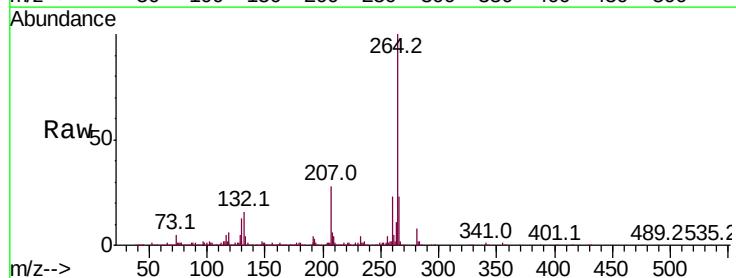
Tgt Ion:264 Resp: 902397

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 22.6 16.8 25.2



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

