

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 :

Quant Time: Jan 29 17:28:32 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

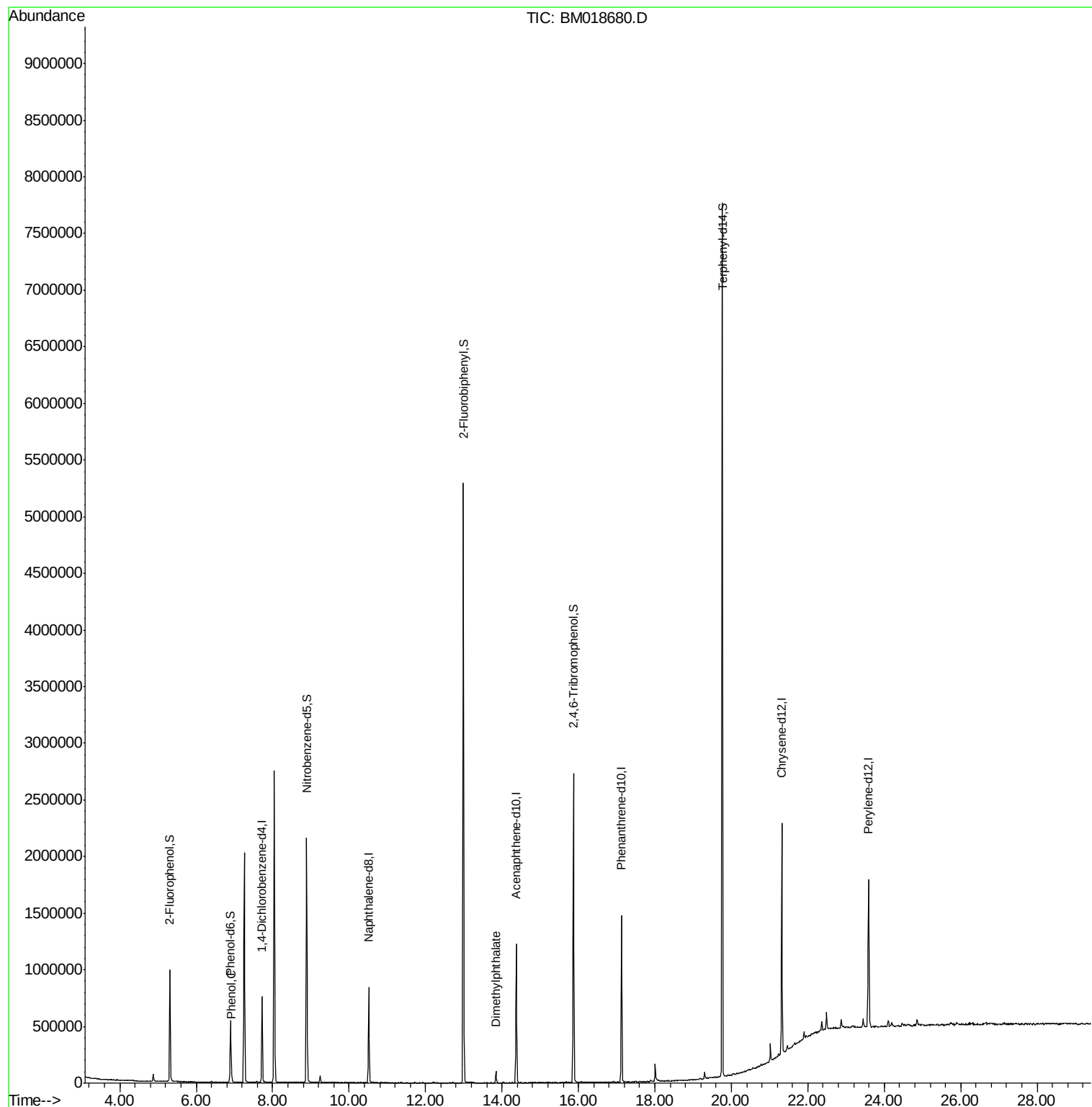
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	197002	20.00	ng	-0.02
21) Naphthalene-d8	10.52	136	725802	20.00	ng	-0.01
39) Acenaphthene-d10	14.37	164	382874	20.00	ng	-0.01
64) Phenanthrene-d10	17.13	188	840721	20.00	ng	-0.01
76) Chrysene-d12	21.32	240	889375	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						
9) Benzaldehyde	6.89	77	1441	Below Cal		Qvalue # 1
10) Phenol	6.92	94	55529	4.033	ng	98
50) Dimethylphthalate	13.84	163	66820	2.125	ng	97

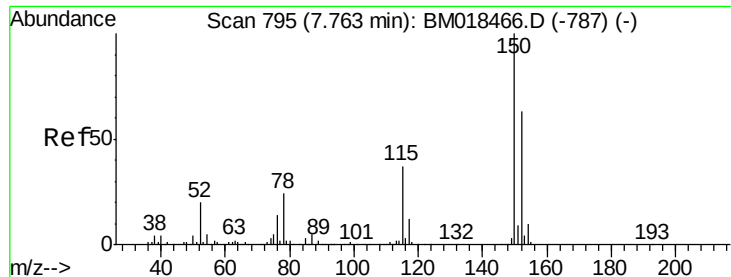
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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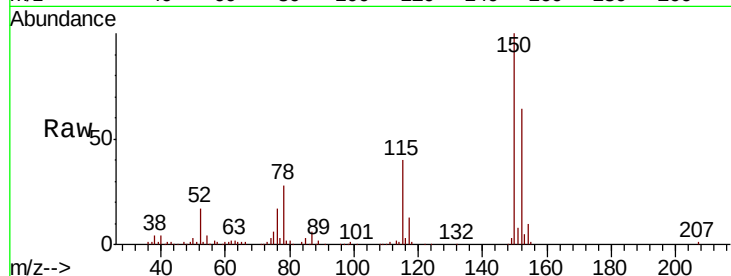


#1

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 :

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

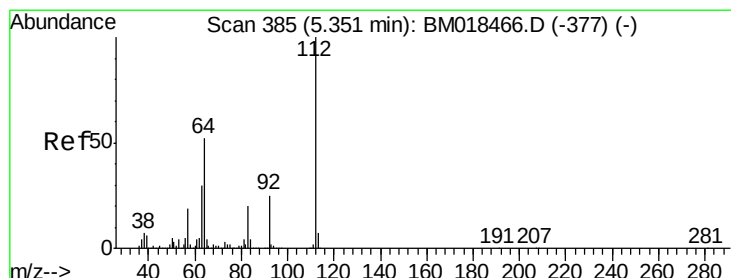
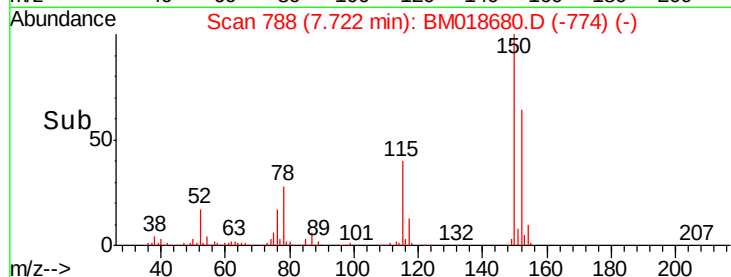
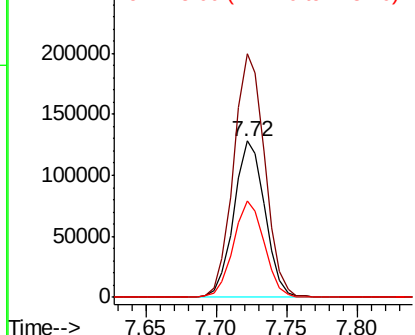


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

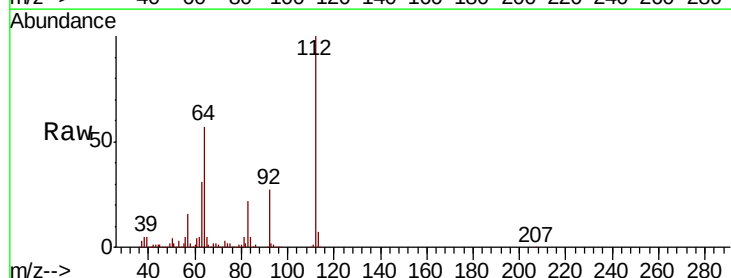
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 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	Ratio	Lower	Upper
112	100		
64	57.1	46.5	69.7
63	30.8	25.2	37.8

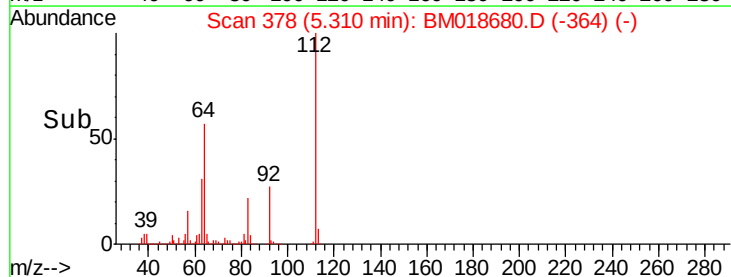
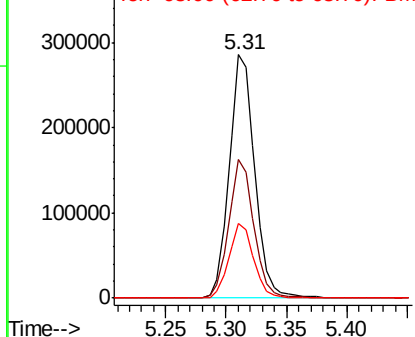


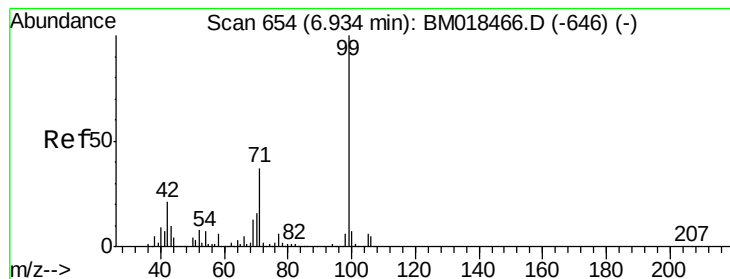
Abundance

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: 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 :

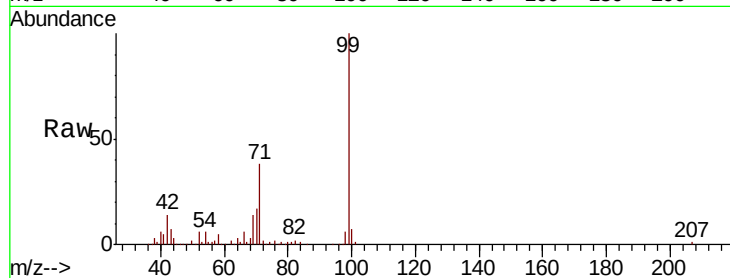
Tot Ion: 99 Resp: 315036

Ion Ratio Lower Upper

99 100

42 14.2 17.3 25.9#

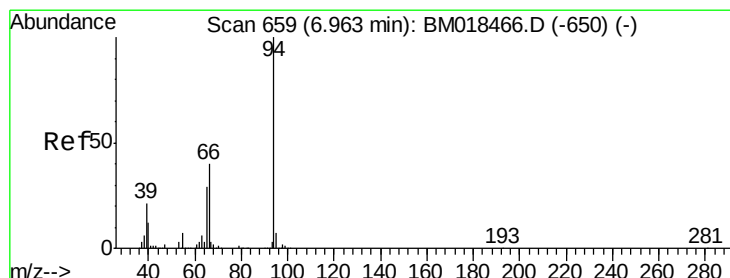
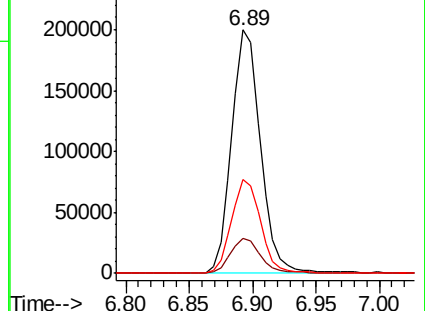
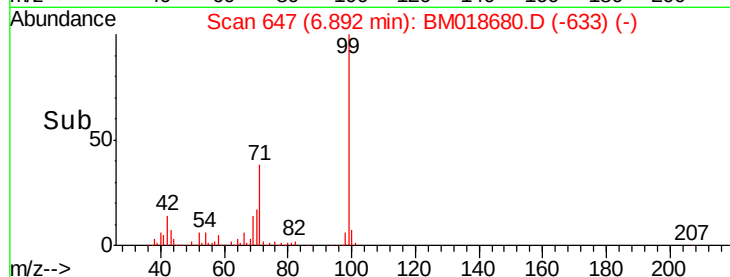
71 38.4 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)



#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

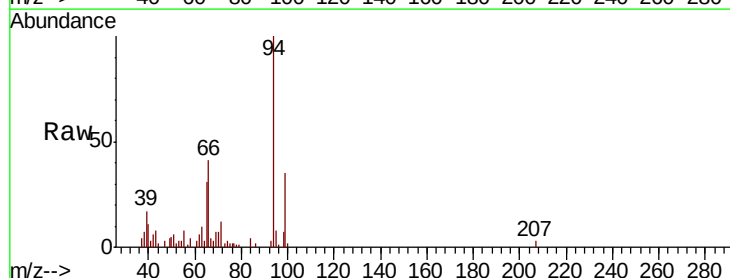
Tgt Ion: 94 Resp: 55529

Ion Ratio Lower Upper

94 100

65 30.6 9.4 49.4

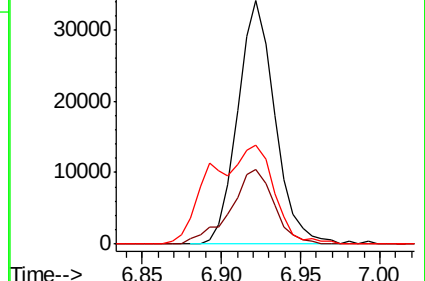
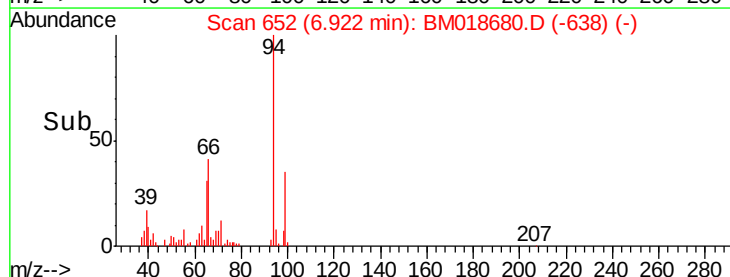
66 40.7 19.1 59.1

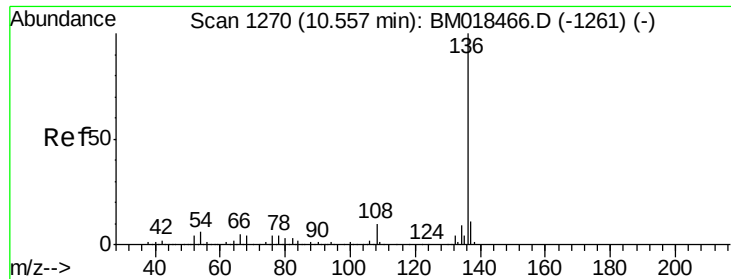


Abundance Ion 94.00 (93.70 to 94.70): BM018466.D (-650) (-)

Ion 65.00 (64.70 to 65.70): BM018466.D (-650) (-)

Ion 66.00 (65.70 to 66.70): BM018466.D (-650) (-)

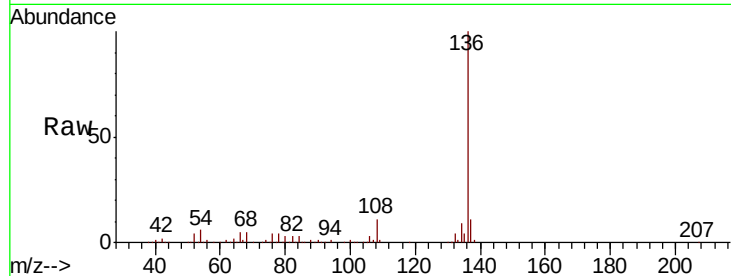




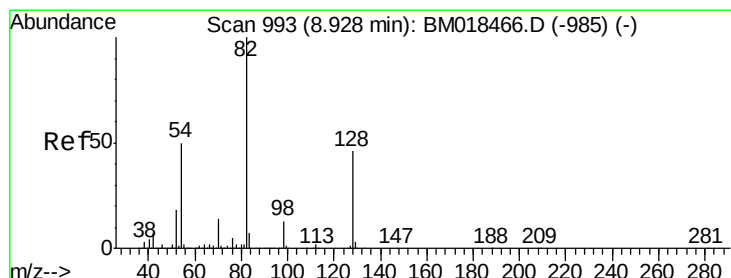
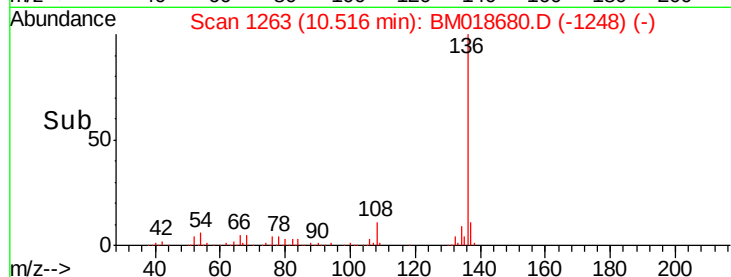
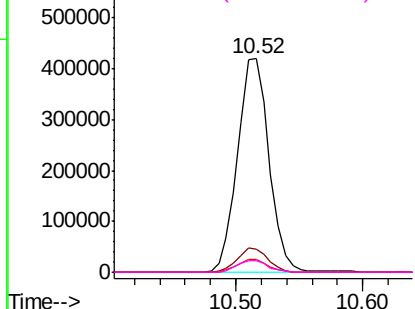
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.52 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BM018680.D
Acq: 29 Jan 2019 16:45

Instrument :
BNA_M
ClientSampleId :

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

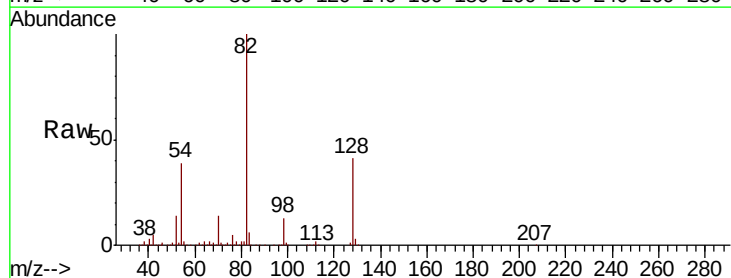


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

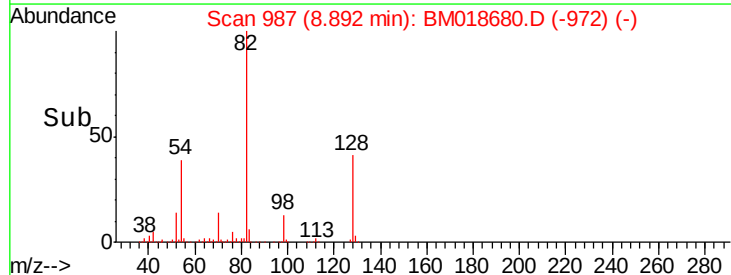
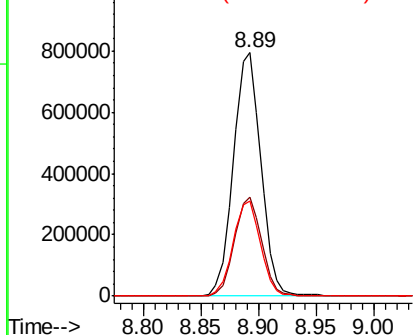


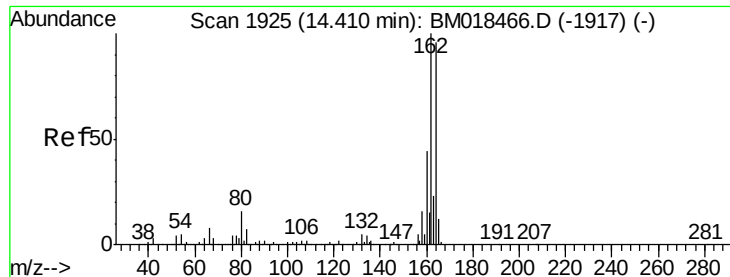
#23
Nitrobenzene-d5
Concen: 105.263 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BM018680.D
Acq: 29 Jan 2019 16:45

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#



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





#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 :

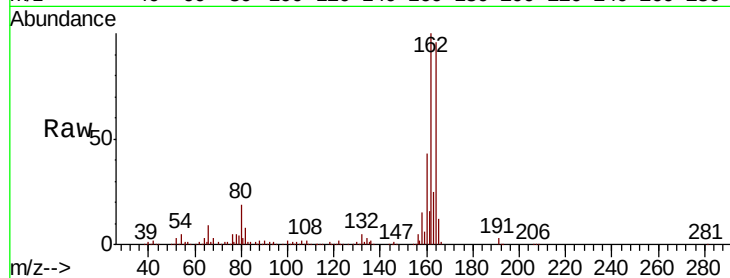
Tot Ion:164 Resp: 382874

Ion Ratio Lower Upper

164 100

162 104.5 83.0 124.4

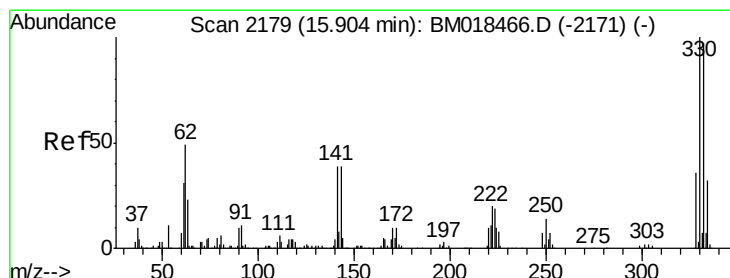
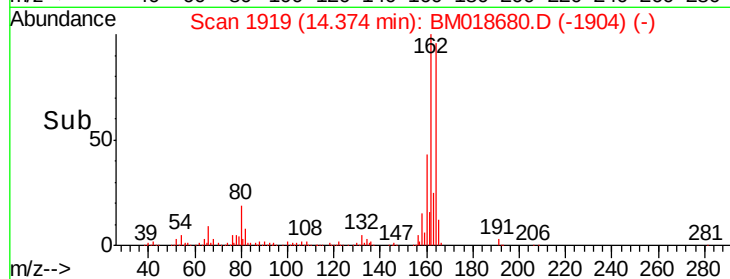
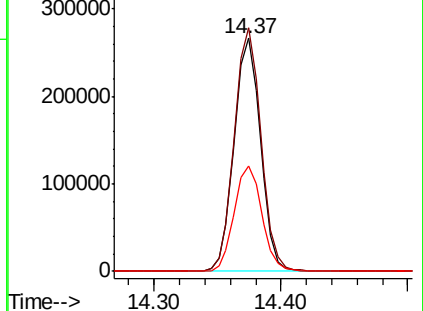
160 45.3 37.1 55.7



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

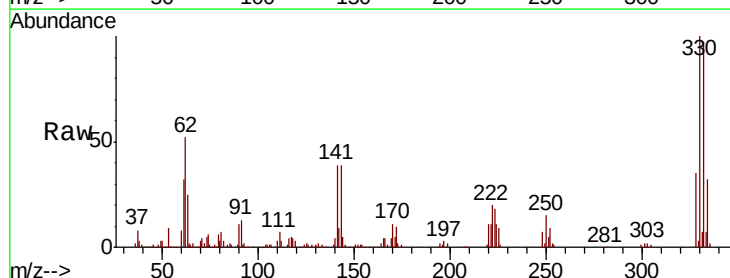
Tgt Ion:330 Resp: 451963

Ion Ratio Lower Upper

330 100

332 96.1 77.6 116.4

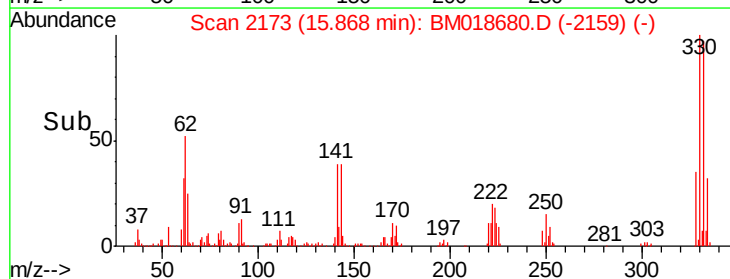
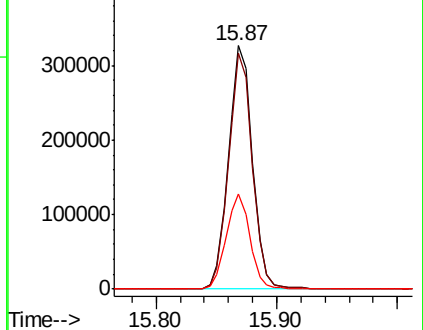
141 38.9 31.7 47.5

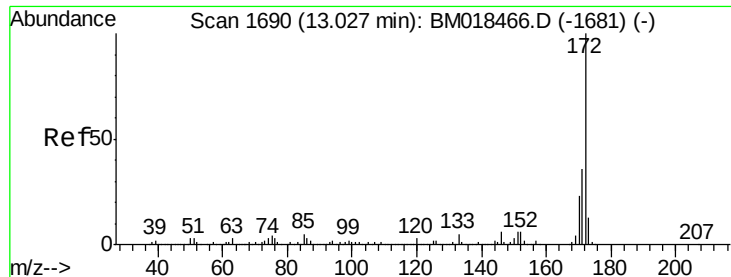


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

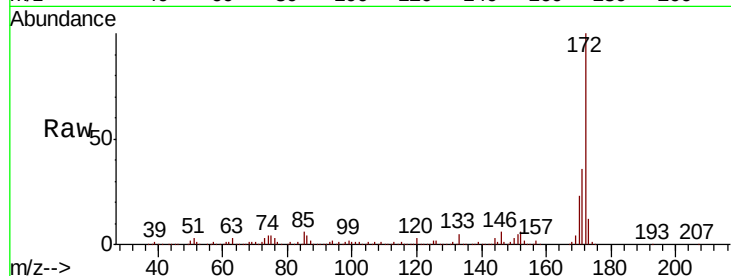




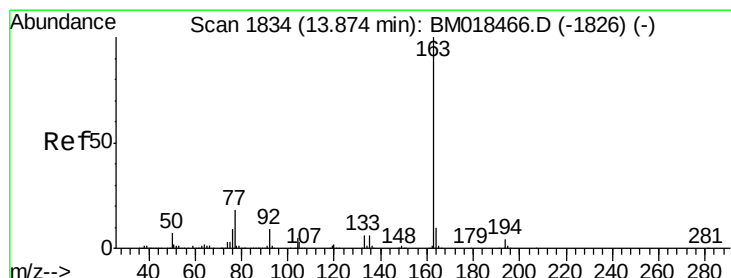
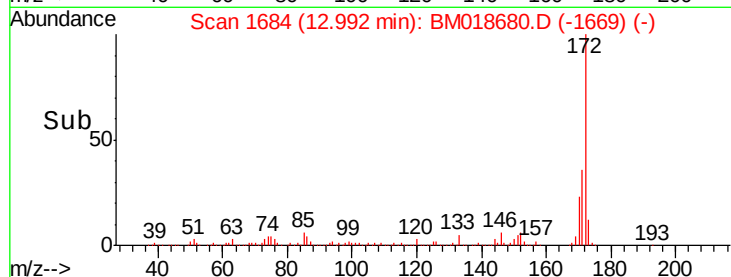
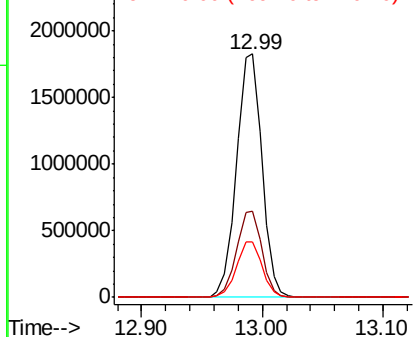
#45
2-Fluorobiphenyl
Concen: 91.793 ng
RT: 12.99 min Scan# 1684
Delta R.T. -0.01 min
Lab File: BM018680.D
Acq: 29 Jan 2019 16:45

Instrument :
BNA_M
ClientSampleId :

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

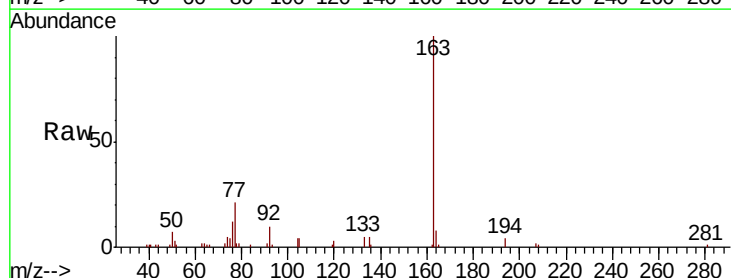


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

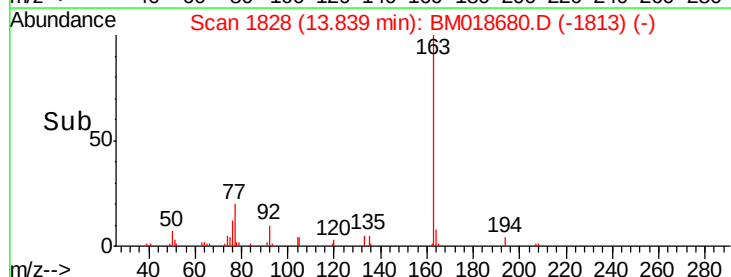
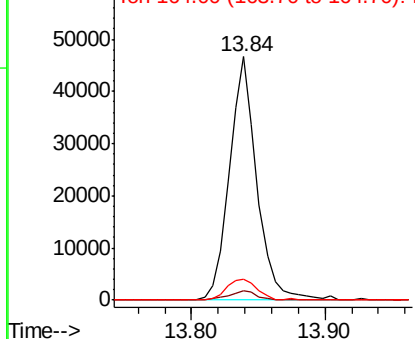


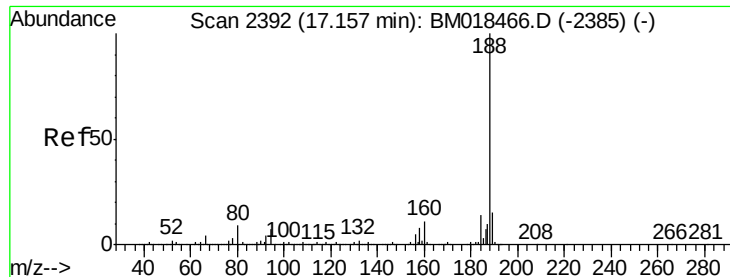
#50
Dimethylphthalate
Concen: 2.125 ng
RT: 13.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BM018680.D
Acq: 29 Jan 2019 16:45

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



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

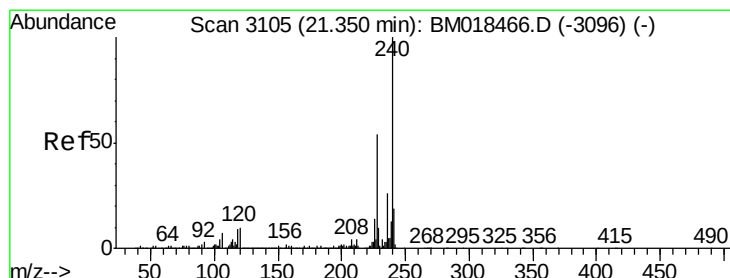
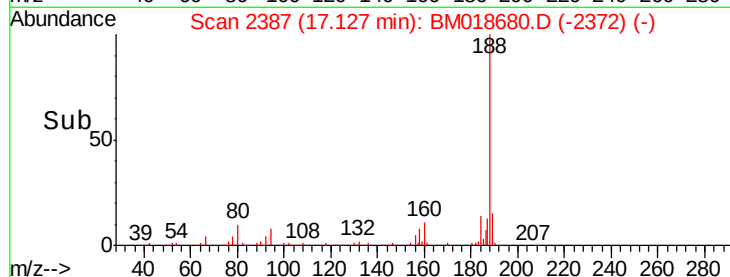
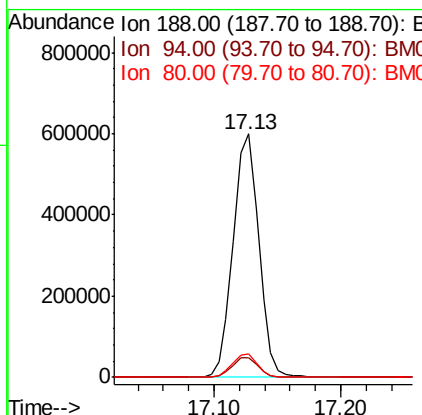
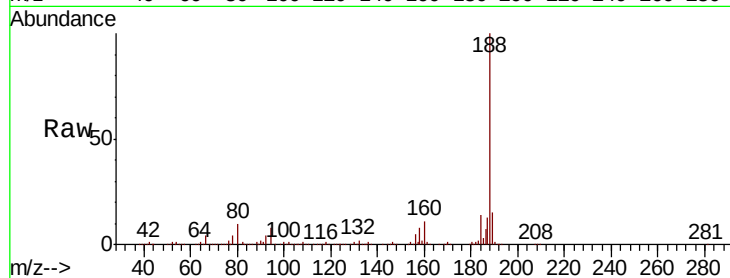




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.13 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM018680.D
Acq: 29 Jan 2019 16:45

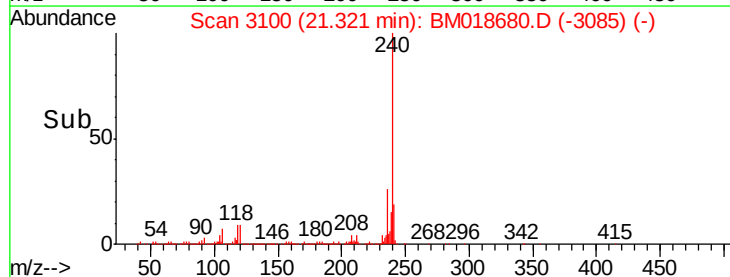
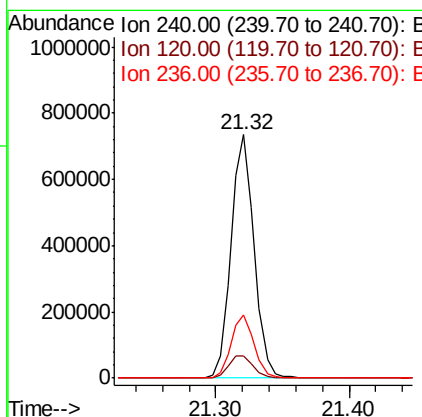
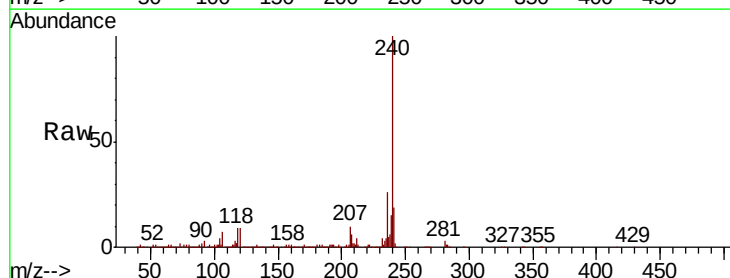
Instrument :
BNA_M
ClientSampleId :

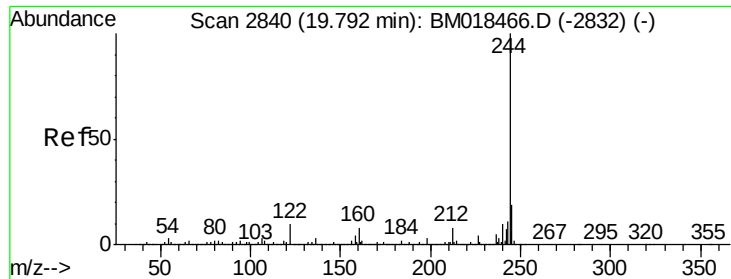
Tot Ion:188 Resp: 840721
Ion Ratio Lower Upper
188 100
94 7.8 7.1 10.7
80 9.7 7.6 11.4



#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 :

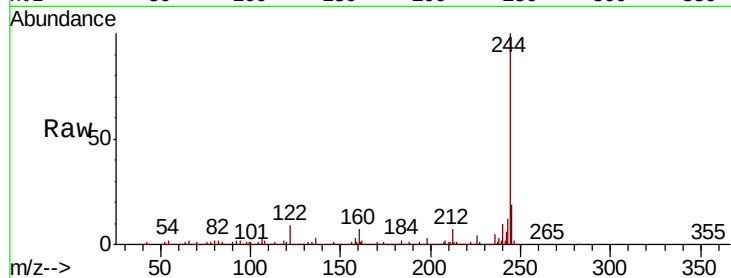
Tot Ion:244 Resp: 3458762

Ion Ratio Lower Upper

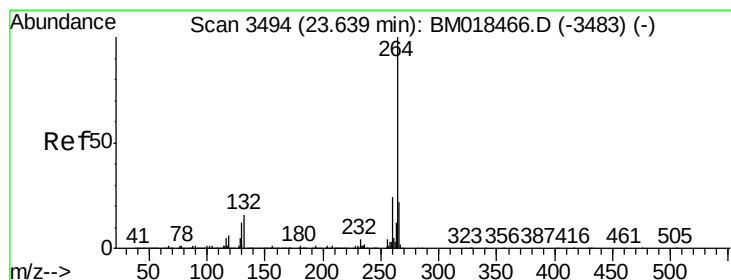
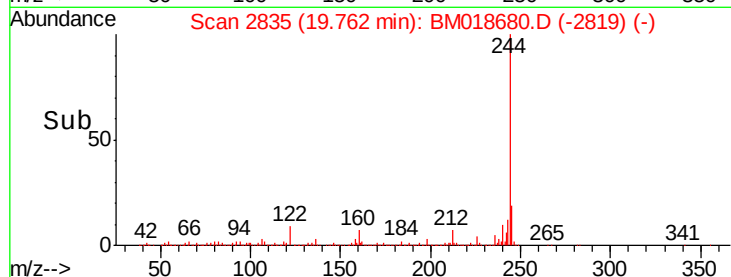
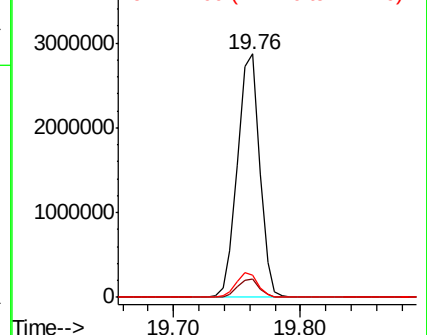
244 100

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

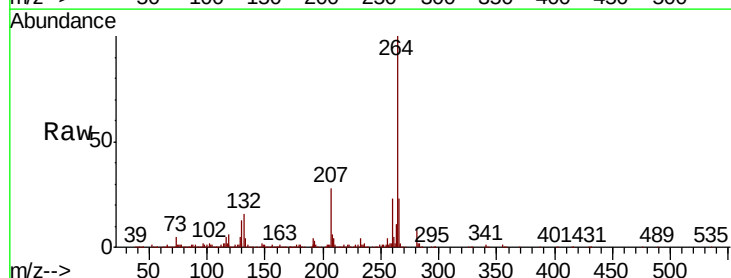
Tgt Ion:264 Resp: 902397

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

