

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022619\
 Data File : BM018935.D
 Acq On : 26 Feb 2019 18:35
 Operator : JU/SJ
 Sample : K1610-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WV-A

Quant Time: Feb 27 00:03:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

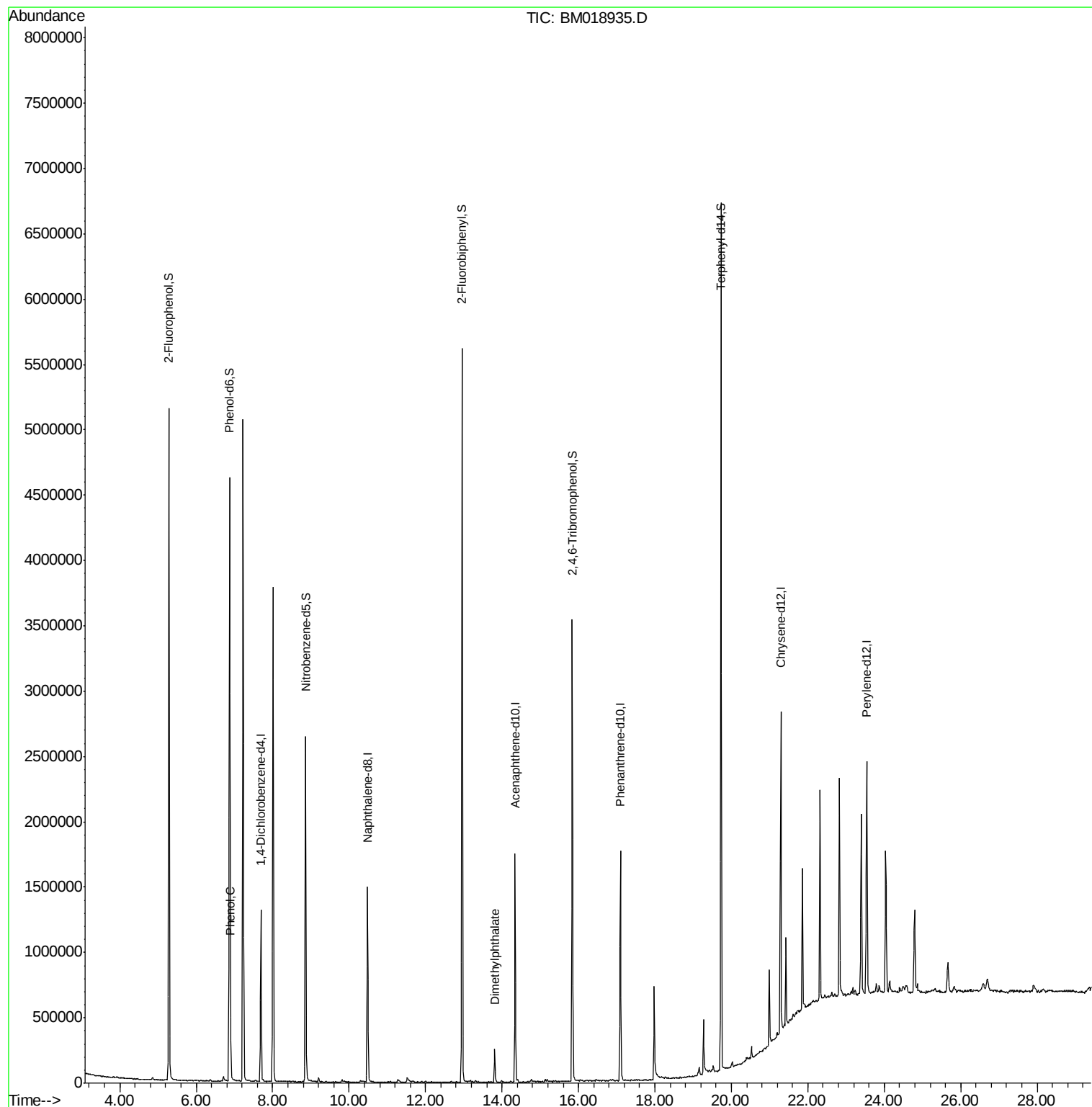
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	325283	20.00	ng	-0.02
21) Naphthalene-d8	10.48	136	1193501	20.00	ng	-0.02
39) Acenaphthene-d10	14.35	164	543136	20.00	ng	-0.02
64) Phenanthrene-d10	17.10	188	987705	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	1071736	20.00	ng	-0.02
87) Perylene-d12	23.54	264	1223004	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2026359	102.07	ng	-0.02
7) Phenol-d6	6.87	99	2648649	94.70	ng	-0.02
23) Nitrobenzene-d5	8.86	82	1709312	66.22	ng	-0.02
42) 2,4,6-Tribromophenol	15.84	330	616053	78.69	ng	-0.02
45) 2-Fluorobiphenyl	12.96	172	2752225	67.27	ng	-0.02
79) Terphenyl-d14	19.73	244	2881241	55.46	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.87	77	6629	Below Cal		Qvalue # 15
10) Phenol	6.90	94	175676	5.970	ng	97
50) Dimethylphthalate	13.81	163	164382	3.632	ng	99

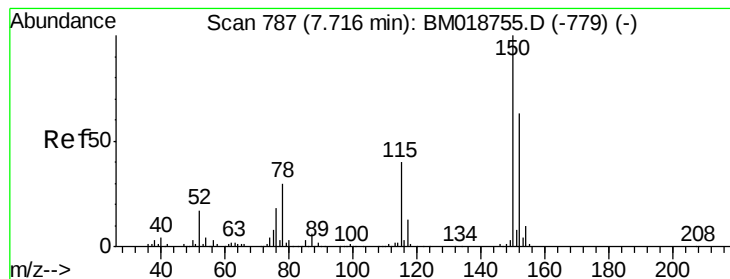
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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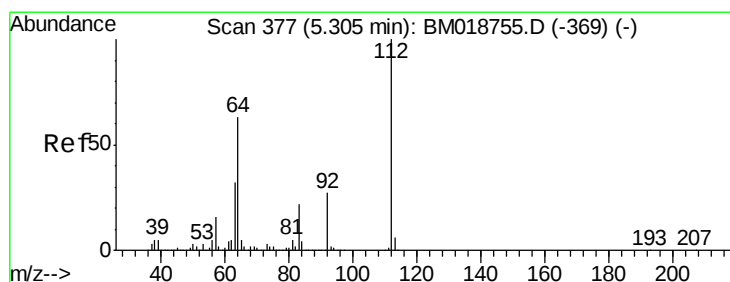
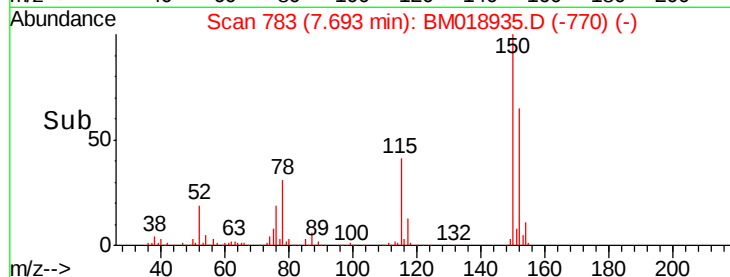
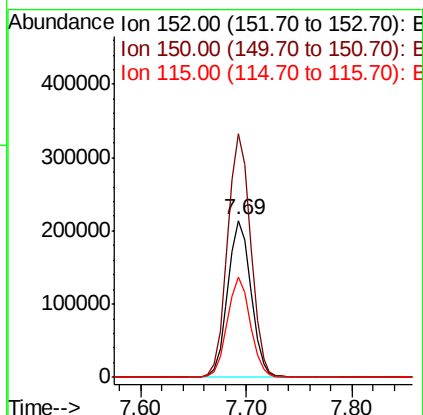
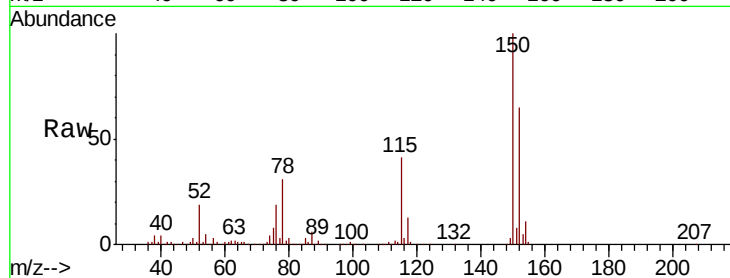


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.02 min
Lab File: BM018935.D
Acq: 26 Feb 2019 18:35

Instrument :
BNA_M
ClientSampleId :
WV-A

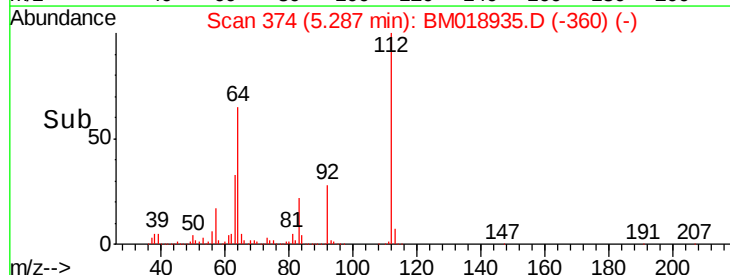
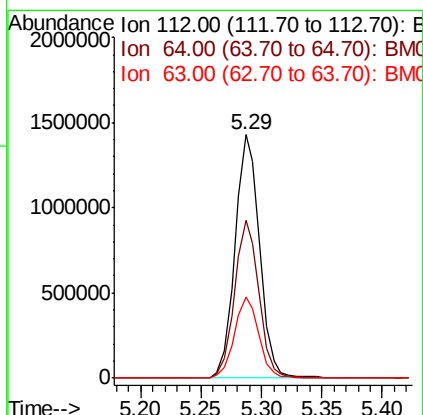
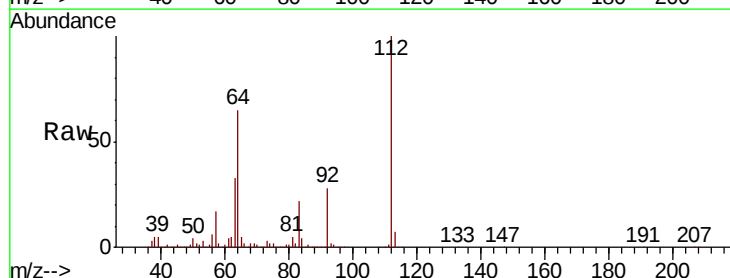
Tgt Ion:152 Resp: 325283
Ion Ratio Lower Upper
152 100
150 155.0 127.3 190.9
115 64.1 50.8 76.2

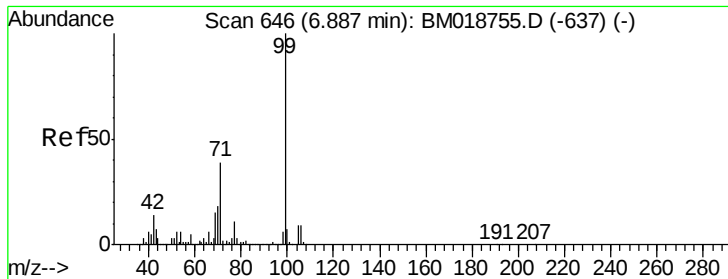


#5

2-Fluorophenol
Concen: 102.069 ng
RT: 5.29 min Scan# 374
Delta R.T. -0.02 min
Lab File: BM018935.D
Acq: 26 Feb 2019 18:35

Tgt Ion:112 Resp: 2026359
Ion Ratio Lower Upper
112 100
64 64.8 50.6 75.8
63 33.1 25.7 38.5





#7

Phenol-d6

Concen: 94.704 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.02 min

Lab File: BM018935.D

Acq: 26 Feb 2019 18:35

Instrument :

BNA_M

ClientSampleId :

WV-A

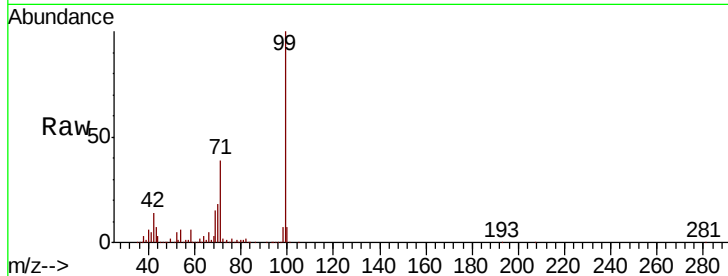
Tgt Ion: 99 Resp: 2648649

Ion Ratio Lower Upper

99 100

42 14.2 11.0 16.6

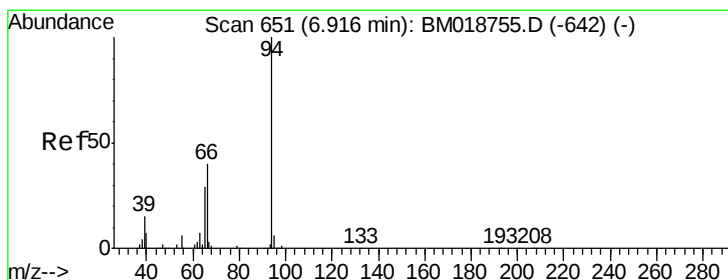
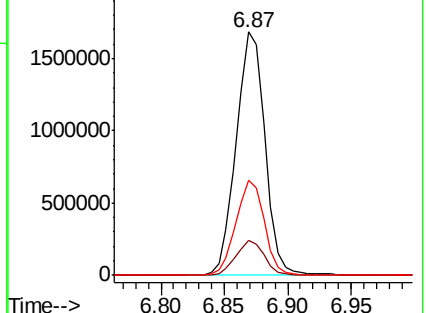
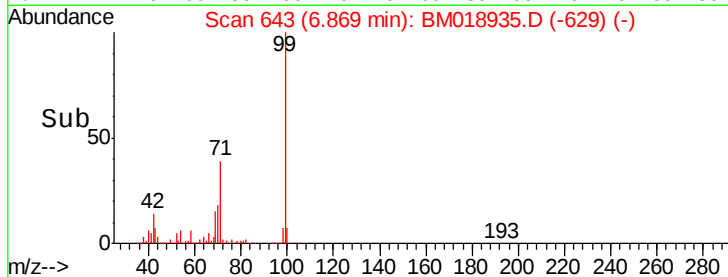
71 39.1 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018935.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018935.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018935.D (-629) (-)



#10

Phenol

Concen: 5.970 ng

RT: 6.90 min Scan# 648

Delta R.T. -0.02 min

Lab File: BM018935.D

Acq: 26 Feb 2019 18:35

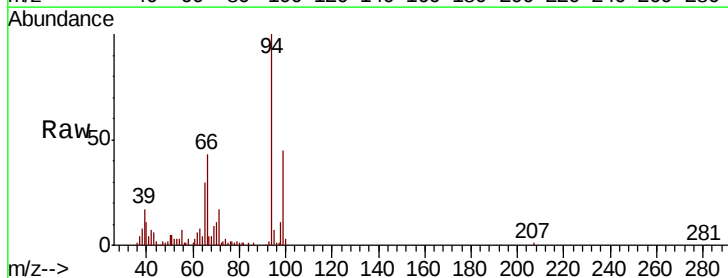
Tgt Ion: 94 Resp: 175676

Ion Ratio Lower Upper

94 100

65 30.4 9.6 49.6

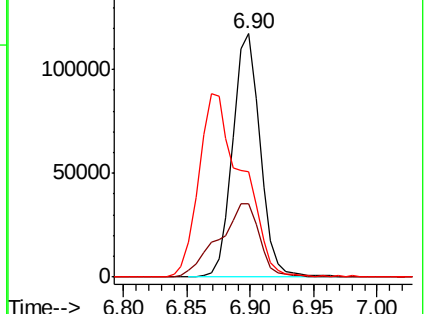
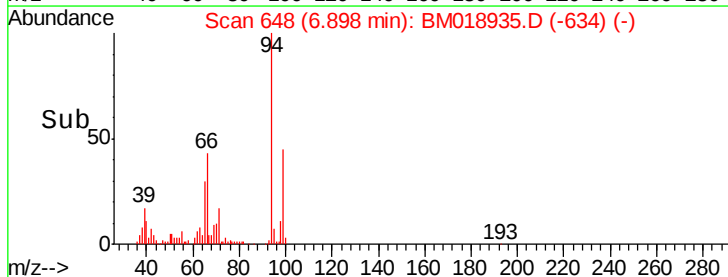
66 43.1 20.4 60.4

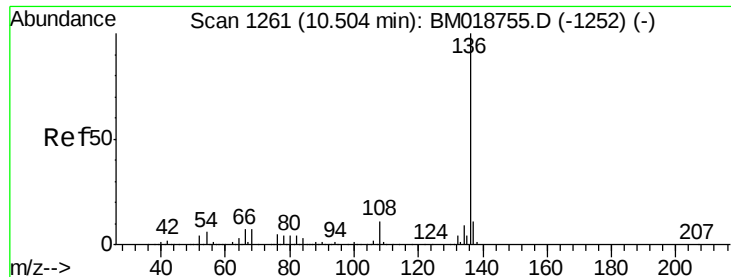


Abundance Ion 94.00 (93.70 to 94.70): BM018935.D (-634) (-)

Ion 65.00 (64.70 to 65.70): BM018935.D (-634) (-)

Ion 66.00 (65.70 to 66.70): BM018935.D (-634) (-)

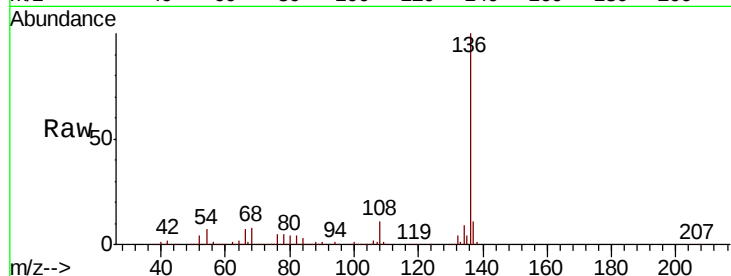




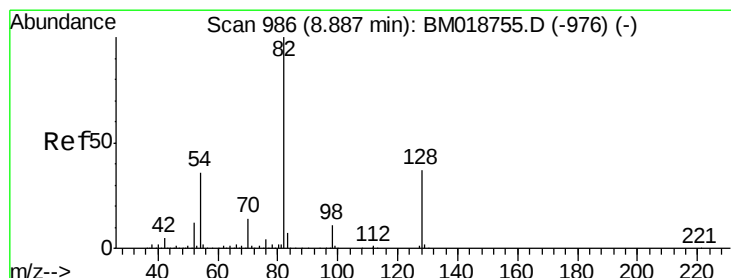
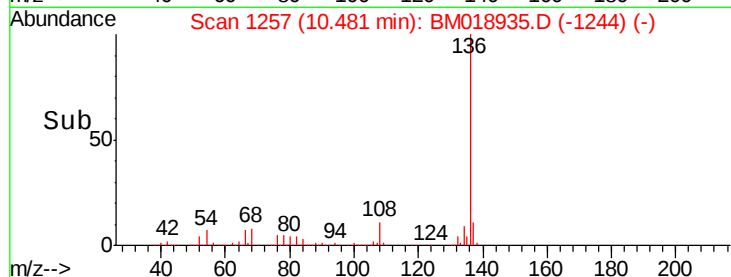
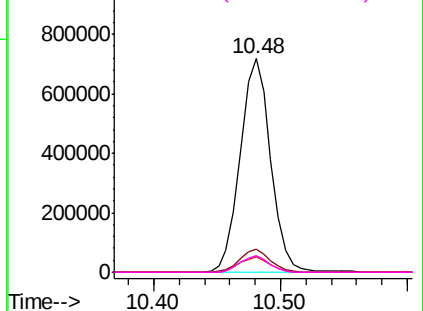
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BM018935.D
Acq: 26 Feb 2019 18:35

Instrument :
BNA_M
ClientSampled :
WV-A

Tgt Ion: 136 Resp: 1193501
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.0 5.0 7.6
68 7.7 5.5 8.3

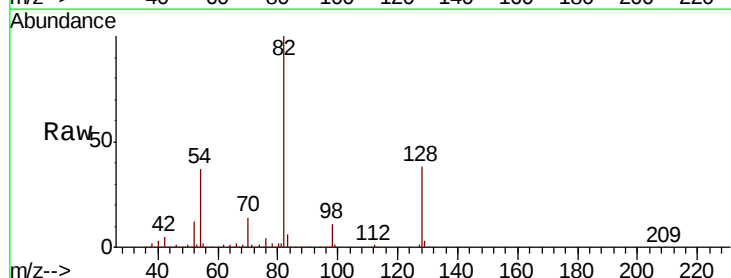


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

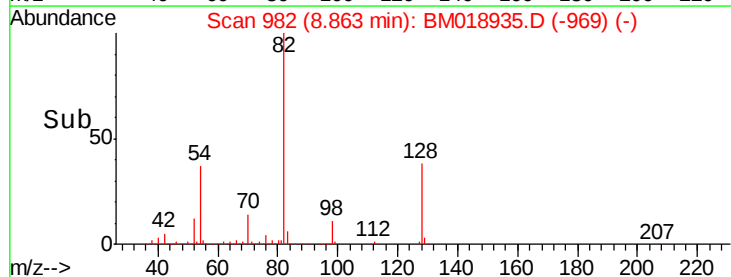
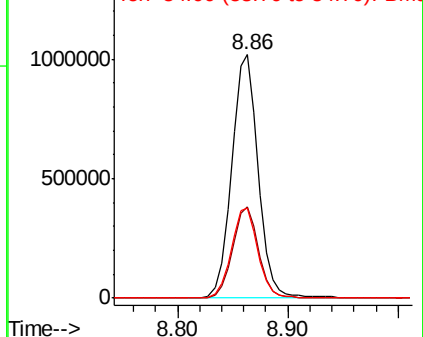


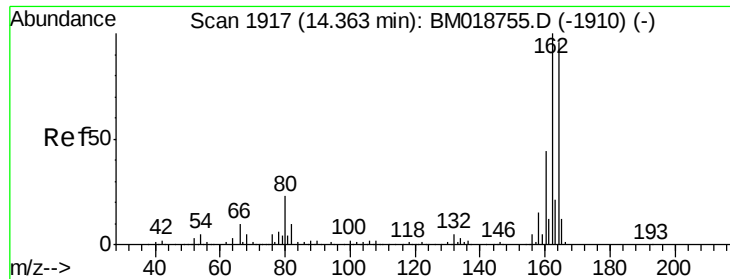
#23
Nitrobenzene-d5
Concen: 66.222 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BM018935.D
Acq: 26 Feb 2019 18:35

Tgt Ion: 82 Resp: 1709312
Ion Ratio Lower Upper
82 100
128 37.6 29.9 44.9
54 37.1 29.1 43.7



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

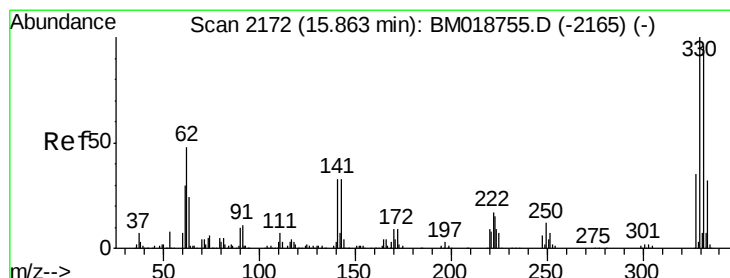
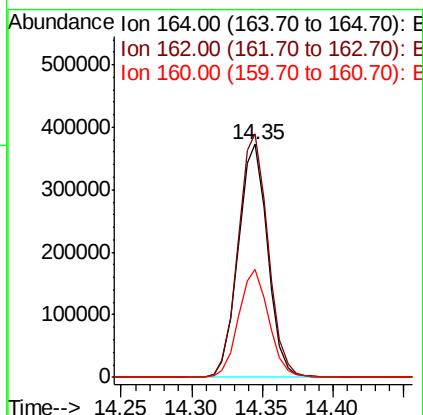
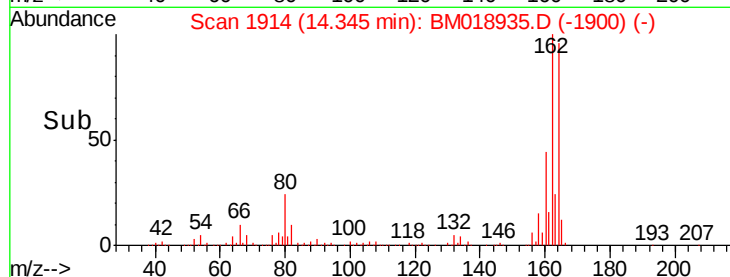
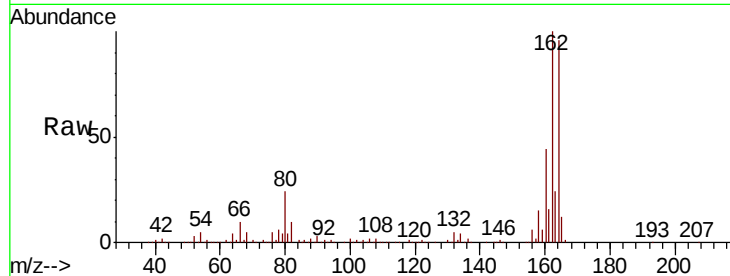




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM018935.D
Acq: 26 Feb 2019 18:35

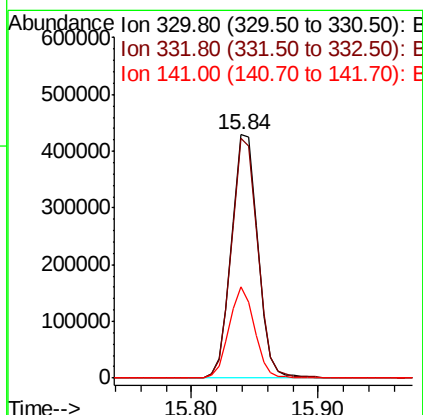
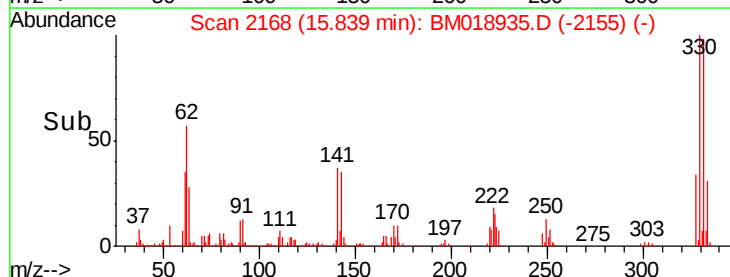
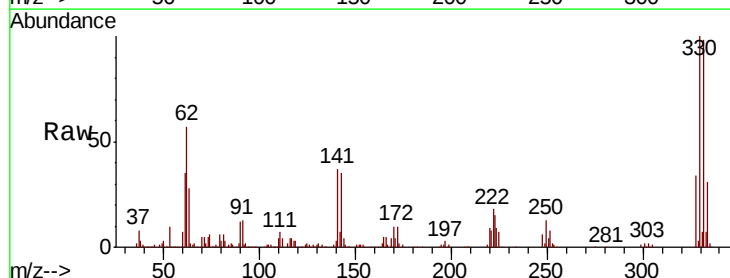
Instrument :
BNA_M
ClientSampled :
WV-A

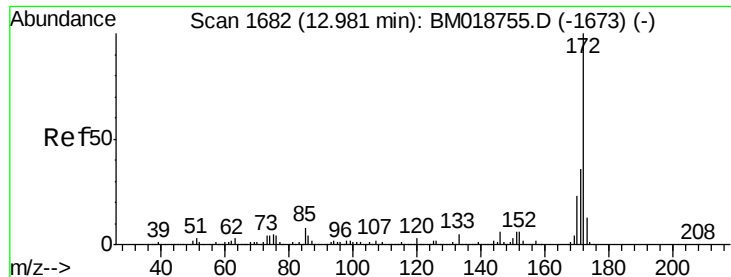
Tgt Ion:164 Resp: 543136
Ion Ratio Lower Upper
164 100
162 104.5 83.4 125.0
160 46.4 36.6 55.0



#42
2,4,6-Tribromophenol
Concen: 78.687 ng
RT: 15.84 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BM018935.D
Acq: 26 Feb 2019 18:35

Tgt Ion:330 Resp: 616053
Ion Ratio Lower Upper
330 100
332 97.9 76.9 115.3
141 36.2 28.7 43.1

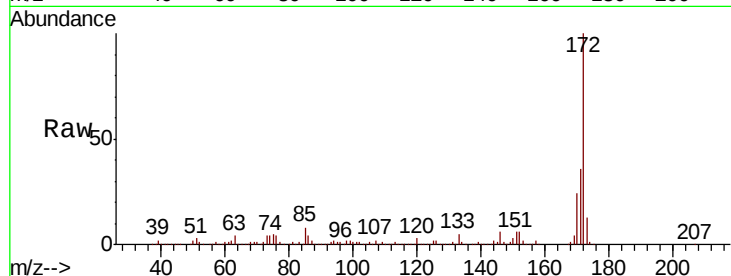




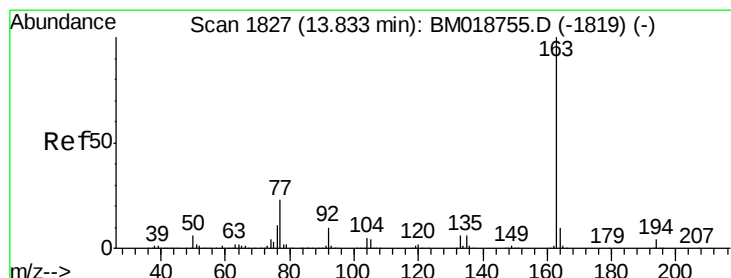
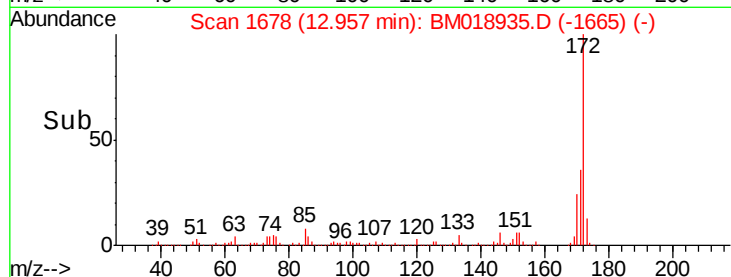
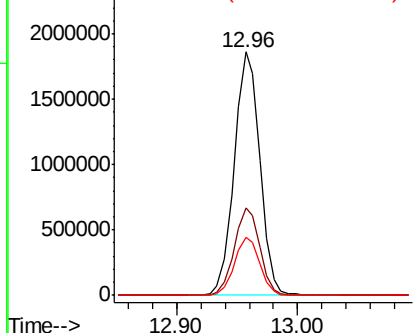
#45
2-Fluorobiphenyl
Concen: 67.267 ng
RT: 12.96 min Scan# 1678
Delta R.T. -0.02 min
Lab File: BM018935.D
Acq: 26 Feb 2019 18:35

Instrument :
BNA_M
ClientSampleId :
WV-A

Tgt Ion:172 Resp: 2752225
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.6
170 23.7 18.6 28.0

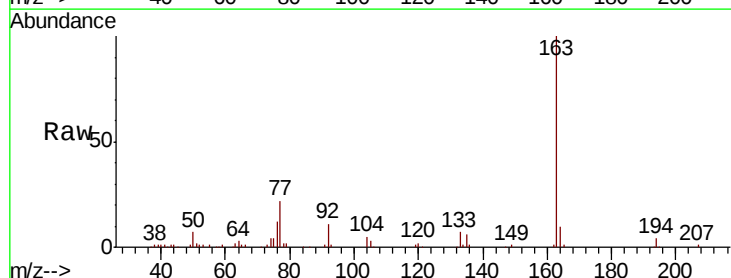


Abundance Ion 172.00 (171.70 to 172.70): E
2500000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

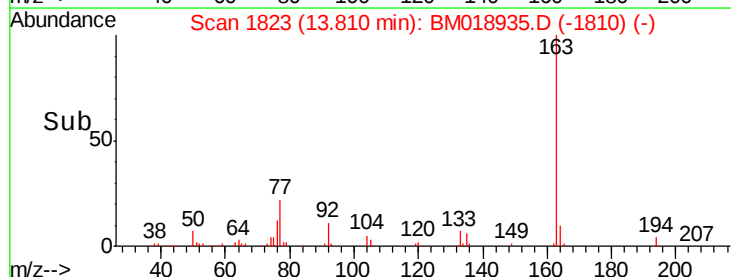
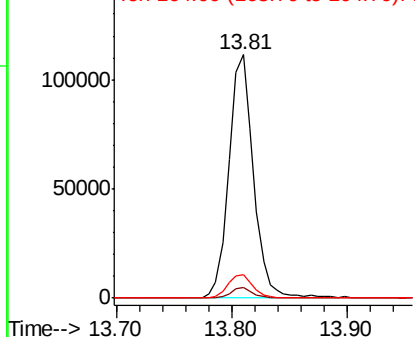


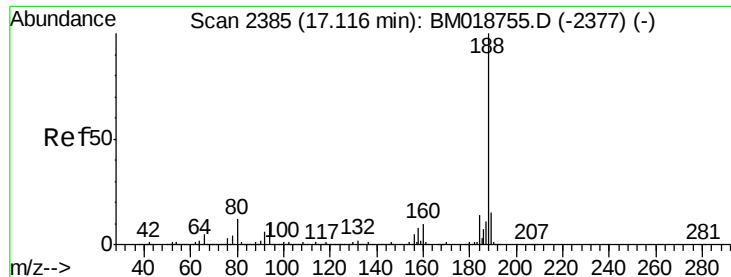
#50
Dimethylphthalate
Concen: 3.632 ng
RT: 13.81 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BM018935.D
Acq: 26 Feb 2019 18:35

Tgt Ion:163 Resp: 164382
Ion Ratio Lower Upper
163 100
194 4.5 3.2 4.8
164 9.6 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E
150000 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: 17.10 min Scan# 2382

Delta R.T. -0.02 min

Lab File: BM018935.D

Acq: 26 Feb 2019 18:35

Instrument :

BNA_M

ClientSampleId :

WV-A

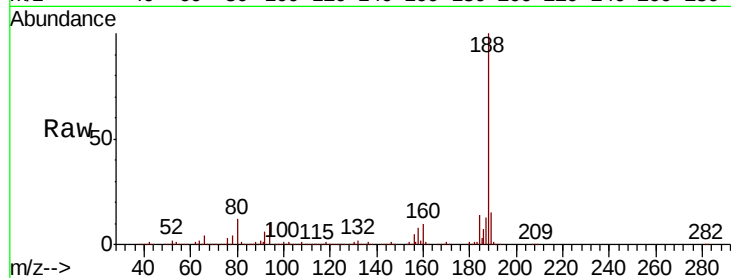
Tgt Ion:188 Resp: 987705

Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.2

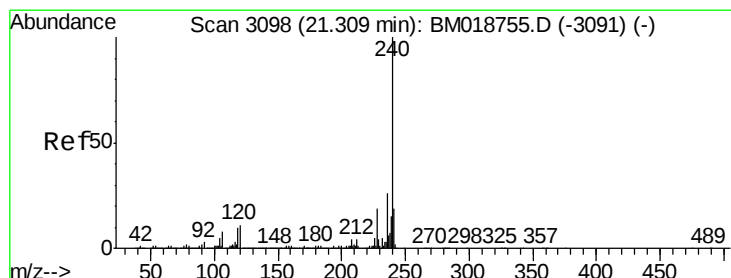
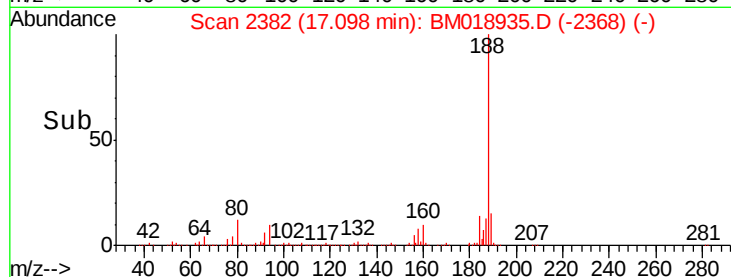
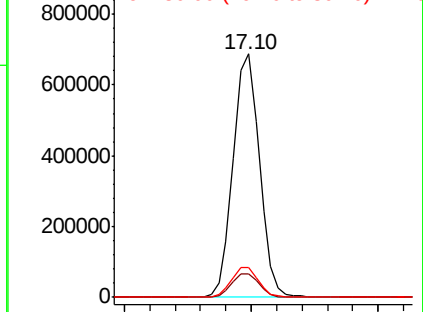
80 12.0 9.7 14.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.29 min Scan# 3095

Delta R.T. -0.02 min

Lab File: BM018935.D

Acq: 26 Feb 2019 18:35

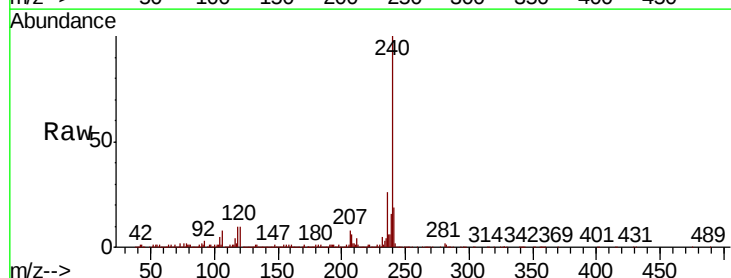
Tgt Ion:240 Resp: 1071736

Ion Ratio Lower Upper

240 100

120 10.2 8.9 13.3

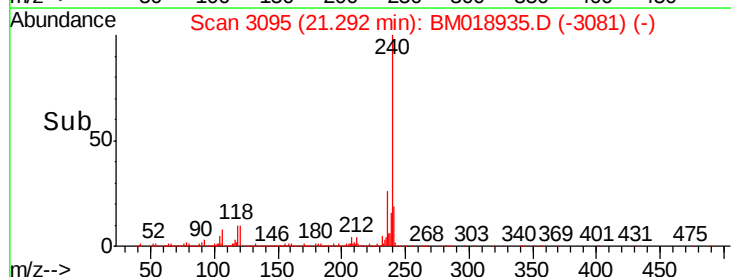
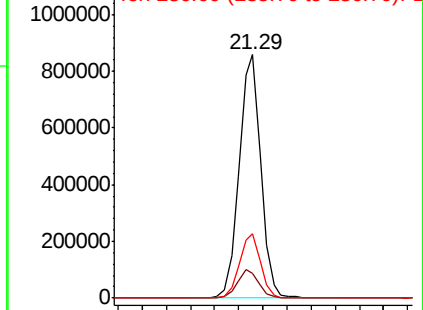
236 26.3 20.9 31.3

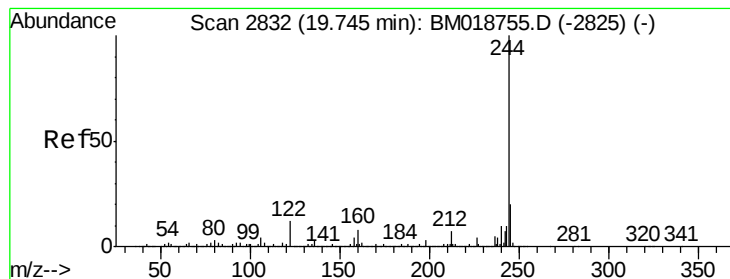


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 55.459 ng

RT: 19.73 min Scan# 2829

Delta R.T. -0.02 min

Lab File: BM018935.D

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WV-A

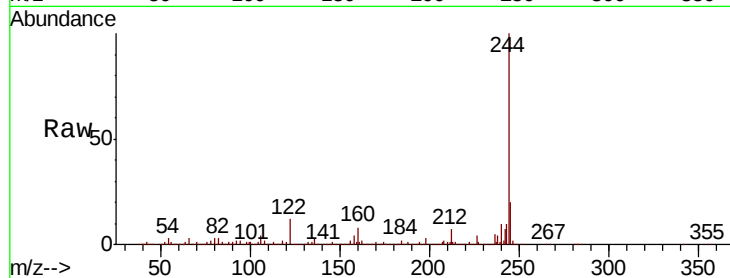
Tgt Ion:244 Resp: 2881241

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

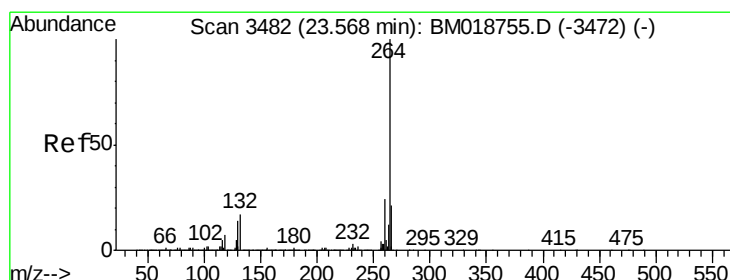
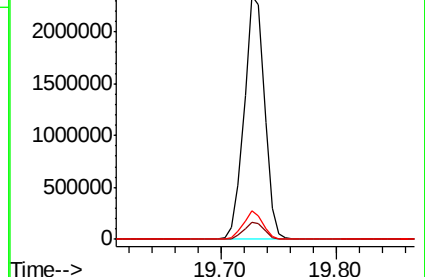
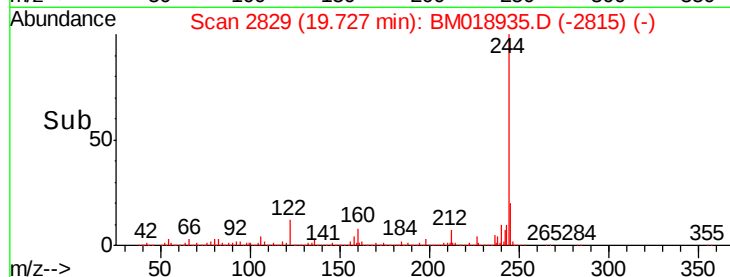
122 11.5 9.3 13.9



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: 23.54 min Scan# 3478

Delta R.T. -0.02 min

Lab File: BM018935.D

Acq: 26 Feb 2019 18:35

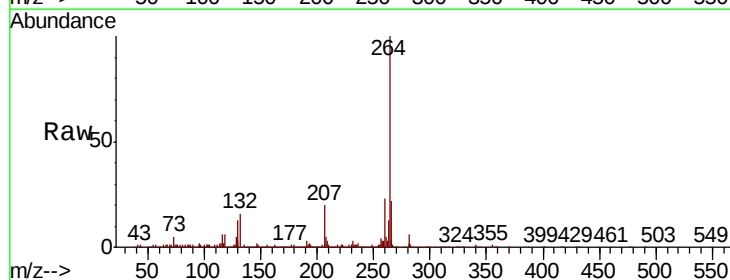
Tgt Ion:264 Resp: 1223004

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 21.7 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

