

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021219\
 Data File : BM018779.D
 Acq On : 12 Feb 2019 19:02
 Operator : JU/SJ
 Sample : K1458-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GW-1

Quant Time: Feb 13 02:23:43 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

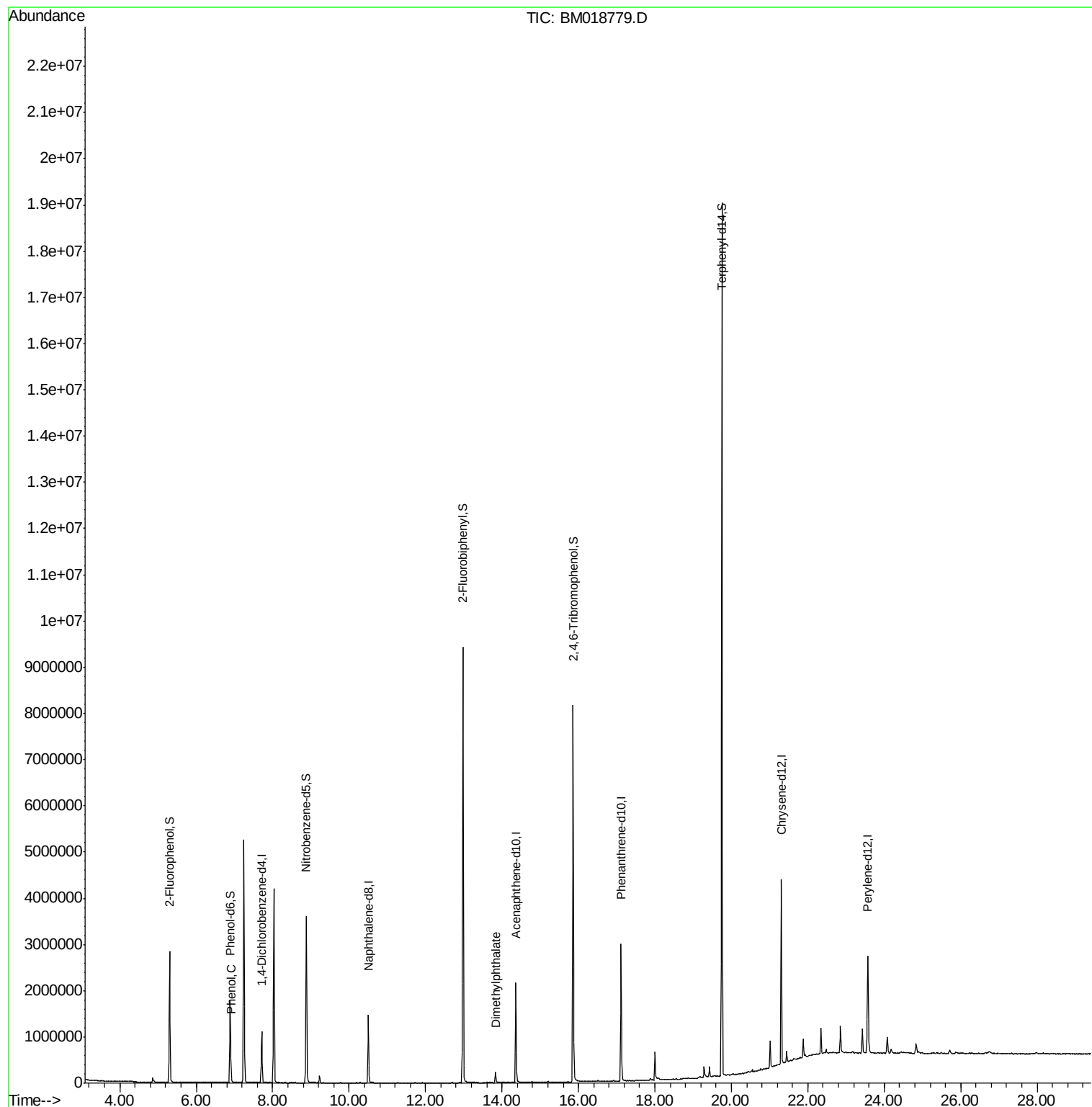
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	286819	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1195026	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	694832	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1630074	20.00	ng	0.00
76) Chrysene-d12	21.31	240	1712846	20.00	ng	0.00
87) Perylene-d12	23.57	264	1548631	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1136943	64.95	ng	0.00
7) Phenol-d6	6.89	99	1000415	40.57	ng	0.00
23) Nitrobenzene-d5	8.88	82	2325013	89.96	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	1414349	141.21	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	4601540	87.91	ng	0.00
79) Terphenyl-d14	19.75	244	8041799	96.85	ng	0.00
Target Compounds						
9) Benzaldehyde	6.88	77	6785	Below Cal		Qvalue # 37
10) Phenol	6.91	94	93322	3.597 ng		94
50) Dimethylphthalate	13.83	163	150221	2.594 ng		99

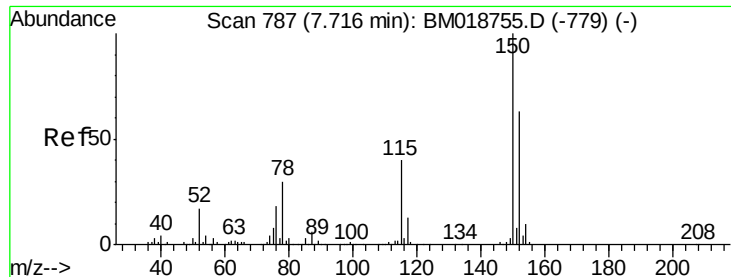
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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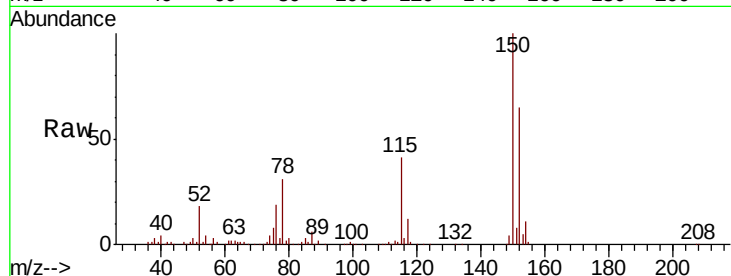


#1

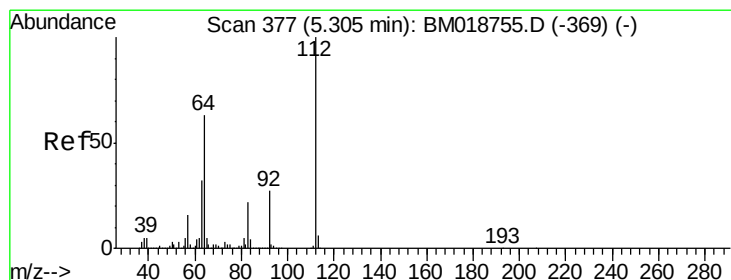
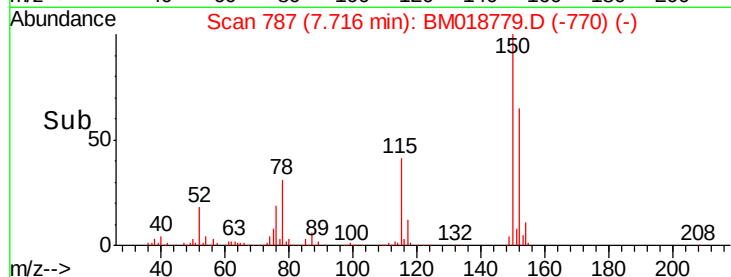
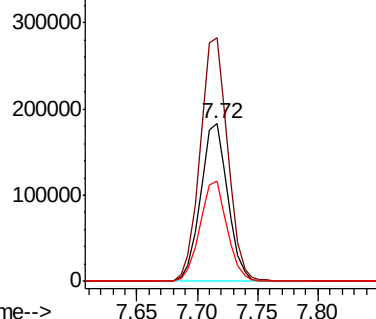
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM018779.D
Acq: 12 Feb 2019 19:02

Instrument :
BNA_M
ClientSampleId :
GW-1

Tgt Ion:152 Resp: 286819
Ion Ratio Lower Upper
152 100
150 154.4 127.3 190.9
115 63.6 50.8 76.2



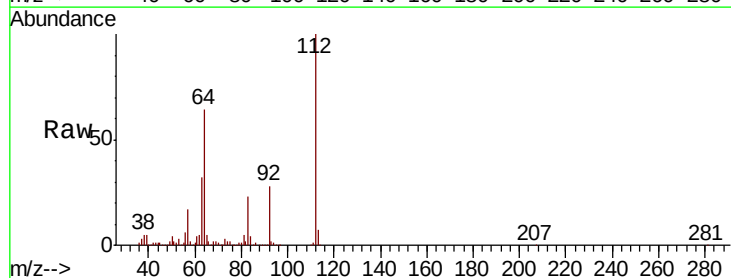
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



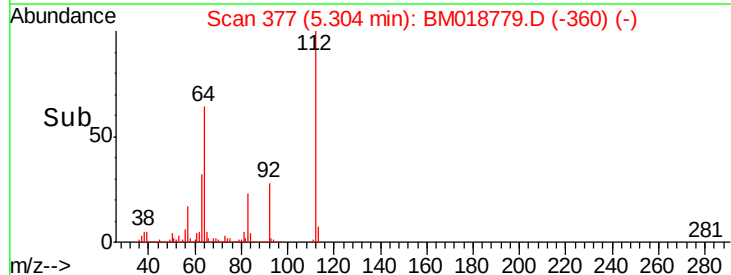
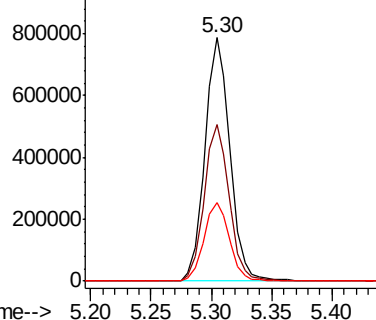
#5

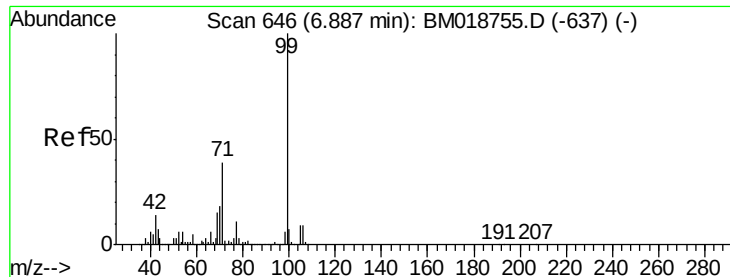
2-Fluorophenol
Concen: 64.949 ng
RT: 5.30 min Scan# 377
Delta R.T. -0.00 min
Lab File: BM018779.D
Acq: 12 Feb 2019 19:02

Tgt Ion:112 Resp: 1136943
Ion Ratio Lower Upper
112 100
64 64.2 50.6 75.8
63 32.5 25.7 38.5



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: 40.567 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.00 min

Lab File: BM018779.D

Acq: 12 Feb 2019 19:02

Instrument :

BNA_M

ClientSampleId :

GW-1

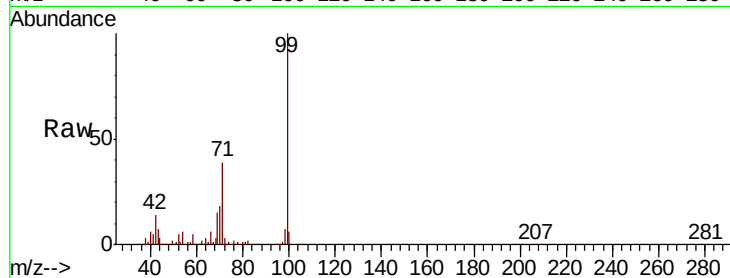
Tgt Ion: 99 Resp: 1000415

Ion Ratio Lower Upper

99 100

42 13.9 11.0 16.6

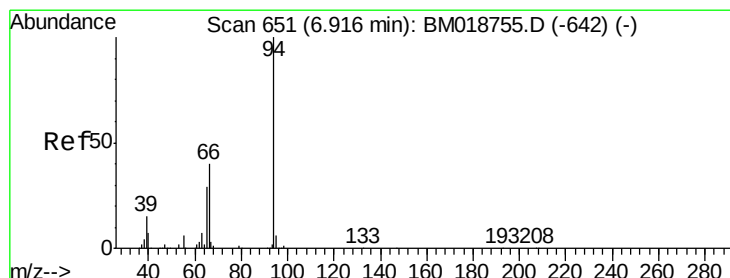
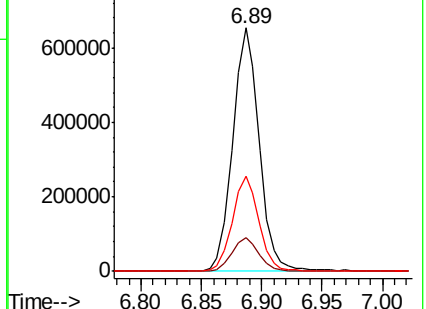
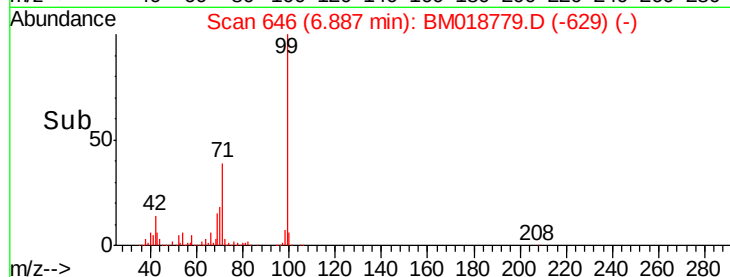
71 39.2 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018779.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018779.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018779.D (-629) (-)



#10

Phenol

Concen: 3.597 ng

RT: 6.91 min Scan# 650

Delta R.T. -0.01 min

Lab File: BM018779.D

Acq: 12 Feb 2019 19:02

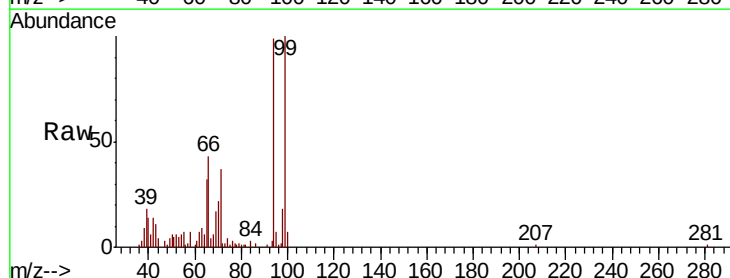
Tgt Ion: 94 Resp: 93322

Ion Ratio Lower Upper

94 100

65 32.5 9.6 49.6

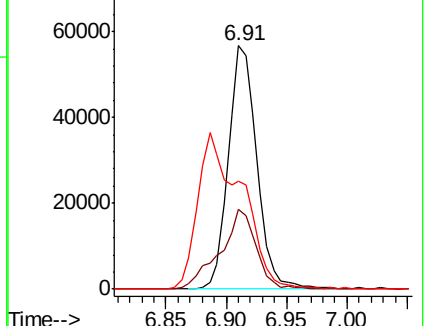
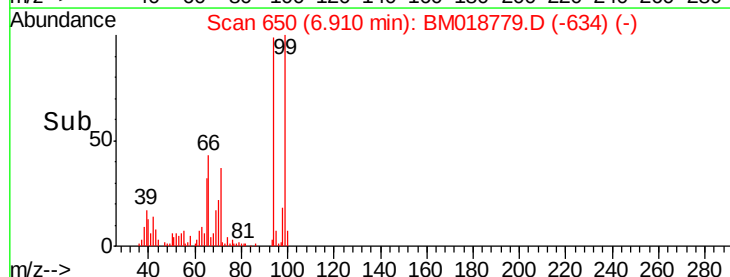
66 44.1 20.4 60.4

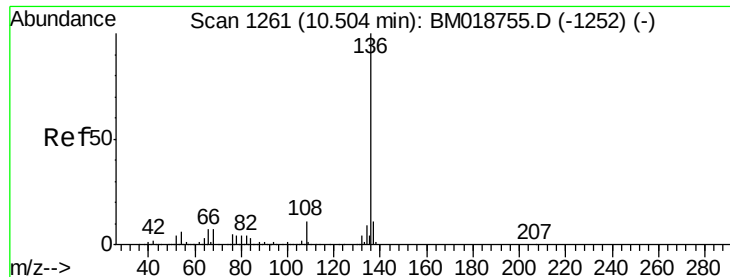


Abundance Ion 94.00 (93.70 to 94.70): BM018779.D (-634) (-)

Ion 65.00 (64.70 to 65.70): BM018779.D (-634) (-)

Ion 66.00 (65.70 to 66.70): BM018779.D (-634) (-)

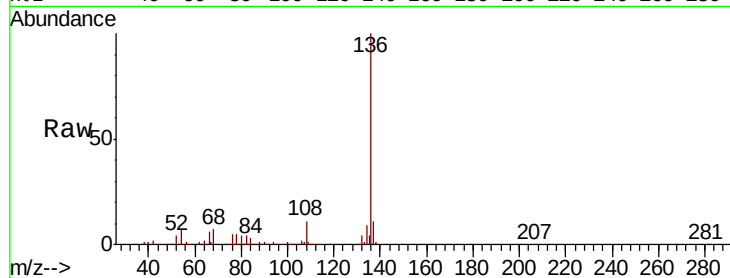




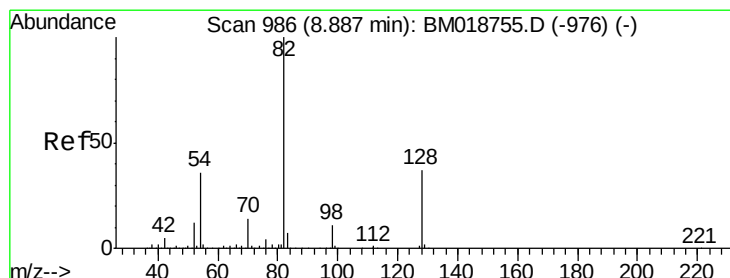
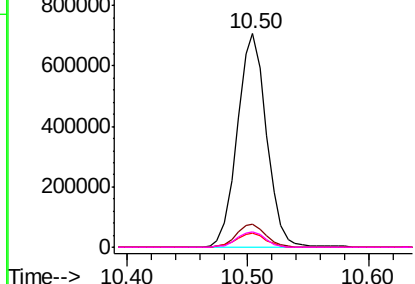
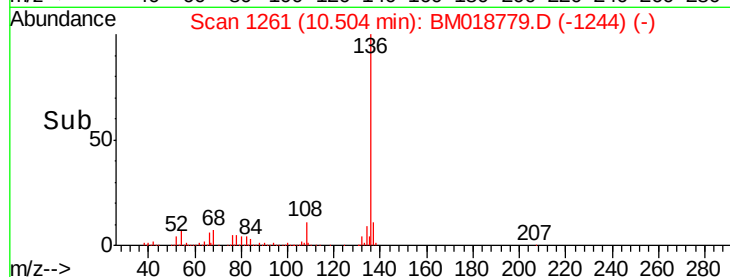
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BM018779.D
Acq: 12 Feb 2019 19:02

Instrument :
BNA_M
ClientSampled :
GW-1

Tgt Ion:136 Resp: 1195026
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.7 5.0 7.6
68 7.2 5.5 8.3

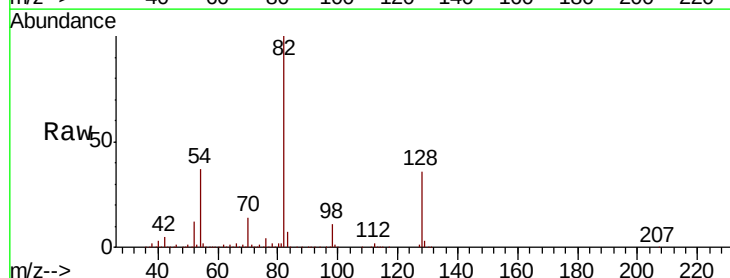


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

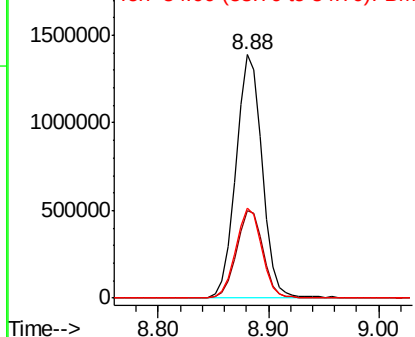
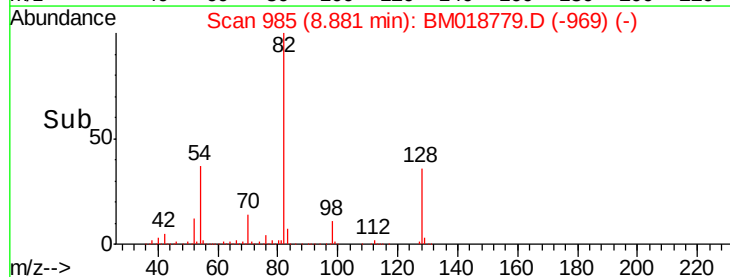


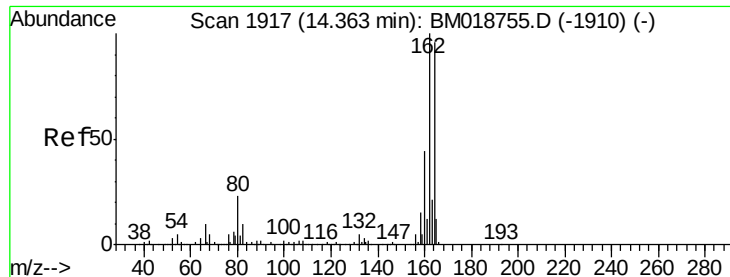
#23
Nitrobenzene-d5
Concen: 89.961 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BM018779.D
Acq: 12 Feb 2019 19:02

Tgt Ion: 82 Resp: 2325013
Ion Ratio Lower Upper
82 100
128 36.1 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: 14.36 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BM018779.D

Acq: 12 Feb 2019 19:02

Instrument :

BNA_M

ClientSampleId :

GW-1

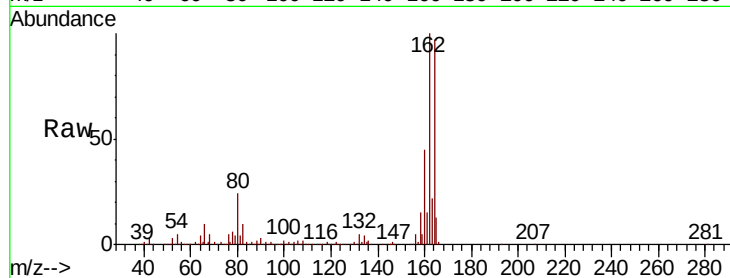
Tgt Ion:164 Resp: 694832

Ion Ratio Lower Upper

164 100

162 102.9 83.4 125.0

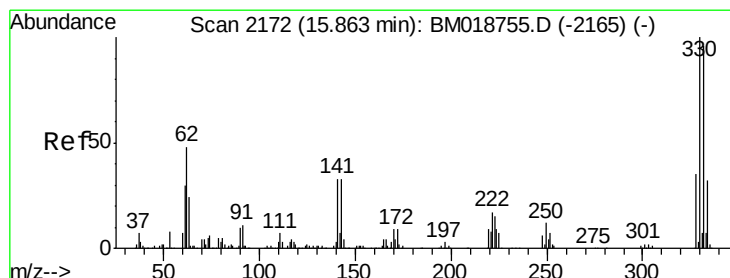
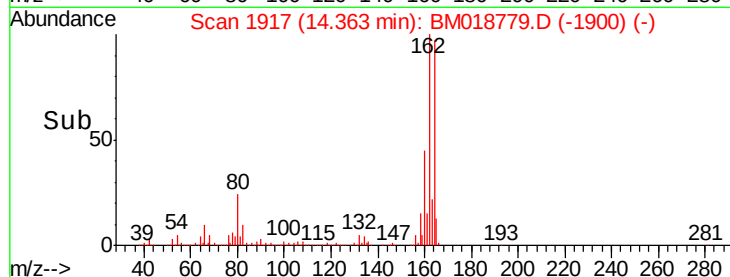
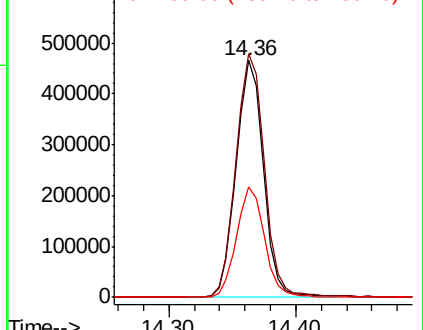
160 46.6 36.6 55.0



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: 141.212 ng

RT: 15.86 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BM018779.D

Acq: 12 Feb 2019 19:02

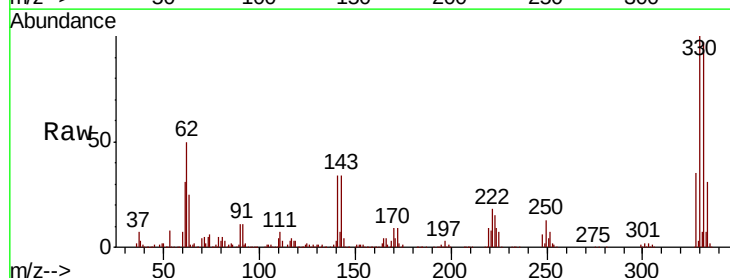
Tgt Ion:330 Resp: 1414349

Ion Ratio Lower Upper

330 100

332 97.2 76.9 115.3

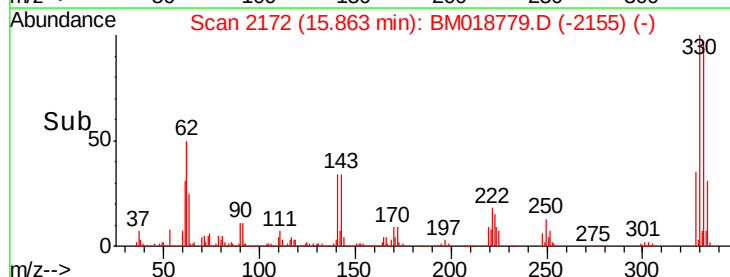
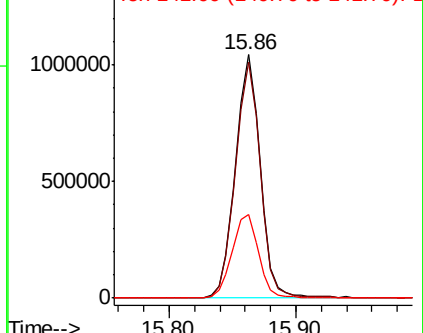
141 36.6 28.7 43.1

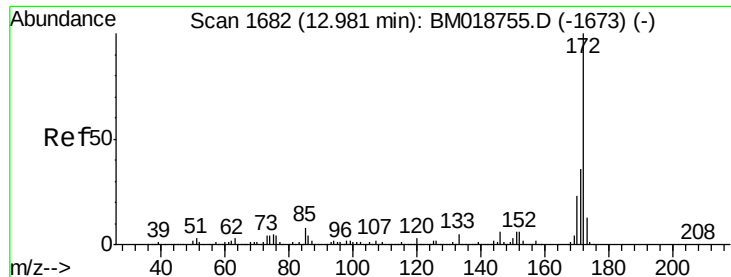


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

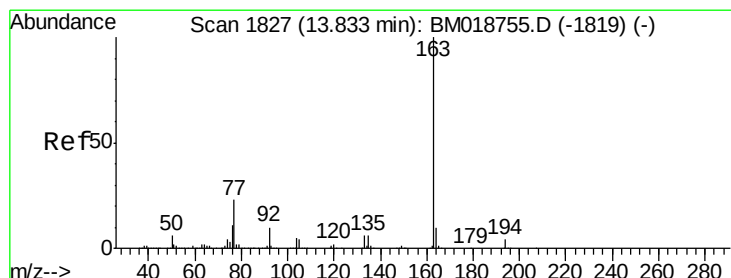
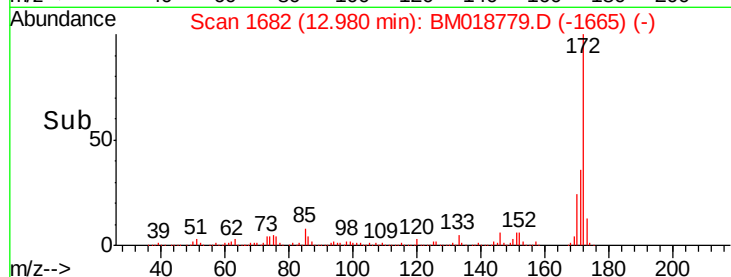
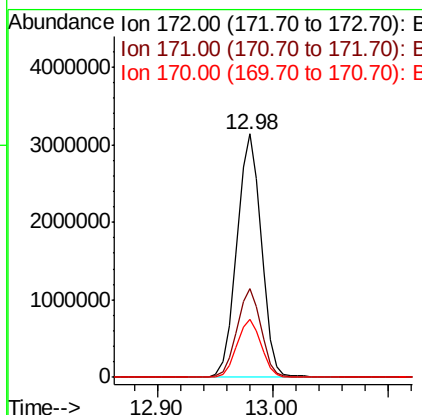
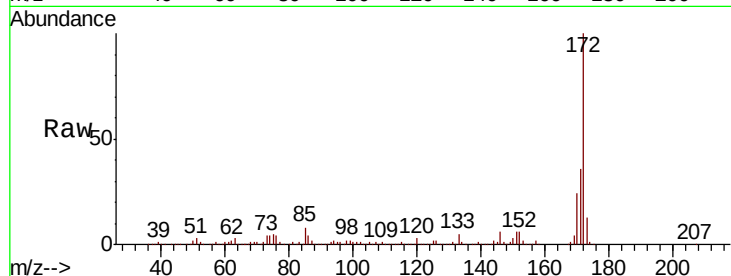




#45
2-Fluorobiphenyl
Concen: 87.912 ng
RT: 12.98 min Scan# 1682
Delta R.T. -0.00 min
Lab File: BM018779.D
Acq: 12 Feb 2019 19:02

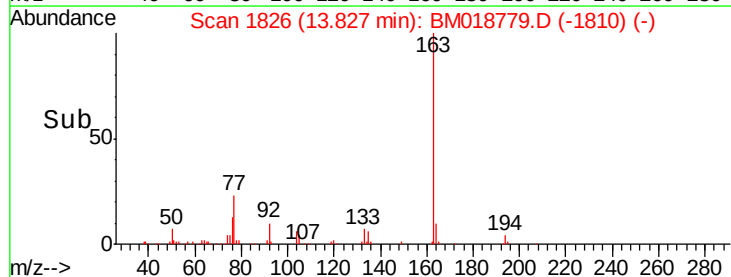
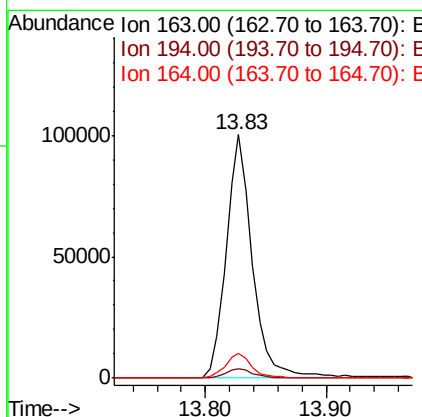
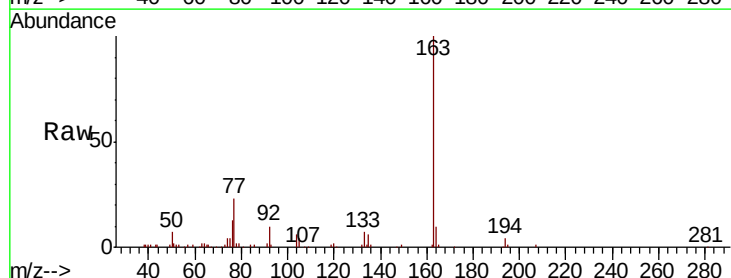
Instrument :
BNA_M
ClientSampleId :
GW-1

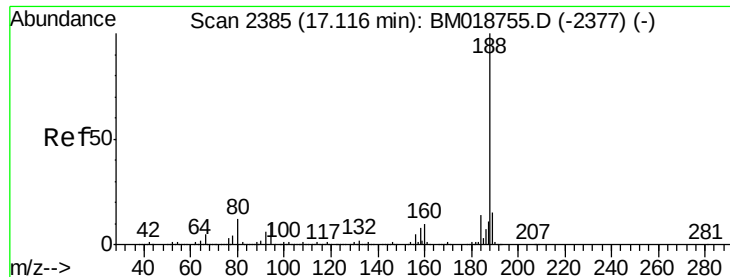
Tgt Ion:172 Resp: 4601540
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.6
170 23.9 18.6 28.0



#50
Dimethylphthalate
Concen: 2.594 ng
RT: 13.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BM018779.D
Acq: 12 Feb 2019 19:02

Tgt Ion:163 Resp: 150221
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.3 7.8 11.8

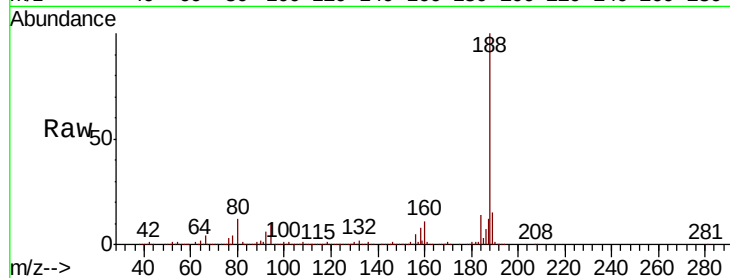




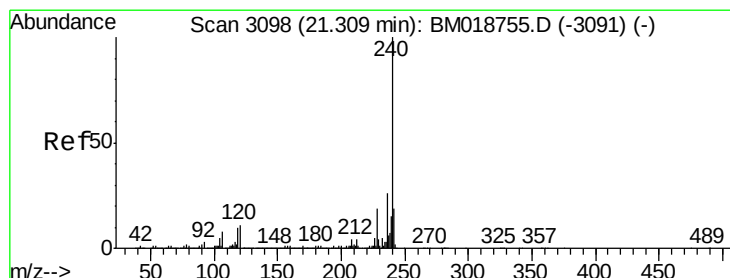
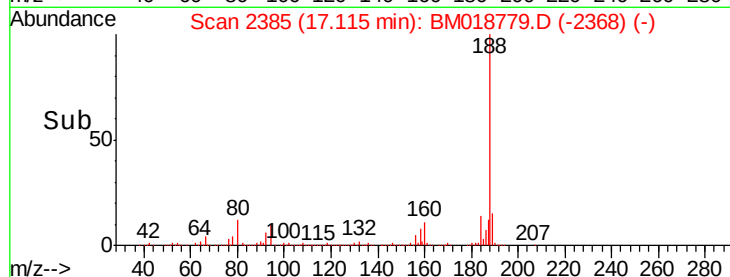
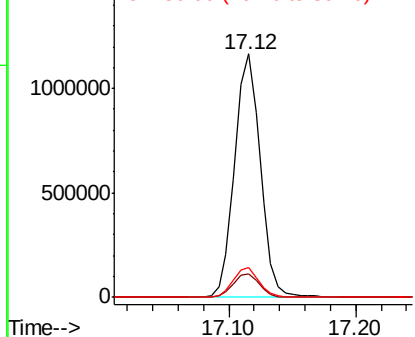
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM018779.D
Acq: 12 Feb 2019 19:02

Instrument :
BNA_M
ClientSampleId :
GW-1

Tgt Ion:188 Resp: 1630074
Ion Ratio Lower Upper
188 100
94 9.7 8.2 12.2
80 12.0 9.7 14.5

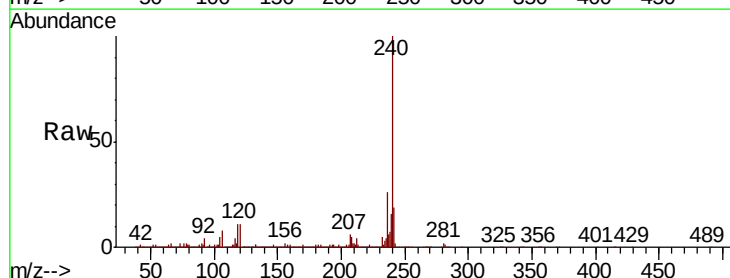


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

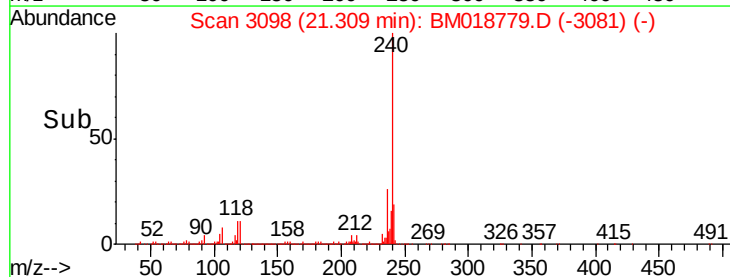
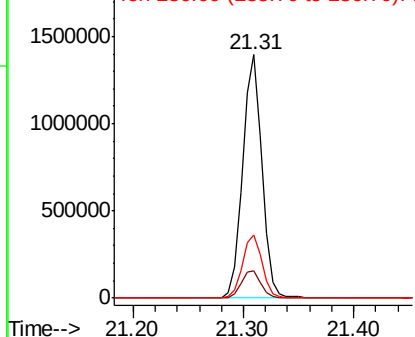


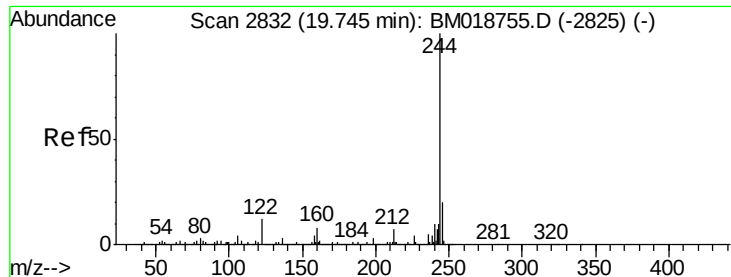
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.31 min Scan# 3098
Delta R.T. -0.00 min
Lab File: BM018779.D
Acq: 12 Feb 2019 19:02

Tgt Ion:240 Resp: 1712846
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 26.2 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: 96.853 ng

RT: 19.75 min Scan# 2833

Delta R.T. 0.01 min

Lab File: BM018779.D

Acq: 12 Feb 2019 19:02

Instrument :

BNA_M

ClientSampleId :

GW-1

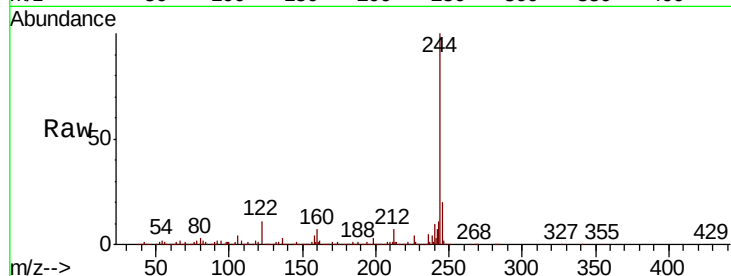
Tgt Ion:244 Resp: 8041799

Ion Ratio Lower Upper

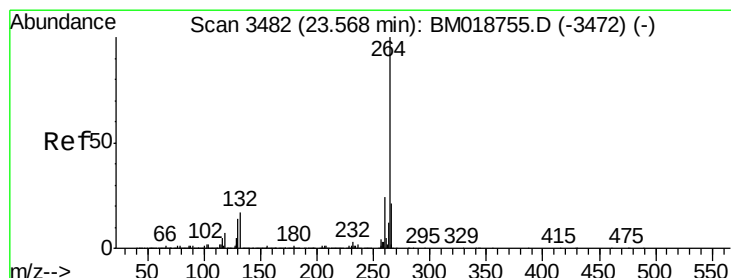
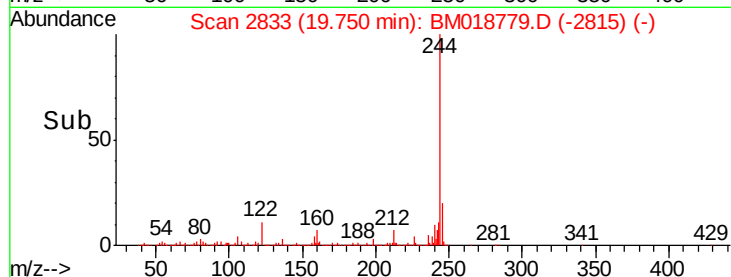
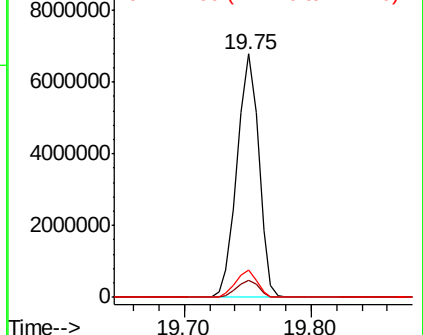
244 100

212 7.1 5.6 8.4

122 11.0 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: 23.57 min Scan# 3482

Delta R.T. -0.00 min

Lab File: BM018779.D

Acq: 12 Feb 2019 19:02

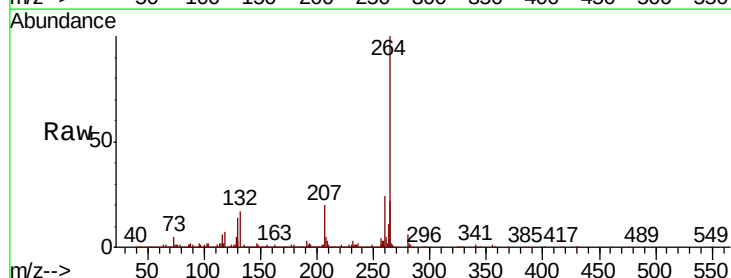
Tgt Ion:264 Resp: 1548631

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 22.1 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

