

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021919\
 Data File : BM018858.D
 Acq On : 19 Feb 2019 15:58
 Operator : JU/SJ
 Sample : K1515-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 19 17:03:18 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

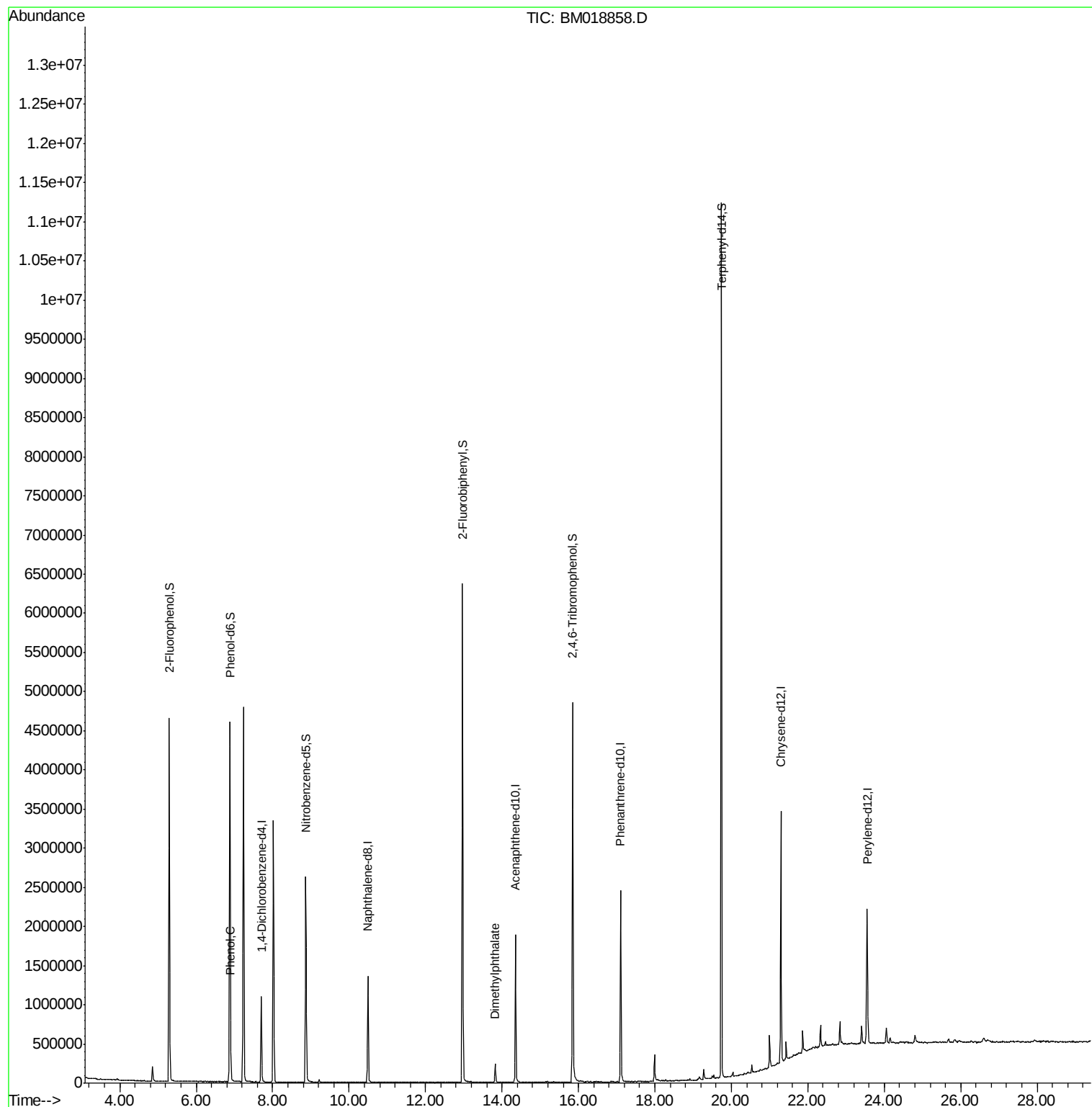
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	273732	20.00	ng	-0.01
21) Naphthalene-d8	10.49	136	1103675	20.00	ng	-0.01
39) Acenaphthene-d10	14.35	164	600079	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	1331727	20.00	ng	-0.01
76) Chrysene-d12	21.30	240	1309908	20.00	ng	-0.01
87) Perylene-d12	23.55	264	1190379	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1882648	112.69	ng	0.00
7) Phenol-d6	6.88	99	2580565	109.65	ng	0.00
23) Nitrobenzene-d5	8.87	82	1675012	70.17	ng	-0.02
42) 2,4,6-Tribromophenol	15.85	330	860499	99.48	ng	-0.01
45) 2-Fluorobiphenyl	12.97	172	3046768	67.40	ng	-0.01
79) Terphenyl-d14	19.74	244	4608374	72.57	ng	0.00
Target Compounds						
9) Benzaldehyde	6.88	77	7628	Below Cal		Qvalue # 7
10) Phenol	6.90	94	80347	3.245	ng	92
50) Dimethylphthalate	13.82	163	169375	3.387	ng	98

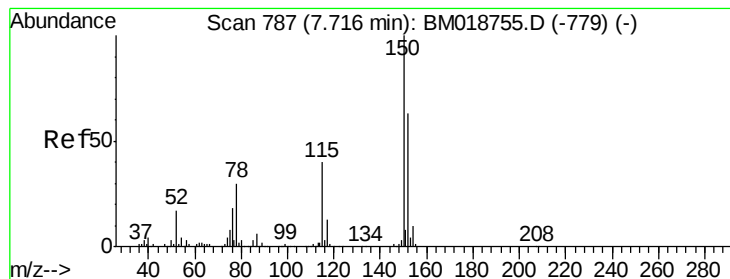
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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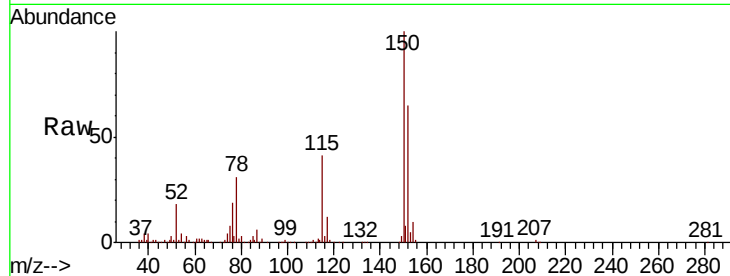


#1

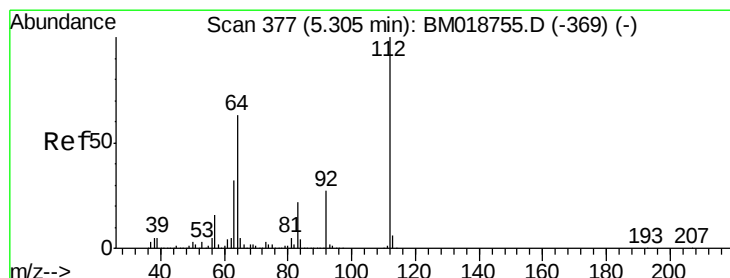
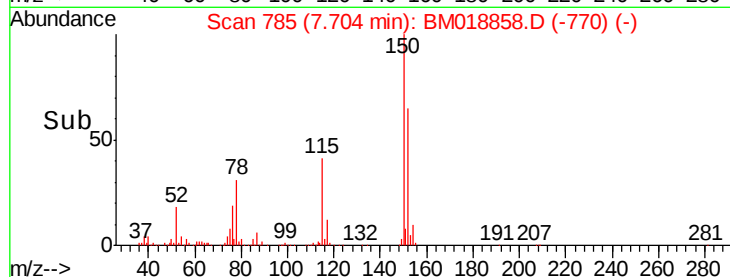
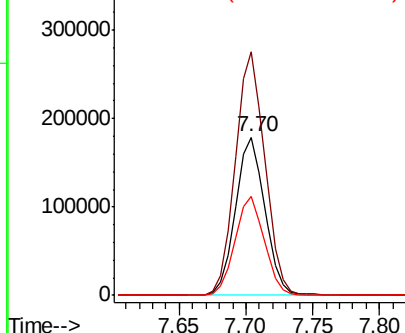
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BM018858.D
Acq: 19 Feb 2019 15:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 273732
Ion Ratio Lower Upper
152 100
150 154.2 127.3 190.9
115 62.7 50.8 76.2



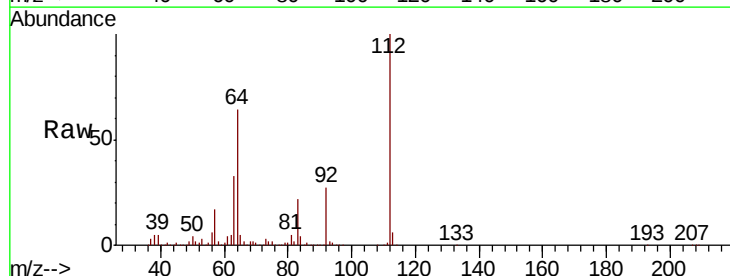
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



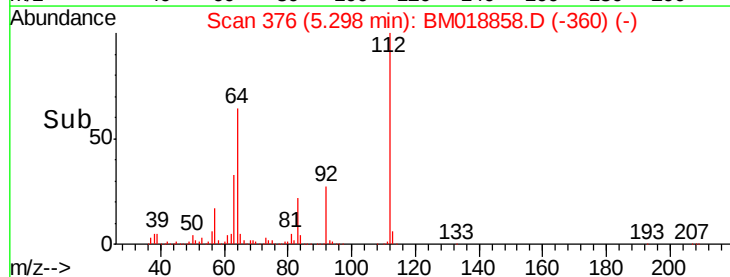
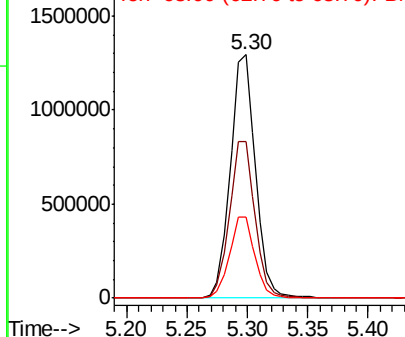
#5

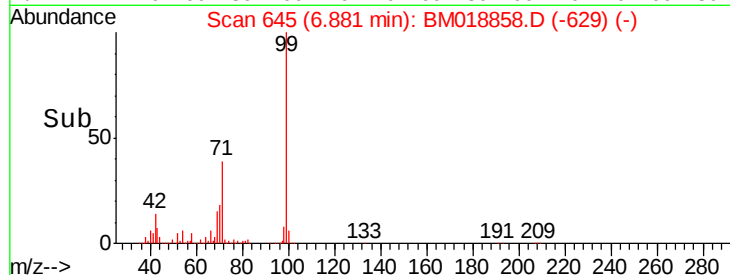
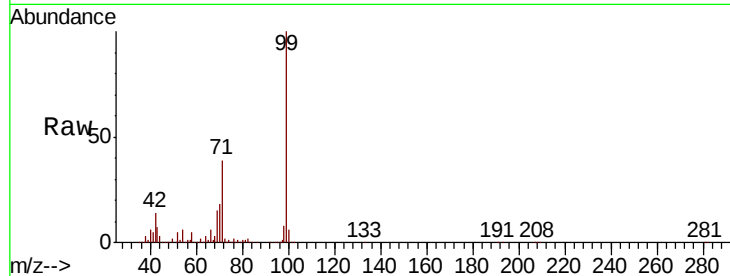
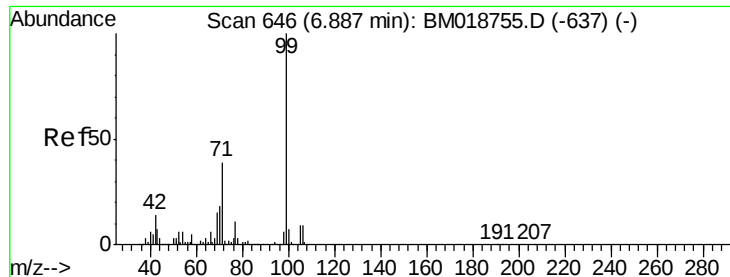
2-Fluorophenol
Concen: 112.689 ng
RT: 5.30 min Scan# 376
Delta R.T. -0.01 min
Lab File: BM018858.D
Acq: 19 Feb 2019 15:58

Tgt Ion:112 Resp: 1882648
Ion Ratio Lower Upper
112 100
64 64.1 50.6 75.8
63 33.1 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: 109.646 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM018858.D

Acq: 19 Feb 2019 15:58

Instrument :

BNA_M

ClientSampleId :

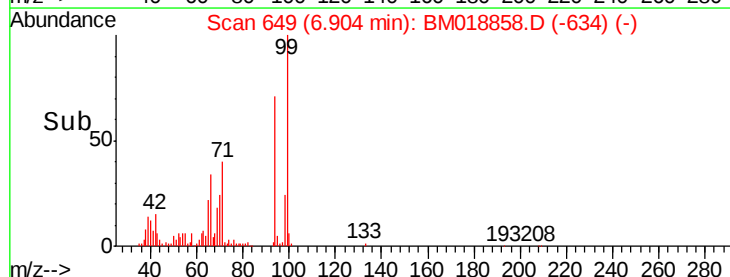
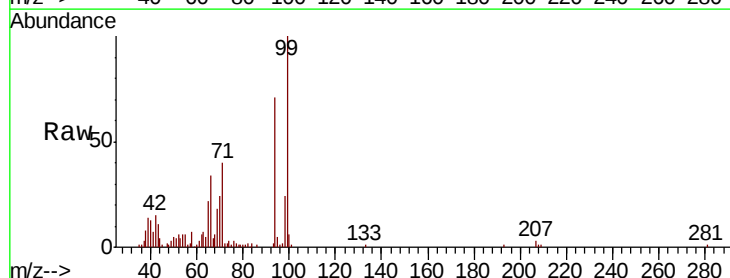
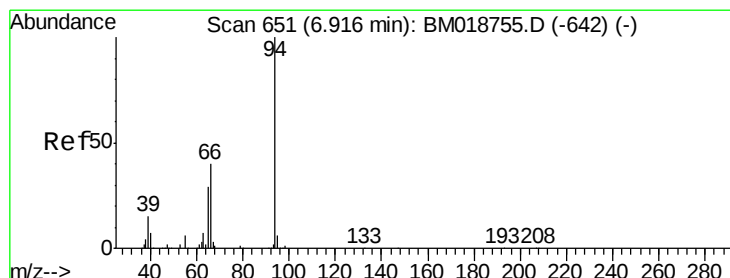
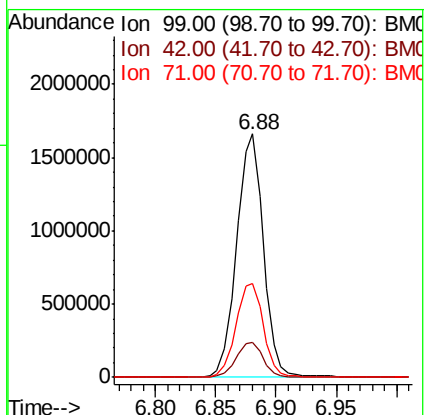
Tot Ion: 99 Resp: 2580565

Ion Ratio Lower Upper

99 100

42 14.3 11.0 16.6

71 38.7 31.3 46.9



#10

Phenol

Concen: 3.245 ng

RT: 6.90 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM018858.D

Acq: 19 Feb 2019 15:58

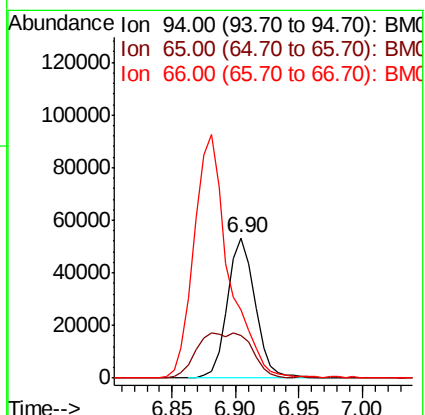
Tgt Ion: 94 Resp: 80347

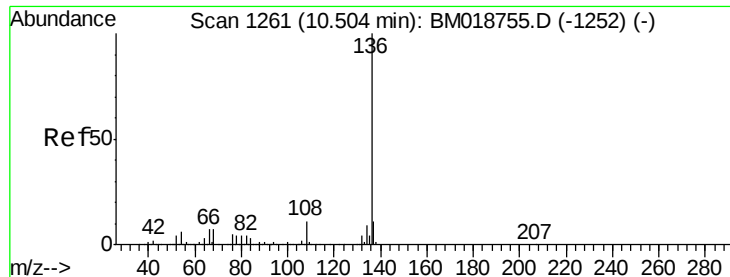
Ion Ratio Lower Upper

94 100

65 30.6 9.6 49.6

66 48.2 20.4 60.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BM018858.D

Acq: 19 Feb 2019 15:58

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 1103675

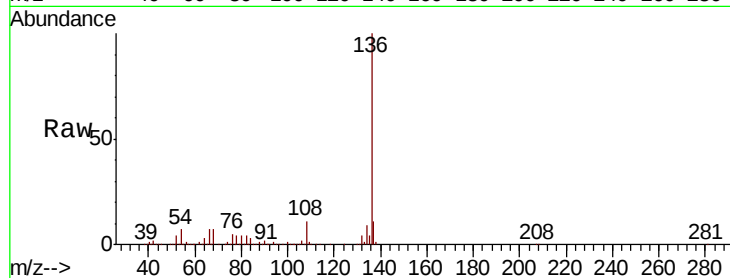
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.9 5.0 7.6

68 7.0 5.5 8.3

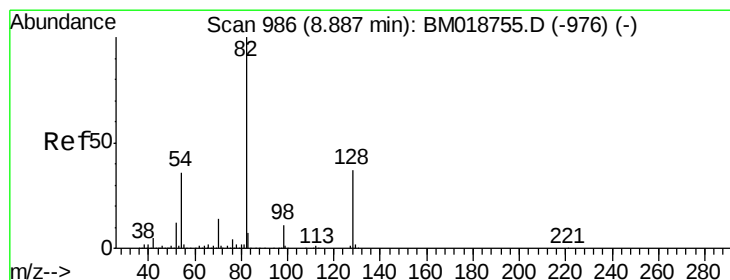
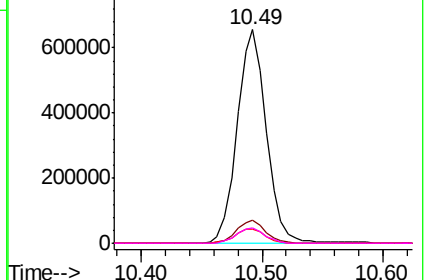
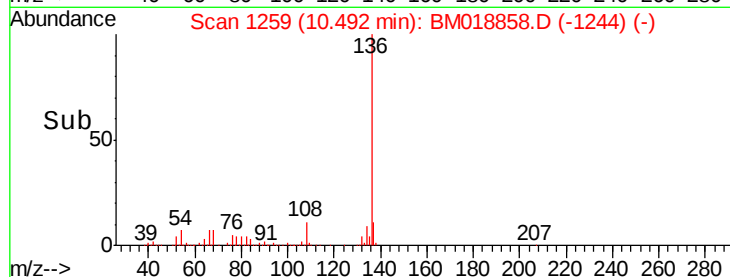


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.175 ng

RT: 8.87 min Scan# 983

Delta R.T. -0.02 min

Lab File: BM018858.D

Acq: 19 Feb 2019 15:58

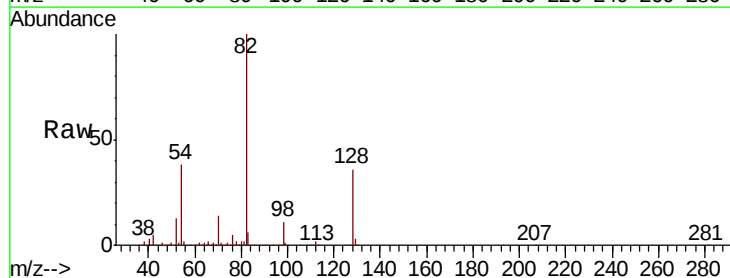
Tgt Ion: 82 Resp: 1675012

Ion Ratio Lower Upper

82 100

128 35.6 29.9 44.9

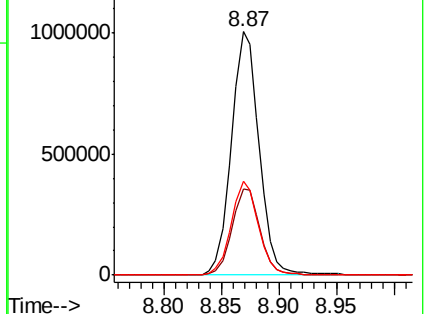
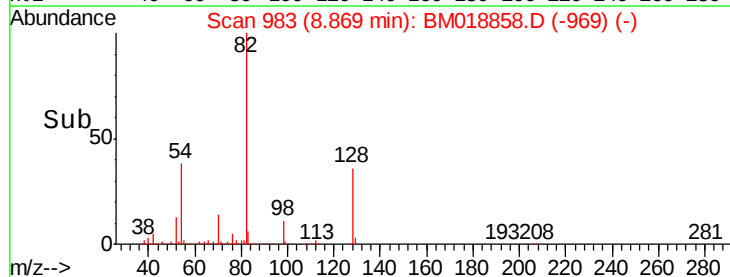
54 38.5 29.1 43.7

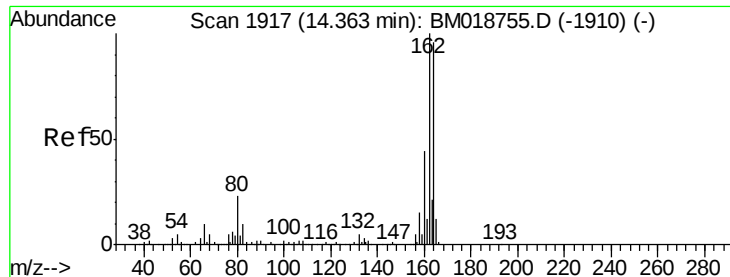


Abundance Ion 82.00 (81.70 to 82.70): BM

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# 1915

Delta R.T. -0.01 min

Lab File: BM018858.D

Acq: 19 Feb 2019 15:58

Instrument :

BNA_M

ClientSampled :

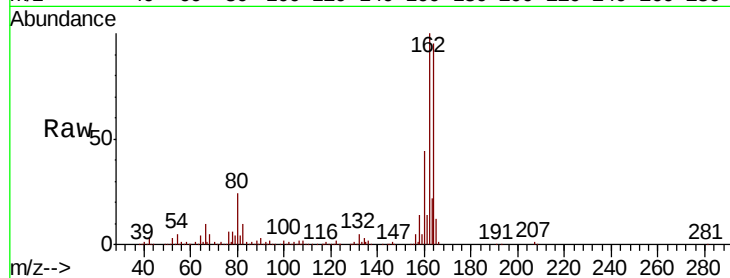
Tot Ion:164 Resp: 600079

Ion Ratio Lower Upper

164 100

162 105.3 83.4 125.0

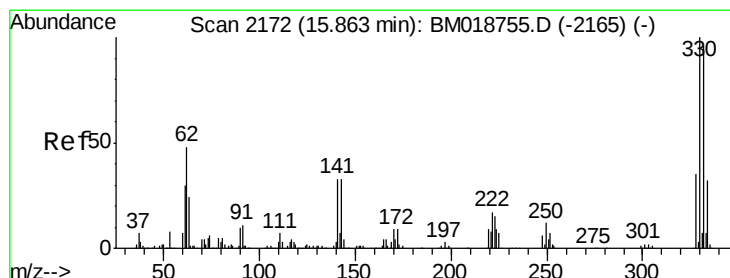
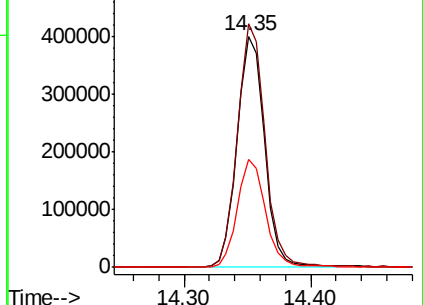
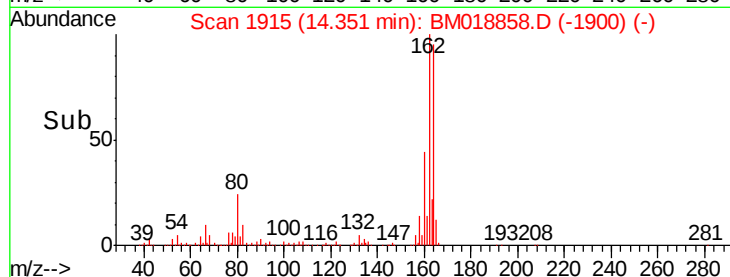
160 46.8 36.6 55.0



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: 99.480 ng

RT: 15.85 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BM018858.D

Acq: 19 Feb 2019 15:58

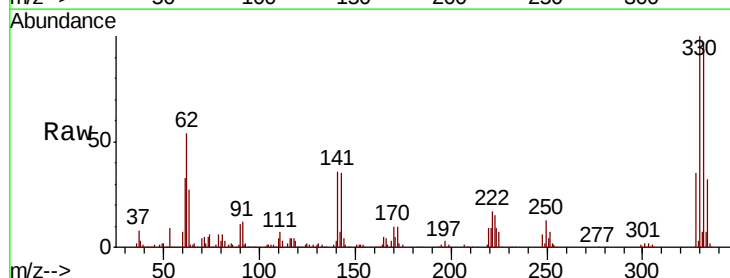
Tgt Ion:330 Resp: 860499

Ion Ratio Lower Upper

330 100

332 96.9 76.9 115.3

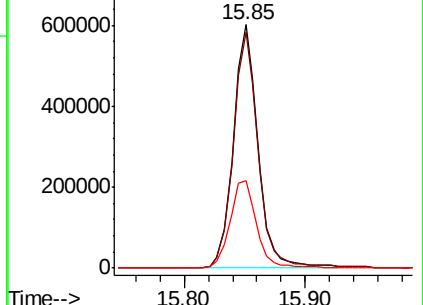
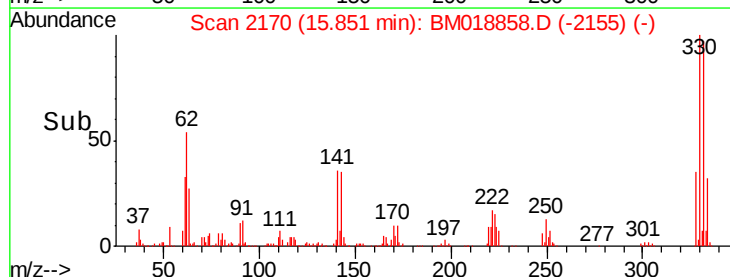
141 38.6 28.7 43.1

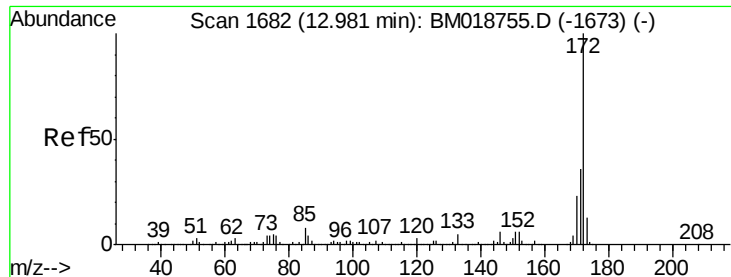


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

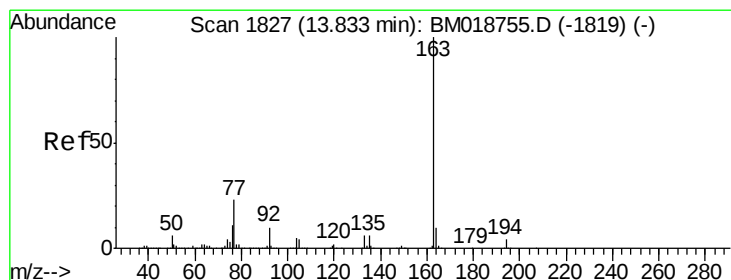
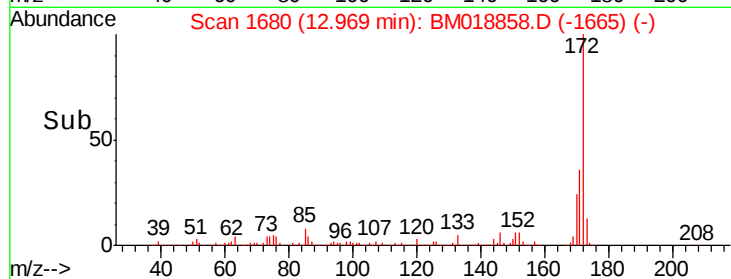
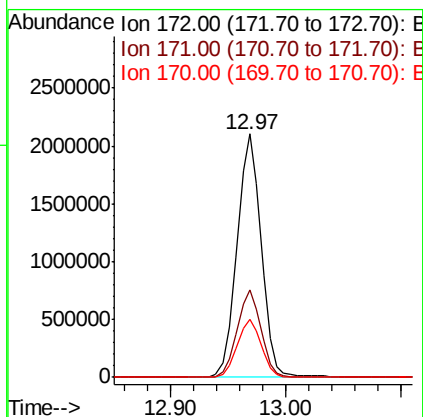
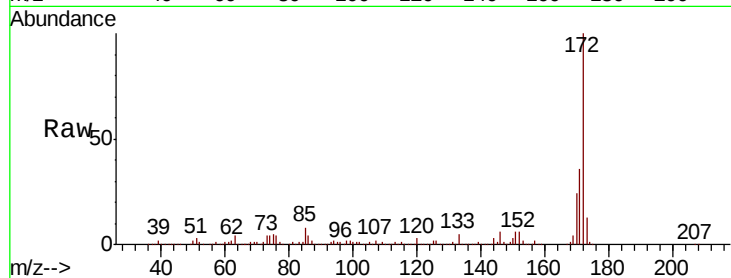




#45
2-Fluorobiphenyl
Concen: 67.400 ng
RT: 12.97 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BM018858.D
Acq: 19 Feb 2019 15:58

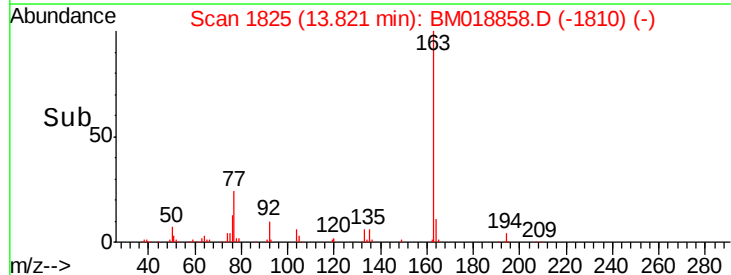
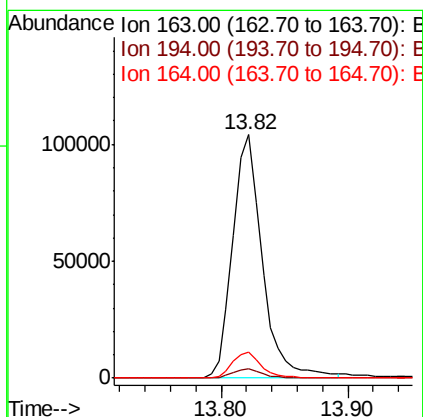
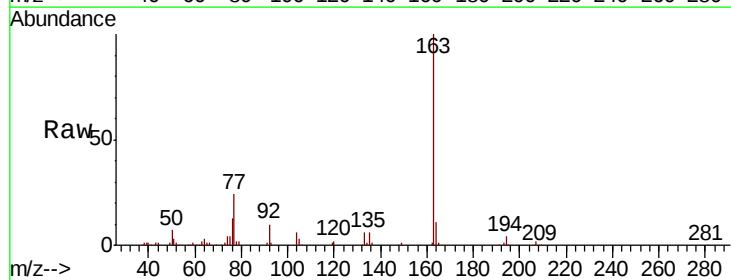
Instrument :
BNA_M
ClientSampleId :

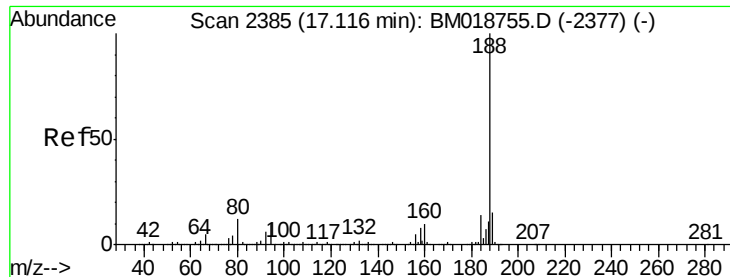
Tot Ion:172 Resp: 3046768
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.6
170 23.9 18.6 28.0



#50
Dimethylphthalate
Concen: 3.387 ng
RT: 13.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BM018858.D
Acq: 19 Feb 2019 15:58

Tgt Ion:163 Resp: 169375
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.8 7.8 11.8

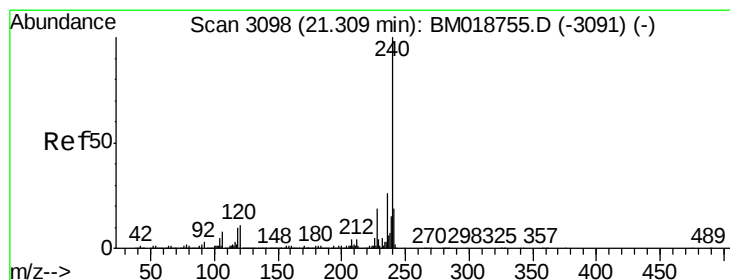
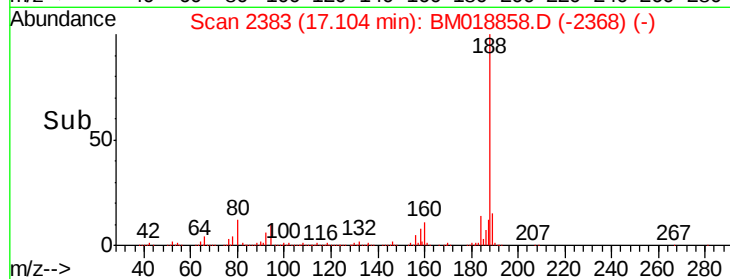
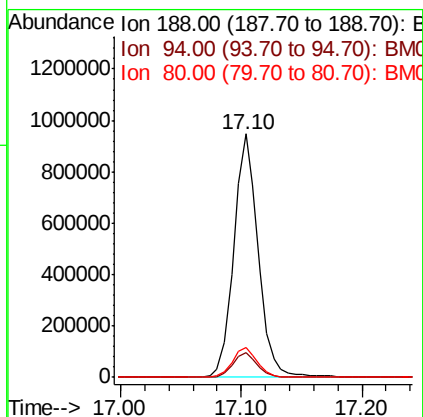
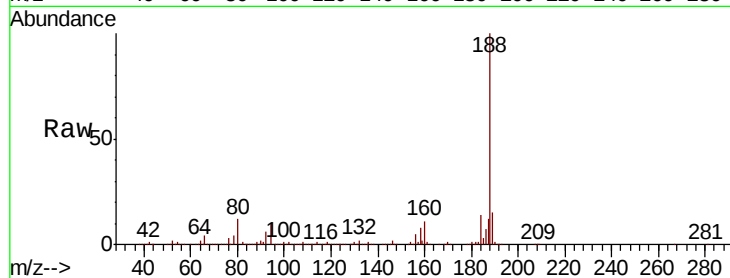




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM018858.D
Acq: 19 Feb 2019 15:58

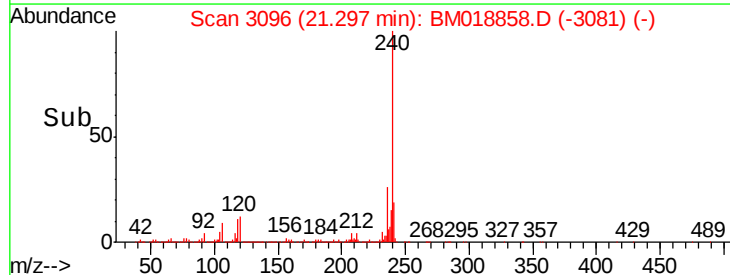
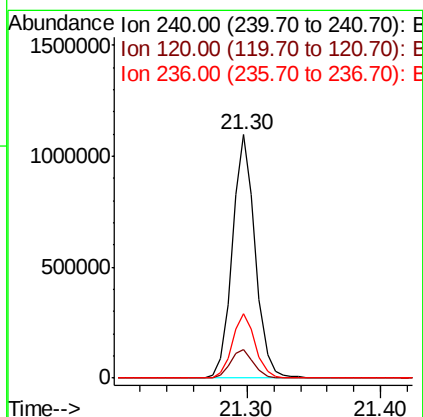
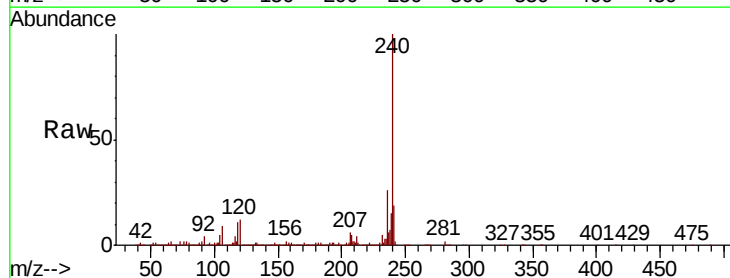
Instrument :
BNA_M
ClientSampleId :

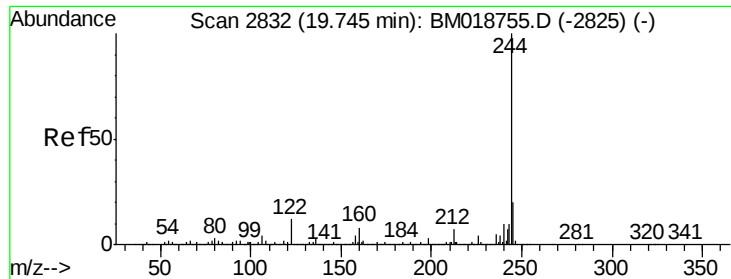
Tot Ion:188 Resp: 1331727
Ion Ratio Lower Upper
188 100
94 10.0 8.2 12.2
80 12.4 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.30 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BM018858.D
Acq: 19 Feb 2019 15:58

Tgt Ion:240 Resp: 1309908
Ion Ratio Lower Upper
240 100
120 11.9 8.9 13.3
236 26.4 20.9 31.3

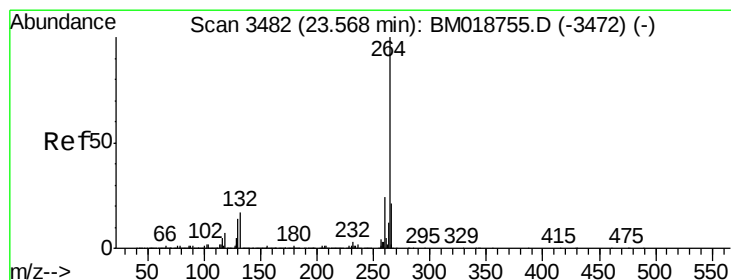
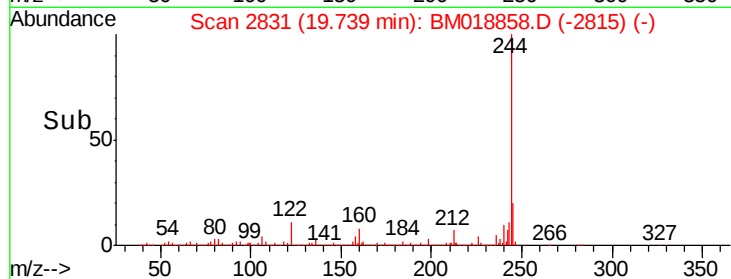
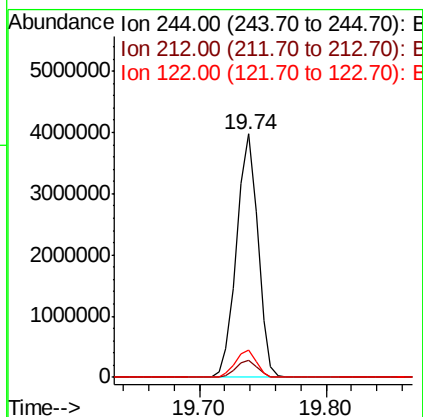
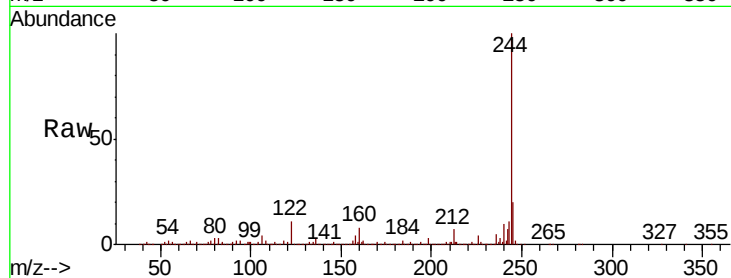




#79
 Terphenyl-d14
 Concen: 72.575 ng
 RT: 19.74 min Scan# 2831
 Delta R.T. -0.01 min
 Lab File: BM018858.D
 Acq: 19 Feb 2019 15:58

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 4608374
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 11.0 9.3 13.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.55 min Scan# 3479
 Delta R.T. -0.02 min
 Lab File: BM018858.D
 Acq: 19 Feb 2019 15:58

Tgt Ion:264 Resp: 1190379
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.9 28.3
 265 22.1 17.3 25.9

