

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012819\
 Data File : BM018667.D
 Acq On : 28 Jan 2019 16:55
 Operator : JU/SJ
 Sample : K1255-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200036

Quant Time: Jan 28 17:46:09 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

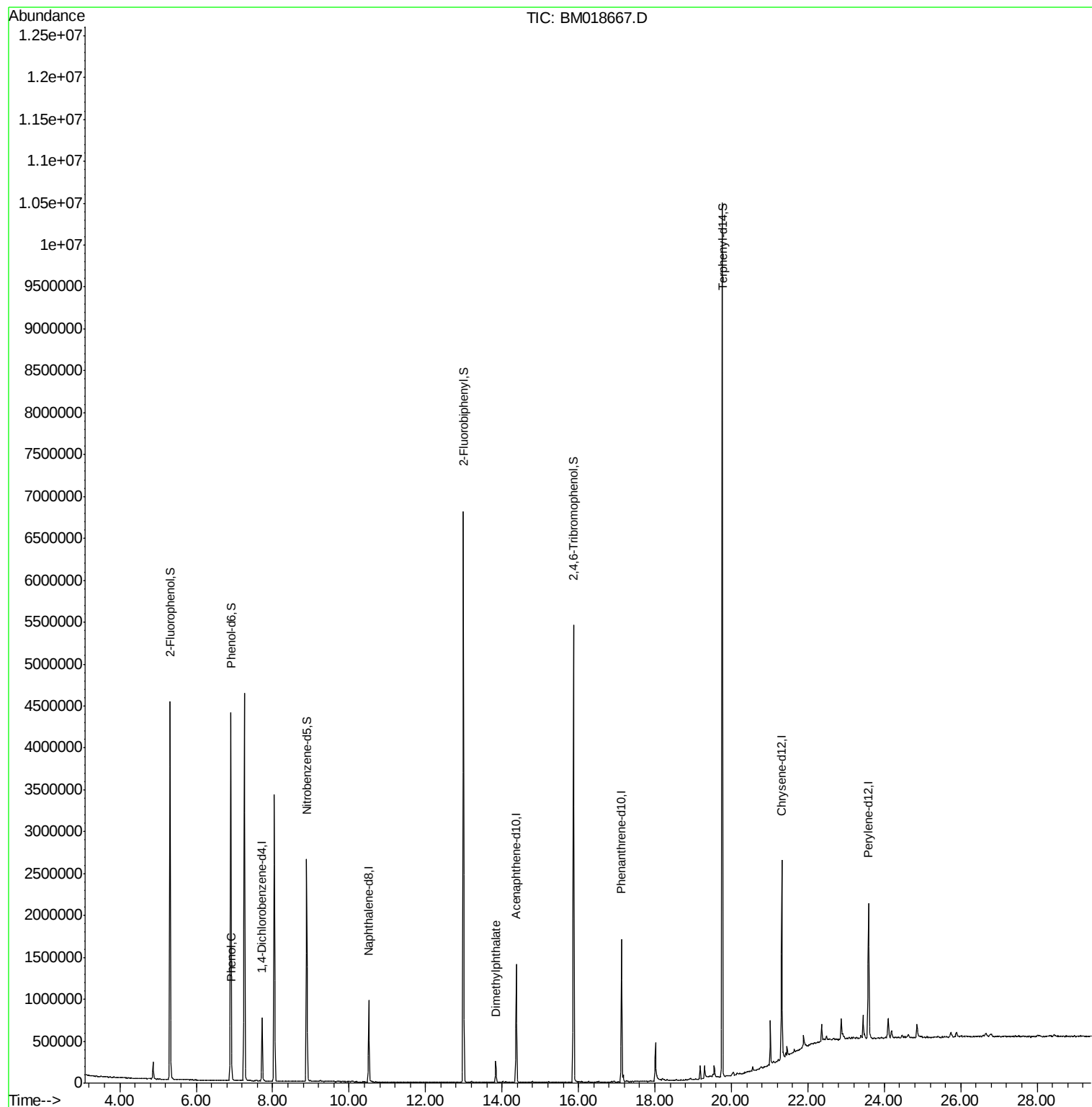
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	209267	20.00	ng	-0.02
21) Naphthalene-d8	10.52	136	811199	20.00	ng	-0.01
39) Acenaphthene-d10	14.37	164	451306	20.00	ng	-0.01
64) Phenanthrene-d10	17.13	188	1011028	20.00	ng	-0.01
76) Chrysene-d12	21.32	240	1066169	20.00	ng	-0.01
87) Perylene-d12	23.59	264	1095355	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1843252	162.64	ng	-0.01
7) Phenol-d6	6.90	99	2388187	165.91	ng	0.00
23) Nitrobenzene-d5	8.89	82	1444380	103.22	ng	-0.01
42) 2,4,6-Tribromophenol	15.87	330	972217	169.19	ng	-0.01
45) 2-Fluorobiphenyl	12.99	172	3405308	98.46	ng	-0.01
79) Terphenyl-d14	19.76	244	4866087	96.21	ng	0.00
Target Compounds						
9) Benzaldehyde	6.86	77	230	Below Cal		Qvalue # 1
10) Phenol	6.93	94	87621	5.990	ng	98
50) Dimethylphthalate	13.83	163	176297	4.756	ng	99

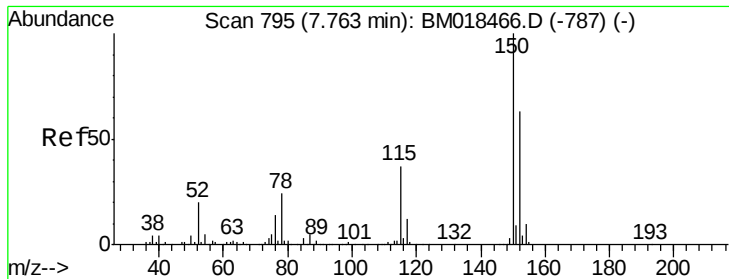
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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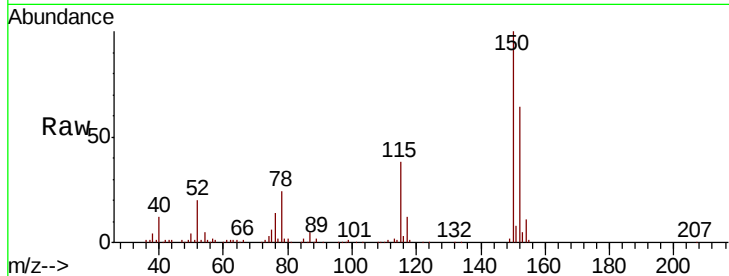


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BM018667.D
Acq: 28 Jan 2019 16:55

Instrument :
BNA_F
ClientSampleId :
RBR200036

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	126.9	190.3
115	59.2	45.5	68.3

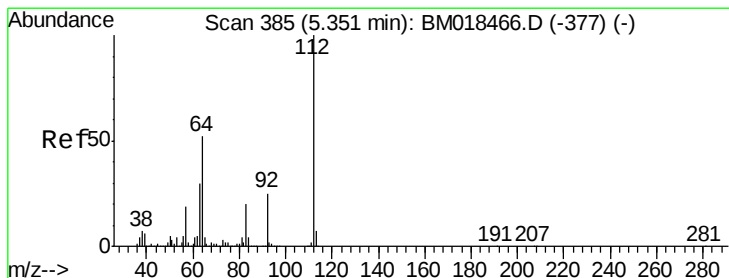
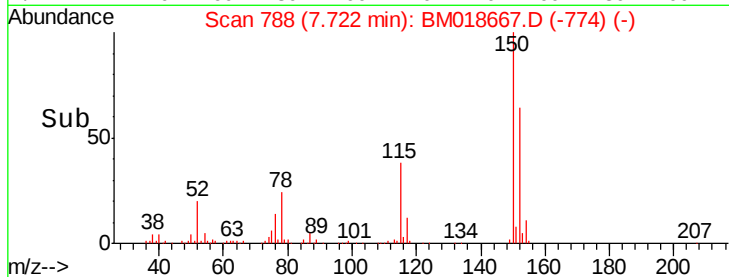
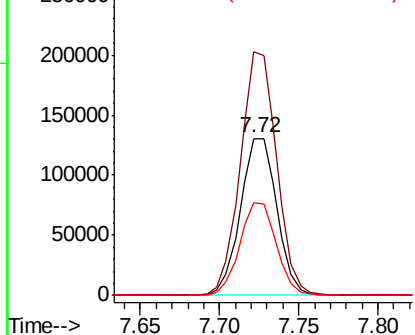


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

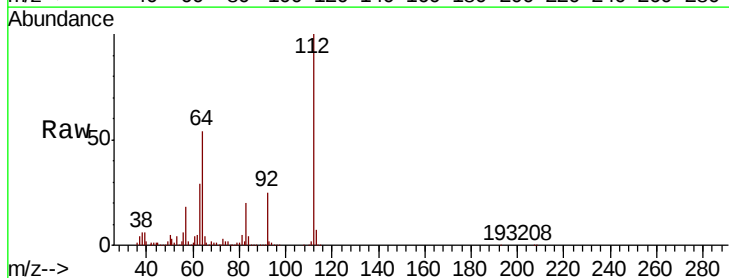
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 162.642 ng
RT: 5.32 min Scan# 379
Delta R.T. -0.01 min
Lab File: BM018667.D
Acq: 28 Jan 2019 16:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.0	46.5	69.7
63	29.4	25.2	37.8

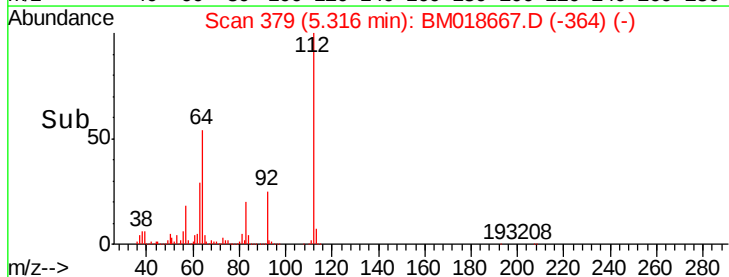
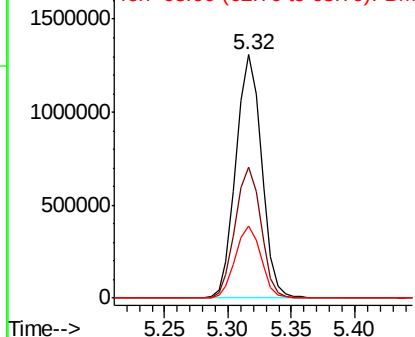


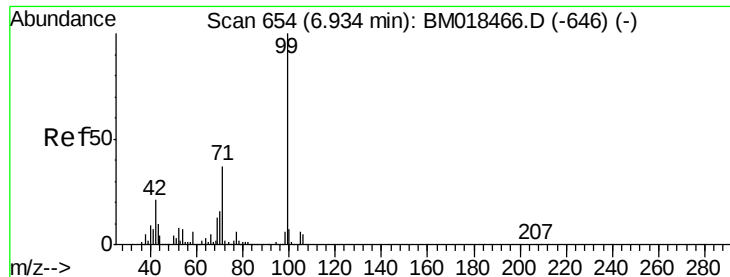
Abundance

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: 165.909 ng

RT: 6.90 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM018667.D

Acq: 28 Jan 2019 16:55

Instrument :

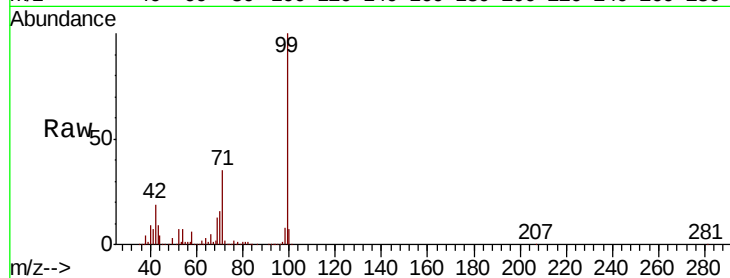
BNA_F

ClientSampleId :

RBR200036

Tot Ion: 99 Resp: 2388187

Ion	Ratio	Lower	Upper
99	100		
42	19.5	17.3	25.9
71	35.3	28.0	42.0



Abundance

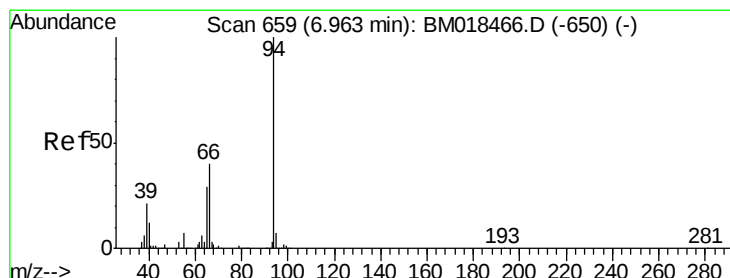
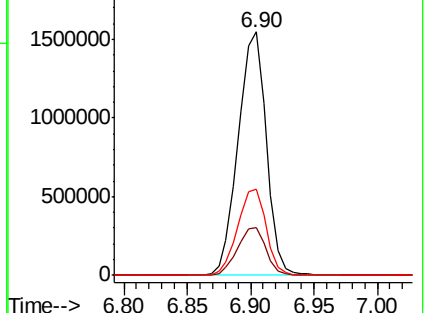
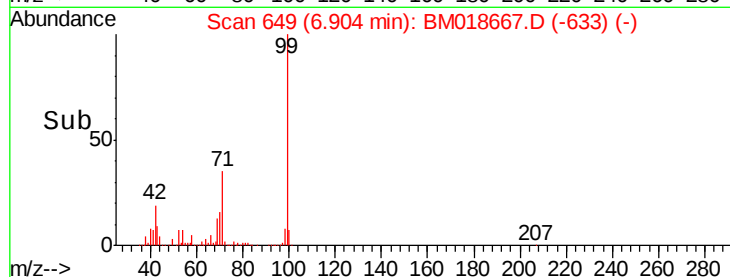
Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

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

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

6.90

Time-->



#10

Phenol

Concen: 5.990 ng

RT: 6.93 min Scan# 653

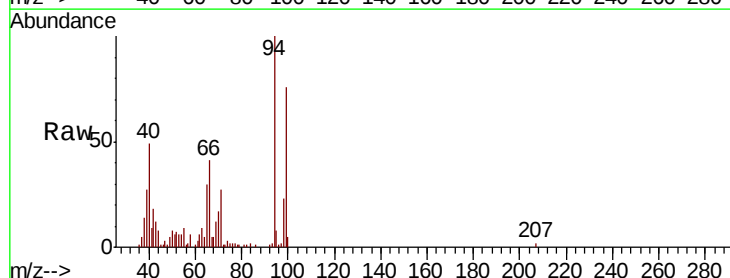
Delta R.T. -0.01 min

Lab File: BM018667.D

Acq: 28 Jan 2019 16:55

Tgt Ion: 94 Resp: 87621

Ion	Ratio	Lower	Upper
94	100		
65	29.9	9.4	49.4
66	40.9	19.1	59.1



Abundance

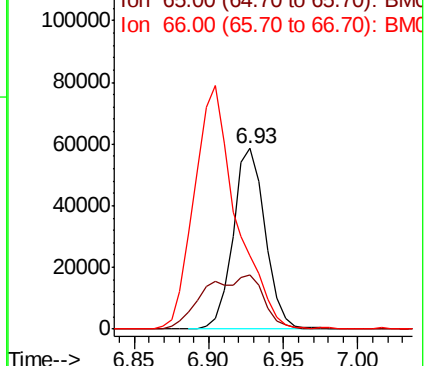
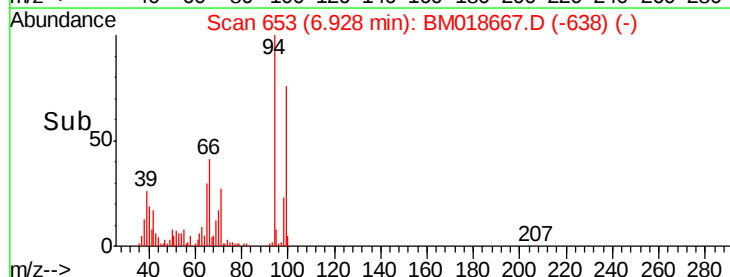
Ion 94.00 (93.70 to 94.70): BM018466.D (-650) (-)

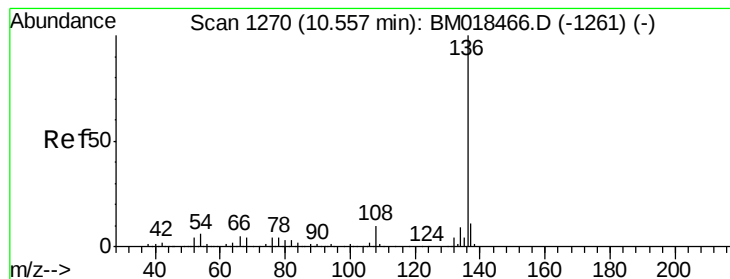
Ion 65.00 (64.70 to 65.70): BM018466.D (-650) (-)

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

6.93

Time-->





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.52 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BM018667.D

Acq: 28 Jan 2019 16:55

Instrument :

BNA_F

ClientSampleId :

RBR200036

Tot Ion:136 Resp: 811199

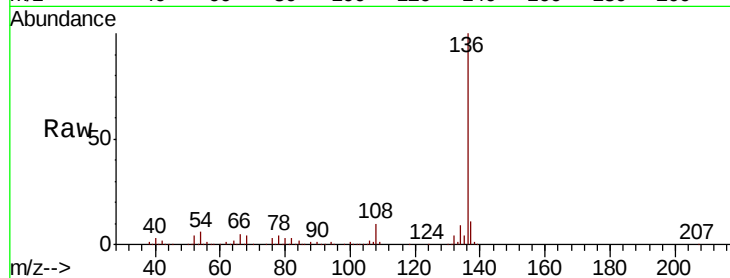
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 6.4 6.0 9.0

68 4.3 4.5 6.7#

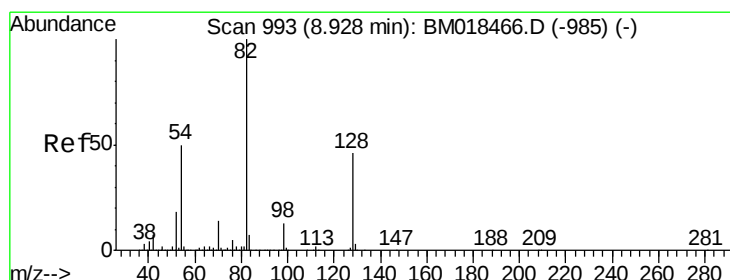
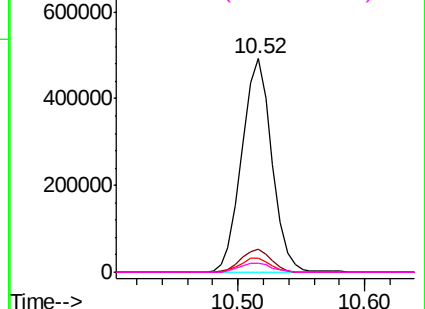
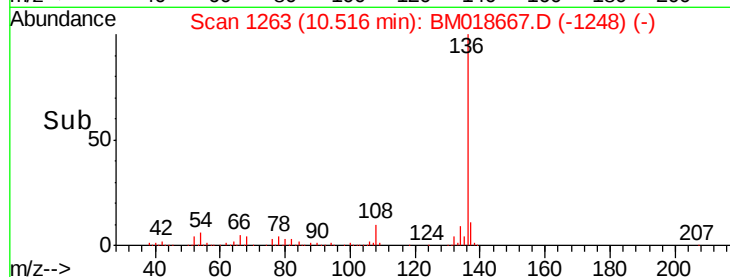


Abundance Ion 136.00 (135.70 to 136.70): E

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: 103.220 ng

RT: 8.89 min Scan# 987

Delta R.T. -0.01 min

Lab File: BM018667.D

Acq: 28 Jan 2019 16:55

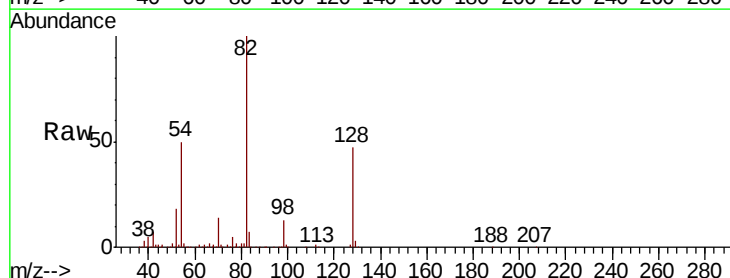
Tgt Ion: 82 Resp: 1444380

Ion Ratio Lower Upper

82 100

128 46.8 36.3 54.5

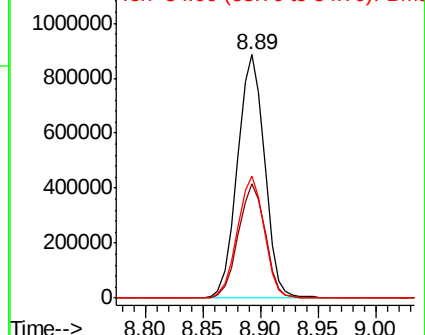
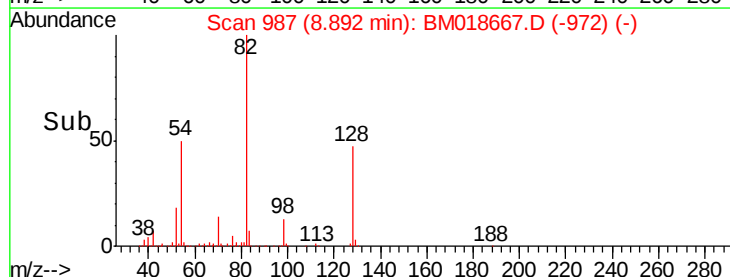
54 50.3 41.7 62.5



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: BM018667.D

Acq: 28 Jan 2019 16:55

Instrument :

BNA_F

ClientSampleId :

RBR200036

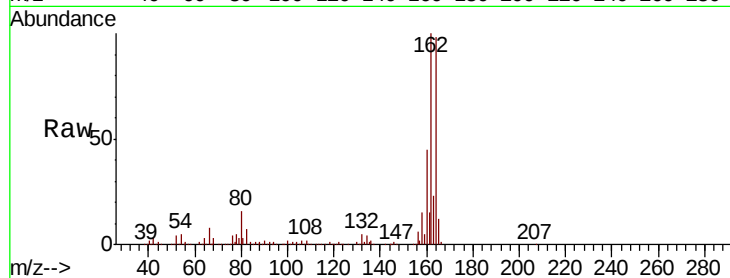
Tot Ion:164 Resp: 451306

Ion Ratio Lower Upper

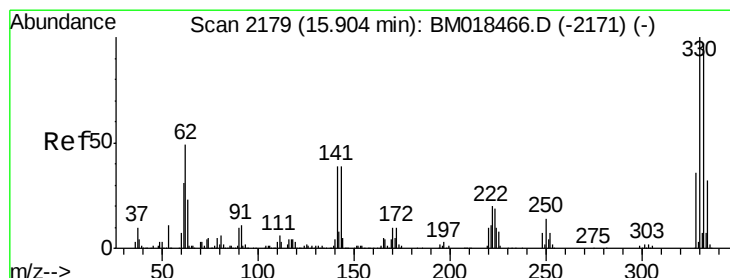
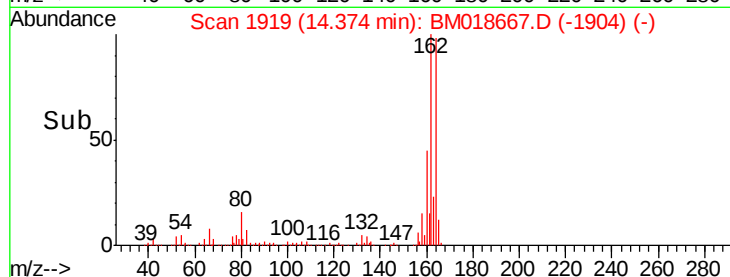
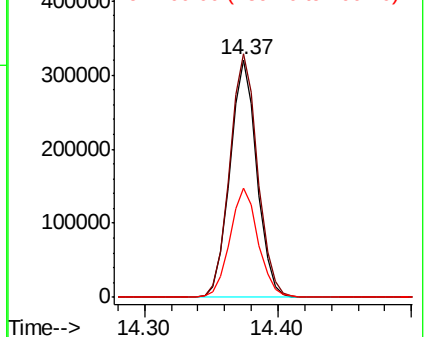
164 100

162 102.6 83.0 124.4

160 46.2 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: 169.187 ng

RT: 15.87 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BM018667.D

Acq: 28 Jan 2019 16:55

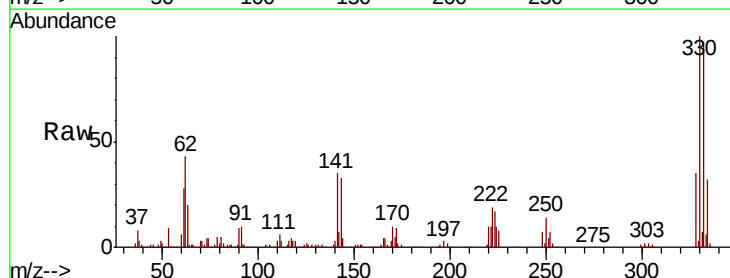
Tgt Ion:330 Resp: 972217

Ion Ratio Lower Upper

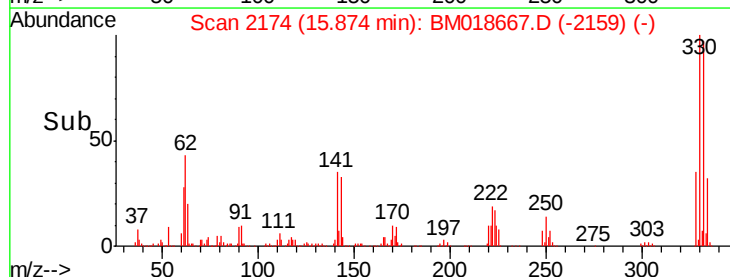
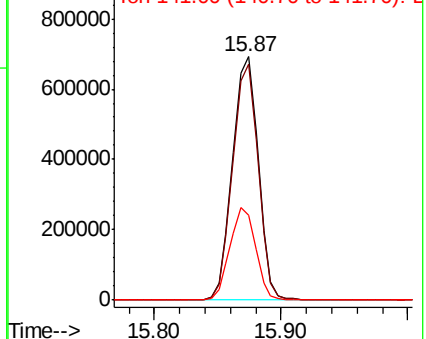
330 100

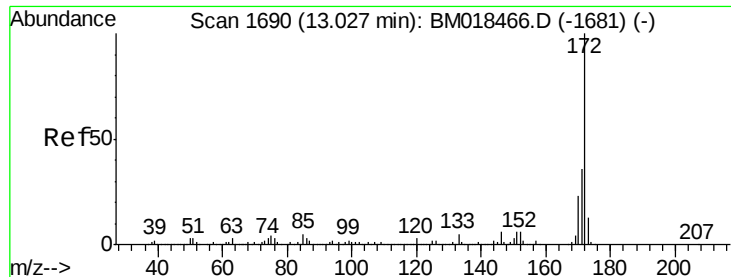
332 96.4 77.6 116.4

141 38.2 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

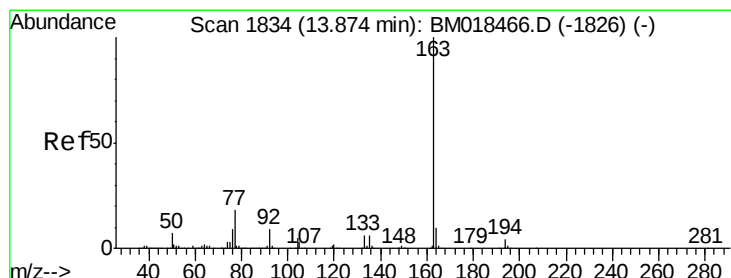
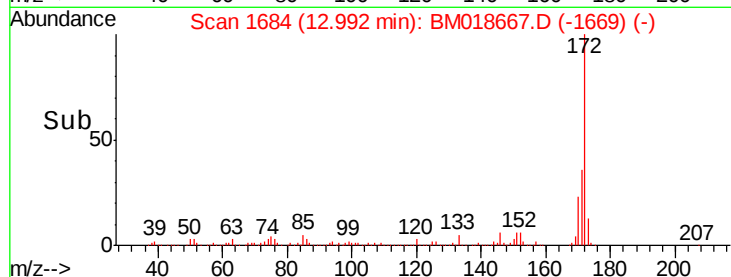
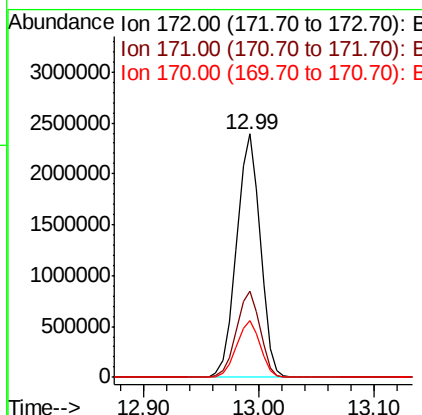
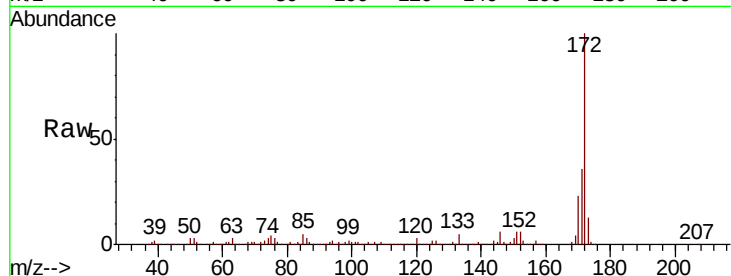




#45
2-Fluorobiphenyl
Concen: 98.458 ng
RT: 12.99 min Scan# 1684
Delta R.T. -0.01 min
Lab File: BM018667.D
Acq: 28 Jan 2019 16:55

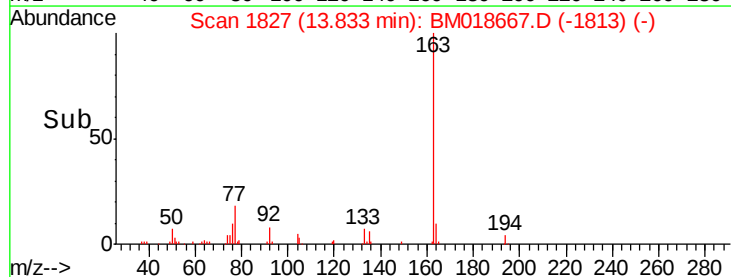
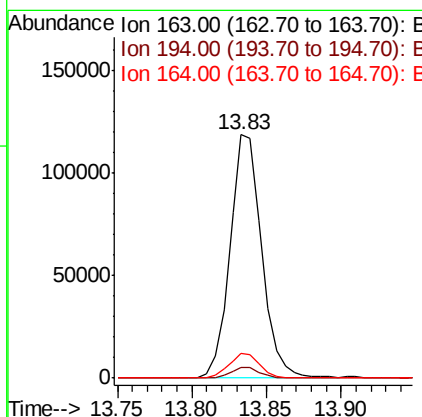
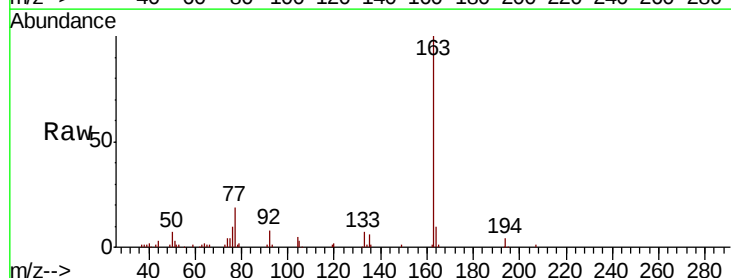
Instrument :
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RBR200036

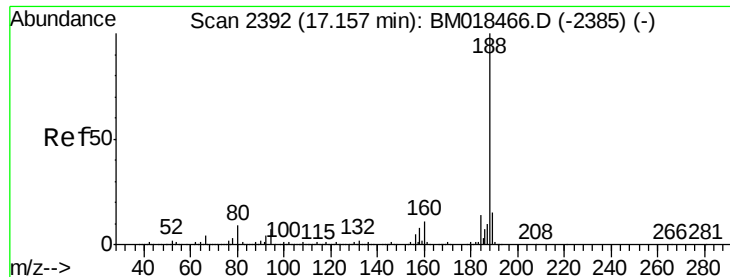
Tot Ion:172 Resp: 3405308
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.4
170 23.1 18.9 28.3



#50
Dimethylphthalate
Concen: 4.756 ng
RT: 13.83 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BM018667.D
Acq: 28 Jan 2019 16:55

Tgt Ion:163 Resp: 176297
Ion Ratio Lower Upper
163 100
194 4.4 3.0 4.6
164 10.0 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: BM018667.D

Acq: 28 Jan 2019 16:55

Instrument :

BNA_F

ClientSampleId :

RBR200036

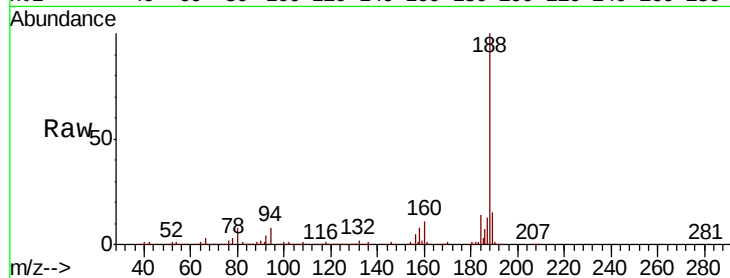
Tot Ion:188 Resp: 1011028

Ion Ratio Lower Upper

188 100

94 7.8 7.1 10.7

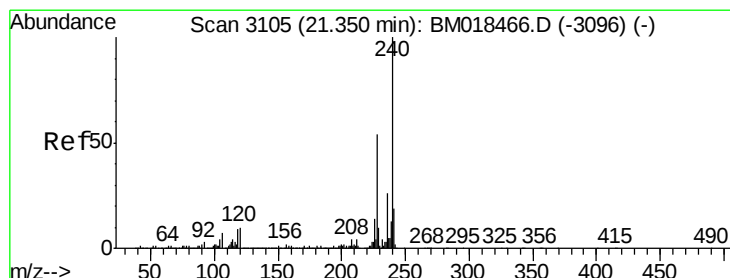
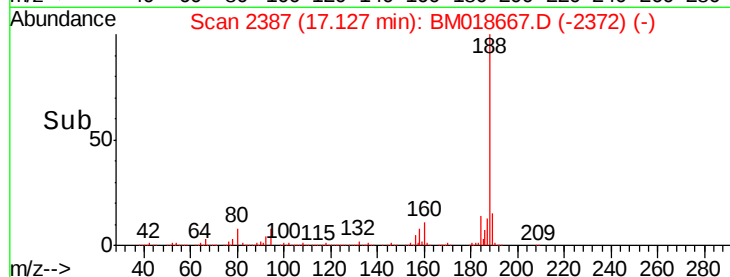
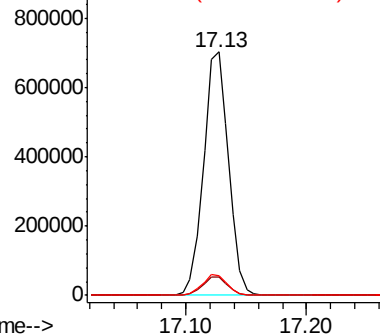
80 8.0 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.32 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BM018667.D

Acq: 28 Jan 2019 16:55

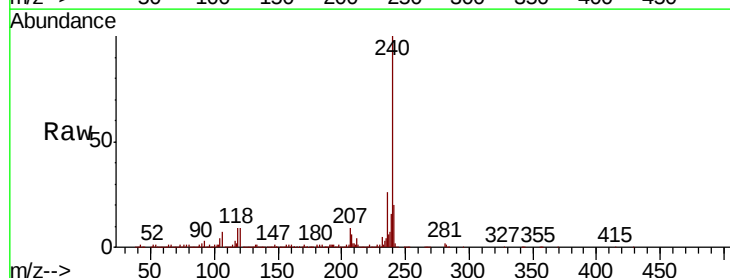
Tgt Ion:240 Resp: 1066169

Ion Ratio Lower Upper

240 100

120 9.3 8.4 12.6

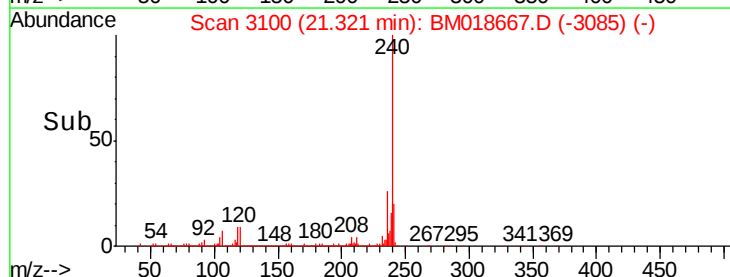
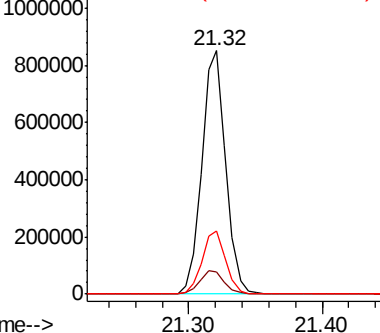
236 26.1 20.7 31.1

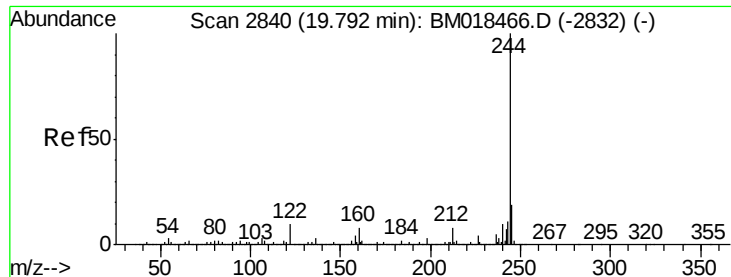


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 96.212 ng

RT: 19.76 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM018667.D

Acq: 28 Jan 2019 16:55

Instrument :

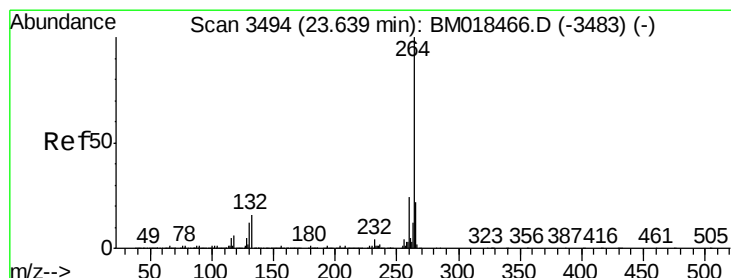
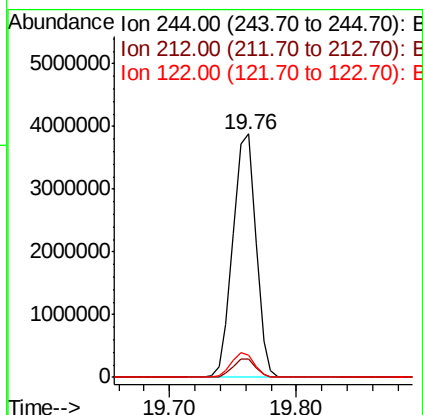
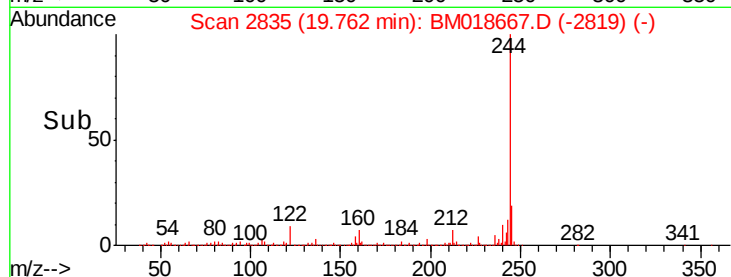
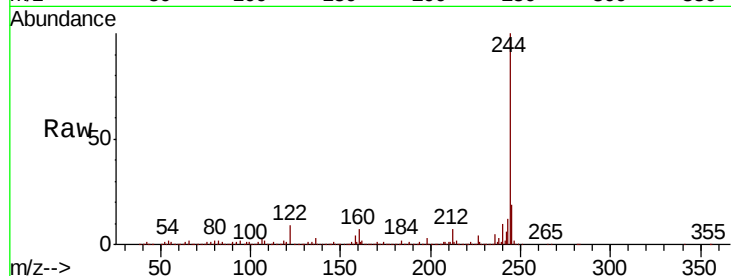
BNA_F

ClientSampleId :

RBR200036

Tot Ion:244 Resp: 4866087

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	9.0	9.0	13.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.59 min Scan# 3485

Delta R.T. -0.02 min

Lab File: BM018667.D

Acq: 28 Jan 2019 16:55

Tgt Ion:264 Resp: 1095355

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	22.5	16.8	25.2

