

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022619\
 Data File : BM018930.D
 Acq On : 26 Feb 2019 15:33
 Operator : JU/SJ
 Sample : K1592-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-4

Quant Time: Feb 27 00:31:00 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

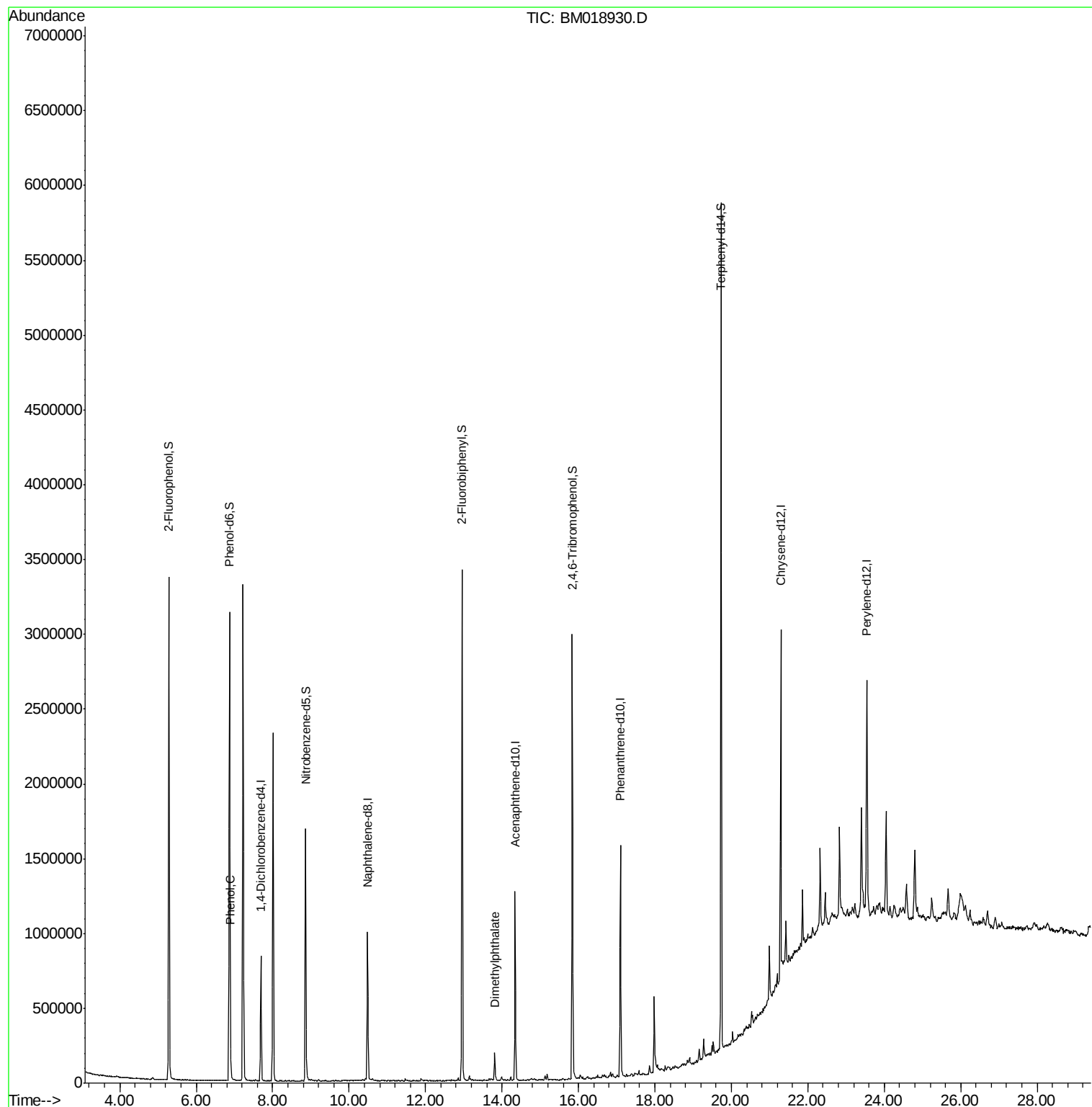
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	210946	20.00	ng	-0.02
21) Naphthalene-d8	10.48	136	772683	20.00	ng	-0.02
39) Acenaphthene-d10	14.35	164	390022	20.00	ng	-0.02
64) Phenanthrene-d10	17.10	188	857197	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	975110	20.00	ng	-0.02
87) Perylene-d12	23.54	264	1090681	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1321255	102.63	ng	-0.02
7) Phenol-d6	6.87	99	1774264	97.83	ng	-0.02
23) Nitrobenzene-d5	8.86	82	1127956	67.50	ng	-0.02
42) 2,4,6-Tribromophenol	15.84	330	523876	93.18	ng	-0.02
45) 2-Fluorobiphenyl	12.96	172	1713642	58.33	ng	-0.02
79) Terphenyl-d14	19.73	244	2543646	53.81	ng	-0.01
Target Compounds						
10) Phenol	6.89	94	61552	3.225	ng	83
50) Dimethylphthalate	13.81	163	107691	3.313	ng	97

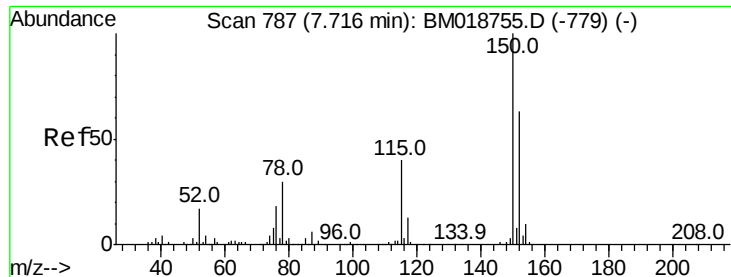
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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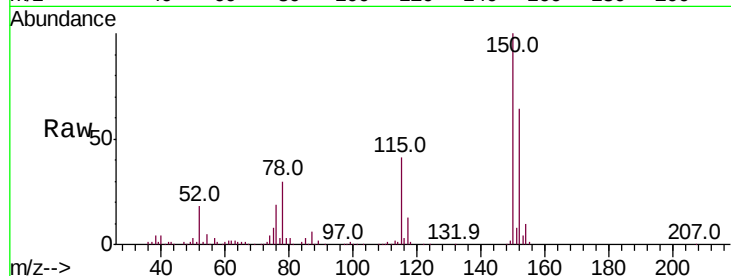


#1

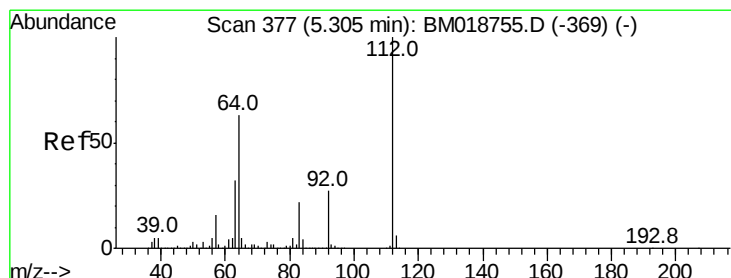
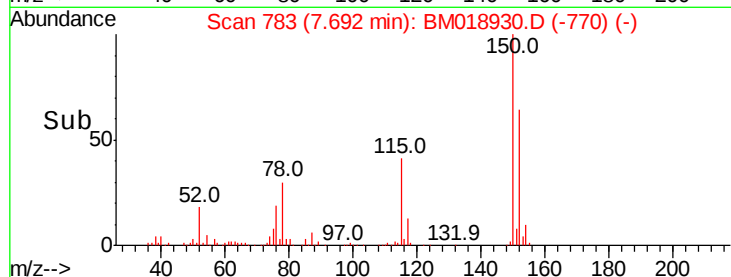
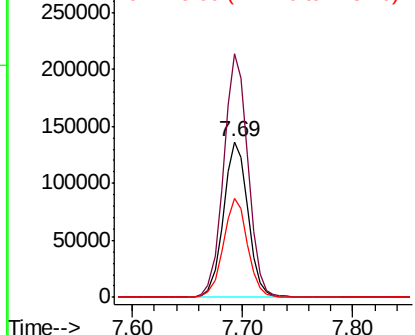
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.02 min
Lab File: BM018930.D
Acq: 26 Feb 2019 15:33

Instrument :
BNA_M
ClientSampleId :
TP-4

Tot Ion:152 Resp: 210946
Ion Ratio Lower Upper
152 100
150 156.8 127.3 190.9
115 63.5 50.8 76.2



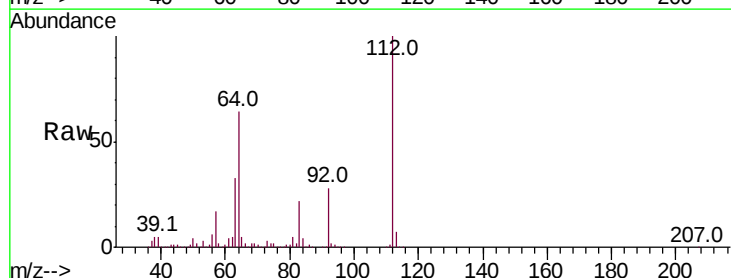
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



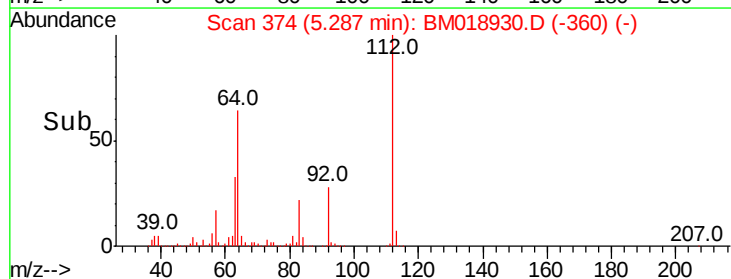
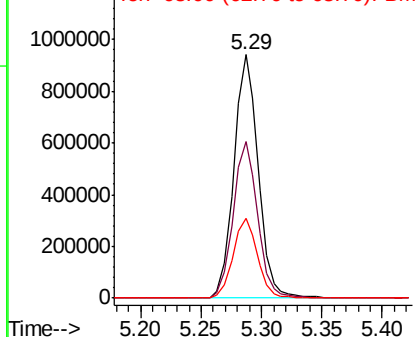
#5

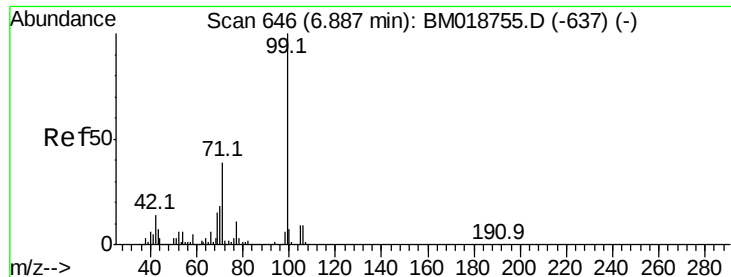
2-Fluorophenol
Concen: 102.625 ng
RT: 5.29 min Scan# 374
Delta R.T. -0.02 min
Lab File: BM018930.D
Acq: 26 Feb 2019 15:33

Tgt Ion:112 Resp: 1321255
Ion Ratio Lower Upper
112 100
64 64.4 50.6 75.8
63 32.6 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: 97.825 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.02 min

Lab File: BM018930.D

Acq: 26 Feb 2019 15:33

Instrument :

BNA_M

ClientSampleId :

TP-4

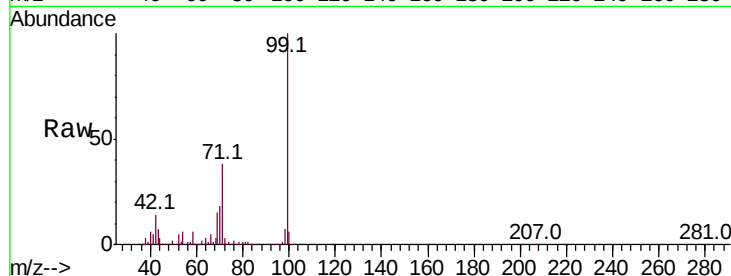
Tot Ion: 99 Resp: 1774264

Ion Ratio Lower Upper

99 100

42 14.2 11.0 16.6

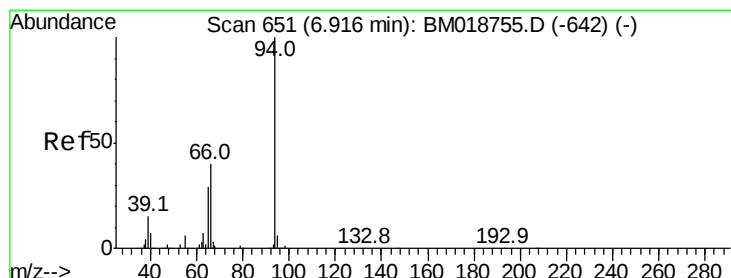
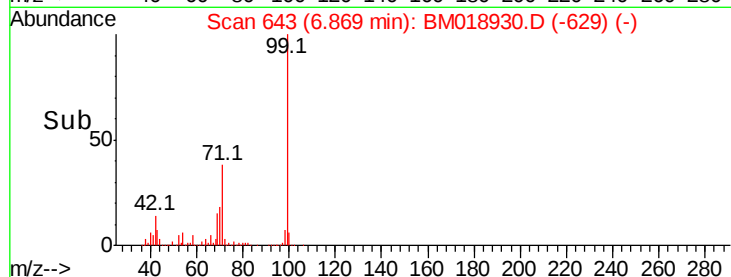
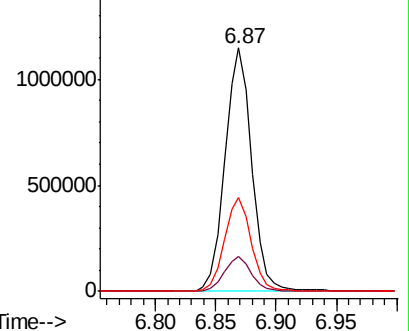
71 38.4 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#10

Phenol

Concen: 3.225 ng

RT: 6.89 min Scan# 647

Delta R.T. -0.02 min

Lab File: BM018930.D

Acq: 26 Feb 2019 15:33

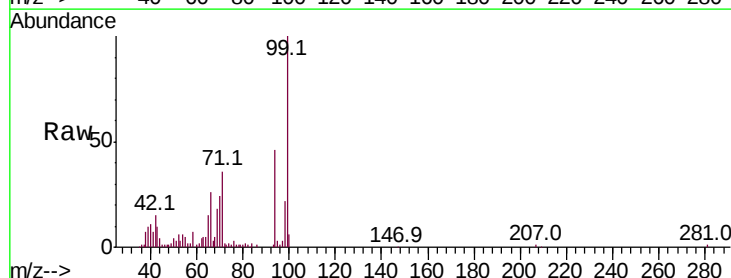
Tgt Ion: 94 Resp: 61552

Ion Ratio Lower Upper

94 100

65 33.1 9.6 49.6

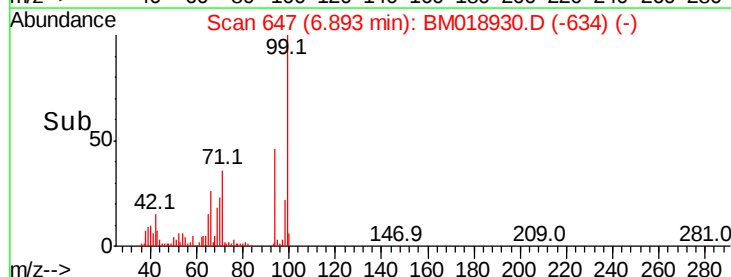
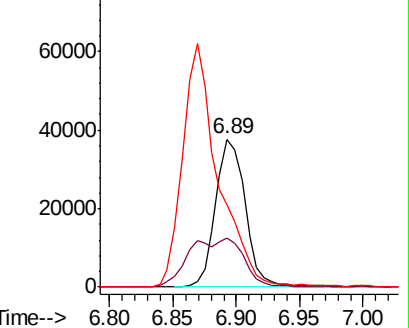
66 55.8 20.4 60.4

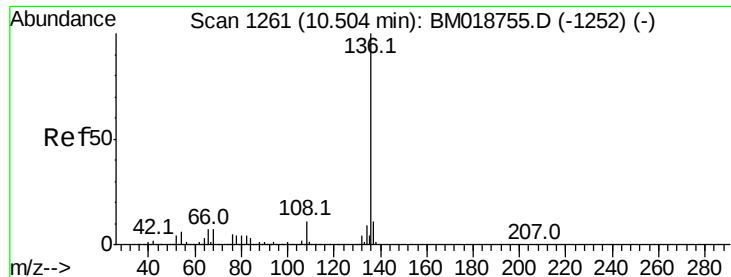


Abundance Ion 94.00 (93.70 to 94.70): BM018755.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM018755.D (-642) (-)

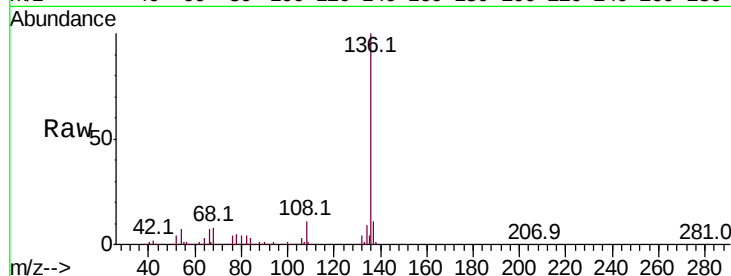




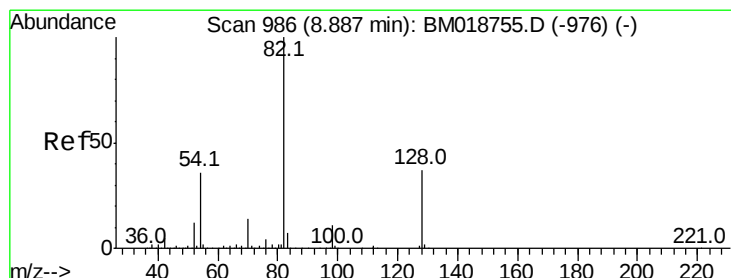
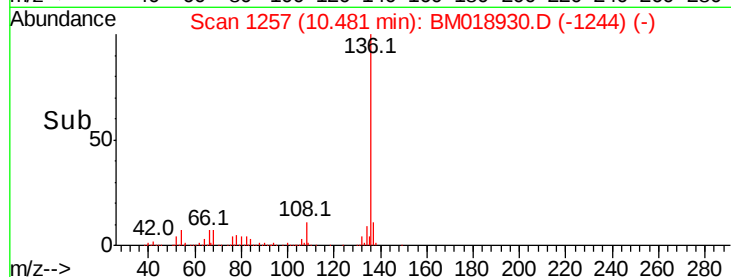
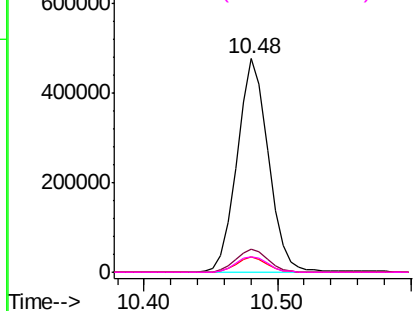
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BM018930.D
Acq: 26 Feb 2019 15:33

Instrument :
BNA_M
ClientSampleId :
TP-4

Tot Ion:136	Resp:	772683	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	8.8	13.2	
54 7.0	5.0	7.6	
68 7.5	5.5	8.3	

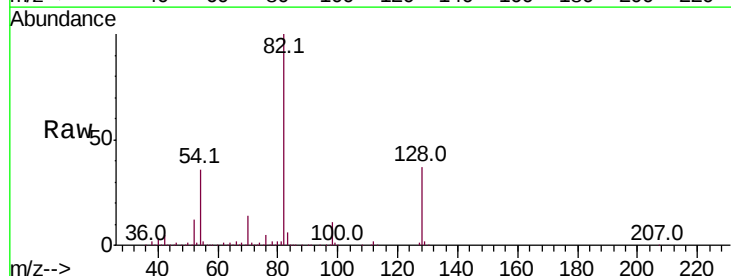


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

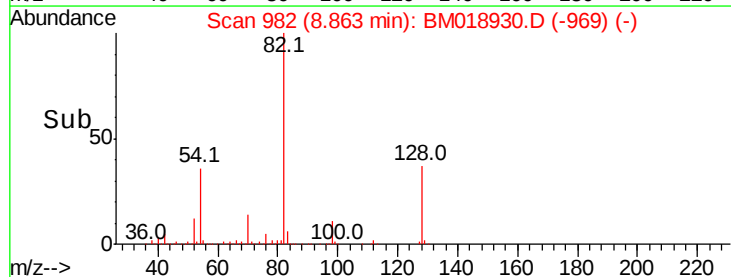
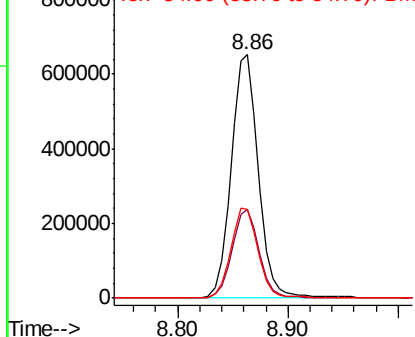


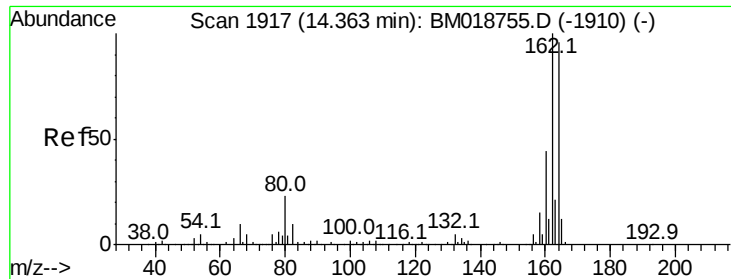
#23
Nitrobenzene-d5
Concen: 67.499 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BM018930.D
Acq: 26 Feb 2019 15:33

Tgt Ion: 82	Resp: 1127956
Ion Ratio	Lower Upper
82 100	
128 36.6	29.9 44.9
54 36.4	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

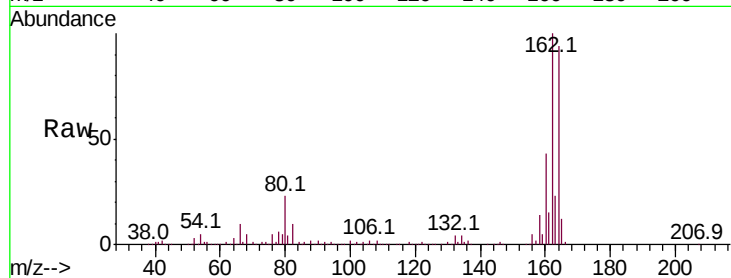




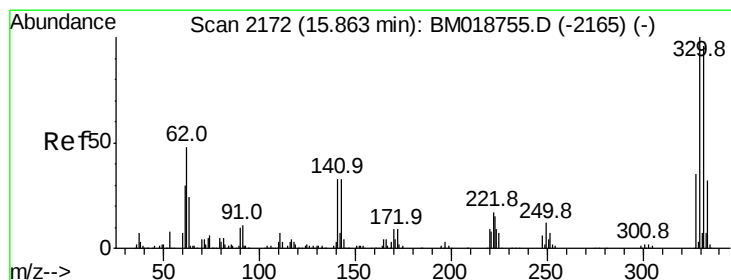
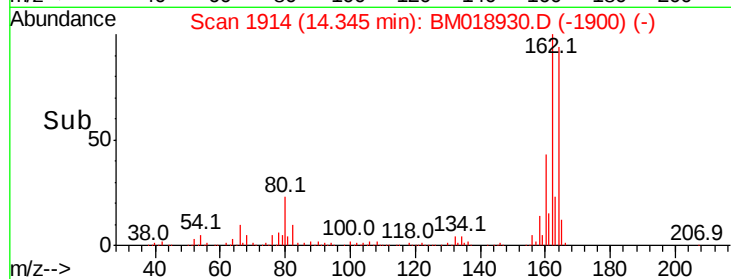
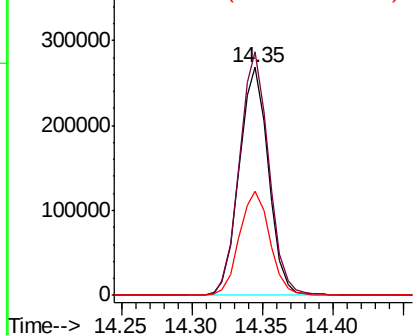
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.35 min Scan# 1914
 Delta R.T. -0.02 min
 Lab File: BM018930.D
 Acq: 26 Feb 2019 15:33

Instrument :
 BNA_M
 ClientSampleId :
 TP-4

Tot Ion:164 Resp: 390022
 Ion Ratio Lower Upper
 164 100
 162 106.9 83.4 125.0
 160 45.6 36.6 55.0

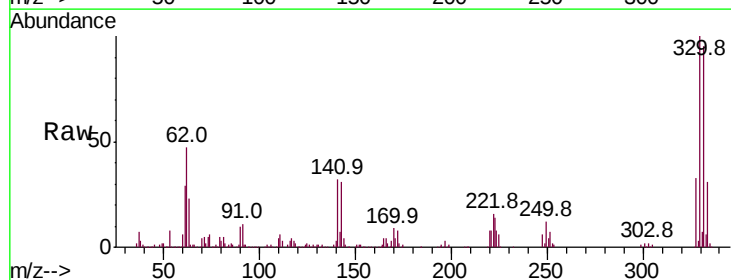


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

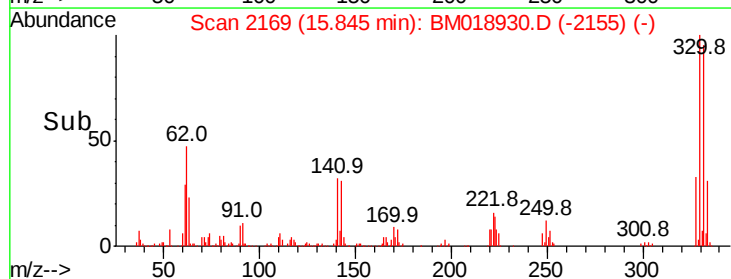
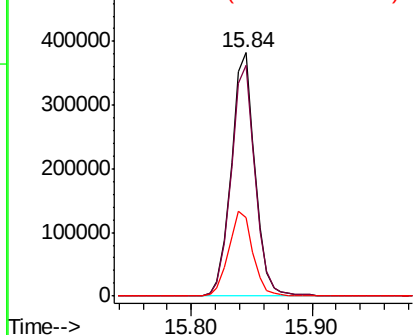


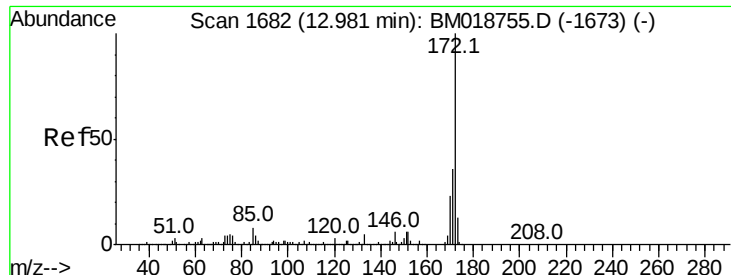
#42
 2,4,6-Tribromophenol
 Concen: 93.182 ng
 RT: 15.84 min Scan# 2169
 Delta R.T. -0.02 min
 Lab File: BM018930.D
 Acq: 26 Feb 2019 15:33

Tgt Ion:330 Resp: 523876
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.9 115.3
 141 35.7 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: 58.325 ng

RT: 12.96 min Scan# 1678

Delta R.T. -0.02 min

Lab File: BM018930.D

Acq: 26 Feb 2019 15:33

Instrument :

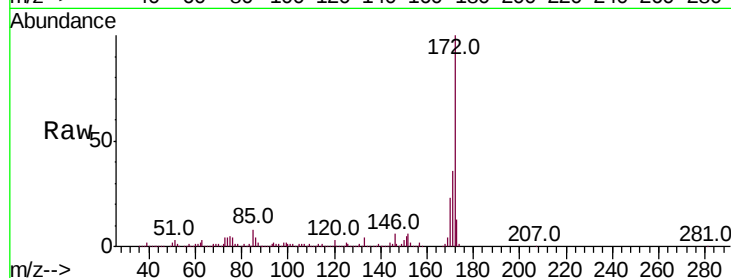
BNA_M

ClientSampleId :

TP-4

Tot Ion:172 Resp: 1713642

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.0	43.6
170	23.3	18.6	28.0

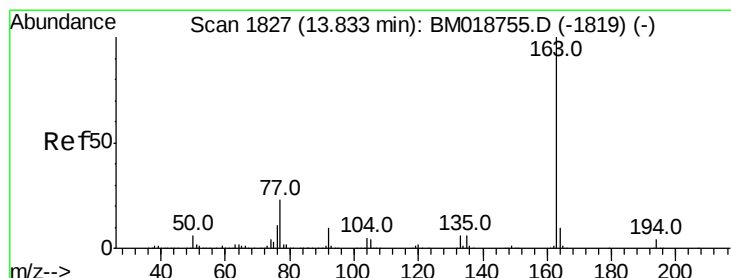
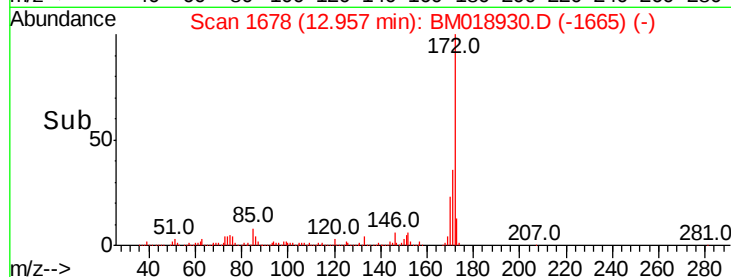
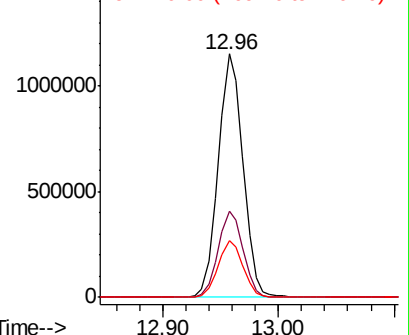


Abundance

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: 3.313 ng

RT: 13.81 min Scan# 1823

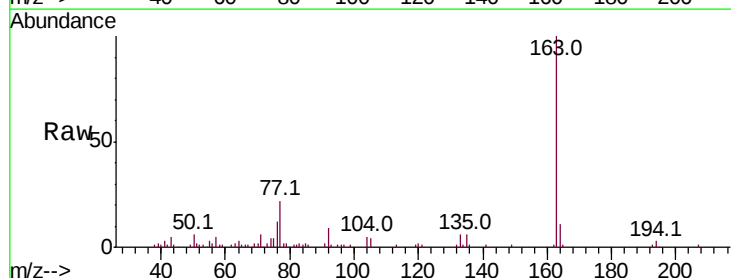
Delta R.T. -0.02 min

Lab File: BM018930.D

Acq: 26 Feb 2019 15:33

Tgt Ion:163 Resp: 107691

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.2	4.8
164	10.9	7.8	11.8

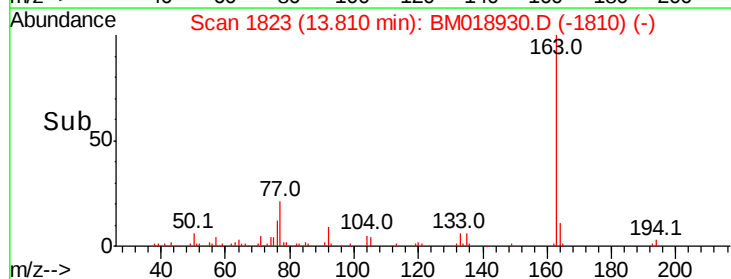
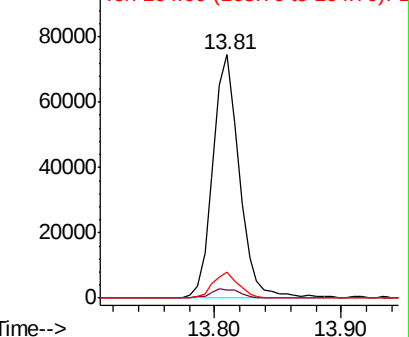


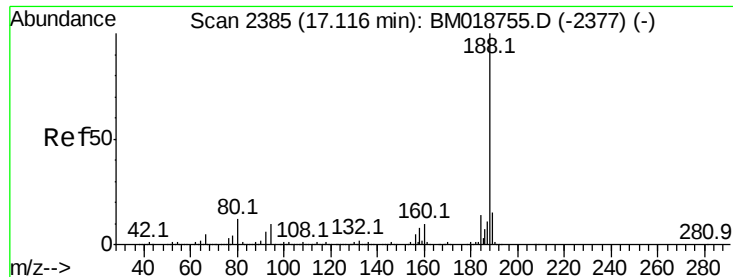
Abundance

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

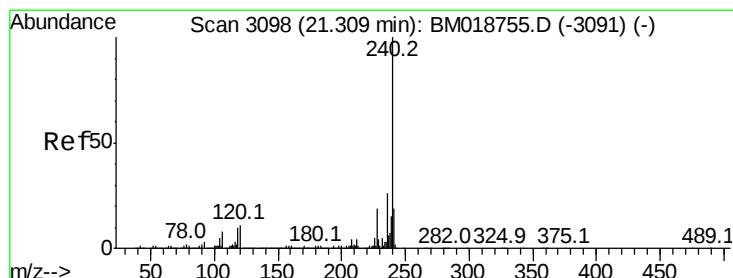
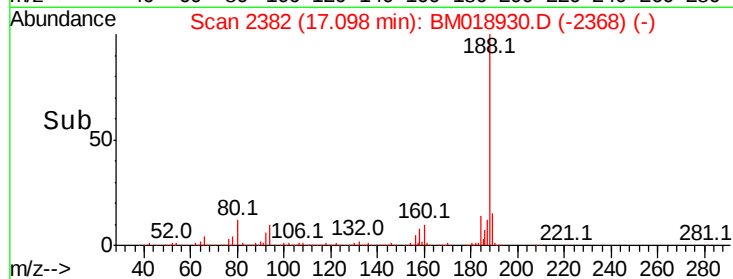
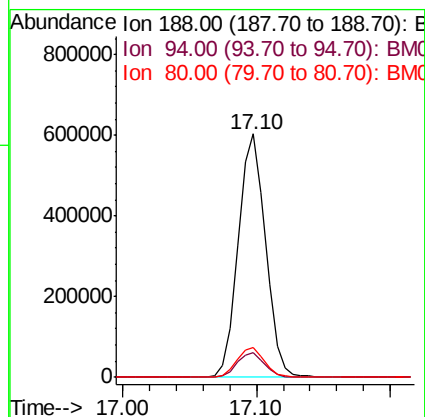
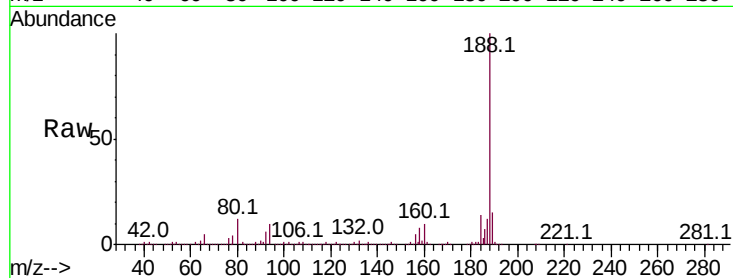




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2382
Delta R.T. -0.02 min
Lab File: BM018930.D
Acq: 26 Feb 2019 15:33

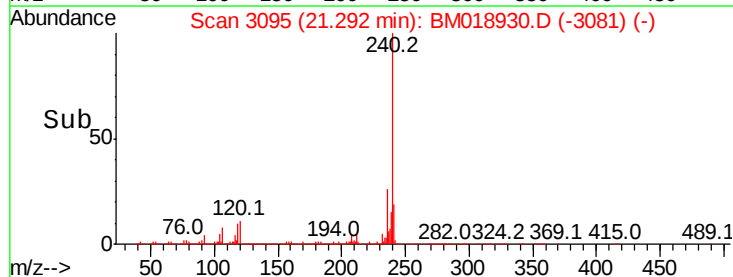
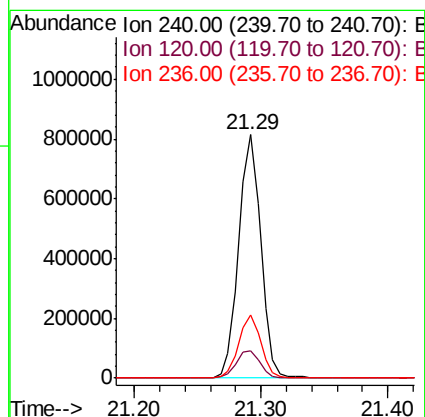
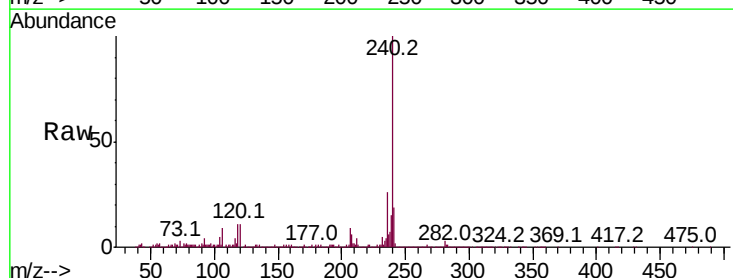
Instrument :
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TP-4

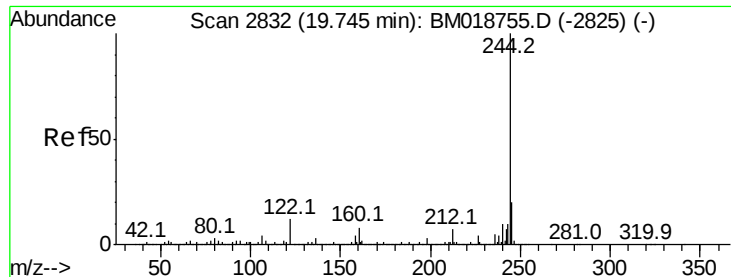
Tot Ion:188 Resp: 857197
Ion Ratio Lower Upper
188 100
94 10.3 8.2 12.2
80 12.1 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.29 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BM018930.D
Acq: 26 Feb 2019 15:33

Tgt Ion:240 Resp: 975110
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 26.1 20.9 31.3

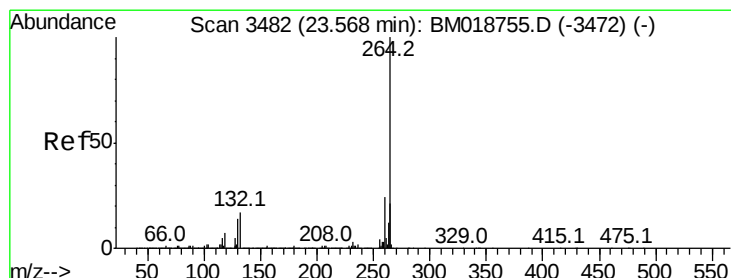
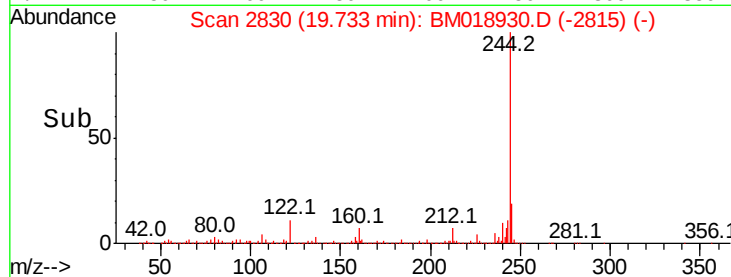
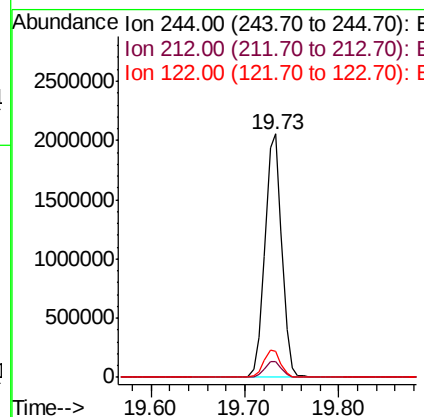
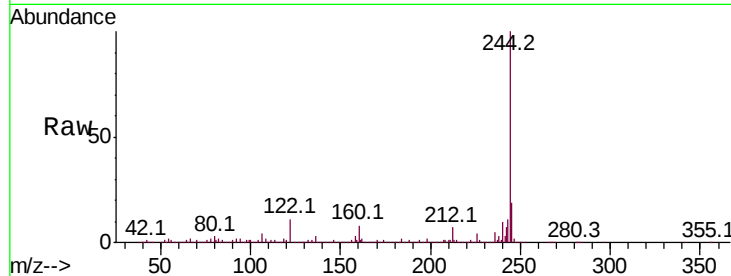




#79
 Terphenyl-d14
 Concen: 53.812 ng
 RT: 19.73 min Scan# 2830
 Delta R.T. -0.01 min
 Lab File: BM018930.D
 Acq: 26 Feb 2019 15:33

Instrument :
 BNA_M
 ClientSampled :
 TP-4

Tot Ion:244 Resp: 2543646
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 10.8 9.3 13.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.54 min Scan# 3478
 Delta R.T. -0.02 min
 Lab File: BM018930.D
 Acq: 26 Feb 2019 15:33

Tgt Ion:264 Resp: 1090681
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.9 28.3
 265 21.8 17.3 25.9

