

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 00:03:03 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

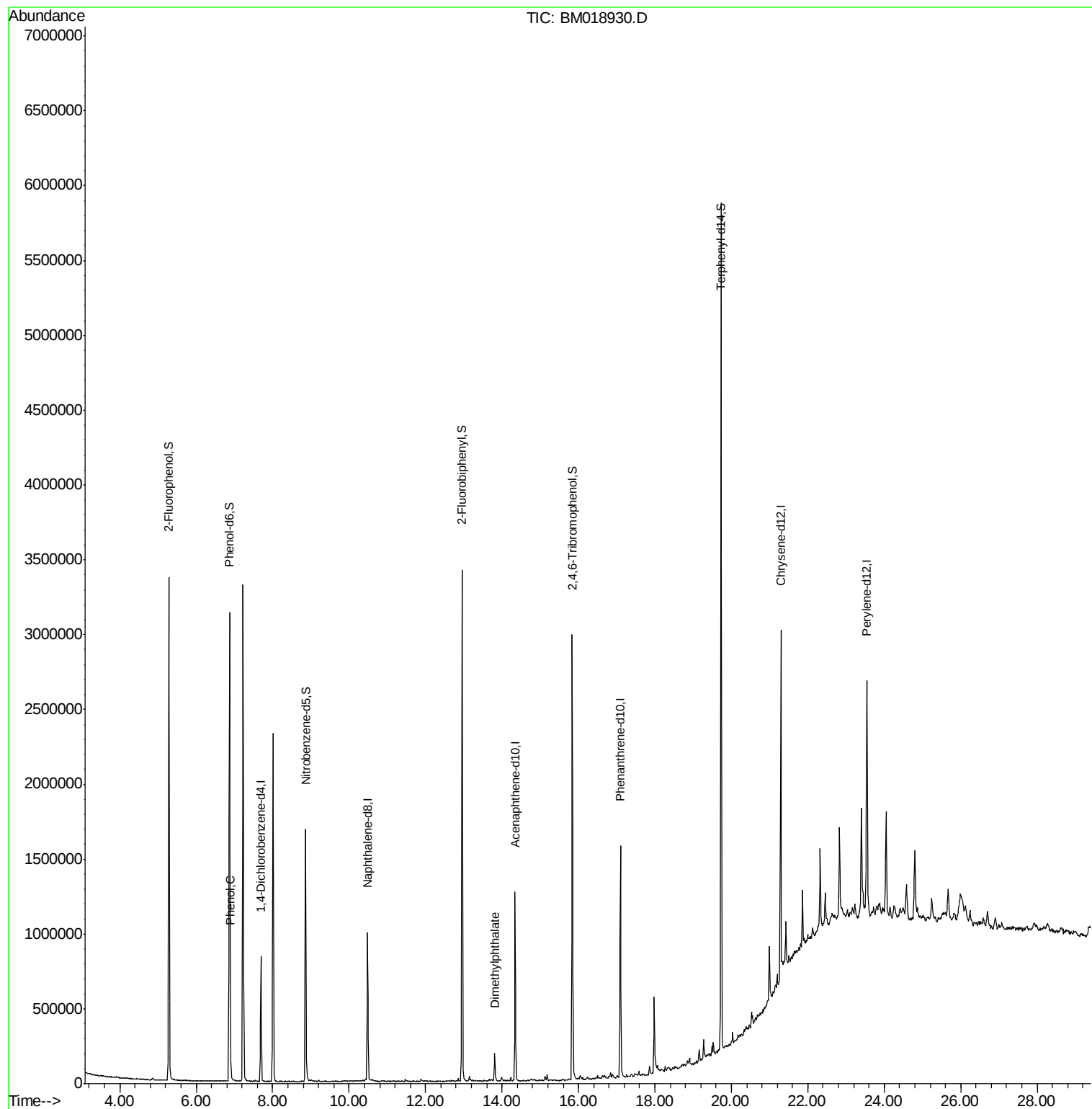
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	210946	20.00	ng	-0.02
21) Naphthalene-d8	10.48	136	772683	20.00	ng	-0.02
39) Acenaphthene-d10	14.35	164	390022	20.00	ng	-0.02
64) Phenanthrene-d10	17.10	188	857197	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	975110	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						
9) Benzaldehyde	6.87	77	4416	Below Cal		Qvalue # 13
10) Phenol	6.89	94	61552	3.225 ng		83
50) Dimethylphthalate	13.81	163	107691	3.313 ng		97

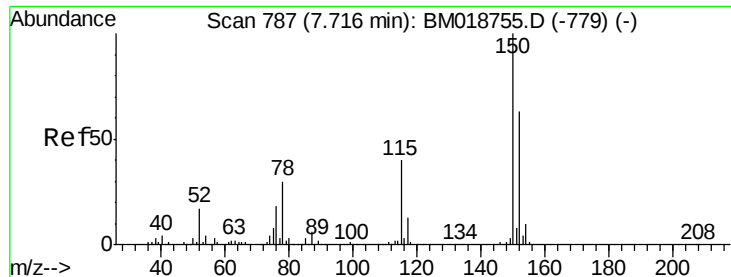
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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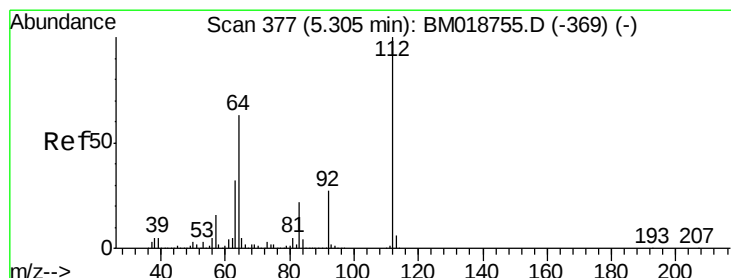
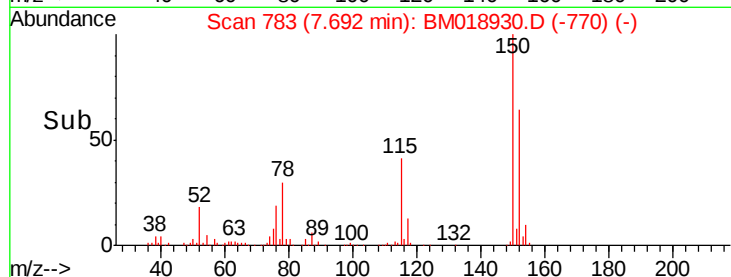
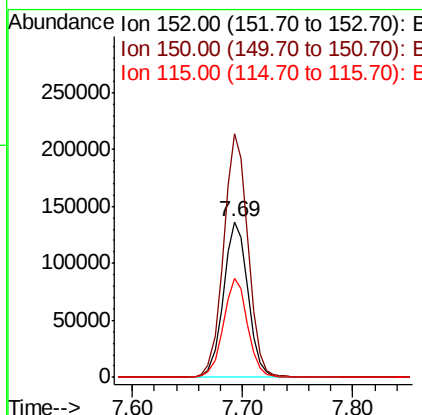
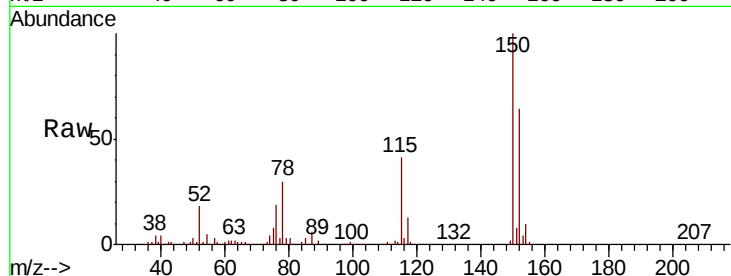


#1

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
ClientSampled :
TP-4

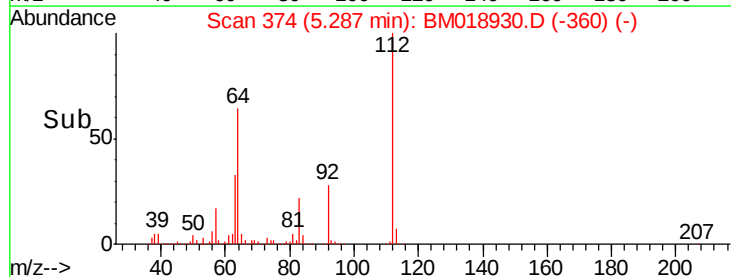
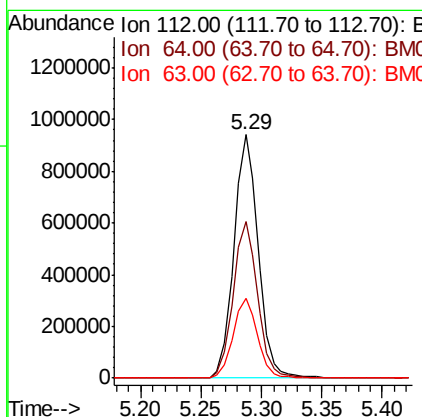
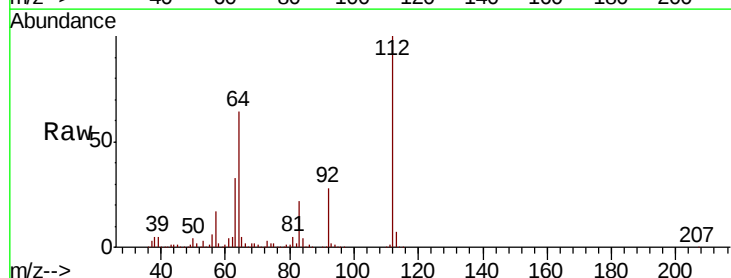
Tgt Ion:152 Resp: 210946
Ion Ratio Lower Upper
152 100
150 156.8 127.3 190.9
115 63.5 50.8 76.2



#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





#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

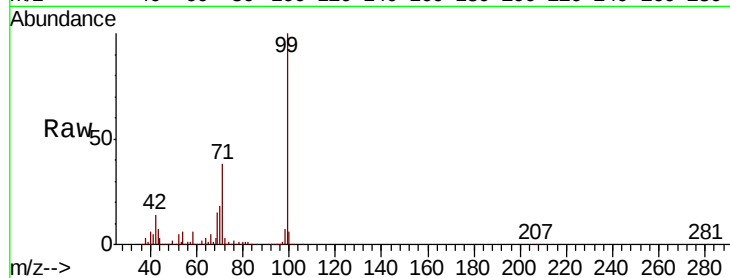
Tgt Ion: 99 Resp: 1774264

Ion Ratio Lower Upper

99 100

42 14.2 11.0 16.6

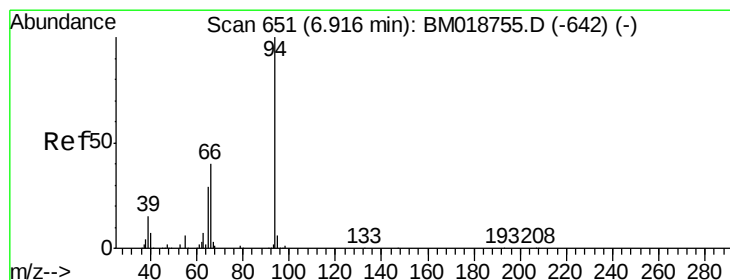
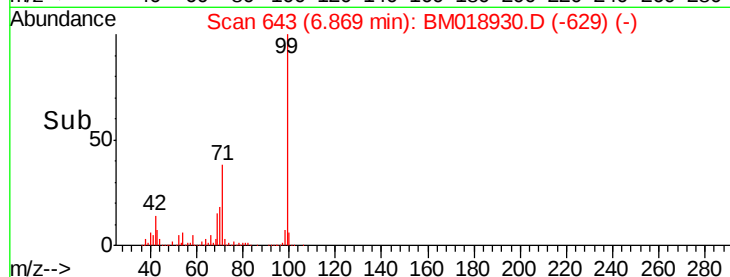
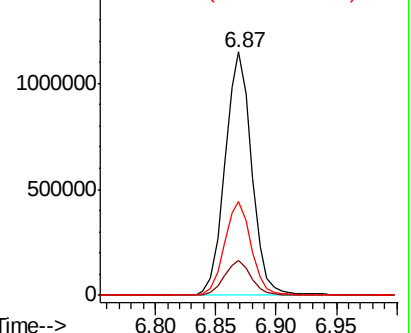
71 38.4 31.3 46.9



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

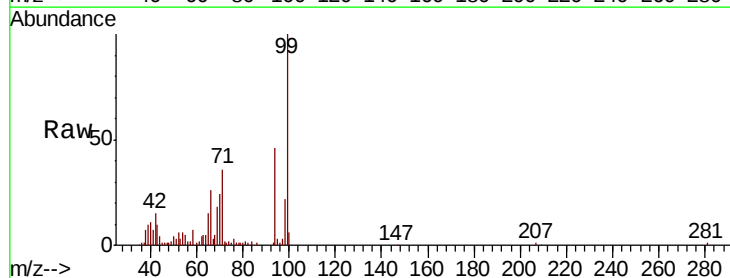
Tgt Ion: 94 Resp: 61552

Ion Ratio Lower Upper

94 100

65 33.1 9.6 49.6

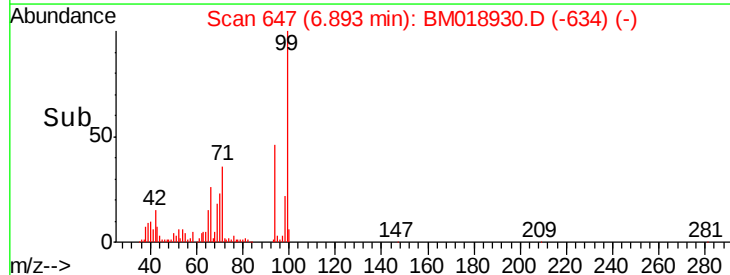
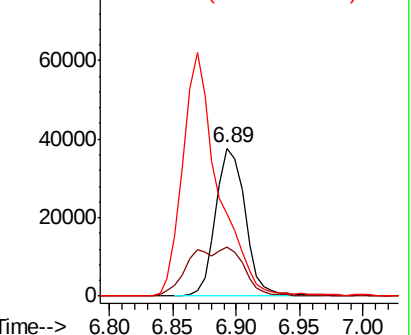
66 55.8 20.4 60.4

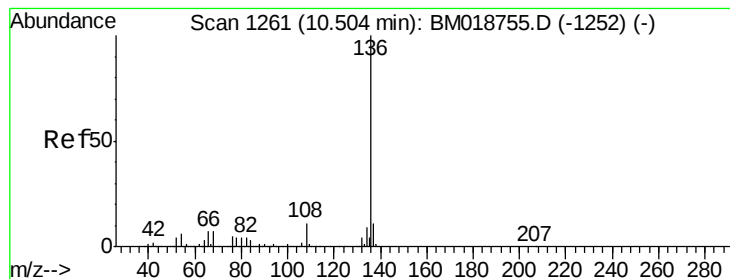


Abundance Ion 94.00 (93.70 to 94.70): BM018755.D (-642) (-)

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

Tgt Ion:136 Resp: 772683

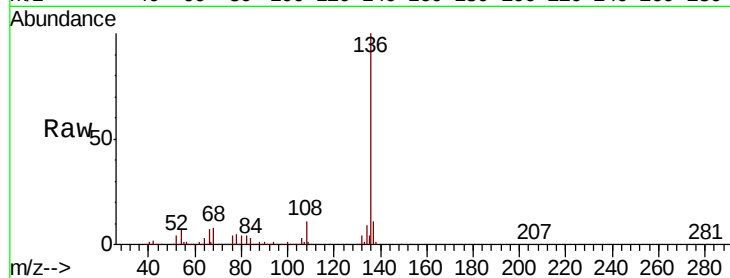
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.0 5.0 7.6

68 7.5 5.5 8.3

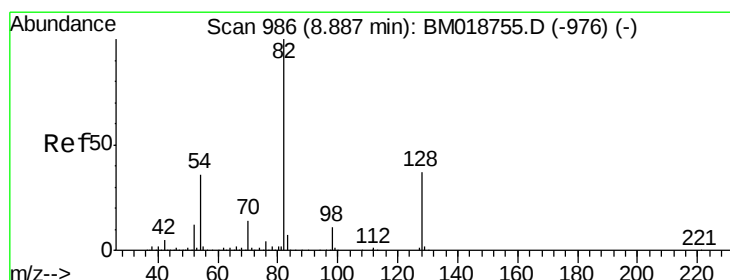
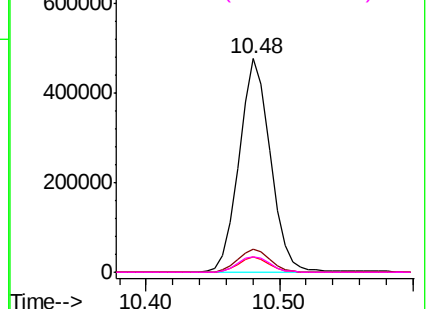
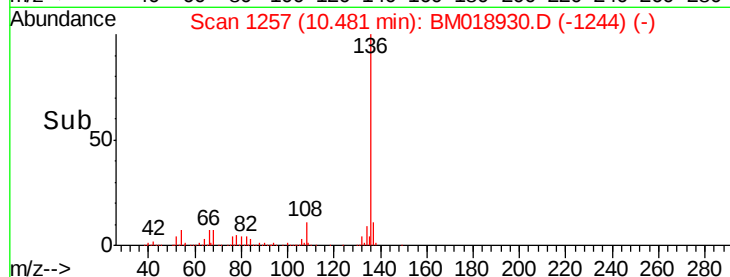


Abundance Ion 136.00 (135.70 to 136.70): E

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

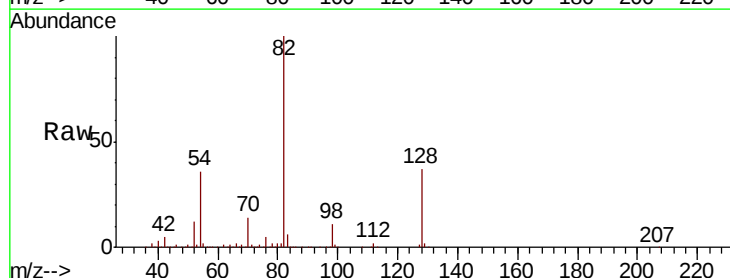
Tgt Ion: 82 Resp: 1127956

Ion Ratio Lower Upper

82 100

128 36.6 29.9 44.9

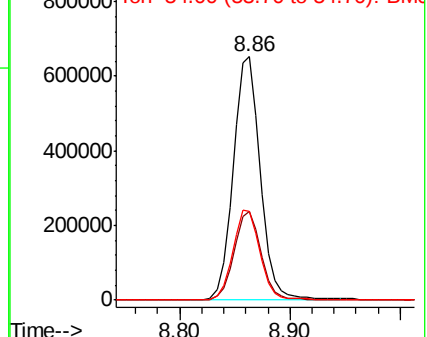
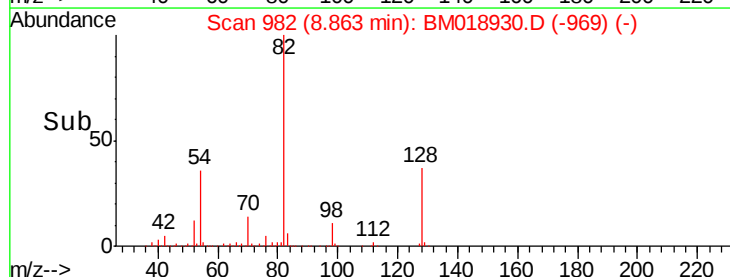
54 36.4 29.1 43.7

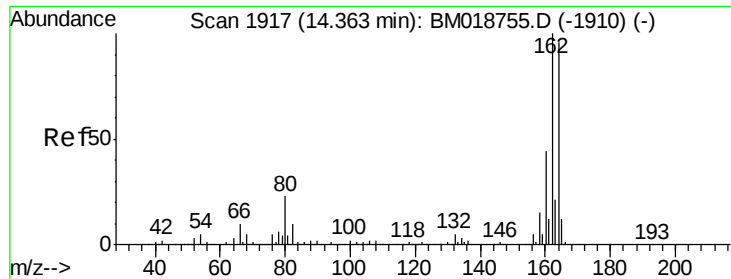


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

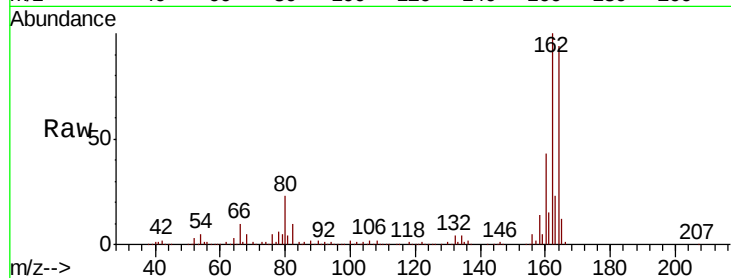




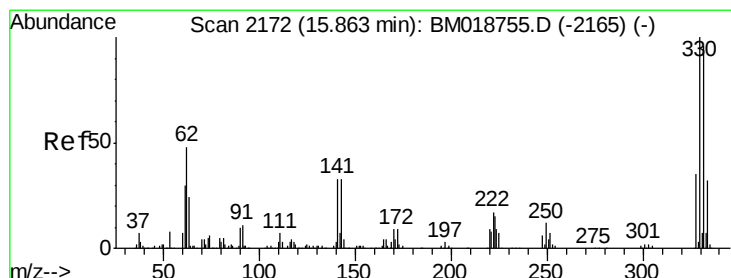
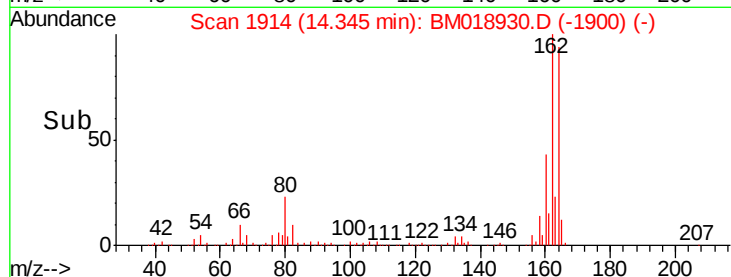
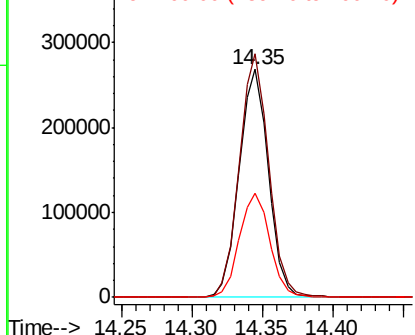
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM018930.D
Acq: 26 Feb 2019 15:33

Instrument :
BNA_M
ClientSampleId :
TP-4

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

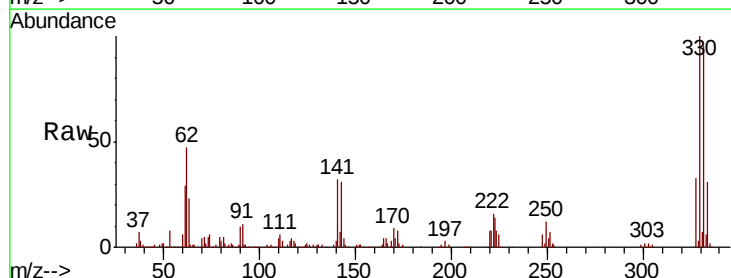


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

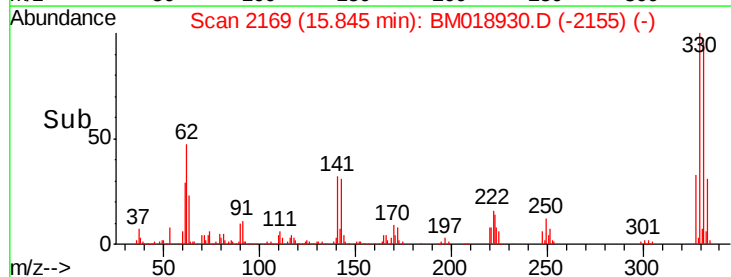
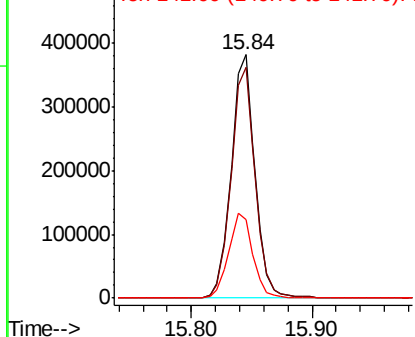


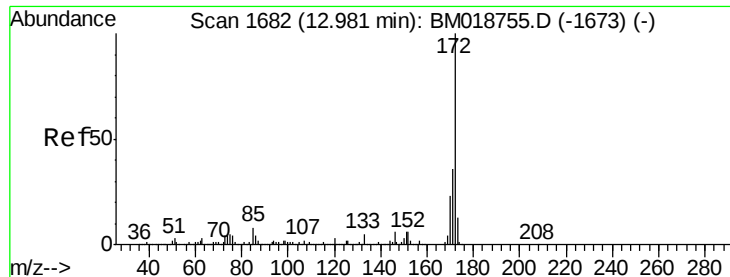
#42
2,4,6-Tribromophenol
Concen: 93.182 ng
RT: 15.84 min Scan# 2169
Delta R.T. -0.02 min
Lab File: BM018930.D
Acq: 26 Feb 2019 15:33

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

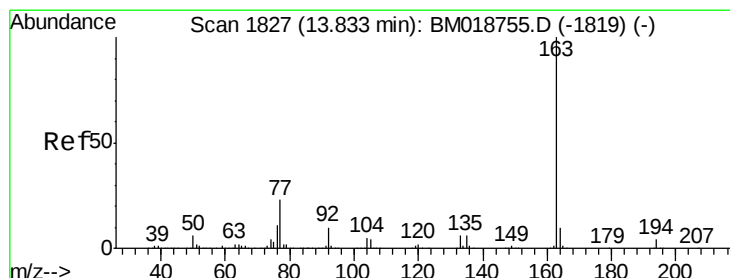
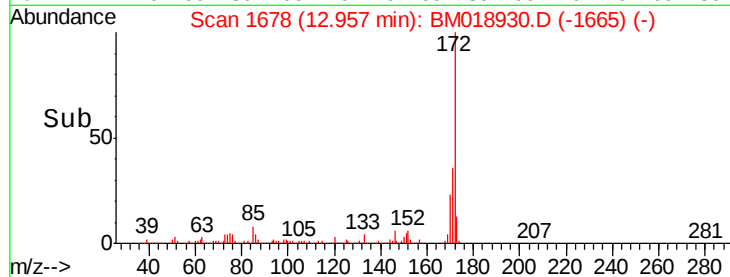
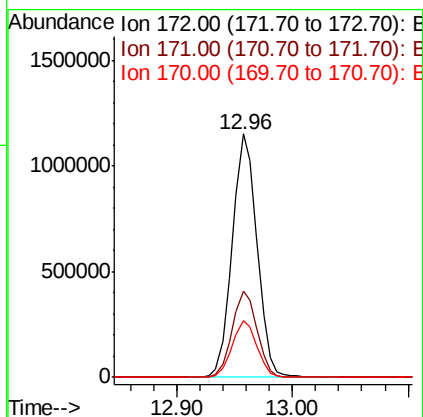
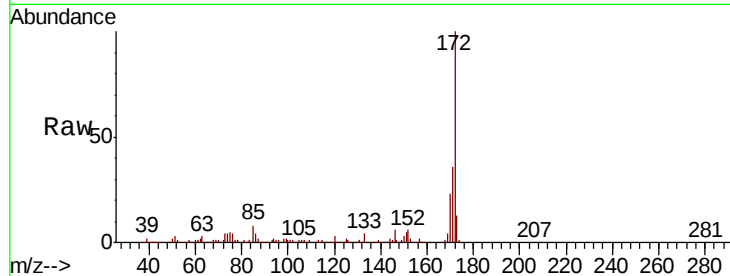




#45
 2-Fluorobiphenyl
 Concen: 58.325 ng
 RT: 12.96 min Scan# 1678
 Delta R.T. -0.02 min
 Lab File: BM018930.D
 Acq: 26 Feb 2019 15:33

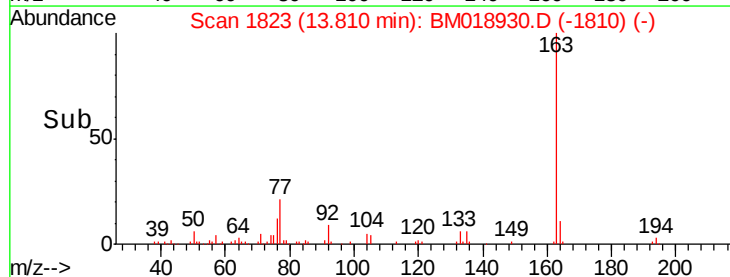
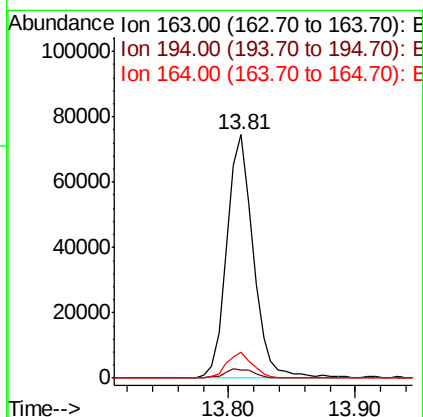
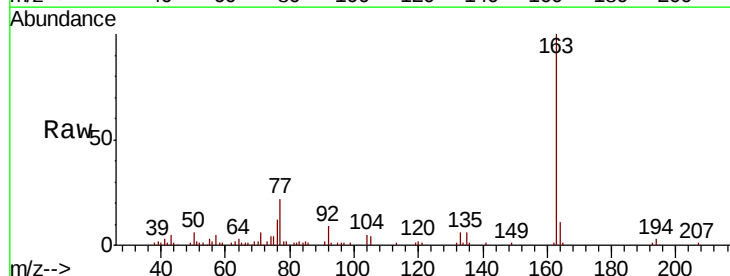
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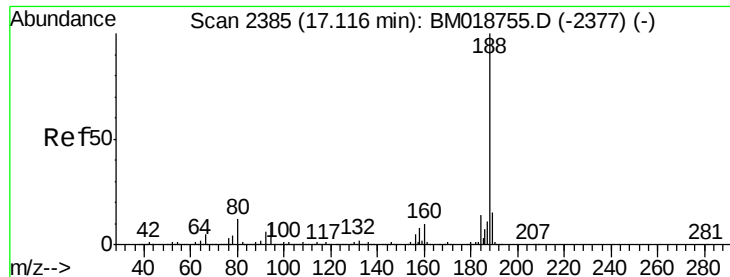
Tgt Ion:172 Resp: 1713642
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.0 43.6
 170 23.3 18.6 28.0



#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

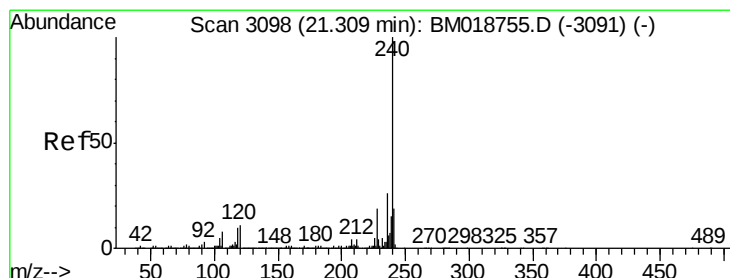
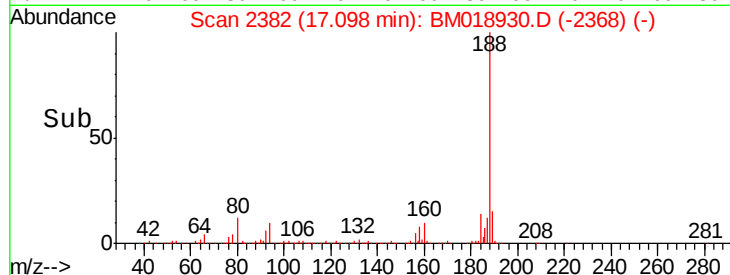
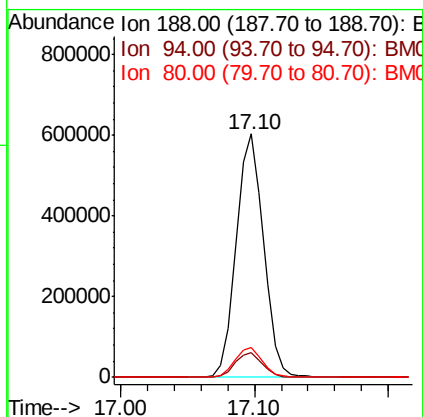
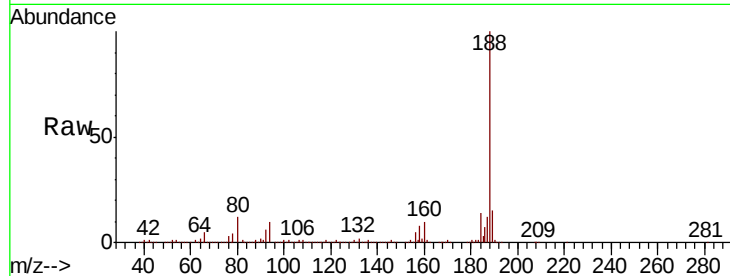




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2382
Delta R.T. -0.02 min
Lab File: BM018930.D
Acq: 26 Feb 2019 15:33

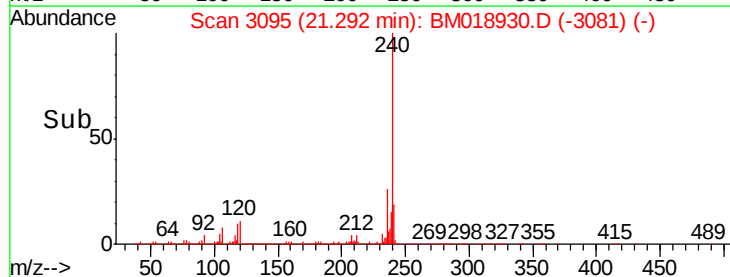
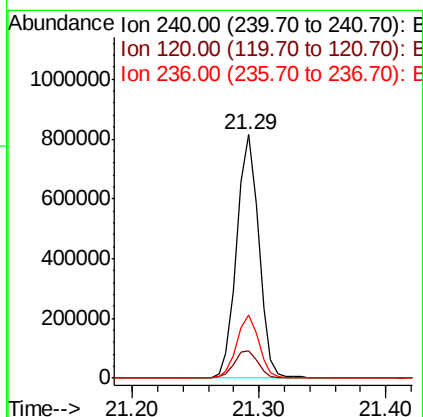
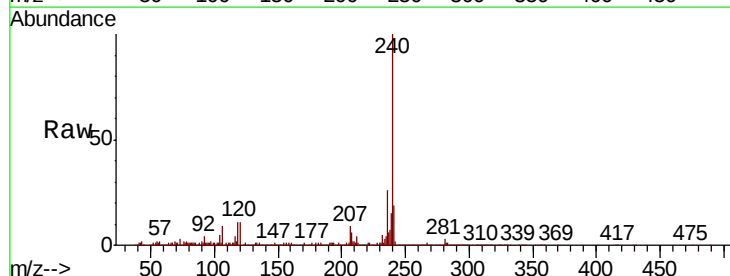
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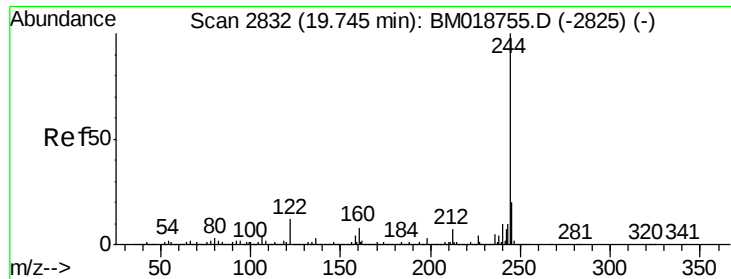
Tgt Ion:188 Resp: 857197
Ion Ratio Lower Upper
188 100
94 10.3 8.2 12.2
80 12.1 9.7 14.5



#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

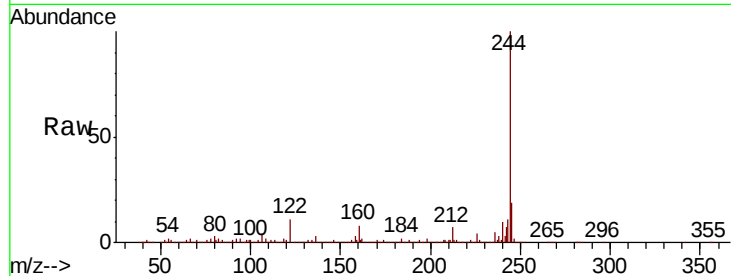




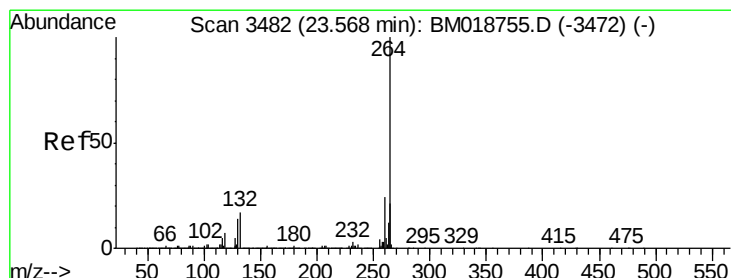
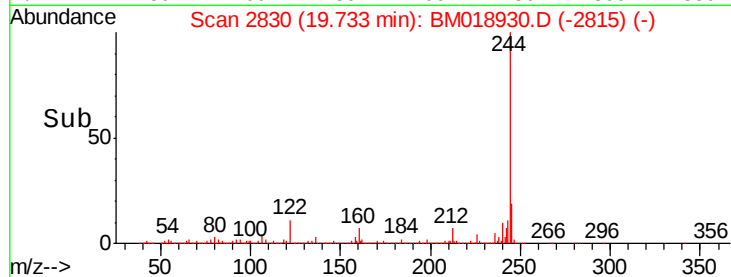
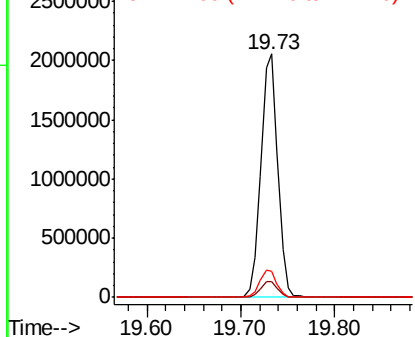
#79
 Terphenyl-d14
 Concen: 53.812 ng
 RT: 19.73 min Scan# 2830
 Delta R.T. -0.01 min
 Lab File: BM018930.D
 Acq: 26 Feb 2019 15:33

Instrument :
 BNA_M
 ClientSampled :
 TP-4

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

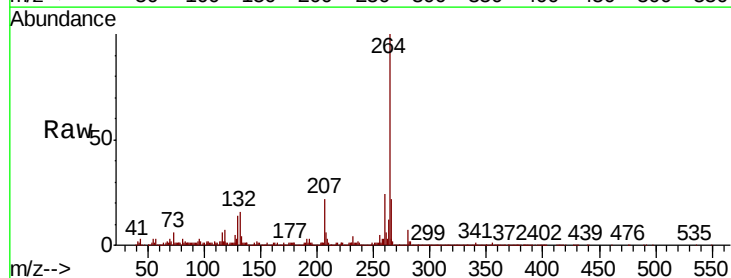


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.54 min Scan# 3478
 Delta R.T. -0.02 min
 Lab File: 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



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

