

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022519\
 Data File : BM018918.D
 Acq On : 25 Feb 2019 18:00
 Operator : JU/SJ
 Sample : K1597-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-25

Quant Time: Feb 25 20:55:58 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

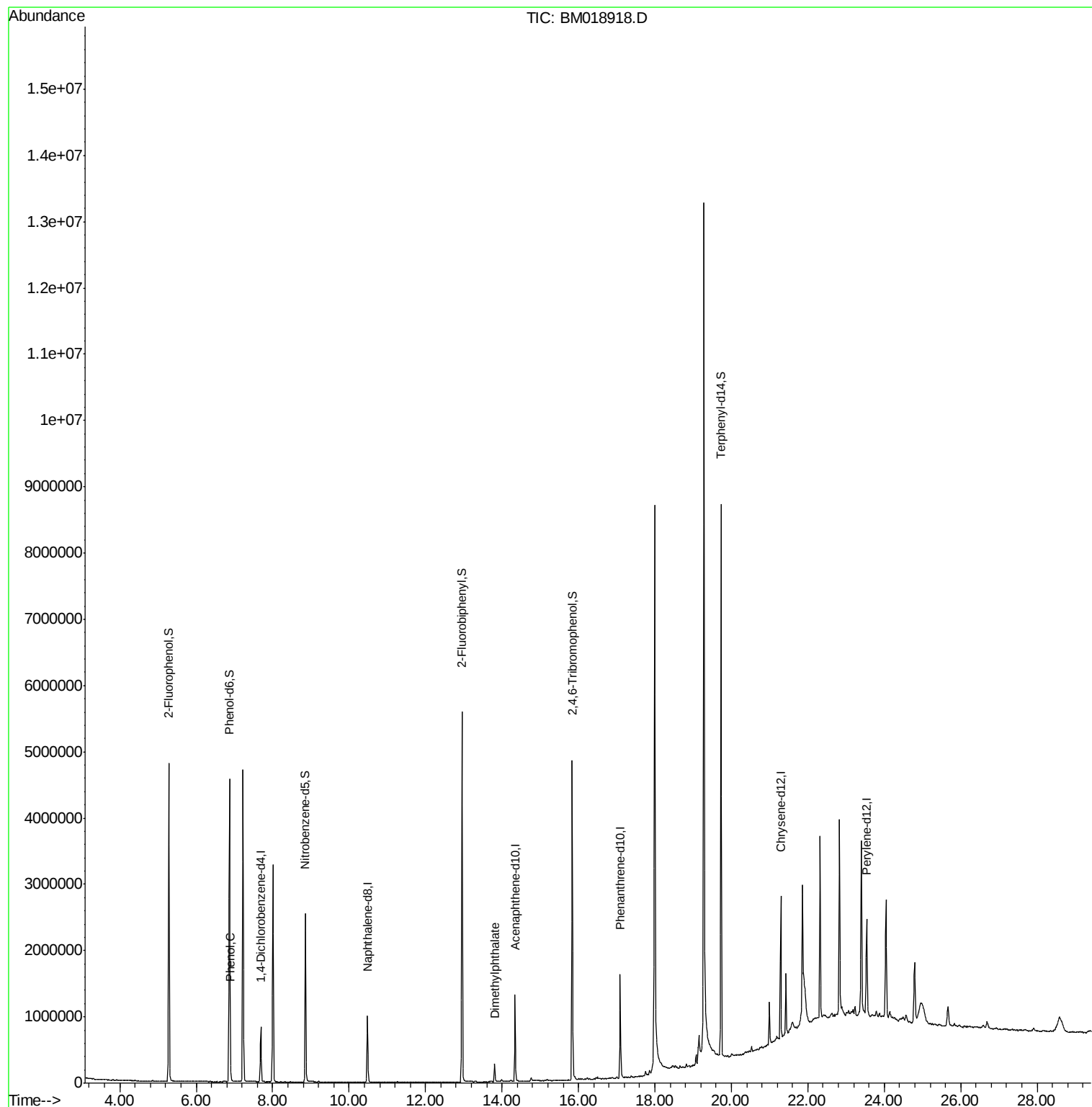
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	219982	20.00	ng	-0.02
21) Naphthalene-d8	10.48	136	813330	20.00	ng	-0.02
39) Acenaphthene-d10	14.34	164	417831	20.00	ng	-0.02
64) Phenanthrene-d10	17.09	188	897622	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	923394	20.00	ng	-0.02
87) Perylene-d12	23.54	264	1049861	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1931216	143.84	ng	-0.02
7) Phenol-d6	6.87	99	2575401	136.16	ng	-0.02
23) Nitrobenzene-d5	8.86	82	1617610	91.96	ng	-0.03
42) 2,4,6-Tribromophenol	15.84	330	858879	142.60	ng	-0.02
45) 2-Fluorobiphenyl	12.96	172	2682389	85.22	ng	-0.02
79) Terphenyl-d14	19.73	244	3599168	80.41	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.87	77	6513	Below Cal		Qvalue # 12
10) Phenol	6.89	94	91730	4.609	ng	90
50) Dimethylphthalate	13.80	163	180261	5.177	ng	98

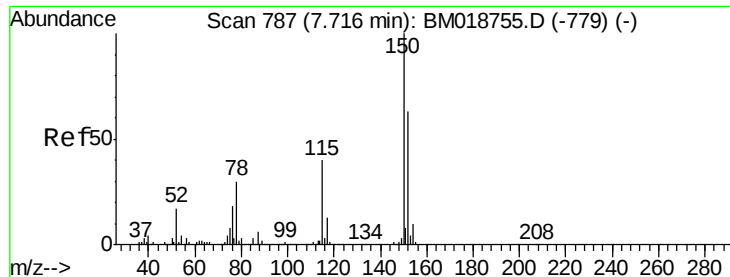
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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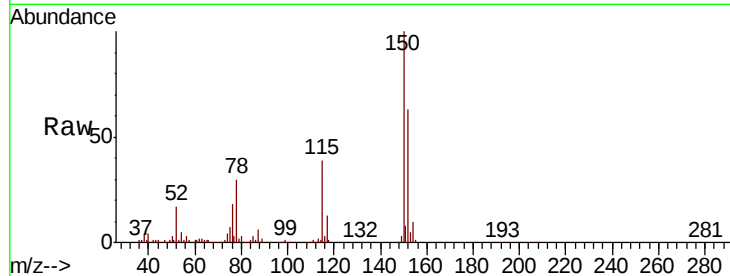


#1

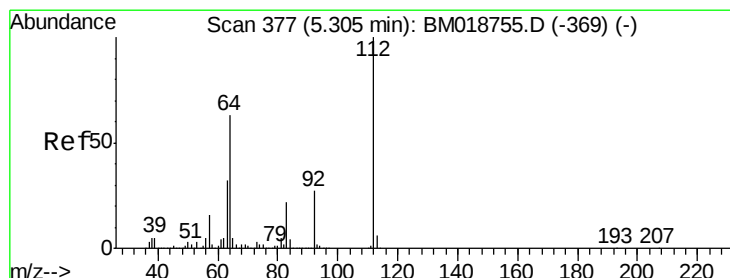
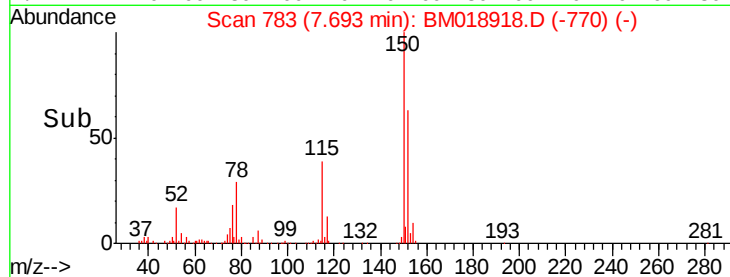
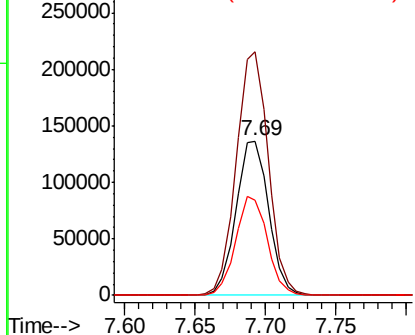
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.02 min
Lab File: BM018918.D
Acq: 25 Feb 2019 18:00

Instrument :
BNA_M
ClientSampled :
TP-25

Tgt Ion:152 Resp: 219982
Ion Ratio Lower Upper
152 100
150 157.8 127.3 190.9
115 61.8 50.8 76.2



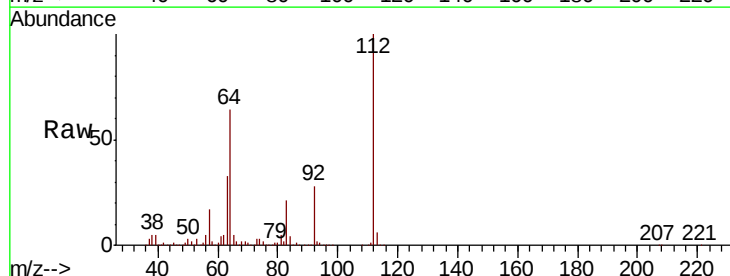
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



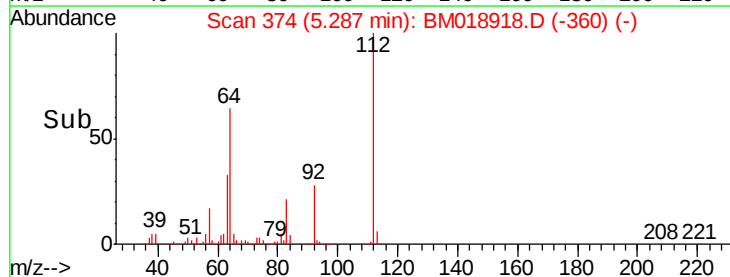
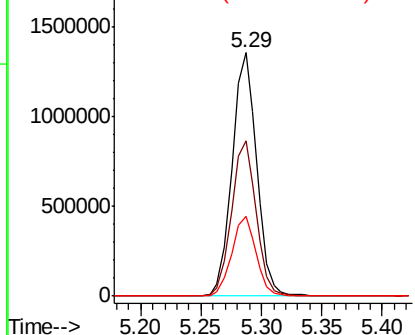
#5

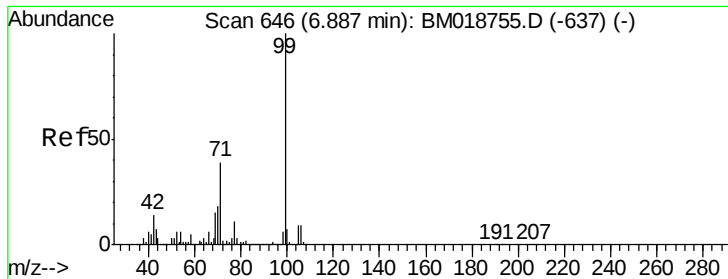
2-Fluorophenol
Concen: 143.841 ng
RT: 5.29 min Scan# 374
Delta R.T. -0.02 min
Lab File: BM018918.D
Acq: 25 Feb 2019 18:00

Tgt Ion:112 Resp: 1931216
Ion Ratio Lower Upper
112 100
64 63.8 50.6 75.8
63 32.7 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: 136.164 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.02 min

Lab File: BM018918.D

Acq: 25 Feb 2019 18:00

Instrument :

BNA_M

ClientSampleId :

TP-25

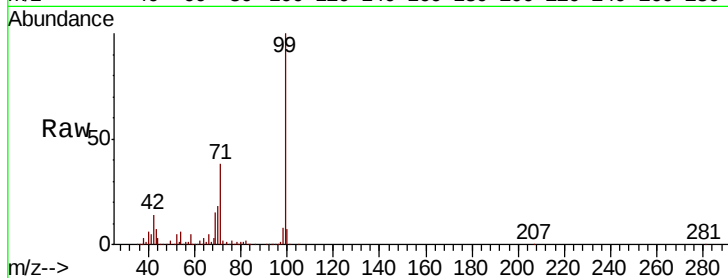
Tgt Ion: 99 Resp: 2575401

Ion Ratio Lower Upper

99 100

42 13.7 11.0 16.6

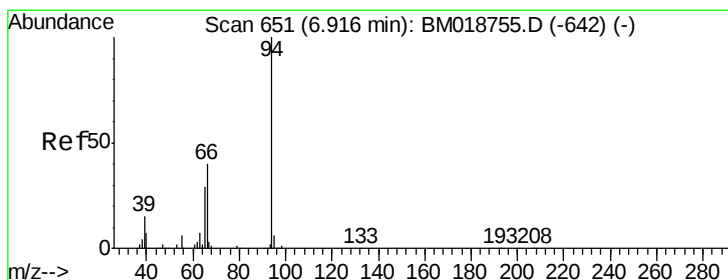
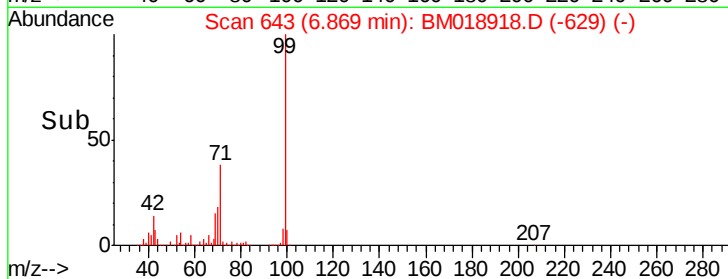
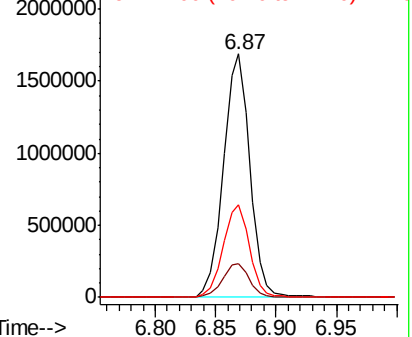
71 38.0 31.3 46.9



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: 4.609 ng

RT: 6.89 min Scan# 647

Delta R.T. -0.02 min

Lab File: BM018918.D

Acq: 25 Feb 2019 18:00

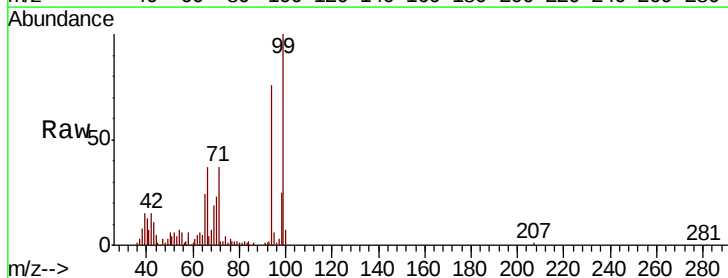
Tgt Ion: 94 Resp: 91730

Ion Ratio Lower Upper

94 100

65 31.8 9.6 49.6

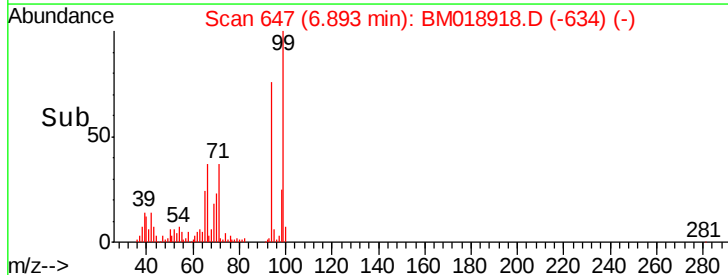
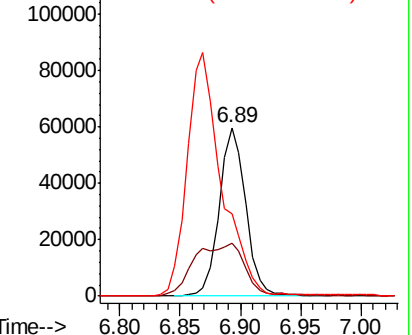
66 49.0 20.4 60.4

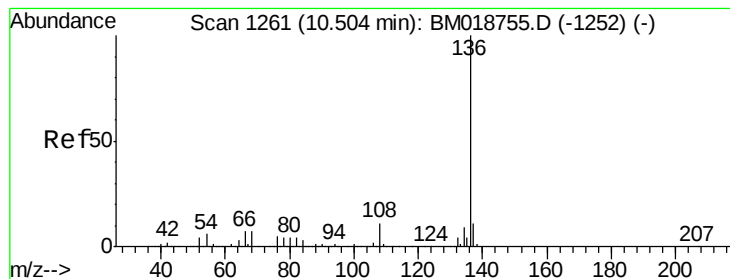


Abundance Ion 94.00 (93.70 to 94.70): BM018755.D (-642) (-)

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: BM018918.D

Acq: 25 Feb 2019 18:00

Instrument :

BNA_M

ClientSampleId :

TP-25

Tgt Ion: 136 Resp: 813330

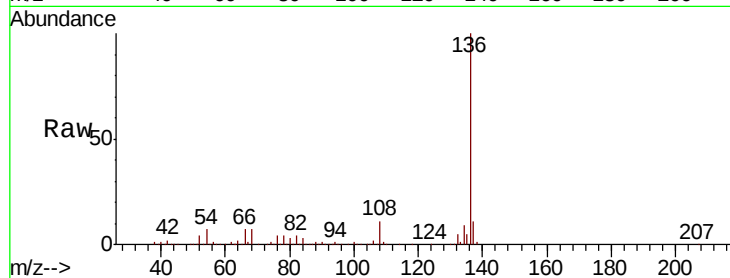
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 6.5 5.0 7.6

68 7.4 5.5 8.3

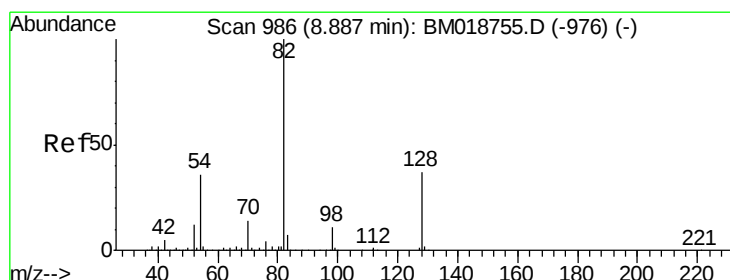
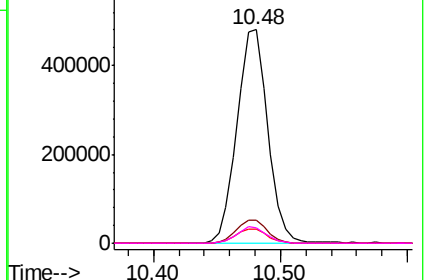
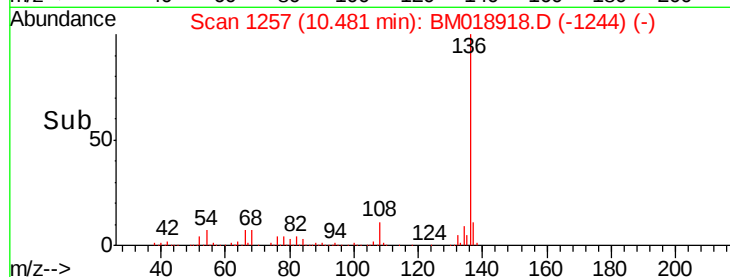


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.963 ng

RT: 8.86 min Scan# 981

Delta R.T. -0.03 min

Lab File: BM018918.D

Acq: 25 Feb 2019 18:00

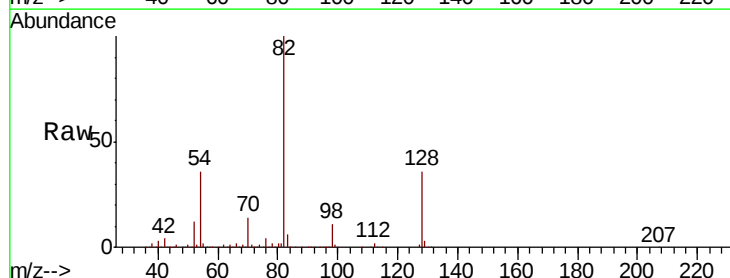
Tgt Ion: 82 Resp: 1617610

Ion Ratio Lower Upper

82 100

128 36.1 29.9 44.9

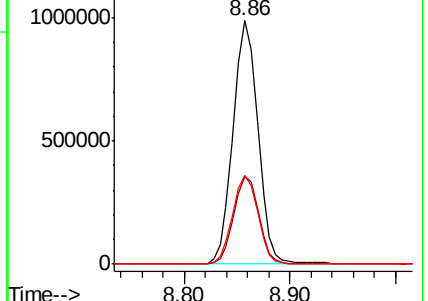
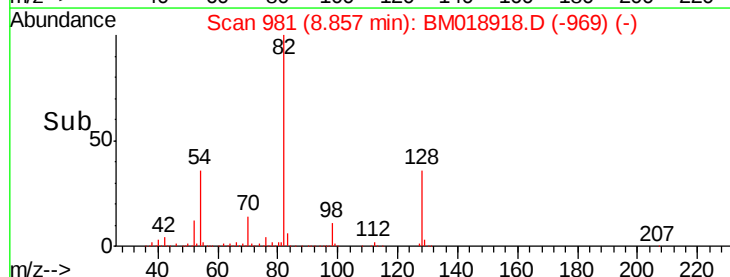
54 36.4 29.1 43.7

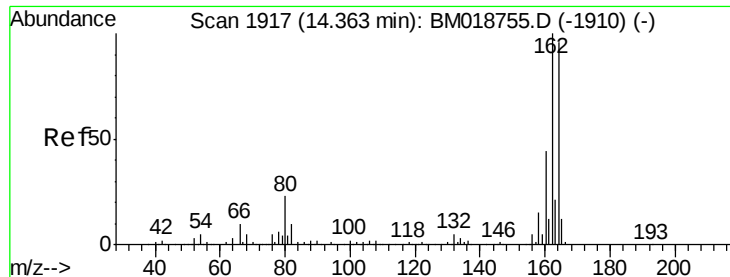


Abundance Ion 82.00 (81.70 to 82.70): BM

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: 14.34 min Scan# 1913

Delta R.T. -0.02 min

Lab File: BM018918.D

Acq: 25 Feb 2019 18:00

Instrument :

BNA_M

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TP-25

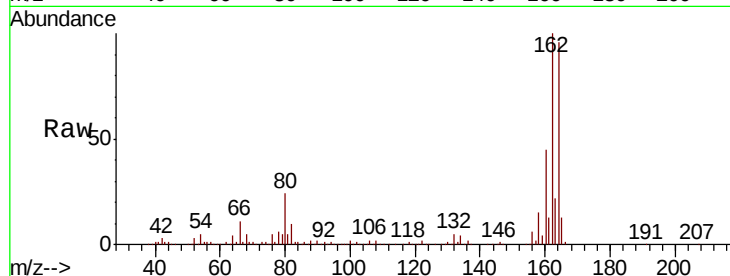
Tgt Ion:164 Resp: 417831

Ion Ratio Lower Upper

164 100

162 103.8 83.4 125.0

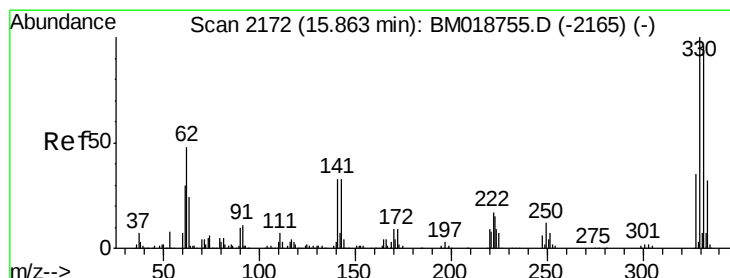
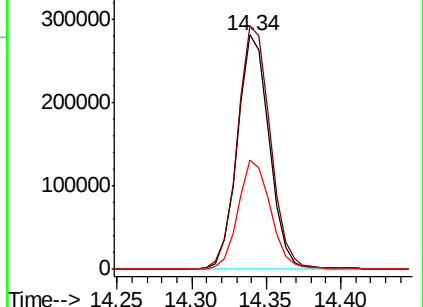
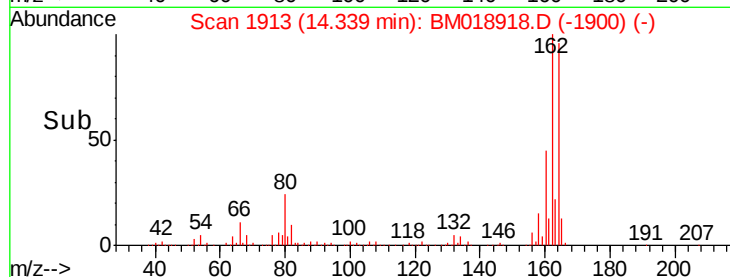
160 46.8 36.6 55.0



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: 142.602 ng

RT: 15.84 min Scan# 2168

Delta R.T. -0.02 min

Lab File: BM018918.D

Acq: 25 Feb 2019 18:00

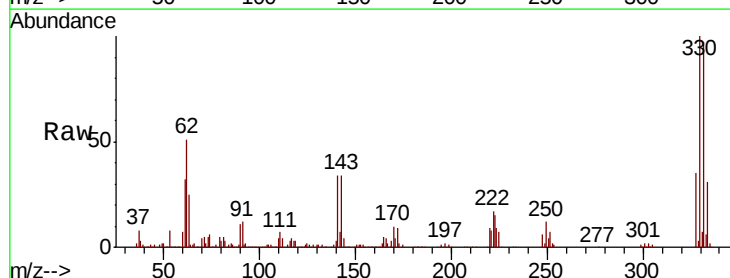
Tgt Ion:330 Resp: 858879

Ion Ratio Lower Upper

330 100

332 96.8 76.9 115.3

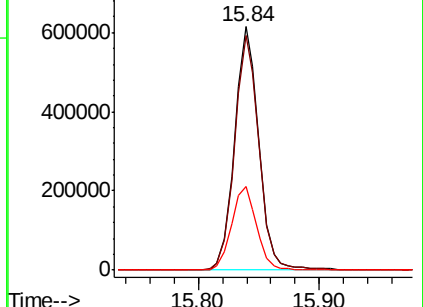
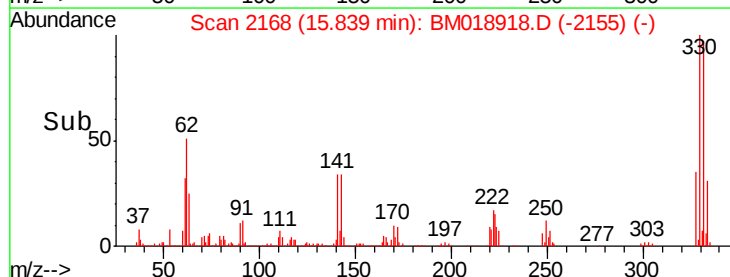
141 35.5 28.7 43.1

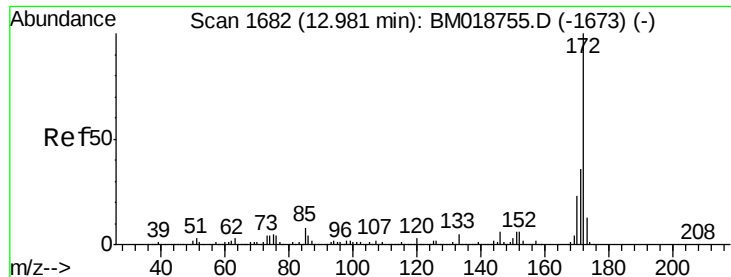


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

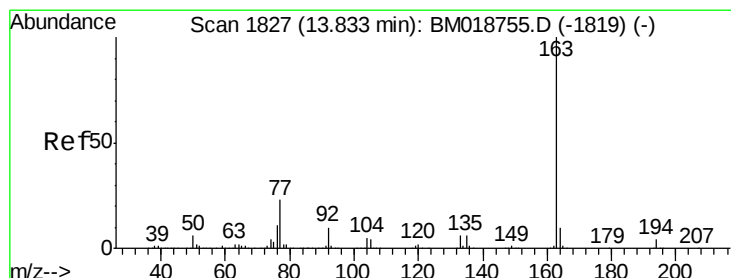
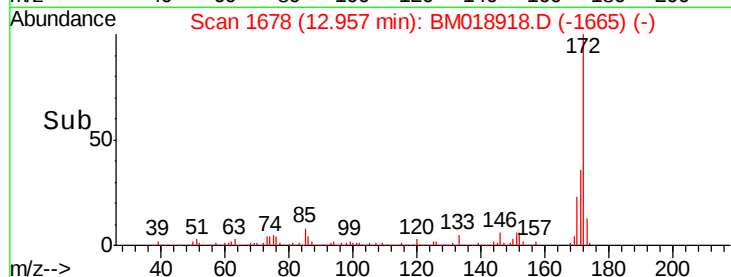
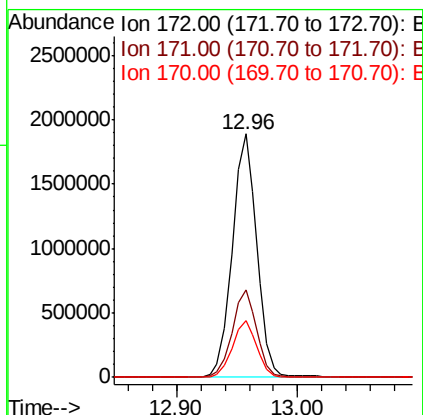
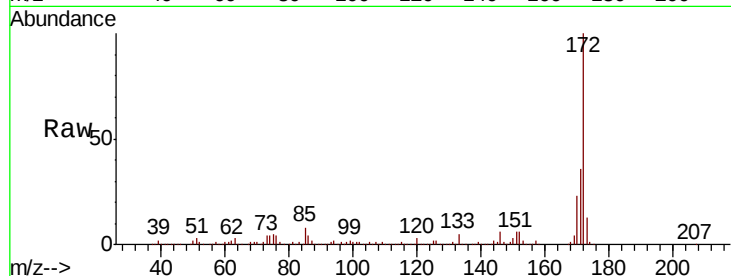




#45
 2-Fluorobiphenyl
 Concen: 85.221 ng
 RT: 12.96 min Scan# 1678
 Delta R.T. -0.02 min
 Lab File: BM018918.D
 Acq: 25 Feb 2019 18:00

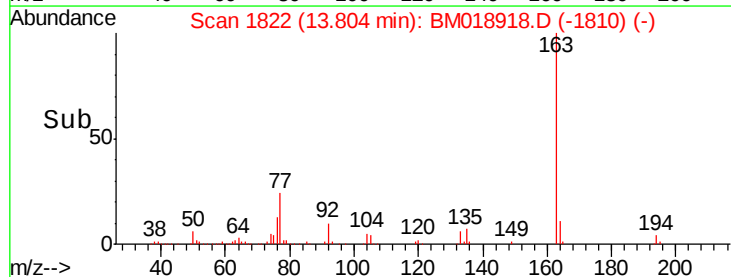
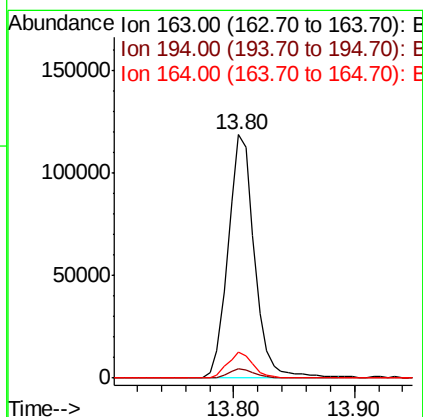
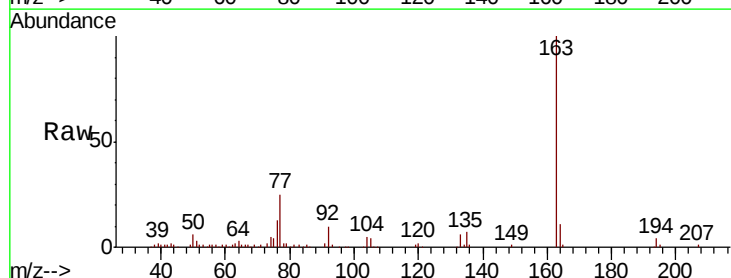
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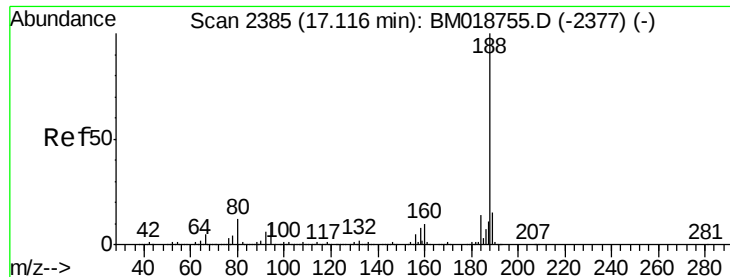
Tgt Ion:172 Resp: 2682389
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.6
 170 23.2 18.6 28.0



#50
 Dimethylphthalate
 Concen: 5.177 ng
 RT: 13.80 min Scan# 1822
 Delta R.T. -0.03 min
 Lab File: BM018918.D
 Acq: 25 Feb 2019 18:00

Tgt Ion:163 Resp: 180261
 Ion Ratio Lower Upper
 163 100
 194 3.7 3.2 4.8
 164 10.7 7.8 11.8

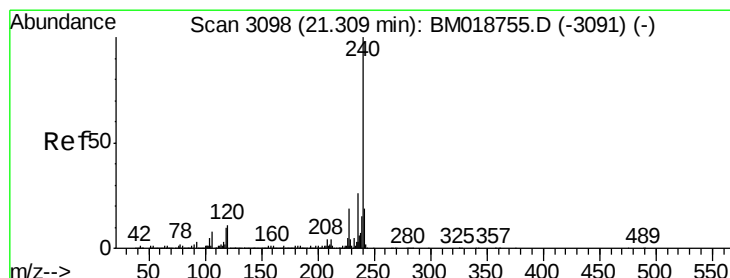
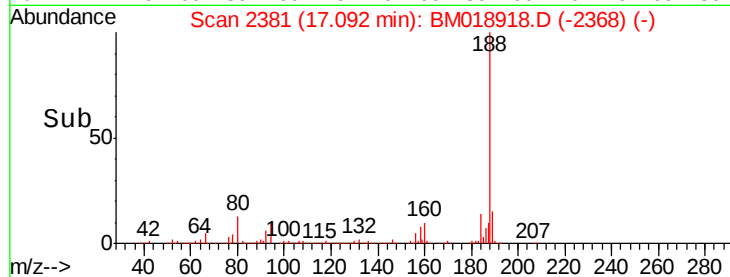
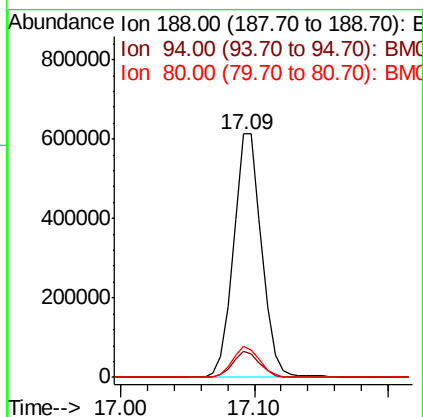
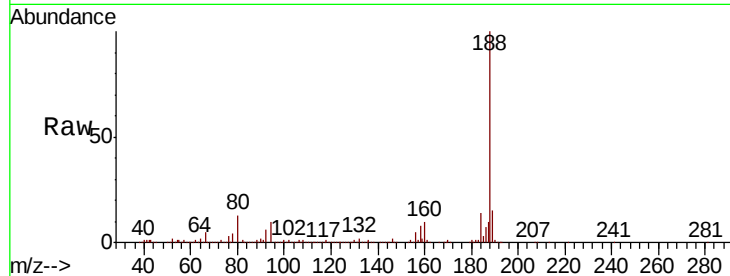




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2381
Delta R.T. -0.02 min
Lab File: BM018918.D
Acq: 25 Feb 2019 18:00

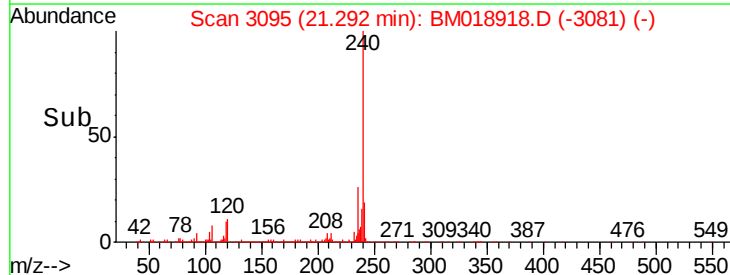
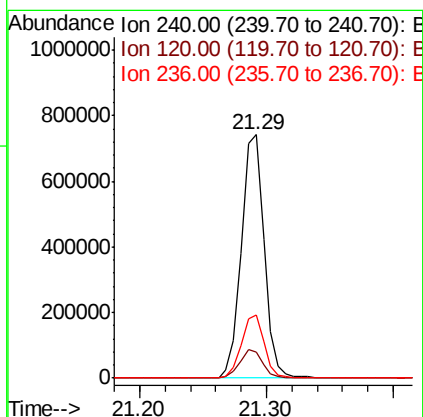
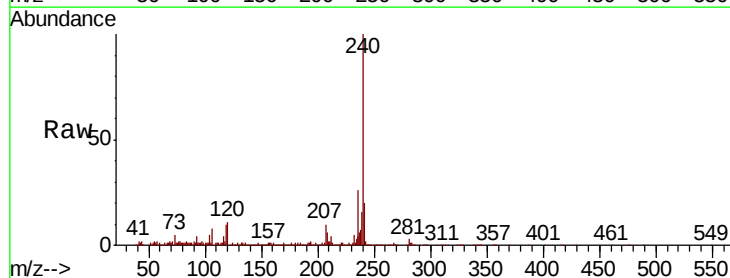
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BNA_M
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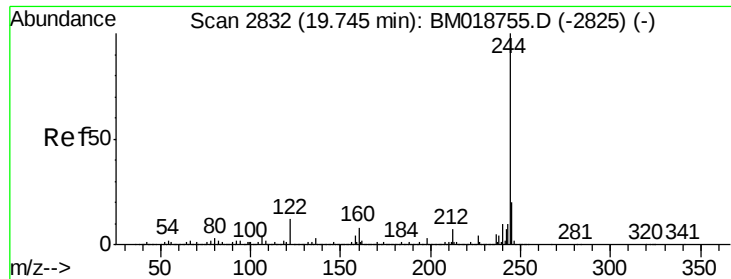
Tgt Ion:188 Resp: 897622
Ion Ratio Lower Upper
188 100
94 10.5 8.2 12.2
80 12.9 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.29 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BM018918.D
Acq: 25 Feb 2019 18:00

Tgt Ion:240 Resp: 923394
Ion Ratio Lower Upper
240 100
120 10.7 8.9 13.3
236 26.1 20.9 31.3





#79

Terphenyl-d14

Concen: 80.407 ng

RT: 19.73 min Scan# 2829

Delta R.T. -0.02 min

Lab File: BM018918.D

Acq: 25 Feb 2019 18:00

Instrument :

BNA_M

ClientSampleId :

TP-25

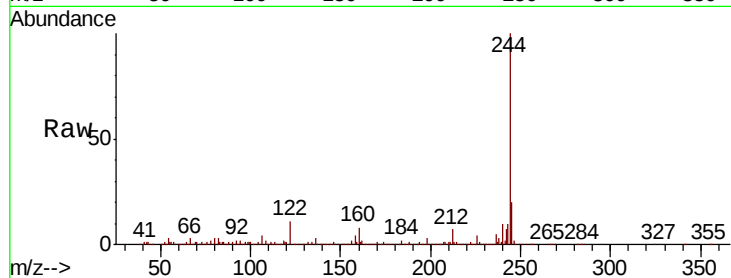
Tgt Ion:244 Resp: 3599168

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

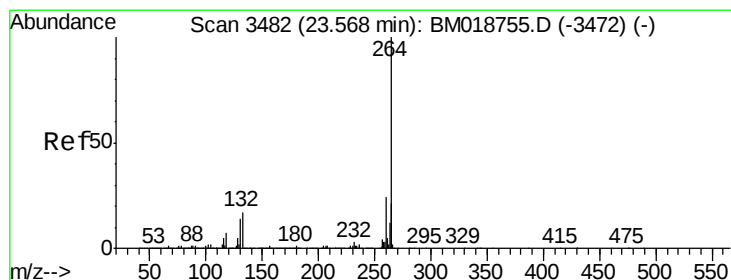
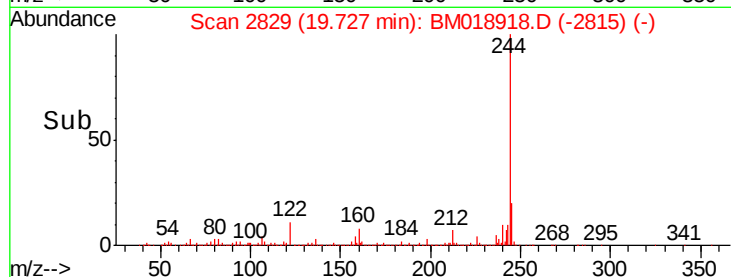
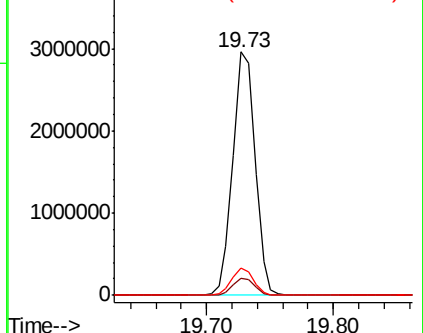
122 11.5 9.3 13.9



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# 3477

Delta R.T. -0.03 min

Lab File: BM018918.D

Acq: 25 Feb 2019 18:00

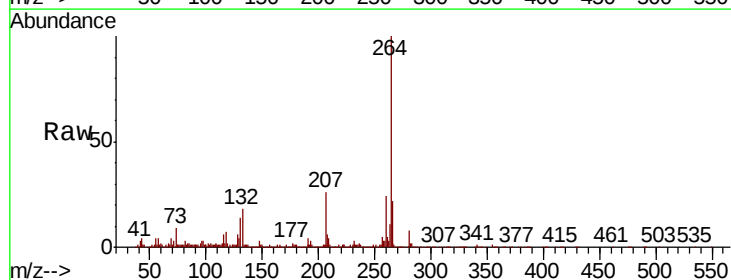
Tgt Ion:264 Resp: 1049861

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 22.2 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

