

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021919\
 Data File : BM018860.D
 Acq On : 19 Feb 2019 17:11
 Operator : JU/SJ
 Sample : K1515-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TS-7

Quant Time: Feb 20 02:55:52 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

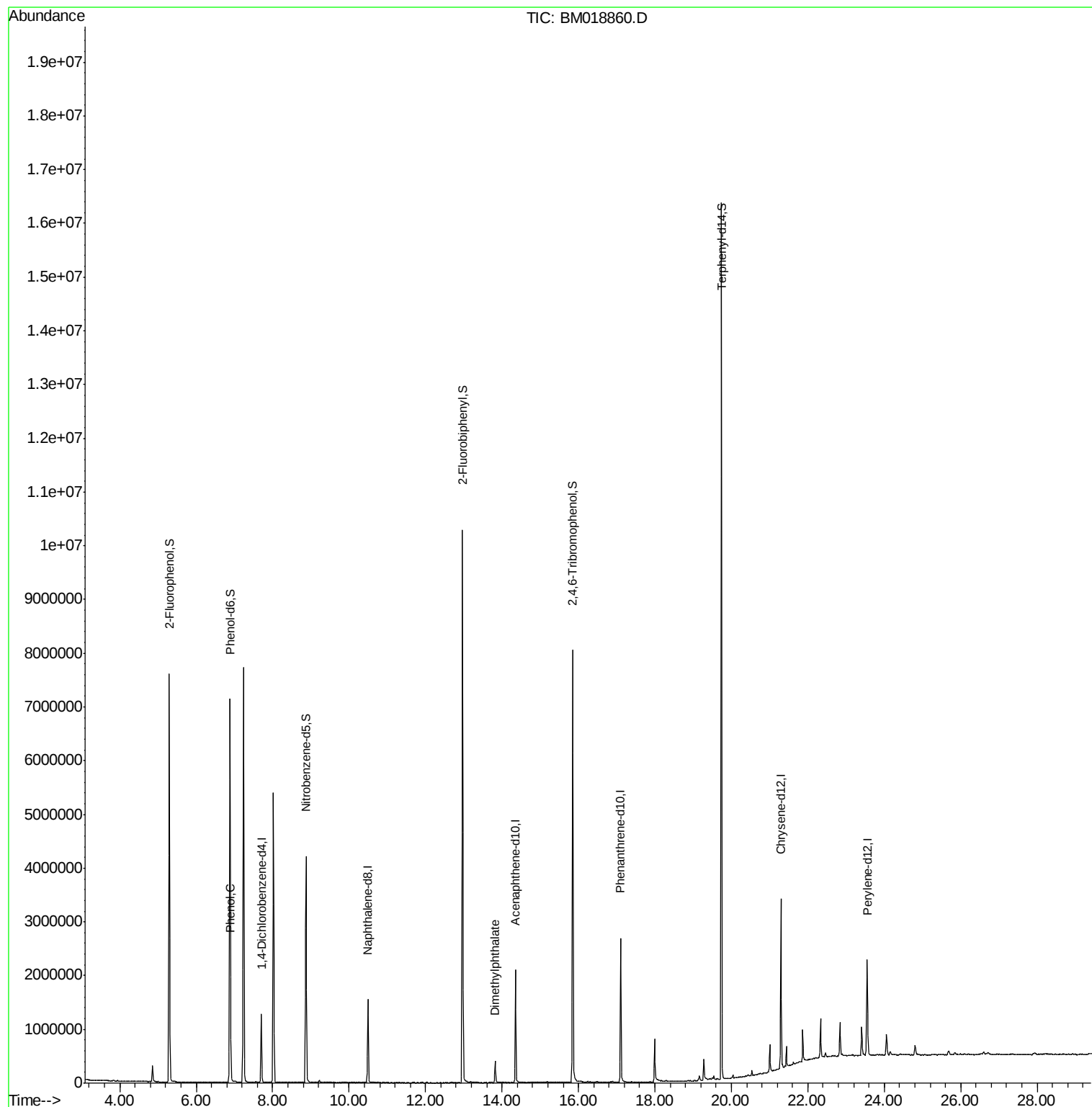
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	311671	20.00	ng	-0.01
21) Naphthalene-d8	10.49	136	1248853	20.00	ng	-0.01
39) Acenaphthene-d10	14.35	164	667483	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	1448460	20.00	ng	-0.01
76) Chrysene-d12	21.30	240	1306262	20.00	ng	-0.01
87) Perylene-d12	23.55	264	1183827	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2980726	156.70	ng	0.00
7) Phenol-d6	6.88	99	4071818	151.95	ng	0.00
23) Nitrobenzene-d5	8.87	82	2663353	98.61	ng	-0.01
42) 2,4,6-Tribromophenol	15.85	330	1386725	144.13	ng	-0.01
45) 2-Fluorobiphenyl	12.97	172	4880585	97.06	ng	-0.01
79) Terphenyl-d14	19.74	244	6795240	107.31	ng	0.00
Target Compounds						
10) Phenol	6.90	94	128263	4.549	ng	86
50) Dimethylphthalate	13.82	163	274627	4.937	ng	99

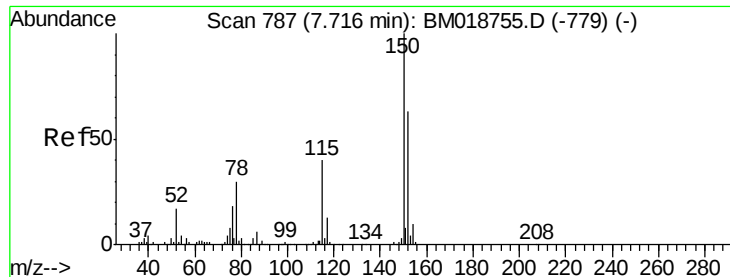
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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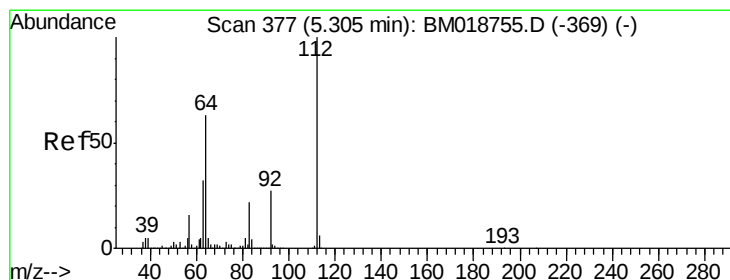
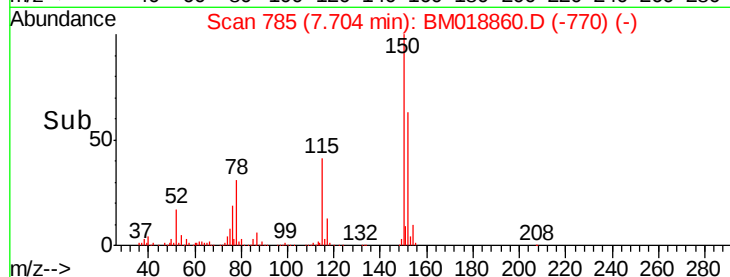
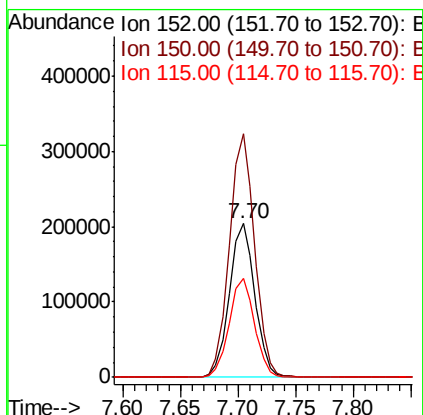
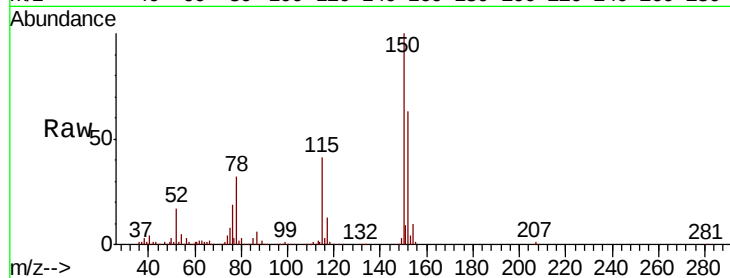


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BM018860.D
Acq: 19 Feb 2019 17:11

Instrument :
BNA_M
ClientSampleId :
TS-7

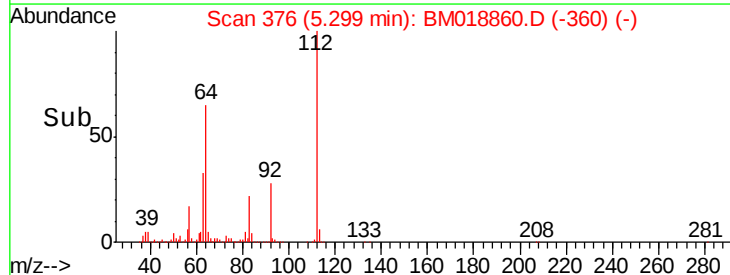
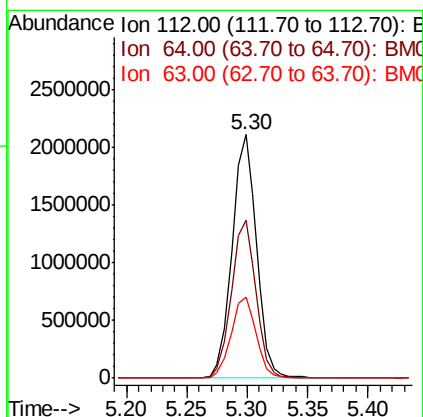
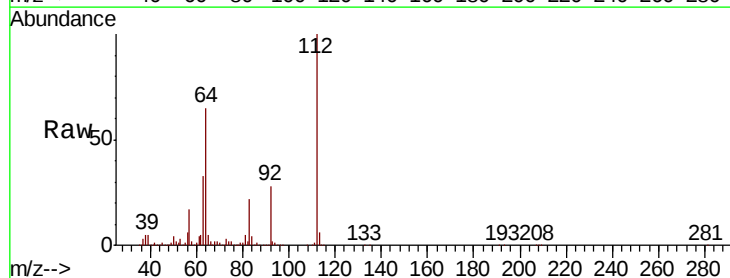
Tot Ion:152 Resp: 311671
Ion Ratio Lower Upper
152 100
150 158.3 127.3 190.9
115 64.2 50.8 76.2

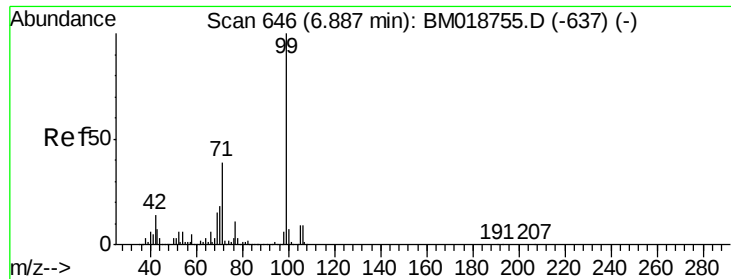


#5

2-Fluorophenol
Concen: 156.699 ng
RT: 5.30 min Scan# 376
Delta R.T. -0.01 min
Lab File: BM018860.D
Acq: 19 Feb 2019 17:11

Tgt Ion:112 Resp: 2980726
Ion Ratio Lower Upper
112 100
64 64.8 50.6 75.8
63 33.1 25.7 38.5





#7

Phenol-d6

Concen: 151.948 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM018860.D

Acq: 19 Feb 2019 17:11

Instrument :

BNA_M

ClientSampleId :

TS-7

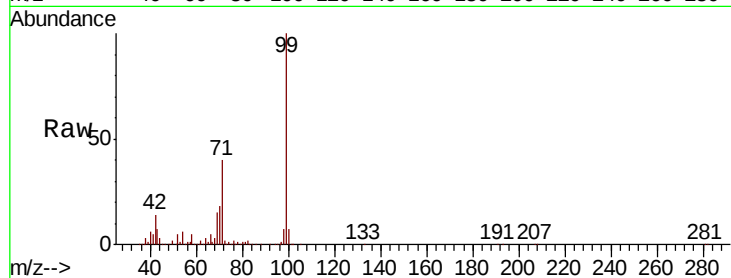
Tot Ion: 99 Resp: 4071818

Ion Ratio Lower Upper

99 100

42 14.4 11.0 16.6

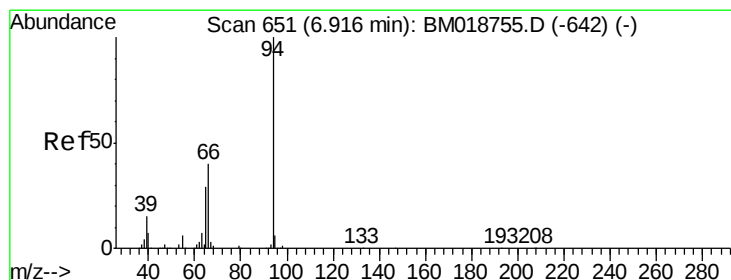
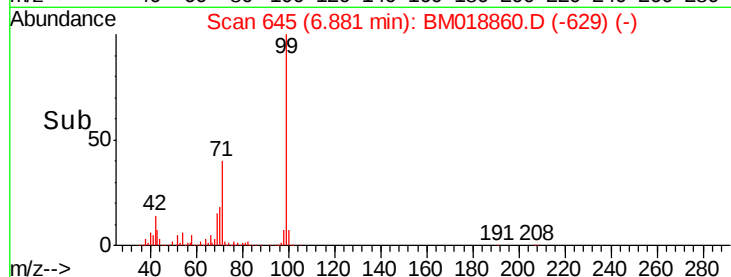
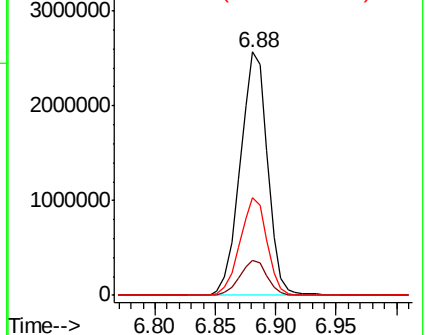
71 40.0 31.3 46.9



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: 4.549 ng

RT: 6.90 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM018860.D

Acq: 19 Feb 2019 17:11

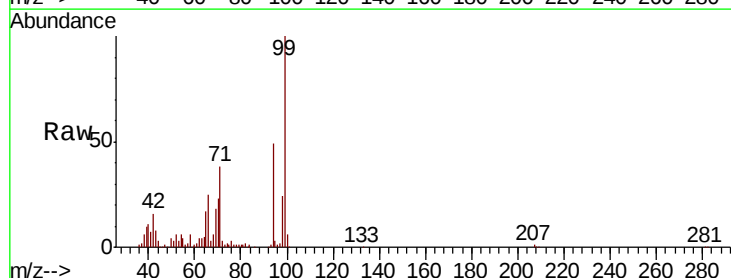
Tgt Ion: 94 Resp: 128263

Ion Ratio Lower Upper

94 100

65 33.8 9.6 49.6

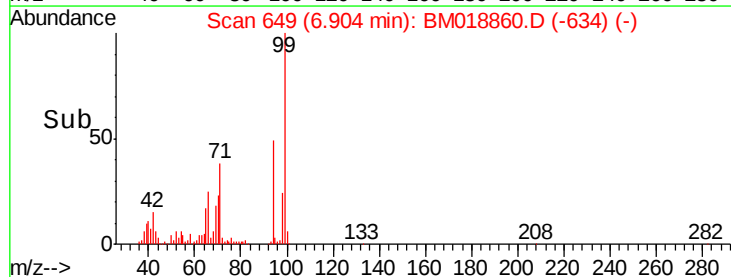
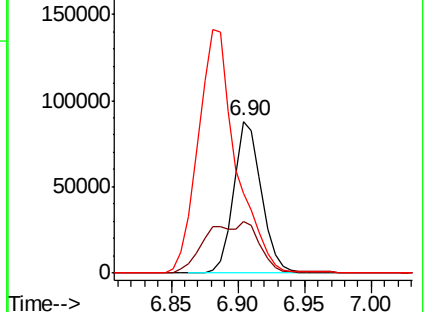
66 52.1 20.4 60.4

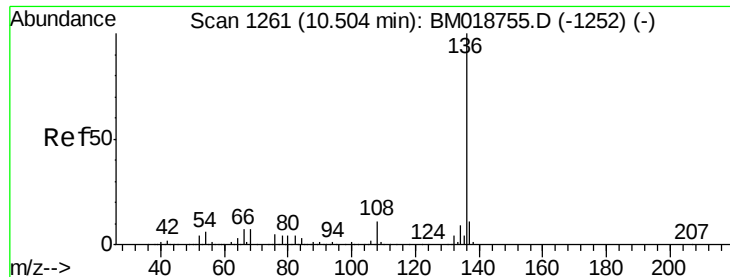


Abundance Ion 94.00 (93.70 to 94.70): BM018755.D (-642) (-)

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: 10.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BM018860.D

Acq: 19 Feb 2019 17:11

Instrument :

BNA_M

ClientSampled :

TS-7

Tot Ion:136 Resp: 1248853

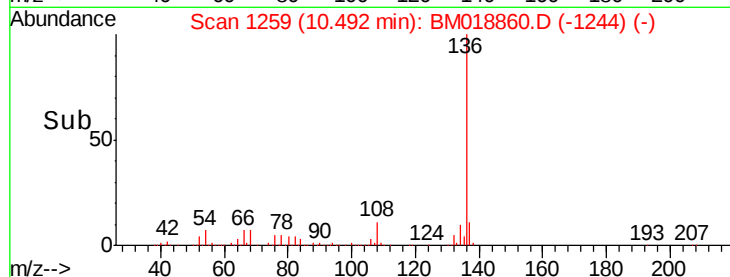
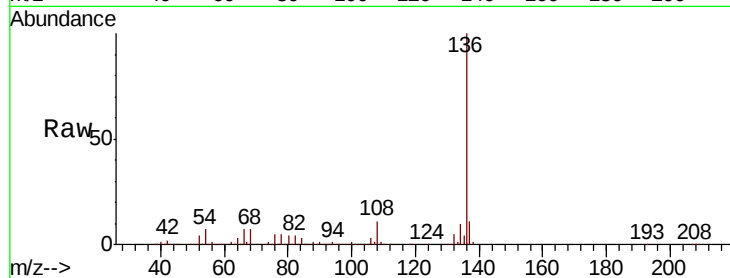
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 6.6 5.0 7.6

68 7.1 5.5 8.3

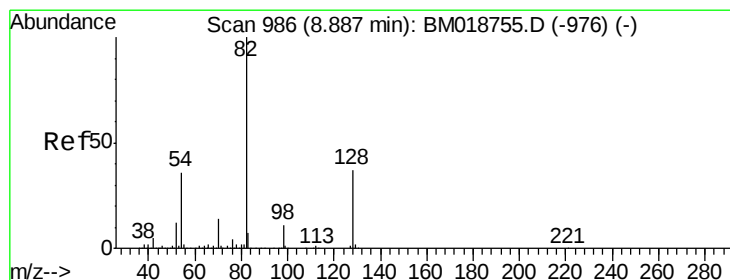
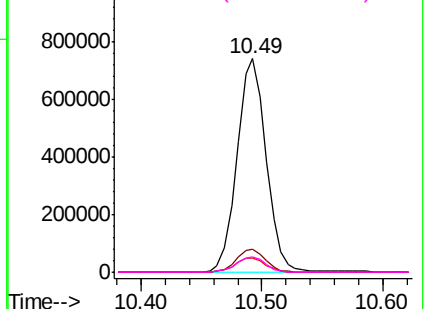


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.610 ng

RT: 8.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BM018860.D

Acq: 19 Feb 2019 17:11

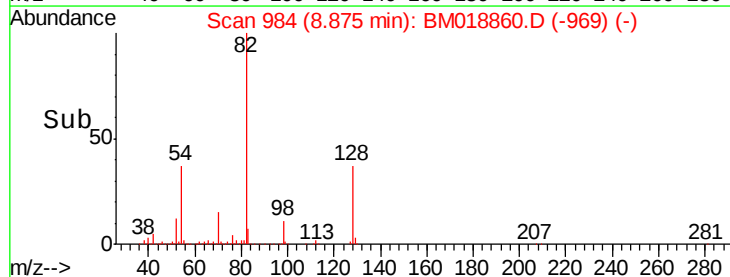
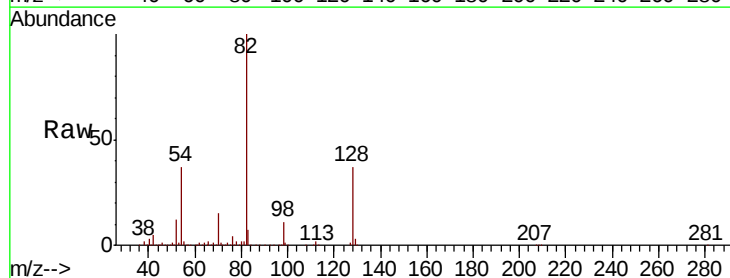
Tgt Ion: 82 Resp: 2663353

Ion Ratio Lower Upper

82 100

128 36.8 29.9 44.9

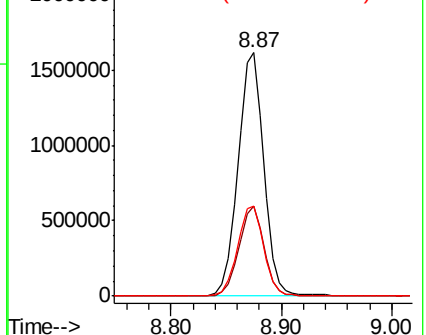
54 36.9 29.1 43.7

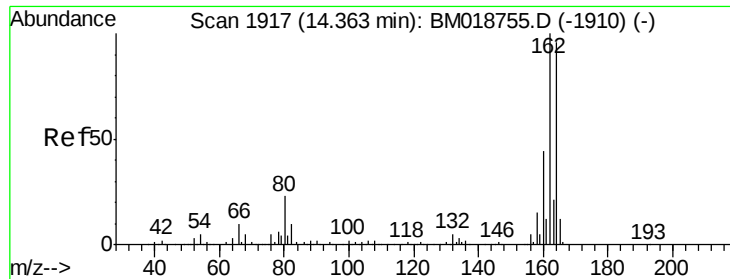


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

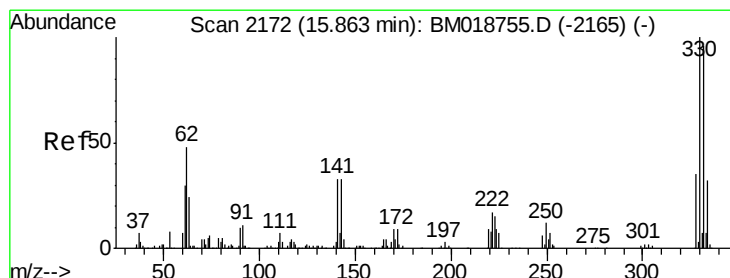
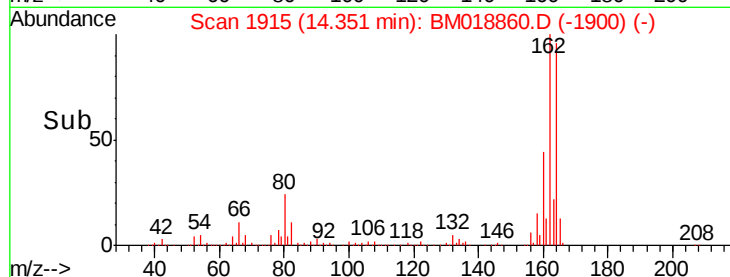
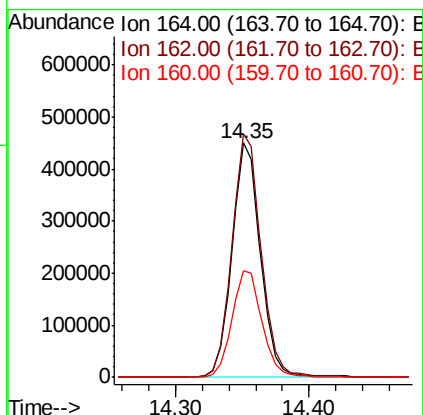
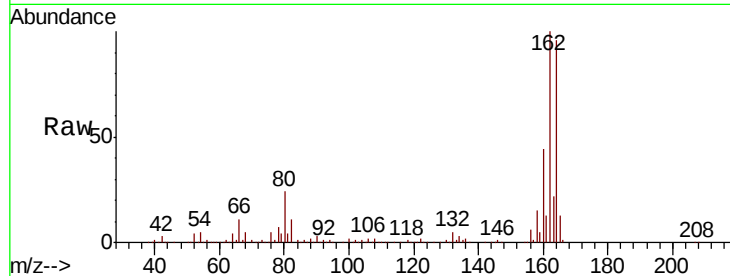




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1915
Delta R.T. -0.01 min
Lab File: BM018860.D
Acq: 19 Feb 2019 17:11

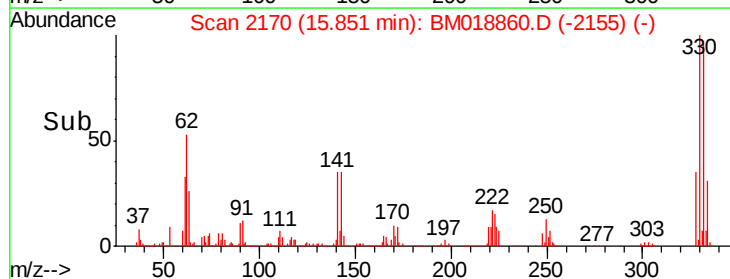
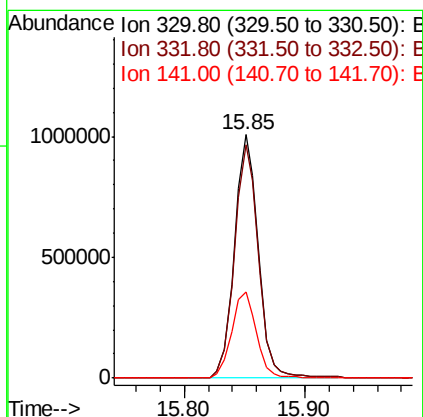
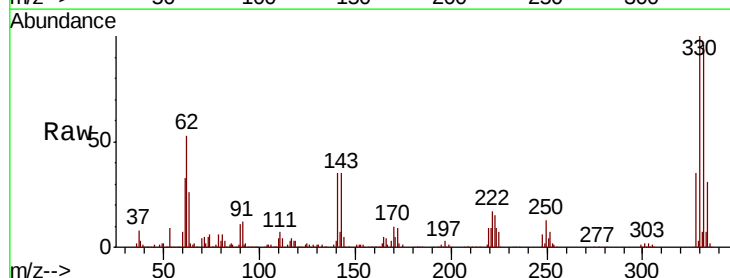
Instrument :
BNA_M
ClientSampleId :
TS-7

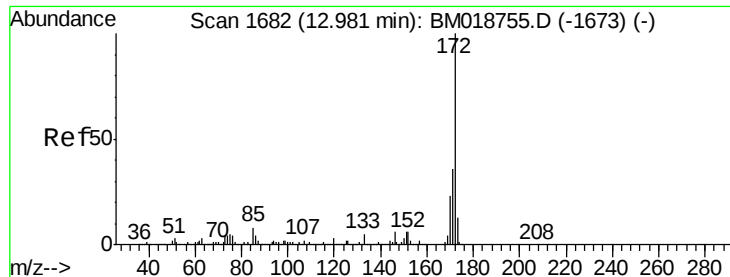
Tot Ion:164 Resp: 667483
Ion Ratio Lower Upper
164 100
162 103.9 83.4 125.0
160 45.8 36.6 55.0



#42
2,4,6-Tribromophenol
Concen: 144.126 ng
RT: 15.85 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BM018860.D
Acq: 19 Feb 2019 17:11

Tgt Ion:330 Resp: 1386725
Ion Ratio Lower Upper
330 100
332 96.4 76.9 115.3
141 37.0 28.7 43.1

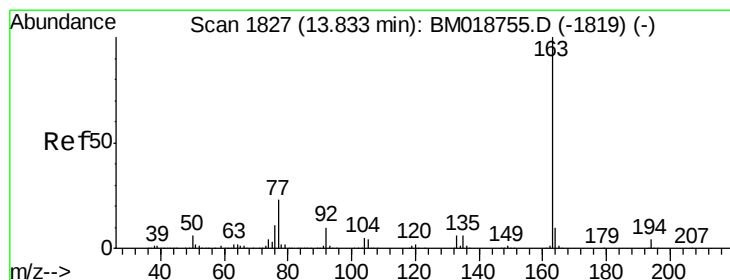
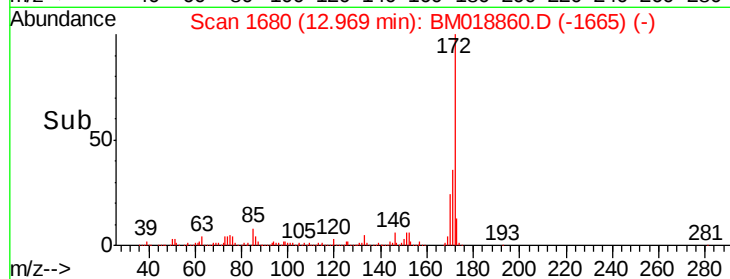
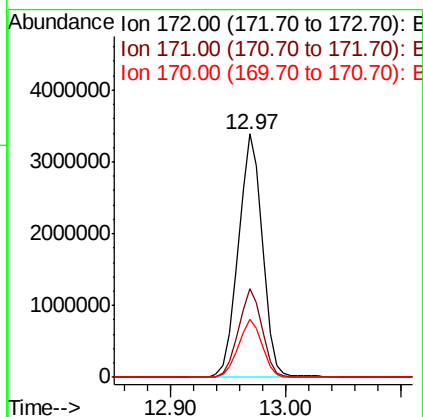
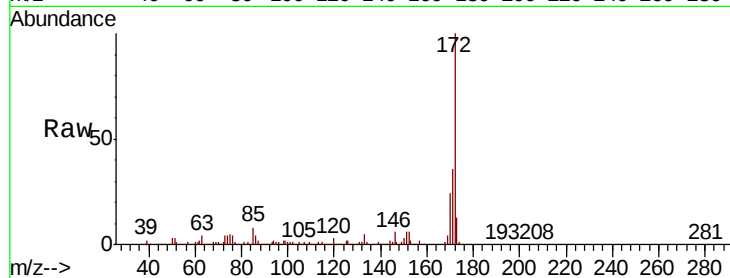




#45
2-Fluorobiphenyl
Concen: 97.064 ng
RT: 12.97 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BM018860.D
Acq: 19 Feb 2019 17:11

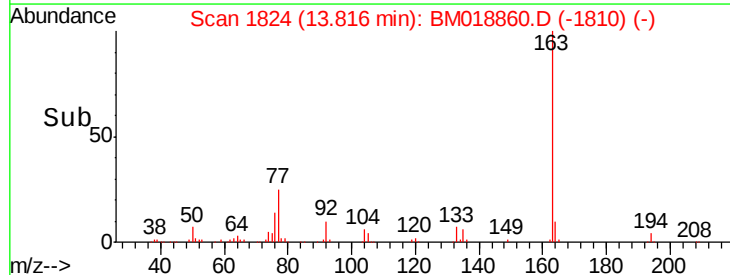
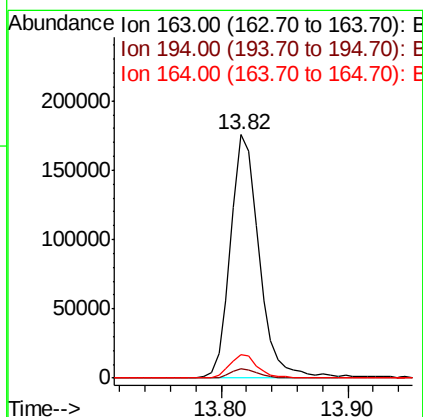
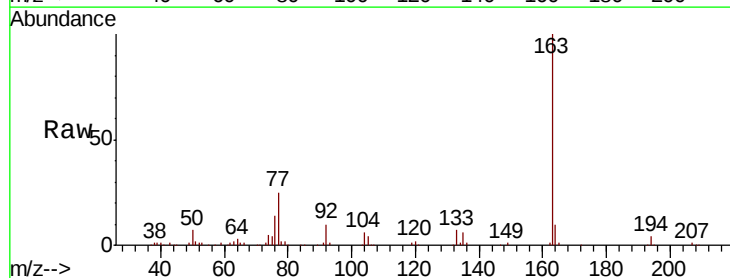
Instrument :
BNA_M
ClientSampled :
TS-7

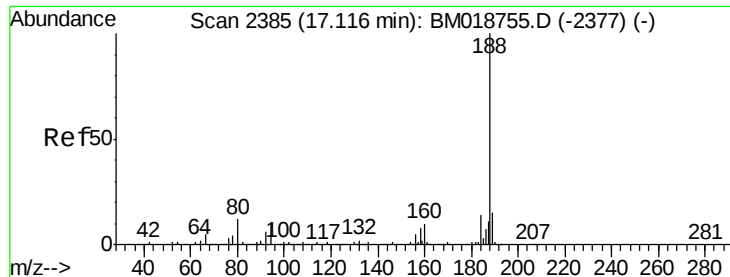
Tot Ion:172 Resp: 4880585
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.6
170 23.9 18.6 28.0



#50
Dimethylphthalate
Concen: 4.937 ng
RT: 13.82 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BM018860.D
Acq: 19 Feb 2019 17:11

Tgt Ion:163 Resp: 274627
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 9.7 7.8 11.8

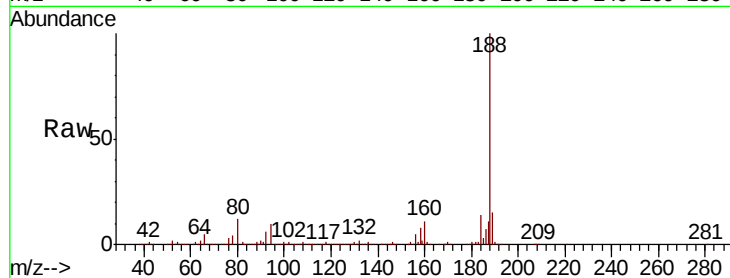




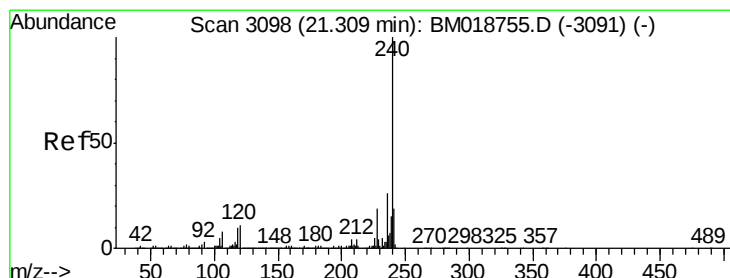
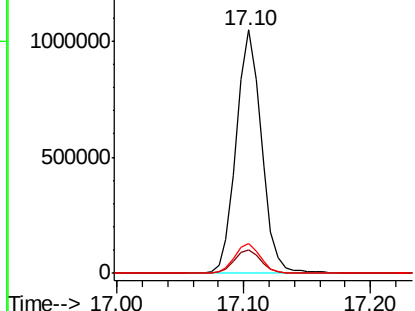
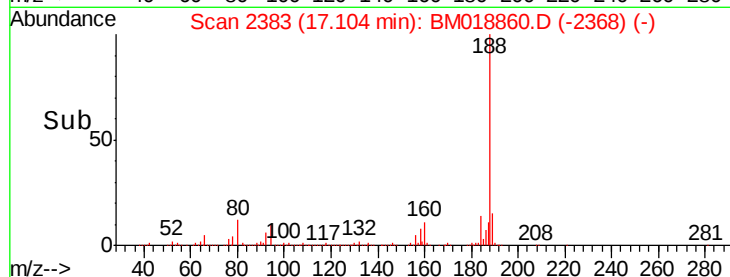
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM018860.D
Acq: 19 Feb 2019 17:11

Instrument :
BNA_M
ClientSampled :
TS-7

Tot Ion:188 Resp: 1448460
Ion Ratio Lower Upper
188 100
94 9.8 8.2 12.2
80 12.1 9.7 14.5

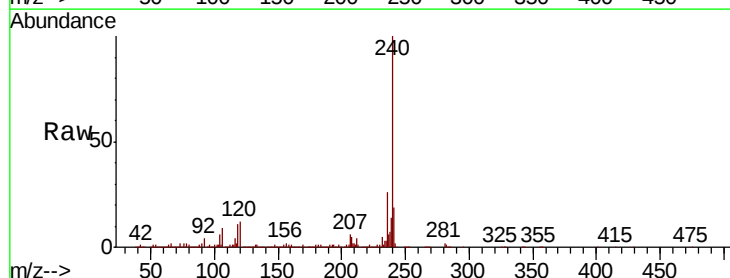


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

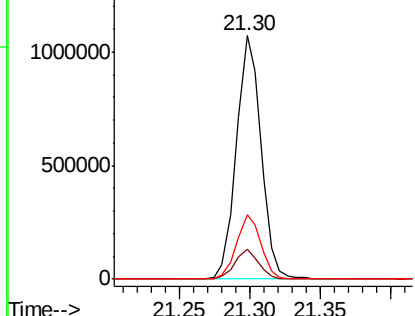
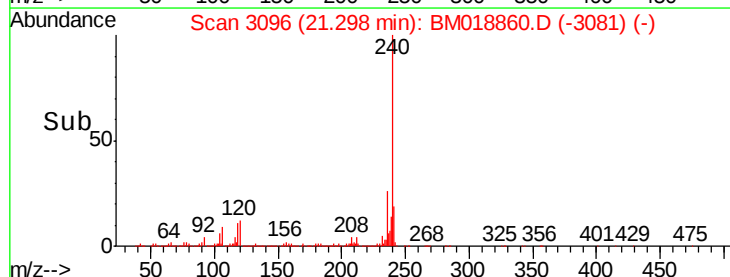


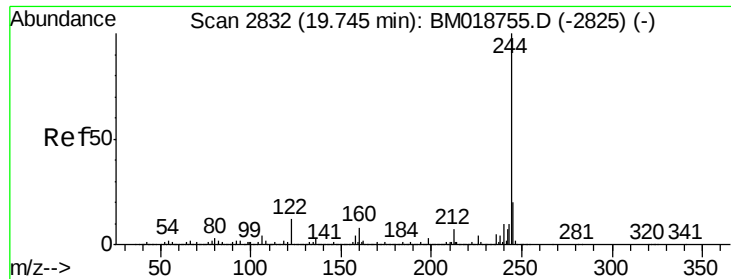
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.30 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BM018860.D
Acq: 19 Feb 2019 17:11

Tgt Ion:240 Resp: 1306262
Ion Ratio Lower Upper
240 100
120 12.1 8.9 13.3
236 26.3 20.9 31.3



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

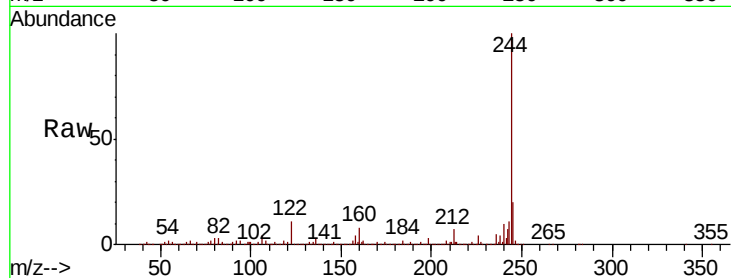




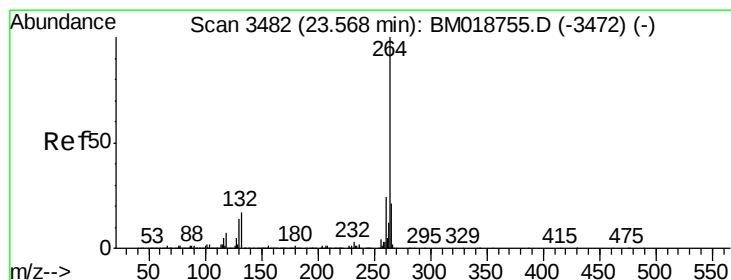
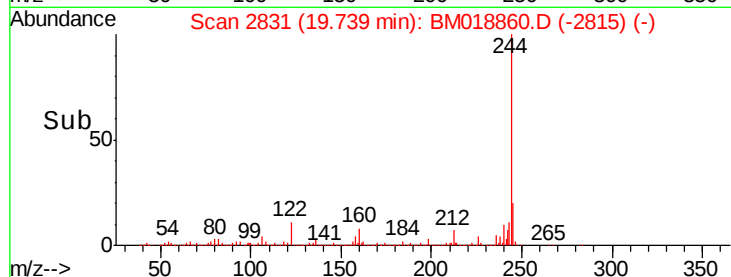
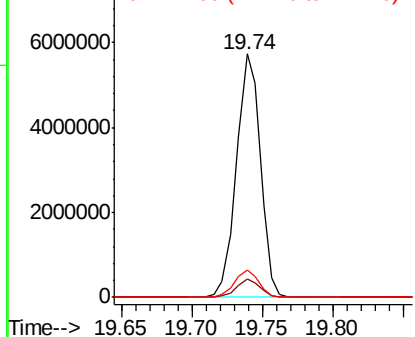
#79
 Terphenyl-d14
 Concen: 107.313 ng
 RT: 19.74 min Scan# 2831
 Delta R.T. -0.01 min
 Lab File: BM018860.D
 Acq: 19 Feb 2019 17:11

Instrument :
 BNA_M
 ClientSampleId :
 TS-7

Tot Ion:244 Resp: 6795240
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 11.3 9.3 13.9

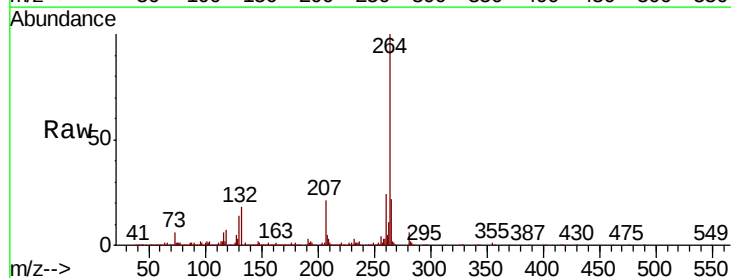


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.55 min Scan# 3479
 Delta R.T. -0.02 min
 Lab File: BM018860.D
 Acq: 19 Feb 2019 17:11

Tgt Ion:264 Resp: 1183827
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.9 28.3
 265 22.1 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

