

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
 Data File : BM018386.D
 Acq On : 22 Dec 2018 16:47
 Operator : JU/SJ
 Sample : J6503-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-GROUNDWATER-1-1

Quant Time: Dec 24 06:24:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

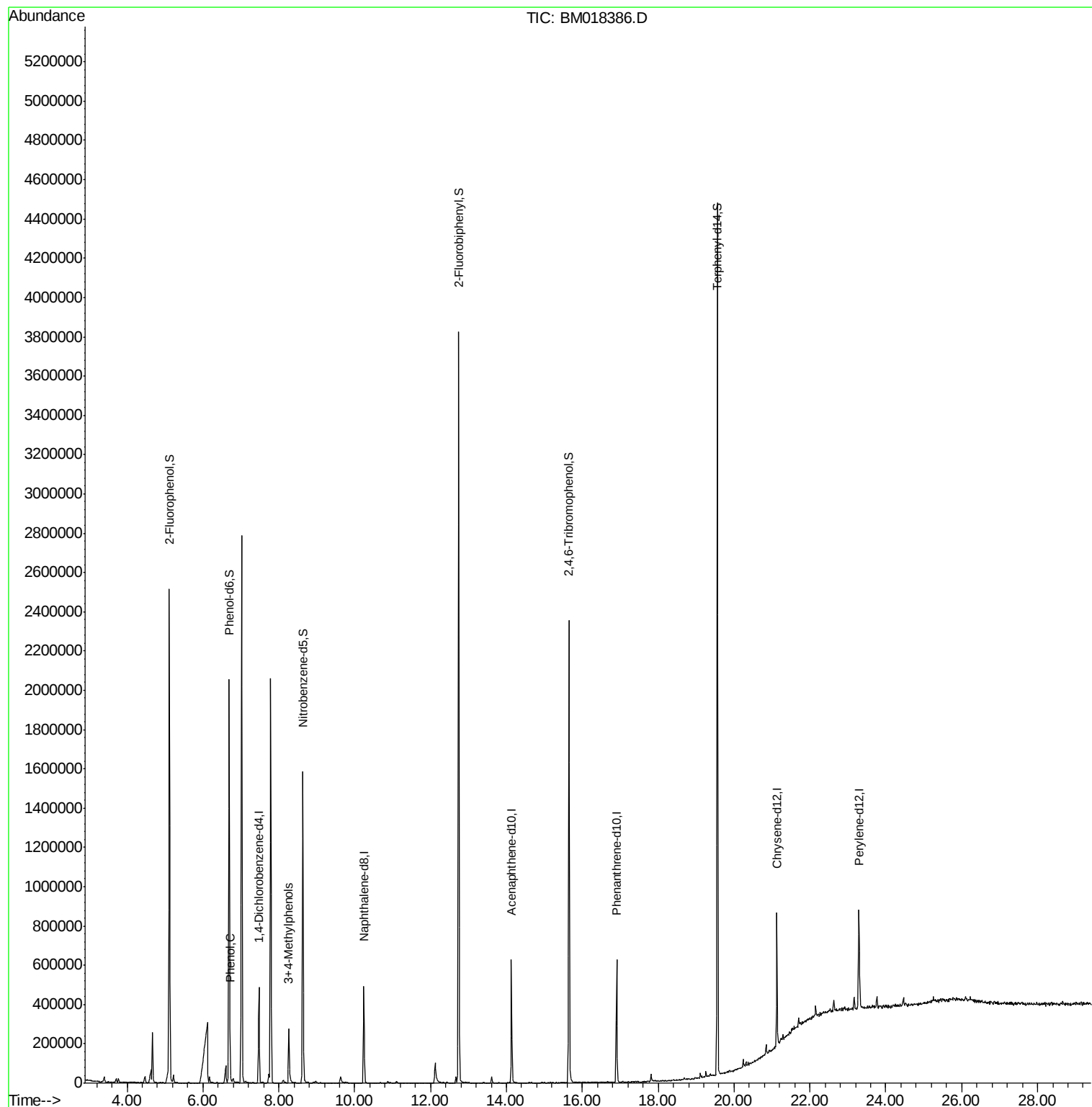
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	99923	20.00	ng	-0.03
21) Naphthalene-d8	10.24	136	374532	20.00	ng	-0.03
39) Acenaphthene-d10	14.13	164	195163	20.00	ng	-0.03
64) Phenanthrene-d10	16.90	188	353966	20.00	ng	-0.02
76) Chrysene-d12	21.13	240	320359	20.00	ng	-0.02
87) Perylene-d12	23.29	264	361412	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	895175	149.65	ng	-0.01
7) Phenol-d6	6.69	99	1055473	126.95	ng	-0.01
23) Nitrobenzene-d5	8.63	82	933492	127.85	ng	-0.03
42) 2,4,6-Tribromophenol	15.65	330	387034	135.12	ng	-0.02
45) 2-Fluorobiphenyl	12.74	172	1784322	118.42	ng	-0.03
79) Terphenyl-d14	19.56	244	1927906	136.11	ng	-0.02
Target Compounds						
10) Phenol	6.72	94	18010	2.045	ng	81
20) 3+4-Methylphenols	8.26	107	133068	16.153	ng	91

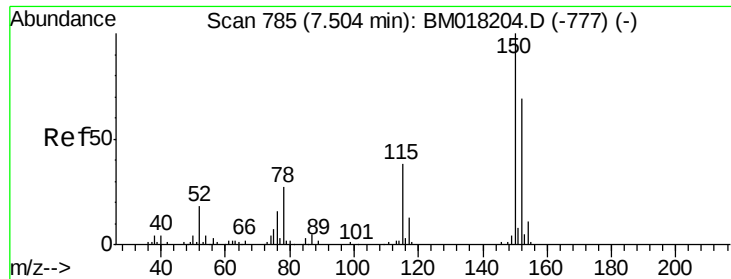
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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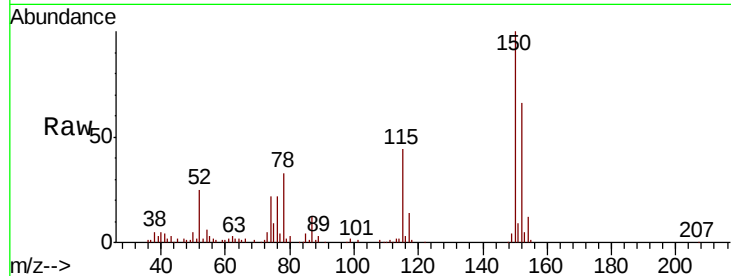


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.47 min Scan# 780
Delta R.T. -0.03 min
Lab File: BM018386.D
Acq: 22 Dec 2018 16:47

Instrument :
BNA_M
ClientSampleId :
TP-GROUNDWATER-1-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	116.1	174.1
115	66.3	44.6	67.0

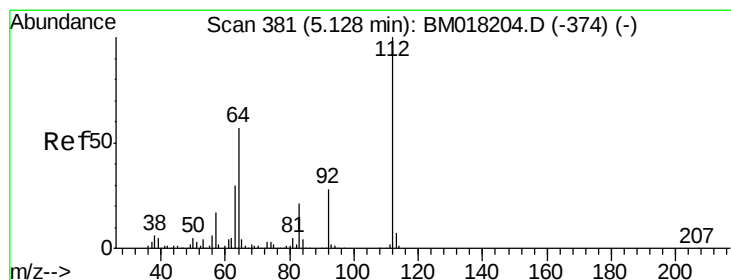
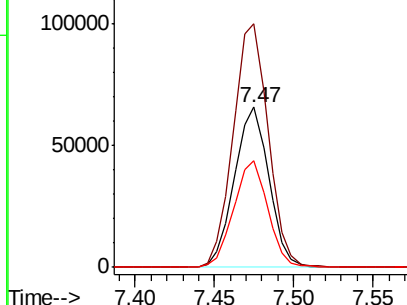
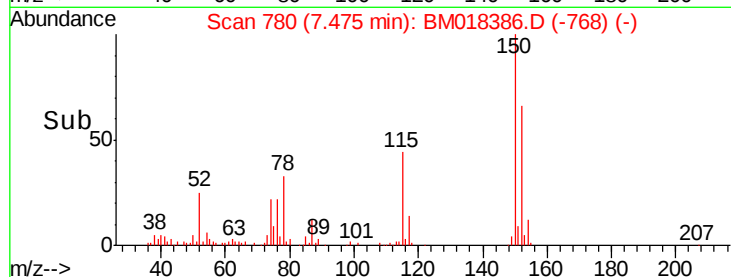


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

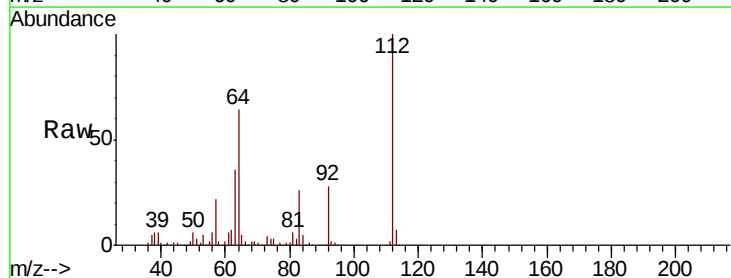
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 149.653 ng
RT: 5.12 min Scan# 379
Delta R.T. -0.01 min
Lab File: BM018386.D
Acq: 22 Dec 2018 16:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.7	45.4	68.2
63	35.9	24.0	36.0

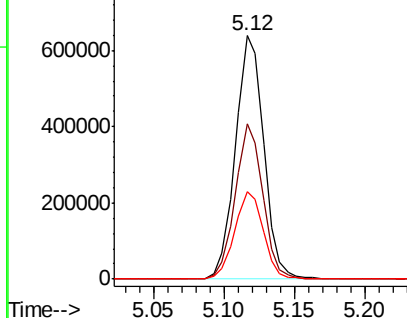
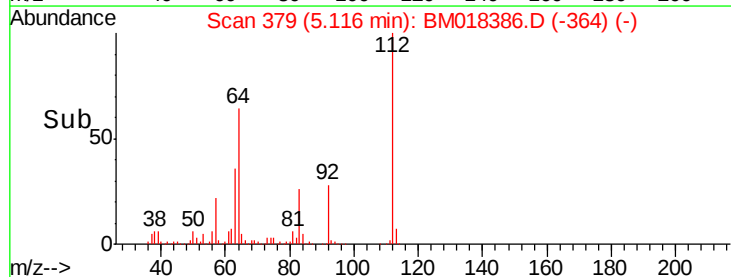


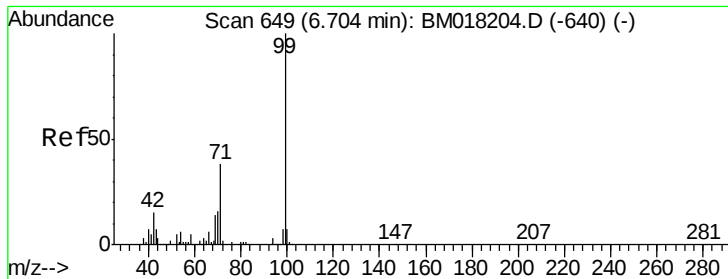
Abundance

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: 126.950 ng

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM018386.D

Acq: 22 Dec 2018 16:47

Instrument :

BNA_M

ClientSampleId :

TP-GROUNDWATER-1-1

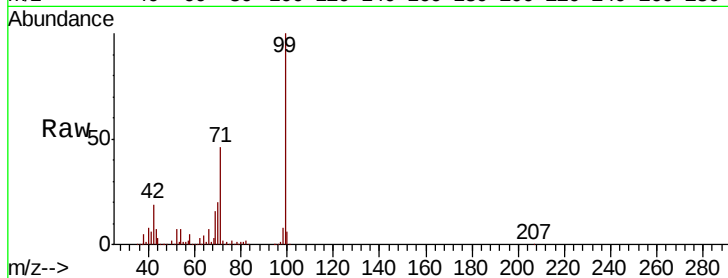
Tot Ion: 99 Resp: 1055473

Ion Ratio Lower Upper

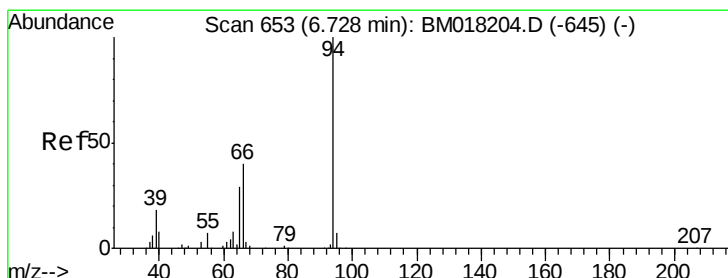
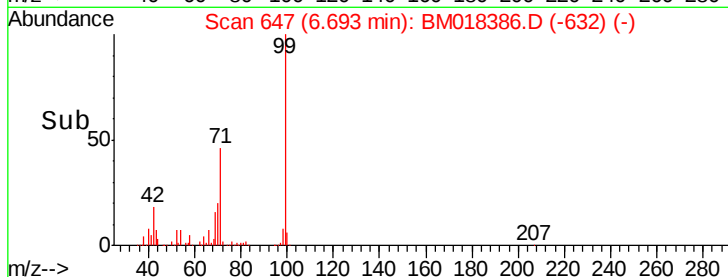
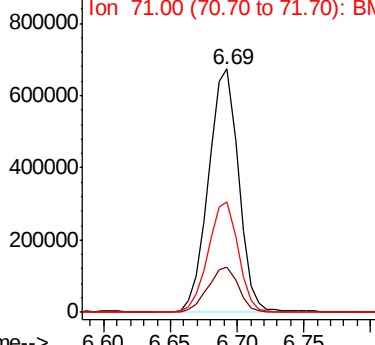
99 100

42 18.7 12.3 18.5#

71 45.6 30.2 45.2#



Abundance Ion 99.00 (98.70 to 99.70): BM018386.D (-632) (-)



#10

Phenol

Concen: 2.045 ng

RT: 6.72 min Scan# 651

Delta R.T. -0.01 min

Lab File: BM018386.D

Acq: 22 Dec 2018 16:47

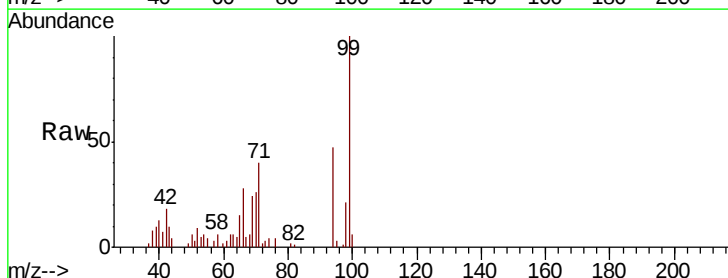
Tgt Ion: 94 Resp: 18010

Ion Ratio Lower Upper

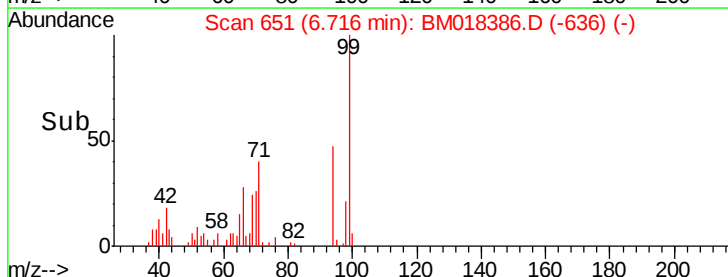
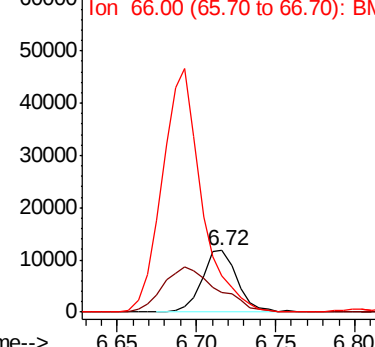
94 100

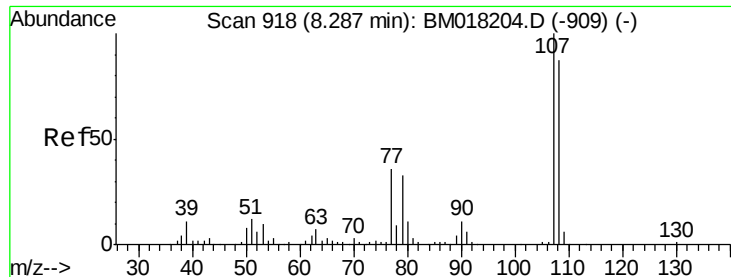
65 32.2 9.5 49.5

66 59.0 21.3 61.3



Abundance Ion 94.00 (93.70 to 94.70): BM018386.D (-636) (-)





#20

3+4-Methylphenols

Concen: 16.153 ng

RT: 8.26 min Scan# 914

Delta R.T. -0.02 min

Lab File: BM018386.D

Acq: 22 Dec 2018 16:47

Instrument :

BNA_M

ClientSampleId :

TP-GROUNDWATER-1-1

Tot Ion:107 Resp: 133068

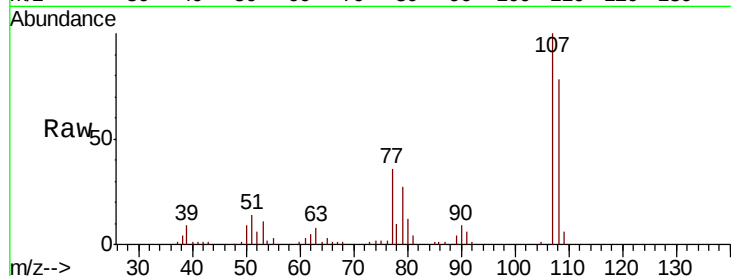
Ion Ratio Lower Upper

107 100

108 77.8 67.4 107.4

77 36.3 15.7 55.7

79 26.7 13.3 53.3

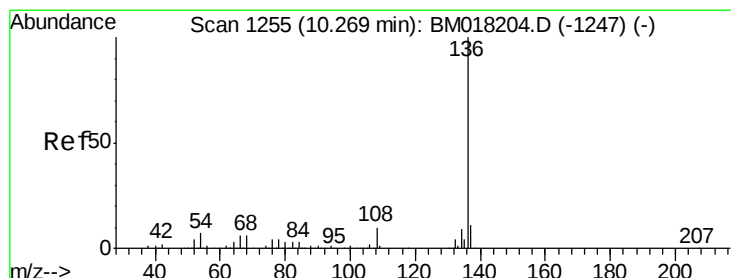
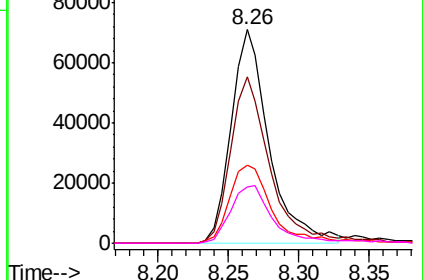
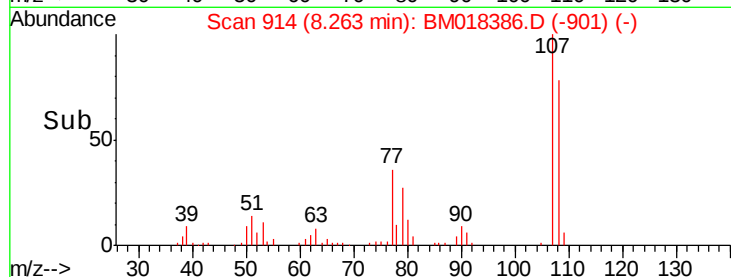


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.24 min Scan# 1250

Delta R.T. -0.03 min

Lab File: BM018386.D

Acq: 22 Dec 2018 16:47

Tgt Ion:136 Resp: 374532

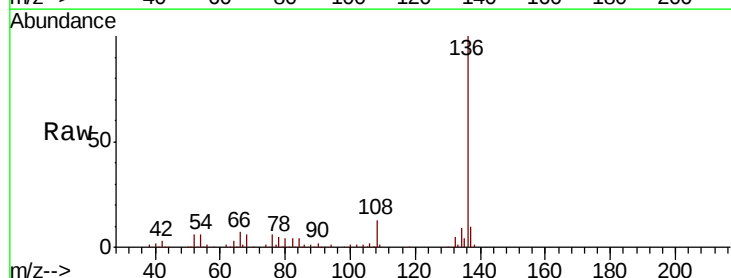
Ion Ratio Lower Upper

136 100

137 10.1 9.2 13.8

54 6.2 5.2 7.8

68 6.1 5.0 7.6

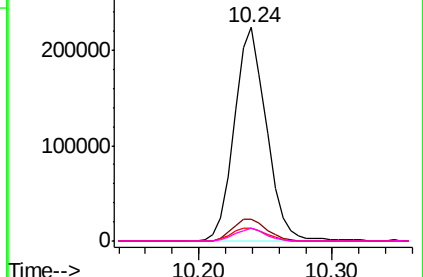
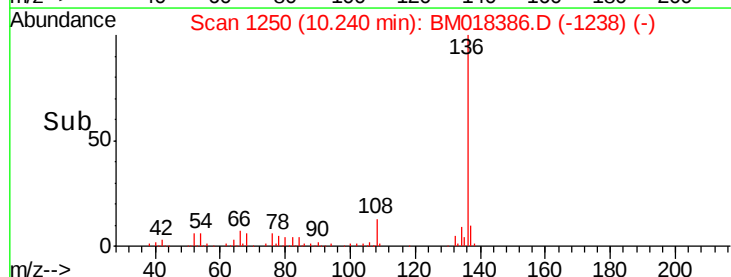


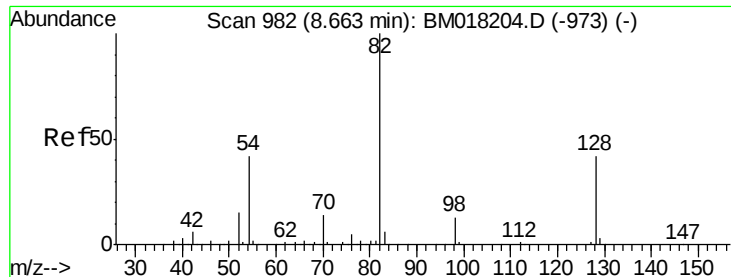
Abundance Ion 136.00 (135.70 to 136.70): E

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

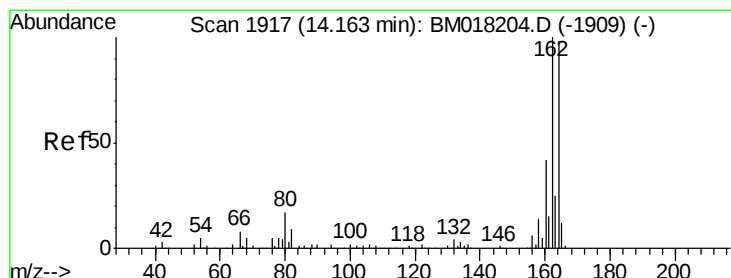
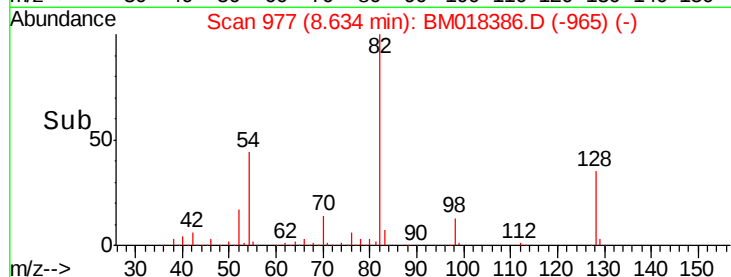
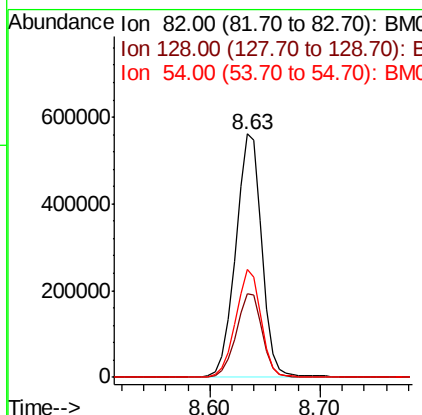
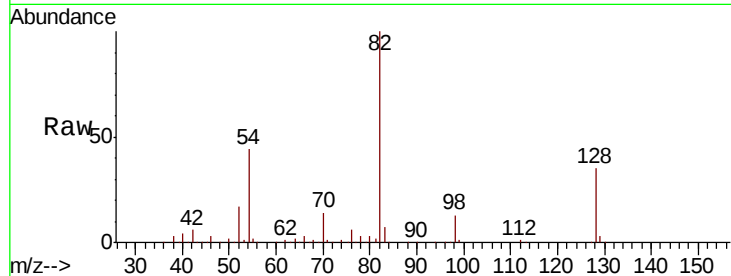




#23
Nitrobenzene-d5
Concen: 127.845 ng
RT: 8.63 min Scan# 977
Delta R.T. -0.03 min
Lab File: BM018386.D
Acq: 22 Dec 2018 16:47

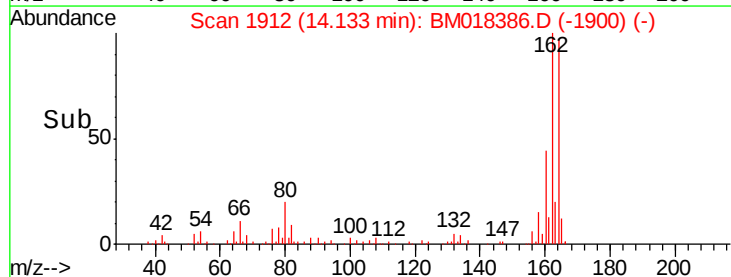
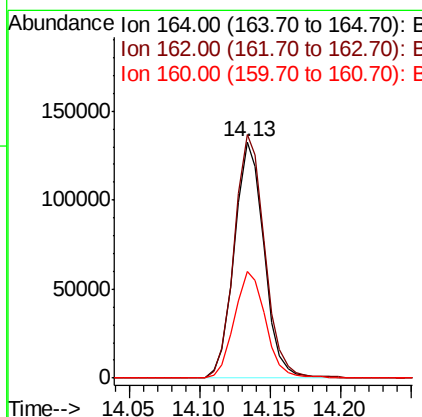
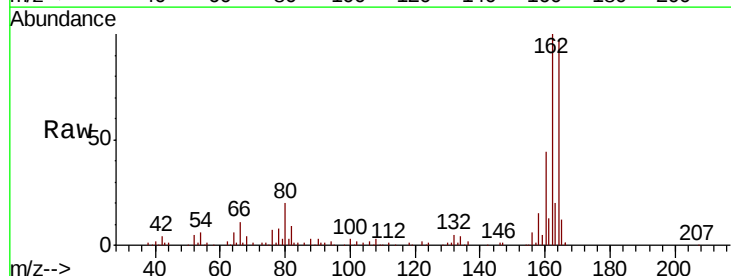
Instrument :
BNA_M
ClientSampleId :
TP-GROUNDWATER-1-1

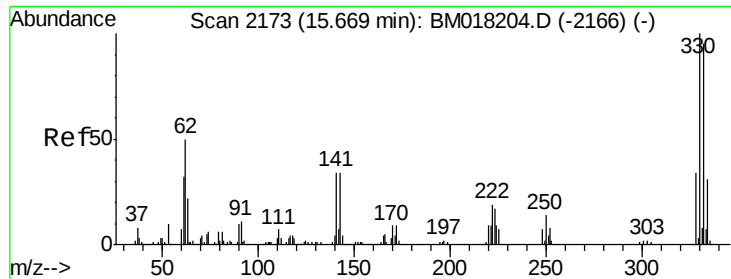
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.5	33.4	50.2
54	44.2	33.4	50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.13 min Scan# 1912
Delta R.T. -0.03 min
Lab File: BM018386.D
Acq: 22 Dec 2018 16:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.8	122.6
160	44.9	34.6	51.8

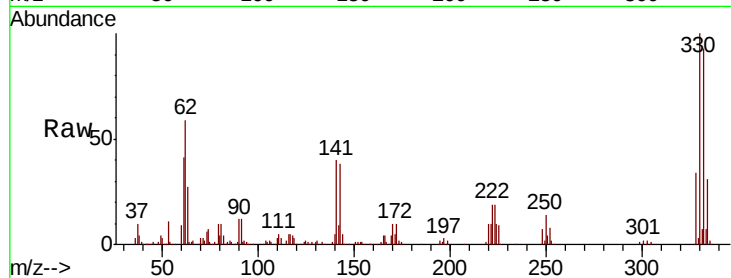




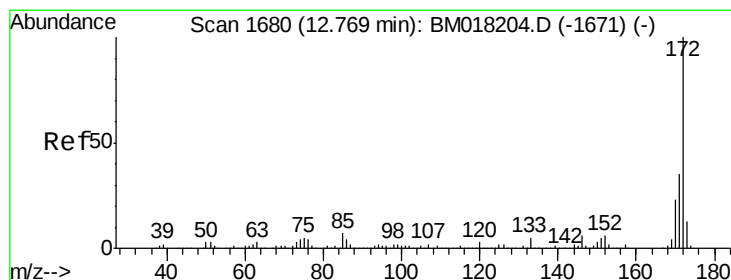
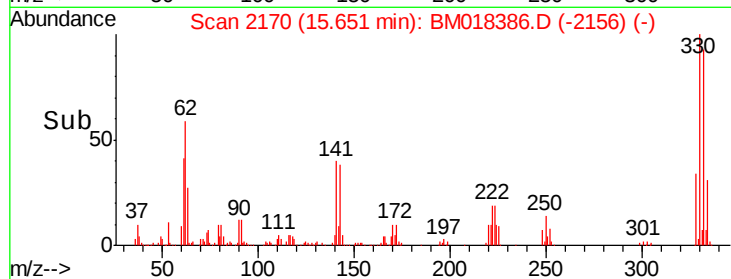
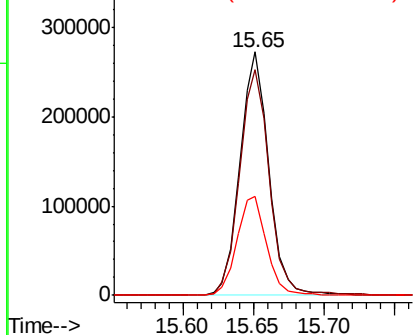
#42
 2,4,6-Tribromophenol
 Concen: 135.116 ng
 RT: 15.65 min Scan# 2170
 Delta R.T. -0.02 min
 Lab File: BM018386.D
 Acq: 22 Dec 2018 16:47

Instrument :
 BNA_M
 ClientSampleId :
 TP-GROUNDWATER-1-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.6	118.0
141	42.0	27.1	40.7#

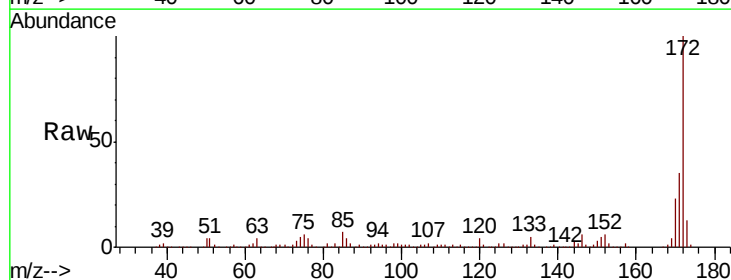


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

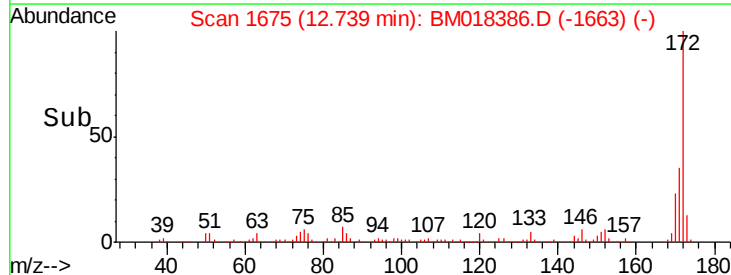
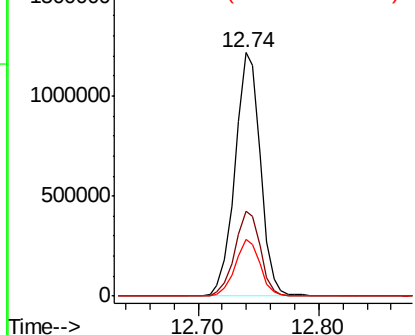


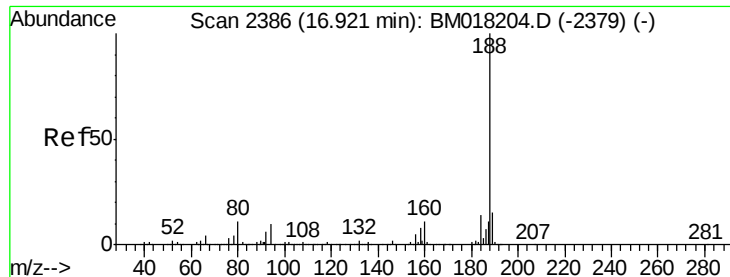
#45
 2-Fluorobiphenyl
 Concen: 118.420 ng
 RT: 12.74 min Scan# 1675
 Delta R.T. -0.03 min
 Lab File: BM018386.D
 Acq: 22 Dec 2018 16:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.3	42.5
170	23.3	18.1	27.1



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

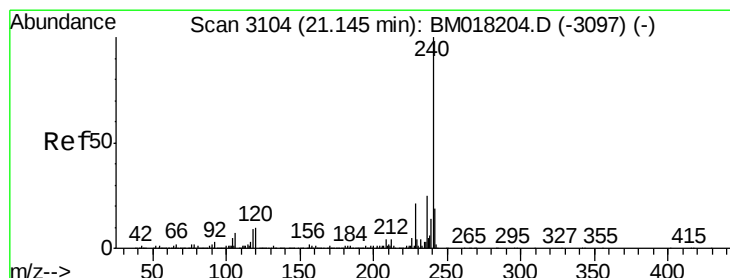
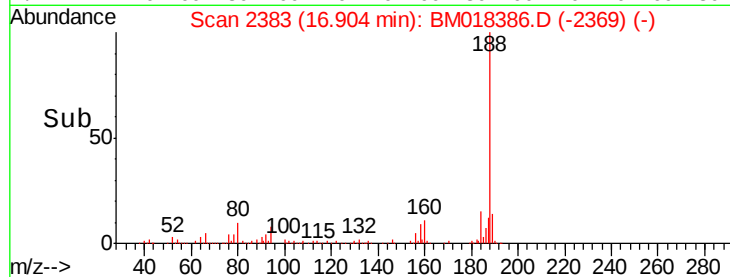
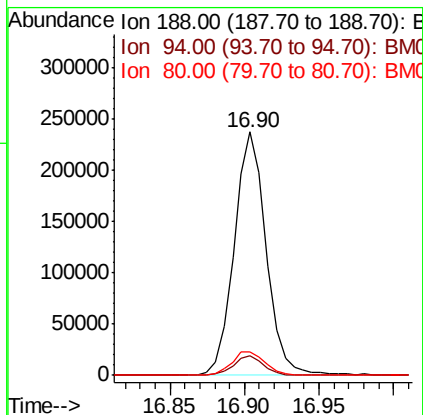
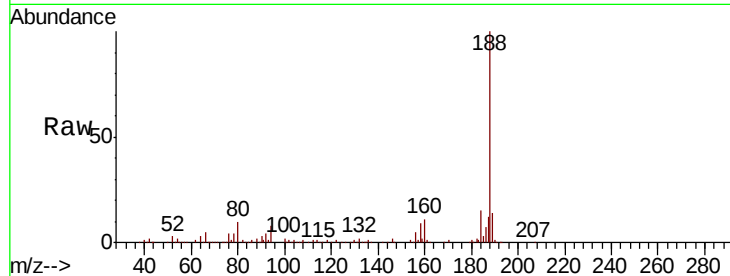




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.90 min Scan# 2383
Delta R.T. -0.02 min
Lab File: BM018386.D
Acq: 22 Dec 2018 16:47

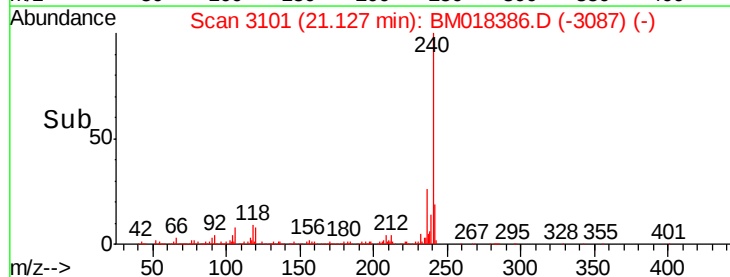
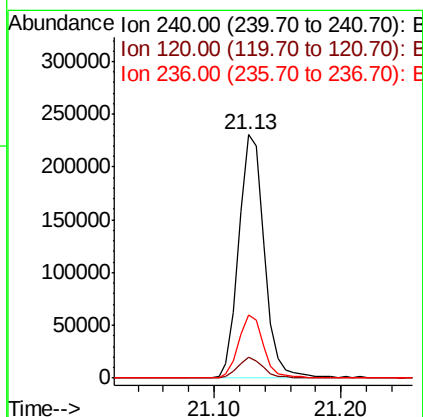
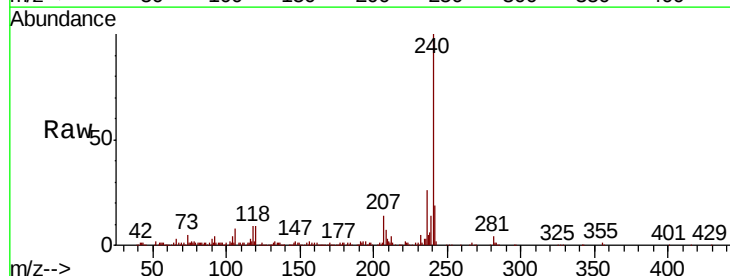
Instrument :
BNA_M
ClientSampleId :
TP-GROUNDWATER-1-1

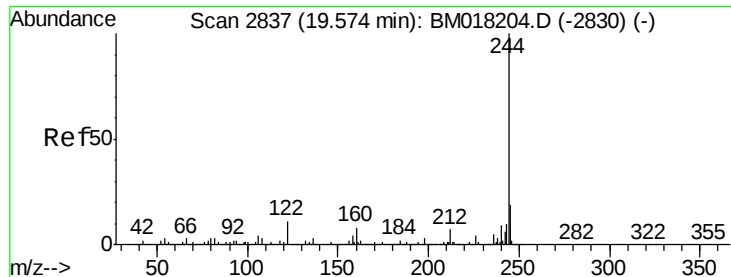
Tot Ion:188 Resp: 353966
Ion Ratio Lower Upper
188 100
94 8.0 8.0 12.0
80 9.9 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BM018386.D
Acq: 22 Dec 2018 16:47

Tgt Ion:240 Resp: 320359
Ion Ratio Lower Upper
240 100
120 8.6 8.2 12.2
236 25.8 20.3 30.5





#79

Terphenyl-d14

Concen: 136.105 ng

RT: 19.56 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BM018386.D

Acq: 22 Dec 2018 16:47

Instrument :

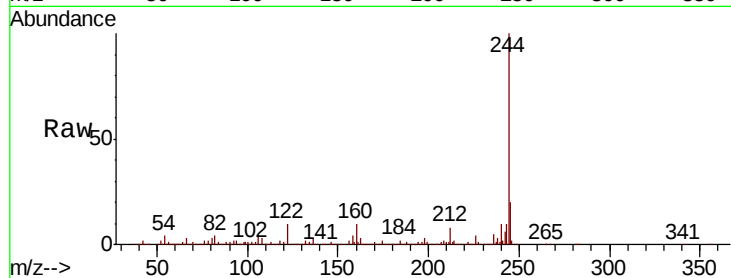
BNA_M

ClientSampleId :

TP-GROUNDWATER-1-1

Tot Ion:244 Resp: 1927906

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	10.1	9.0	13.6

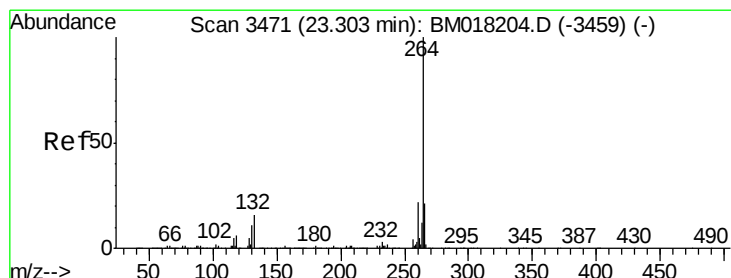
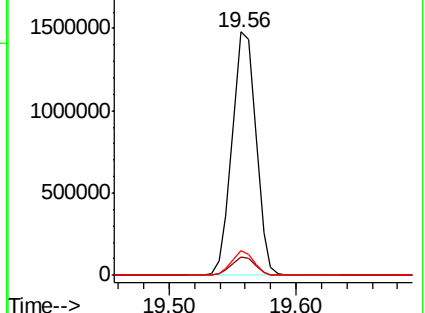
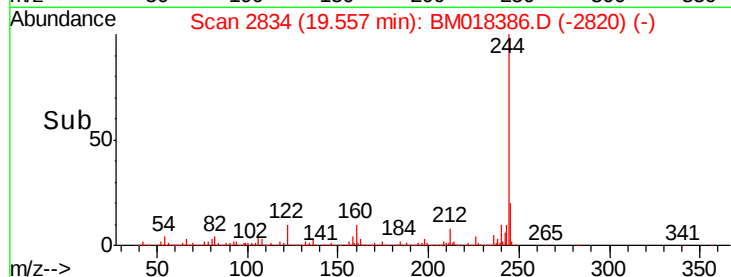


Abundance

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: 23.29 min Scan# 3469

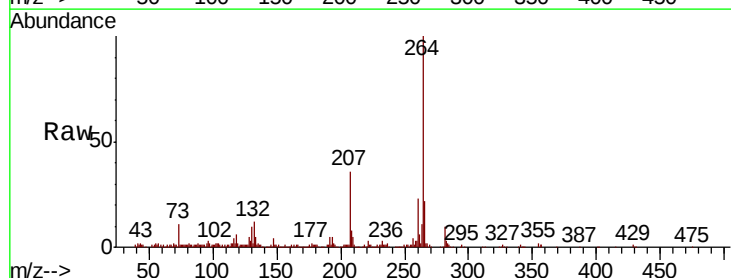
Delta R.T. -0.01 min

Lab File: BM018386.D

Acq: 22 Dec 2018 16:47

Tgt Ion:264 Resp: 361412

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.5	26.3
265	21.5	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

