

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121818\
 Data File : BM018272.D
 Acq On : 18 Dec 2018 15:46
 Operator : JU/SJ
 Sample : J6440-08RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 18 16:58:48 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

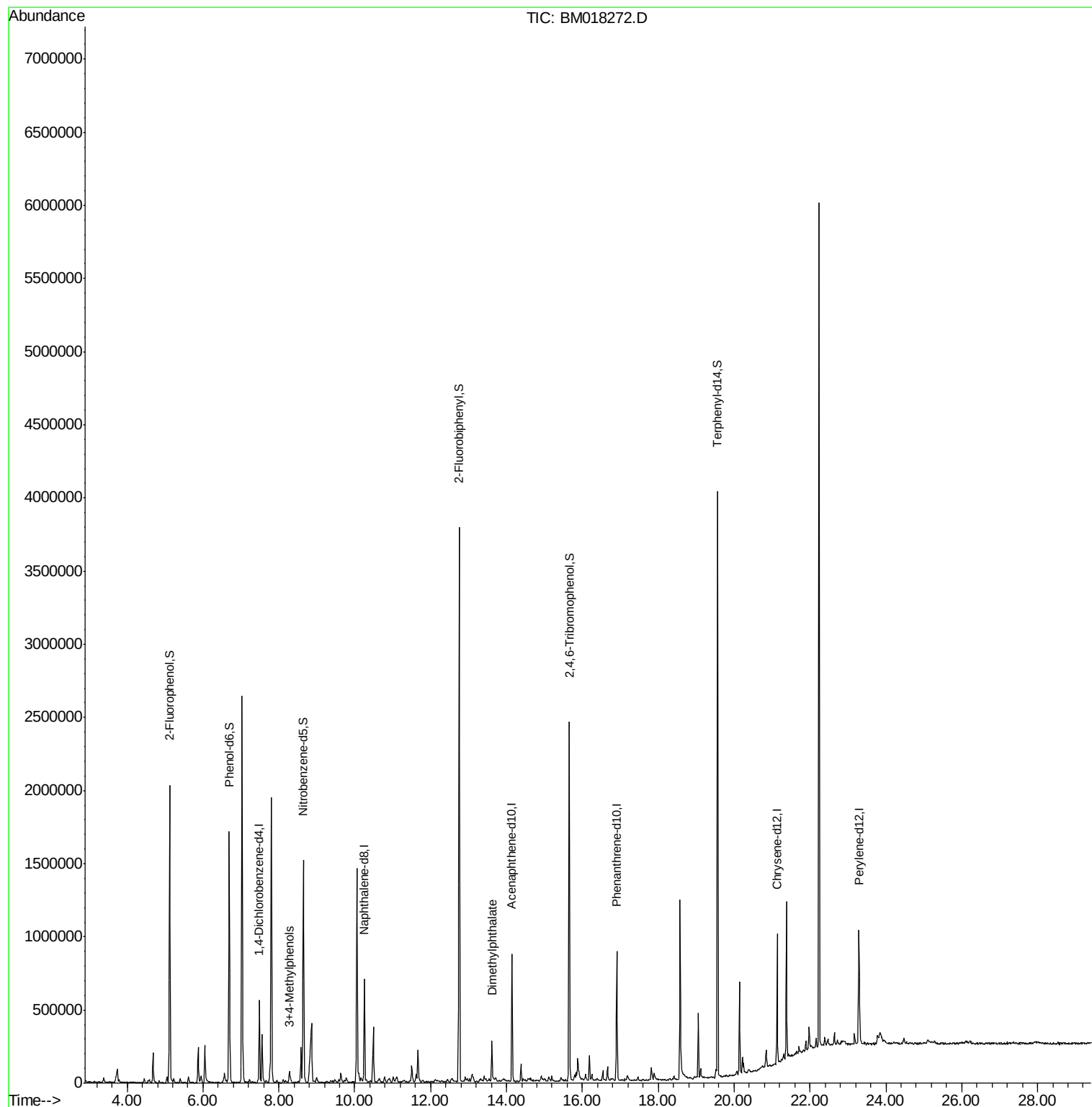
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	136247	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	516409	20.00	ng	-0.02
39) Acenaphthene-d10	14.14	164	266054	20.00	ng	-0.02
64) Phenanthrene-d10	16.91	188	486154	20.00	ng	-0.01
76) Chrysene-d12	21.13	240	421259	20.00	ng	-0.01
87) Perylene-d12	23.29	264	477377	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	787443	96.55	ng	0.00
7) Phenol-d6	6.69	99	910389	80.31	ng	-0.01
23) Nitrobenzene-d5	8.65	82	908577	90.25	ng	-0.02
42) 2,4,6-Tribromophenol	15.66	330	418208	107.10	ng	-0.01
45) 2-Fluorobiphenyl	12.75	172	1826466	88.92	ng	-0.02
79) Terphenyl-d14	19.57	244	1774961	95.29	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	8.28	107	40120	3.572	ng	91
50) Dimethylphthalate	13.62	163	170517	7.709	ng	98

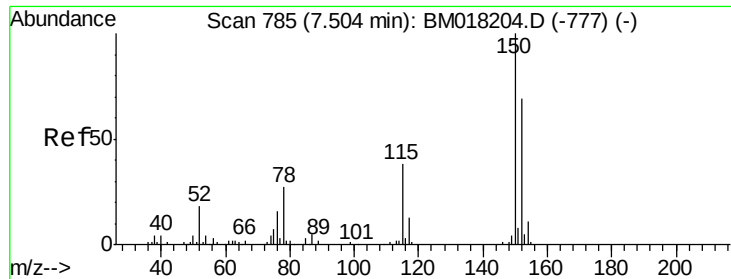
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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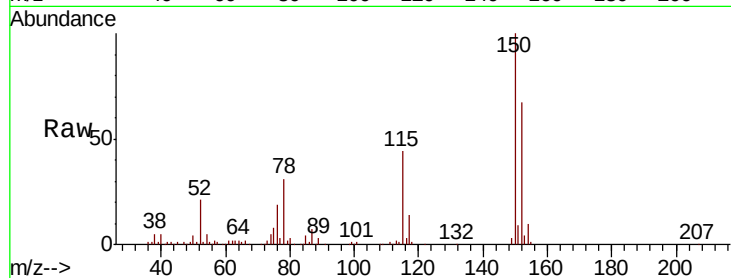


#1

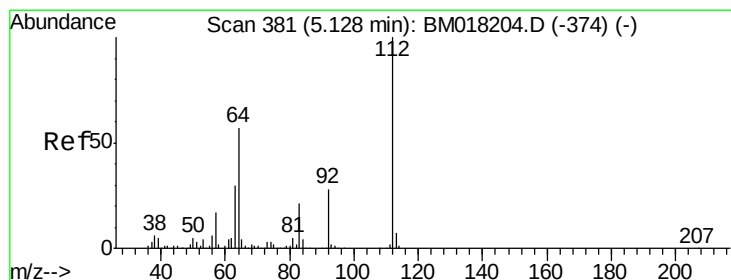
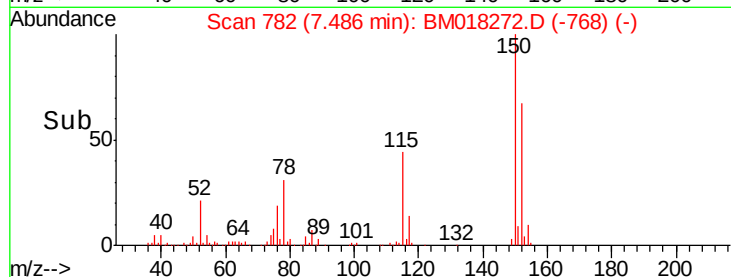
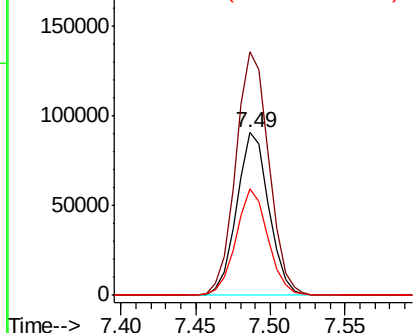
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BM018272.D
Acq: 18 Dec 2018 15:46

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.0	116.1	174.1
115	65.5	44.6	67.0



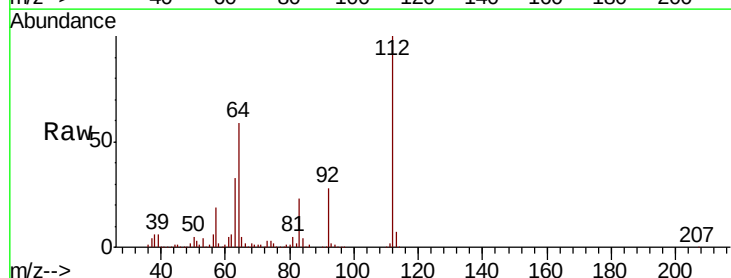
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



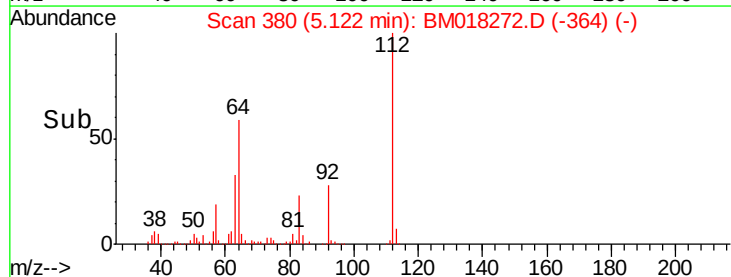
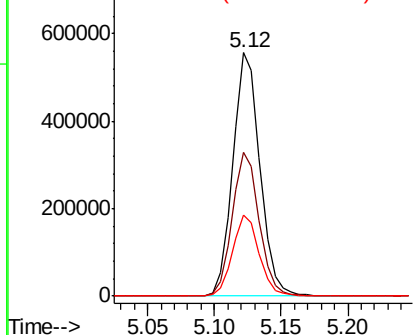
#5

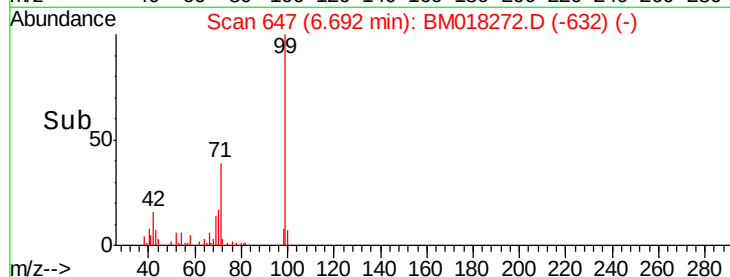
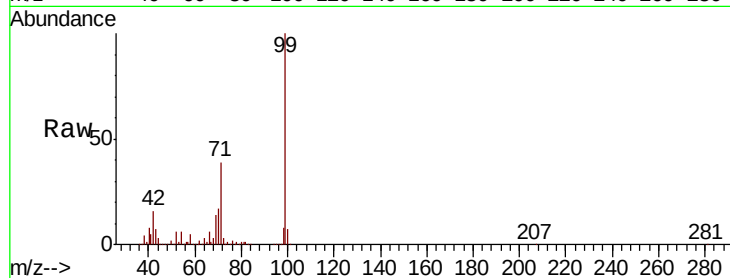
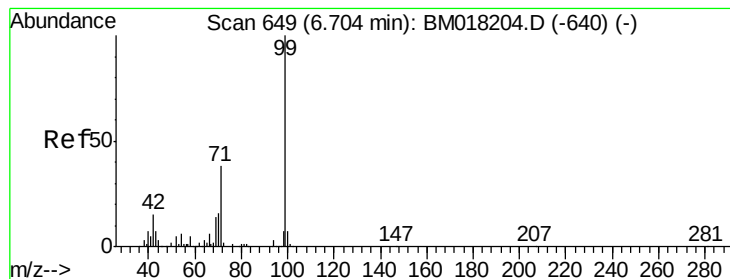
2-Fluorophenol
Concen: 96.546 ng
RT: 5.12 min Scan# 380
Delta R.T. -0.01 min
Lab File: BM018272.D
Acq: 18 Dec 2018 15:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	45.4	68.2
63	33.1	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: 80.307 ng

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM018272.D

Acq: 18 Dec 2018 15:46

Instrument :

BNA_M

ClientSampleId :

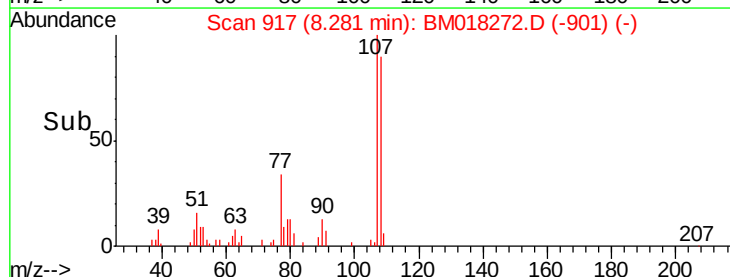
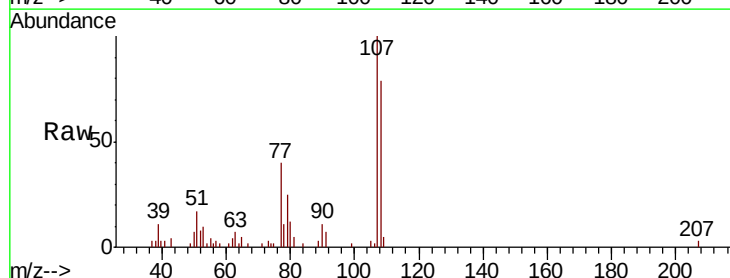
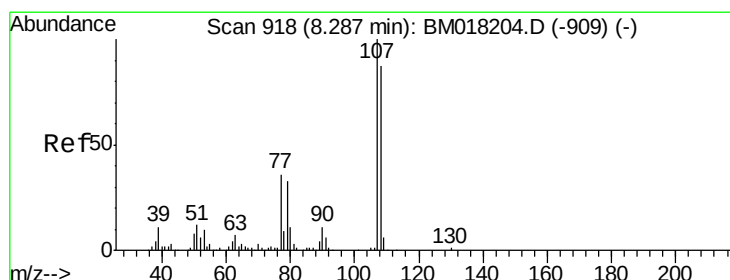
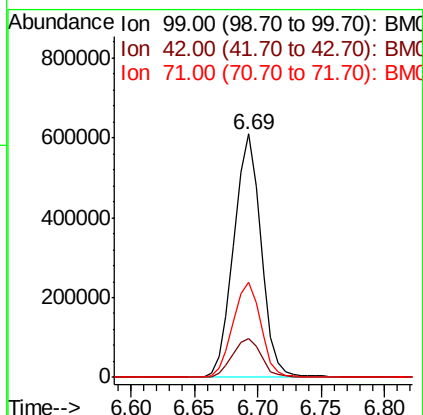
Tot Ion: 99 Resp: 910389

Ion Ratio Lower Upper

99 100

42 16.0 12.3 18.5

71 39.1 30.2 45.2



#20

3+4-Methylphenols

Concen: 3.572 ng

RT: 8.28 min Scan# 917

Delta R.T. -0.01 min

Lab File: BM018272.D

Acq: 18 Dec 2018 15:46

Tgt Ion: 107 Resp: 40120

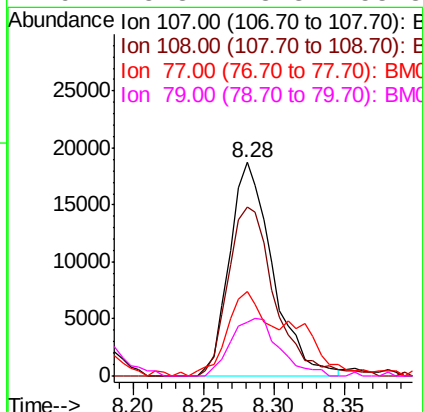
Ion Ratio Lower Upper

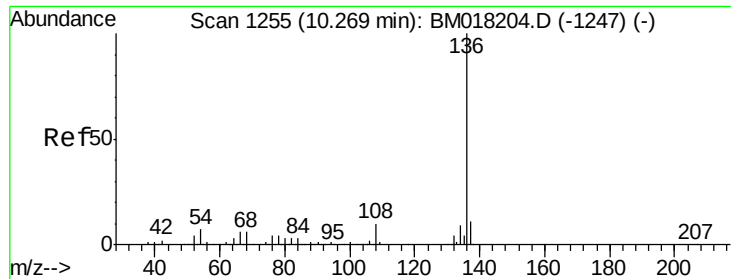
107 100

108 79.4 67.4 107.4

77 39.7 15.7 55.7

79 25.3 13.3 53.3

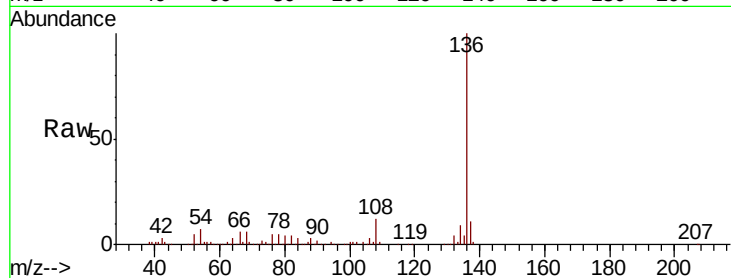




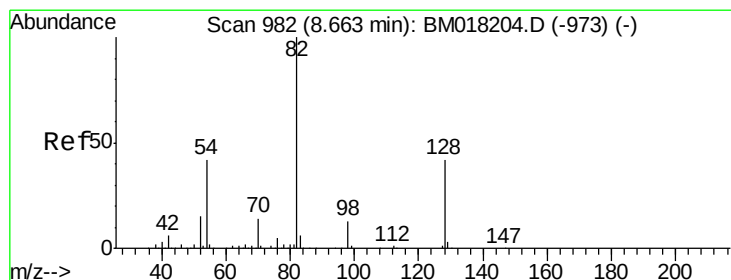
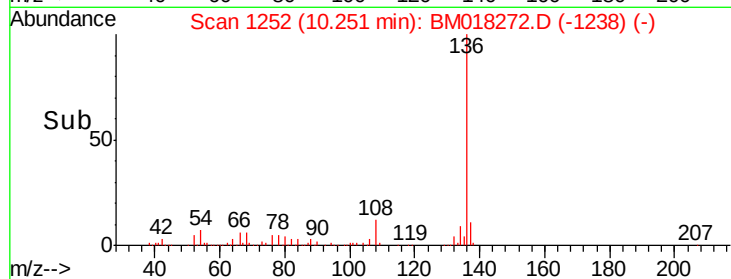
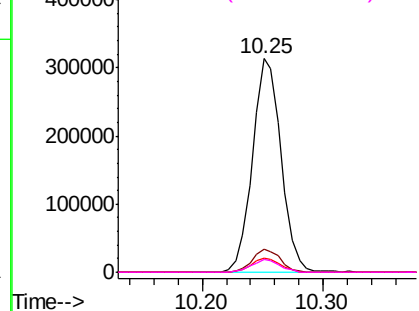
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018272.D
Acq: 18 Dec 2018 15:46

Instrument :
BNA_M
ClientSampled :

Tot Ion:136	Resp: 516409
Ion Ratio	Lower Upper
136 100	
137 11.1	9.2 13.8
54 6.7	5.2 7.8
68 6.1	5.0 7.6

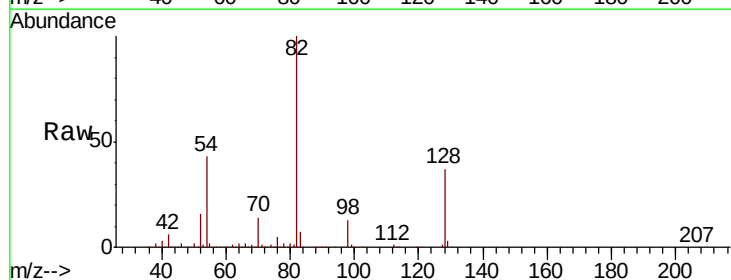


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

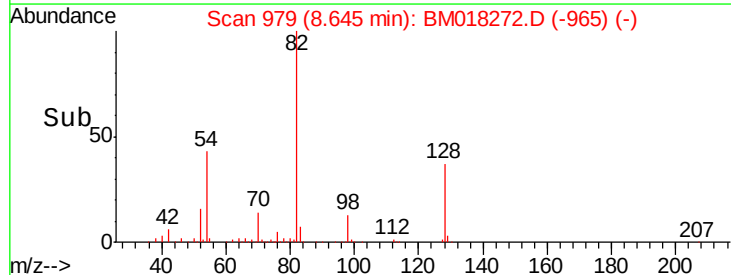
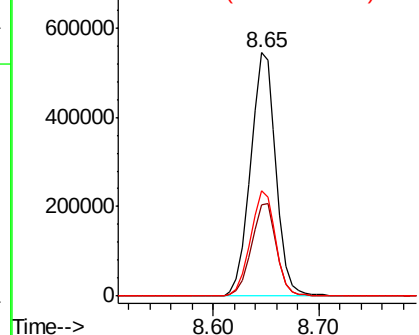


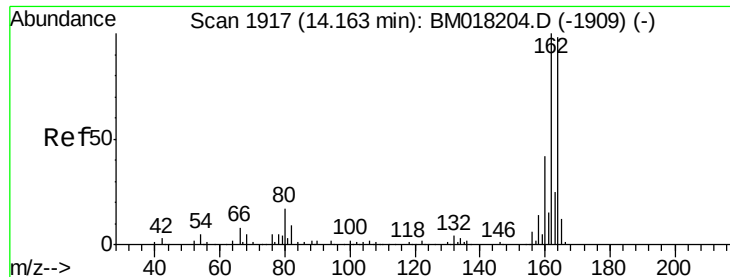
#23
Nitrobenzene-d5
Concen: 90.247 ng
RT: 8.65 min Scan# 979
Delta R.T. -0.02 min
Lab File: BM018272.D
Acq: 18 Dec 2018 15:46

Tgt	Ion: 82	Resp:	908577
Ion	Ratio	Lower	Upper
82	100		
128	37.3	33.4	50.2
54	43.3	33.4	50.2



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: 14.14 min Scan# 1914

Delta R.T. -0.02 min

Lab File: BM018272.D

Acq: 18 Dec 2018 15:46

Instrument :

BNA_M

ClientSampleId :

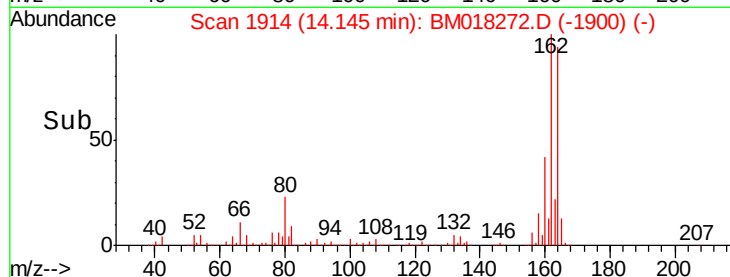
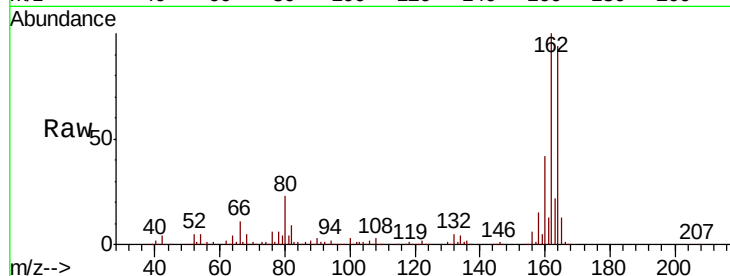
Tot Ion:164 Resp: 266054

Ion Ratio Lower Upper

164 100

162 106.3 81.8 122.6

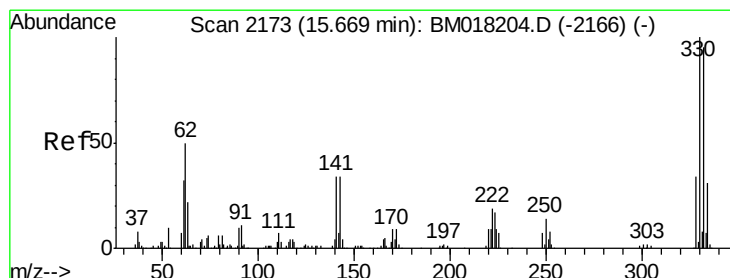
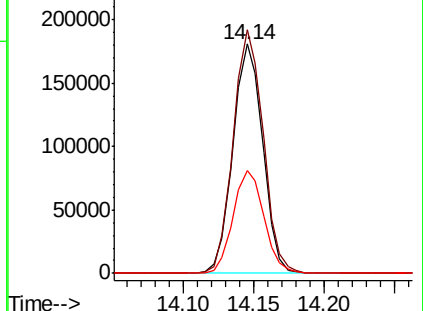
160 45.0 34.6 51.8



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: 107.097 ng

RT: 15.66 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BM018272.D

Acq: 18 Dec 2018 15:46

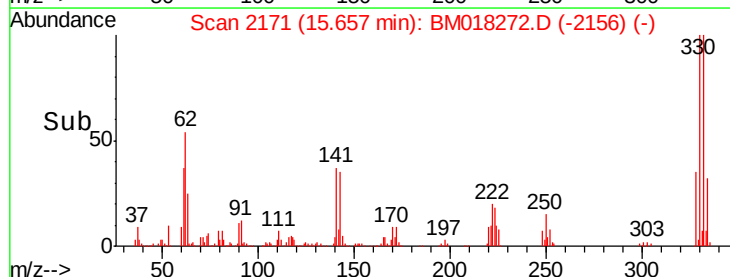
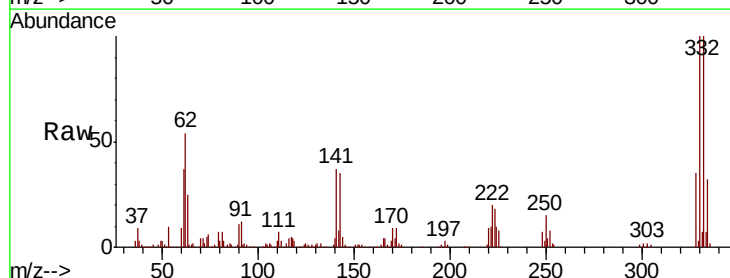
Tgt Ion:330 Resp: 418208

Ion Ratio Lower Upper

330 100

332 98.0 78.6 118.0

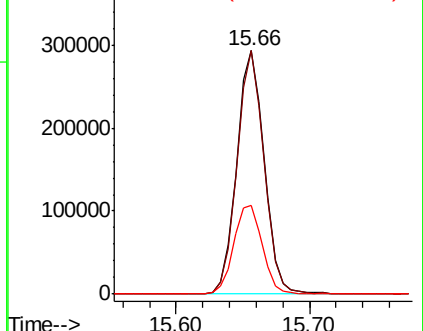
141 38.3 27.1 40.7

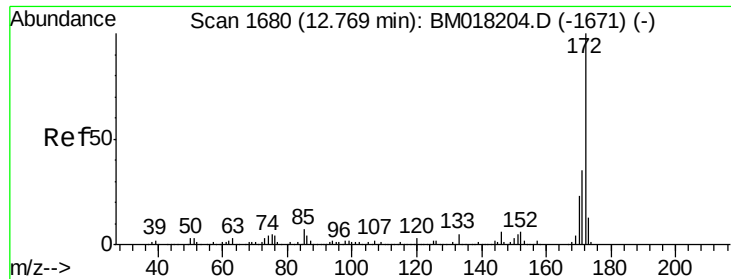


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



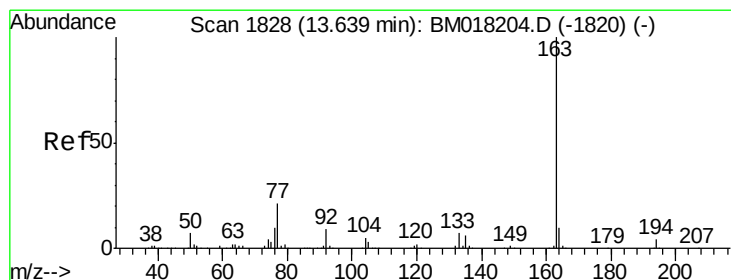
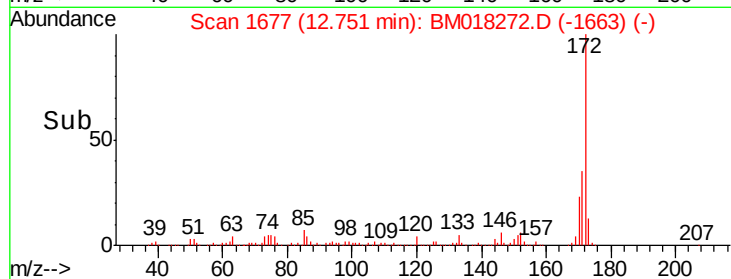
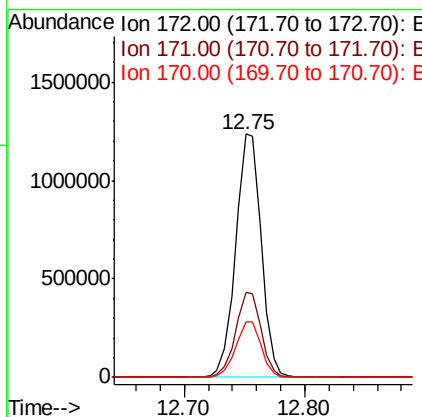
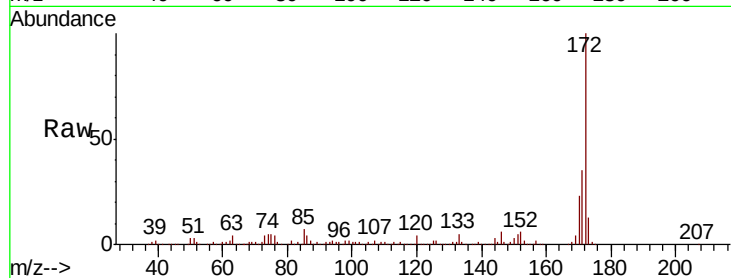


#45
 2-Fluorobiphenyl
 Concen: 88.918 ng
 RT: 12.75 min Scan# 1677
 Delta R.T. -0.02 min
 Lab File: BM018272.D
 Acq: 18 Dec 2018 15:46

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 1826466

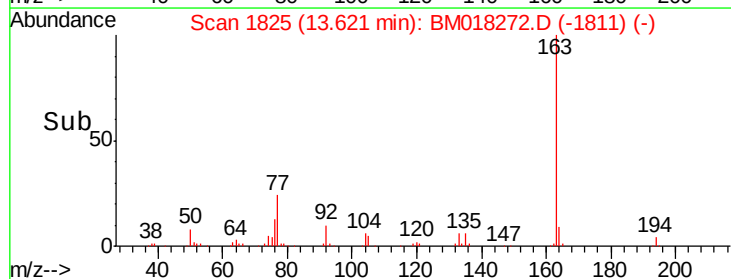
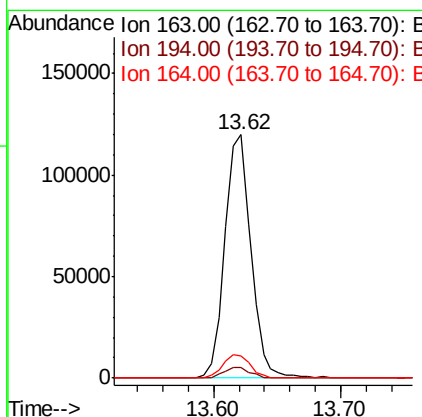
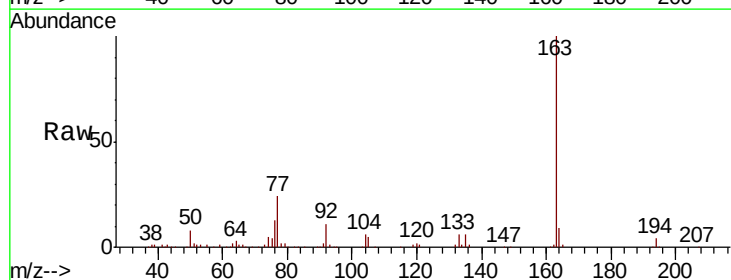
Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.3	42.5
170	22.6	18.1	27.1

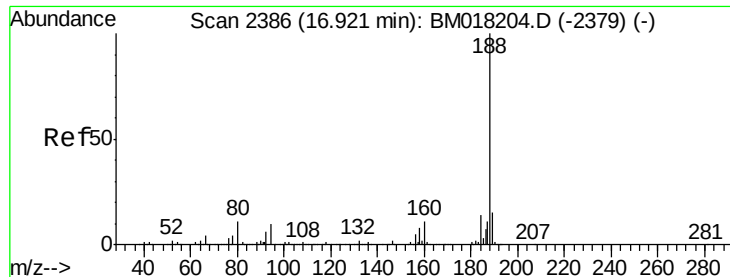


#50
 Dimethylphthalate
 Concen: 7.709 ng
 RT: 13.62 min Scan# 1825
 Delta R.T. -0.02 min
 Lab File: BM018272.D
 Acq: 18 Dec 2018 15:46

Tgt Ion:163 Resp: 170517

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.1	4.7
164	9.1	7.9	11.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.91 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BM018272.D

Acq: 18 Dec 2018 15:46

Instrument :

BNA_M

ClientSampleId :

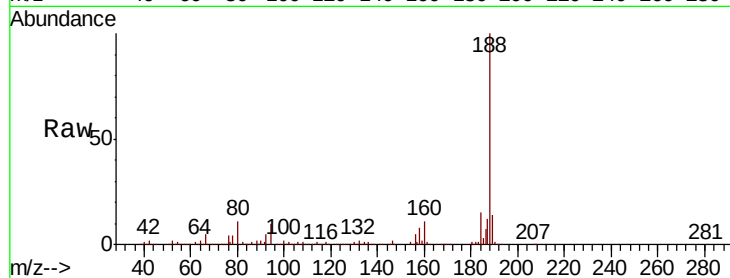
Tot Ion:188 Resp: 486154

Ion Ratio Lower Upper

188 100

94 9.7 8.0 12.0

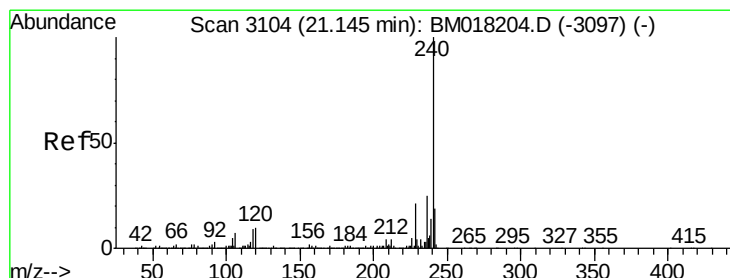
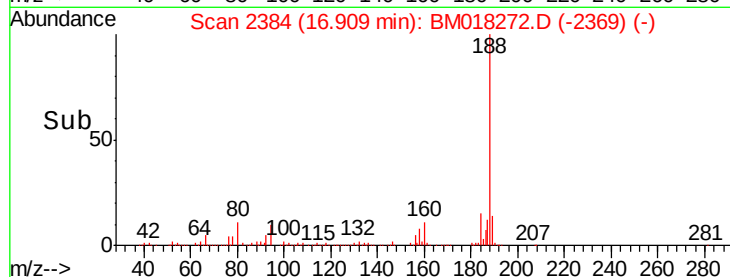
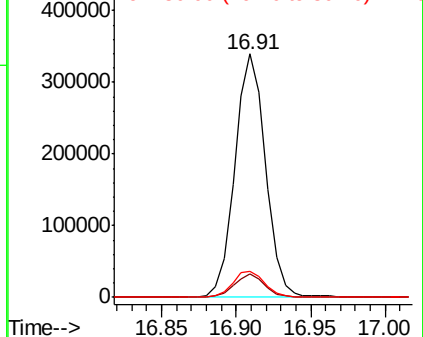
80 10.7 9.0 13.6



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: 21.13 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM018272.D

Acq: 18 Dec 2018 15:46

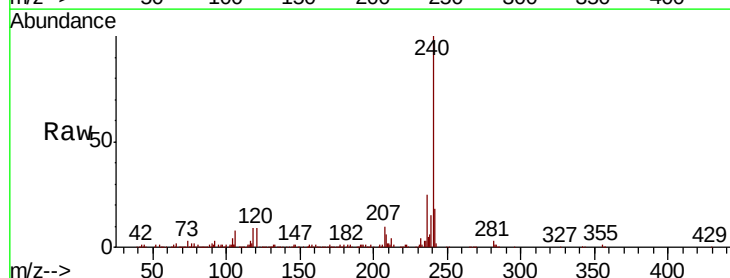
Tgt Ion:240 Resp: 421259

Ion Ratio Lower Upper

240 100

120 9.3 8.2 12.2

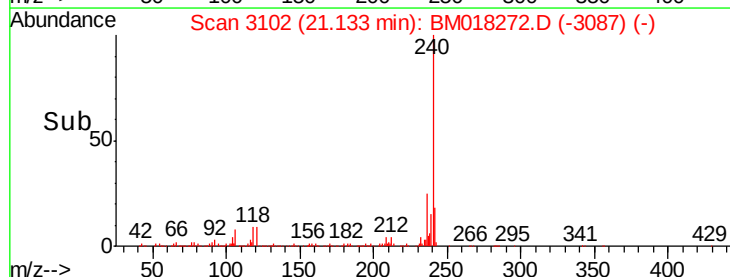
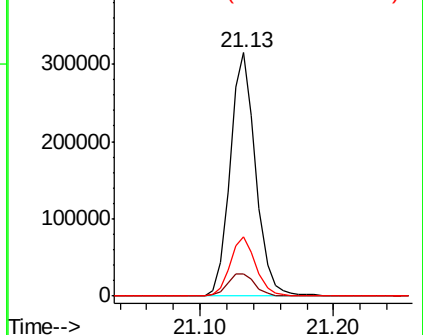
236 24.6 20.3 30.5

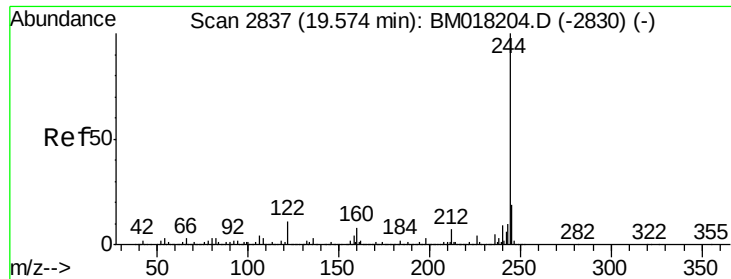


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 95.294 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BM018272.D

Acq: 18 Dec 2018 15:46

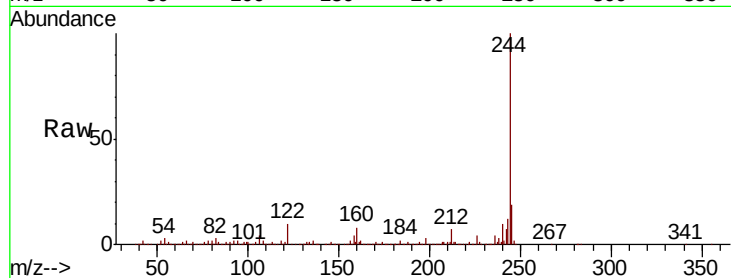
Instrument :

BNA_M

ClientSampleId :

Tot Ion:244 Resp: 1774961

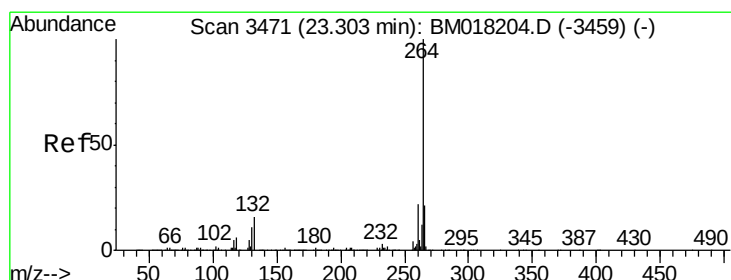
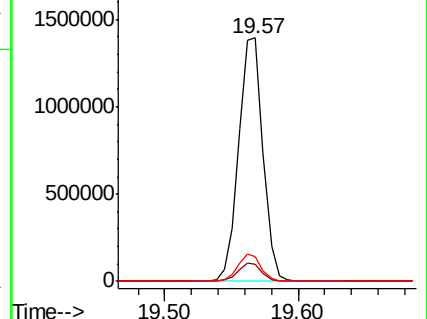
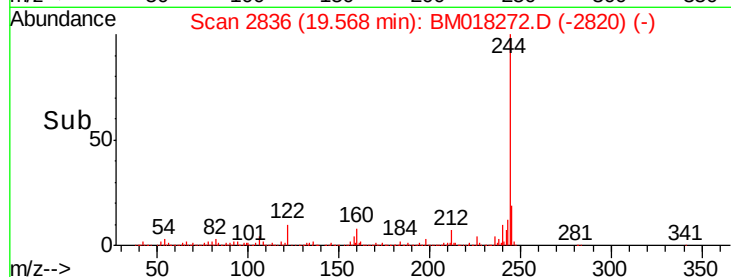
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	9.9	9.0	13.6



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

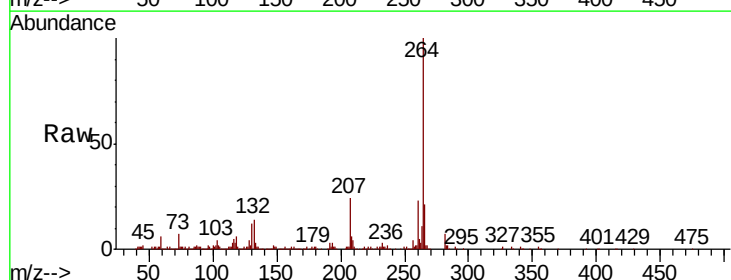
Delta R.T. -0.01 min

Lab File: BM018272.D

Acq: 18 Dec 2018 15:46

Tgt Ion:264 Resp: 477377

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.5	26.3
265	20.5	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

