

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
 Data File : BM018323.D
 Acq On : 20 Dec 2018 07:50
 Operator : JU/SJ
 Sample : J6196-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 20 13:17:37 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

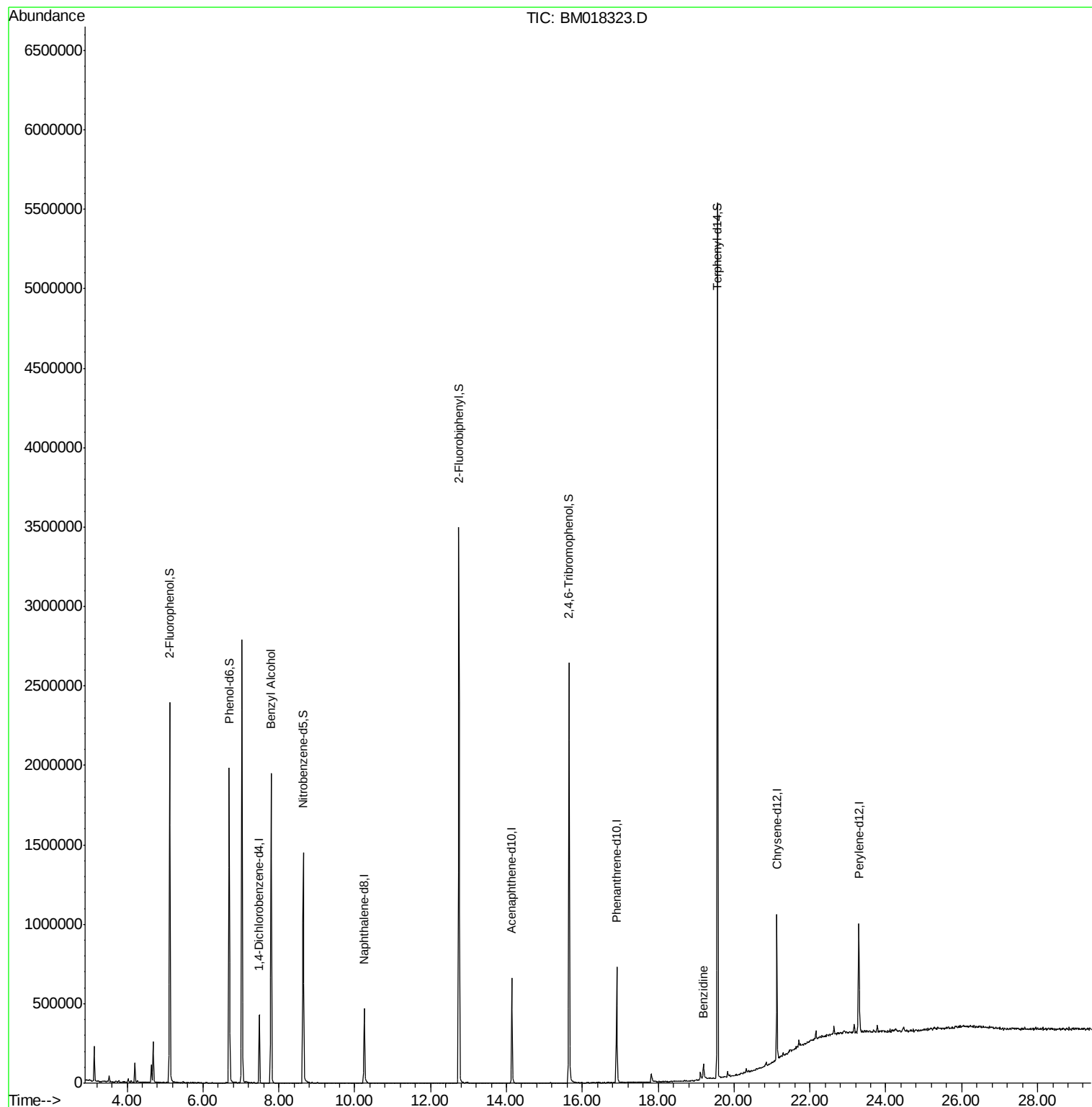
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	108484	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	397877	20.00	ng	-0.02
39) Acenaphthene-d10	14.14	164	221870	20.00	ng	-0.02
64) Phenanthrene-d10	16.91	188	439728	20.00	ng	-0.01
76) Chrysene-d12	21.13	240	425579	20.00	ng	-0.02
87) Perylene-d12	23.29	264	457285	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	947904	145.96	ng	0.00
7) Phenol-d6	6.69	99	1123938	124.52	ng	-0.01
23) Nitrobenzene-d5	8.65	82	894433	115.31	ng	-0.02
42) 2,4,6-Tribromophenol	15.65	330	461314	141.66	ng	-0.02
45) 2-Fluorobiphenyl	12.75	172	1803195	105.27	ng	-0.02
79) Terphenyl-d14	19.56	244	2297917	122.12	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	7.80	79	14989	2.038	ng	Qvalue # 44
77) Benzidine	19.19	184	73796	6.838	ng	97

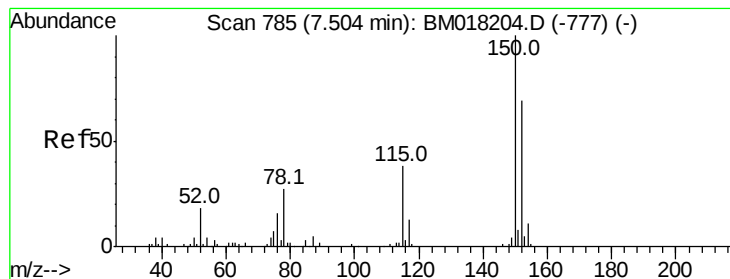
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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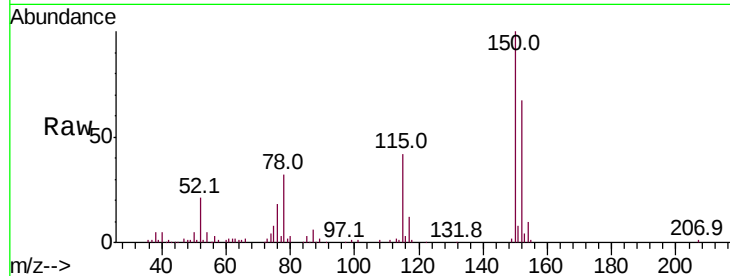


#1

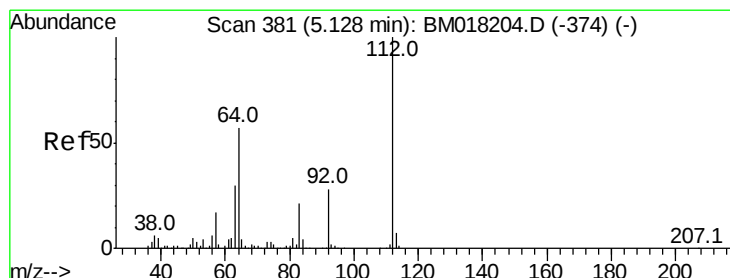
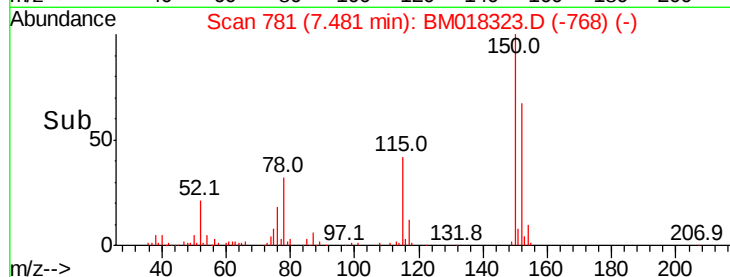
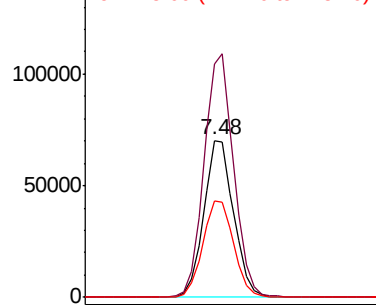
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.48 min Scan# 781
Delta R.T. -0.02 min
Lab File: BM018323.D
Acq: 20 Dec 2018 07:50

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 108484
Ion Ratio Lower Upper
152 100
150 148.6 116.1 174.1
115 61.8 44.6 67.0



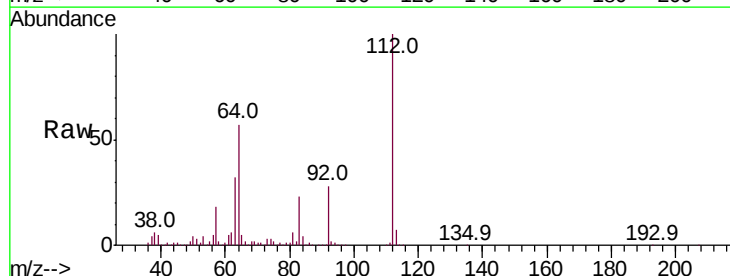
Abundance Ion 152.00 (151.70 to 152.70): E
150000 Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



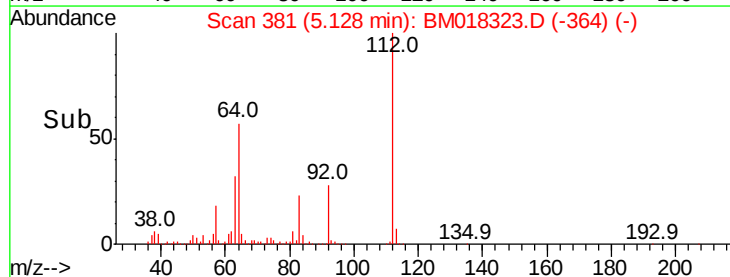
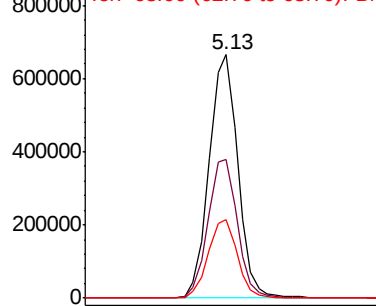
#5

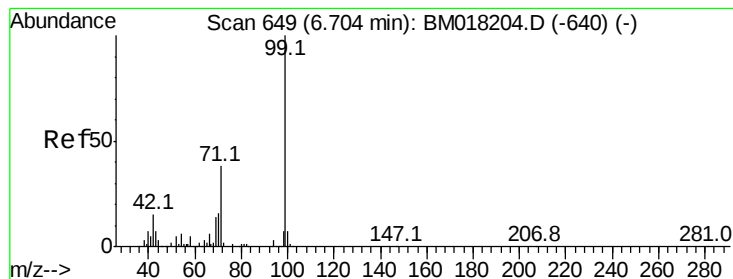
2-Fluorophenol
Concen: 145.962 ng
RT: 5.13 min Scan# 381
Delta R.T. -0.00 min
Lab File: BM018323.D
Acq: 20 Dec 2018 07:50

Tgt Ion:112 Resp: 947904
Ion Ratio Lower Upper
112 100
64 57.0 45.4 68.2
63 32.3 24.0 36.0



Abundance Ion 112.00 (111.70 to 112.70): E
800000 Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 124.517 ng

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM018323.D

Acq: 20 Dec 2018 07:50

Instrument :

BNA_M

ClientSampleId :

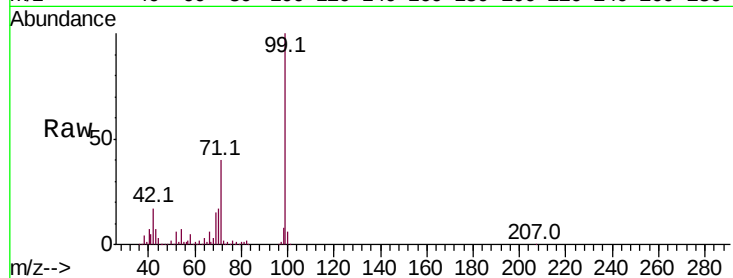
Tot Ion: 99 Resp: 1123938

Ion Ratio Lower Upper

99 100

42 16.5 12.3 18.5

71 39.9 30.2 45.2



Abundance Ion 99.00 (98.70 to 99.70): BM018204.D (-640) (-)

Ion 42.00 (41.70 to 42.70): BM018204.D (-640) (-)

Ion 71.00 (70.70 to 71.70): BM018204.D (-640) (-)

6.69

800000

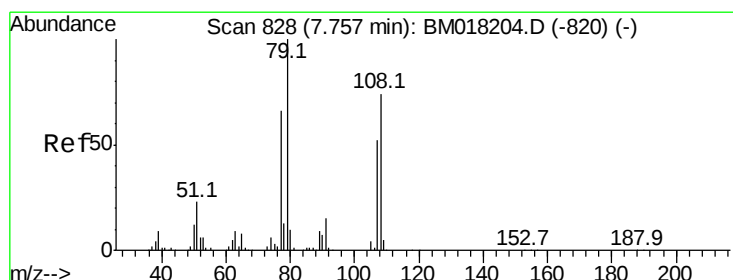
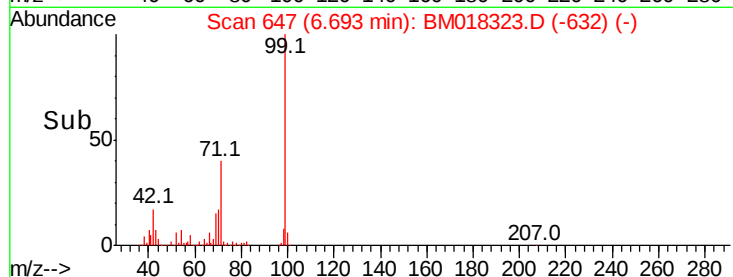
600000

400000

200000

0

Time--> 6.60 6.65 6.70 6.75



#15

Benzyl Alcohol

Concen: 2.038 ng

RT: 7.80 min Scan# 835

Delta R.T. 0.04 min

Lab File: BM018323.D

Acq: 20 Dec 2018 07:50

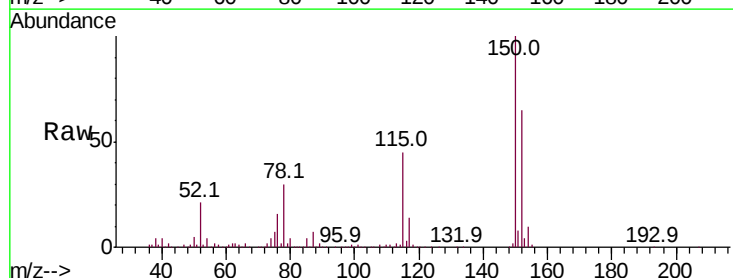
Tgt Ion: 79 Resp: 14989

Ion Ratio Lower Upper

79 100

108 36.1 59.3 88.9#

77 120.0 53.0 79.4#



Abundance Ion 79.00 (78.70 to 79.70): BM018204.D (-820) (-)

Ion 108.00 (107.70 to 108.70): BM018204.D (-820) (-)

Ion 77.00 (76.70 to 77.70): BM018204.D (-820) (-)

7.80

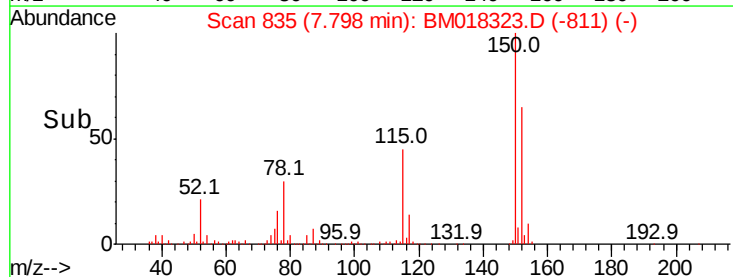
15000

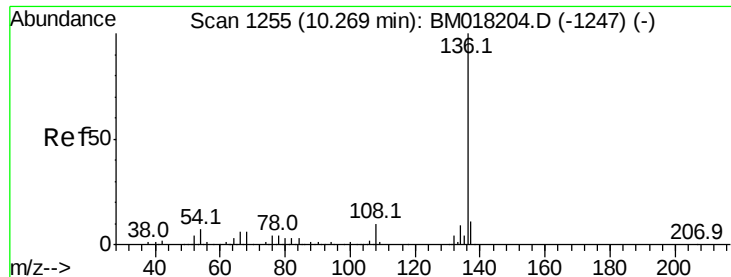
10000

5000

0

Time--> 7.74 7.76 7.78 7.80 7.82

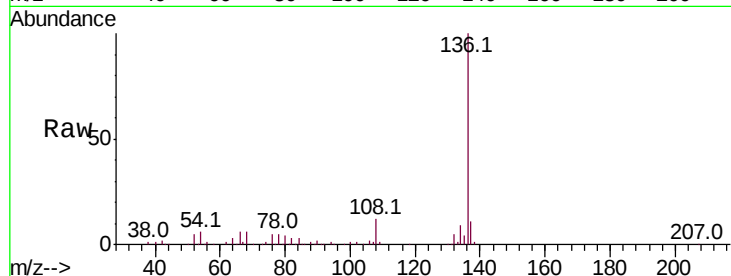




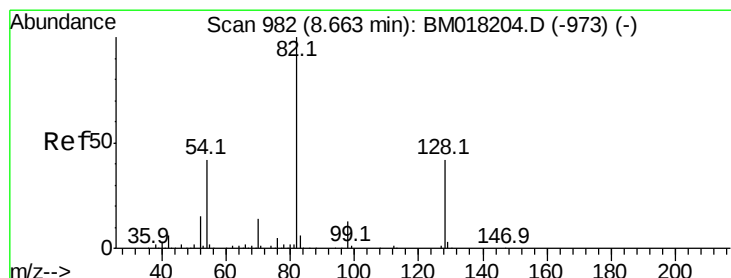
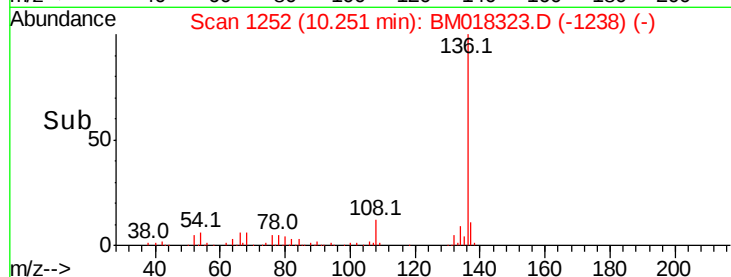
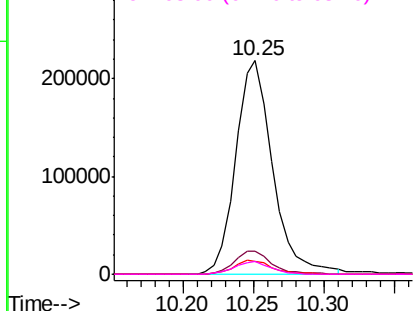
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018323.D
Acq: 20 Dec 2018 07:50

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	397877
Ion Ratio	Lower	Upper
136 100		
137 11.0	9.2	13.8
54 5.7	5.2	7.8
68 6.0	5.0	7.6

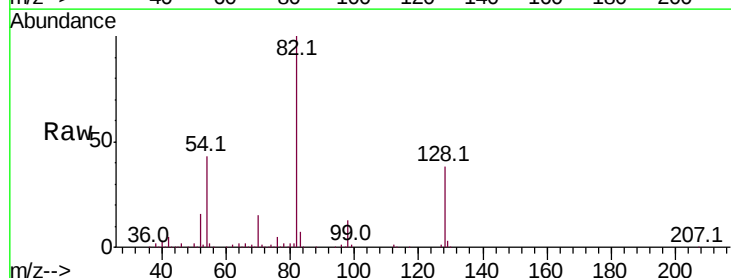


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

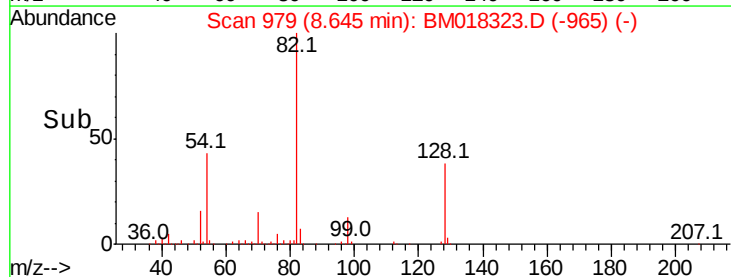
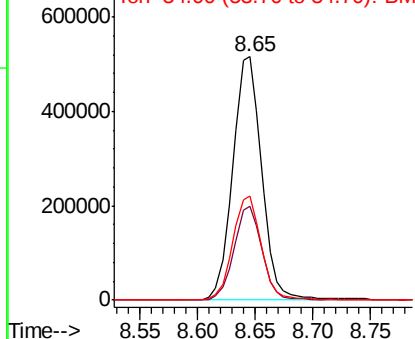


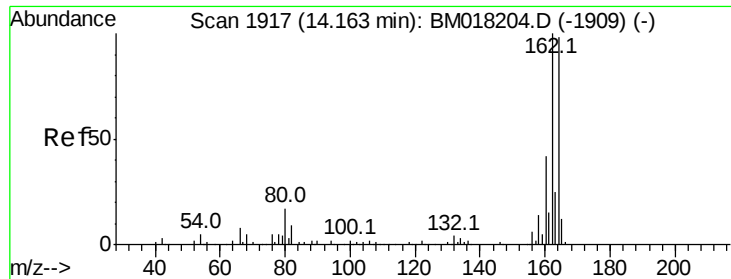
#23
Nitrobenzene-d5
Concen: 115.309 ng
RT: 8.65 min Scan# 979
Delta R.T. -0.02 min
Lab File: BM018323.D
Acq: 20 Dec 2018 07:50

Tgt	Ion: 82	Resp:	894433
Ion	Ratio	Lower	Upper
82	100		
128	38.4	33.4	50.2
54	42.9	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# 1913

Delta R.T. -0.02 min

Lab File: BM018323.D

Acq: 20 Dec 2018 07:50

Instrument :

BNA_M

ClientSampleId :

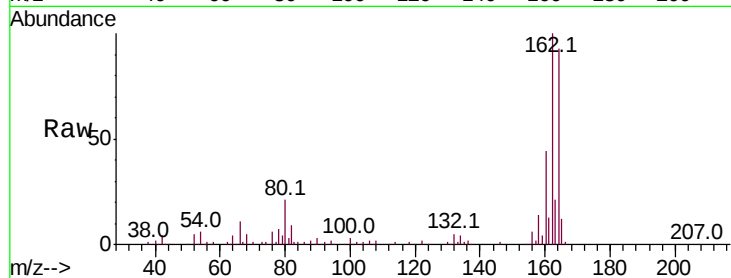
Tot Ion:164 Resp: 221870

Ion Ratio Lower Upper

164 100

162 107.7 81.8 122.6

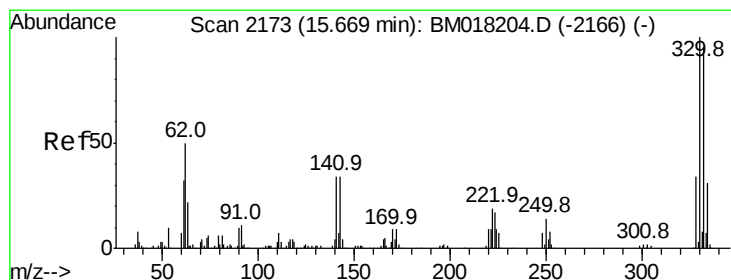
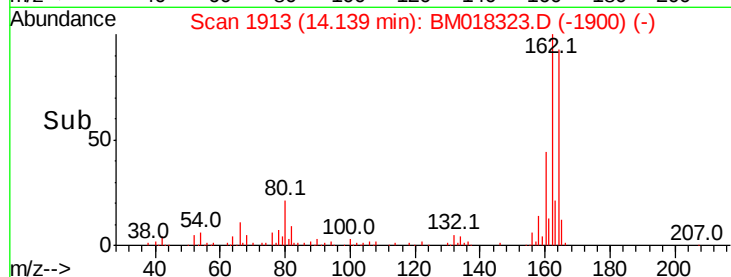
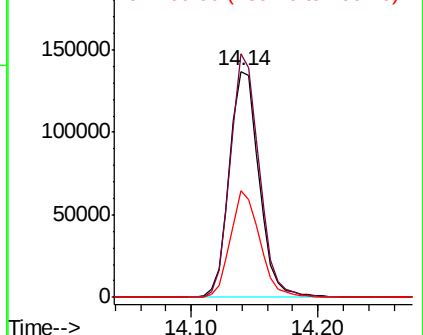
160 47.3 34.6 51.8



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: 141.662 ng

RT: 15.65 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BM018323.D

Acq: 20 Dec 2018 07:50

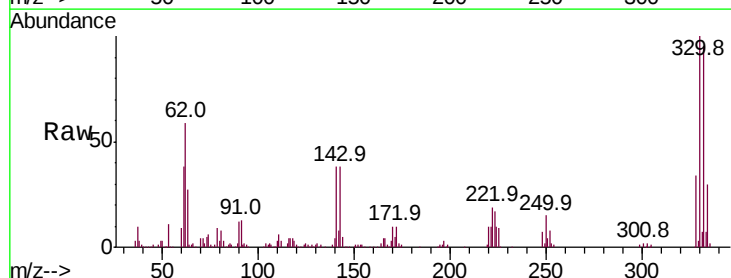
Tgt Ion:330 Resp: 461314

Ion Ratio Lower Upper

330 100

332 95.8 78.6 118.0

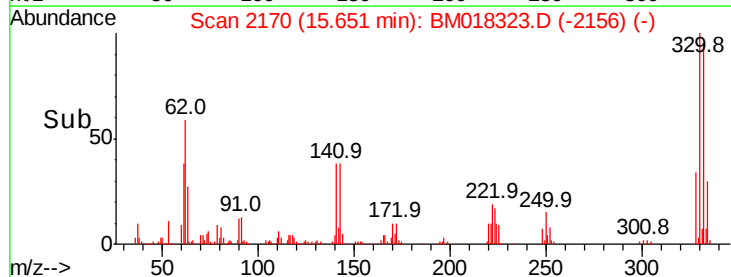
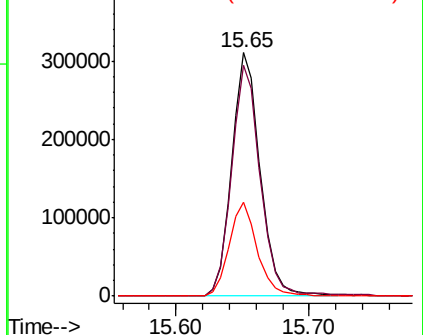
141 38.3 27.1 40.7

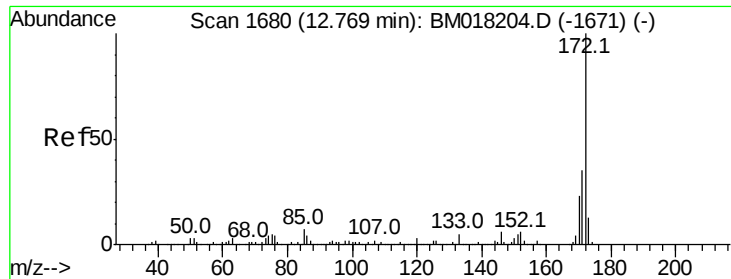


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

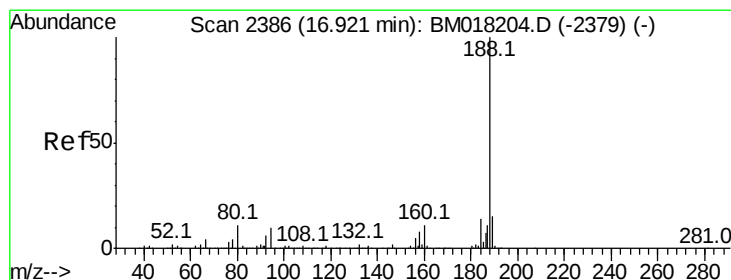
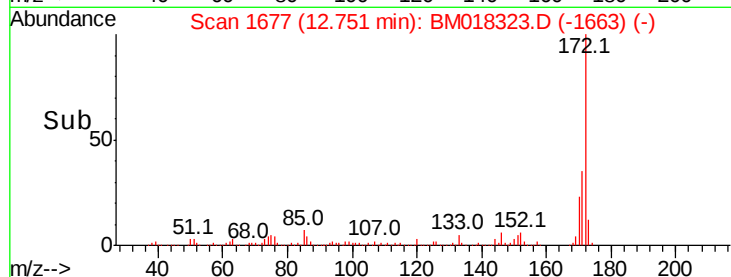
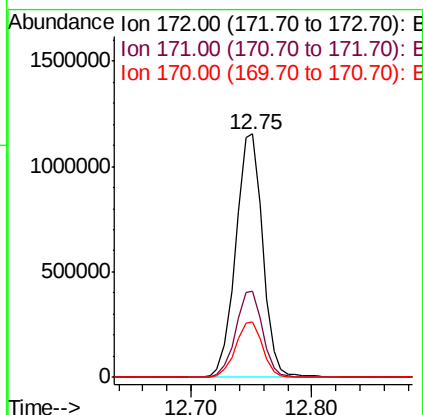
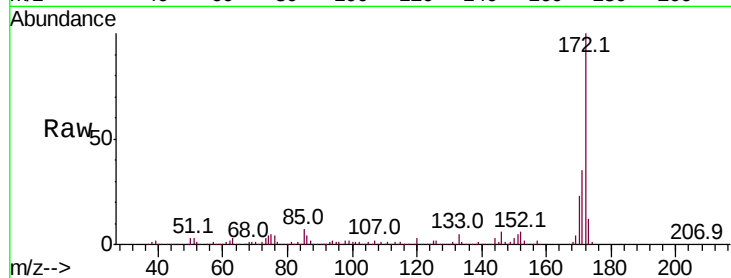




#45
2-Fluorobiphenyl
Concen: 105.267 ng
RT: 12.75 min Scan# 1677
Delta R.T. -0.02 min
Lab File: BM018323.D
Acq: 20 Dec 2018 07:50

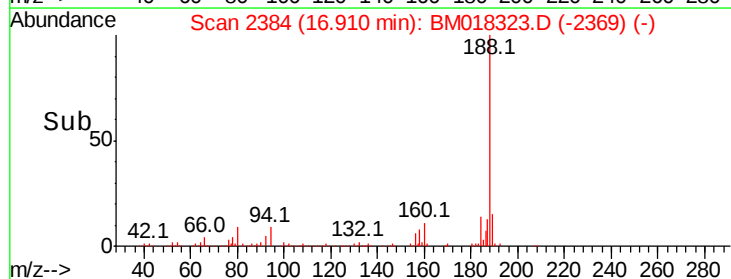
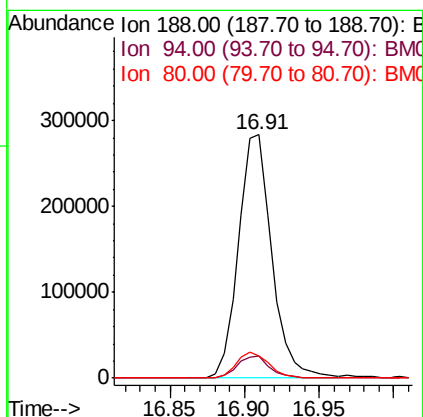
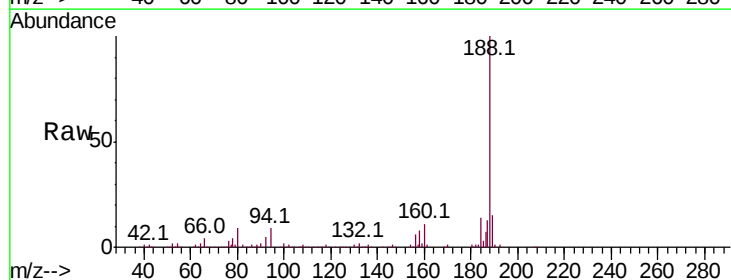
Instrument :
BNA_M
ClientSampleId :

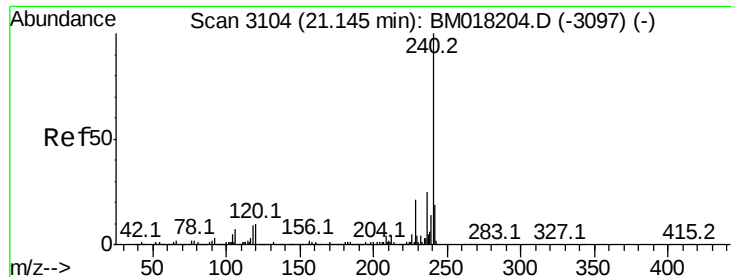
Tot Ion:172 Resp: 1803195
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 22.9 18.1 27.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.91 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018323.D
Acq: 20 Dec 2018 07:50

Tgt Ion:188 Resp: 439728
Ion Ratio Lower Upper
188 100
94 8.9 8.0 12.0
80 9.3 9.0 13.6

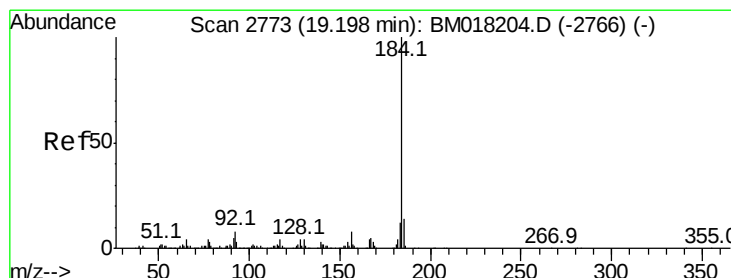
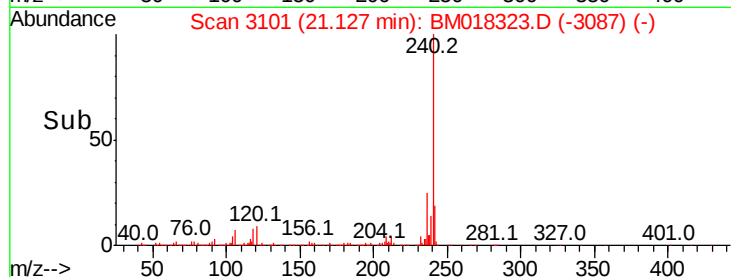
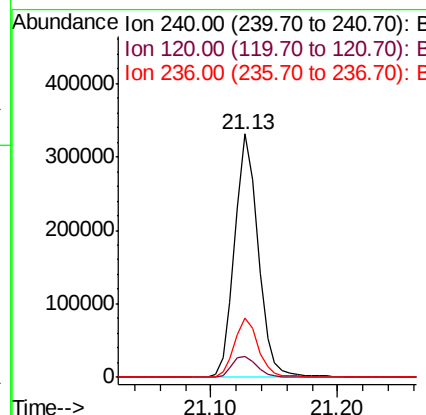
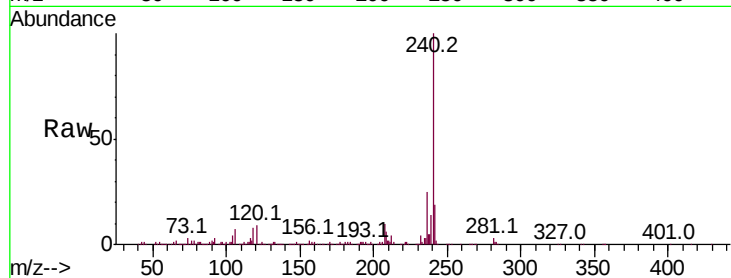




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.13 min Scan# 3101
 Delta R.T. -0.02 min
 Lab File: BM018323.D
 Acq: 20 Dec 2018 07:50

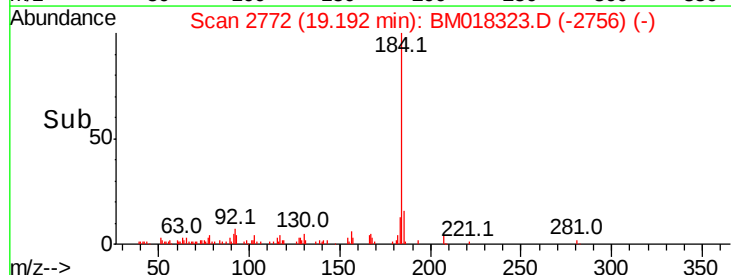
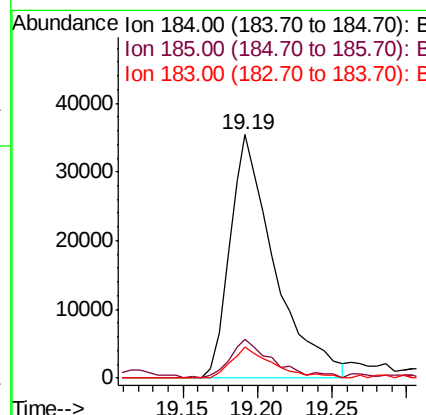
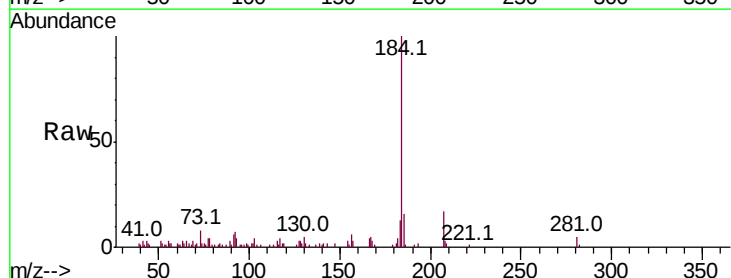
Instrument :
 BNA_M
 ClientSampleId :

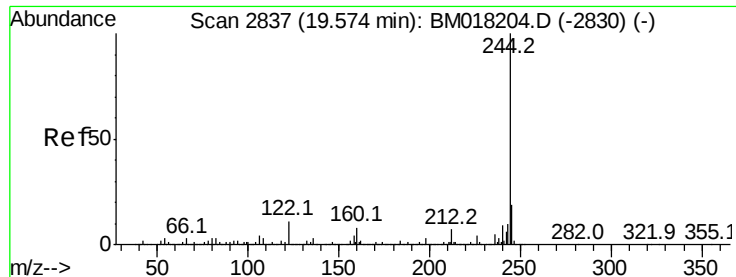
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.5	8.2	12.2
236	24.6	20.3	30.5



#77
 Benzidine
 Concen: 6.838 ng
 RT: 19.19 min Scan# 2772
 Delta R.T. -0.01 min
 Lab File: BM018323.D
 Acq: 20 Dec 2018 07:50

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.2	11.4	17.2
183	12.7	9.7	14.5





#79

Terphenyl-d14

Concen: 122.118 ng

RT: 19.56 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM018323.D

Acq: 20 Dec 2018 07:50

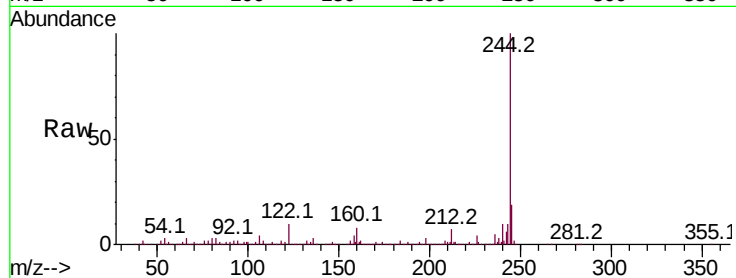
Instrument :

BNA_M

ClientSampleId :

Tot Ion:244 Resp: 2297917

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	10.1	9.0	13.6

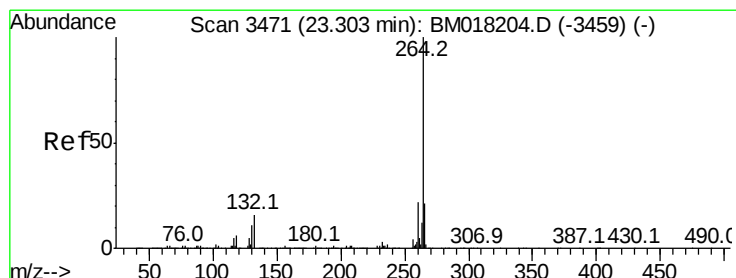
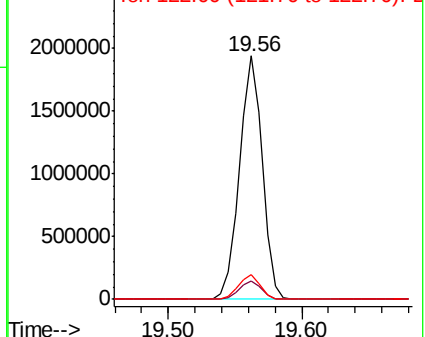
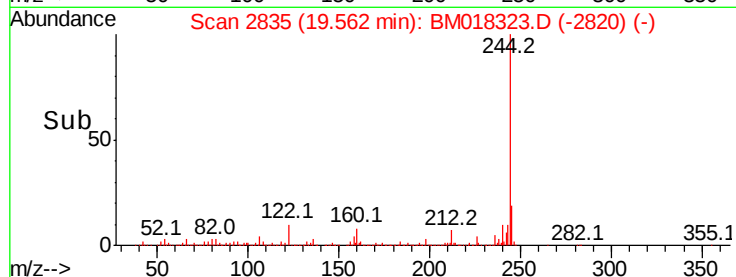


Abundance

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# 3468

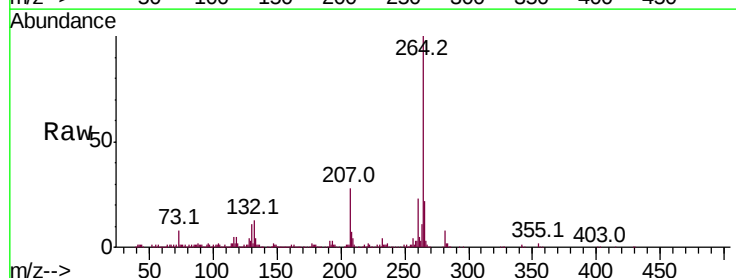
Delta R.T. -0.02 min

Lab File: BM018323.D

Acq: 20 Dec 2018 07:50

Tgt Ion:264 Resp: 457285

Ion	Ratio	Lower	Upper
264	100		
260	22.9	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

