

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121918\
 Data File : BM018298.D
 Acq On : 19 Dec 2018 15:08
 Operator : JU/SJ
 Sample : J6446-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS022-0612-02

Quant Time: Dec 20 01:06:46 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

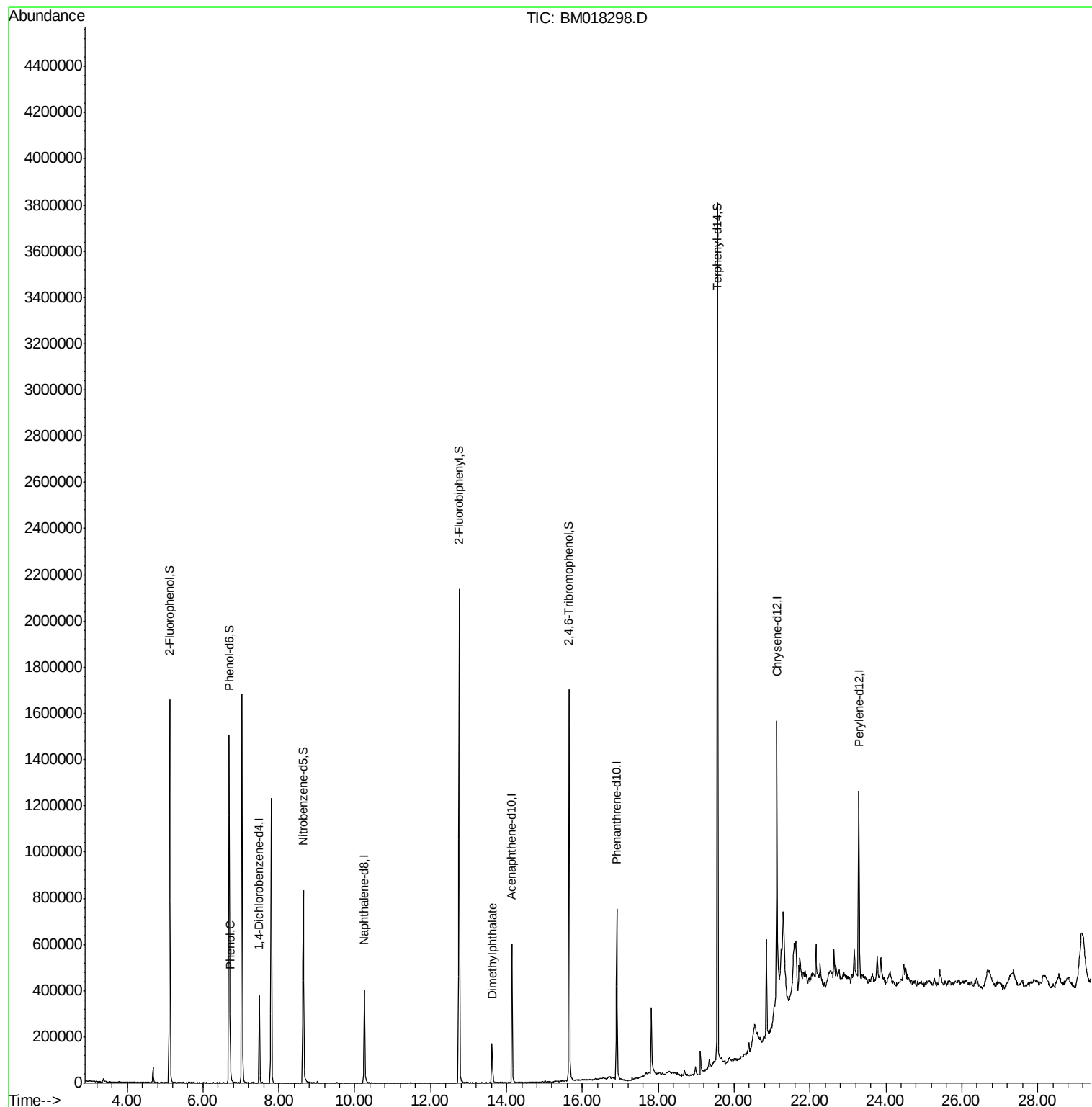
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	91963	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	348063	20.00	ng	-0.02
39) Acenaphthene-d10	14.14	164	190519	20.00	ng	-0.02
64) Phenanthrene-d10	16.91	188	425134	20.00	ng	-0.01
76) Chrysene-d12	21.13	240	501447	20.00	ng	-0.02
87) Perylene-d12	23.29	264	545316	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	646122	117.37	ng	0.00
7) Phenol-d6	6.69	99	854334	111.65	ng	-0.02
23) Nitrobenzene-d5	8.65	82	527907	77.80	ng	-0.02
42) 2,4,6-Tribromophenol	15.66	330	295380	105.63	ng	-0.01
45) 2-Fluorobiphenyl	12.75	172	1023229	69.56	ng	-0.02
79) Terphenyl-d14	19.56	244	1559540	70.34	ng	-0.01
Target Compounds						
10) Phenol	6.72	94	63223	7.802	ng	94
50) Dimethylphthalate	13.62	163	131054	8.274	ng	99

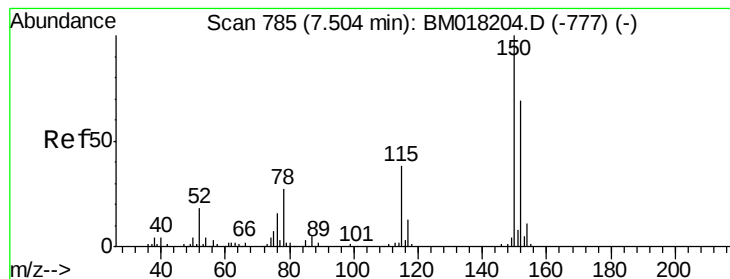
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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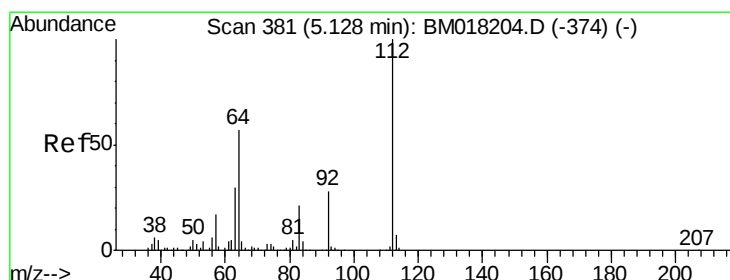
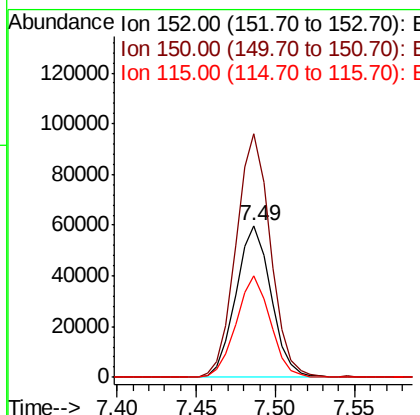
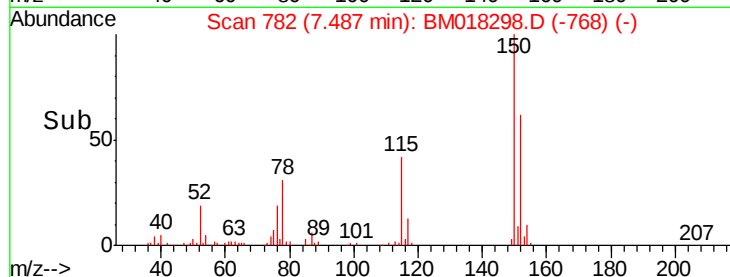
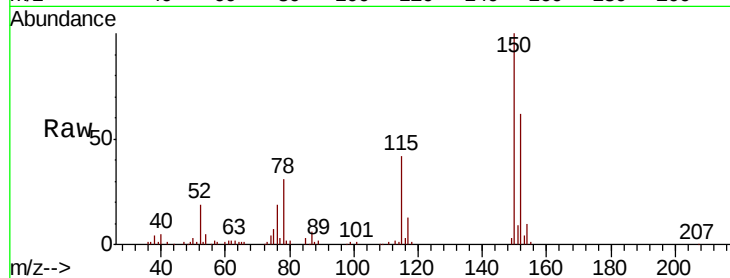


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BM018298.D
Acq: 19 Dec 2018 15:08

Instrument :
BNA_M
ClientSampleId :
P001-SS022-0612-02

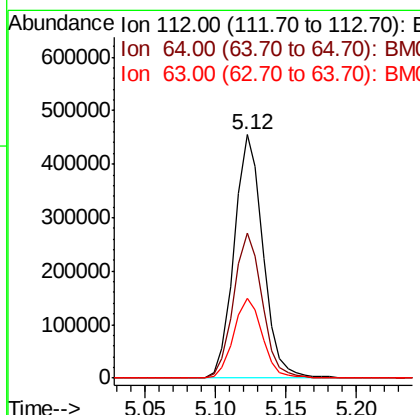
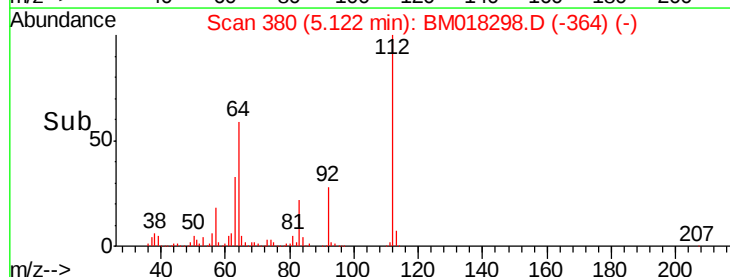
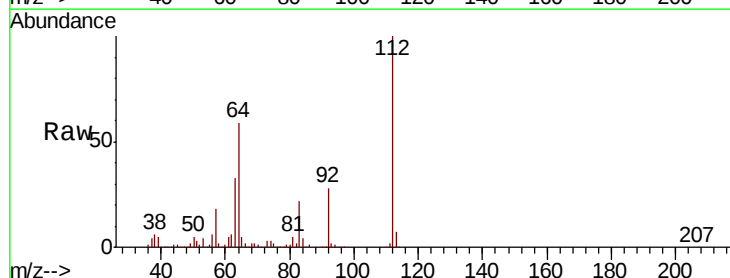
Tgt Ion:152 Resp: 91963
Ion Ratio Lower Upper
152 100
150 160.1 116.1 174.1
115 66.7 44.6 67.0

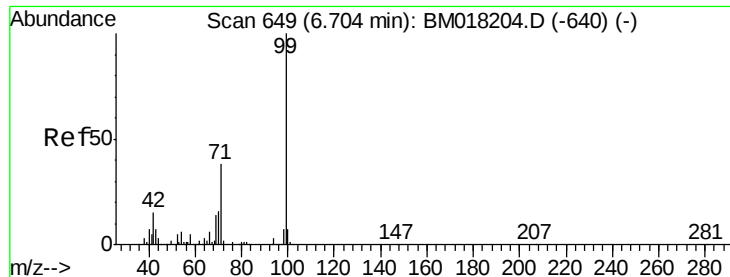


#5

2-Fluorophenol
Concen: 117.366 ng
RT: 5.12 min Scan# 380
Delta R.T. -0.01 min
Lab File: BM018298.D
Acq: 19 Dec 2018 15:08

Tgt Ion:112 Resp: 646122
Ion Ratio Lower Upper
112 100
64 59.5 45.4 68.2
63 32.5 24.0 36.0





#7

Phenol-d6

Concen: 111.652 ng

RT: 6.69 min Scan# 646

Delta R.T. -0.02 min

Lab File: BM018298.D

Acq: 19 Dec 2018 15:08

Instrument :

BNA_M

ClientSampleId :

P001-SS022-0612-02

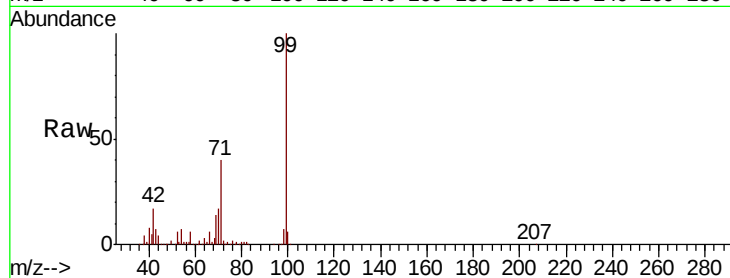
Tgt Ion: 99 Resp: 854334

Ion Ratio Lower Upper

99 100

42 16.8 12.3 18.5

71 39.7 30.2 45.2

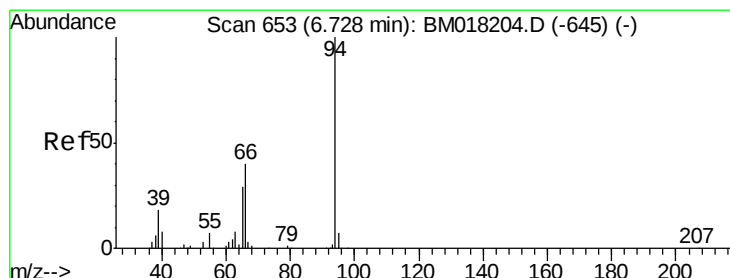
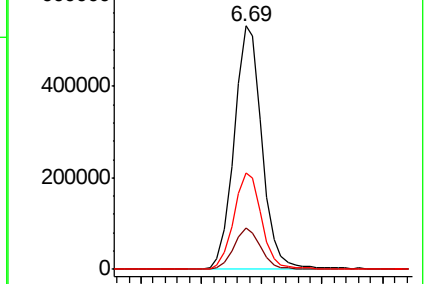
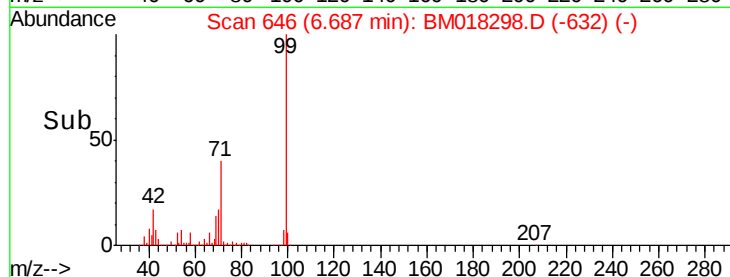


Abundance Ion 99.00 (98.70 to 99.70): BM018204.D (-640) (-)

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

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

6.69



#10

Phenol

Concen: 7.802 ng

RT: 6.72 min Scan# 651

Delta R.T. -0.01 min

Lab File: BM018298.D

Acq: 19 Dec 2018 15:08

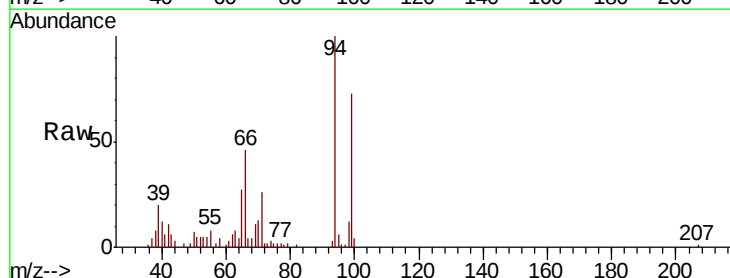
Tgt Ion: 94 Resp: 63223

Ion Ratio Lower Upper

94 100

65 27.5 9.5 49.5

66 45.8 21.3 61.3

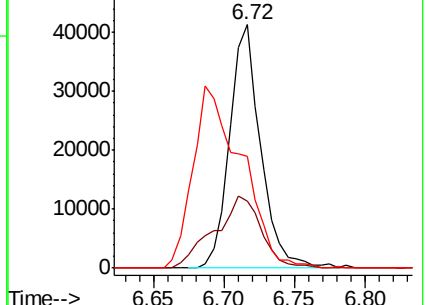
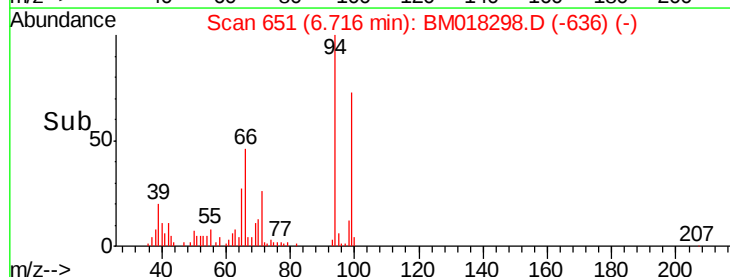


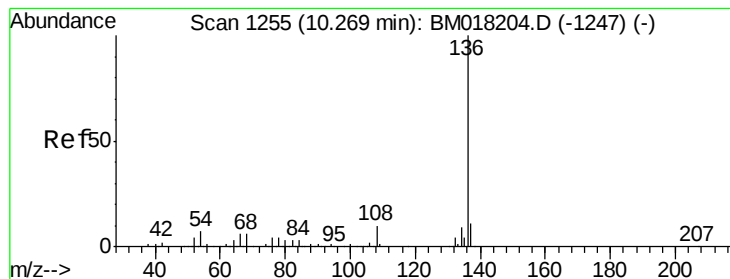
Abundance Ion 94.00 (93.70 to 94.70): BM018204.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM018204.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM018204.D (-645) (-)

6.72





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.25 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BM018298.D

Acq: 19 Dec 2018 15:08

Instrument :

BNA_M

ClientSampleId :

P001-SS022-0612-02

Tgt Ion: 136 Resp: 348063

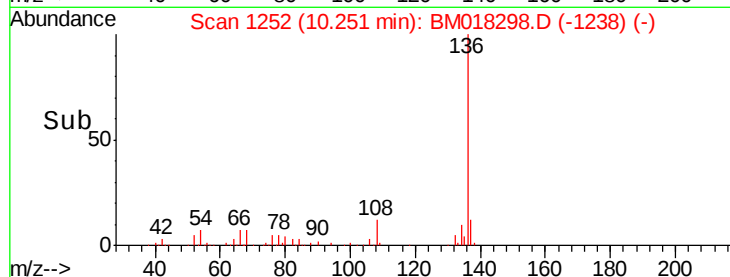
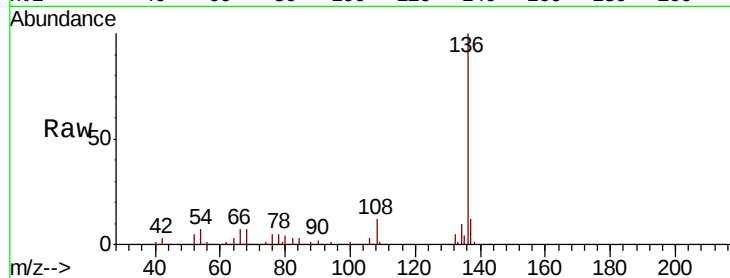
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 7.1 5.2 7.8

68 6.7 5.0 7.6

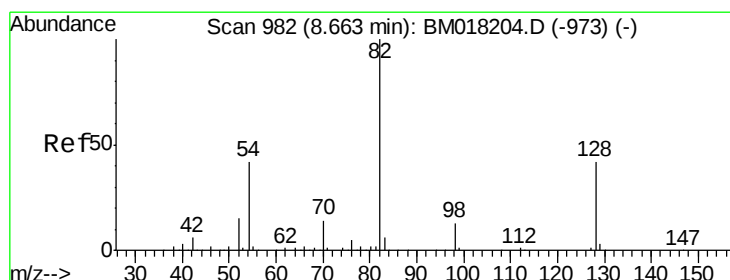
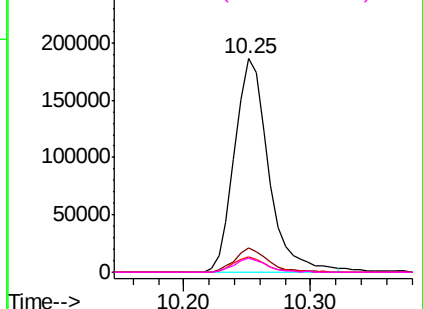


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.797 ng

RT: 8.65 min Scan# 979

Delta R.T. -0.02 min

Lab File: BM018298.D

Acq: 19 Dec 2018 15:08

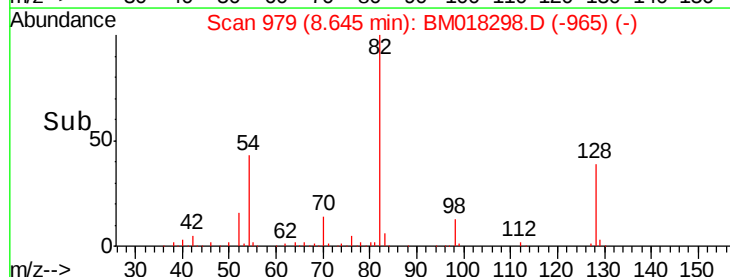
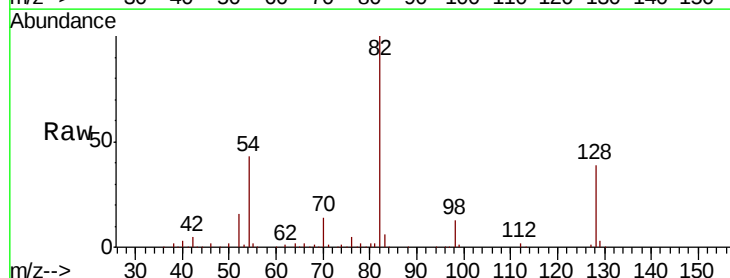
Tgt Ion: 82 Resp: 527907

Ion Ratio Lower Upper

82 100

128 39.3 33.4 50.2

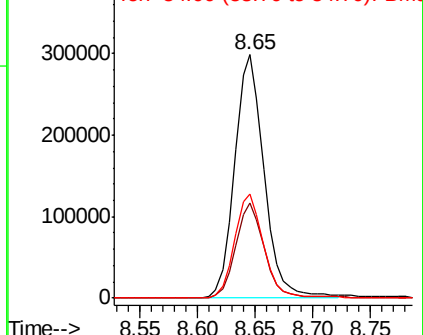
54 42.6 33.4 50.2

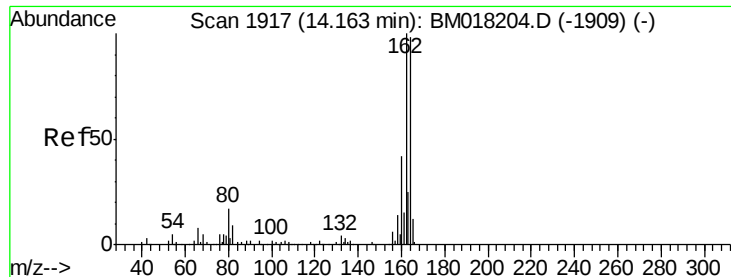


Abundance Ion 82.00 (81.70 to 82.70): BM

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: BM018298.D

Acq: 19 Dec 2018 15:08

Instrument :

BNA_M

ClientSampleId :

P001-SS022-0612-02

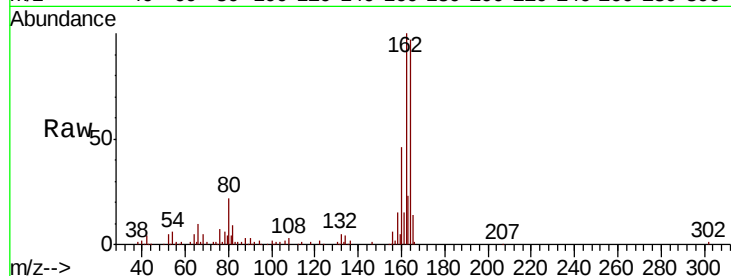
Tgt Ion:164 Resp: 190519

Ion Ratio Lower Upper

164 100

162 102.6 81.8 122.6

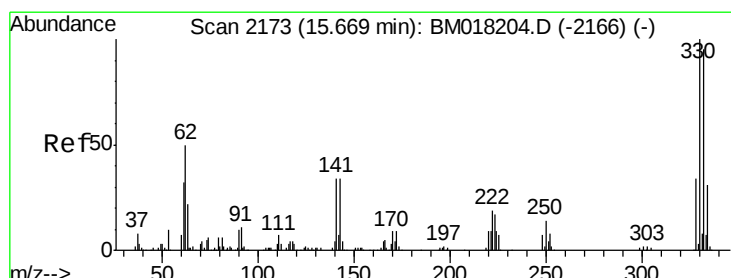
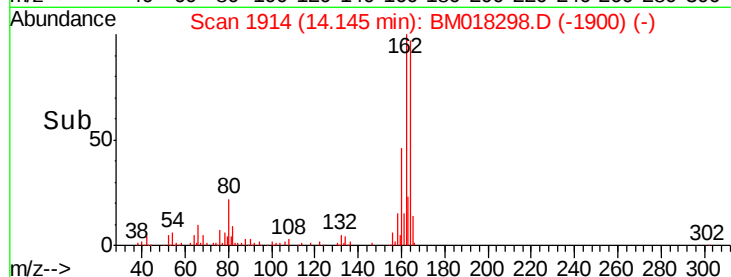
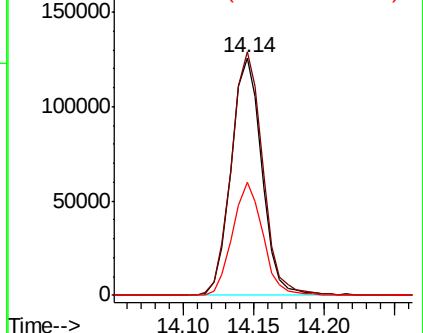
160 47.4 34.6 51.8



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: 105.633 ng

RT: 15.66 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BM018298.D

Acq: 19 Dec 2018 15:08

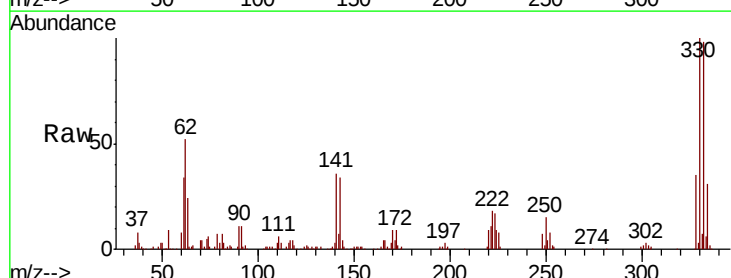
Tgt Ion:330 Resp: 295380

Ion Ratio Lower Upper

330 100

332 96.4 78.6 118.0

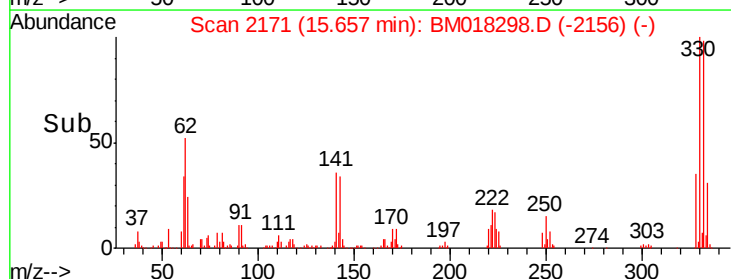
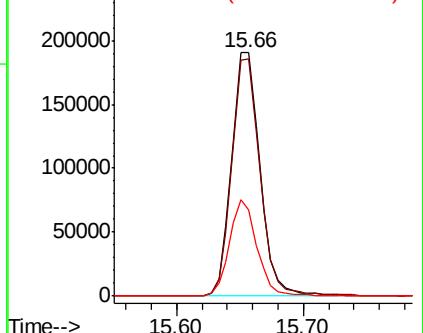
141 38.3 27.1 40.7

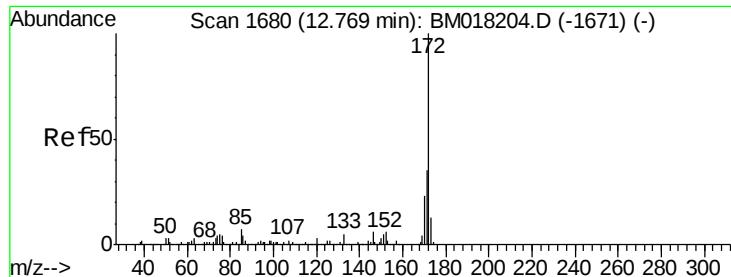


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

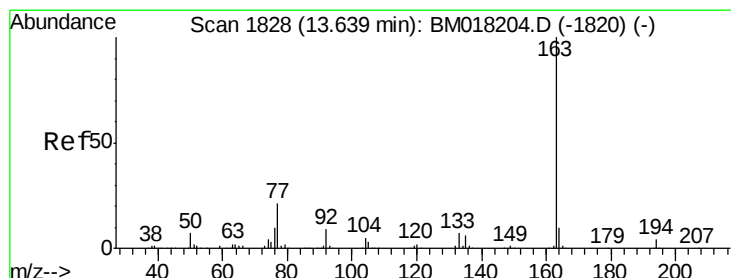
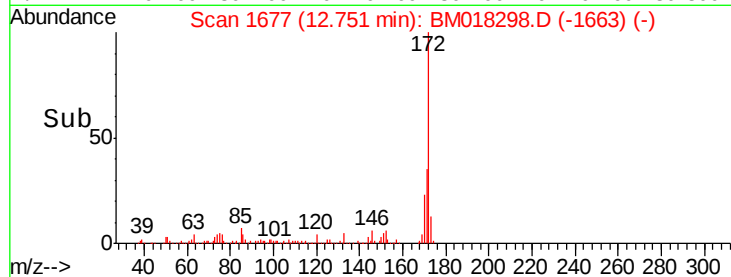
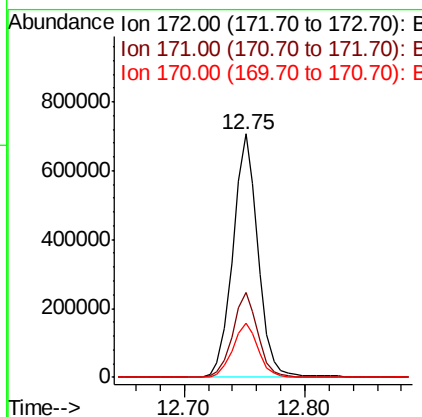
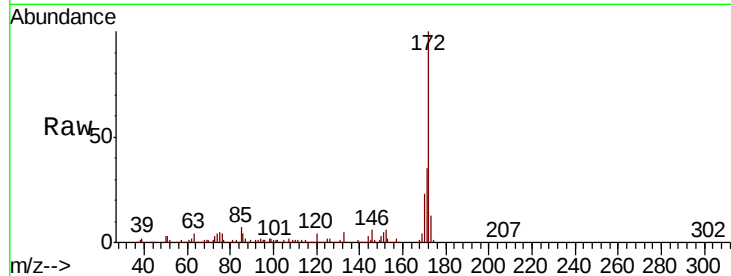




#45
 2-Fluorobiphenyl
 Concen: 69.564 ng
 RT: 12.75 min Scan# 1677
 Delta R.T. -0.02 min
 Lab File: BM018298.D
 Acq: 19 Dec 2018 15:08

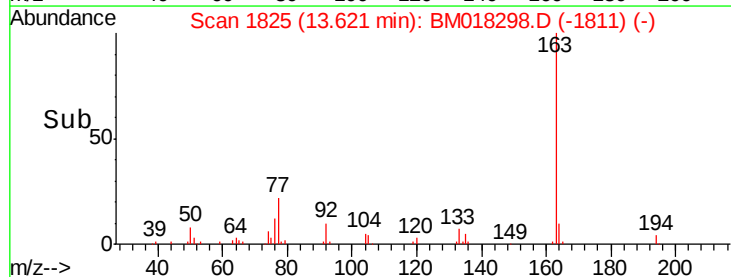
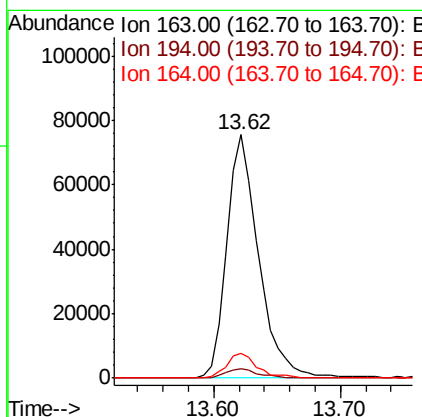
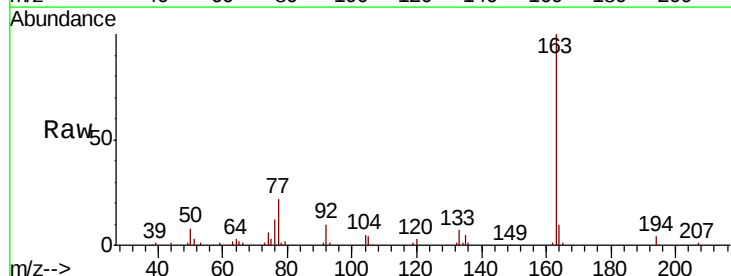
Instrument :
 BNA_M
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 P001-SS022-0612-02

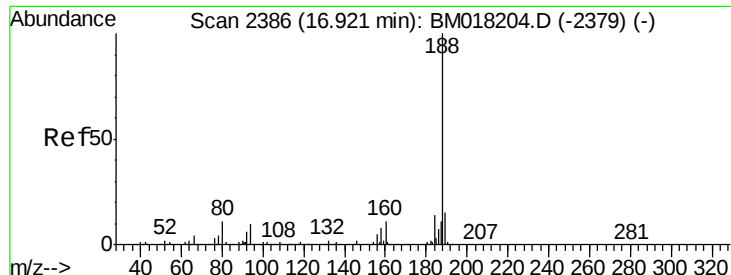
Tgt Ion:172 Resp: 1023229
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.3 42.5
 170 22.5 18.1 27.1



#50
 Dimethylphthalate
 Concen: 8.274 ng
 RT: 13.62 min Scan# 1825
 Delta R.T. -0.02 min
 Lab File: BM018298.D
 Acq: 19 Dec 2018 15:08

Tgt Ion:163 Resp: 131054
 Ion Ratio Lower Upper
 163 100
 194 3.6 3.1 4.7
 164 10.4 7.9 11.9

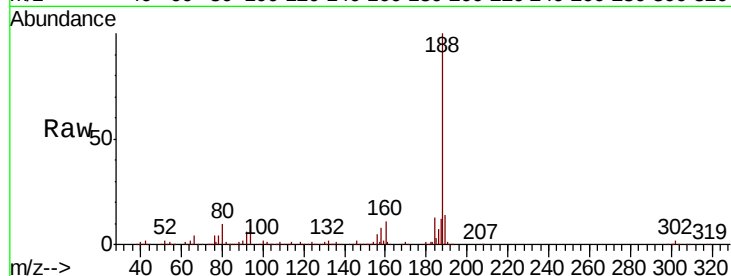




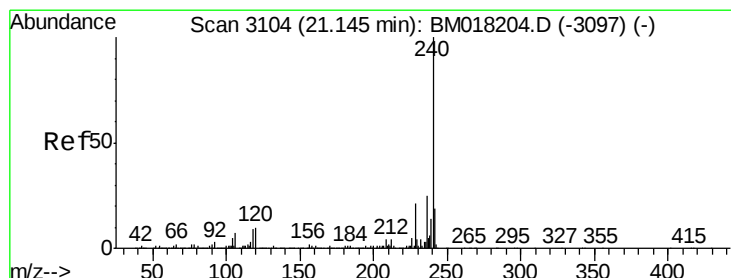
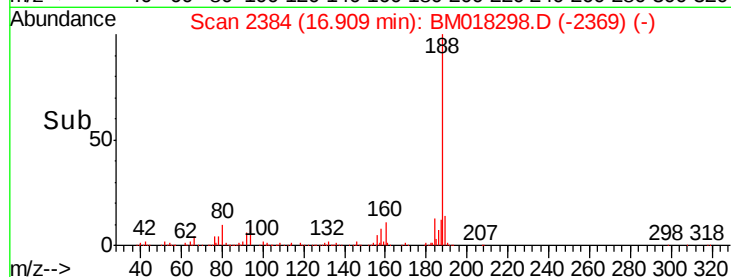
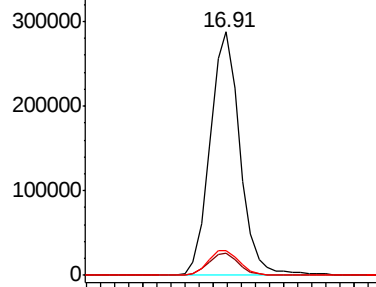
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.91 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018298.D
Acq: 19 Dec 2018 15:08

Instrument :
BNA_M
ClientSampleId :
P001-SS022-0612-02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.0	12.0
80	10.1	9.0	13.6

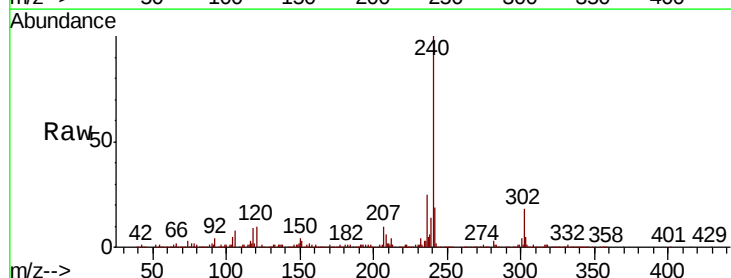


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

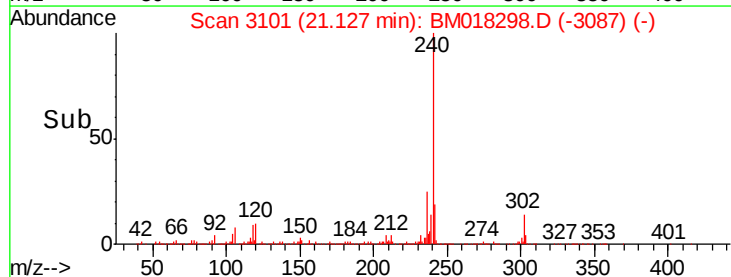
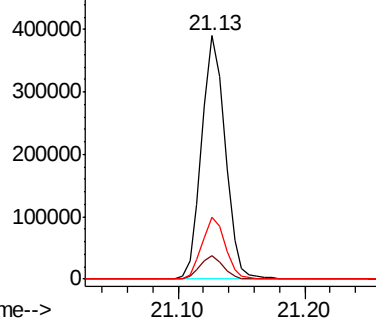


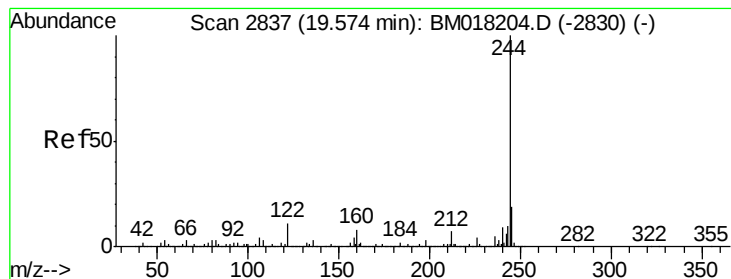
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BM018298.D
Acq: 19 Dec 2018 15:08

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.2	12.2
236	25.3	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: 70.339 ng

RT: 19.56 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM018298.D

Acq: 19 Dec 2018 15:08

Instrument :

BNA_M

ClientSampleId :

P001-SS022-0612-02

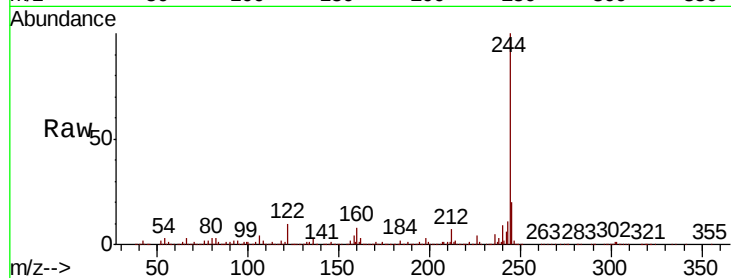
Tgt Ion:244 Resp: 1559540

Ion Ratio Lower Upper

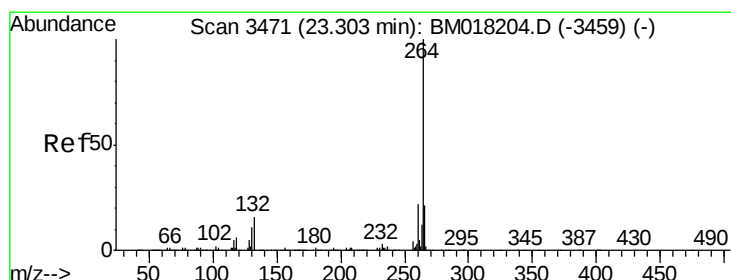
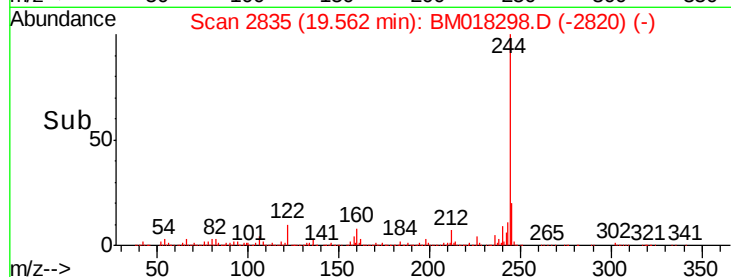
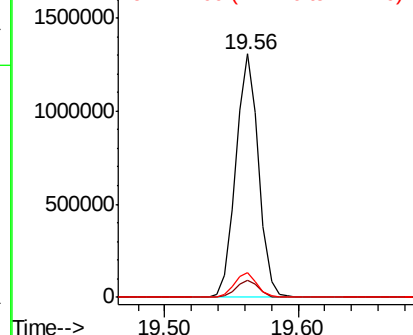
244 100

212 7.1 5.8 8.8

122 10.2 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: BM018298.D

Acq: 19 Dec 2018 15:08

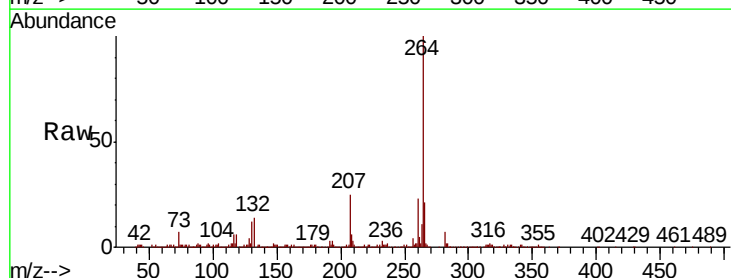
Tgt Ion:264 Resp: 545316

Ion Ratio Lower Upper

264 100

260 22.6 17.5 26.3

265 20.8 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

