

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102318\
 Data File : BM017297.D
 Acq On : 23 Oct 2018 22:42
 Operator : MJ/SJ
 Sample : J5604-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MS-VB-29736-BOX-2

Quant Time: Oct 24 07:50:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

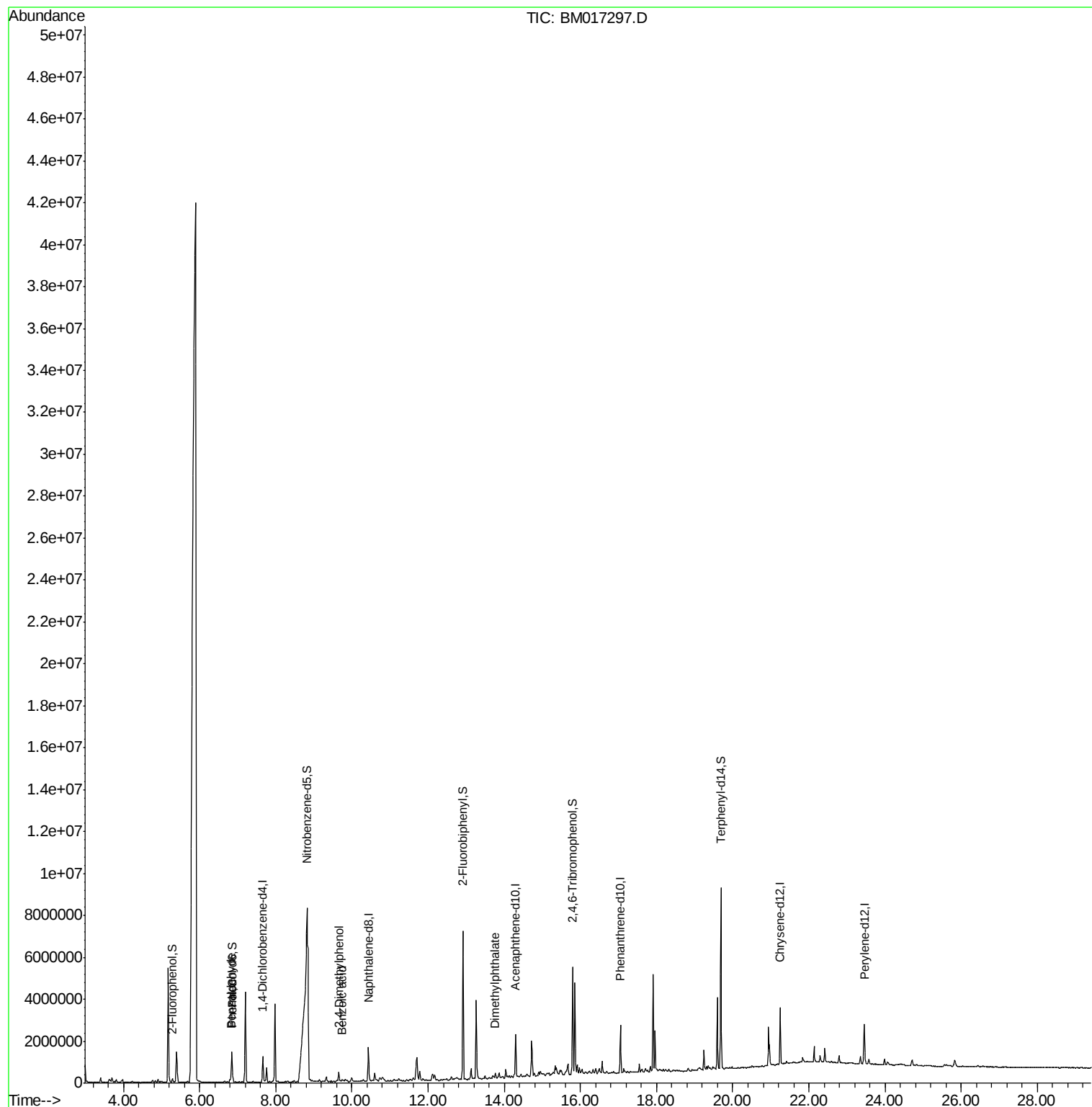
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	331467	20.00	ng	-0.01
21) Naphthalene-d8	10.43	136	1281819	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	669203	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	1324290	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	1277961	20.00	ng	-0.02
87) Perylene-d12	23.46	264	1350458	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	80685	4.12	ng	0.00
7) Phenol-d6	6.85	99	767021	28.74	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1611690	73.54	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	938051	103.65	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	3611149	71.80	ng	-0.02
79) Terphenyl-d14	19.69	244	4062308	71.65	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.82	77	55660	3.271	ng	99
10) Phenol	6.87	94	119038	4.144	ng	99
27) 2,4-Dimethylphenol	9.66	122	127483	7.966	ng	94
32) Benzoic acid	9.73	122	25285	2.118	ng	88
50) Dimethylphthalate	13.76	163	150383	2.913	ng	98

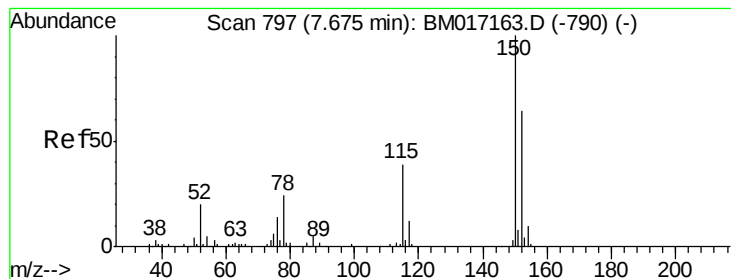
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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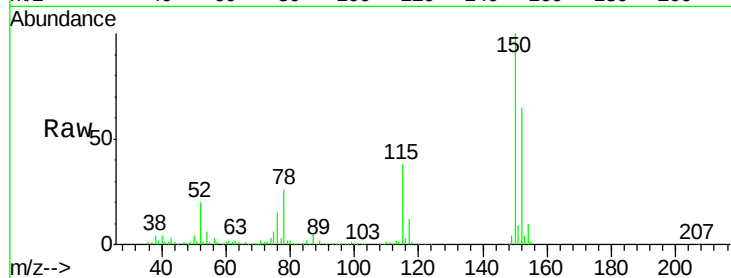


#1

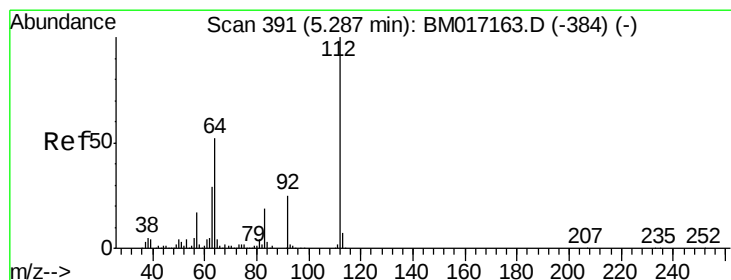
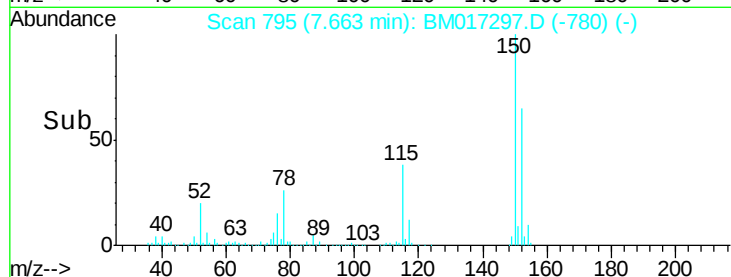
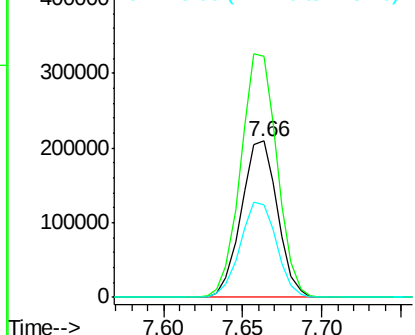
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM017297.D
Acq: 23 Oct 2018 22:42

Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2

Tgt Ion:152 Resp: 331467
Ion Ratio Lower Upper
152 100
150 154.1 124.3 186.5
115 59.0 48.1 72.1



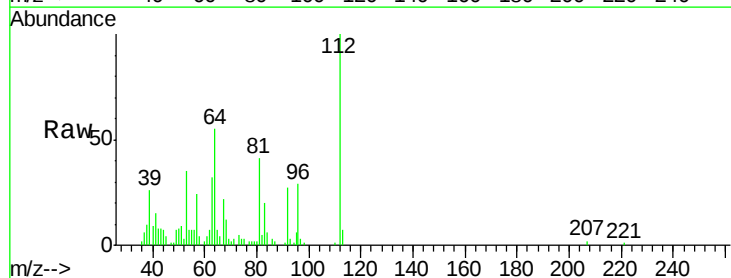
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



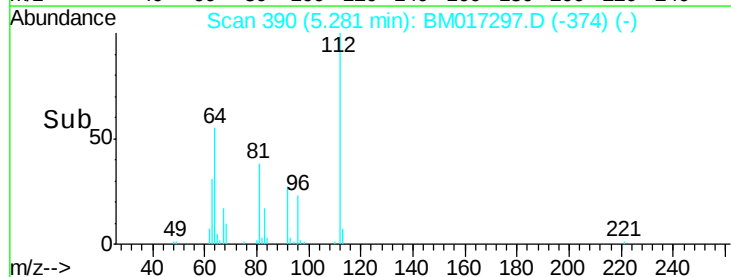
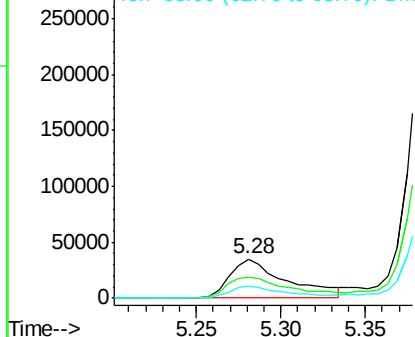
#5

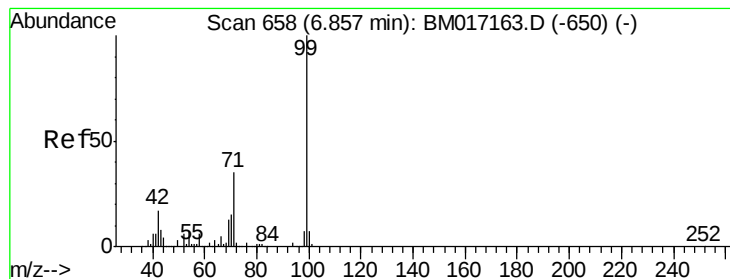
2-Fluorophenol
Concen: 4.117 ng
RT: 5.28 min Scan# 390
Delta R.T. -0.01 min
Lab File: BM017297.D
Acq: 23 Oct 2018 22:42

Tgt Ion:112 Resp: 80685
Ion Ratio Lower Upper
112 100
64 55.4 41.7 62.5
63 31.6 23.0 34.4



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: 28.737 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM017297.D

Acq: 23 Oct 2018 22:42

Instrument :

BNA_M

ClientSampleId :

MS-VB-29736-BOX-2

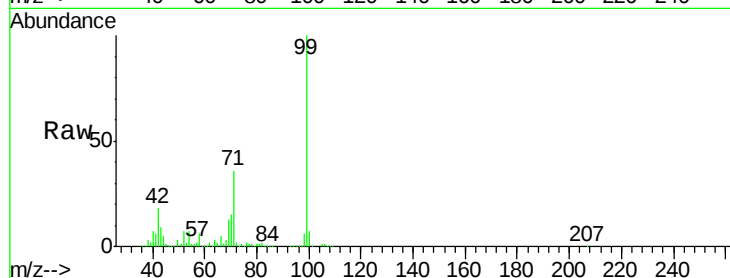
Tgt Ion: 99 Resp: 767021

Ion Ratio Lower Upper

99 100

42 17.6 13.3 19.9

71 35.7 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017163.D (-650) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-650) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-650) (-)

6.85

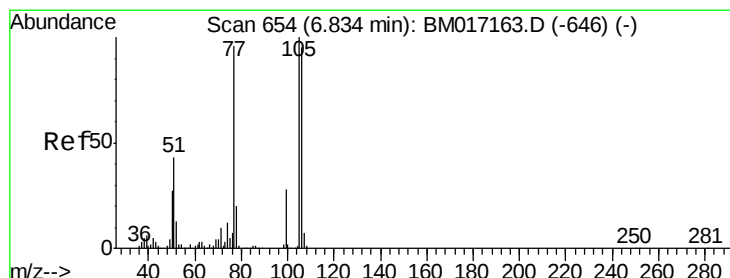
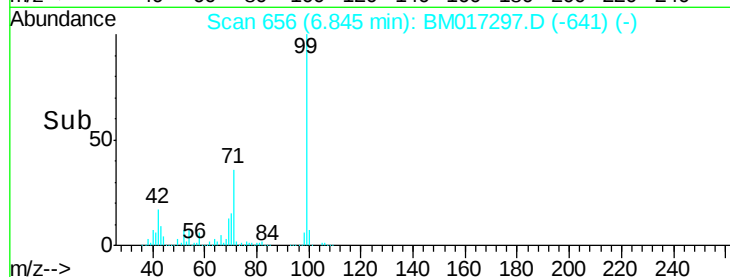
400000

200000

0

6.75 6.80 6.85 6.90 6.95

Time-->



#9

Benzaldehyde

Concen: 3.271 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM017297.D

Acq: 23 Oct 2018 22:42

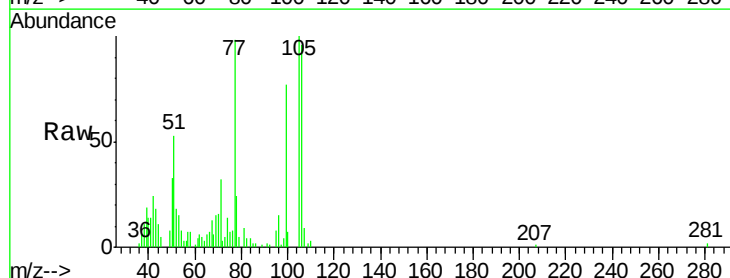
Tgt Ion: 77 Resp: 55660

Ion Ratio Lower Upper

77 100

105 102.1 83.9 123.9

106 98.4 78.2 118.2



Abundance Ion 77.00 (76.70 to 77.70): BM017163.D (-646) (-)

Ion 105.00 (104.70 to 105.70): BM017163.D (-646) (-)

Ion 106.00 (105.70 to 106.70): BM017163.D (-646) (-)

6.82

40000

30000

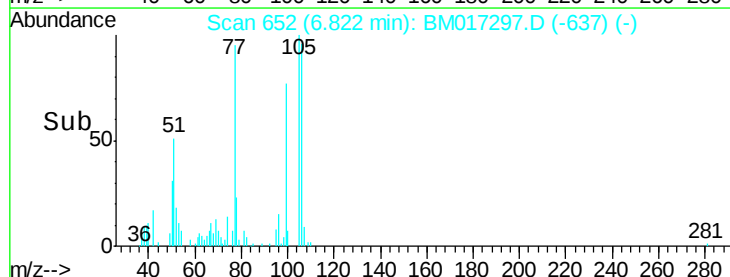
20000

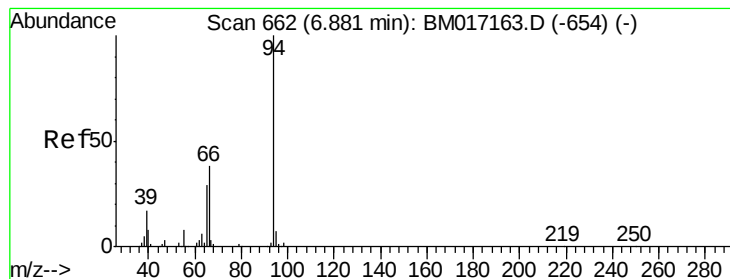
10000

0

6.75 6.80 6.85 6.90

Time-->





#10

Phenol

Concen: 4.144 ng

RT: 6.87 min Scan# 660

Delta R.T. -0.01 min

Lab File: BM017297.D

Acq: 23 Oct 2018 22:42

Instrument :

BNA_M

ClientSampleId :

MS-VB-29736-BOX-2

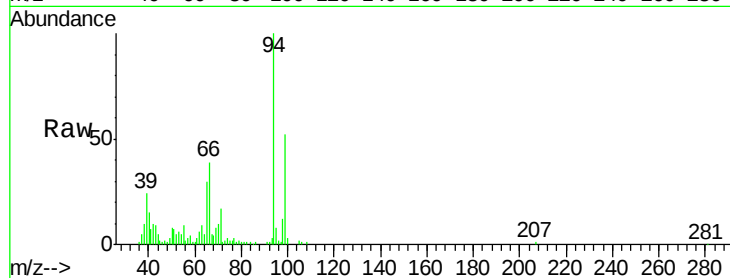
Tgt Ion: 94 Resp: 119038

Ion Ratio Lower Upper

94 100

65 29.5 9.4 49.4

66 39.5 19.0 59.0

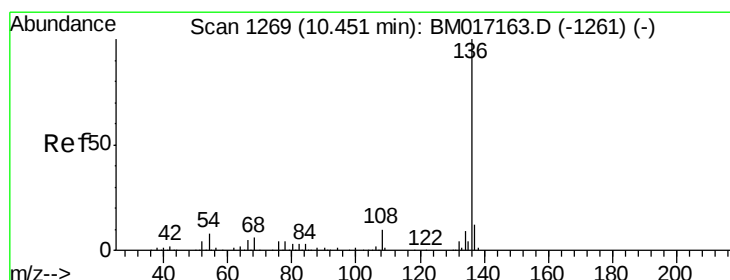
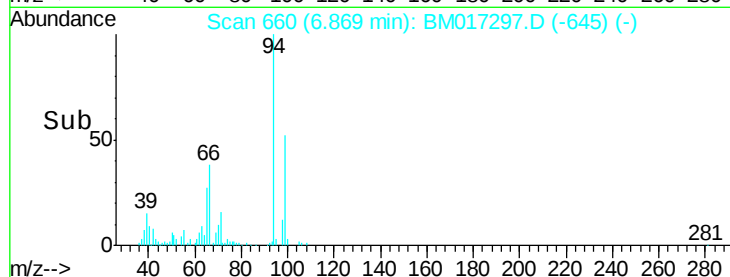
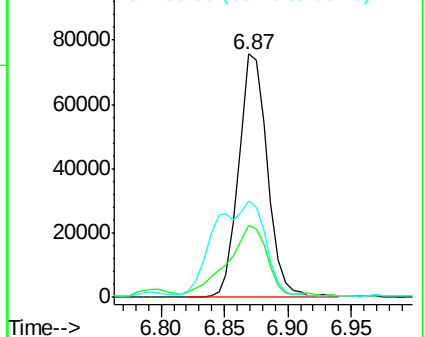


Abundance

Ion 94.00 (93.70 to 94.70): BM017163.D (-654) (-)

Ion 65.00 (64.70 to 65.70): BM017163.D (-654) (-)

Ion 66.00 (65.70 to 66.70): BM017163.D (-654) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BM017297.D

Acq: 23 Oct 2018 22:42

Tgt Ion: 136 Resp: 1281819

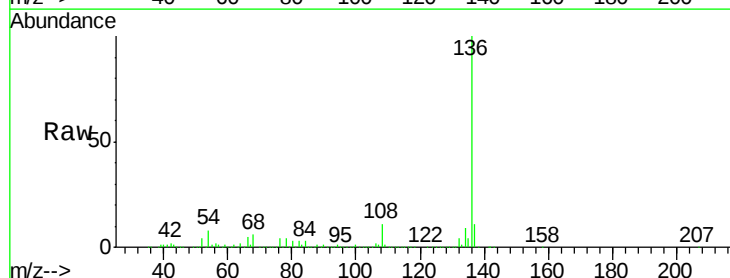
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 8.0 6.7 10.1

68 5.9 4.7 7.1



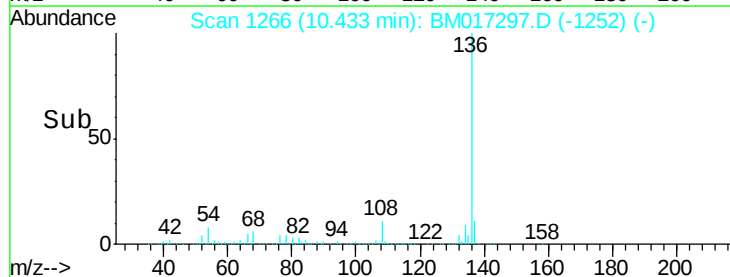
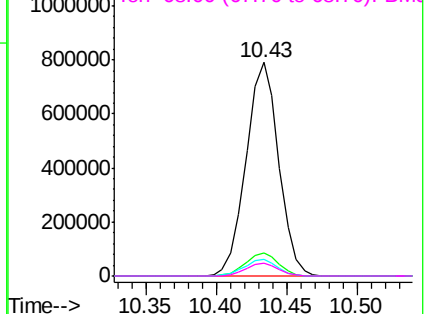
Abundance

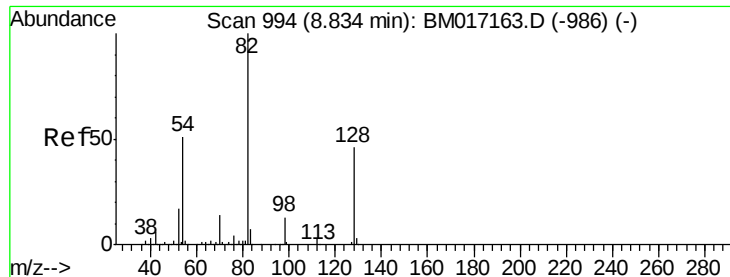
Ion 136.00 (135.70 to 136.70): BM017163.D (-1261) (-)

Ion 137.00 (136.70 to 137.70): BM017163.D (-1261) (-)

Ion 54.00 (53.70 to 54.70): BM017163.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM017163.D (-1261) (-)

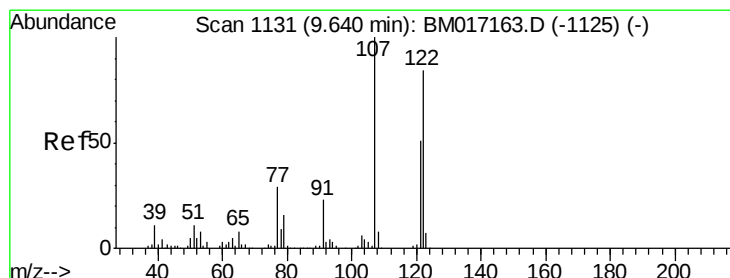
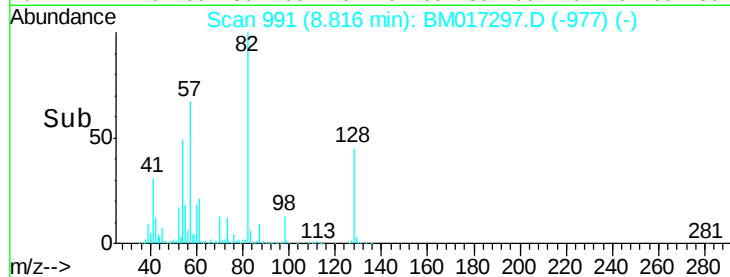
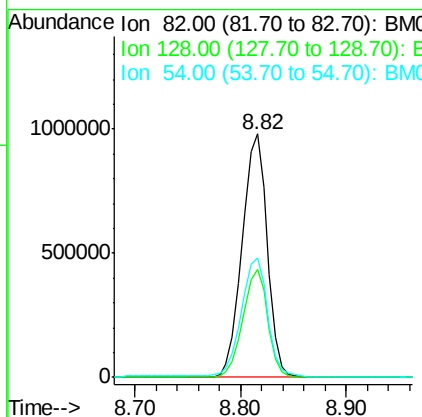
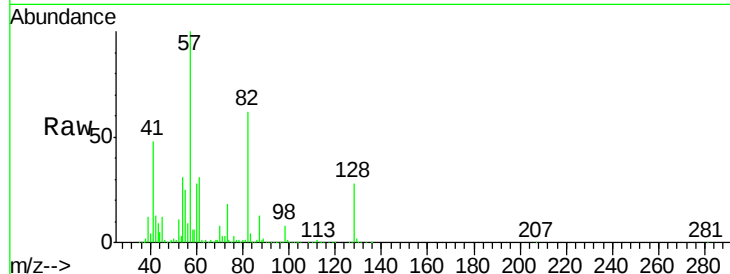




#23
 Nitrobenzene-d5
 Concen: 73.537 ng
 RT: 8.82 min Scan# 991
 Delta R.T. -0.02 min
 Lab File: BM017297.D
 Acq: 23 Oct 2018 22:42

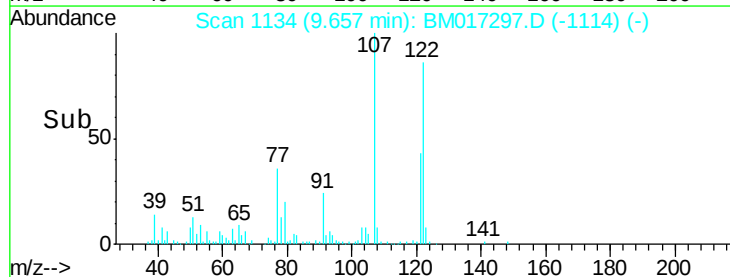
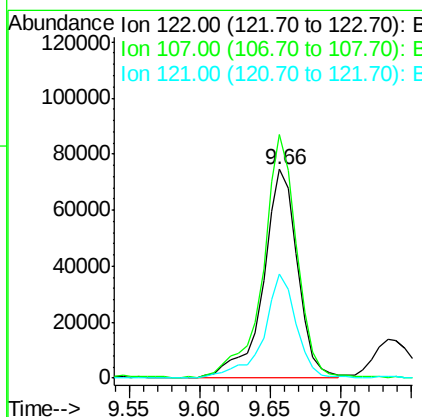
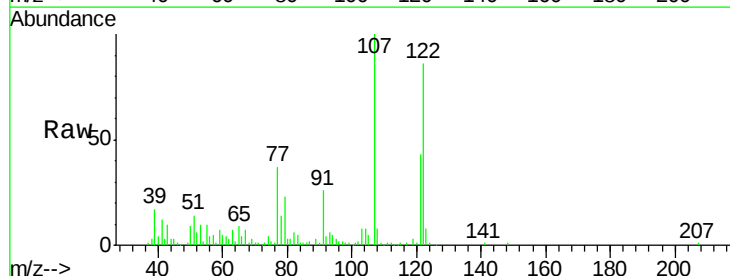
Instrument :
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 MS-VB-29736-BOX-2

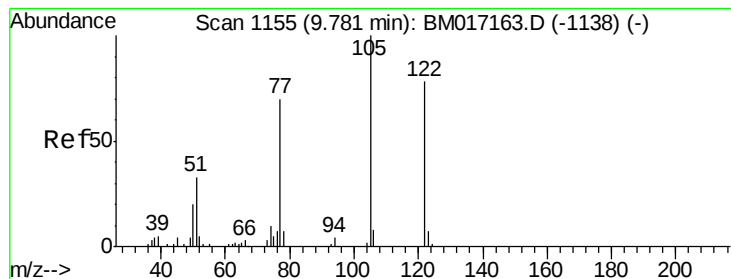
Tgt Ion: 82 Resp: 1611690
 Ion Ratio Lower Upper
 82 100
 128 44.5 37.0 55.6
 54 49.2 40.7 61.1



#27
 2,4-Dimethylphenol
 Concen: 7.966 ng
 RT: 9.66 min Scan# 1134
 Delta R.T. 0.02 min
 Lab File: BM017297.D
 Acq: 23 Oct 2018 22:42

Tgt Ion: 122 Resp: 127483
 Ion Ratio Lower Upper
 122 100
 107 116.7 95.0 142.6
 121 49.7 48.2 72.4





#32

Benzoic acid

Concen: 2.118 ng

RT: 9.73 min Scan# 1147

Delta R.T. -0.05 min

Lab File: BM017297.D

Acq: 23 Oct 2018 22:42

Instrument :

BNA_M

ClientSampleId :

MS-VB-29736-BOX-2

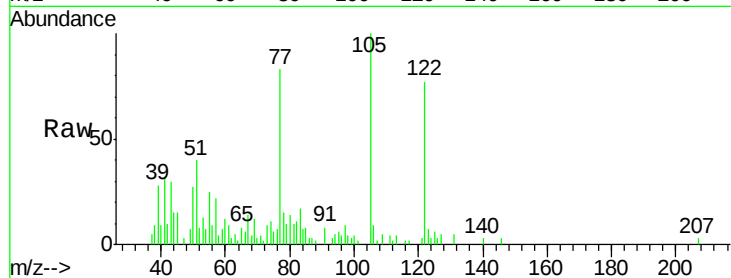
Tgt Ion:122 Resp: 25285

Ion Ratio Lower Upper

122 100

105 129.3 102.0 142.0

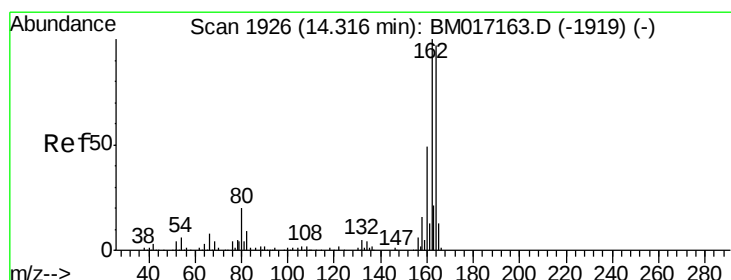
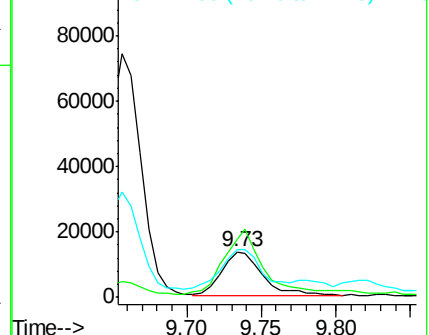
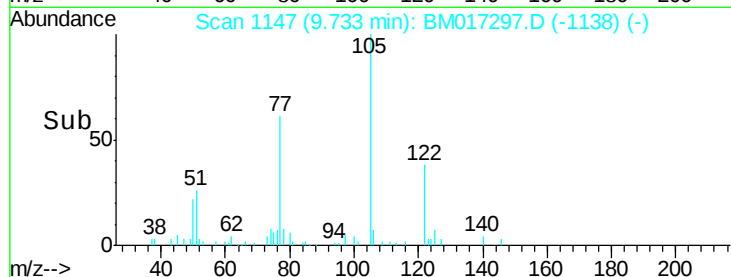
77 106.7 67.7 107.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1923

Delta R.T. -0.02 min

Lab File: BM017297.D

Acq: 23 Oct 2018 22:42

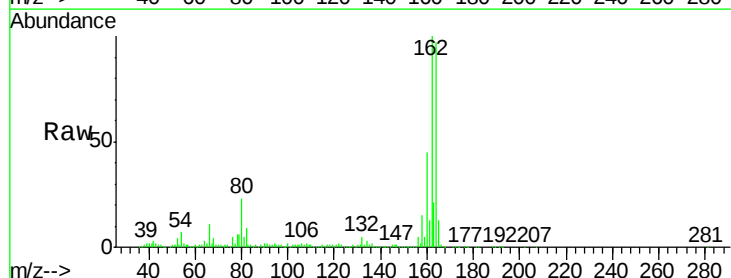
Tgt Ion:164 Resp: 669203

Ion Ratio Lower Upper

164 100

162 102.9 82.1 123.1

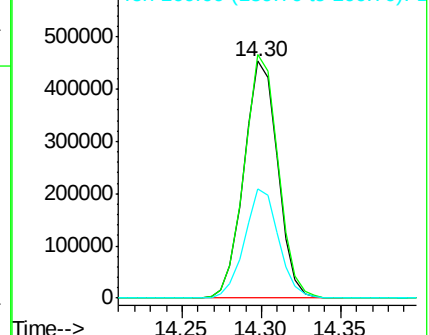
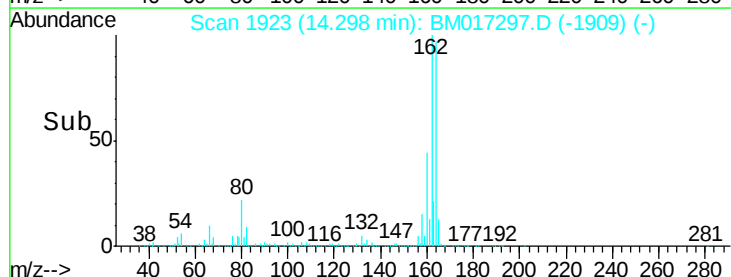
160 45.9 40.2 60.2

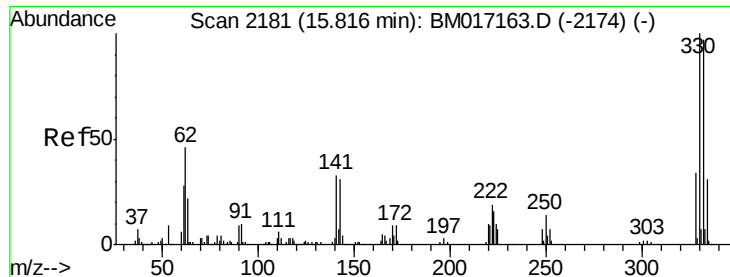


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

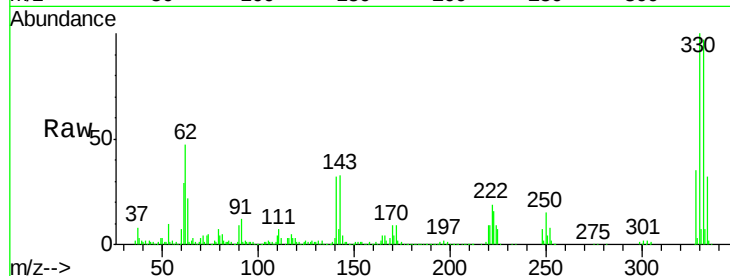




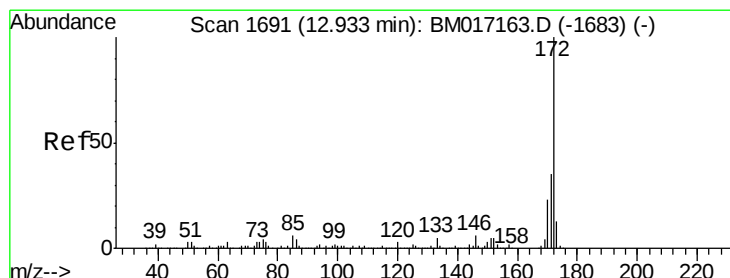
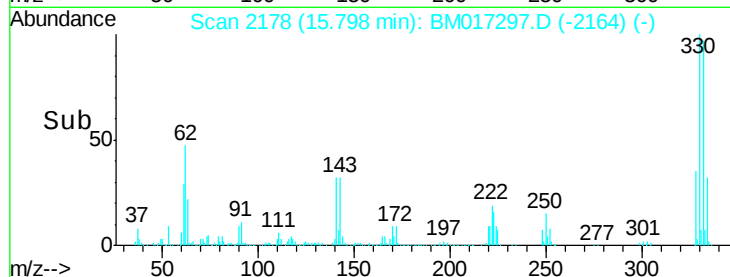
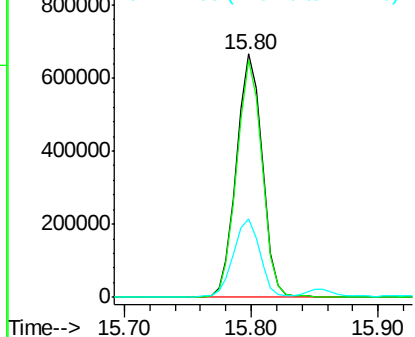
#42
 2,4,6-Tribromophenol
 Concen: 103.652 ng
 RT: 15.80 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BM017297.D
 Acq: 23 Oct 2018 22:42

Instrument :
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Tgt Ion:330 Resp: 938051
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.3 115.9
 141 32.8 27.4 41.0

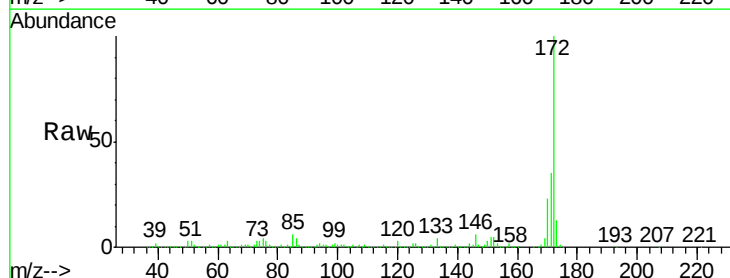


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

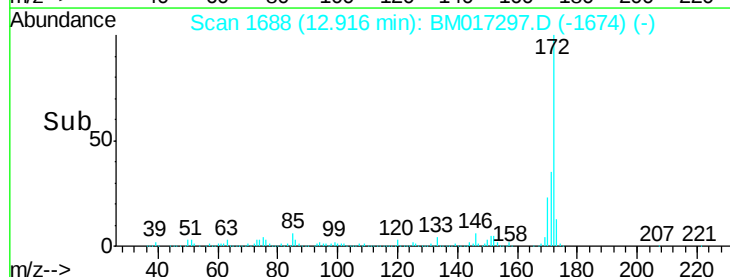
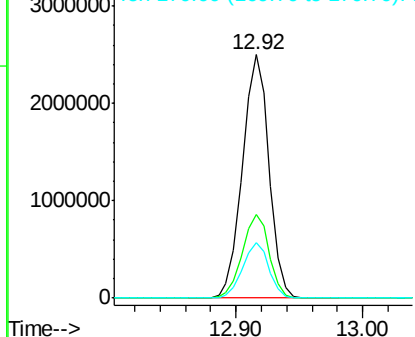


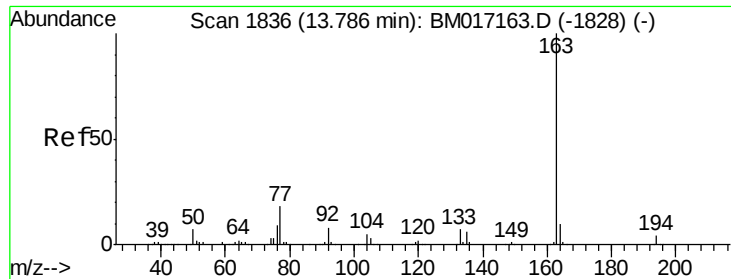
#45
 2-Fluorobiphenyl
 Concen: 71.799 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BM017297.D
 Acq: 23 Oct 2018 22:42

Tgt Ion:172 Resp: 3611149
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.3 42.5
 170 22.7 18.3 27.5



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





#50

Dimethylphthalate

Concen: 2.913 ng

RT: 13.76 min Scan# 1832

Delta R.T. -0.02 min

Lab File: BM017297.D

Acq: 23 Oct 2018 22:42

Instrument :

BNA_M

ClientSampleId :

MS-VB-29736-BOX-2

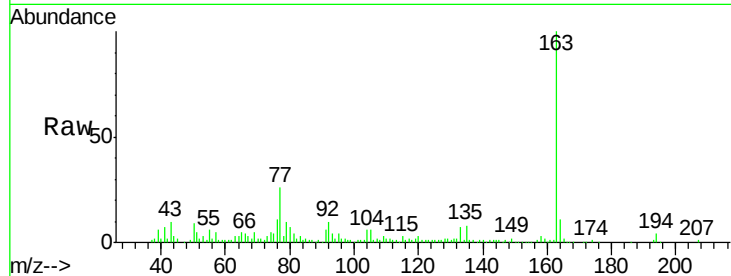
Tgt Ion:163 Resp: 150383

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

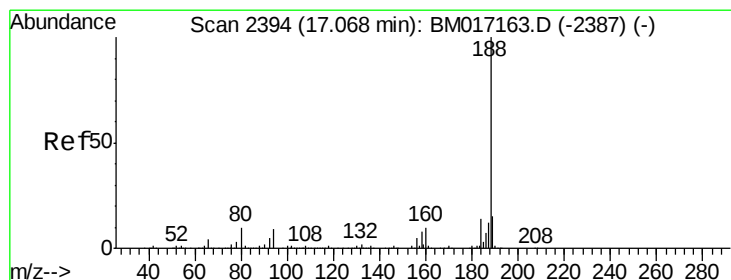
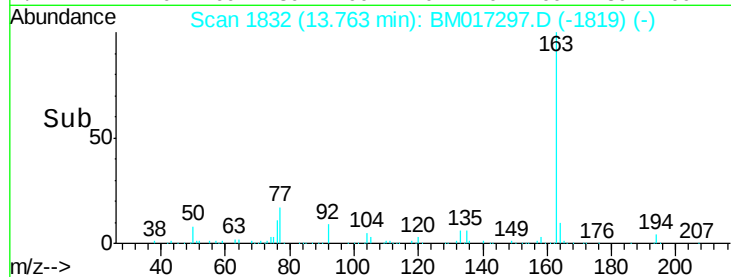
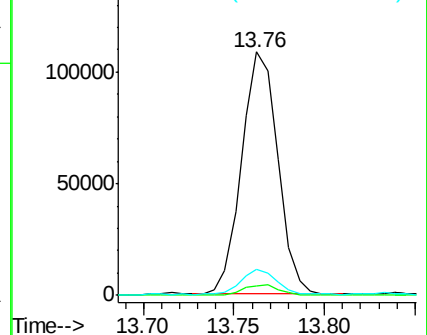
164 10.5 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2391

Delta R.T. -0.02 min

Lab File: BM017297.D

Acq: 23 Oct 2018 22:42

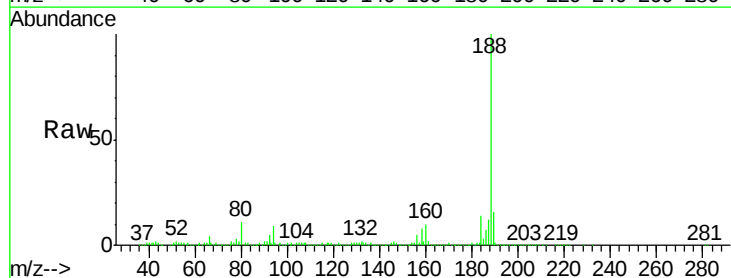
Tgt Ion:188 Resp: 1324290

Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.4

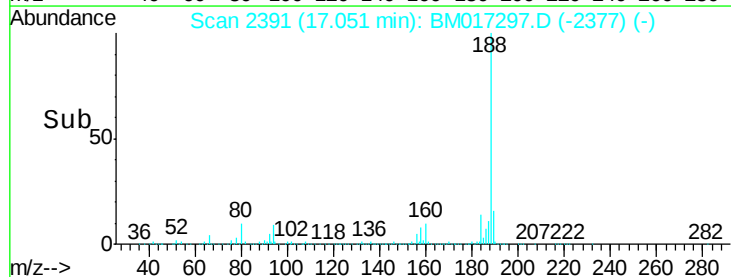
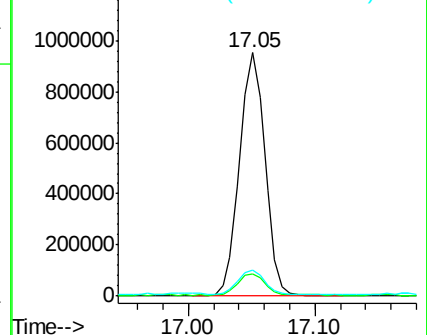
80 10.7 7.7 11.5

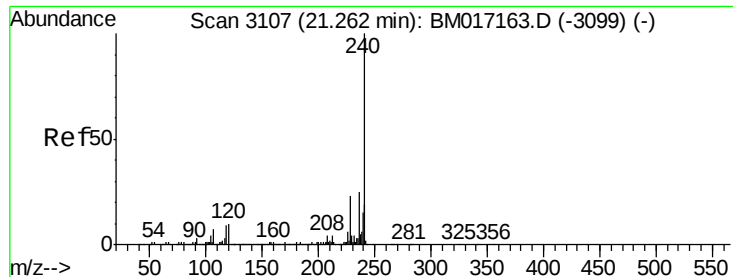


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

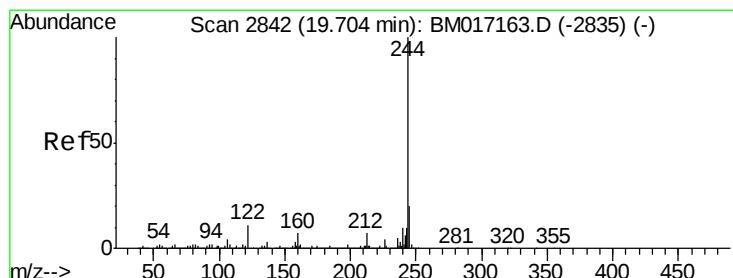
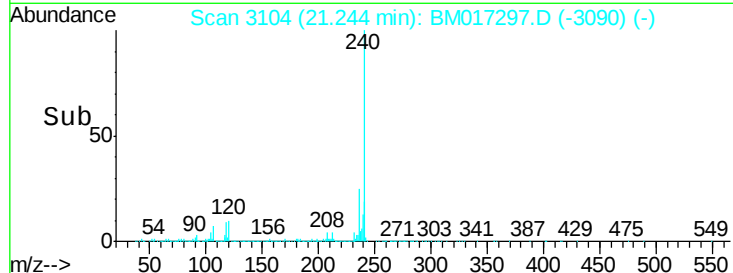
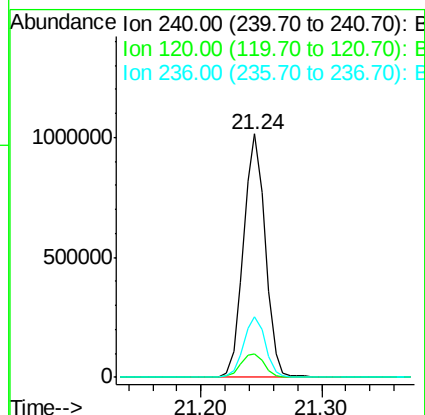
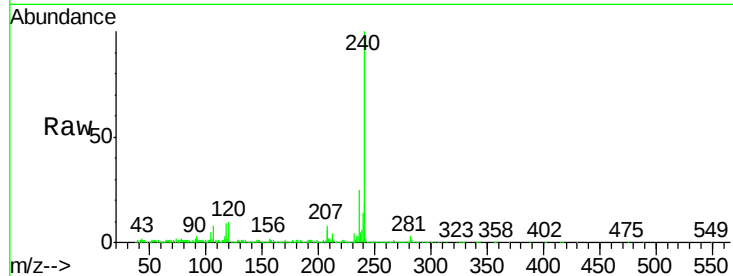




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.24 min Scan# 3104
Delta R.T. -0.02 min
Lab File: BM017297.D
Acq: 23 Oct 2018 22:42

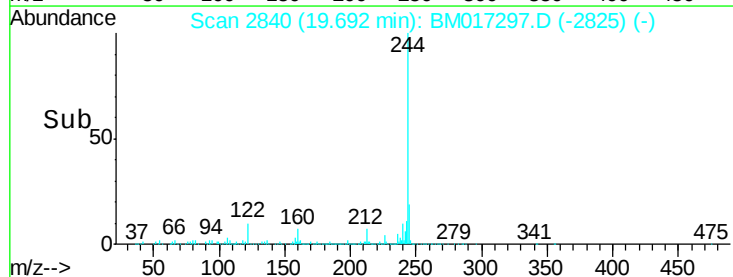
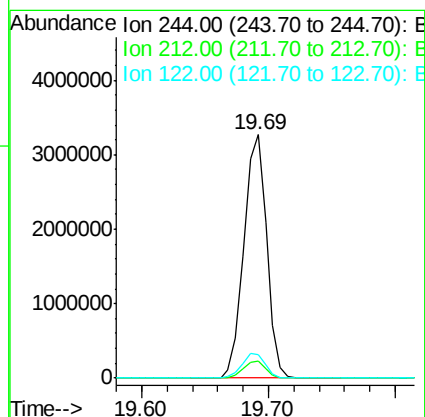
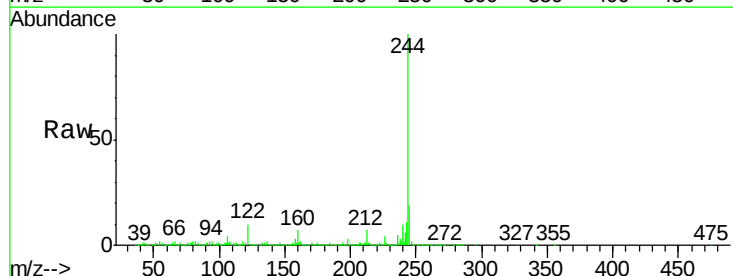
Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2

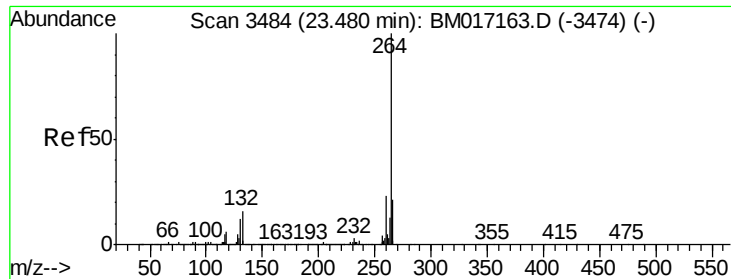
Tgt Ion:240 Resp: 1277961
Ion Ratio Lower Upper
240 100
120 9.9 8.1 12.1
236 24.7 19.9 29.9



#79
Terphenyl-d14
Concen: 71.649 ng
RT: 19.69 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BM017297.D
Acq: 23 Oct 2018 22:42

Tgt Ion:244 Resp: 4062308
Ion Ratio Lower Upper
244 100
212 7.0 5.5 8.3
122 9.9 8.4 12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3480
Delta R.T. -0.02 min
Lab File: BM017297.D
Acq: 23 Oct 2018 22:42

Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2

Tgt Ion: 264 Resp: 1350458

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.6	27.8
265	22.1	17.8	26.8

