

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102318\
 Data File : BM017298.D
 Acq On : 23 Oct 2018 23:18
 Operator : MJ/SJ
 Sample : J5604-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MS-VB-25868-BOX-1

Quant Time: Oct 24 07:56:12 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

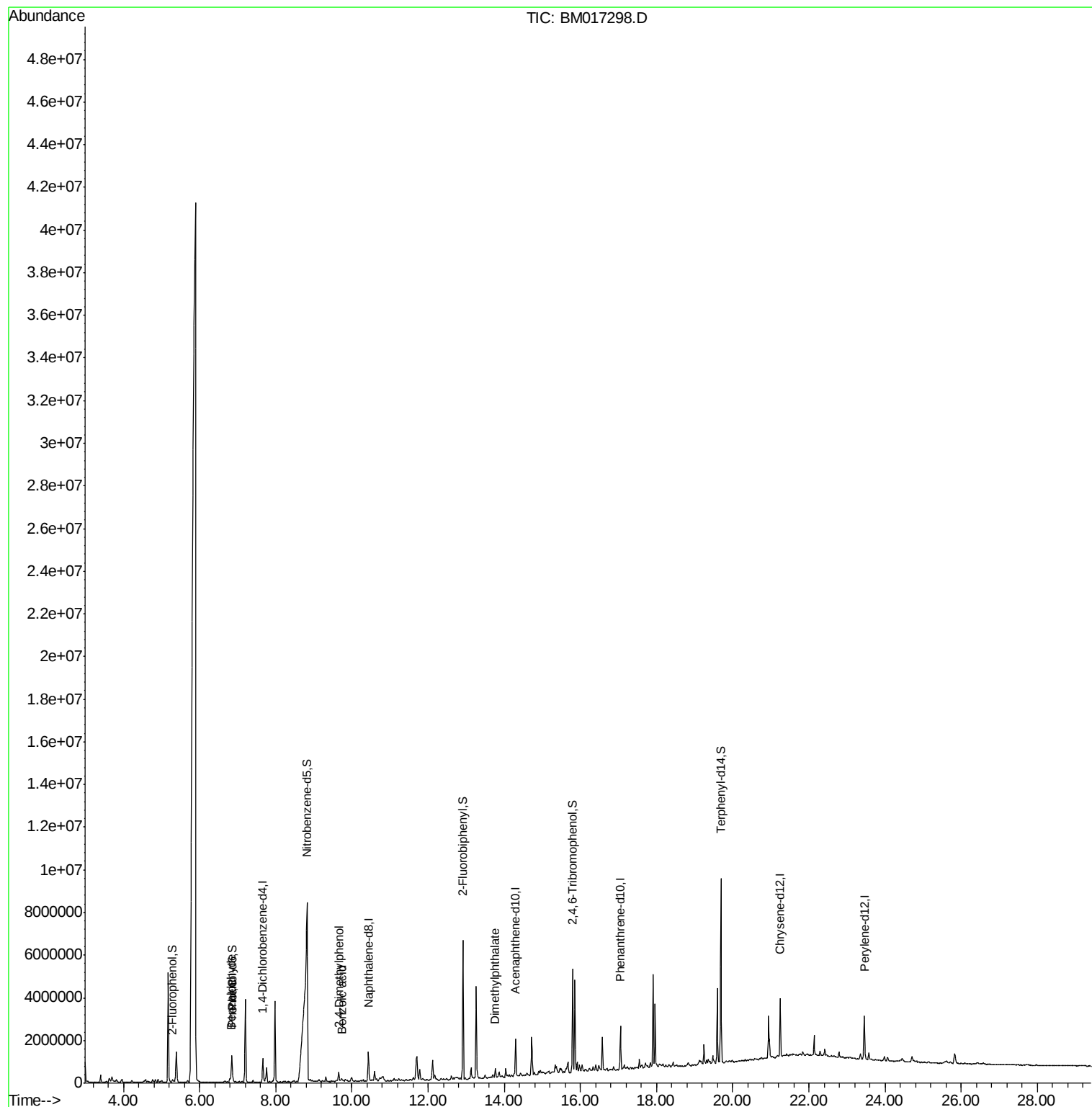
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	307308	20.00	ng	-0.01
21) Naphthalene-d8	10.43	136	1113588	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	579203	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	1188909	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	1295460	20.00	ng	-0.02
87) Perylene-d12	23.46	264	1405025	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	62594	3.44	ng	0.00
7) Phenol-d6	6.85	99	677927	27.40	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1532472	80.49	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	896956	114.51	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	3390041	77.88	ng	-0.02
79) Terphenyl-d14	19.69	244	4133407	71.92	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.82	77	64958	4.117	ng	Qvalue 96
10) Phenol	6.87	94	127408	4.784	ng	99
27) 2,4-Dimethylphenol	9.66	122	129275	9.299	ng	# 88
32) Benzoic acid	9.73	122	35508	3.423	ng	# 85
50) Dimethylphthalate	13.76	163	251660	5.632	ng	99

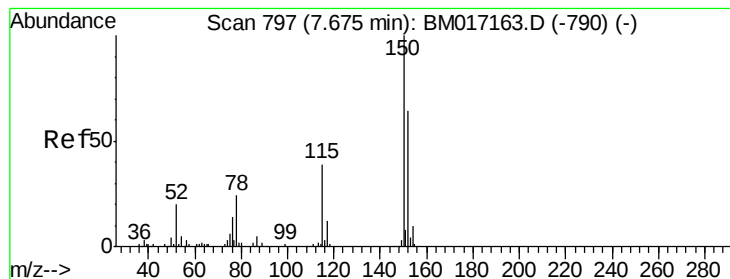
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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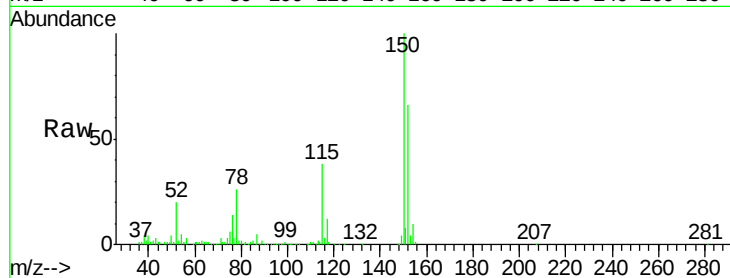


#1

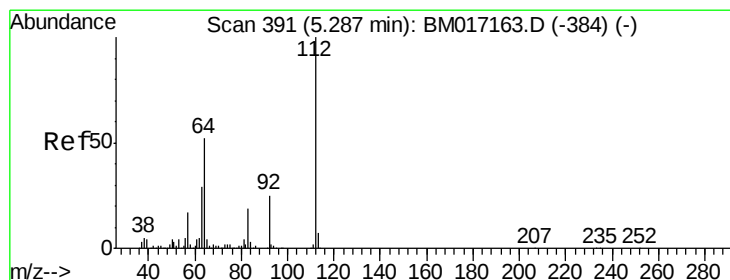
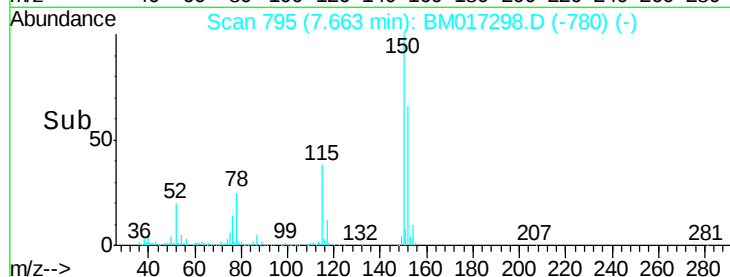
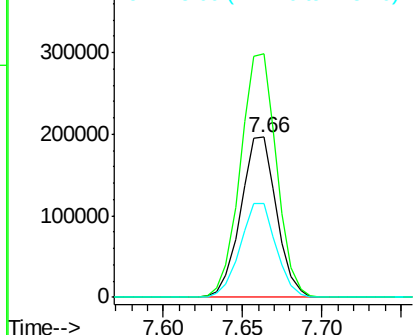
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM017298.D
Acq: 23 Oct 2018 23:18

Instrument :
BNA_M
ClientSampleId :
MS-VB-25868-BOX-1

Tgt Ion:152 Resp: 307308
Ion Ratio Lower Upper
152 100
150 152.0 124.3 186.5
115 58.2 48.1 72.1



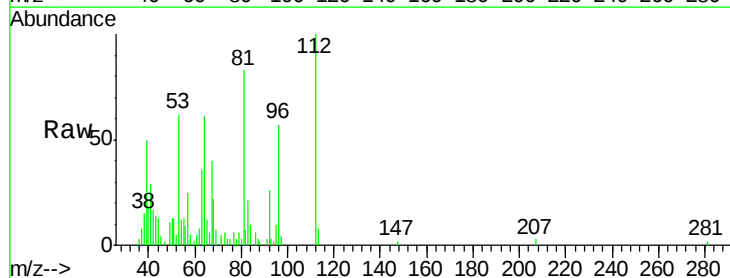
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



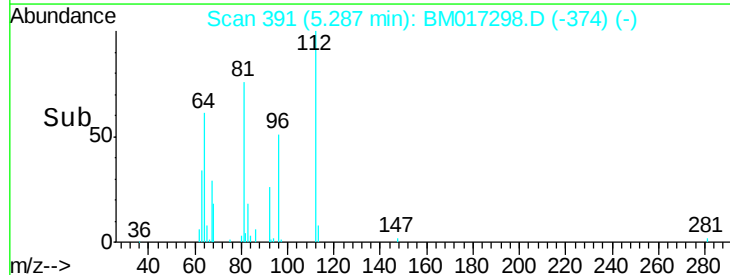
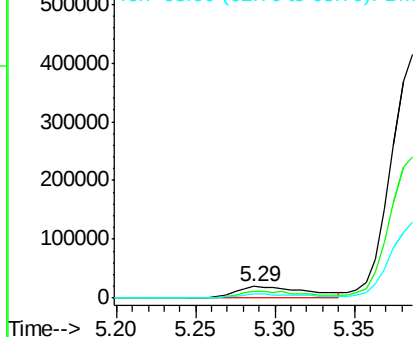
#5

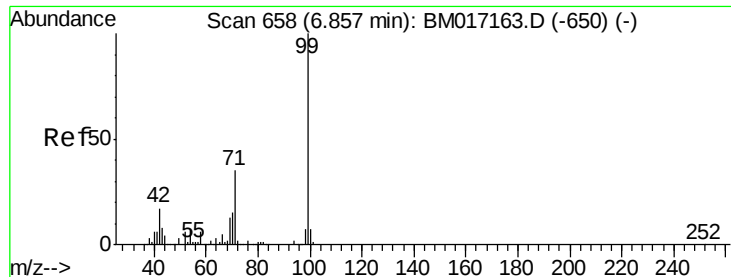
2-Fluorophenol
Concen: 3.445 ng
RT: 5.29 min Scan# 391
Delta R.T. 0.00 min
Lab File: BM017298.D
Acq: 23 Oct 2018 23:18

Tgt Ion:112 Resp: 62594
Ion Ratio Lower Upper
112 100
64 60.7 41.7 62.5
63 36.4 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: 27.396 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM017298.D

Acq: 23 Oct 2018 23:18

Instrument :

BNA_M

ClientSampleId :

MS-VB-25868-BOX-1

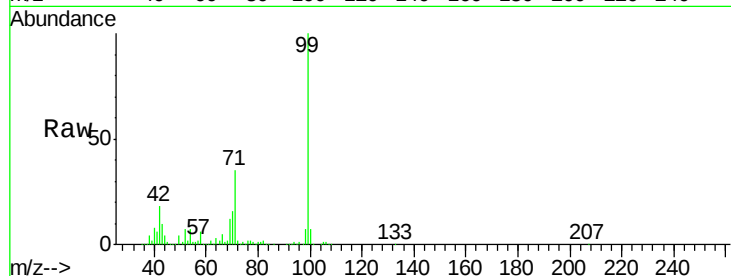
Tgt Ion: 99 Resp: 677927

Ion Ratio Lower Upper

99 100

42 17.6 13.3 19.9

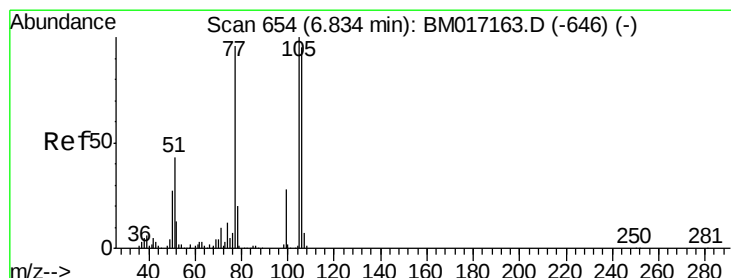
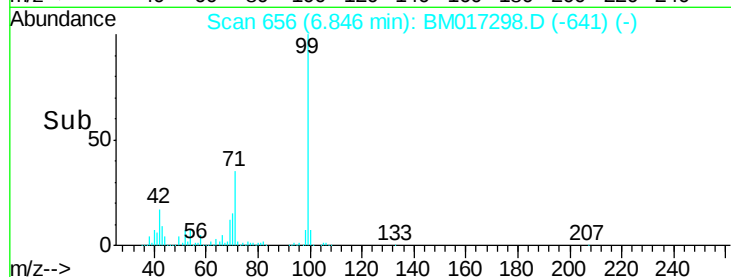
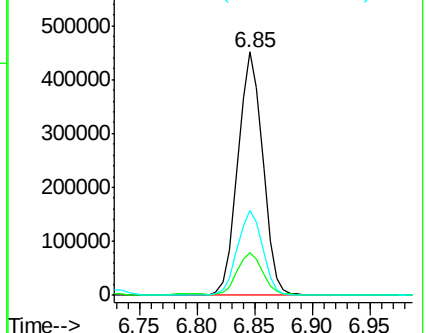
71 34.8 28.0 42.0



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) (-)



#9

Benzaldehyde

Concen: 4.117 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM017298.D

Acq: 23 Oct 2018 23:18

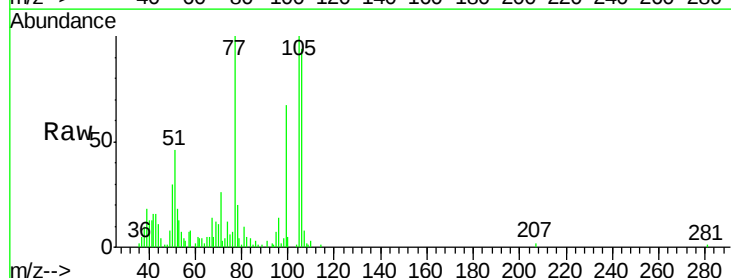
Tgt Ion: 77 Resp: 64958

Ion Ratio Lower Upper

77 100

105 99.6 83.9 123.9

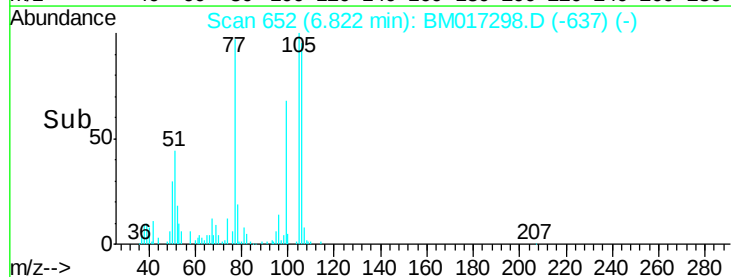
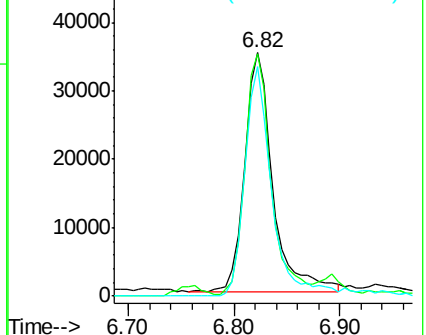
106 94.4 78.2 118.2

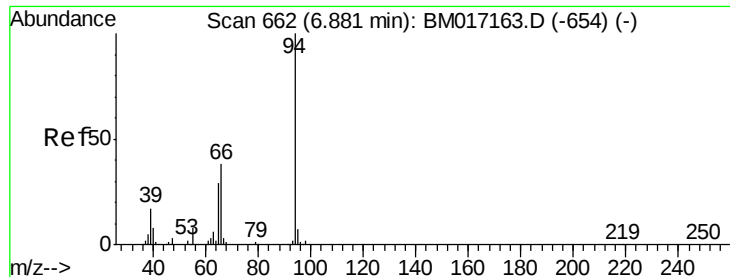


Abundance Ion 77.00 (76.70 to 77.70): BM017163.D (-646) (-)

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

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





#10

Phenol

Concen: 4.784 ng

RT: 6.87 min Scan# 660

Delta R.T. -0.01 min

Lab File: BM017298.D

Acq: 23 Oct 2018 23:18

Instrument :

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MS-VB-25868-BOX-1

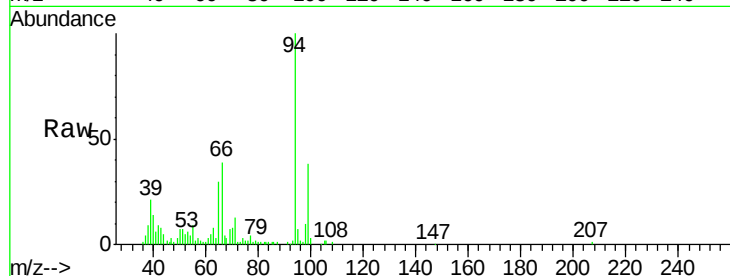
Tgt Ion: 94 Resp: 127408

Ion Ratio Lower Upper

94 100

65 30.2 9.4 49.4

66 39.1 19.0 59.0

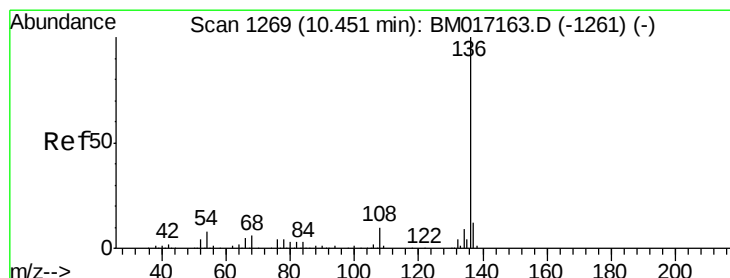
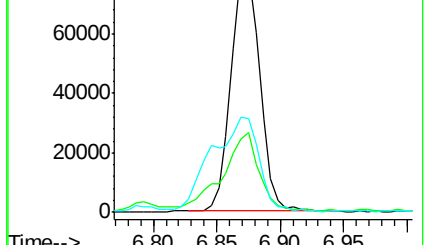
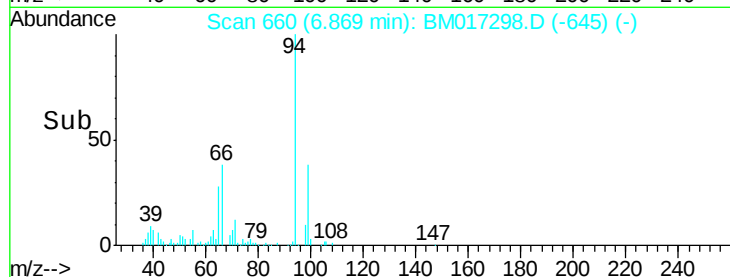


Abundance Ion 94.00 (93.70 to 94.70): BM017163.D (-654) (-)

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

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

6.87



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BM017298.D

Acq: 23 Oct 2018 23:18

Tgt Ion: 136 Resp: 1113588

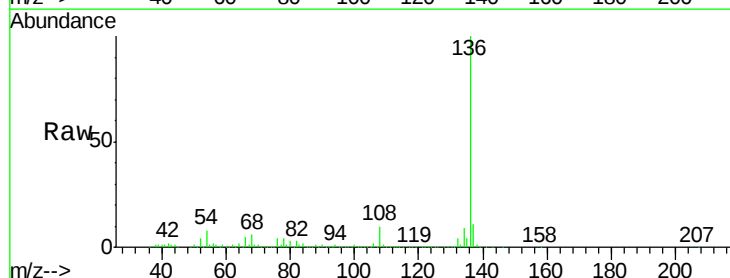
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 8.0 6.7 10.1

68 5.9 4.7 7.1



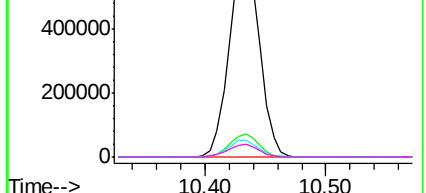
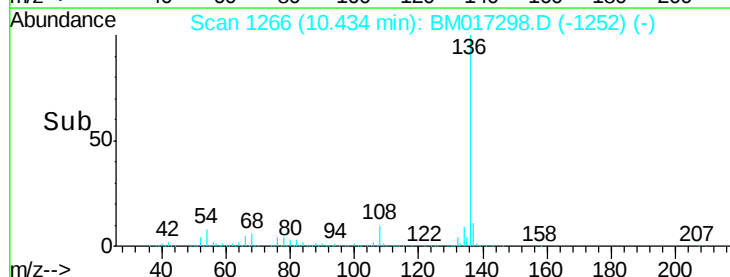
Abundance Ion 136.00 (135.70 to 136.70): BM017163.D (-1261) (-)

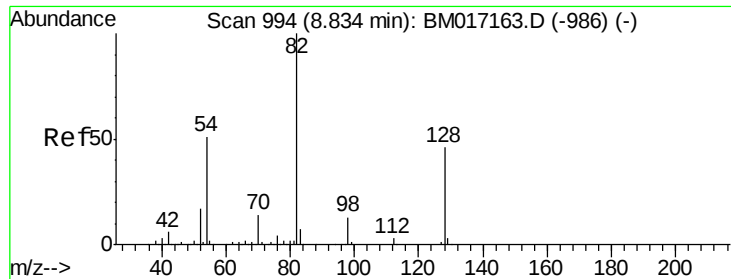
Ion 137.00 (136.70 to 137.70): BM017163.D (-1261) (-)

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

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

10.43

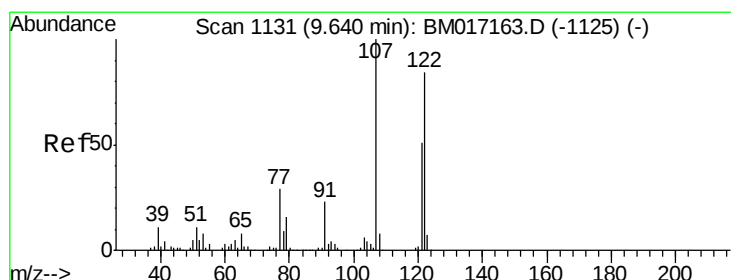
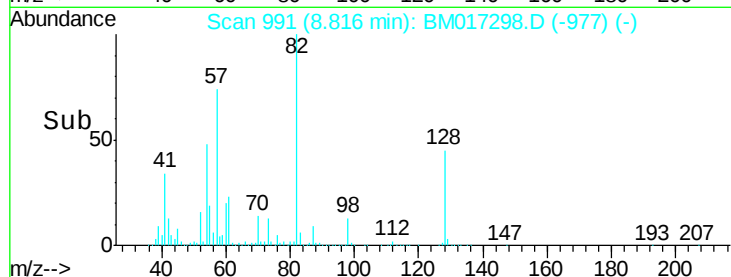
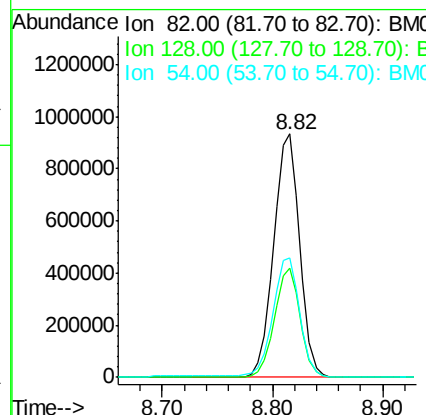
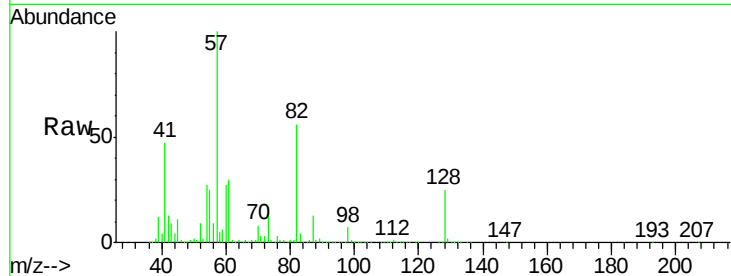




#23
 Nitrobenzene-d5
 Concen: 80.485 ng
 RT: 8.82 min Scan# 991
 Delta R.T. -0.02 min
 Lab File: BM017298.D
 Acq: 23 Oct 2018 23:18

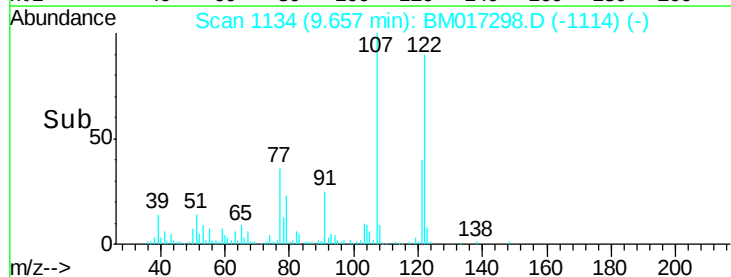
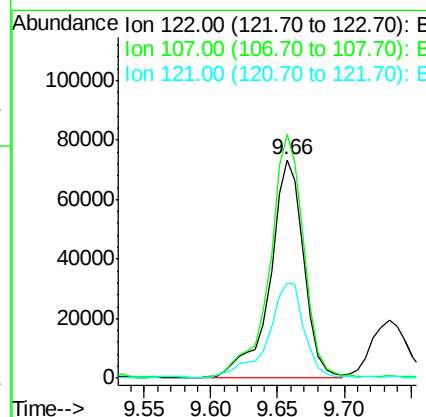
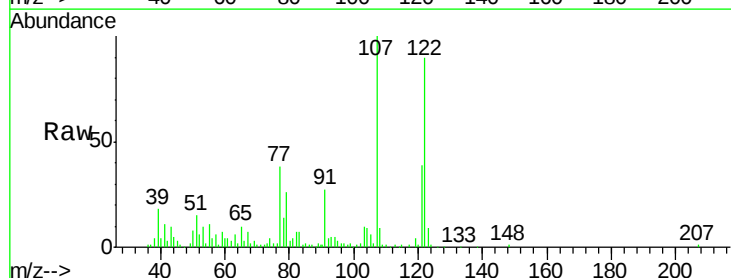
Instrument :
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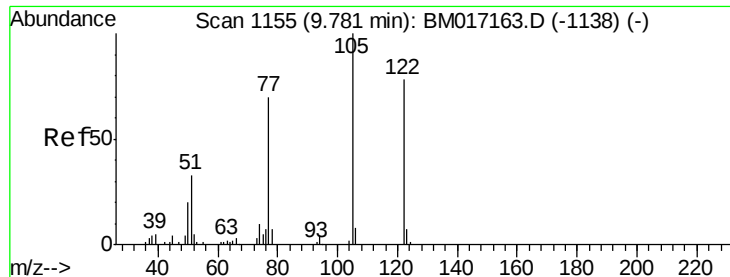
Tgt Ion: 82 Resp: 1532472
 Ion Ratio Lower Upper
 82 100
 128 45.1 37.0 55.6
 54 48.9 40.7 61.1



#27
 2,4-Dimethylphenol
 Concen: 9.299 ng
 RT: 9.66 min Scan# 1134
 Delta R.T. 0.02 min
 Lab File: BM017298.D
 Acq: 23 Oct 2018 23:18

Tgt Ion: 122 Resp: 129275
 Ion Ratio Lower Upper
 122 100
 107 111.5 95.0 142.6
 121 43.8 48.2 72.4#





#32

Benzoic acid

Concen: 3.423 ng

RT: 9.73 min Scan# 1147

Delta R.T. -0.05 min

Lab File: BM017298.D

Acq: 23 Oct 2018 23:18

Instrument :

BNA_M

ClientSampleId :

MS-VB-25868-BOX-1

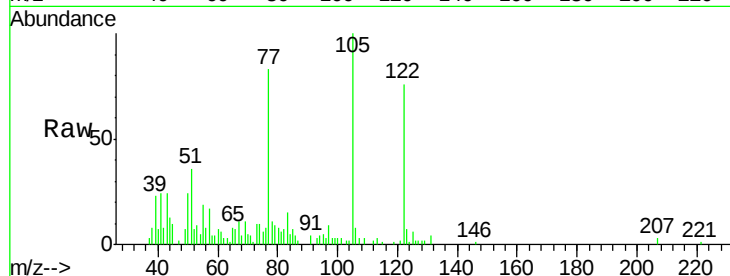
Tgt Ion:122 Resp: 35508

Ion Ratio Lower Upper

122 100

105 132.1 102.0 142.0

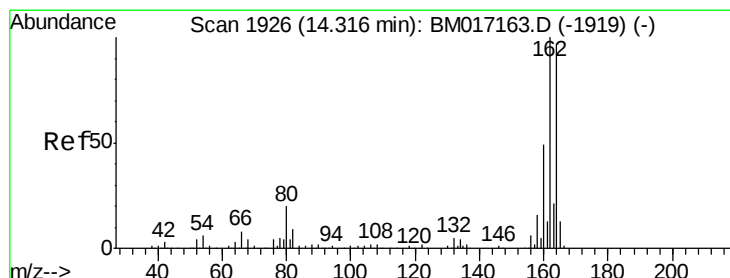
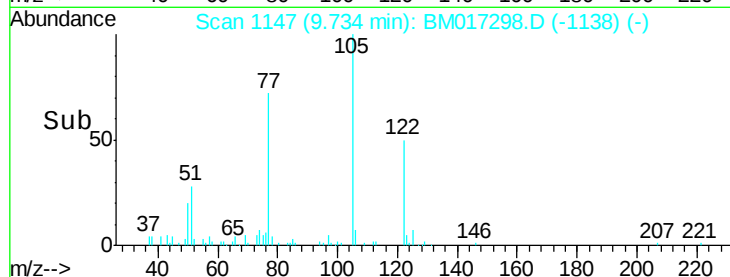
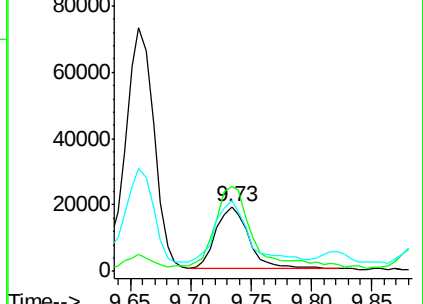
77 109.9 67.7 107.7#



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: BM017298.D

Acq: 23 Oct 2018 23:18

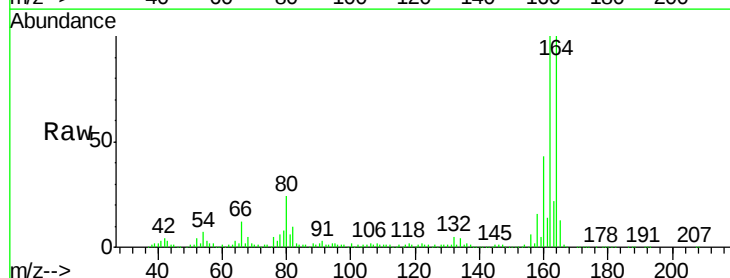
Tgt Ion:164 Resp: 579203

Ion Ratio Lower Upper

164 100

162 100.4 82.1 123.1

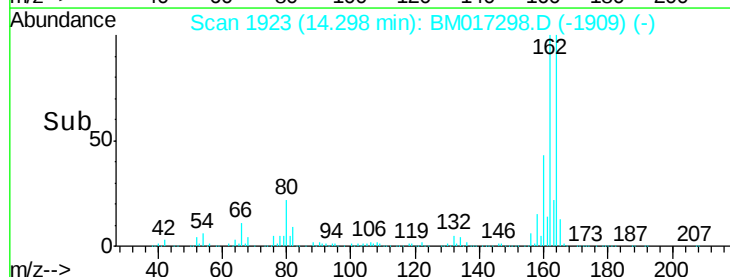
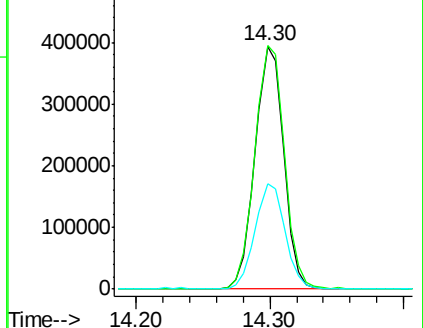
160 43.6 40.2 60.2

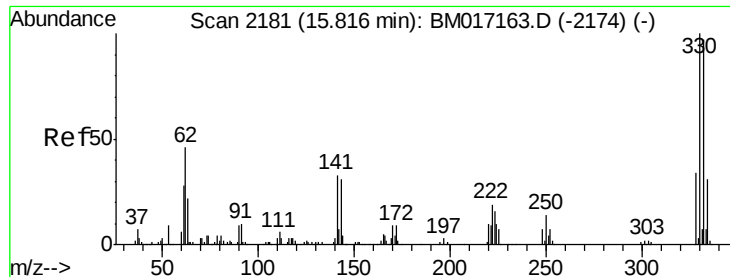


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 114.512 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BM017298.D

Acq: 23 Oct 2018 23:18

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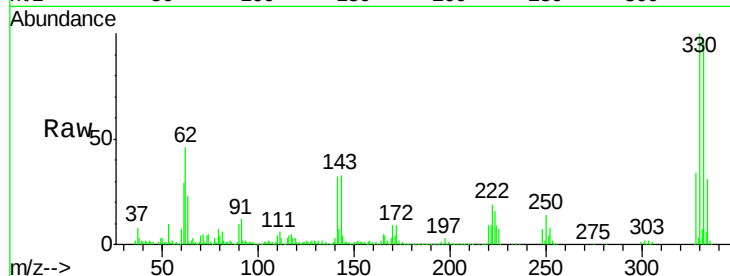
Tgt Ion:330 Resp: 896956

Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

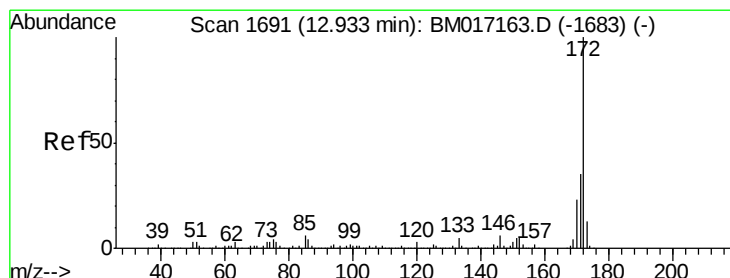
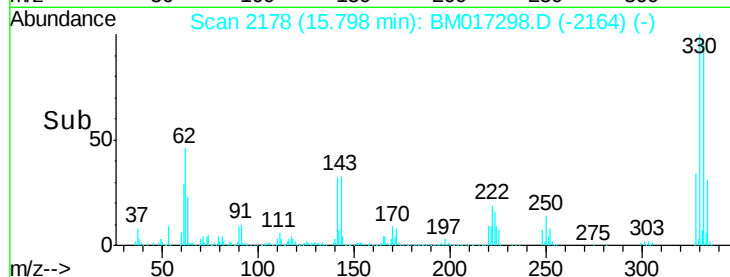
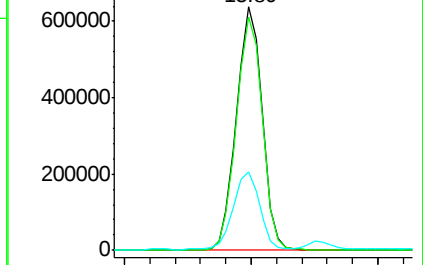
141 32.4 27.4 41.0



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: 77.876 ng

RT: 12.92 min Scan# 1688

Delta R.T. -0.02 min

Lab File: BM017298.D

Acq: 23 Oct 2018 23:18

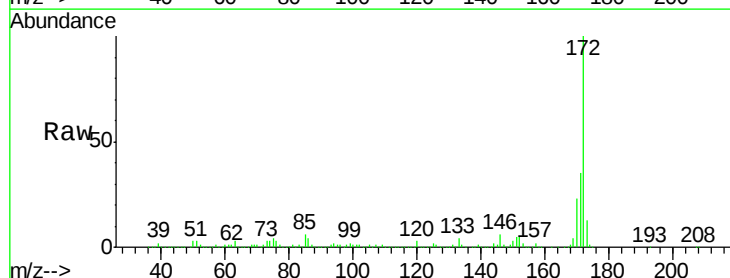
Tgt Ion:172 Resp: 3390041

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

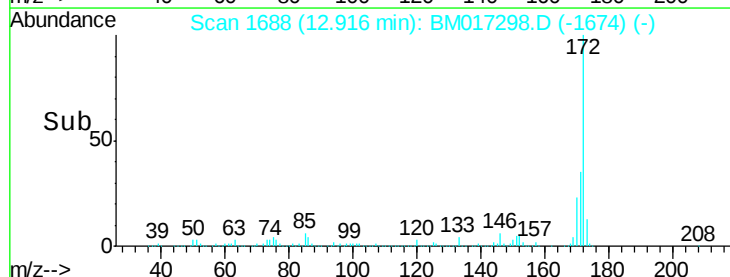
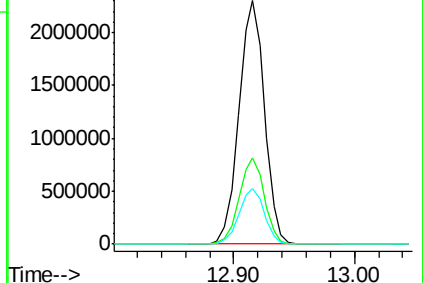
170 22.8 18.3 27.5

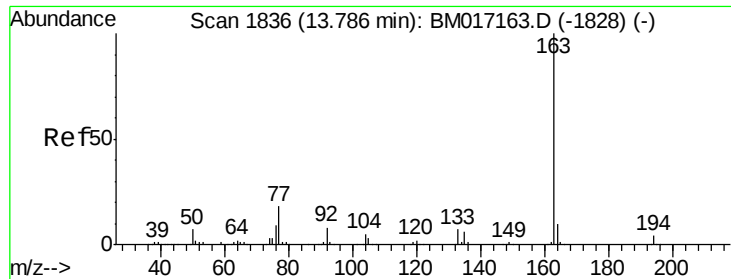


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 5.632 ng

RT: 13.76 min Scan# 1832

Delta R.T. -0.02 min

Lab File: BM017298.D

Acq: 23 Oct 2018 23:18

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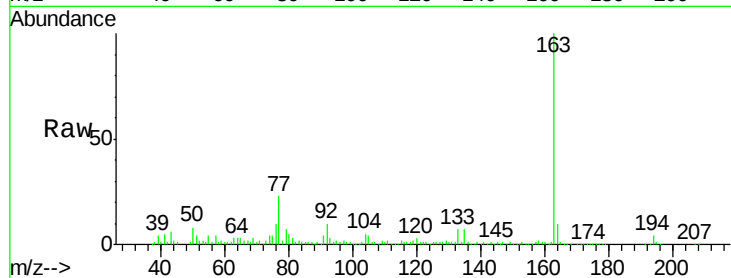
Tgt Ion:163 Resp: 251660

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

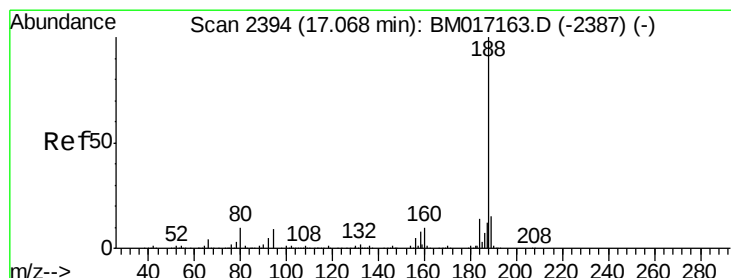
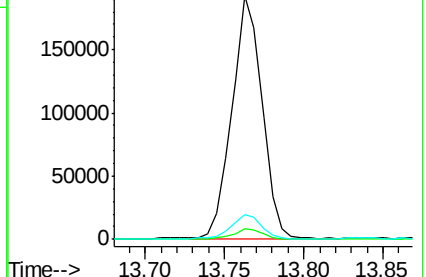
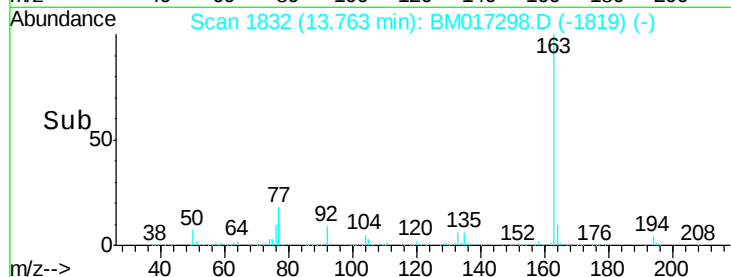
164 10.1 7.8 11.8



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: BM017298.D

Acq: 23 Oct 2018 23:18

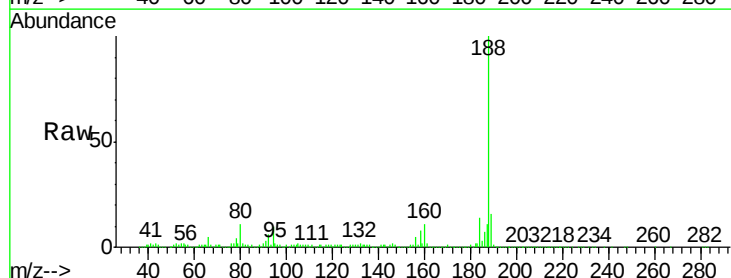
Tgt Ion:188 Resp: 1188909

Ion Ratio Lower Upper

188 100

94 9.6 7.0 10.4

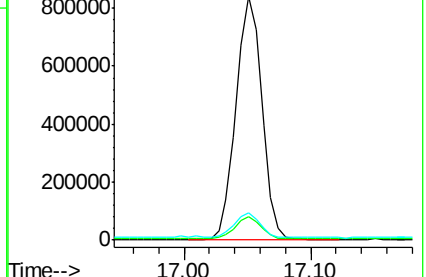
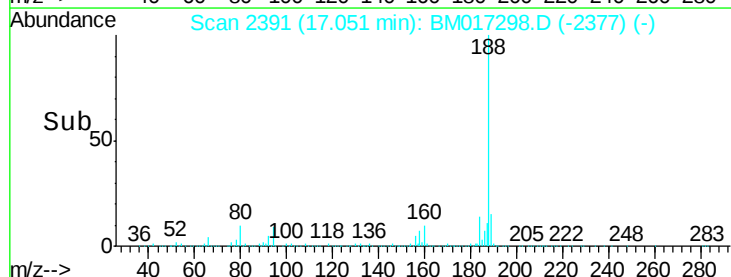
80 11.2 7.7 11.5

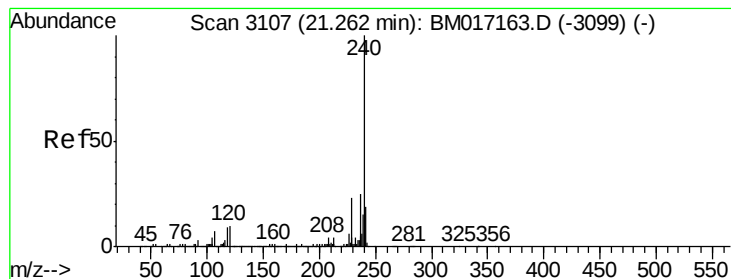


Abundance Ion 188.00 (187.70 to 188.70): E

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: BM017298.D

Acq: 23 Oct 2018 23:18

Instrument :

BNA_M

ClientSampleId :

MS-VB-25868-BOX-1

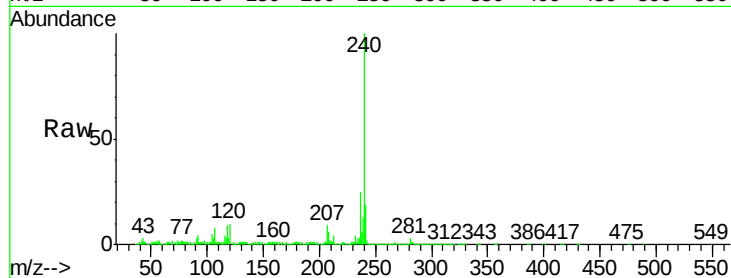
Tgt Ion:240 Resp: 1295460

Ion Ratio Lower Upper

240 100

120 10.4 8.1 12.1

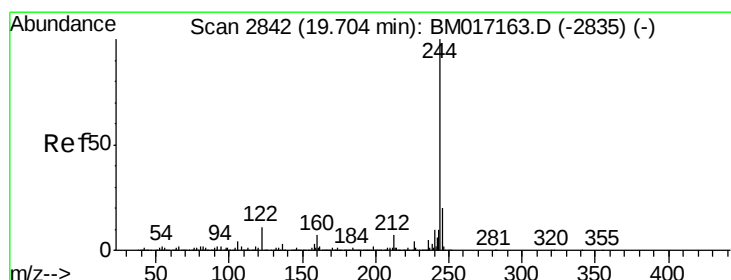
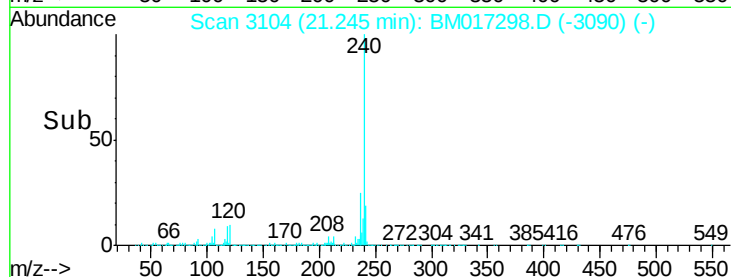
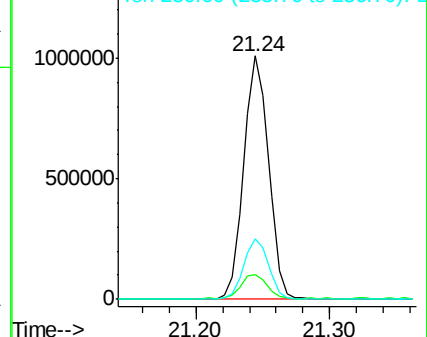
236 24.9 19.9 29.9



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: 71.918 ng

RT: 19.69 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM017298.D

Acq: 23 Oct 2018 23:18

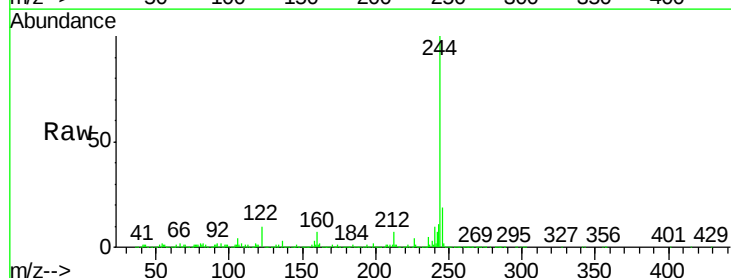
Tgt Ion:244 Resp: 4133407

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

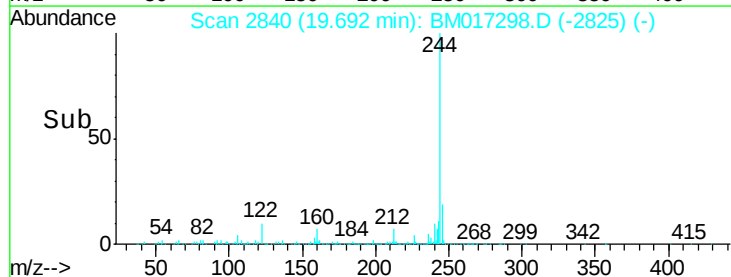
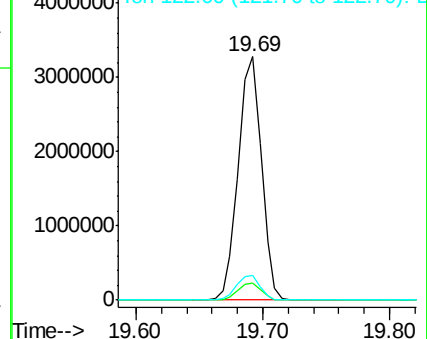
122 10.0 8.4 12.6

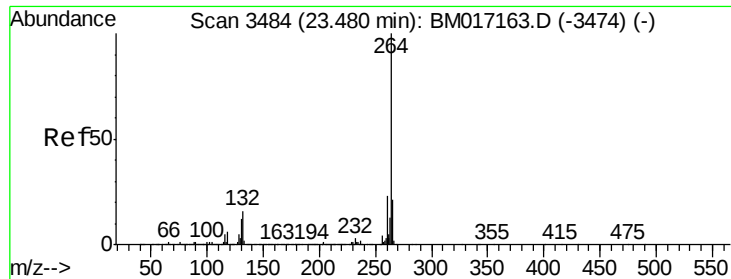


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



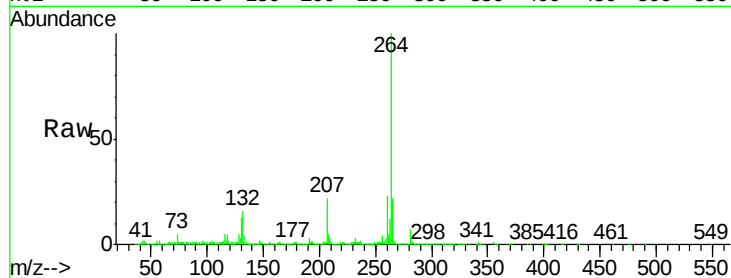


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3480
Delta R.T. -0.02 min
Lab File: BM017298.D
Acq: 23 Oct 2018 23:18

Instrument :
BNA_M
ClientSampleId :
MS-VB-25868-BOX-1

Tgt Ion: 264 Resp: 1405025

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	22.1	17.8	26.8



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

