

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
 Data File : BM017264.D
 Acq On : 20 Oct 2018 14:26
 Operator : MJ/SJ
 Sample : J5538-18
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 22 05:10:46 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

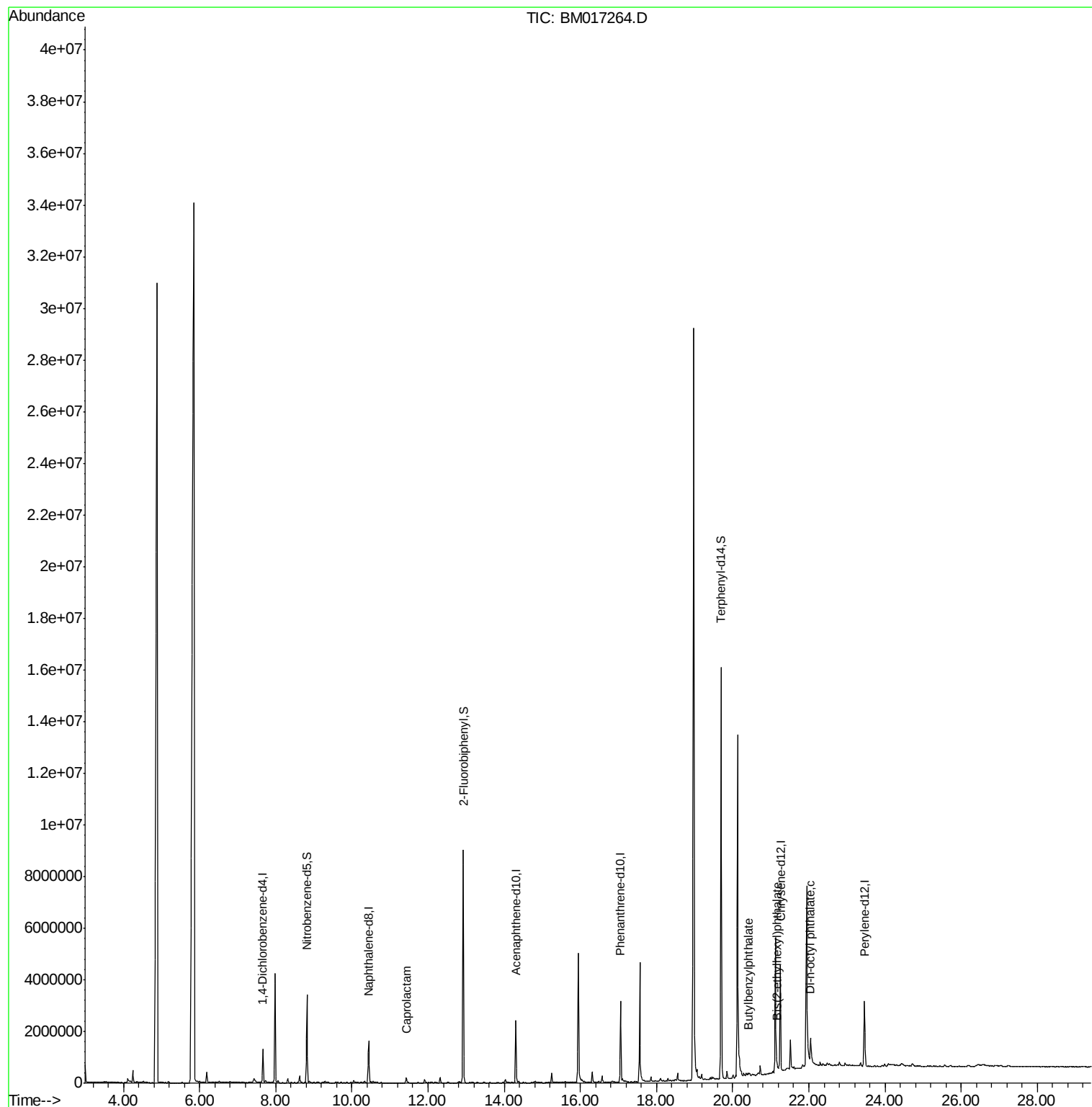
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	333331	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	1348980	20.00	ng	-0.01
39) Acenaphthene-d10	14.30	164	788314	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1813818	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1946496	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1799128	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.85	99	787	0.03	ng	0.00
23) Nitrobenzene-d5	8.82	82	1935364	83.91	ng	-0.02
42) 2,4,6-Tribromophenol	15.81	330	1046	0.10	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	4677118	78.94	ng	-0.01
79) Terphenyl-d14	19.70	244	7272985	84.22	ng	0.00
Target Compounds						
35) Caprolactam	11.43	113	15225	2.136	ng	# 17
80) Butylbenzylphthalate	20.41	149	589	7.188	ng	# 55
84) Bis(2-ethylhexyl)phthalate	21.17	149	4659	5.373	ng	# 90
85) Di-n-octyl phthalate	22.05	149	1086	5.580	ng	# 1

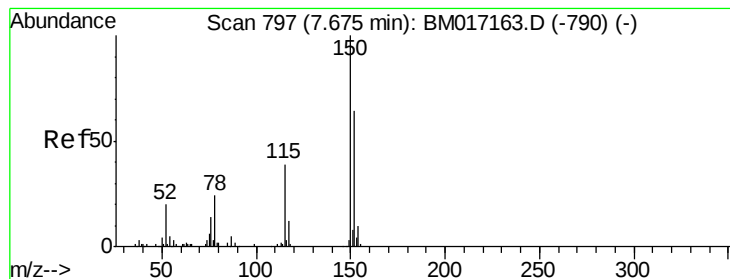
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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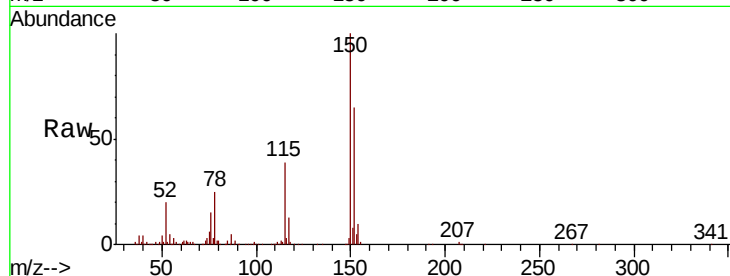


#1

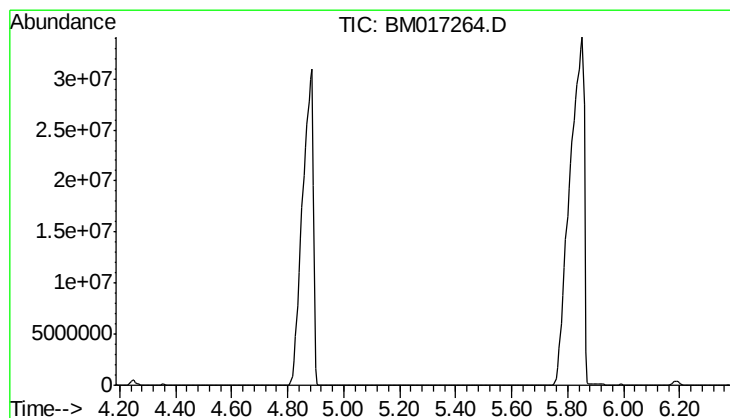
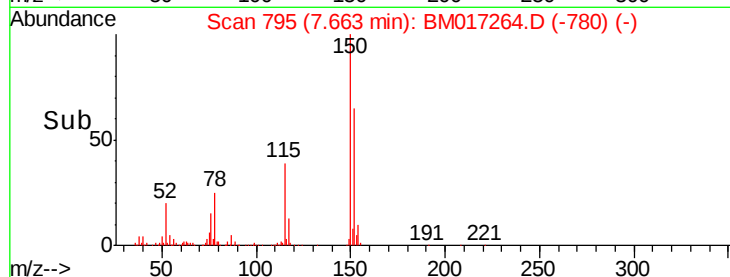
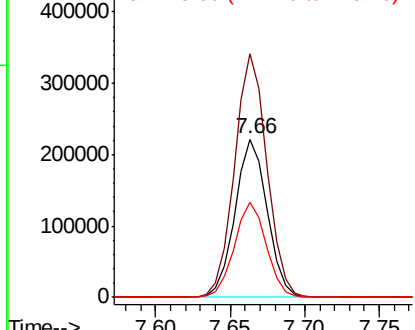
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM017264.D
Acq: 20 Oct 2018 14:26

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 333331
Ion Ratio Lower Upper
152 100
150 153.6 124.3 186.5
115 59.7 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

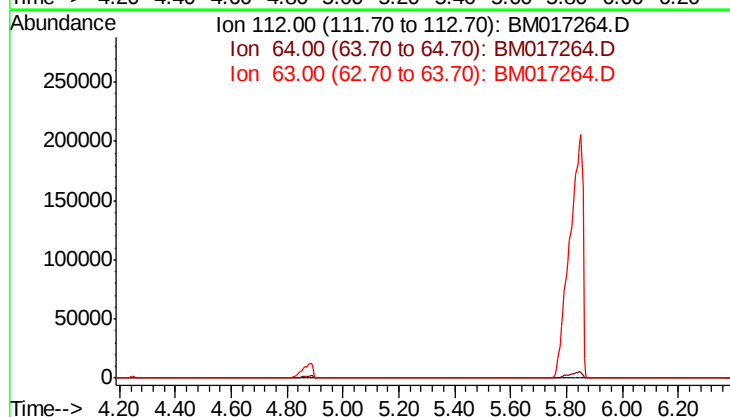


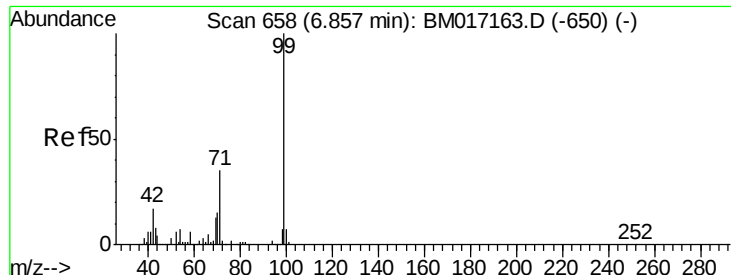
#5

2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.29 min

Lab File: BM017264.D
Acq: 20 Oct 2018 14:26

Tgt Ion: 112
Sig Exp Ratio
112 100
64 52.1
63 28.7





#7

Phenol-d6

Concen: 0.029 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017264.D

Acq: 20 Oct 2018 14:26

Instrument :

BNA_M

ClientSampleId :

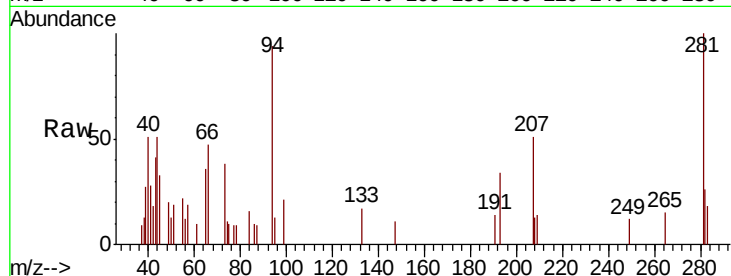
Tot Ion: 99 Resp: 787

Ion Ratio Lower Upper

99 100

42 81.6 13.3 19.9#

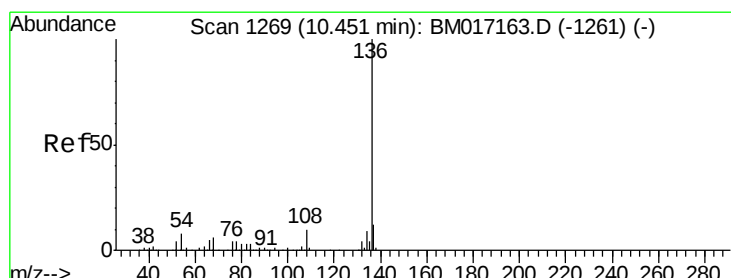
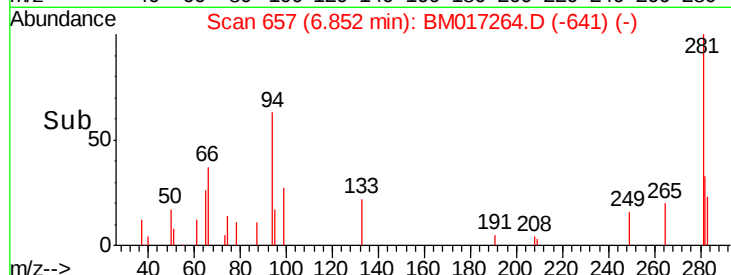
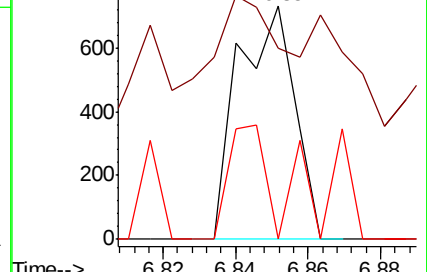
71 0.0 28.0 42.0#



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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.44 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BM017264.D

Acq: 20 Oct 2018 14:26

Tgt Ion: 136 Resp: 1348980

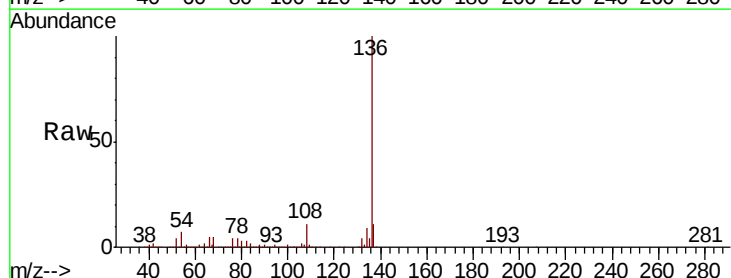
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 7.3 6.7 10.1

68 5.4 4.7 7.1

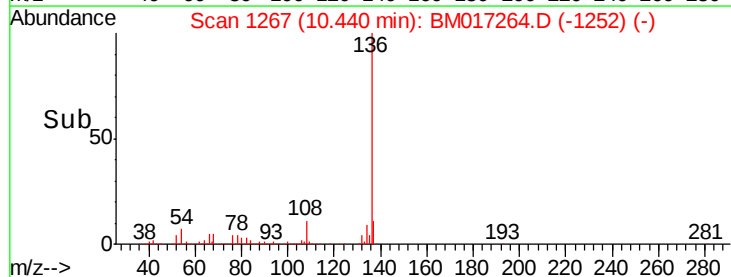
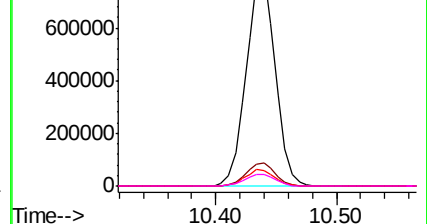


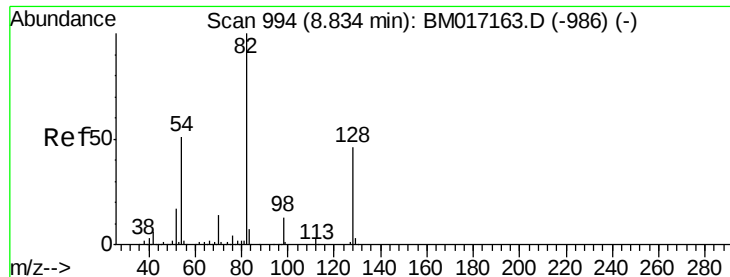
Abundance Ion 136.00 (135.70 to 136.70): BM017163.D (-1261) (-)

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) (-)

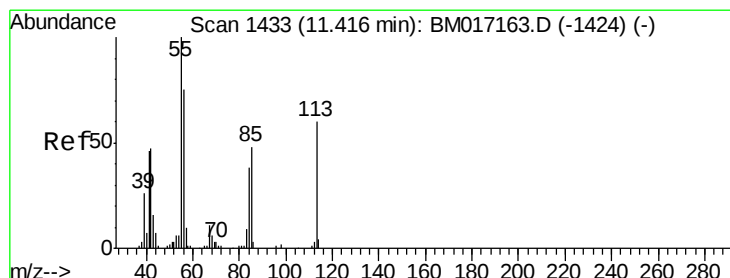
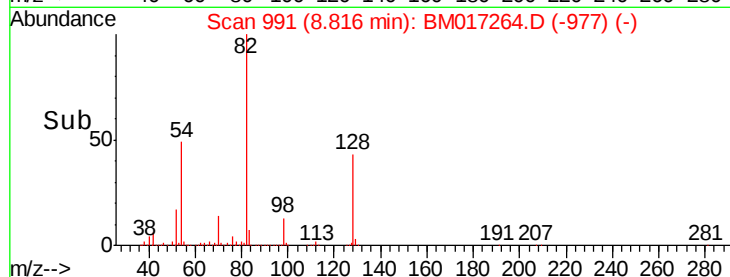
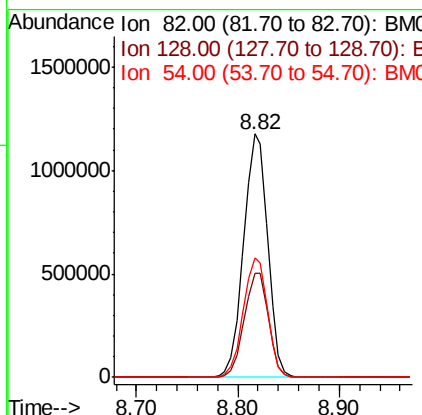
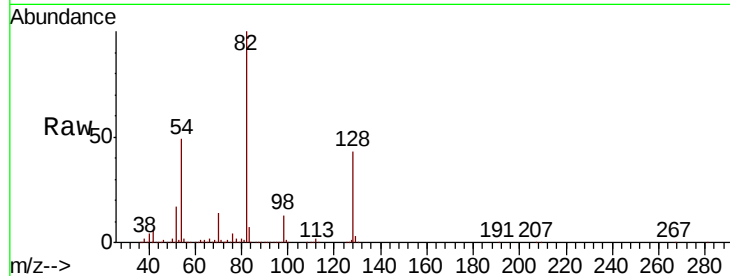




#23
 Nitrobenzene-d5
 Concen: 83.909 ng
 RT: 8.82 min Scan# 991
 Delta R.T. -0.02 min
 Lab File: BM017264.D
 Acq: 20 Oct 2018 14:26

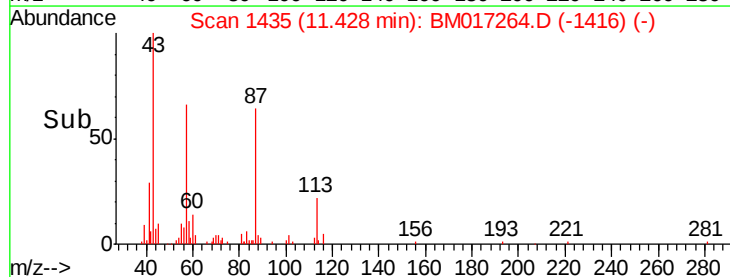
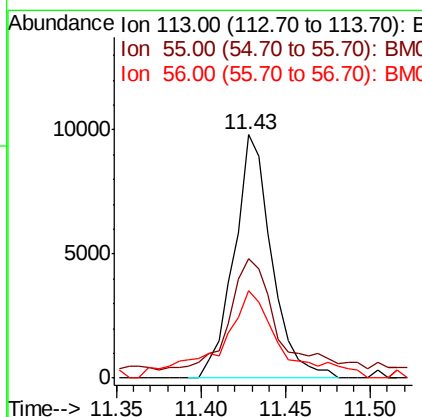
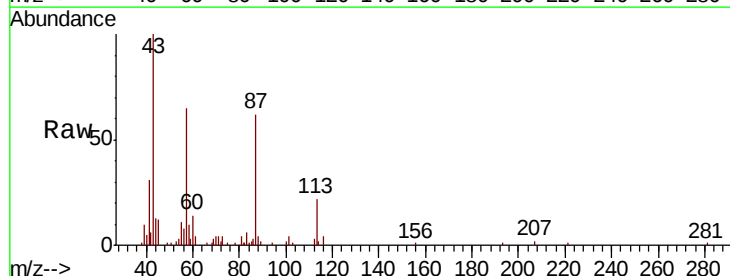
Instrument :
 BNA_M
 ClientSampleId :

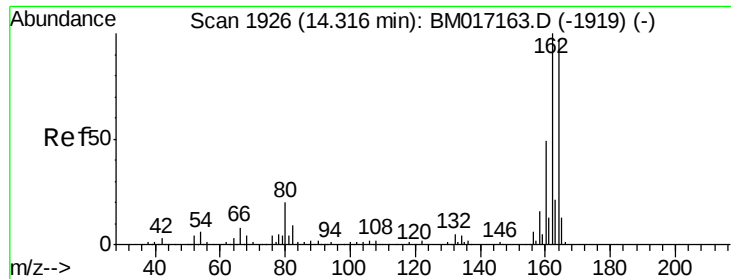
Tot Ion: 82 Resp: 1935364
 Ion Ratio Lower Upper
 82 100
 128 42.7 37.0 55.6
 54 49.2 40.7 61.1



#35
 Caprolactam
 Concen: 2.136 ng
 RT: 11.43 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: BM017264.D
 Acq: 20 Oct 2018 14:26

Tgt Ion: 113 Resp: 15225
 Ion Ratio Lower Upper
 113 100
 55 49.1 147.0 187.0#
 56 35.7 104.5 144.5#

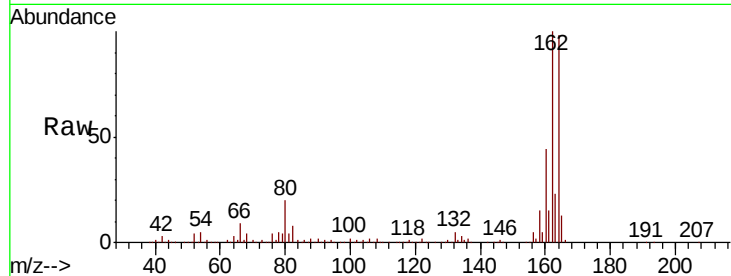




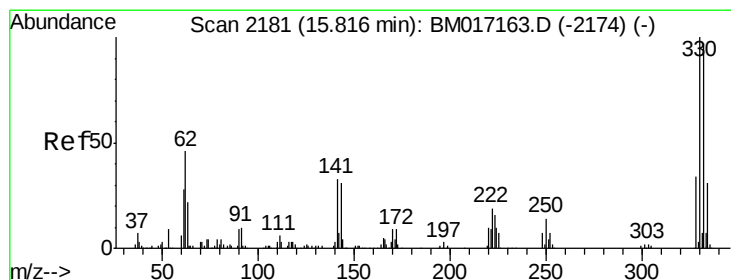
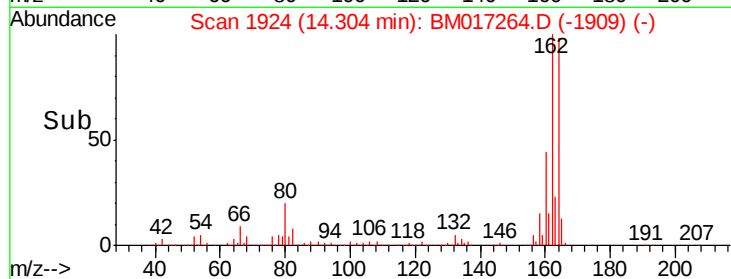
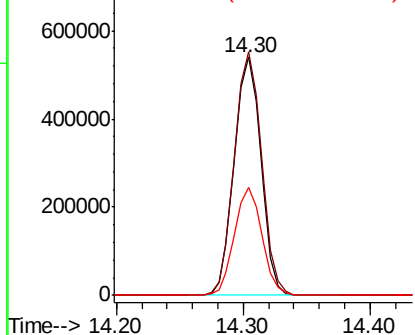
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM017264.D
Acq: 20 Oct 2018 14:26

Instrument :
BNA_M
ClientSampleId :

Tot Ion:164 Resp: 788314
Ion Ratio Lower Upper
164 100
162 102.3 82.1 123.1
160 45.4 40.2 60.2

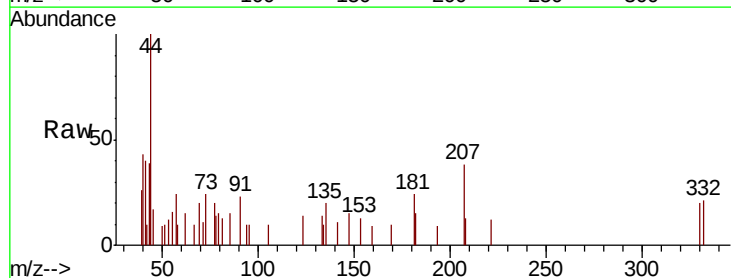


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

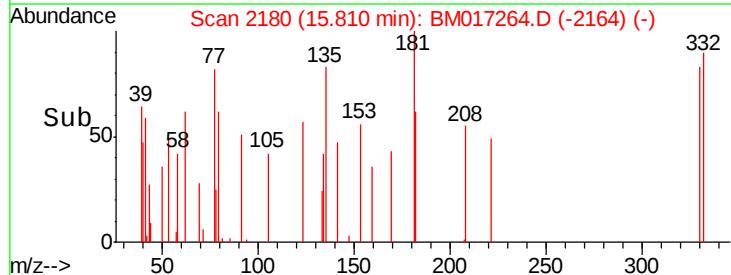
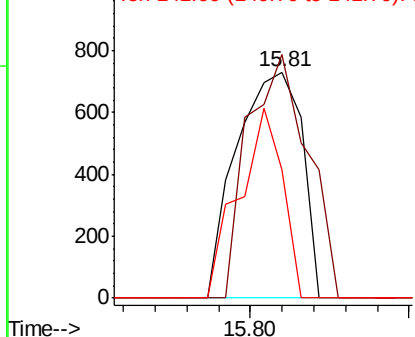


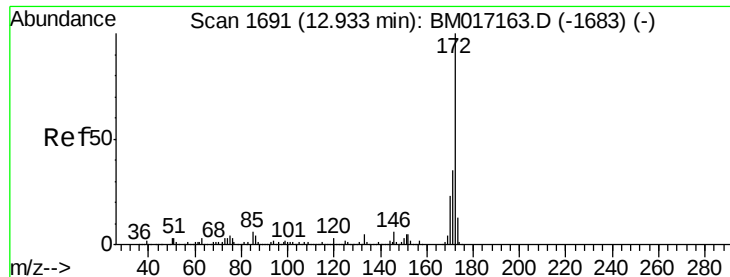
#42
2,4,6-Tribromophenol
Concen: 0.098 ng
RT: 15.81 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BM017264.D
Acq: 20 Oct 2018 14:26

Tgt Ion:330 Resp: 1046
Ion Ratio Lower Upper
330 100
332 98.4 77.3 115.9
141 56.0 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



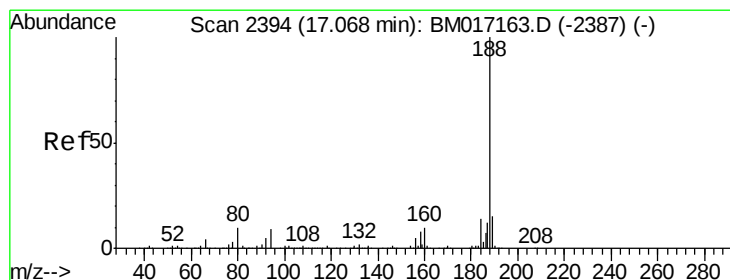
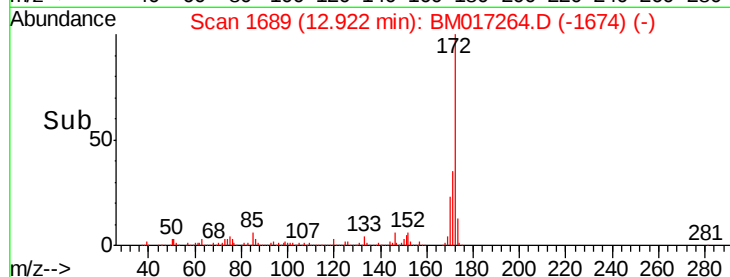
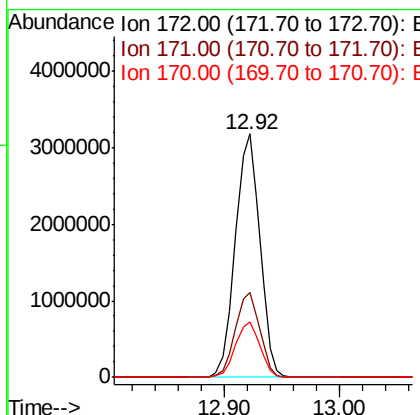
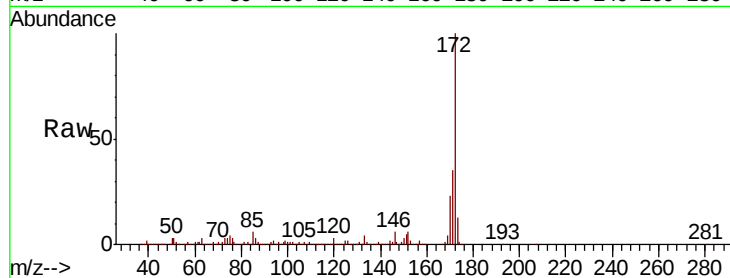


#45
 2-Fluorobiphenyl
 Concen: 78.942 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM017264.D
 Acq: 20 Oct 2018 14:26

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 4677118

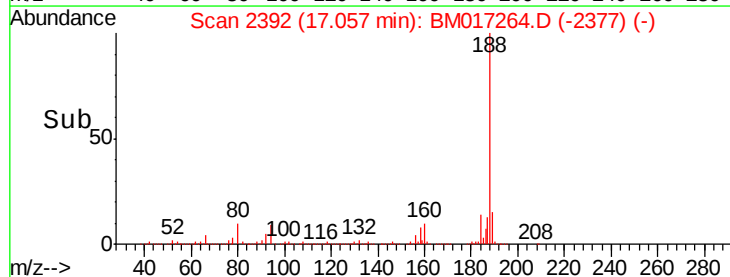
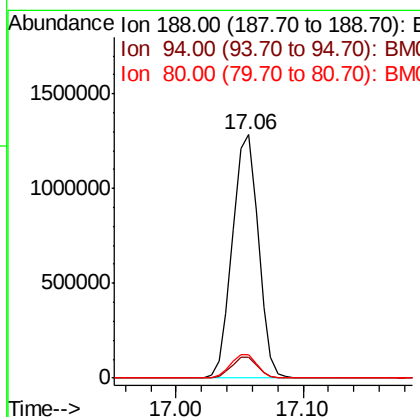
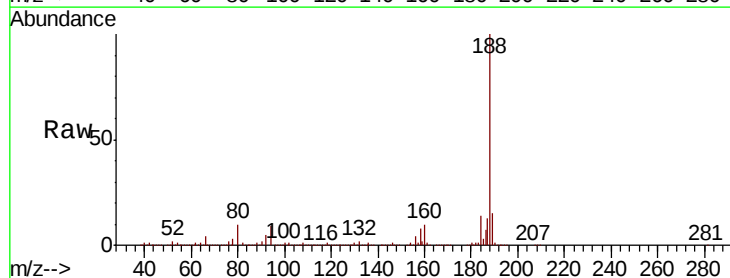
Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.3	42.5
170	22.7	18.3	27.5

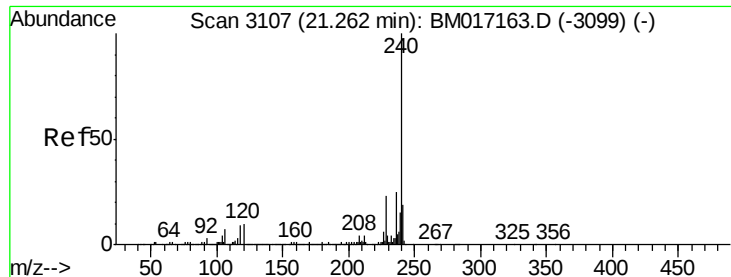


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.06 min Scan# 2392
 Delta R.T. -0.01 min
 Lab File: BM017264.D
 Acq: 20 Oct 2018 14:26

Tgt Ion:188 Resp: 1813818

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.0	10.4
80	9.6	7.7	11.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM017264.D

Acq: 20 Oct 2018 14:26

Instrument :

BNA_M

ClientSampleId :

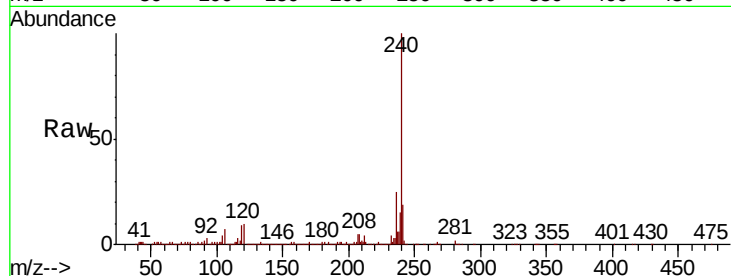
Tot Ion:240 Resp: 1946496

Ion Ratio Lower Upper

240 100

120 9.8 8.1 12.1

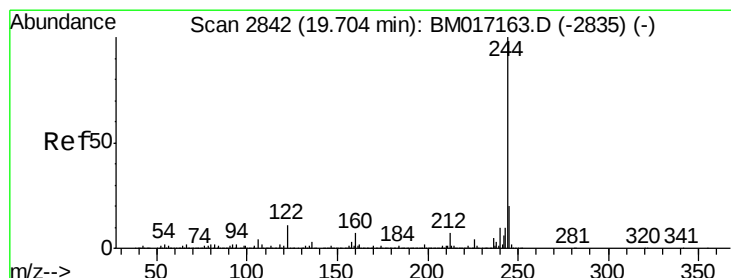
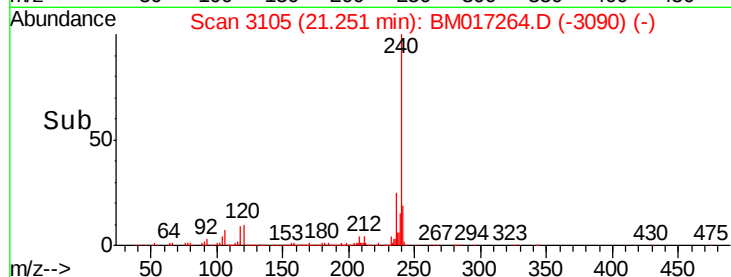
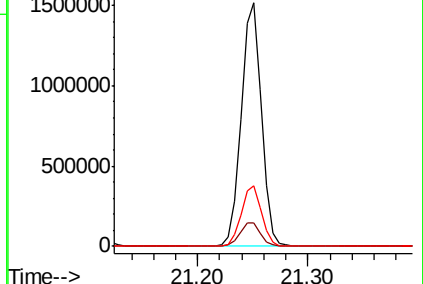
236 24.9 19.9 29.9



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: 84.220 ng

RT: 19.70 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BM017264.D

Acq: 20 Oct 2018 14:26

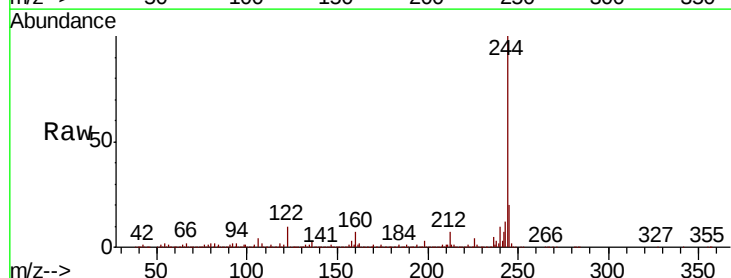
Tgt Ion:244 Resp: 7272985

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

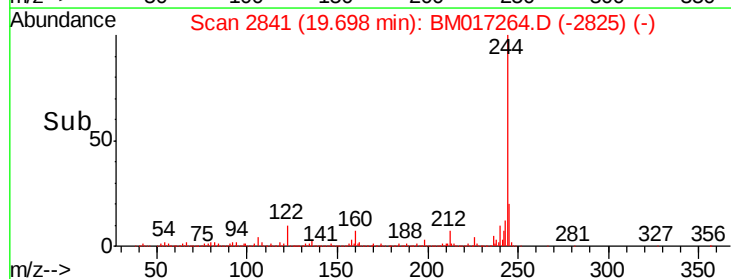
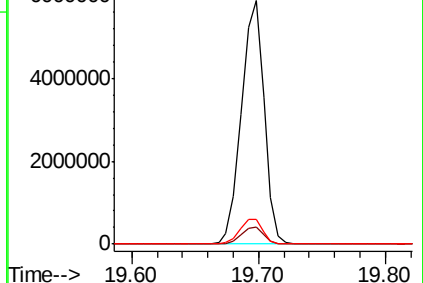
122 10.1 8.4 12.6

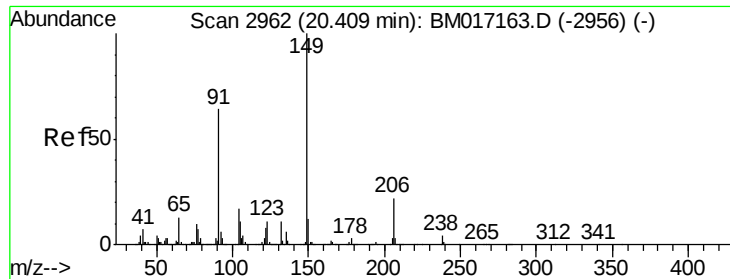


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

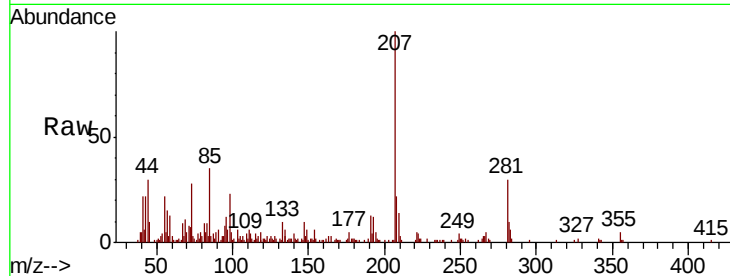




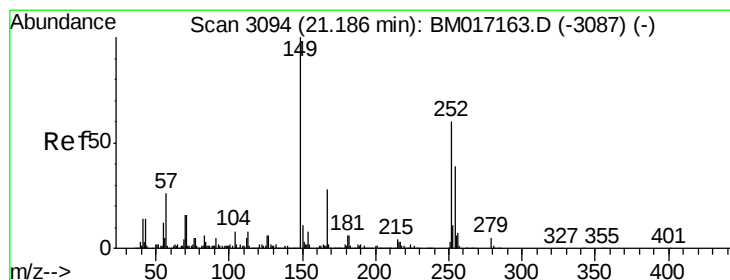
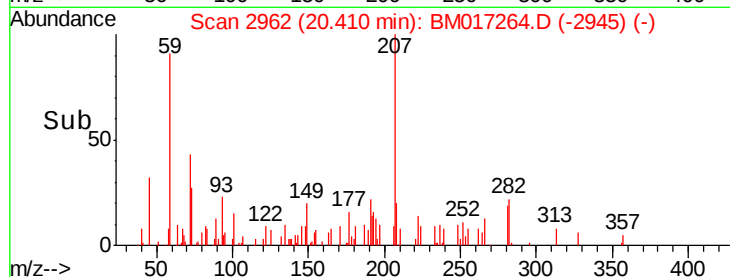
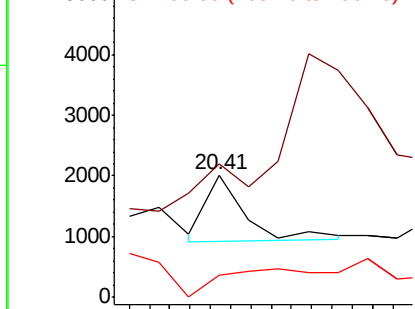
#80
 Butylbenzylphthalate
 Concen: 7.188 ng
 RT: 20.41 min Scan# 2962
 Delta R.T. 0.00 min
 Lab File: BM017264.D
 Acq: 20 Oct 2018 14:26

Instrument :
 BNA_M
 ClientSampleID :

Tot Ion:149 Resp: 589
 Ion Ratio Lower Upper
 149 100
 91 109.5 51.3 76.9#
 206 17.8 18.0 27.0#

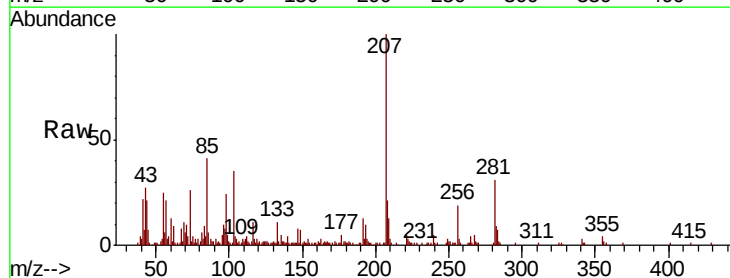


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BM0
 Ion 206.00 (205.70 to 206.70): E

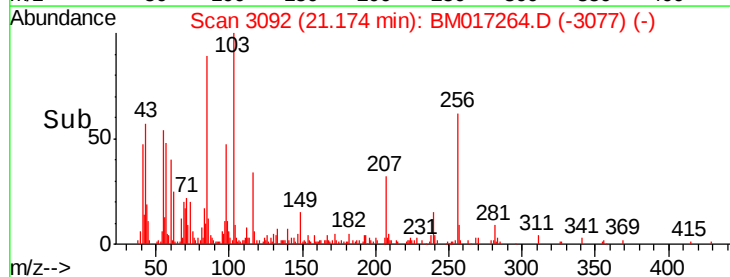
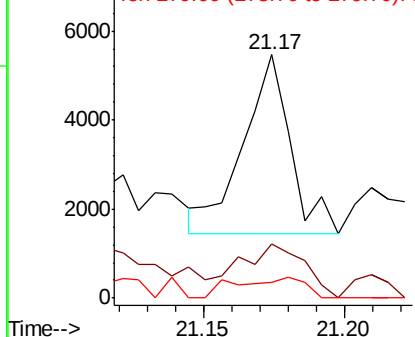


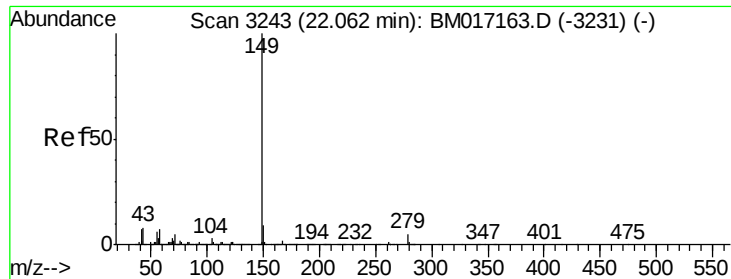
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.373 ng
 RT: 21.17 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BM017264.D
 Acq: 20 Oct 2018 14:26

Tgt Ion:149 Resp: 4659
 Ion Ratio Lower Upper
 149 100
 167 22.1 22.2 33.4#
 279 6.6 3.6 5.4#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 5.580 ng

RT: 22.05 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BM017264.D

Acq: 20 Oct 2018 14:26

Instrument :

BNA_M

ClientSampleId :

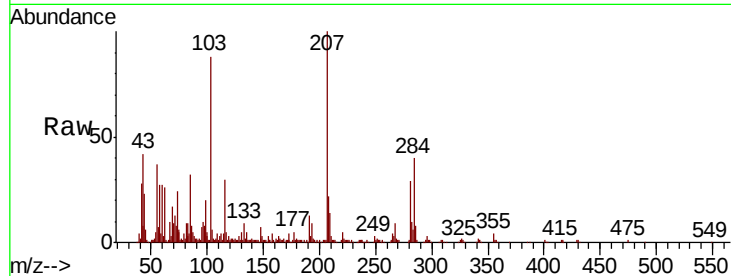
Tot Ion:149 Resp: 1086

Ion Ratio Lower Upper

149 100

167 50.6 1.4 2.0#

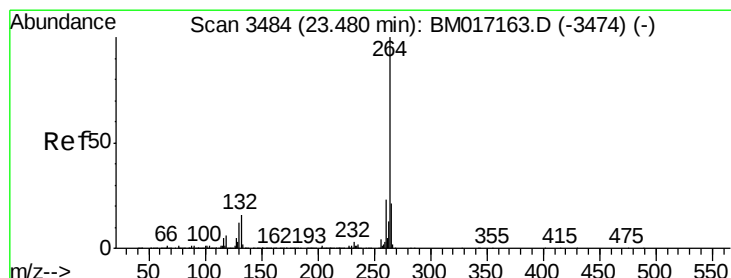
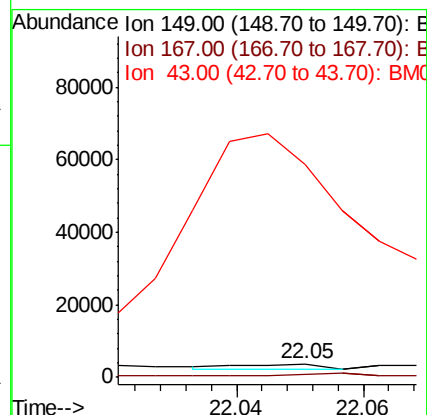
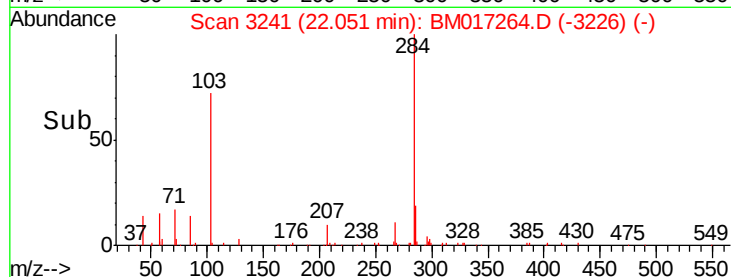
43 10280.8 7.2 10.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.46 min Scan# 3481

Delta R.T. -0.02 min

Lab File: BM017264.D

Acq: 20 Oct 2018 14:26

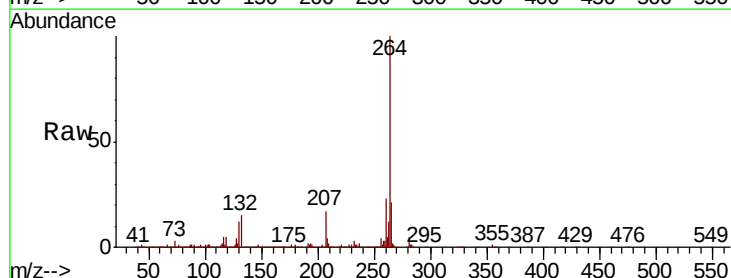
Tgt Ion:264 Resp: 1799128

Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

265 21.1 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

