

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
 Data File : BM017253.D
 Acq On : 20 Oct 2018 06:37
 Operator : MJ/SJ
 Sample : J5575-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 22 02:36:10 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

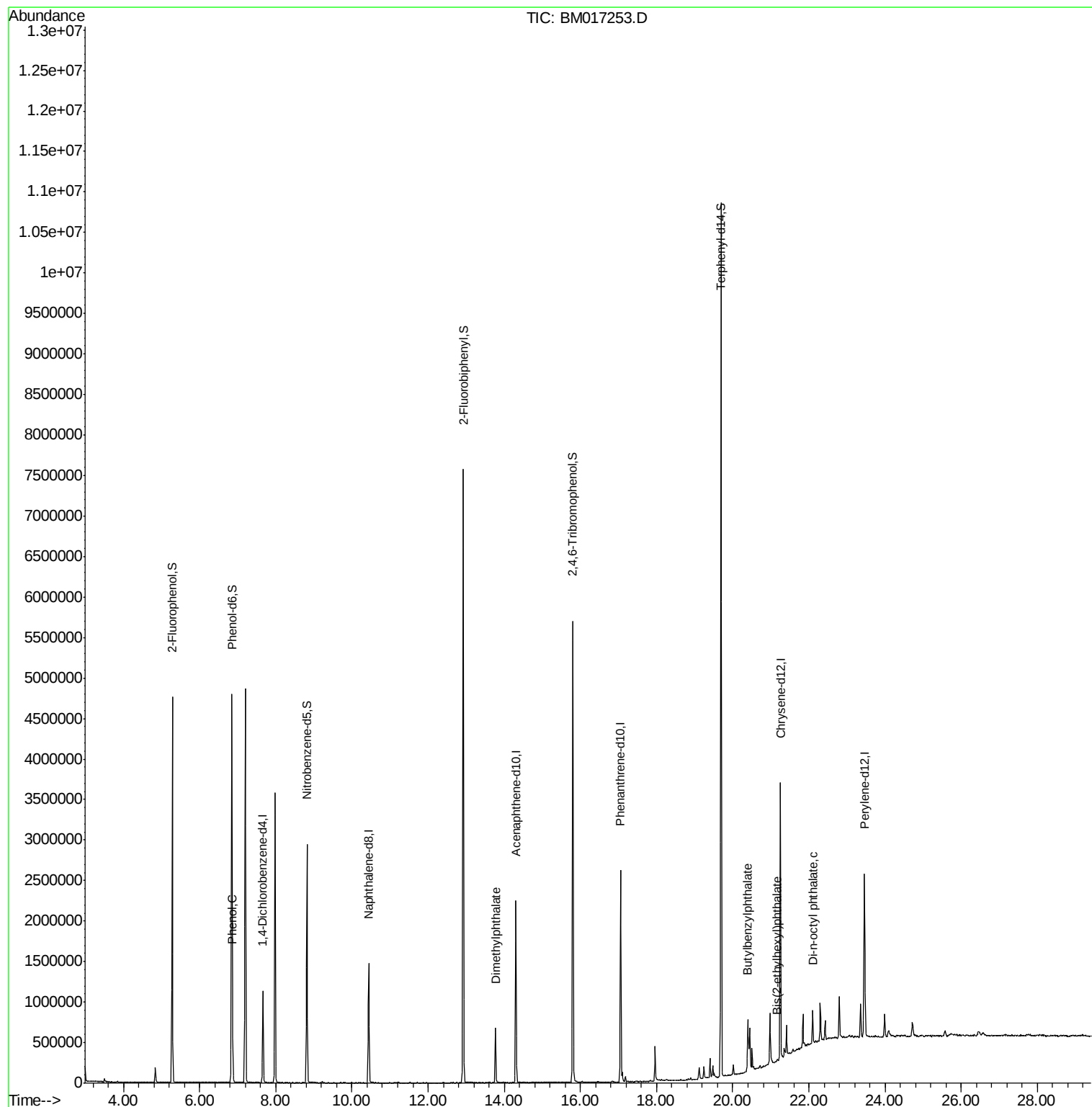
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	294780	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	1200751	20.00	ng	-0.01
39) Acenaphthene-d10	14.30	164	713400	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1571373	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1559960	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1465640	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1920500	110.19	ng	0.00
7) Phenol-d6	6.85	99	2627633	110.70	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1596160	77.75	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1064396	110.33	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	3878467	72.34	ng	-0.01
79) Terphenyl-d14	19.70	244	5247117	75.82	ng	0.00
Target Compounds						
10) Phenol	6.87	94	132896	5.202	ng	93
50) Dimethylphthalate	13.77	163	448240	8.144	ng	99
80) Butylbenzylphthalate	20.40	149	1145	7.205	ng	# 36
84) Bis(2-ethylhexyl)phthalate	21.17	149	7999	5.448	ng	# 91
85) Di-n-octyl phthalate	22.10	149	48977	6.075	ng	# 35

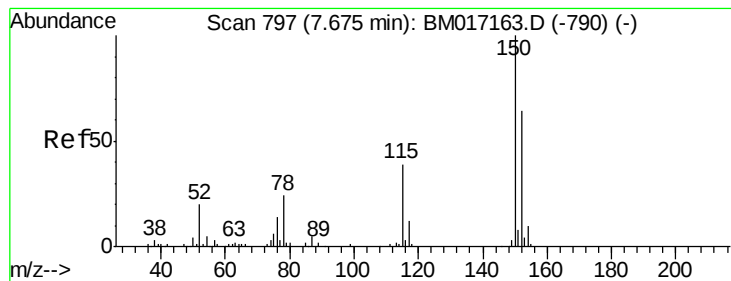
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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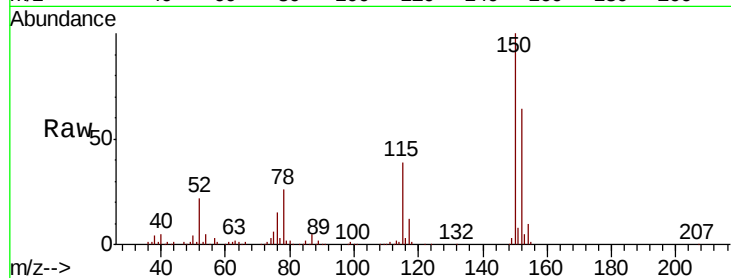


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM017253.D
Acq: 20 Oct 2018 06:37

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.3	186.5
115	61.7	48.1	72.1

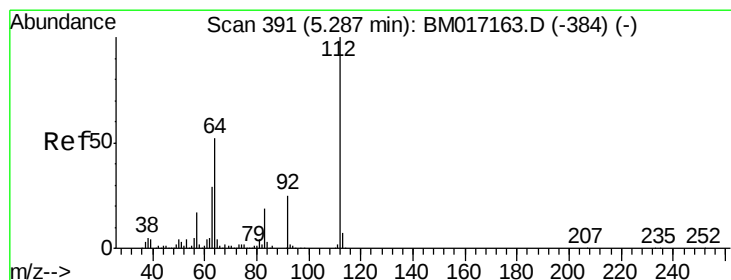
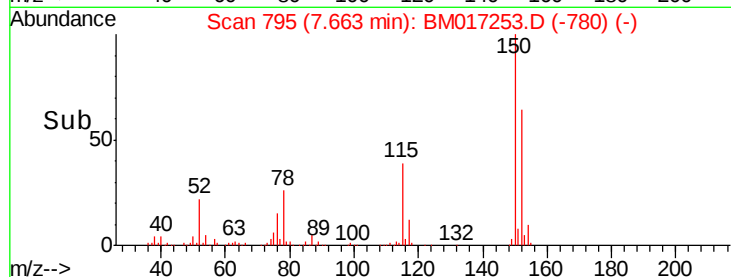
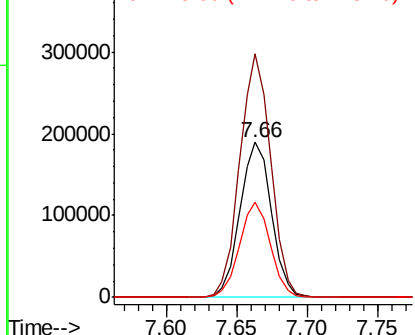


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

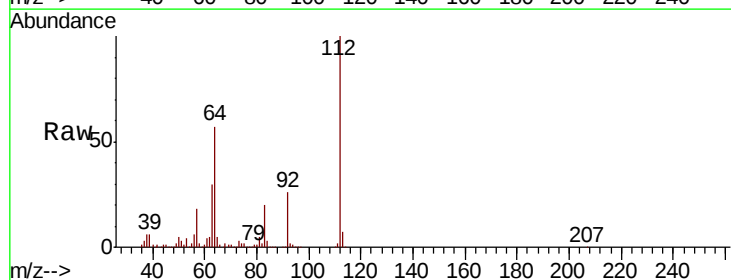
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 110.191 ng
RT: 5.28 min Scan# 390
Delta R.T. -0.01 min
Lab File: BM017253.D
Acq: 20 Oct 2018 06:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	41.7	62.5
63	30.3	23.0	34.4

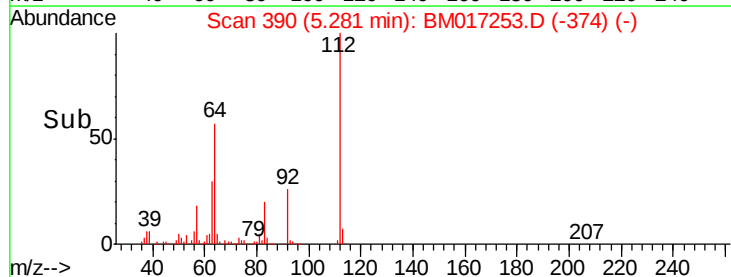
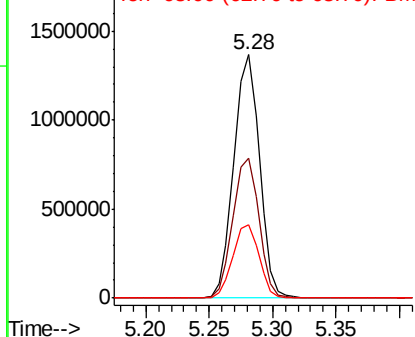


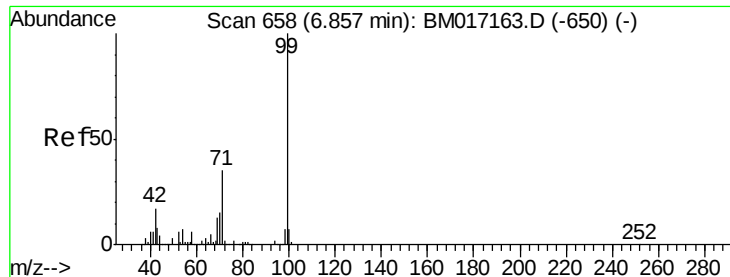
Abundance

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: 110.697 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM017253.D

Acq: 20 Oct 2018 06:37

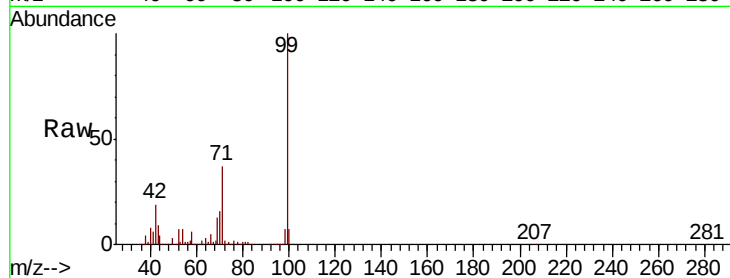
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 2627633

Ion	Ratio	Lower	Upper
99	100		
42	18.5	13.3	19.9
71	37.3	28.0	42.0



Abundance

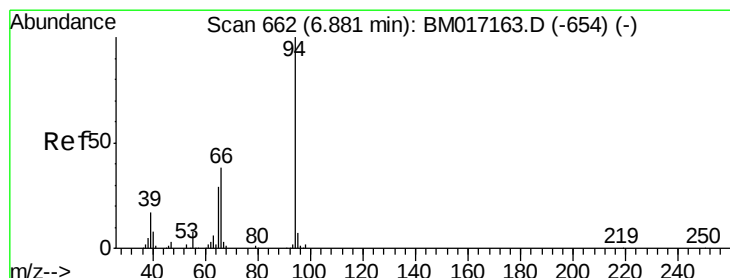
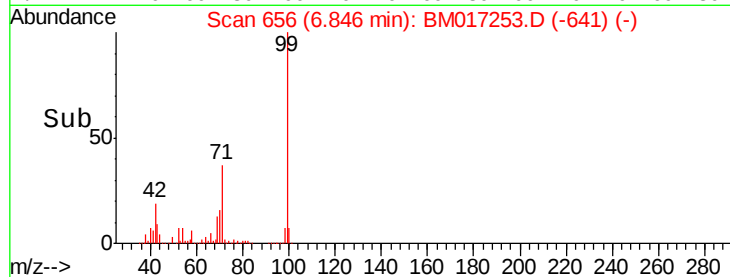
Ion 99.00 (98.70 to 99.70): BM017253.D (-650) (-)

Ion 42.00 (41.70 to 42.70): BM017253.D (-650) (-)

Ion 71.00 (70.70 to 71.70): BM017253.D (-650) (-)

6.85

Time-->



#10

Phenol

Concen: 5.202 ng

RT: 6.87 min Scan# 660

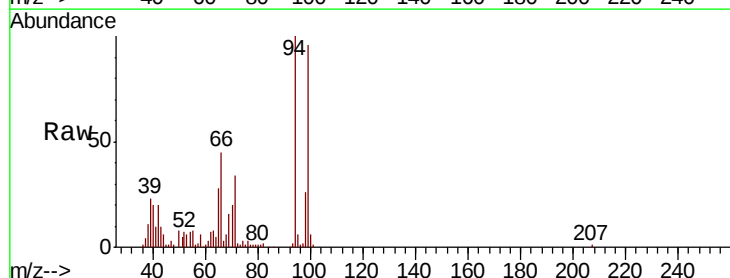
Delta R.T. -0.01 min

Lab File: BM017253.D

Acq: 20 Oct 2018 06:37

Tgt Ion: 94 Resp: 132896

Ion	Ratio	Lower	Upper
94	100		
65	28.4	9.4	49.4
66	45.5	19.0	59.0



Abundance

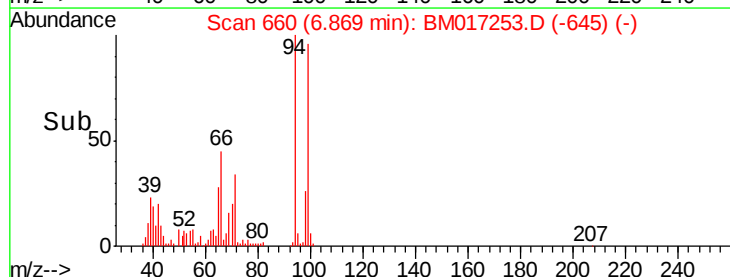
Ion 94.00 (93.70 to 94.70): BM017253.D (-645) (-)

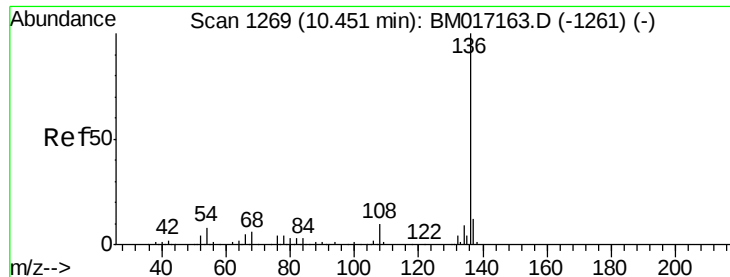
Ion 65.00 (64.70 to 65.70): BM017253.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM017253.D (-645) (-)

6.87

Time-->





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.44 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BM017253.D

Acq: 20 Oct 2018 06:37

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 1200751

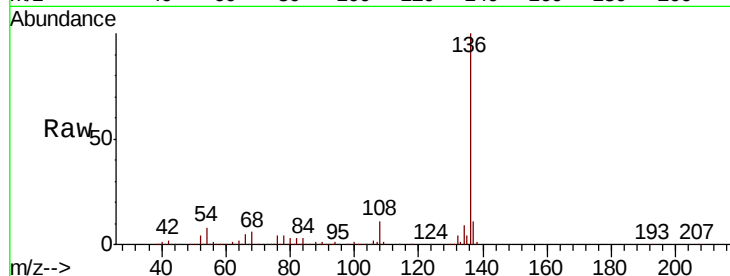
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 7.8 6.7 10.1

68 5.5 4.7 7.1

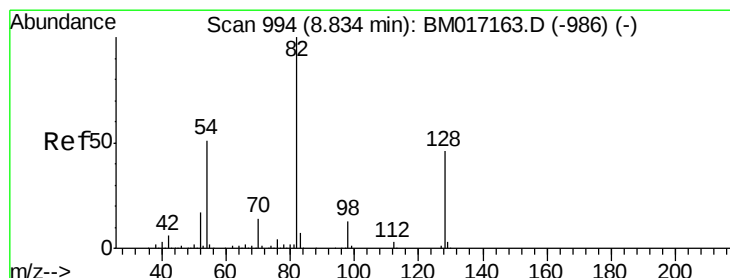
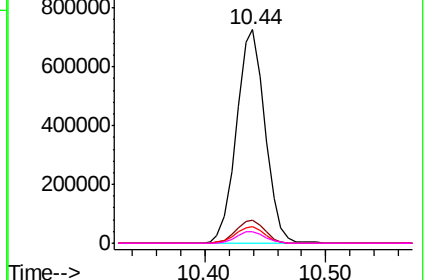
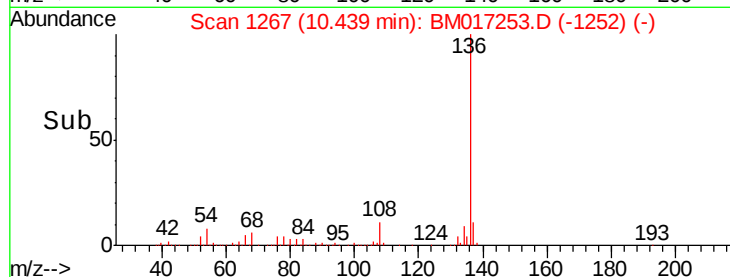


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.745 ng

RT: 8.82 min Scan# 991

Delta R.T. -0.02 min

Lab File: BM017253.D

Acq: 20 Oct 2018 06:37

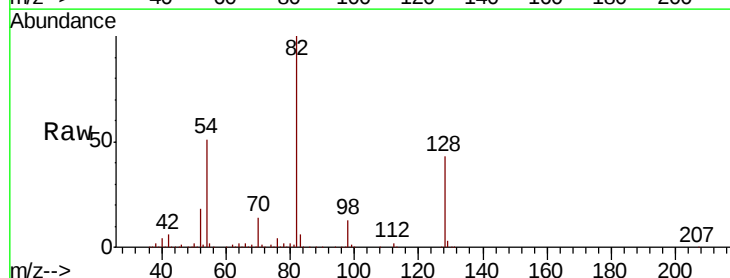
Tgt Ion: 82 Resp: 1596160

Ion Ratio Lower Upper

82 100

128 42.6 37.0 55.6

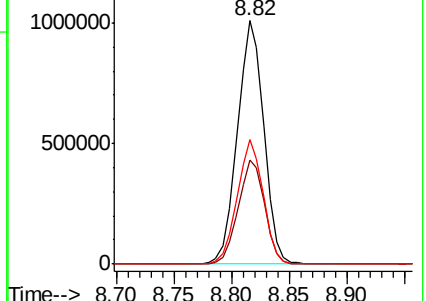
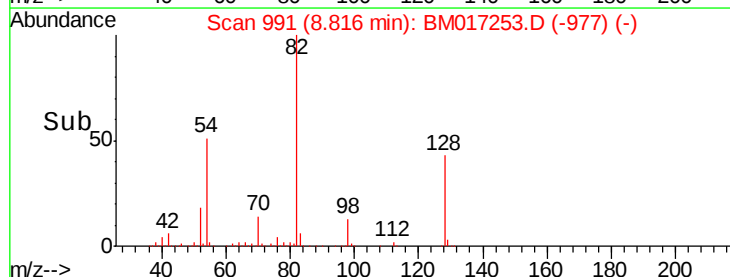
54 51.2 40.7 61.1

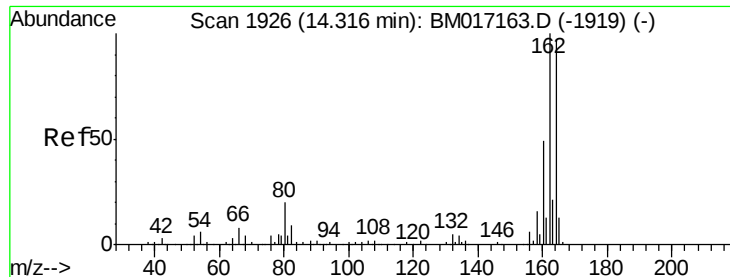


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

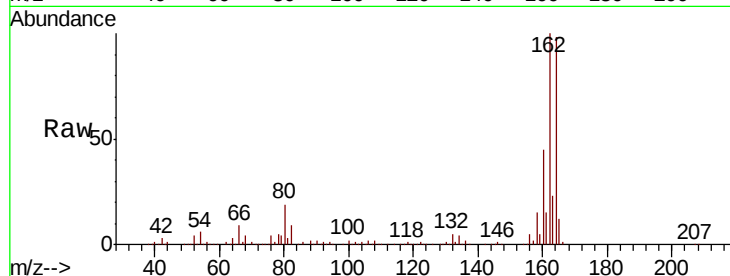




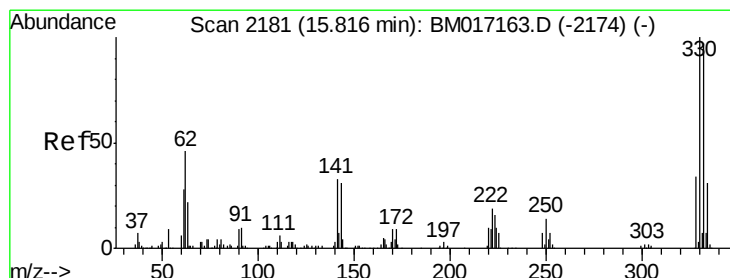
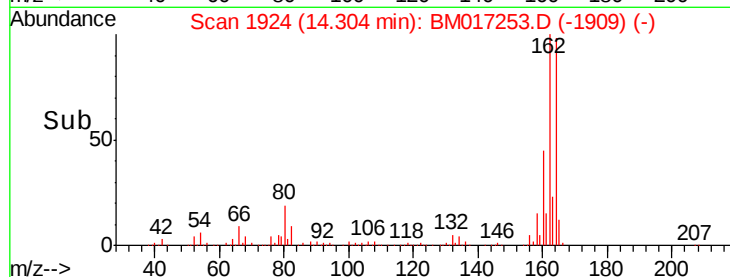
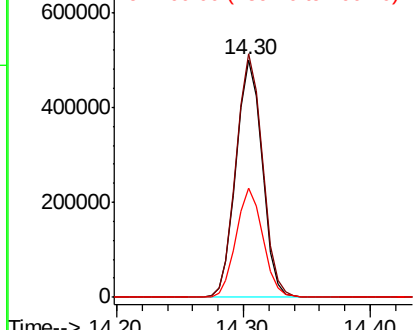
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM017253.D
Acq: 20 Oct 2018 06:37

Instrument :
BNA_M
ClientSampleId :

Tot Ion:164 Resp: 713400
Ion Ratio Lower Upper
164 100
162 102.4 82.1 123.1
160 46.2 40.2 60.2

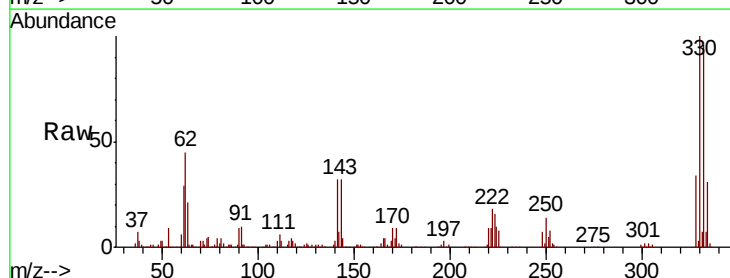


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

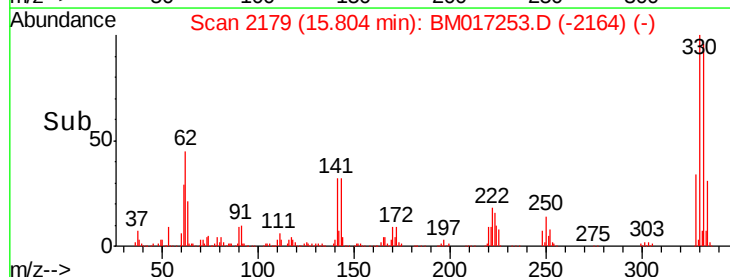
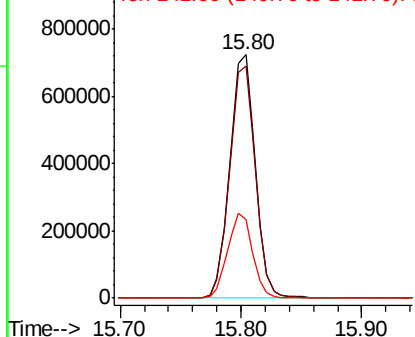


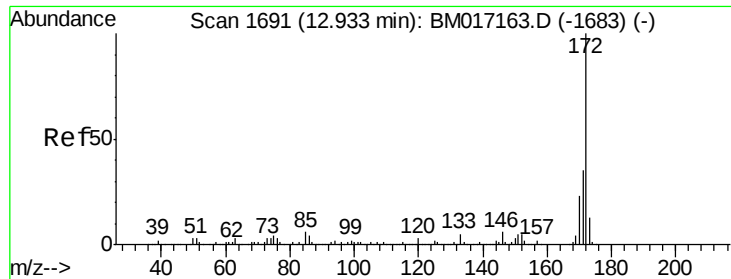
#42
2,4,6-Tribromophenol
Concen: 110.327 ng
RT: 15.80 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BM017253.D
Acq: 20 Oct 2018 06:37

Tgt Ion:330 Resp: 1064396
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 34.2 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

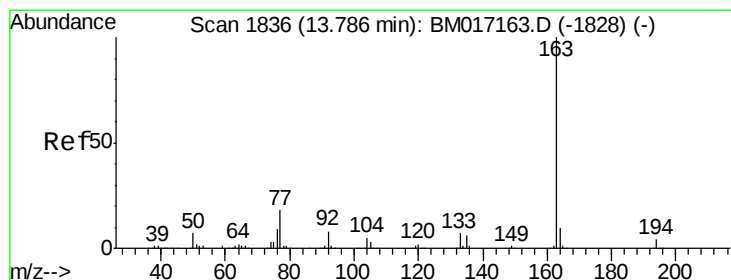
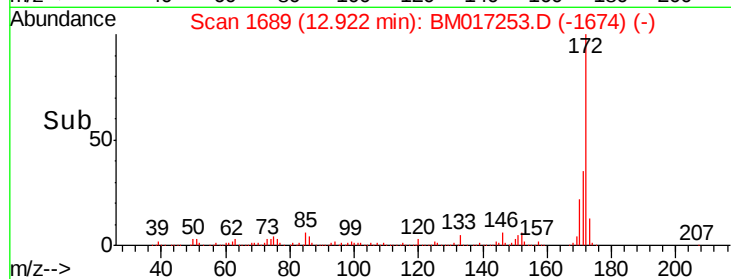
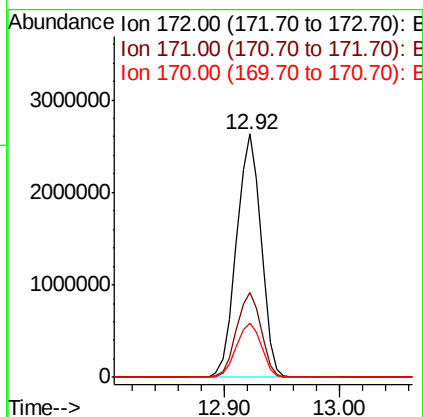
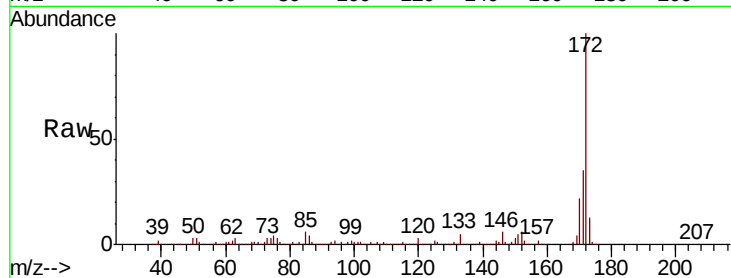




#45
2-Fluorobiphenyl
Concen: 72.336 ng
RT: 12.92 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BM017253.D
Acq: 20 Oct 2018 06:37

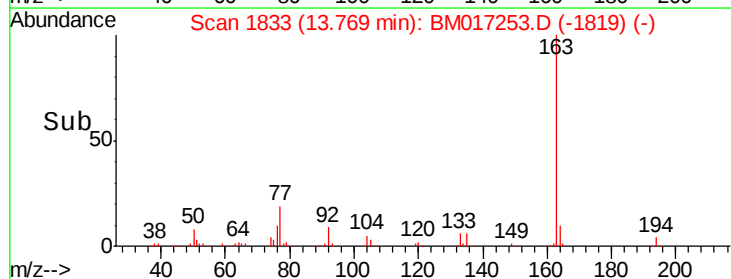
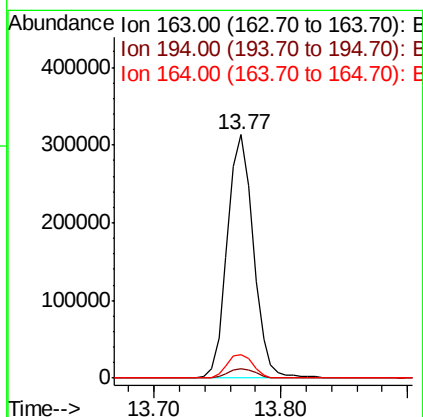
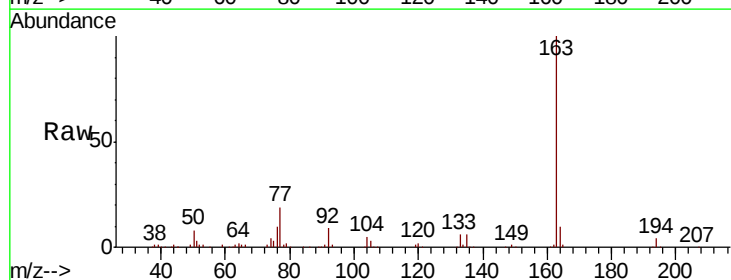
Instrument :
BNA_M
ClientSampleId :

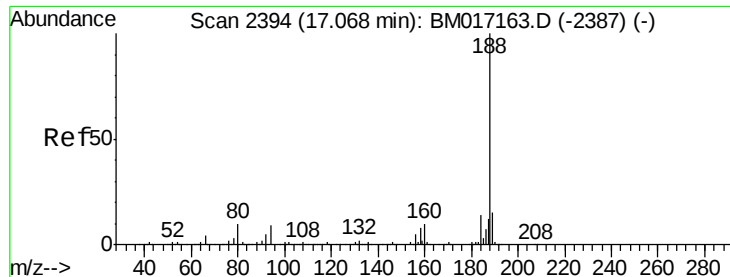
Tot Ion:172 Resp: 3878467
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 22.4 18.3 27.5



#50
Dimethylphthalate
Concen: 8.144 ng
RT: 13.77 min Scan# 1833
Delta R.T. -0.02 min
Lab File: BM017253.D
Acq: 20 Oct 2018 06:37

Tgt Ion:163 Resp: 448240
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.6 7.8 11.8

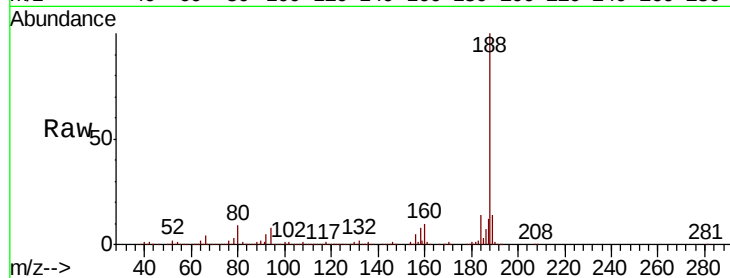




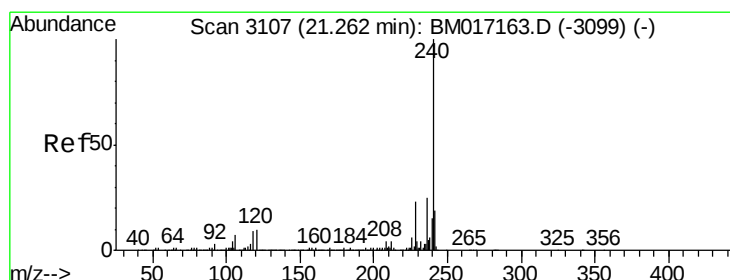
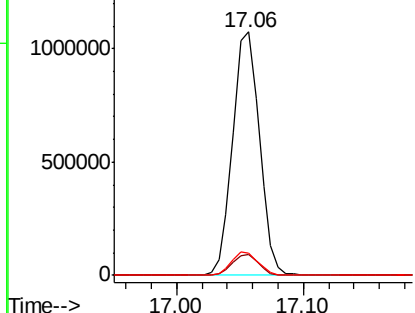
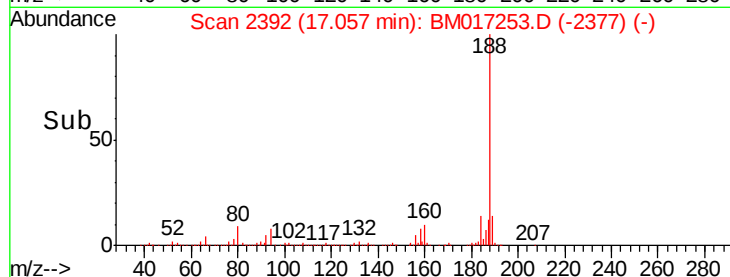
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM017253.D
Acq: 20 Oct 2018 06:37

Instrument :
BNA_M
ClientSampled :

Tot Ion:188 Resp: 1571373
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.4
80 9.3 7.7 11.5

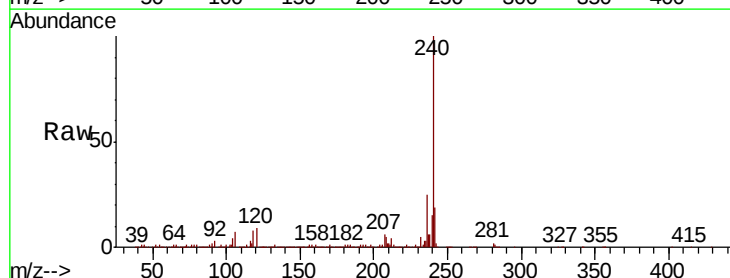


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

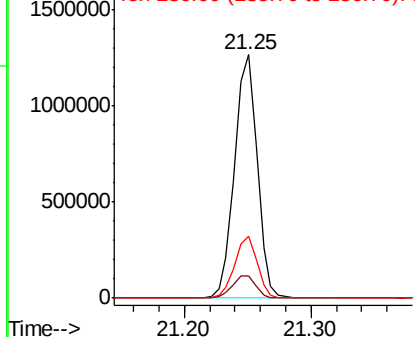
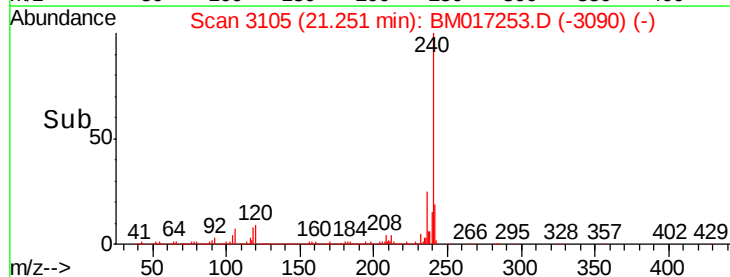


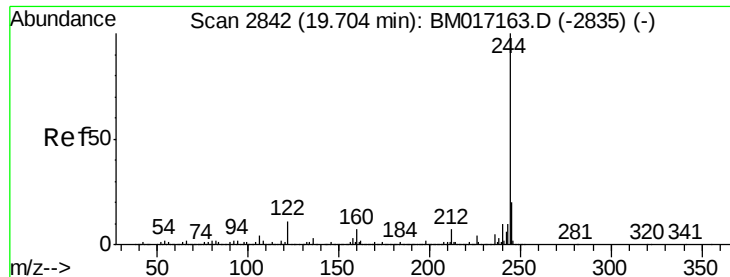
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM017253.D
Acq: 20 Oct 2018 06:37

Tgt Ion:240 Resp: 1559960
Ion Ratio Lower Upper
240 100
120 9.3 8.1 12.1
236 25.2 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

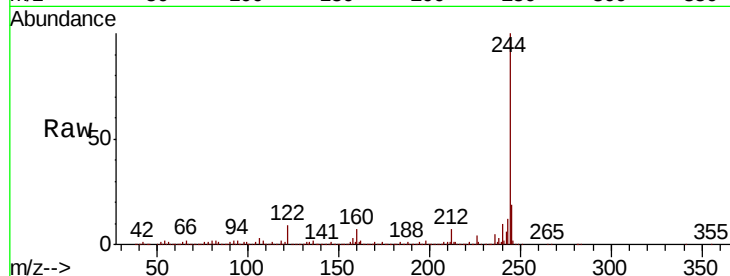




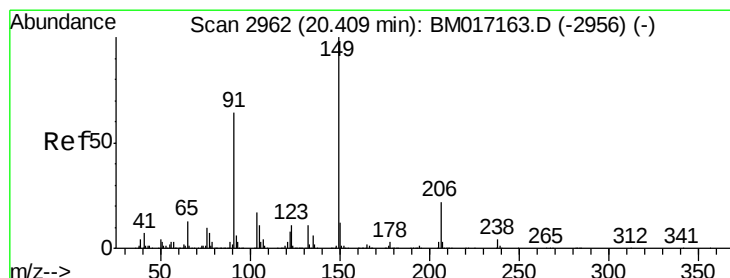
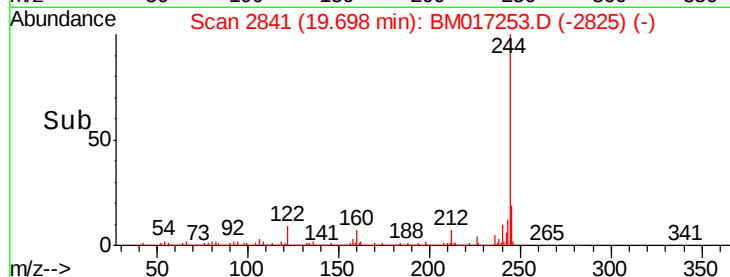
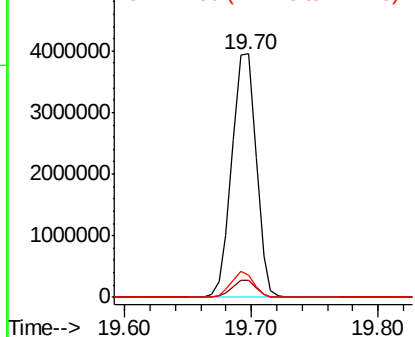
#79
 Terphenyl-d14
 Concen: 75.816 ng
 RT: 19.70 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM017253.D
 Acq: 20 Oct 2018 06:37

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:244 Resp: 5247117
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 9.4 8.4 12.6

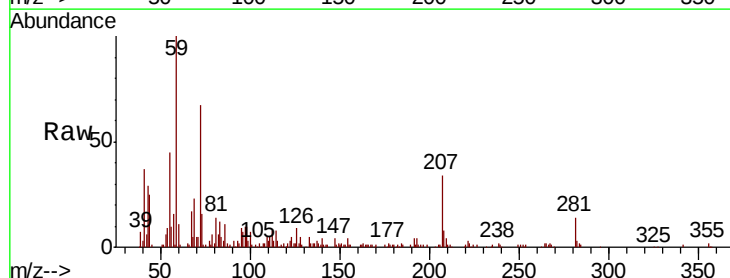


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

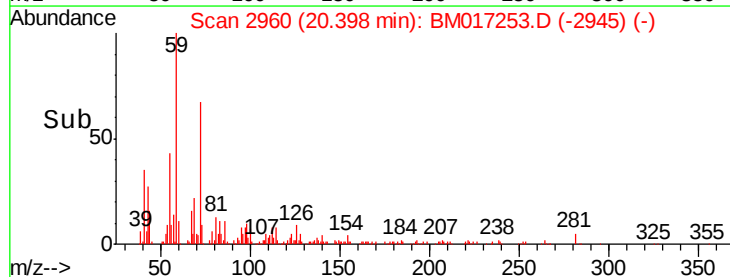
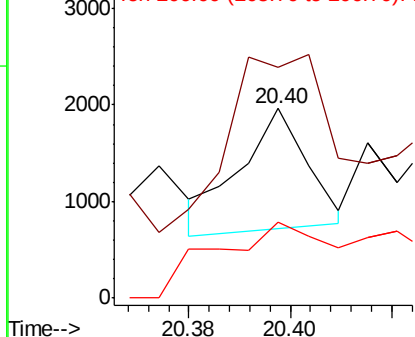


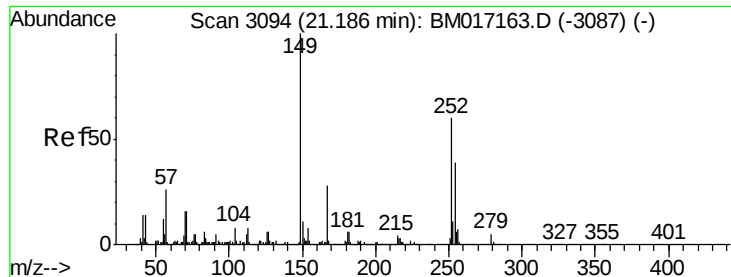
#80
 Butylbenzylphthalate
 Concen: 7.205 ng
 RT: 20.40 min Scan# 2960
 Delta R.T. -0.01 min
 Lab File: BM017253.D
 Acq: 20 Oct 2018 06:37

Tgt Ion:149 Resp: 1145
 Ion Ratio Lower Upper
 149 100
 91 121.6 51.3 76.9#
 206 40.1 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: 5.448 ng

RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM017253.D

Acq: 20 Oct 2018 06:37

Instrument :

BNA_M

ClientSampleId :

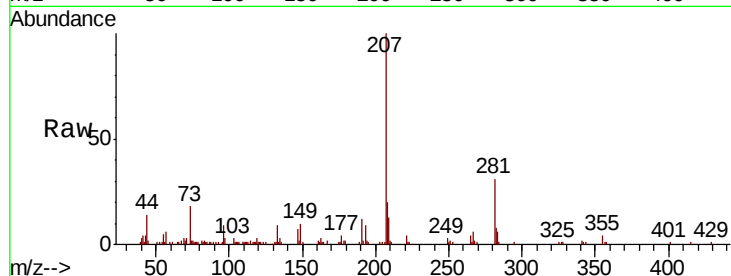
Tot Ion:149 Resp: 7999

Ion Ratio Lower Upper

149 100

167 23.6 22.2 33.4

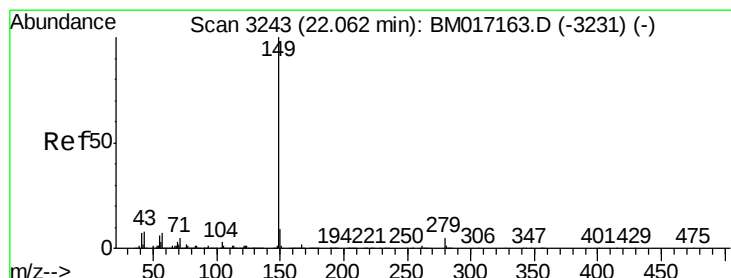
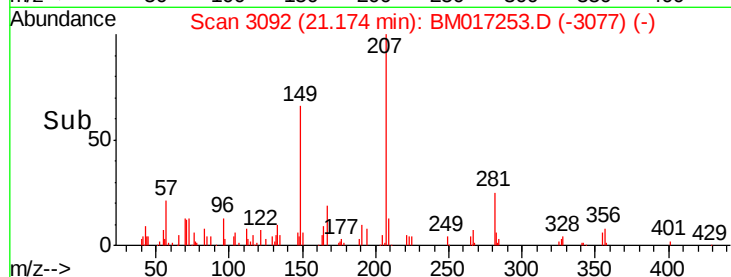
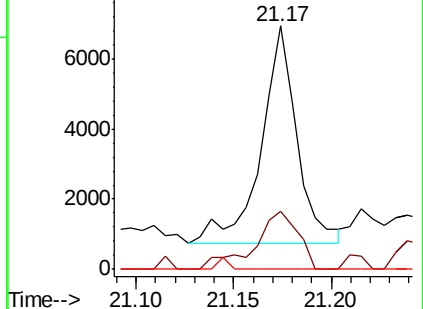
279 0.0 3.6 5.4#



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: 6.075 ng

RT: 22.10 min Scan# 3249

Delta R.T. 0.04 min

Lab File: BM017253.D

Acq: 20 Oct 2018 06:37

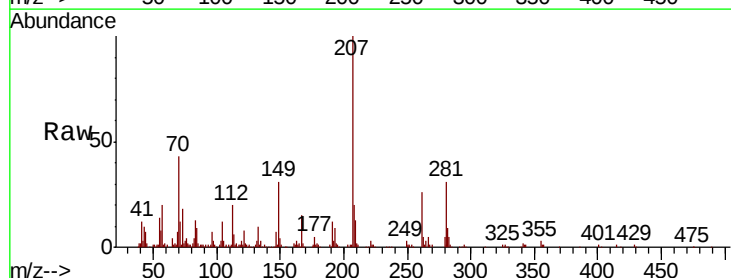
Tgt Ion:149 Resp: 48977

Ion Ratio Lower Upper

149 100

167 53.1 1.4 2.0#

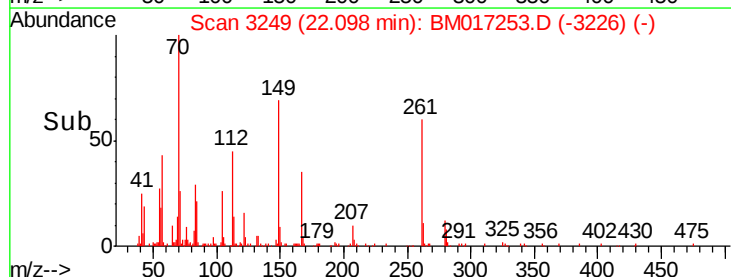
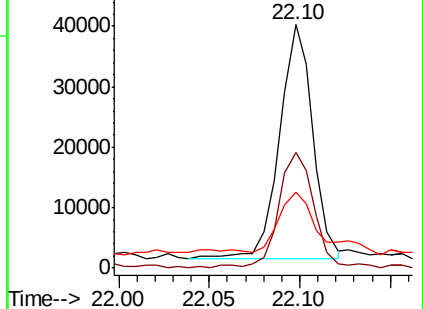
43 27.2 7.2 10.8#

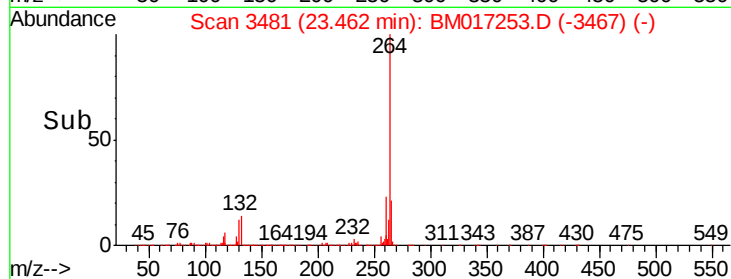
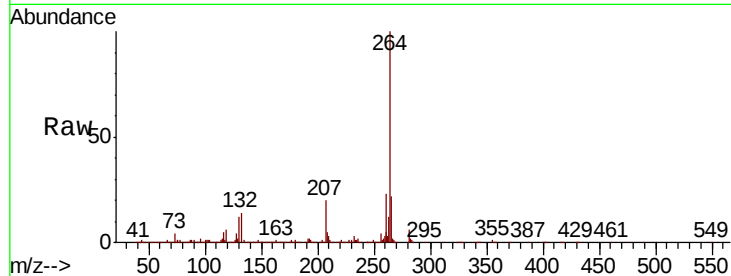
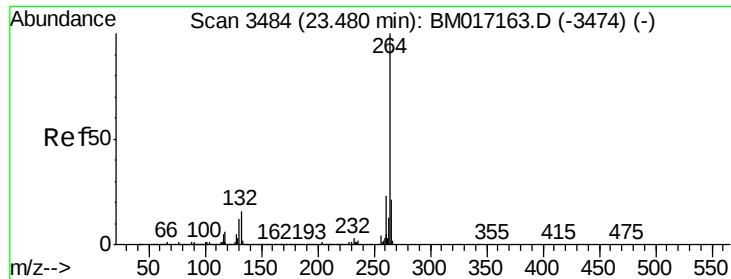


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.46 min Scan# 3481
 Delta R.T. -0.02 min
 Lab File: BM017253.D
 Acq: 20 Oct 2018 06:37

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 264 Resp: 1465640
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 27.8
 265 21.6 17.8 26.8

