

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 :

Quant Time: Oct 24 06:58:39 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

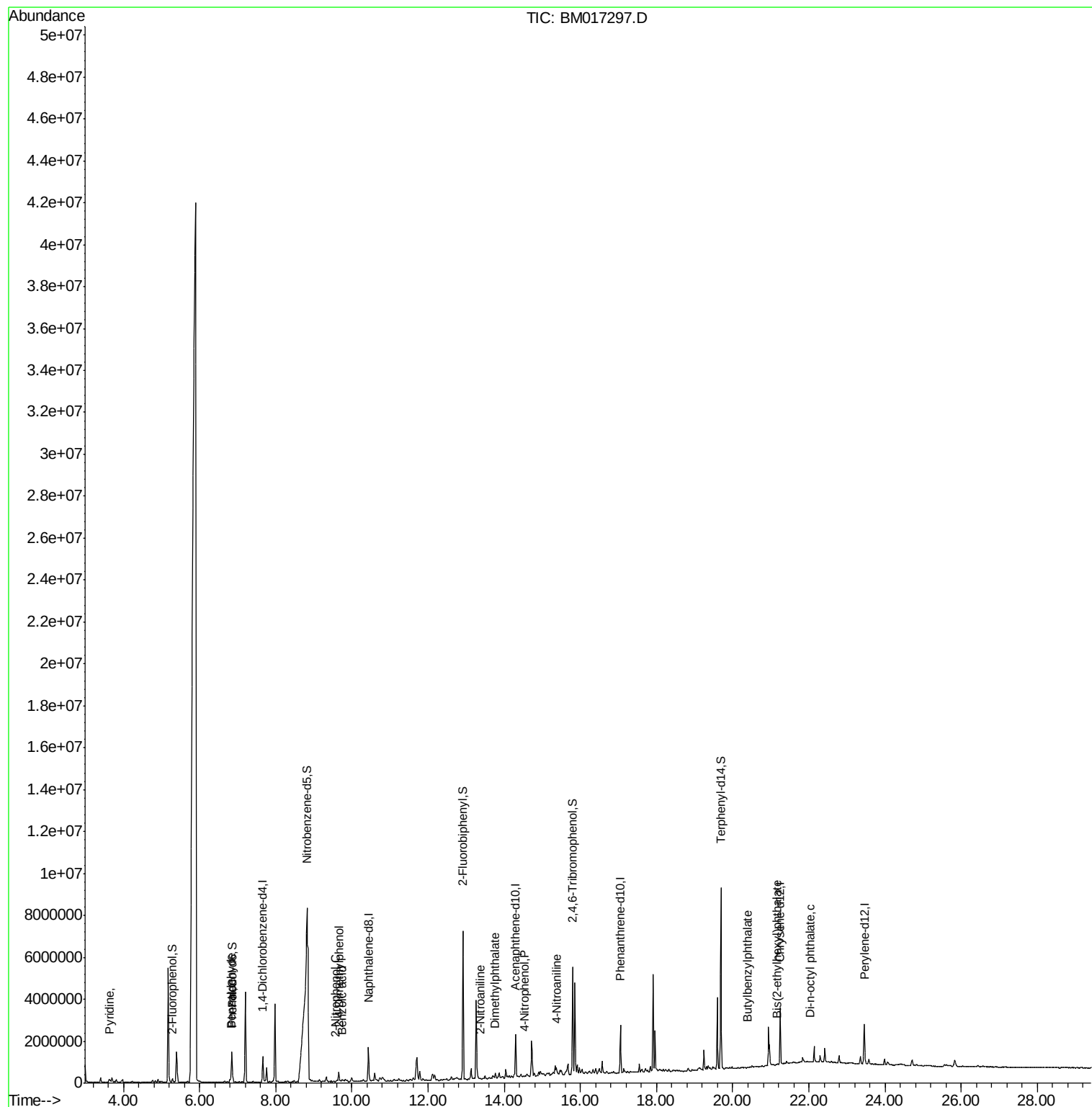
Target Compounds				Qvalue		
3) Pyridine	3.63	79	117506	5.103	ng	# 43
9) Benzaldehyde	6.82	77	55660	3.271	ng	99
10) Phenol	6.87	94	119038	4.144	ng	99
26) 2-Nitrophenol	9.57	139	134	5.714	ng	# 1
27) 2,4-Dimethylphenol	9.66	122	127483	7.966	ng	94
32) Benzoic acid	9.73	122	25285	2.118	ng	88
48) 2-Nitroaniline	13.38	65	3409	5.927	ng	# 28
50) Dimethylphthalate	13.76	163	150383	2.913	ng	98
56) 4-Nitrophenol	14.53	139	437	4.754	ng	# 1
62) 4-Nitroaniline	15.37	138	277	4.773	ng	# 1
80) Butylbenzylphthalate	20.40	149	2158	7.243	ng	# 1
84) Bis(2-ethylhexyl)phthalate	21.17	149	19882	5.733	ng	# 85
85) Di-n-octyl phthalate	22.04	149	2388	5.601	ng	# 1

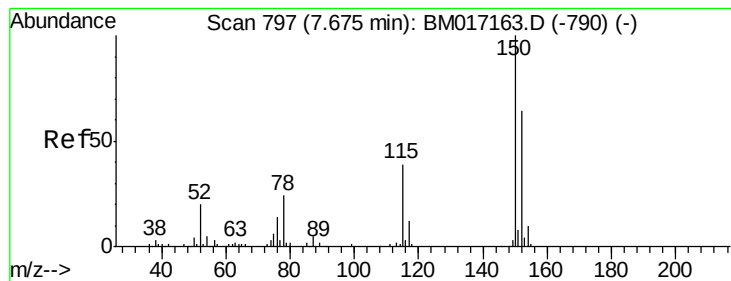
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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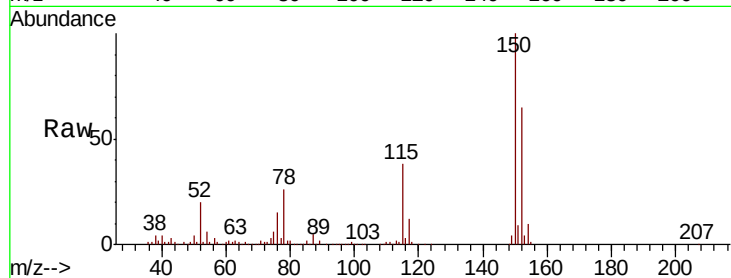


#1

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

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.3	186.5
115	59.0	48.1	72.1

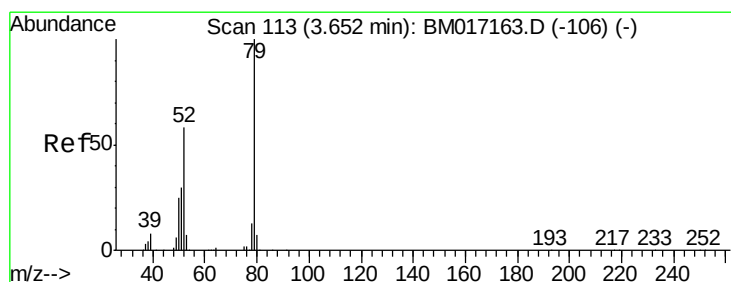
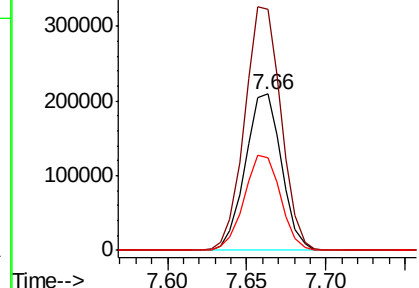
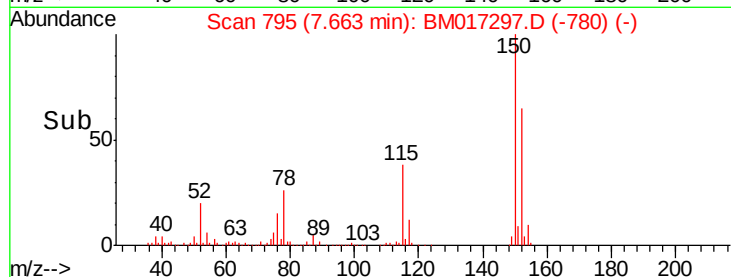


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

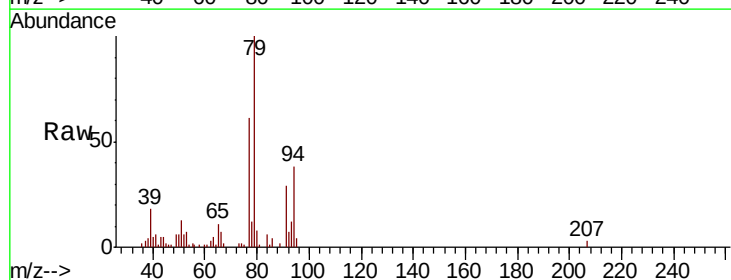
Ion 115.00 (114.70 to 115.70): E



#3

Pyridine
Concen: 5.103 ng
RT: 3.63 min Scan# 109
Delta R.T. -0.02 min
Lab File: BM017297.D
Acq: 23 Oct 2018 22:42

Tgt Ion	Ratio	Lower	Upper
79	100		
52	5.9	46.5	69.7#
51	13.5	24.6	37.0#

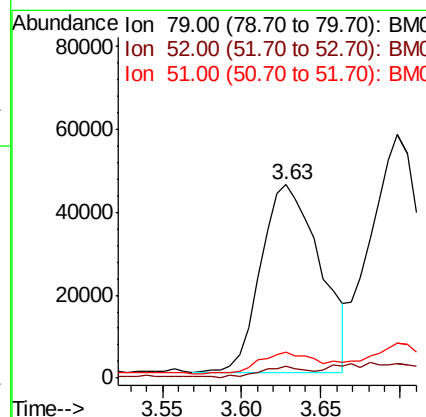
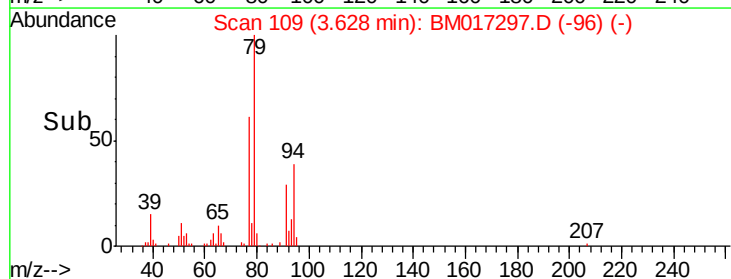


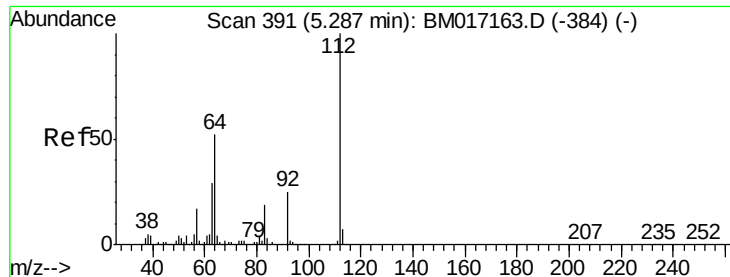
Abundance

Ion 79.00 (78.70 to 79.70): BM0

Ion 52.00 (51.70 to 52.70): BM0

Ion 51.00 (50.70 to 51.70): BM0





#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

Instrument :

BNA_M

ClientSampleId :

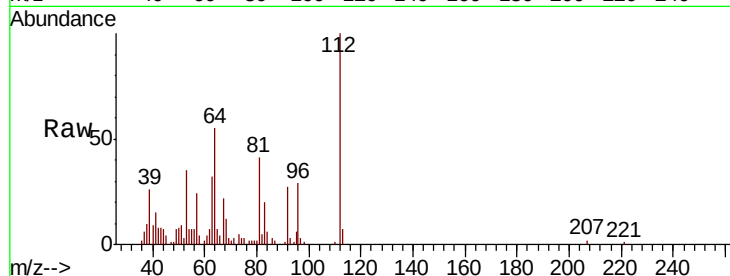
Tot Ion:112 Resp: 80685

Ion Ratio Lower Upper

112 100

64 55.4 41.7 62.5

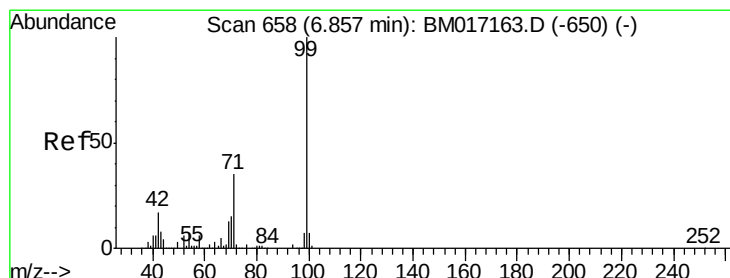
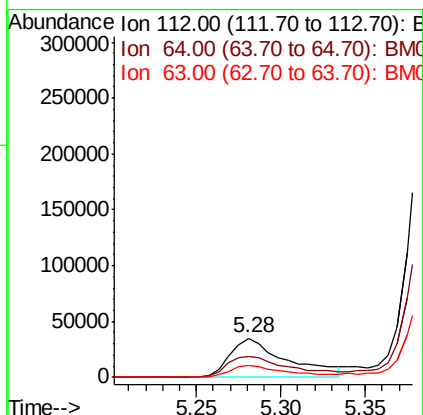
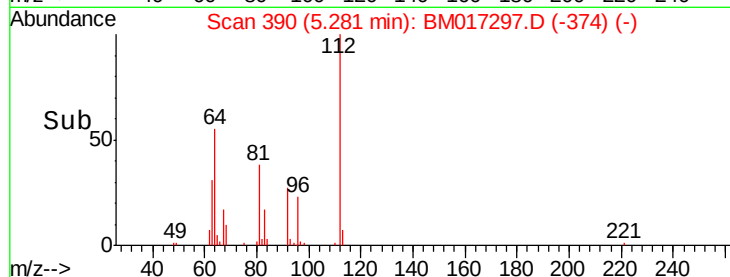
63 31.6 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#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

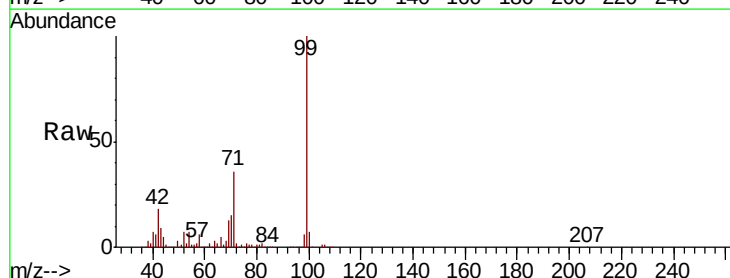
Tgt Ion: 99 Resp: 767021

Ion Ratio Lower Upper

99 100

42 17.6 13.3 19.9

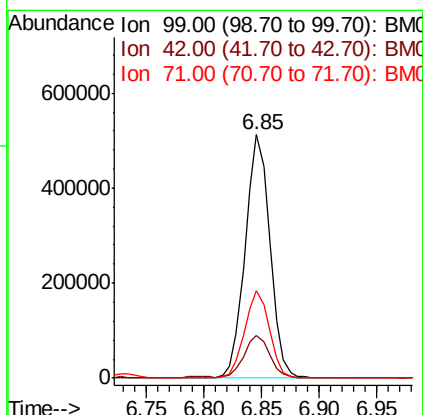
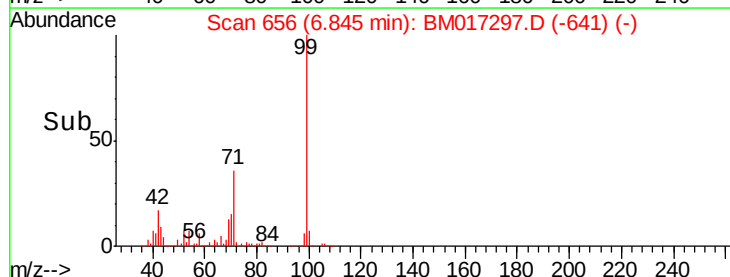
71 35.7 28.0 42.0

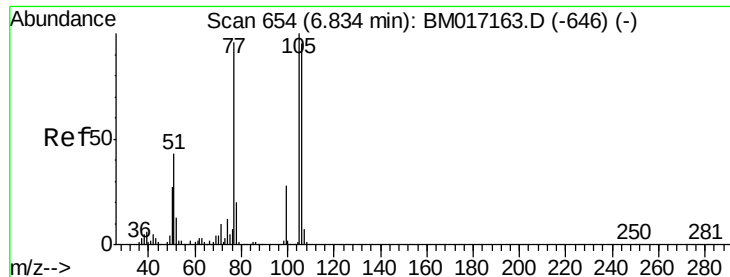


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#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

Instrument :

BNA_M

ClientSampled :

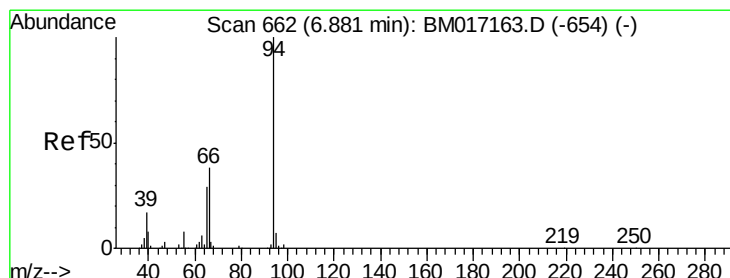
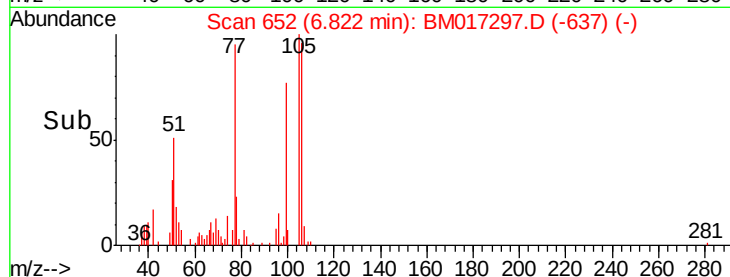
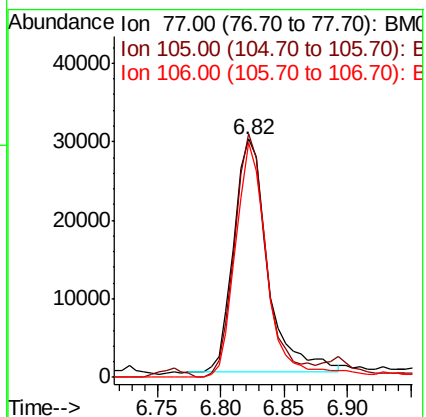
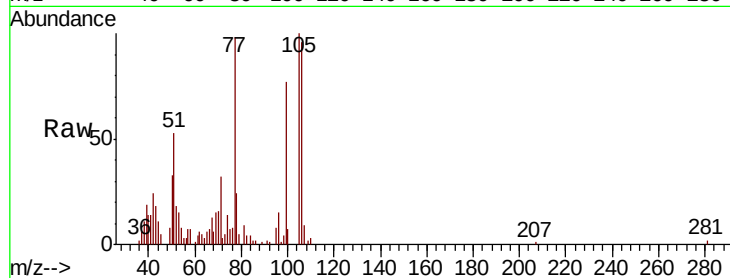
Tot Ion: 77 Resp: 55660

Ion Ratio Lower Upper

77 100

105 102.1 83.9 123.9

106 98.4 78.2 118.2



#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

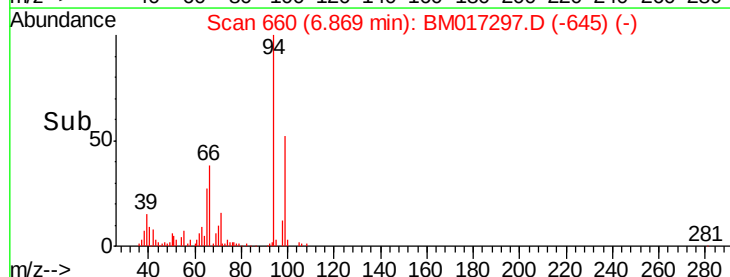
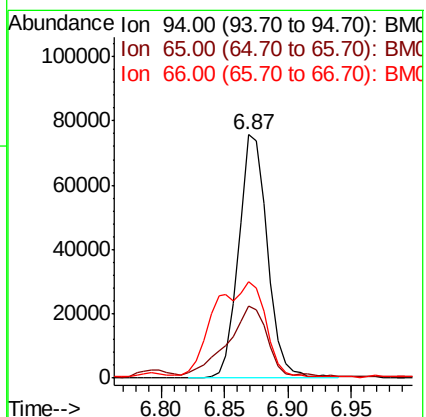
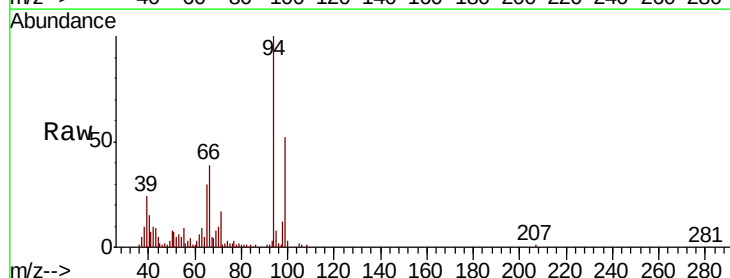
Tgt Ion: 94 Resp: 119038

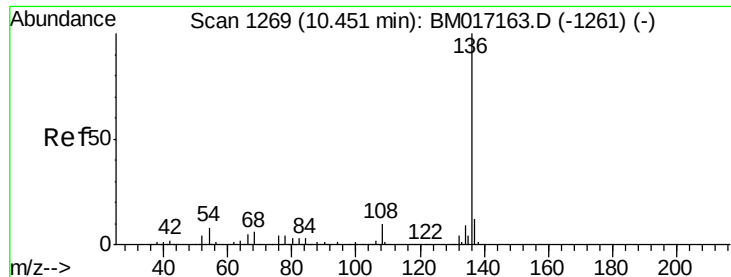
Ion Ratio Lower Upper

94 100

65 29.5 9.4 49.4

66 39.5 19.0 59.0





#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

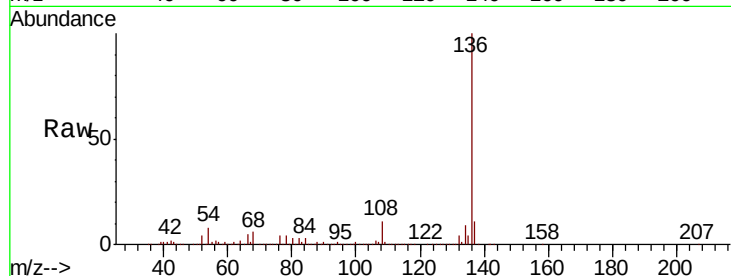
Instrument :

BNA_M

ClientSampleId :

Tot 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

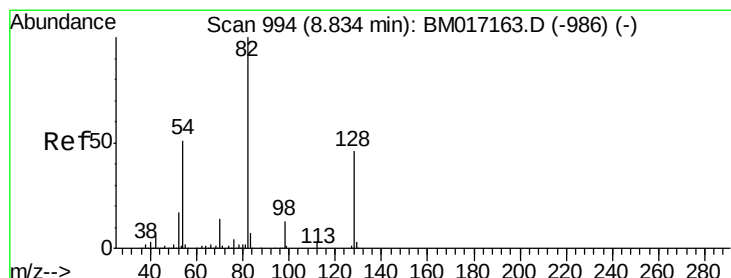
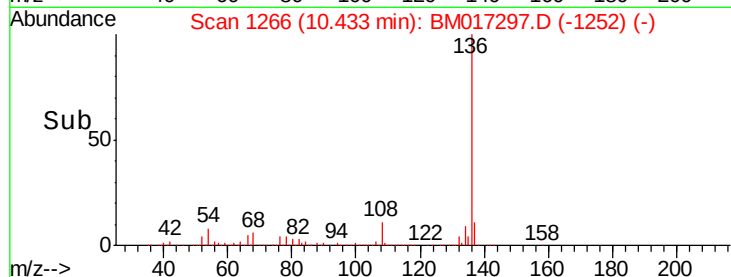


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.537 ng

RT: 8.82 min Scan# 991

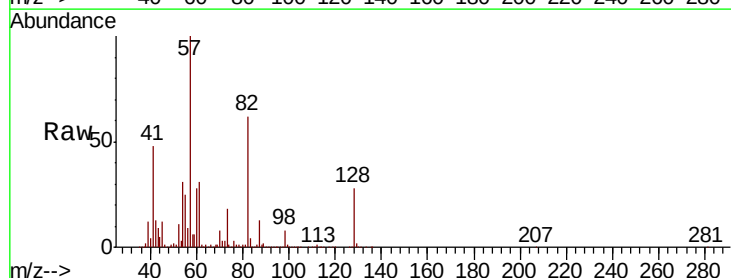
Delta R.T. -0.02 min

Lab File: BM017297.D

Acq: 23 Oct 2018 22:42

Tgt Ion: 82 Resp: 1611690

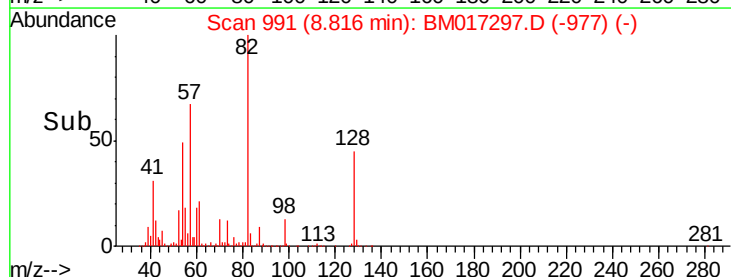
Ion	Ratio	Lower	Upper
82	100		
128	44.5	37.0	55.6
54	49.2	40.7	61.1

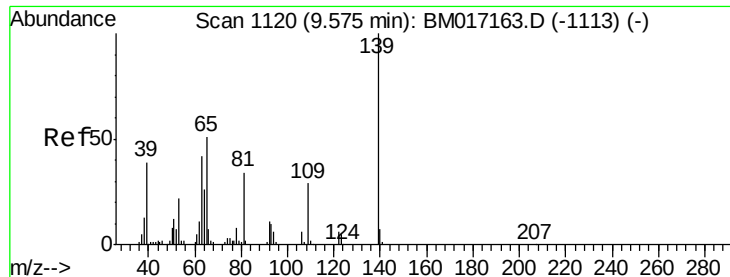


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

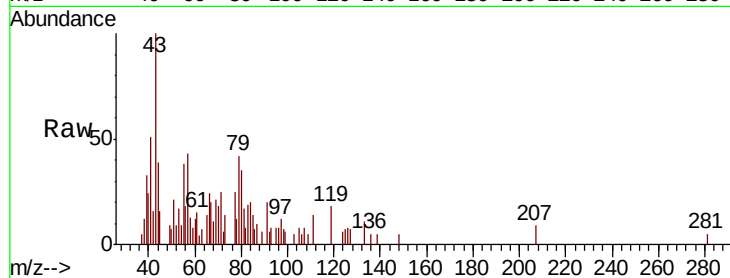




#26
2-Nitrophenol
Concen: 5.714 ng
RT: 9.57 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BM017297.D
Acq: 23 Oct 2018 22:42

Instrument :
BNA_M
ClientSampleId :

Tot Ion	139	Resp	134
Ion Ratio	100		
Lower	23.2		
Upper	34.8		
65	283.9	40.6	61.0

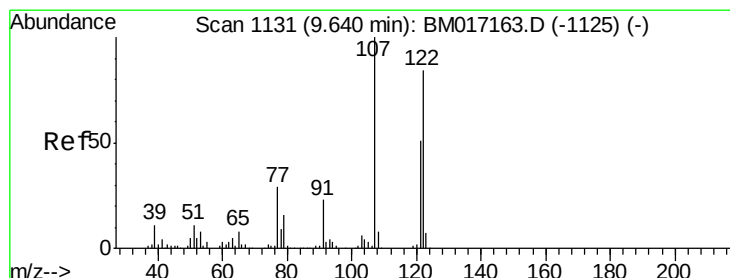
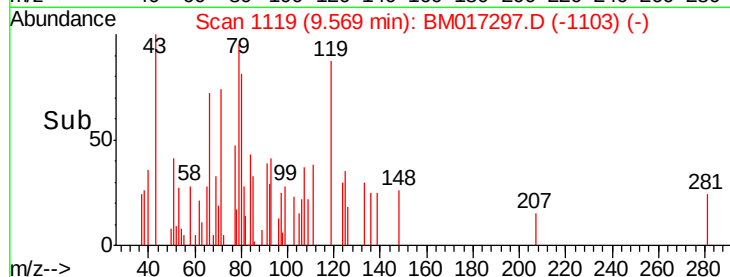
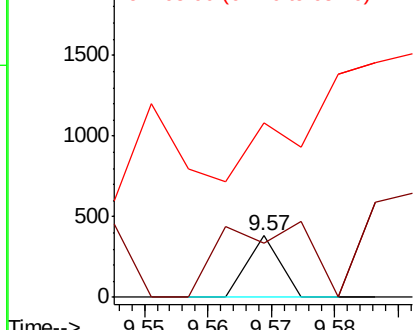


Abundance

Ion 139.00 (138.70 to 139.70): E

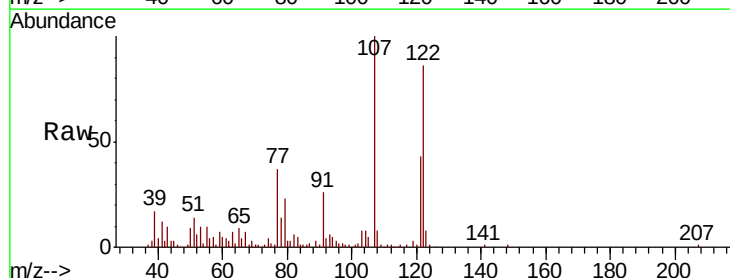
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM



#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	100		
Lower	95.0		
Upper	142.6		
107	116.7	48.2	72.4

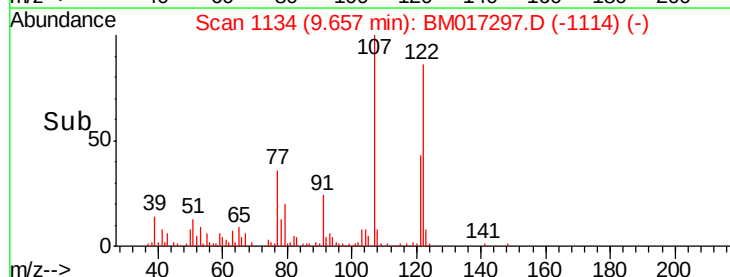
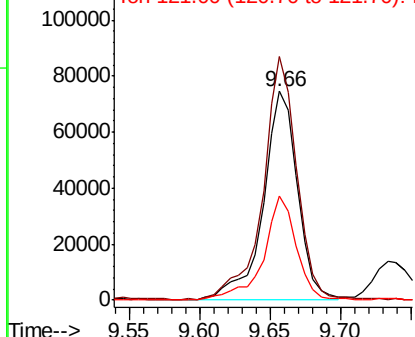


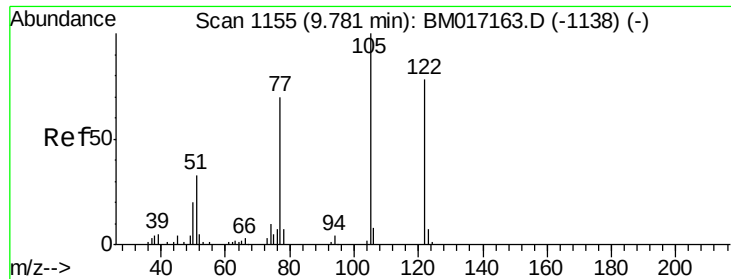
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

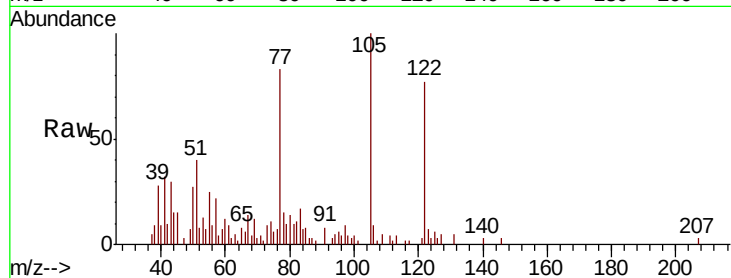




#32
Benzoic acid
Concen: 2.118 ng
RT: 9.73 min Scan# 1147
Delta R.T. -0.05 min
Lab File: BM017297.D
Acq: 23 Oct 2018 22:42

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
105	129.3	102.0	142.0
77	106.7	67.7	107.7

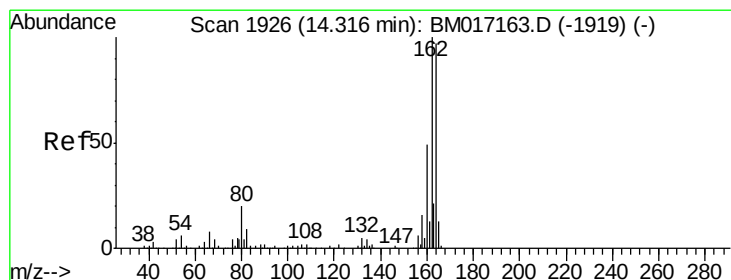
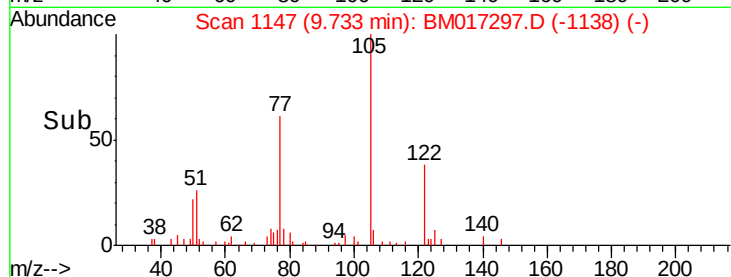
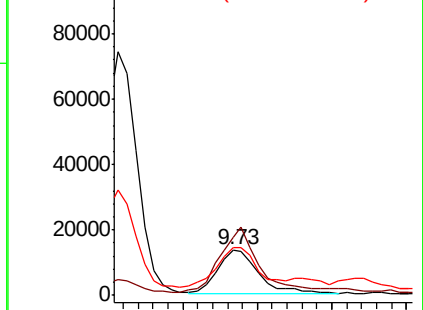


Abundance

Ion 122.00 (121.70 to 122.70): E

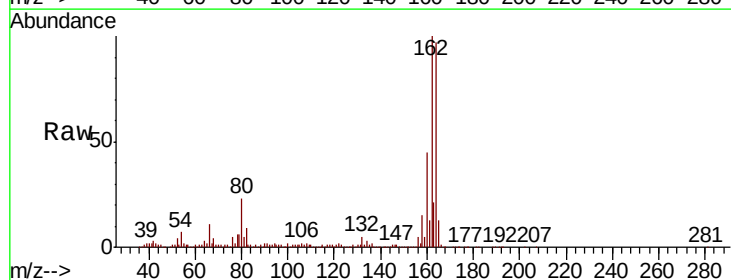
Ion 105.00 (104.70 to 105.70): E

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	Ratio	Lower	Upper
164	100		
162	102.9	82.1	123.1
160	45.9	40.2	60.2

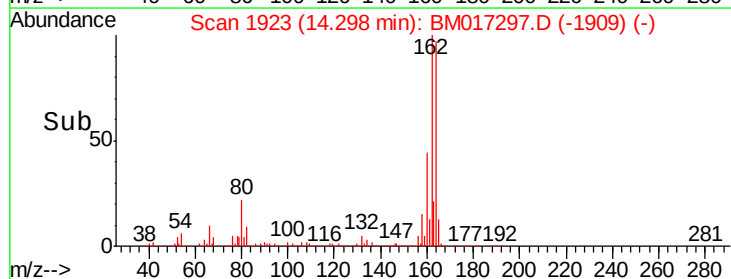
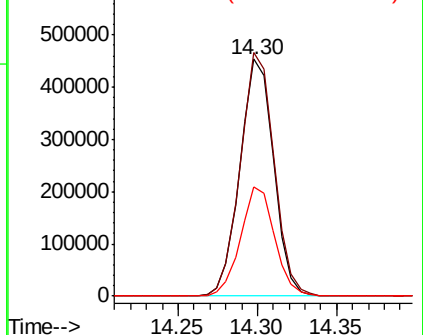


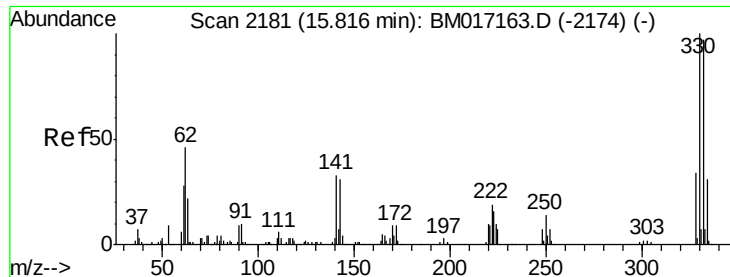
Abundance

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 :

BNA_M

ClientSampled :

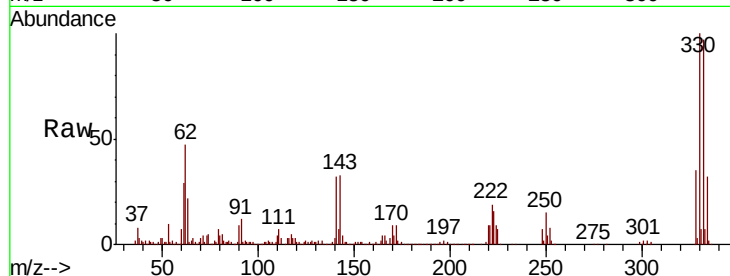
Tot Ion:330 Resp: 938051

Ion Ratio Lower Upper

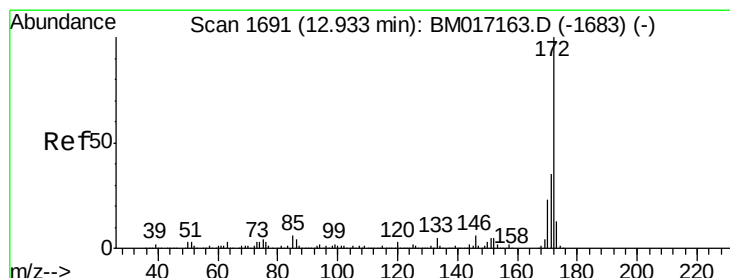
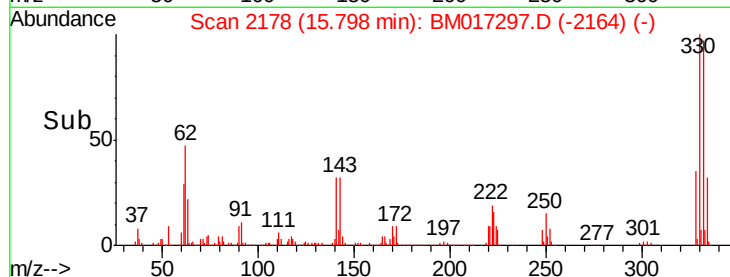
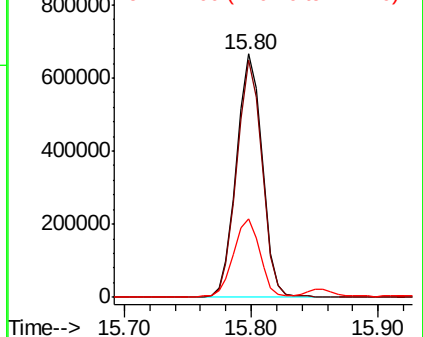
330 100

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

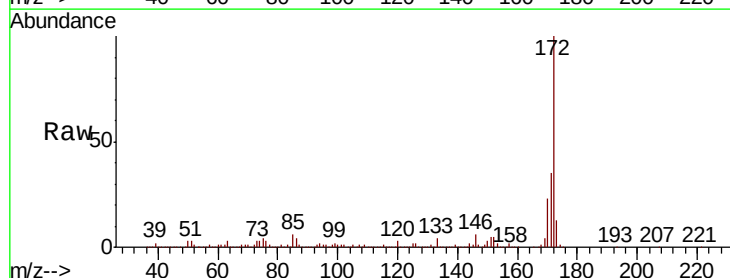
Tgt Ion:172 Resp: 3611149

Ion Ratio Lower Upper

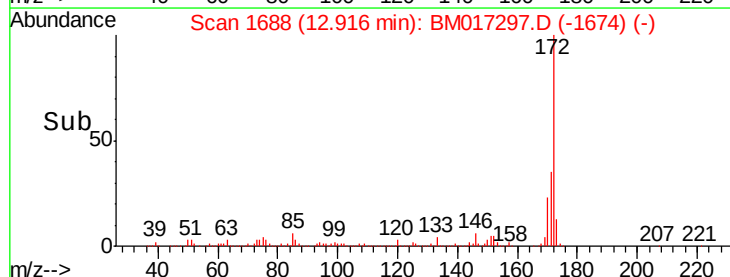
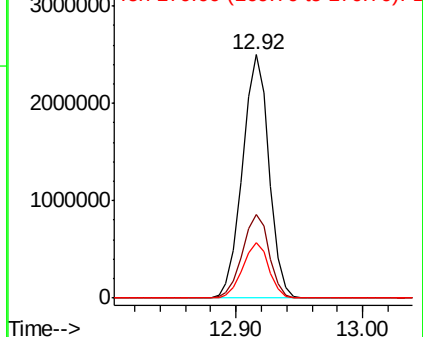
172 100

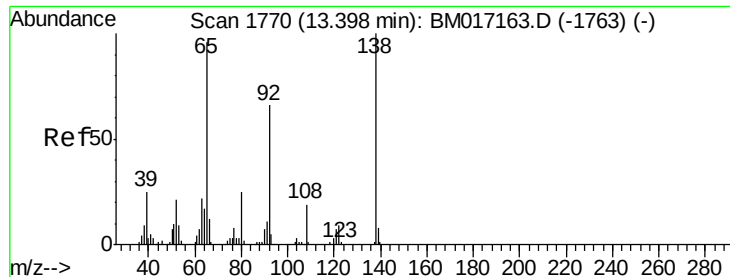
171 34.6 28.3 42.5

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

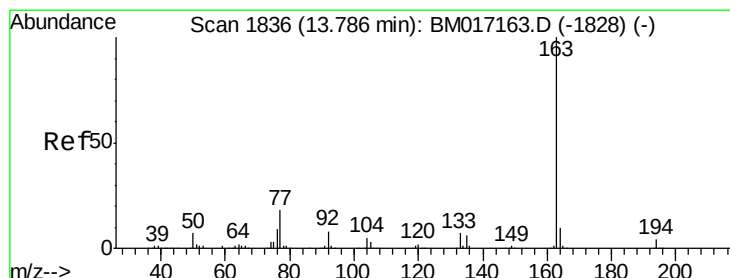
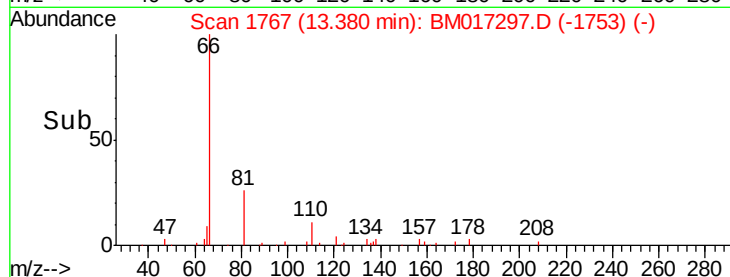
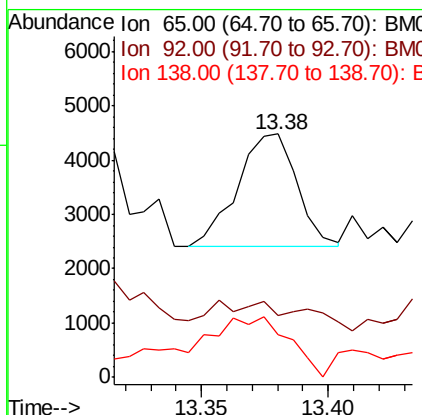
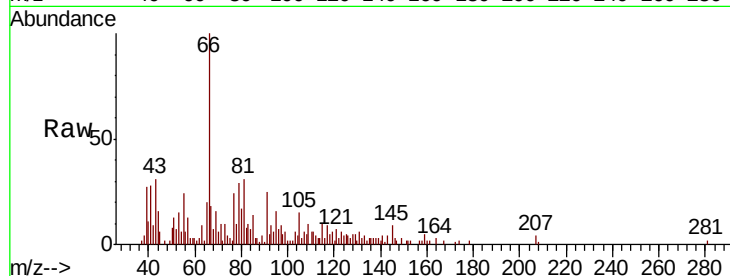




#48
2-Nitroaniline
Concen: 5.927 ng
RT: 13.38 min Scan# 1767
Delta R.T. -0.02 min
Lab File: BM017297.D
Acq: 23 Oct 2018 22:42

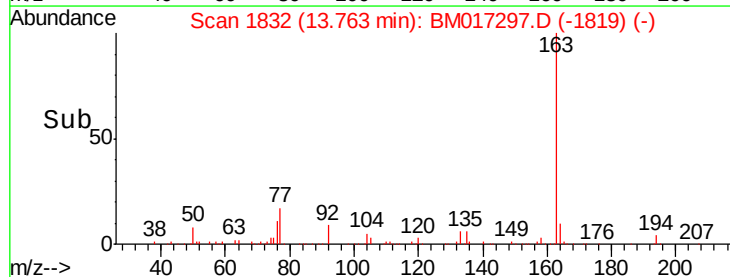
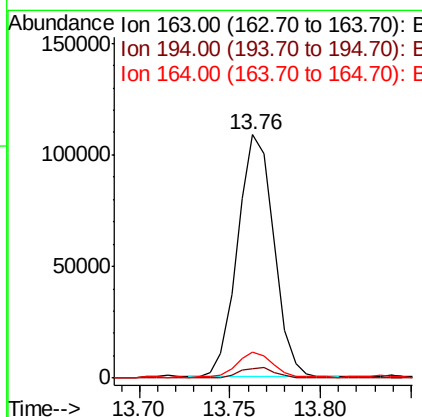
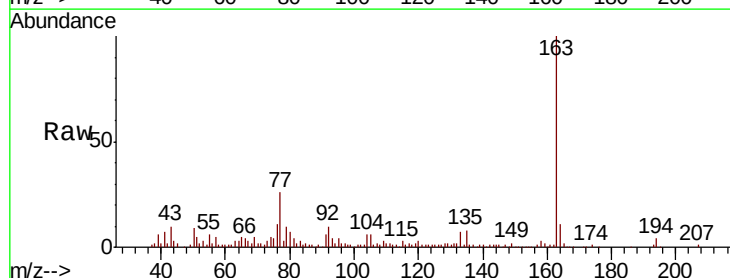
Instrument :
BNA_M
ClientSampleId :

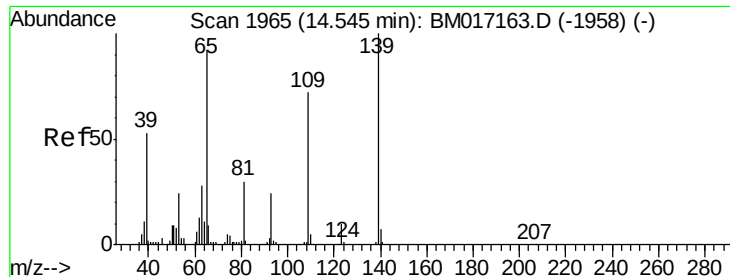
Tot Ion: 65 Resp: 3409
Ion Ratio Lower Upper
65 100
92 25.4 54.9 82.3#
138 17.7 83.7 125.5#



#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

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

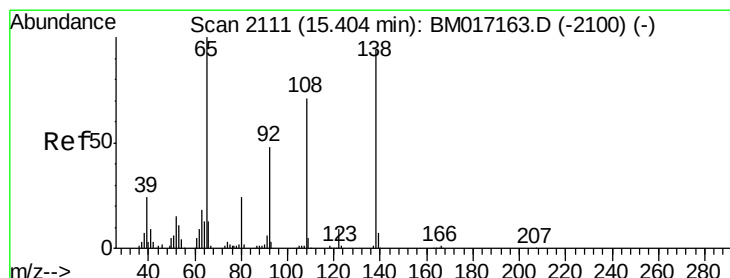
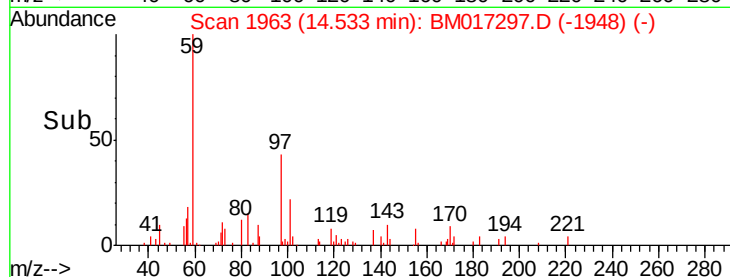
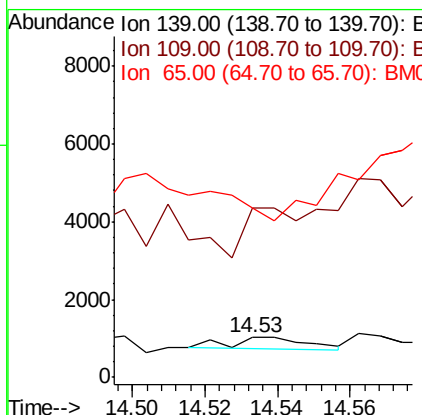
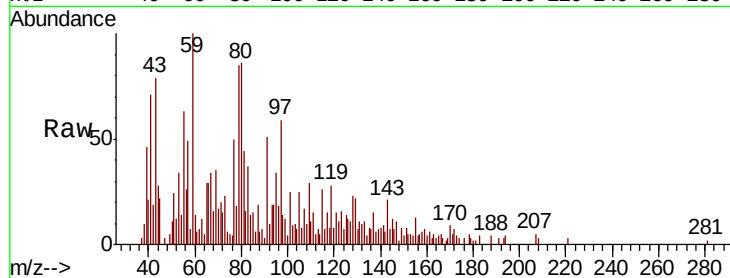




#56
4-Nitrophenol
Concen: 4.754 ng
RT: 14.53 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BM017297.D
Acq: 23 Oct 2018 22:42

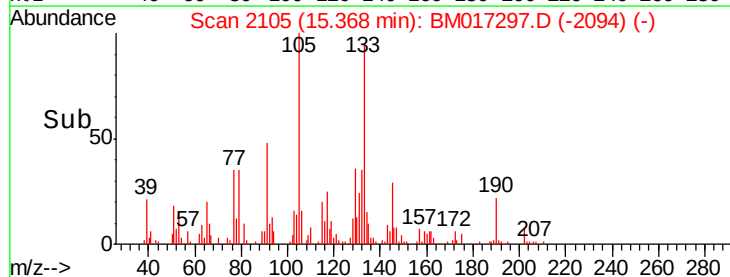
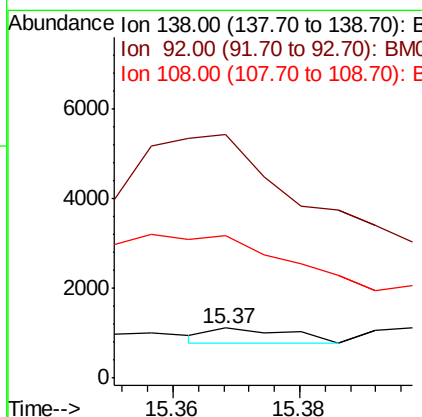
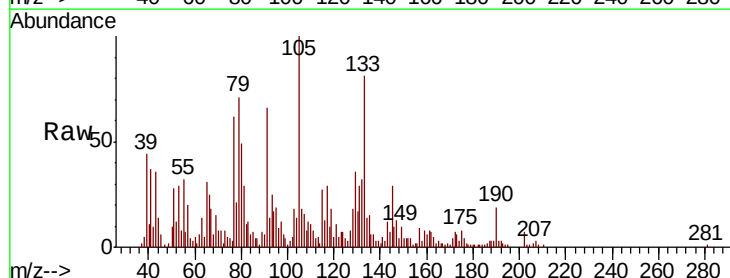
Instrument :
BNA_M
ClientSampleId :

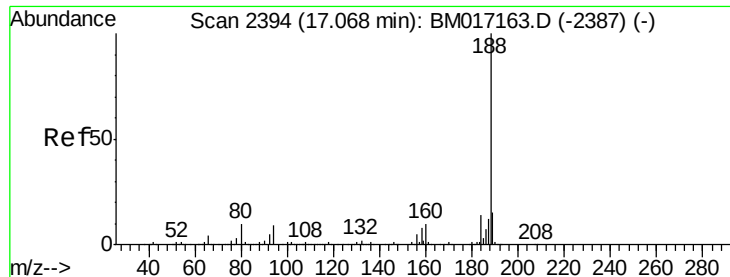
Tot Ion:139 Resp: 437
Ion Ratio Lower Upper
139 100
109 423.8 51.8 91.8#
65 422.8 72.1 112.1#



#62
4-Nitroaniline
Concen: 4.773 ng
RT: 15.37 min Scan# 2105
Delta R.T. -0.03 min
Lab File: BM017297.D
Acq: 23 Oct 2018 22:42

Tgt Ion:138 Resp: 277
Ion Ratio Lower Upper
138 100
92 485.9 31.2 71.2#
108 283.6 55.5 95.5#





#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

Instrument :

BNA_M

ClientSampleId :

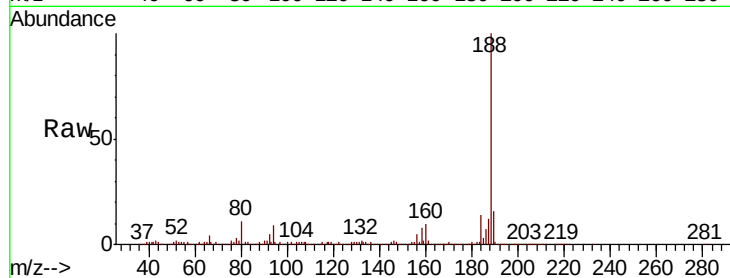
Tot Ion:188 Resp: 1324290

Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.4

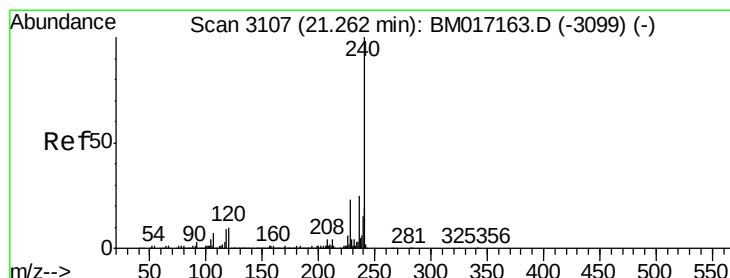
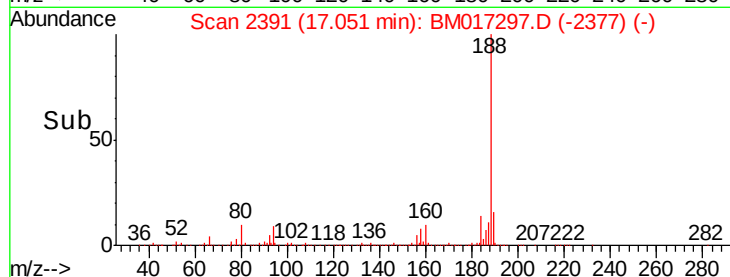
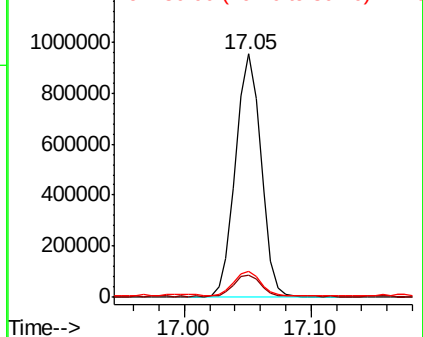
80 10.7 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#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

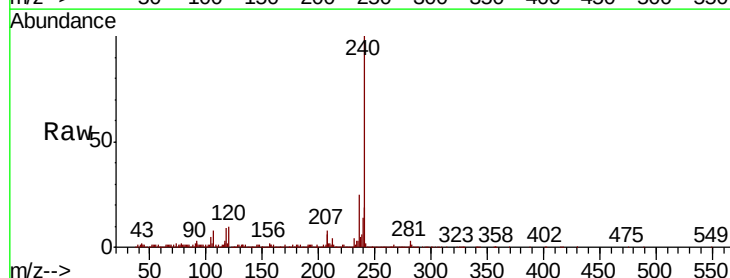
Tgt Ion:240 Resp: 1277961

Ion Ratio Lower Upper

240 100

120 9.9 8.1 12.1

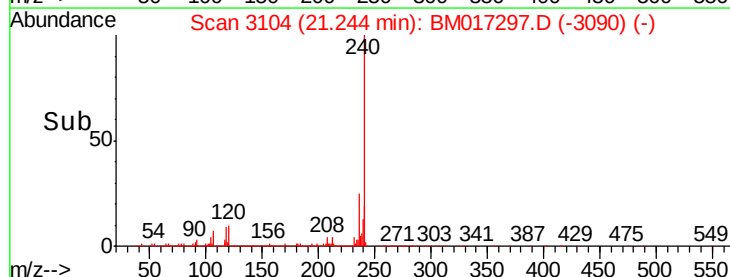
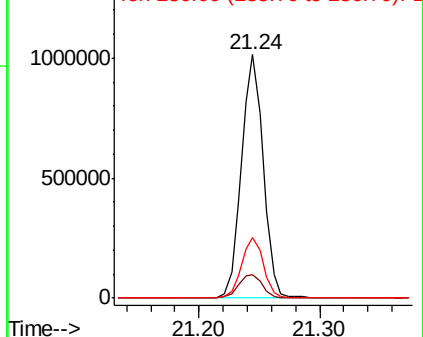
236 24.7 19.9 29.9

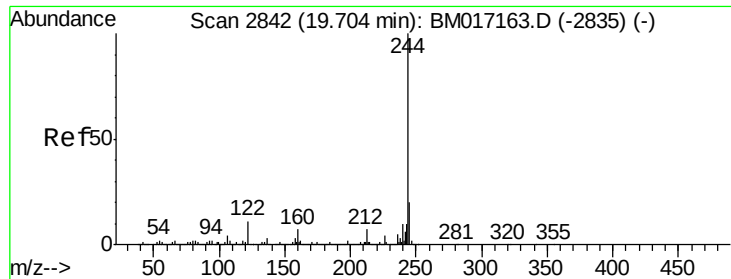


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 71.649 ng

RT: 19.69 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM017297.D

Acq: 23 Oct 2018 22:42

Instrument :

BNA_M

ClientSampleId :

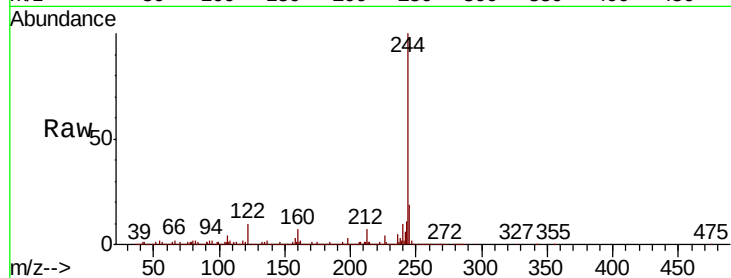
Tot Ion:244 Resp: 4062308

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

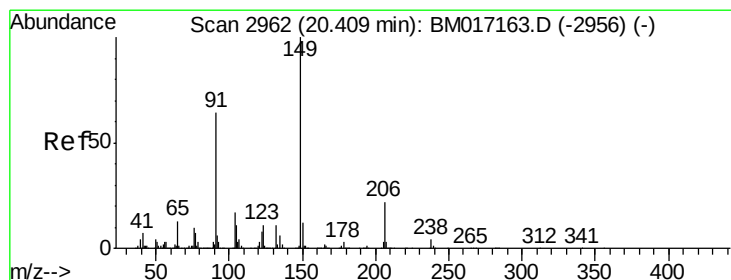
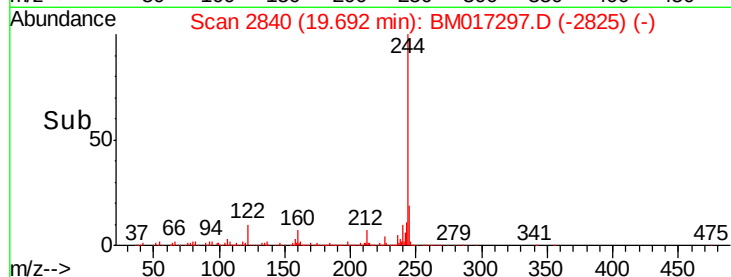
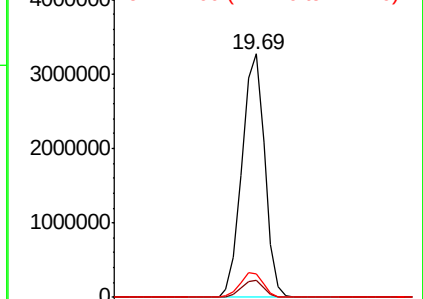
122 9.9 8.4 12.6



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: 7.243 ng

RT: 20.40 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BM017297.D

Acq: 23 Oct 2018 22:42

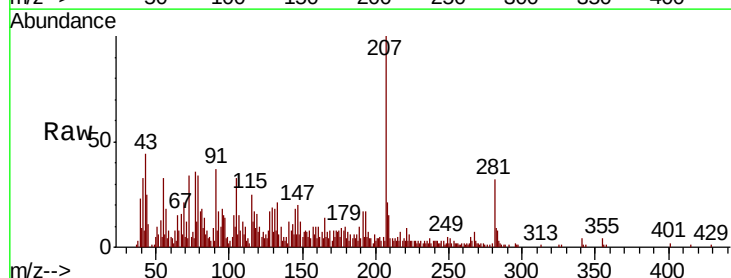
Tgt Ion:149 Resp: 2158

Ion Ratio Lower Upper

149 100

91 316.6 51.3 76.9#

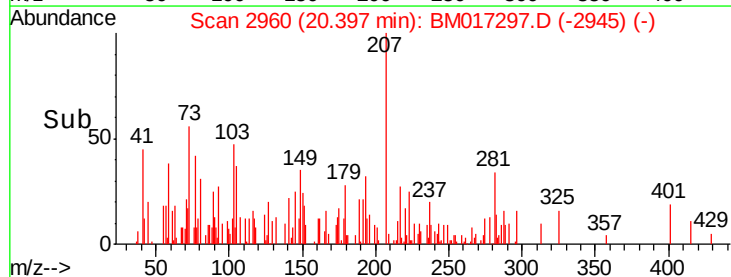
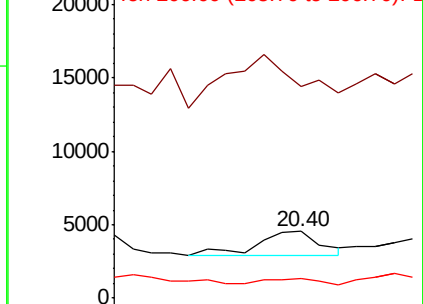
206 28.9 18.0 27.0#

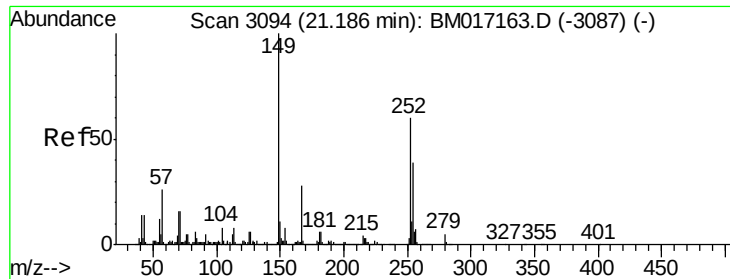


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

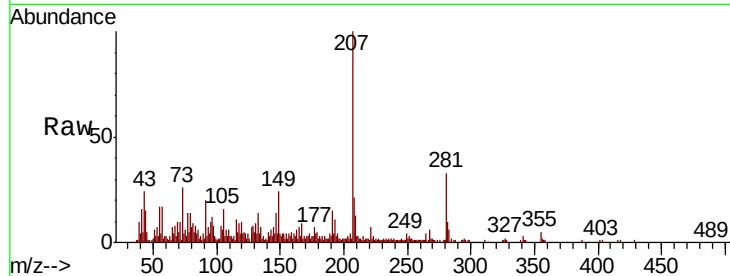




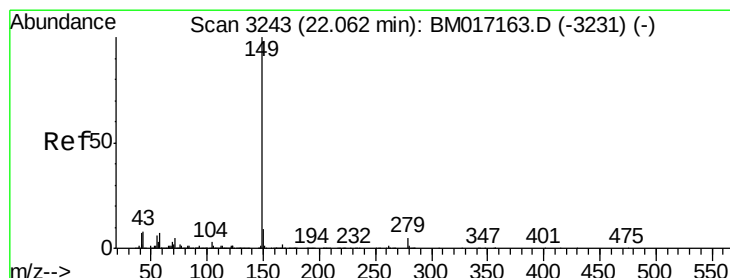
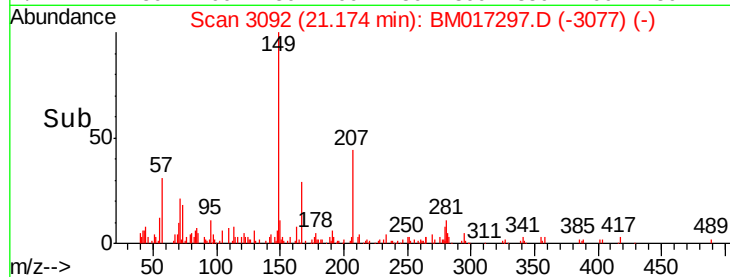
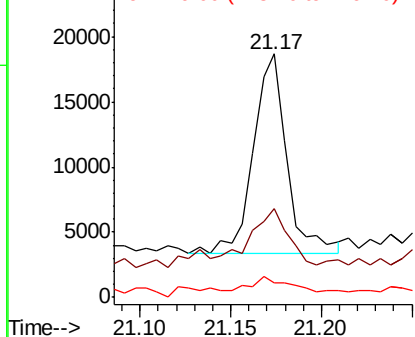
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.733 ng
 RT: 21.17 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BM017297.D
 Acq: 23 Oct 2018 22:42

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
167	36.3	22.2	33.4#
279	5.9	3.6	5.4#

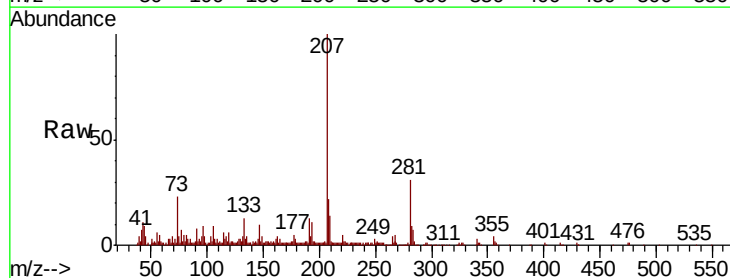


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

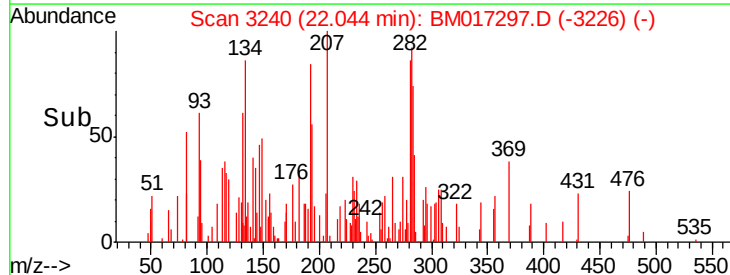
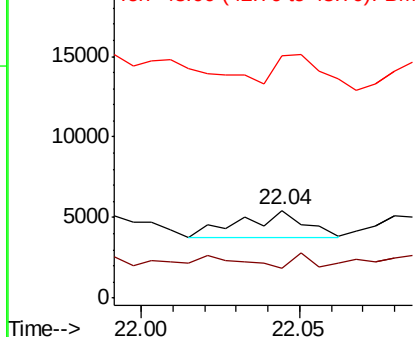


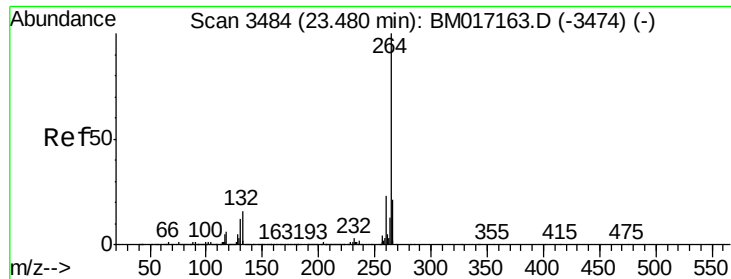
#85
 Di-n-octyl phthalate
 Concen: 5.601 ng
 RT: 22.04 min Scan# 3240
 Delta R.T. -0.02 min
 Lab File: BM017297.D
 Acq: 23 Oct 2018 22:42

Tgt Ion	Ratio	Lower	Upper
149	100		
167	18.1	1.4	2.0#
43	90.7	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# 3480
Delta R.T. -0.02 min
Lab File: BM017297.D
Acq: 23 Oct 2018 22:42

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1350458

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

