

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
 Data File : BM017263.D
 Acq On : 20 Oct 2018 13:50
 Operator : MJ/SJ
 Sample : J5538-17
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 22 02:49:37 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	322182	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	1362530	20.00	ng	-0.01
39) Acenaphthene-d10	14.30	164	824457	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1857725	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1822994	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1605067	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.28	112	2087561	109.59	ng	0.00
7) Phenol-d6	6.85	99	2509168	96.72	ng	-0.01
23) Nitrobenzene-d5	8.82	82	2028061	87.05	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1413720	126.80	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	4823020	77.84	ng	-0.01
79) Terphenyl-d14	19.70	244	7262912	89.80	ng	0.00

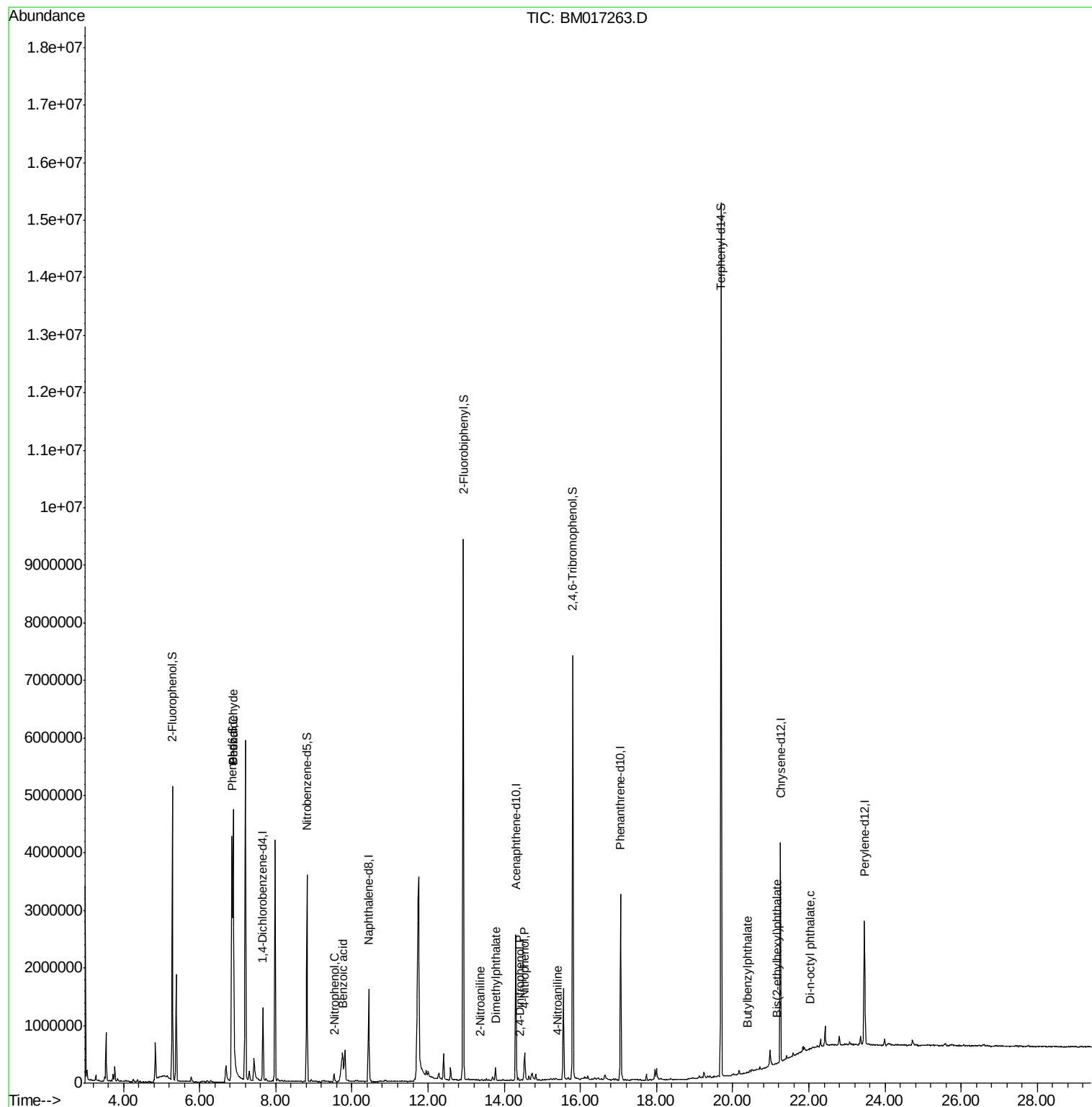
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.88	77	34152	2.065	ng	# 2
10) Phenol	6.88	94	3298086	118.119	ng	# 99
26) 2-Nitrophenol	9.56	139	3713	5.987	ng	# 72
32) Benzoic acid	9.76	122	293983	23.162	ng	# 95
48) 2-Nitroaniline	13.37	65	217	5.700	ng	# 1
50) Dimethylphthalate	13.77	163	134774	2.119	ng	# 99
54) 2,4-Dinitrophenol	14.42	184	122	8.240	ng	# 1
56) 4-Nitrophenol	14.54	139	116812	12.672	ng	# 93
62) 4-Nitroaniline	15.40	138	515	4.782	ng	# 1
80) Butylbenzylphthalate	20.39	149	1429	7.207	ng	# 58
84) Bis(2-ethylhexyl)phthalate	21.17	149	4872	5.381	ng	# 89
85) Di-n-octyl phthalate	22.03	149	490	5.576	ng	# 1

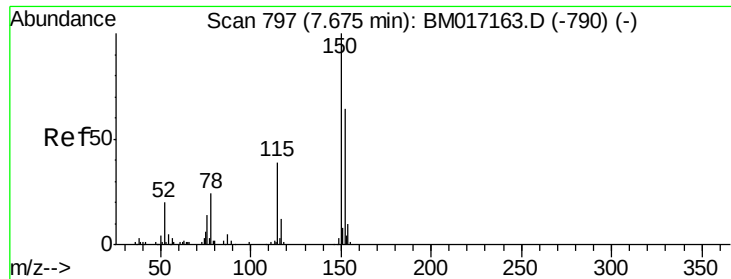
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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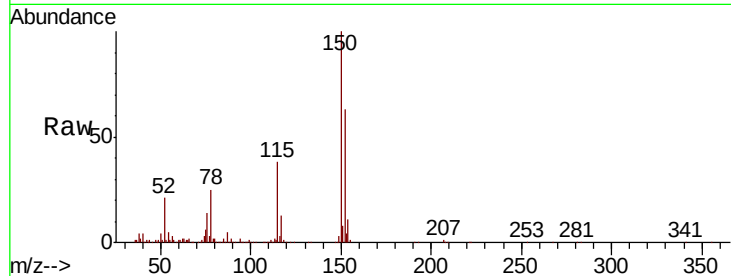


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM017263.D
Acq: 20 Oct 2018 13:50

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.3	186.5
115	59.9	48.1	72.1

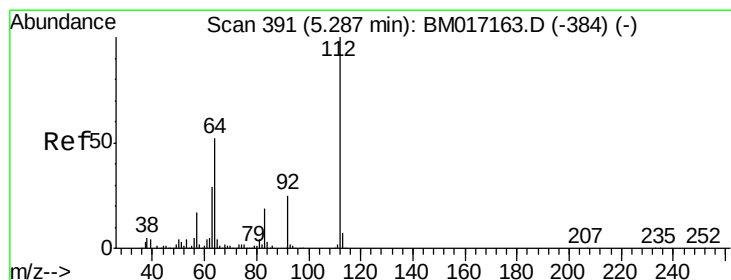
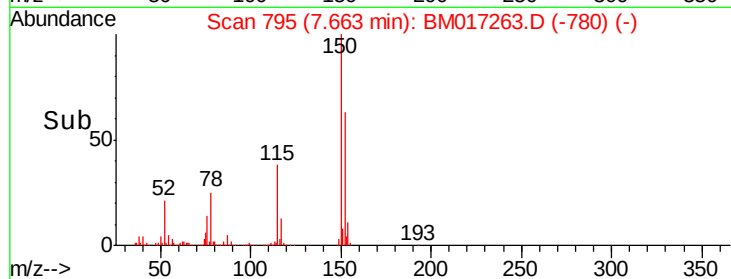
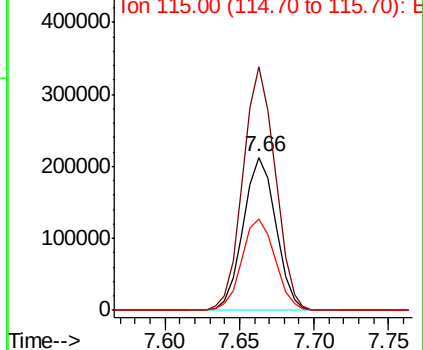


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

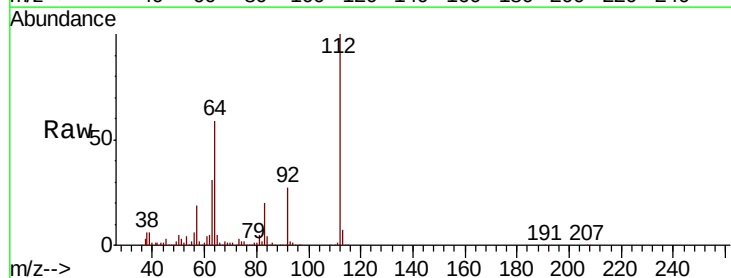
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 109.589 ng
RT: 5.28 min Scan# 390
Delta R.T. -0.01 min
Lab File: BM017263.D
Acq: 20 Oct 2018 13:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	41.7	62.5
63	31.2	23.0	34.4

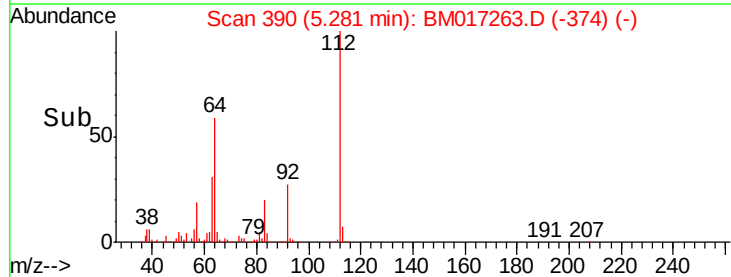
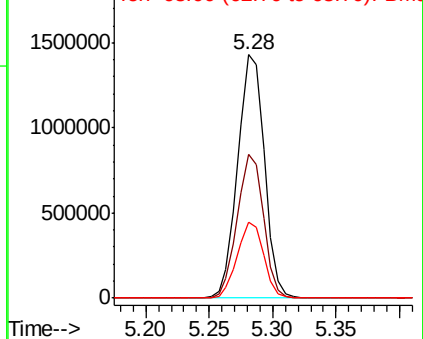


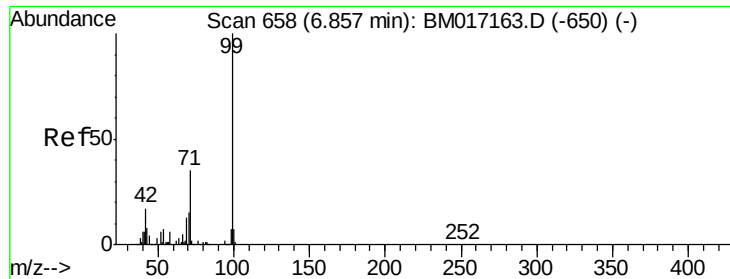
Abundance

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: 96.716 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM017263.D

Acq: 20 Oct 2018 13:50

Instrument :

BNA_M

ClientSampleId :

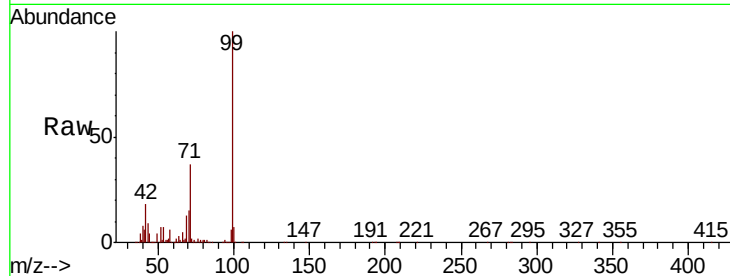
Tot Ion: 99 Resp: 2509168

Ion Ratio Lower Upper

99 100

42 17.9 13.3 19.9

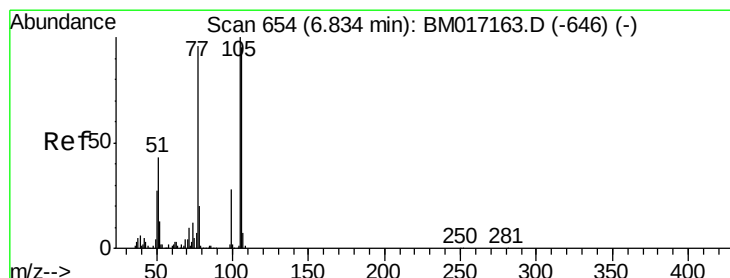
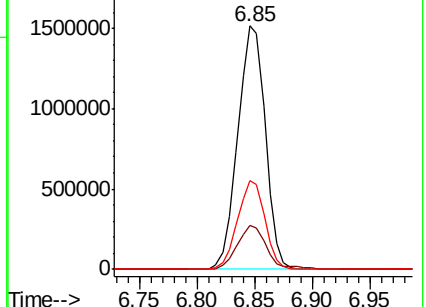
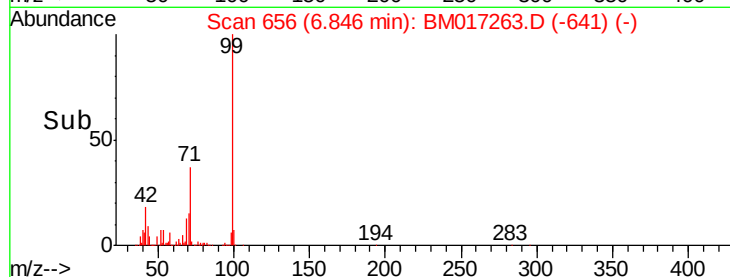
71 36.6 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017263.D (-650) (-)

Ion 42.00 (41.70 to 42.70): BM017263.D (-650) (-)

Ion 71.00 (70.70 to 71.70): BM017263.D (-650) (-)



#9

Benzaldehyde

Concen: 2.065 ng

RT: 6.88 min Scan# 662

Delta R.T. 0.05 min

Lab File: BM017263.D

Acq: 20 Oct 2018 13:50

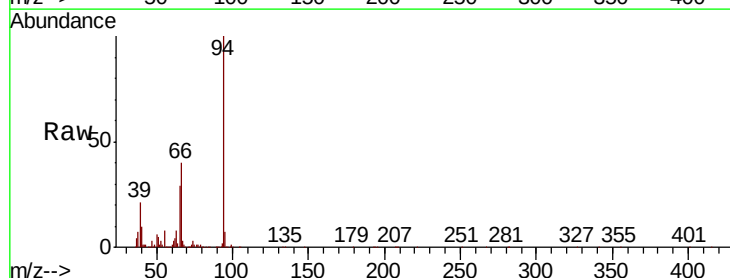
Tgt Ion: 77 Resp: 34152

Ion Ratio Lower Upper

77 100

105 4.1 83.9 123.9#

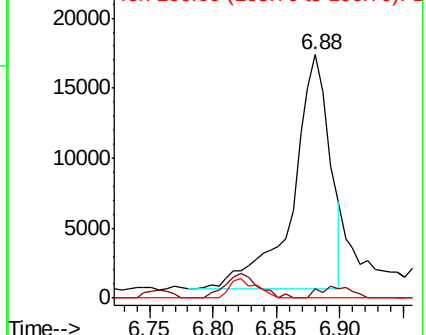
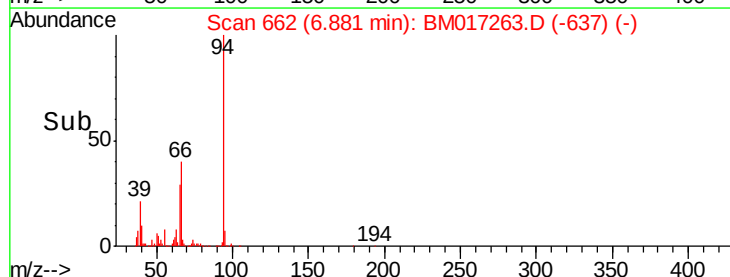
106 0.0 78.2 118.2#

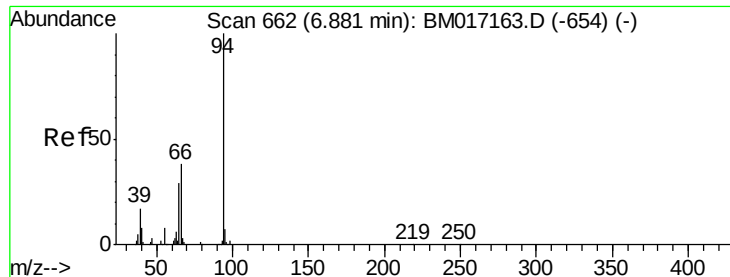


Abundance Ion 77.00 (76.70 to 77.70): BM017263.D (-637) (-)

Ion 105.00 (104.70 to 105.70): BM017263.D (-637) (-)

Ion 106.00 (105.70 to 106.70): BM017263.D (-637) (-)





#10

Phenol

Concen: 118.119 ng

RT: 6.88 min Scan# 662

Delta R.T. -0.00 min

Lab File: BM017263.D

Acq: 20 Oct 2018 13:50

Instrument :

BNA_M

ClientSampleId :

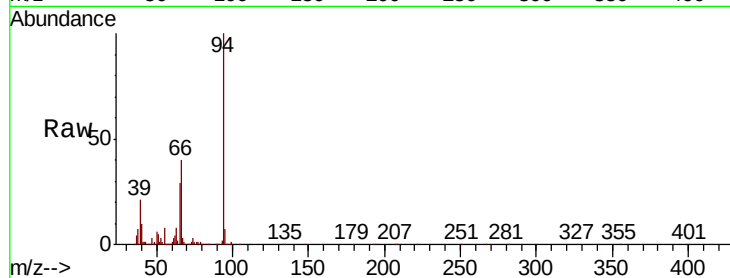
Tot Ion: 94 Resp: 3298086

Ion Ratio Lower Upper

94 100

65 28.5 9.4 49.4

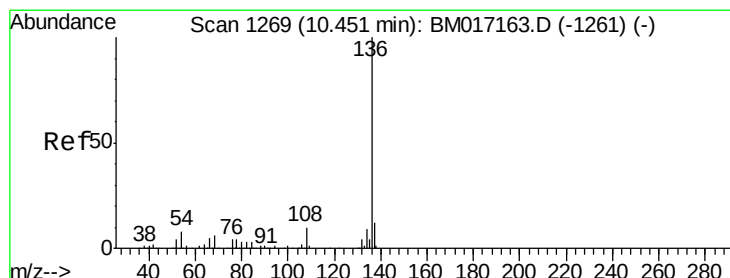
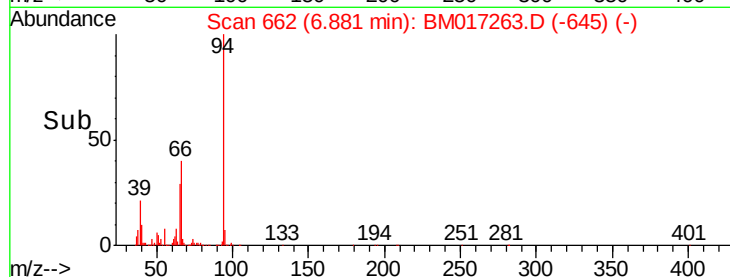
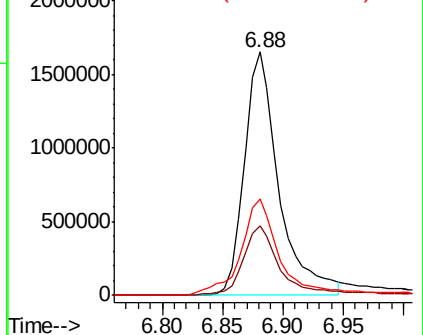
66 39.6 19.0 59.0



Abundance Ion 94.00 (93.70 to 94.70): BM017263.D (-654) (-)

Ion 65.00 (64.70 to 65.70): BM017263.D (-654) (-)

Ion 66.00 (65.70 to 66.70): BM017263.D (-654) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.44 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BM017263.D

Acq: 20 Oct 2018 13:50

Tgt Ion: 136 Resp: 1362530

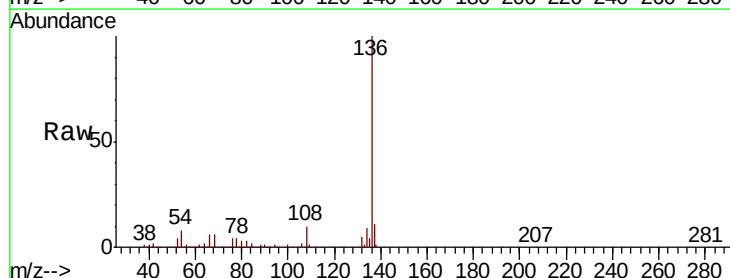
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 7.5 6.7 10.1

68 5.5 4.7 7.1

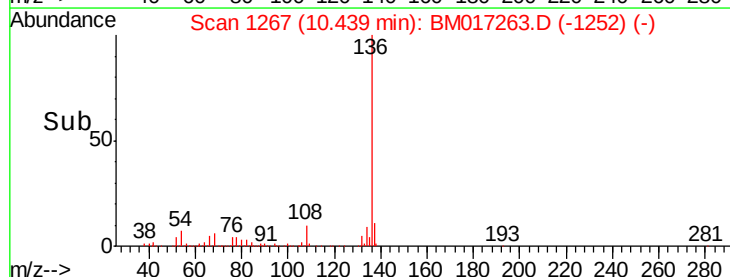
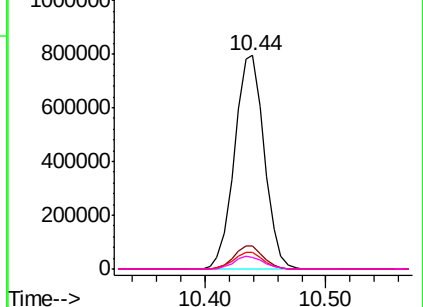


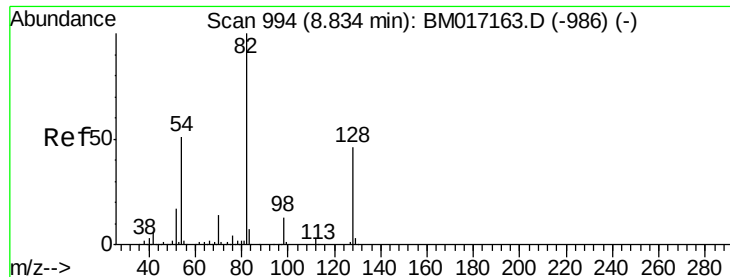
Abundance Ion 136.00 (135.70 to 136.70): BM017263.D (-1261) (-)

Ion 137.00 (136.70 to 137.70): BM017263.D (-1261) (-)

Ion 54.00 (53.70 to 54.70): BM017263.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM017263.D (-1261) (-)



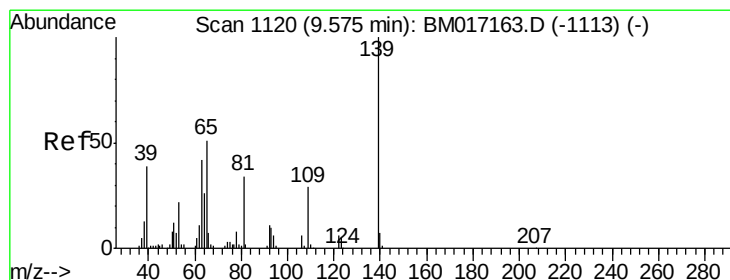
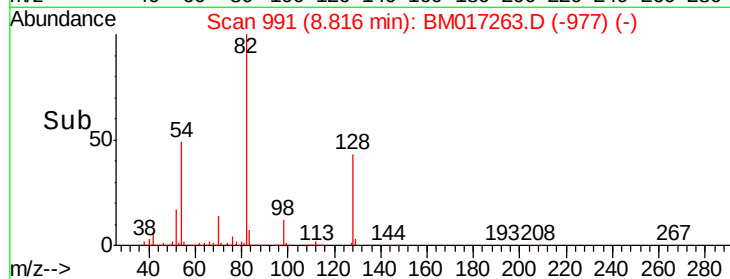
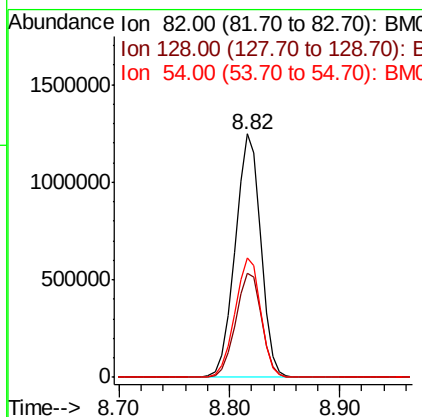
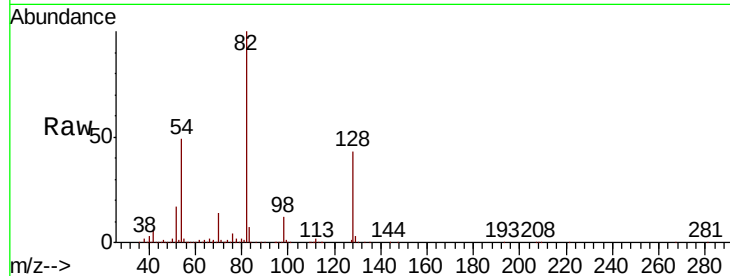


#23
 Nitrobenzene-d5
 Concen: 87.053 ng
 RT: 8.82 min Scan# 991
 Delta R.T. -0.02 min
 Lab File: BM017263.D
 Acq: 20 Oct 2018 13:50

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 82 Resp: 2028061

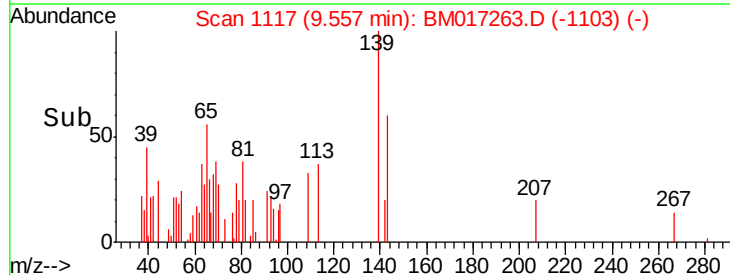
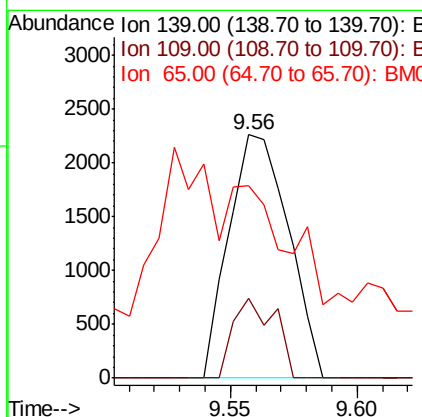
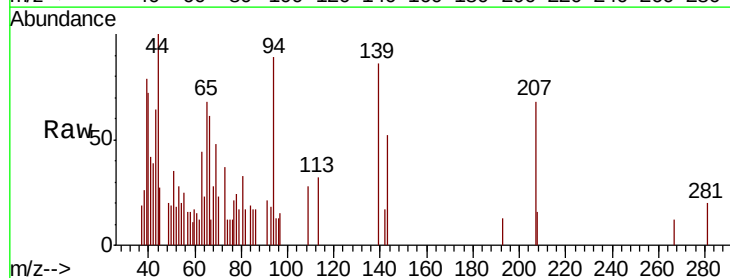
Ion	Ratio	Lower	Upper
82	100		
128	43.0	37.0	55.6
54	48.9	40.7	61.1

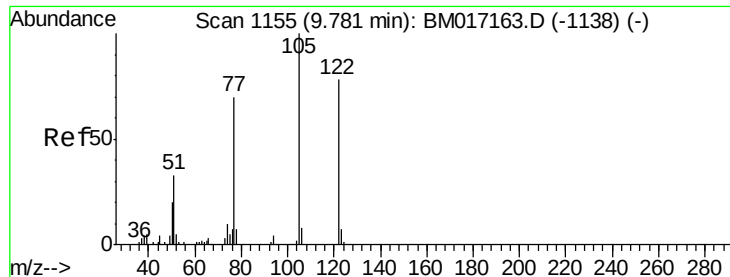


#26
 2-Nitrophenol
 Concen: 5.987 ng
 RT: 9.56 min Scan# 1117
 Delta R.T. -0.02 min
 Lab File: BM017263.D
 Acq: 20 Oct 2018 13:50

Tgt Ion: 139 Resp: 3713

Ion	Ratio	Lower	Upper
139	100		
109	32.5	23.2	34.8
65	79.1	40.6	61.0

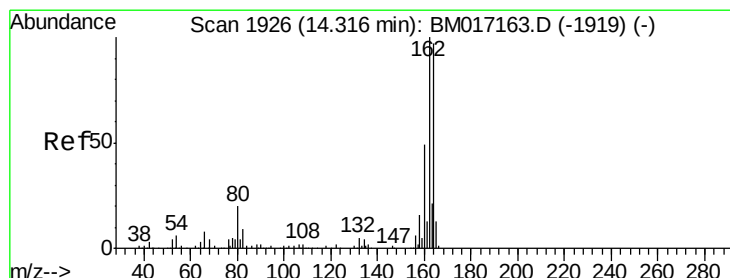
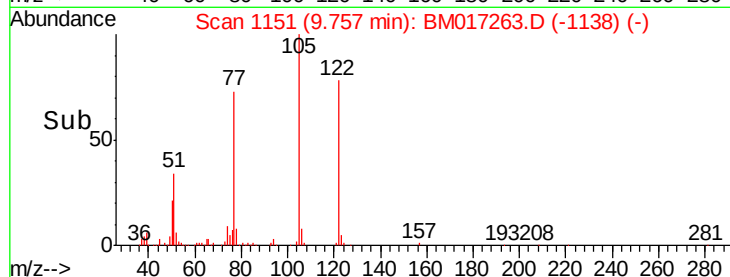
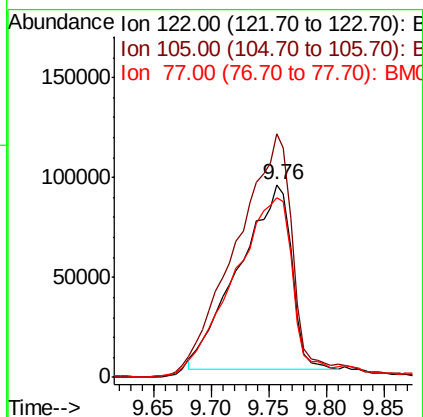
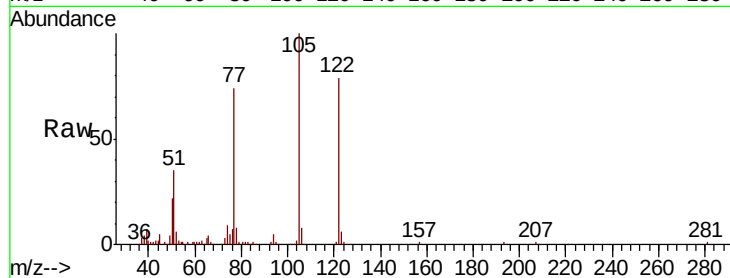




#32
Benzoic acid
Concen: 23.162 ng
RT: 9.76 min Scan# 1151
Delta R.T. -0.02 min
Lab File: BM017263.D
Acq: 20 Oct 2018 13:50

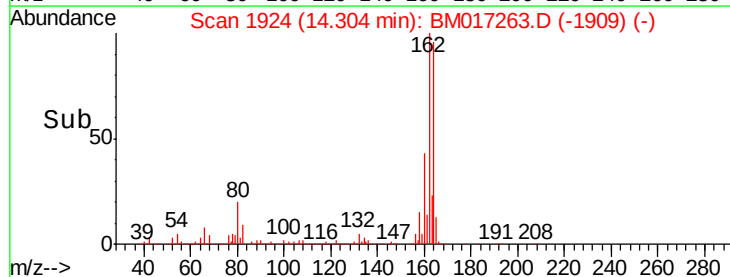
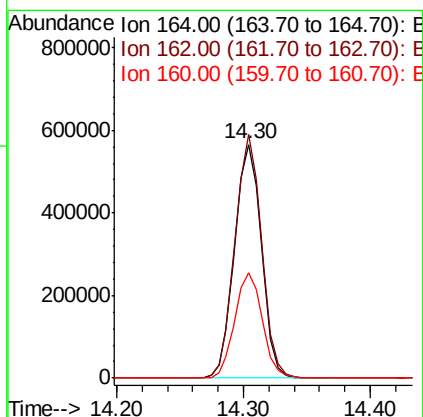
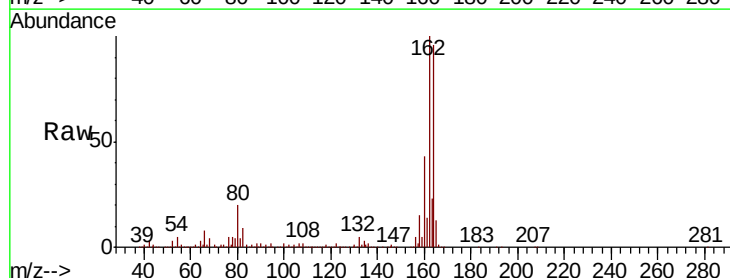
Instrument :
BNA_M
ClientSampleId :

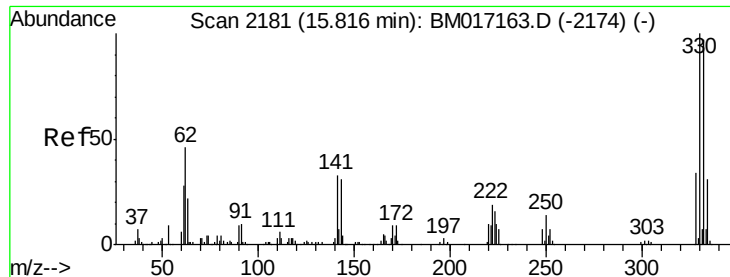
Tot Ion	Ratio	Lower	Upper
122	100		
105	126.4	102.0	142.0
77	93.4	67.7	107.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM017263.D
Acq: 20 Oct 2018 13:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.1	123.1
160	45.0	40.2	60.2

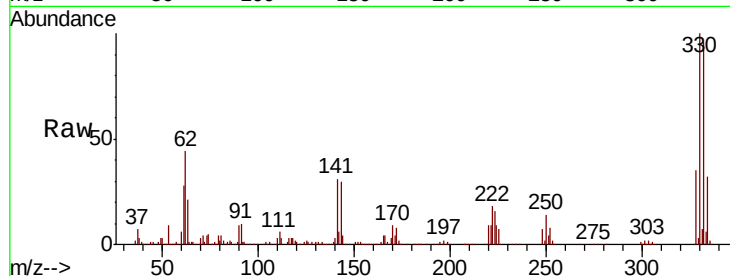




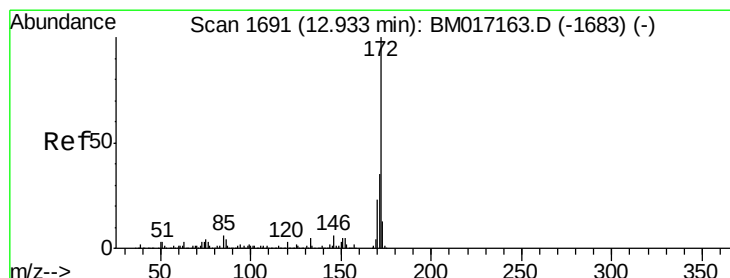
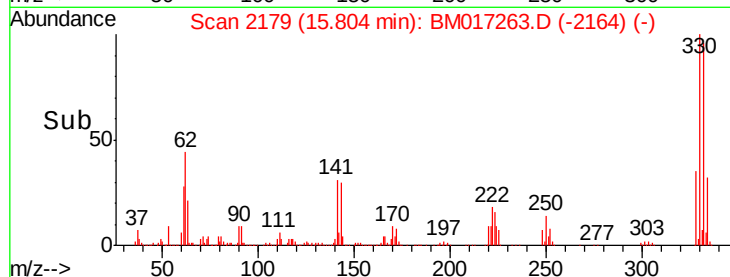
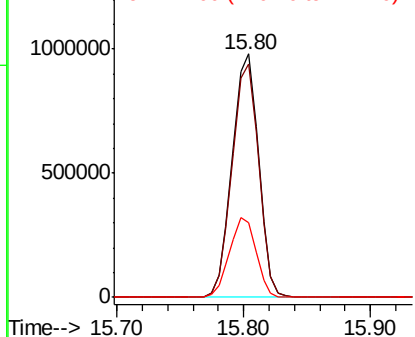
#42
 2,4,6-Tribromophenol
 Concen: 126.796 ng
 RT: 15.80 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BM017263.D
 Acq: 20 Oct 2018 13:50

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:330 Resp: 1413720
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.3 115.9
 141 33.2 27.4 41.0

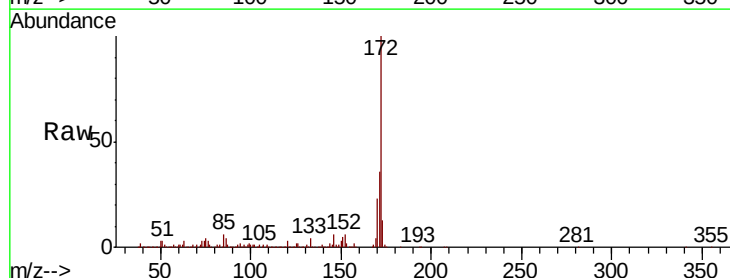


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

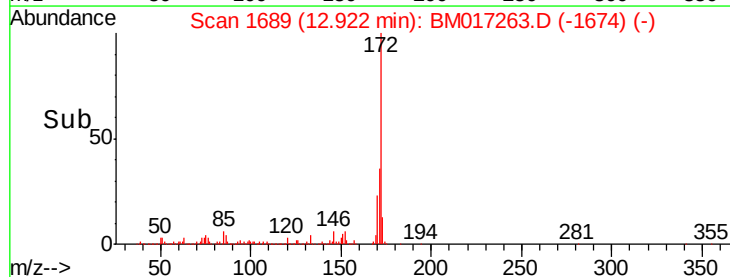
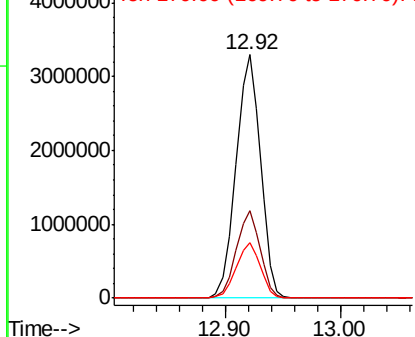


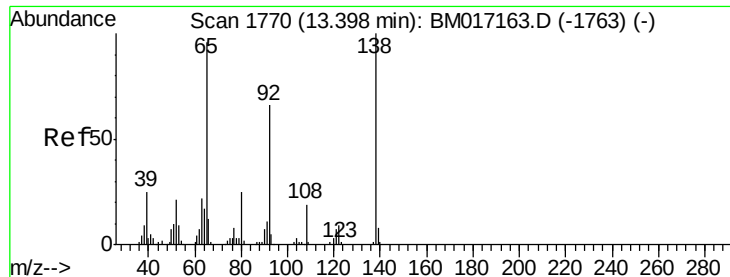
#45
 2-Fluorobiphenyl
 Concen: 77.836 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM017263.D
 Acq: 20 Oct 2018 13:50

Tgt Ion:172 Resp: 4823020
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.3 42.5
 170 22.9 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: 5.700 ng

RT: 13.37 min Scan# 1766

Delta R.T. -0.02 min

Lab File: BM017263.D

Acq: 20 Oct 2018 13:50

Instrument :

BNA_M

ClientSampleId :

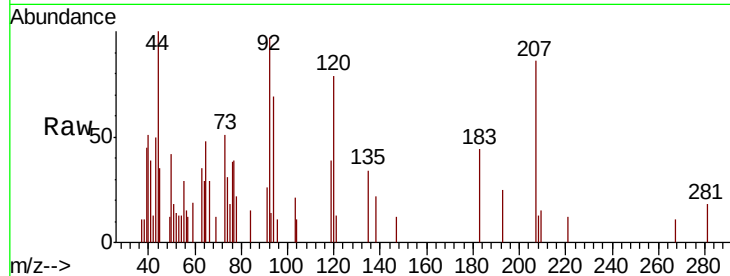
Tot Ion: 65 Resp: 217

Ion Ratio Lower Upper

65 100

92 202.0 54.9 82.3#

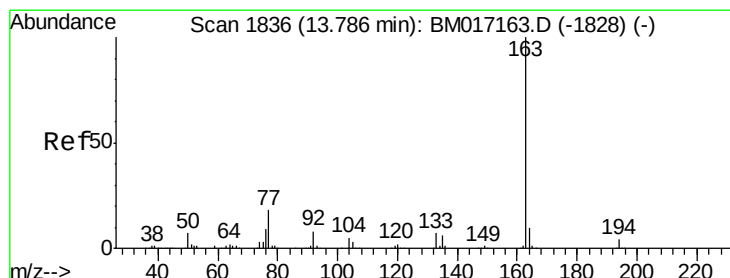
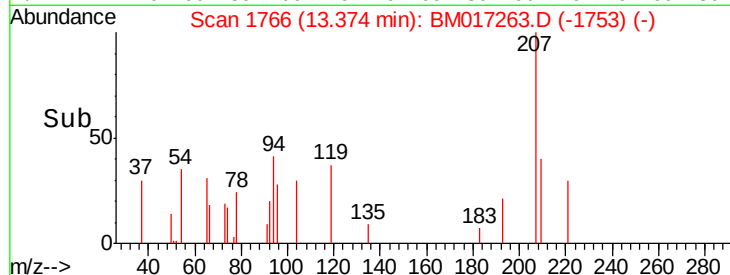
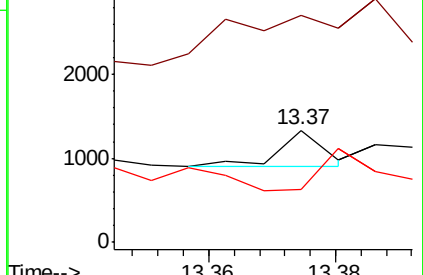
138 46.7 83.7 125.5#



Abundance Ion 65.00 (64.70 to 65.70): BM017163.D (-1763) (-)

Ion 92.00 (91.70 to 92.70): BM017163.D (-1763) (-)

Ion 138.00 (137.70 to 138.70): BM017163.D (-1763) (-)



#50

Dimethylphthalate

Concen: 2.119 ng

RT: 13.77 min Scan# 1833

Delta R.T. -0.02 min

Lab File: BM017263.D

Acq: 20 Oct 2018 13:50

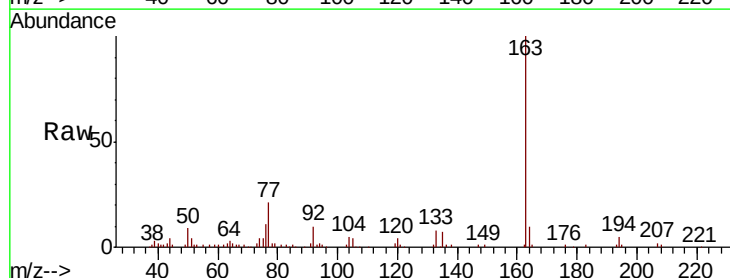
Tgt Ion: 163 Resp: 134774

Ion Ratio Lower Upper

163 100

194 4.8 3.3 4.9

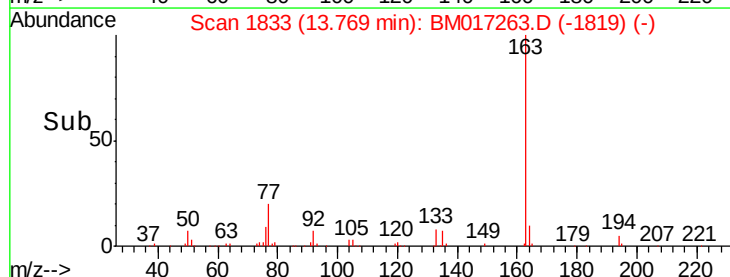
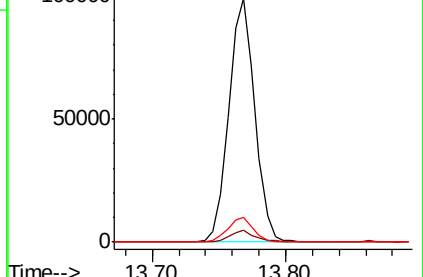
164 10.1 7.8 11.8

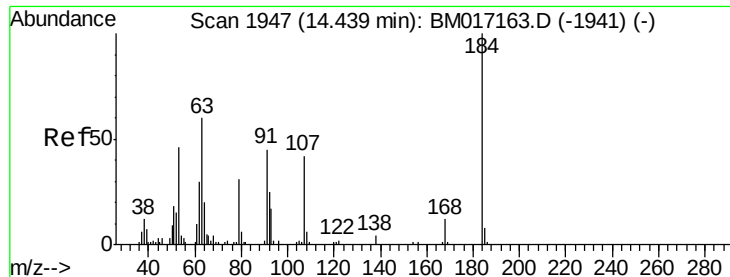


Abundance Ion 163.00 (162.70 to 163.70): BM017163.D (-1828) (-)

Ion 194.00 (193.70 to 194.70): BM017163.D (-1828) (-)

Ion 164.00 (163.70 to 164.70): BM017163.D (-1828) (-)

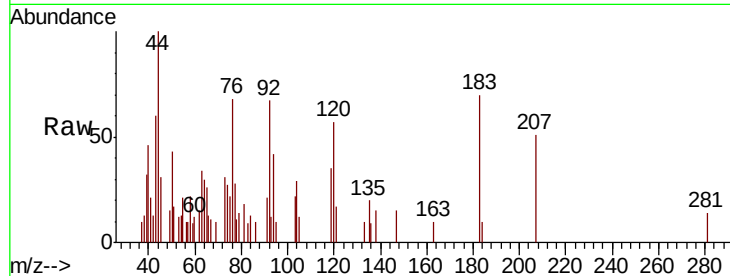




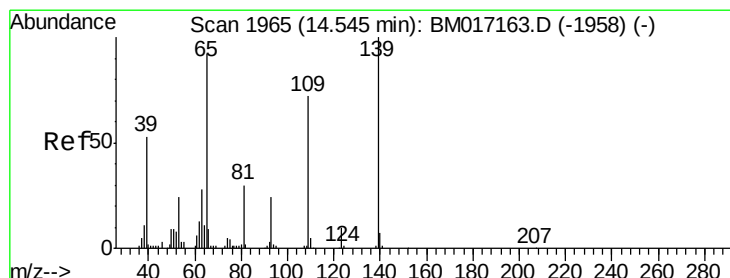
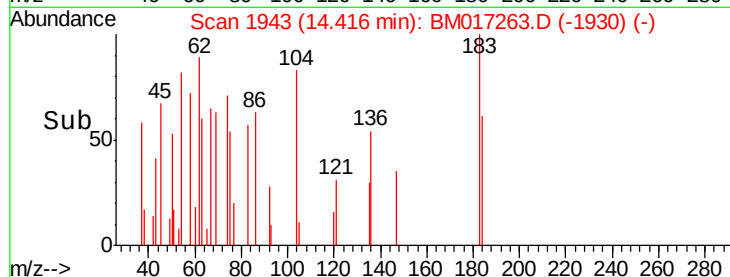
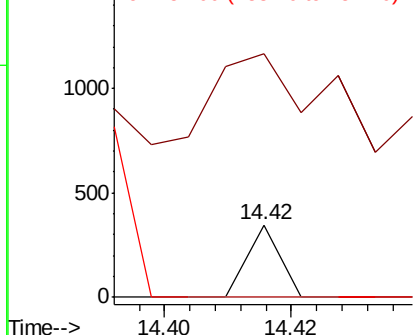
#54
 2,4-Dinitrophenol
 Concen: 8.240 ng
 RT: 14.42 min Scan# 1943
 Delta R.T. -0.02 min
 Lab File: BM017263.D
 Acq: 20 Oct 2018 13:50

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:184 Resp: 122
 Ion Ratio Lower Upper
 184 100
 63 338.0 51.2 76.8#
 154 0.0 47.8 71.8#

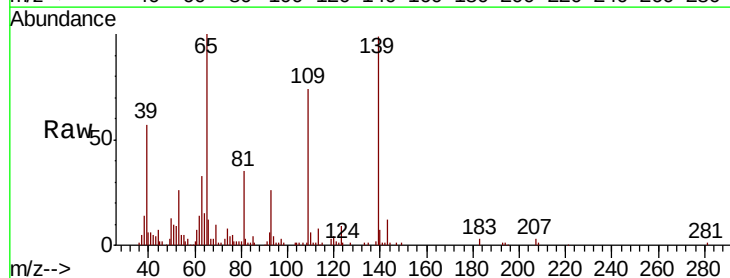


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BM017263.D (-1941) (-)
 Ion 154.00 (153.70 to 154.70): E

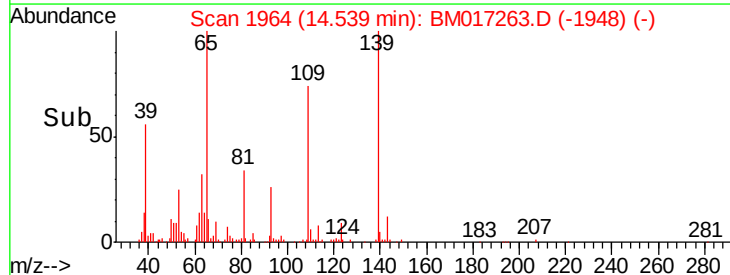
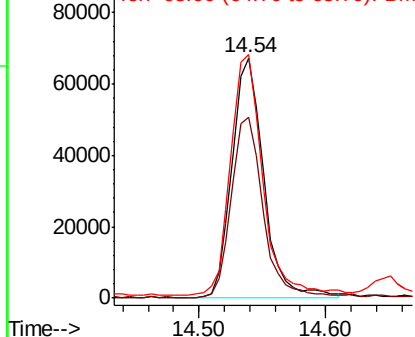


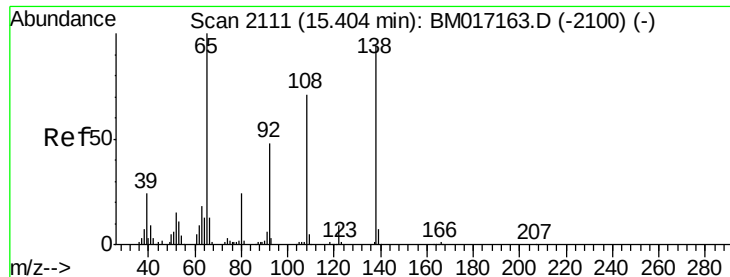
#56
 4-Nitrophenol
 Concen: 12.672 ng
 RT: 14.54 min Scan# 1964
 Delta R.T. -0.01 min
 Lab File: BM017263.D
 Acq: 20 Oct 2018 13:50

Tgt Ion:139 Resp: 116812
 Ion Ratio Lower Upper
 139 100
 109 75.3 51.8 91.8
 65 101.3 72.1 112.1



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): BM017263.D (-1958) (-)

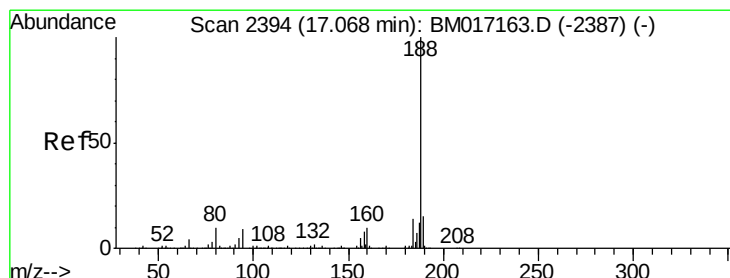
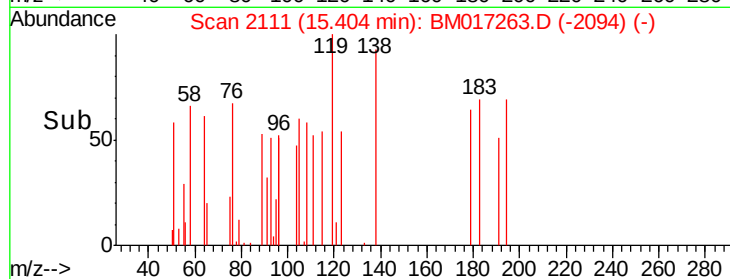
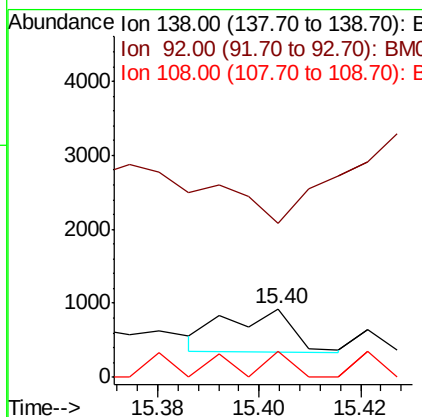
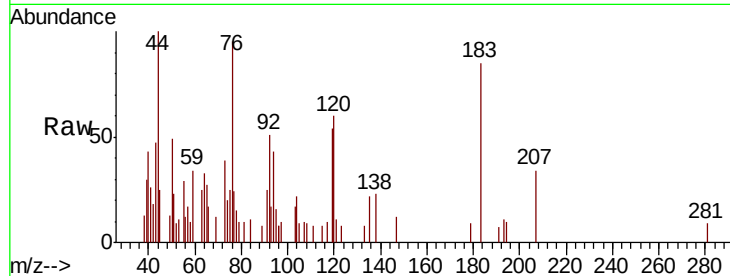




#62
4-Nitroaniline
Concen: 4.782 ng
RT: 15.40 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BM017263.D
Acq: 20 Oct 2018 13:50

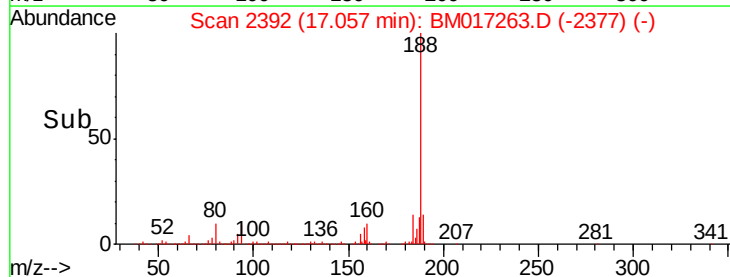
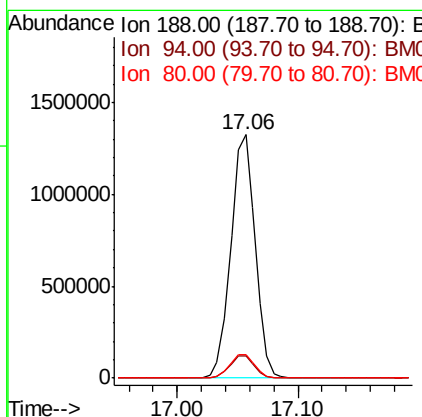
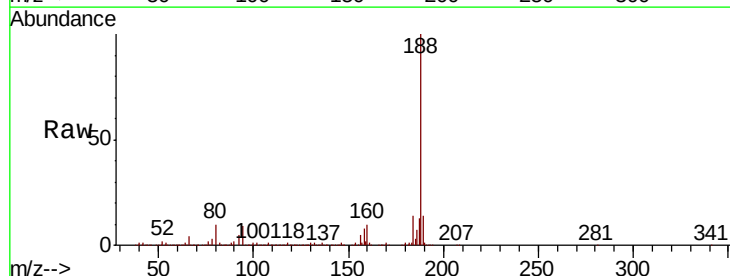
Instrument :
BNA_M
ClientSampled :

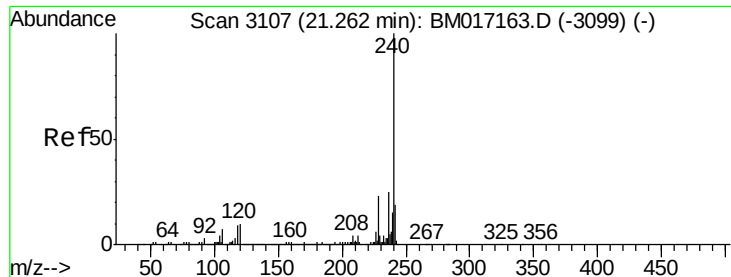
Tot Ion:138 Resp: 515
Ion Ratio Lower Upper
138 100
92 223.6 31.2 71.2#
108 37.4 55.5 95.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM017263.D
Acq: 20 Oct 2018 13:50

Tgt Ion:188 Resp: 1857725
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.4
80 9.7 7.7 11.5

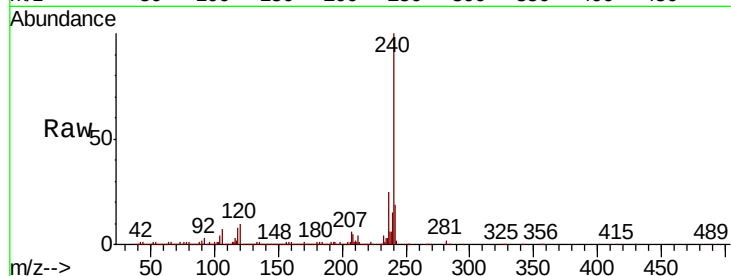




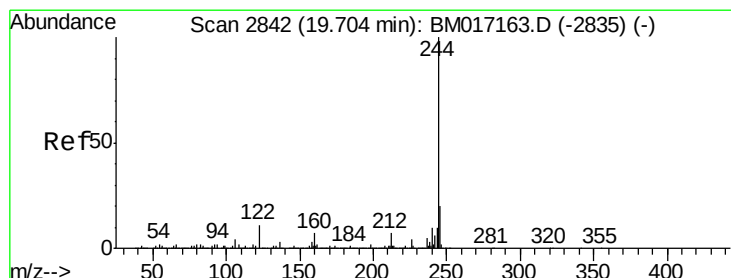
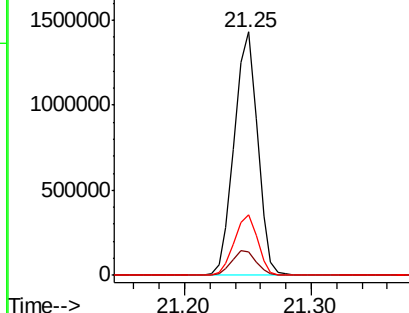
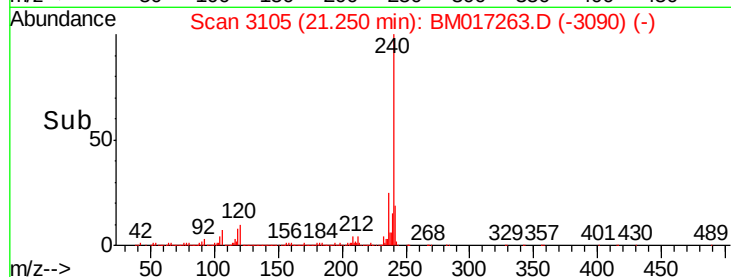
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM017263.D
Acq: 20 Oct 2018 13:50

Instrument :
BNA_M
ClientSampleId :

Tot Ion:240 Resp: 1822994
Ion Ratio Lower Upper
240 100
120 9.8 8.1 12.1
236 24.7 19.9 29.9

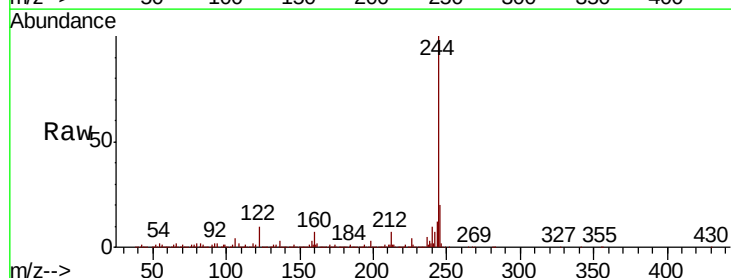


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

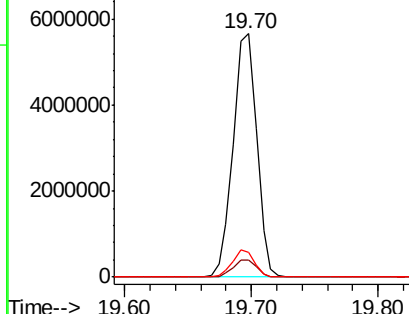
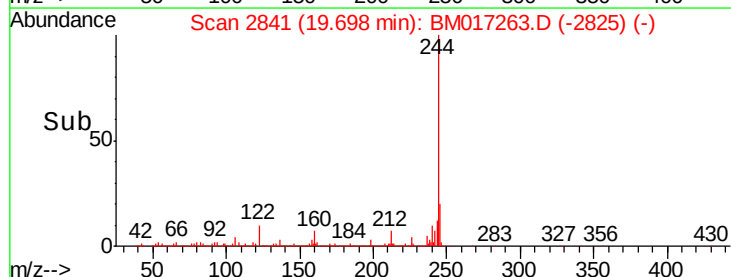


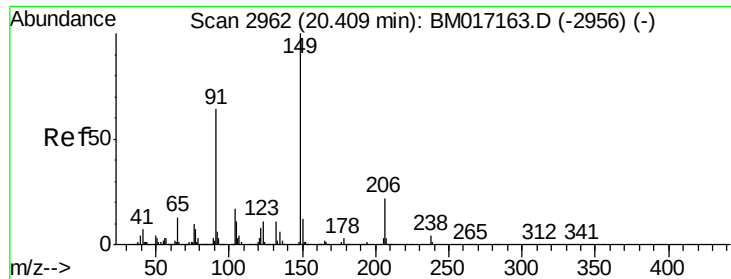
#79
Terphenyl-d14
Concen: 89.801 ng
RT: 19.70 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BM017263.D
Acq: 20 Oct 2018 13:50

Tgt Ion:244 Resp: 7262912
Ion Ratio Lower Upper
244 100
212 7.2 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

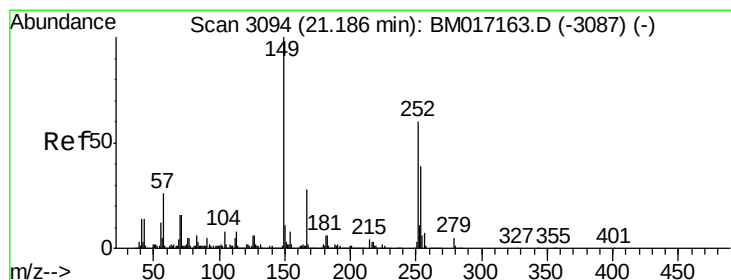
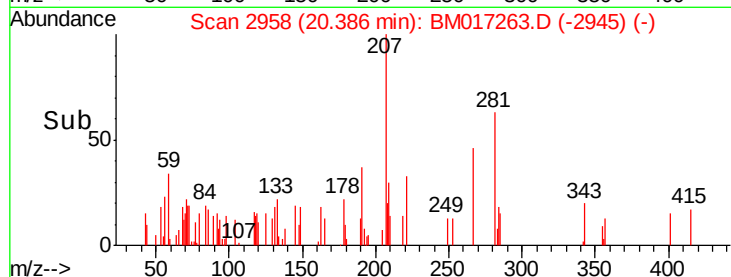
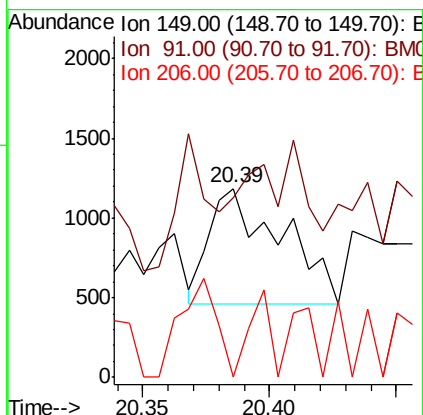
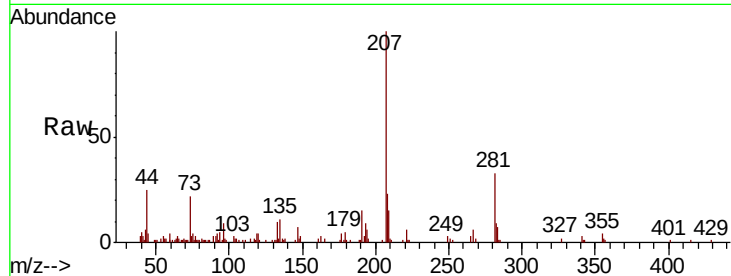




#80
 Butylbenzylphthalate
 Concen: 7.207 ng
 RT: 20.39 min Scan# 2958
 Delta R.T. -0.02 min
 Lab File: BM017263.D
 Acq: 20 Oct 2018 13:50

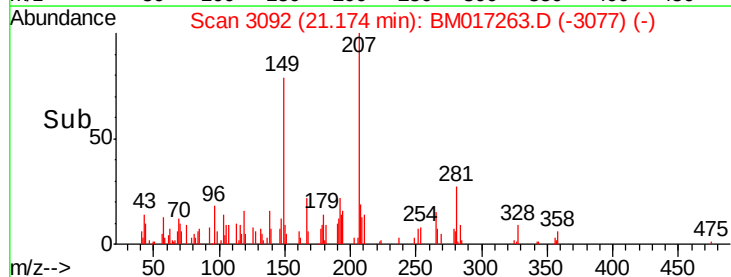
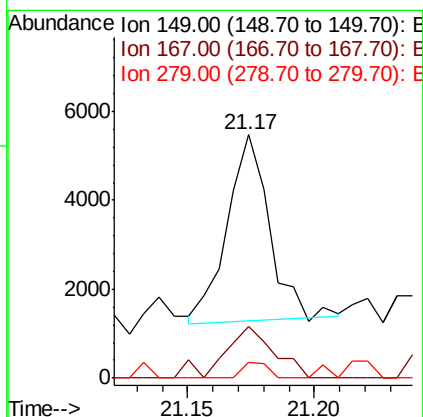
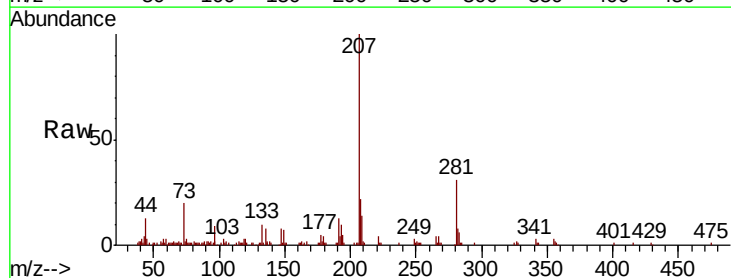
Instrument :
 BNA_M
 ClientSampled :

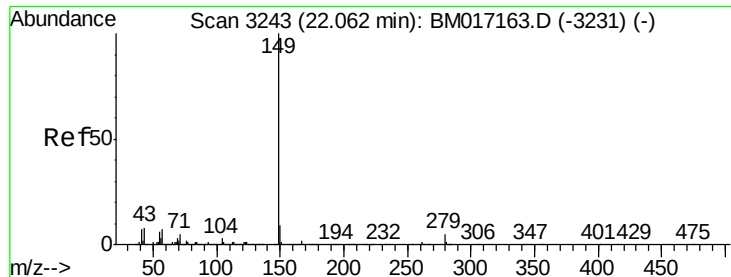
Tot Ion:149 Resp: 1429
 Ion Ratio Lower Upper
 149 100
 91 95.3 51.3 76.9#
 206 0.0 18.0 27.0#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.381 ng
 RT: 21.17 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BM017263.D
 Acq: 20 Oct 2018 13:50

Tgt Ion:149 Resp: 4872
 Ion Ratio Lower Upper
 149 100
 167 21.4 22.2 33.4#
 279 6.7 3.6 5.4#





#85

Di-n-octyl phthalate

Concen: 5.576 ng

RT: 22.03 min Scan# 3238

Delta R.T. -0.03 min

Lab File: BM017263.D

Acq: 20 Oct 2018 13:50

Instrument :

BNA_M

ClientSampleId :

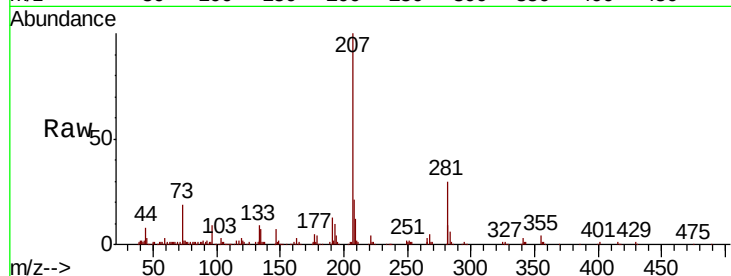
Tot Ion:149 Resp: 490

Ion Ratio Lower Upper

149 100

167 110.2 1.4 2.0#

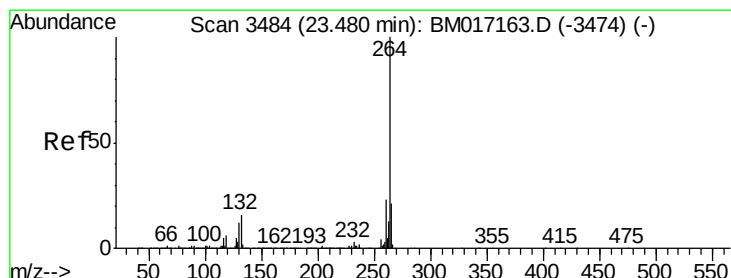
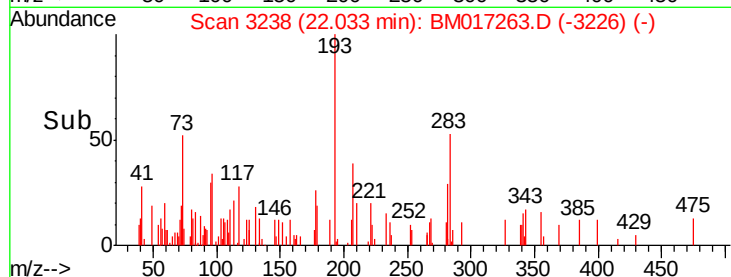
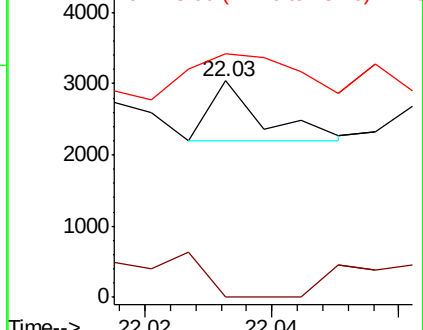
43 179.0 7.2 10.8#



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: BM017263.D

Acq: 20 Oct 2018 13:50

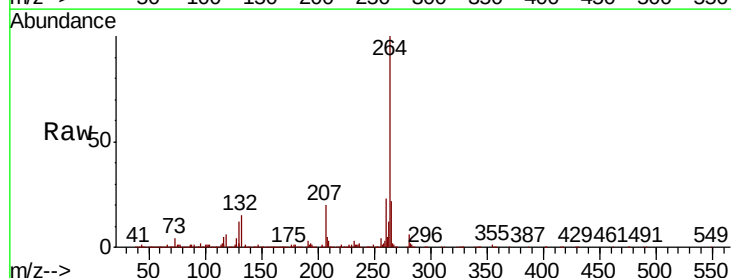
Tgt Ion:264 Resp: 1605067

Ion Ratio Lower Upper

264 100

260 23.2 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

