

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
 Data File : BM017262.D
 Acq On : 20 Oct 2018 13:14
 Operator : MJ/SJ
 Sample : J5538-16
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 22 02:49:28 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	278075	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	1172610	20.00	ng	-0.01
39) Acenaphthene-d10	14.30	164	707547	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1684771	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1881060	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1670484	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.28	112	1850092	112.53	ng	0.00
7) Phenol-d6	6.85	99	2300486	102.74	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1690414	84.31	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1221269	127.63	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	3877661	72.92	ng	-0.01
79) Terphenyl-d14	19.70	244	6764569	81.06	ng	0.00

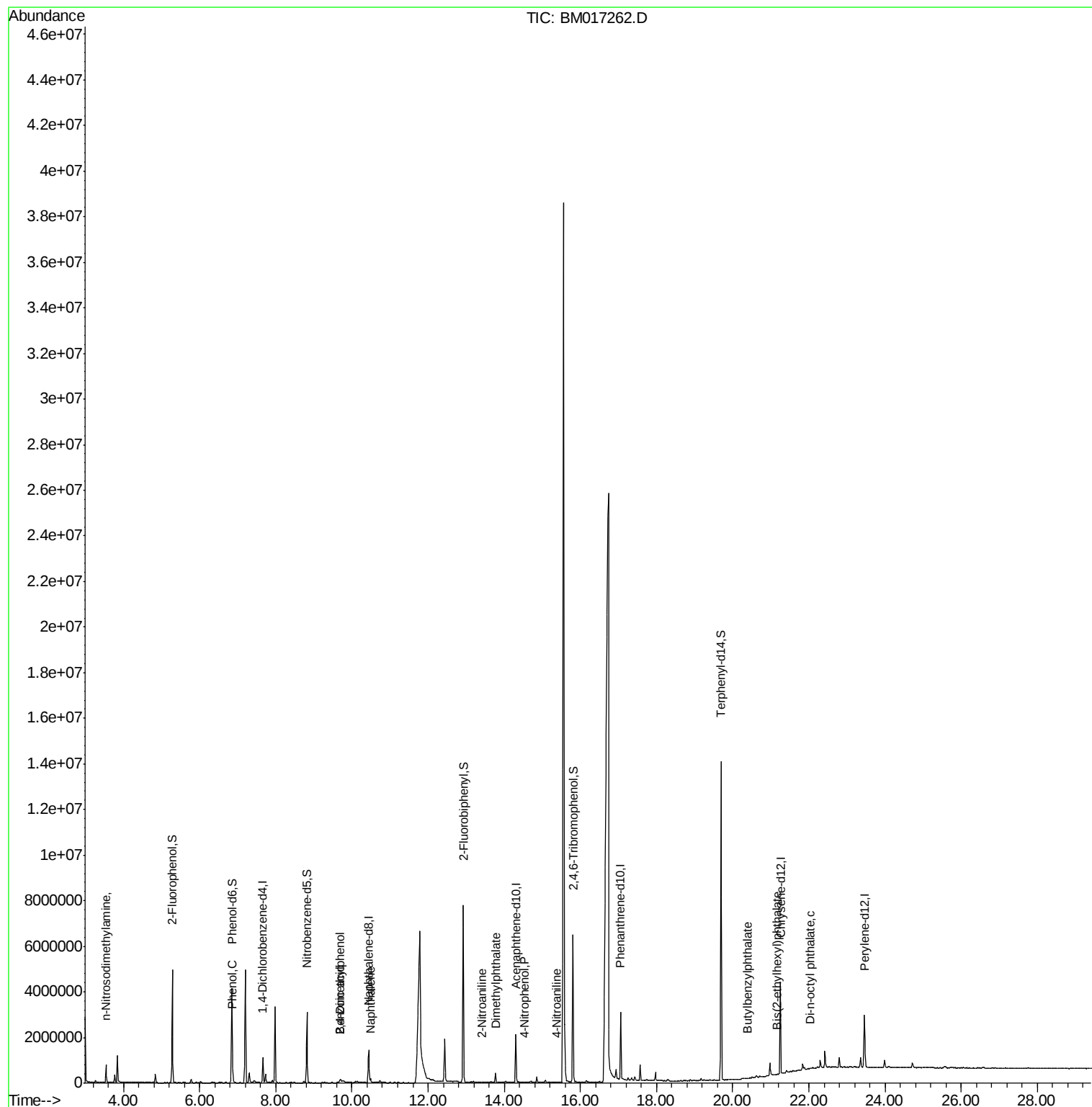
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) n-Nitrosodimethylamine	3.54	42	25721	3.317	ng	# 1
10) Phenol	6.87	94	146543	6.081	ng	92
27) 2,4-Dimethylphenol	9.70	122	34527	2.358	ng	# 3
31) Naphthalene	10.49	128	119650	2.082	ng	97
32) Benzoic acid	9.70	122	47779	4.374	ng	91
48) 2-Nitroaniline	13.40	65	649	5.731	ng	# 1
50) Dimethylphthalate	13.77	163	242036	4.434	ng	99
56) 4-Nitrophenol	14.53	139	1687	4.851	ng	# 55
62) 4-Nitroaniline	15.38	138	252	4.770	ng	# 1
80) Butylbenzylphthalate	20.39	149	525	7.187	ng	# 36
84) Bis(2-ethylhexyl)phthalate	21.17	149	9494	5.446	ng	# 91
85) Di-n-octyl phthalate	22.04	149	1627	5.585	ng	# 73

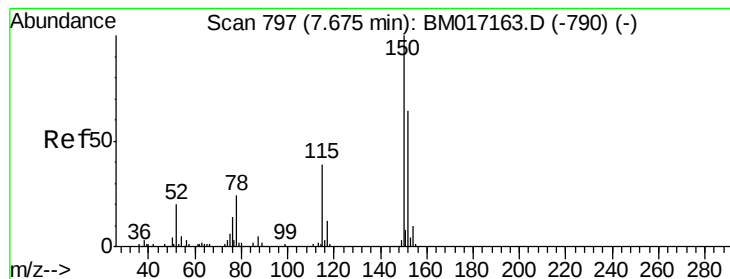
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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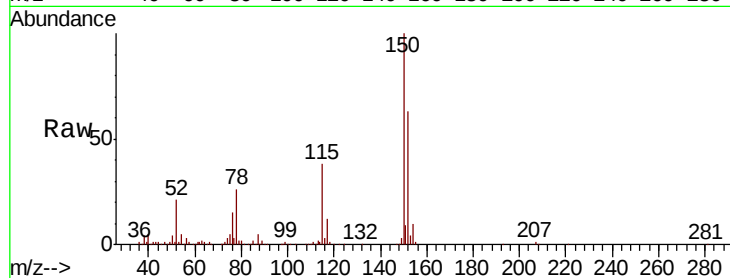


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM017262.D
Acq: 20 Oct 2018 13:14

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.3	186.5
115	60.5	48.1	72.1

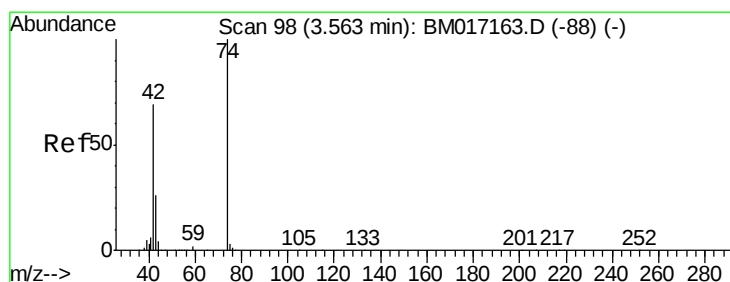
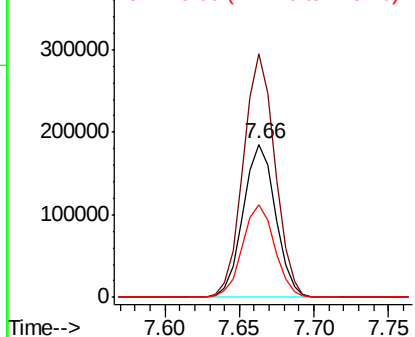
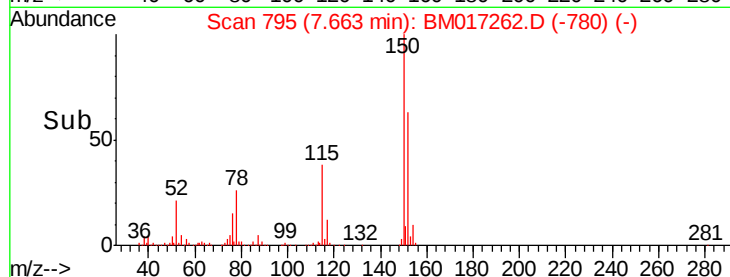


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

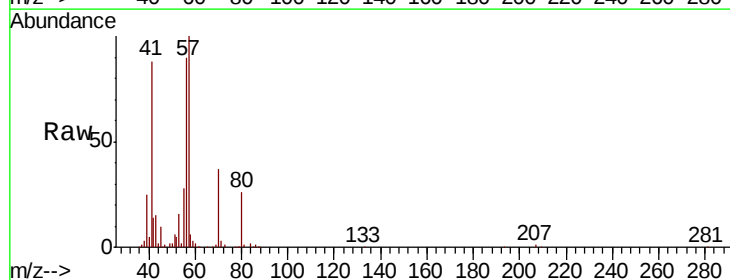
Ion 115.00 (114.70 to 115.70): E



#4

n-Nitrosodimethylamine
Concen: 3.317 ng
RT: 3.54 min Scan# 94
Delta R.T. -0.02 min
Lab File: BM017262.D
Acq: 20 Oct 2018 13:14

Tgt Ion	Ratio	Lower	Upper
42	100		
74	0.0	114.4	171.6#
44	12.8	48.6	73.0#

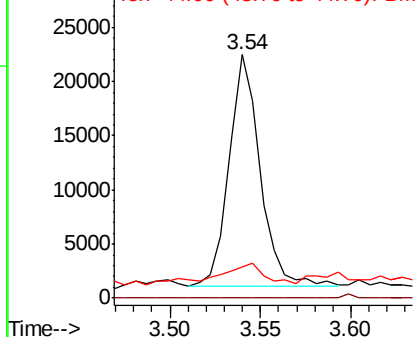
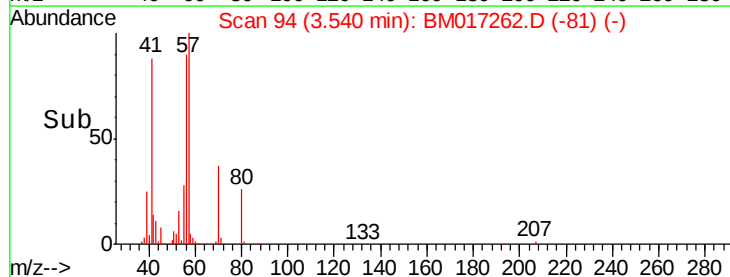


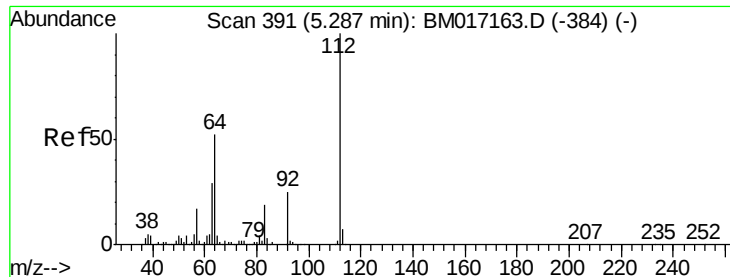
Abundance

Ion 42.00 (41.70 to 42.70): BM0

Ion 74.00 (73.70 to 74.70): BM0

Ion 44.00 (43.70 to 44.70): BM0





#5

2-Fluorophenol

Concen: 112.528 ng

RT: 5.28 min Scan# 390

Delta R.T. -0.01 min

Lab File: BM017262.D

Acq: 20 Oct 2018 13:14

Instrument :

BNA_M

ClientSampleId :

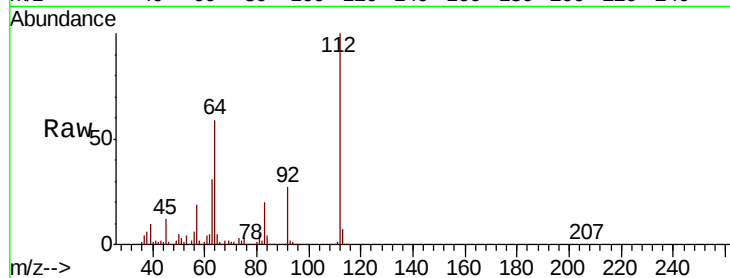
Tot Ion:112 Resp: 1850092

Ion Ratio Lower Upper

112 100

64 59.0 41.7 62.5

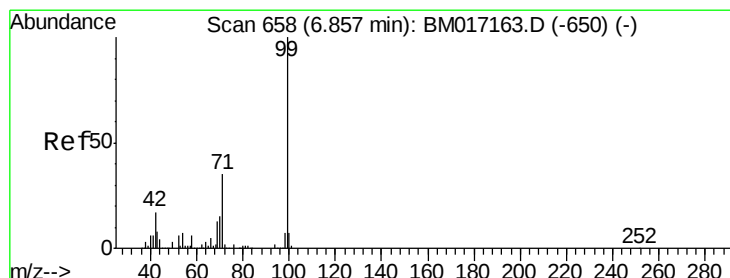
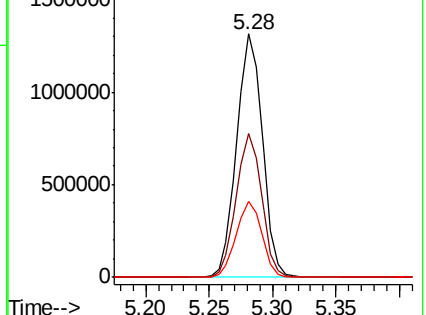
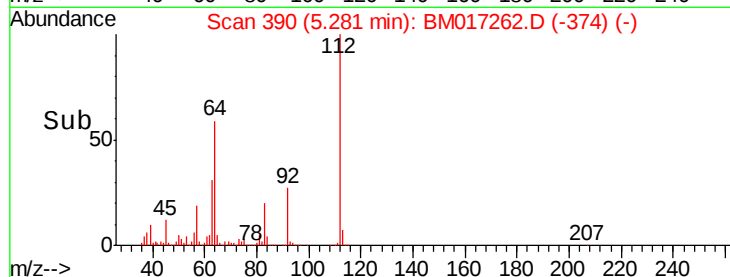
63 31.3 23.0 34.4



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: 102.737 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM017262.D

Acq: 20 Oct 2018 13:14

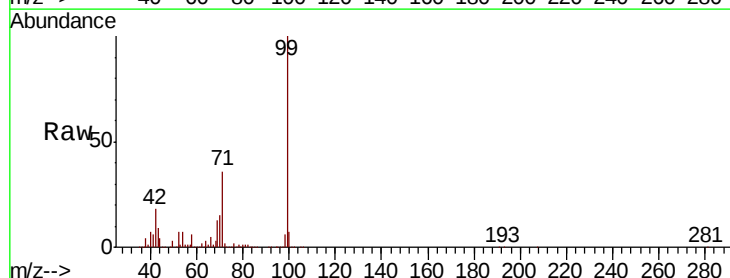
Tgt Ion: 99 Resp: 2300486

Ion Ratio Lower Upper

99 100

42 18.1 13.3 19.9

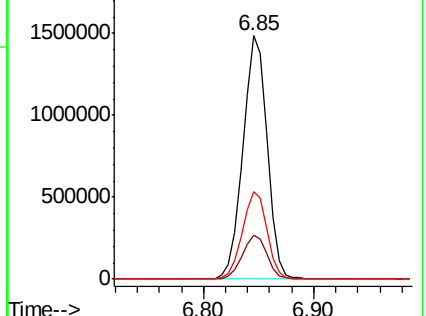
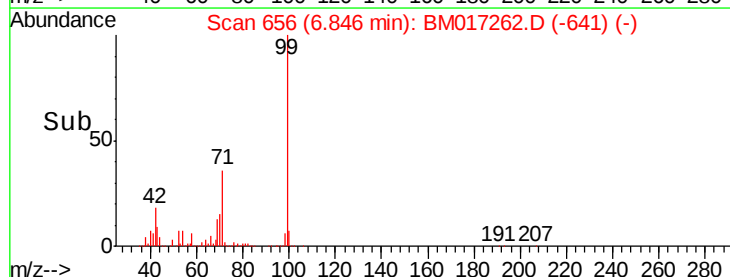
71 36.1 28.0 42.0

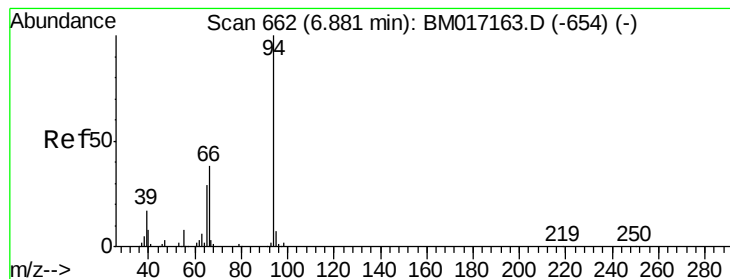


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#10

Phenol

Concen: 6.081 ng

RT: 6.87 min Scan# 660

Delta R.T. -0.01 min

Lab File: BM017262.D

Acq: 20 Oct 2018 13:14

Instrument :

BNA_M

ClientSampleId :

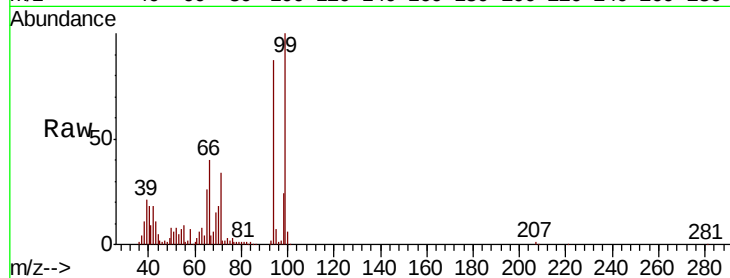
Tot Ion: 94 Resp: 146543

Ion Ratio Lower Upper

94 100

65 30.6 9.4 49.4

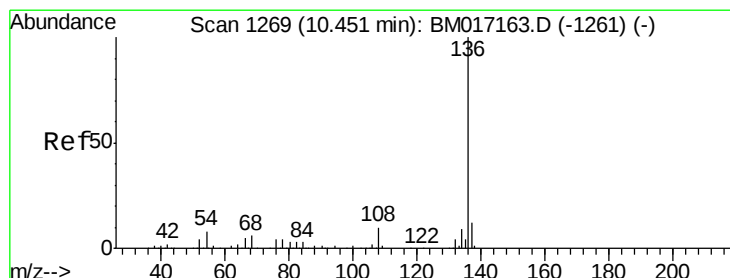
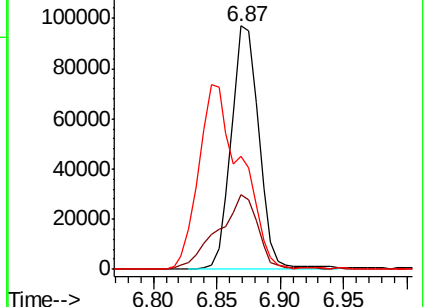
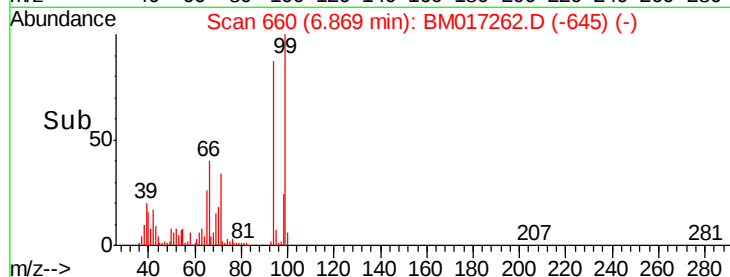
66 46.5 19.0 59.0



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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.44 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BM017262.D

Acq: 20 Oct 2018 13:14

Tgt Ion: 136 Resp: 1172610

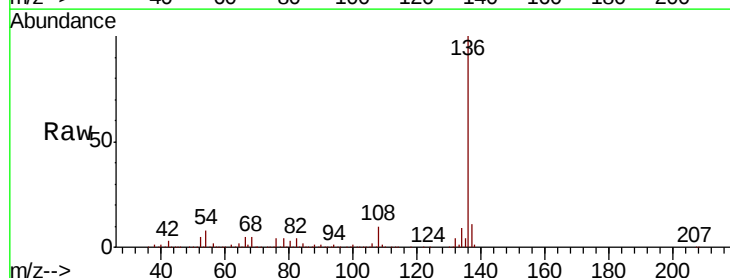
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 8.0 6.7 10.1

68 5.4 4.7 7.1

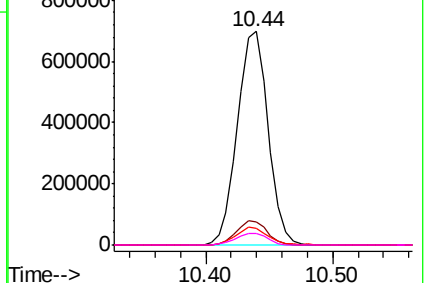
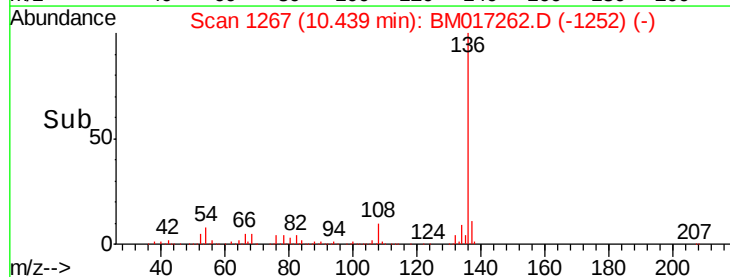


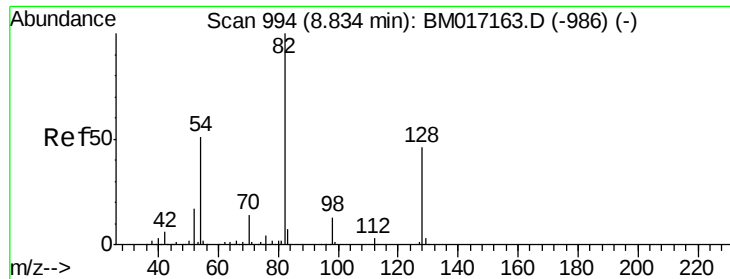
Abundance Ion 136.00 (135.70 to 136.70): BM017163.D (-1261) (-)

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) (-)

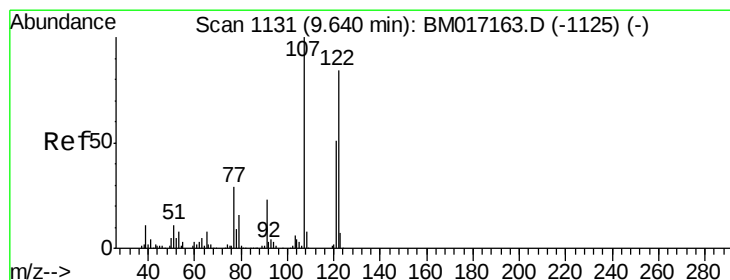
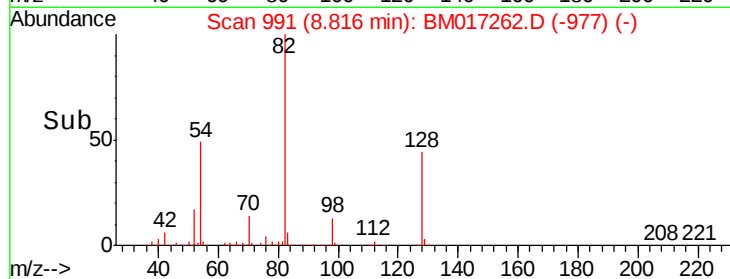
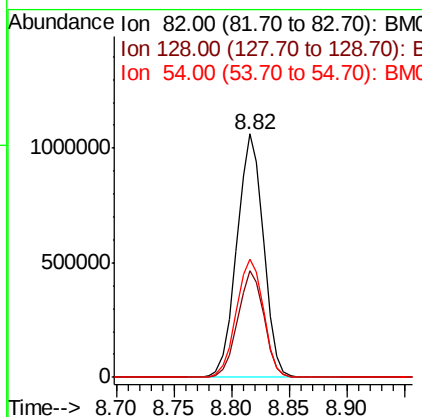
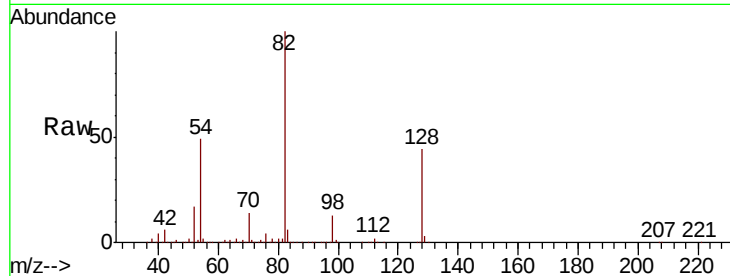




#23
 Nitrobenzene-d5
 Concen: 84.312 ng
 RT: 8.82 min Scan# 991
 Delta R.T. -0.02 min
 Lab File: BM017262.D
 Acq: 20 Oct 2018 13:14

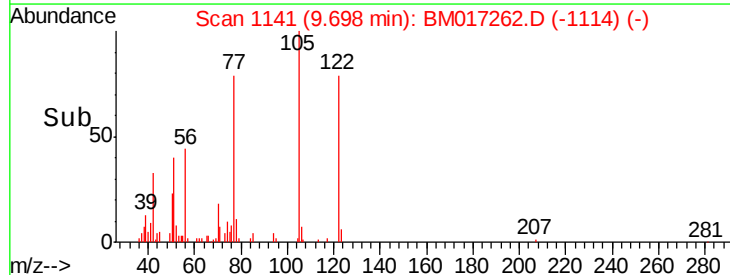
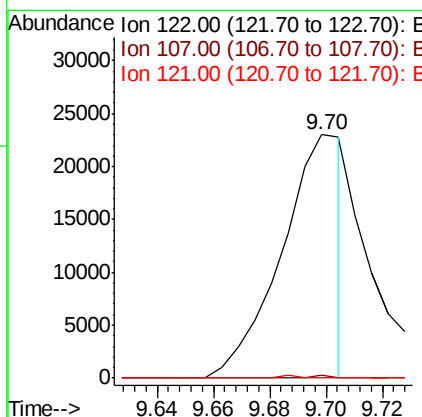
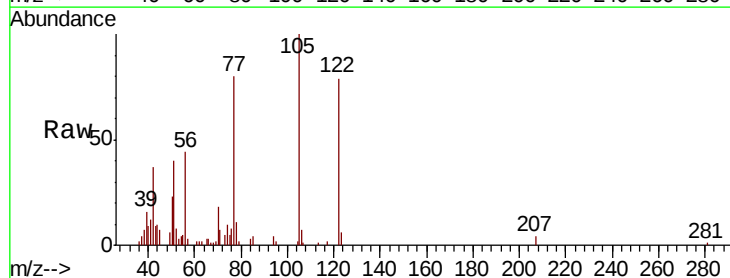
Instrument :
 BNA_M
 ClientSampled :

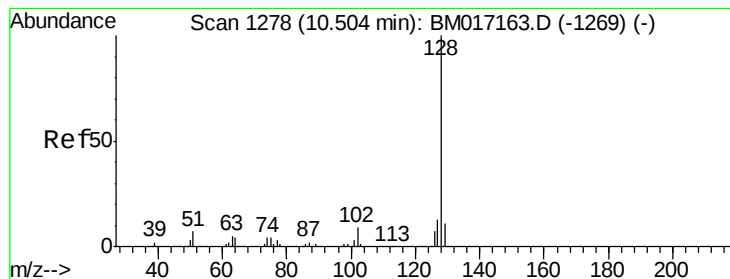
Tot Ion: 82 Resp: 1690414
 Ion Ratio Lower Upper
 82 100
 128 43.6 37.0 55.6
 54 48.8 40.7 61.1



#27
 2,4-Dimethylphenol
 Concen: 2.358 ng
 RT: 9.70 min Scan# 1141
 Delta R.T. 0.06 min
 Lab File: BM017262.D
 Acq: 20 Oct 2018 13:14

Tgt Ion: 122 Resp: 34527
 Ion Ratio Lower Upper
 122 100
 107 1.3 95.0 142.6#
 121 0.0 48.2 72.4#

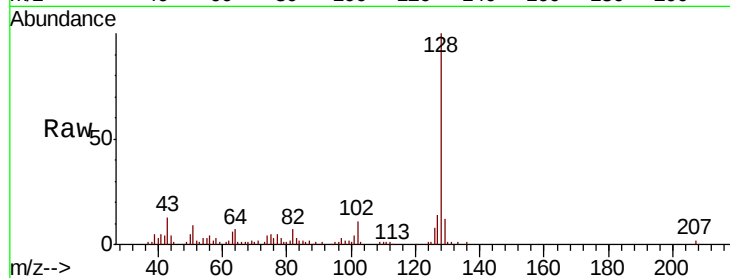




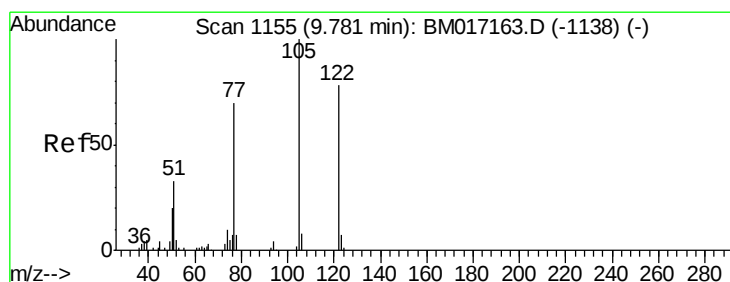
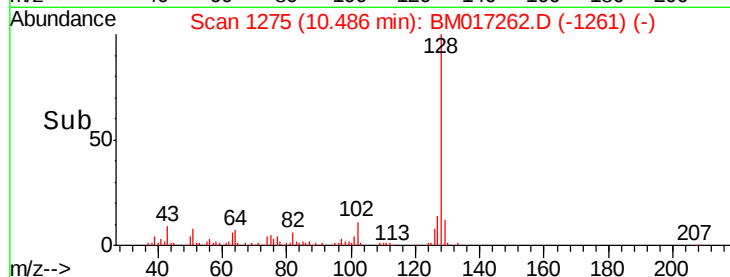
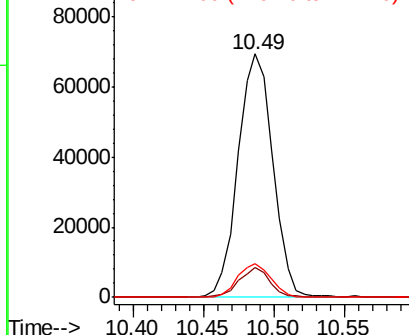
#31
Naphthalene
Concen: 2.082 ng
RT: 10.49 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BM017262.D
Acq: 20 Oct 2018 13:14

Instrument :
BNA_M
ClientSampleId :

Tot Ion:128 Resp: 119650
Ion Ratio Lower Upper
128 100
129 12.0 8.5 12.7
127 13.8 10.3 15.5

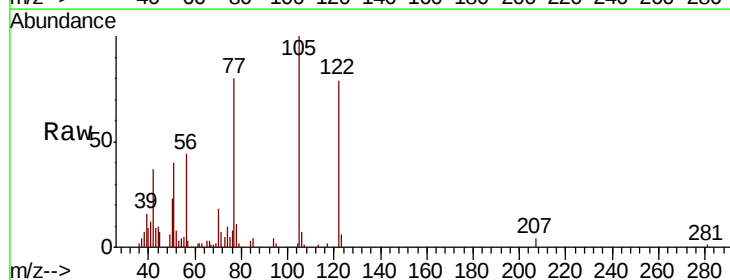


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

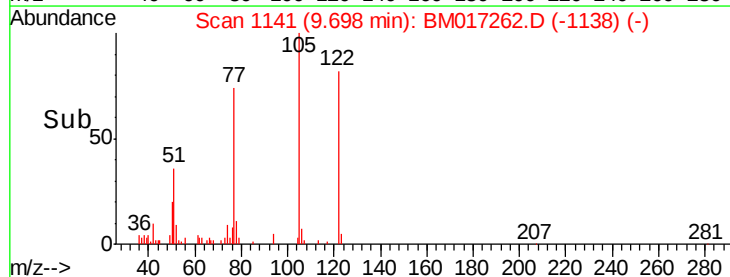
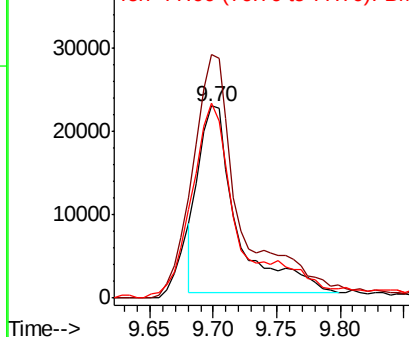


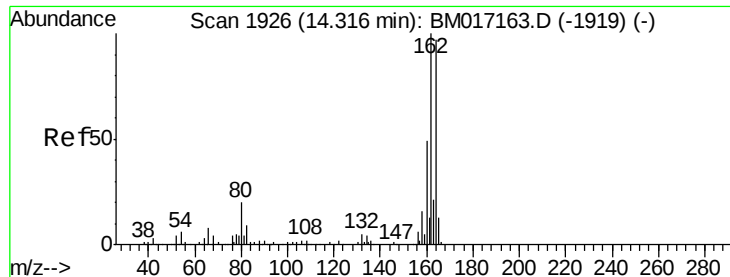
#32
Benzoic acid
Concen: 4.374 ng
RT: 9.70 min Scan# 1141
Delta R.T. -0.08 min
Lab File: BM017262.D
Acq: 20 Oct 2018 13:14

Tgt Ion:122 Resp: 47779
Ion Ratio Lower Upper
122 100
105 126.9 102.0 142.0
77 101.5 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

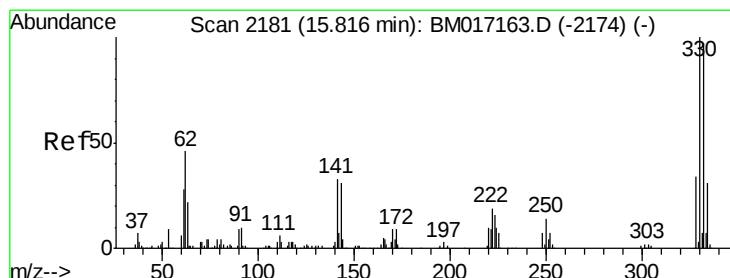
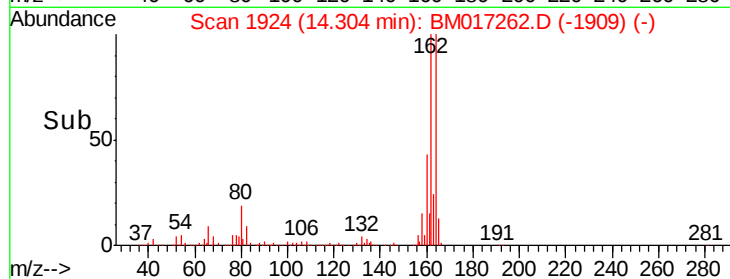
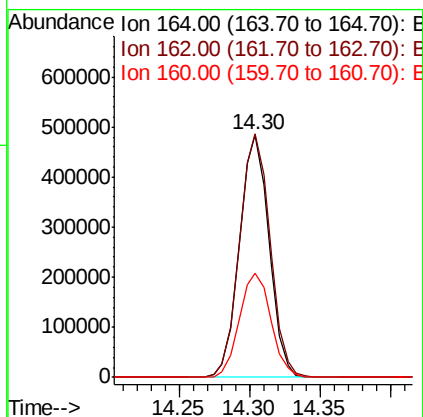
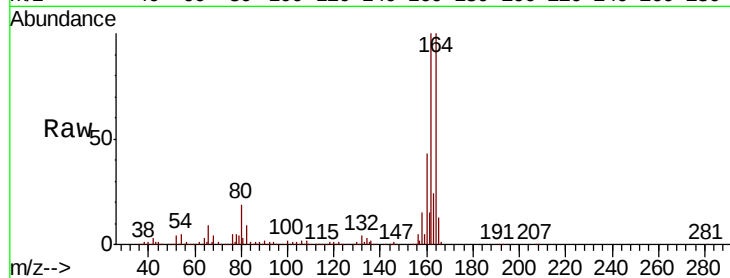




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM017262.D
Acq: 20 Oct 2018 13:14

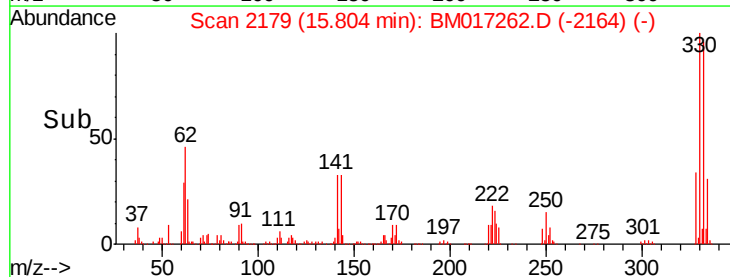
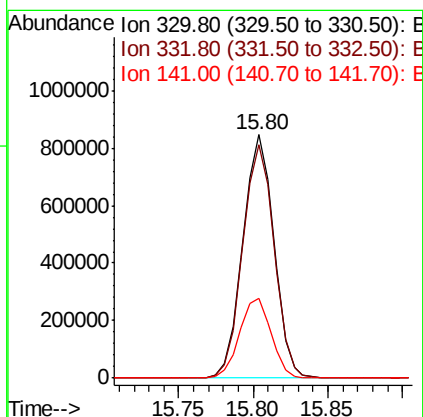
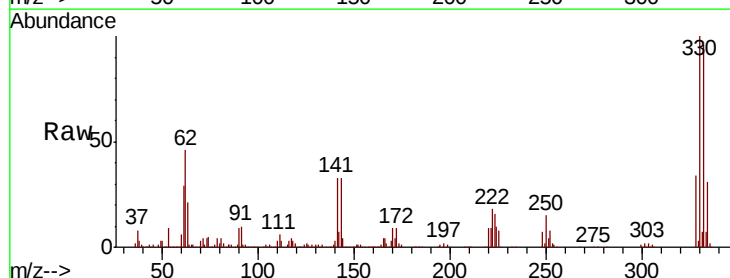
Instrument :
BNA_M
ClientSampleId :

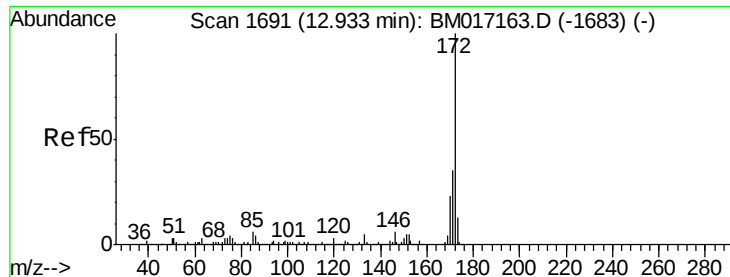
Tot Ion:164 Resp: 707547
Ion Ratio Lower Upper
164 100
162 100.2 82.1 123.1
160 43.1 40.2 60.2



#42
2,4,6-Tribromophenol
Concen: 127.634 ng
RT: 15.80 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BM017262.D
Acq: 20 Oct 2018 13:14

Tgt Ion:330 Resp: 1221269
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 33.4 27.4 41.0

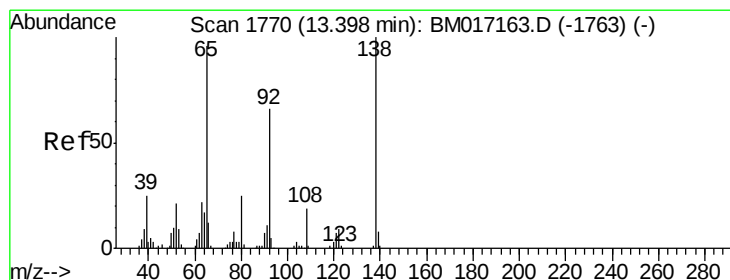
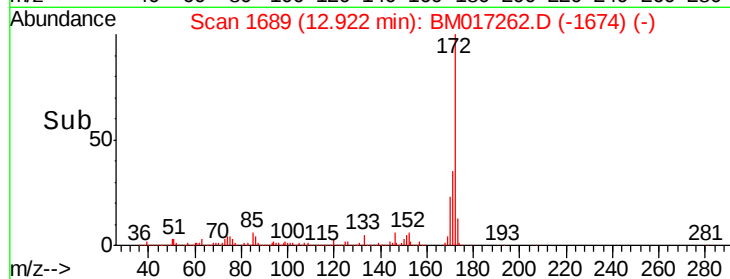
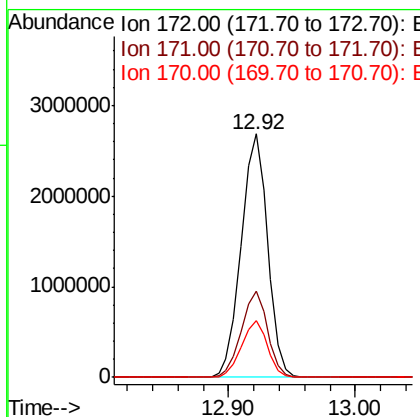
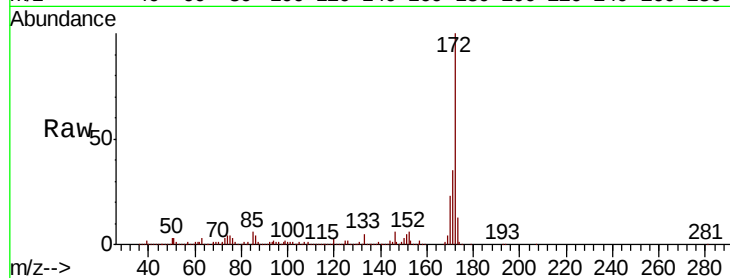




#45
 2-Fluorobiphenyl
 Concen: 72.919 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM017262.D
 Acq: 20 Oct 2018 13:14

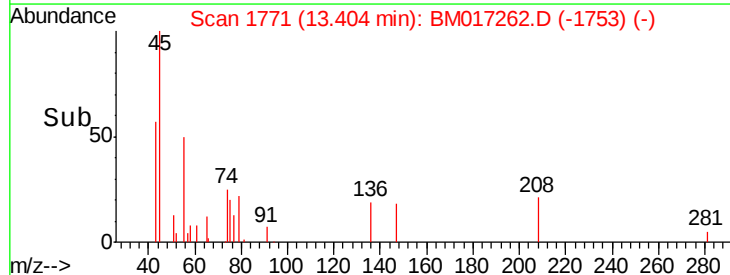
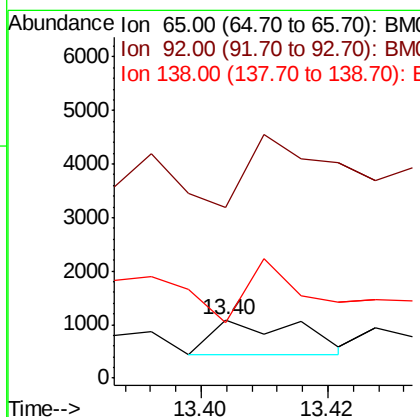
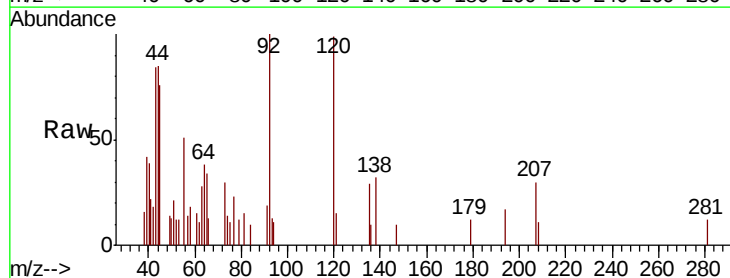
Instrument :
 BNA_M
 ClientSampleId :

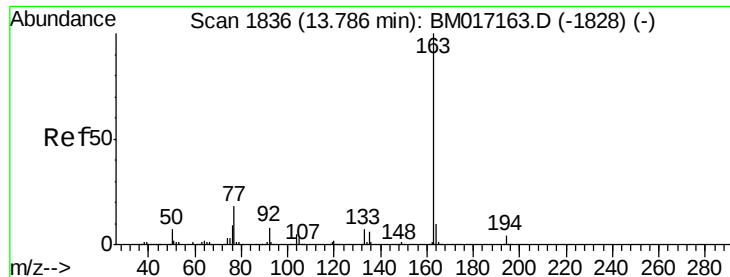
Tot Ion:172 Resp: 3877661
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.3 42.5
 170 23.1 18.3 27.5



#48
 2-Nitroaniline
 Concen: 5.731 ng
 RT: 13.40 min Scan# 1771
 Delta R.T. 0.01 min
 Lab File: BM017262.D
 Acq: 20 Oct 2018 13:14

Tgt Ion: 65 Resp: 649
 Ion Ratio Lower Upper
 65 100
 92 292.8 54.9 82.3#
 138 95.1 83.7 125.5

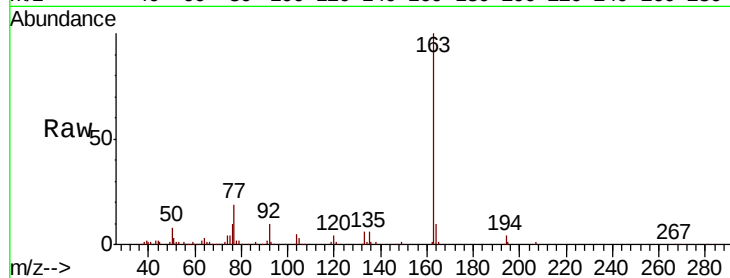




#50
Dimethylphthalate
Concen: 4.434 ng
RT: 13.77 min Scan# 1833
Delta R.T. -0.02 min
Lab File: BM017262.D
Acq: 20 Oct 2018 13:14

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	10.0	7.8	11.8

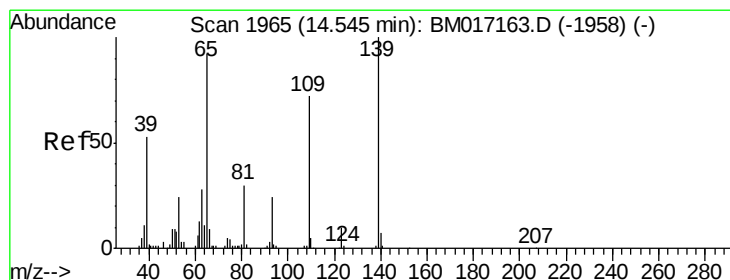
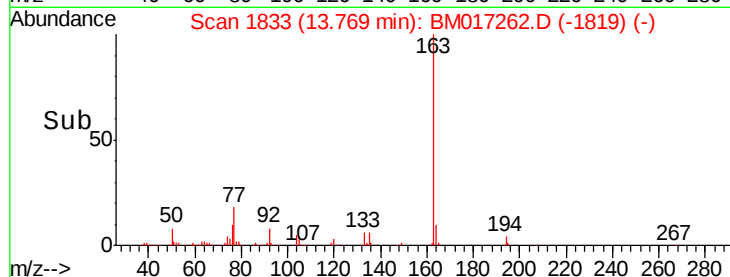
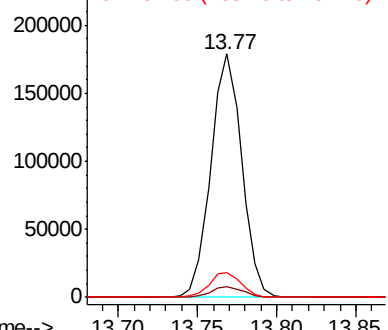


Abundance

Ion 163.00 (162.70 to 163.70): E

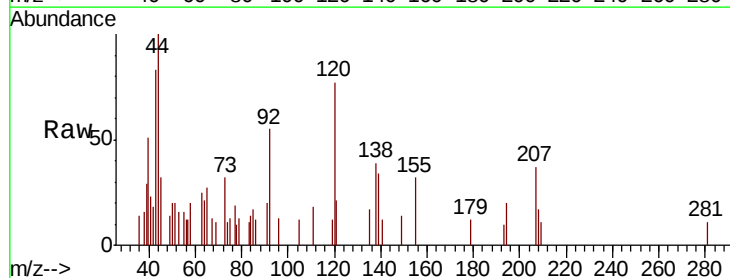
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56
4-Nitrophenol
Concen: 4.851 ng
RT: 14.53 min Scan# 1962
Delta R.T. -0.02 min
Lab File: BM017262.D
Acq: 20 Oct 2018 13:14

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	51.8	91.8#
65	80.3	72.1	112.1

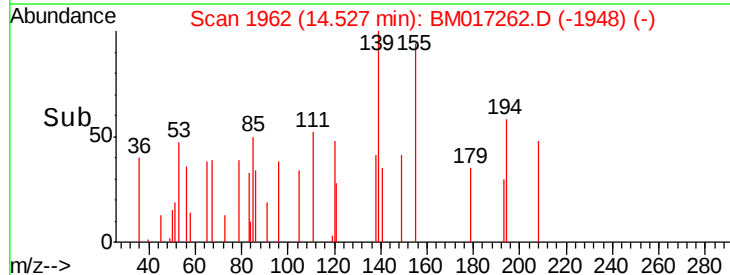
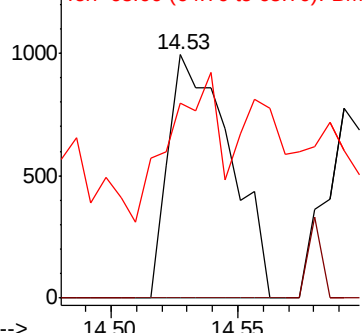


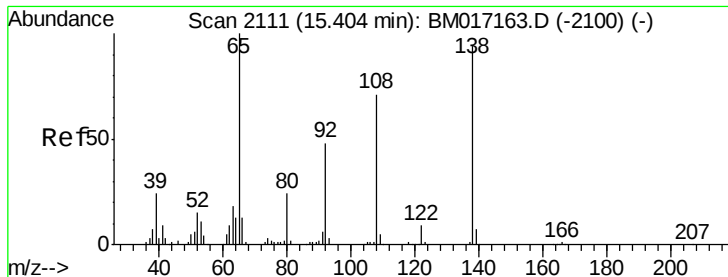
Abundance

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): BM





#62

4-Nitroaniline

Concen: 4.770 ng

RT: 15.38 min Scan# 2107

Delta R.T. -0.02 min

Lab File: BM017262.D

Acq: 20 Oct 2018 13:14

Instrument :

BNA_M

ClientSampled :

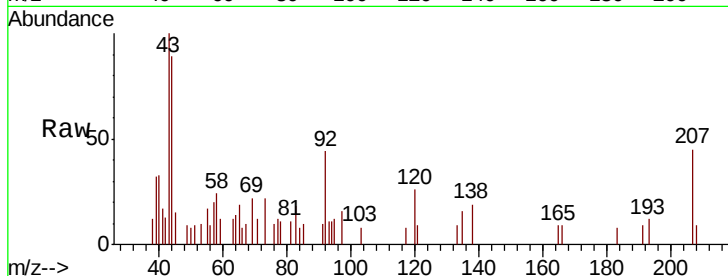
Tot Ion:138 Resp: 252

Ion Ratio Lower Upper

138 100

92 236.0 31.2 71.2#

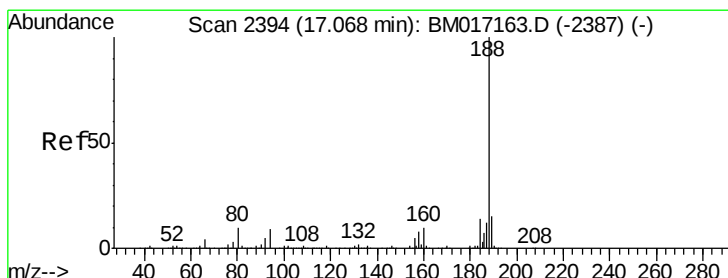
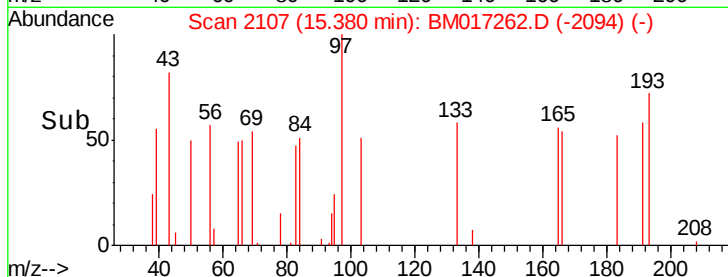
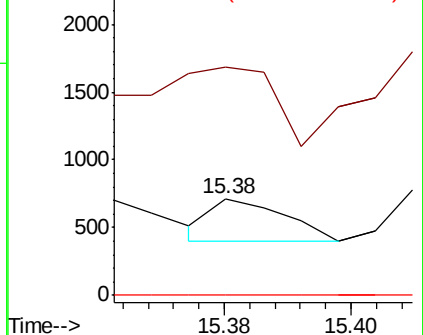
108 0.0 55.5 95.5#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BM017262.D

Acq: 20 Oct 2018 13:14

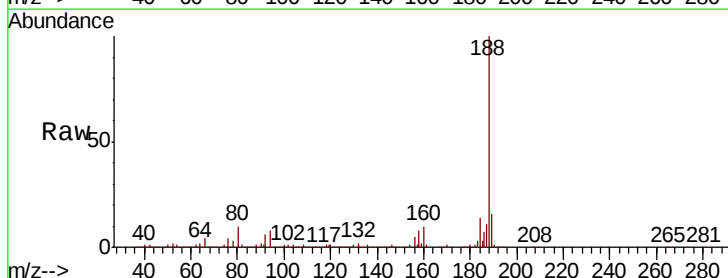
Tgt Ion:188 Resp: 1684771

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.4

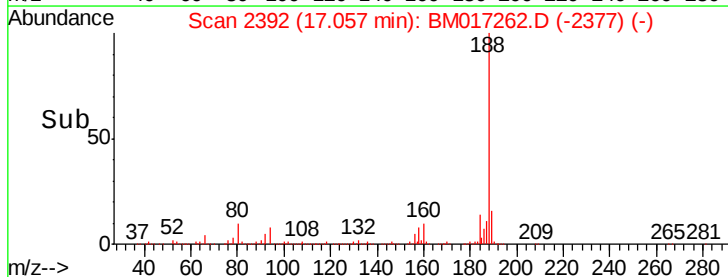
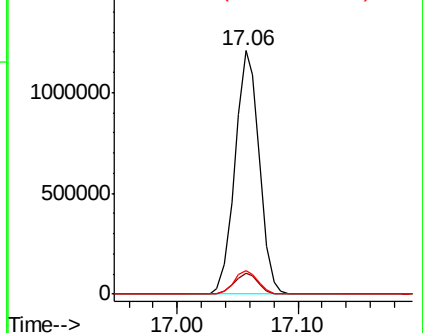
80 9.9 7.7 11.5

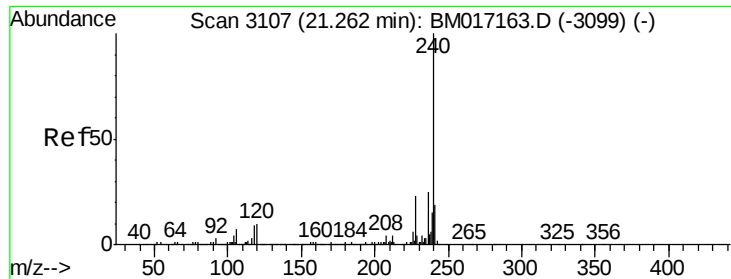


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM017262.D

Acq: 20 Oct 2018 13:14

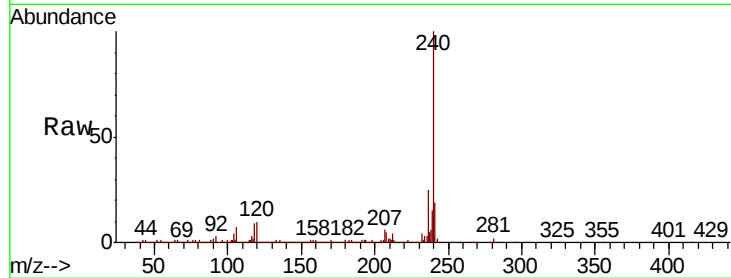
Instrument :

BNA_M

ClientSampleId :

Tot Ion:240 Resp: 1881060

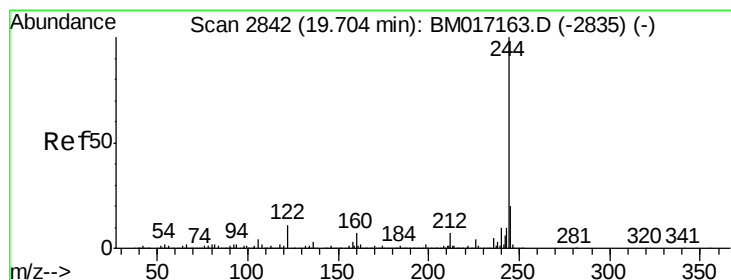
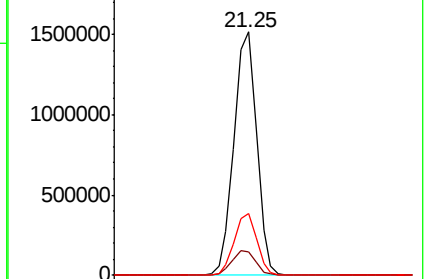
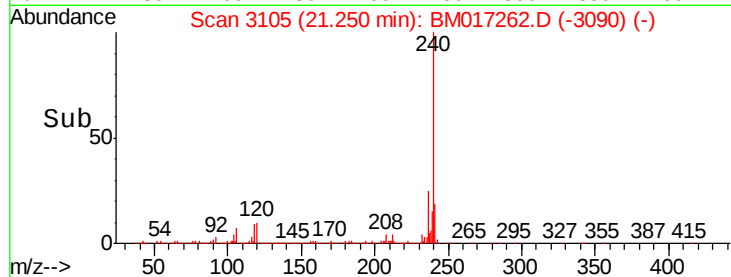
Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.1	12.1
236	25.3	19.9	29.9



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: 81.057 ng

RT: 19.70 min Scan# 2841

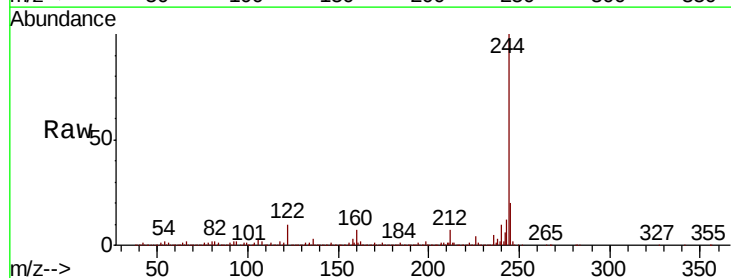
Delta R.T. -0.01 min

Lab File: BM017262.D

Acq: 20 Oct 2018 13:14

Tgt Ion:244 Resp: 6764569

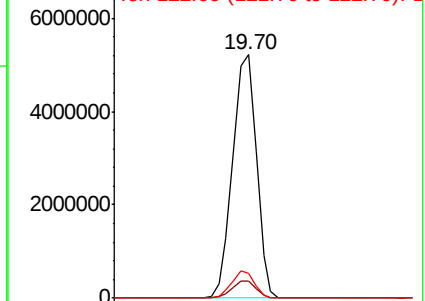
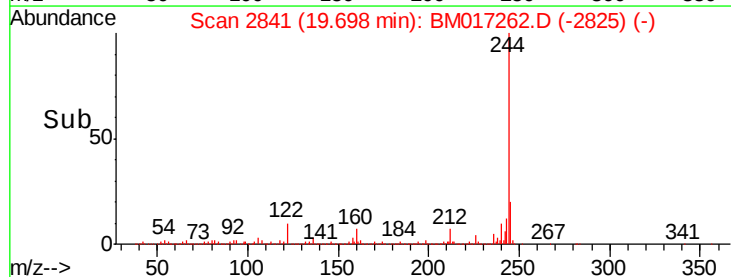
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	10.0	8.4	12.6

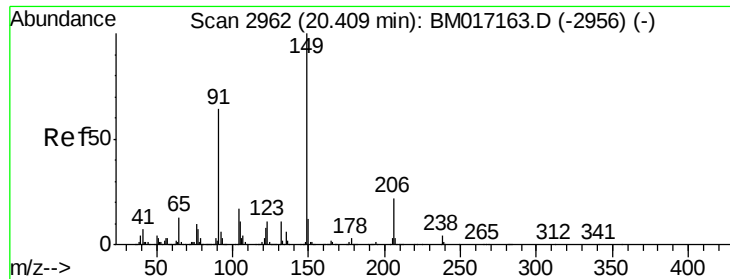


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

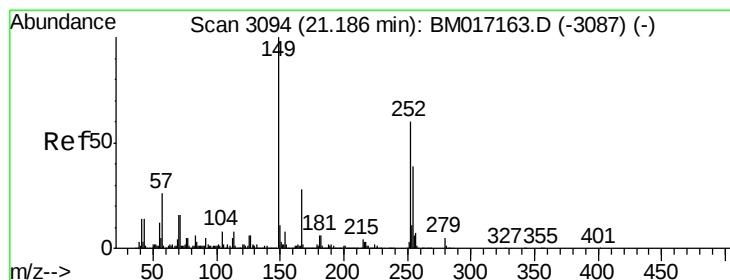
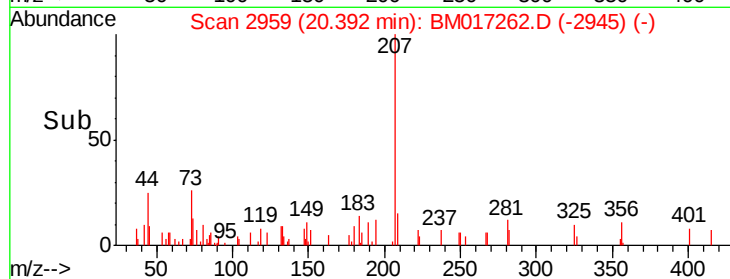
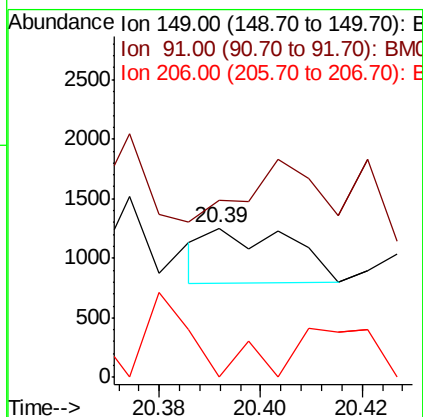
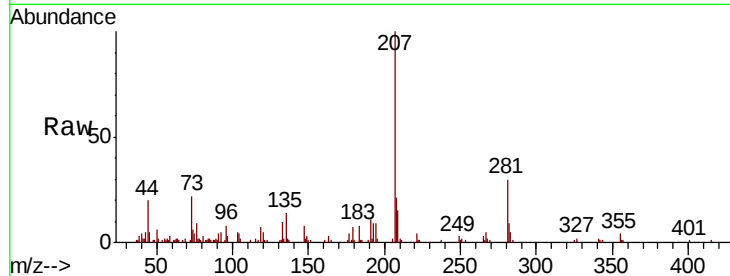




#80
 Butylbenzylphthalate
 Concen: 7.187 ng
 RT: 20.39 min Scan# 2959
 Delta R.T. -0.02 min
 Lab File: BM017262.D
 Acq: 20 Oct 2018 13:14

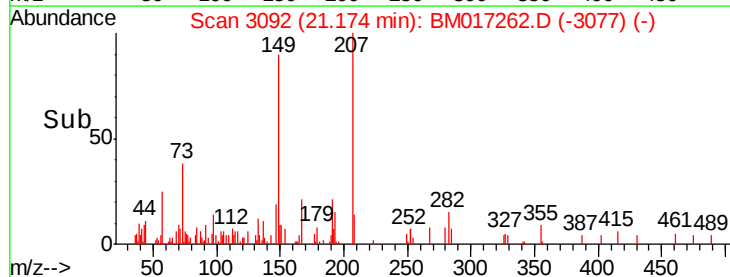
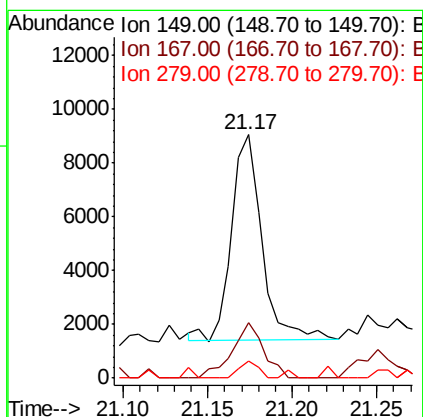
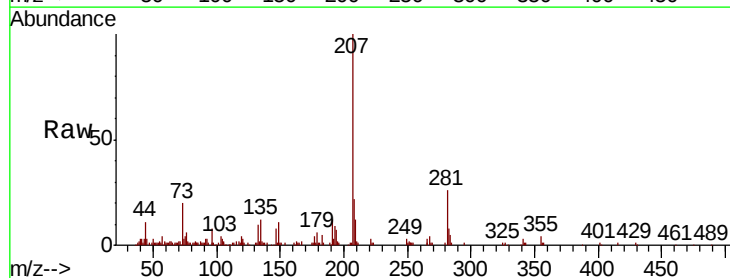
Instrument :
 BNA_M
 ClientSampled :

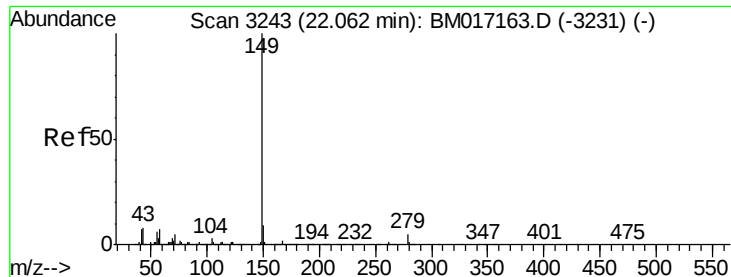
Tot Ion	Ratio	Lower	Upper
149	100		
91	118.5	51.3	76.9#
206	0.0	18.0	27.0#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.446 ng
 RT: 21.17 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BM017262.D
 Acq: 20 Oct 2018 13:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	23.0	22.2	33.4
279	7.0	3.6	5.4#





#85

Di-n-octyl phthalate

Concen: 5.585 ng

RT: 22.04 min Scan# 3240

Delta R.T. -0.02 min

Lab File: BM017262.D

Acq: 20 Oct 2018 13:14

Instrument :

BNA_M

ClientSampleId :

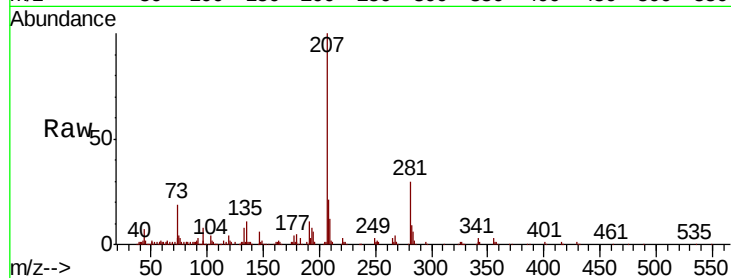
Tot Ion:149 Resp: 1627

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

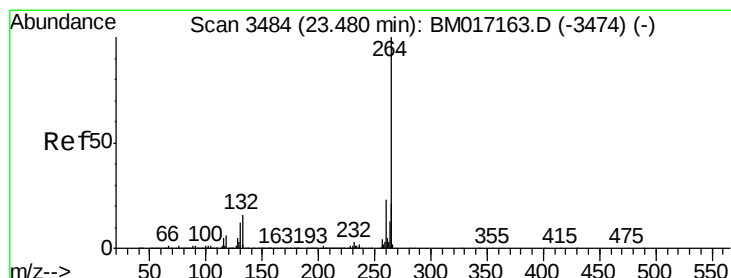
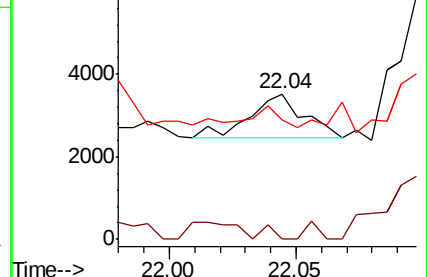
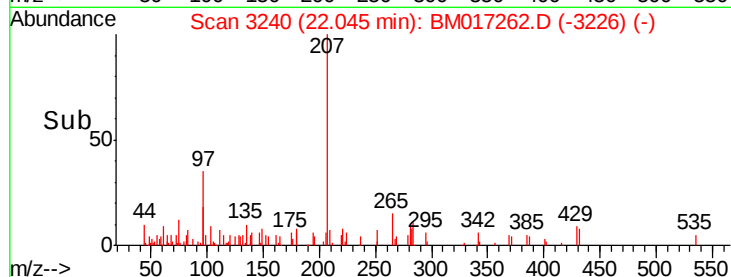
43 20.3 7.2 10.8#



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): BM0



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.46 min Scan# 3480

Delta R.T. -0.02 min

Lab File: BM017262.D

Acq: 20 Oct 2018 13:14

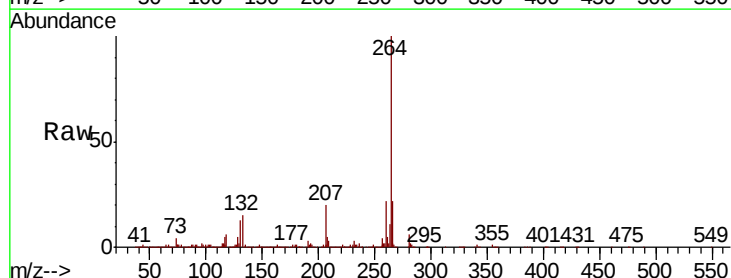
Tgt Ion:264 Resp: 1670484

Ion Ratio Lower Upper

264 100

260 22.4 18.6 27.8

265 21.7 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

