

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021119\
 Data File : BM018762.D
 Acq On : 11 Feb 2019 17:53
 Operator : JU/SJ
 Sample : PB116997BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116995BL

Quant Time: Feb 12 00:43:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

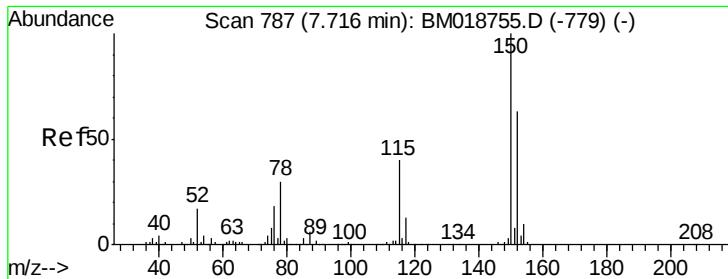
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	310889	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1180063	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	630537	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1385603	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1146927	20.00	ng	0.00
87) Perylene-d12	23.57	264	916805	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	2546170	134.19	ng	0.00
7) Phenol-d6	6.89	99	3395893	127.04	ng	0.00
23) Nitrobenzene-d5	8.88	82	2174790	85.22	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	1142414	125.69	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	4251789	89.51	ng	0.00
79) Terphenyl-d14	19.74	244	5697753	102.48	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.25	88	59	0.007	ng	# 1
3) Pyridine	3.64	79	107	0.005	ng	# 1
4) n-Nitrosodimethylamine	3.56	42	276	0.048	ng	# 1
6) Aniline	7.06	93	749	0.023	ng	# 50
8) 2-Chlorophenol	7.29	128	522	0.025	ng	# 1
9) Benzaldehyde	6.89	77	7623	Below Cal		# 7
10) Phenol	6.90	94	435	0.015	ng	# 1
15) Benzyl Alcohol	8.03	79	33467	1.576	ng	# 51
24) Nitrobenzene	8.88	77	8120	0.307	ng	# 41
25) Isophorone	9.44	82	510	0.013	ng	# 68
46) 1,1'-Biphenyl	13.20	154	6487	0.120	ng	# 84
52) Acenaphthene	14.36	154	2317	0.061	ng	# 4
60) Diethylphthalate	15.19	149	150	0.003	ng	# 59
63) Azobenzene	15.69	77	109	0.002	ng	# 57
71) Phenanthrene	17.17	178	120	0.002	ng	# 60
72) Anthracene	17.17	178	120	0.002	ng	# 61
74) Di-n-butylphthalate	18.09	149	1734	0.020	ng	# 70
77) Benzidine	19.39	184	16273	0.630	ng	# 95
80) Butylbenzylphthalate	20.44	149	735	0.024	ng	# 61
81) Benzo(a)anthracene	21.30	228	3142	0.047	ng	# 73
82) 3,3'-Dichlorobenzidine	21.23	252	134	0.005	ng	# 26
83) Chrysene	21.30	228	3142	0.049	ng	# 71
84) Bis(2-ethylhexyl)phthalate	21.22	149	227	0.005	ng	# 53
85) Di-n-octyl phthalate	22.10	149	395	0.005	ng	# 1
88) Benzo(b)fluoranthene	22.88	252	222	0.004	ng	# 1
89) Benzo(k)fluoranthene	22.92	252	691	0.013	ng	# 1
90) Benzo(a)pyrene	23.48	252	559	0.011	ng	# 1

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

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Misc :
ALS Vial : 12 Sample Multiplier: 1

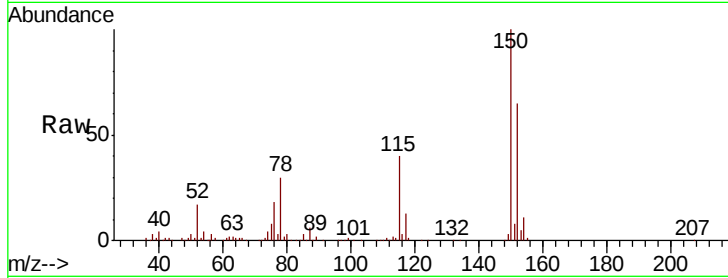


#1

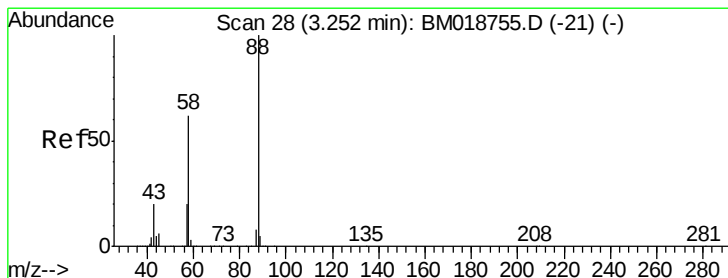
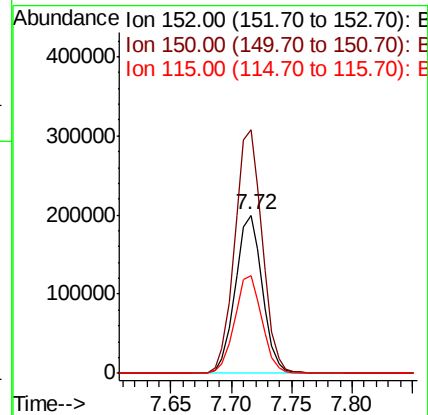
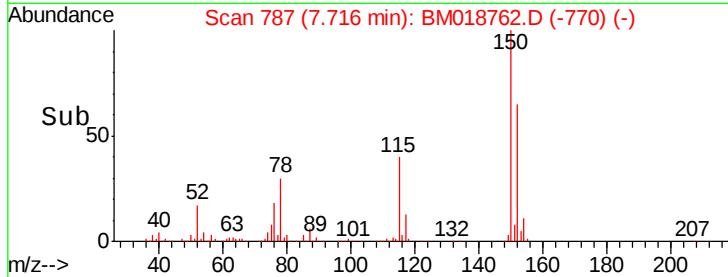
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM018762.D
Acq: 11 Feb 2019 17:53

Instrument :
BNA_M
ClientSampleId :
PB116995BL

Tgt Ion:152 Resp: 310889
Ion Ratio Lower Upper
152 100
150 153.7 127.3 190.9
115 61.4 50.8 76.2



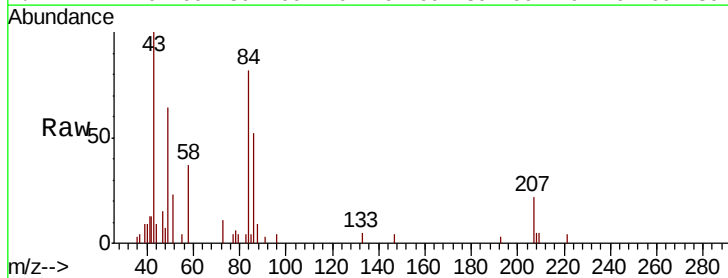
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



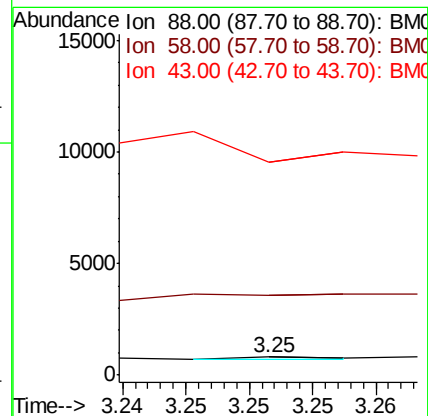
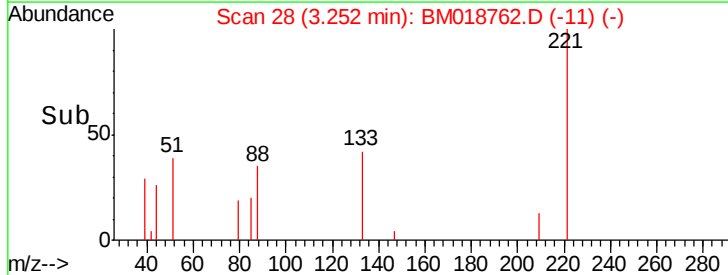
#2

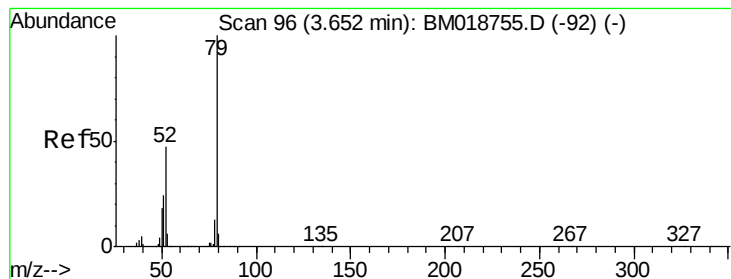
1,4-Dioxane
Concen: 0.007 ng
RT: 3.25 min Scan# 28
Delta R.T. -0.00 min
Lab File: BM018762.D
Acq: 11 Feb 2019 17:53

Tgt Ion: 88 Resp: 59
Ion Ratio Lower Upper
88 100
58 1069.5 49.8 74.6#
43 2415.3 16.7 25.1#



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pyridine

Concen: 0.005 ng

RT: 3.64 min Scan# 94

Delta R.T. -0.01 min

Lab File: BM018762.D

Acq: 11 Feb 2019 17:53

Instrument :

BNA_M

ClientSampleId :

PB116995BL

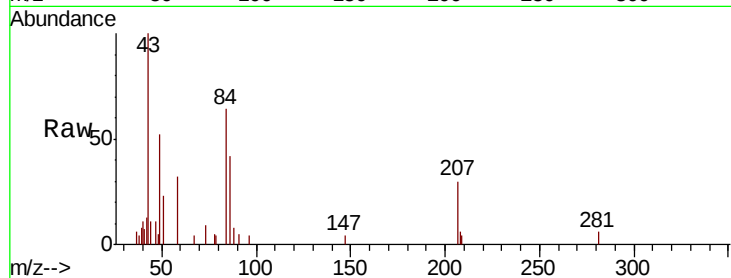
Tgt Ion: 79 Resp: 107

Ion Ratio Lower Upper

79 100

52 0.0 37.6 56.4#

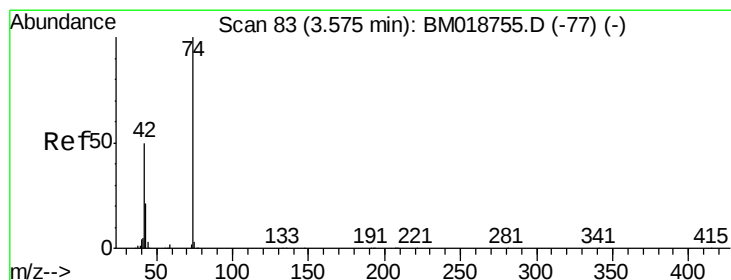
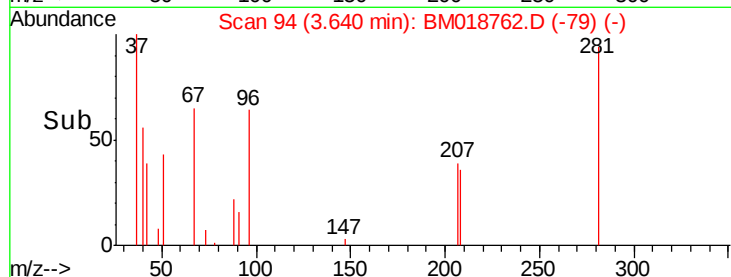
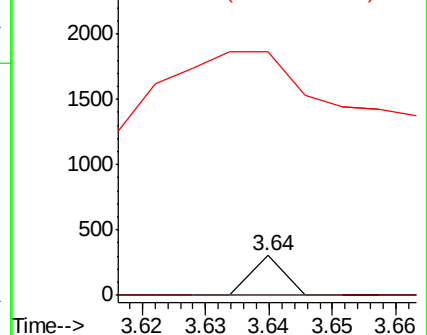
51 616.2 19.7 29.5#



Abundance Ion 79.00 (78.70 to 79.70): BM018755.D (-92) (-)

Ion 52.00 (51.70 to 52.70): BM018755.D (-92) (-)

Ion 51.00 (50.70 to 51.70): BM018755.D (-92) (-)



#4

n-Nitrosodimethylamine

Concen: 0.048 ng

RT: 3.56 min Scan# 81

Delta R.T. -0.01 min

Lab File: BM018762.D

Acq: 11 Feb 2019 17:53

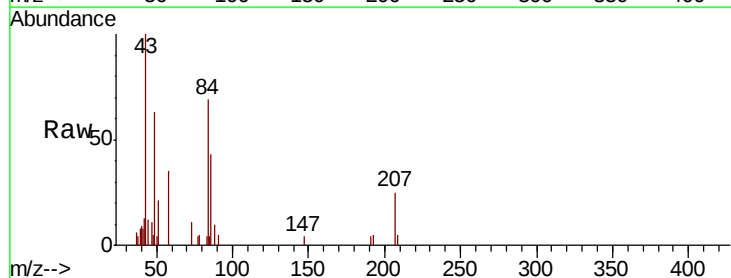
Tgt Ion: 42 Resp: 276

Ion Ratio Lower Upper

42 100

74 0.0 158.1 237.1#

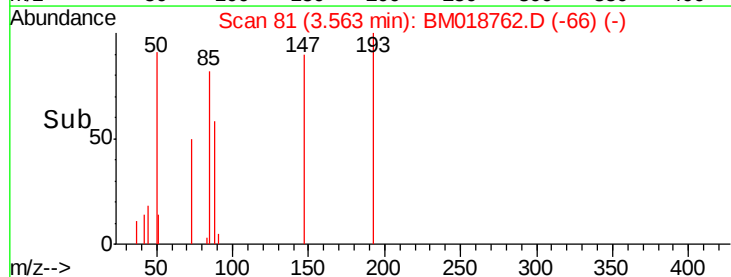
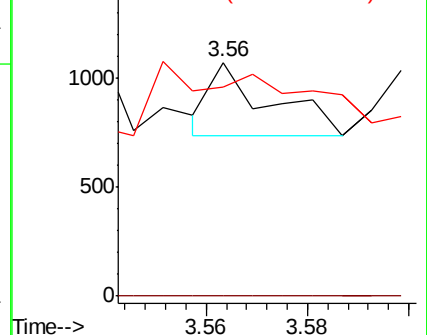
44 89.7 4.9 7.3#

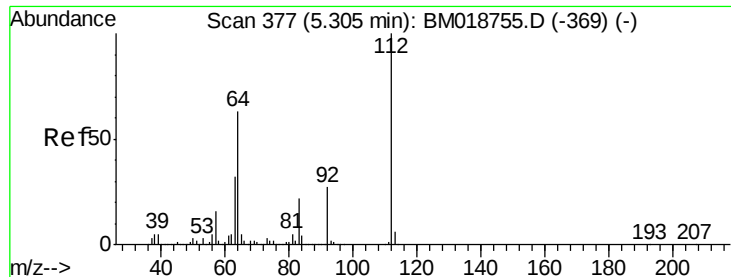


Abundance Ion 42.00 (41.70 to 42.70): BM018755.D (-77) (-)

Ion 74.00 (73.70 to 74.70): BM018755.D (-77) (-)

Ion 44.00 (43.70 to 44.70): BM018755.D (-77) (-)





#5

2-Fluorophenol

Concen: 134.190 ng

RT: 5.30 min Scan# 377

Delta R.T. -0.00 min

Lab File: BM018762.D

Acq: 11 Feb 2019 17:53

Instrument :

BNA_M

ClientSampleId :

PB116995BL

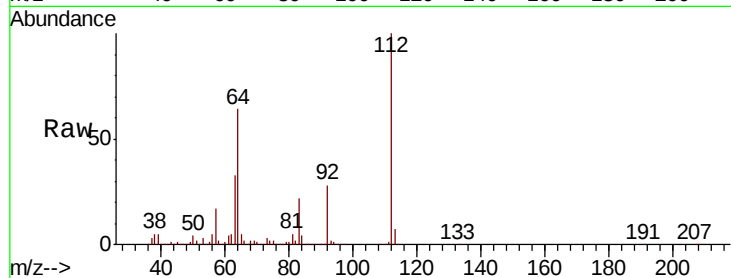
Tgt Ion: 112 Resp: 2546170

Ion Ratio Lower Upper

112 100

64 63.8 50.6 75.8

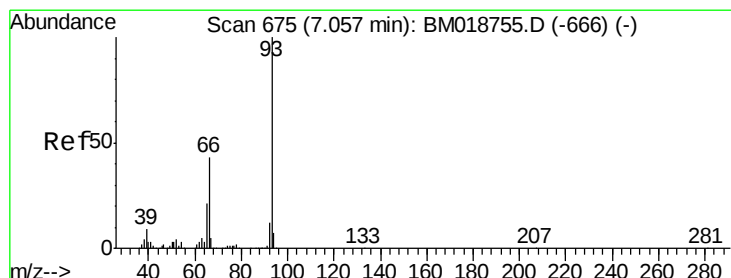
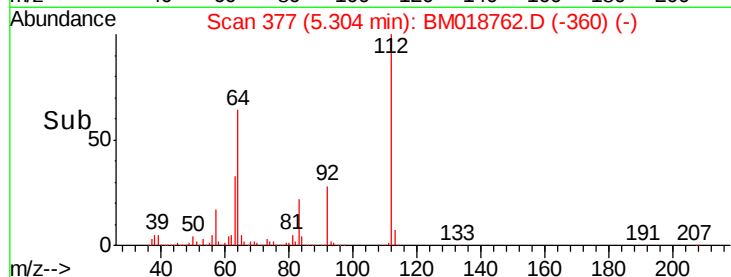
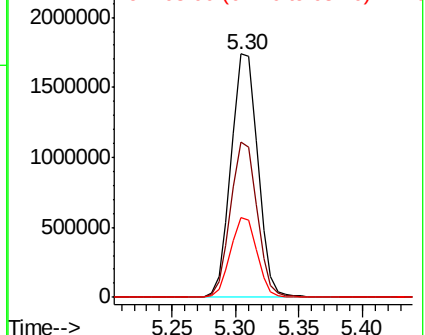
63 32.8 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 0.023 ng

RT: 7.06 min Scan# 675

Delta R.T. -0.00 min

Lab File: BM018762.D

Acq: 11 Feb 2019 17:53

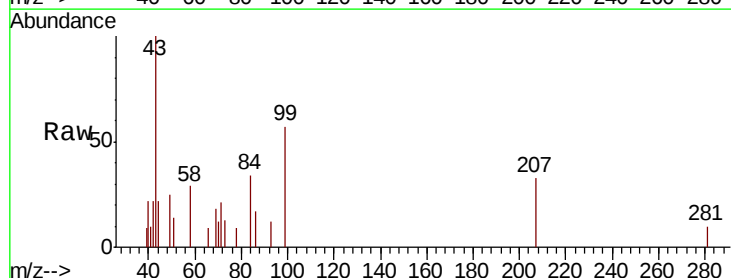
Tgt Ion: 93 Resp: 749

Ion Ratio Lower Upper

93 100

66 76.5 34.1 51.1#

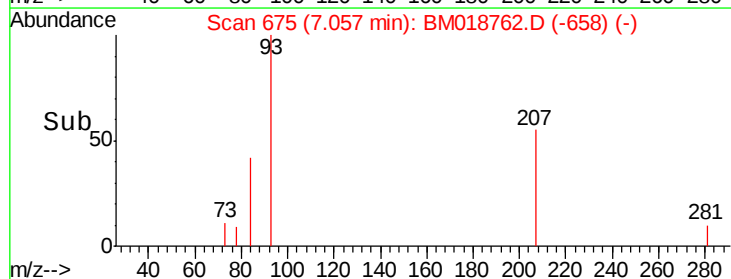
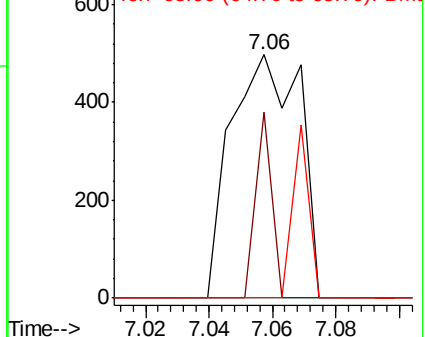
65 0.0 16.6 24.8#

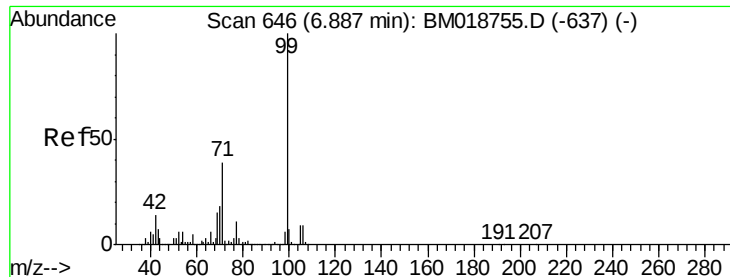


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 127.044 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.01 min

Lab File: BM018762.D

Acq: 11 Feb 2019 17:53

Instrument :

BNA_M

ClientSampleId :

PB116995BL

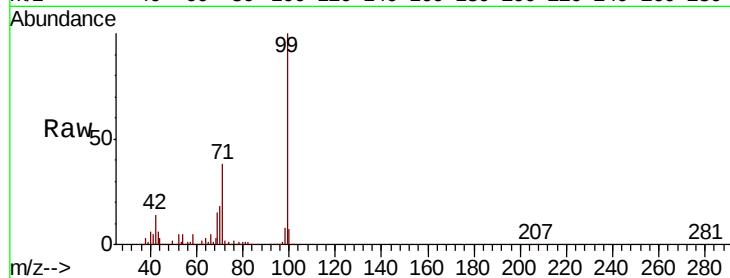
Tgt Ion: 99 Resp: 3395893

Ion Ratio Lower Upper

99 100

42 13.5 11.0 16.6

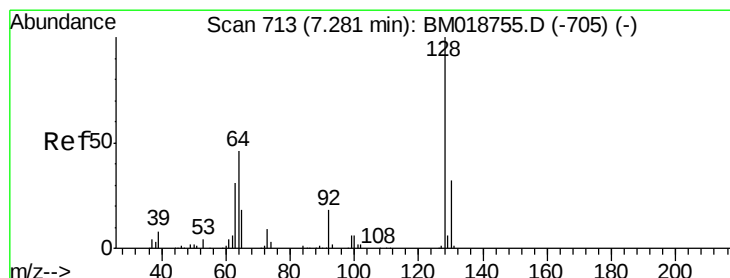
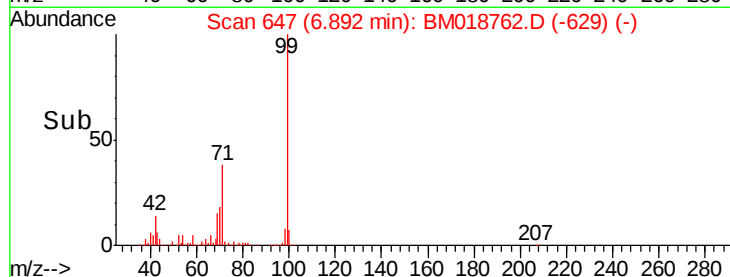
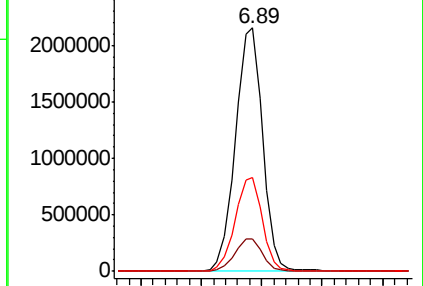
71 38.4 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#8

2-Chlorophenol

Concen: 0.025 ng

RT: 7.29 min Scan# 714

Delta R.T. 0.01 min

Lab File: BM018762.D

Acq: 11 Feb 2019 17:53

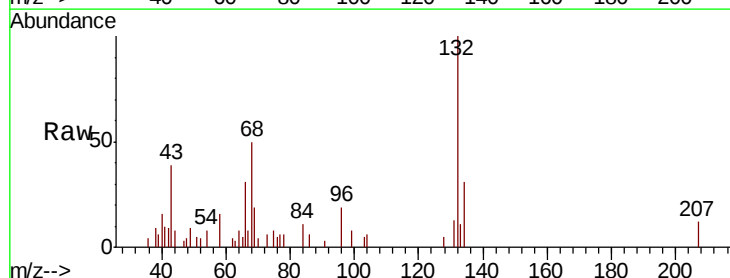
Tgt Ion: 128 Resp: 522

Ion Ratio Lower Upper

128 100

130 0.0 11.7 51.7#

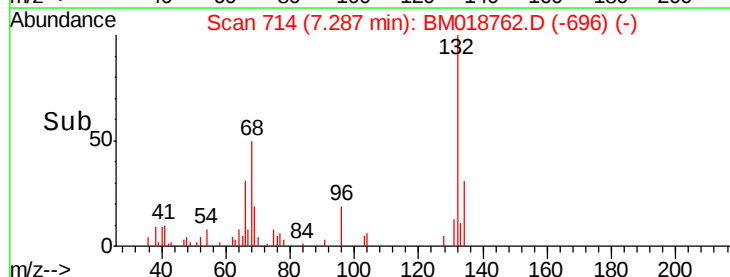
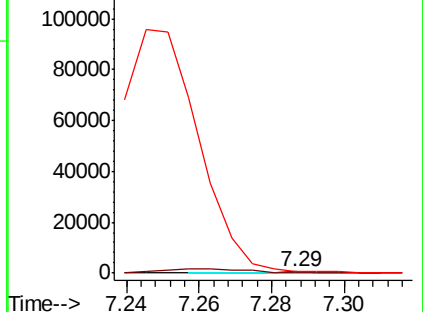
64 163.0 31.0 71.0#

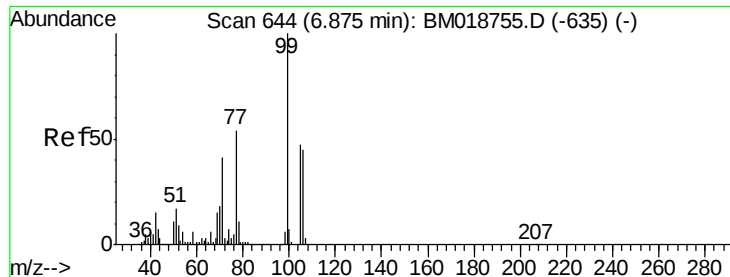


Abundance Ion 128.00 (127.70 to 128.70): BM018755.D (-705) (-)

Ion 130.00 (129.70 to 130.70): BM018755.D (-705) (-)

Ion 64.00 (63.70 to 64.70): BM018755.D (-705) (-)





#9

Benzaldehyde

Concen: Below Cal

RT: 6.89 min Scan# 646

Delta R.T. 0.01 min

Lab File: BM018762.D

Acq: 11 Feb 2019 17:53

Instrument :

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PB116995BL

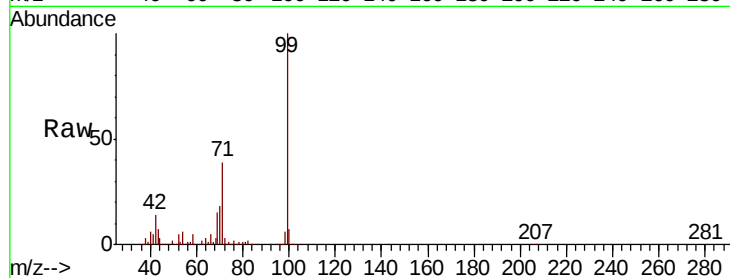
Tgt Ion: 77 Resp: 7623

Ion Ratio Lower Upper

77 100

105 0.0 67.3 107.3#

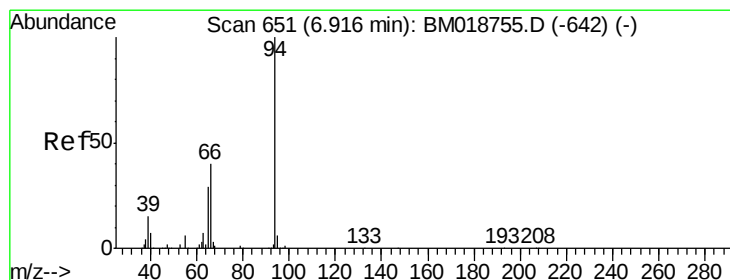
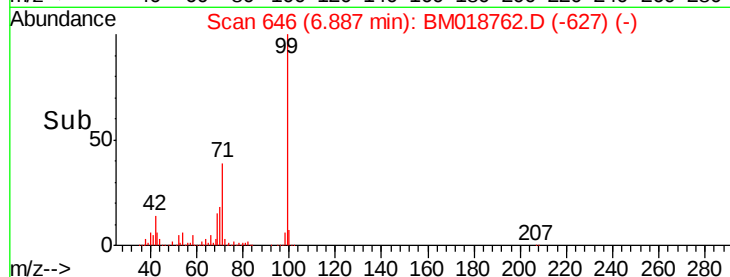
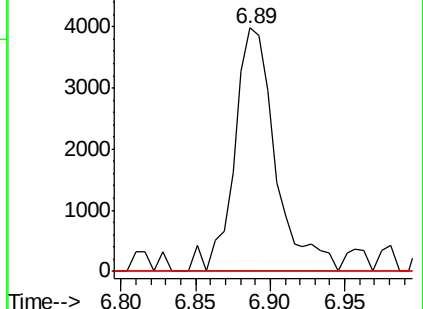
106 0.0 62.9 102.9#



Abundance Ion 77.00 (76.70 to 77.70): BM018762.D (-627) (-)

Ion 105.00 (104.70 to 105.70): BM018762.D (-627) (-)

Ion 106.00 (105.70 to 106.70): BM018762.D (-627) (-)



#10

Phenol

Concen: 0.015 ng

RT: 6.90 min Scan# 648

Delta R.T. -0.02 min

Lab File: BM018762.D

Acq: 11 Feb 2019 17:53

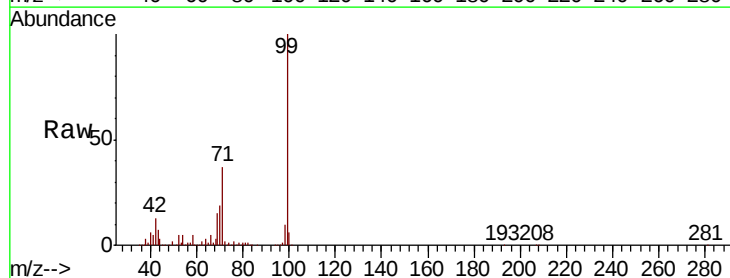
Tgt Ion: 94 Resp: 435

Ion Ratio Lower Upper

94 100

65 2773.4 9.6 49.6#

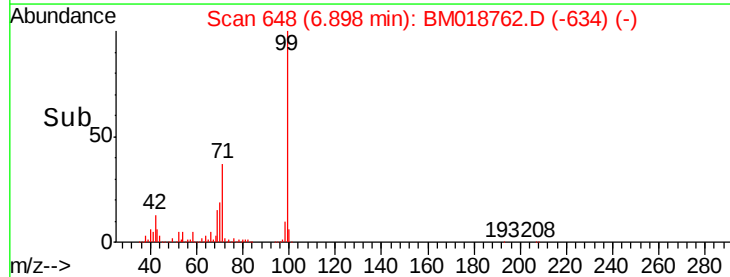
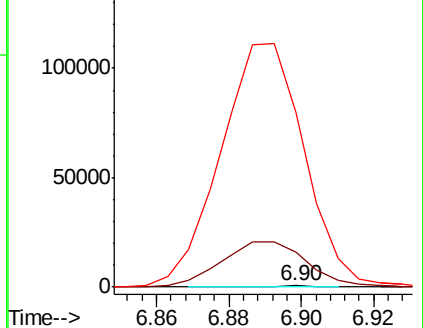
66 13951.0 20.4 60.4#

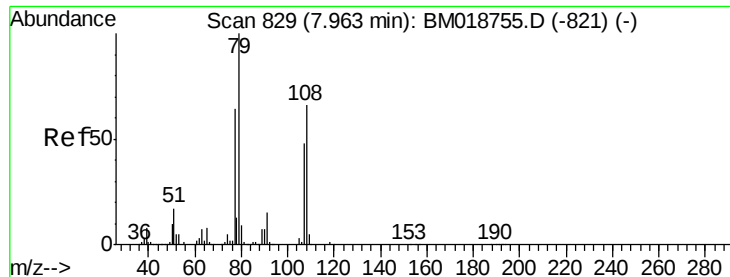


Abundance Ion 94.00 (93.70 to 94.70): BM018762.D (-634) (-)

Ion 65.00 (64.70 to 65.70): BM018762.D (-634) (-)

Ion 66.00 (65.70 to 66.70): BM018762.D (-634) (-)





#15

Benzyl Alcohol

Concen: 1.576 ng

RT: 8.03 min Scan# 840

Delta R.T. 0.06 min

Lab File: BM018762.D

Acq: 11 Feb 2019 17:53

Instrument :

BNA_M

ClientSampleId :

PB116995BL

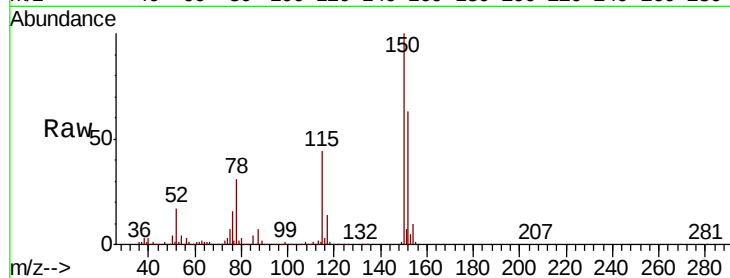
Tgt Ion: 79 Resp: 33467

Ion Ratio Lower Upper

79 100

108 28.4 52.7 79.1#

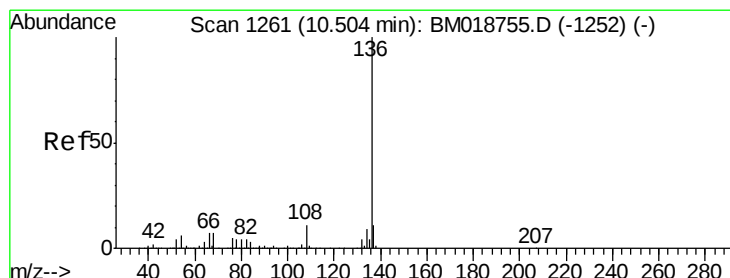
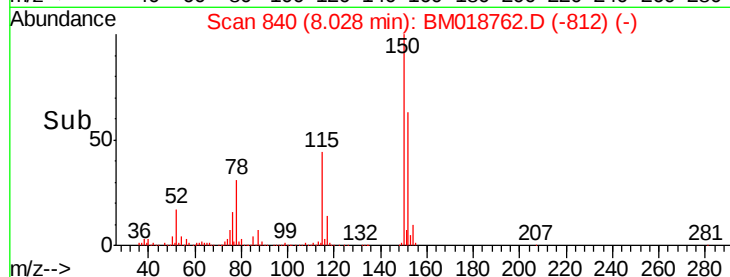
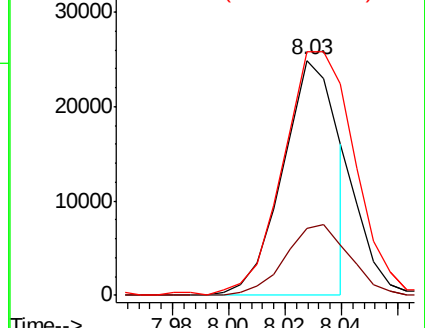
77 103.5 51.0 76.4#



Abundance Ion 79.00 (78.70 to 79.70): BM018755.D (-821) (-)

Ion 108.00 (107.70 to 108.70): BM018755.D (-821) (-)

Ion 77.00 (76.70 to 77.70): BM018755.D (-821) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BM018762.D

Acq: 11 Feb 2019 17:53

Tgt Ion: 136 Resp: 1180063

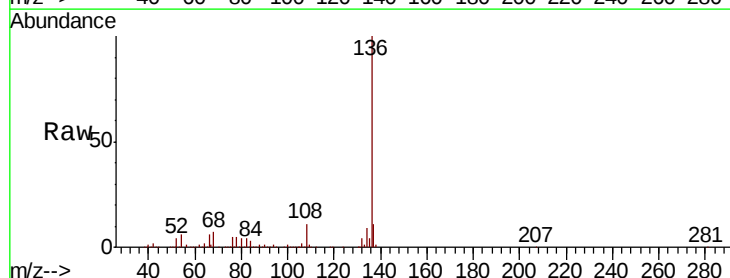
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 6.2 5.0 7.6

68 6.8 5.5 8.3

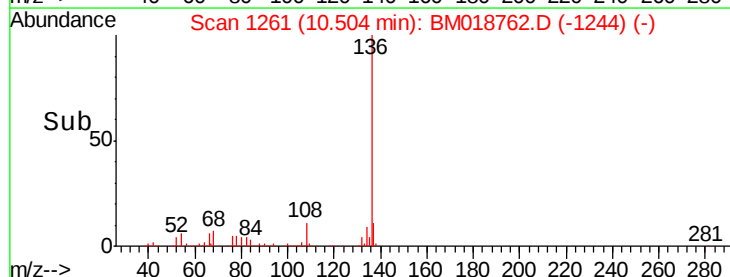
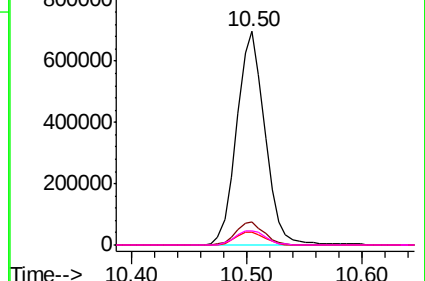


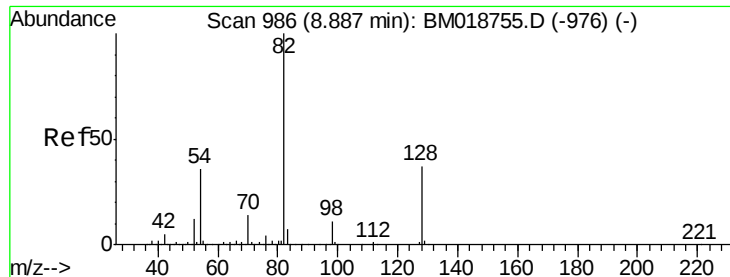
Abundance Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM018755.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM018755.D (-1252) (-)

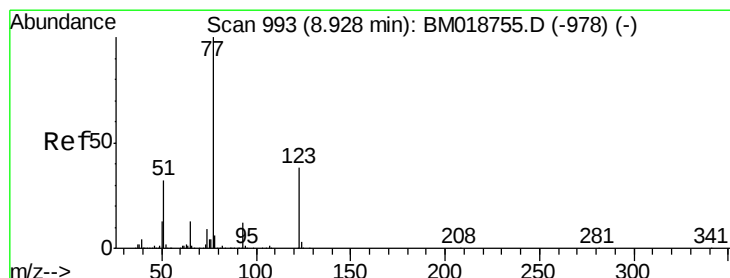
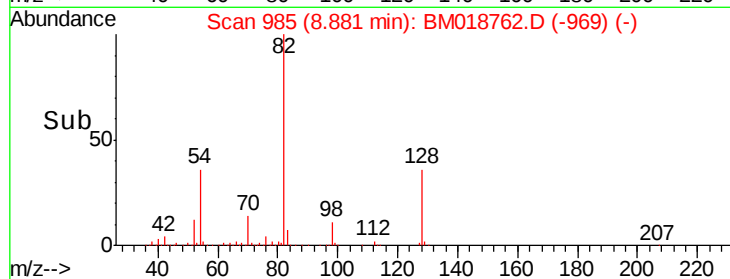
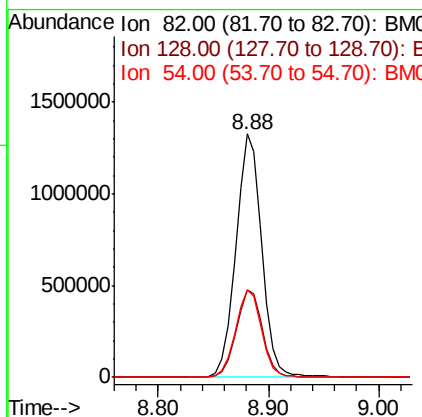
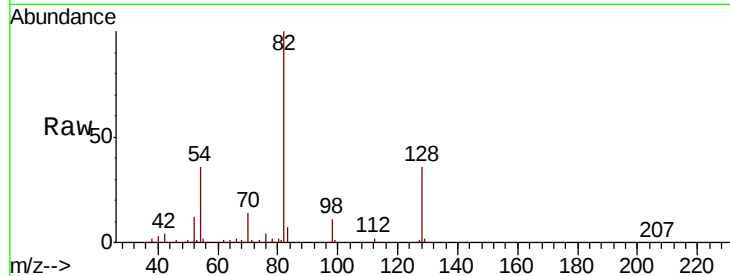




#23
 Nitrobenzene-d5
 Concen: 85.215 ng
 RT: 8.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BM018762.D
 Acq: 11 Feb 2019 17:53

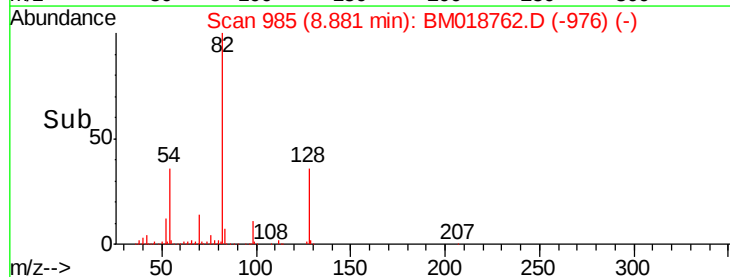
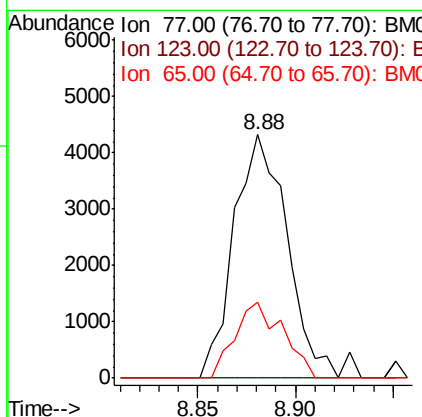
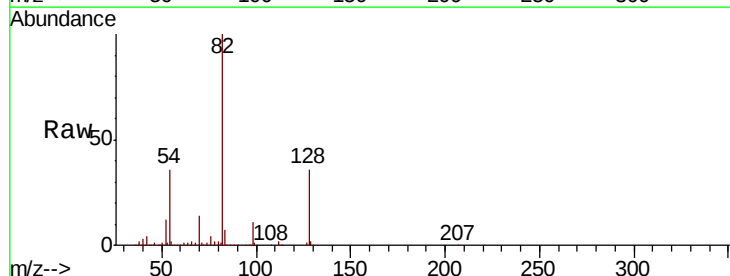
Instrument :
 BNA_M
 ClientSampleId :
 PB116995BL

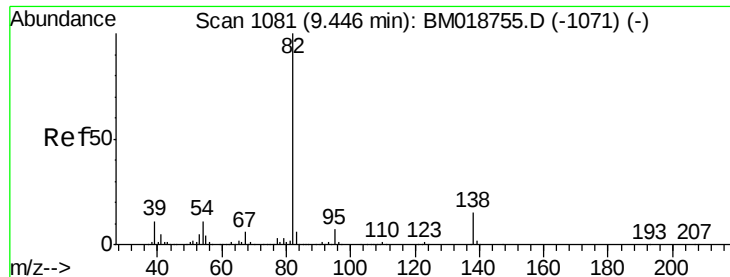
Tgt Ion: 82 Resp: 2174790
 Ion Ratio Lower Upper
 82 100
 128 36.1 29.9 44.9
 54 36.0 29.1 43.7



#24
 Nitrobenzene
 Concen: 0.307 ng
 RT: 8.88 min Scan# 985
 Delta R.T. -0.05 min
 Lab File: BM018762.D
 Acq: 11 Feb 2019 17:53

Tgt Ion: 77 Resp: 8120
 Ion Ratio Lower Upper
 77 100
 123 0.0 30.7 46.1#
 65 31.4 10.5 15.7#





#25

Isophorone

Concen: 0.013 ng

RT: 9.44 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BM018762.D

Acq: 11 Feb 2019 17:53

Instrument :

BNA_M

ClientSampleId :

PB116995BL

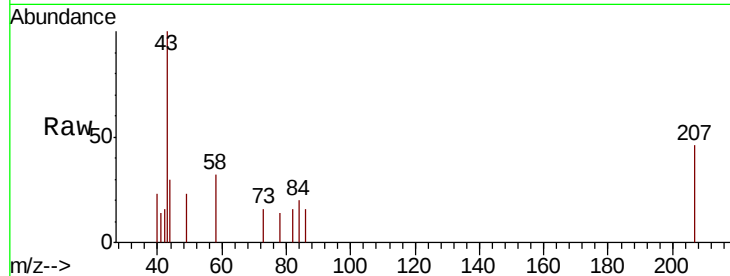
Tgt Ion: 82 Resp: 510

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 12.3 18.5#

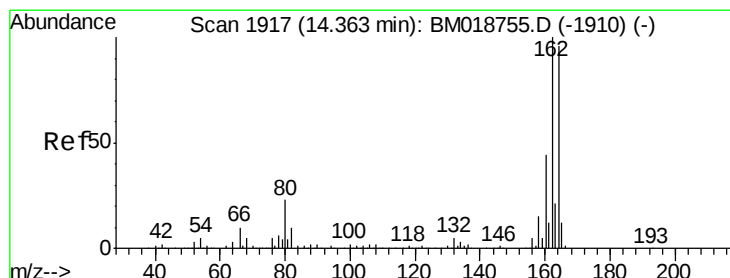
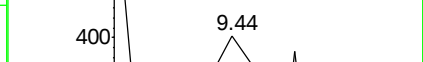
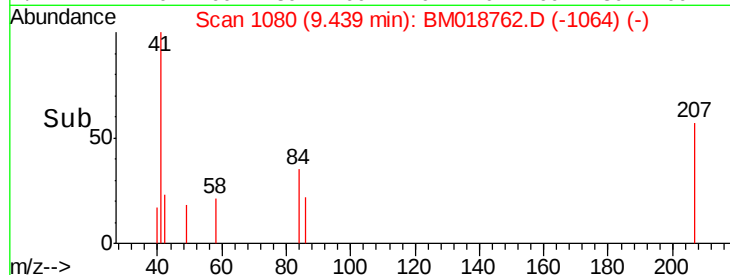


Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-1071) (-)

Ion 95.00 (94.70 to 95.70): BM018755.D (-1071) (-)

Ion 138.00 (137.70 to 138.70): BM018755.D (-1071) (-)

Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.36 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BM018762.D

Acq: 11 Feb 2019 17:53

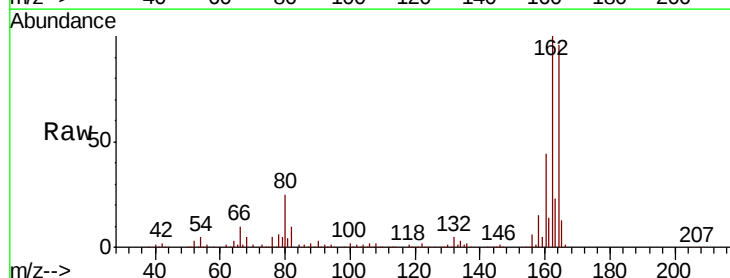
Tgt Ion: 164 Resp: 630537

Ion Ratio Lower Upper

164 100

162 103.8 83.4 125.0

160 46.2 36.6 55.0

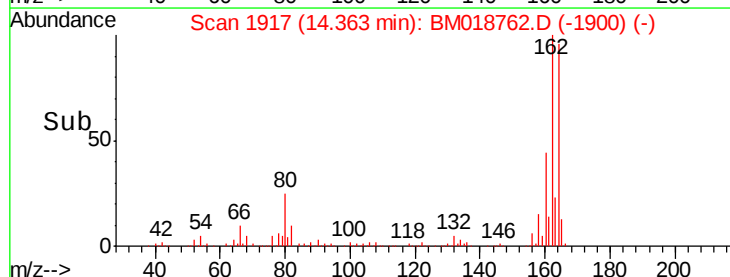


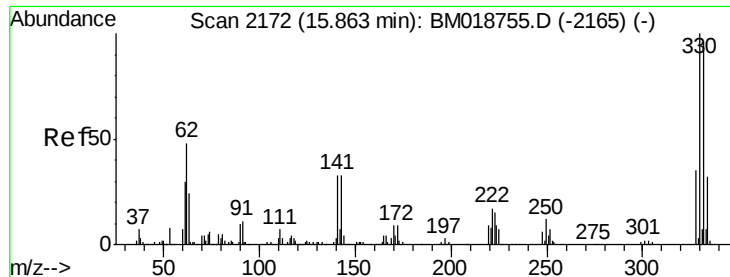
Abundance Ion 164.00 (163.70 to 164.70): BM018755.D (-1910) (-)

Ion 162.00 (161.70 to 162.70): BM018755.D (-1910) (-)

Ion 160.00 (159.70 to 160.70): BM018755.D (-1910) (-)

Time-->





#42

2,4,6-Tribromophenol

Concen: 125.692 ng

RT: 15.86 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BM018762.D

Acq: 11 Feb 2019 17:53

Instrument :

BNA_M

ClientSampleId :

PB116995BL

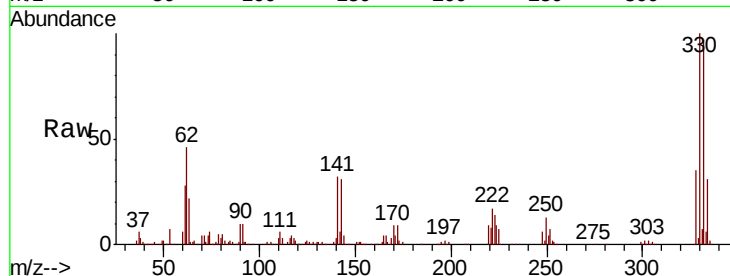
Tgt Ion:330 Resp: 1142414

Ion Ratio Lower Upper

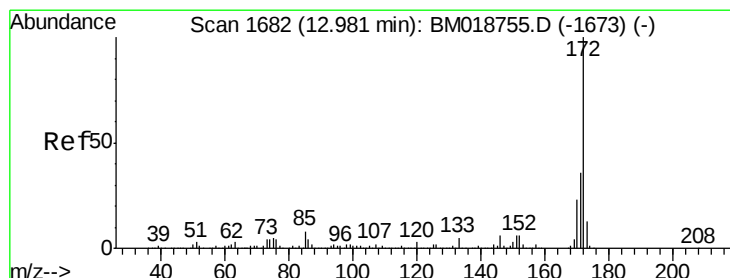
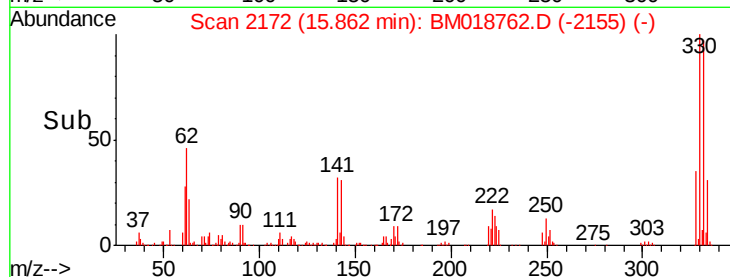
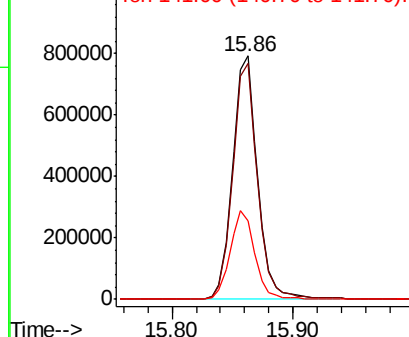
330 100

332 96.2 76.9 115.3

141 36.0 28.7 43.1



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: 89.513 ng

RT: 12.98 min Scan# 1682

Delta R.T. -0.00 min

Lab File: BM018762.D

Acq: 11 Feb 2019 17:53

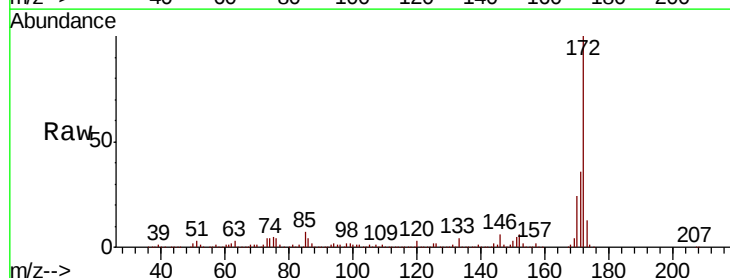
Tgt Ion:172 Resp: 4251789

Ion Ratio Lower Upper

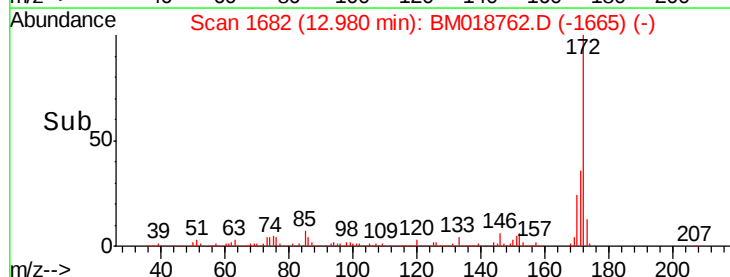
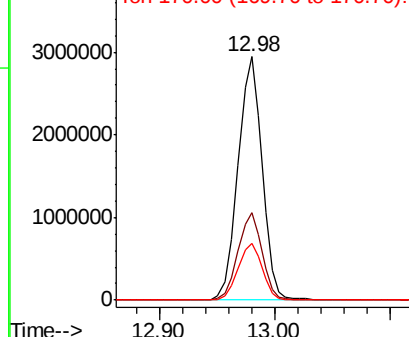
172 100

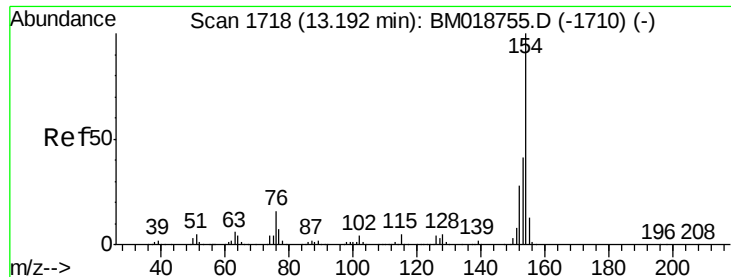
171 35.7 29.0 43.6

170 23.5 18.6 28.0



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

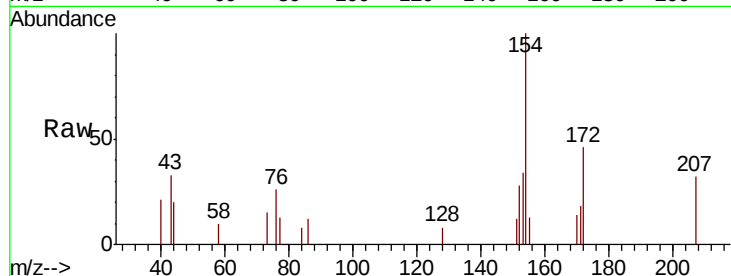




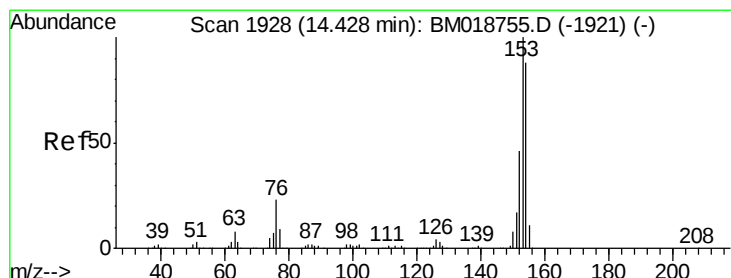
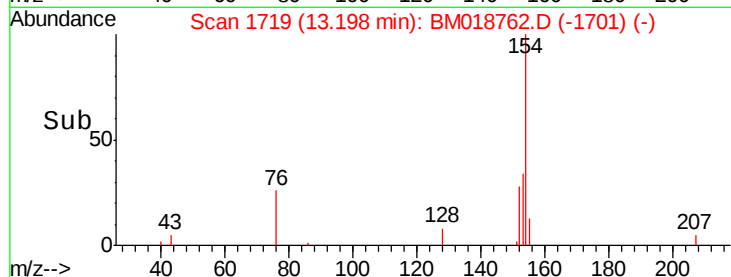
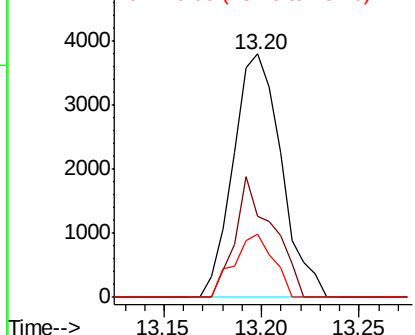
#46
 1,1'-Biphenyl
 Concen: 0.120 ng
 RT: 13.20 min Scan# 1719
 Delta R.T. 0.01 min
 Lab File: BM018762.D
 Acq: 11 Feb 2019 17:53

Instrument :
 BNA_M
 ClientSampleId :
 PB116995BL

Tgt Ion:154 Resp: 6487
 Ion Ratio Lower Upper
 154 100
 153 33.5 21.1 61.1
 76 26.0 0.0 35.7

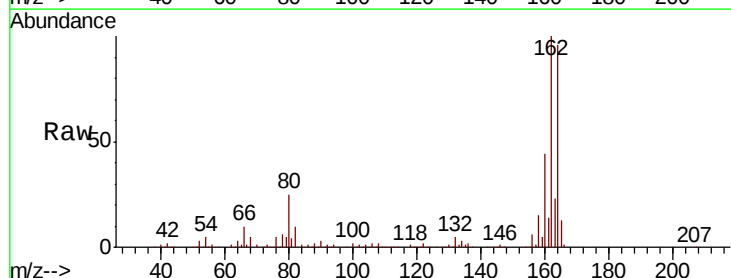


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

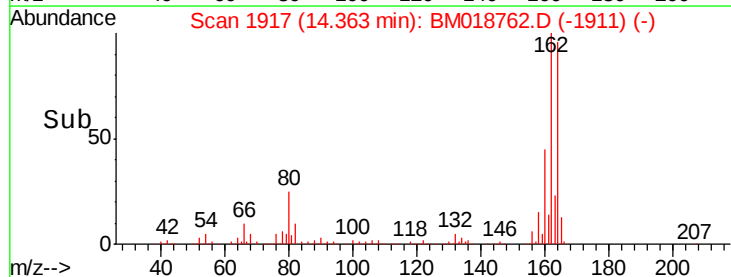
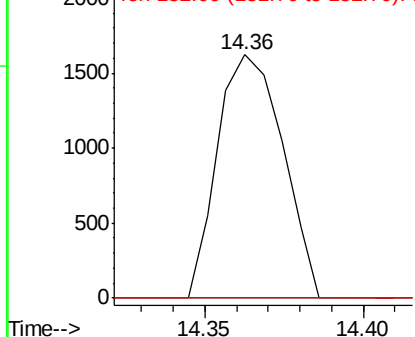


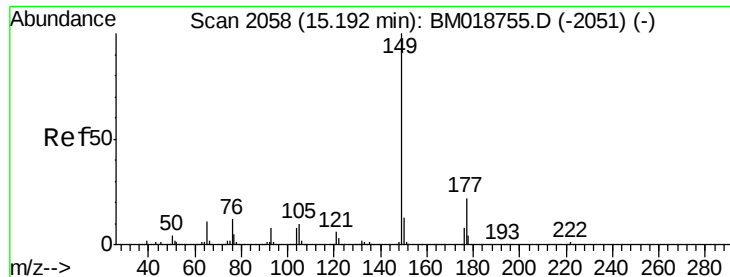
#52
 Acenaphthene
 Concen: 0.061 ng
 RT: 14.36 min Scan# 1917
 Delta R.T. -0.07 min
 Lab File: BM018762.D
 Acq: 11 Feb 2019 17:53

Tgt Ion:154 Resp: 2317
 Ion Ratio Lower Upper
 154 100
 153 0.0 91.3 136.9#
 152 0.0 42.2 63.4#



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#60

Diethylphthalate

Concen: 0.003 ng

RT: 15.19 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BM018762.D

Acq: 11 Feb 2019 17:53

Instrument :

BNA_M

ClientSampleId :

PB116995BL

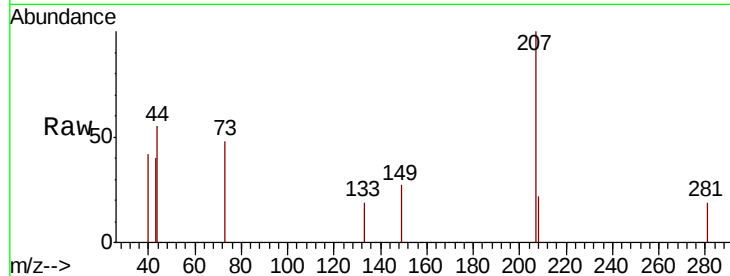
Tgt Ion: 149 Resp: 150

Ion Ratio Lower Upper

149 100

177 0.0 17.2 25.8#

150 0.0 10.2 15.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

15.19

400

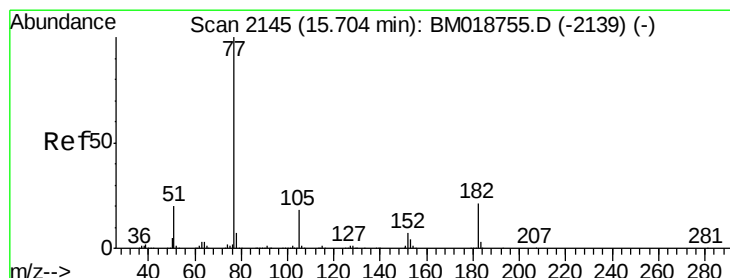
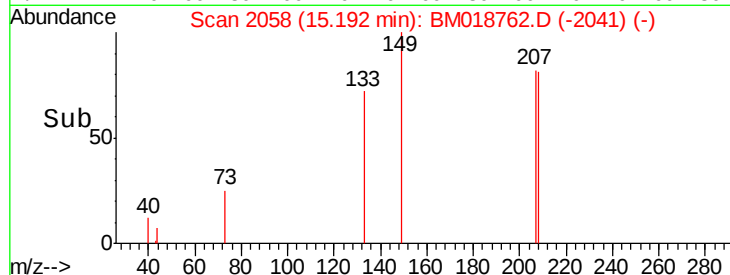
300

200

100

0

Time-->



#63

Azobenzene

Concen: 0.002 ng

RT: 15.69 min Scan# 2142

Delta R.T. -0.02 min

Lab File: BM018762.D

Acq: 11 Feb 2019 17:53

Tgt Ion: 77 Resp: 109

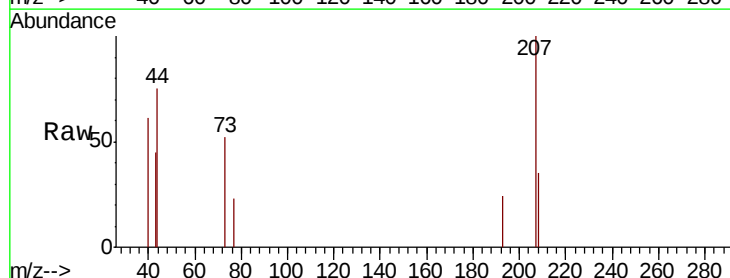
Ion Ratio Lower Upper

77 100

182 0.0 1.0 41.0#

105 0.0 0.0 37.7

51 0.0 0.3 40.3#



Abundance Ion 77.00 (76.70 to 77.70): BMO

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BMO

15.69

400

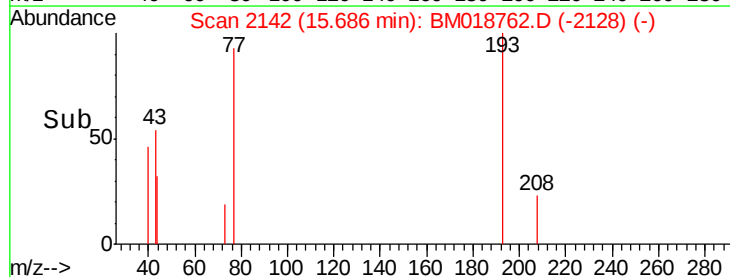
300

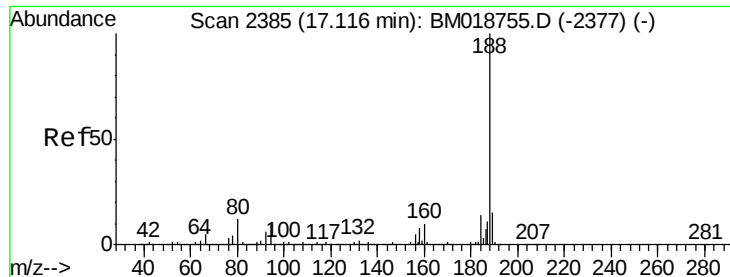
200

100

0

Time-->





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.12 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BM018762.D

Acq: 11 Feb 2019 17:53

Instrument :

BNA_M

ClientSampleId :

PB116995BL

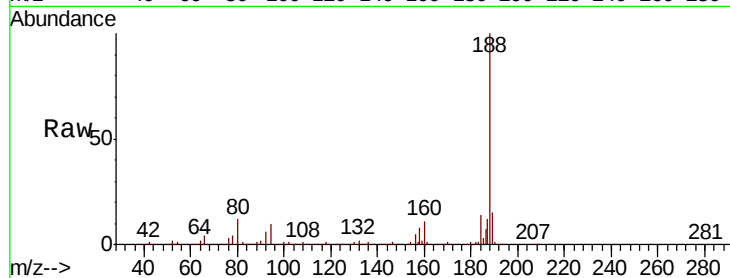
Tgt Ion:188 Resp: 1385603

Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.2

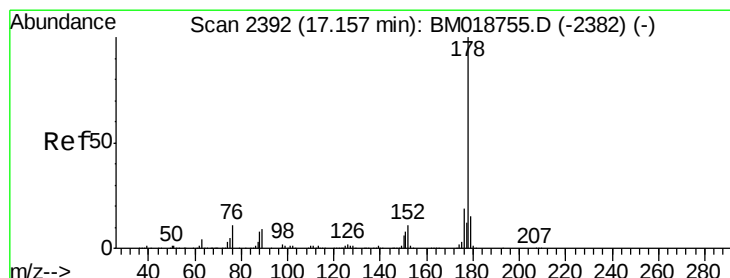
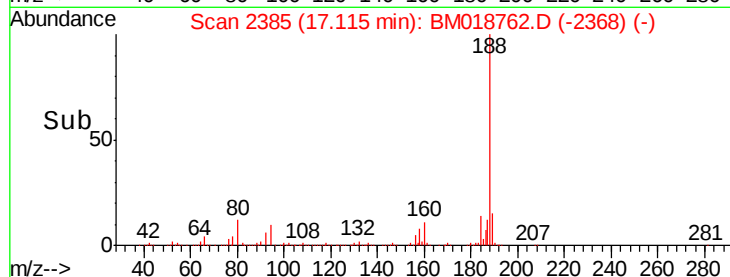
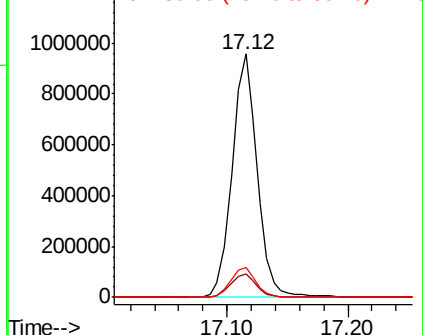
80 12.2 9.7 14.5



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



#71

Phenanthrene

Concen: 0.002 ng

RT: 17.17 min Scan# 2394

Delta R.T. 0.01 min

Lab File: BM018762.D

Acq: 11 Feb 2019 17:53

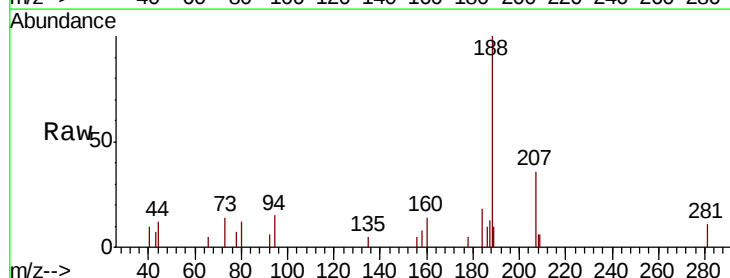
Tgt Ion:178 Resp: 120

Ion Ratio Lower Upper

178 100

176 0.0 15.4 23.0#

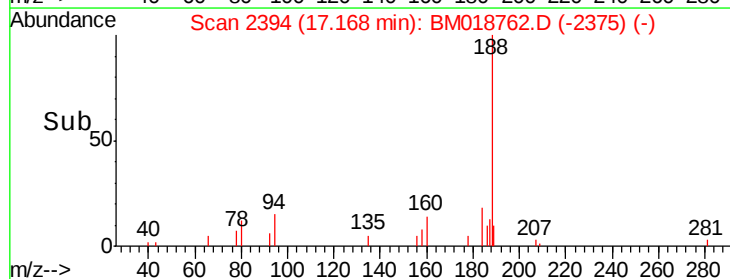
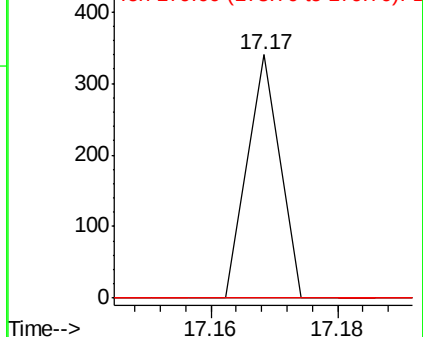
179 0.0 12.3 18.5#

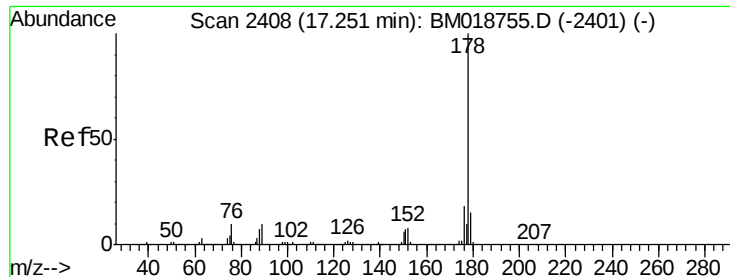


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 0.002 ng

RT: 17.17 min Scan# 2394

Delta R.T. -0.08 min

Lab File: BM018762.D

Acq: 11 Feb 2019 17:53

Instrument :

BNA_M

ClientSampleId :

PB116995BL

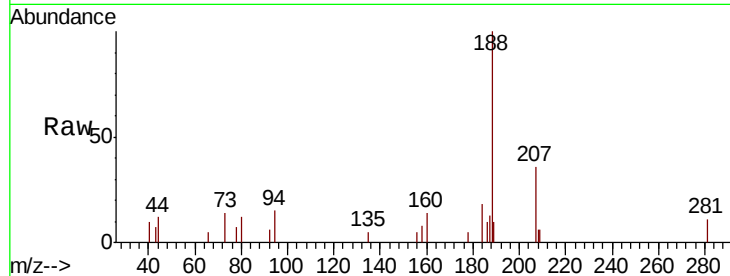
Tgt Ion:178 Resp: 120

Ion Ratio Lower Upper

178 100

176 0.0 14.8 22.2#

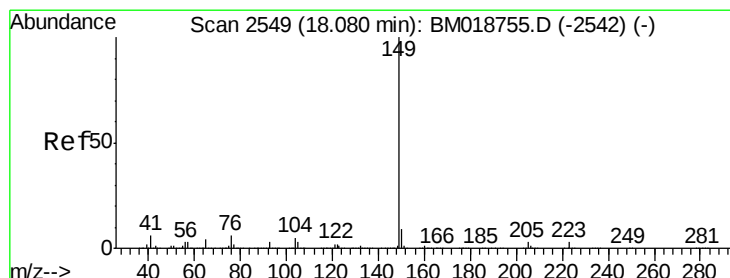
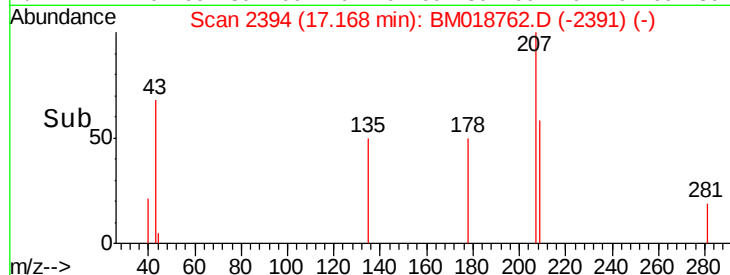
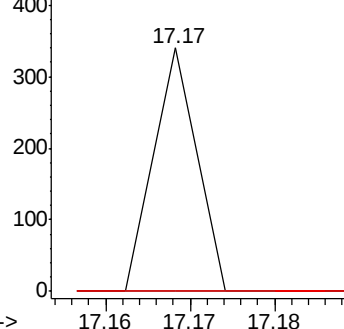
179 0.0 12.1 18.1#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Di-n-butylphthalate

Concen: 0.020 ng

RT: 18.09 min Scan# 2550

Delta R.T. 0.01 min

Lab File: BM018762.D

Acq: 11 Feb 2019 17:53

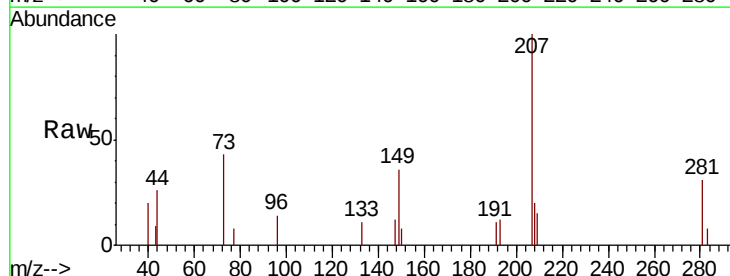
Tgt Ion:149 Resp: 1734

Ion Ratio Lower Upper

149 100

150 22.9 7.4 11.0#

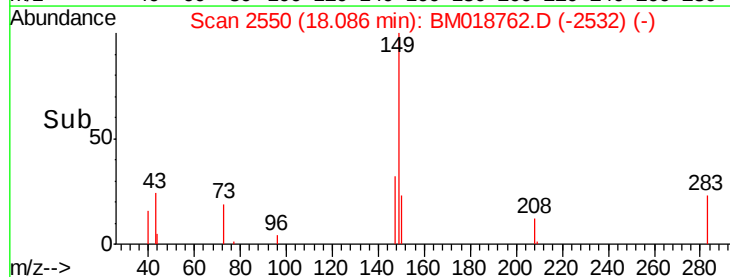
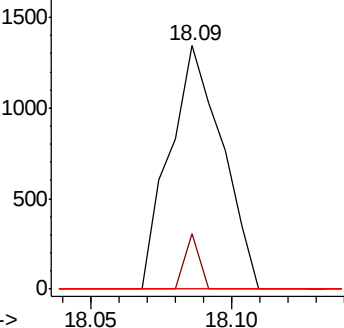
104 0.0 4.3 6.5#

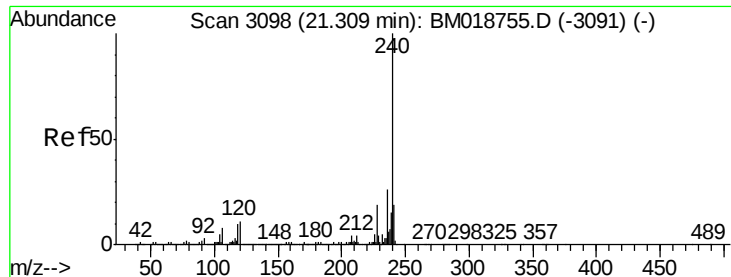


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

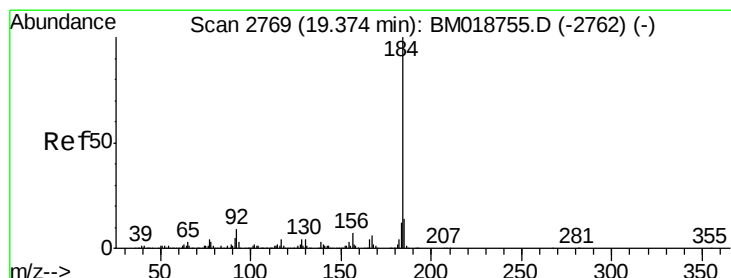
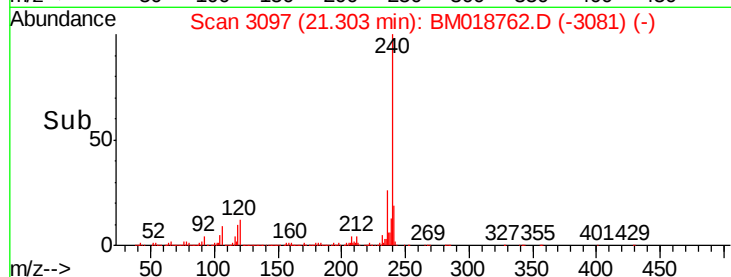
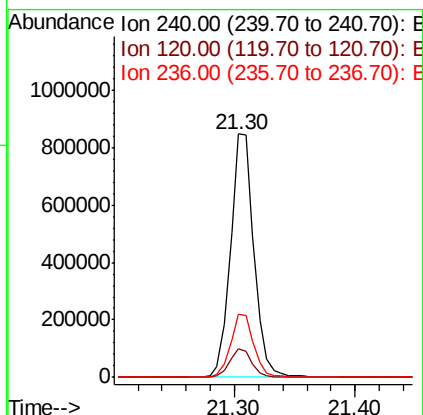
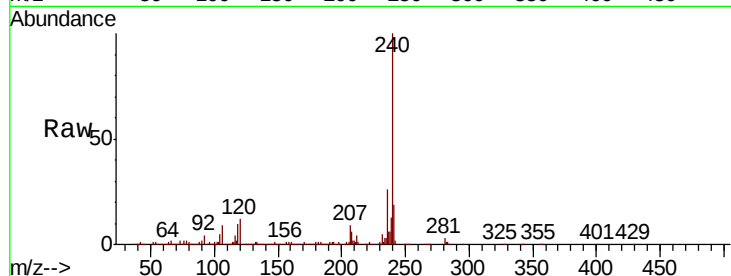




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.30 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM018762.D
Acq: 11 Feb 2019 17:53

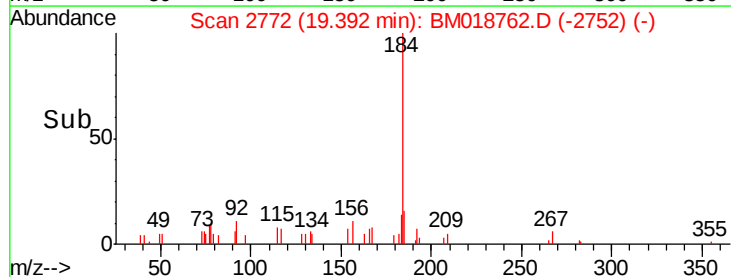
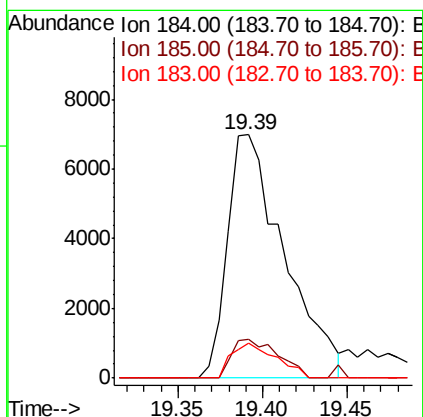
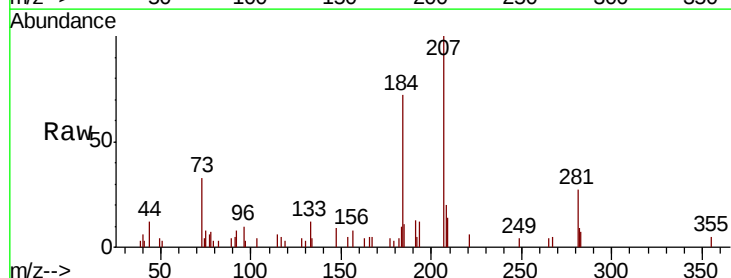
Instrument :
BNA_M
ClientSampled :
PB116995BL

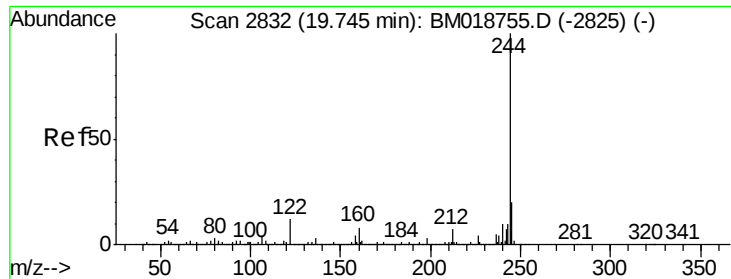
Tgt Ion:240 Resp: 1146927
Ion Ratio Lower Upper
240 100
120 11.8 8.9 13.3
236 26.1 20.9 31.3



#77
Benzidine
Concen: 0.630 ng
RT: 19.39 min Scan# 2772
Delta R.T. 0.02 min
Lab File: BM018762.D
Acq: 11 Feb 2019 17:53

Tgt Ion:184 Resp: 16273
Ion Ratio Lower Upper
184 100
185 15.8 11.2 16.8
183 14.2 9.7 14.5





#79

Terphenyl-d14

Concen: 102.481 ng

RT: 19.74 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BM018762.D

Acq: 11 Feb 2019 17:53

Instrument :

BNA_M

ClientSampleId :

PB116995BL

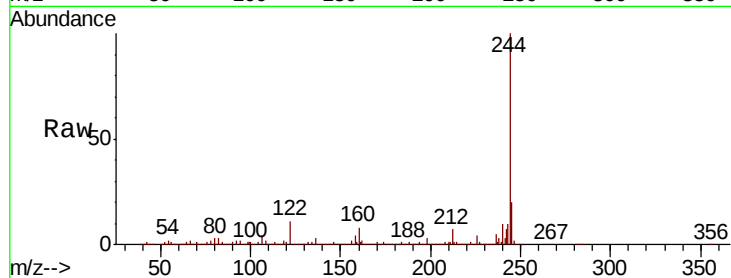
Tgt Ion:244 Resp: 5697753

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

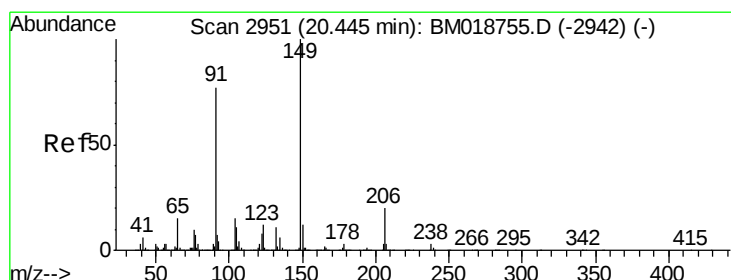
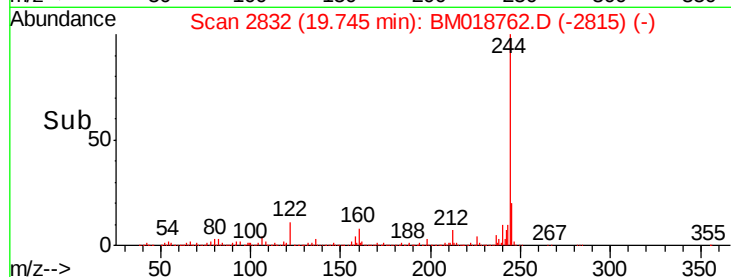
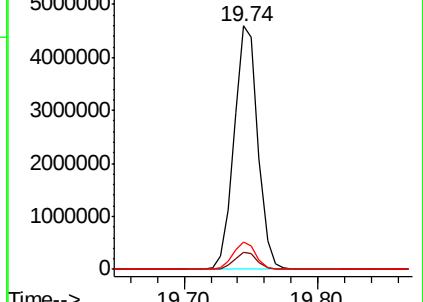
122 11.3 9.3 13.9



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: 0.024 ng

RT: 20.44 min Scan# 2951

Delta R.T. -0.00 min

Lab File: BM018762.D

Acq: 11 Feb 2019 17:53

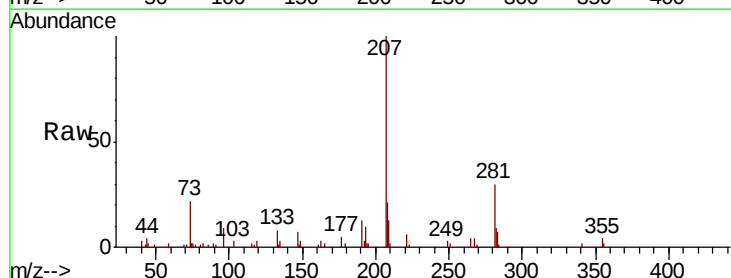
Tgt Ion:149 Resp: 735

Ion Ratio Lower Upper

149 100

91 44.5 61.4 92.0#

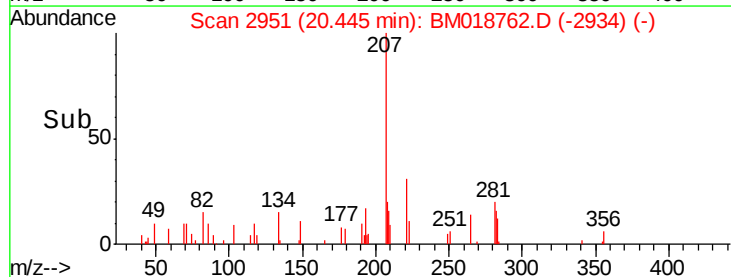
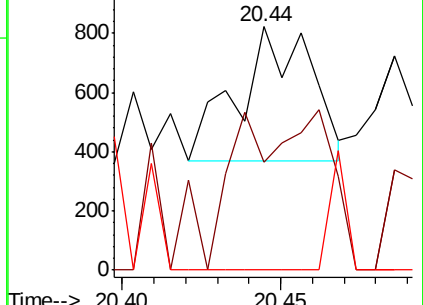
206 0.0 15.8 23.8#

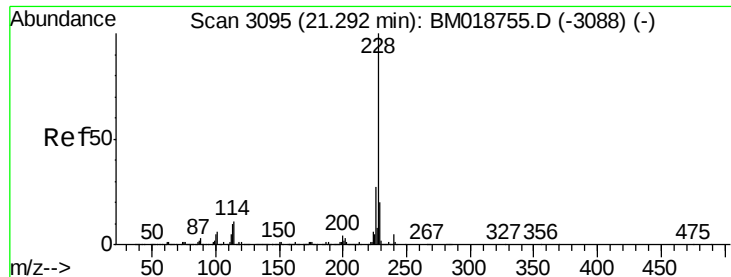


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.047 ng

RT: 21.30 min Scan# 3097

Delta R.T. 0.01 min

Lab File: BM018762.D

Acq: 11 Feb 2019 17:53

Instrument :

BNA_M

ClientSampleId :

PB116995BL

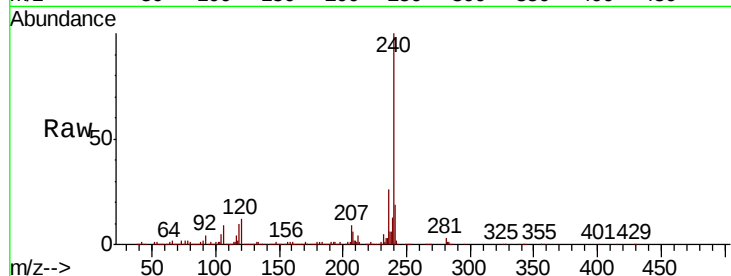
Tgt Ion:228 Resp: 3142

Ion Ratio Lower Upper

228 100

226 15.7 21.9 32.9#

229 35.2 15.9 23.9#

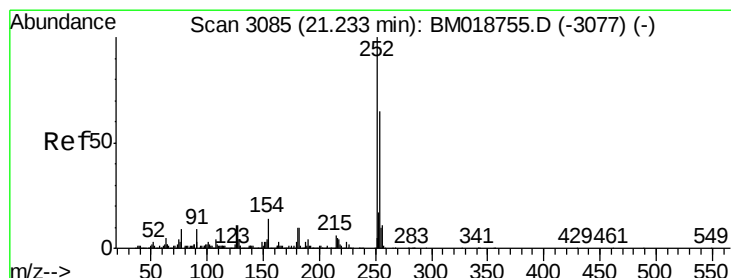
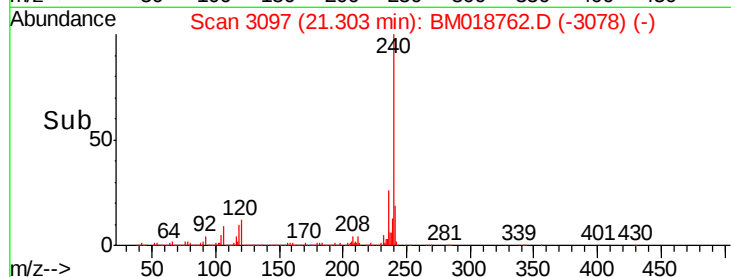
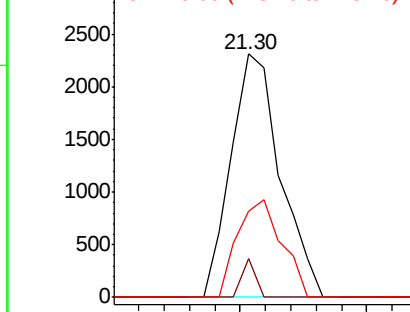


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 0.005 ng

RT: 21.23 min Scan# 3084

Delta R.T. -0.01 min

Lab File: BM018762.D

Acq: 11 Feb 2019 17:53

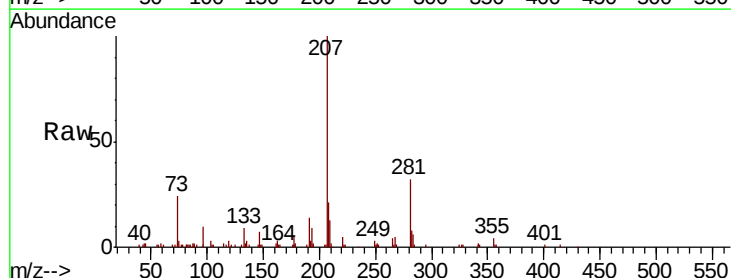
Tgt Ion:252 Resp: 134

Ion Ratio Lower Upper

252 100

254 0.0 51.8 77.8#

126 0.0 9.1 13.7#

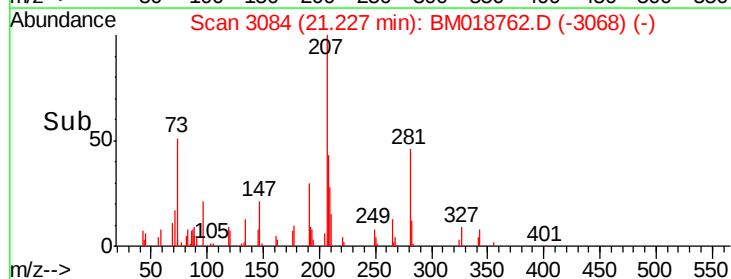
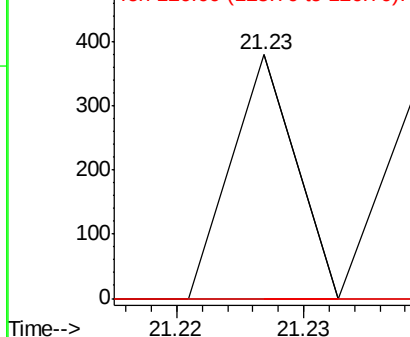


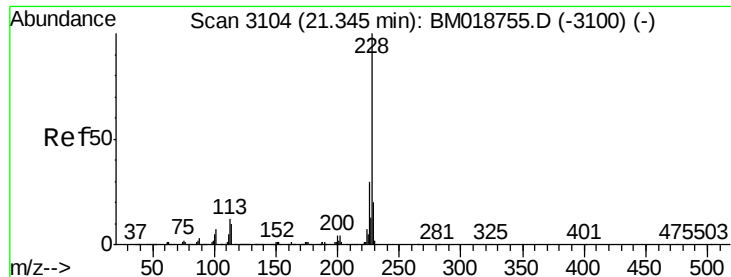
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 0.049 ng

RT: 21.30 min Scan# 3097

Delta R.T. -0.04 min

Lab File: BM018762.D

Acq: 11 Feb 2019 17:53

Instrument :

BNA_M

ClientSampleId :

PB116995BL

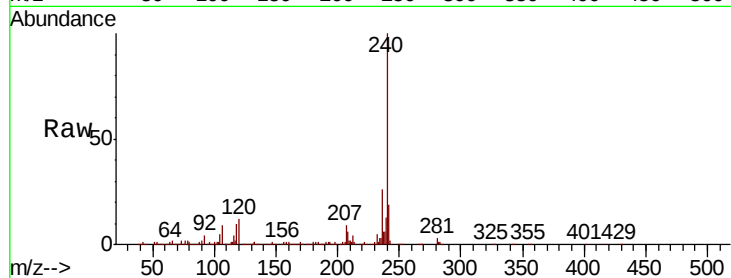
Tgt Ion:228 Resp: 3142

Ion Ratio Lower Upper

228 100

226 15.7 24.1 36.1#

229 35.2 16.0 24.0#

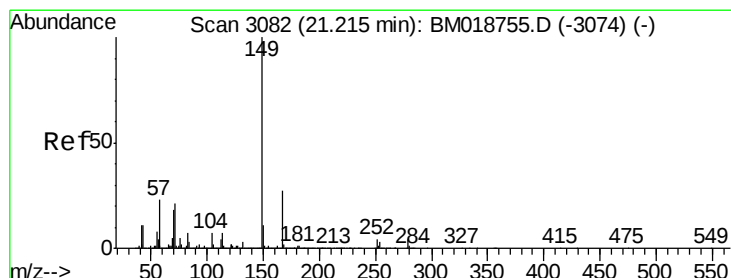
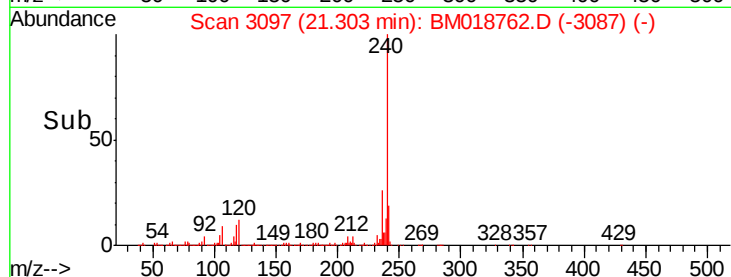
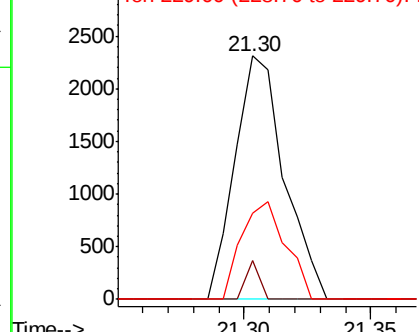


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.005 ng

RT: 21.22 min Scan# 3083

Delta R.T. 0.01 min

Lab File: BM018762.D

Acq: 11 Feb 2019 17:53

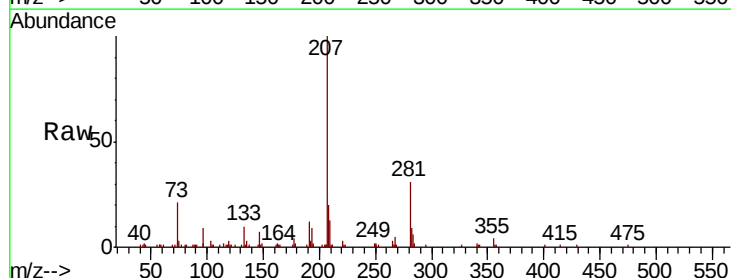
Tgt Ion:149 Resp: 227

Ion Ratio Lower Upper

149 100

167 0.0 21.8 32.6#

279 0.0 3.6 5.4#

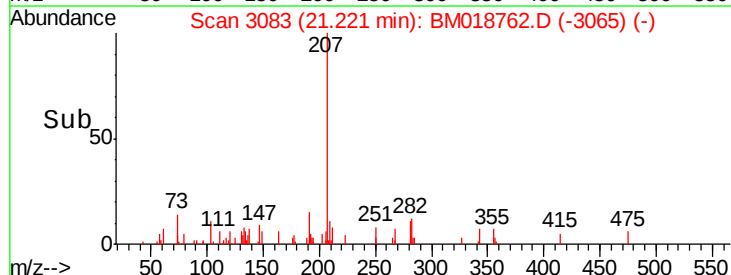
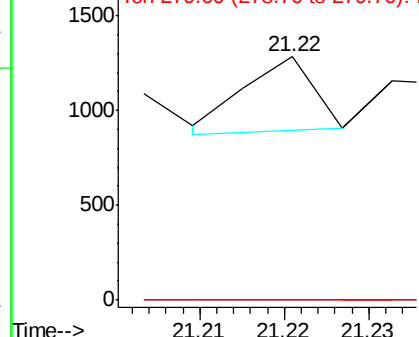


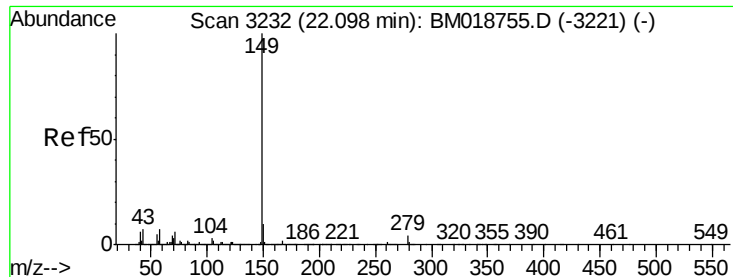
Abundance

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

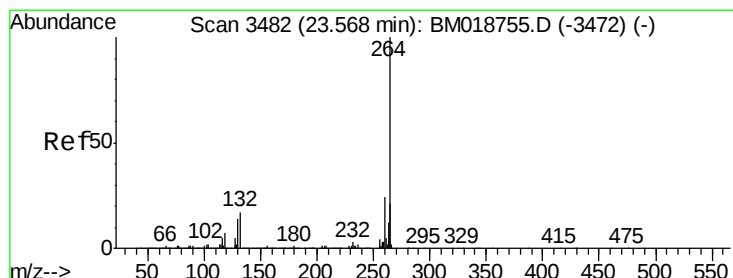
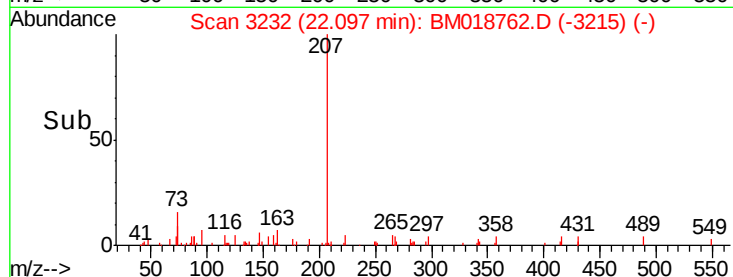
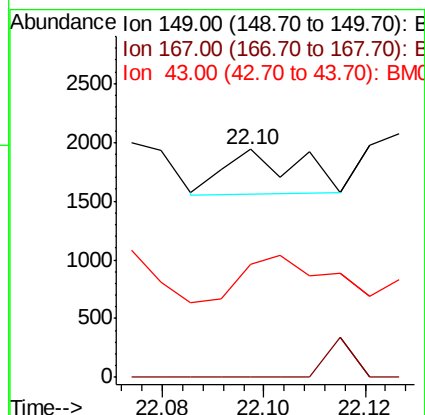
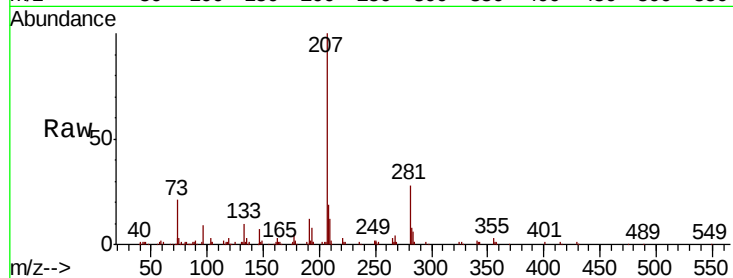




#85
Di-n-octyl phthalate
Concen: 0.005 ng
RT: 22.10 min Scan# 3232
Delta R.T. -0.00 min
Lab File: BM018762.D
Acq: 11 Feb 2019 17:53

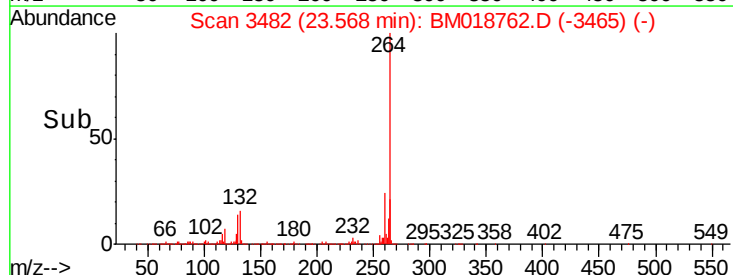
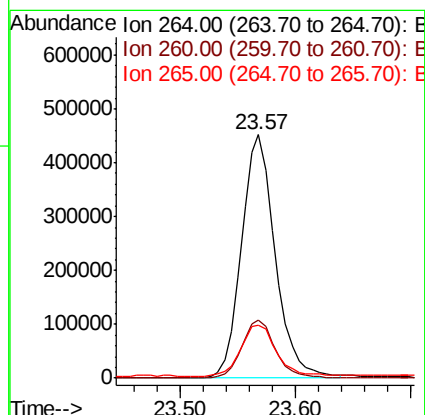
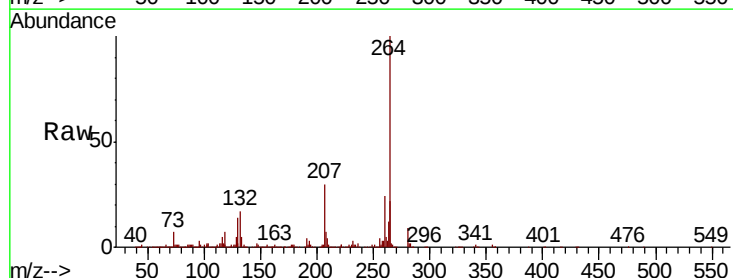
Instrument :
BNA_M
ClientSampleId :
PB116995BL

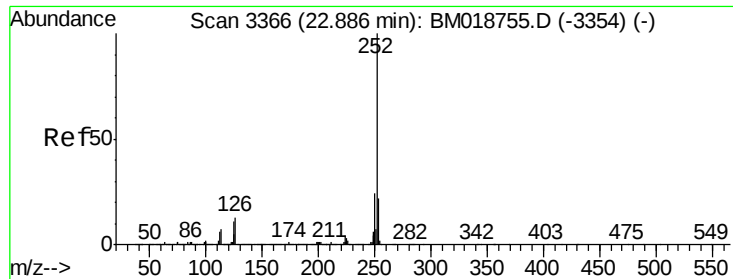
Tgt Ion:149 Resp: 395
Ion Ratio Lower Upper
149 100
167 30.4 1.3 1.9#
43 116.2 6.0 9.0#



#87
Perylene-d12
Concen: 20.000 ng
RT: 23.57 min Scan# 3482
Delta R.T. -0.00 min
Lab File: BM018762.D
Acq: 11 Feb 2019 17:53

Tgt Ion:264 Resp: 916805
Ion Ratio Lower Upper
264 100
260 23.8 18.9 28.3
265 21.8 17.3 25.9





#88

Benzo(b)fluoranthene

Concen: 0.004 ng

RT: 22.88 min Scan# 3365

Delta R.T. -0.01 min

Lab File: BM018762.D

Acq: 11 Feb 2019 17:53

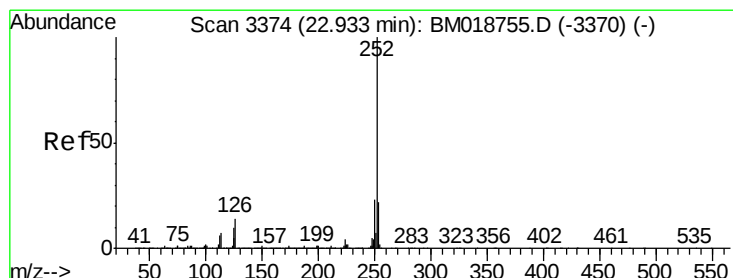
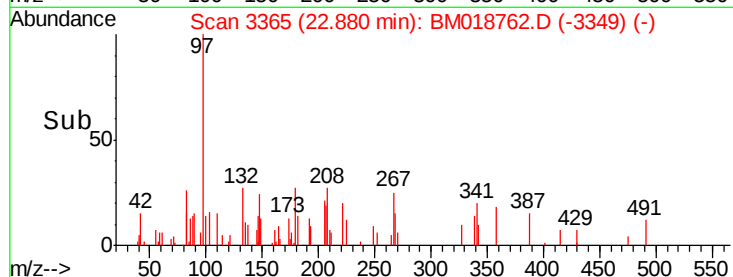
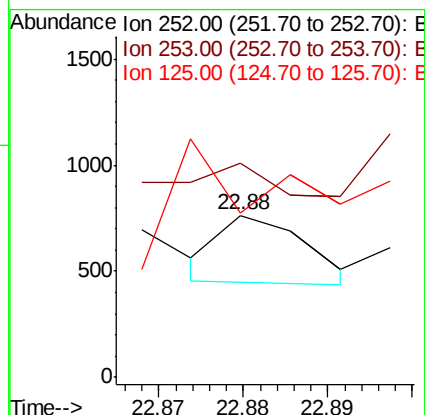
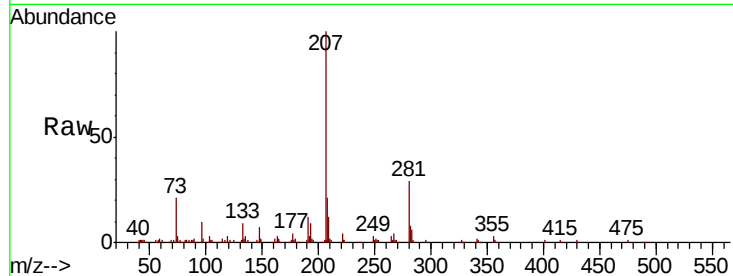
Instrument :

BNA_M

ClientSampleId :

PB116995BL

Tgt Ion:	252	Resp:	222
Ion Ratio	Lower	Upper	
252	100		
253	132.2	17.8	26.6#
125	101.4	8.6	12.8#



#89

Benzo(k)fluoranthene

Concen: 0.013 ng

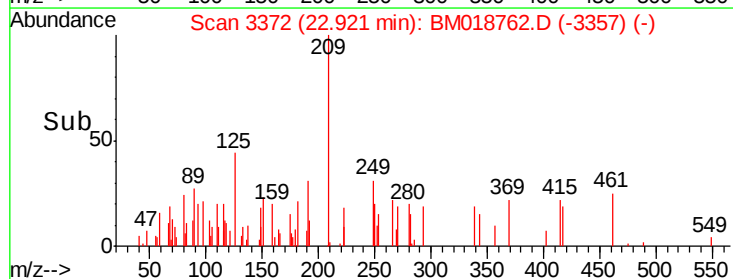
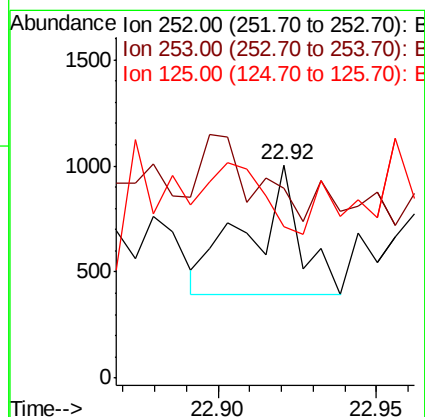
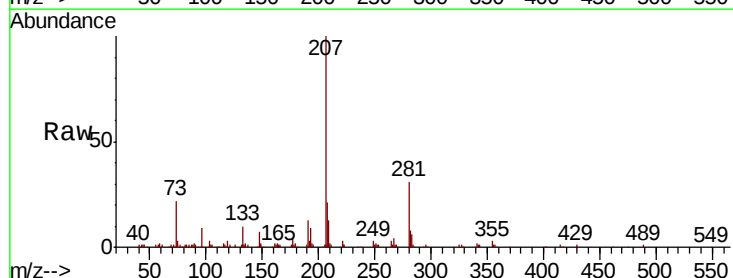
RT: 22.92 min Scan# 3372

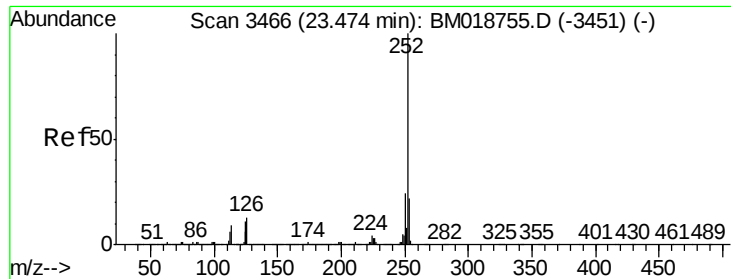
Delta R.T. -0.01 min

Lab File: BM018762.D

Acq: 11 Feb 2019 17:53

Tgt Ion:	252	Resp:	691
Ion Ratio	Lower	Upper	
252	100		
253	89.2	17.7	26.5#
125	108.8	8.2	12.4#





#90

Benzo(a)pyrene

Concen: 0.011 ng

RT: 23.48 min Scan# 3467

Delta R.T. 0.01 min

Lab File: BM018762.D

Acq: 11 Feb 2019 17:53

Instrument :

BNA_M

ClientSampleId :

PB116995BL

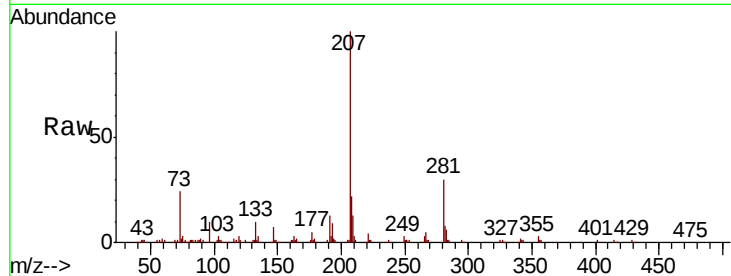
Tgt Ion: 252 Resp: 559

Ion Ratio Lower Upper

252 100

253 78.4 17.4 26.0#

125 118.9 8.6 13.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

