

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021319\
 Data File : BM018816.D
 Acq On : 13 Feb 2019 23:52
 Operator : JU/SJ
 Sample : PB117091TB
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB117091TB

Quant Time: Feb 14 00:54:21 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	7.71	152	299373	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1183979	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	647167	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1456089	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1130746	20.00	ng	0.00
87) Perylene-d12	23.56	264	935854	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2221863	121.60	ng	0.00
7) Phenol-d6	6.89	99	2974496	115.56	ng	0.00
23) Nitrobenzene-d5	8.88	82	1906063	74.44	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	952296	102.08	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	3779955	77.53	ng	0.00
79) Terphenyl-d14	19.74	244	5308981	96.86	ng	0.00

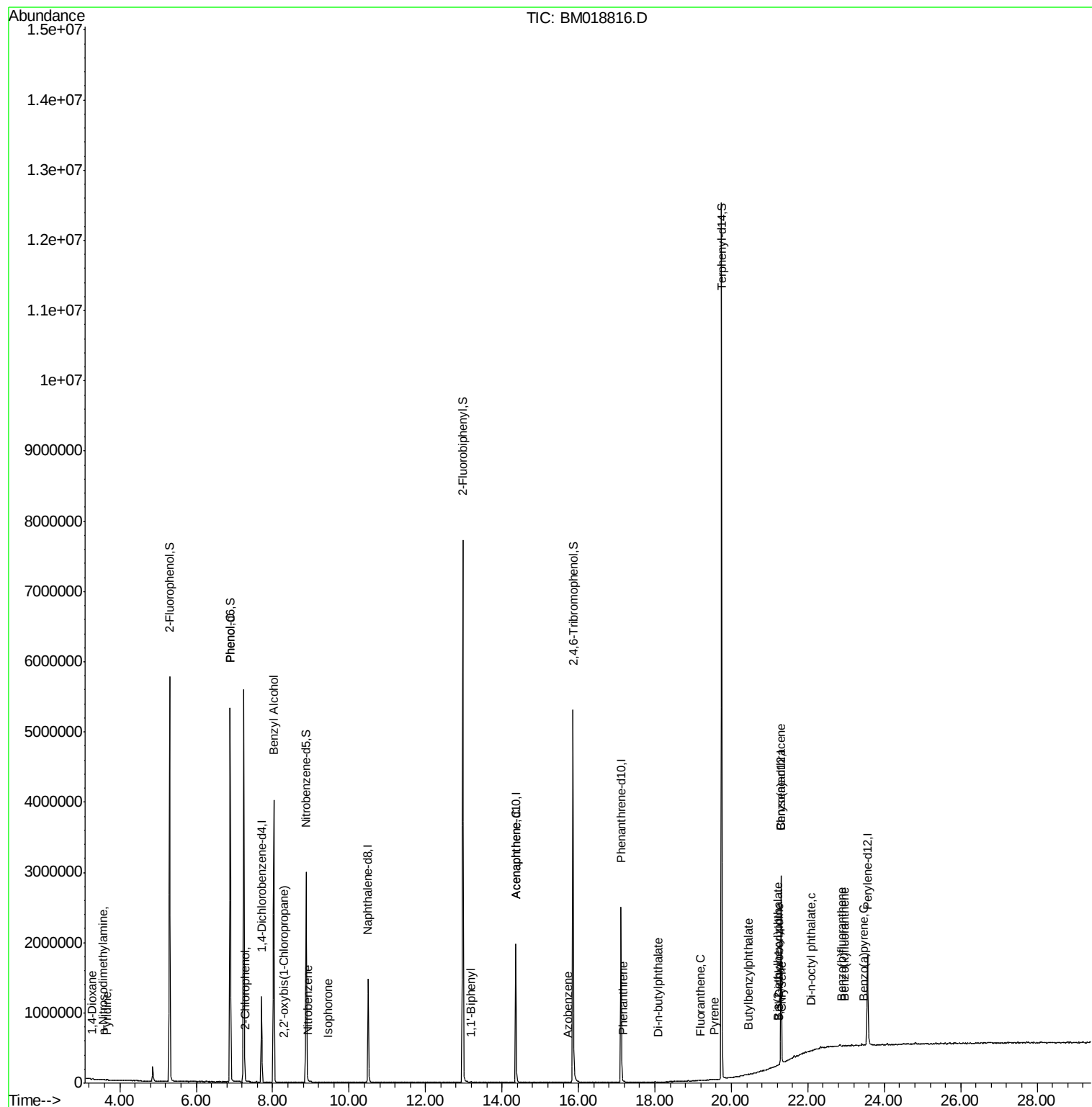
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.27	88	185	0.023	ng	# 1
3) Pyridine	3.65	79	108	0.005	ng	# 1
4) n-Nitrosodimethylamine	3.55	42	135	0.024	ng	# 1
8) 2-Chlorophenol	7.28	128	598	0.030	ng	# 1
9) Benzaldehyde	6.89	77	5992	Below Cal		# 7
10) Phenol	6.89	94	259	0.010	ng	# 1
15) Benzyl Alcohol	8.02	79	28447	1.391	ng	# 51
16) 2,2'-oxybis(1-Chloropropan	8.29	45	106	0.005	ng	# 1
24) Nitrobenzene	8.93	77	283	0.011	ng	# 44
25) Isophorone	9.45	82	383	0.009	ng	# 68
46) 1,1'-Biphenyl	13.20	154	5941	0.107	ng	# 84
52) Acenaphthene	14.36	154	2404	0.061	ng	# 4
63) Azobenzene	15.72	77	142	0.002	ng	# 57
71) Phenanthrene	17.16	178	246	0.003	ng	# 60
74) Di-n-butylphthalate	18.09	149	1211	0.013	ng	# 78
75) Fluoranthene	19.19	202	246	0.003	ng	# 64
78) Pyrene	19.55	202	120	0.002	ng	# 57
80) Butylbenzylphthalate	20.44	149	1302	0.044	ng	# 77
81) Benzo(a)anthracene	21.30	228	3288	0.050	ng	# 57
82) 3,3'-Dichlorobenzidine	21.23	252	113	0.004	ng	# 26
83) Chrysene	21.33	228	753	0.012	ng	# 49
84) Bis(2-ethylhexyl)phthalate	21.20	149	729	0.017	ng	# 53
85) Di-n-octyl phthalate	22.07	149	268	0.004	ng	# 1
88) Benzo(b)fluoranthene	22.89	252	521	0.010	ng	# 1
89) Benzo(k)fluoranthene	22.95	252	261	0.005	ng	# 1
90) Benzo(a)pyrene	23.46	252	377	0.007	ng	# 1

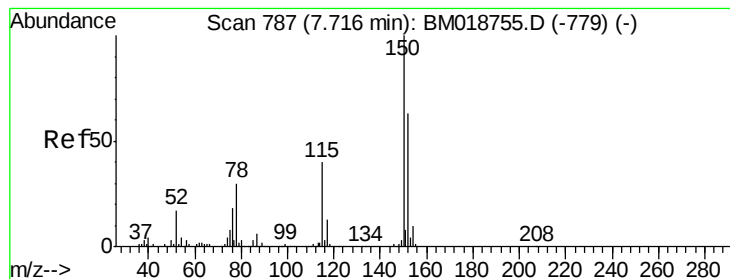
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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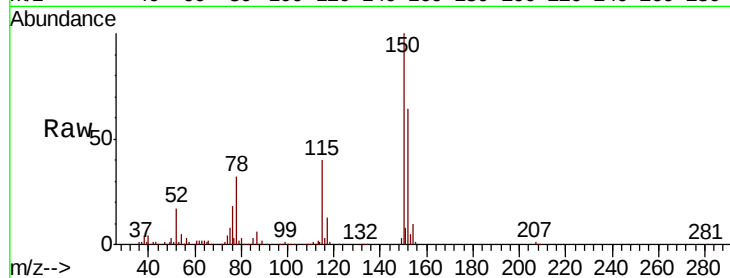


#1

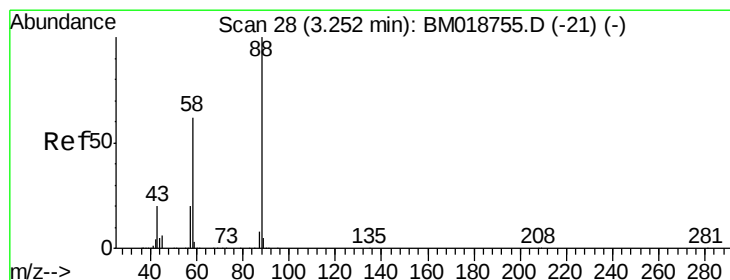
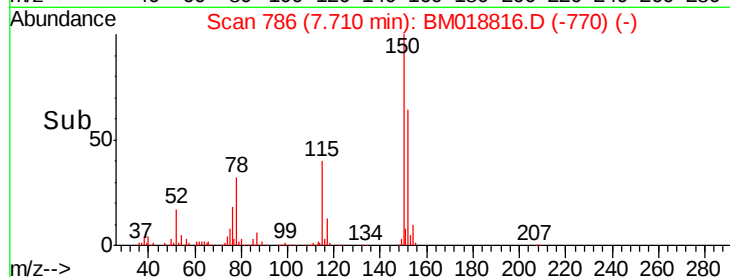
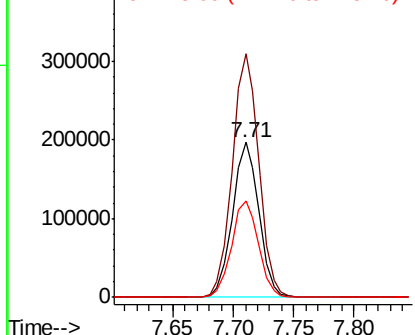
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Instrument :
BNA_M
ClientSampleId :
PB117091TB

Tgt Ion:152 Resp: 299373
Ion Ratio Lower Upper
152 100
150 157.2 127.3 190.9
115 62.5 50.8 76.2



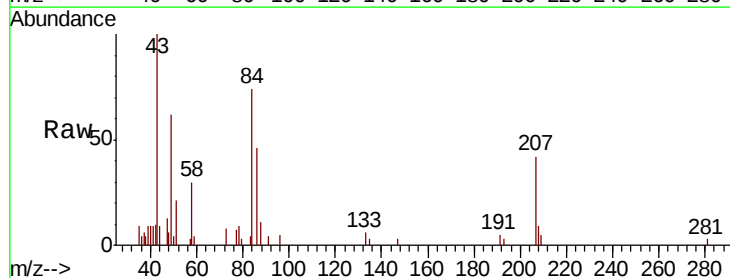
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



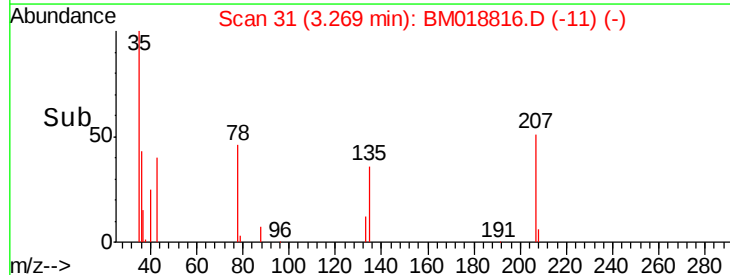
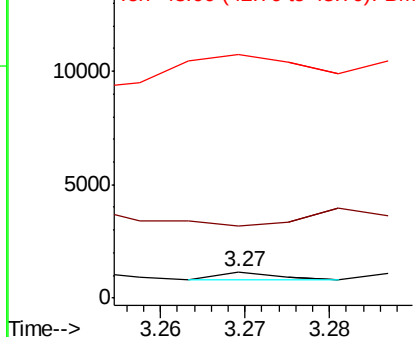
#2

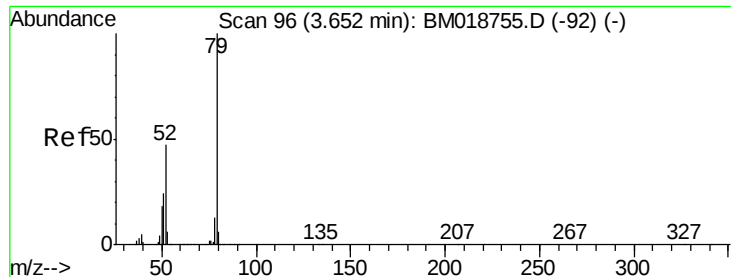
1,4-Dioxane
Concen: 0.023 ng
RT: 3.27 min Scan# 31
Delta R.T. 0.02 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Tgt Ion: 88 Resp: 185
Ion Ratio Lower Upper
88 100
58 336.8 49.8 74.6#
43 1375.1 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: 3.65 min Scan# 96

Delta R.T. -0.00 min

Lab File: BM018816.D

Acq: 13 Feb 2019 23:52

Instrument :

BNA_M

ClientSampleId :

PB117091TB

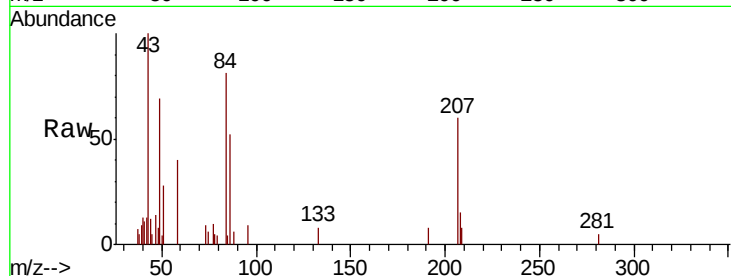
Tgt Ion: 79 Resp: 108

Ion Ratio Lower Upper

79 100

52 0.0 37.6 56.4#

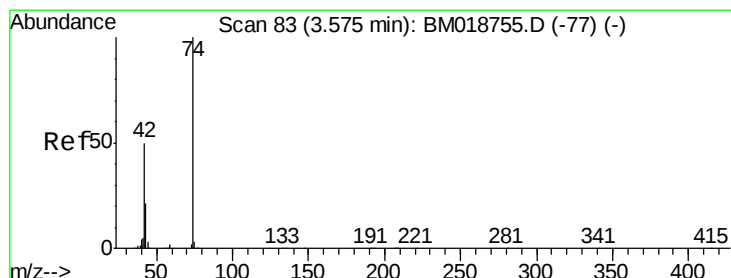
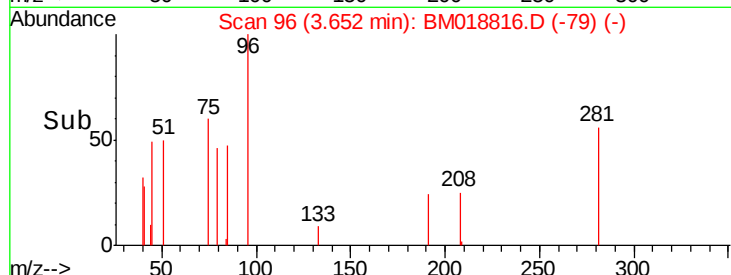
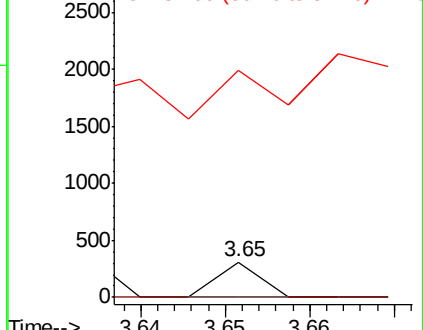
51 648.2 19.7 29.5#



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: 0.024 ng

RT: 3.55 min Scan# 79

Delta R.T. -0.02 min

Lab File: BM018816.D

Acq: 13 Feb 2019 23:52

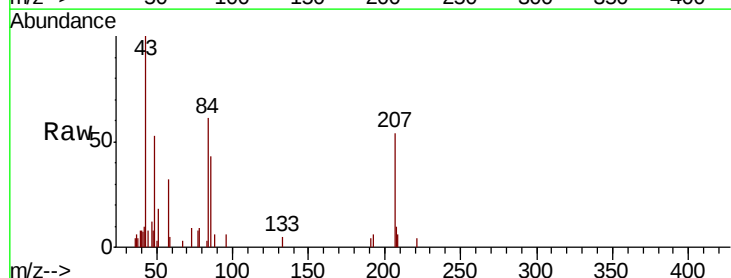
Tgt Ion: 42 Resp: 135

Ion Ratio Lower Upper

42 100

74 0.0 158.1 237.1#

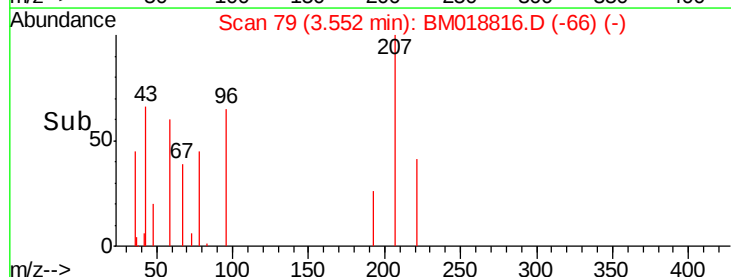
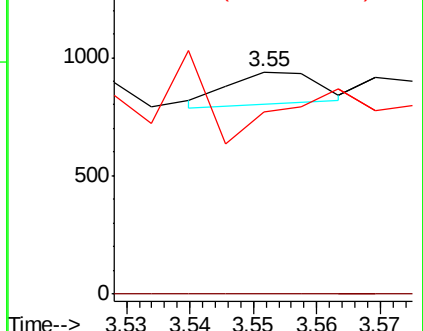
44 81.8 4.9 7.3#

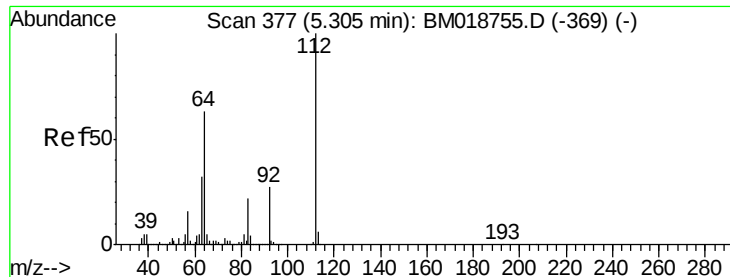


Abundance Ion 42.00 (41.70 to 42.70): BM018755.D (-77) (-)

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: 121.603 ng

RT: 5.30 min Scan# 377

Delta R.T. -0.00 min

Lab File: BM018816.D

Acq: 13 Feb 2019 23:52

Instrument :

BNA_M

ClientSampleId :

PB117091TB

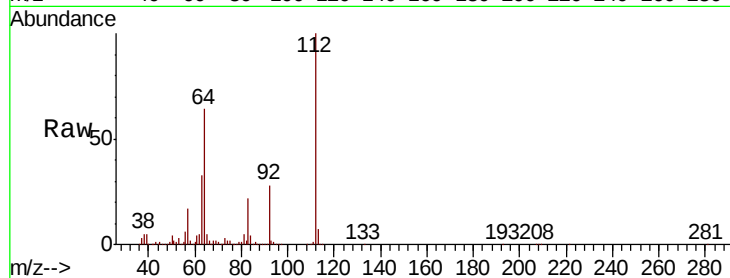
Tgt Ion: 112 Resp: 2221863

Ion Ratio Lower Upper

112 100

64 64.0 50.6 75.8

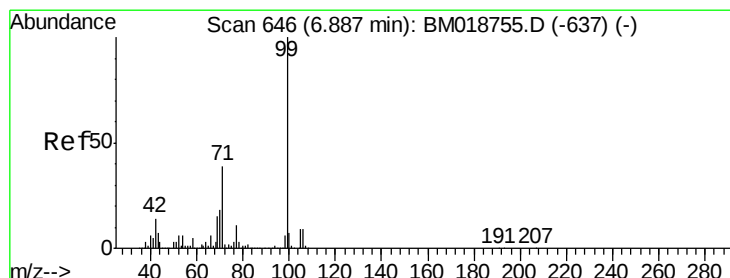
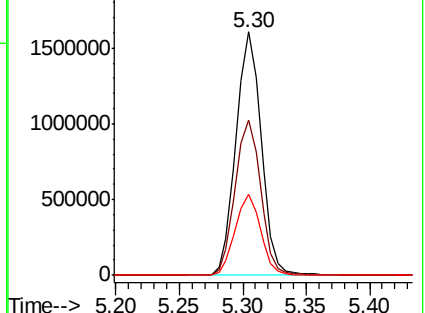
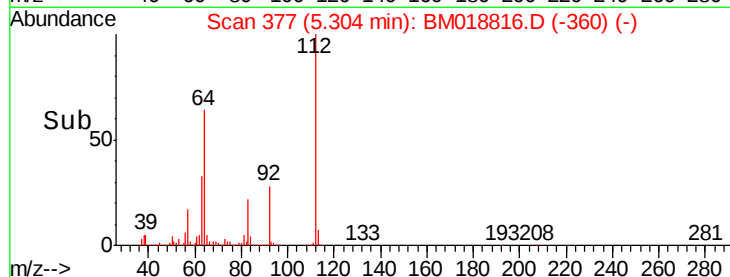
63 33.0 25.7 38.5



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



#7

Phenol-d6

Concen: 115.559 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.00 min

Lab File: BM018816.D

Acq: 13 Feb 2019 23:52

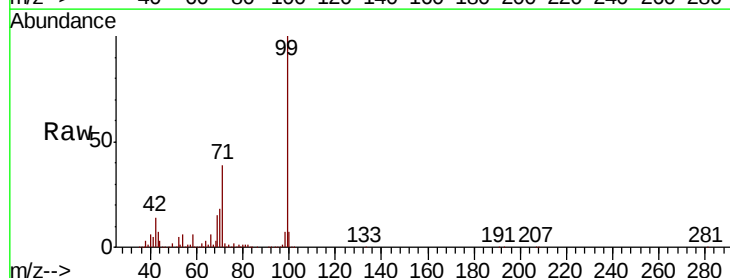
Tgt Ion: 99 Resp: 2974496

Ion Ratio Lower Upper

99 100

42 14.1 11.0 16.6

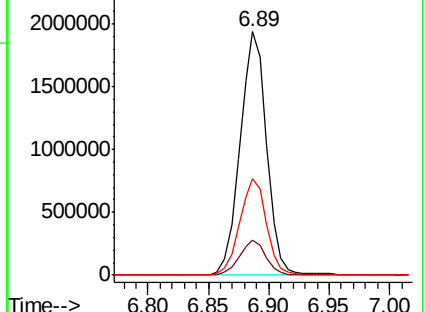
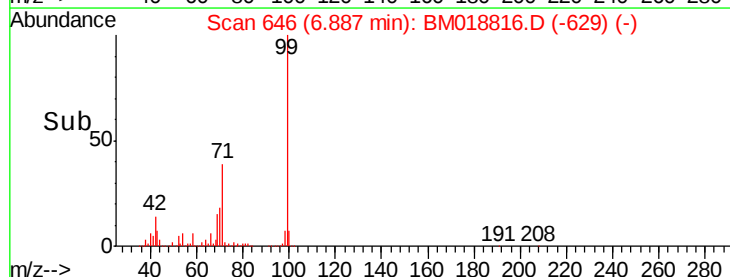
71 39.4 31.3 46.9

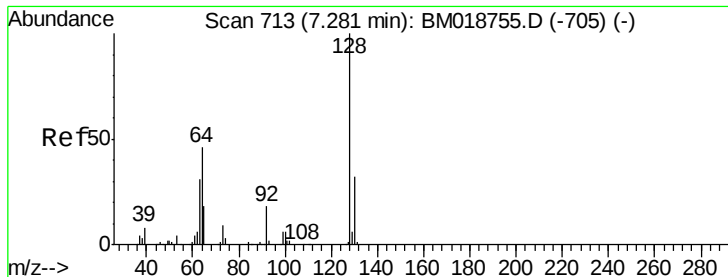


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#8

2-Chlorophenol

Concen: 0.030 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BM018816.D

Acq: 13 Feb 2019 23:52

Instrument :

BNA_M

ClientSampleId :

PB117091TB

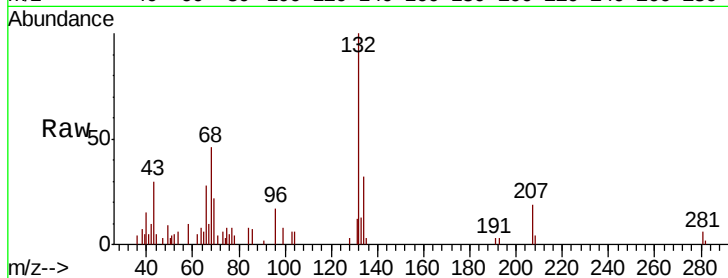
Tgt Ion:128 Resp: 598

Ion Ratio Lower Upper

128 100

130 0.0 11.7 51.7#

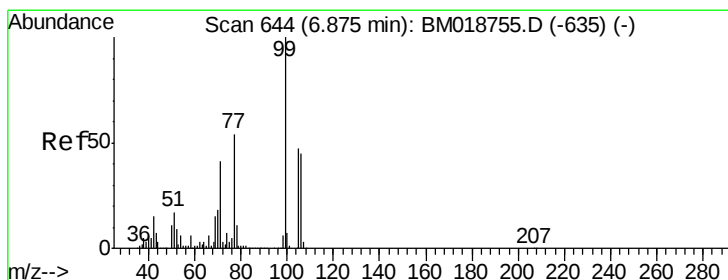
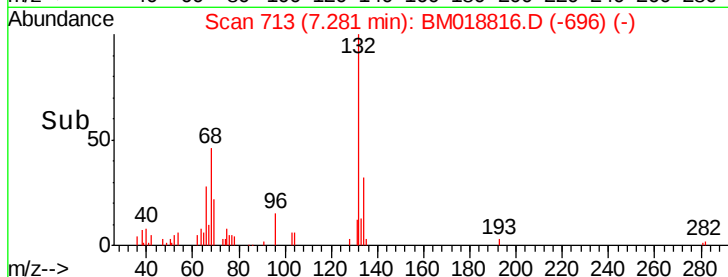
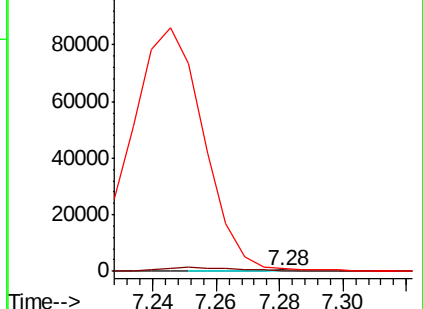
64 245.6 31.0 71.0#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BM



#9

Benzaldehyde

Concen: Below Cal

RT: 6.89 min Scan# 646

Delta R.T. 0.01 min

Lab File: BM018816.D

Acq: 13 Feb 2019 23:52

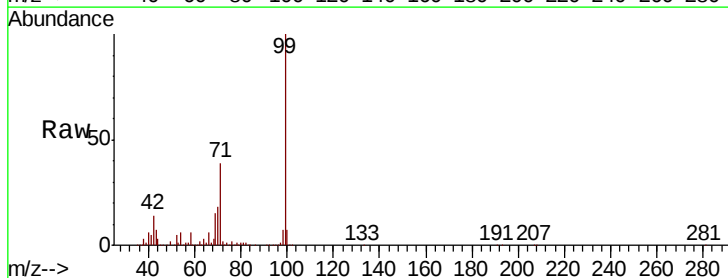
Tgt Ion: 77 Resp: 5992

Ion Ratio Lower Upper

77 100

105 0.0 67.3 107.3#

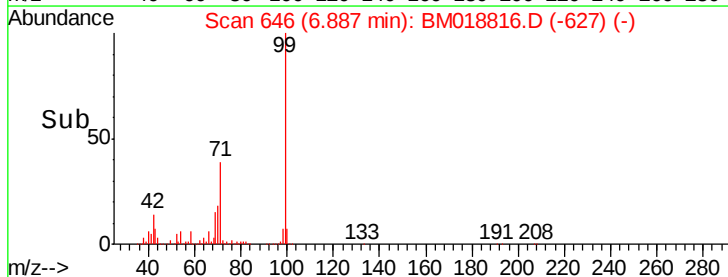
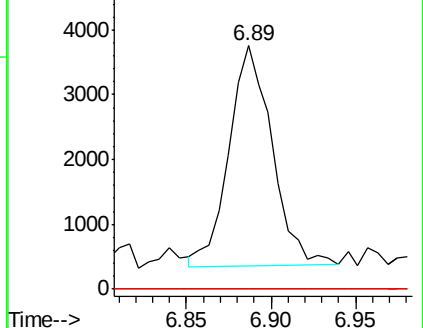
106 0.0 62.9 102.9#

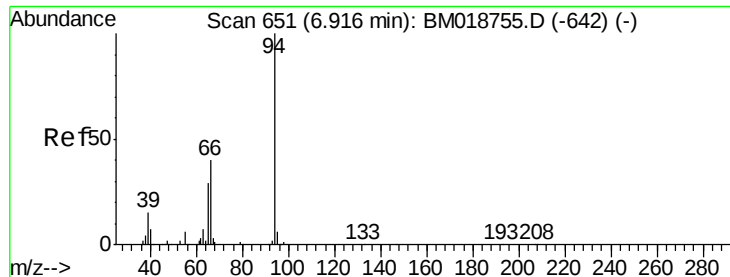


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.010 ng

RT: 6.89 min Scan# 647

Delta R.T. -0.02 min

Lab File: BM018816.D

Acq: 13 Feb 2019 23:52

Instrument :

BNA_M

ClientSampleId :

PB117091TB

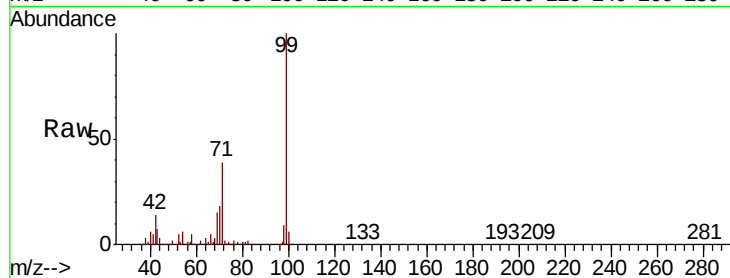
Tgt Ion: 94 Resp: 259

Ion Ratio Lower Upper

94 100

65 4389.7 9.6 49.6#

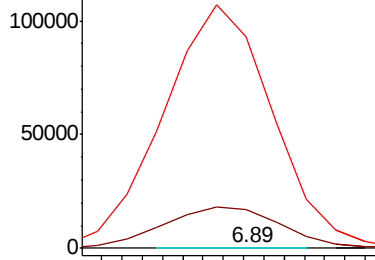
66 23926.2 20.4 60.4#



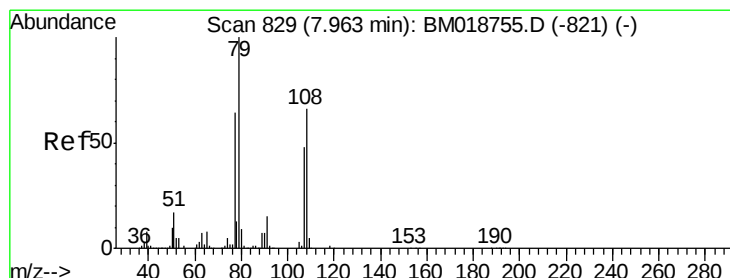
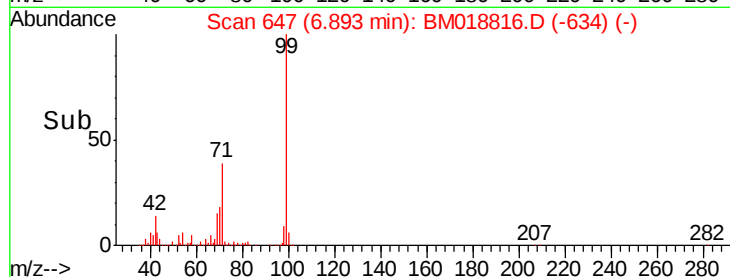
Abundance Ion 94.00 (93.70 to 94.70): BM018816.D (-634) (-)

Ion 65.00 (64.70 to 65.70): BM018816.D (-634) (-)

Ion 66.00 (65.70 to 66.70): BM018816.D (-634) (-)



Time-->



#15

Benzyl Alcohol

Concen: 1.391 ng

RT: 8.02 min Scan# 839

Delta R.T. 0.06 min

Lab File: BM018816.D

Acq: 13 Feb 2019 23:52

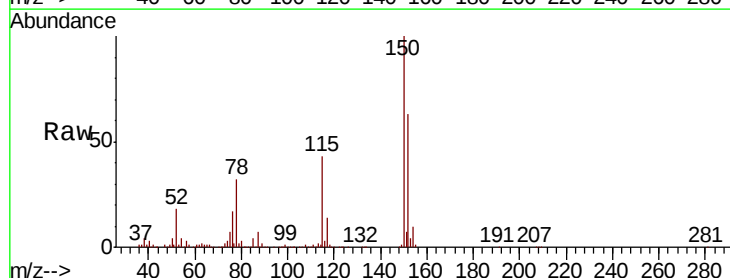
Tgt Ion: 79 Resp: 28447

Ion Ratio Lower Upper

79 100

108 29.2 52.7 79.1#

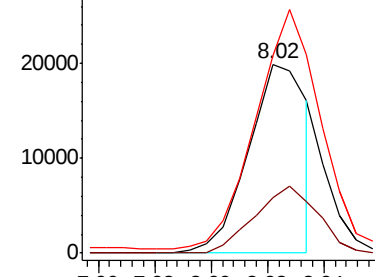
77 104.7 51.0 76.4#



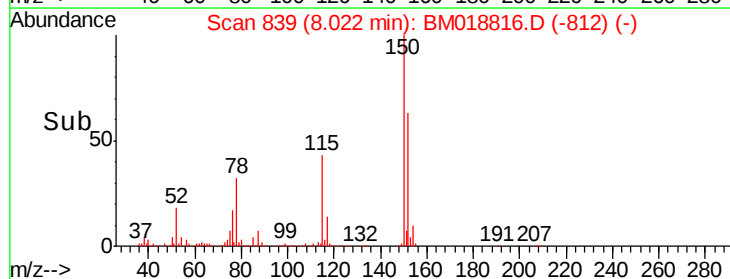
Abundance Ion 79.00 (78.70 to 79.70): BM018816.D (-812) (-)

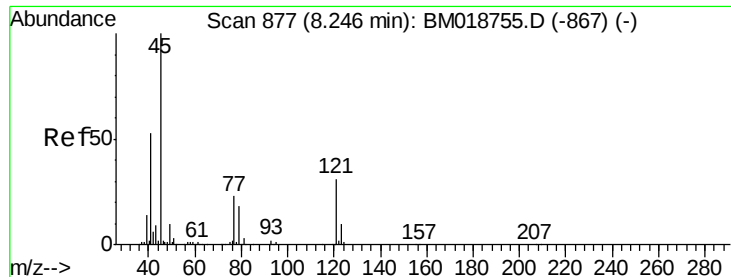
Ion 108.00 (107.70 to 108.70): BM018816.D (-812) (-)

Ion 77.00 (76.70 to 77.70): BM018816.D (-812) (-)



Time-->

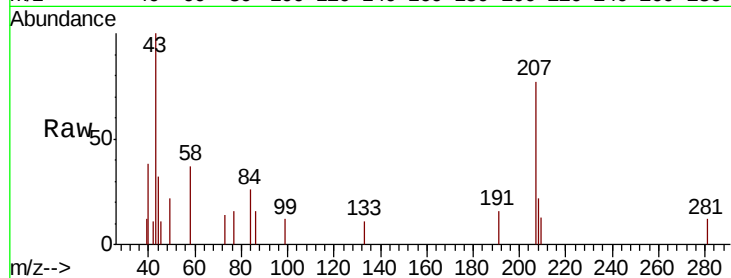




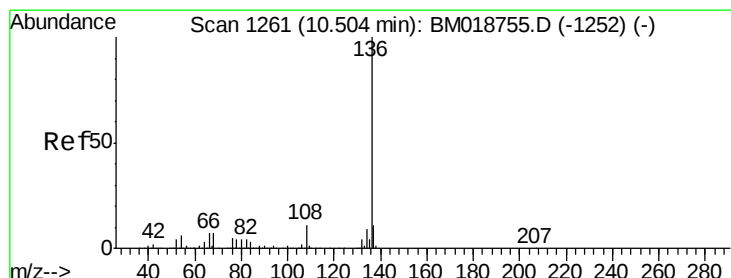
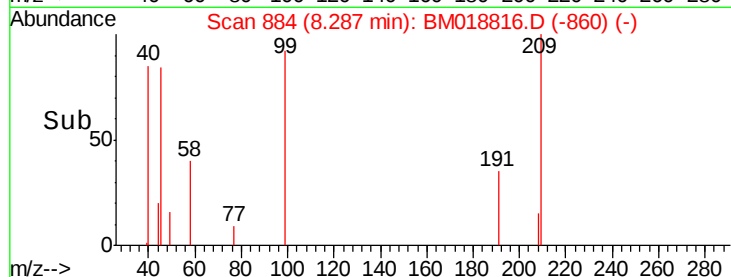
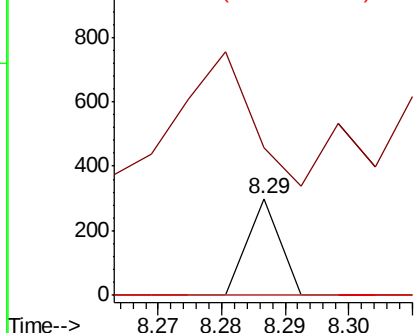
#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 0.005 ng
 RT: 8.29 min Scan# 884
 Delta R.T. 0.04 min
 Lab File: BM018816.D
 Acq: 13 Feb 2019 23:52

Instrument :
 BNA_M
 ClientSampleId :
 PB117091TB

Tgt Ion: 45 Resp: 106
 Ion Ratio Lower Upper
 45 100
 77 152.3 5.0 45.0#
 79 0.0 0.0 39.3

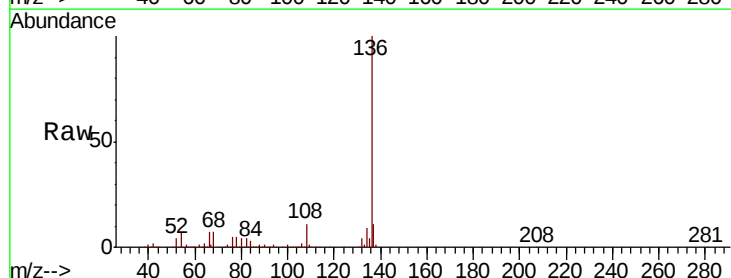


Abundance Ion 45.00 (44.70 to 45.70): BM0
 Ion 77.00 (76.70 to 77.70): BM0
 Ion 79.00 (78.70 to 79.70): BM0

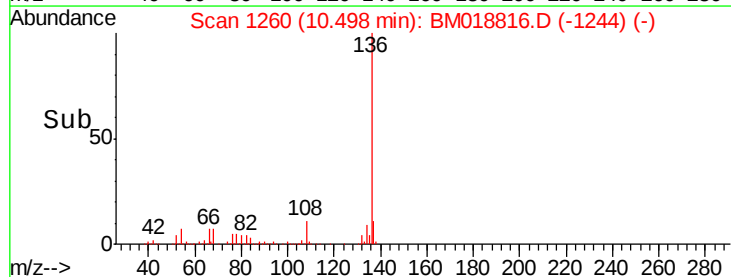
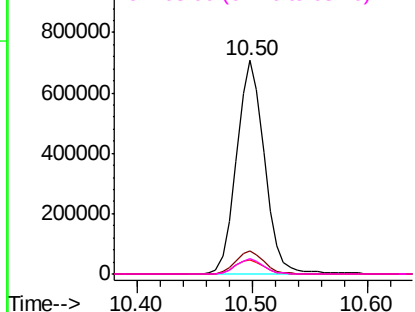


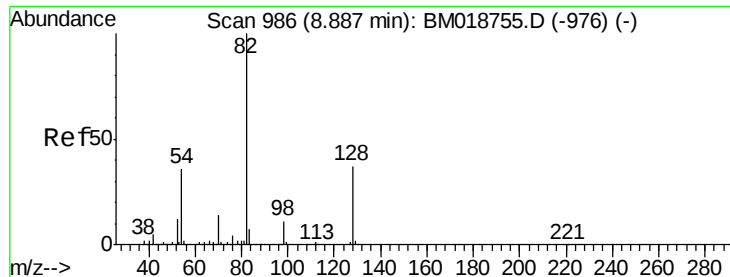
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.50 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BM018816.D
 Acq: 13 Feb 2019 23:52

Tgt Ion: 136 Resp: 1183979
 Ion Ratio Lower Upper
 136 100
 137 10.5 8.8 13.2
 54 6.8 5.0 7.6
 68 7.1 5.5 8.3



Abundance Ion 136.00 (135.70 to 136.70): E
 Ion 137.00 (136.70 to 137.70): E
 Ion 54.00 (53.70 to 54.70): BM0
 Ion 68.00 (67.70 to 68.70): BM0





#23

Nitrobenzene-d5

Concen: 74.439 ng

RT: 8.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BM018816.D

Acq: 13 Feb 2019 23:52

Instrument :

BNA_M

ClientSampleId :

PB117091TB

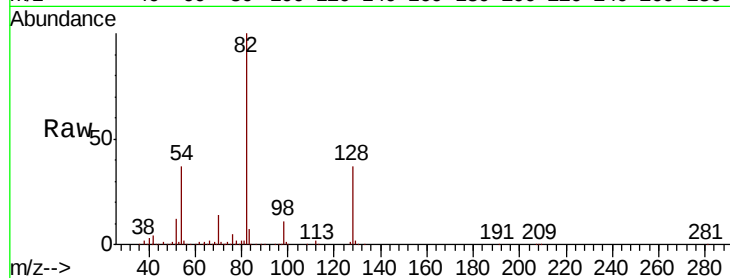
Tgt Ion: 82 Resp: 1906063

Ion Ratio Lower Upper

82 100

128 37.4 29.9 44.9

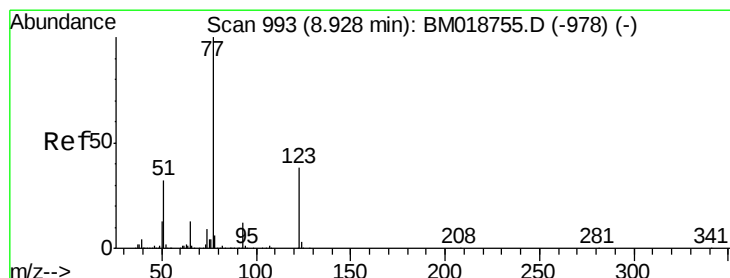
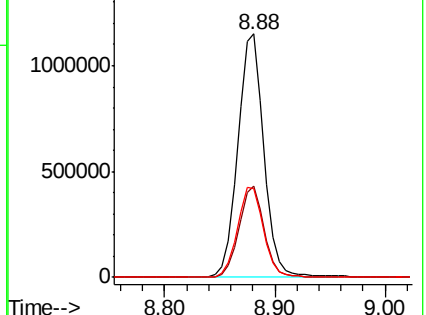
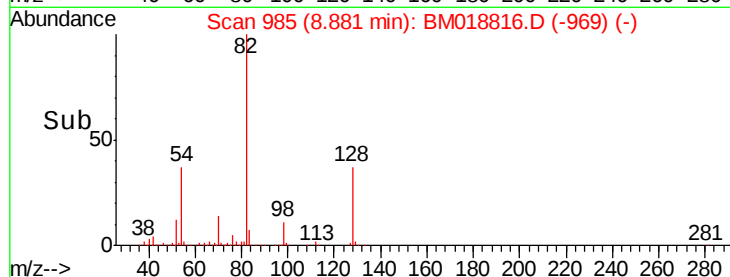
54 36.6 29.1 43.7



Abundance Ion 82.00 (81.70 to 82.70): BM018816.D (-969) (-)

Ion 128.00 (127.70 to 128.70): BM018816.D (-969) (-)

Ion 54.00 (53.70 to 54.70): BM018816.D (-969) (-)



#24

Nitrobenzene

Concen: 0.011 ng

RT: 8.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: BM018816.D

Acq: 13 Feb 2019 23:52

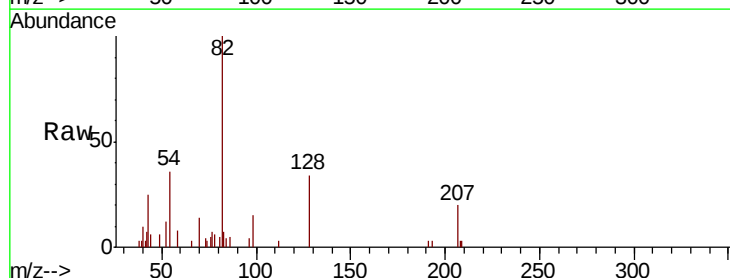
Tgt Ion: 77 Resp: 283

Ion Ratio Lower Upper

77 100

123 0.0 30.7 46.1#

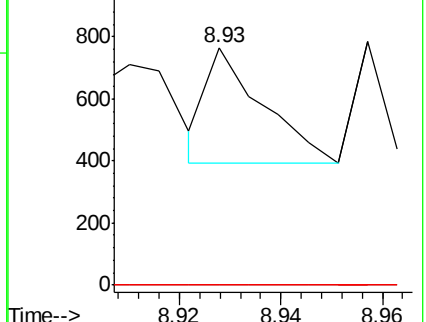
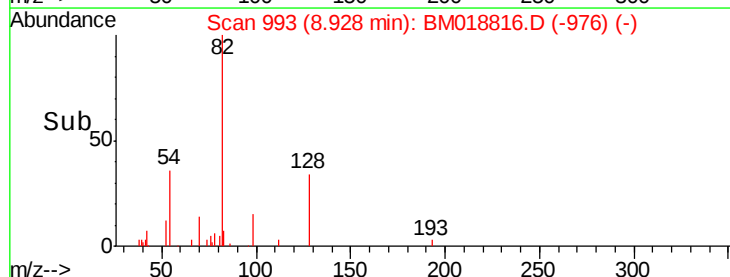
65 0.0 10.5 15.7#

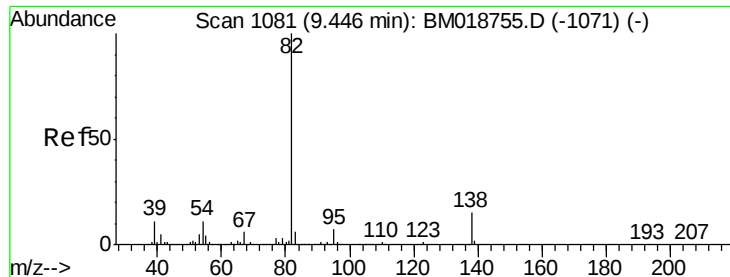


Abundance Ion 77.00 (76.70 to 77.70): BM018816.D (-976) (-)

Ion 123.00 (122.70 to 123.70): BM018816.D (-976) (-)

Ion 65.00 (64.70 to 65.70): BM018816.D (-976) (-)





#25

Isophorone

Concen: 0.009 ng

RT: 9.45 min Scan# 1082

Delta R.T. 0.01 min

Lab File: BM018816.D

Acq: 13 Feb 2019 23:52

Instrument :

BNA_M

ClientSampleId :

PB117091TB

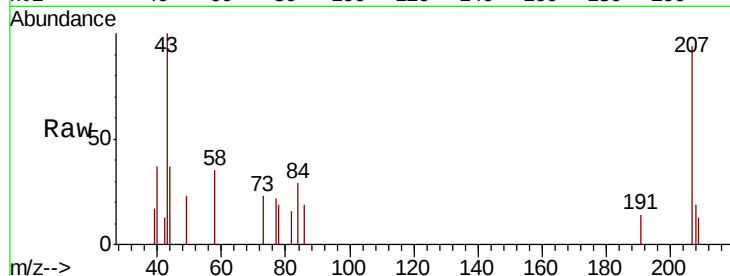
Tgt Ion: 82 Resp: 383

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 12.3 18.5#

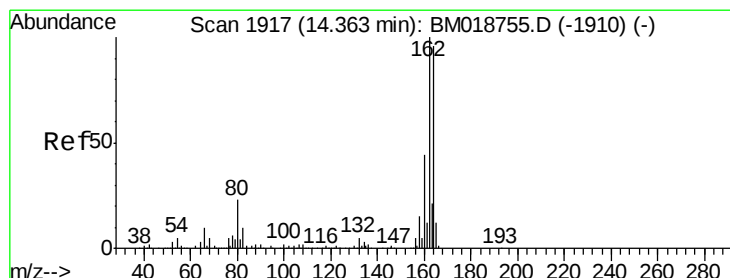
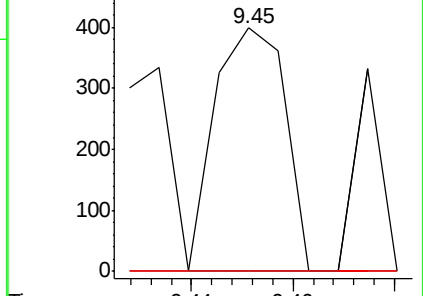
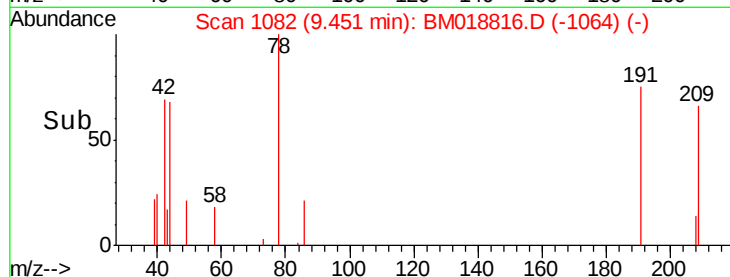


Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-1071) (-)

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# 1916

Delta R.T. -0.01 min

Lab File: BM018816.D

Acq: 13 Feb 2019 23:52

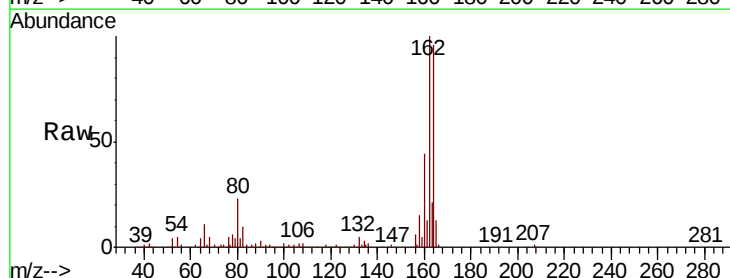
Tgt Ion: 164 Resp: 647167

Ion Ratio Lower Upper

164 100

162 104.6 83.4 125.0

160 46.3 36.6 55.0

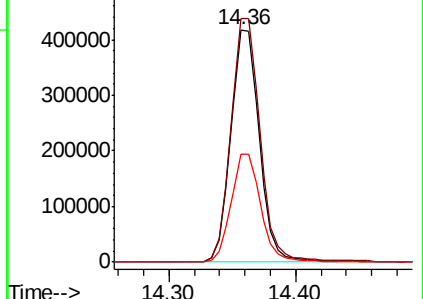
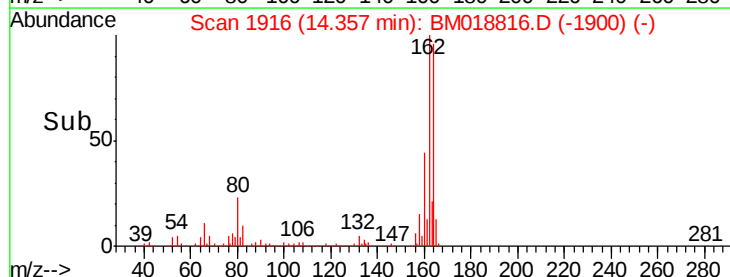


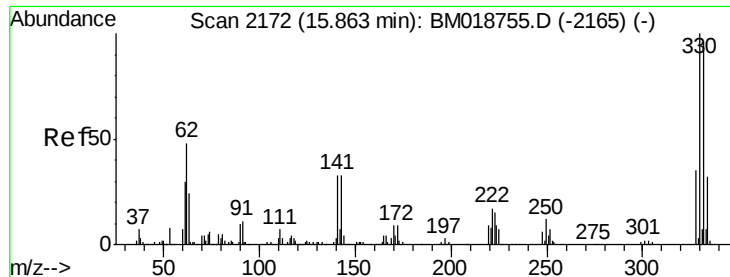
Abundance Ion 164.00 (163.70 to 164.70): BM018755.D (-1910) (-)

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: 102.082 ng

RT: 15.86 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BM018816.D

Acq: 13 Feb 2019 23:52

Instrument :

BNA_M

ClientSampleId :

PB117091TB

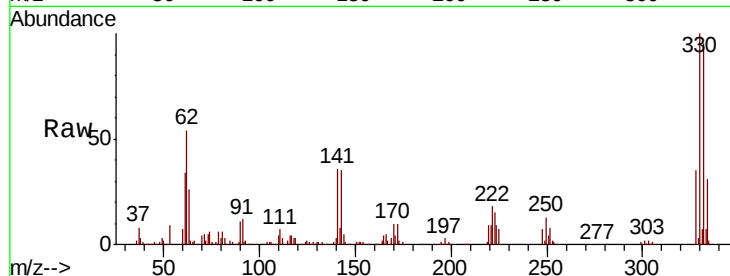
Tgt Ion:330 Resp: 952296

Ion Ratio Lower Upper

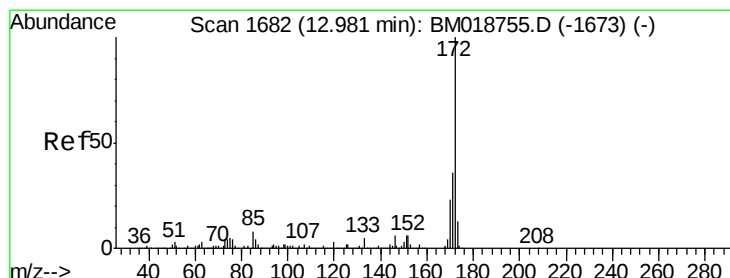
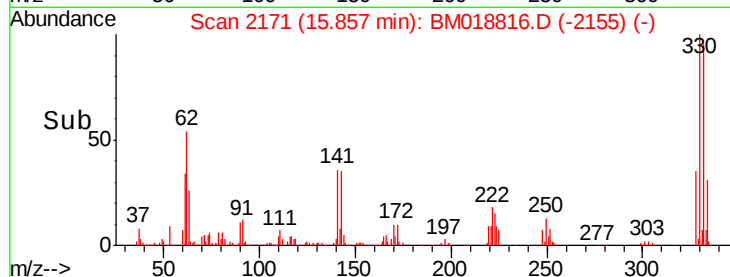
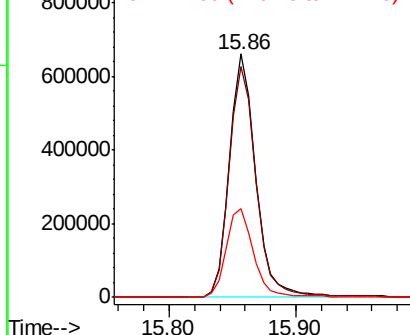
330 100

332 96.7 76.9 115.3

141 38.0 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: 77.535 ng

RT: 12.97 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BM018816.D

Acq: 13 Feb 2019 23:52

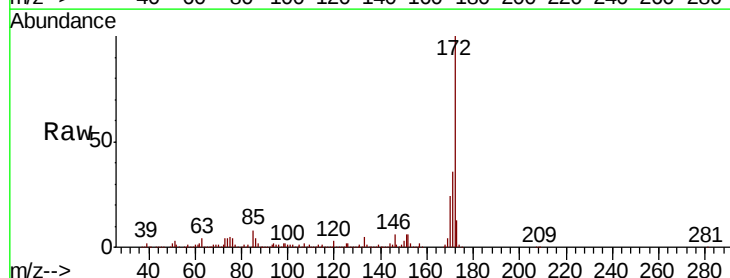
Tgt Ion:172 Resp: 3779955

Ion Ratio Lower Upper

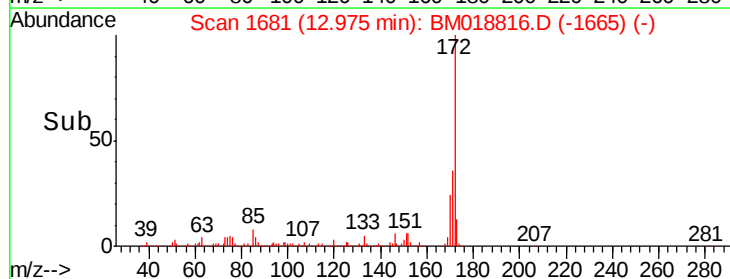
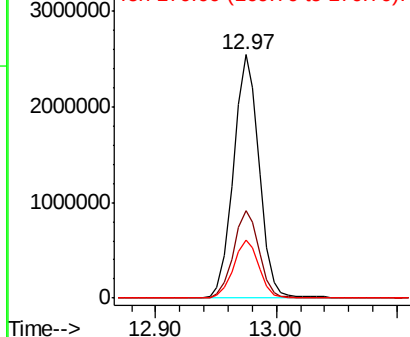
172 100

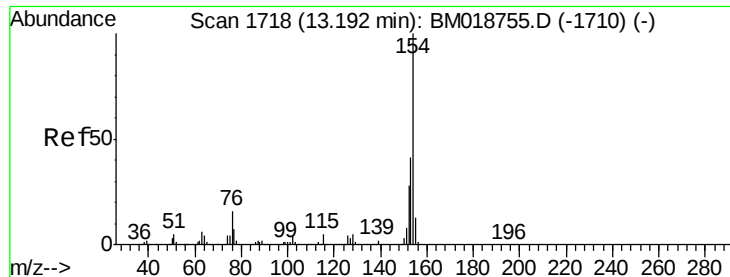
171 36.0 29.0 43.6

170 23.8 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

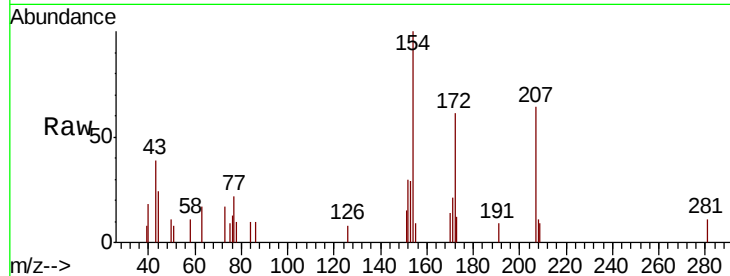




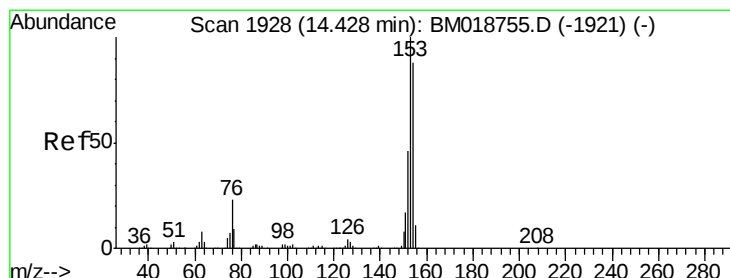
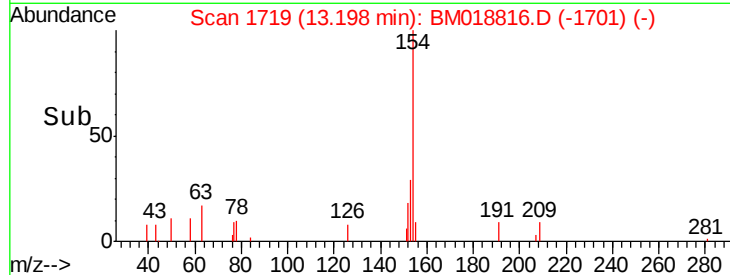
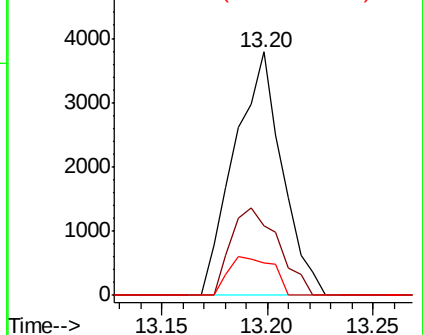
#46
 1,1'-Biphenyl
 Concen: 0.107 ng
 RT: 13.20 min Scan# 1719
 Delta R.T. 0.01 min
 Lab File: BM018816.D
 Acq: 13 Feb 2019 23:52

Instrument :
 BNA_M
 ClientSampleId :
 PB117091TB

Tgt Ion:154 Resp: 5941
 Ion Ratio Lower Upper
 154 100
 153 28.6 21.1 61.1
 76 13.2 0.0 35.7

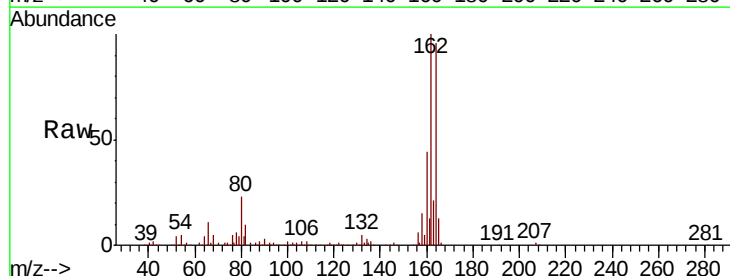


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

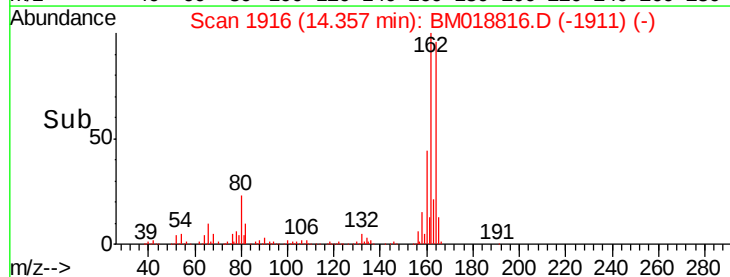
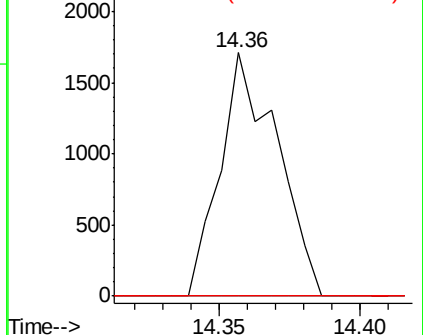


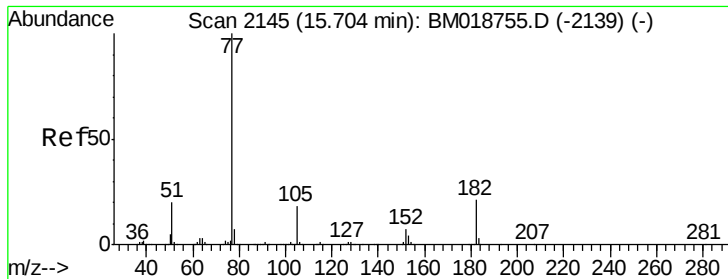
#52
 Acenaphthene
 Concen: 0.061 ng
 RT: 14.36 min Scan# 1916
 Delta R.T. -0.07 min
 Lab File: BM018816.D
 Acq: 13 Feb 2019 23:52

Tgt Ion:154 Resp: 2404
 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

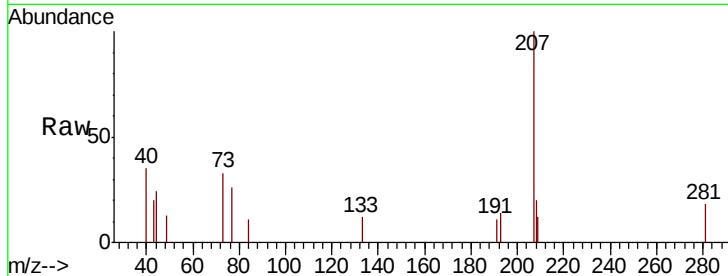




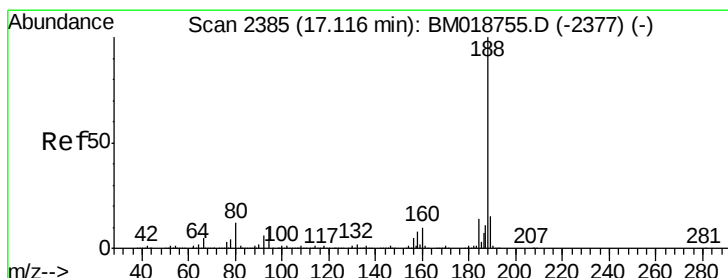
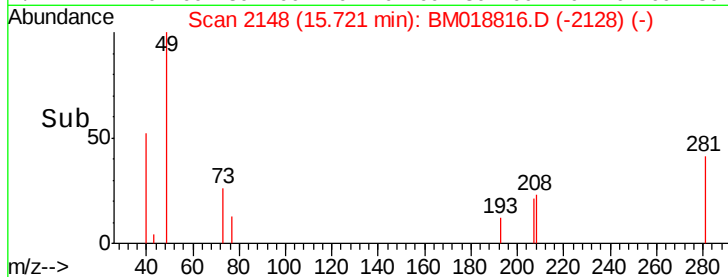
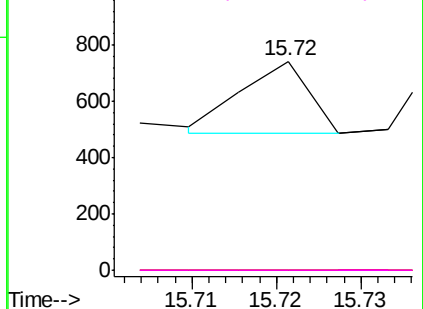
#63
Azobenzene
Concen: 0.002 ng
RT: 15.72 min Scan# 2148
Delta R.T. 0.02 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Instrument :
BNA_M
ClientSampleId :
PB117091TB

Tgt Ion:	77	Resp:	142
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#

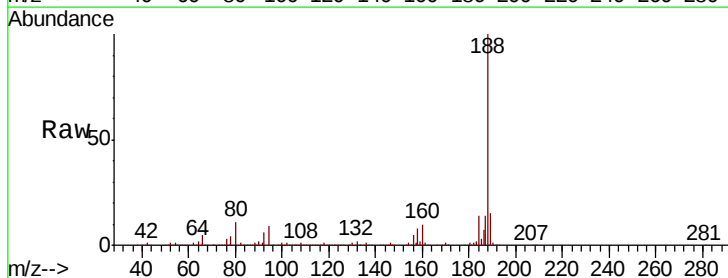


Abundance Ion 77.00 (76.70 to 77.70): BM018755.D (-2139) (-)
Ion 182.00 (181.70 to 182.70): BM018755.D (-2139) (-)
Ion 105.00 (104.70 to 105.70): BM018755.D (-2139) (-)
Ion 51.00 (50.70 to 51.70): BM018755.D (-2139) (-)

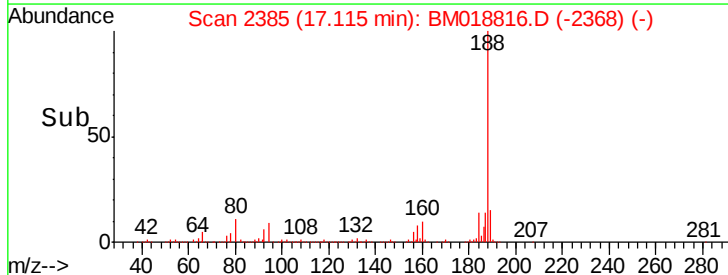
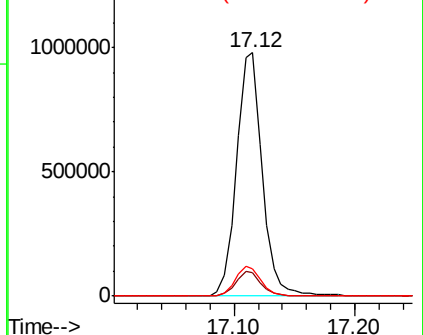


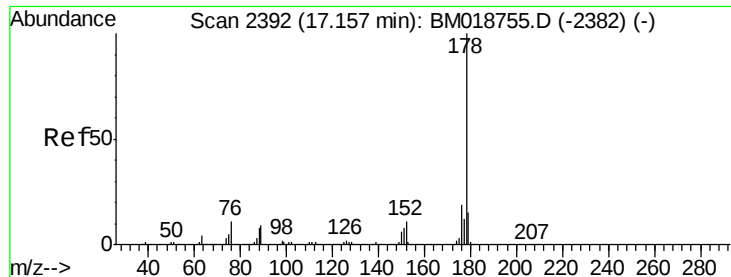
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Tgt Ion:	188	Resp:	1456089
Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.2	12.2
80	11.2	9.7	14.5



Abundance Ion 188.00 (187.70 to 188.70): BM018755.D (-2377) (-)
Ion 94.00 (93.70 to 94.70): BM018755.D (-2377) (-)
Ion 80.00 (79.70 to 80.70): BM018755.D (-2377) (-)

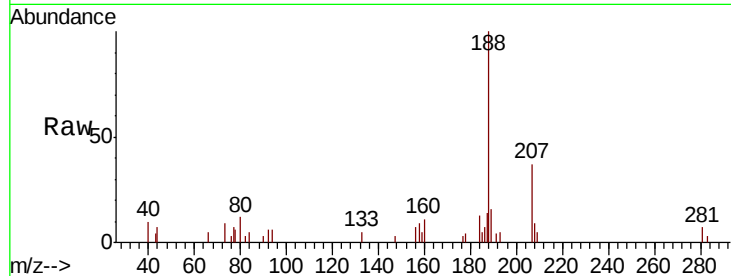




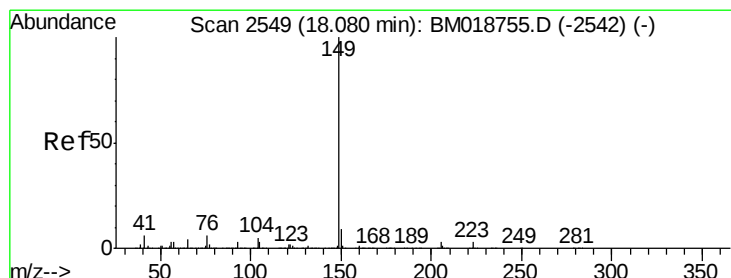
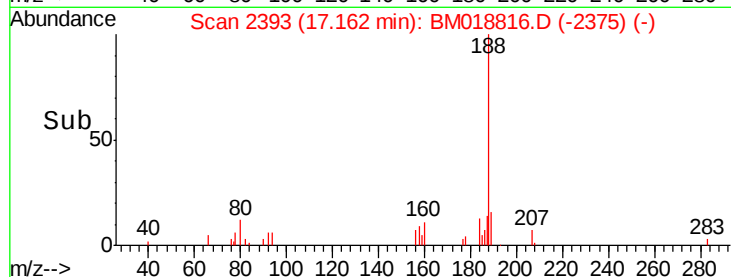
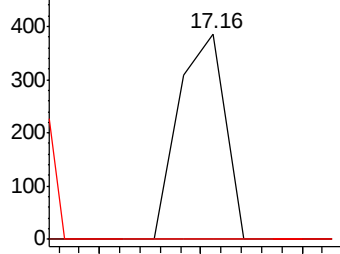
#71
Phenanthrene
Concen: 0.003 ng
RT: 17.16 min Scan# 2393
Delta R.T. 0.01 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Instrument :
BNA_M
ClientSampleId :
PB117091TB

Tgt Ion:178 Resp: 246
Ion Ratio Lower Upper
178 100
176 0.0 15.4 23.0#
179 0.0 12.3 18.5#

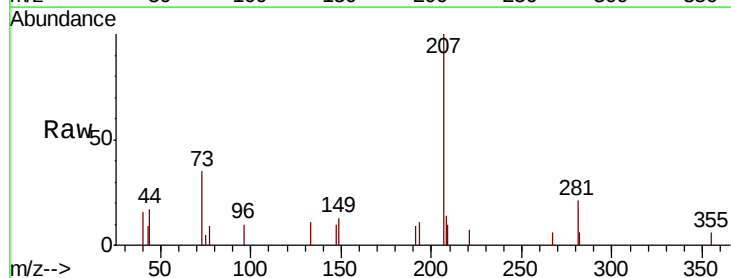


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

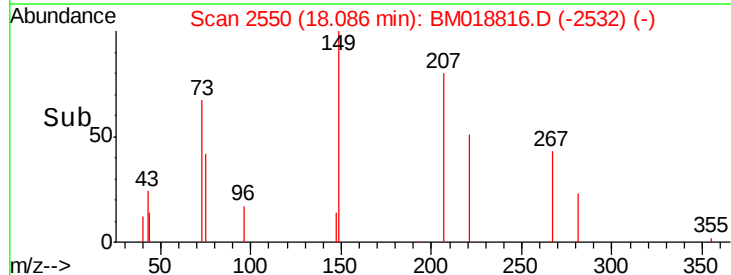
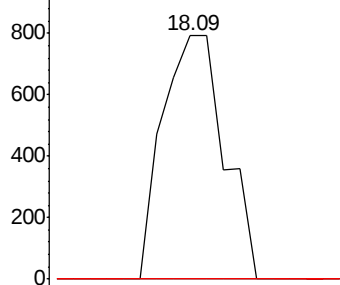


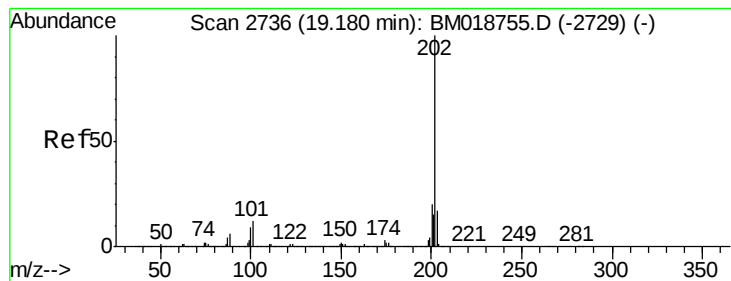
#74
Di-n-butylphthalate
Concen: 0.013 ng
RT: 18.09 min Scan# 2550
Delta R.T. 0.01 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Tgt Ion:149 Resp: 1211
Ion Ratio Lower Upper
149 100
150 0.0 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





#75

Fluoranthene

Concen: 0.003 ng

RT: 19.19 min Scan# 2738

Delta R.T. 0.01 min

Lab File: BM018816.D

Acq: 13 Feb 2019 23:52

Instrument :

BNA_M

ClientSampleId :

PB117091TB

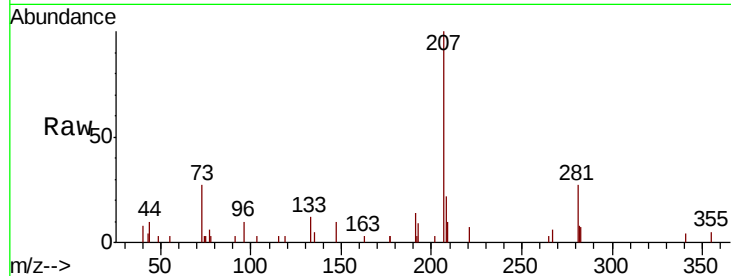
Tgt Ion:202 Resp: 246

Ion Ratio Lower Upper

202 100

101 0.0 0.0 31.5

203 0.0 0.0 37.3

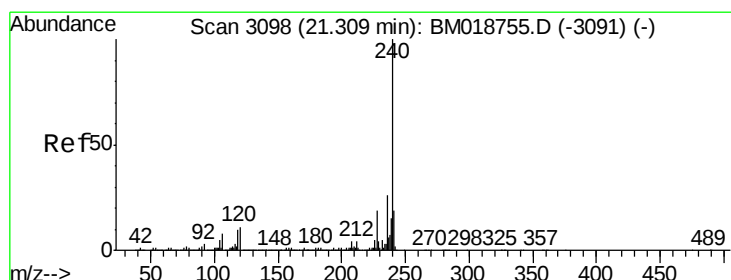
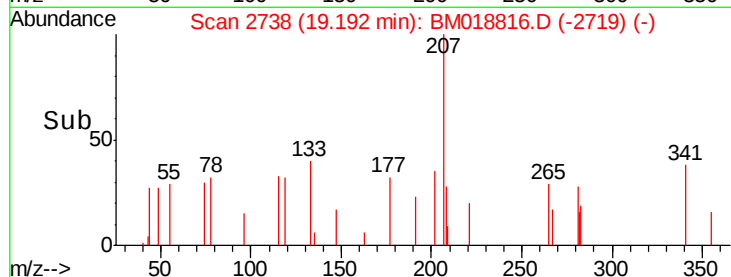
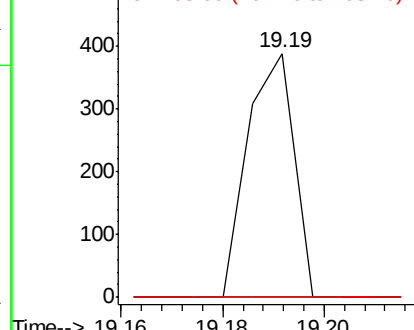


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.30 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BM018816.D

Acq: 13 Feb 2019 23:52

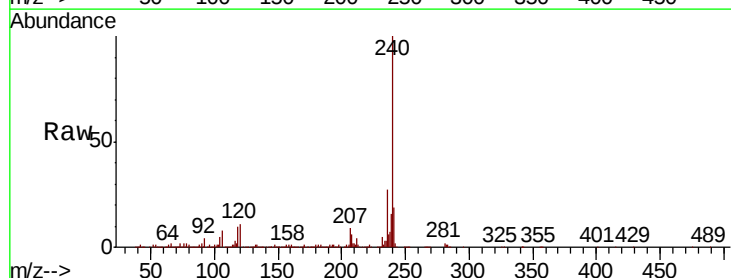
Tgt Ion:240 Resp: 1130746

Ion Ratio Lower Upper

240 100

120 10.8 8.9 13.3

236 26.6 20.9 31.3

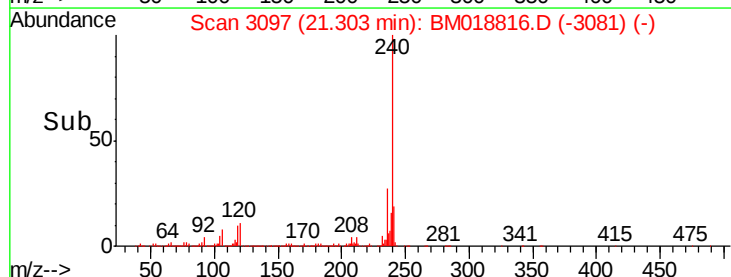
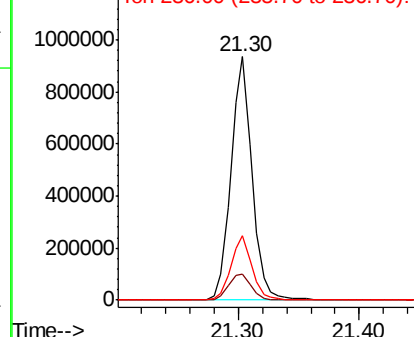


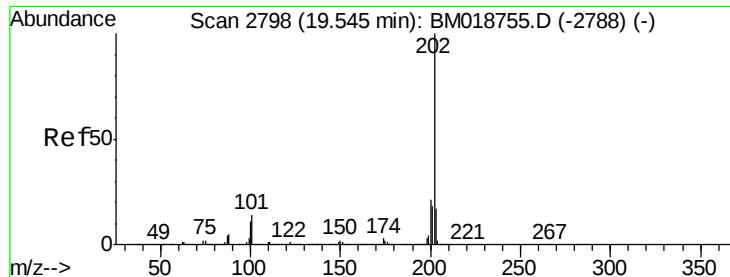
Abundance

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

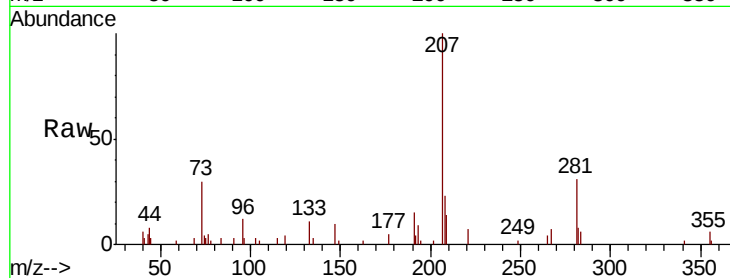




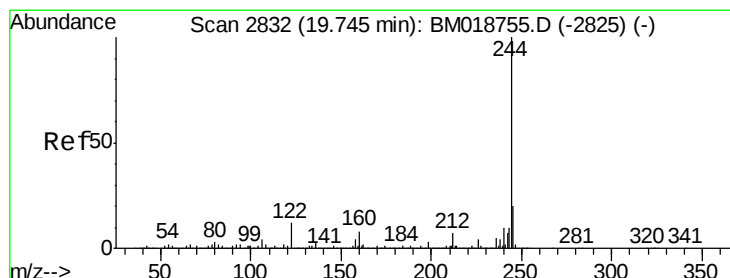
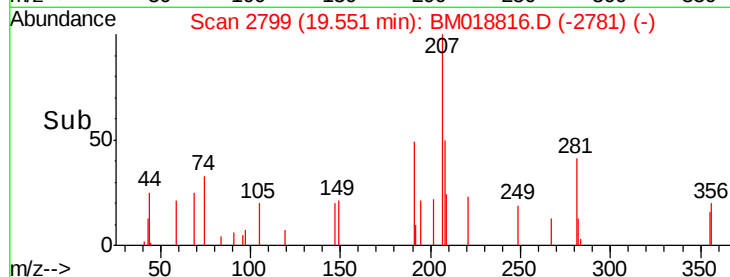
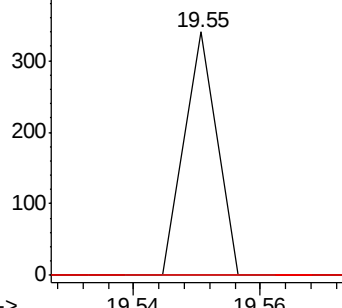
#78
Pyrene
Concen: 0.002 ng
RT: 19.55 min Scan# 2799
Delta R.T. 0.01 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Instrument :
BNA_M
ClientSampleId :
PB117091TB

Tgt Ion: 202 Resp: 120
Ion Ratio Lower Upper
202 100
200 0.0 16.9 25.3#
203 0.0 13.8 20.8#

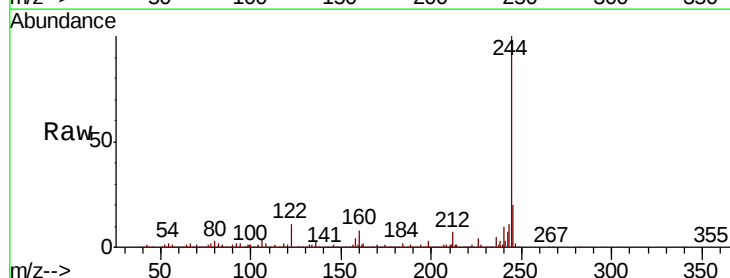


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

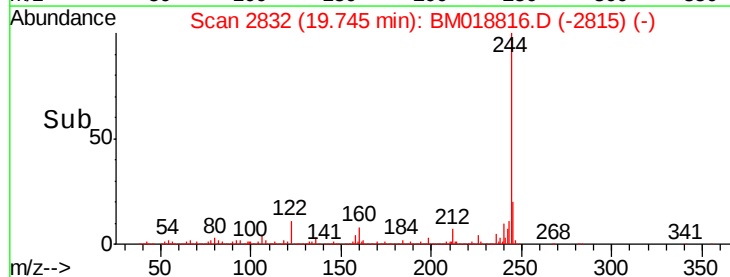
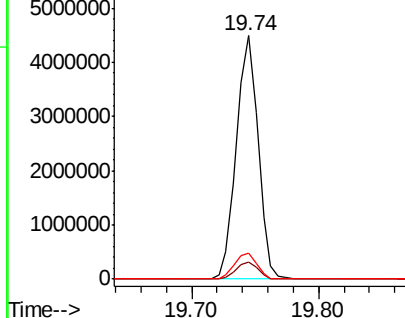


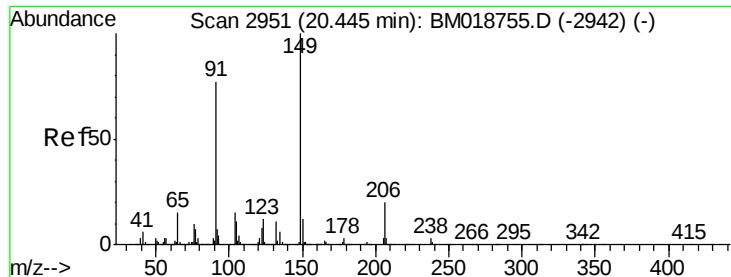
#79
Terphenyl-d14
Concen: 96.855 ng
RT: 19.74 min Scan# 2832
Delta R.T. -0.00 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Tgt Ion: 244 Resp: 5308981
Ion Ratio Lower Upper
244 100
212 7.1 5.6 8.4
122 10.7 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

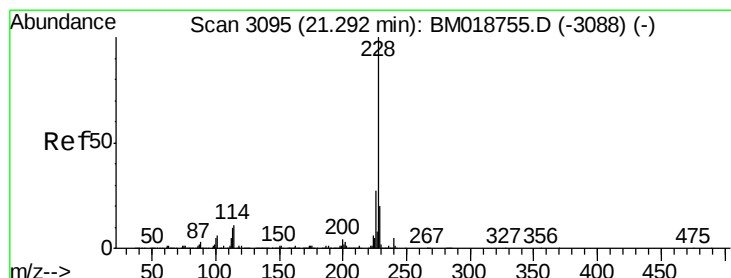
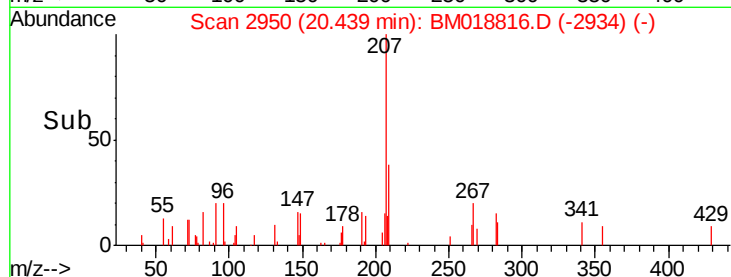
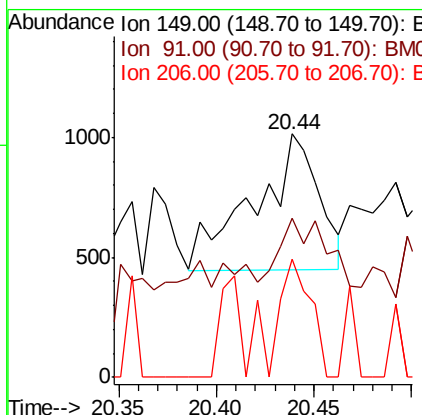
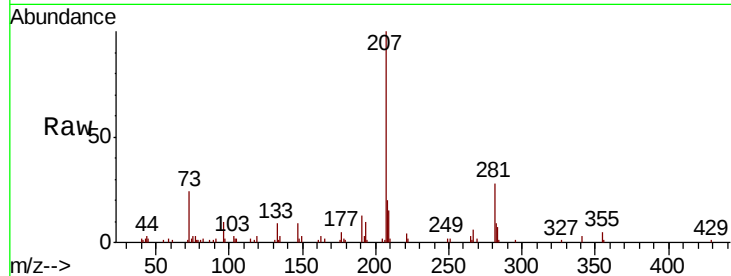




#80
Butylbenzylphthalate
Concen: 0.044 ng
RT: 20.44 min Scan# 2950
Delta R.T. -0.01 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

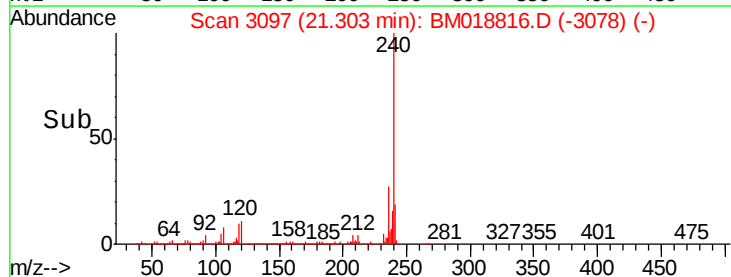
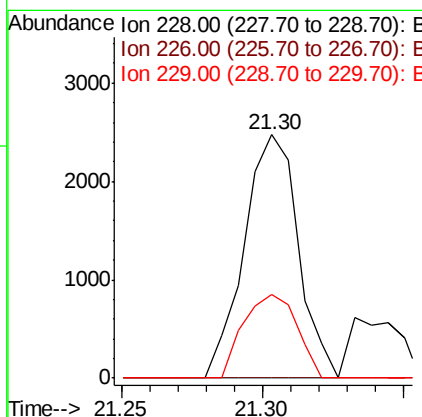
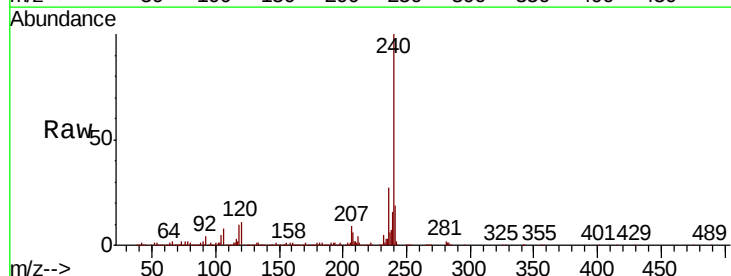
Instrument :
BNA_M
ClientSampleId :
PB117091TB

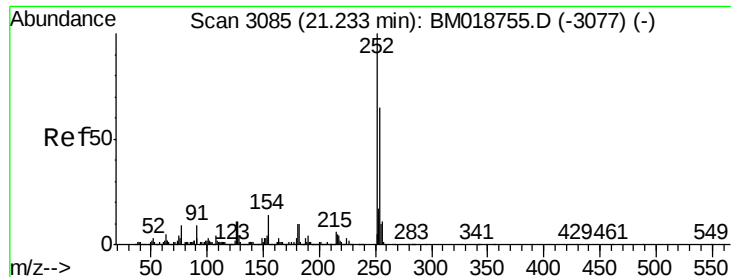
Tgt Ion:149 Resp: 1302
Ion Ratio Lower Upper
149 100
91 65.3 61.4 92.0
206 48.7 15.8 23.8#



#81
Benzo(a)anthracene
Concen: 0.050 ng
RT: 21.30 min Scan# 3097
Delta R.T. 0.01 min
Lab File: BM018816.D
Acq: 13 Feb 2019 23:52

Tgt Ion:228 Resp: 3288
Ion Ratio Lower Upper
228 100
226 0.0 21.9 32.9#
229 34.1 15.9 23.9#

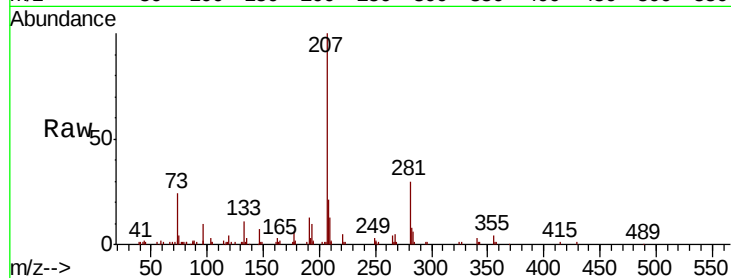




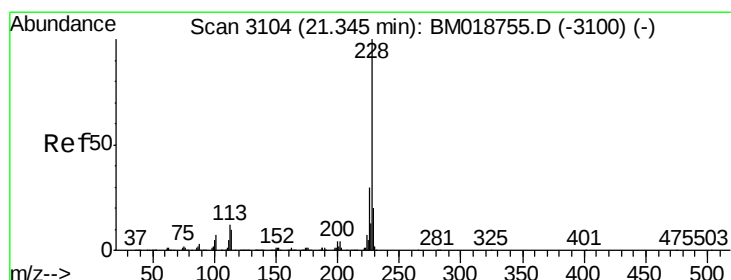
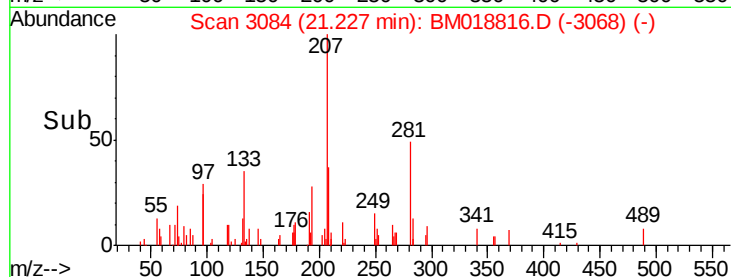
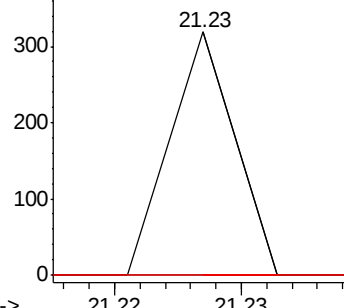
#82
 3,3'-Dichlorobenzidine
 Concen: 0.004 ng
 RT: 21.23 min Scan# 3084
 Delta R.T. -0.01 min
 Lab File: BM018816.D
 Acq: 13 Feb 2019 23:52

Instrument :
 BNA_M
 ClientSampleId :
 PB117091TB

Tgt Ion:252 Resp: 113
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.8 77.8#
 126 0.0 9.1 13.7#

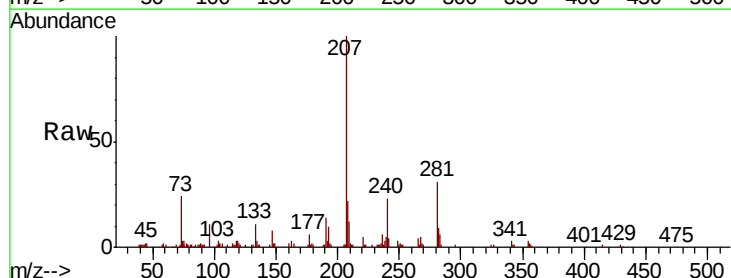


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

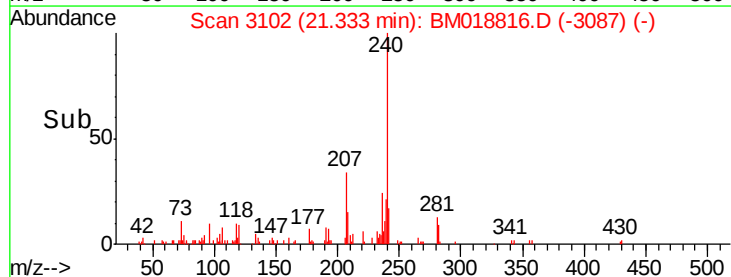
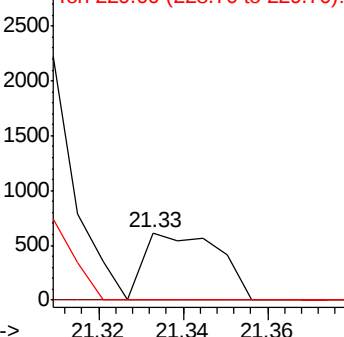


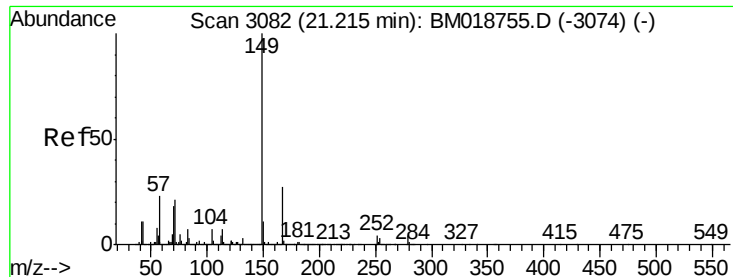
#83
 Chrysene
 Concen: 0.012 ng
 RT: 21.33 min Scan# 3102
 Delta R.T. -0.01 min
 Lab File: BM018816.D
 Acq: 13 Feb 2019 23:52

Tgt Ion:228 Resp: 753
 Ion Ratio Lower Upper
 228 100
 226 0.0 24.1 36.1#
 229 0.0 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

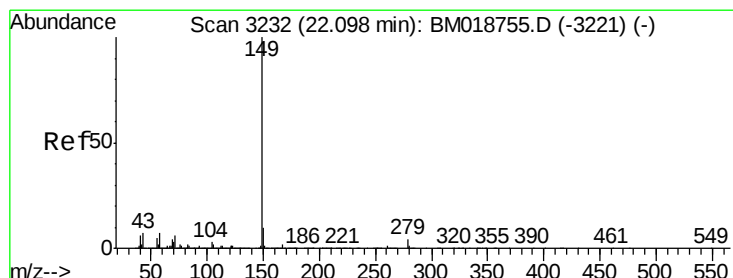
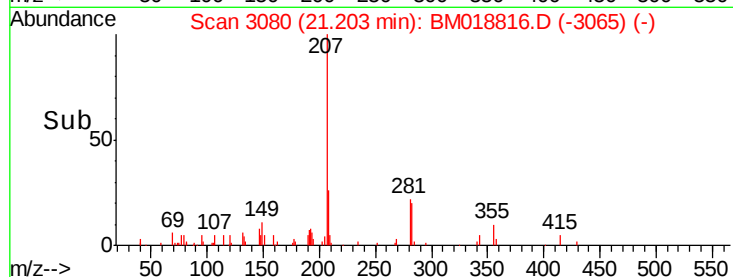
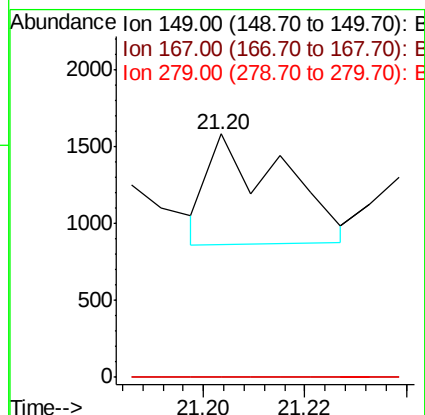
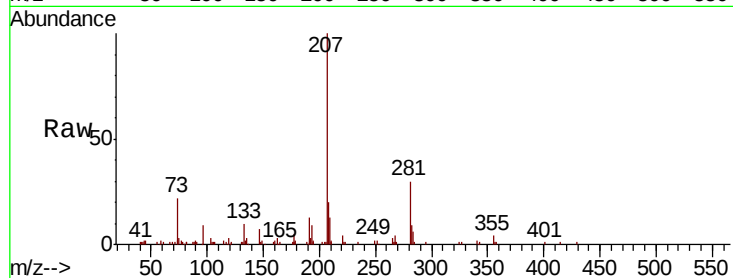




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.017 ng
 RT: 21.20 min Scan# 3080
 Delta R.T. -0.01 min
 Lab File: BM018816.D
 Acq: 13 Feb 2019 23:52

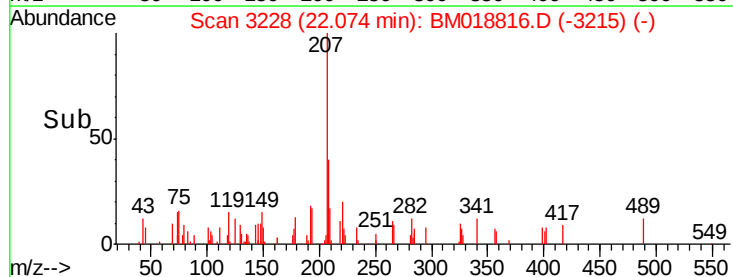
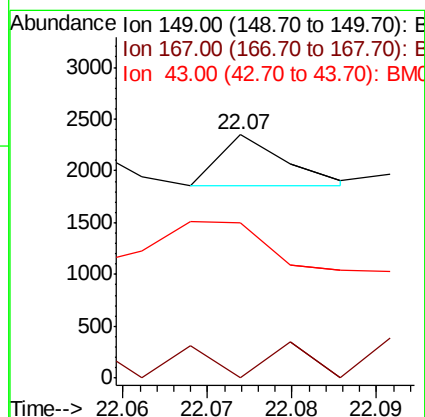
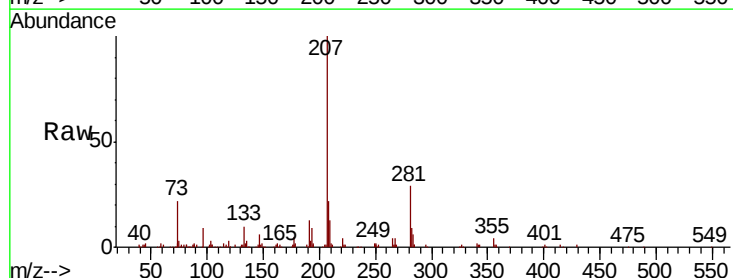
Instrument :
 BNA_M
 ClientSampleId :
 PB117091TB

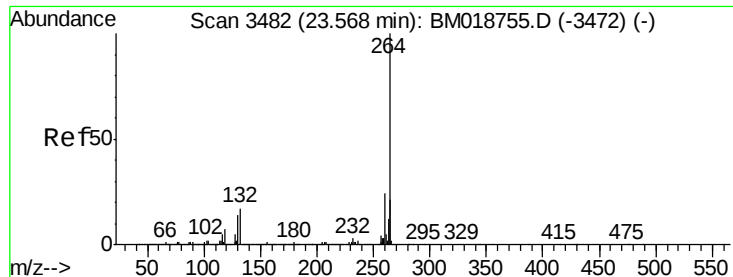
Tgt Ion:149 Resp: 729
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.8 32.6#
 279 0.0 3.6 5.4#



#85
 Di-n-octyl phthalate
 Concen: 0.004 ng
 RT: 22.07 min Scan# 3228
 Delta R.T. -0.02 min
 Lab File: BM018816.D
 Acq: 13 Feb 2019 23:52

Tgt Ion:149 Resp: 268
 Ion Ratio Lower Upper
 149 100
 167 41.0 1.3 1.9#
 43 392.2 6.0 9.0#





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.56 min Scan# 3481

Delta R.T. -0.01 min

Lab File: BM018816.D

Acq: 13 Feb 2019 23:52

Instrument :

BNA_M

ClientSampleId :

PB117091TB

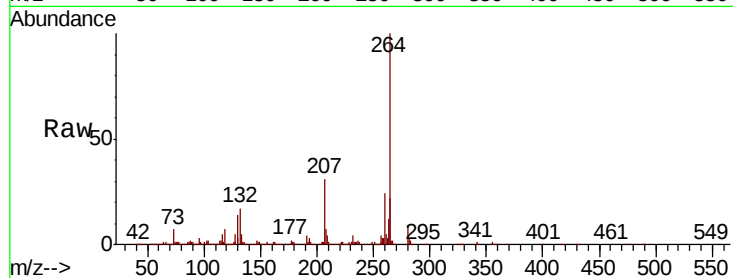
Tgt Ion:264 Resp: 935854

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

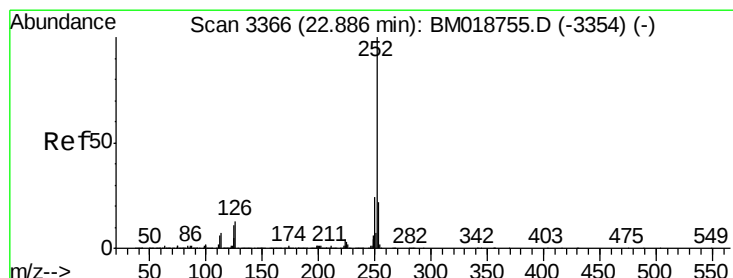
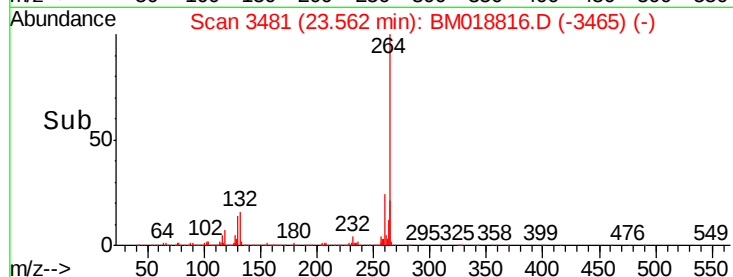
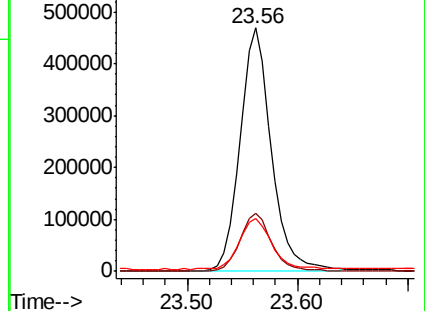
265 21.9 17.3 25.9



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



#88

Benzo(b)fluoranthene

Concen: 0.010 ng

RT: 22.89 min Scan# 3366

Delta R.T. -0.00 min

Lab File: BM018816.D

Acq: 13 Feb 2019 23:52

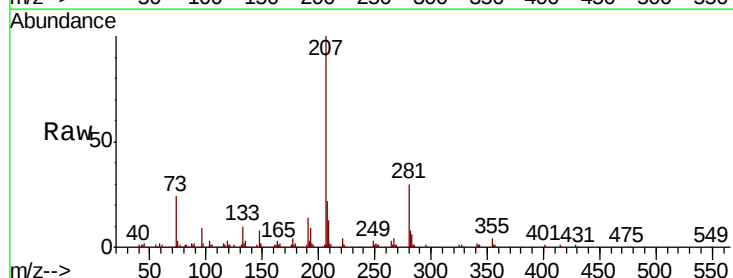
Tgt Ion:252 Resp: 521

Ion Ratio Lower Upper

252 100

253 119.6 17.8 26.6#

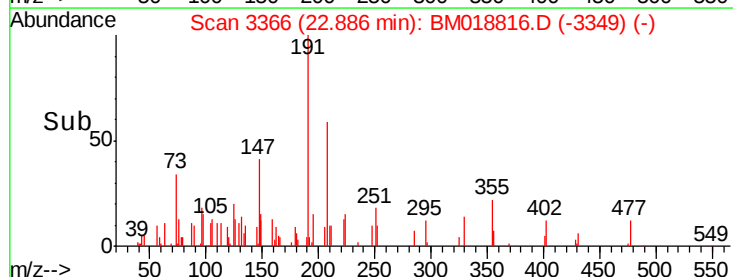
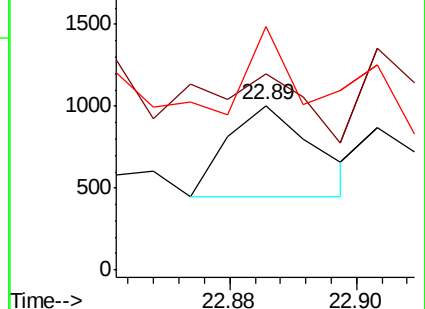
125 148.0 8.6 12.8#

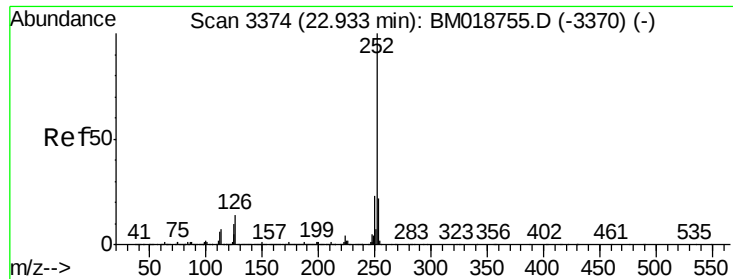


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 0.005 ng

RT: 22.95 min Scan# 3377

Delta R.T. 0.02 min

Lab File: BM018816.D

Acq: 13 Feb 2019 23:52

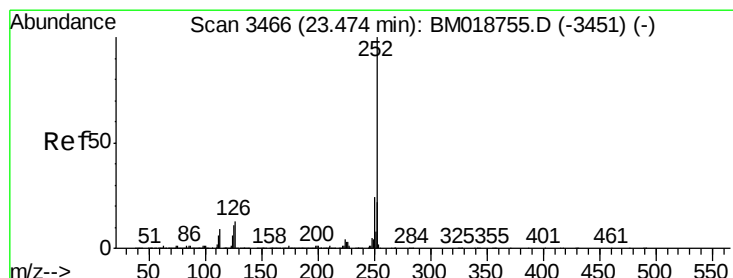
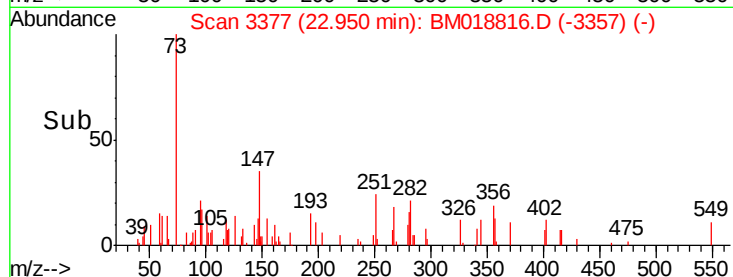
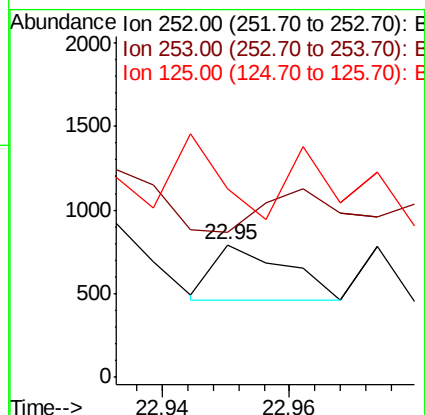
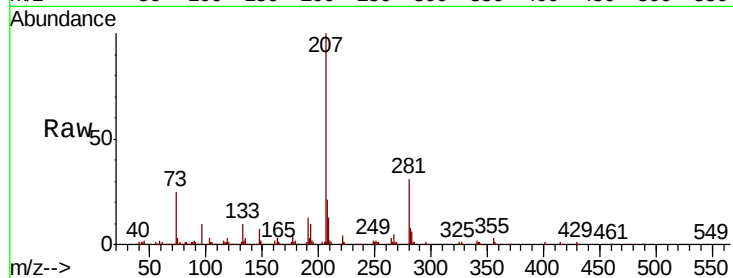
Instrument :

BNA_M

ClientSampleId :

PB117091TB

Tgt Ion:	252	Resp:	261
Ion Ratio	Lower	Upper	
252	100		
253	109.9	17.7	26.5#
125	142.8	8.2	12.4#



#90

Benzo(a)pyrene

Concen: 0.007 ng

RT: 23.46 min Scan# 3463

Delta R.T. -0.02 min

Lab File: BM018816.D

Acq: 13 Feb 2019 23:52

Tgt Ion:	252	Resp:	377
Ion Ratio	Lower	Upper	
252	100		
253	120.8	17.4	26.0#
125	174.8	8.6	13.0#

