

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122718\
 Data File : BM018399.D
 Acq On : 27 Dec 2018 16:53
 Operator : JU/SJ
 Sample : PB116036BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116036BL

Quant Time: Dec 28 04:04:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 27 14:18:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	298509	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	1335975	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	850978	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	2054960	20.00	ng	0.00
76) Chrysene-d12	21.37	240	2309459	20.00	ng	0.00
87) Perylene-d12	23.67	264	2491717	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	109754	6.93	ng	0.00
7) Phenol-d6	6.93	99	105800	4.81	ng	0.00
23) Nitrobenzene-d5	8.95	82	325460	13.98	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	145031	13.41	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	899959	14.32	ng	0.00
79) Terphenyl-d14	19.81	244	3384378	31.23	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.33	88	97	0.015	ng	# 22
3) Pyridine	3.70	79	112	0.006	ng	# 1
4) n-Nitrosodimethylamine	3.62	42	190	0.026	ng	# 1
6) Aniline	7.11	93	113	0.004	ng	# 43
9) Benzaldehyde	6.91	77	1214	0.079	ng	# 43
10) Phenol	6.97	94	119	0.005	ng	# 11
15) Benzyl Alcohol	8.02	79	107	0.006	ng	# 28
16) 2,2'-oxybis(1-Chloropropan	8.32	45	325	0.012	ng	# 69
19) n-Nitroso-di-n-propylamine	8.58	70	107	0.006	ng	# 24
22) Acetophenone	8.61	105	374	0.011	ng	# 1
24) Nitrobenzene	9.00	77	463	0.020	ng	# 38
25) Isophorone	9.50	82	144	0.004	ng	# 64
31) Naphthalene	10.63	128	504	0.008	ng	# 69
46) 1,1'-Biphenyl	13.26	154	2260	0.031	ng	# 90
49) Acenaphthylene	14.15	152	270	0.003	ng	# 61
52) Acenaphthene	14.43	154	3603	0.070	ng	# 4
58) Fluorene	15.48	166	1497	0.023	ng	# 9
60) Diethylphthalate	15.26	149	7223	0.097	ng	# 96
63) Azobenzene	15.77	77	226	0.003	ng	# 16
71) Phenanthrene	17.22	178	703	0.006	ng	# 60
72) Anthracene	17.31	178	311	0.003	ng	# 61
73) Carbazole	17.58	167	531	0.005	ng	# 59
74) Di-n-butylphthalate	18.15	149	5943	0.046	ng	# 97
75) Fluoranthene	19.23	202	732	0.006	ng	# 64
77) Benzdine	19.44	184	381	0.006	ng	# 67
78) Pyrene	19.60	202	1023	0.008	ng	# 58
80) Butylbenzylphthalate	20.52	149	221	6.637	ng	# 54
81) Benzo(a)anthracene	21.37	228	7034	0.052	ng	# 69
82) 3,3'-Dichlorobenzidine	21.29	252	252	0.005	ng	# 26
83) Chrysene	21.41	228	477	0.004	ng	# 49
84) Bis(2-ethylhexyl)phthalate	21.29	149	21167	0.234	ng	# 99
85) Di-n-octyl phthalate	22.17	149	722	0.005	ng	# 75
88) Benzo(b)fluoranthene	22.99	252	1315	0.009	ng	# 1
89) Benzo(k)fluoranthene	23.03	252	547	0.004	ng	# 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 27 14:18:47 2018
Response via : Initial Calibration

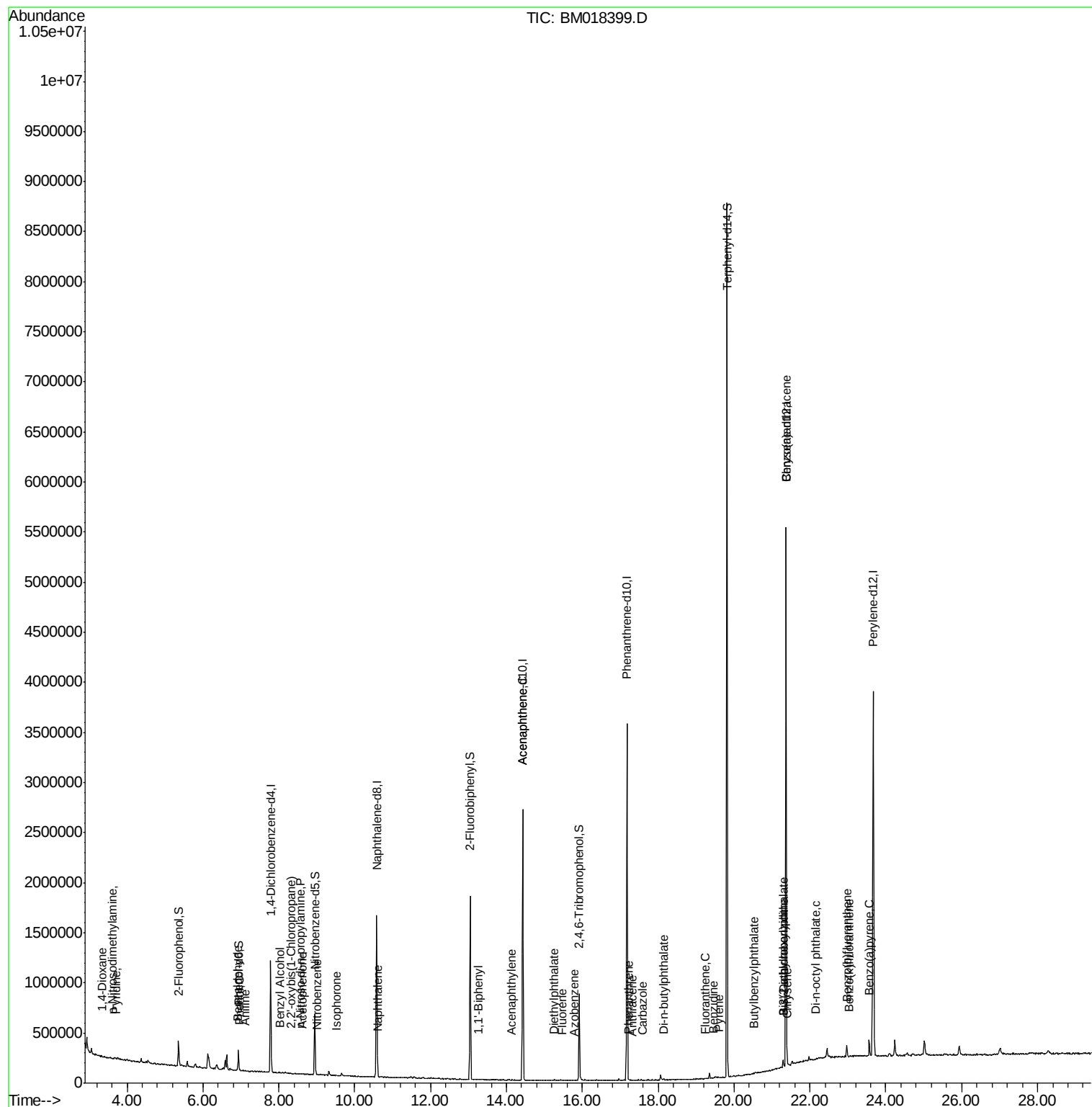
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Benzo(a)pyrene	23.56	252	1456	0.011	ng #	1

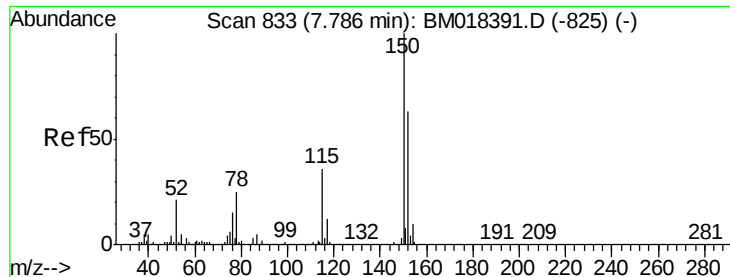
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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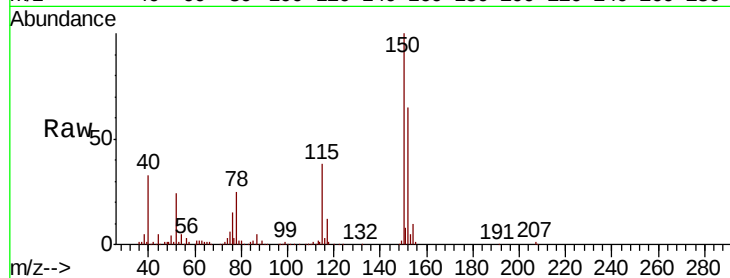


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 832
Delta R.T. -0.01 min
Lab File: BM018399.D
Acq: 27 Dec 2018 16:53

Instrument :
BNA_M
ClientSampleId :
PB116036BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.3	126.9	190.3
115	58.7	45.5	68.3

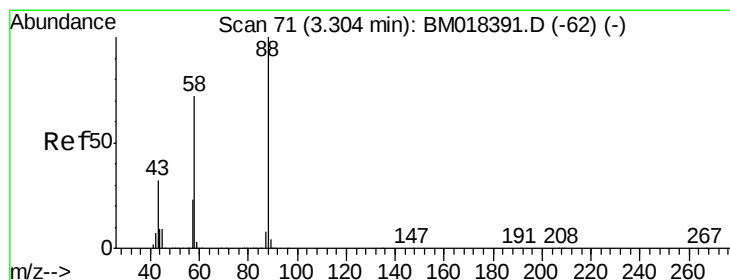
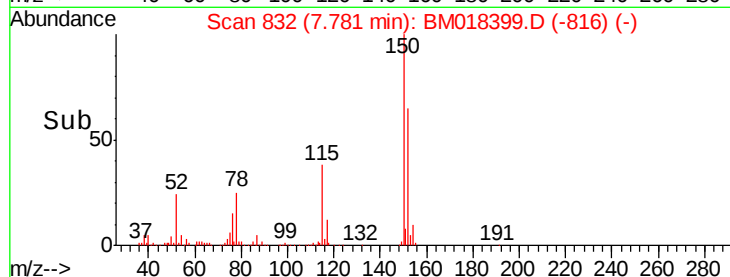
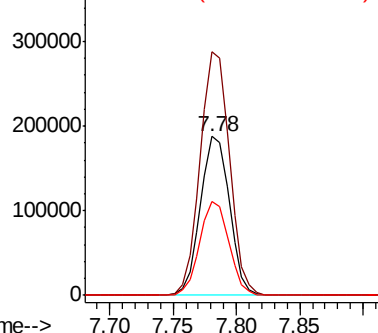


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

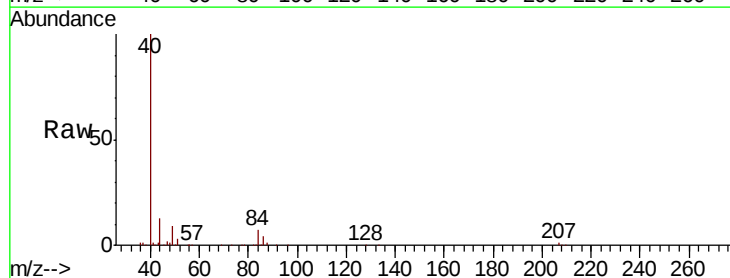
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.015 ng
RT: 3.33 min Scan# 75
Delta R.T. 0.02 min
Lab File: BM018399.D
Acq: 27 Dec 2018 16:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	58.4	87.6#
43	0.0	26.2	39.4#

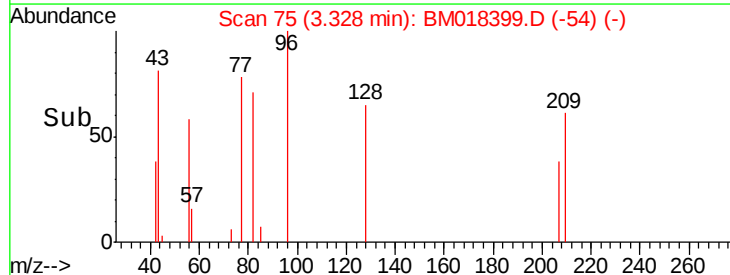
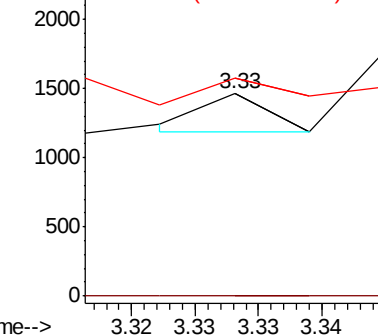


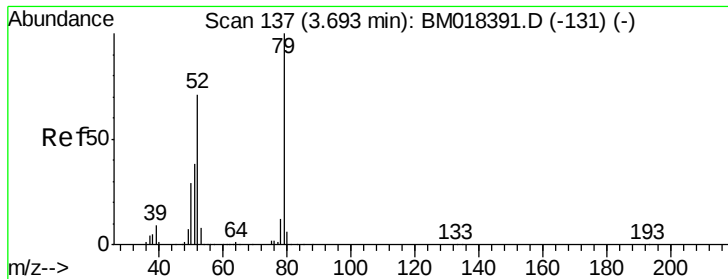
Abundance

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: 0.006 ng

RT: 3.70 min Scan# 138

Delta R.T. 0.01 min

Lab File: BM018399.D

Acq: 27 Dec 2018 16:53

Instrument :

BNA_M

ClientSampleId :

PB116036BL

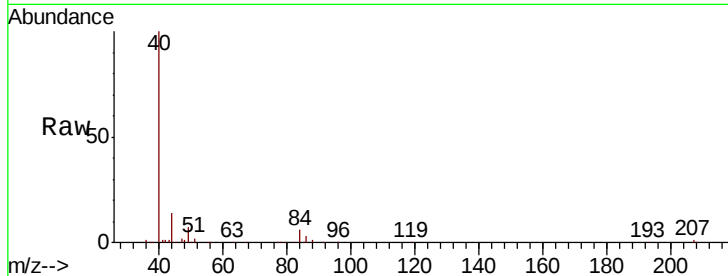
Tgt Ion: 79 Resp: 112

Ion Ratio Lower Upper

79 100

52 0.0 56.4 84.6#

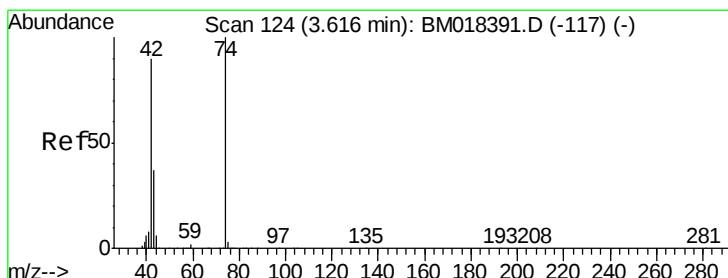
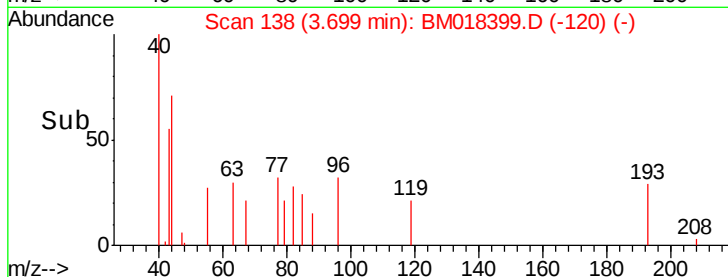
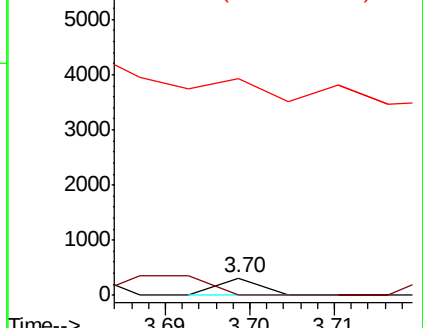
51 1240.5 31.0 46.4#



Abundance Ion 79.00 (78.70 to 79.70): BM018399.D (-131) (-)

Ion 52.00 (51.70 to 52.70): BM018399.D (-131) (-)

Ion 51.00 (50.70 to 51.70): BM018399.D (-131) (-)



#4

n-Nitrosodimethylamine

Concen: 0.026 ng

RT: 3.62 min Scan# 124

Delta R.T. 0.00 min

Lab File: BM018399.D

Acq: 27 Dec 2018 16:53

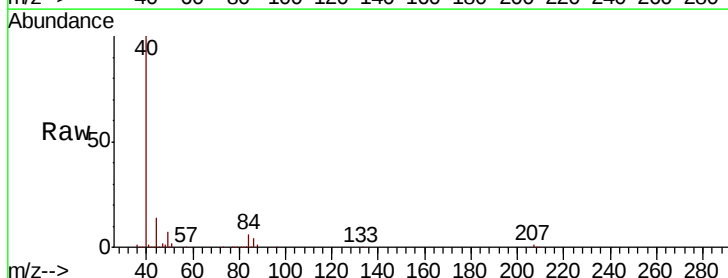
Tgt Ion: 42 Resp: 190

Ion Ratio Lower Upper

42 100

74 0.0 88.6 132.8#

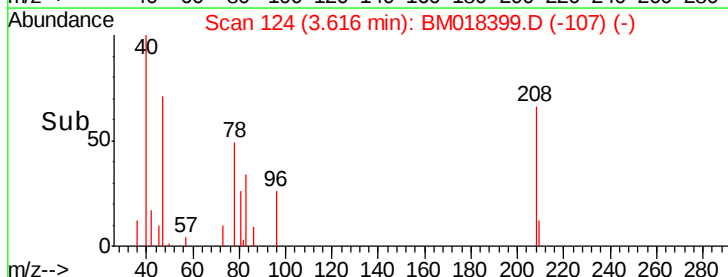
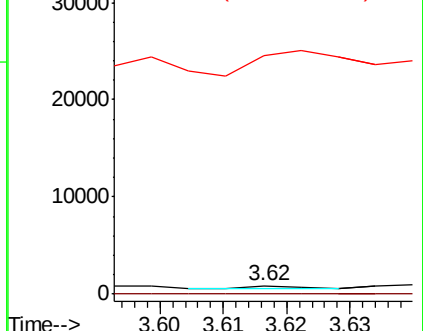
44 2913.7 16.9 25.3#

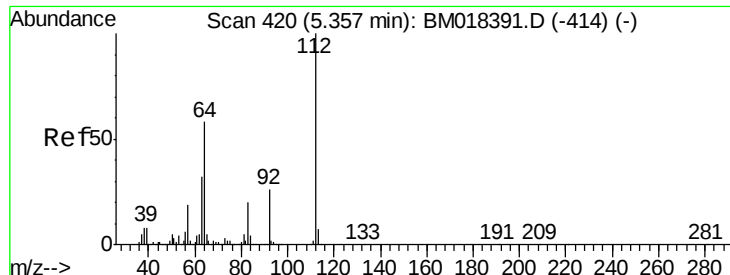


Abundance Ion 42.00 (41.70 to 42.70): BM018399.D (-117) (-)

Ion 74.00 (73.70 to 74.70): BM018399.D (-117) (-)

Ion 44.00 (43.70 to 44.70): BM018399.D (-117) (-)

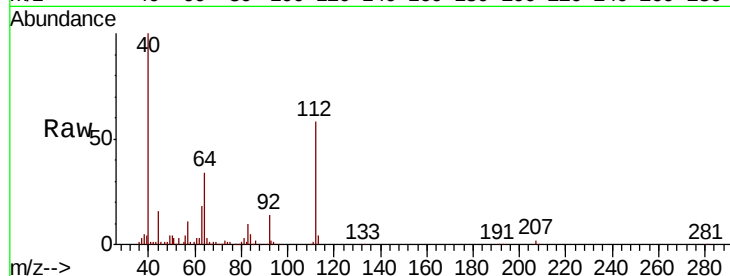




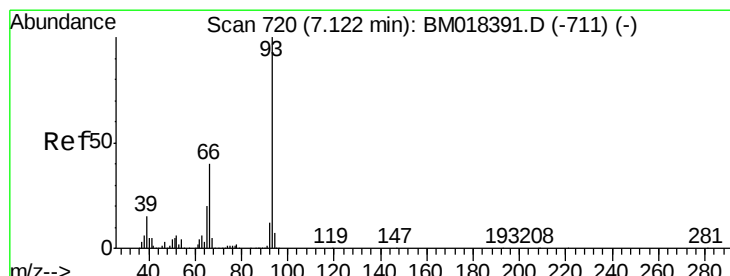
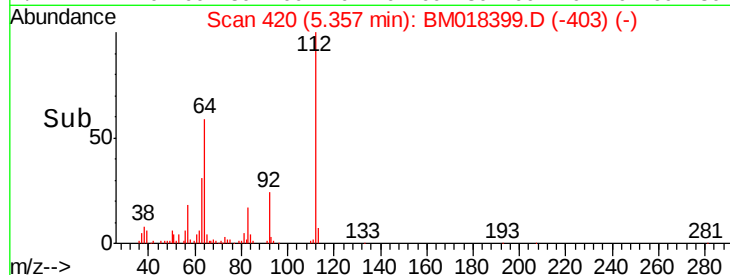
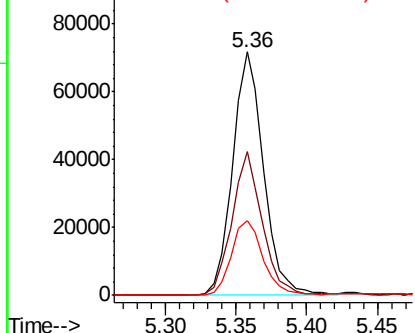
#5
 2-Fluorophenol
 Concen: 6.932 ng
 RT: 5.36 min Scan# 420
 Delta R.T. 0.00 min
 Lab File: BM018399.D
 Acq: 27 Dec 2018 16:53

Instrument :
 BNA_M
 ClientSampleId :
 PB116036BL

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	46.5	69.7
63	30.8	25.2	37.8

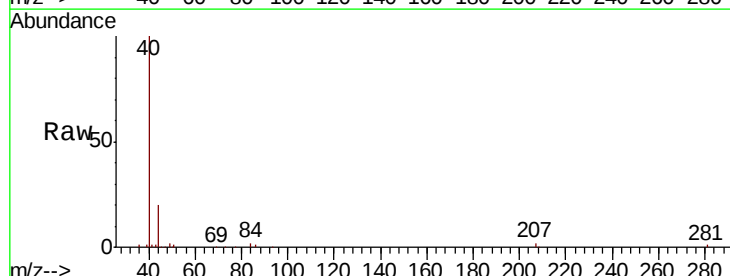


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BM
 Ion 63.00 (62.70 to 63.70): BM

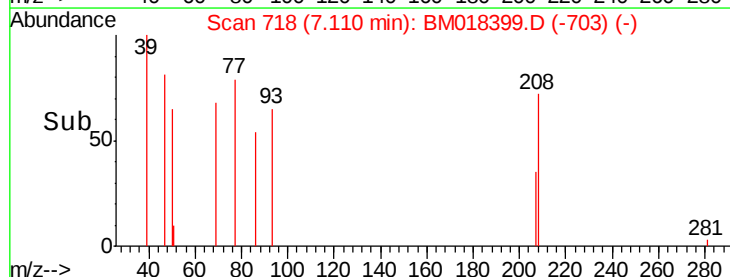
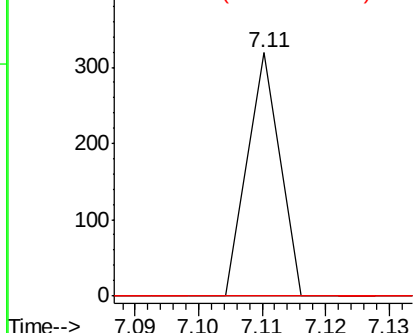


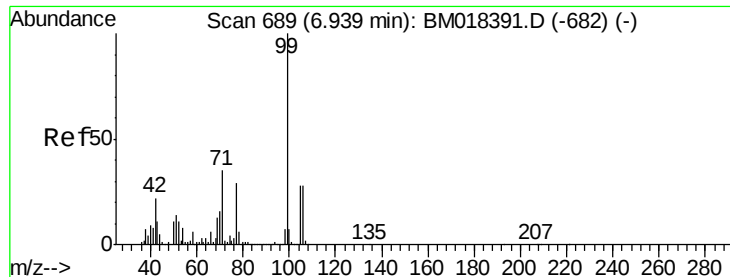
#6
 Aniline
 Concen: 0.004 ng
 RT: 7.11 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: BM018399.D
 Acq: 27 Dec 2018 16:53

Tgt Ion	Ratio	Lower	Upper
93	100		
66	0.0	31.7	47.5#
65	0.0	15.9	23.9#



Abundance Ion 93.00 (92.70 to 93.70): BM
 Ion 66.00 (65.70 to 66.70): BM
 Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 4.812 ng

RT: 6.93 min Scan# 688

Delta R.T. -0.01 min

Lab File: BM018399.D

Acq: 27 Dec 2018 16:53

Instrument :

BNA_M

ClientSampleId :

PB116036BL

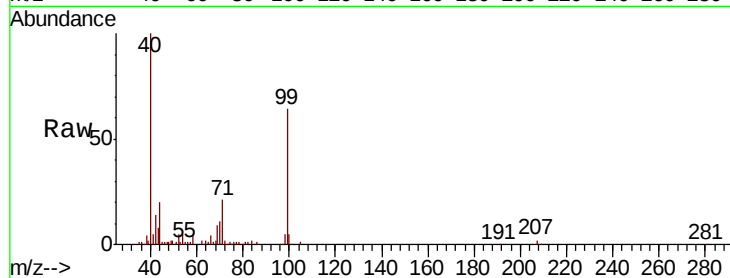
Tgt Ion: 99 Resp: 105800

Ion Ratio Lower Upper

99 100

42 22.3 17.3 25.9

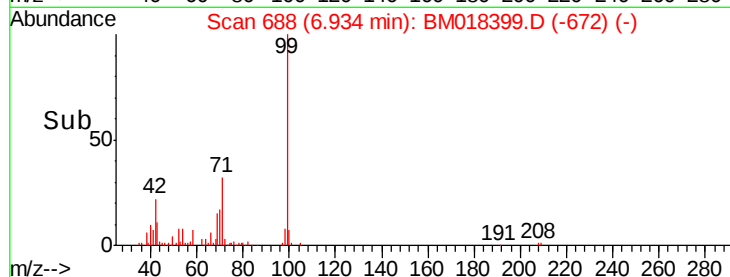
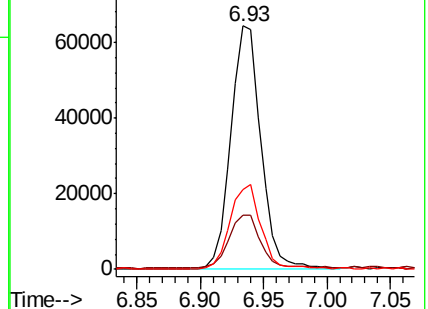
71 33.0 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018399.D (-682) (-)

Ion 42.00 (41.70 to 42.70): BM018399.D (-682) (-)

Ion 71.00 (70.70 to 71.70): BM018399.D (-682) (-)



#9

Benzaldehyde

Concen: 0.079 ng

RT: 6.91 min Scan# 684

Delta R.T. -0.02 min

Lab File: BM018399.D

Acq: 27 Dec 2018 16:53

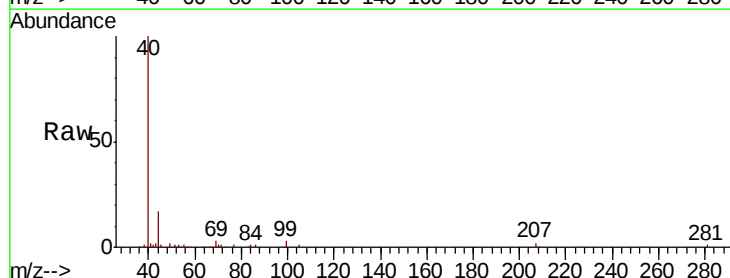
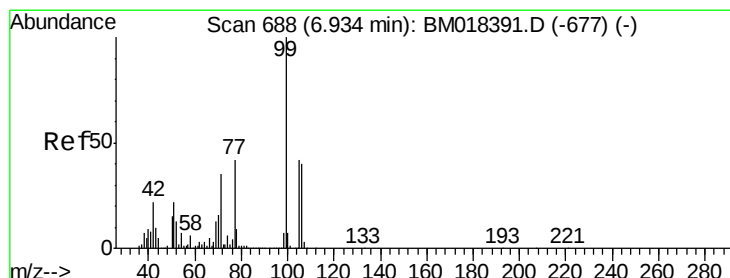
Tgt Ion: 77 Resp: 1214

Ion Ratio Lower Upper

77 100

105 81.3 79.7 119.7

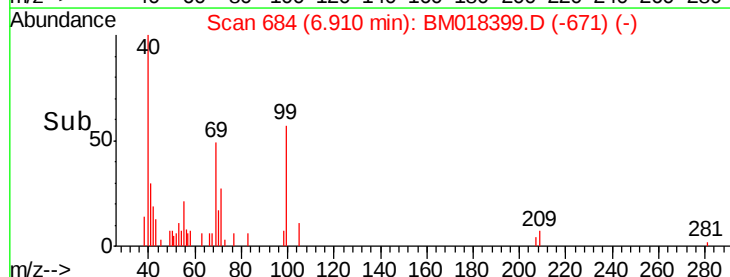
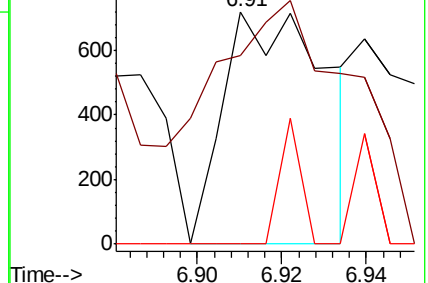
106 0.0 75.2 115.2#

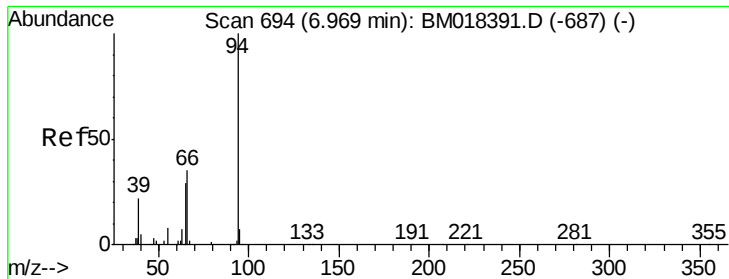


Abundance Ion 77.00 (76.70 to 77.70): BM018399.D (-677) (-)

Ion 105.00 (104.70 to 105.70): BM018399.D (-677) (-)

Ion 106.00 (105.70 to 106.70): BM018399.D (-677) (-)





#10

Phenol

Concen: 0.005 ng

RT: 6.97 min Scan# 695

Delta R.T. 0.01 min

Lab File: BM018399.D

Acq: 27 Dec 2018 16:53

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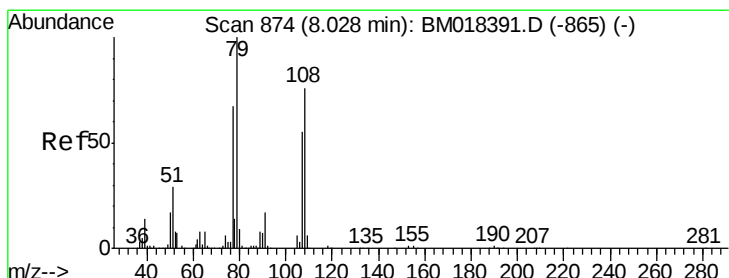
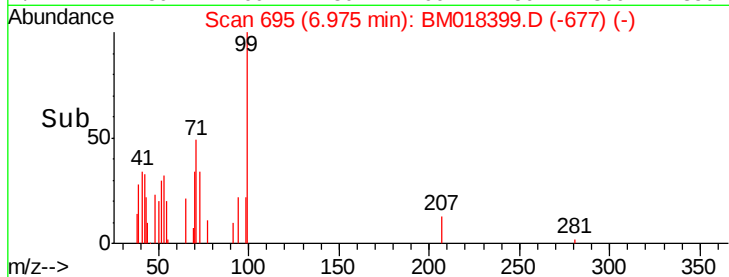
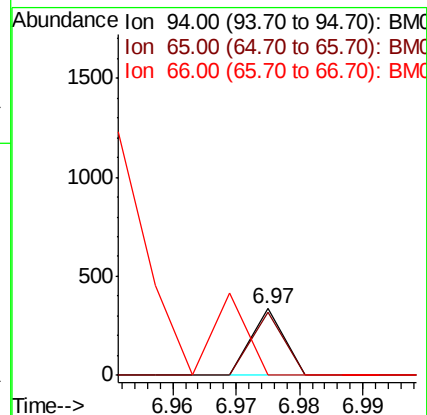
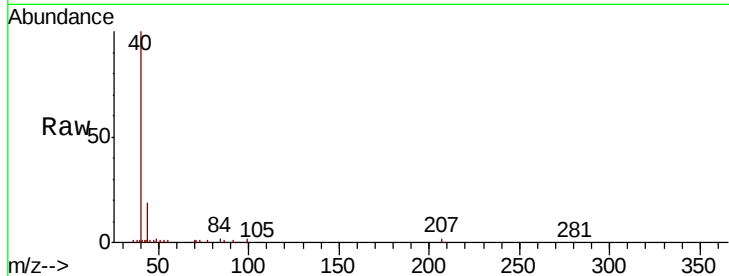
Tgt Ion: 94 Resp: 119

Ion Ratio Lower Upper

94 100

65 94.9 9.4 49.4#

66 0.0 19.1 59.1#



#15

Benzyl Alcohol

Concen: 0.006 ng

RT: 8.02 min Scan# 873

Delta R.T. -0.01 min

Lab File: BM018399.D

Acq: 27 Dec 2018 16:53

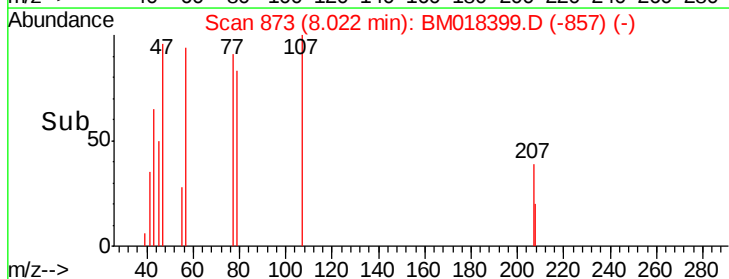
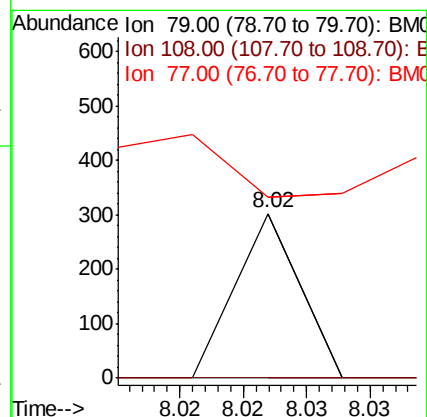
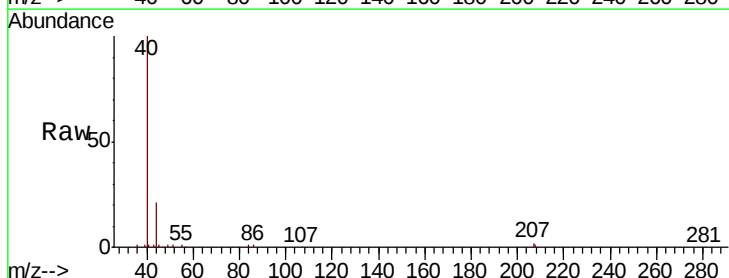
Tgt Ion: 79 Resp: 107

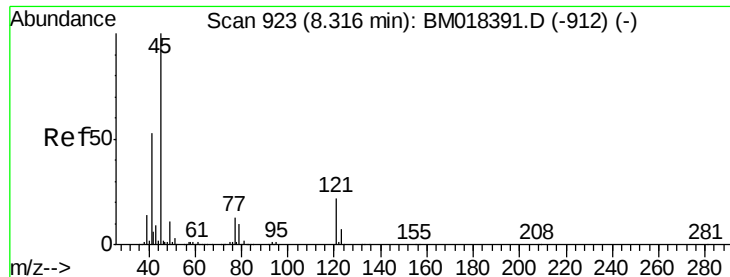
Ion Ratio Lower Upper

79 100

108 0.0 60.4 90.6#

77 109.9 53.4 80.2#

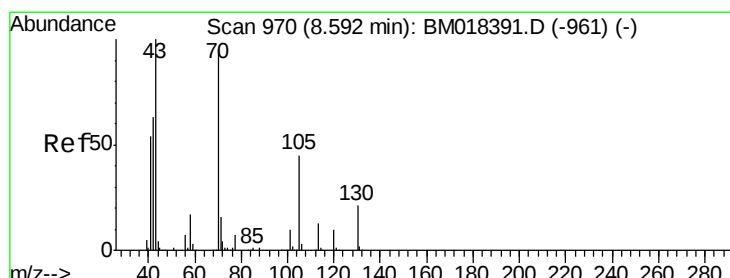
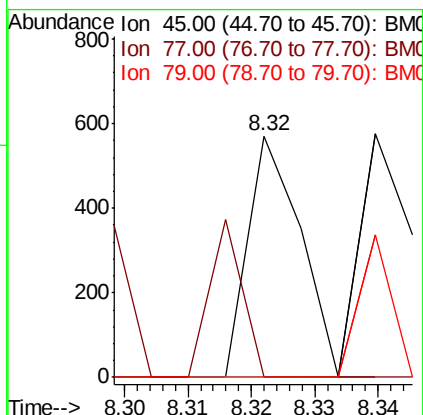
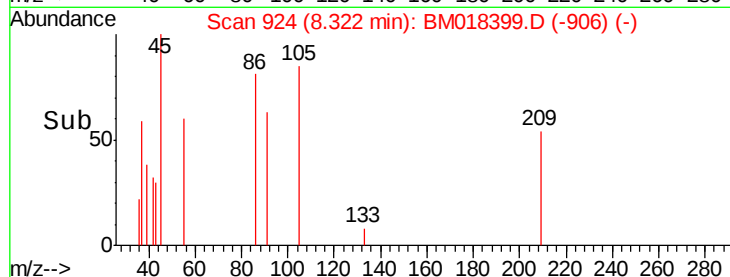
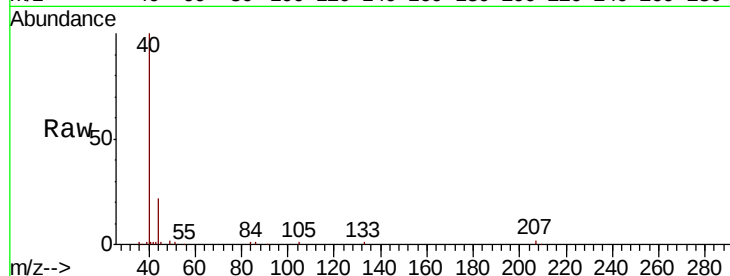




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.012 ng
RT: 8.32 min Scan# 924
Delta R.T. 0.01 min
Lab File: BM018399.D
Acq: 27 Dec 2018 16:53

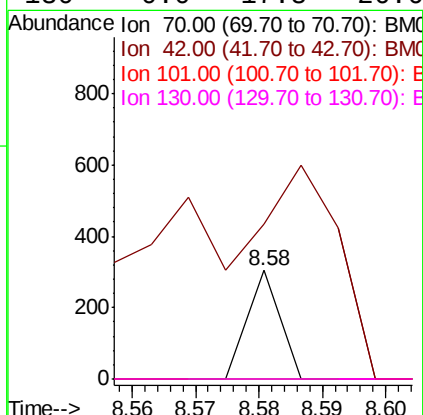
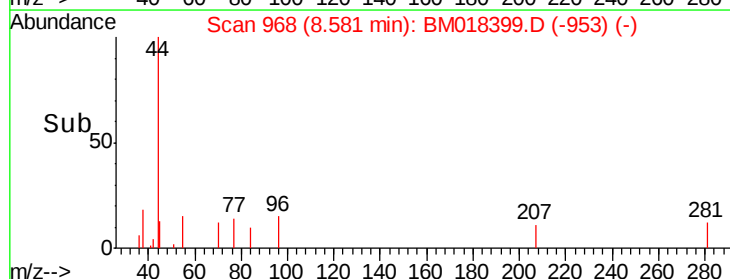
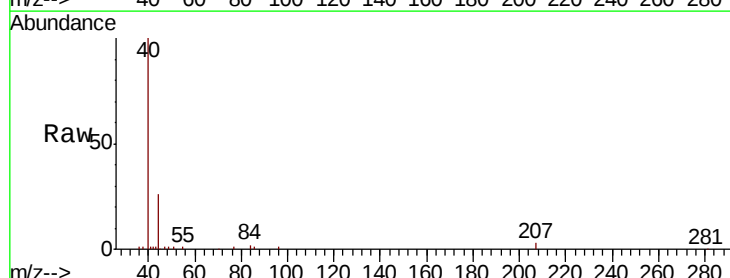
Instrument :
BNA_M
ClientSampleId :
PB116036BL

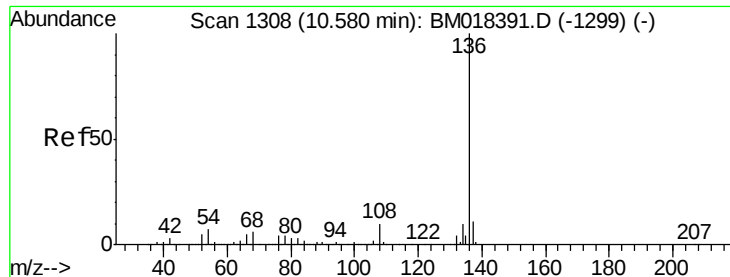
Tgt Ion: 45 Resp: 325
Ion Ratio Lower Upper
45 100
77 0.0 0.0 33.4
79 0.0 0.0 31.1



#19
n-Nitroso-di-n-propylamine
Concen: 0.006 ng
RT: 8.58 min Scan# 968
Delta R.T. -0.01 min
Lab File: BM018399.D
Acq: 27 Dec 2018 16:53

Tgt Ion: 70 Resp: 107
Ion Ratio Lower Upper
70 100
42 142.8 54.0 81.0#
101 0.0 8.1 12.1#
130 0.0 17.8 26.6#

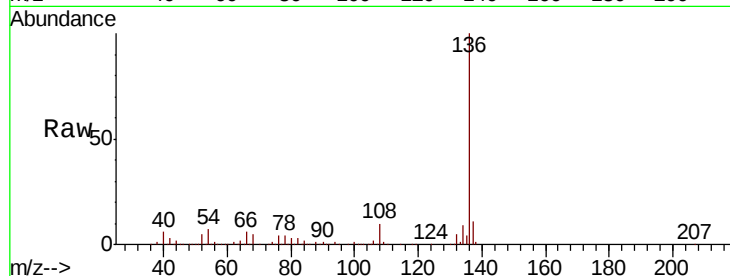




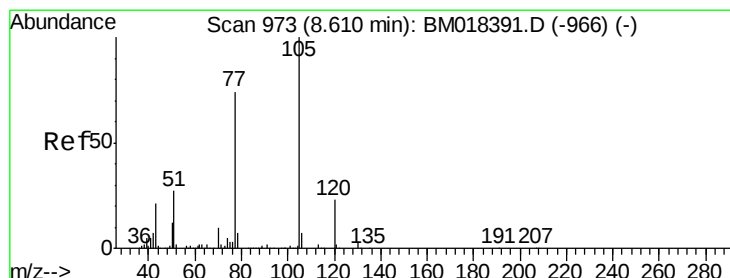
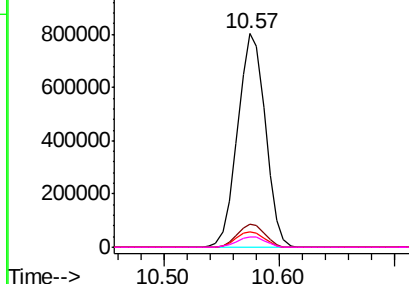
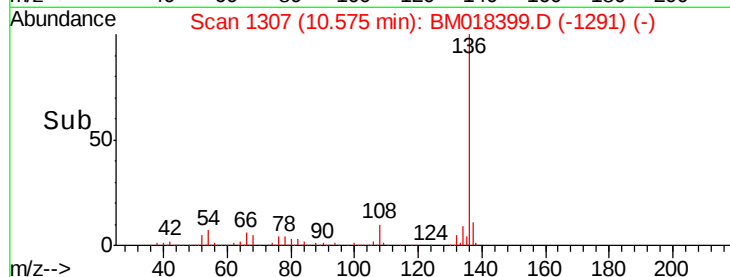
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM018399.D
Acq: 27 Dec 2018 16:53

Instrument :
BNA_M
ClientSampleId :
PB116036BL

Tgt Ion:136 Resp: 1335975
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 7.4 6.0 9.0
68 5.0 4.5 6.7

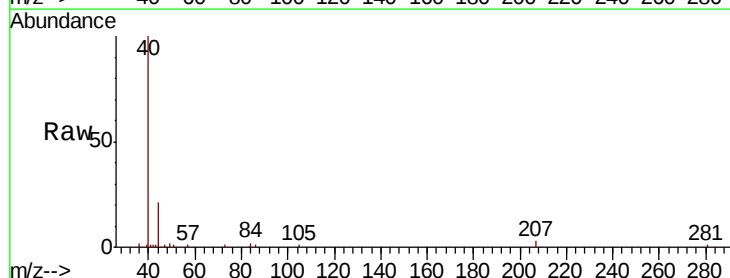


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

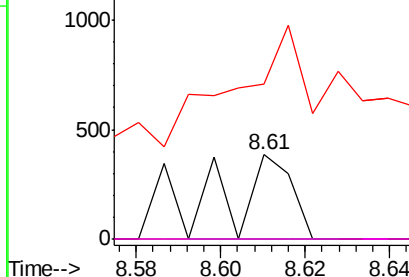
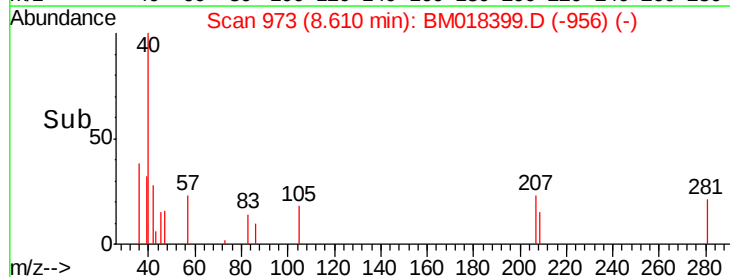


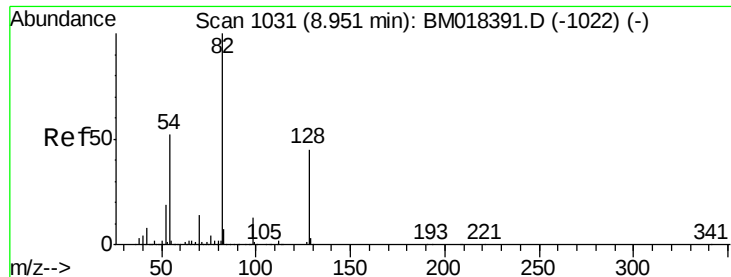
#22
Acetophenone
Concen: 0.011 ng
RT: 8.61 min Scan# 973
Delta R.T. 0.00 min
Lab File: BM018399.D
Acq: 27 Dec 2018 16:53

Tgt Ion:105 Resp: 374
Ion Ratio Lower Upper
105 100
71 0.0 1.7 2.5#
51 184.2 22.6 34.0#
120 0.0 18.3 27.5#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E

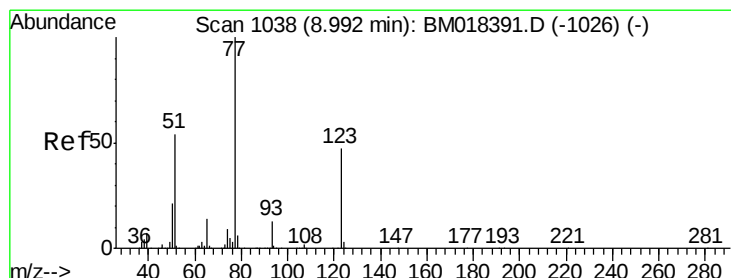
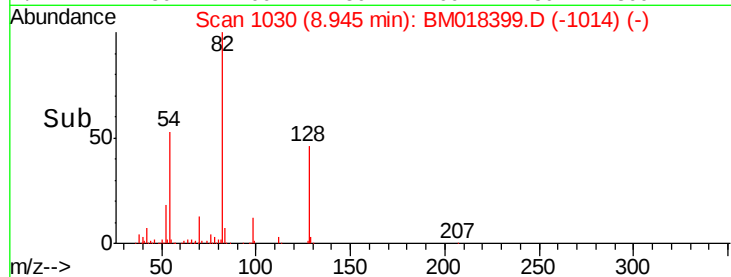
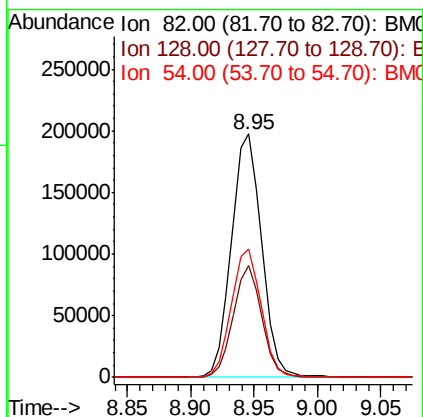
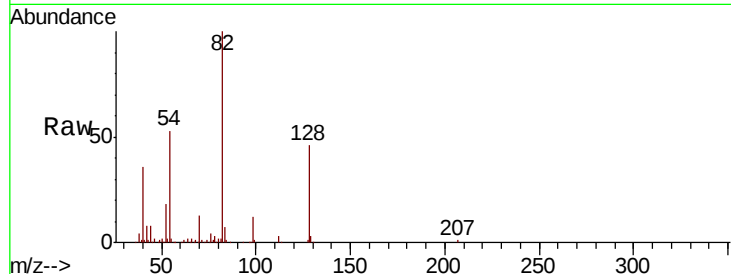




#23
 Nitrobenzene-d5
 Concen: 13.982 ng
 RT: 8.95 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BM018399.D
 Acq: 27 Dec 2018 16:53

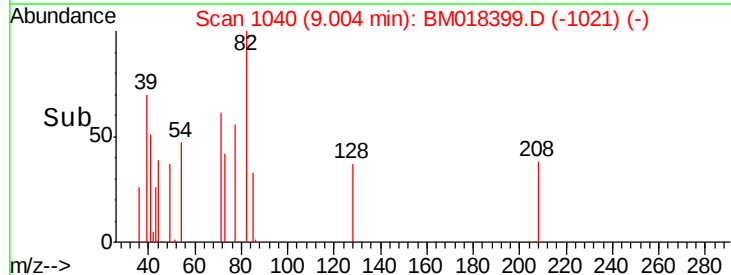
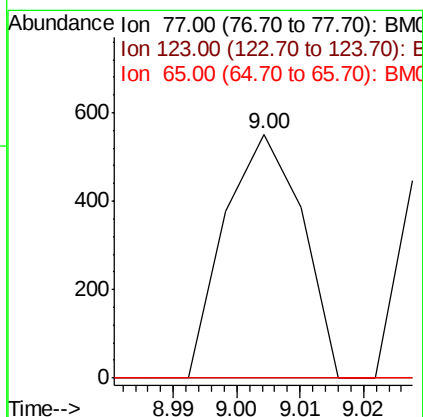
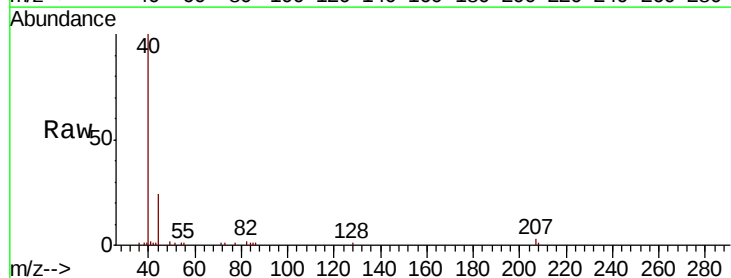
Instrument :
 BNA_M
 ClientSampleId :
 PB116036BL

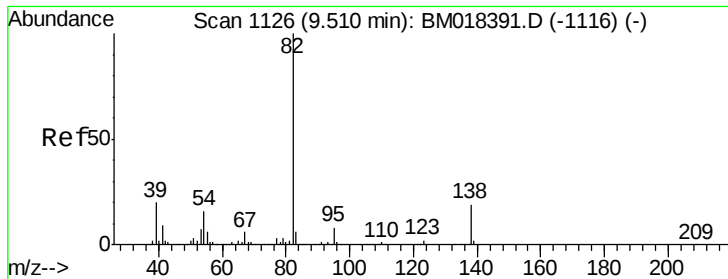
Tgt Ion: 82 Resp: 325460
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.3 54.5
 54 53.0 41.7 62.5



#24
 Nitrobenzene
 Concen: 0.020 ng
 RT: 9.00 min Scan# 1040
 Delta R.T. 0.01 min
 Lab File: BM018399.D
 Acq: 27 Dec 2018 16:53

Tgt Ion: 77 Resp: 463
 Ion Ratio Lower Upper
 77 100
 123 0.0 37.7 56.5#
 65 0.0 11.0 16.6#





#25

Isophorone

Concen: 0.004 ng

RT: 9.50 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BM018399.D

Acq: 27 Dec 2018 16:53

Instrument :

BNA_M

ClientSampleId :

PB116036BL

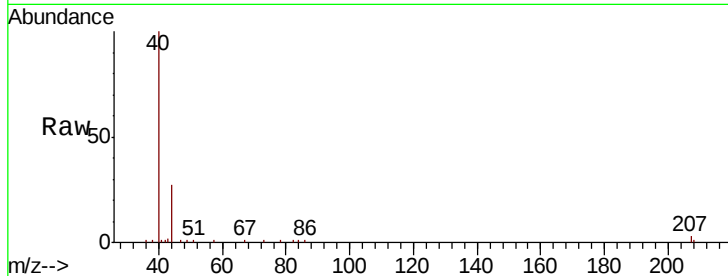
Tgt Ion: 82 Resp: 144

Ion Ratio Lower Upper

82 100

95 0.0 6.1 9.1#

138 0.0 15.1 22.7#

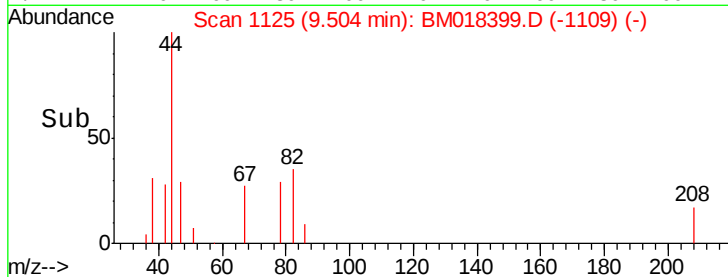


Abundance Ion 82.00 (81.70 to 82.70): BM018399.D (-1116) (-)

Ion 95.00 (94.70 to 95.70): BM018399.D (-1116) (-)

Ion 138.00 (137.70 to 138.70): BM018399.D (-1116) (-)

Time-->

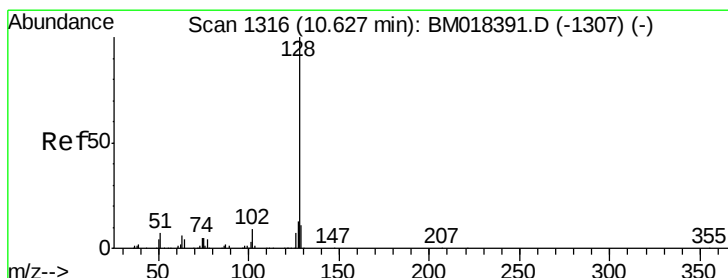


Abundance Ion 82.00 (81.70 to 82.70): BM018399.D (-1109) (-)

Ion 95.00 (94.70 to 95.70): BM018399.D (-1109) (-)

Ion 138.00 (137.70 to 138.70): BM018399.D (-1109) (-)

Time-->



#31

Naphthalene

Concen: 0.008 ng

RT: 10.63 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BM018399.D

Acq: 27 Dec 2018 16:53

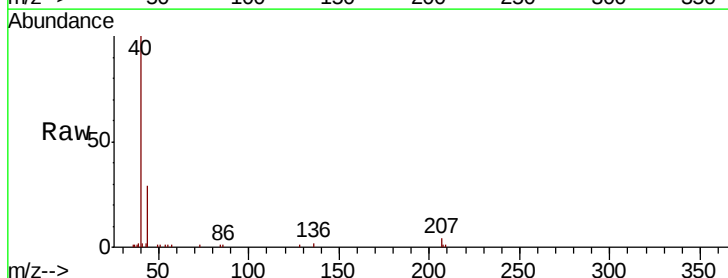
Tgt Ion: 128 Resp: 504

Ion Ratio Lower Upper

128 100

129 0.0 8.7 13.1#

127 0.0 10.8 16.2#

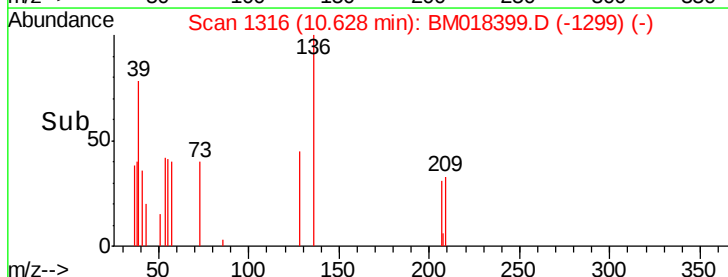


Abundance Ion 128.00 (127.70 to 128.70): BM018399.D (-1299) (-)

Ion 129.00 (128.70 to 129.70): BM018399.D (-1299) (-)

Ion 127.00 (126.70 to 127.70): BM018399.D (-1299) (-)

Time-->

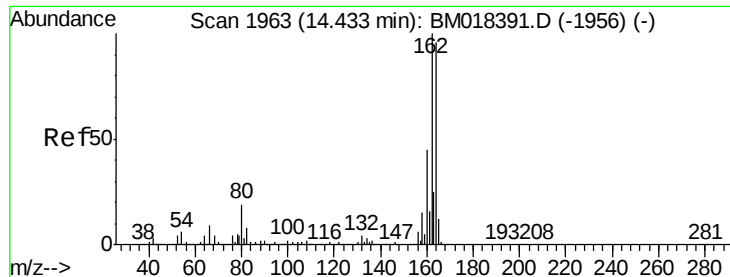


Abundance Ion 128.00 (127.70 to 128.70): BM018399.D (-1299) (-)

Ion 129.00 (128.70 to 129.70): BM018399.D (-1299) (-)

Ion 127.00 (126.70 to 127.70): BM018399.D (-1299) (-)

Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.43 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BM018399.D

Acq: 27 Dec 2018 16:53

Instrument :

BNA_M

ClientSampleId :

PB116036BL

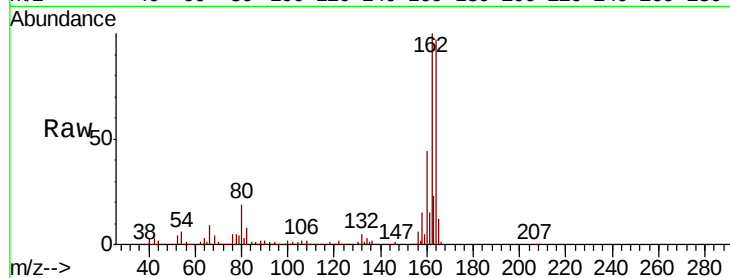
Tgt Ion:164 Resp: 850978

Ion Ratio Lower Upper

164 100

162 103.3 83.0 124.4

160 45.6 37.1 55.7

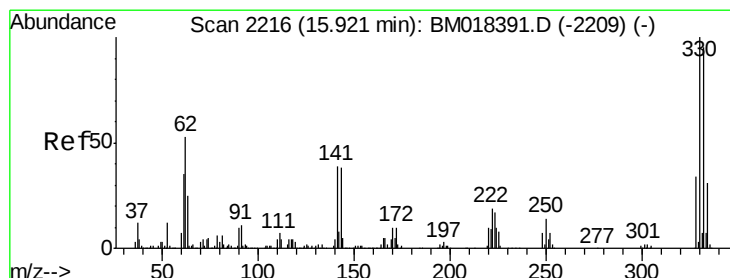
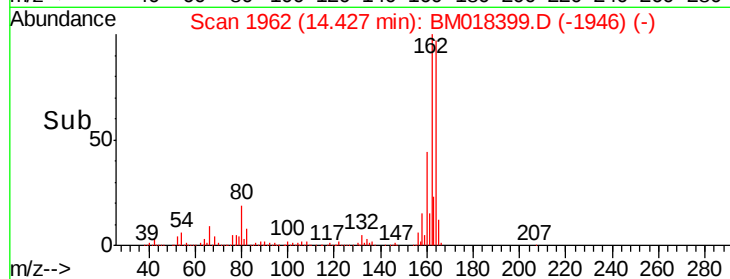
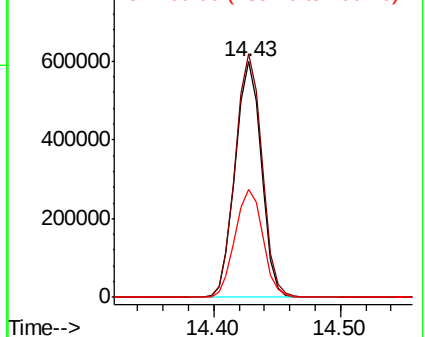


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 13.413 ng

RT: 15.92 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BM018399.D

Acq: 27 Dec 2018 16:53

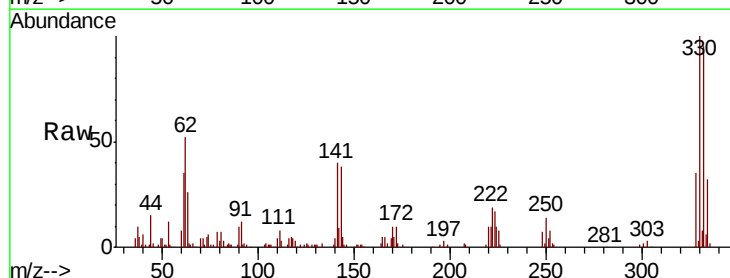
Tgt Ion:330 Resp: 145031

Ion Ratio Lower Upper

330 100

332 95.7 77.6 116.4

141 38.6 31.7 47.5

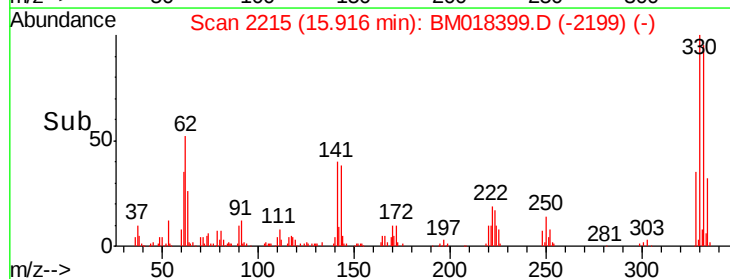
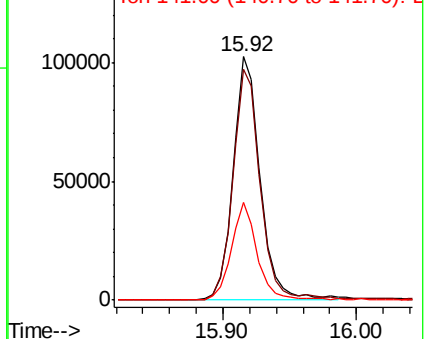


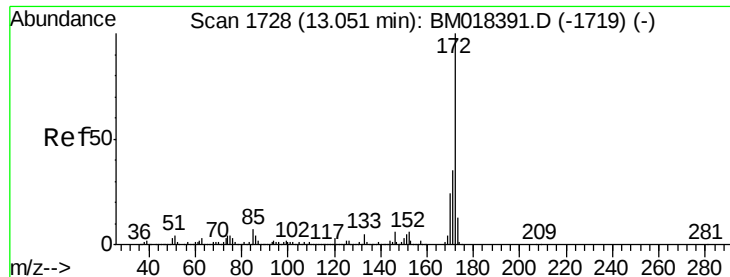
Abundance

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

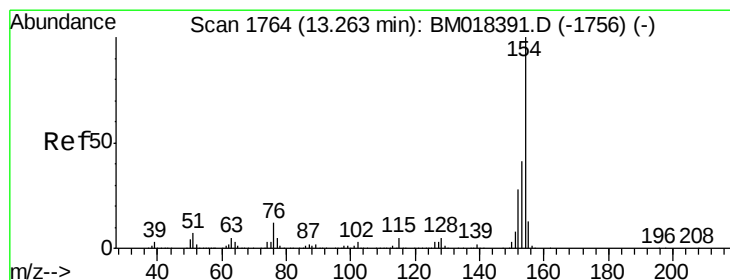
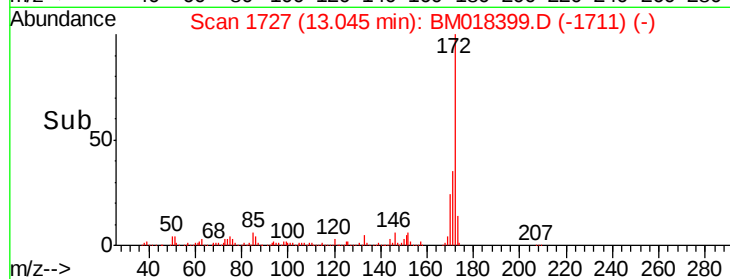
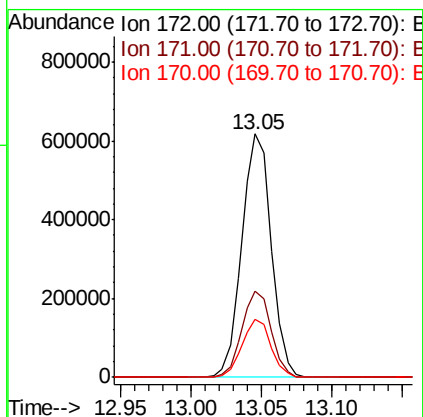
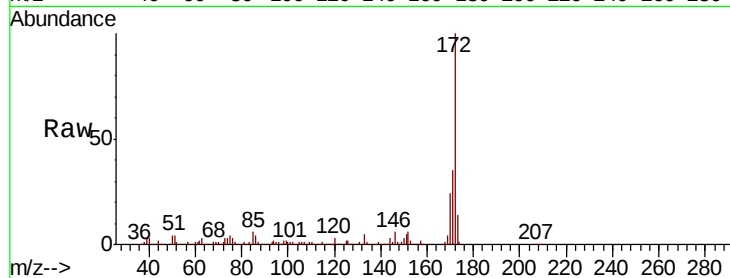




#45
2-Fluorobiphenyl
Concen: 14.323 ng
RT: 13.05 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BM018399.D
Acq: 27 Dec 2018 16:53

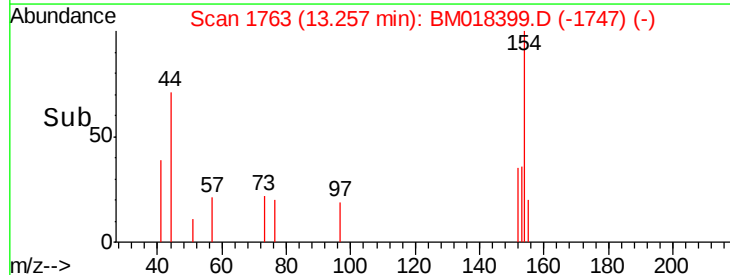
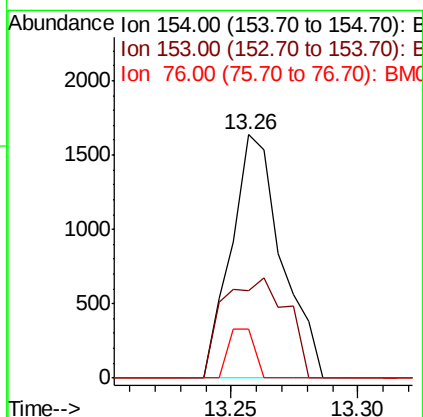
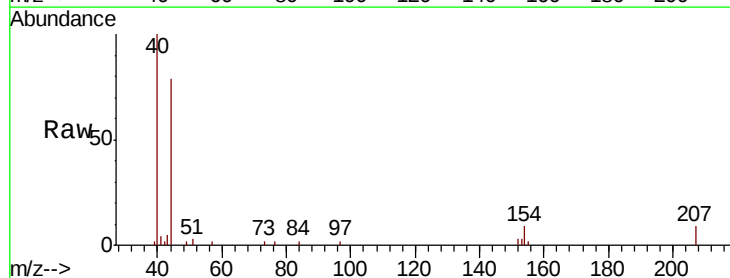
Instrument :
BNA_M
ClientSampleId :
PB116036BL

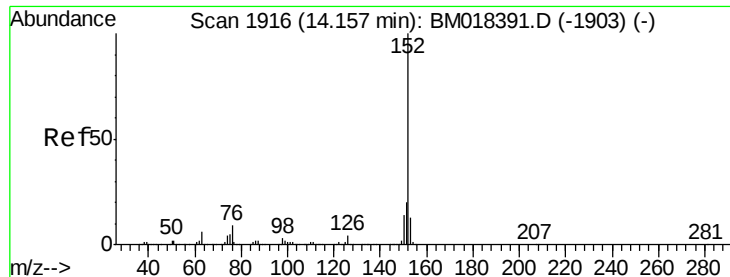
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.4
170	23.8	18.9	28.3



#46
1,1'-Biphenyl
Concen: 0.031 ng
RT: 13.26 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BM018399.D
Acq: 27 Dec 2018 16:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	36.1	20.5	60.5
76	20.3	0.0	31.9





#49

Acenaphthylene

Concen: 0.003 ng

RT: 14.15 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BM018399.D

Acq: 27 Dec 2018 16:53

Instrument :

BNA_M

ClientSampleId :

PB116036BL

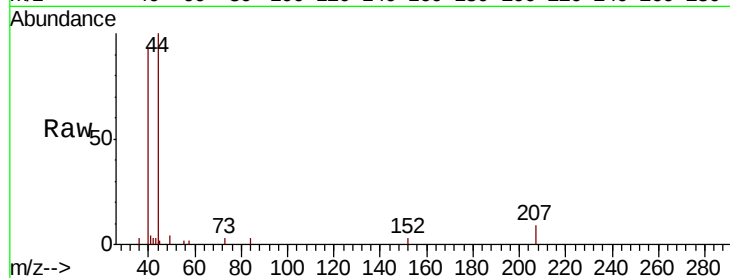
Tgt Ion:152 Resp: 270

Ion Ratio Lower Upper

152 100

151 0.0 15.7 23.5#

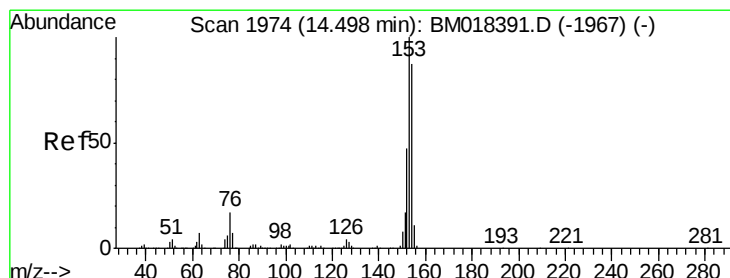
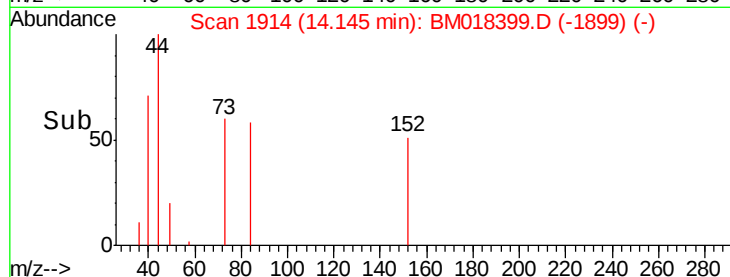
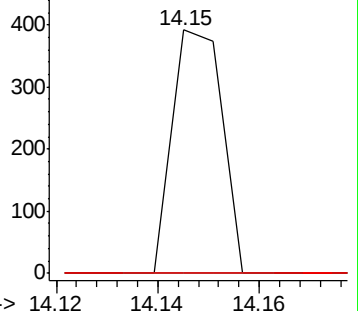
153 0.0 10.5 15.7#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#52

Acenaphthene

Concen: 0.070 ng

RT: 14.43 min Scan# 1963

Delta R.T. -0.06 min

Lab File: BM018399.D

Acq: 27 Dec 2018 16:53

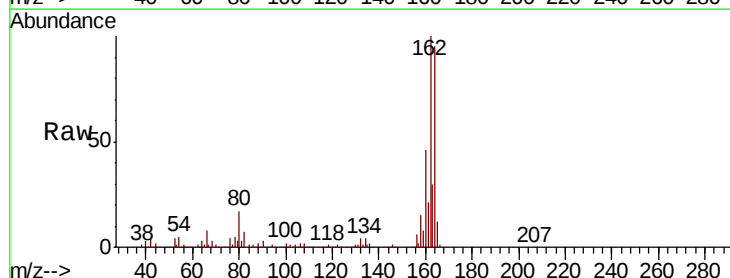
Tgt Ion:154 Resp: 3603

Ion Ratio Lower Upper

154 100

153 0.0 92.3 138.5#

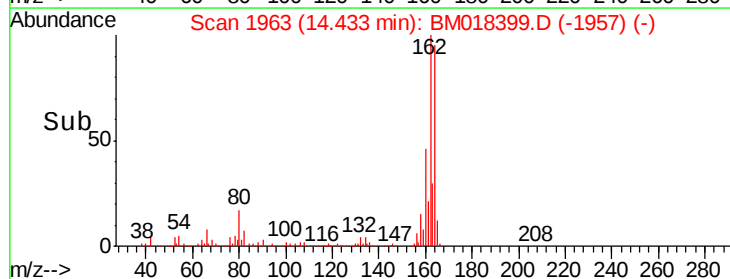
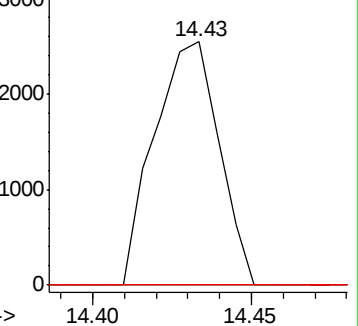
152 0.0 43.8 65.6#

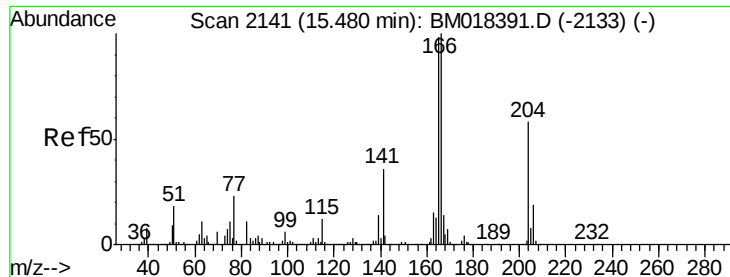


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#58

Fluorene

Concen: 0.023 ng

RT: 15.48 min Scan# 2141

Delta R.T. 0.00 min

Lab File: BM018399.D

Acq: 27 Dec 2018 16:53

Instrument :

BNA_M

ClientSampleId :

PB116036BL

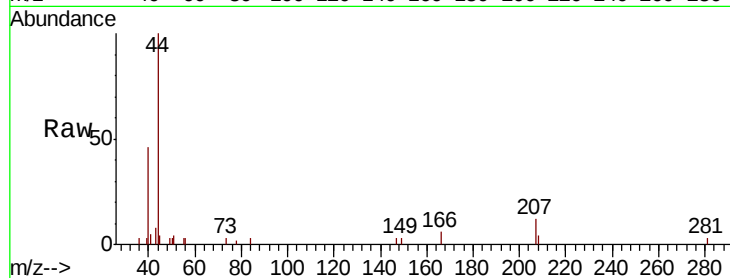
Tgt Ion:166 Resp: 1497

Ion Ratio Lower Upper

166 100

165 0.0 78.3 117.5#

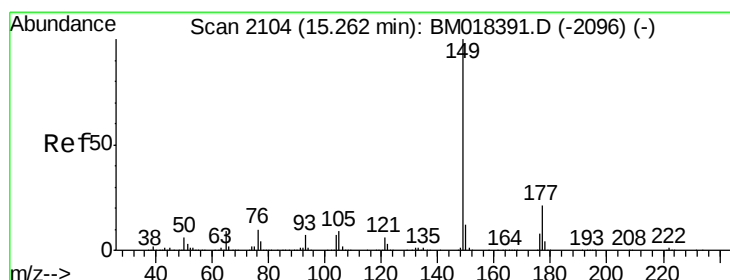
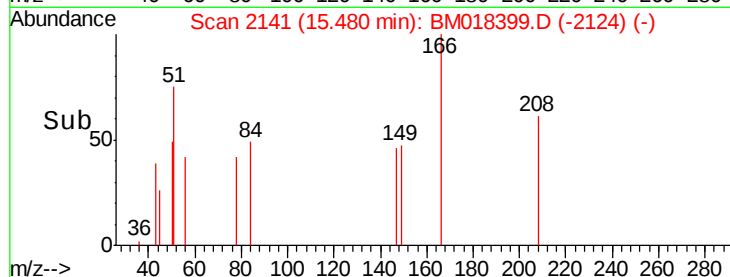
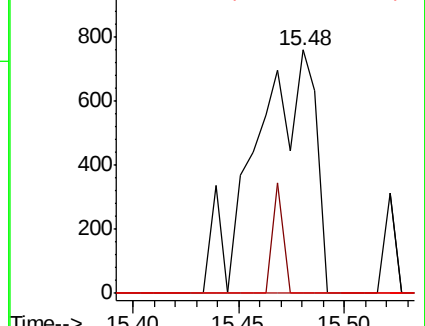
167 0.0 10.9 16.3#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

Diethylphthalate

Concen: 0.097 ng

RT: 15.26 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BM018399.D

Acq: 27 Dec 2018 16:53

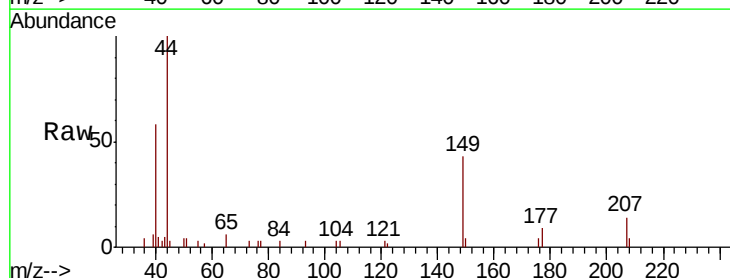
Tgt Ion:149 Resp: 7223

Ion Ratio Lower Upper

149 100

177 21.7 17.1 25.7

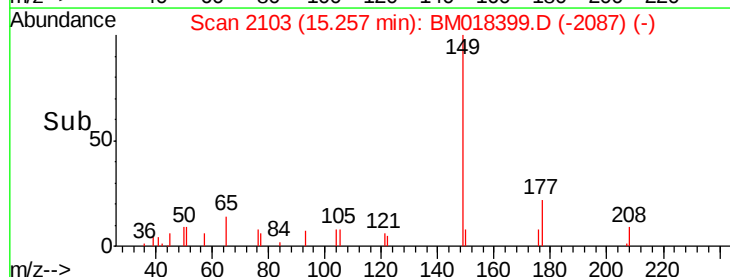
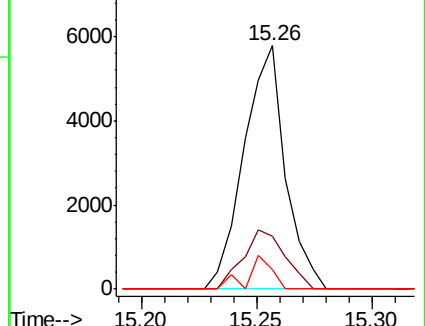
150 8.1 9.8 14.6#

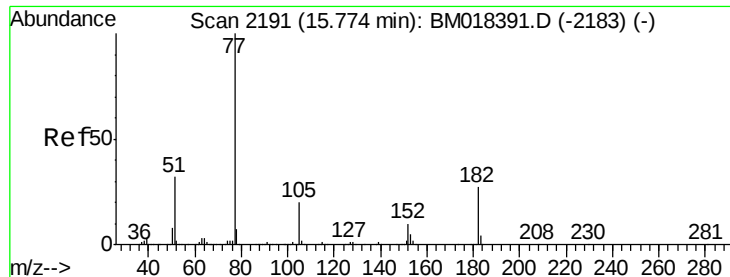


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#63

Azobenzene

Concen: 0.003 ng

RT: 15.77 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BM018399.D

Acq: 27 Dec 2018 16:53

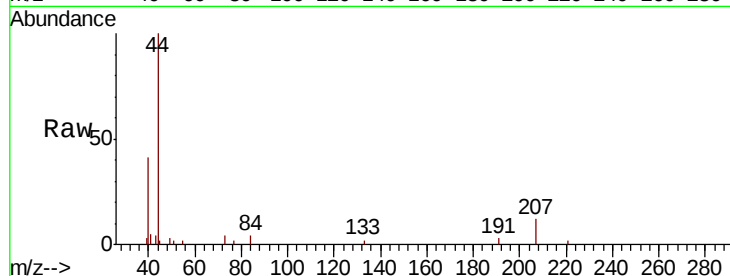
Instrument :

BNA_M

ClientSampleId :

PB116036BL

Tgt Ion:	77	Resp:	226
Ion	Ratio	Lower	Upper
77	100		
182	0.0	7.4	47.4#
105	0.0	0.0	39.6
51	107.7	12.0	52.0#

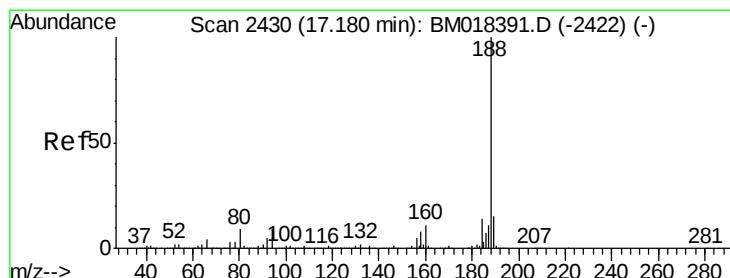
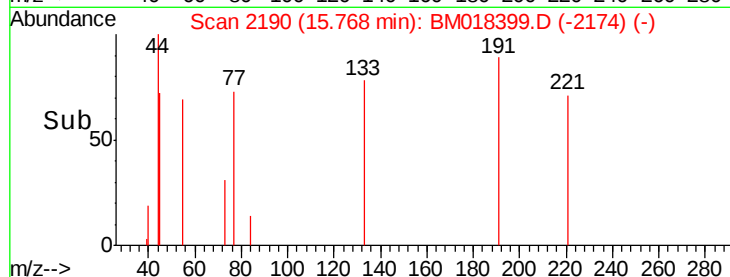
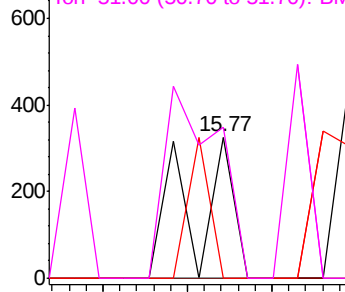


Abundance Ion 77.00 (76.70 to 77.70): BM018399.D (-2174) (-)

Ion 182.00 (181.70 to 182.70): BM018399.D (-2174) (-)

Ion 105.00 (104.70 to 105.70): BM018399.D (-2174) (-)

Ion 51.00 (50.70 to 51.70): BM018399.D (-2174) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

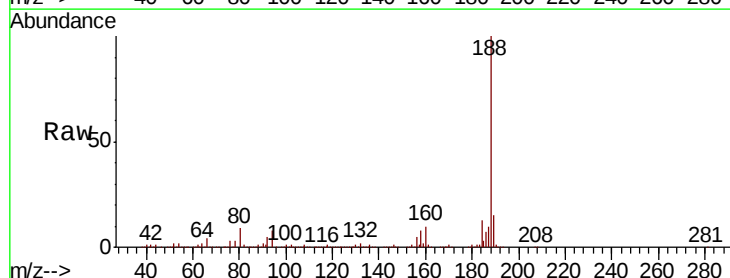
RT: 17.17 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BM018399.D

Acq: 27 Dec 2018 16:53

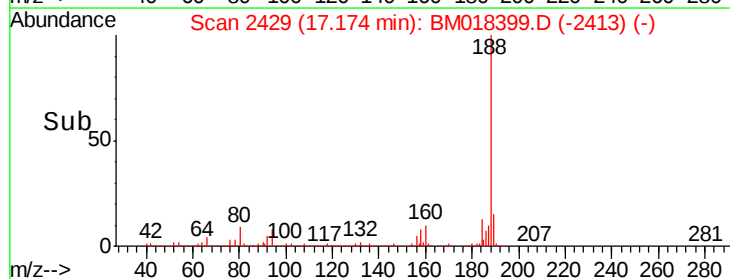
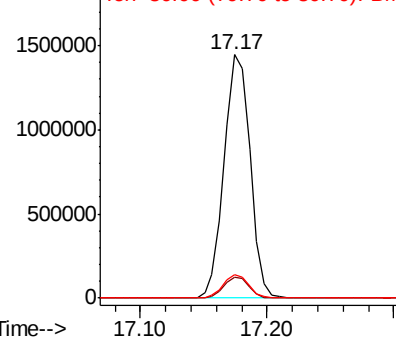
Tgt Ion:	188	Resp:	2054960
Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.1	10.7
80	9.4	7.6	11.4

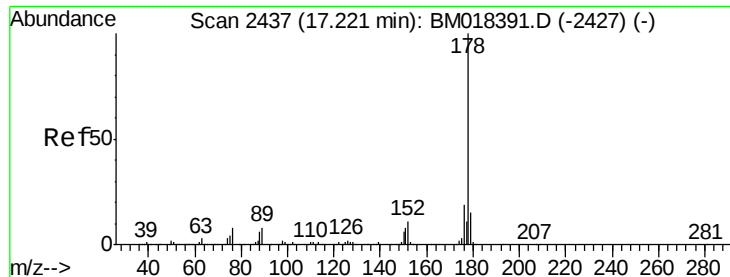


Abundance Ion 188.00 (187.70 to 188.70): BM018399.D (-2413) (-)

Ion 94.00 (93.70 to 94.70): BM018399.D (-2413) (-)

Ion 80.00 (79.70 to 80.70): BM018399.D (-2413) (-)





#71

Phenanthrene

Concen: 0.006 ng

RT: 17.22 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BM018399.D

Acq: 27 Dec 2018 16:53

Instrument :

BNA_M

ClientSampleId :

PB116036BL

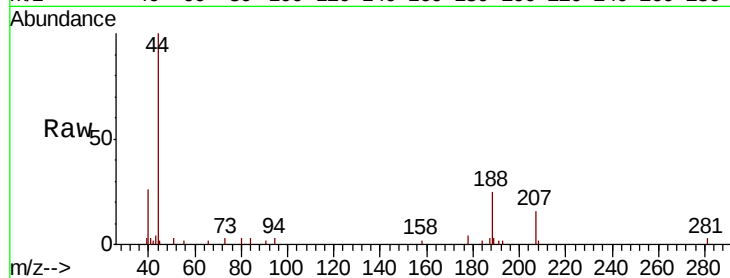
Tgt Ion:178 Resp: 703

Ion Ratio Lower Upper

178 100

176 0.0 15.4 23.0#

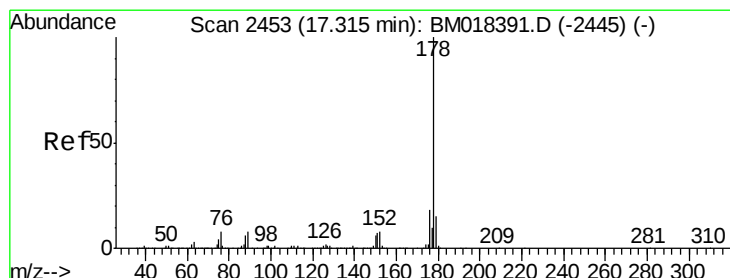
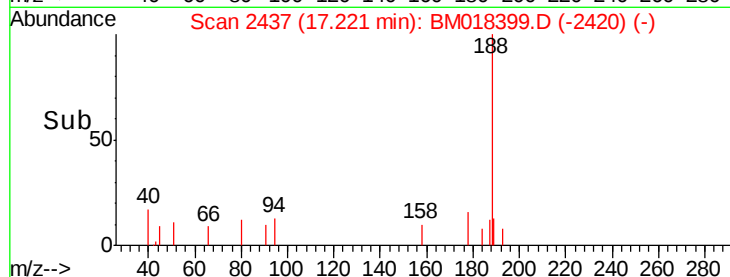
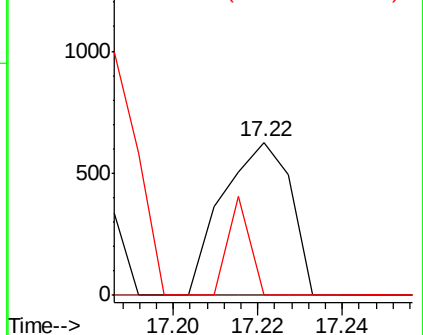
179 0.0 12.2 18.4#



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: 0.003 ng

RT: 17.31 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BM018399.D

Acq: 27 Dec 2018 16:53

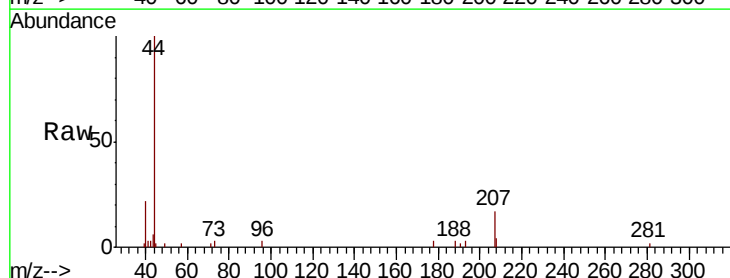
Tgt Ion:178 Resp: 311

Ion Ratio Lower Upper

178 100

176 0.0 14.7 22.1#

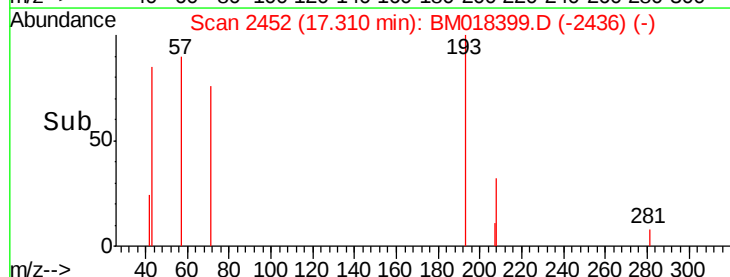
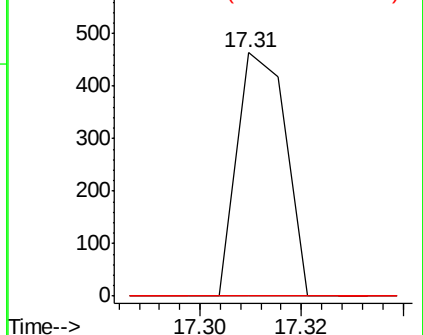
179 0.0 12.2 18.4#

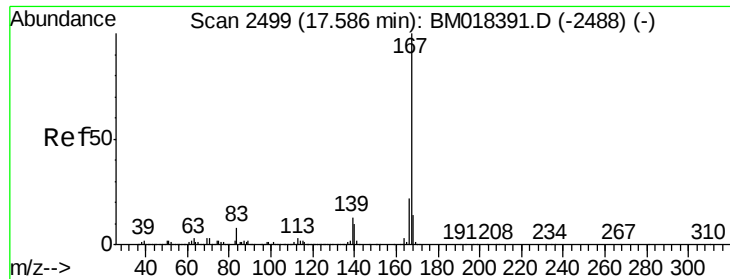


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

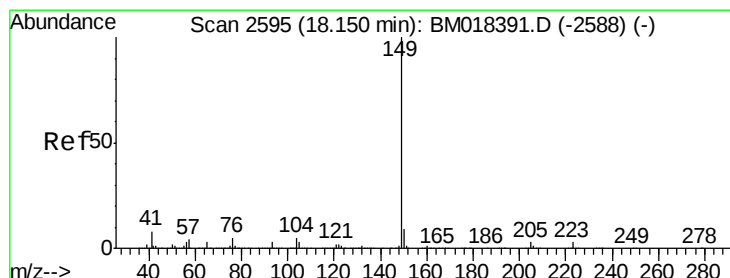
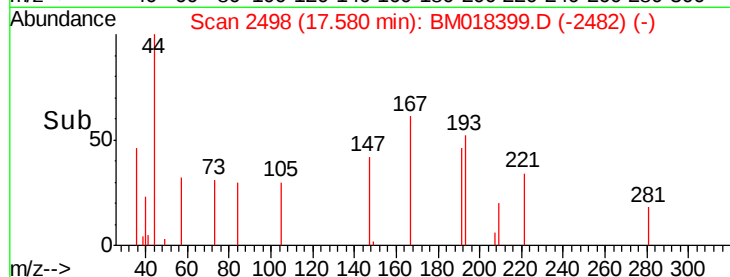
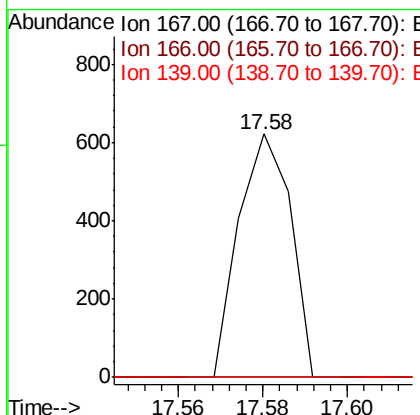
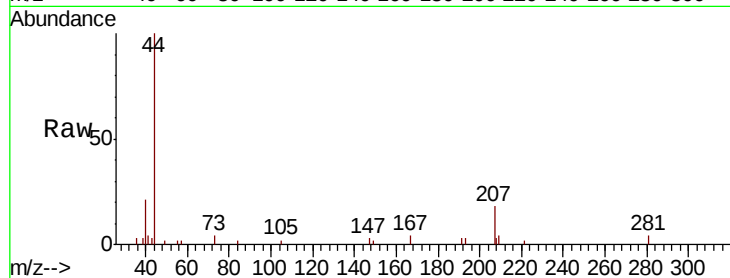




#73
 Carbazole
 Concen: 0.005 ng
 RT: 17.58 min Scan# 2498
 Delta R.T. -0.01 min
 Lab File: BM018399.D
 Acq: 27 Dec 2018 16:53

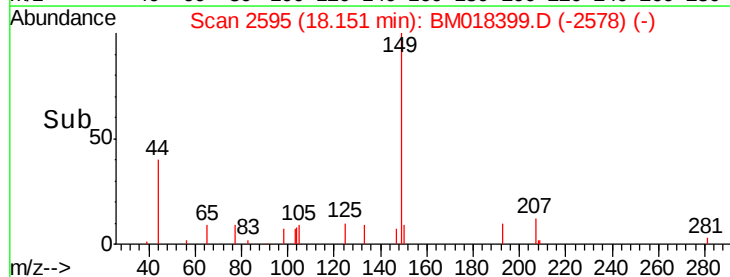
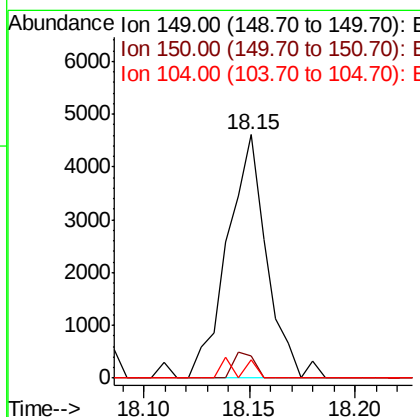
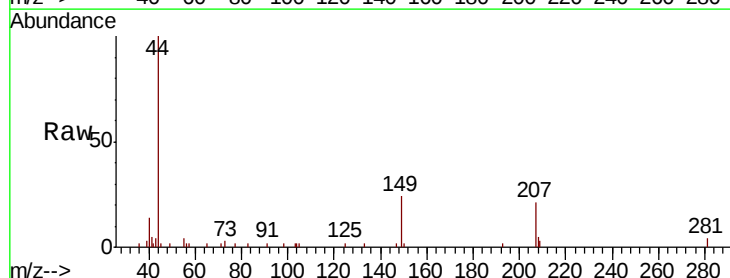
Instrument :
 BNA_M
 ClientSampleId :
 PB116036BL

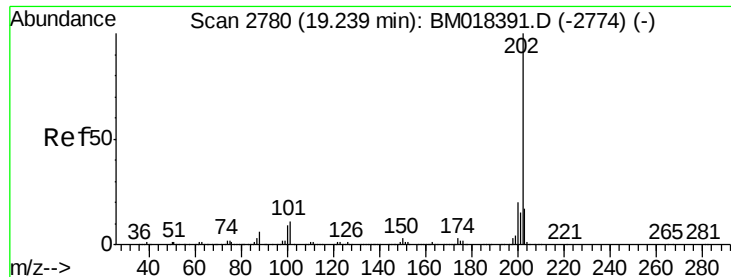
Tgt Ion	Ratio	Lower	Upper
167	100		
166	0.0	17.4	26.2#
139	0.0	10.6	16.0#



#74
 Di-n-butylphthalate
 Concen: 0.046 ng
 RT: 18.15 min Scan# 2595
 Delta R.T. 0.00 min
 Lab File: BM018399.D
 Acq: 27 Dec 2018 16:53

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.3	10.9
104	7.8	4.2	6.4#





#75

Fluoranthene

Concen: 0.006 ng

RT: 19.23 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BM018399.D

Acq: 27 Dec 2018 16:53

Instrument :

BNA_M

ClientSampleId :

PB116036BL

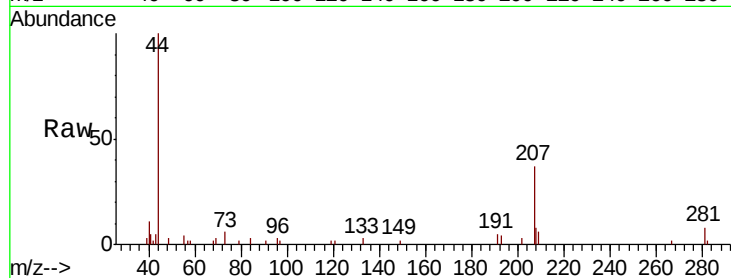
Tgt Ion: 202 Resp: 732

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.9

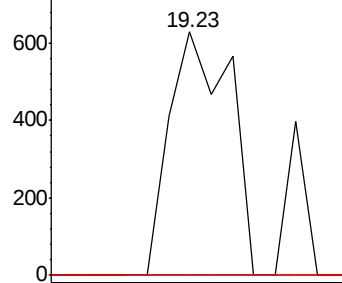
203 0.0 0.0 37.4



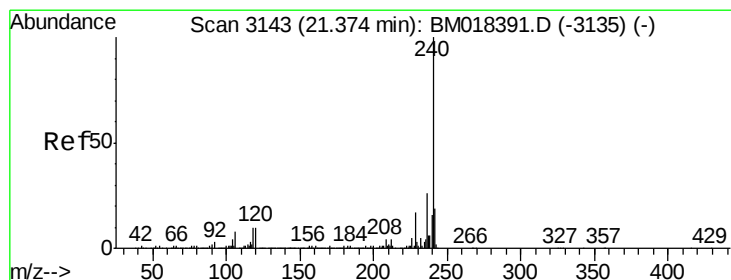
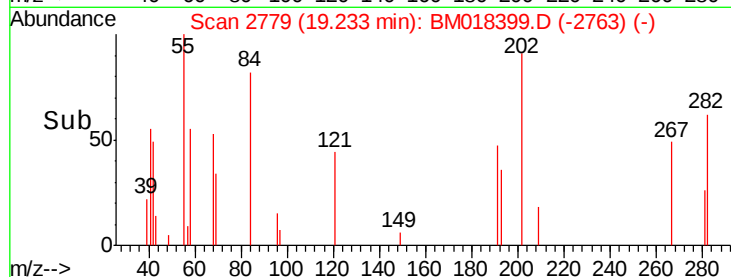
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.37 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BM018399.D

Acq: 27 Dec 2018 16:53

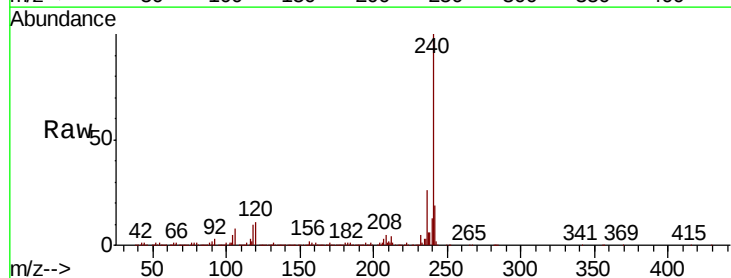
Tgt Ion: 240 Resp: 2309459

Ion Ratio Lower Upper

240 100

120 10.9 8.4 12.6

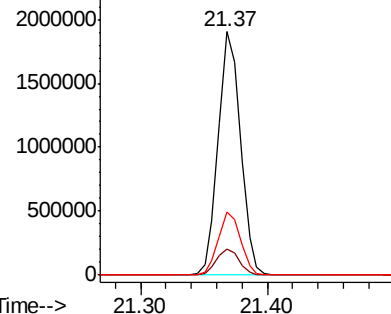
236 25.9 20.7 31.1



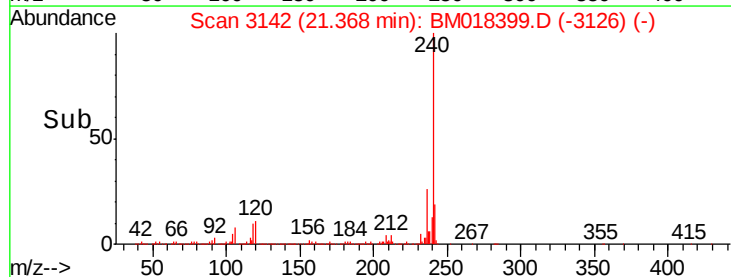
Abundance Ion 240.00 (239.70 to 240.70): E

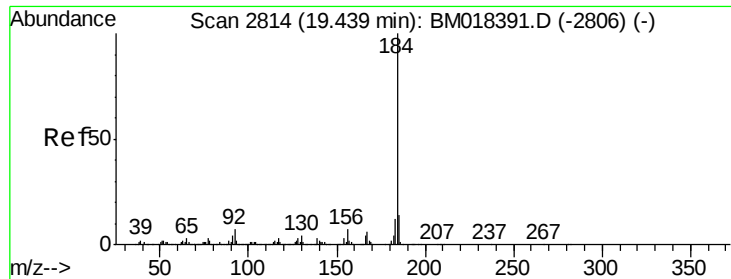
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 0.006 ng

RT: 19.44 min Scan# 2815

Delta R.T. 0.01 min

Lab File: BM018399.D

Acq: 27 Dec 2018 16:53

Instrument :

BNA_M

ClientSampleId :

PB116036BL

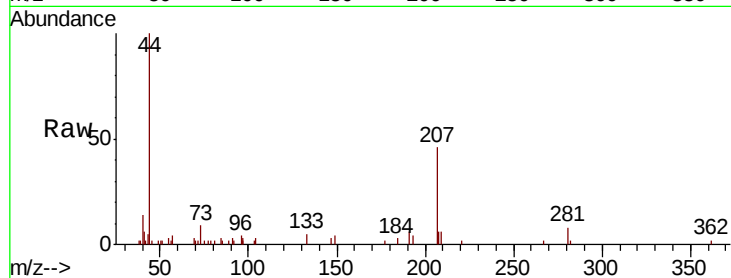
Tgt Ion:184 Resp: 381

Ion Ratio Lower Upper

184 100

185 0.0 11.4 17.0#

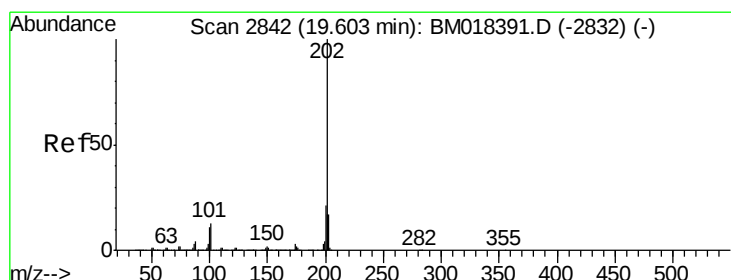
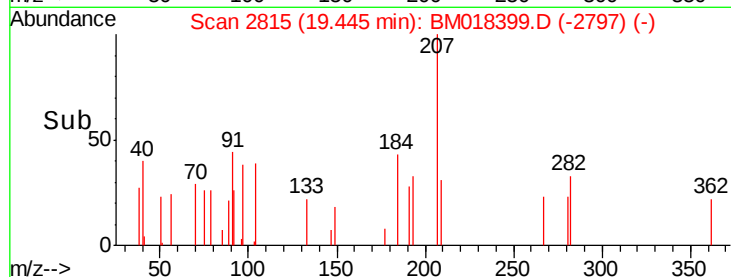
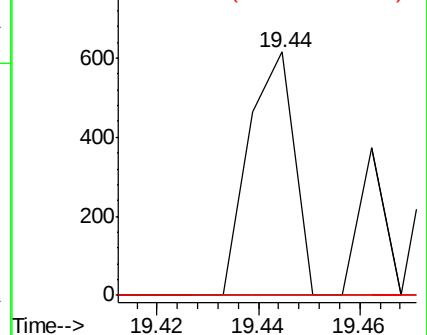
183 0.0 9.5 14.3#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 0.008 ng

RT: 19.60 min Scan# 2842

Delta R.T. 0.00 min

Lab File: BM018399.D

Acq: 27 Dec 2018 16:53

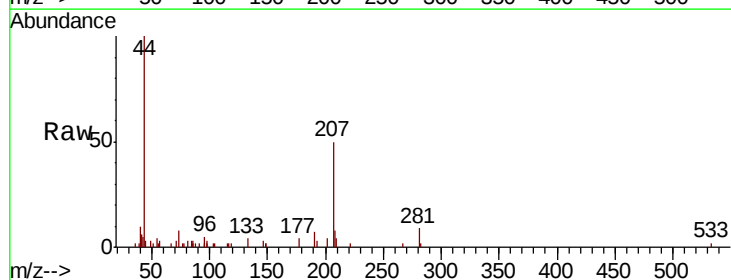
Tgt Ion:202 Resp: 1023

Ion Ratio Lower Upper

202 100

200 0.0 16.6 24.8#

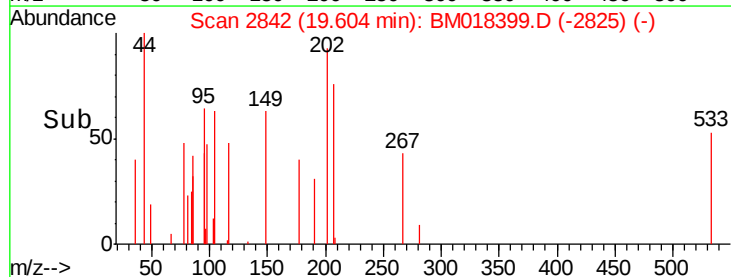
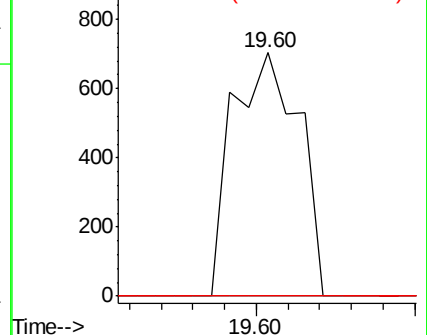
203 0.0 13.8 20.8#

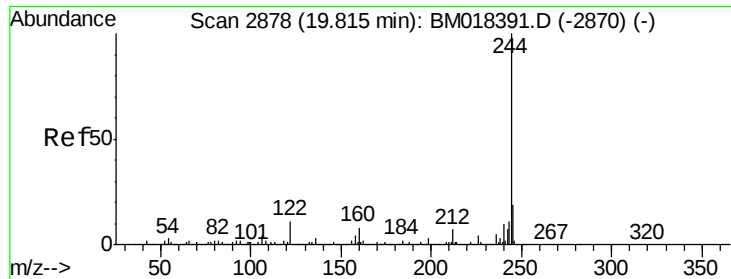


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 31.227 ng

RT: 19.81 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BM018399.D

Acq: 27 Dec 2018 16:53

Instrument :

BNA_M

ClientSampleId :

PB116036BL

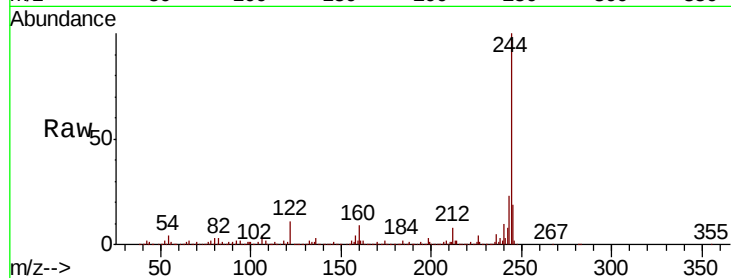
Tgt Ion:244 Resp: 3384378

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

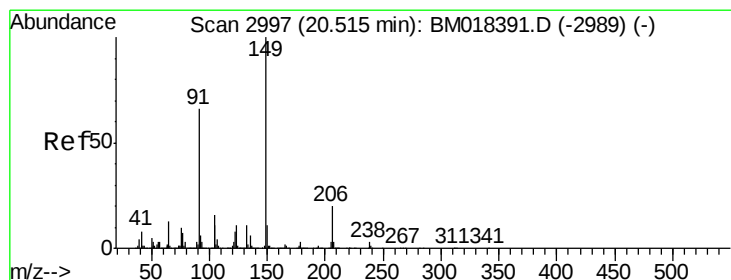
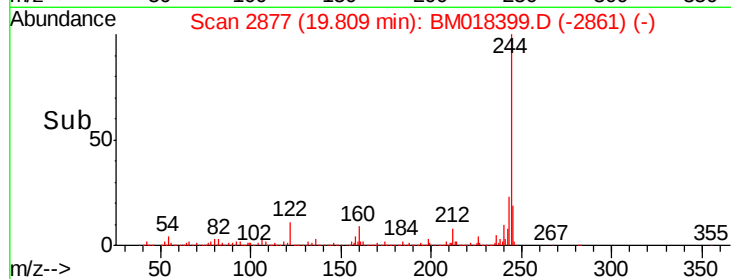
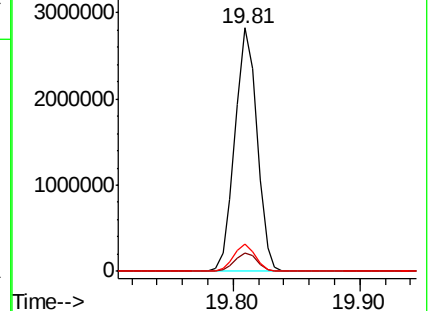
122 11.1 9.0 13.4



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: 6.637 ng

RT: 20.52 min Scan# 2997

Delta R.T. 0.00 min

Lab File: BM018399.D

Acq: 27 Dec 2018 16:53

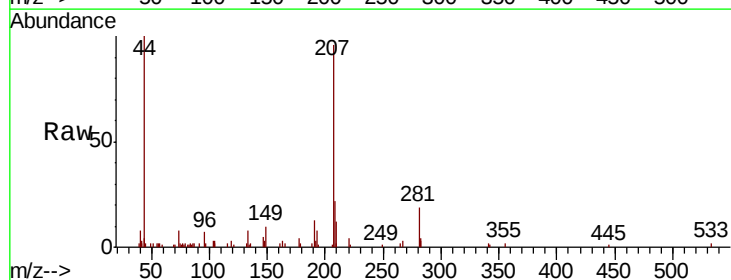
Tgt Ion:149 Resp: 221

Ion Ratio Lower Upper

149 100

91 23.0 53.1 79.7#

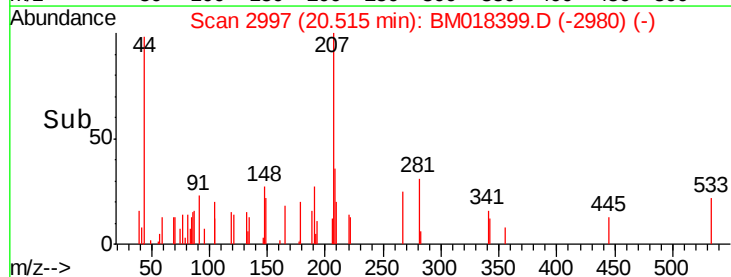
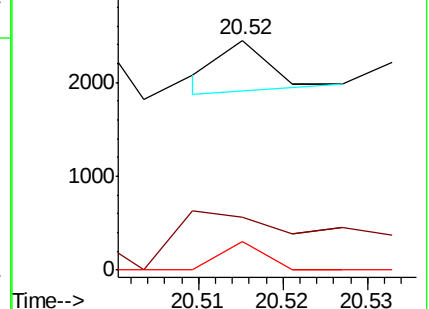
206 12.4 16.2 24.4#

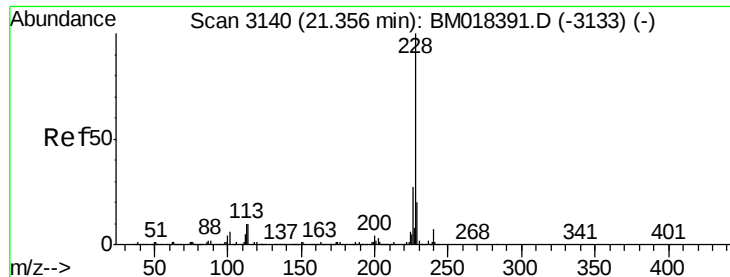


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.052 ng

RT: 21.37 min Scan# 3142

Delta R.T. 0.01 min

Lab File: BM018399.D

Acq: 27 Dec 2018 16:53

Instrument :

BNA_M

ClientSampleId :

PB116036BL

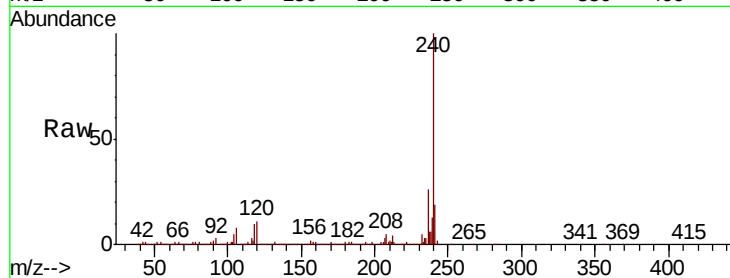
Tgt Ion:228 Resp: 7034

Ion Ratio Lower Upper

228 100

226 8.3 21.8 32.6#

229 30.6 15.8 23.8#

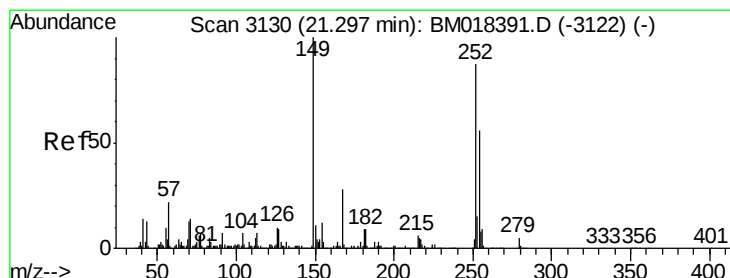
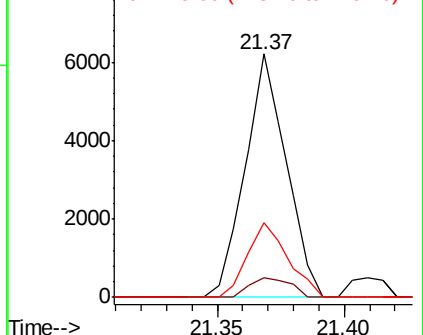
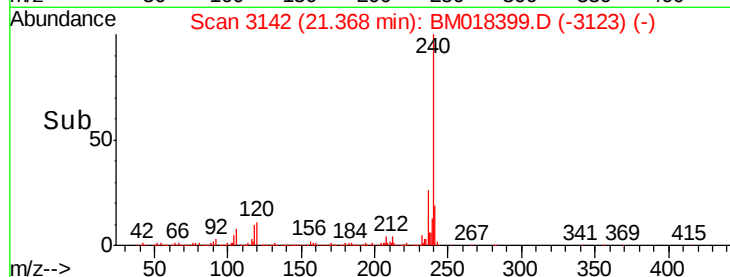


Abundance

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: 21.29 min Scan# 3128

Delta R.T. -0.01 min

Lab File: BM018399.D

Acq: 27 Dec 2018 16:53

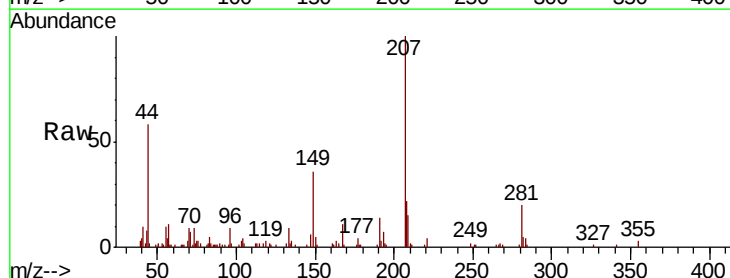
Tgt Ion:252 Resp: 252

Ion Ratio Lower Upper

252 100

254 0.0 51.4 77.0#

126 0.0 8.7 13.1#

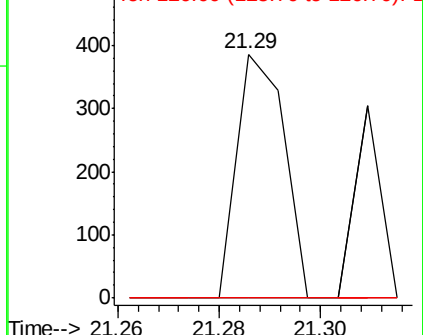
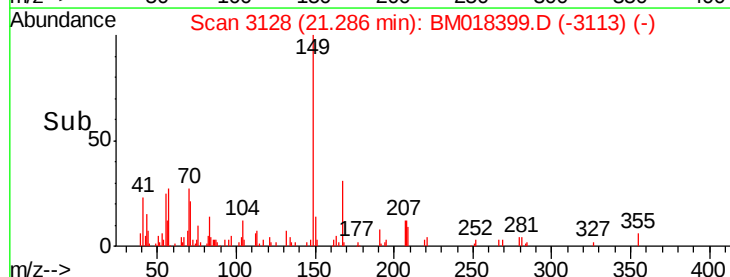


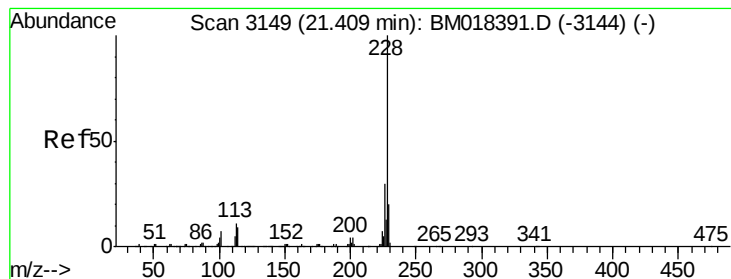
Abundance

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: 0.004 ng

RT: 21.41 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BM018399.D

Acq: 27 Dec 2018 16:53

Instrument :

BNA_M

ClientSampleId :

PB116036BL

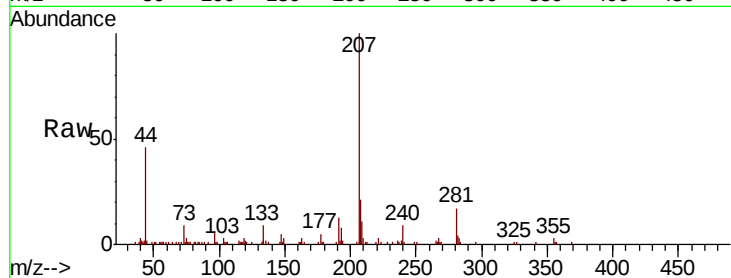
Tgt Ion:228 Resp: 477

Ion Ratio Lower Upper

228 100

226 0.0 24.2 36.2#

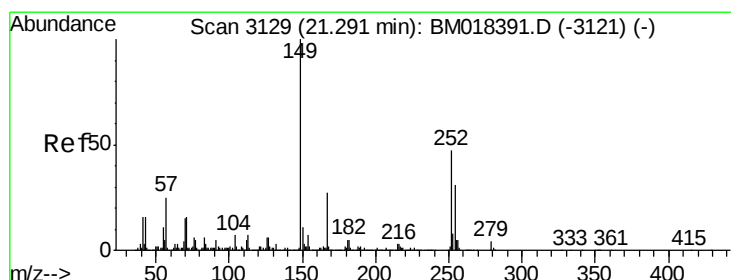
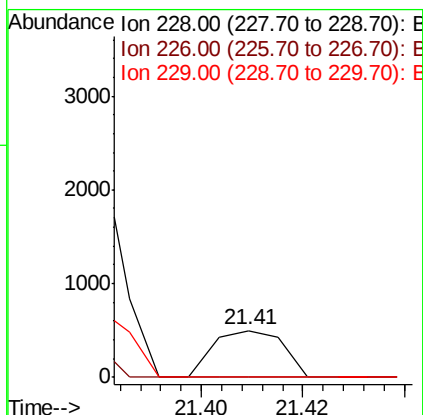
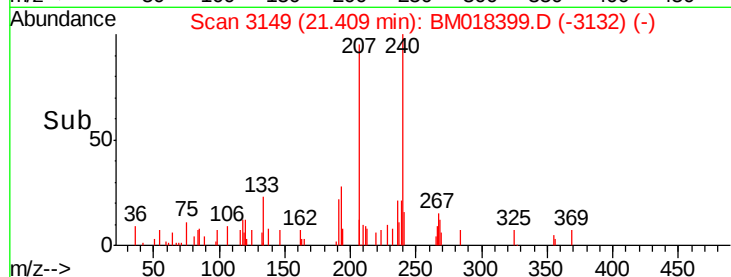
229 0.0 15.6 23.4#



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: 0.234 ng

RT: 21.29 min Scan# 3129

Delta R.T. 0.00 min

Lab File: BM018399.D

Acq: 27 Dec 2018 16:53

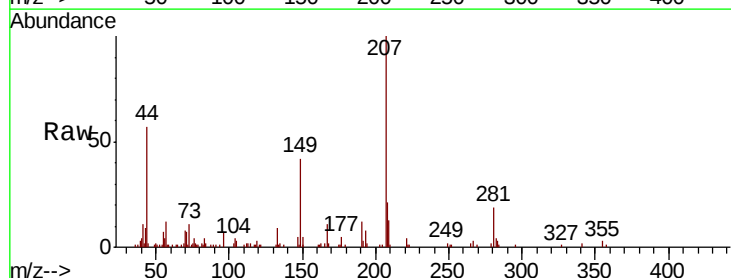
Tgt Ion:149 Resp: 21167

Ion Ratio Lower Upper

149 100

167 27.1 21.6 32.4

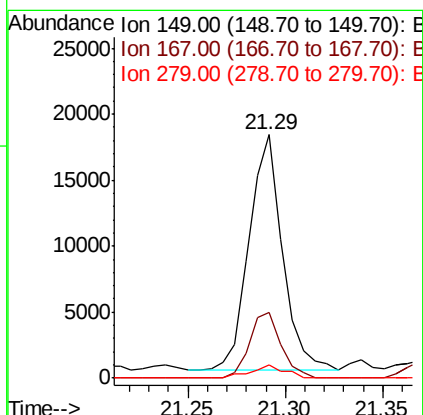
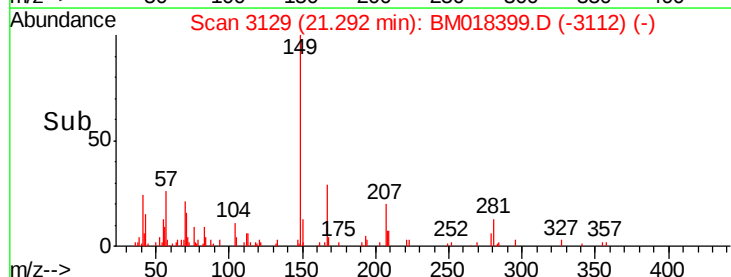
279 5.5 3.3 4.9#

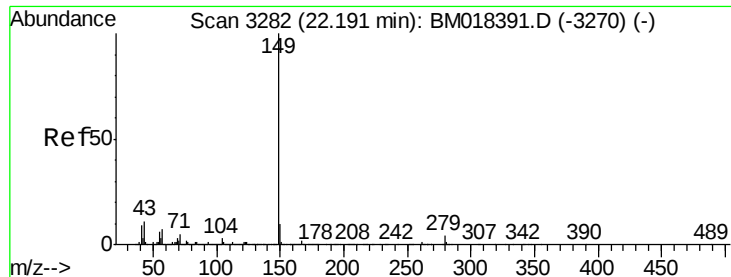


Abundance Ion 149.00 (148.70 to 149.70): E

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: 22.17 min Scan# 3278

Delta R.T. -0.02 min

Lab File: BM018399.D

Acq: 27 Dec 2018 16:53

Instrument :

BNA_M

ClientSampleId :

PB116036BL

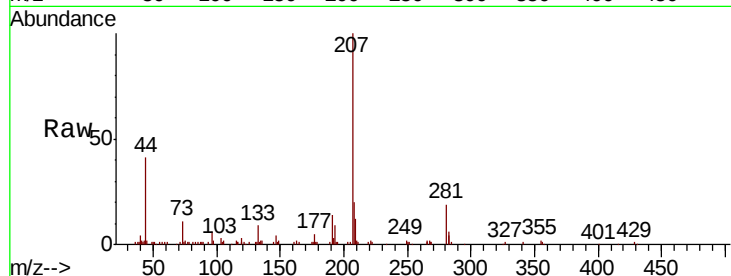
Tgt Ion:149 Resp: 722

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

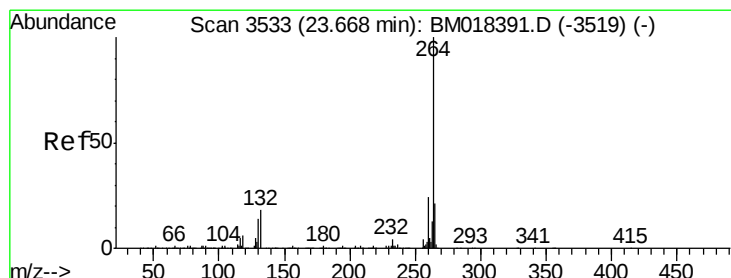
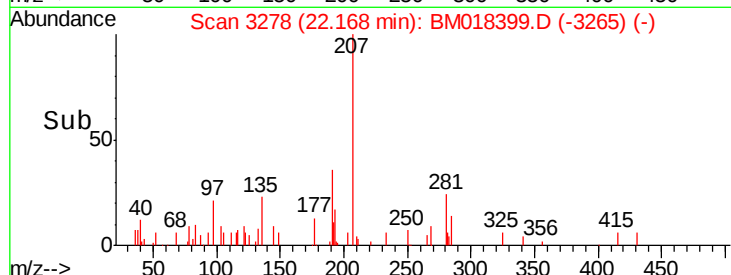
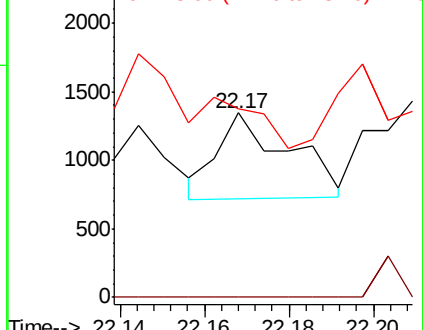
43 0.0 8.6 12.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.67 min Scan# 3533

Delta R.T. 0.00 min

Lab File: BM018399.D

Acq: 27 Dec 2018 16:53

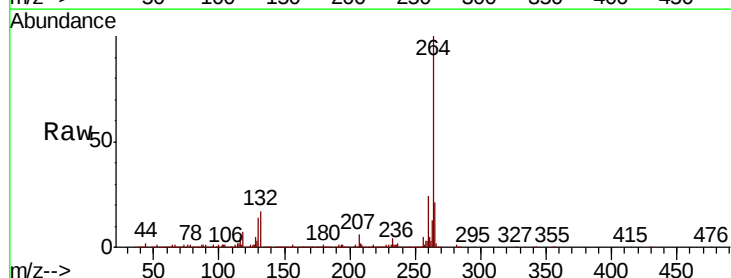
Tgt Ion:264 Resp: 2491717

Ion Ratio Lower Upper

264 100

260 24.1 18.9 28.3

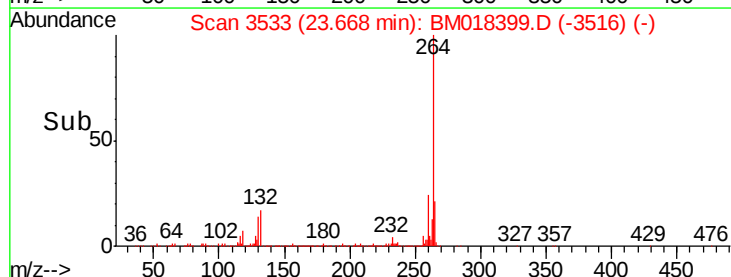
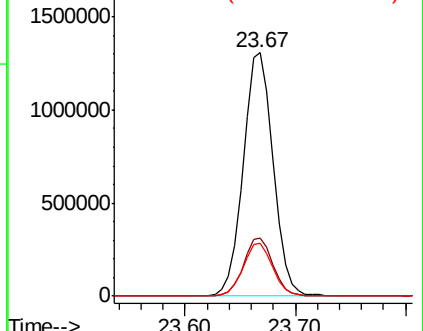
265 21.5 16.8 25.2

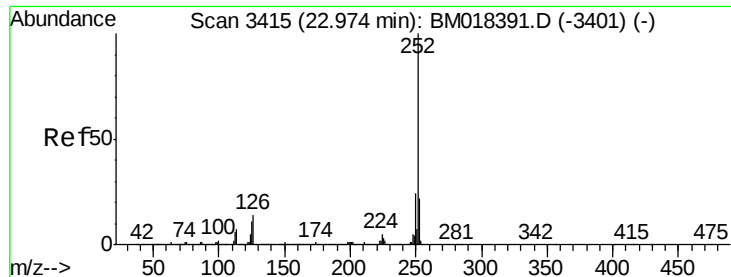


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 0.009 ng

RT: 22.99 min Scan# 3417

Delta R.T. 0.01 min

Lab File: BM018399.D

Acq: 27 Dec 2018 16:53

Instrument :

BNA_M

ClientSampleId :

PB116036BL

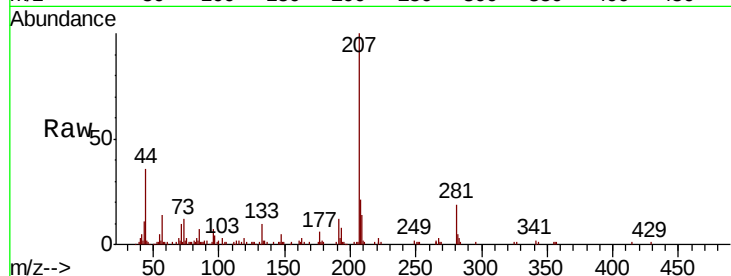
Tgt Ion:252 Resp: 1315

Ion Ratio Lower Upper

252 100

253 56.7 17.6 26.4#

125 109.4 8.5 12.7#

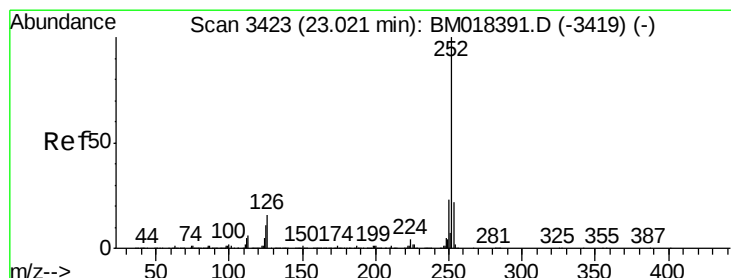
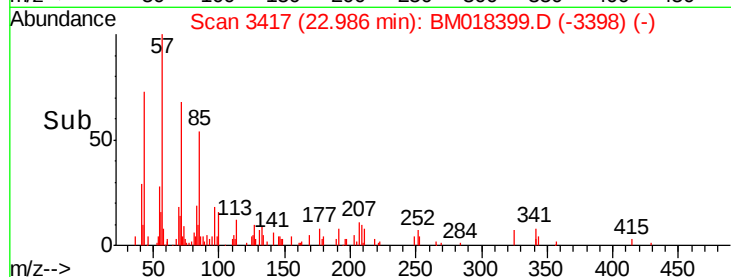
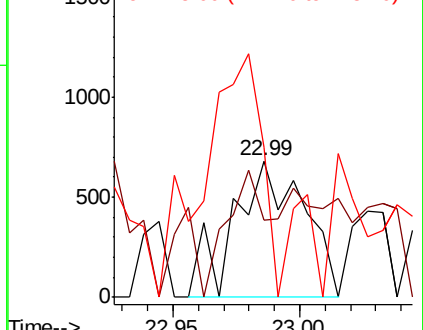


Abundance

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: 0.004 ng

RT: 23.03 min Scan# 3424

Delta R.T. 0.01 min

Lab File: BM018399.D

Acq: 27 Dec 2018 16:53

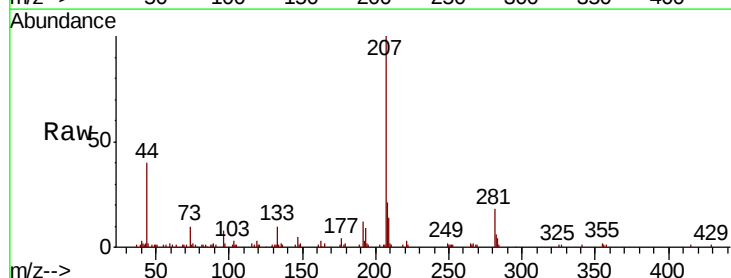
Tgt Ion:252 Resp: 547

Ion Ratio Lower Upper

252 100

253 103.5 17.4 26.0#

125 70.4 8.6 12.8#

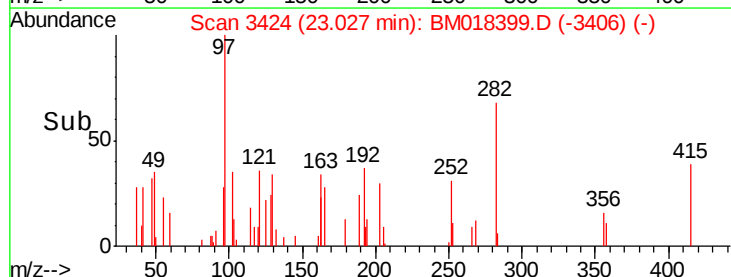
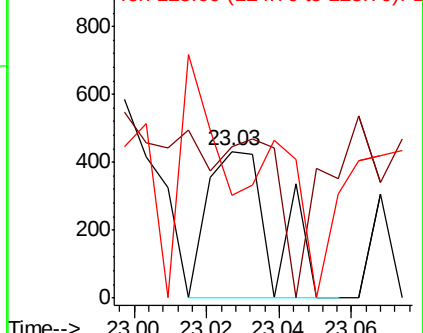


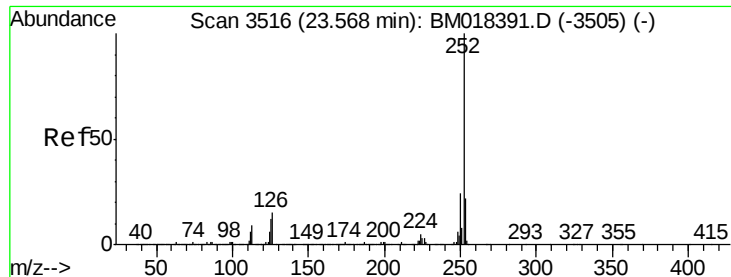
Abundance

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





#90

Benzo(a)pyrene

Concen: 0.011 ng

RT: 23.56 min Scan# 3515

Delta R.T. -0.01 min

Lab File: BM018399.D

Acq: 27 Dec 2018 16:53

Instrument :

BNA_M

ClientSampleId :

PB116036BL

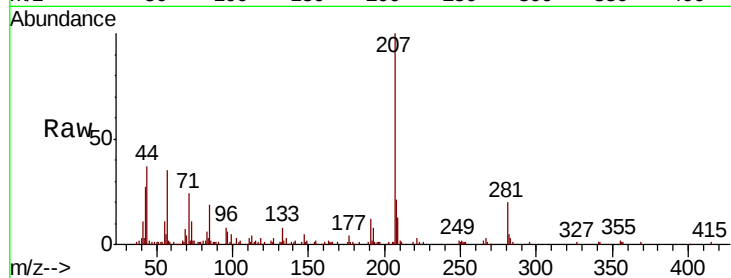
Tgt Ion: 252 Resp: 1456

Ion Ratio Lower Upper

252 100

253 65.6 17.5 26.3#

125 159.8 9.7 14.5#



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

