

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122718\
 Data File : BM018404.D
 Acq On : 27 Dec 2018 19:53
 Operator : JU/SJ
 Sample : PB116034BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116034BL

Quant Time: Dec 28 04:05:50 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	339645	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	1553102	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	978000	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	2342686	20.00	ng	0.00
76) Chrysene-d12	21.37	240	2560469	20.00	ng	0.00
87) Perylene-d12	23.66	264	2624605	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	195535	10.85	ng	0.00
7) Phenol-d6	6.93	99	202400	8.09	ng	0.00
23) Nitrobenzene-d5	8.95	82	576565	21.31	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	285792	23.00	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	1644198	22.77	ng	0.00
79) Terphenyl-d14	19.81	244	4552074	37.88	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	708	0.097	ng	# 1
3) Pyridine	3.69	79	112	0.006	ng	# 1
4) n-Nitrosodimethylamine	3.63	42	274	0.033	ng	# 1
8) 2-Chlorophenol	7.35	128	122	0.006	ng	# 35
9) Benzaldehyde	6.93	77	2613	0.149	ng	# 47
10) Phenol	6.96	94	608	0.024	ng	# 1
11) bis(2-Chloroethyl)ether	7.22	93	276	0.014	ng	# 20
15) Benzyl Alcohol	7.99	79	606	0.031	ng	# 25
16) 2,2'-oxybis(1-Chloropropan	8.32	45	180	0.006	ng	# 69
18) Hexachloroethane	8.85	117	130	0.014	ng	# 1
19) n-Nitroso-di-n-propylamine	8.59	70	147	0.008	ng	# 1
22) Acetophenone	8.60	105	211	0.005	ng	# 9
24) Nitrobenzene	9.03	77	901	0.034	ng	# 38
25) Isophorone	9.50	82	381	0.008	ng	# 64
31) Naphthalene	10.63	128	1766	0.024	ng	# 69
46) 1,1'-Biphenyl	13.26	154	4226	0.051	ng	# 61
47) 2-Chloronaphthalene	13.30	162	438	0.007	ng	# 39
49) Acenaphthylene	14.16	152	289	0.003	ng	# 61
50) Dimethylphthalate	13.89	163	684	0.008	ng	# 78
51) 2,6-Dinitrotoluene	13.94	165	291	0.017	ng	# 23
52) Acenaphthene	14.49	154	224	0.004	ng	# 4
58) Fluorene	15.47	166	844	0.011	ng	# 44
60) Diethylphthalate	15.25	149	10073	0.118	ng	# 98
63) Azobenzene	15.78	77	1510	0.019	ng	# 39
71) Phenanthrene	17.21	178	1121	0.009	ng	# 60
72) Anthracene	17.31	178	569	0.005	ng	# 61
73) Carbazole	17.59	167	654	0.005	ng	# 59
74) Di-n-butylphthalate	18.14	149	7296	0.049	ng	# 93
75) Fluoranthene	19.23	202	1285	0.009	ng	# 64
77) Benzidine	19.44	184	117	0.002	ng	# 67
78) Pyrene	19.60	202	1449	0.010	ng	# 58
80) Butylbenzylphthalate	20.51	149	1797	6.657	ng	# 49
81) Benzo(a)anthracene	21.37	228	7991	0.053	ng	# 67
82) 3,3'-Dichlorobenzidine	21.29	252	1101	0.019	ng	# 91

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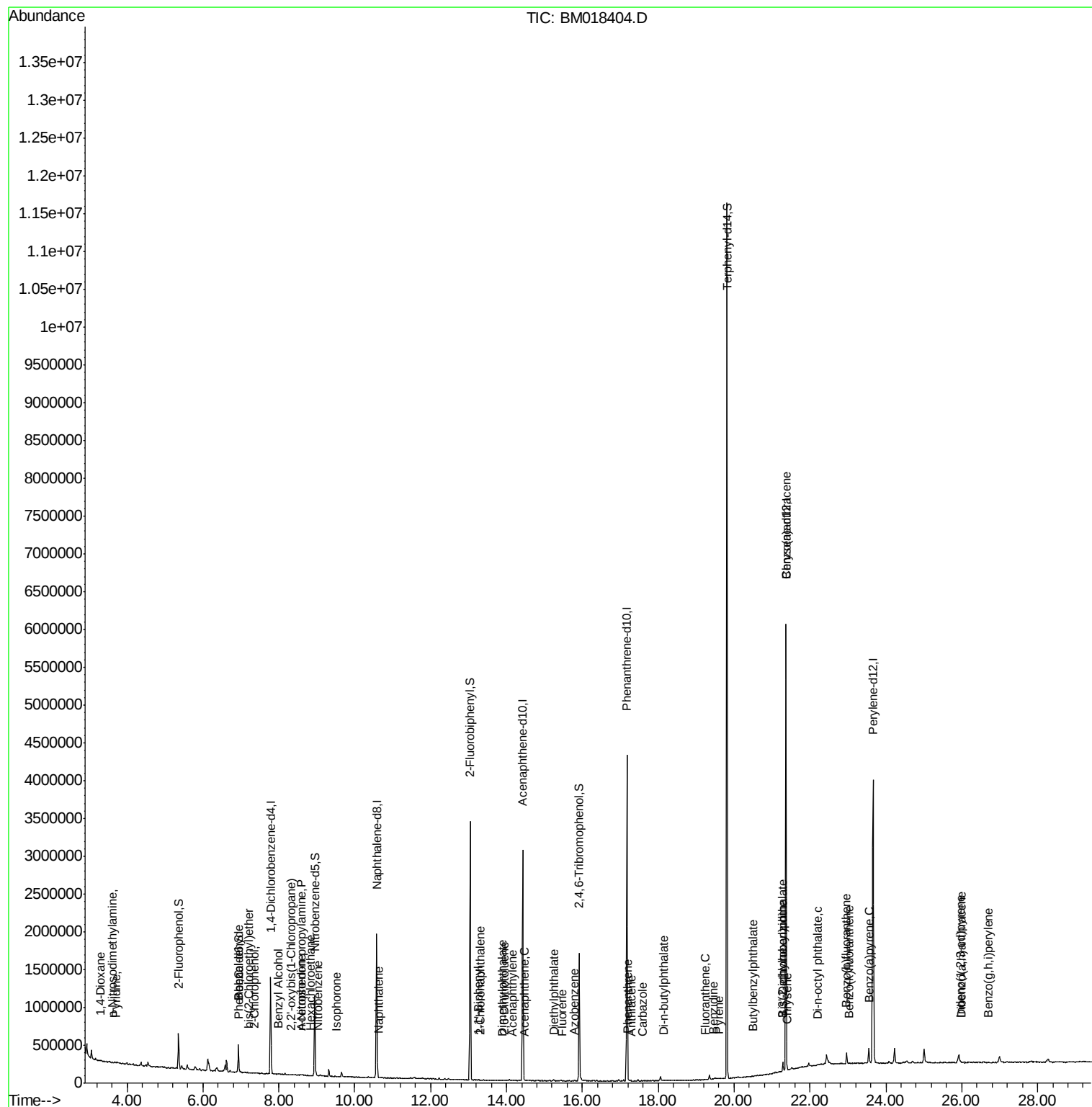
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Chrysene	21.41	228	1281	0.009	ng	# 49
84) Bis(2-ethylhexyl)phthalate	21.29	149	35576	0.355	ng	96
85) Di-n-octyl phthalate	22.19	149	1044	0.006	ng	# 1
86) Indeno(1,2,3-cd)pyrene	25.97	276	597	0.003	ng	# 64
88) Benzo(b)fluoranthene	22.97	252	2311	0.016	ng	# 1
89) Benzo(k)fluoranthene	23.04	252	340	0.002	ng	# 1
90) Benzo(a)pyrene	23.56	252	972	0.007	ng	# 1
91) Dibenzo(a,h)anthracene	26.00	278	313	0.002	ng	# 47
92) Benzo(g,h,i)perylene	26.69	276	109	0.001	ng	# 52

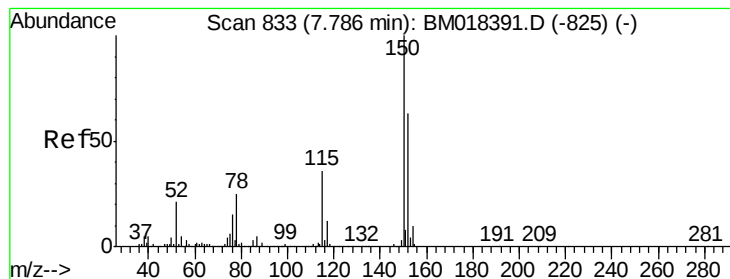
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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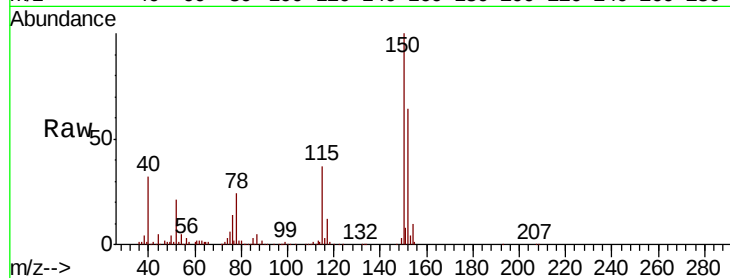


#1

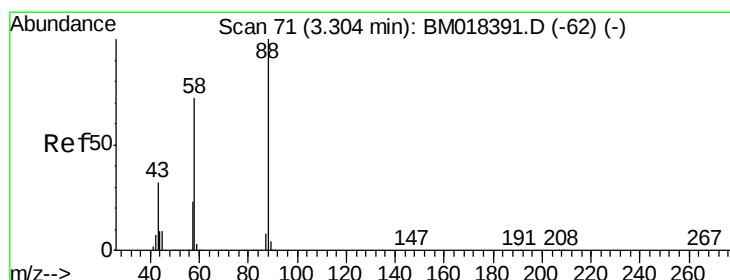
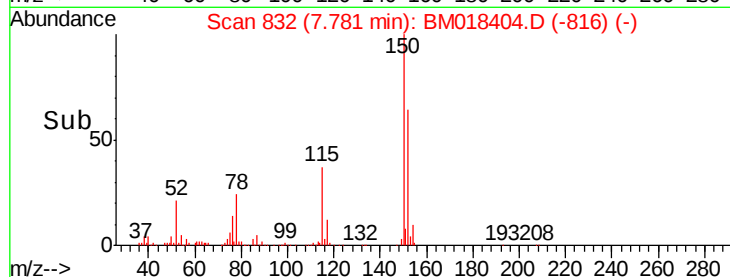
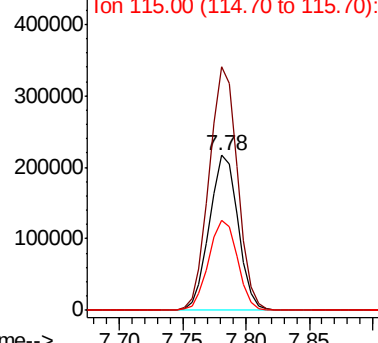
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 832
Delta R.T. -0.01 min
Lab File: BM018404.D
Acq: 27 Dec 2018 19:53

Instrument :
BNA_M
ClientSampleId :
PB116034BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.9	190.3
115	58.0	45.5	68.3



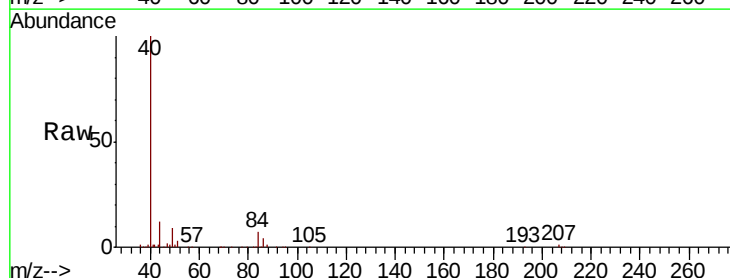
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



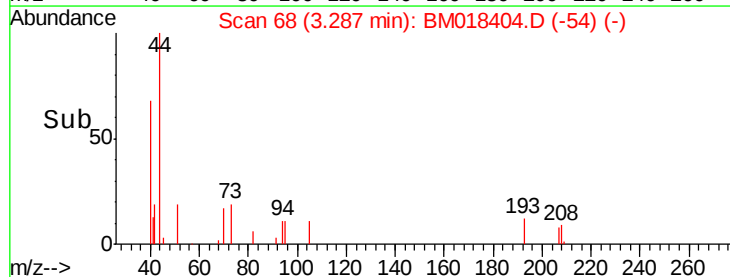
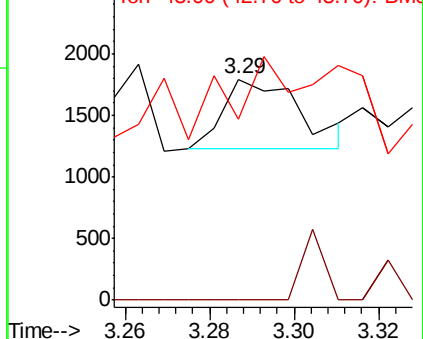
#2

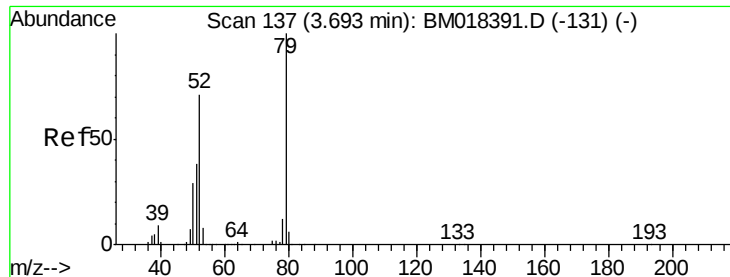
1,4-Dioxane
Concen: 0.097 ng
RT: 3.29 min Scan# 68
Delta R.T. -0.02 min
Lab File: BM018404.D
Acq: 27 Dec 2018 19:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	28.8	58.4	87.6#
43	212.4	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: 3.69 min Scan# 137

Delta R.T. 0.00 min

Lab File: BM018404.D

Acq: 27 Dec 2018 19:53

Instrument :

BNA_M

ClientSampleId :

PB116034BL

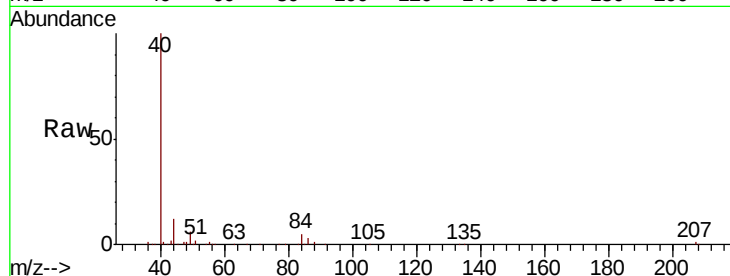
Tgt Ion: 79 Resp: 112

Ion Ratio Lower Upper

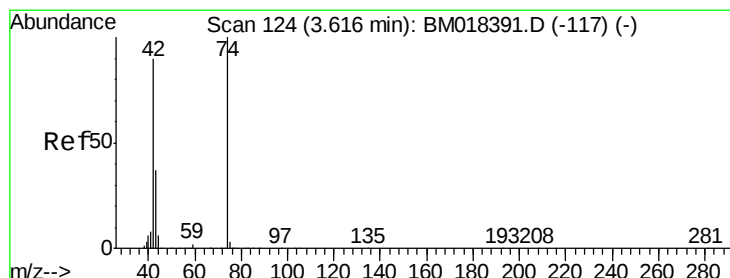
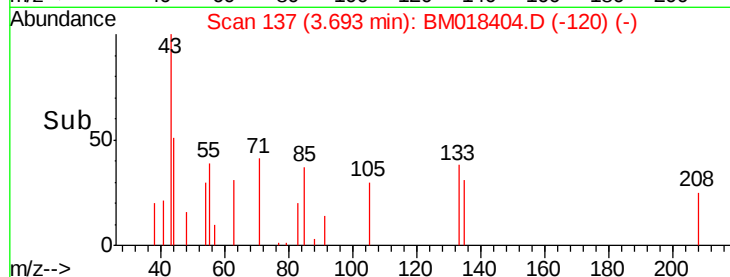
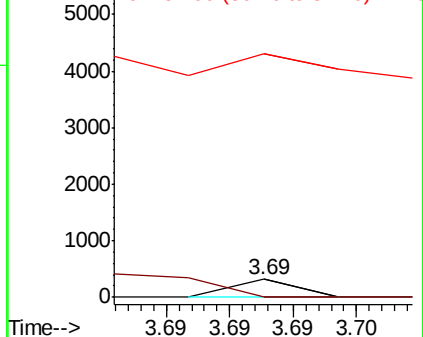
79 100

52 0.0 56.4 84.6#

51 1349.5 31.0 46.4#



Abundance Ion 79.00 (78.70 to 79.70): BMC
Ion 52.00 (51.70 to 52.70): BMC
Ion 51.00 (50.70 to 51.70): BMC



#4

n-Nitrosodimethylamine

Concen: 0.033 ng

RT: 3.63 min Scan# 126

Delta R.T. 0.01 min

Lab File: BM018404.D

Acq: 27 Dec 2018 19:53

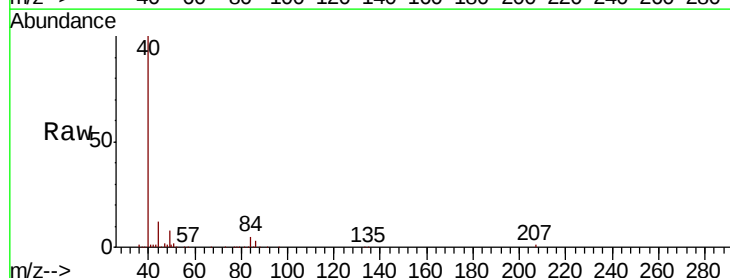
Tgt Ion: 42 Resp: 274

Ion Ratio Lower Upper

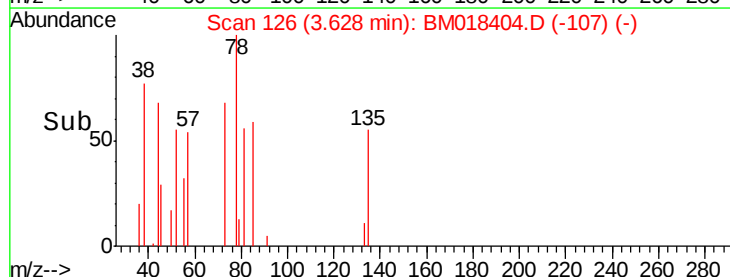
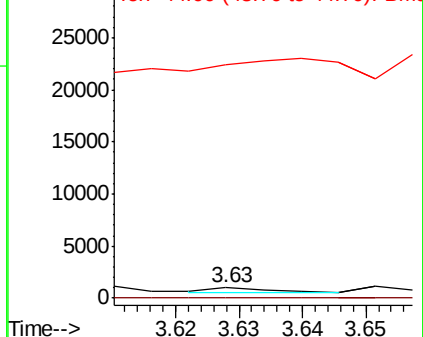
42 100

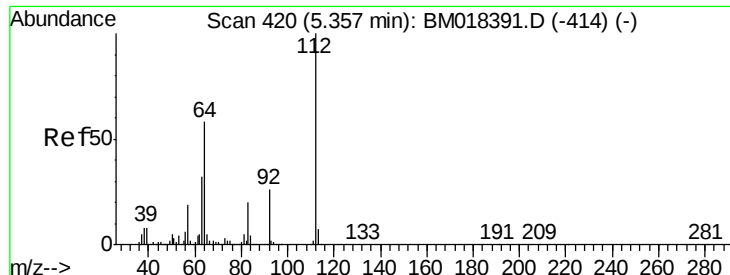
74 0.0 88.6 132.8#

44 2275.9 16.9 25.3#



Abundance Ion 42.00 (41.70 to 42.70): BMC
Ion 74.00 (73.70 to 74.70): BMC
Ion 44.00 (43.70 to 44.70): BMC





#5

2-Fluorophenol

Concen: 10.854 ng

RT: 5.36 min Scan# 420

Delta R.T. 0.00 min

Lab File: BM018404.D

Acq: 27 Dec 2018 19:53

Instrument :

BNA_M

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PB116034BL

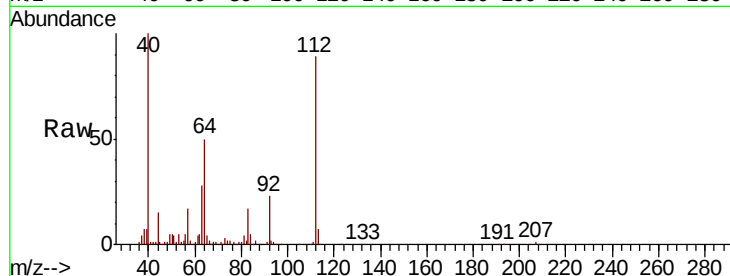
Tgt Ion: 112 Resp: 195535

Ion Ratio Lower Upper

112 100

64 56.3 46.5 69.7

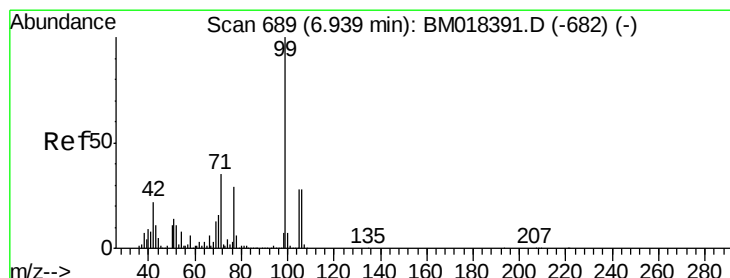
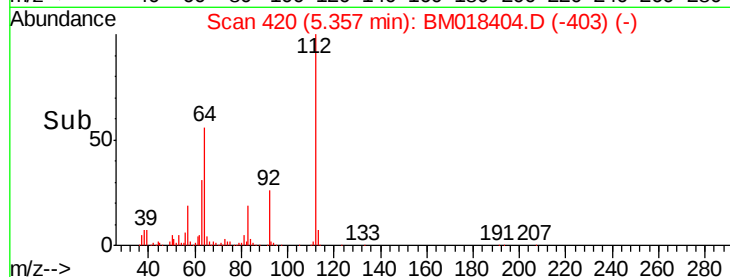
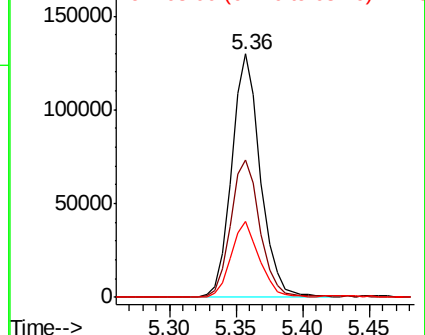
63 31.4 25.2 37.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#7

Phenol-d6

Concen: 8.091 ng

RT: 6.93 min Scan# 688

Delta R.T. -0.01 min

Lab File: BM018404.D

Acq: 27 Dec 2018 19:53

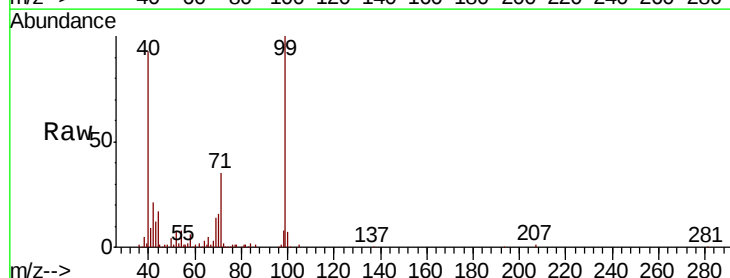
Tgt Ion: 99 Resp: 202400

Ion Ratio Lower Upper

99 100

42 20.8 17.3 25.9

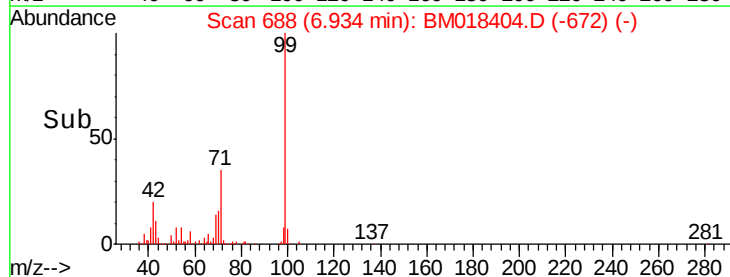
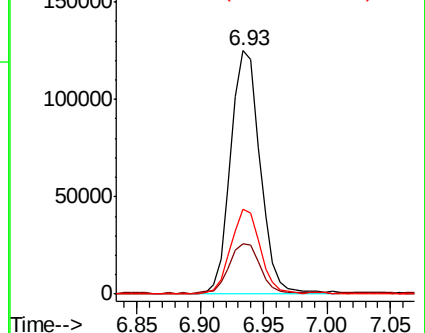
71 35.1 28.0 42.0

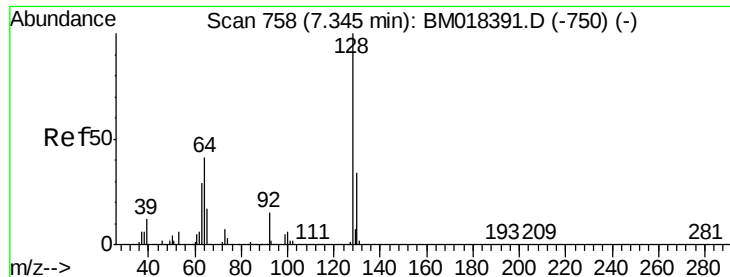


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#8

2-Chlorophenol

Concen: 0.006 ng

RT: 7.35 min Scan# 758

Delta R.T. 0.00 min

Lab File: BM018404.D

Acq: 27 Dec 2018 19:53

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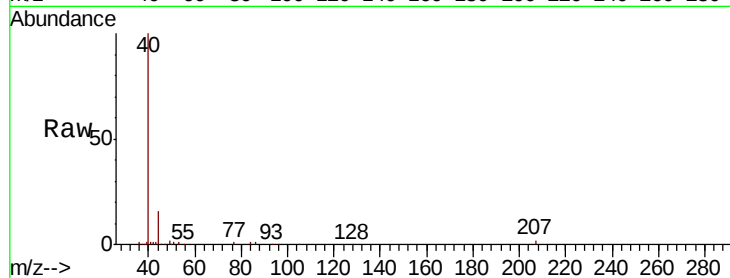
Tgt Ion:128 Resp: 122

Ion Ratio Lower Upper

128 100

130 0.0 13.6 53.6#

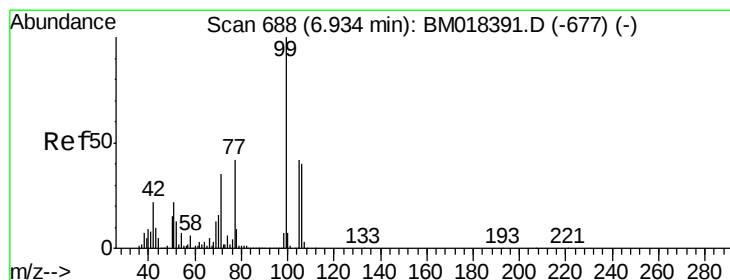
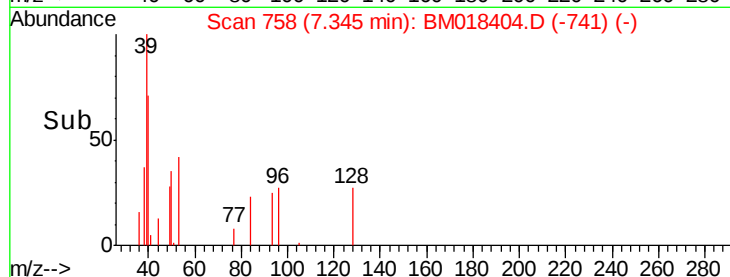
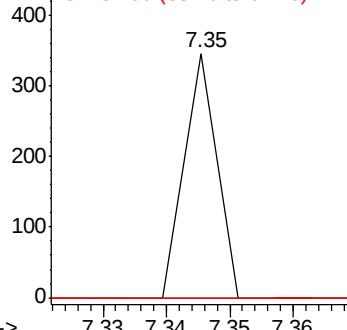
64 0.0 24.8 64.8#



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: 0.149 ng

RT: 6.93 min Scan# 688

Delta R.T. 0.00 min

Lab File: BM018404.D

Acq: 27 Dec 2018 19:53

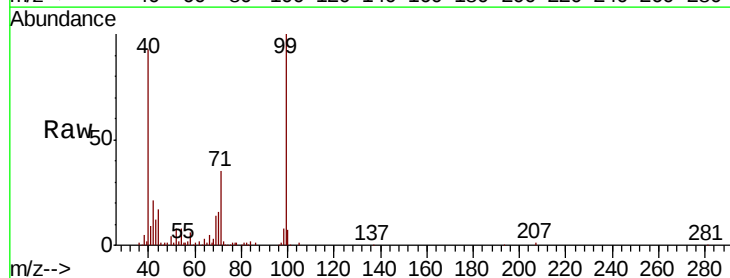
Tgt Ion: 77 Resp: 2613

Ion Ratio Lower Upper

77 100

105 90.3 79.7 119.7

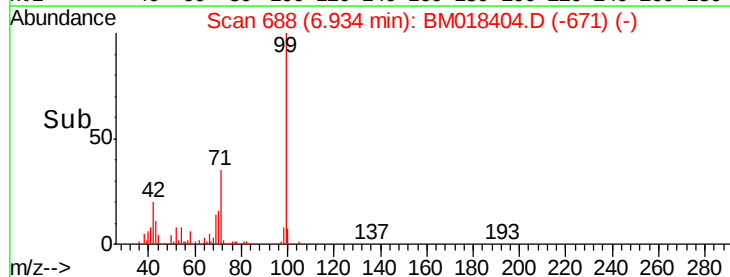
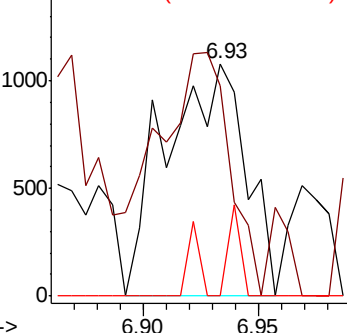
106 0.0 75.2 115.2#

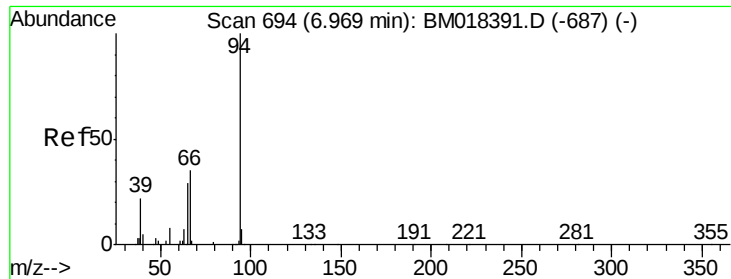


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.024 ng

RT: 6.96 min Scan# 692

Delta R.T. -0.01 min

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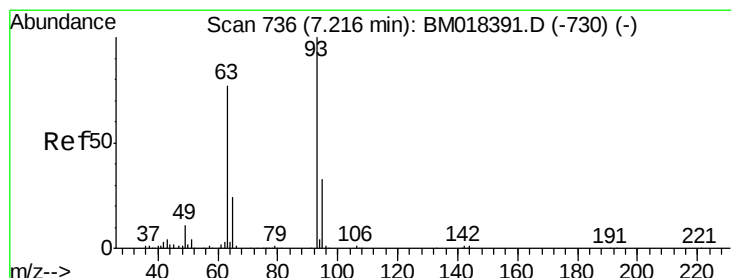
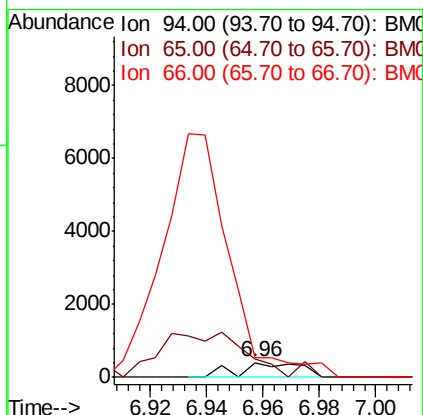
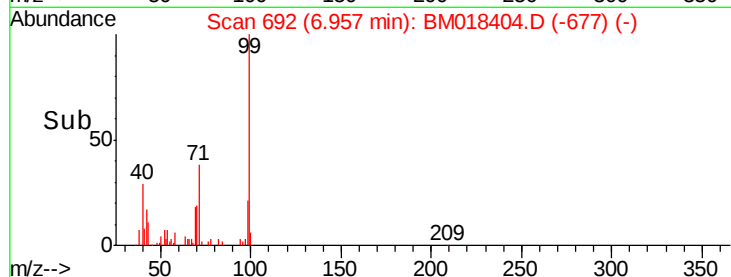
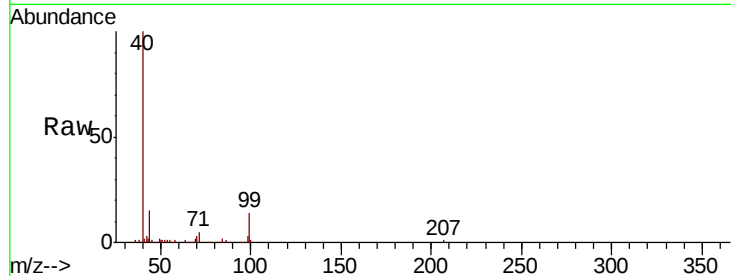
Tgt Ion: 94 Resp: 608

Ion Ratio Lower Upper

94 100

65 122.8 9.4 49.4#

66 130.4 19.1 59.1#



#11

bis(2-Chloroethyl)ether

Concen: 0.014 ng

RT: 7.22 min Scan# 736

Delta R.T. 0.00 min

Lab File: BM018404.D

Acq: 27 Dec 2018 19:53

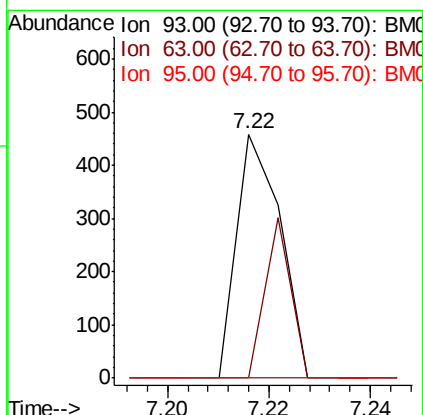
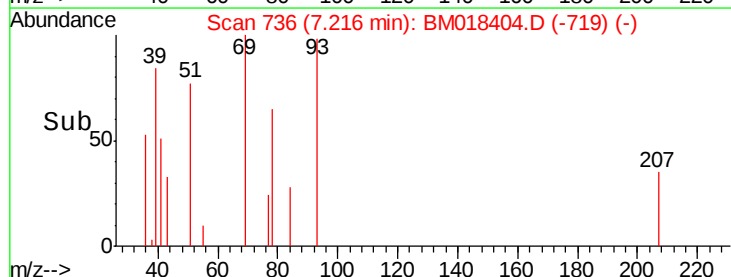
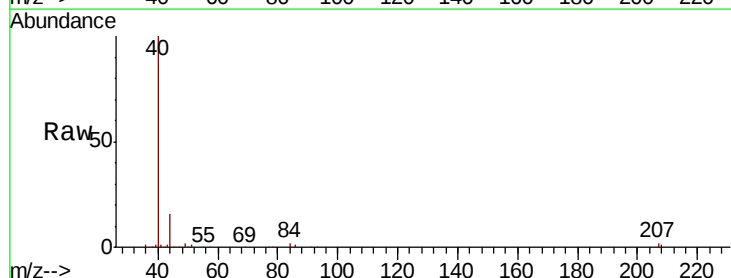
Tgt Ion: 93 Resp: 276

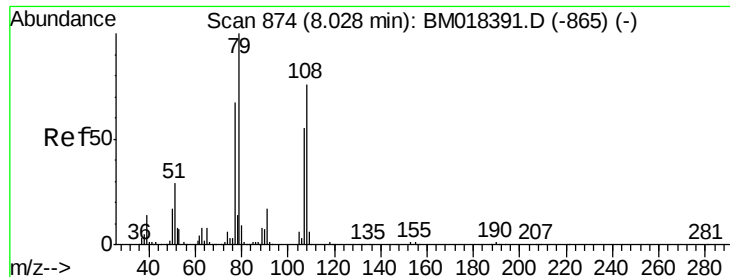
Ion Ratio Lower Upper

93 100

63 0.0 56.4 96.4#

95 0.0 12.7 52.7#





#15

Benzyl Alcohol

Concen: 0.031 ng

RT: 7.99 min Scan# 867

Delta R.T. -0.04 min

Lab File: BM018404.D

Acq: 27 Dec 2018 19:53

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ClientSampleId :

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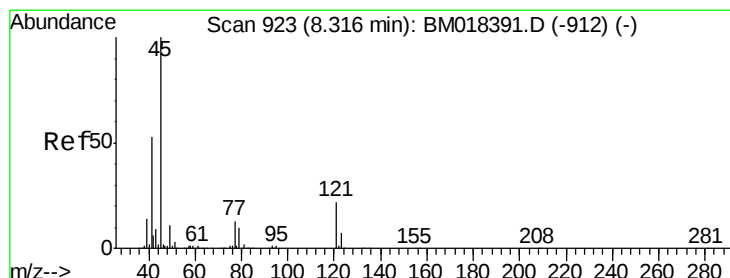
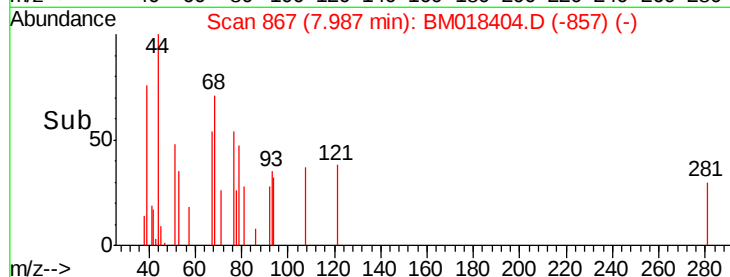
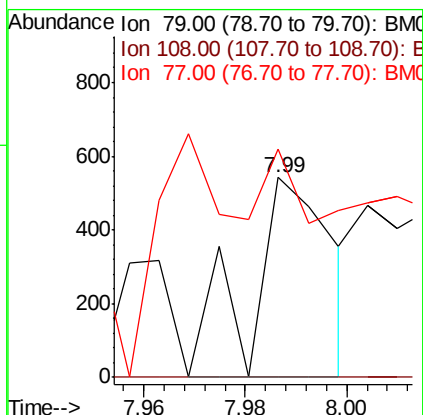
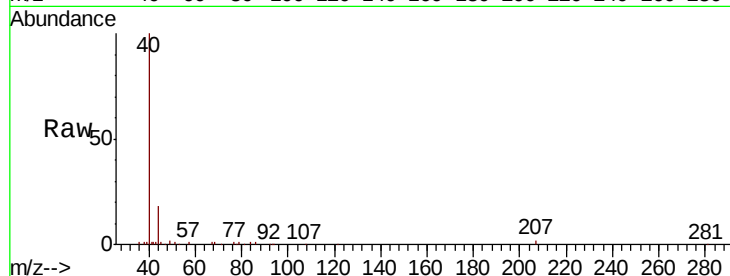
Tgt Ion: 79 Resp: 606

Ion Ratio Lower Upper

79 100

108 0.0 60.4 90.6#

77 114.6 53.4 80.2#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.006 ng

RT: 8.32 min Scan# 923

Delta R.T. 0.00 min

Lab File: BM018404.D

Acq: 27 Dec 2018 19:53

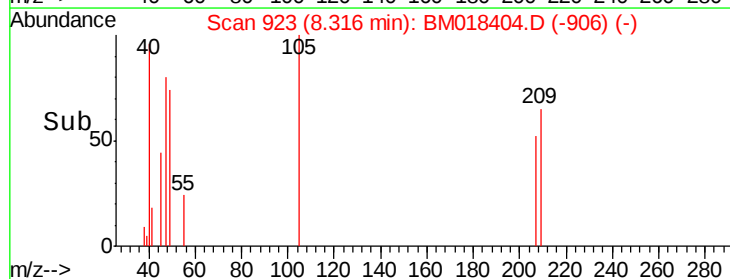
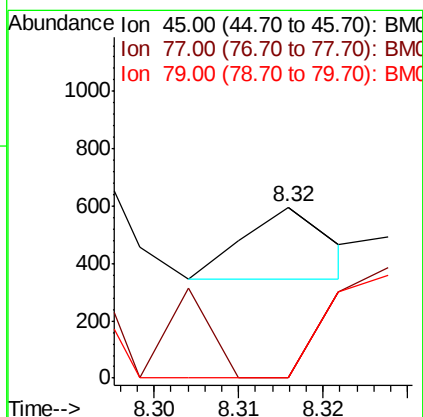
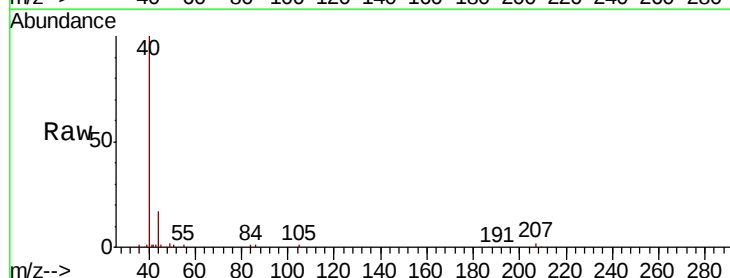
Tgt Ion: 45 Resp: 180

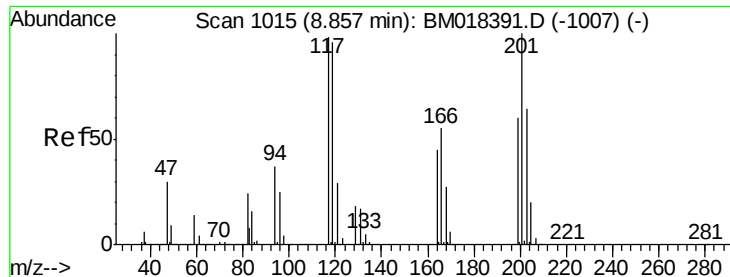
Ion Ratio Lower Upper

45 100

77 0.0 0.0 33.4

79 0.0 0.0 31.1

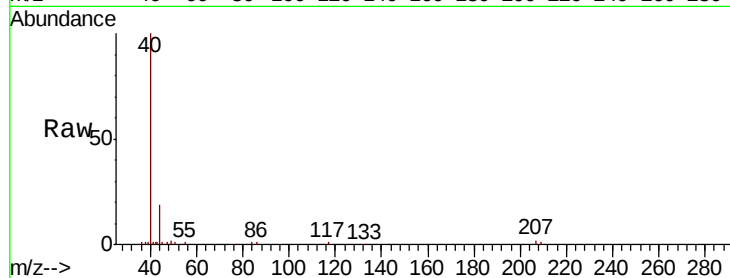




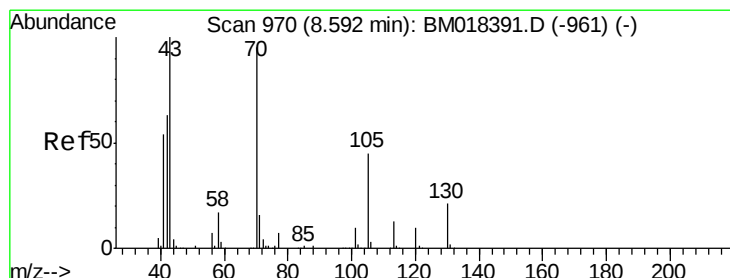
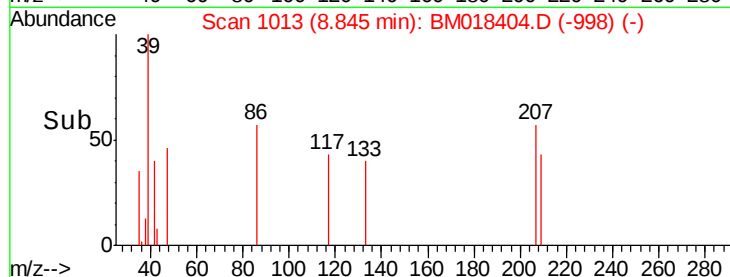
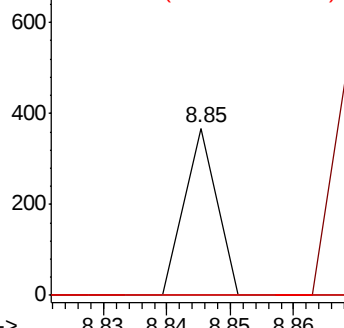
#18
Hexachloroethane
Concen: 0.014 ng
RT: 8.85 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BM018404.D
Acq: 27 Dec 2018 19:53

Instrument :
BNA_M
ClientSampleId :
PB116034BL

Tgt Ion: 117 Resp: 130
Ion Ratio Lower Upper
117 100
119 0.0 78.3 117.5#
201 0.0 81.4 122.0#

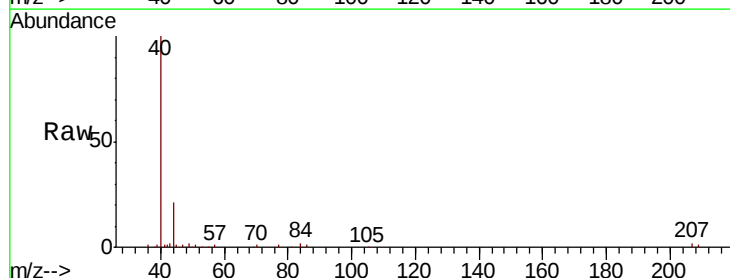


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

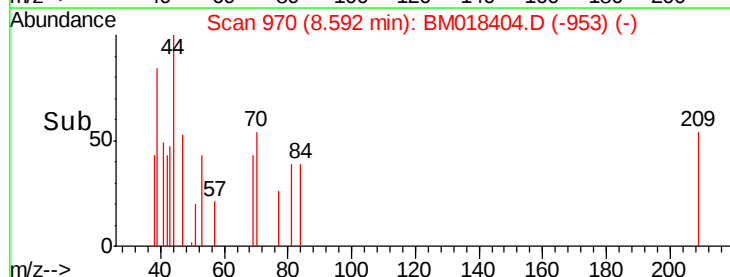
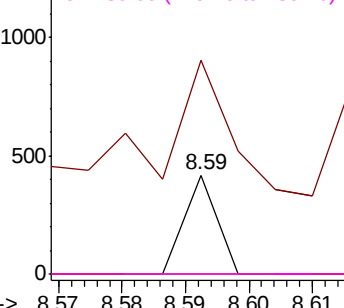


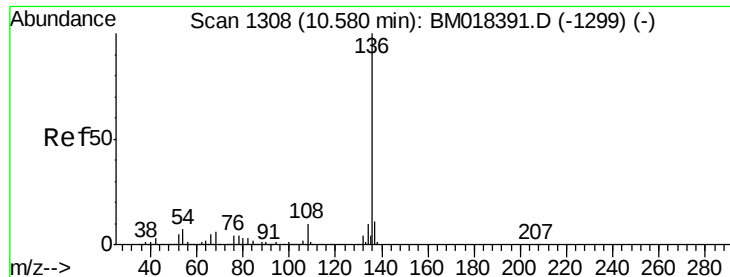
#19
n-Nitroso-di-n-propylamine
Concen: 0.008 ng
RT: 8.59 min Scan# 970
Delta R.T. 0.00 min
Lab File: BM018404.D
Acq: 27 Dec 2018 19:53

Tgt Ion: 70 Resp: 147
Ion Ratio Lower Upper
70 100
42 216.0 54.0 81.0#
101 0.0 8.1 12.1#
130 0.0 17.8 26.6#



Abundance Ion 70.00 (69.70 to 70.70): BM0
Ion 42.00 (41.70 to 42.70): BM0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

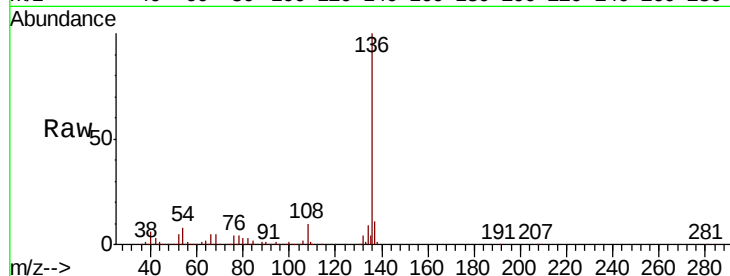




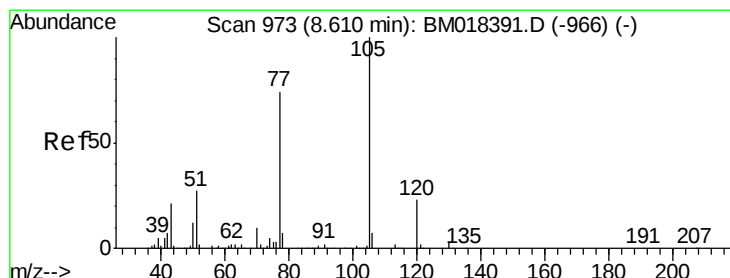
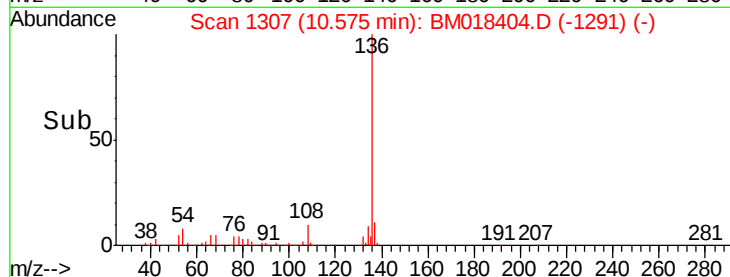
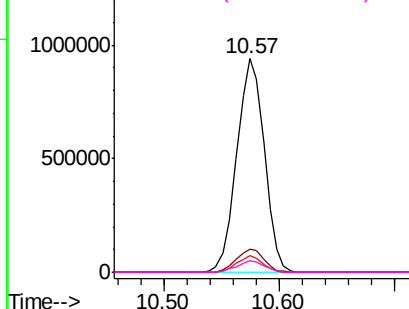
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM018404.D
Acq: 27 Dec 2018 19:53

Instrument :
BNA_M
ClientSampleId :
PB116034BL

Tgt Ion:	136	Resp:	1553102
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.6	6.0	9.0
68	5.5	4.5	6.7

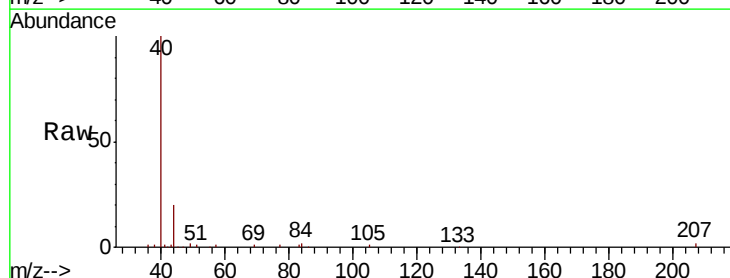


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

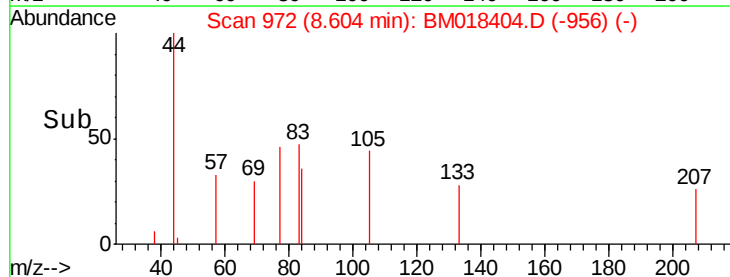
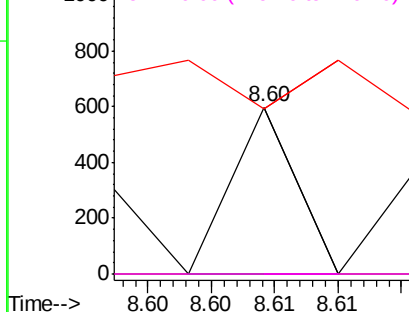


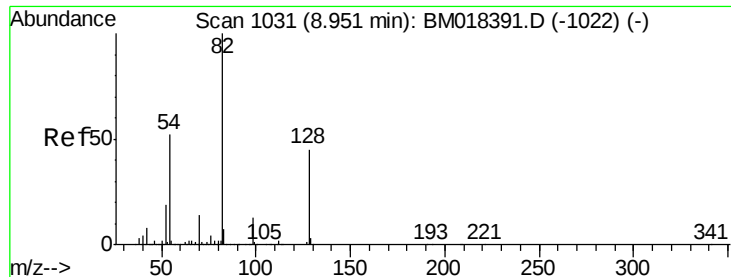
#22
Acetophenone
Concen: 0.005 ng
RT: 8.60 min Scan# 972
Delta R.T. -0.01 min
Lab File: BM018404.D
Acq: 27 Dec 2018 19:53

Tgt Ion:	105	Resp:	211
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.7	2.5#
51	98.7	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: 21.307 ng

RT: 8.95 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BM018404.D

Acq: 27 Dec 2018 19:53

Instrument :

BNA_M

ClientSampleId :

PB116034BL

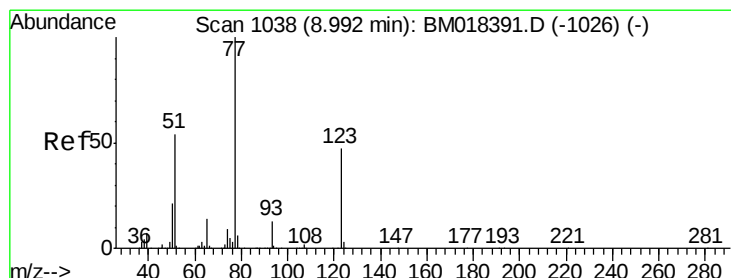
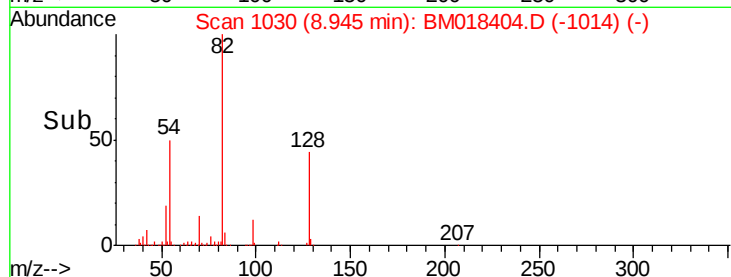
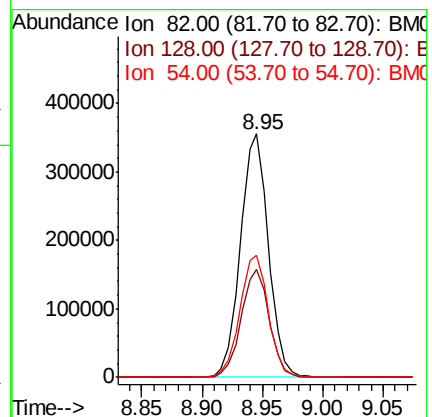
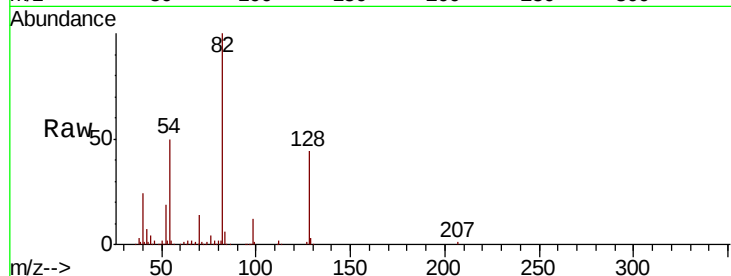
Tgt Ion: 82 Resp: 576565

Ion Ratio Lower Upper

82 100

128 44.5 36.3 54.5

54 50.4 41.7 62.5



#24

Nitrobenzene

Concen: 0.034 ng

RT: 9.03 min Scan# 1045

Delta R.T. 0.04 min

Lab File: BM018404.D

Acq: 27 Dec 2018 19:53

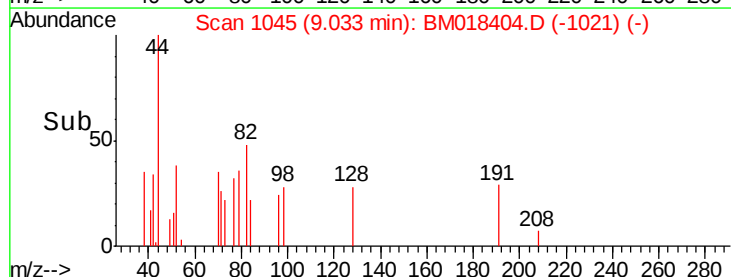
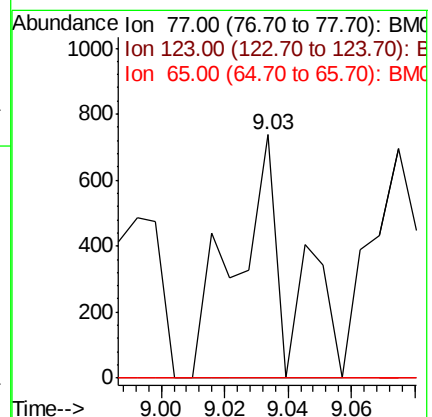
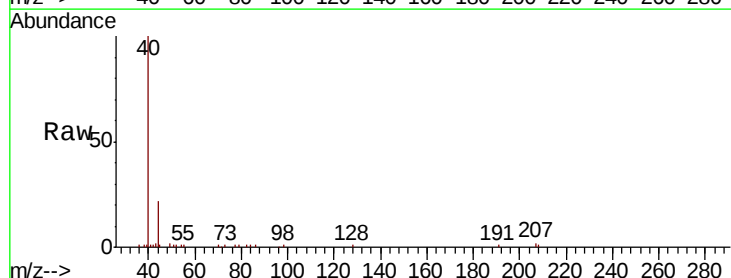
Tgt Ion: 77 Resp: 901

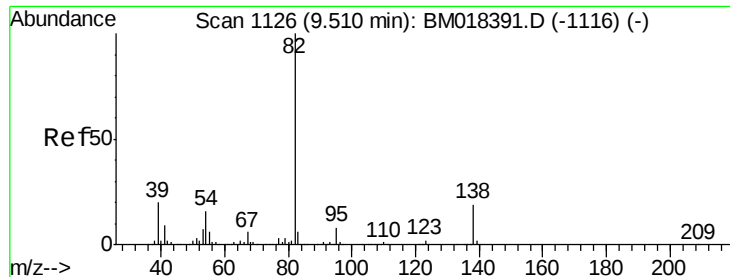
Ion Ratio Lower Upper

77 100

123 0.0 37.7 56.5#

65 0.0 11.0 16.6#





#25

Isophorone

Concen: 0.008 ng

RT: 9.50 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BM018404.D

Acq: 27 Dec 2018 19:53

Instrument :

BNA_M

ClientSampleId :

PB116034BL

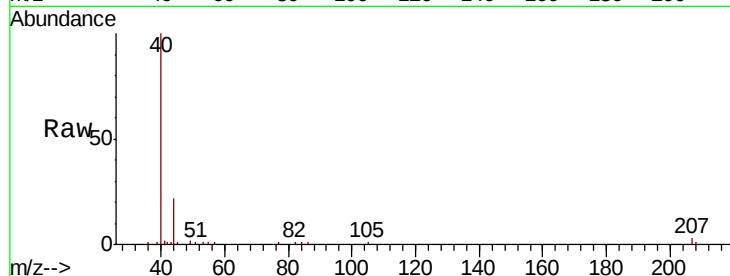
Tgt Ion: 82 Resp: 381

Ion Ratio Lower Upper

82 100

95 0.0 6.1 9.1#

138 0.0 15.1 22.7#

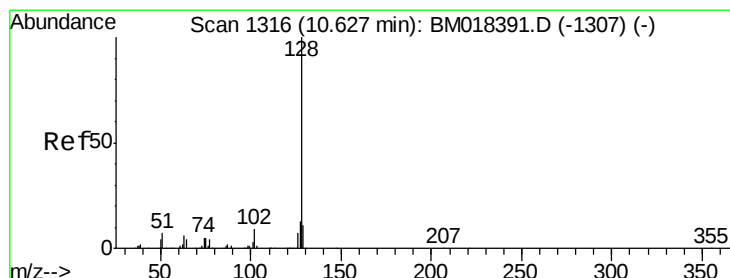
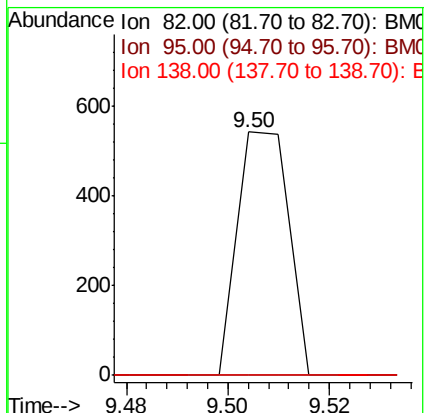
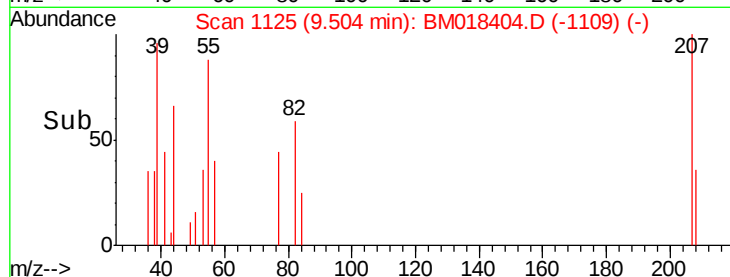


Abundance Ion 82.00 (81.70 to 82.70): BM018391.D (-1116) (-)

Ion 95.00 (94.70 to 95.70): BM018391.D (-1116) (-)

Ion 138.00 (137.70 to 138.70): BM018391.D (-1116) (-)

Time-->



#31

Naphthalene

Concen: 0.024 ng

RT: 10.63 min Scan# 1317

Delta R.T. 0.01 min

Lab File: BM018404.D

Acq: 27 Dec 2018 19:53

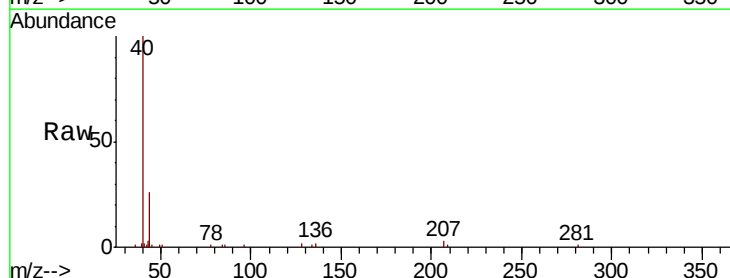
Tgt Ion: 128 Resp: 1766

Ion Ratio Lower Upper

128 100

129 0.0 8.7 13.1#

127 0.0 10.8 16.2#

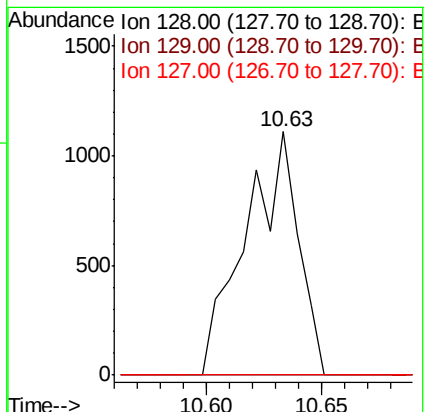
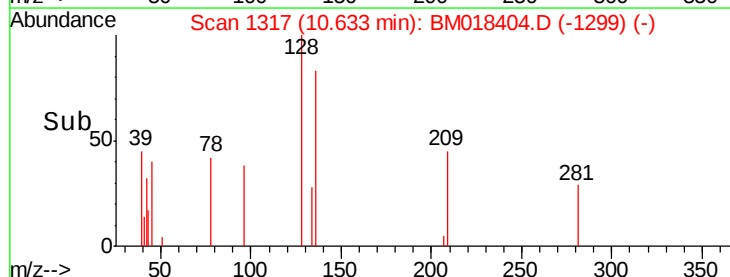


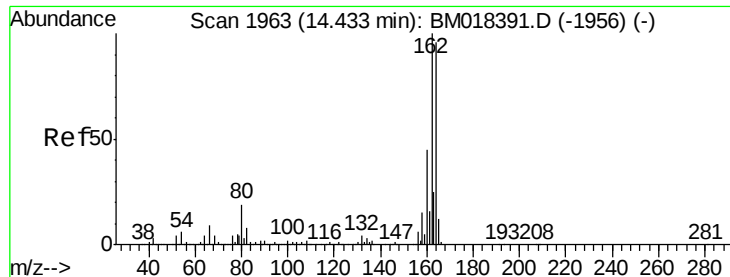
Abundance Ion 128.00 (127.70 to 128.70): BM018391.D (-1307) (-)

Ion 129.00 (128.70 to 129.70): BM018391.D (-1307) (-)

Ion 127.00 (126.70 to 127.70): BM018391.D (-1307) (-)

Time-->





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.43 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BM018404.D

Acq: 27 Dec 2018 19:53

Instrument :

BNA_M

ClientSampleId :

PB116034BL

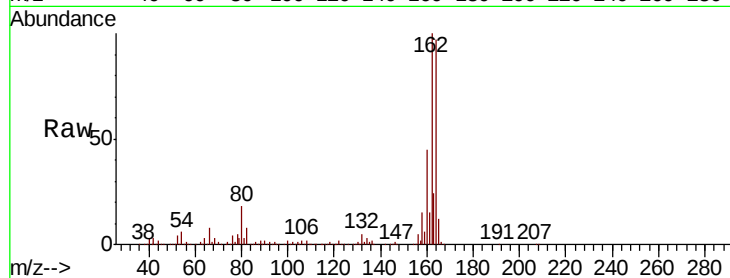
Tgt Ion:164 Resp: 978000

Ion Ratio Lower Upper

164 100

162 103.5 83.0 124.4

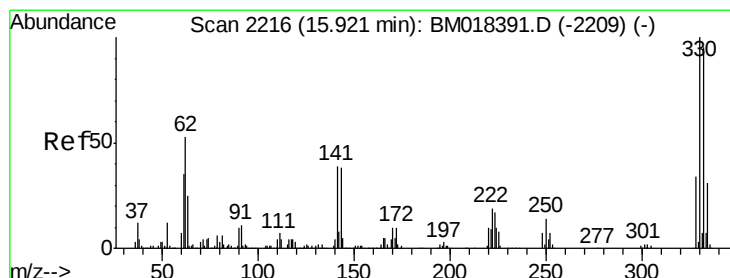
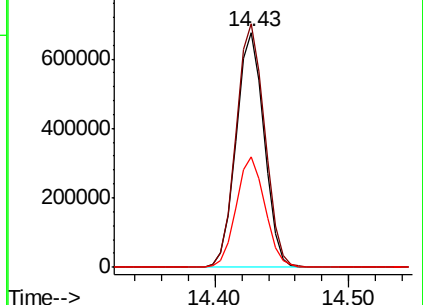
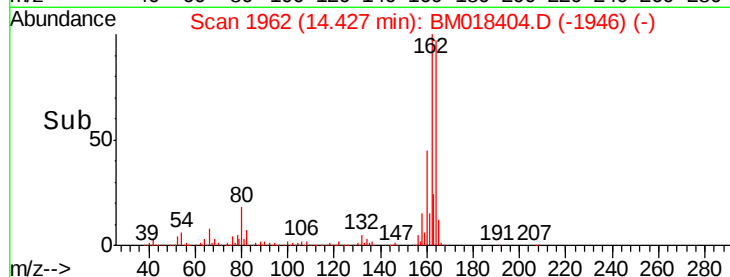
160 46.7 37.1 55.7



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: 22.999 ng

RT: 15.92 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BM018404.D

Acq: 27 Dec 2018 19:53

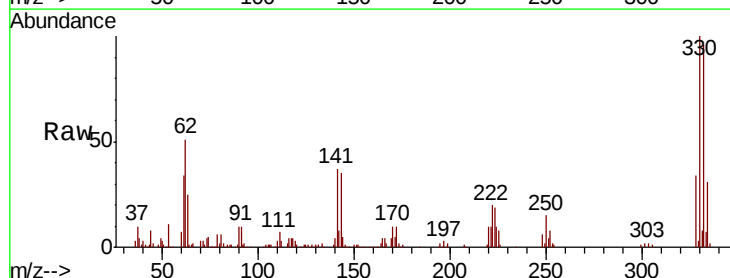
Tgt Ion:330 Resp: 285792

Ion Ratio Lower Upper

330 100

332 97.7 77.6 116.4

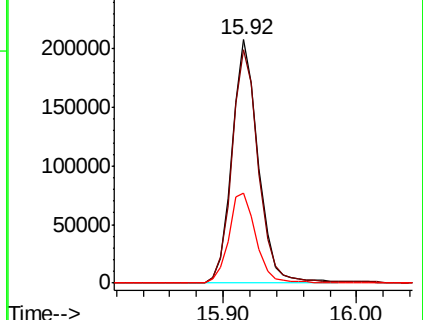
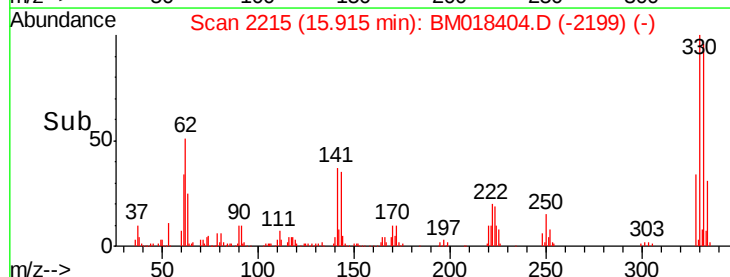
141 38.6 31.7 47.5

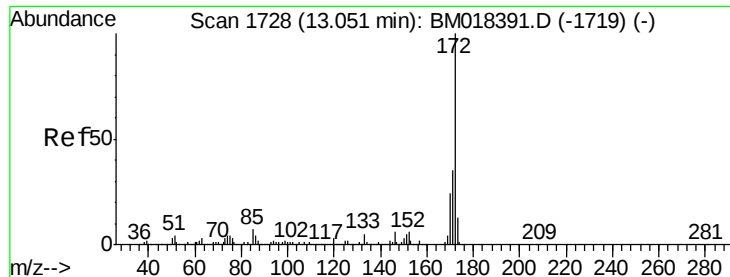


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

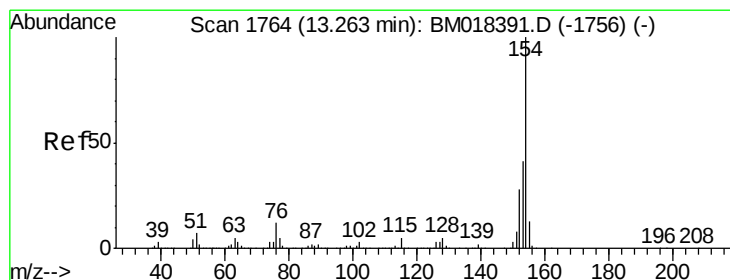
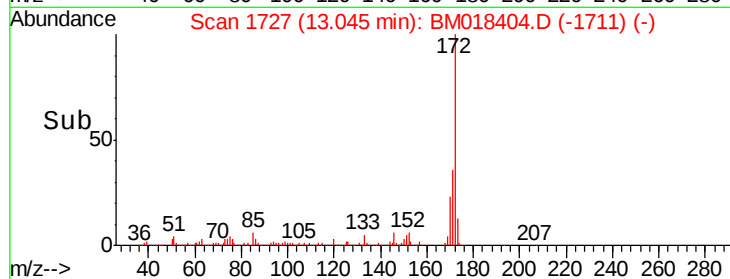
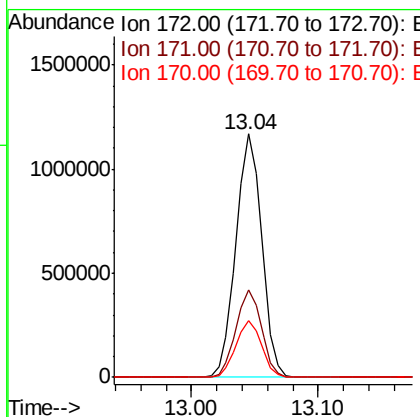
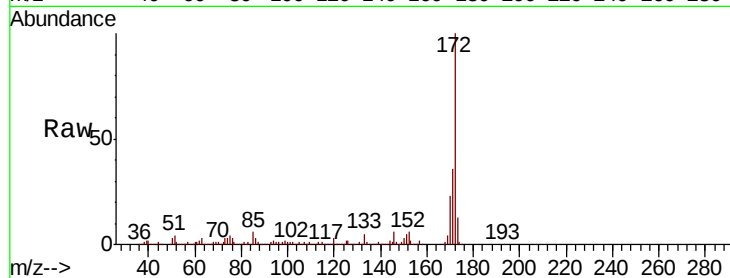




#45
 2-Fluorobiphenyl
 Concen: 22.770 ng
 RT: 13.04 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BM018404.D
 Acq: 27 Dec 2018 19:53

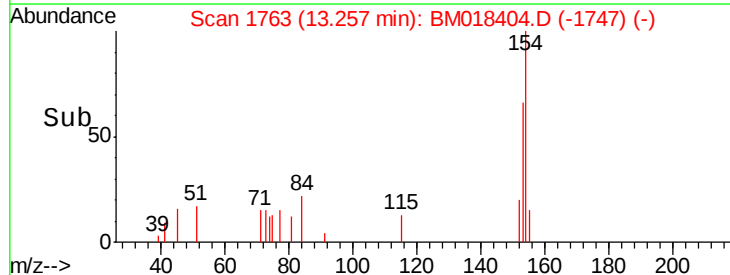
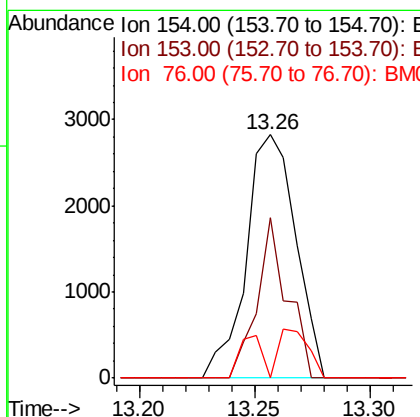
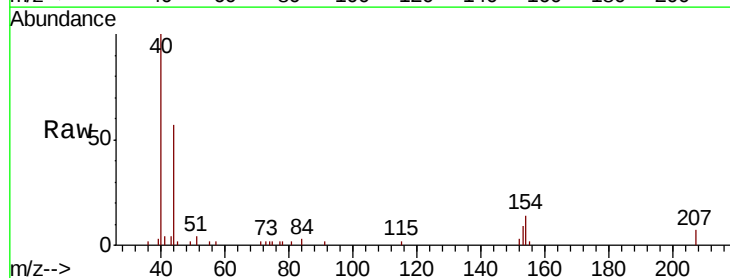
Instrument :
 BNA_M
 ClientSampleId :
 PB116034BL

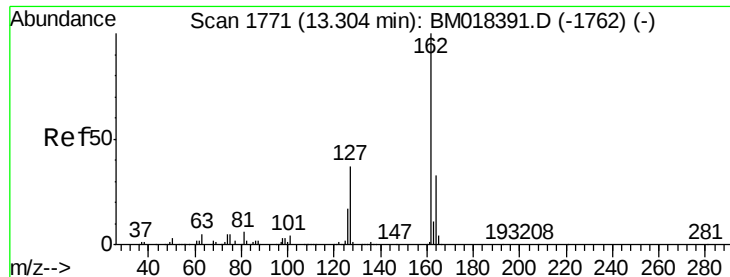
Tgt Ion:172 Resp: 1644198
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.2 42.4
 170 23.2 18.9 28.3



#46
 1,1'-Biphenyl
 Concen: 0.051 ng
 RT: 13.26 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: BM018404.D
 Acq: 27 Dec 2018 19:53

Tgt Ion:154 Resp: 4226
 Ion Ratio Lower Upper
 154 100
 153 65.9 20.5 60.5#
 76 0.0 0.0 31.9

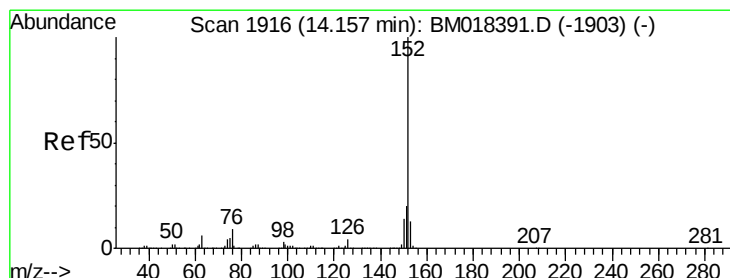
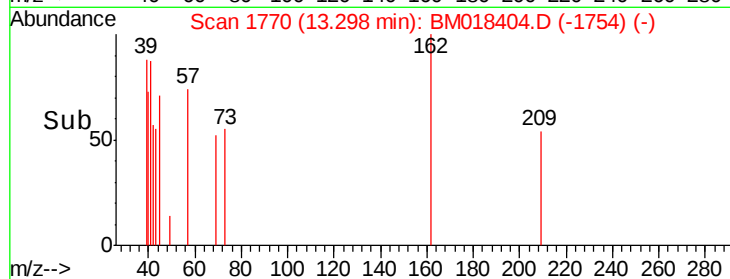
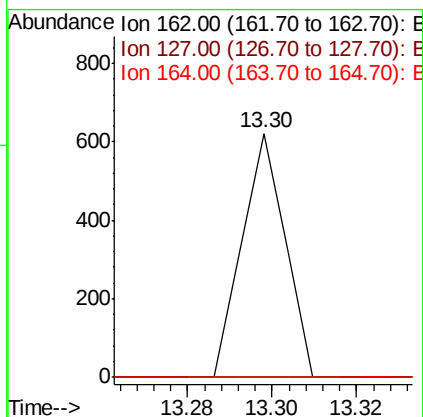
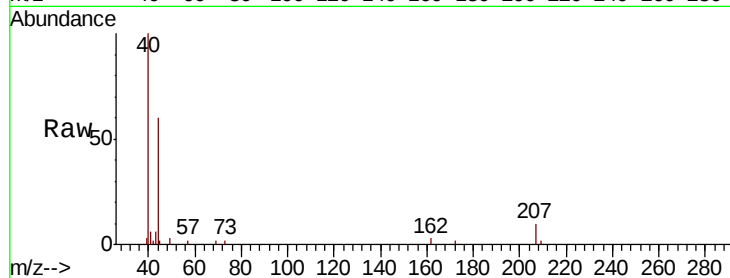




#47
 2-Chloronaphthalene
 Concen: 0.007 ng
 RT: 13.30 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BM018404.D
 Acq: 27 Dec 2018 19:53

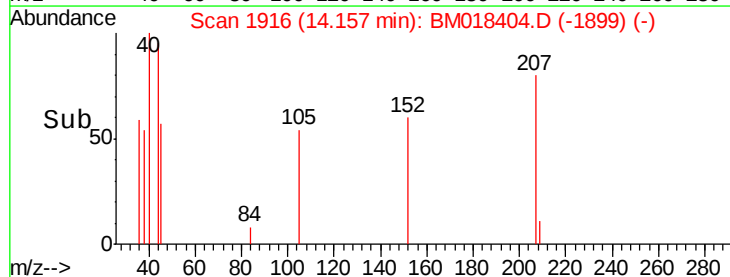
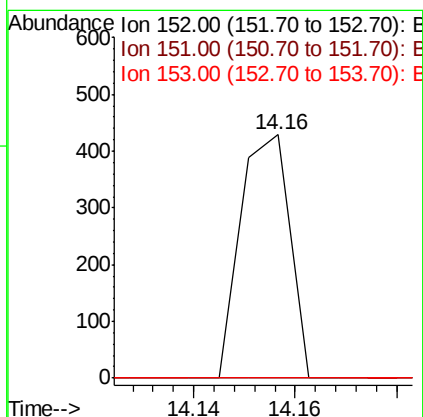
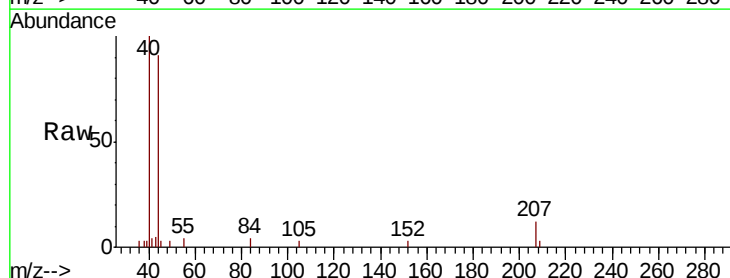
Instrument :
 BNA_M
 ClientSampleId :
 PB116034BL

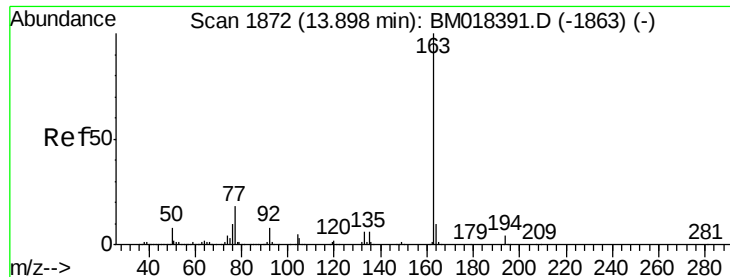
Tgt Ion	Ratio	Lower	Upper
162	100		
127	0.0	31.4	47.0#
164	0.0	26.2	39.4#



#49
 Acenaphthylene
 Concen: 0.003 ng
 RT: 14.16 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: BM018404.D
 Acq: 27 Dec 2018 19:53

Tgt Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.7	23.5#
153	0.0	10.5	15.7#





#50

Dimethylphthalate

Concen: 0.008 ng

RT: 13.89 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BM018404.D

Acq: 27 Dec 2018 19:53

Instrument :

BNA_M

ClientSampleId :

PB116034BL

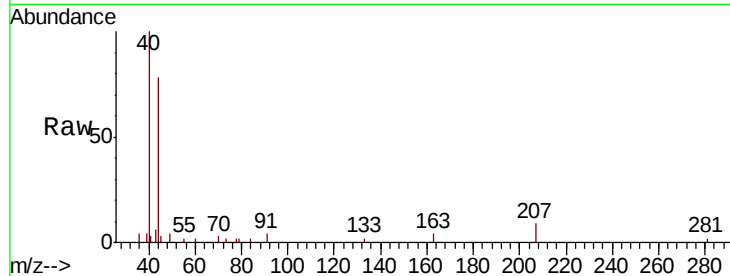
Tgt Ion:163 Resp: 684

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.6#

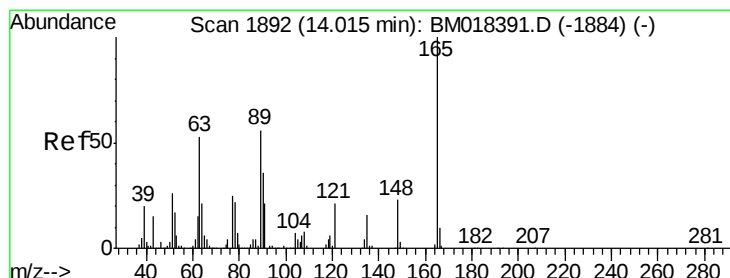
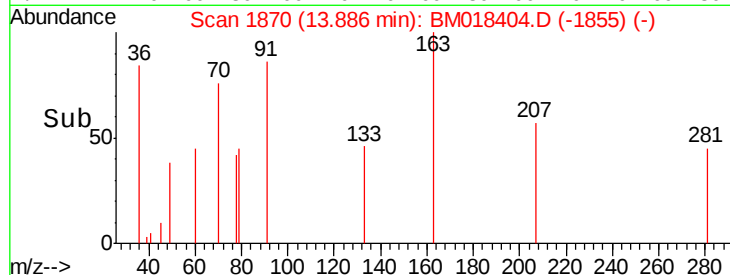
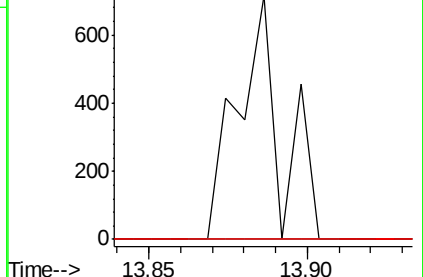
164 0.0 7.8 11.8#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 0.017 ng

RT: 13.94 min Scan# 1880

Delta R.T. -0.07 min

Lab File: BM018404.D

Acq: 27 Dec 2018 19:53

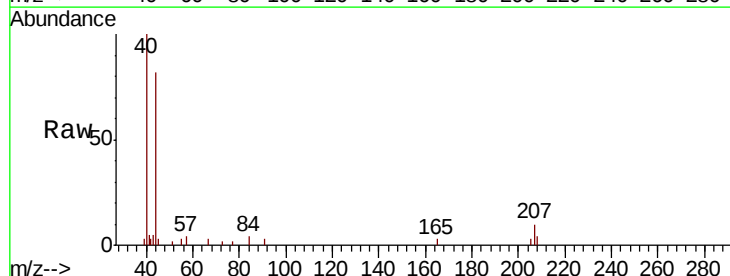
Tgt Ion:165 Resp: 291

Ion Ratio Lower Upper

165 100

63 0.0 45.6 68.4#

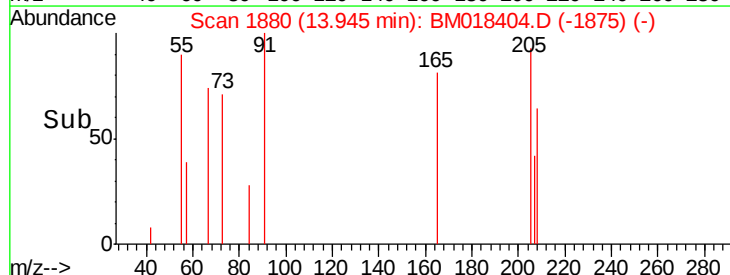
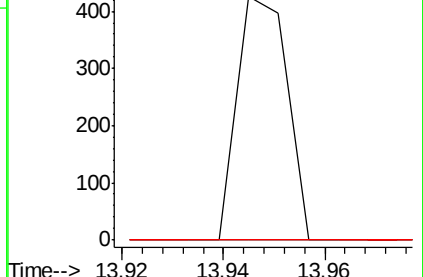
89 0.0 44.6 66.8#

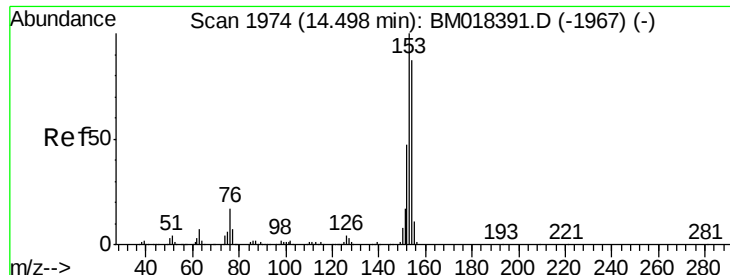


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#52

Acenaphthene

Concen: 0.004 ng

RT: 14.49 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BM018404.D

Acq: 27 Dec 2018 19:53

Instrument :

BNA_M

ClientSampleId :

PB116034BL

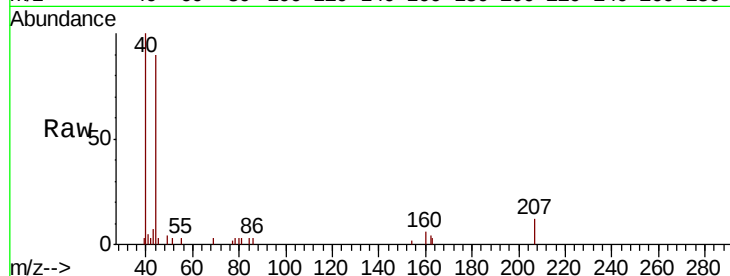
Tgt Ion:154 Resp: 224

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

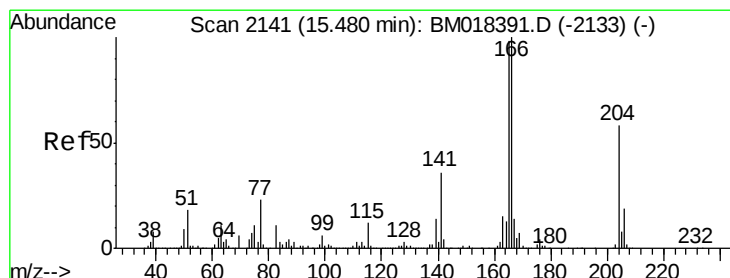
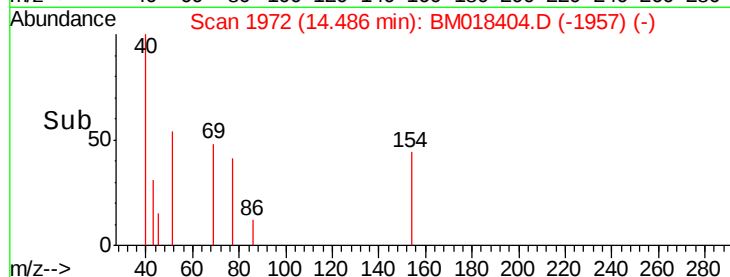
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

14.49

14.50

Time-->



#58

Fluorene

Concen: 0.011 ng

RT: 15.47 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BM018404.D

Acq: 27 Dec 2018 19:53

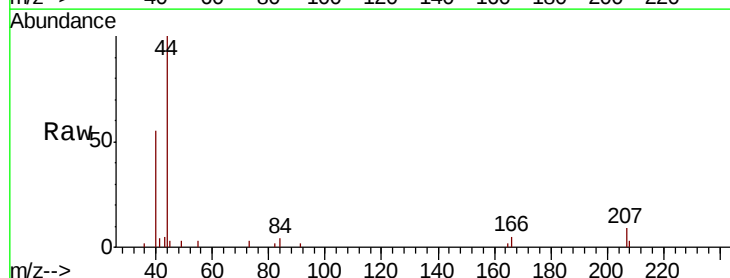
Tgt Ion:166 Resp: 844

Ion Ratio Lower Upper

166 100

165 39.3 78.3 117.5#

167 0.0 10.9 16.3#



Abundance Ion 166.00 (165.70 to 166.70): E

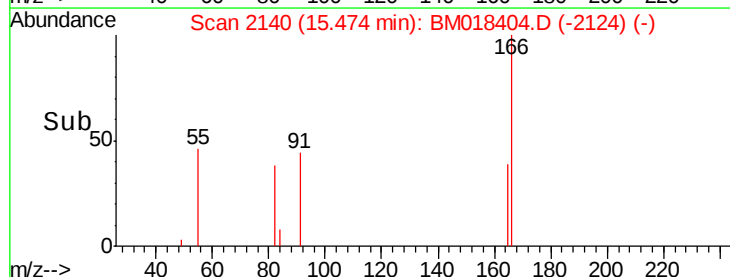
Ion 165.00 (164.70 to 165.70): E

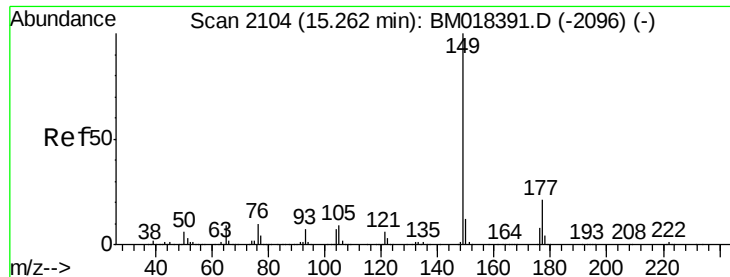
Ion 167.00 (166.70 to 167.70): E

15.47

15.48

Time-->

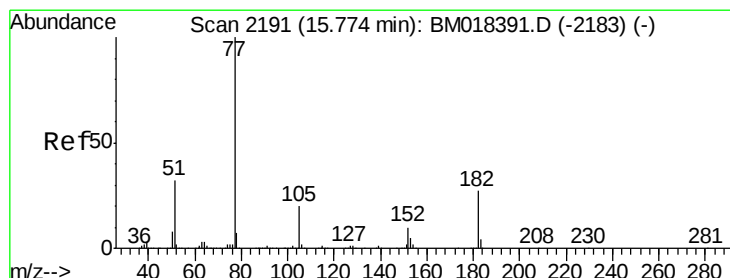
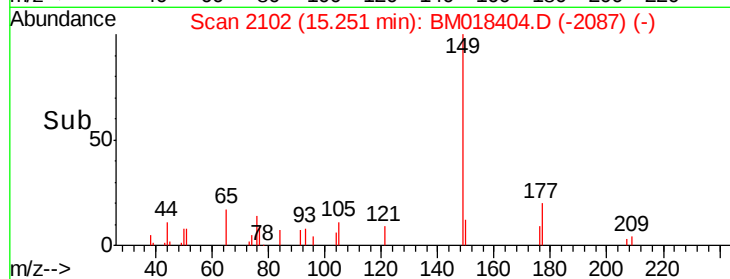
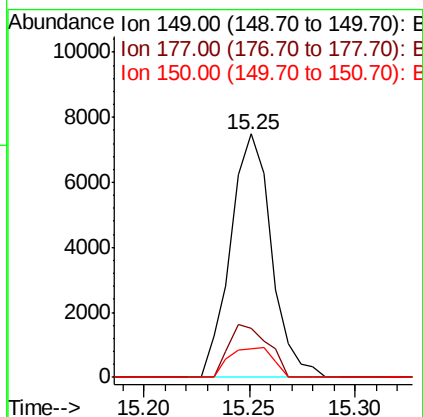
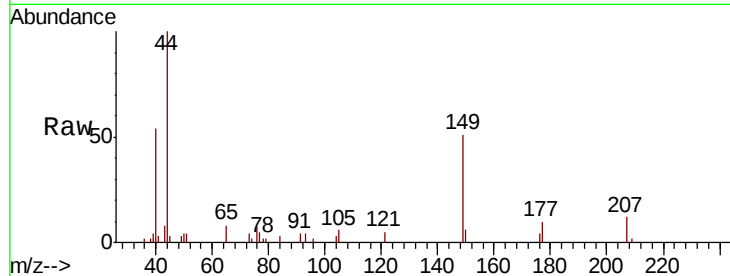




#60
Diethylphthalate
Concen: 0.118 ng
RT: 15.25 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM018404.D
Acq: 27 Dec 2018 19:53

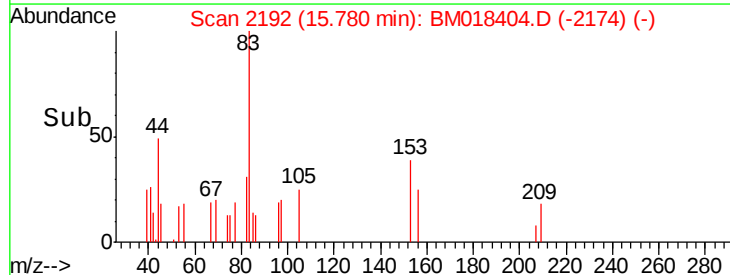
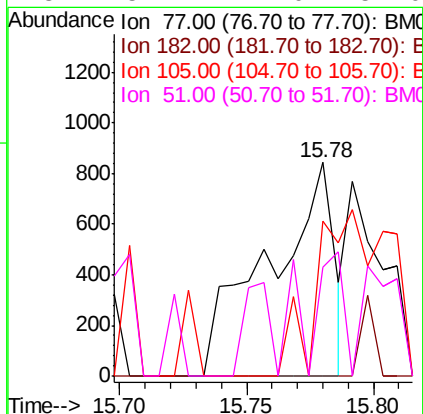
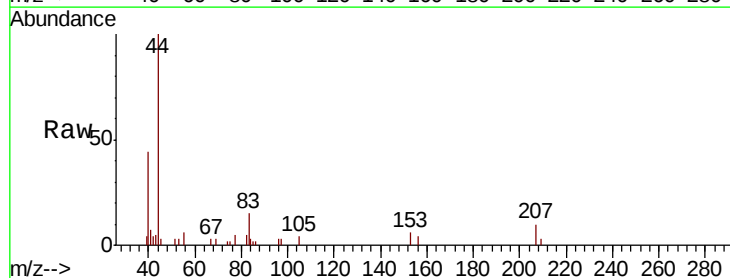
Instrument :
BNA_M
ClientSampleId :
PB116034BL

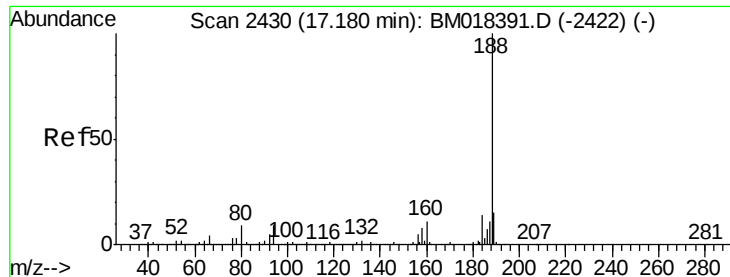
Tgt Ion: 149 Resp: 10073
Ion Ratio Lower Upper
149 100
177 20.4 17.1 25.7
150 11.9 9.8 14.6



#63
Azobenzene
Concen: 0.019 ng
RT: 15.78 min Scan# 2192
Delta R.T. 0.01 min
Lab File: BM018404.D
Acq: 27 Dec 2018 19:53

Tgt Ion: 77 Resp: 1510
Ion Ratio Lower Upper
77 100
182 0.0 7.4 47.4#
105 72.7 0.0 39.6#
51 51.2 12.0 52.0

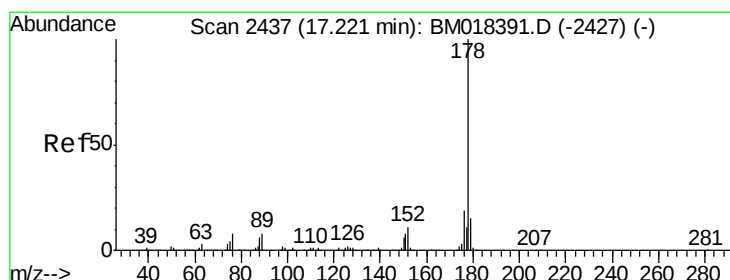
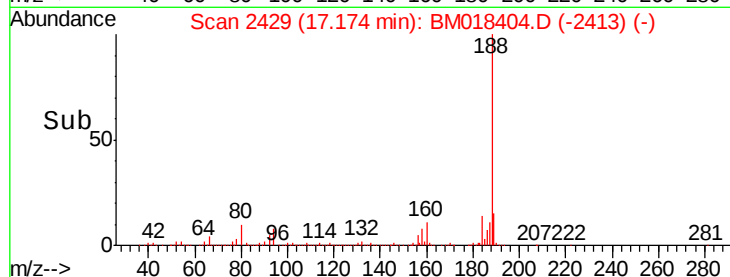
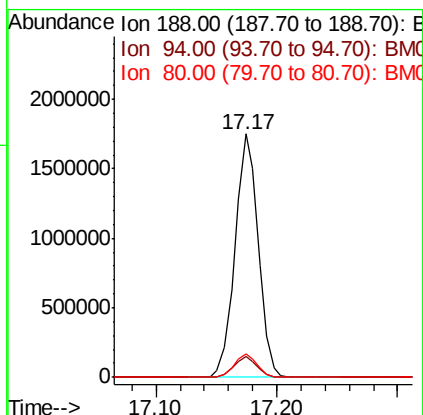
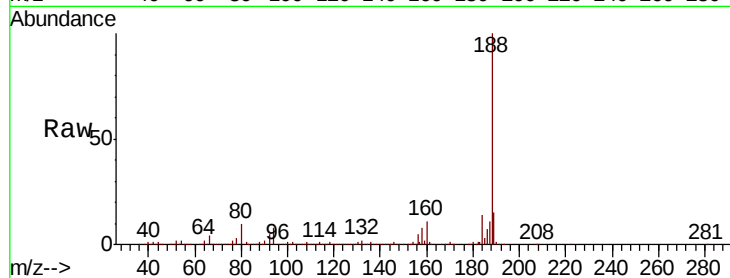




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BM018404.D
Acq: 27 Dec 2018 19:53

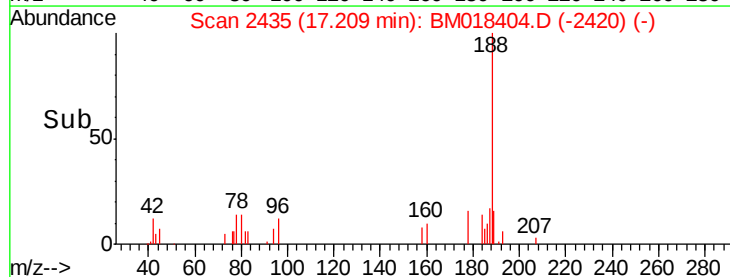
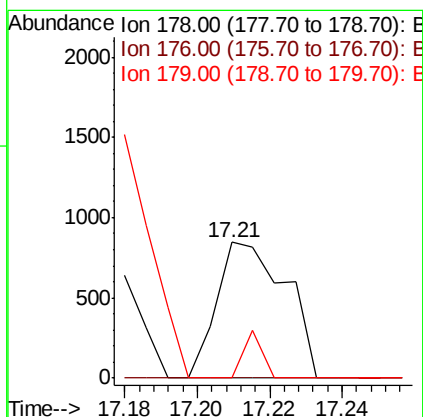
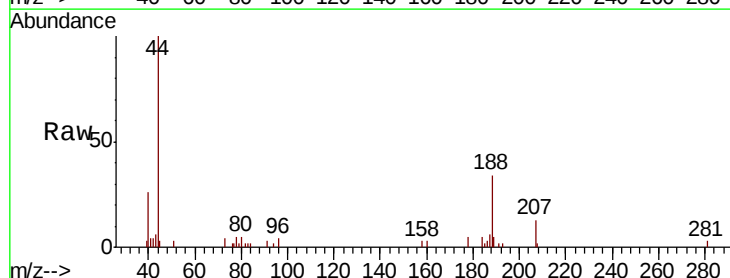
Instrument :
BNA_M
ClientSampleId :
PB116034BL

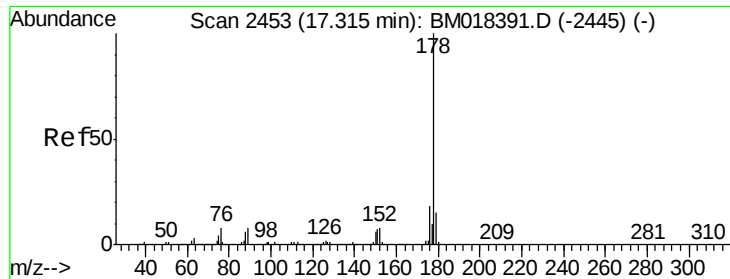
Tgt Ion:188 Resp: 2342686
Ion Ratio Lower Upper
188 100
94 8.5 7.1 10.7
80 9.7 7.6 11.4



#71
Phenanthrene
Concen: 0.009 ng
RT: 17.21 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BM018404.D
Acq: 27 Dec 2018 19:53

Tgt Ion:178 Resp: 1121
Ion Ratio Lower Upper
178 100
176 0.0 15.4 23.0#
179 0.0 12.2 18.4#





#72

Anthracene

Concen: 0.005 ng

RT: 17.31 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BM018404.D

Acq: 27 Dec 2018 19:53

Instrument :

BNA_M

ClientSampleId :

PB116034BL

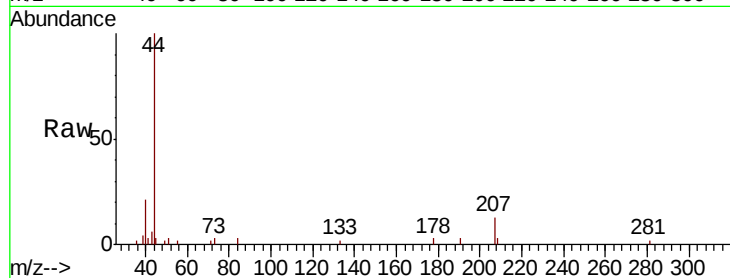
Tgt Ion:178 Resp: 569

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

17.31

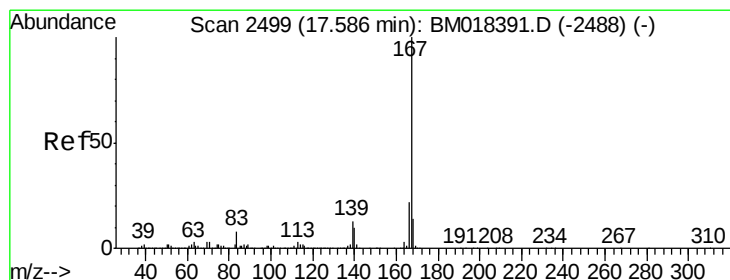
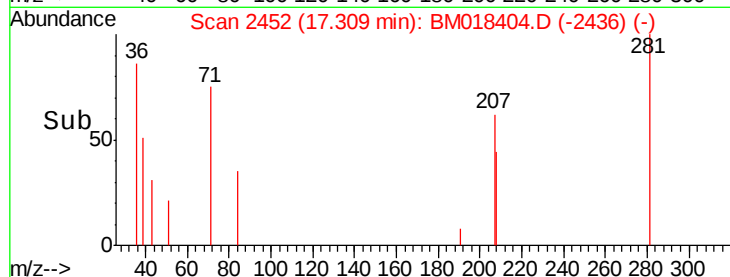
400

200

0

17.28 17.30 17.32 17.34

Time-->



#73

Carbazole

Concen: 0.005 ng

RT: 17.59 min Scan# 2499

Delta R.T. 0.00 min

Lab File: BM018404.D

Acq: 27 Dec 2018 19:53

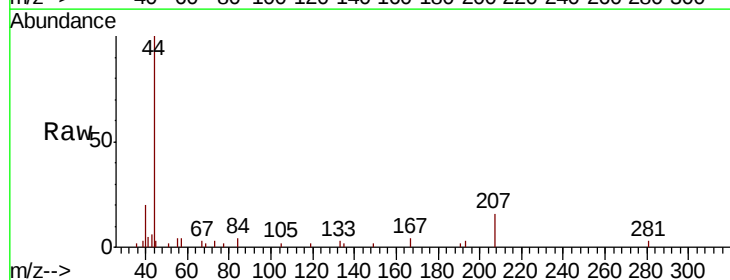
Tgt Ion:167 Resp: 654

Ion Ratio Lower Upper

167 100

166 0.0 17.4 26.2#

139 0.0 10.6 16.0#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

17.59

800

600

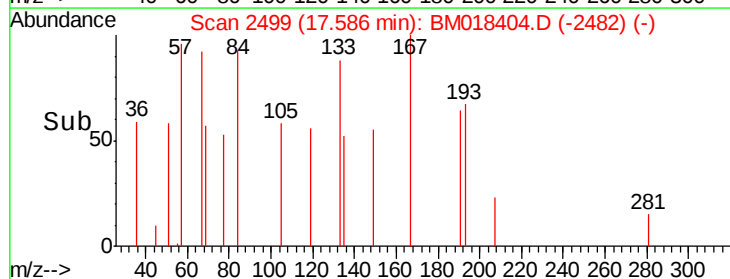
400

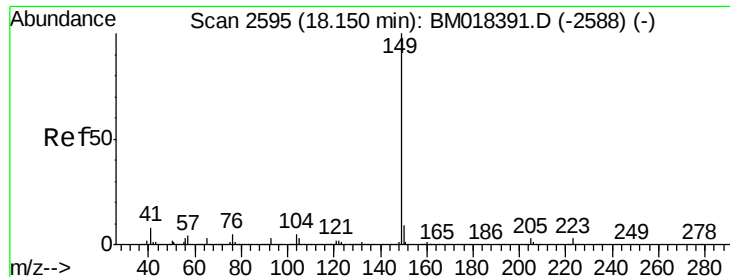
200

0

17.55 17.60

Time-->

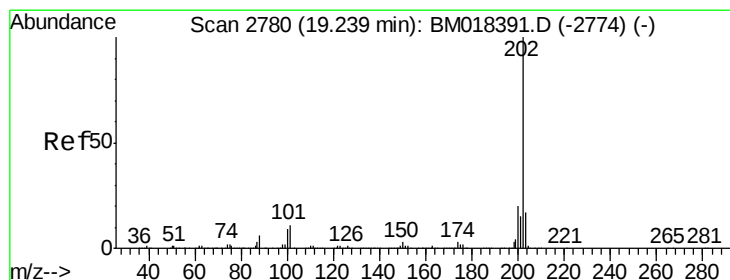
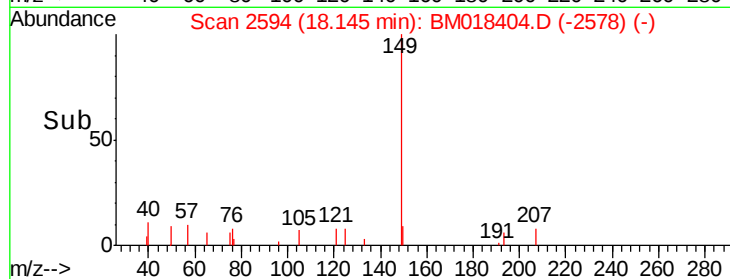
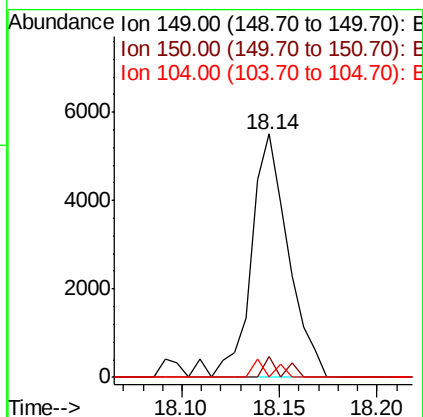
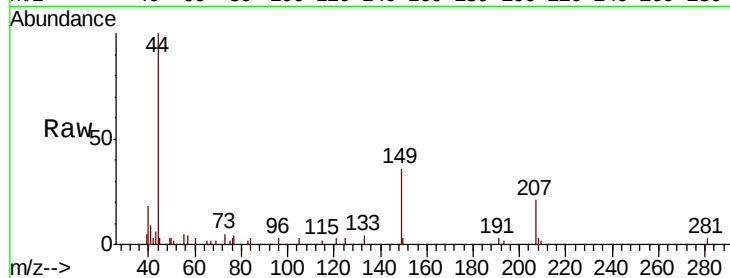




#74
Di-n-butylphthalate
Concen: 0.049 ng
RT: 18.14 min Scan# 2594
Delta R.T. -0.01 min
Lab File: BM018404.D
Acq: 27 Dec 2018 19:53

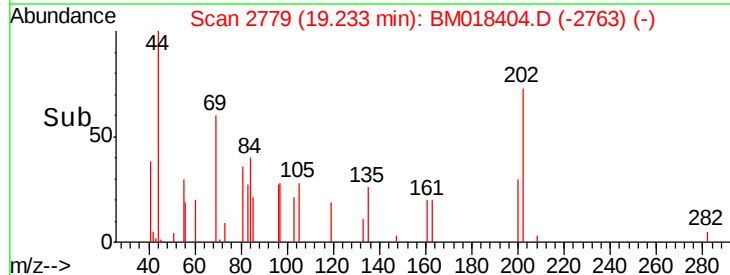
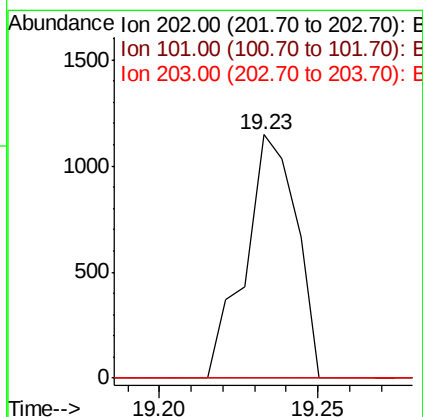
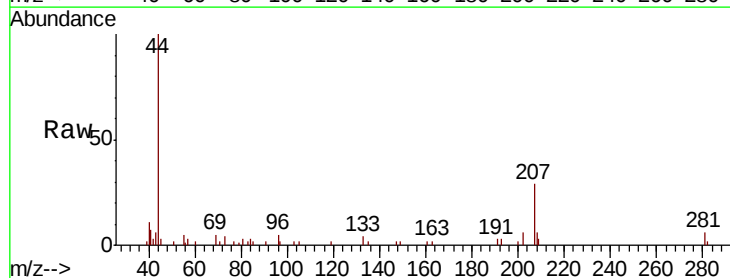
Instrument :
BNA_M
ClientSampleId :
PB116034BL

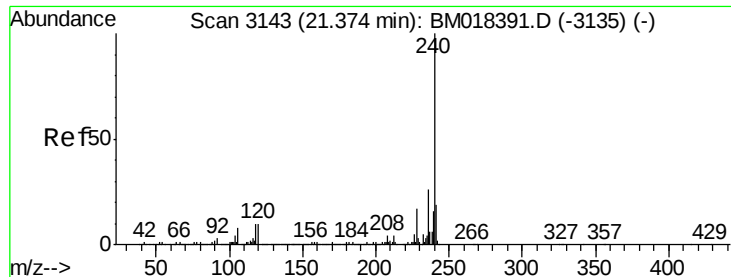
Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.6	7.3	10.9
104	0.0	4.2	6.4



#75
Fluoranthene
Concen: 0.009 ng
RT: 19.23 min Scan# 2779
Delta R.T. -0.01 min
Lab File: BM018404.D
Acq: 27 Dec 2018 19:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	30.9
203	0.0	0.0	37.4

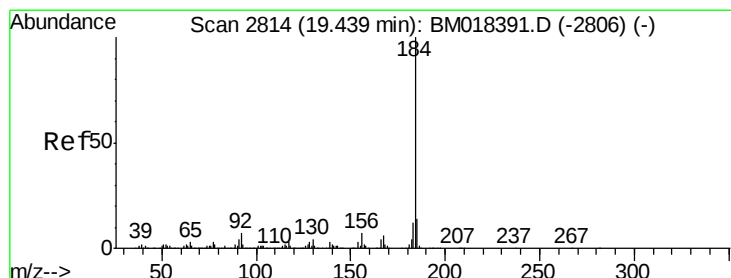
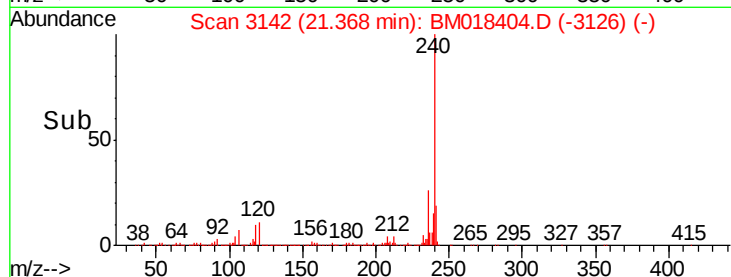
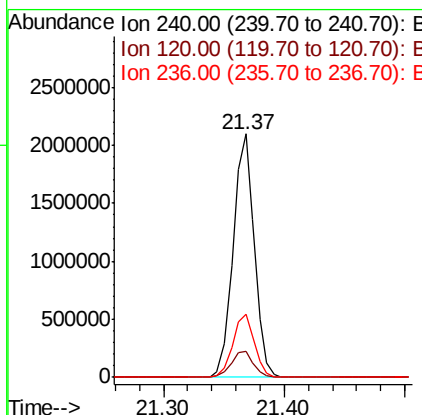
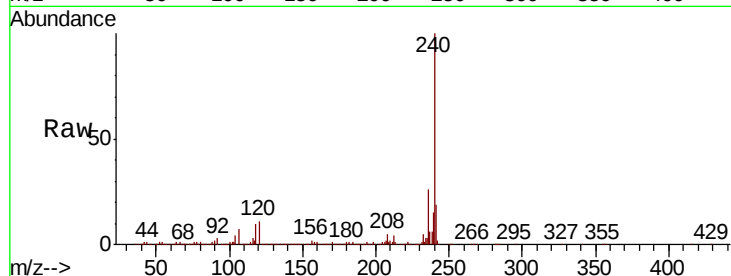




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.37 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BM018404.D
Acq: 27 Dec 2018 19:53

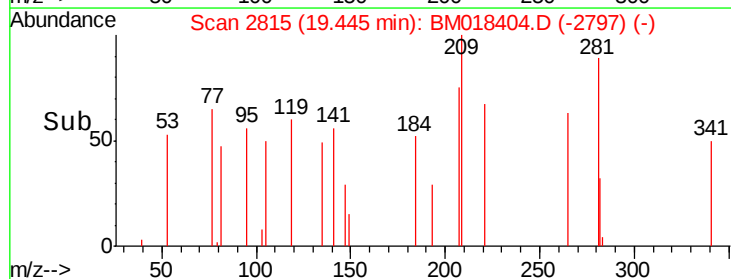
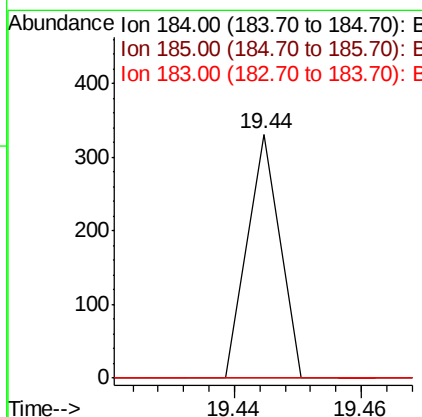
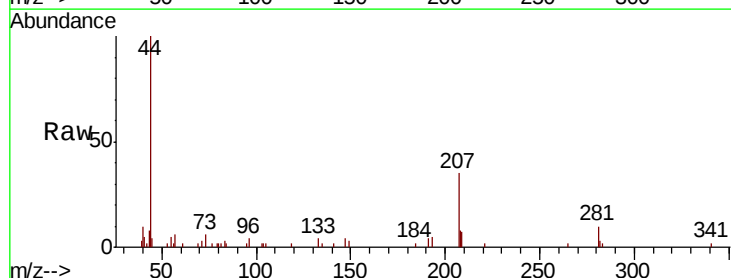
Instrument :
BNA_M
ClientSampleId :
PB116034BL

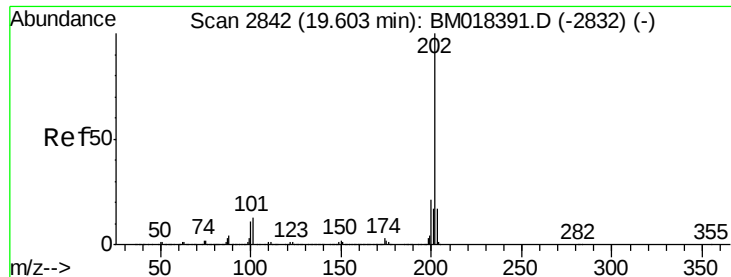
Tgt Ion:240 Resp: 2560469
Ion Ratio Lower Upper
240 100
120 10.6 8.4 12.6
236 25.9 20.7 31.1



#77
Benzidine
Concen: 0.002 ng
RT: 19.44 min Scan# 2815
Delta R.T. 0.01 min
Lab File: BM018404.D
Acq: 27 Dec 2018 19:53

Tgt Ion:184 Resp: 117
Ion Ratio Lower Upper
184 100
185 0.0 11.4 17.0#
183 0.0 9.5 14.3#

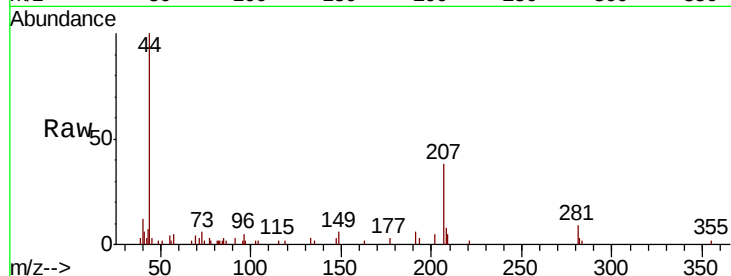




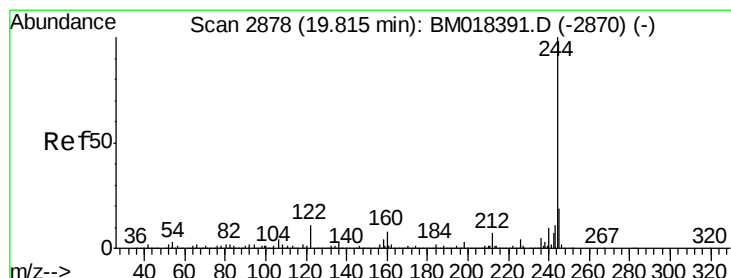
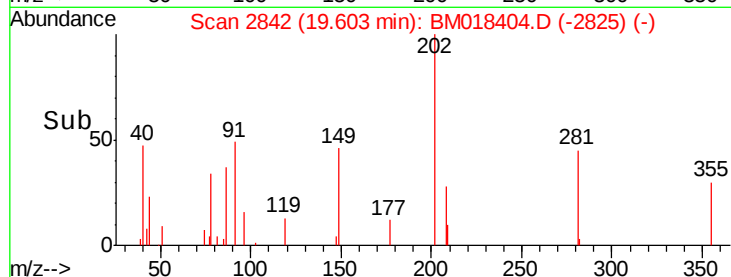
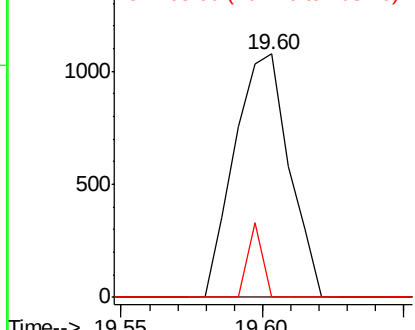
#78
Pyrene
Concen: 0.010 ng
RT: 19.60 min Scan# 2842
Delta R.T. 0.00 min
Lab File: BM018404.D
Acq: 27 Dec 2018 19:53

Instrument :
BNA_M
ClientSampleId :
PB116034BL

Tgt Ion: 202 Resp: 1449
Ion Ratio Lower Upper
202 100
200 0.0 16.6 24.8#
203 0.0 13.8 20.8#

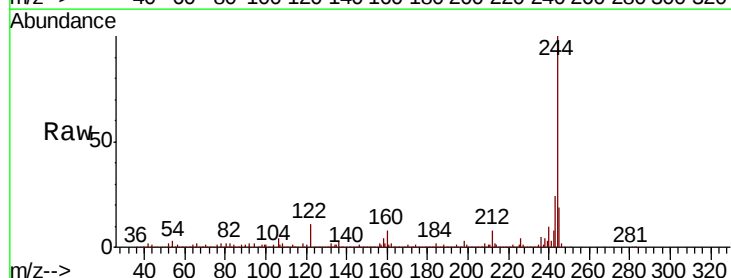


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

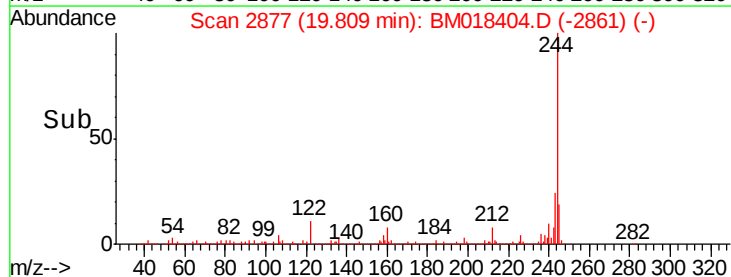
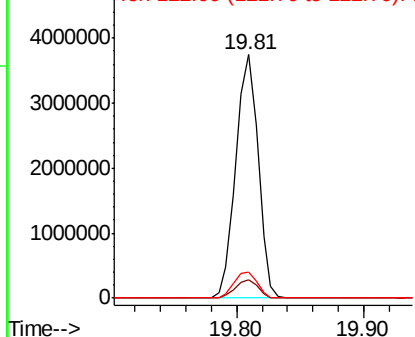


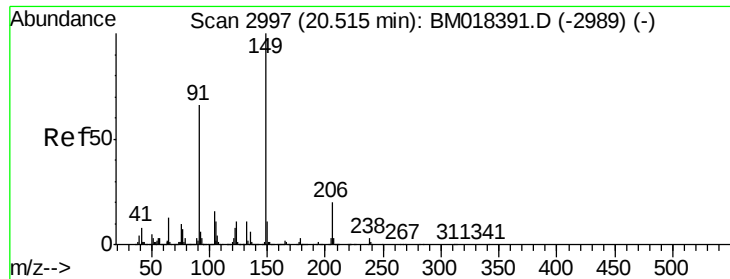
#79
Terphenyl-d14
Concen: 37.883 ng
RT: 19.81 min Scan# 2877
Delta R.T. -0.01 min
Lab File: BM018404.D
Acq: 27 Dec 2018 19:53

Tgt Ion: 244 Resp: 4552074
Ion Ratio Lower Upper
244 100
212 7.8 5.9 8.9
122 10.9 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: 6.657 ng

RT: 20.51 min Scan# 2996

Delta R.T. -0.01 min

Lab File: BM018404.D

Acq: 27 Dec 2018 19:53

Instrument :

BNA_M

ClientSampleId :

PB116034BL

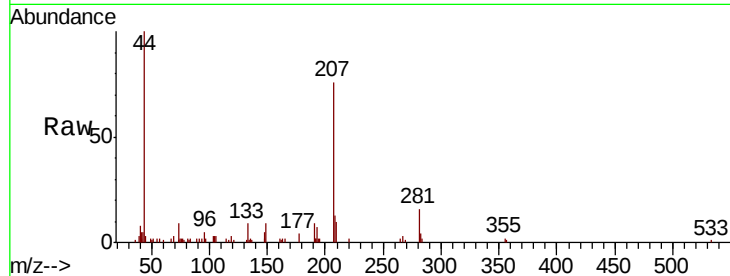
Tgt Ion:149 Resp: 1797

Ion Ratio Lower Upper

149 100

91 24.1 53.1 79.7#

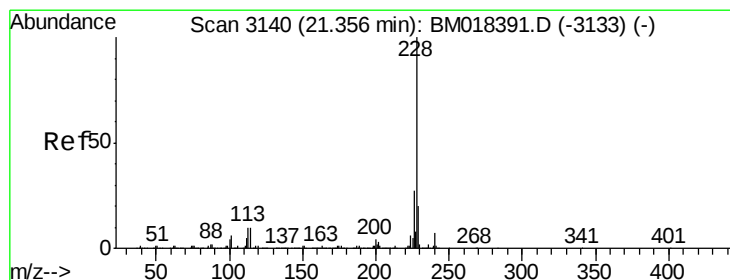
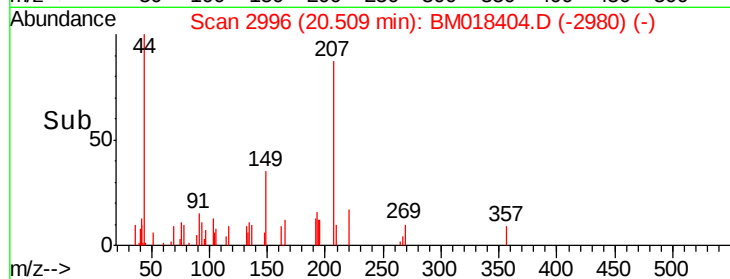
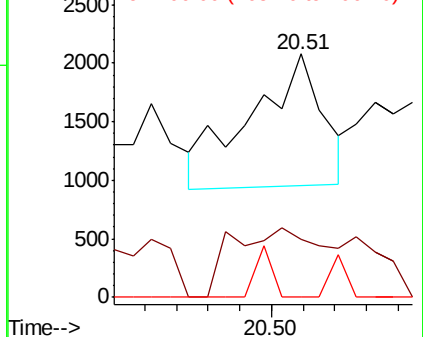
206 0.0 16.2 24.4#



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: 0.053 ng

RT: 21.37 min Scan# 3142

Delta R.T. 0.01 min

Lab File: BM018404.D

Acq: 27 Dec 2018 19:53

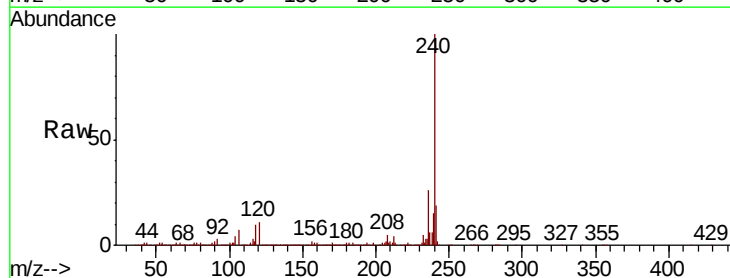
Tgt Ion:228 Resp: 7991

Ion Ratio Lower Upper

228 100

226 10.7 21.8 32.6#

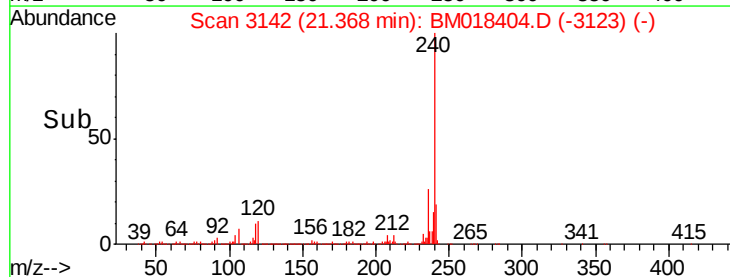
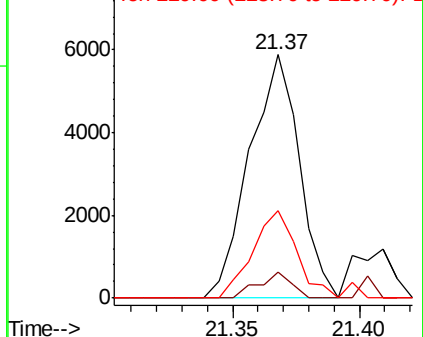
229 36.0 15.8 23.8#

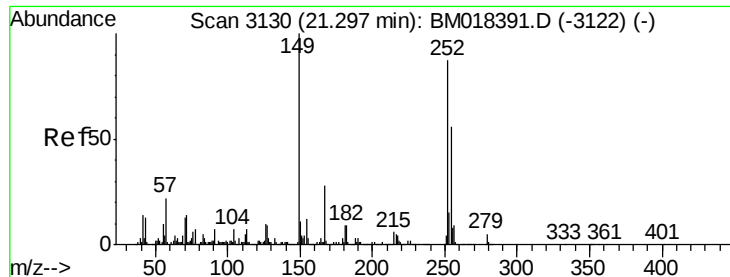


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

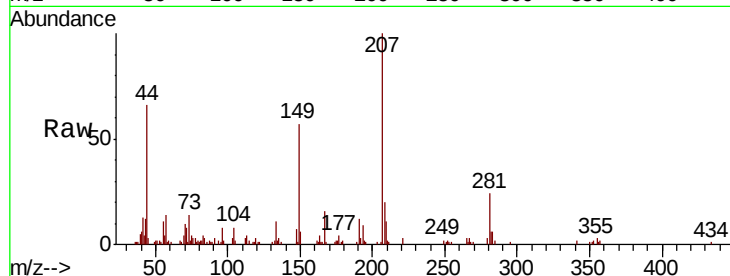




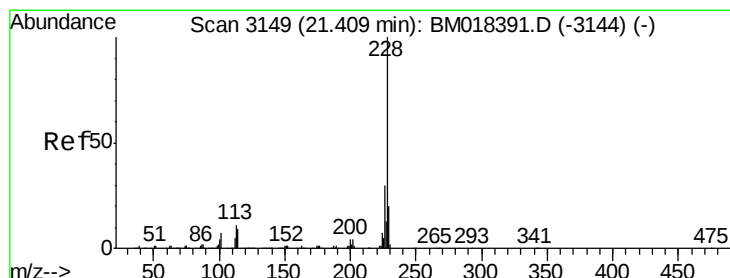
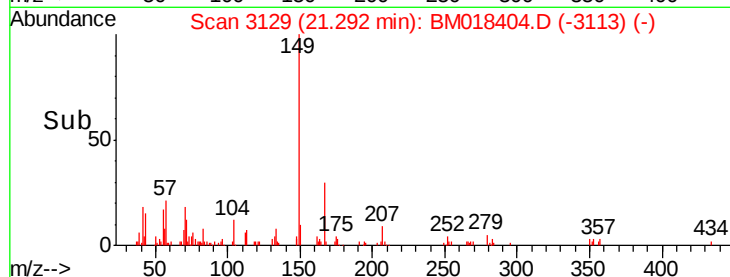
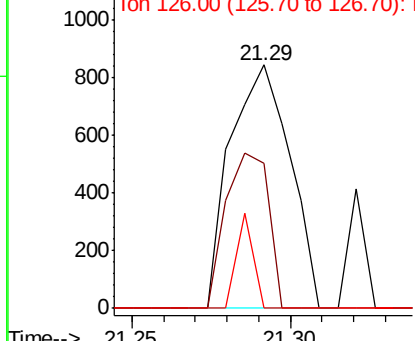
#82
 3,3'-Dichlorobenzidine
 Concen: 0.019 ng
 RT: 21.29 min Scan# 3129
 Delta R.T. -0.01 min
 Lab File: BM018404.D
 Acq: 27 Dec 2018 19:53

Instrument :
 BNA_M
 ClientSampleId :
 PB116034BL

Tgt Ion:252 Resp: 1101
 Ion Ratio Lower Upper
 252 100
 254 59.8 51.4 77.0
 126 0.0 8.7 13.1#

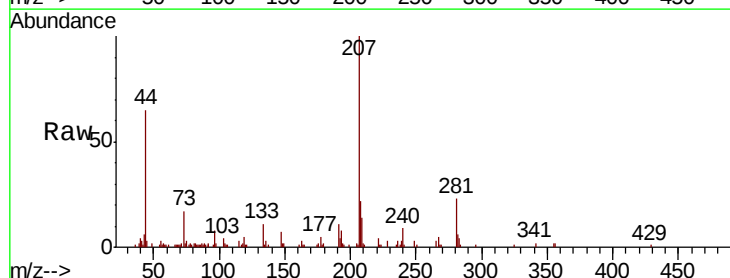


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

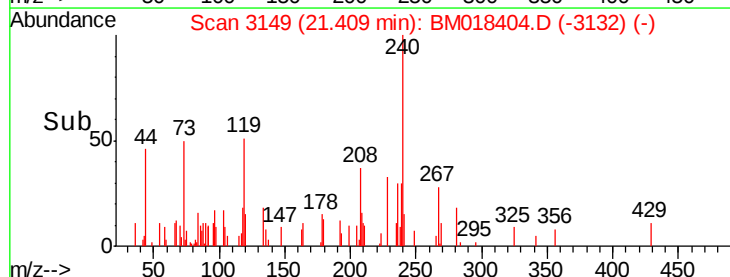
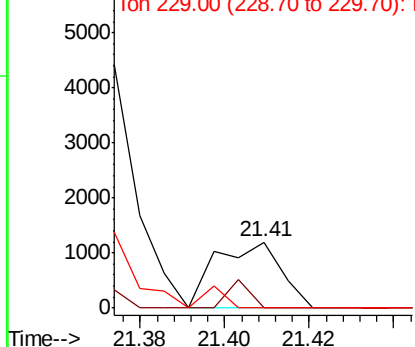


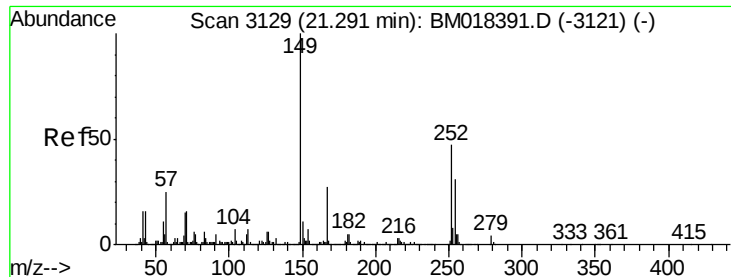
#83
 Chrysene
 Concen: 0.009 ng
 RT: 21.41 min Scan# 3149
 Delta R.T. 0.00 min
 Lab File: BM018404.D
 Acq: 27 Dec 2018 19:53

Tgt Ion:228 Resp: 1281
 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

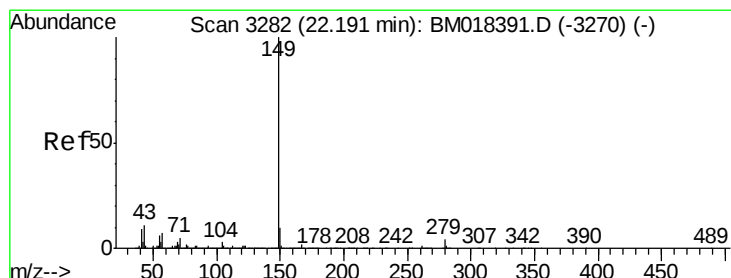
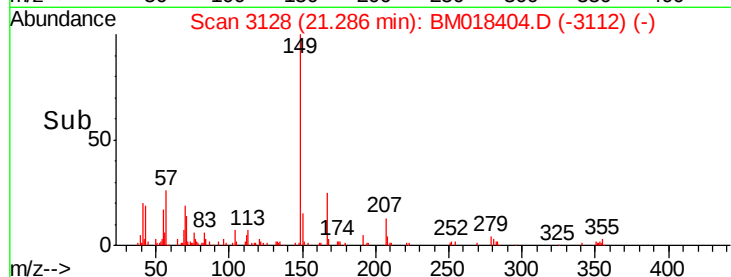
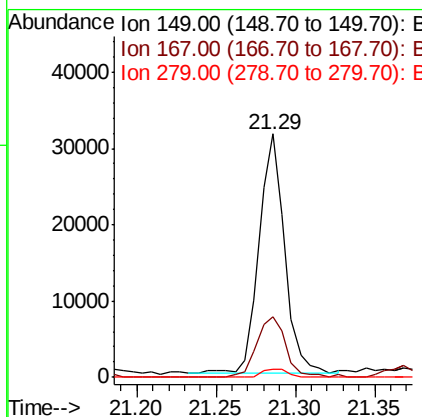
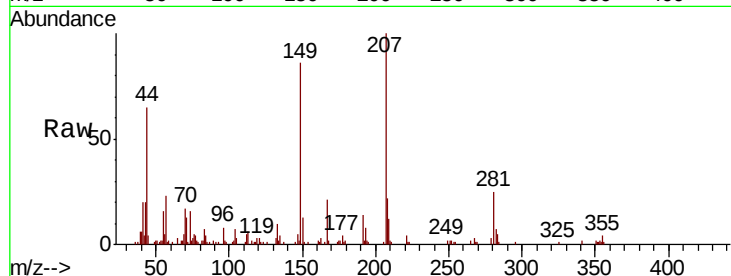




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.355 ng
 RT: 21.29 min Scan# 3128
 Delta R.T. -0.01 min
 Lab File: BM018404.D
 Acq: 27 Dec 2018 19:53

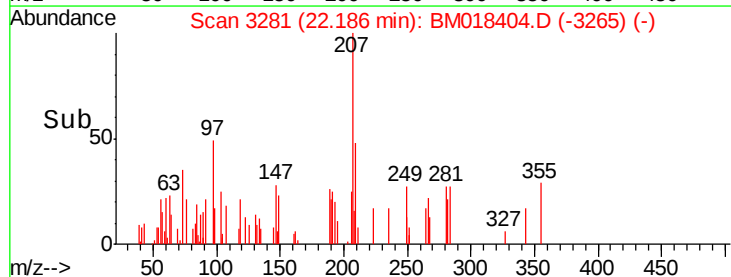
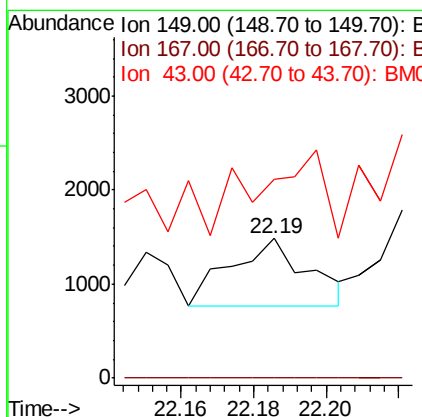
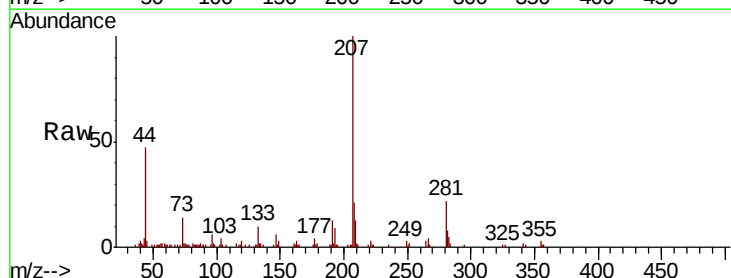
Instrument :
 BNA_M
 ClientSampleId :
 PB116034BL

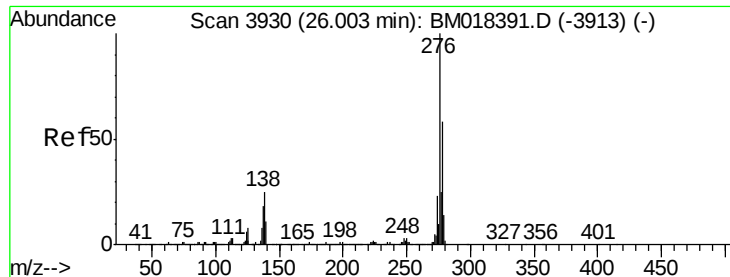
Tgt Ion:149 Resp: 35576
 Ion Ratio Lower Upper
 149 100
 167 24.7 21.6 32.4
 279 3.5 3.3 4.9



#85
 Di-n-octyl phthalate
 Concen: 0.006 ng
 RT: 22.19 min Scan# 3281
 Delta R.T. -0.01 min
 Lab File: BM018404.D
 Acq: 27 Dec 2018 19:53

Tgt Ion:149 Resp: 1044
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.3 1.9#
 43 133.5 8.6 12.8#





#86

Indeno(1,2,3-cd)pyrene

Concen: 0.003 ng

RT: 25.97 min Scan# 3925

Delta R.T. -0.03 min

Lab File: BM018404.D

Acq: 27 Dec 2018 19:53

Instrument :

BNA_M

ClientSampleId :

PB116034BL

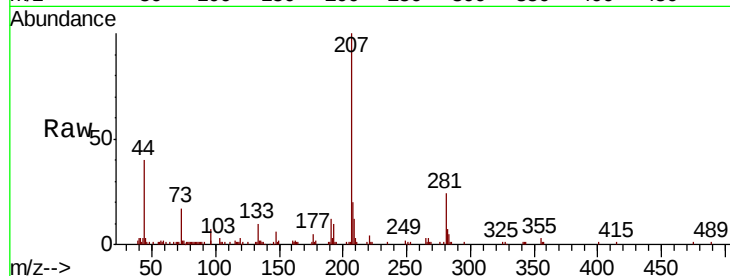
Tgt Ion:276 Resp: 597

Ion Ratio Lower Upper

276 100

138 38.5 21.5 32.3#

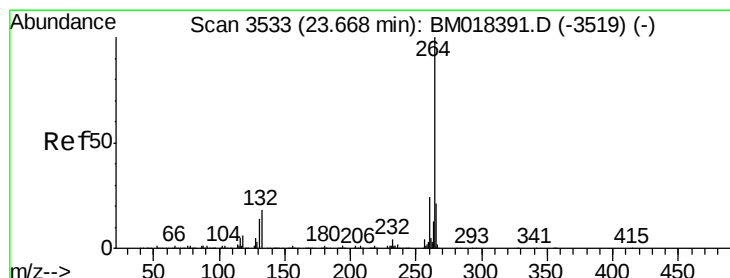
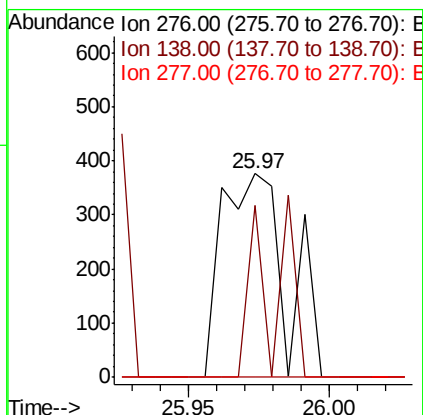
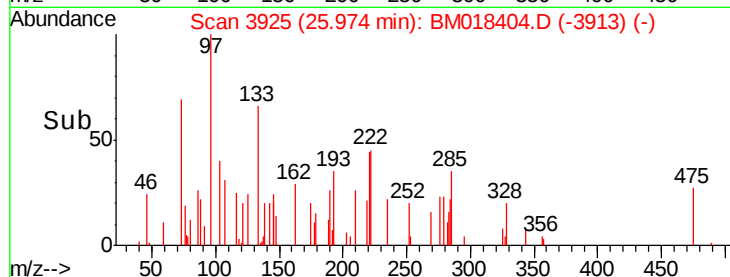
277 0.0 20.2 30.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.66 min Scan# 3532

Delta R.T. -0.01 min

Lab File: BM018404.D

Acq: 27 Dec 2018 19:53

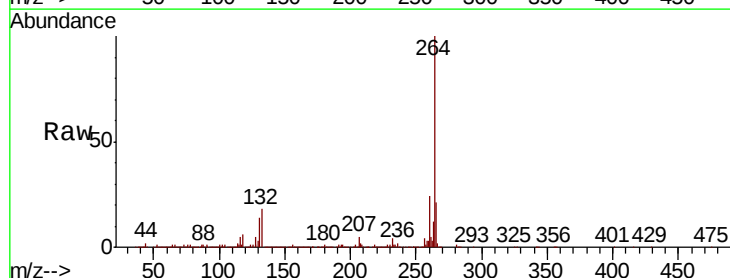
Tgt Ion:264 Resp: 2624605

Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

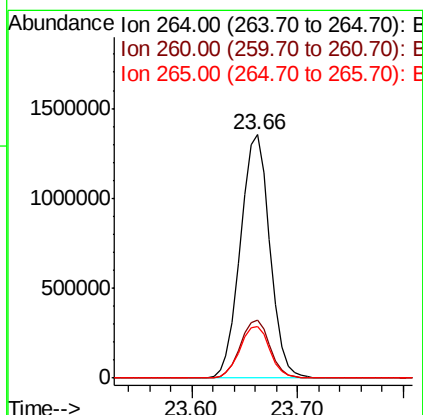
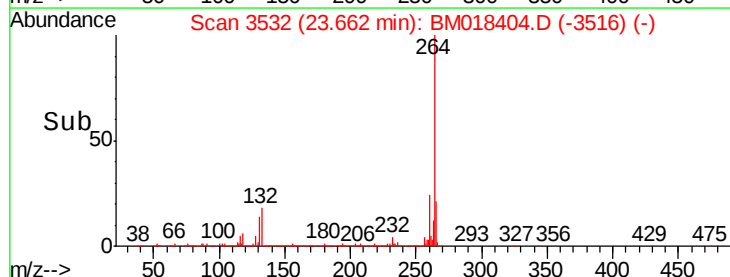
265 21.3 16.8 25.2

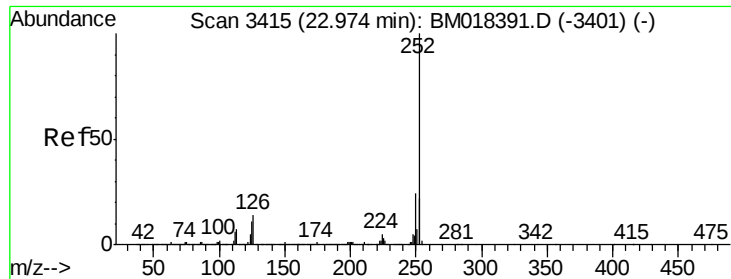


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 0.016 ng

RT: 22.97 min Scan# 3415

Delta R.T. 0.00 min

Lab File: BM018404.D

Acq: 27 Dec 2018 19:53

Instrument :

BNA_M

ClientSampleId :

PB116034BL

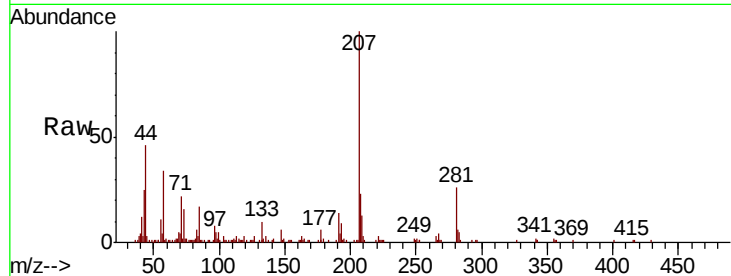
Tgt Ion:252 Resp: 2311

Ion Ratio Lower Upper

252 100

253 64.1 17.6 26.4#

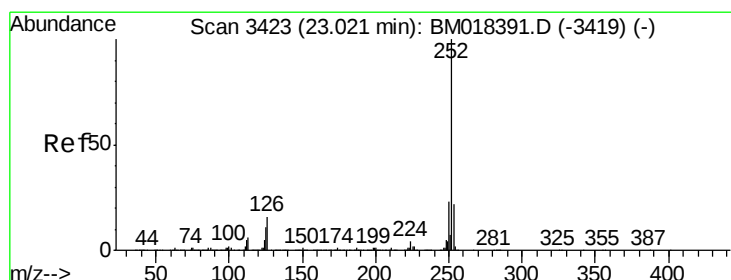
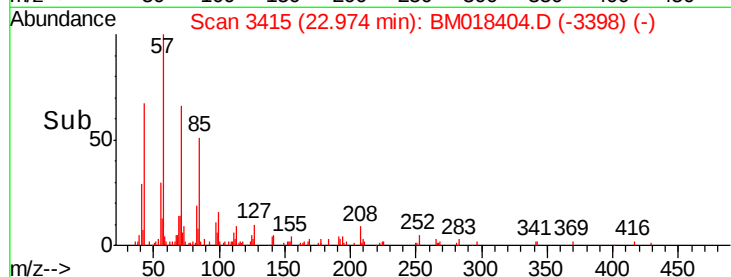
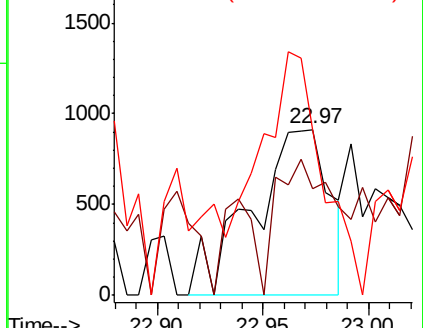
125 99.9 8.5 12.7#



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: 0.002 ng

RT: 23.04 min Scan# 3426

Delta R.T. 0.02 min

Lab File: BM018404.D

Acq: 27 Dec 2018 19:53

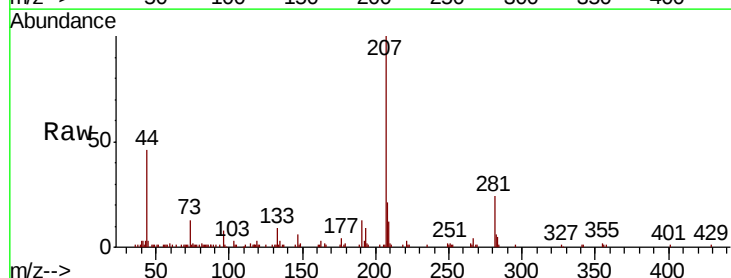
Tgt Ion:252 Resp: 340

Ion Ratio Lower Upper

252 100

253 57.4 17.4 26.0#

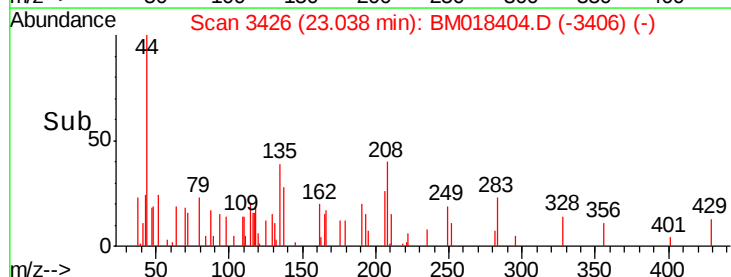
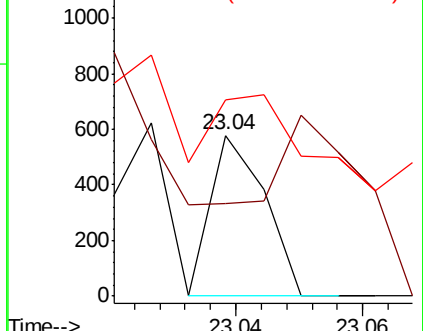
125 122.1 8.6 12.8#

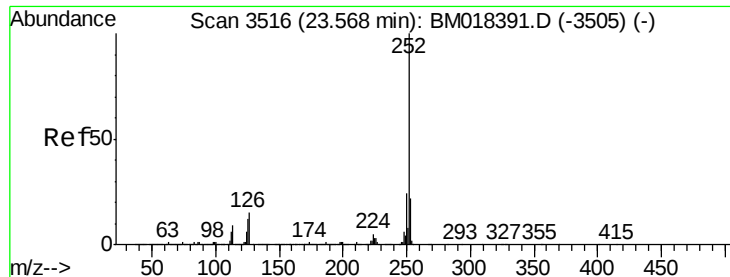


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 0.007 ng

RT: 23.56 min Scan# 3514

Delta R.T. -0.01 min

Lab File: BM018404.D

Acq: 27 Dec 2018 19:53

Instrument :

BNA_M

ClientSampleId :

PB116034BL

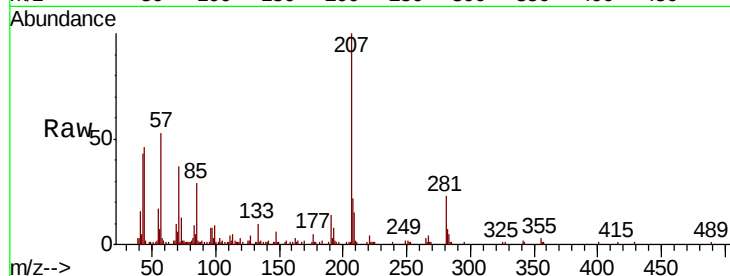
Tgt Ion:252 Resp: 972

Ion Ratio Lower Upper

252 100

253 67.4 17.5 26.3#

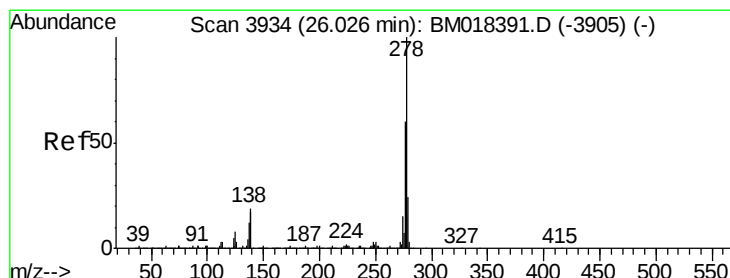
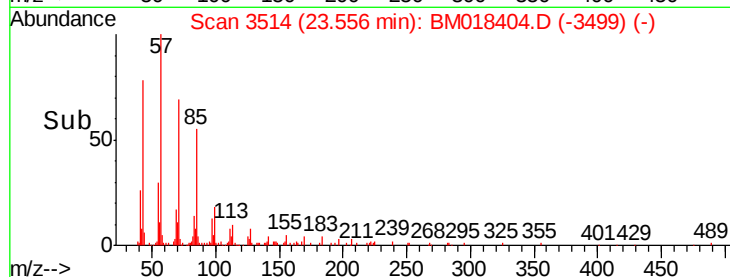
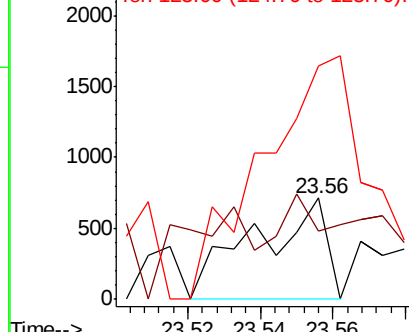
125 230.5 9.7 14.5#



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



#91

Dibenzo(a,h)anthracene

Concen: 0.002 ng

RT: 26.00 min Scan# 3929

Delta R.T. -0.03 min

Lab File: BM018404.D

Acq: 27 Dec 2018 19:53

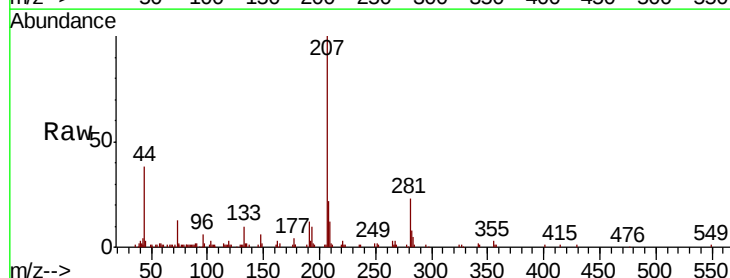
Tgt Ion:278 Resp: 313

Ion Ratio Lower Upper

278 100

139 0.0 13.2 19.8#

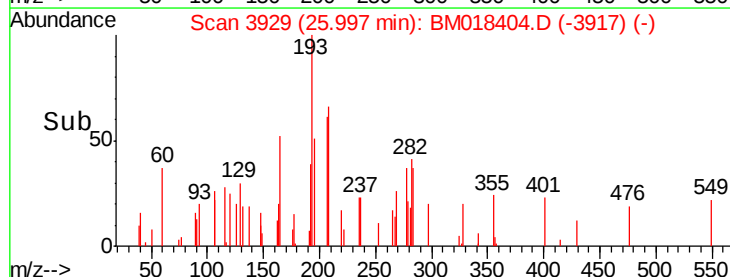
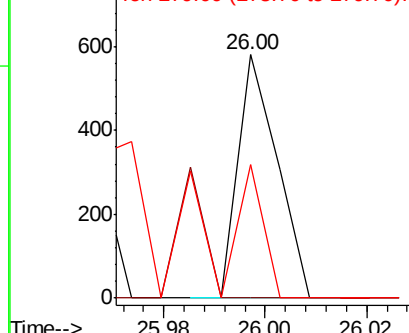
279 55.1 19.0 28.4#

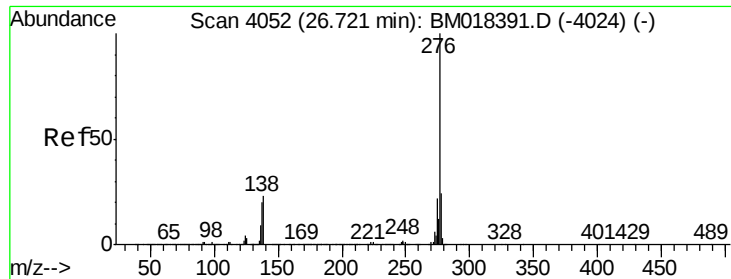


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(g,h,i)perylene

Concen: 0.001 ng

RT: 26.69 min Scan# 4047

Delta R.T. -0.03 min

Lab File: BM018404.D

Acq: 27 Dec 2018 19:53

Instrument :

BNA_M

ClientSampleId :

PB116034BL

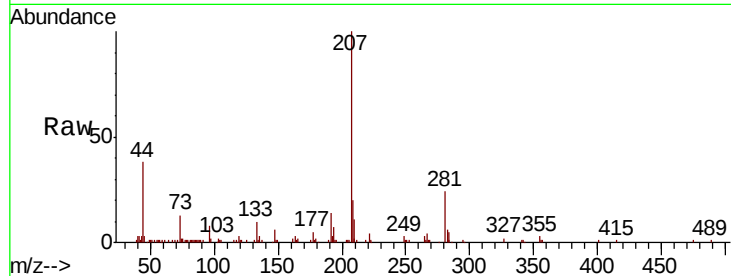
Tgt Ion: 276 Resp: 109

Ion Ratio Lower Upper

276 100

277 0.0 19.0 28.4#

138 0.0 18.1 27.1#



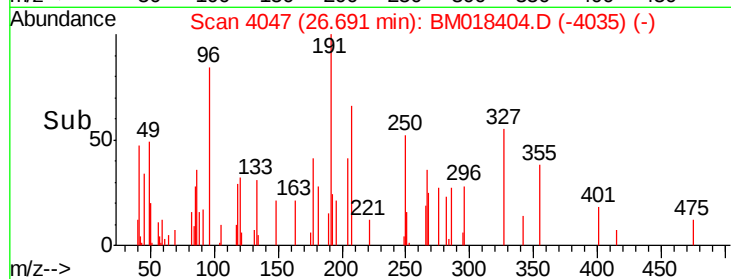
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

26.69



Time-->