

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122718\
 Data File : BM018406.D
 Acq On : 27 Dec 2018 21:05
 Operator : JU/SJ
 Sample : PB116035BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116035BL

Quant Time: Dec 28 04:06:30 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	314046	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	1418356	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	875200	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	2039036	20.00	ng	0.00
76) Chrysene-d12	21.37	240	2239550	20.00	ng	0.00
87) Perylene-d12	23.66	264	2312357	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	212659	12.77	ng	0.00
7) Phenol-d6	6.93	99	210050	9.08	ng	0.00
23) Nitrobenzene-d5	8.95	82	497348	20.13	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	325577	29.28	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	1488792	23.04	ng	0.00
79) Terphenyl-d14	19.81	244	3508412	33.38	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.32	88	624	0.092	ng	# 1
3) Pyridine	3.67	79	249	0.013	ng	# 1
4) n-Nitrosodimethylamine	3.62	42	375	0.049	ng	# 1
6) Aniline	7.10	93	157	0.005	ng	# 44
9) Benzaldehyde	6.92	77	3925	0.242	ng	# 46
10) Phenol	6.95	94	1031	0.043	ng	# 1
15) Benzyl Alcohol	8.03	79	836	0.047	ng	# 41
16) 2,2'-oxybis(1-Chloropropan	8.36	45	1031	0.035	ng	# 69
22) Acetophenone	8.61	105	836	0.023	ng	# 43
24) Nitrobenzene	8.98	77	424	0.017	ng	# 38
27) 2,4-Dimethylphenol	9.77	122	631	0.036	ng	# 3
31) Naphthalene	10.62	128	1814	0.027	ng	# 69
37) 2-Methylnaphthalene	12.25	142	110	0.002	ng	# 15
46) 1,1'-Biphenyl	13.26	154	3663	0.049	ng	# 88
50) Dimethylphthalate	13.89	163	245	0.003	ng	# 78
51) 2,6-Dinitrotoluene	13.95	165	252	0.016	ng	# 23
52) Acenaphthene	14.43	154	3148	0.059	ng	# 4
58) Fluorene	15.49	166	2098	0.031	ng	# 9
60) Diethylphthalate	15.25	149	9732	0.127	ng	# 90
63) Azobenzene	15.75	77	164	0.002	ng	# 24
71) Phenanthrene	17.22	178	924	0.009	ng	# 60
72) Anthracene	17.31	178	135	0.001	ng	# 61
73) Carbazole	17.58	167	265	0.002	ng	# 59
74) Di-n-butylphthalate	18.14	149	12179	0.095	ng	# 89
75) Fluoranthene	19.23	202	1002	0.008	ng	# 1
77) Benzdine	19.39	184	114	0.002	ng	# 67
78) Pyrene	19.59	202	1065	0.008	ng	# 58
80) Butylbenzylphthalate	20.52	149	1017	6.649	ng	# 63
81) Benzo(a)anthracene	21.36	228	7088	0.054	ng	# 69
82) 3,3'-Dichlorobenzidine	21.29	252	930	0.018	ng	# 26
83) Chrysene	21.40	228	613	0.005	ng	# 49
84) Bis(2-ethylhexyl)phthalate	21.28	149	35666	0.407	ng	# 96
85) Di-n-octyl phthalate	22.18	149	616	0.004	ng	# 1
88) Benzo(b)fluoranthene	22.95	252	849	0.007	ng	# 1

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QLast Update : Thu Dec 27 14:18:47 2018
Response via : Initial Calibration

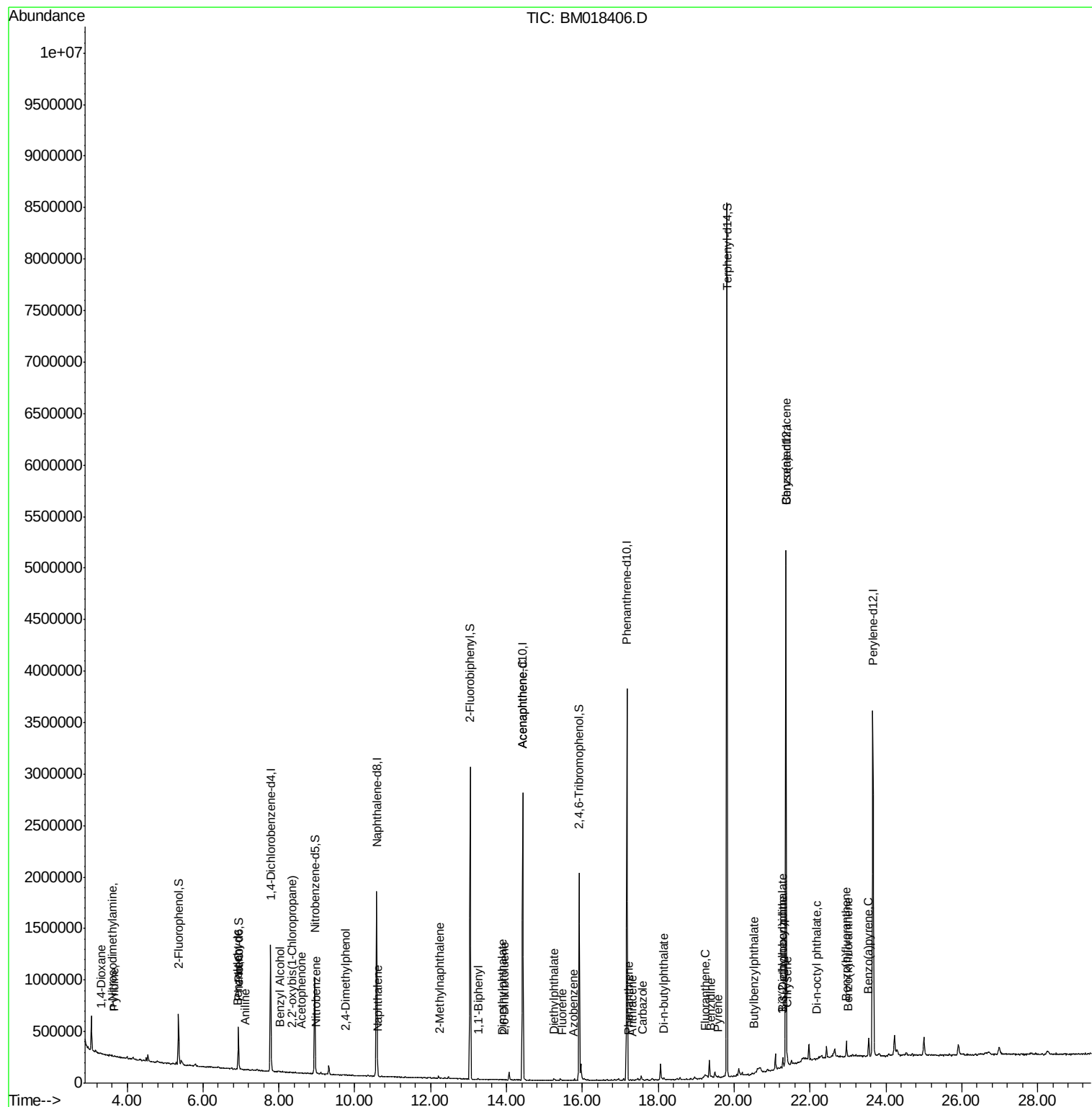
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(k)fluoranthene	23.01	252	568	0.004	ng	# 1
90) Benzo(a)pyrene	23.54	252	655	0.005	ng	# 1

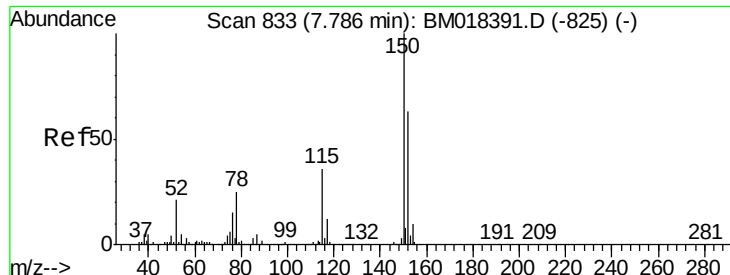
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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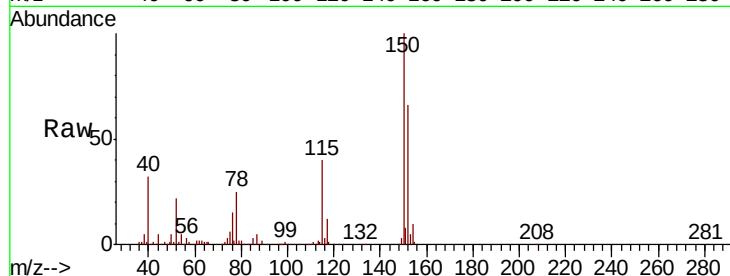


#1

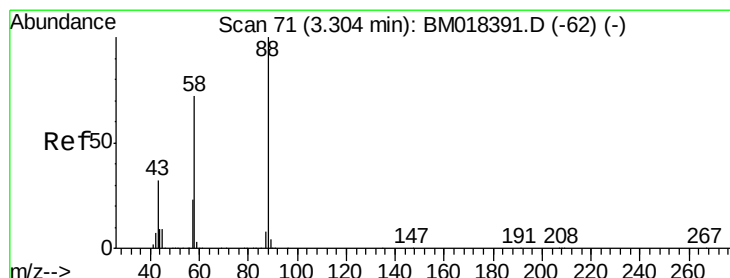
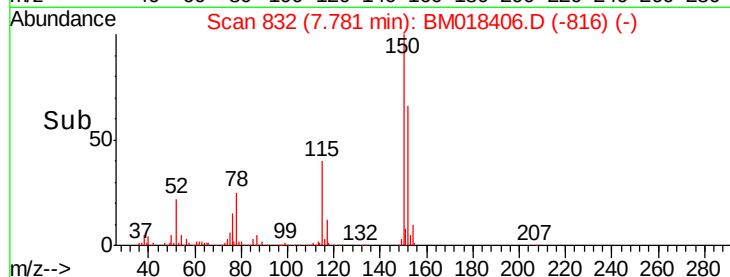
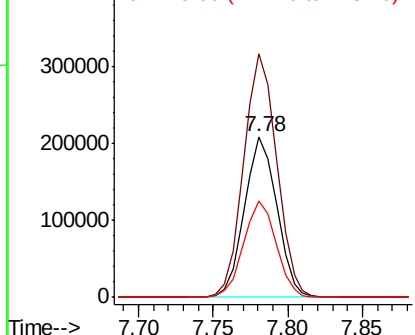
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 832
Delta R.T. -0.01 min
Lab File: BM018406.D
Acq: 27 Dec 2018 21:05

Instrument :
BNA_M
ClientSampleId :
PB116035BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.4	126.9	190.3
115	59.8	45.5	68.3



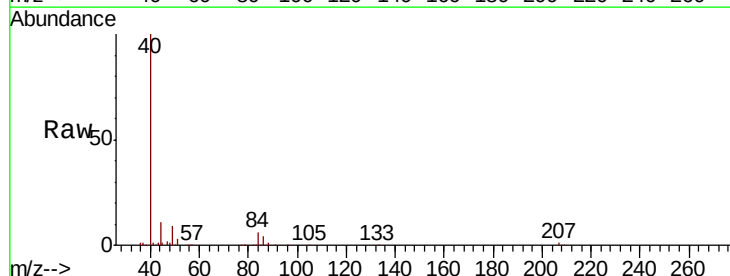
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



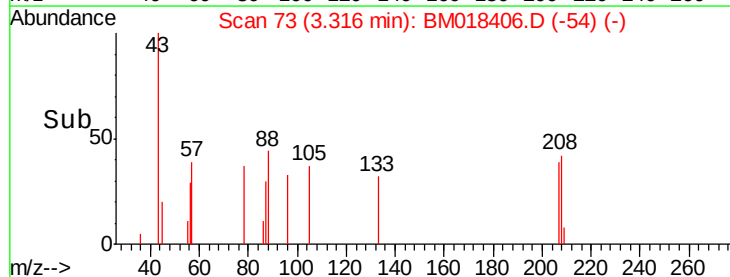
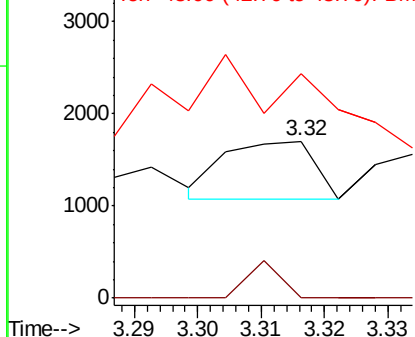
#2

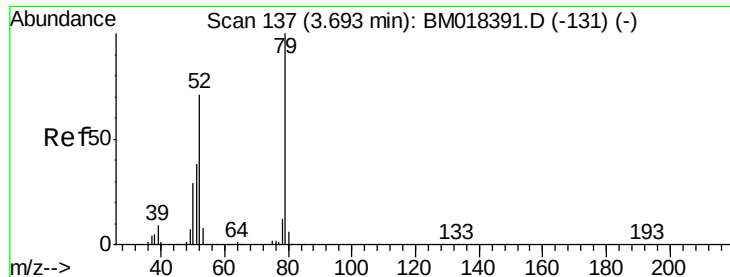
1,4-Dioxane
Concen: 0.092 ng
RT: 3.32 min Scan# 73
Delta R.T. 0.01 min
Lab File: BM018406.D
Acq: 27 Dec 2018 21:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	23.2	58.4	87.6#
43	593.4	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: 0.013 ng

RT: 3.67 min Scan# 133

Delta R.T. -0.02 min

Lab File: BM018406.D

Acq: 27 Dec 2018 21:05

Instrument :

BNA_M

ClientSampleId :

PB116035BL

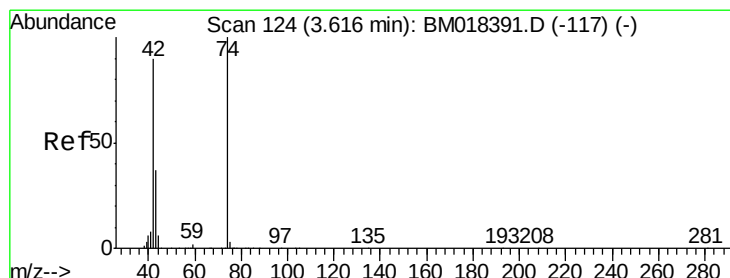
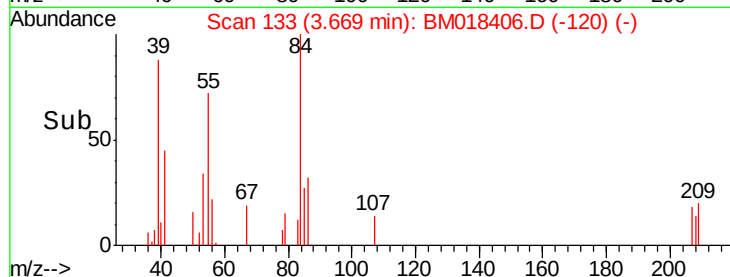
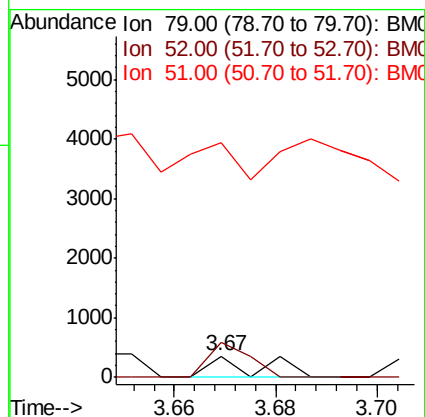
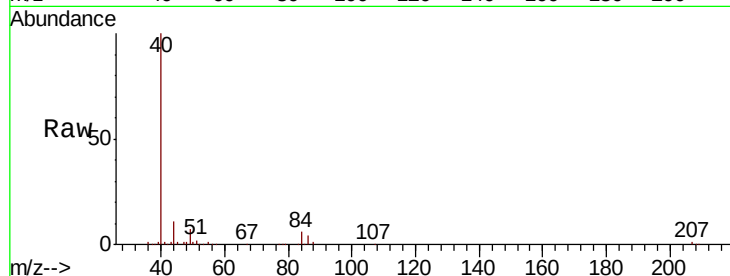
Tgt Ion: 79 Resp: 249

Ion Ratio Lower Upper

79 100

52 164.5 56.4 84.6#

51 1111.5 31.0 46.4#



#4

n-Nitrosodimethylamine

Concen: 0.049 ng

RT: 3.62 min Scan# 125

Delta R.T. 0.01 min

Lab File: BM018406.D

Acq: 27 Dec 2018 21:05

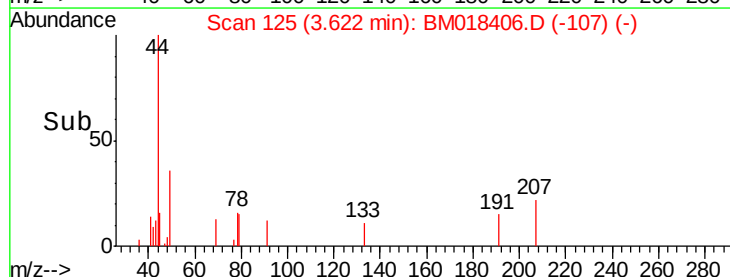
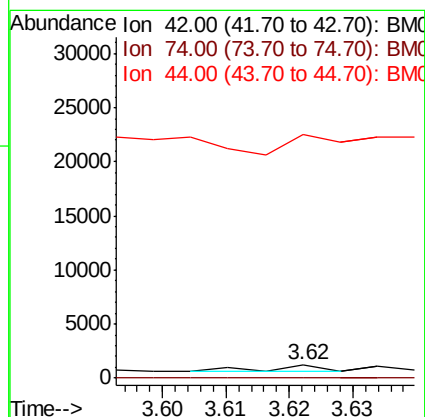
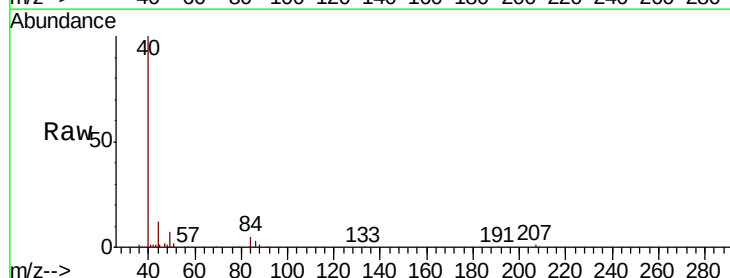
Tgt Ion: 42 Resp: 375

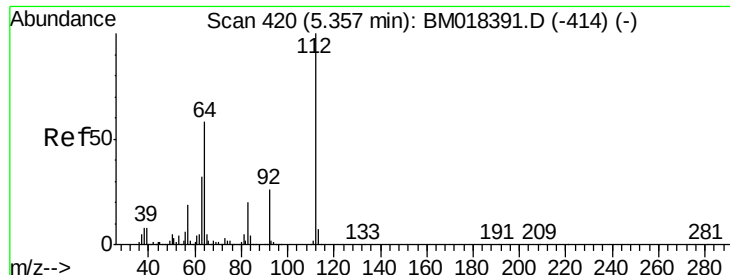
Ion Ratio Lower Upper

42 100

74 0.0 88.6 132.8#

44 1805.3 16.9 25.3#





#5

2-Fluorophenol

Concen: 12.767 ng

RT: 5.36 min Scan# 420

Delta R.T. 0.00 min

Lab File: BM018406.D

Acq: 27 Dec 2018 21:05

Instrument :

BNA_M

ClientSampleId :

PB116035BL

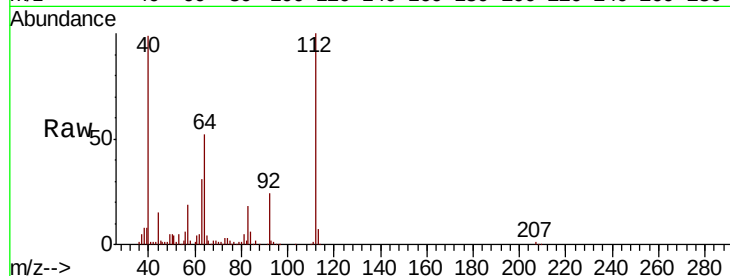
Tgt Ion: 112 Resp: 212659

Ion Ratio Lower Upper

112 100

64 52.4 46.5 69.7

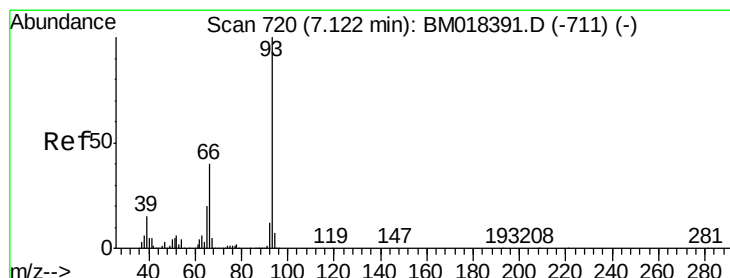
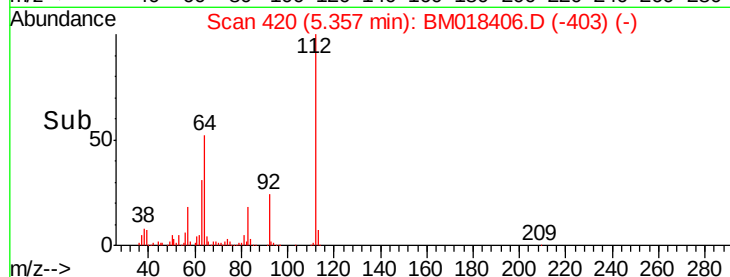
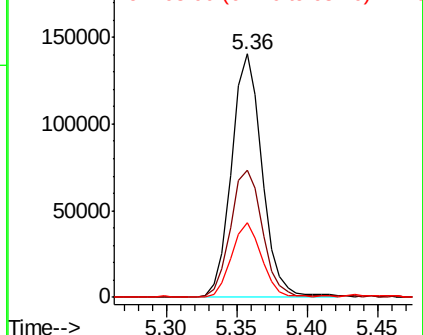
63 30.8 25.2 37.8



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



#6

Aniline

Concen: 0.005 ng

RT: 7.10 min Scan# 717

Delta R.T. -0.02 min

Lab File: BM018406.D

Acq: 27 Dec 2018 21:05

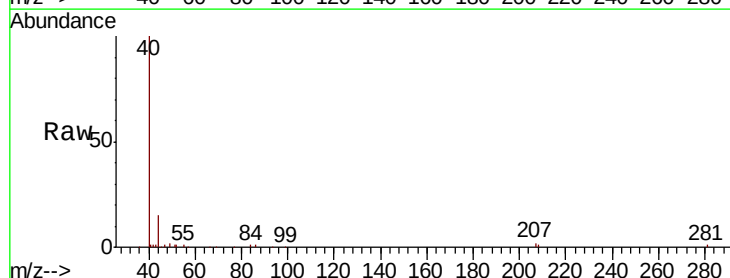
Tgt Ion: 93 Resp: 157

Ion Ratio Lower Upper

93 100

66 77.5 31.7 47.5#

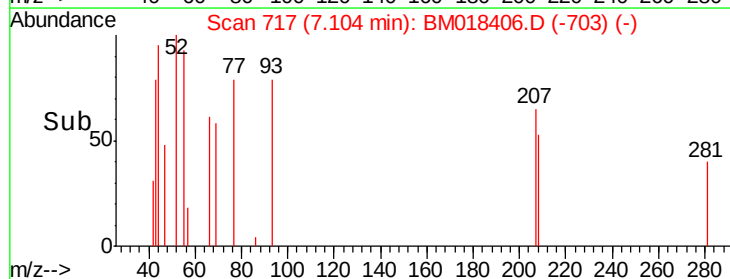
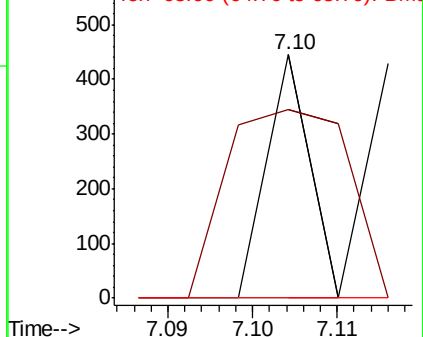
65 0.0 15.9 23.9#

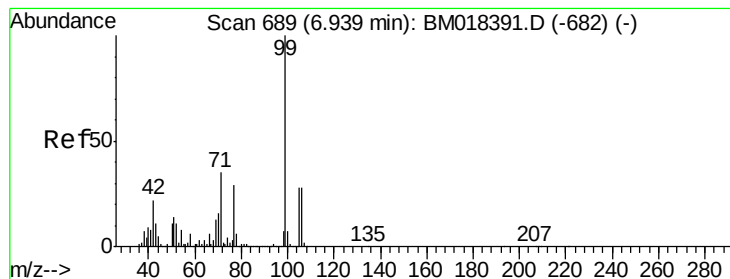


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 9.082 ng

RT: 6.93 min Scan# 688

Delta R.T. -0.01 min

Lab File: BM018406.D

Acq: 27 Dec 2018 21:05

Instrument :

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ClientSampleId :

PB116035BL

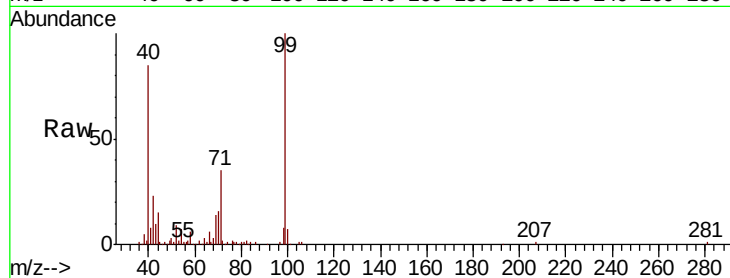
Tgt Ion: 99 Resp: 210050

Ion Ratio Lower Upper

99 100

42 22.9 17.3 25.9

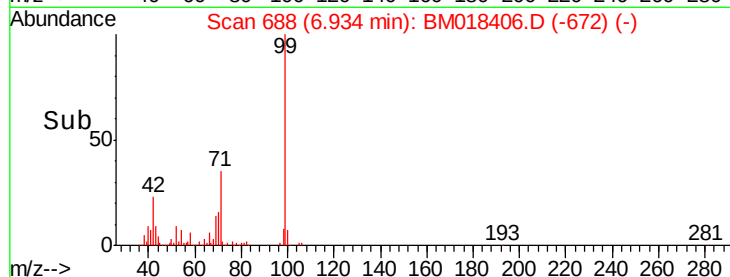
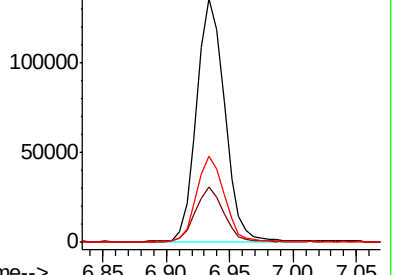
71 35.2 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018391.D (-682) (-)

Ion 42.00 (41.70 to 42.70): BM018391.D (-682) (-)

Ion 71.00 (70.70 to 71.70): BM018391.D (-682) (-)



#9

Benzaldehyde

Concen: 0.242 ng

RT: 6.92 min Scan# 685

Delta R.T. -0.02 min

Lab File: BM018406.D

Acq: 27 Dec 2018 21:05

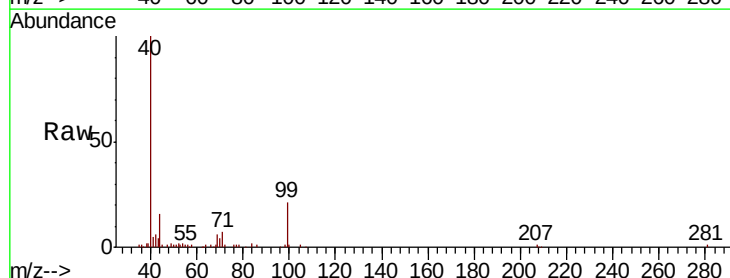
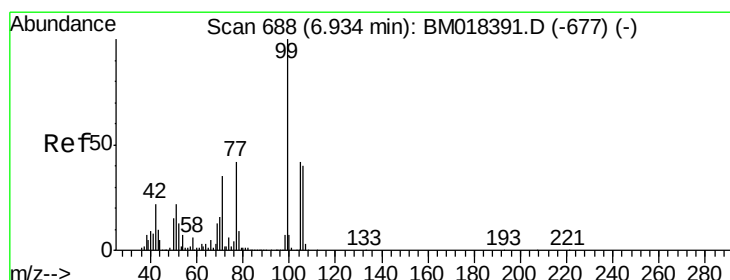
Tgt Ion: 77 Resp: 3925

Ion Ratio Lower Upper

77 100

105 88.5 79.7 119.7

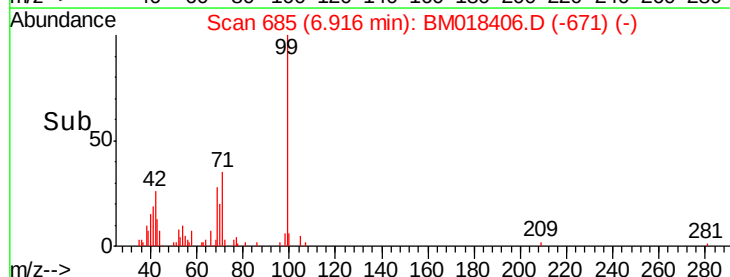
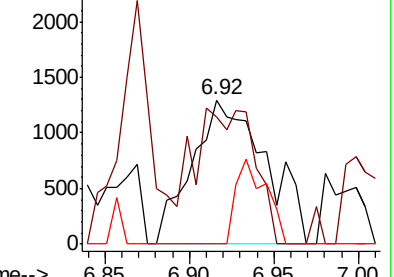
106 0.0 75.2 115.2#

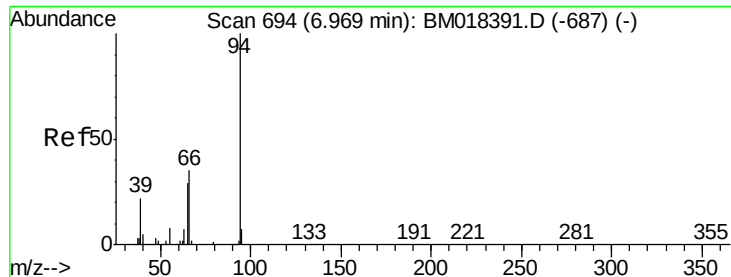


Abundance Ion 77.00 (76.70 to 77.70): BM018391.D (-677) (-)

Ion 105.00 (104.70 to 105.70): BM018391.D (-677) (-)

Ion 106.00 (105.70 to 106.70): BM018391.D (-677) (-)





#10

Phenol

Concen: 0.043 ng

RT: 6.95 min Scan# 691

Delta R.T. -0.02 min

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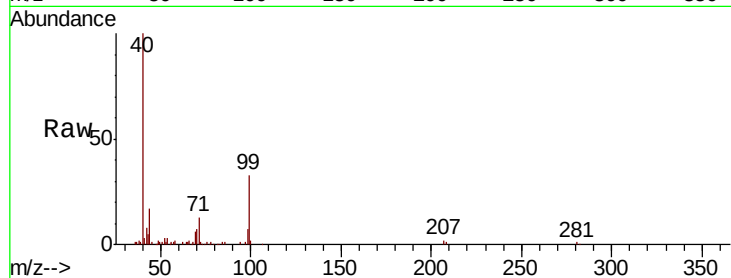
Tgt Ion: 94 Resp: 1031

Ion Ratio Lower Upper

94 100

65 100.0 9.4 49.4#

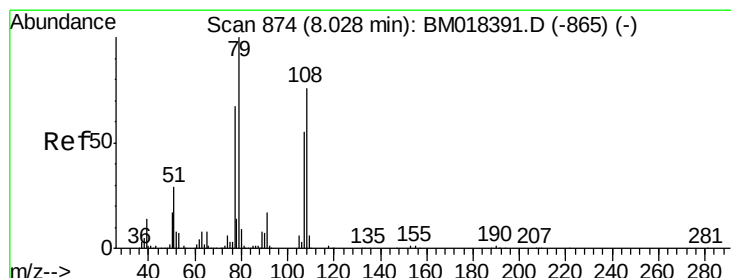
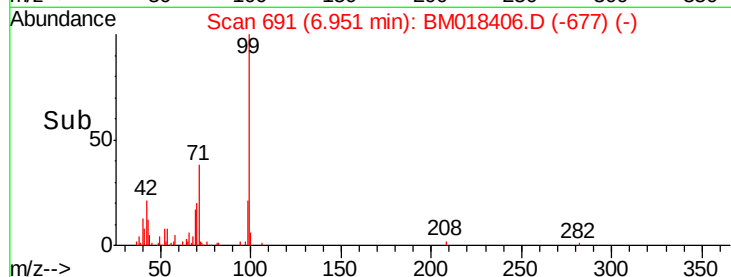
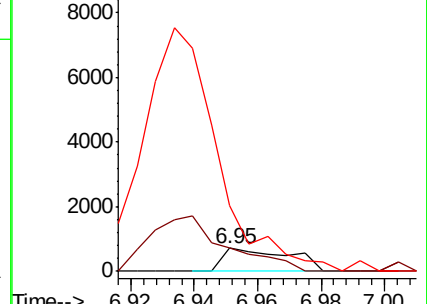
66 282.6 19.1 59.1#



Abundance Ion 94.00 (93.70 to 94.70): BM018391.D (-687) (-)

Ion 65.00 (64.70 to 65.70): BM018391.D (-687) (-)

Ion 66.00 (65.70 to 66.70): BM018391.D (-687) (-)



#15

Benzyl Alcohol

Concen: 0.047 ng

RT: 8.03 min Scan# 874

Delta R.T. 0.00 min

Lab File: BM018406.D

Acq: 27 Dec 2018 21:05

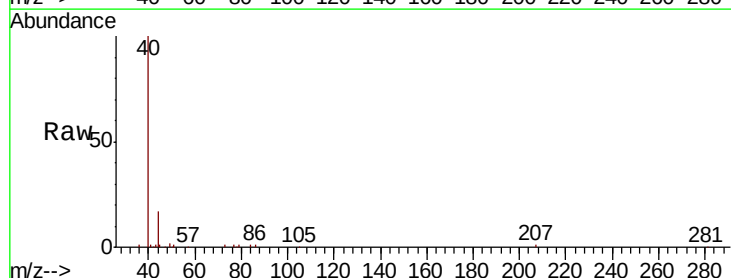
Tgt Ion: 79 Resp: 836

Ion Ratio Lower Upper

79 100

108 0.0 60.4 90.6#

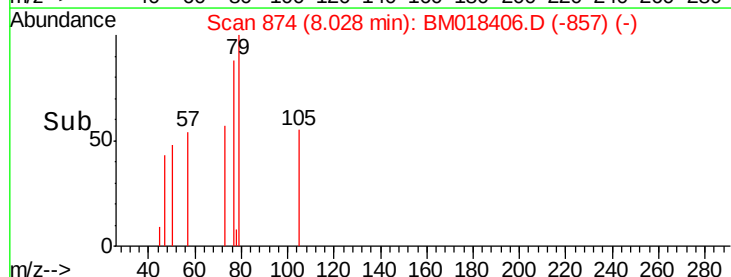
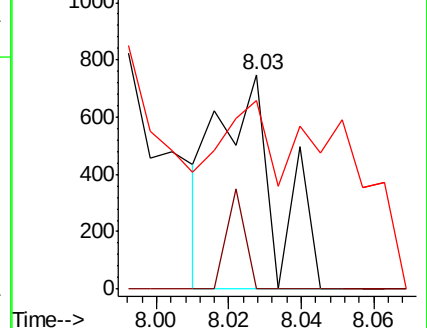
77 87.7 53.4 80.2#

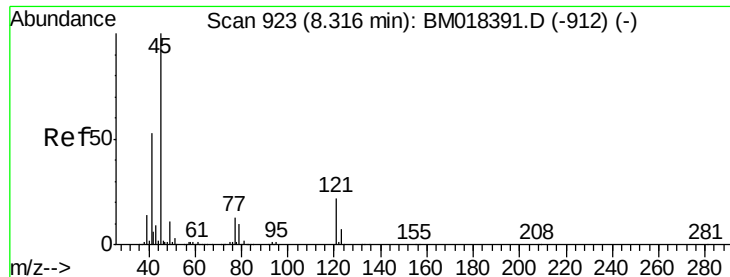


Abundance Ion 79.00 (78.70 to 79.70): BM018391.D (-865) (-)

Ion 108.00 (107.70 to 108.70): BM018391.D (-865) (-)

Ion 77.00 (76.70 to 77.70): BM018391.D (-865) (-)

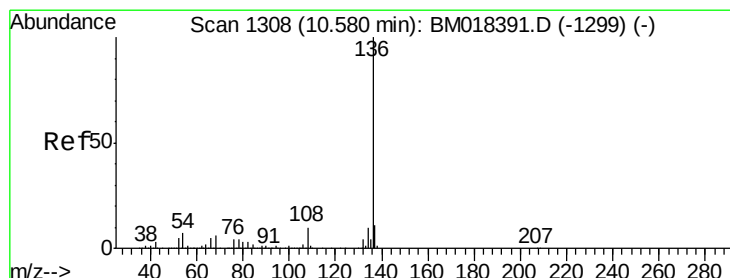
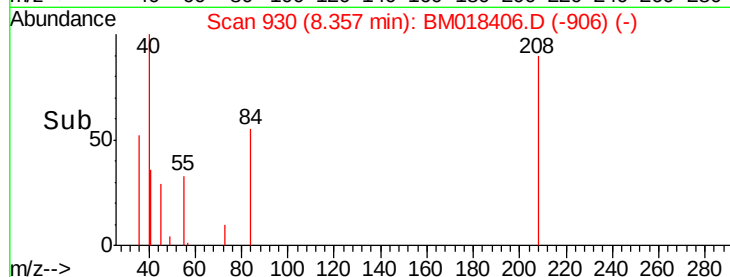
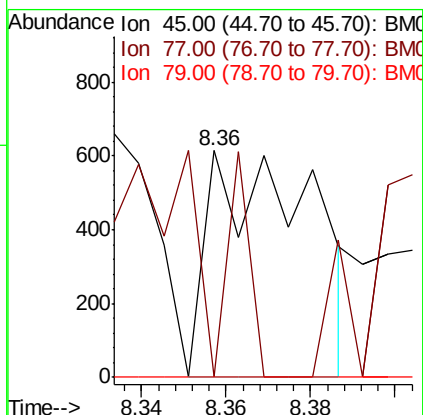
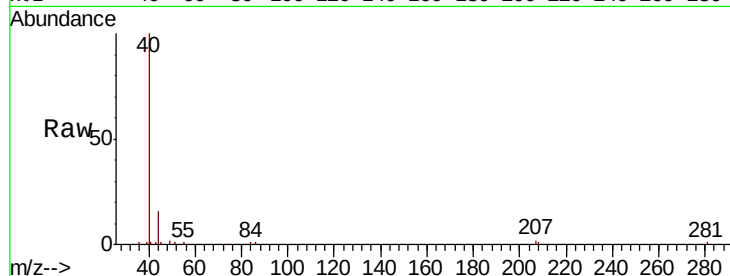




#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 0.035 ng
 RT: 8.36 min Scan# 930
 Delta R.T. 0.04 min
 Lab File: BM018406.D
 Acq: 27 Dec 2018 21:05

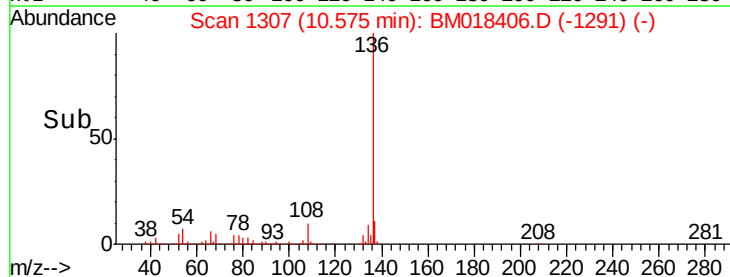
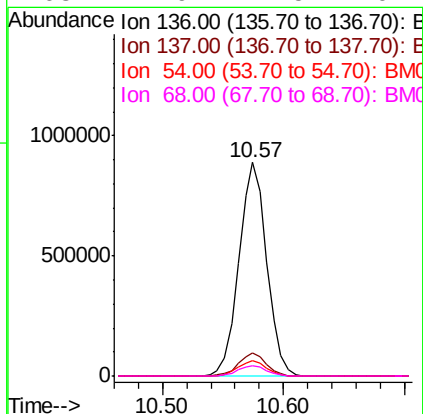
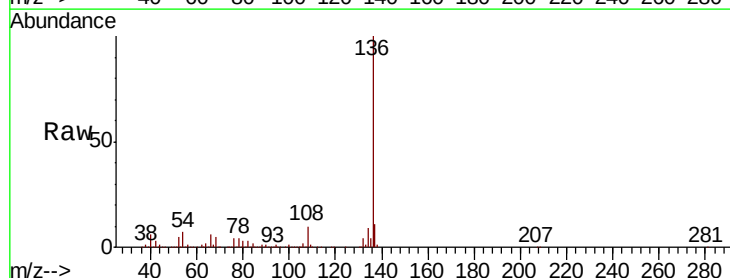
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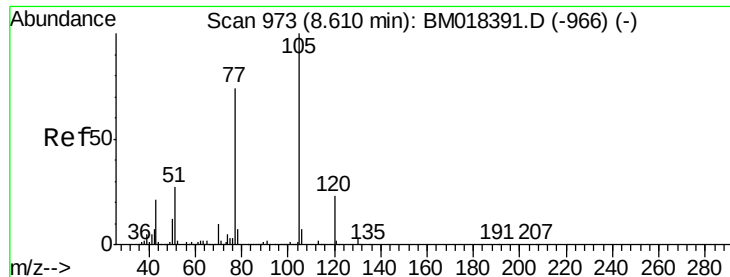
Tgt Ion: 45 Resp: 1031
 Ion Ratio Lower Upper
 45 100
 77 0.0 0.0 33.4
 79 0.0 0.0 31.1



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.57 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BM018406.D
 Acq: 27 Dec 2018 21:05

Tgt Ion: 136 Resp: 1418356
 Ion Ratio Lower Upper
 136 100
 137 10.5 8.5 12.7
 54 7.2 6.0 9.0
 68 4.9 4.5 6.7





#22

Acetophenone

Concen: 0.023 ng

RT: 8.61 min Scan# 973

Delta R.T. 0.00 min

Lab File: BM018406.D

Acq: 27 Dec 2018 21:05

Instrument :

BNA_M

ClientSampleId :

PB116035BL

Tgt Ion: 105 Resp: 836

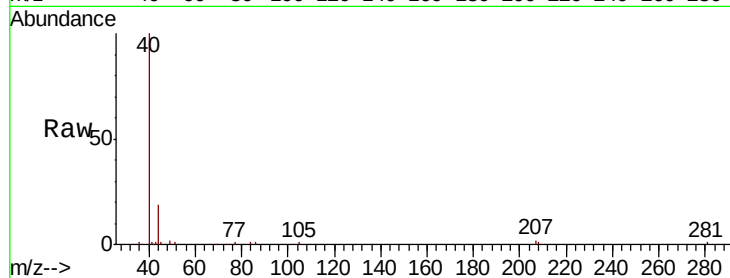
Ion Ratio Lower Upper

105 100

71 0.0 1.7 2.5#

51 64.4 22.6 34.0#

120 0.0 18.3 27.5#

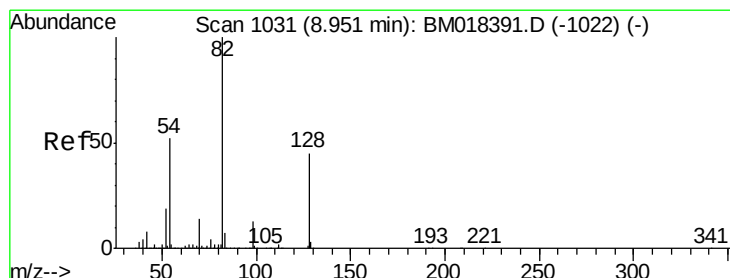
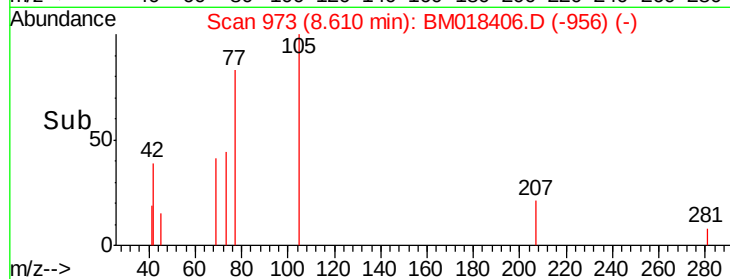
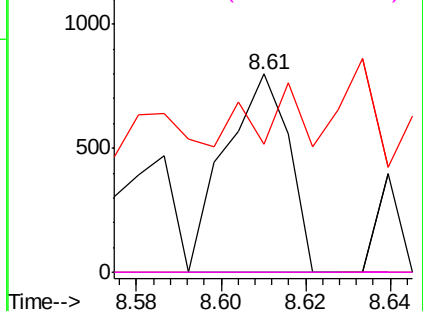


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 20.125 ng

RT: 8.95 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BM018406.D

Acq: 27 Dec 2018 21:05

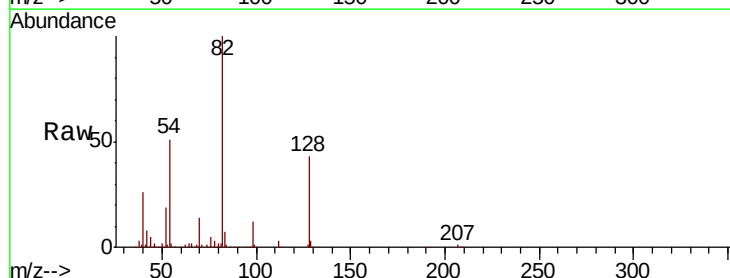
Tgt Ion: 82 Resp: 497348

Ion Ratio Lower Upper

82 100

128 43.1 36.3 54.5

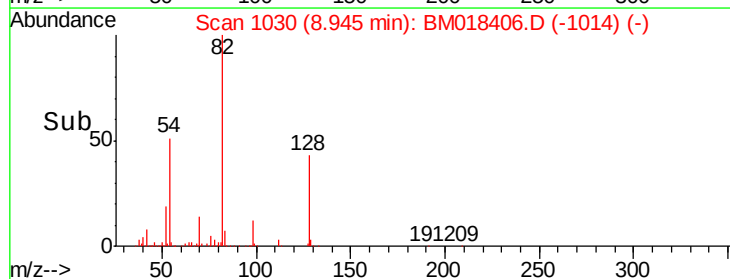
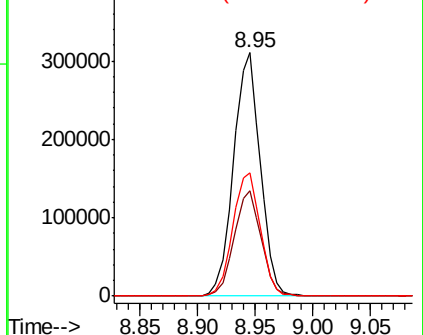
54 50.5 41.7 62.5

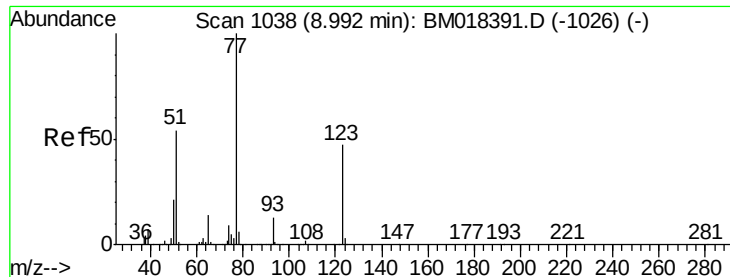


Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM0

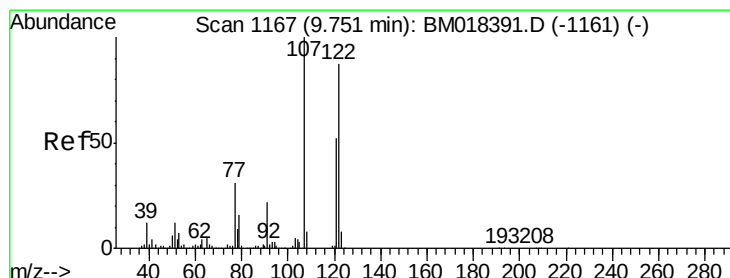
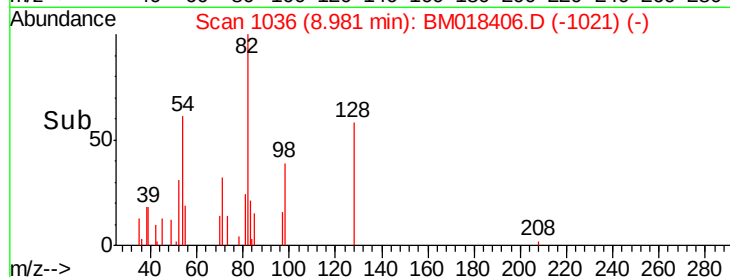
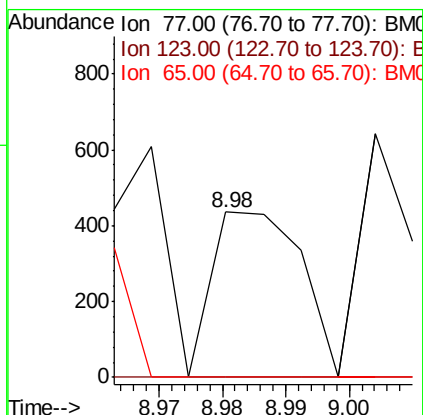
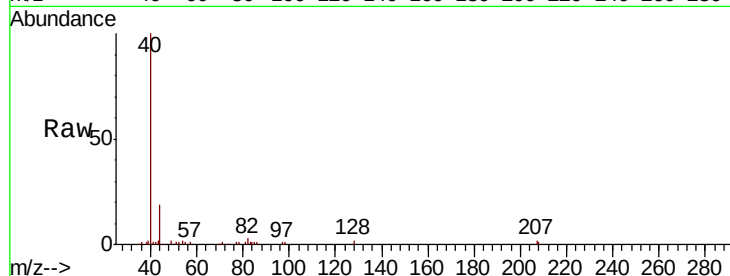




#24
Nitrobenzene
Concen: 0.017 ng
RT: 8.98 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BM018406.D
Acq: 27 Dec 2018 21:05

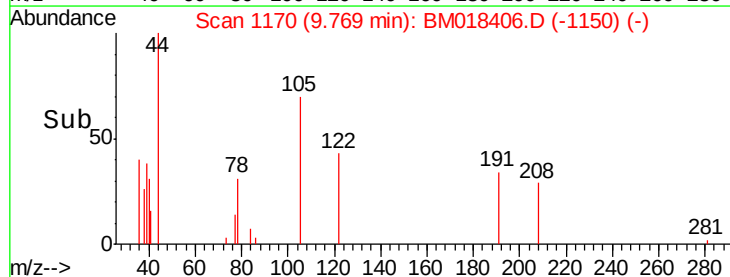
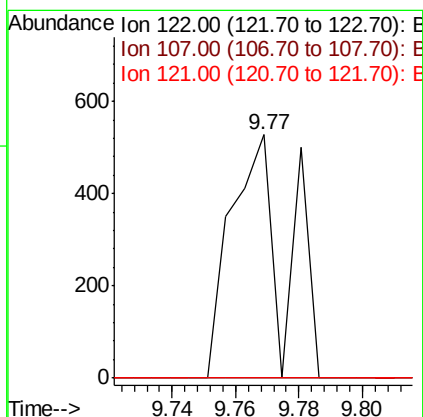
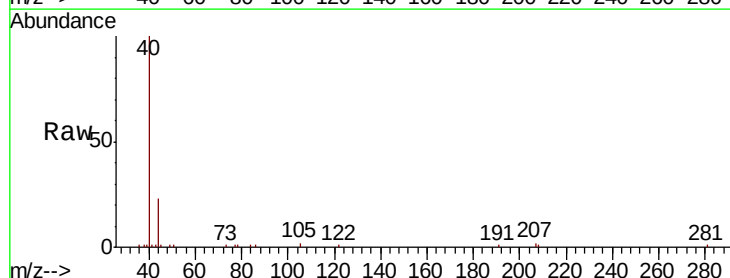
Instrument :
BNA_M
ClientSampled :
PB116035BL

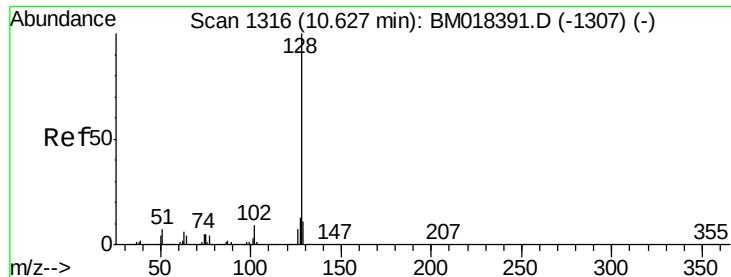
Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.7	56.5#
65	0.0	11.0	16.6#



#27
2,4-Dimethylphenol
Concen: 0.036 ng
RT: 9.77 min Scan# 1170
Delta R.T. 0.02 min
Lab File: BM018406.D
Acq: 27 Dec 2018 21:05

Tgt Ion	Ratio	Lower	Upper
122	100		
107	0.0	91.9	137.9#
121	0.0	47.5	71.3#





#31

Naphthalene

Concen: 0.027 ng

RT: 10.62 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BM018406.D

Acq: 27 Dec 2018 21:05

Instrument :

BNA_M

ClientSampleId :

PB116035BL

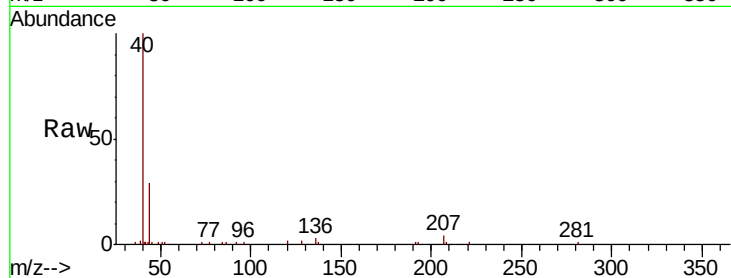
Tgt Ion:128 Resp: 1814

Ion Ratio Lower Upper

128 100

129 0.0 8.7 13.1#

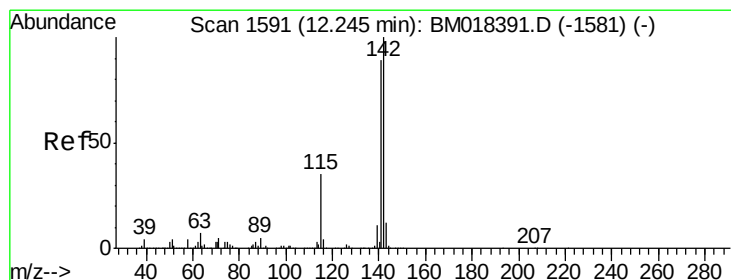
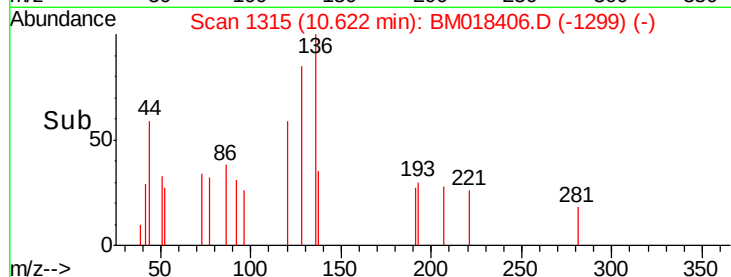
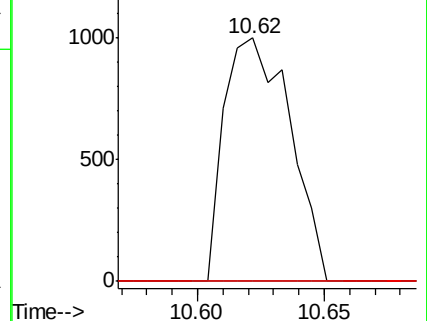
127 0.0 10.8 16.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 0.002 ng

RT: 12.25 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BM018406.D

Acq: 27 Dec 2018 21:05

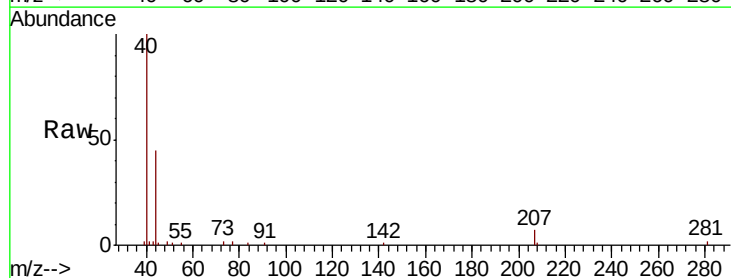
Tgt Ion:142 Resp: 110

Ion Ratio Lower Upper

142 100

141 0.0 71.4 107.2#

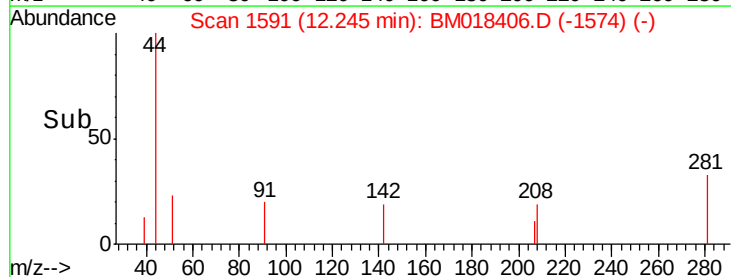
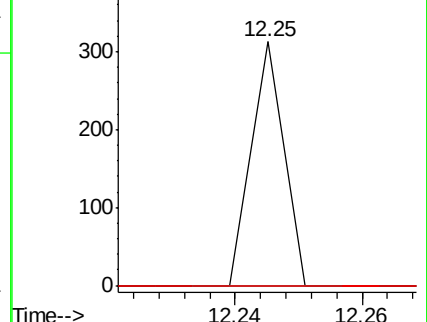
115 0.0 28.0 42.0#

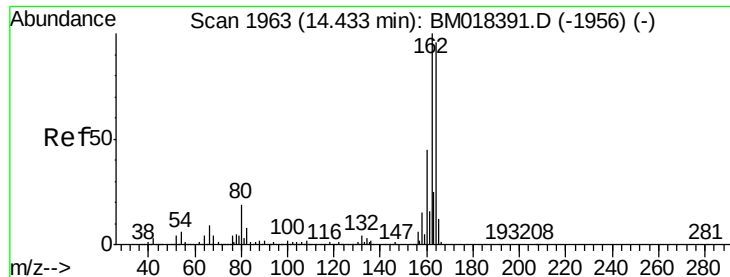


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.43 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BM018406.D

Acq: 27 Dec 2018 21:05

Instrument :

BNA_M

ClientSampleId :

PB116035BL

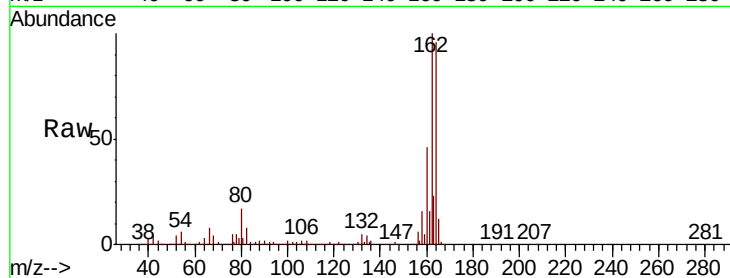
Tgt Ion:164 Resp: 875200

Ion Ratio Lower Upper

164 100

162 104.7 83.0 124.4

160 47.8 37.1 55.7

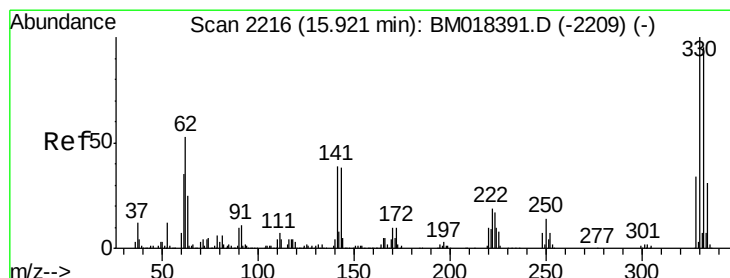
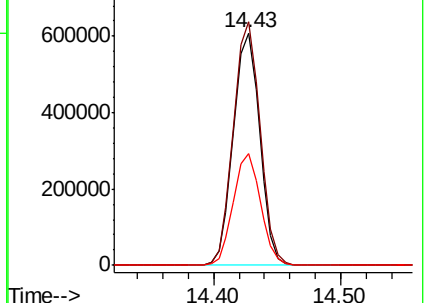
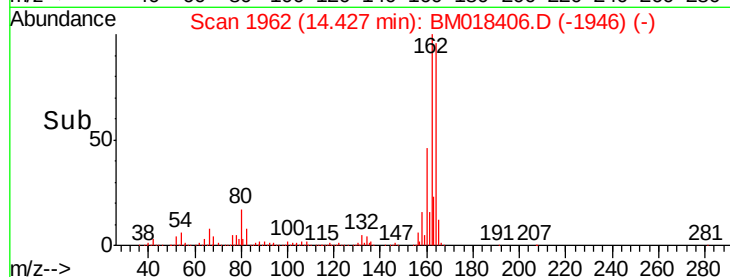


Abundance

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: 29.278 ng

RT: 15.92 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BM018406.D

Acq: 27 Dec 2018 21:05

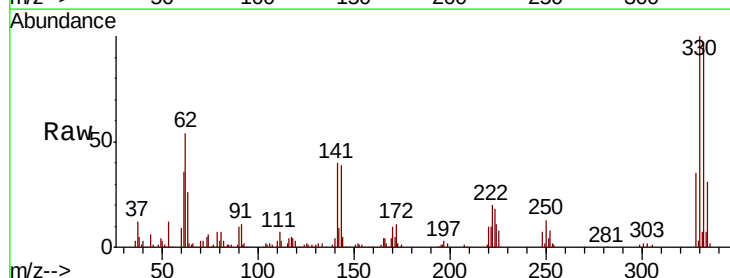
Tgt Ion:330 Resp: 325577

Ion Ratio Lower Upper

330 100

332 97.4 77.6 116.4

141 40.5 31.7 47.5

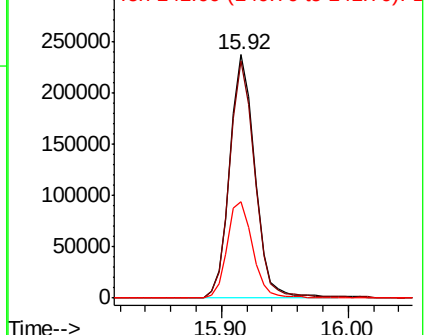
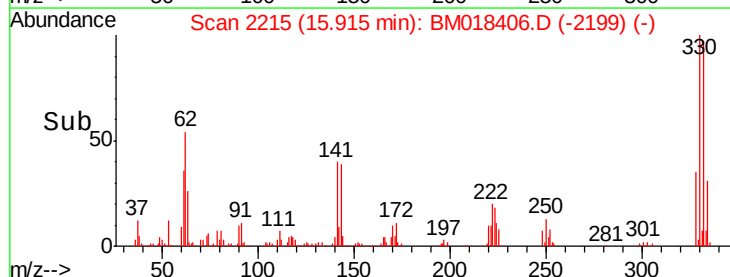


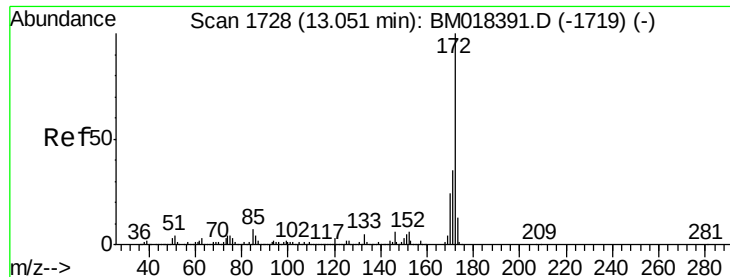
Abundance

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

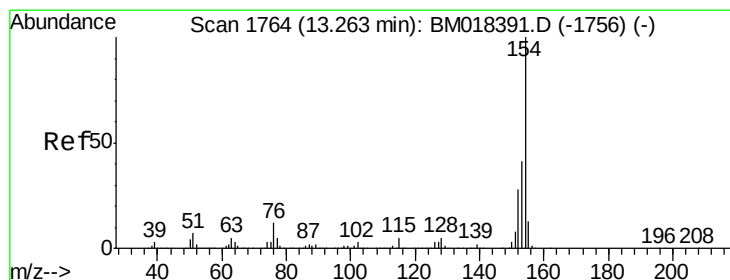
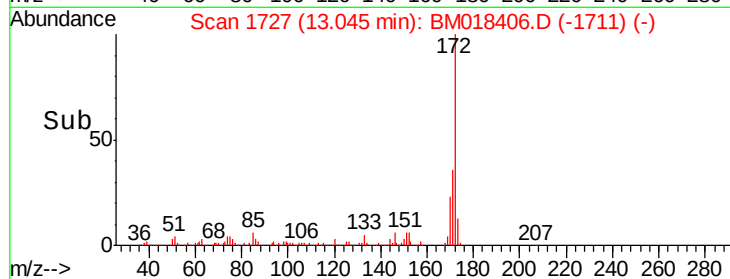
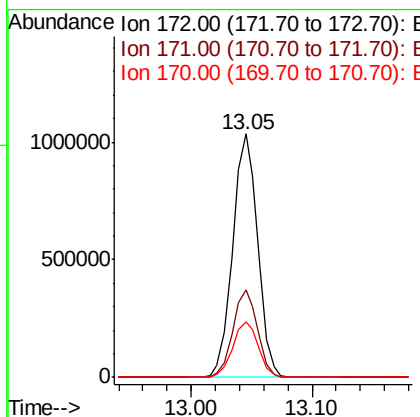
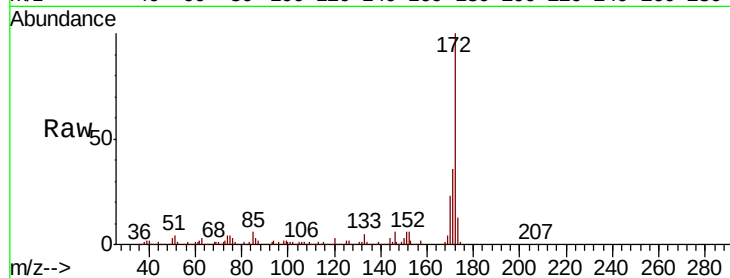




#45
2-Fluorobiphenyl
Concen: 23.039 ng
RT: 13.05 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BM018406.D
Acq: 27 Dec 2018 21:05

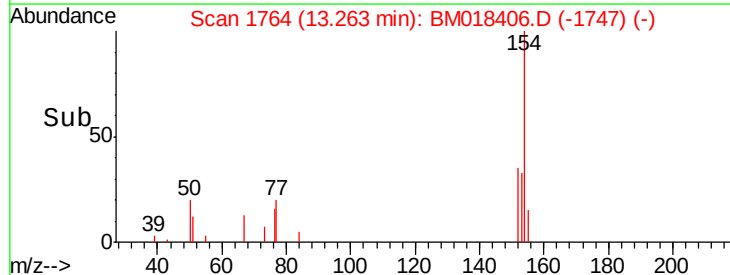
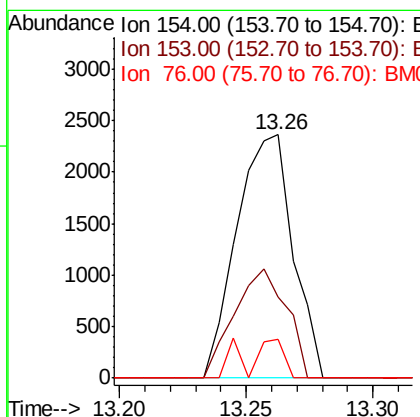
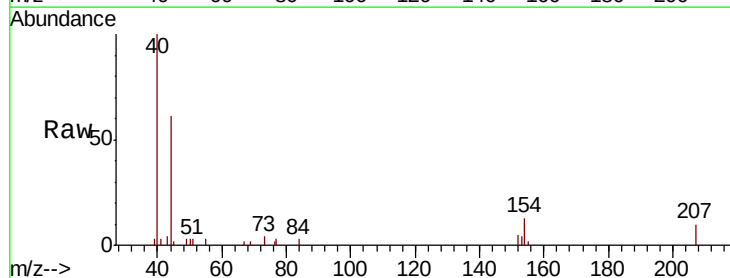
Instrument :
BNA_M
ClientSampleId :
PB116035BL

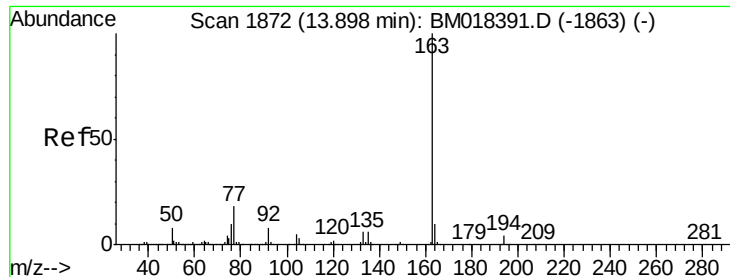
Tgt Ion:172 Resp: 1488792
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.4
170 22.8 18.9 28.3



#46
1,1'-Biphenyl
Concen: 0.049 ng
RT: 13.26 min Scan# 1764
Delta R.T. 0.00 min
Lab File: BM018406.D
Acq: 27 Dec 2018 21:05

Tgt Ion:154 Resp: 3663
Ion Ratio Lower Upper
154 100
153 33.1 20.5 60.5
76 16.2 0.0 31.9





#50

Dimethylphthalate

Concen: 0.003 ng

RT: 13.89 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BM018406.D

Acq: 27 Dec 2018 21:05

Instrument :

BNA_M

ClientSampleId :

PB116035BL

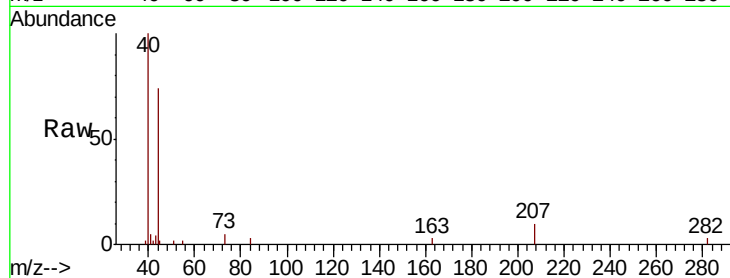
Tgt Ion:163 Resp: 245

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.6#

164 0.0 7.8 11.8#

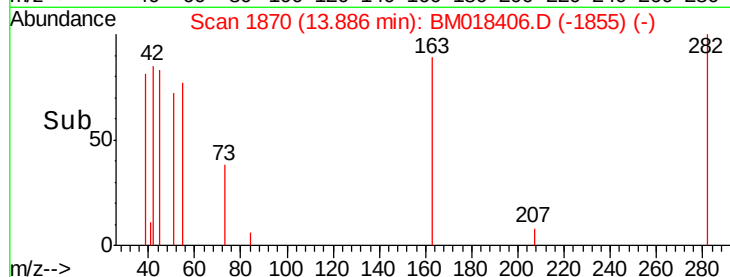


Abundance Ion 163.00 (162.70 to 163.70): E

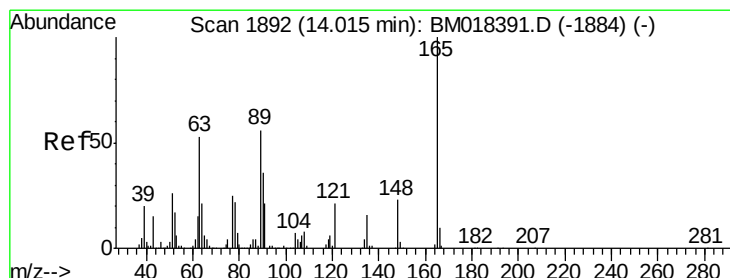
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

Time--> 13.86 13.88 13.90



Time--> 13.86 13.88 13.90



#51

2,6-Dinitrotoluene

Concen: 0.016 ng

RT: 13.95 min Scan# 1881

Delta R.T. -0.06 min

Lab File: BM018406.D

Acq: 27 Dec 2018 21:05

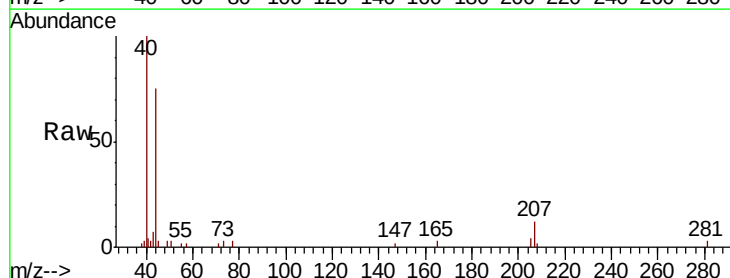
Tgt Ion:165 Resp: 252

Ion Ratio Lower Upper

165 100

63 0.0 45.6 68.4#

89 0.0 44.6 66.8#

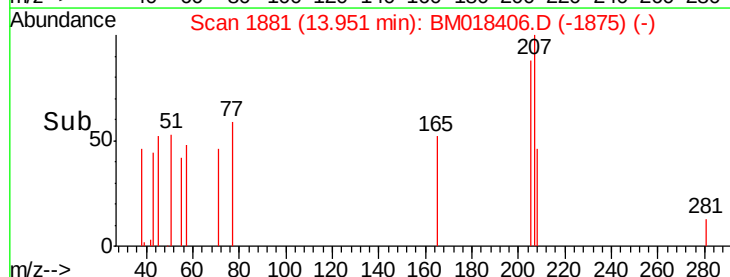


Abundance Ion 165.00 (164.70 to 165.70): E

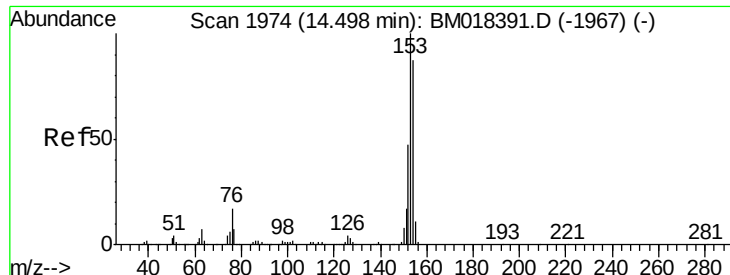
Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0

Time--> 13.92 13.94 13.96



Time--> 13.92 13.94 13.96



#52

Acenaphthene

Concen: 0.059 ng

RT: 14.43 min Scan# 1962

Delta R.T. -0.07 min

Lab File: BM018406.D

Acq: 27 Dec 2018 21:05

Instrument :

BNA_M

ClientSampleId :

PB116035BL

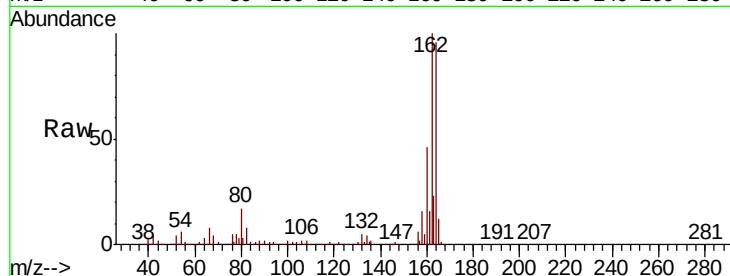
Tgt Ion:154 Resp: 3148

Ion Ratio Lower Upper

154 100

153 0.0 92.3 138.5#

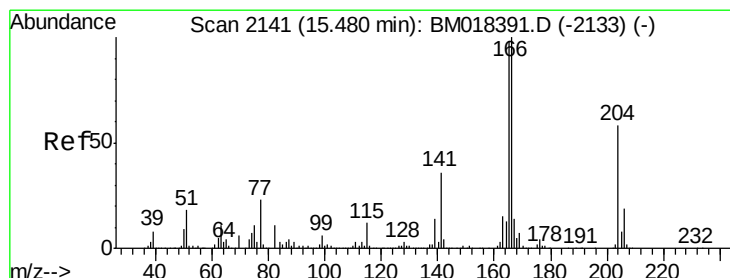
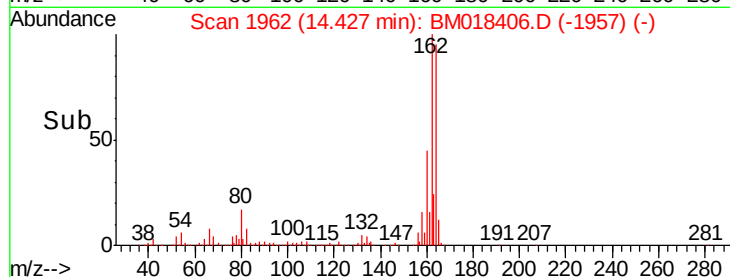
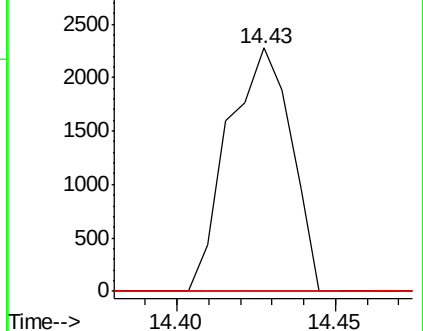
152 0.0 43.8 65.6#



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: 0.031 ng

RT: 15.49 min Scan# 2142

Delta R.T. 0.01 min

Lab File: BM018406.D

Acq: 27 Dec 2018 21:05

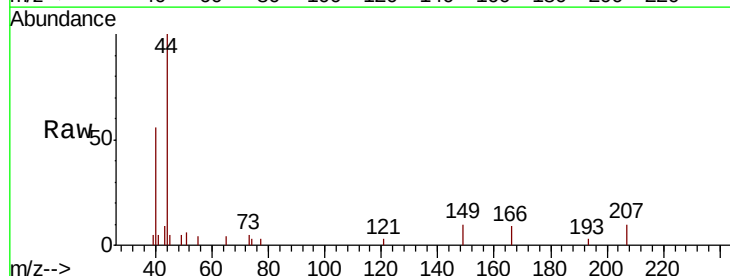
Tgt Ion:166 Resp: 2098

Ion Ratio Lower Upper

166 100

165 0.0 78.3 117.5#

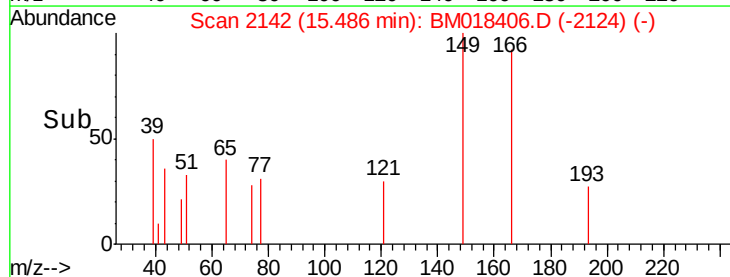
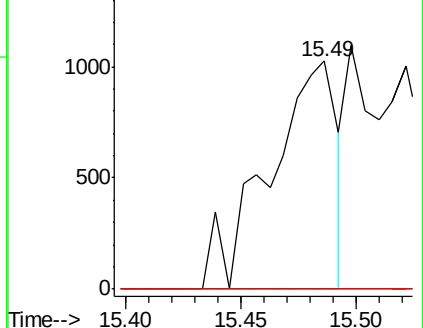
167 0.0 10.9 16.3#

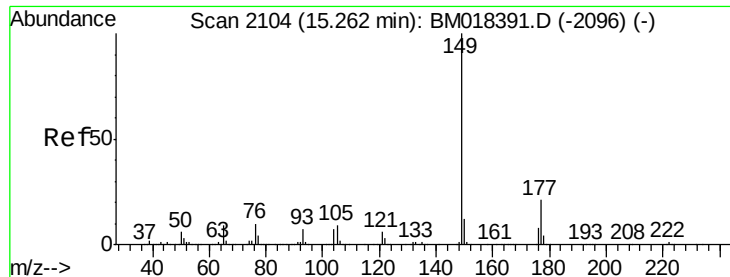


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

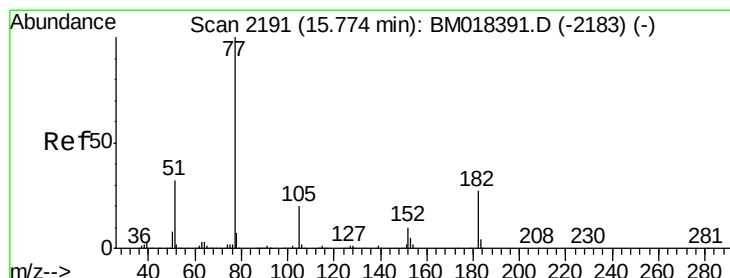
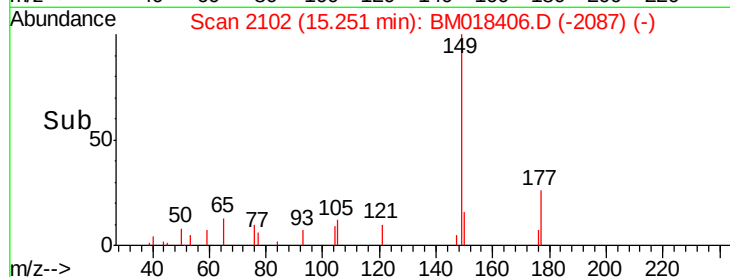
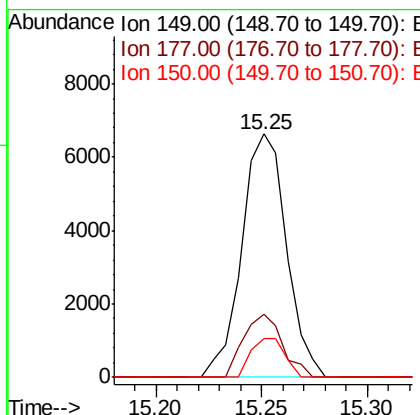
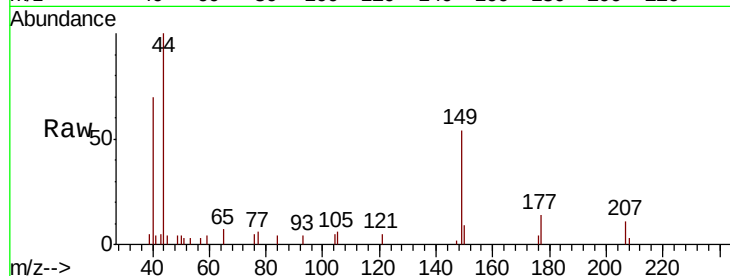




#60
Diethylphthalate
Concen: 0.127 ng
RT: 15.25 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM018406.D
Acq: 27 Dec 2018 21:05

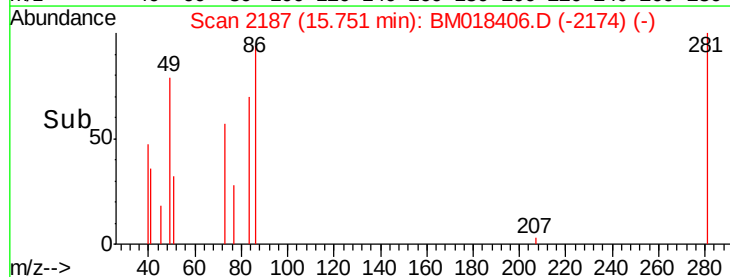
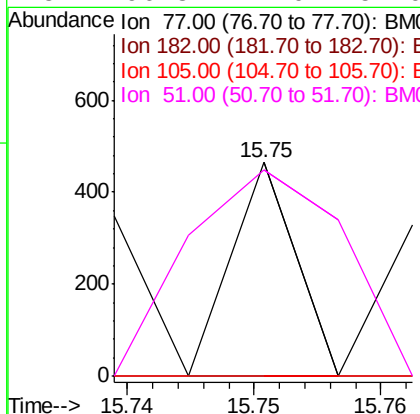
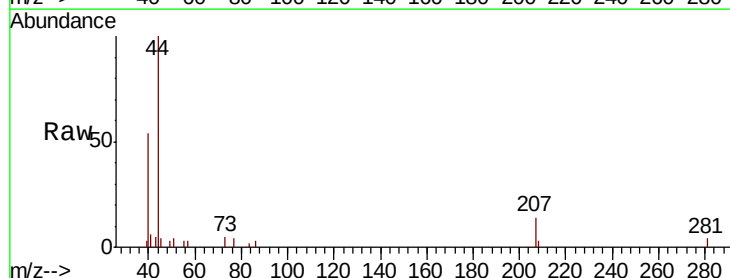
Instrument :
BNA_M
ClientSampleId :
PB116035BL

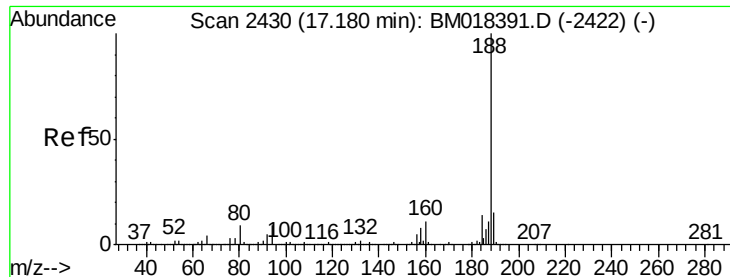
Tgt Ion: 149 Resp: 9732
Ion Ratio Lower Upper
149 100
177 26.0 17.1 25.7#
150 16.1 9.8 14.6#



#63
Azobenzene
Concen: 0.002 ng
RT: 15.75 min Scan# 2187
Delta R.T. -0.02 min
Lab File: BM018406.D
Acq: 27 Dec 2018 21:05

Tgt Ion: 77 Resp: 164
Ion Ratio Lower Upper
77 100
182 0.0 7.4 47.4#
105 0.0 0.0 39.6
51 96.8 12.0 52.0#

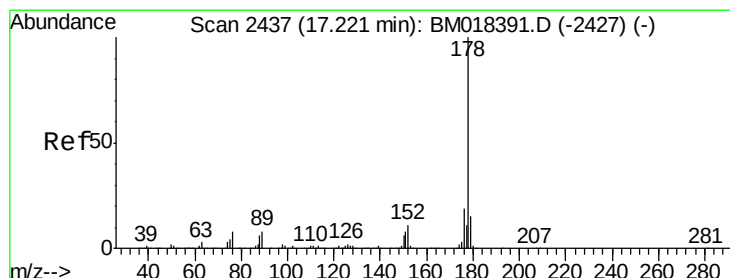
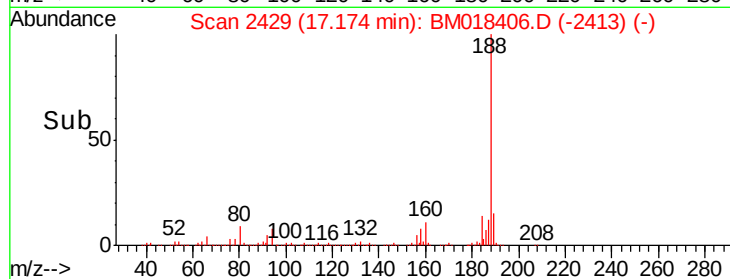
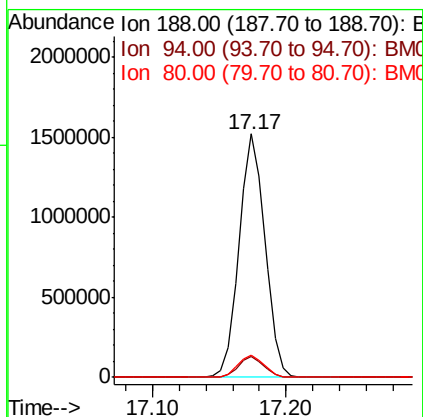
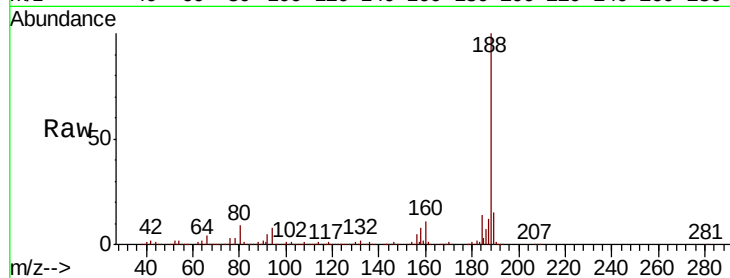




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.17 min Scan# 2429
 Delta R.T. -0.01 min
 Lab File: BM018406.D
 Acq: 27 Dec 2018 21:05

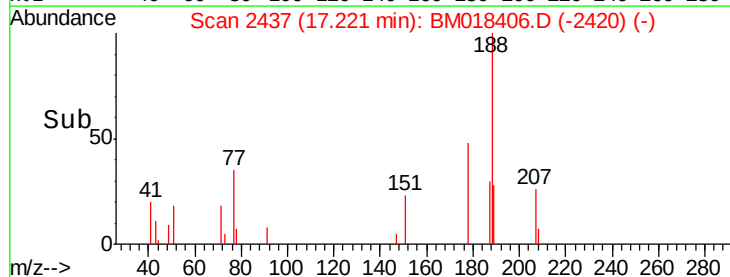
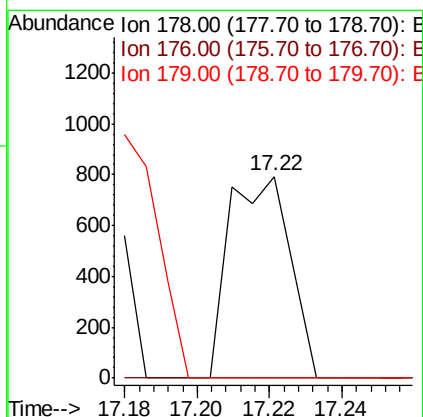
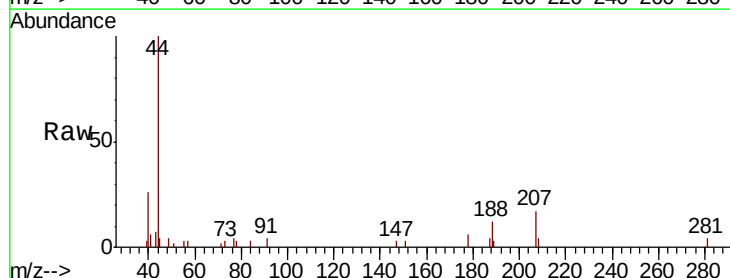
Instrument :
 BNA_M
 ClientSampleId :
 PB116035BL

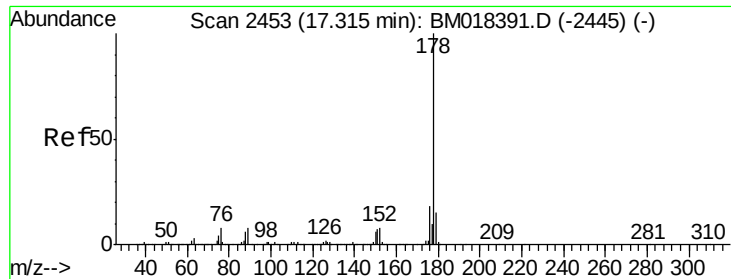
Tgt Ion:188 Resp: 2039036
 Ion Ratio Lower Upper
 188 100
 94 8.3 7.1 10.7
 80 9.1 7.6 11.4



#71
 Phenanthrene
 Concen: 0.009 ng
 RT: 17.22 min Scan# 2437
 Delta R.T. 0.00 min
 Lab File: BM018406.D
 Acq: 27 Dec 2018 21:05

Tgt Ion:178 Resp: 924
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.4 23.0#
 179 0.0 12.2 18.4#





#72

Anthracene

Concen: 0.001 ng

RT: 17.31 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BM018406.D

Acq: 27 Dec 2018 21:05

Instrument :

BNA_M

ClientSampleId :

PB116035BL

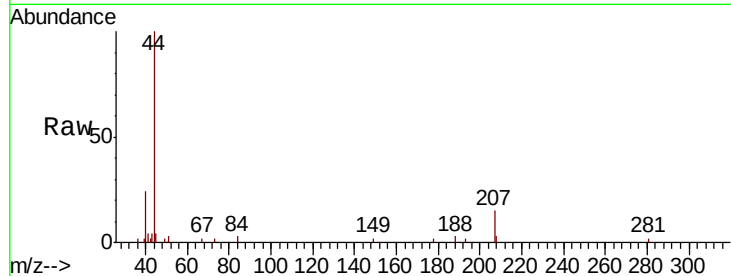
Tgt Ion:178 Resp: 135

Ion Ratio Lower Upper

178 100

176 0.0 14.7 22.1#

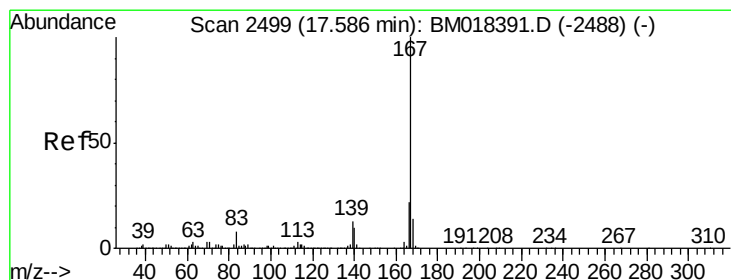
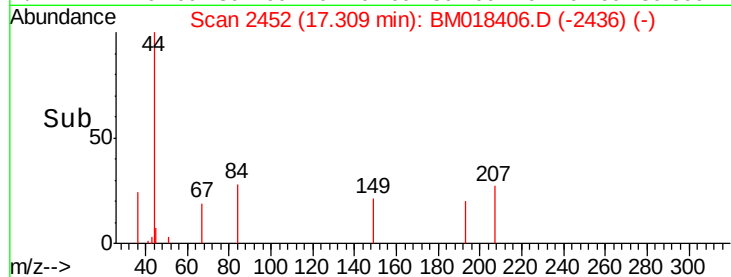
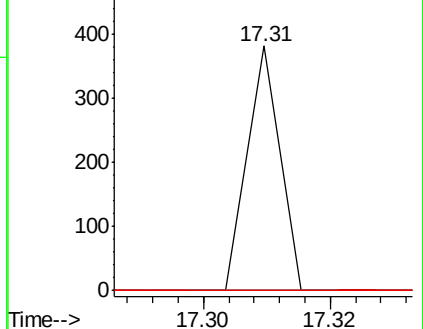
179 0.0 12.2 18.4#



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: 0.002 ng

RT: 17.58 min Scan# 2498

Delta R.T. -0.01 min

Lab File: BM018406.D

Acq: 27 Dec 2018 21:05

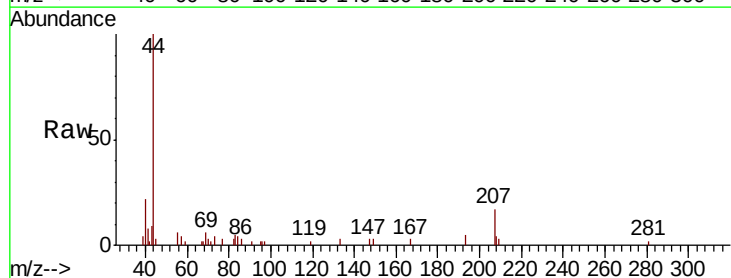
Tgt Ion:167 Resp: 265

Ion Ratio Lower Upper

167 100

166 0.0 17.4 26.2#

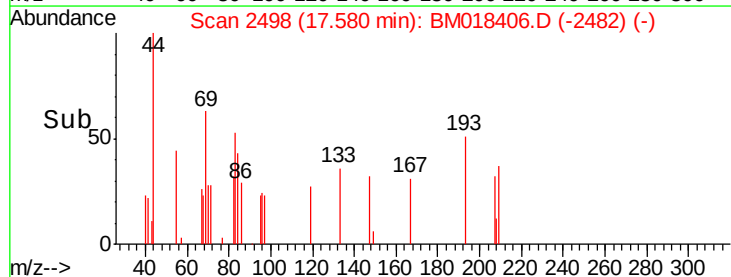
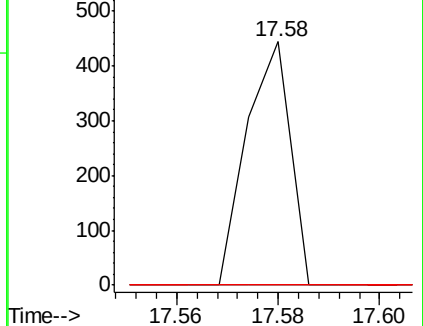
139 0.0 10.6 16.0#

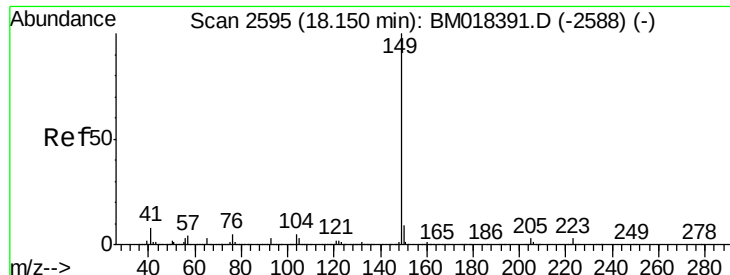


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

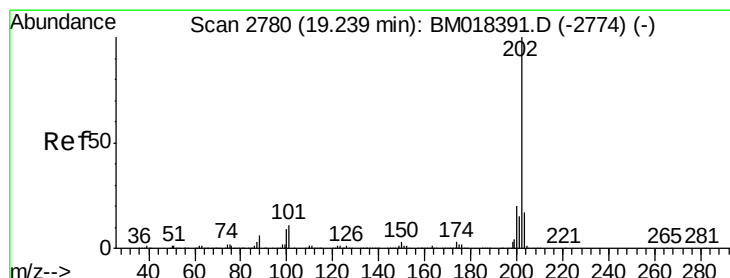
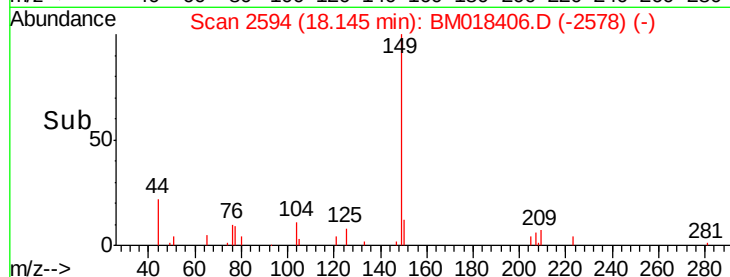
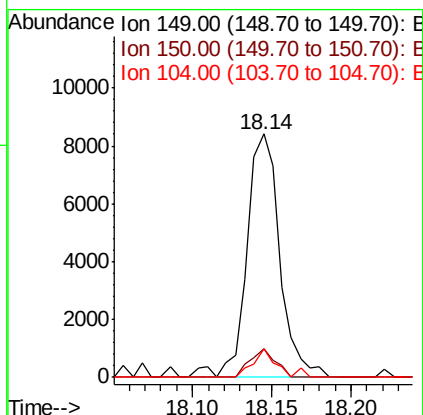
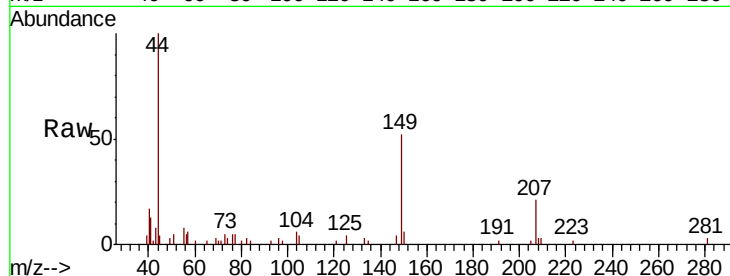




#74
Di-n-butylphthalate
Concen: 0.095 ng
RT: 18.14 min Scan# 2594
Delta R.T. -0.01 min
Lab File: BM018406.D
Acq: 27 Dec 2018 21:05

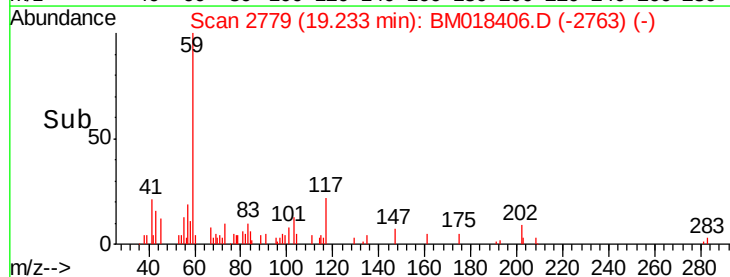
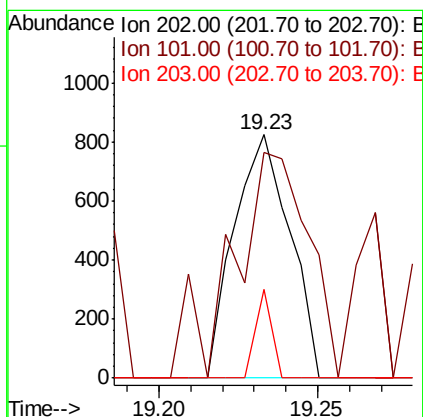
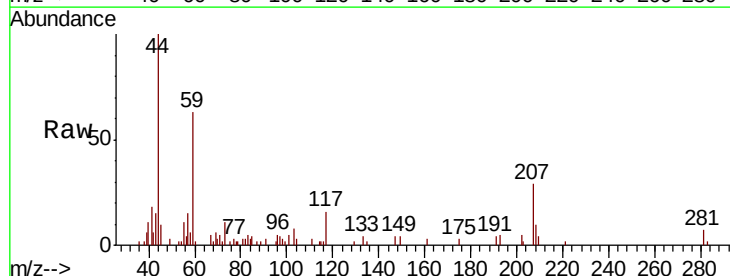
Instrument :
BNA_M
ClientSampleId :
PB116035BL

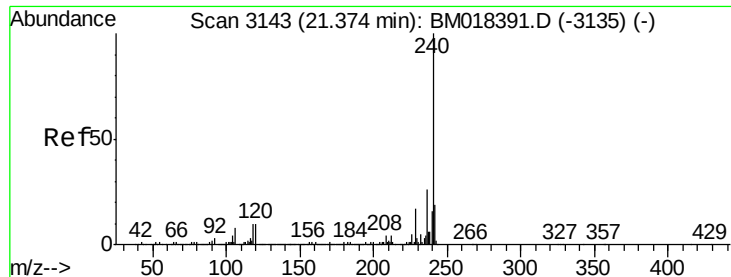
Tgt Ion:149 Resp: 12179
Ion Ratio Lower Upper
149 100
150 11.6 7.3 10.9#
104 11.5 4.2 6.4#



#75
Fluoranthene
Concen: 0.008 ng
RT: 19.23 min Scan# 2779
Delta R.T. -0.01 min
Lab File: BM018406.D
Acq: 27 Dec 2018 21:05

Tgt Ion:202 Resp: 1002
Ion Ratio Lower Upper
202 100
101 92.8 0.0 30.9#
203 36.5 0.0 37.4

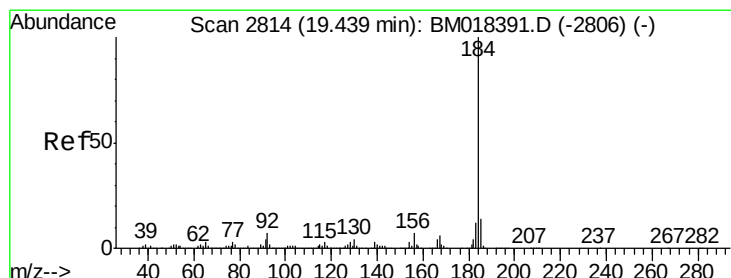
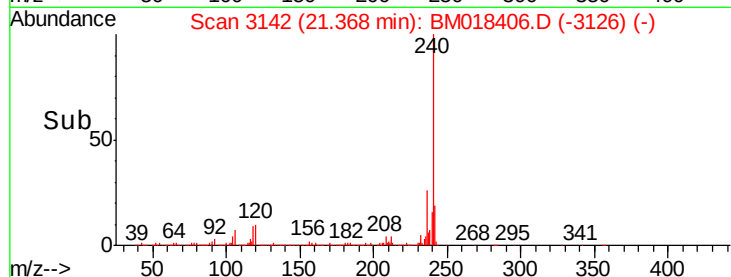
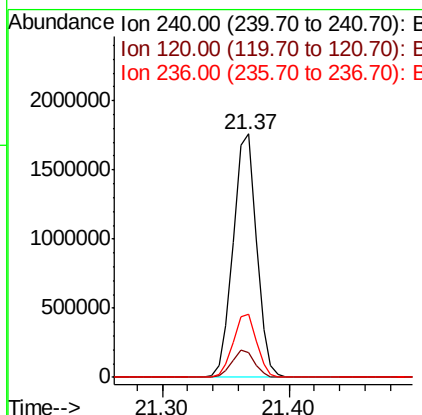
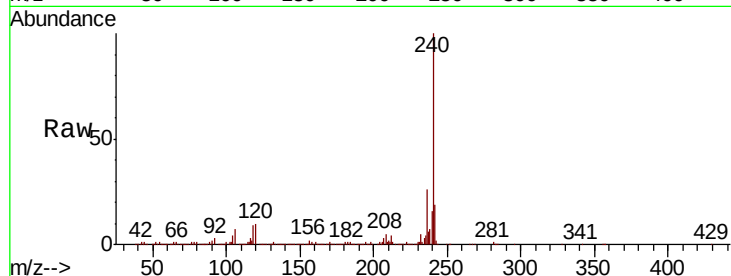




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.37 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BM018406.D
Acq: 27 Dec 2018 21:05

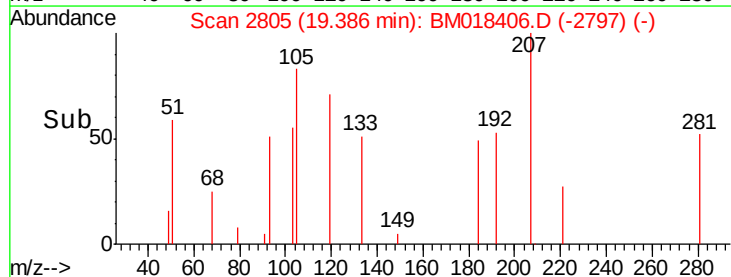
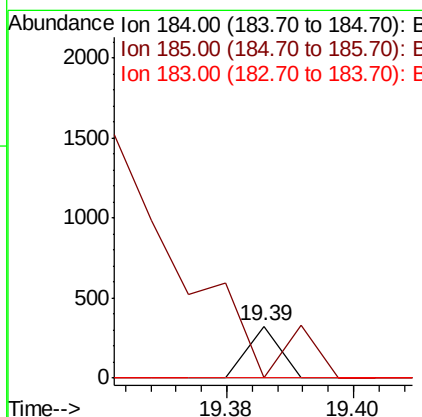
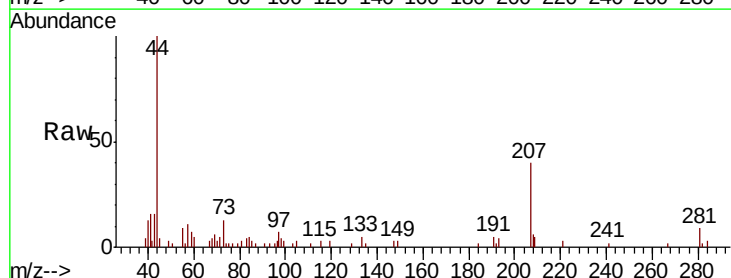
Instrument :
BNA_M
ClientSampleId :
PB116035BL

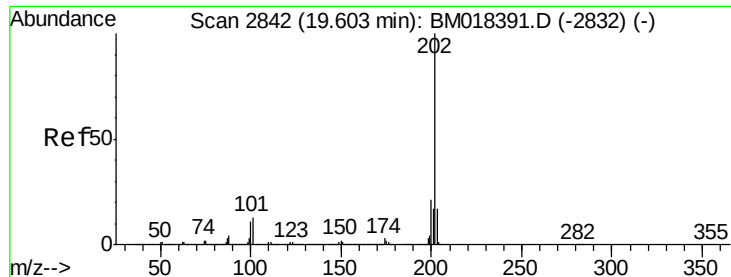
Tgt Ion:240 Resp: 2239550
Ion Ratio Lower Upper
240 100
120 10.1 8.4 12.6
236 26.2 20.7 31.1



#77
Benzidine
Concen: 0.002 ng
RT: 19.39 min Scan# 2805
Delta R.T. -0.05 min
Lab File: BM018406.D
Acq: 27 Dec 2018 21:05

Tgt Ion:184 Resp: 114
Ion Ratio Lower Upper
184 100
185 0.0 11.4 17.0#
183 0.0 9.5 14.3#

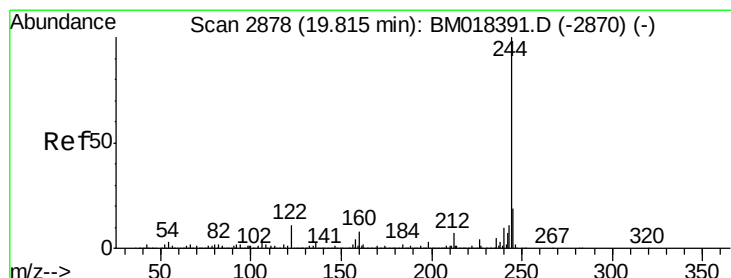
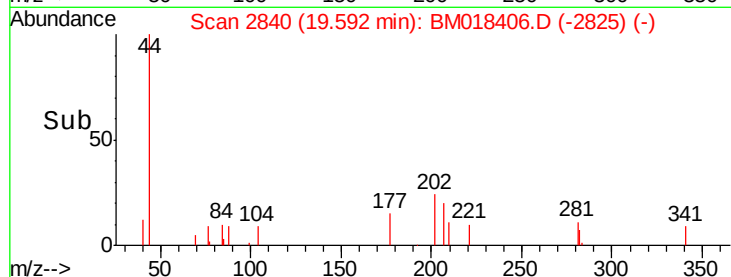
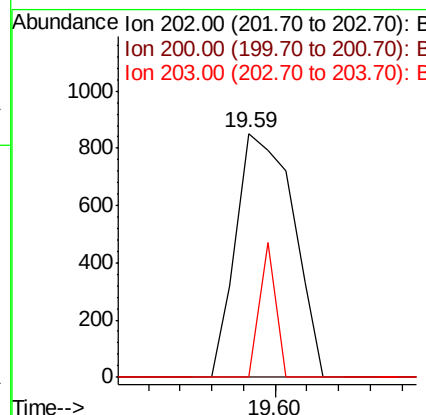
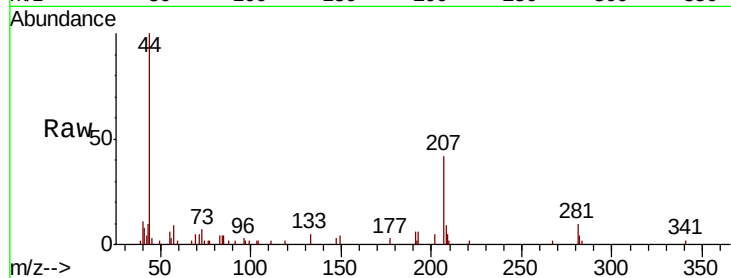




#78
 Pyrene
 Concen: 0.008 ng
 RT: 19.59 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BM018406.D
 Acq: 27 Dec 2018 21:05

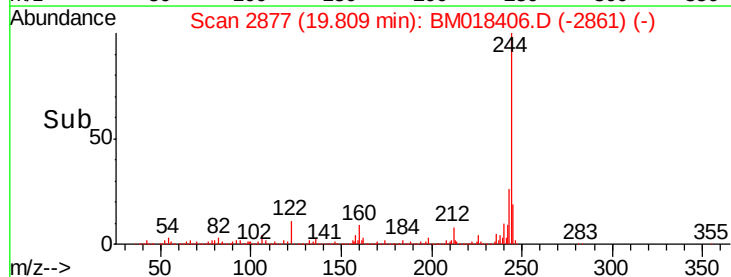
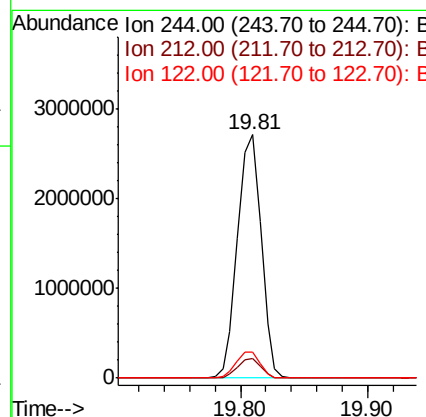
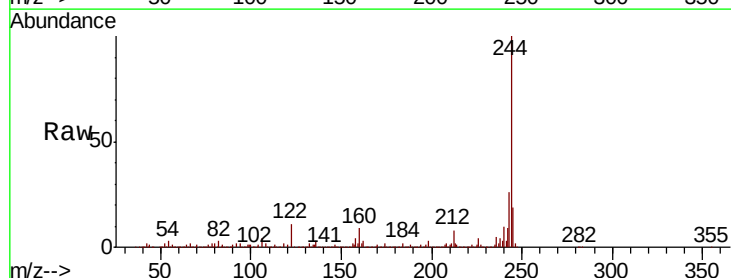
Instrument :
 BNA_M
 ClientSampleId :
 PB116035BL

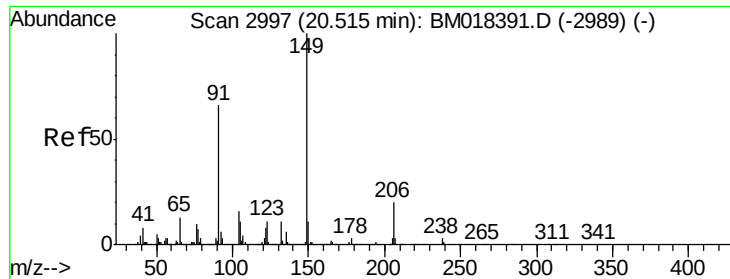
Tgt Ion	Ratio	Lower	Upper
202	100		
200	0.0	16.6	24.8#
203	0.0	13.8	20.8#



#79
 Terphenyl-d14
 Concen: 33.382 ng
 RT: 19.81 min Scan# 2877
 Delta R.T. -0.01 min
 Lab File: BM018406.D
 Acq: 27 Dec 2018 21:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.9	8.9
122	10.5	9.0	13.4

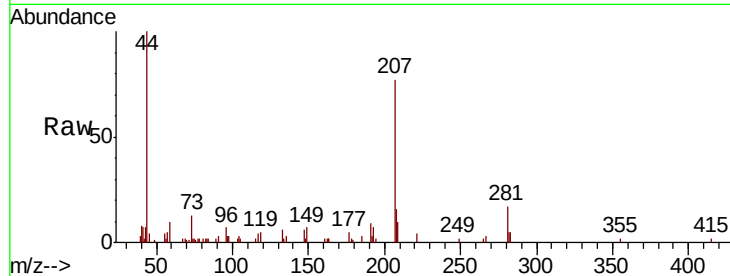




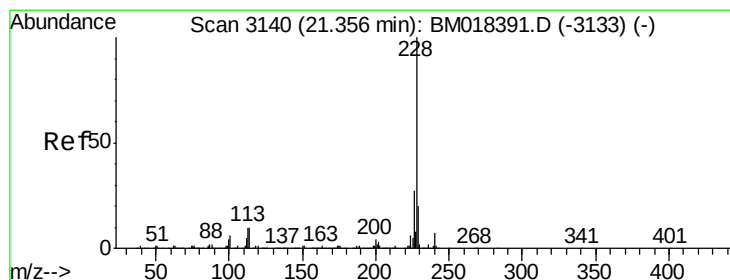
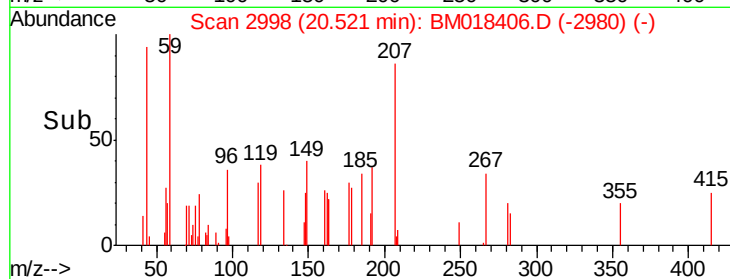
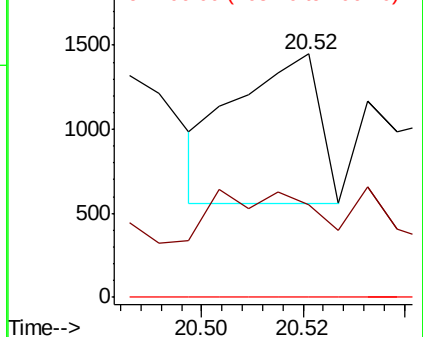
#80
Butylbenzylphthalate
Concen: 6.649 ng
RT: 20.52 min Scan# 2998
Delta R.T. 0.01 min
Lab File: BM018406.D
Acq: 27 Dec 2018 21:05

Instrument :
BNA_M
ClientSampleId :
PB116035BL

Tgt Ion:149 Resp: 1017
Ion Ratio Lower Upper
149 100
91 38.2 53.1 79.7#
206 0.0 16.2 24.4#

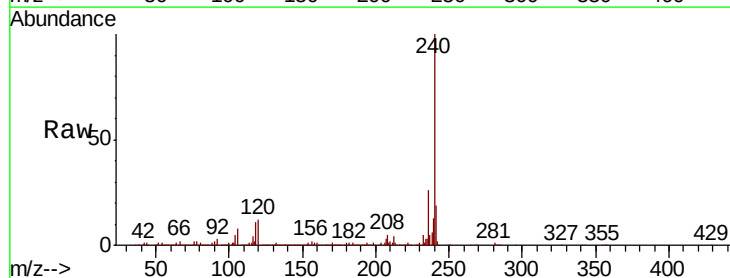


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM
Ion 206.00 (205.70 to 206.70): E

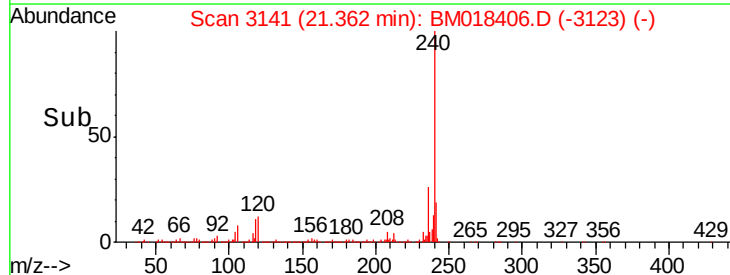
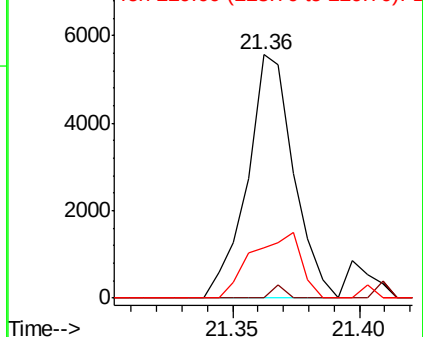


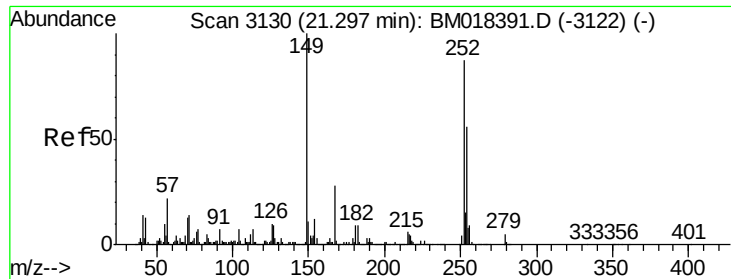
#81
Benzo(a)anthracene
Concen: 0.054 ng
RT: 21.36 min Scan# 3141
Delta R.T. 0.01 min
Lab File: BM018406.D
Acq: 27 Dec 2018 21:05

Tgt Ion:228 Resp: 7088
Ion Ratio Lower Upper
228 100
226 0.0 21.8 32.6#
229 20.6 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

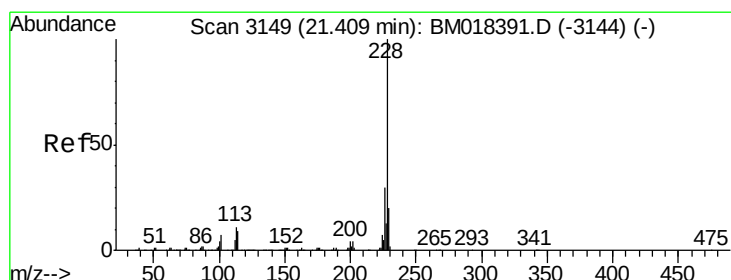
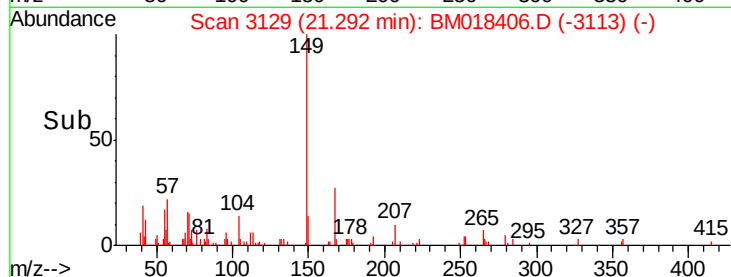
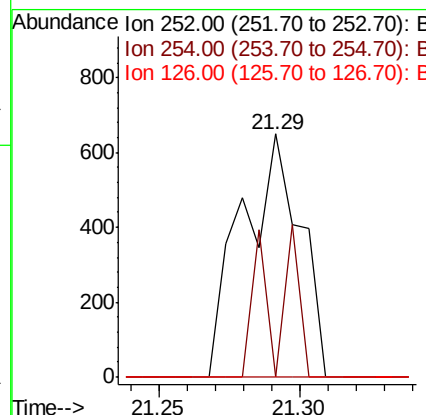
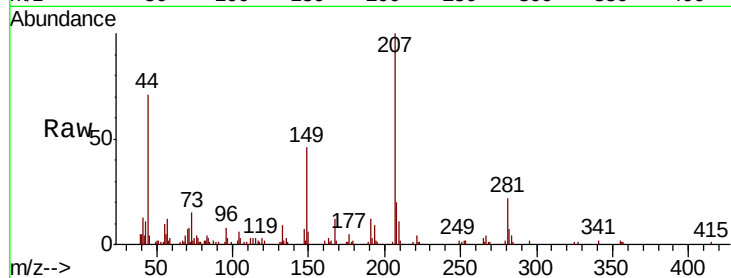




#82
 3,3'-Dichlorobenzidine
 Concen: 0.018 ng
 RT: 21.29 min Scan# 3129
 Delta R.T. -0.01 min
 Lab File: BM018406.D
 Acq: 27 Dec 2018 21:05

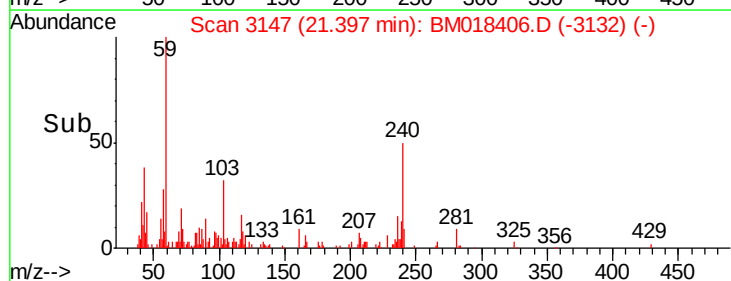
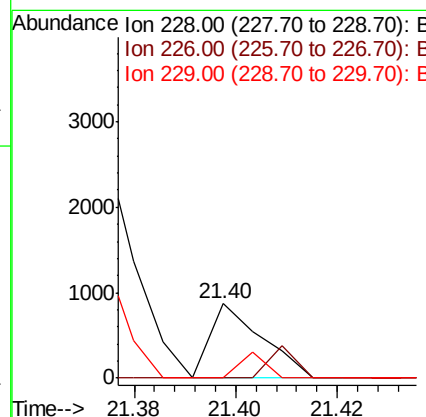
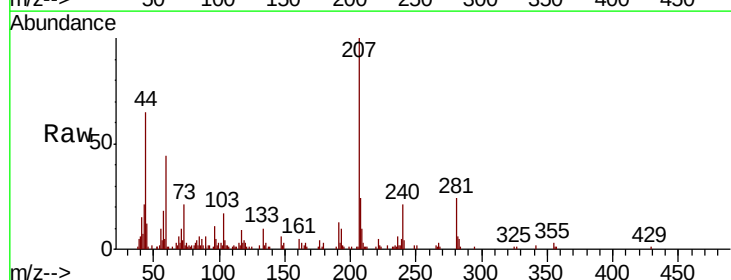
Instrument :
 BNA_M
 ClientSampleId :
 PB116035BL

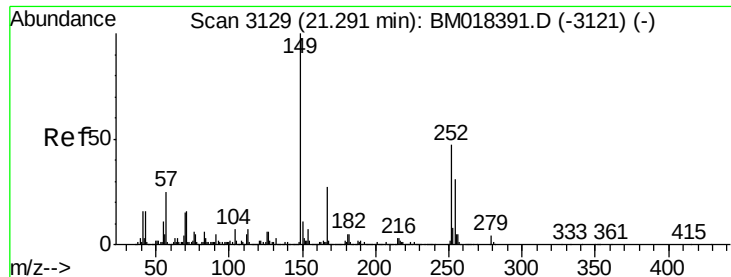
Tgt Ion: 252 Resp: 930
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.4 77.0#
 126 0.0 8.7 13.1#



#83
 Chrysene
 Concen: 0.005 ng
 RT: 21.40 min Scan# 3147
 Delta R.T. -0.01 min
 Lab File: BM018406.D
 Acq: 27 Dec 2018 21:05

Tgt Ion: 228 Resp: 613
 Ion Ratio Lower Upper
 228 100
 226 0.0 24.2 36.2#
 229 0.0 15.6 23.4#

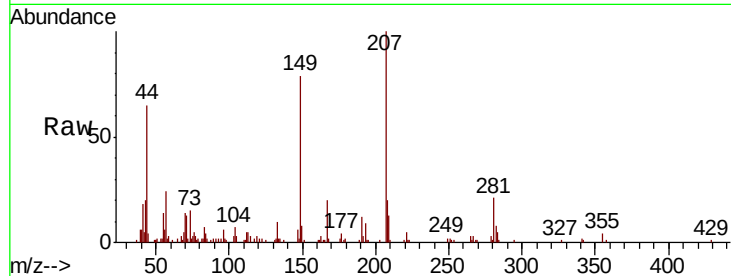




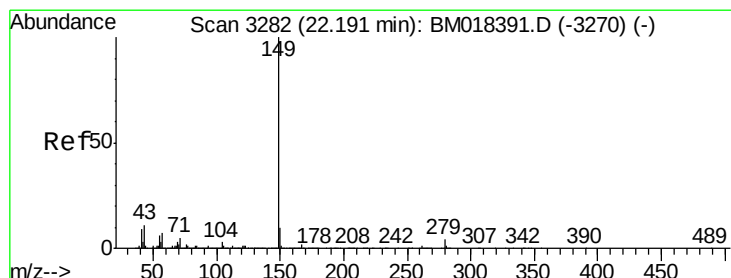
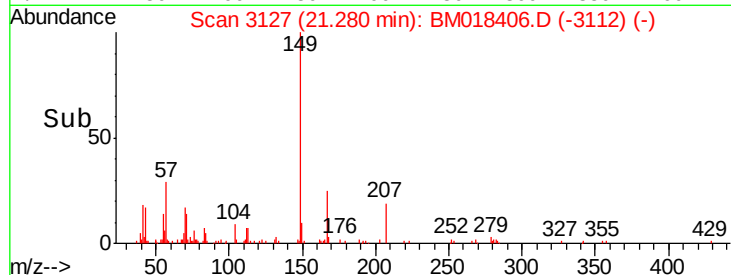
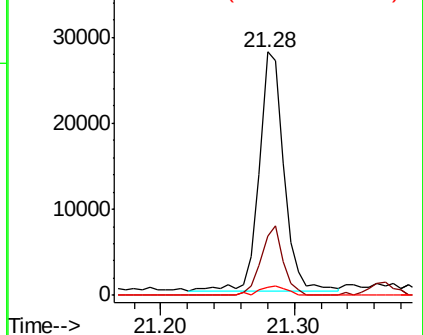
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.407 ng
 RT: 21.28 min Scan# 3127
 Delta R.T. -0.01 min
 Lab File: BM018406.D
 Acq: 27 Dec 2018 21:05

Instrument :
 BNA_M
 ClientSampleId :
 PB116035BL

Tgt Ion:149 Resp: 35666
 Ion Ratio Lower Upper
 149 100
 167 24.6 21.6 32.4
 279 3.3 3.3 4.9

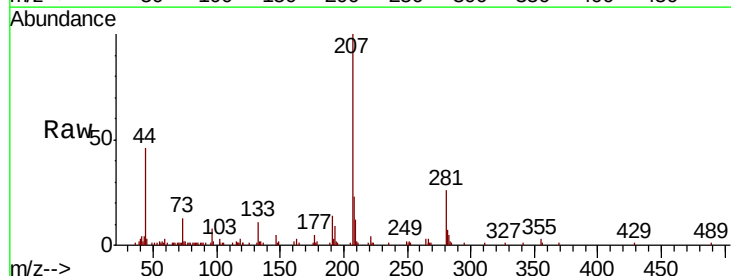


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

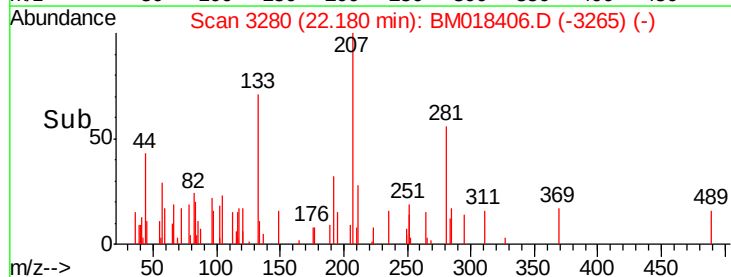
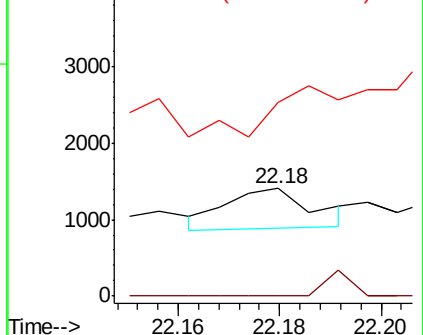


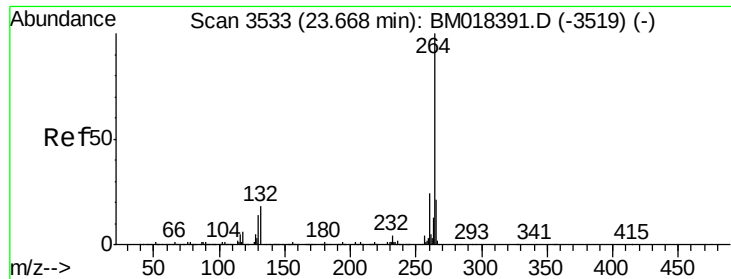
#85
 Di-n-octyl phthalate
 Concen: 0.004 ng
 RT: 22.18 min Scan# 3280
 Delta R.T. -0.01 min
 Lab File: BM018406.D
 Acq: 27 Dec 2018 21:05

Tgt Ion:149 Resp: 616
 Ion Ratio Lower Upper
 149 100
 167 19.2 1.3 1.9#
 43 91.2 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): BM0

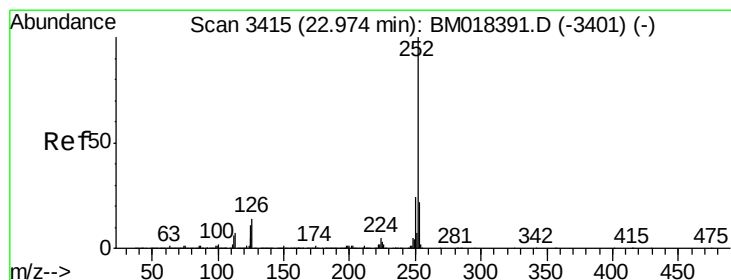
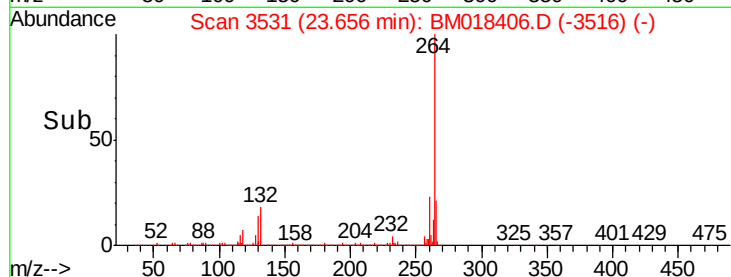
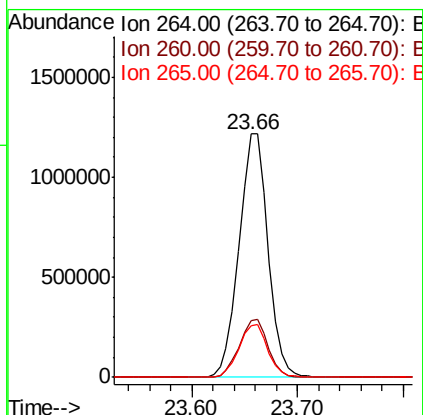
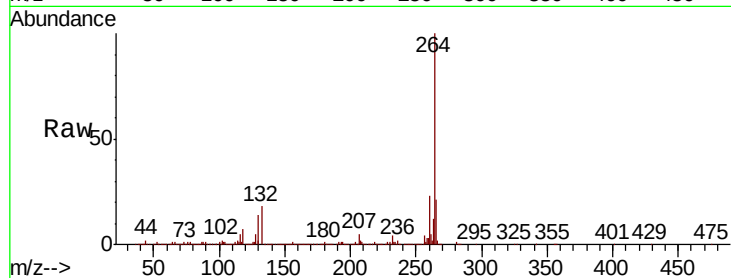




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.66 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BM018406.D
Acq: 27 Dec 2018 21:05

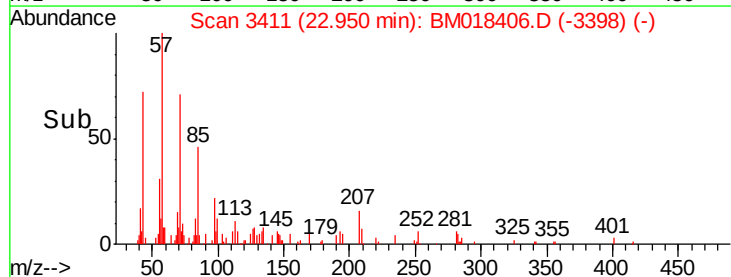
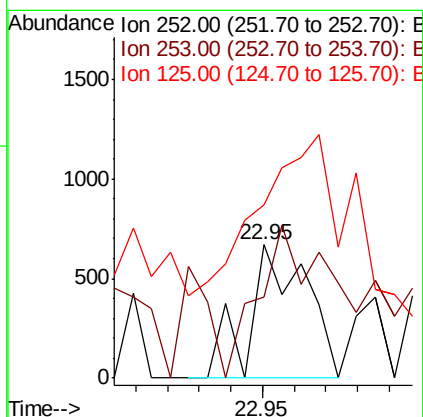
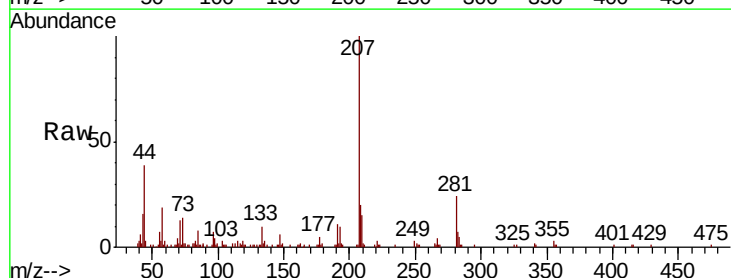
Instrument :
BNA_M
ClientSampleId :
PB116035BL

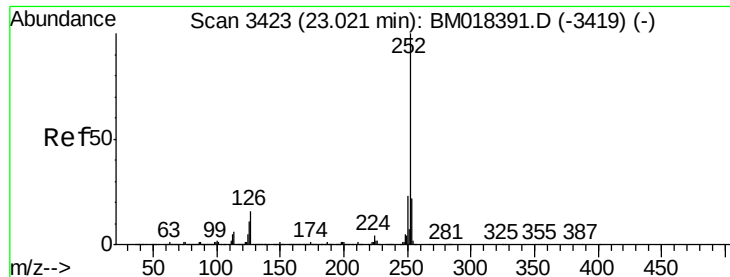
Tgt Ion:264 Resp: 2312357
Ion Ratio Lower Upper
264 100
260 23.3 18.9 28.3
265 21.2 16.8 25.2



#88
Benzo(b)fluoranthene
Concen: 0.007 ng
RT: 22.95 min Scan# 3411
Delta R.T. -0.02 min
Lab File: BM018406.D
Acq: 27 Dec 2018 21:05

Tgt Ion:252 Resp: 849
Ion Ratio Lower Upper
252 100
253 61.2 17.6 26.4#
125 130.0 8.5 12.7#





#89

Benzo(k)fluoranthene

Concen: 0.004 ng

RT: 23.01 min Scan# 3421

Delta R.T. -0.01 min

Lab File: BM018406.D

Acq: 27 Dec 2018 21:05

Instrument :

BNA_M

ClientSampleId :

PB116035BL

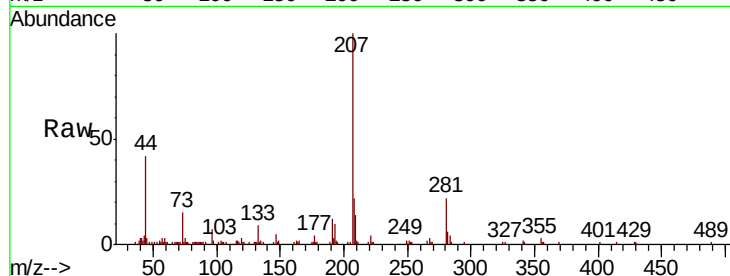
Tgt Ion:252 Resp: 568

Ion Ratio Lower Upper

252 100

253 79.4 17.4 26.0#

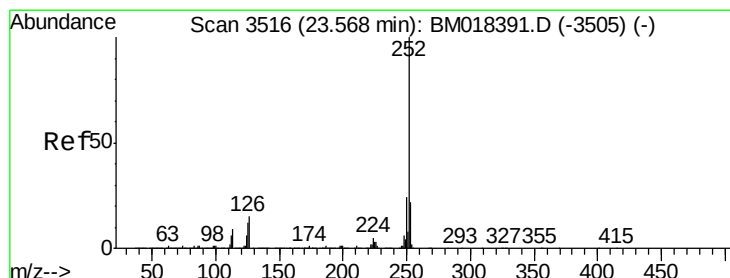
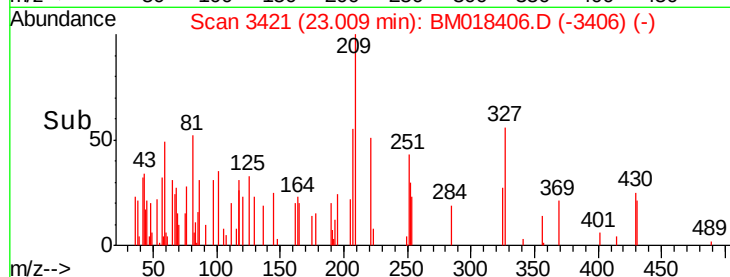
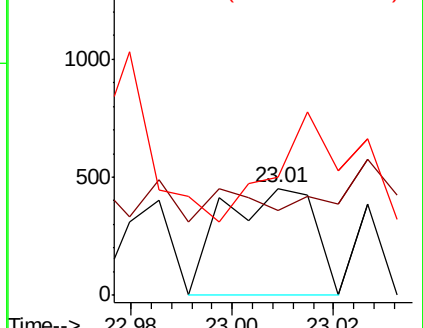
125 110.6 8.6 12.8#



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: 0.005 ng

RT: 23.54 min Scan# 3512

Delta R.T. -0.02 min

Lab File: BM018406.D

Acq: 27 Dec 2018 21:05

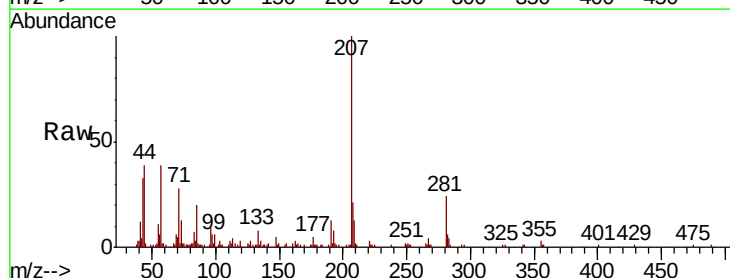
Tgt Ion:252 Resp: 655

Ion Ratio Lower Upper

252 100

253 97.7 17.5 26.3#

125 221.2 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

