

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122718\
 Data File : BM018410.D
 Acq On : 27 Dec 2018 23:28
 Operator : JU/SJ
 Sample : J6572-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 381204157-6

Quant Time: Dec 28 04:07:48 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	371678	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	1692795	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	1037095	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	2408938	20.00	ng	0.00
76) Chrysene-d12	21.36	240	2637302	20.00	ng	-0.01
87) Perylene-d12	23.66	264	2738764	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	114905	5.83	ng	0.00
7) Phenol-d6	6.93	99	139692	5.10	ng	0.00
23) Nitrobenzene-d5	8.94	82	300584	10.19	ng	-0.01
42) 2,4,6-Tribromophenol	15.92	330	322816	24.50	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	1069550	13.97	ng	0.00
79) Terphenyl-d14	19.80	244	3646038	29.46	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.32	88	530	0.066	ng	# 33
3) Pyridine	3.69	79	116	0.005	ng	# 1
4) n-Nitrosodimethylamine	3.60	42	543	0.060	ng	# 1
6) Aniline	7.12	93	169	0.005	ng	# 43
9) Benzaldehyde	6.93	77	1648	0.086	ng	# 55
10) Phenol	6.97	94	379	0.013	ng	# 1
15) Benzyl Alcohol	8.02	79	645	0.030	ng	# 34
16) 2,2'-oxybis(1-Chloropropan	8.32	45	749	0.021	ng	# 69
22) Acetophenone	8.60	105	1053	0.025	ng	# 24
24) Nitrobenzene	8.97	77	490	0.017	ng	# 38
25) Isophorone	9.51	82	143	0.003	ng	# 64
27) 2,4-Dimethylphenol	9.78	122	151	0.007	ng	# 3
31) Naphthalene	10.62	128	328	0.004	ng	# 69
38) 1-Methylnaphthalene	12.42	142	130	0.002	ng	# 1
46) 1,1'-Biphenyl	13.26	154	3007	0.034	ng	# 80
49) Acenaphthylene	14.15	152	256	0.002	ng	# 61
50) Dimethylphthalate	13.89	163	848	0.010	ng	# 78
51) 2,6-Dinitrotoluene	13.95	165	968	0.053	ng	# 23
52) Acenaphthene	14.42	154	4142	0.066	ng	# 4
58) Fluorene	15.46	166	1066	0.013	ng	# 9
60) Diethylphthalate	15.25	149	7538	0.083	ng	# 96
63) Azobenzene	15.79	77	3318	0.040	ng	# 1
66) n-Nitrosodiphenylamine	15.69	169	220	0.003	ng	# 24
71) Phenanthrene	17.22	178	1311	0.010	ng	# 61
72) Anthracene	17.31	178	513	0.004	ng	# 61
73) Carbazole	17.58	167	551	0.004	ng	# 59
74) Di-n-butylphthalate	18.14	149	12491	0.082	ng	# 91
75) Fluoranthene	19.23	202	1690	0.011	ng	# 76
77) Benzidine	19.43	184	565	0.007	ng	# 67
78) Pyrene	19.60	202	1896	0.012	ng	# 55
80) Butylbenzylphthalate	20.50	149	1768	6.656	ng	# 52
81) Benzo(a)anthracene	21.37	228	8082	0.052	ng	# 62
82) 3,3'-Dichlorobenzidine	21.28	252	487	0.008	ng	# 26
83) Chrysene	21.40	228	747	0.005	ng	# 49

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

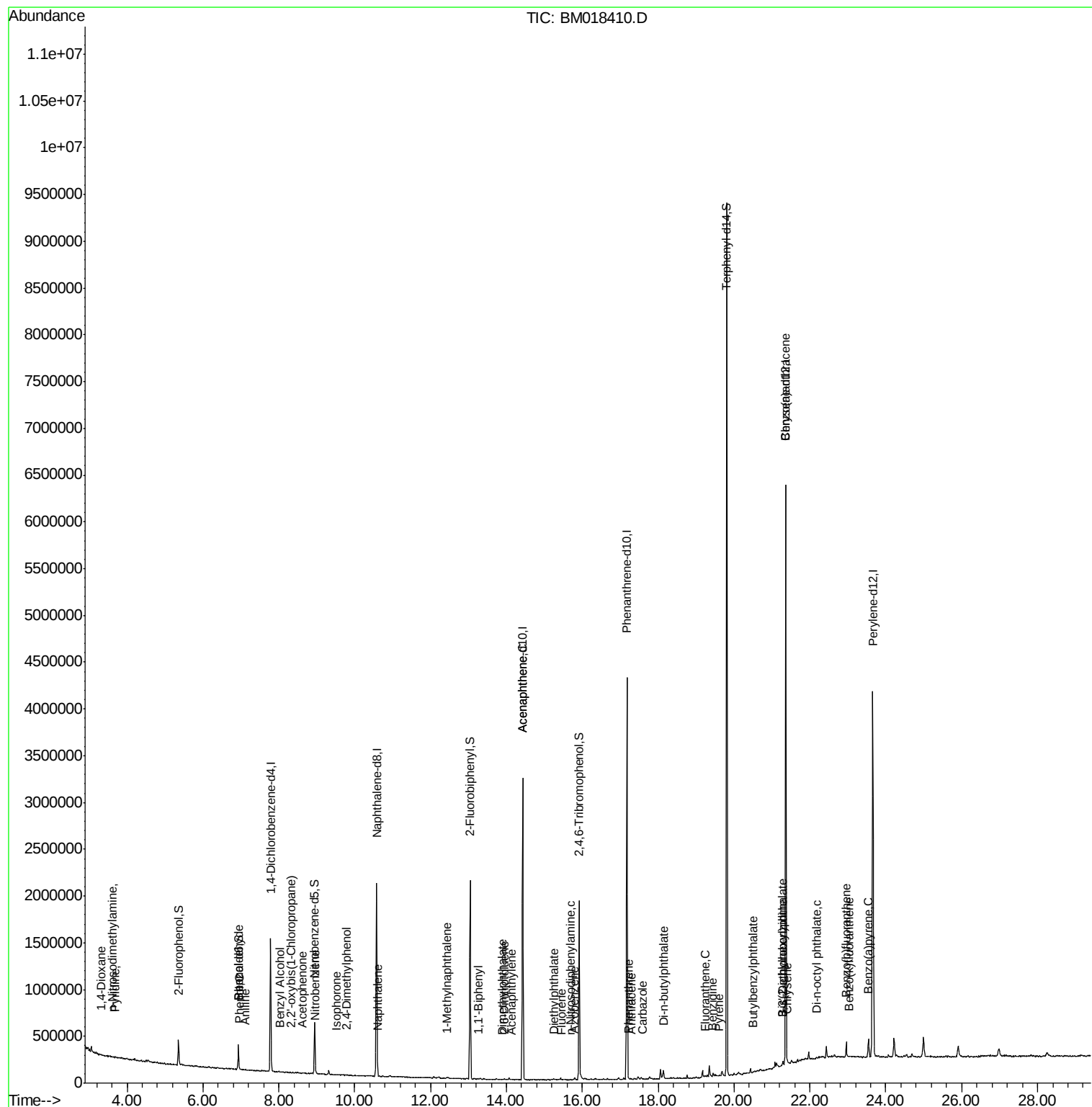
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Bis(2-ethylhexyl)phthalate	21.28	149	8443	0.082	ng	# 80
85) Di-n-octyl phthalate	22.18	149	606	0.004	ng	# 1
88) Benzo(b)fluoranthene	22.95	252	541	0.004	ng	# 1
89) Benzo(k)fluoranthene	23.03	252	277	0.002	ng	# 1
90) Benzo(a)pyrene	23.54	252	1555	0.011	ng	# 1

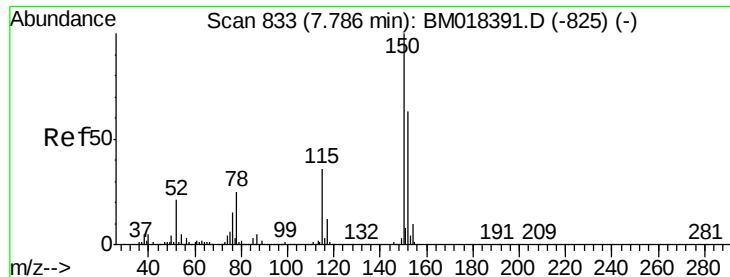
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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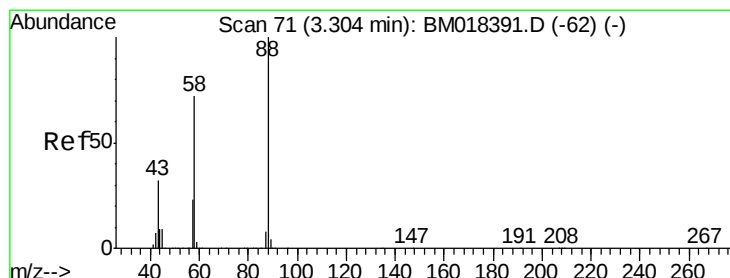
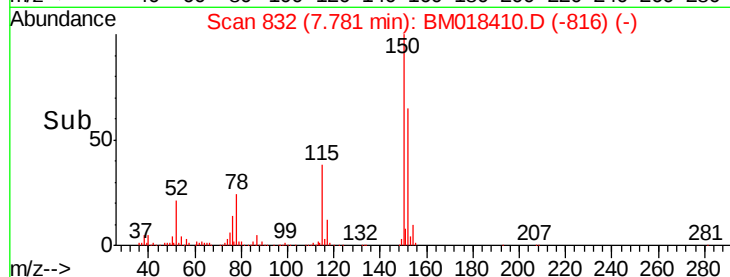
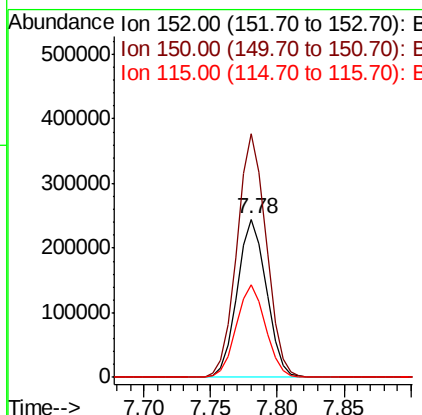
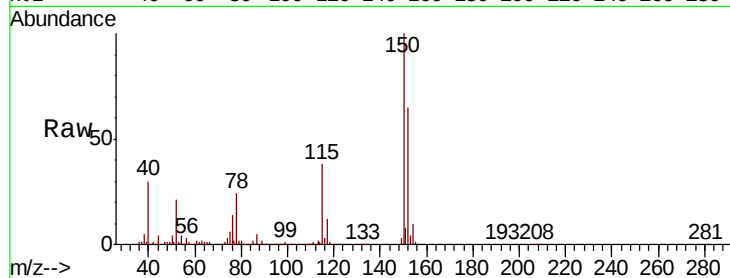


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.78 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BM018410.D
 Acq: 27 Dec 2018 23:28

Instrument :
 BNA_M
 ClientSampleId :
 381204157-6

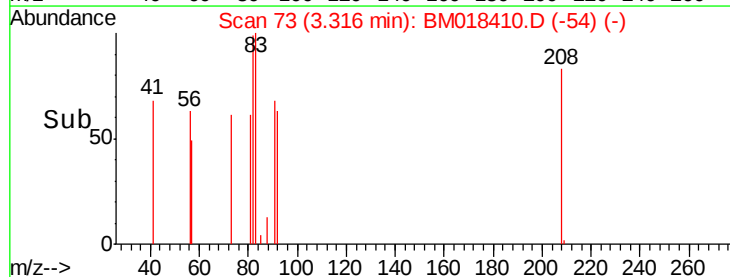
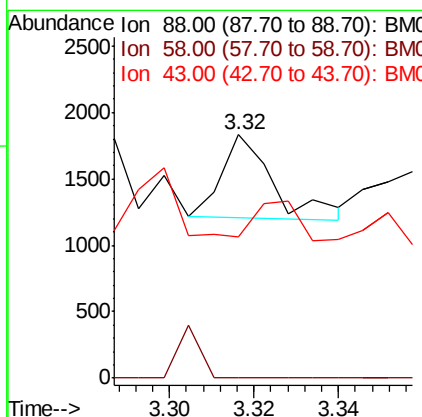
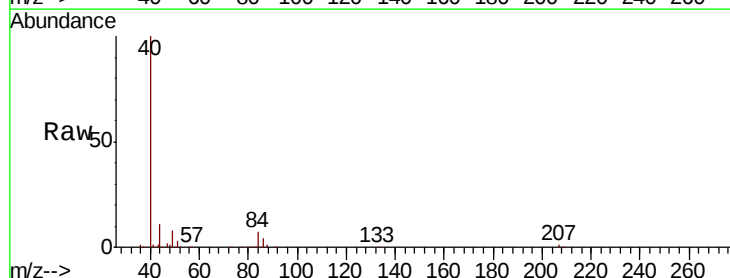
Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.9	190.3
115	58.6	45.5	68.3

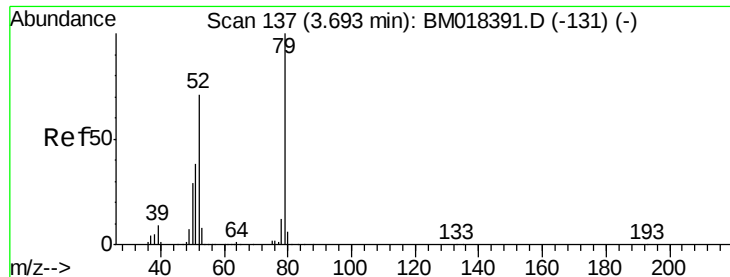


#2

1,4-Dioxane
 Concen: 0.066 ng
 RT: 3.32 min Scan# 73
 Delta R.T. 0.01 min
 Lab File: BM018410.D
 Acq: 27 Dec 2018 23:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	58.4	87.6#
43	46.2	26.2	39.4#





#3

Pyridine

Concen: 0.005 ng

RT: 3.69 min Scan# 137

Delta R.T. 0.00 min

Lab File: BM018410.D

Acq: 27 Dec 2018 23:28

Instrument :

BNA_M

ClientSampleId :

381204157-6

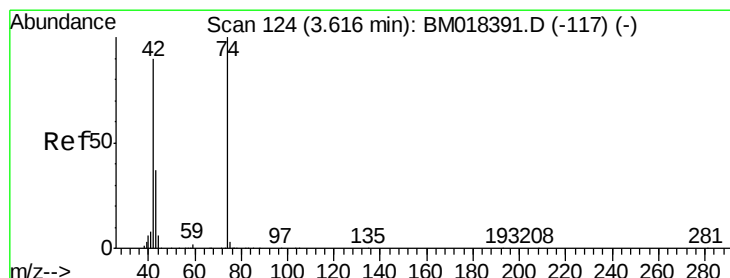
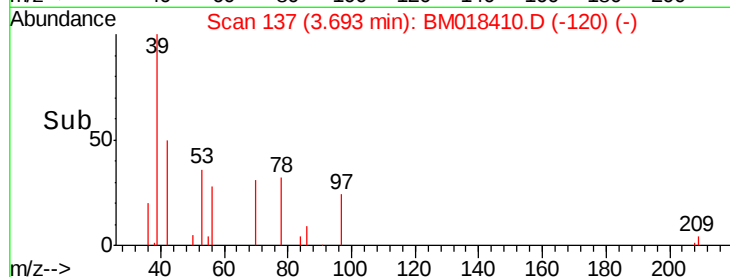
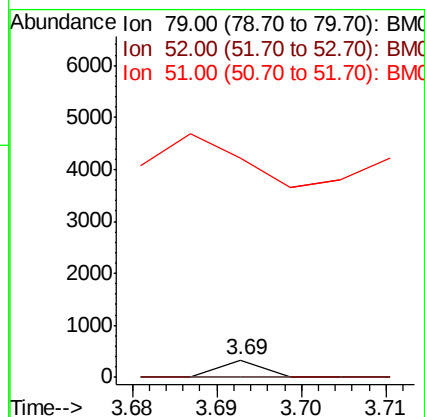
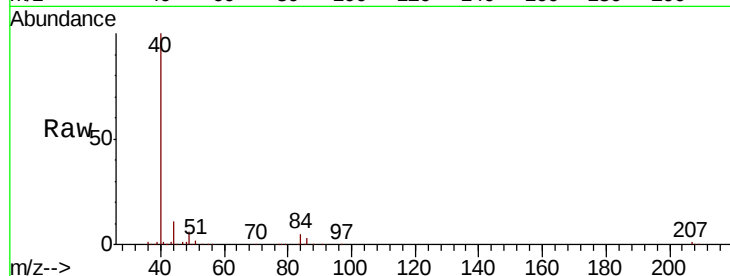
Tgt Ion: 79 Resp: 116

Ion Ratio Lower Upper

79 100

52 0.0 56.4 84.6#

51 1279.6 31.0 46.4#



#4

n-Nitrosodimethylamine

Concen: 0.060 ng

RT: 3.60 min Scan# 122

Delta R.T. -0.01 min

Lab File: BM018410.D

Acq: 27 Dec 2018 23:28

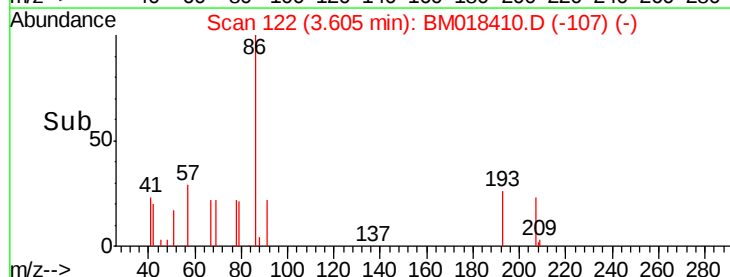
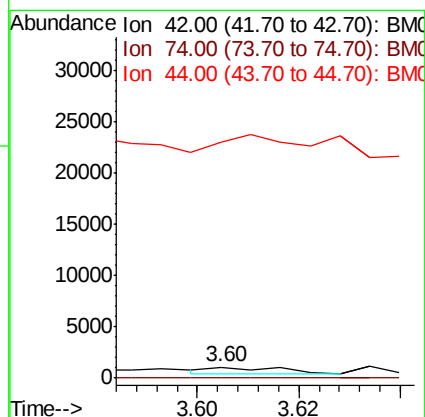
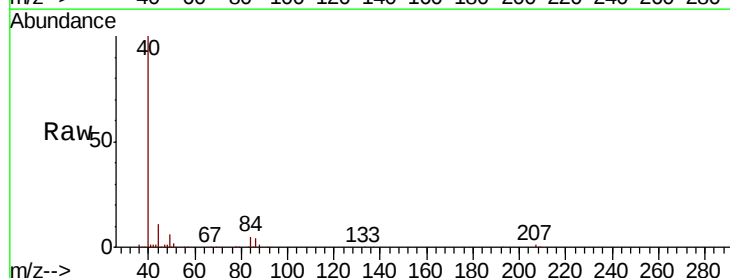
Tgt Ion: 42 Resp: 543

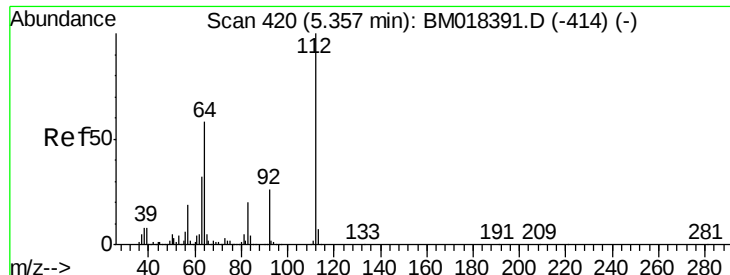
Ion Ratio Lower Upper

42 100

74 0.0 88.6 132.8#

44 2191.8 16.9 25.3#





#5

2-Fluorophenol

Concen: 5.829 ng

RT: 5.36 min Scan# 420

Delta R.T. 0.00 min

Lab File: BM018410.D

Acq: 27 Dec 2018 23:28

Instrument :

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ClientSampleId :

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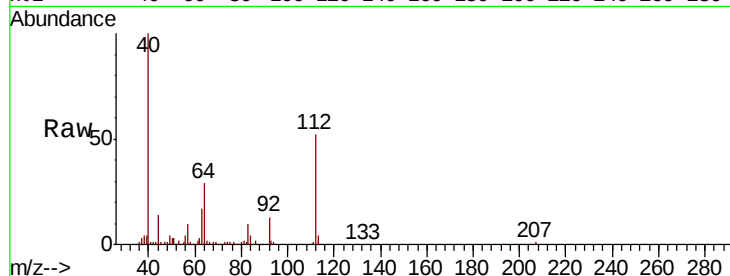
Tgt Ion: 112 Resp: 114905

Ion Ratio Lower Upper

112 100

64 56.4 46.5 69.7

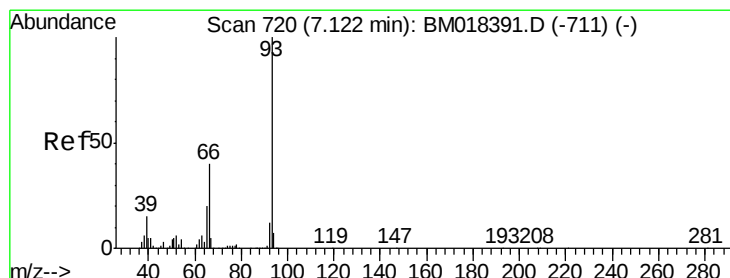
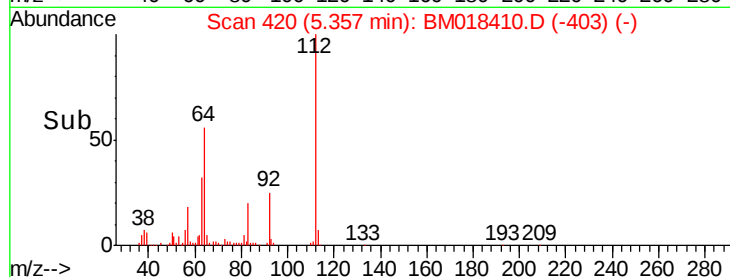
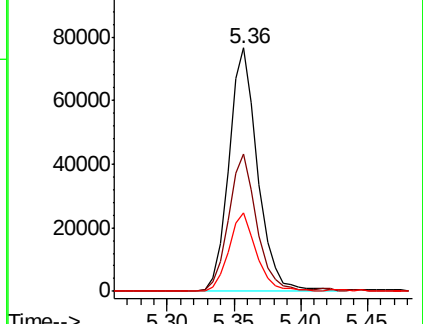
63 32.2 25.2 37.8



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: 7.12 min Scan# 720

Delta R.T. 0.00 min

Lab File: BM018410.D

Acq: 27 Dec 2018 23:28

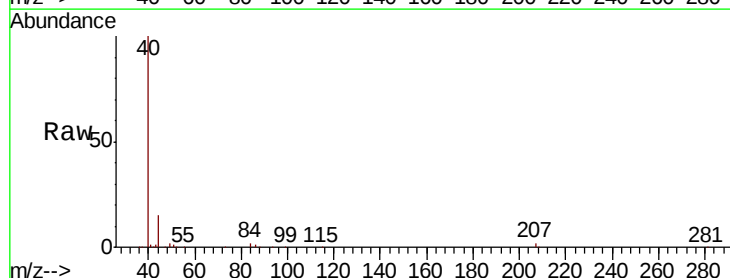
Tgt Ion: 93 Resp: 169

Ion Ratio Lower Upper

93 100

66 0.0 31.7 47.5#

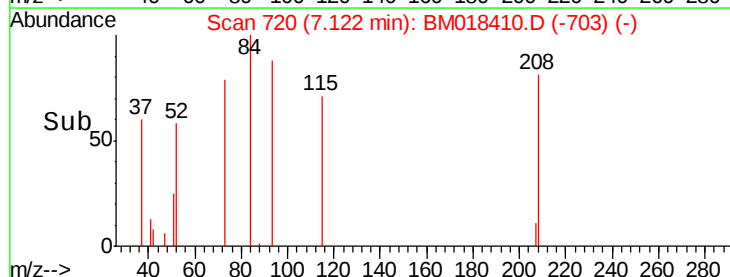
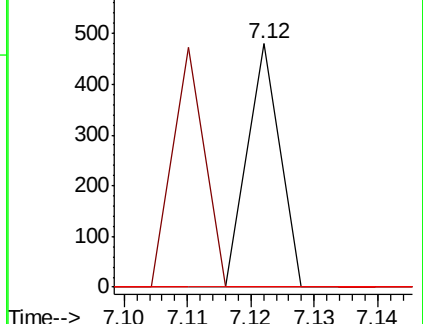
65 0.0 15.9 23.9#

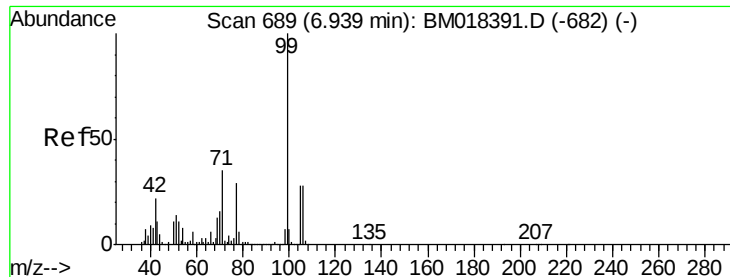


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 5.103 ng

RT: 6.93 min Scan# 688

Delta R.T. -0.01 min

Lab File: BM018410.D

Acq: 27 Dec 2018 23:28

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ClientSampleId :

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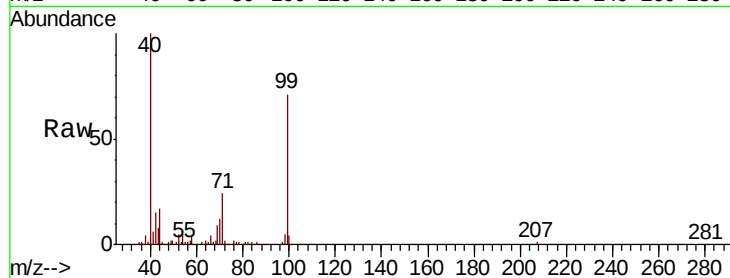
Tgt Ion: 99 Resp: 139692

Ion Ratio Lower Upper

99 100

42 21.1 17.3 25.9

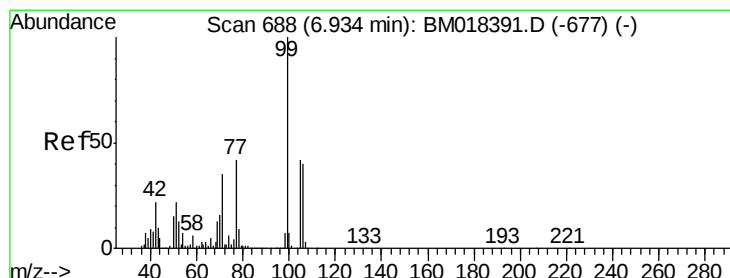
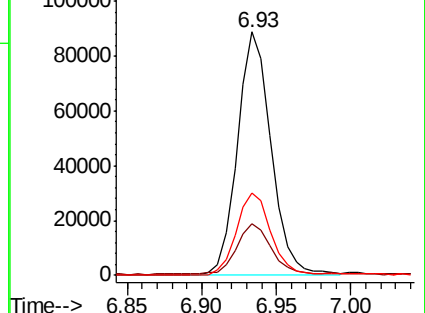
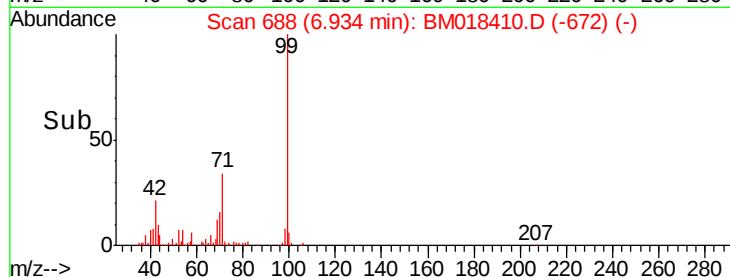
71 34.0 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018410.D (-672) (-)

Ion 42.00 (41.70 to 42.70): BM018410.D (-672) (-)

Ion 71.00 (70.70 to 71.70): BM018410.D (-672) (-)



#9

Benzaldehyde

Concen: 0.086 ng

RT: 6.93 min Scan# 688

Delta R.T. 0.00 min

Lab File: BM018410.D

Acq: 27 Dec 2018 23:28

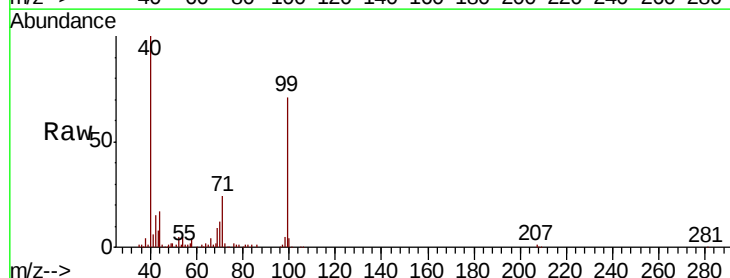
Tgt Ion: 77 Resp: 1648

Ion Ratio Lower Upper

77 100

105 44.4 79.7 119.7#

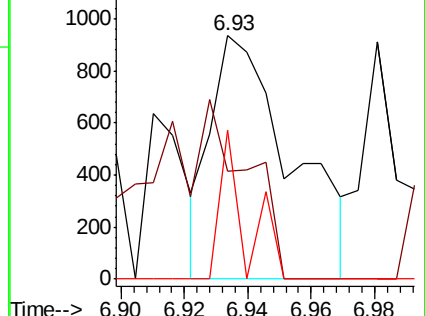
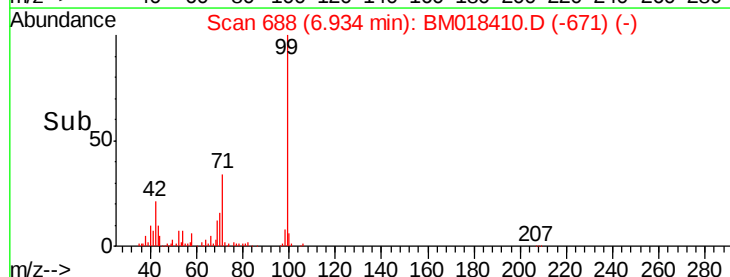
106 61.0 75.2 115.2#

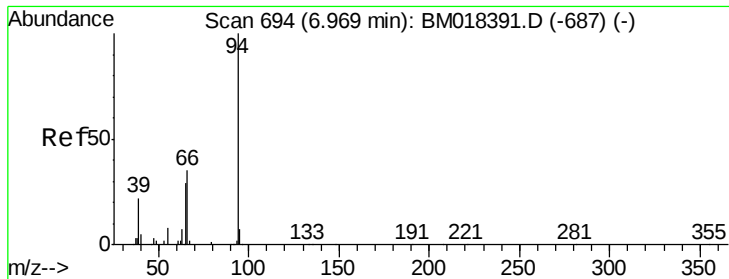


Abundance Ion 77.00 (76.70 to 77.70): BM018410.D (-671) (-)

Ion 105.00 (104.70 to 105.70): BM018410.D (-671) (-)

Ion 106.00 (105.70 to 106.70): BM018410.D (-671) (-)





#10

Phenol

Concen: 0.013 ng

RT: 6.97 min Scan# 694

Delta R.T. 0.00 min

Lab File: BM018410.D

Acq: 27 Dec 2018 23:28

Instrument :

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ClientSampleId :

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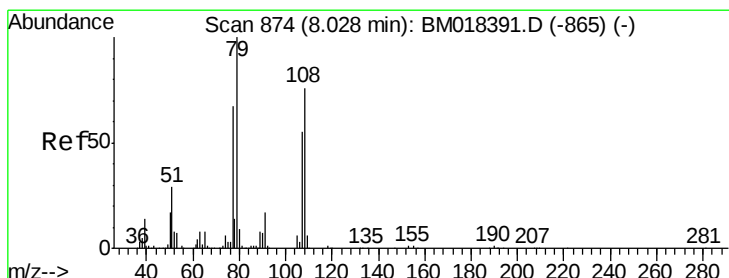
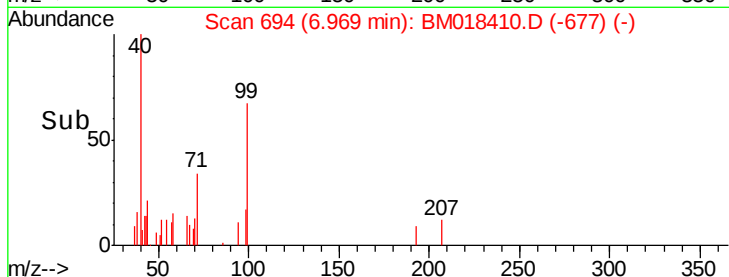
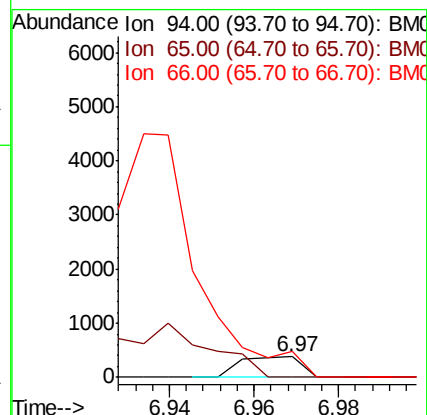
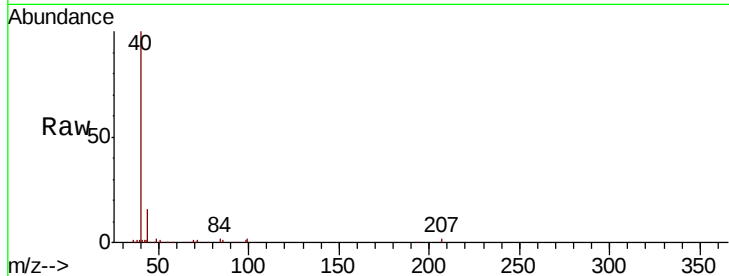
Tgt Ion: 94 Resp: 379

Ion Ratio Lower Upper

94 100

65 0.0 9.4 49.4#

66 129.4 19.1 59.1#



#15

Benzyl Alcohol

Concen: 0.030 ng

RT: 8.02 min Scan# 873

Delta R.T. -0.01 min

Lab File: BM018410.D

Acq: 27 Dec 2018 23:28

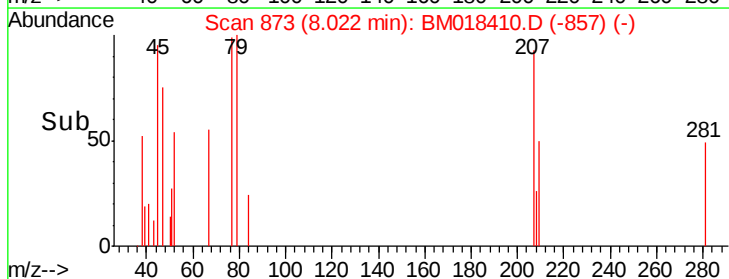
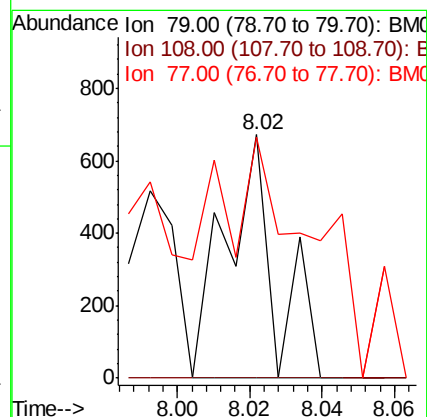
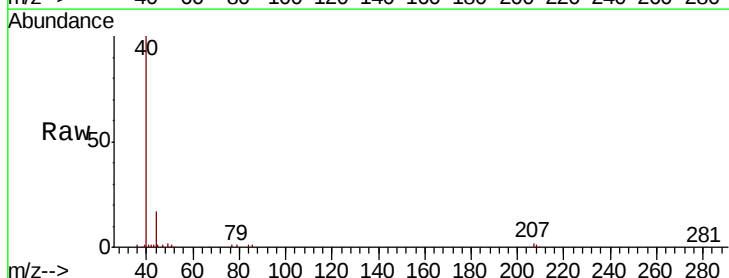
Tgt Ion: 79 Resp: 645

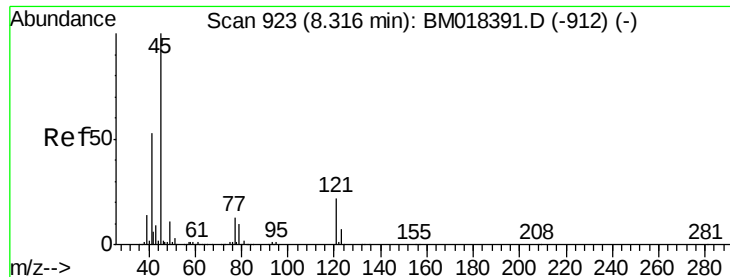
Ion Ratio Lower Upper

79 100

108 0.0 60.4 90.6#

77 99.3 53.4 80.2#

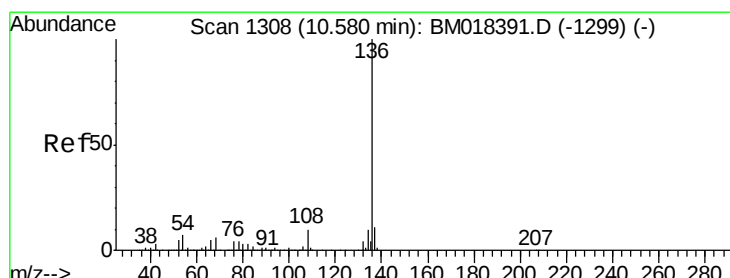
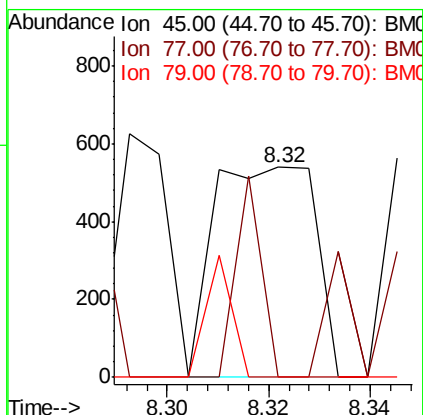
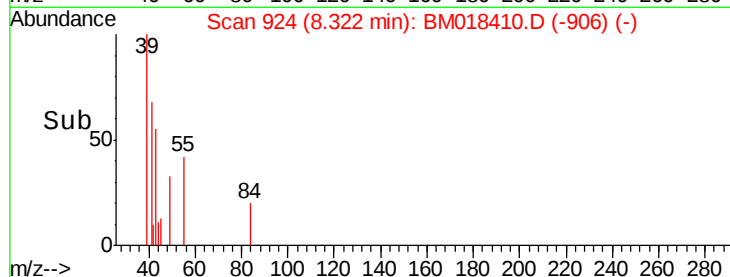
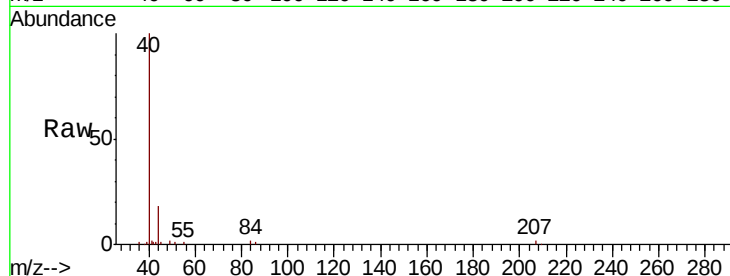




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.021 ng
RT: 8.32 min Scan# 924
Delta R.T. 0.01 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

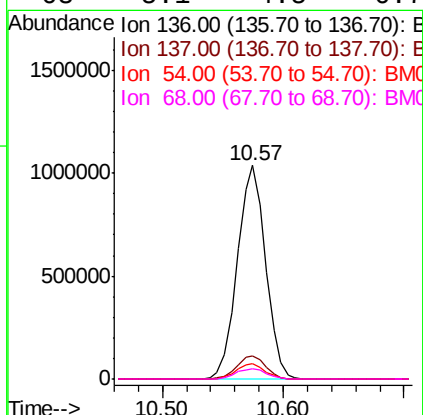
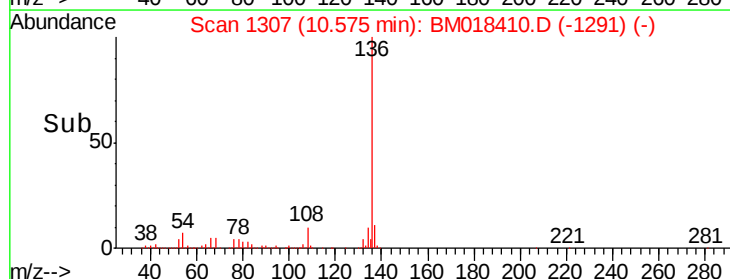
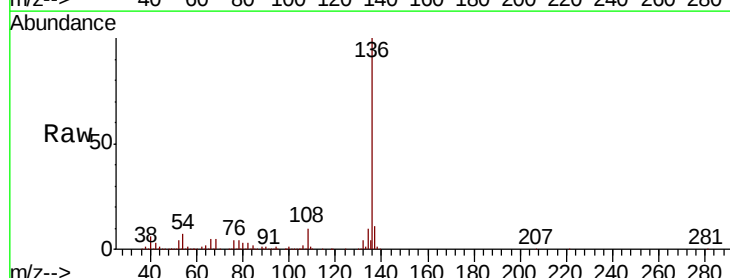
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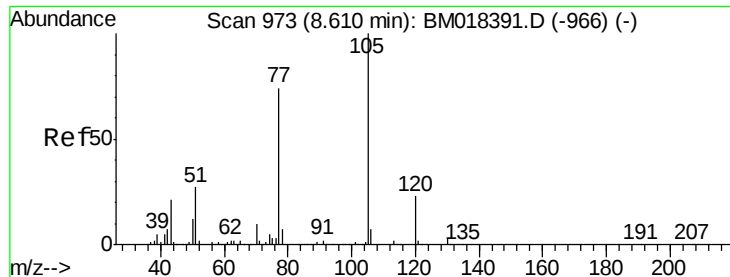
Tgt Ion:	45	Resp:	749
Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	33.4
79	0.0	0.0	31.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Tgt Ion:	136	Resp:	1692795
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.1	6.0	9.0
68	5.1	4.5	6.7

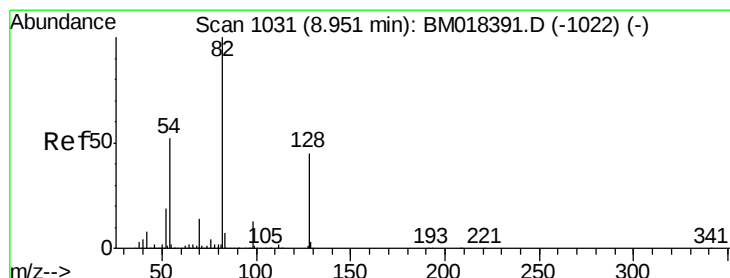
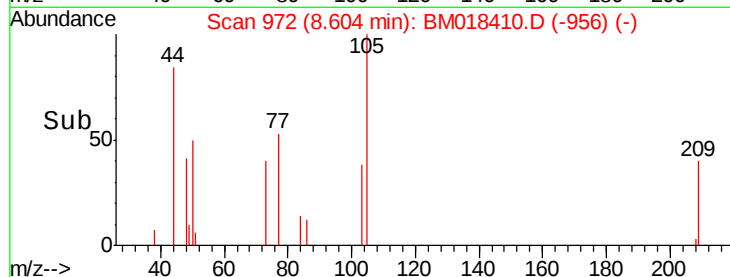
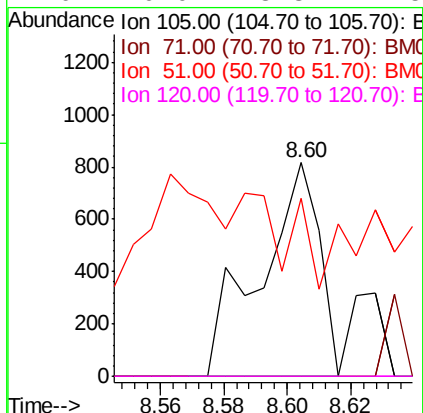
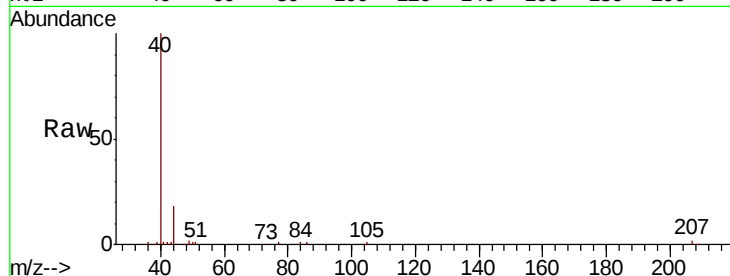




#22
Acetophenone
Concen: 0.025 ng
RT: 8.60 min Scan# 972
Delta R.T. -0.01 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

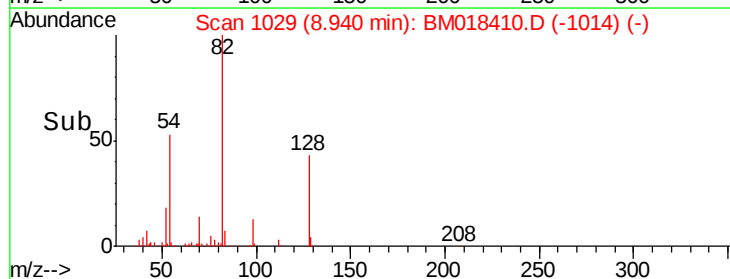
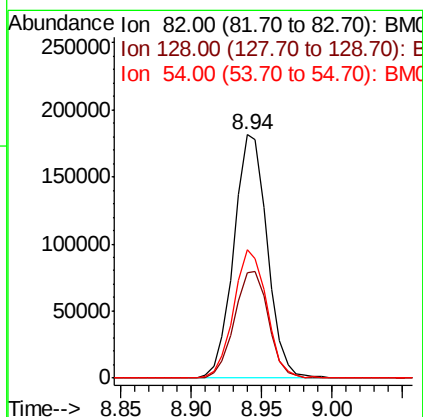
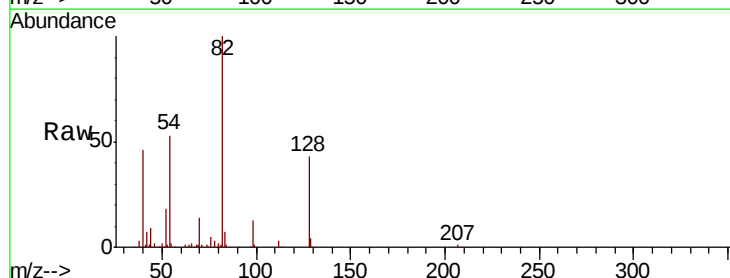
Instrument :
BNA_M
ClientSampleId :
381204157-6

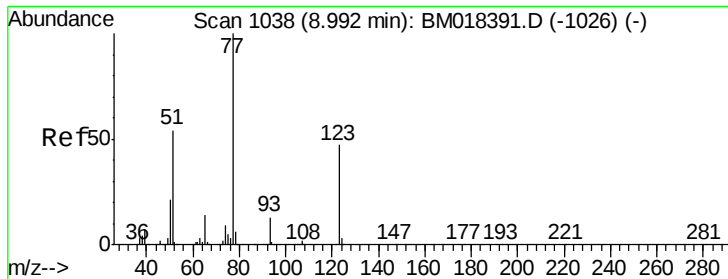
Tgt Ion: 105 Resp: 1053
Ion Ratio Lower Upper
105 100
71 0.0 1.7 2.5#
51 83.2 22.6 34.0#
120 0.0 18.3 27.5#



#23
Nitrobenzene-d5
Concen: 10.191 ng
RT: 8.94 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Tgt Ion: 82 Resp: 300584
Ion Ratio Lower Upper
82 100
128 43.1 36.3 54.5
54 52.5 41.7 62.5

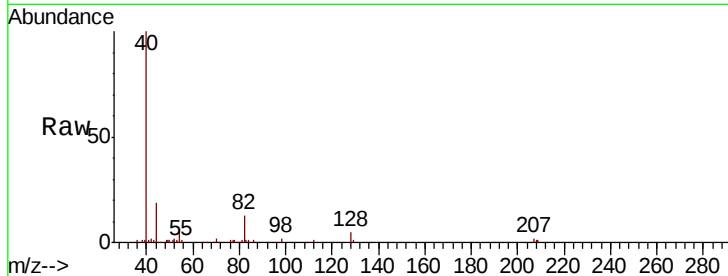




#24
Nitrobenzene
Concen: 0.017 ng
RT: 8.97 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Instrument :
BNA_M
ClientSampleId :
381204157-6

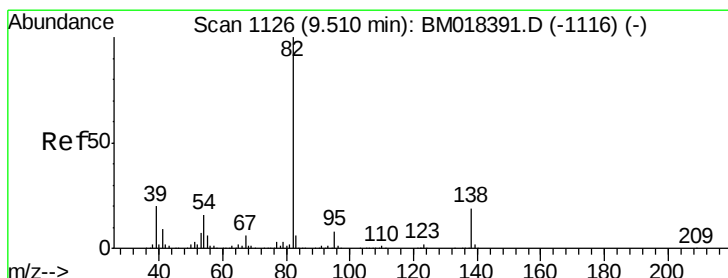
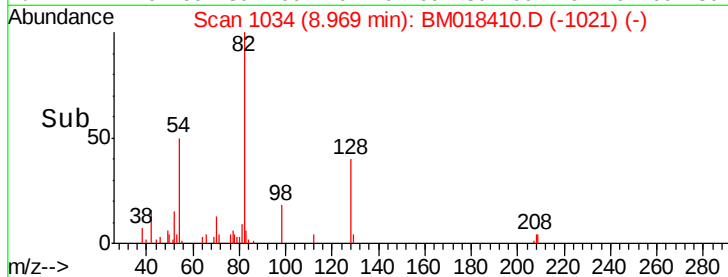
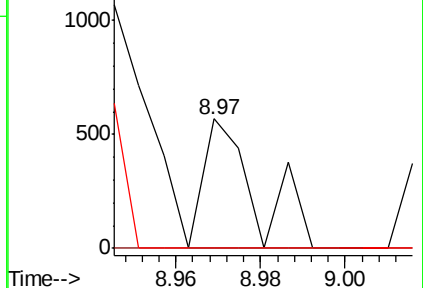
Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.7	56.5#
65	0.0	11.0	16.6#



Abundance Ion 77.00 (76.70 to 77.70): BM018391.D (-1026) (-)

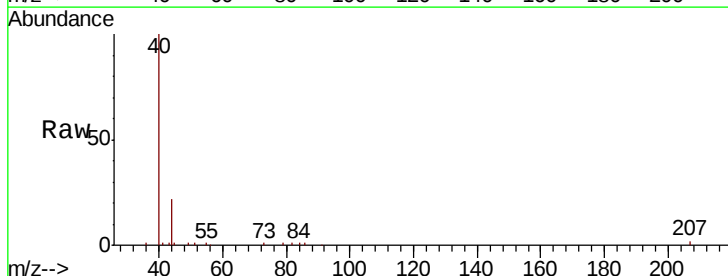
Ion 123.00 (122.70 to 123.70): BM018391.D (-1026) (-)

Ion 65.00 (64.70 to 65.70): BM018391.D (-1026) (-)



#25
Isophorone
Concen: 0.003 ng
RT: 9.51 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

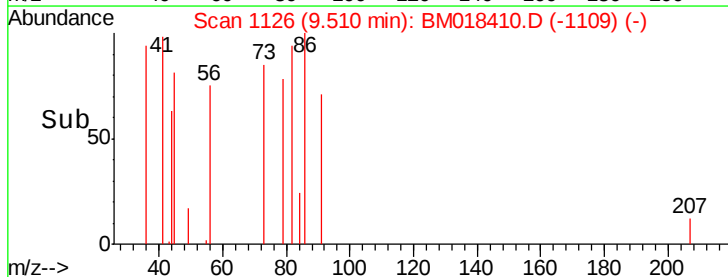
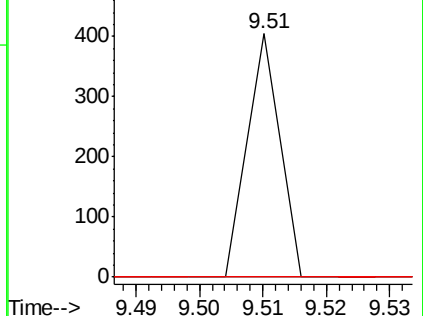
Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.1	9.1#
138	0.0	15.1	22.7#

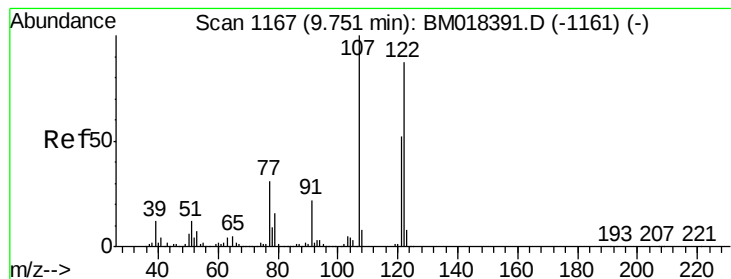


Abundance Ion 82.00 (81.70 to 82.70): BM018391.D (-1116) (-)

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

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





#27

2,4-Dimethylphenol

Concen: 0.007 ng

RT: 9.78 min Scan# 1172

Delta R.T. 0.03 min

Lab File: BM018410.D

Acq: 27 Dec 2018 23:28

Instrument :

BNA_M

ClientSampleId :

381204157-6

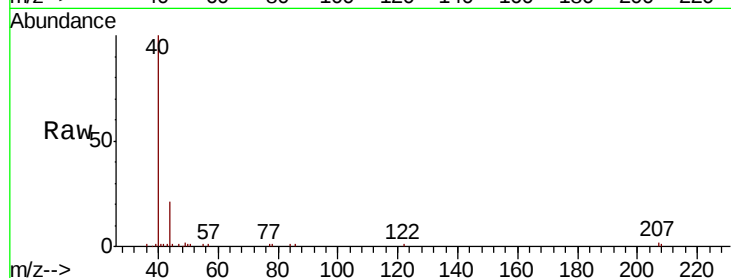
Tgt Ion:122 Resp: 151

Ion Ratio Lower Upper

122 100

107 0.0 91.9 137.9#

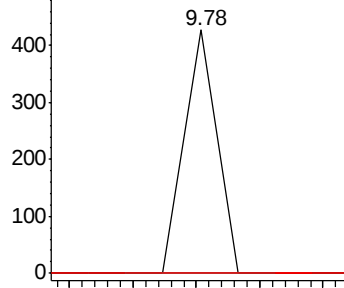
121 0.0 47.5 71.3#



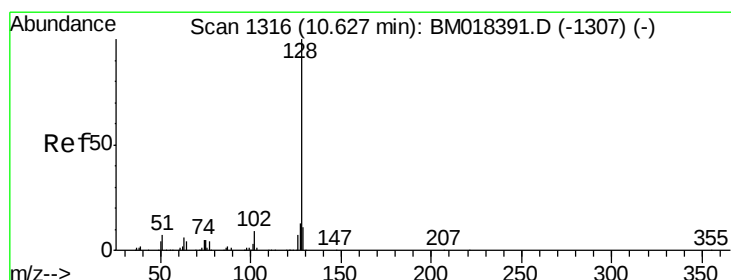
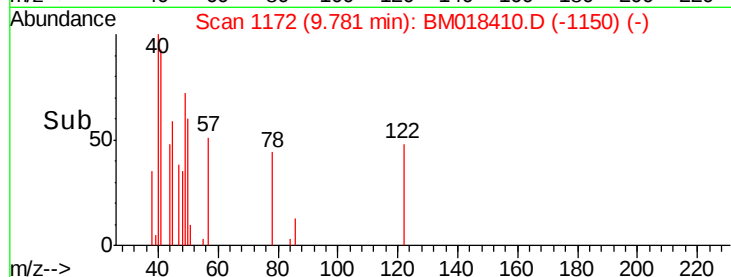
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



Time-->



#31

Naphthalene

Concen: 0.004 ng

RT: 10.62 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BM018410.D

Acq: 27 Dec 2018 23:28

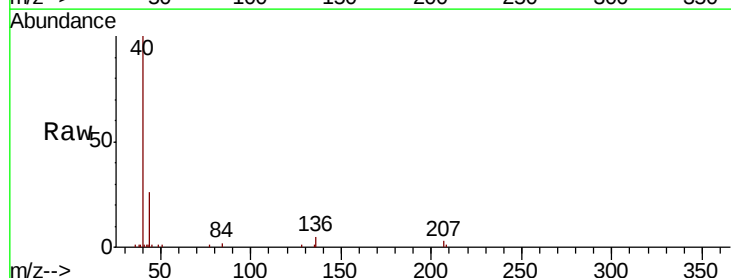
Tgt Ion:128 Resp: 328

Ion Ratio Lower Upper

128 100

129 0.0 8.7 13.1#

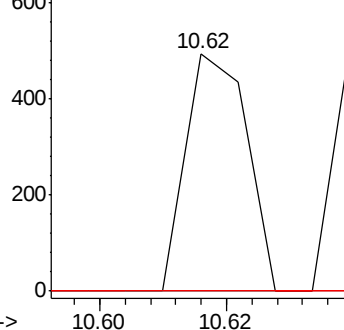
127 0.0 10.8 16.2#



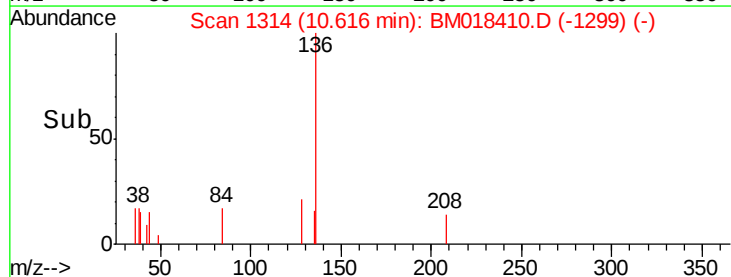
Abundance Ion 128.00 (127.70 to 128.70): E

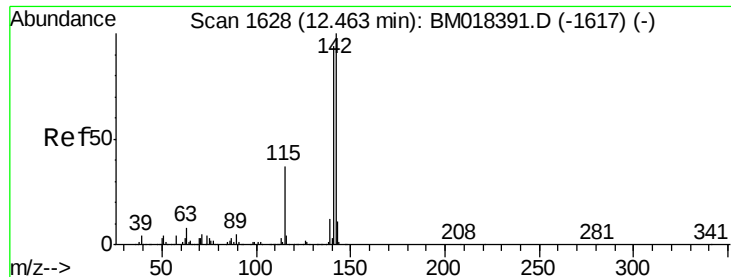
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->

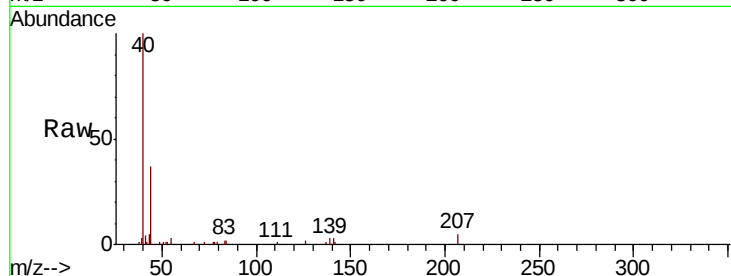




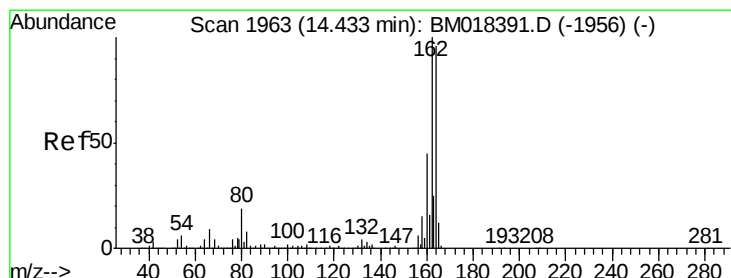
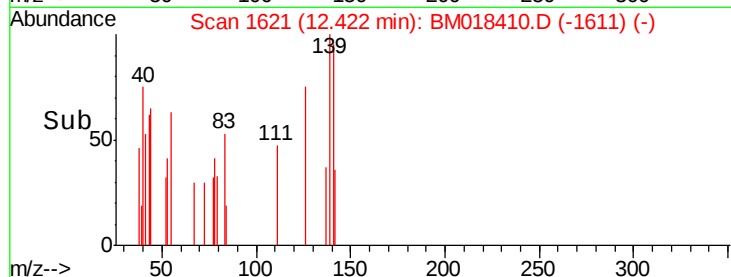
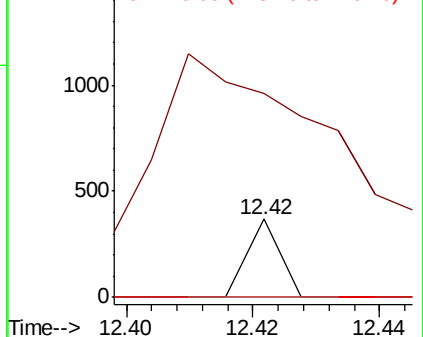
#38
1-Methylnaphthalene
Concen: 0.002 ng
RT: 12.42 min Scan# 1621
Delta R.T. -0.04 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Instrument :
BNA_M
ClientSampleId :
381204157-6

Tgt Ion:142 Resp: 130
Ion Ratio Lower Upper
142 100
141 261.0 75.6 113.4#
116 0.0 3.0 4.6#

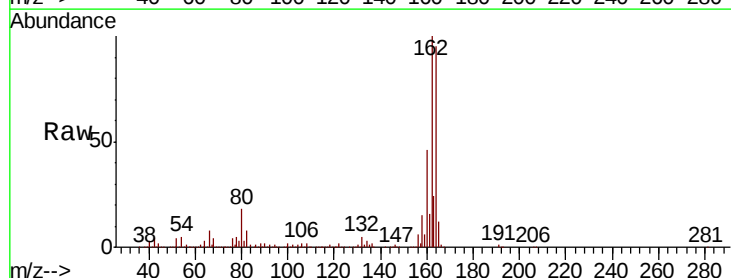


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

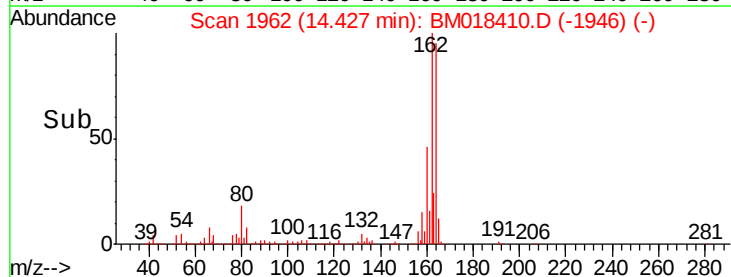
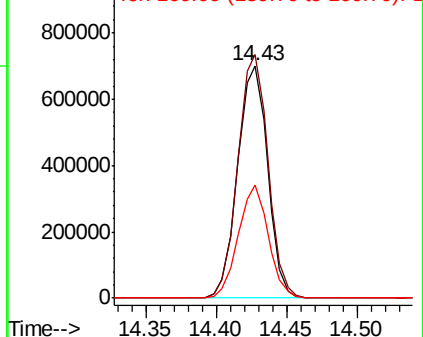


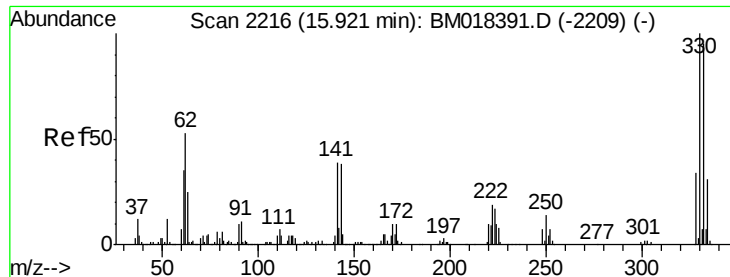
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Tgt Ion:164 Resp: 1037095
Ion Ratio Lower Upper
164 100
162 104.9 83.0 124.4
160 48.6 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

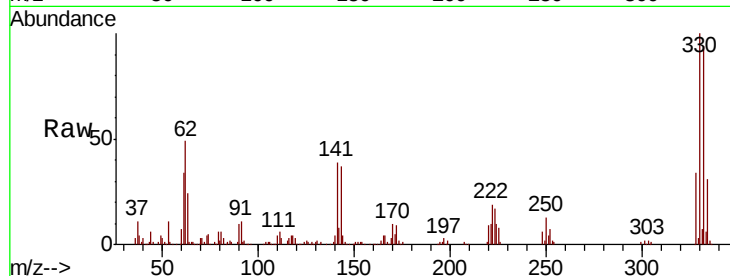




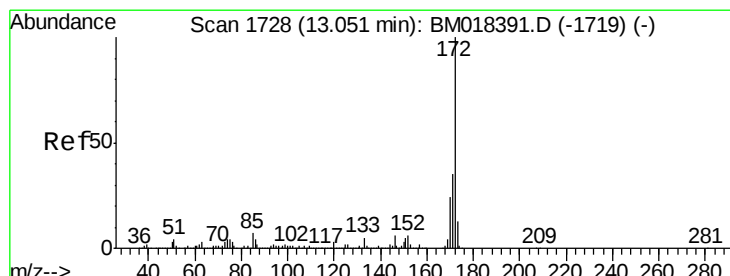
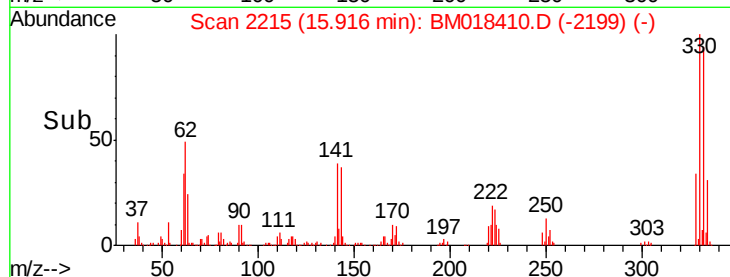
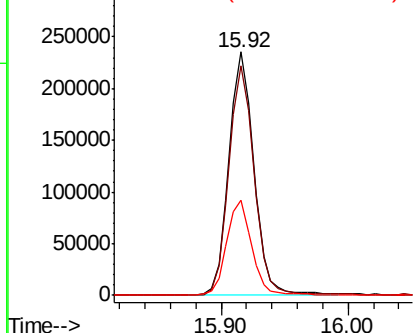
#42
 2,4,6-Tribromophenol
 Concen: 24.498 ng
 RT: 15.92 min Scan# 2215
 Delta R.T. -0.01 min
 Lab File: BM018410.D
 Acq: 27 Dec 2018 23:28

Instrument :
 BNA_M
 ClientSampleId :
 381204157-6

Tgt Ion:330 Resp: 322816
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.6 116.4
 141 39.1 31.7 47.5

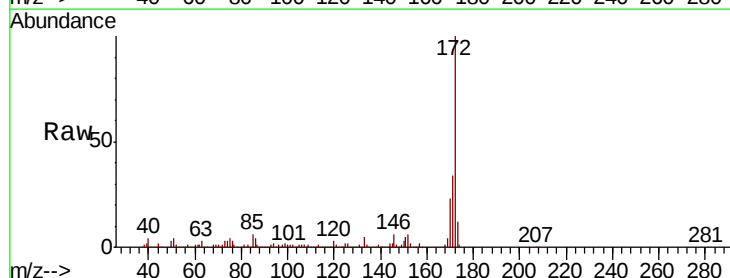


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

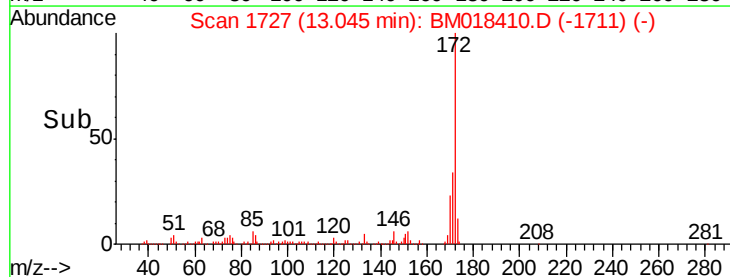
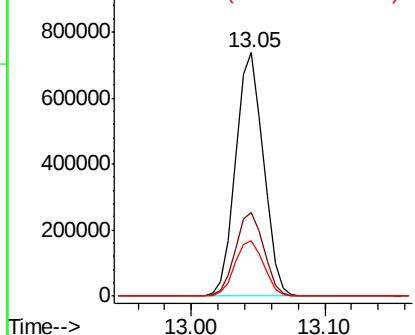


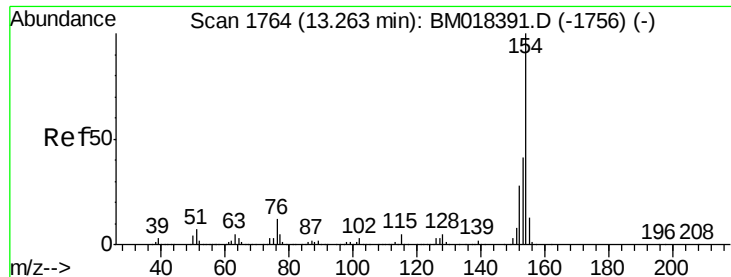
#45
 2-Fluorobiphenyl
 Concen: 13.968 ng
 RT: 13.05 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BM018410.D
 Acq: 27 Dec 2018 23:28

Tgt Ion:172 Resp: 1069550
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.2 42.4
 170 22.6 18.9 28.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

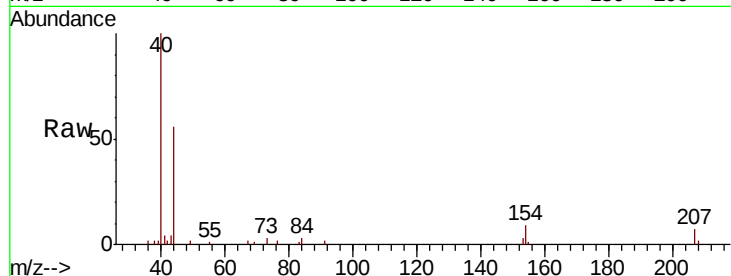




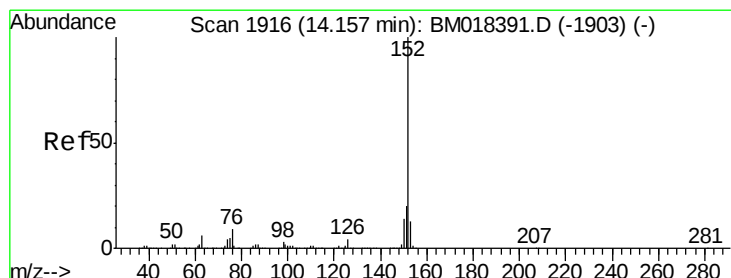
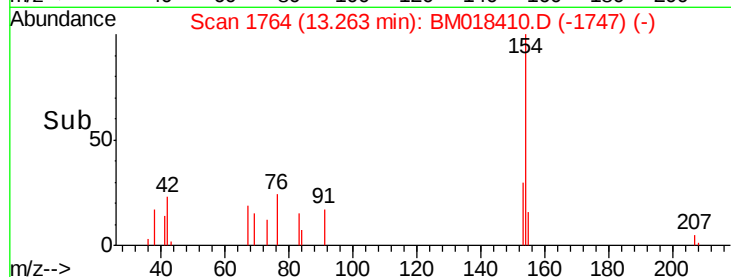
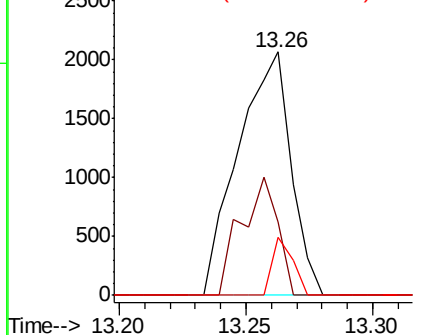
#46
 1,1'-Biphenyl
 Concen: 0.034 ng
 RT: 13.26 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: BM018410.D
 Acq: 27 Dec 2018 23:28

Instrument :
 BNA_M
 ClientSampled :
 381204157-6

Tgt Ion:	154	Resp:	3007
Ion	Ratio	Lower	Upper
154	100		
153	30.4	20.5	60.5
76	23.7	0.0	31.9

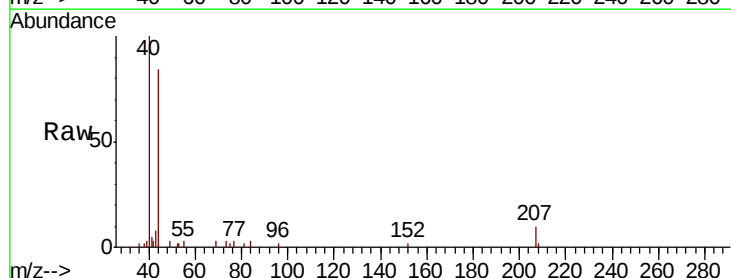


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

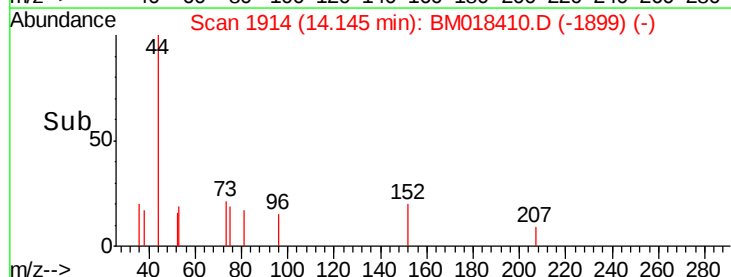
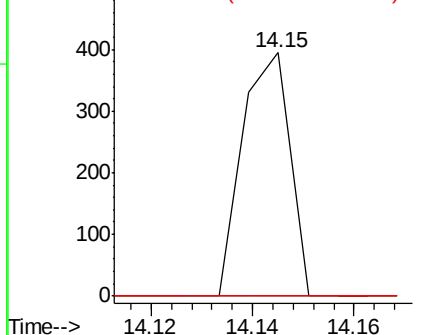


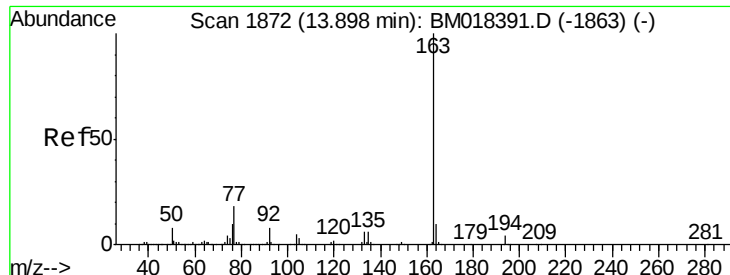
#49
 Acenaphthylene
 Concen: 0.002 ng
 RT: 14.15 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: BM018410.D
 Acq: 27 Dec 2018 23:28

Tgt Ion:	152	Resp:	256
Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.7	23.5#
153	0.0	10.5	15.7#



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E





#50

Dimethylphthalate

Concen: 0.010 ng

RT: 13.89 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BM018410.D

Acq: 27 Dec 2018 23:28

Instrument :

BNA_M

ClientSampleId :

381204157-6

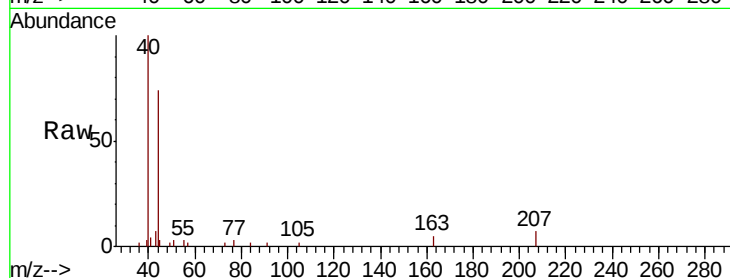
Tgt Ion:163 Resp: 848

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.6#

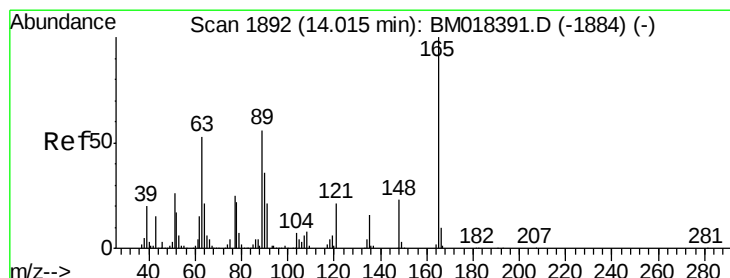
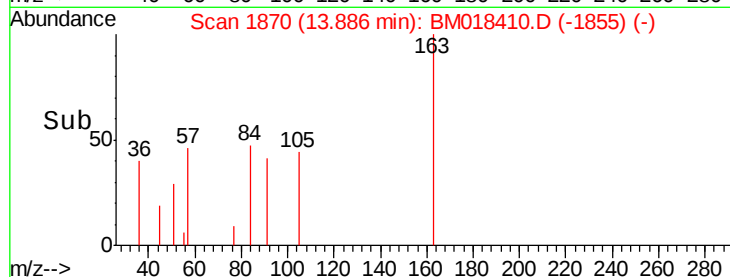
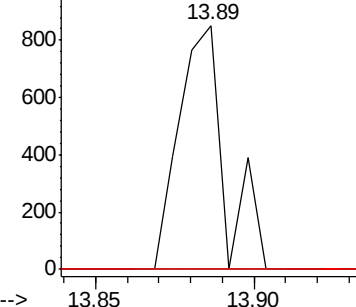
164 0.0 7.8 11.8#



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: 0.053 ng

RT: 13.95 min Scan# 1881

Delta R.T. -0.06 min

Lab File: BM018410.D

Acq: 27 Dec 2018 23:28

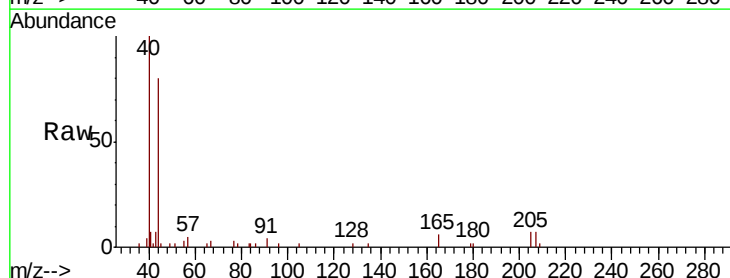
Tgt Ion:165 Resp: 968

Ion Ratio Lower Upper

165 100

63 0.0 45.6 68.4#

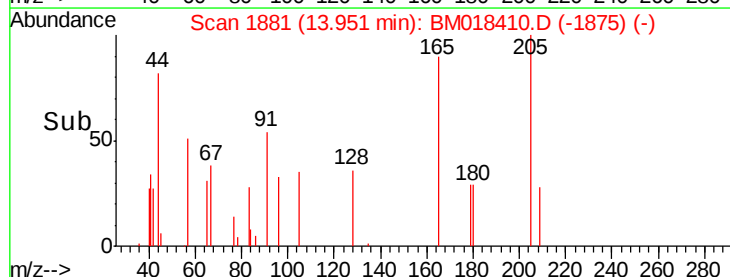
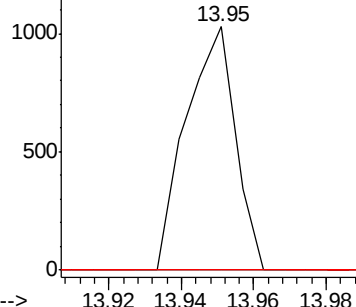
89 0.0 44.6 66.8#

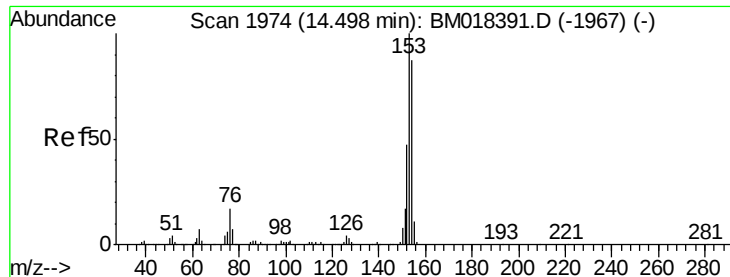


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#52

Acenaphthene

Concen: 0.066 ng

RT: 14.42 min Scan# 1961

Delta R.T. -0.08 min

Lab File: BM018410.D

Acq: 27 Dec 2018 23:28

Instrument :

BNA_M

ClientSampleId :

381204157-6

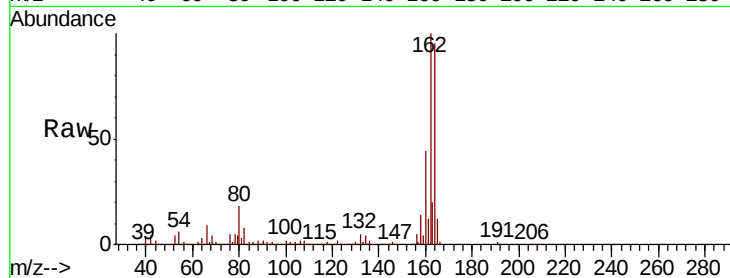
Tgt Ion:154 Resp: 4142

Ion Ratio Lower Upper

154 100

153 0.0 92.3 138.5#

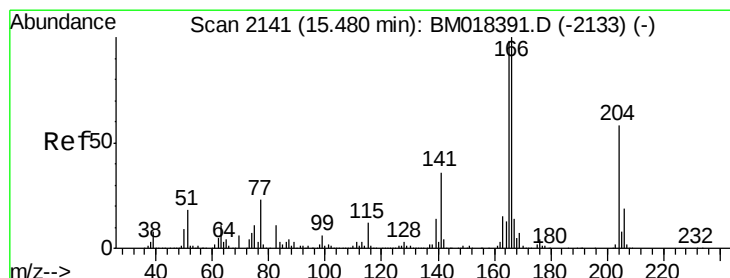
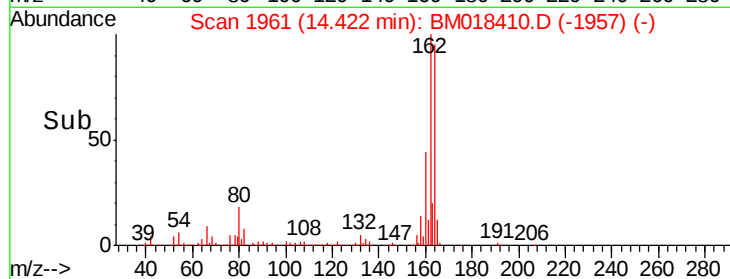
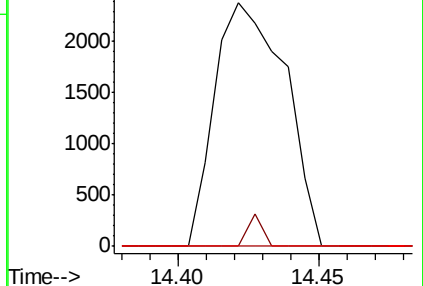
152 0.0 43.8 65.6#



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: 0.013 ng

RT: 15.46 min Scan# 2138

Delta R.T. -0.02 min

Lab File: BM018410.D

Acq: 27 Dec 2018 23:28

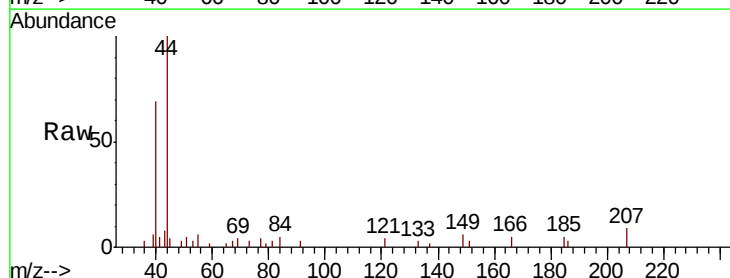
Tgt Ion:166 Resp: 1066

Ion Ratio Lower Upper

166 100

165 0.0 78.3 117.5#

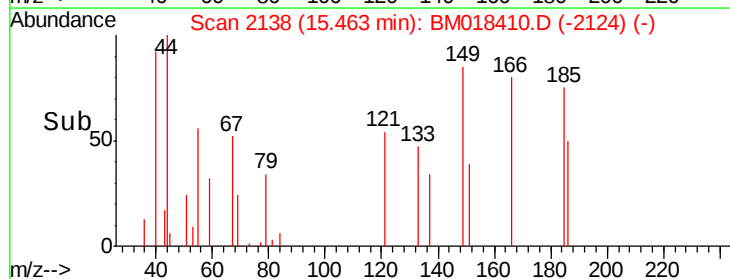
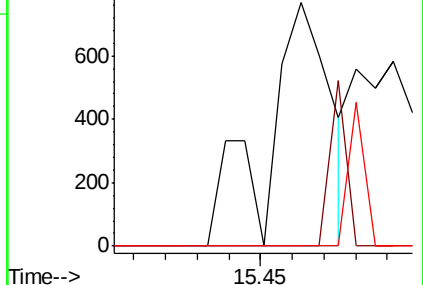
167 0.0 10.9 16.3#

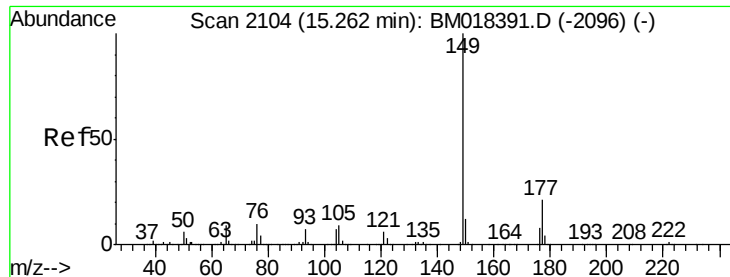


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

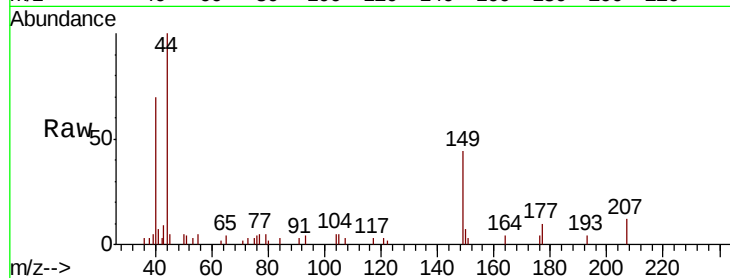




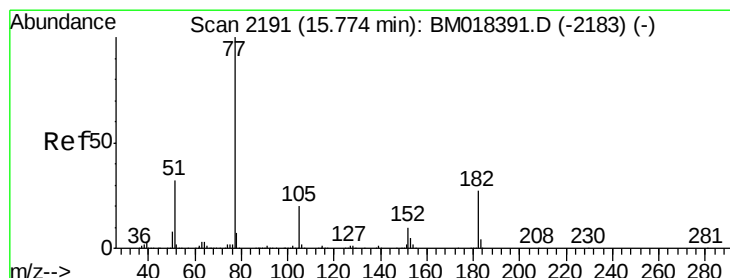
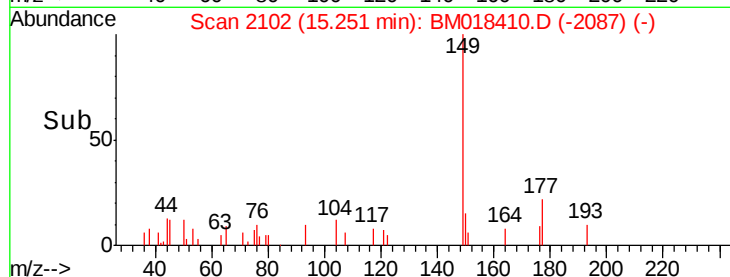
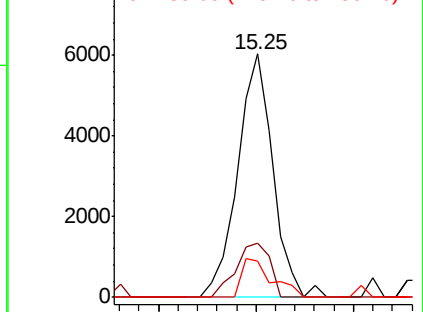
#60
Diethylphthalate
Concen: 0.083 ng
RT: 15.25 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Instrument :
BNA_M
ClientSampleId :
381204157-6

Tgt Ion: 149 Resp: 7538
Ion Ratio Lower Upper
149 100
177 22.0 17.1 25.7
150 15.1 9.8 14.6#

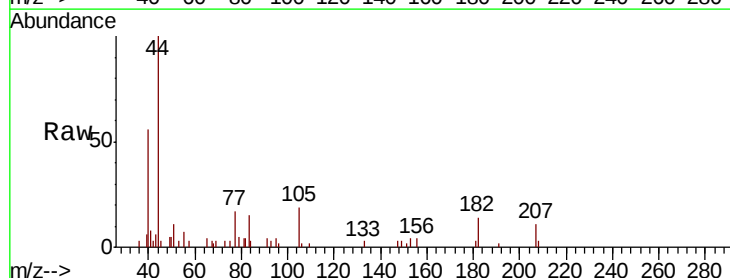


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

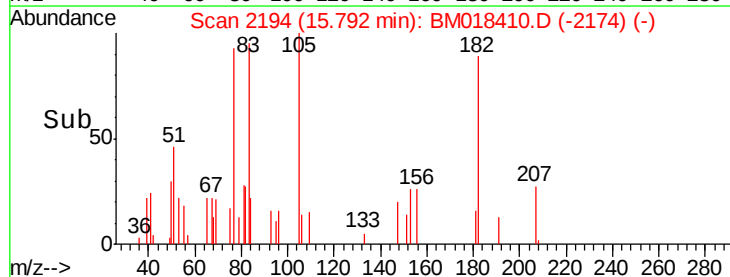
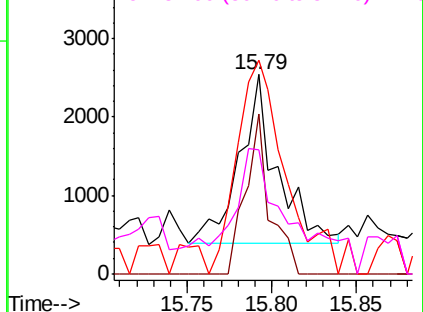


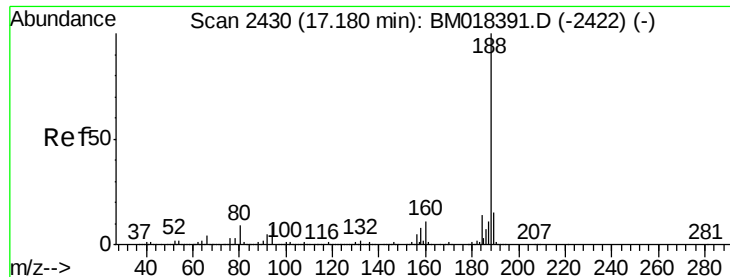
#63
Azobenzene
Concen: 0.040 ng
RT: 15.79 min Scan# 2194
Delta R.T. 0.02 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Tgt Ion: 77 Resp: 3318
Ion Ratio Lower Upper
77 100
182 80.3 7.4 47.4#
105 107.1 0.0 39.6#
51 62.1 12.0 52.0#



Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BM0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.17 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BM018410.D

Acq: 27 Dec 2018 23:28

Instrument :

BNA_M

ClientSampleId :

381204157-6

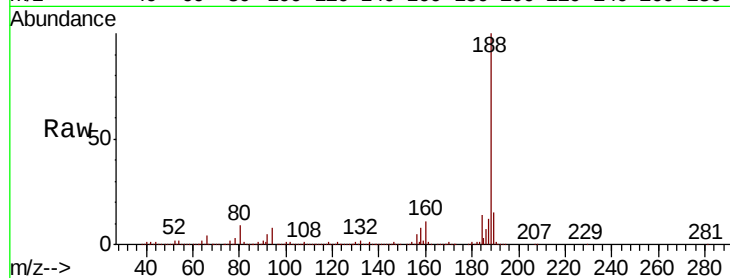
Tgt Ion:188 Resp: 2408938

Ion Ratio Lower Upper

188 100

94 8.4 7.1 10.7

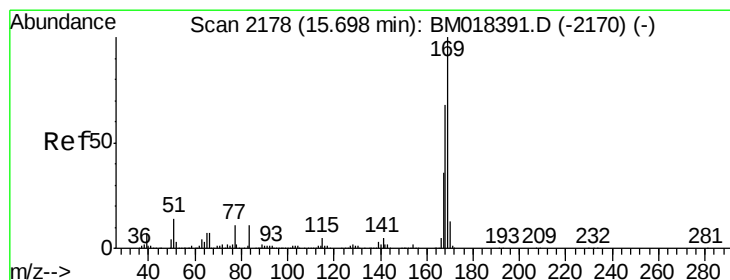
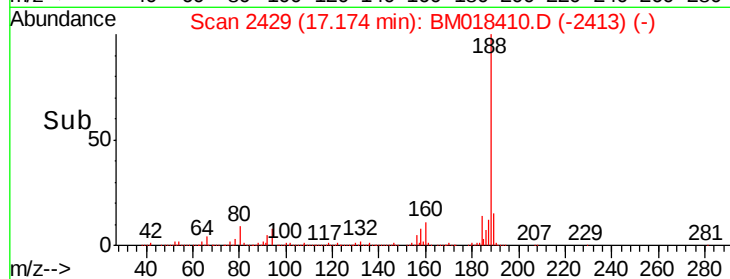
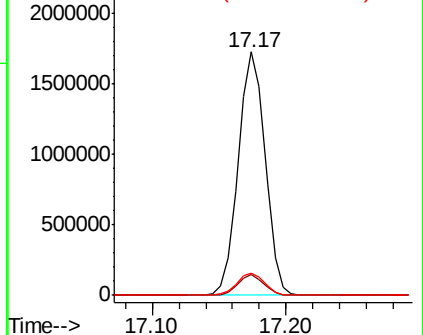
80 9.3 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#66

n-Nitrosodiphenylamine

Concen: 0.003 ng

RT: 15.69 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BM018410.D

Acq: 27 Dec 2018 23:28

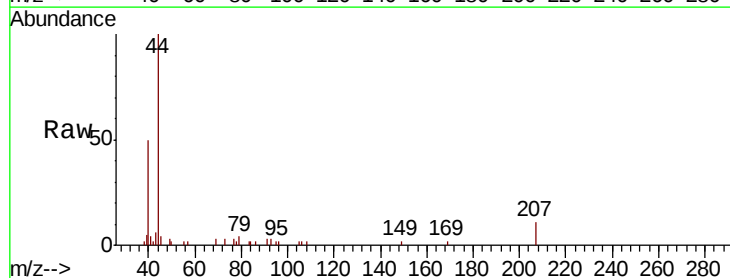
Tgt Ion:169 Resp: 220

Ion Ratio Lower Upper

169 100

168 0.0 54.1 81.1#

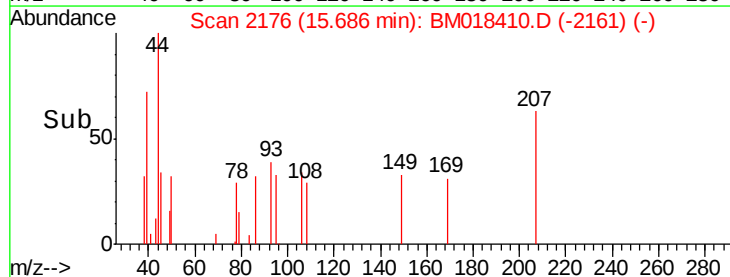
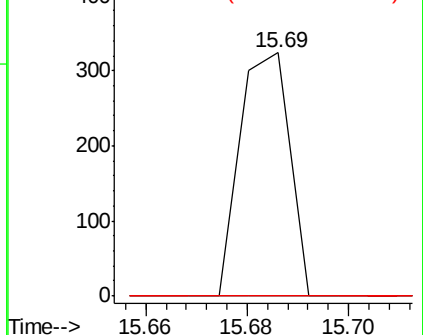
167 0.0 28.6 42.8#

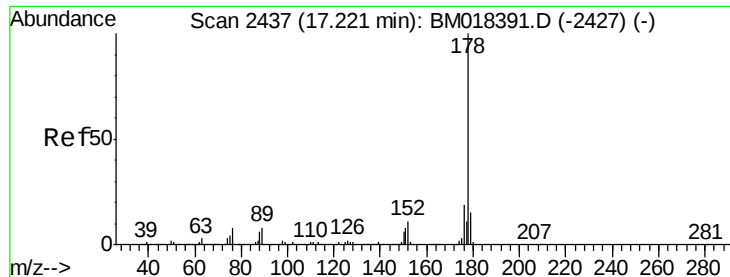


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

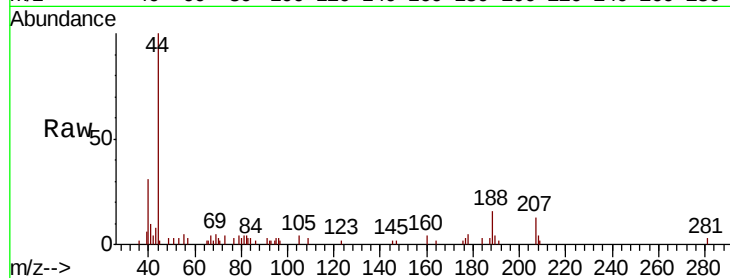




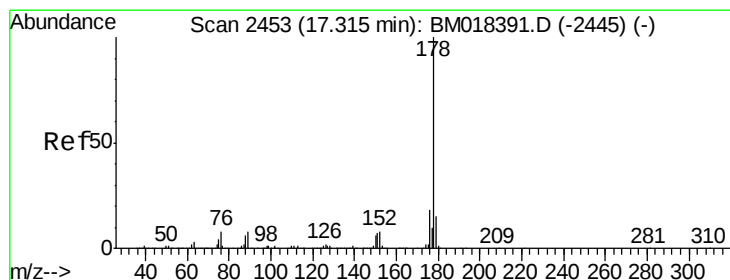
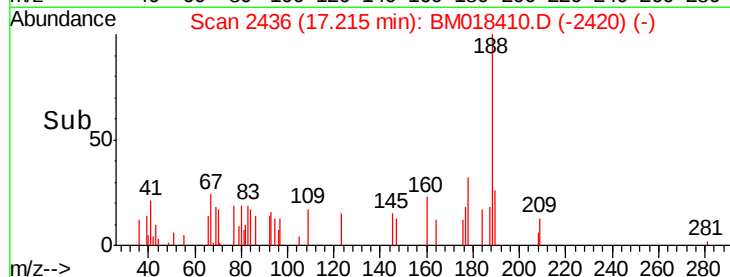
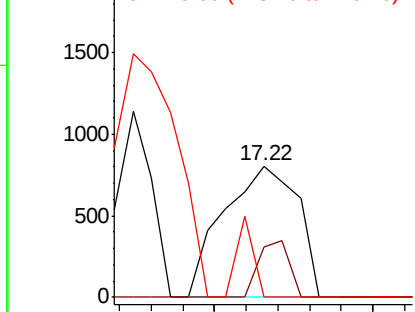
#71
Phenanthrene
Concen: 0.010 ng
RT: 17.22 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Instrument :
BNA_M
ClientSampleId :
381204157-6

Tgt Ion:178 Resp: 1311
Ion Ratio Lower Upper
178 100
176 37.9 15.4 23.0#
179 0.0 12.2 18.4#

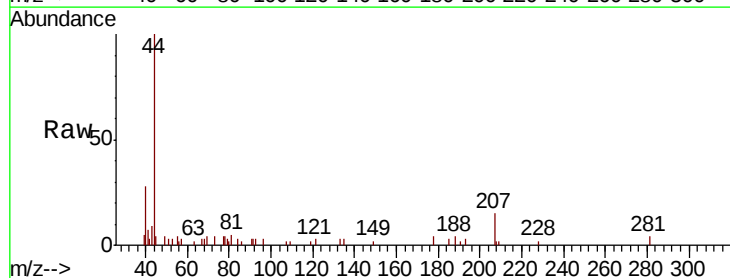


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

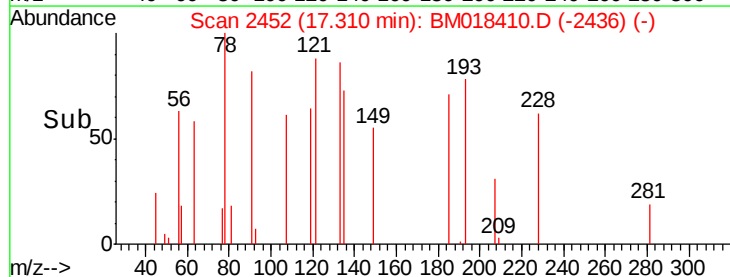
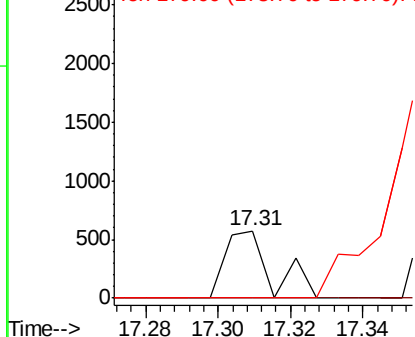


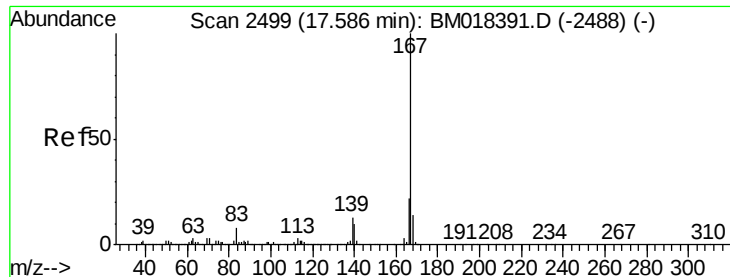
#72
Anthracene
Concen: 0.004 ng
RT: 17.31 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Tgt Ion:178 Resp: 513
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: 0.004 ng

RT: 17.58 min Scan# 2498

Delta R.T. -0.01 min

Lab File: BM018410.D

Acq: 27 Dec 2018 23:28

Instrument :

BNA_M

ClientSampleId :

381204157-6

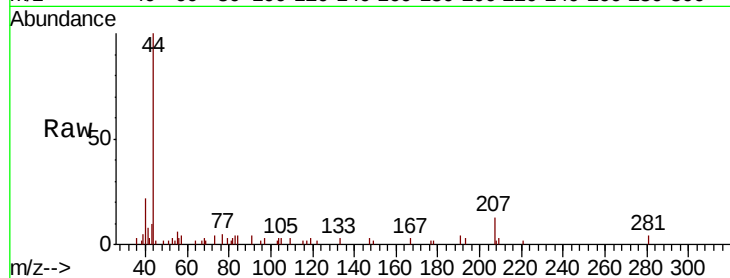
Tgt Ion:167 Resp: 551

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

17.58

400

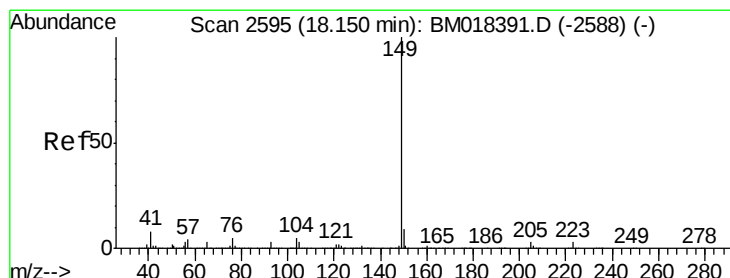
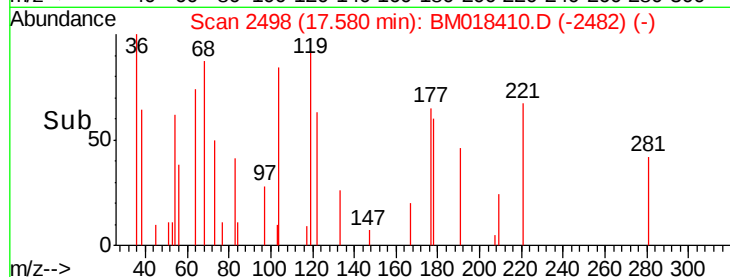
200

0

17.55

17.60

Time-->



#74

Di-n-butylphthalate

Concen: 0.082 ng

RT: 18.14 min Scan# 2594

Delta R.T. -0.01 min

Lab File: BM018410.D

Acq: 27 Dec 2018 23:28

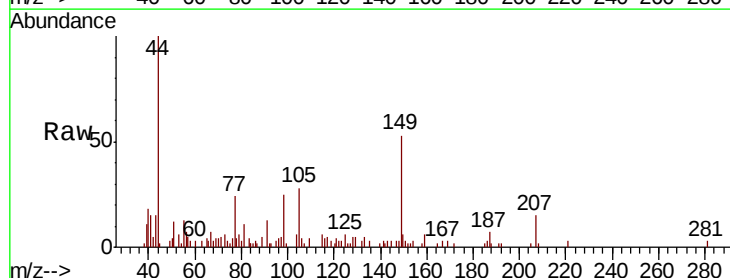
Tgt Ion:149 Resp: 12491

Ion Ratio Lower Upper

149 100

150 10.9 7.3 10.9

104 10.7 4.2 6.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.14

12000

10000

8000

6000

4000

2000

0

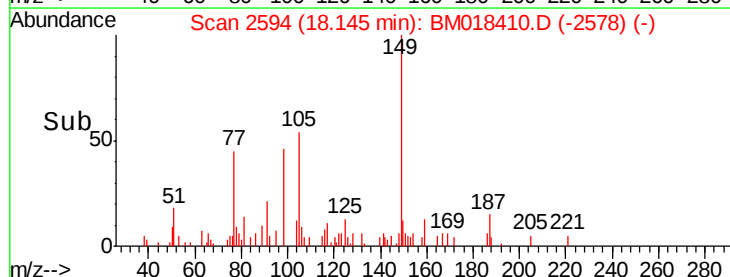
18.05

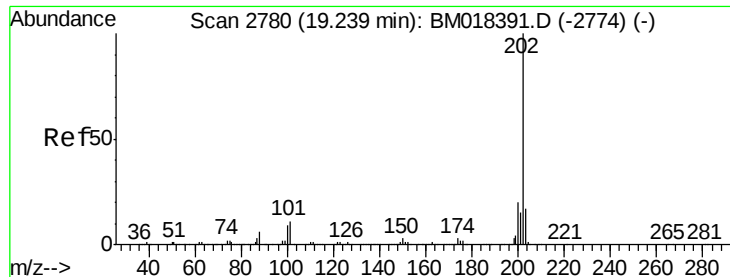
18.10

18.15

18.20

Time-->





#75

Fluoranthene

Concen: 0.011 ng

RT: 19.23 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BM018410.D

Acq: 27 Dec 2018 23:28

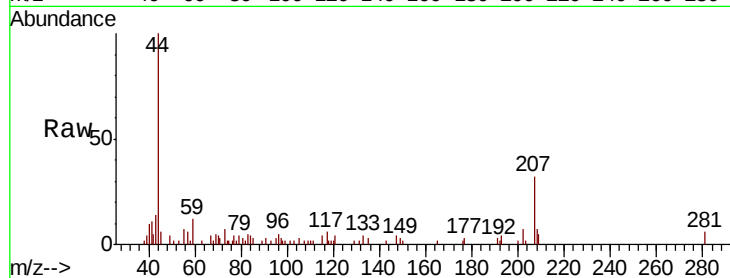
Instrument :

BNA_M

ClientSampleId :

381204157-6

Tgt Ion:	202	Resp:	1690
Ion	Ratio	Lower	Upper
202	100		
101	24.3	0.0	30.9
203	25.0	0.0	37.4

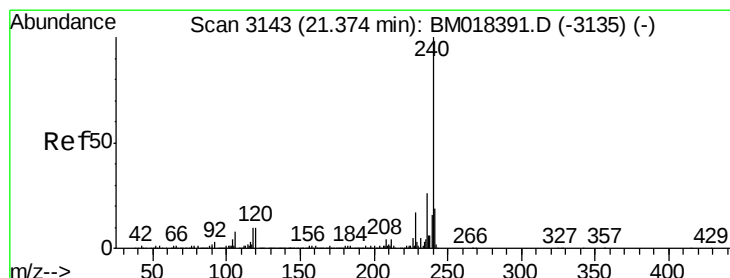
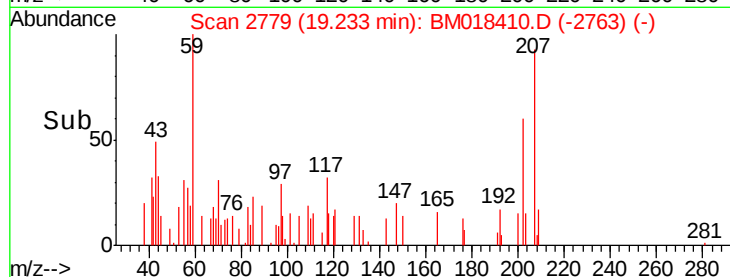
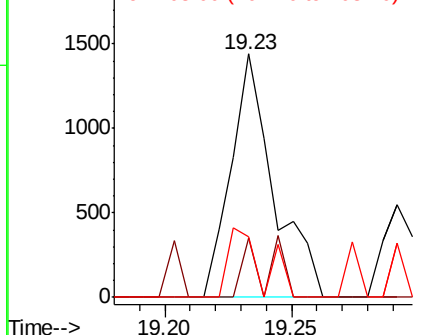


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

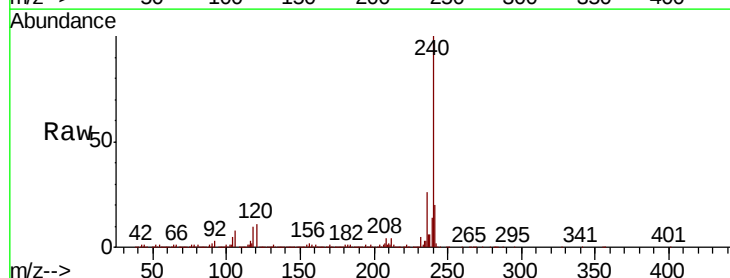
RT: 21.36 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BM018410.D

Acq: 27 Dec 2018 23:28

Tgt Ion:	240	Resp:	2637302
Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.4	12.6
236	26.1	20.7	31.1

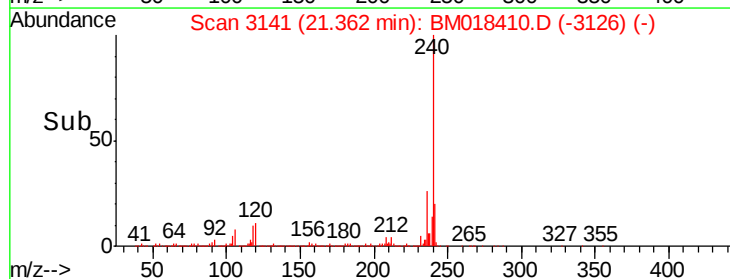
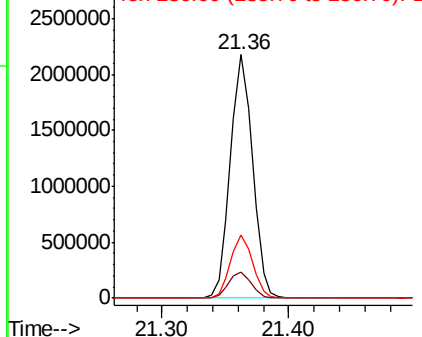


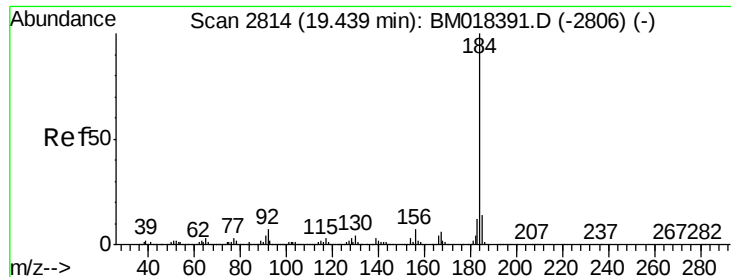
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.007 ng

RT: 19.43 min Scan# 2812

Delta R.T. -0.01 min

Lab File: BM018410.D

Acq: 27 Dec 2018 23:28

Instrument :

BNA_M

ClientSampleId :

381204157-6

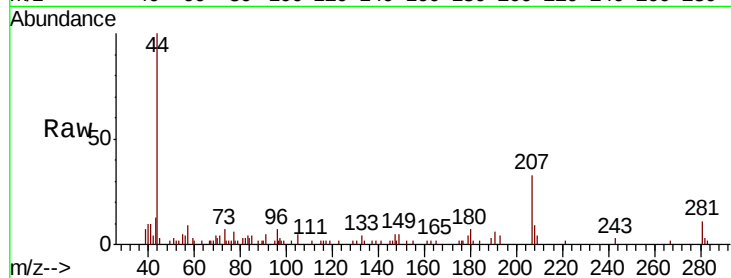
Tgt Ion:184 Resp: 565

Ion Ratio Lower Upper

184 100

185 0.0 11.4 17.0#

183 0.0 9.5 14.3#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

800

600

400

200

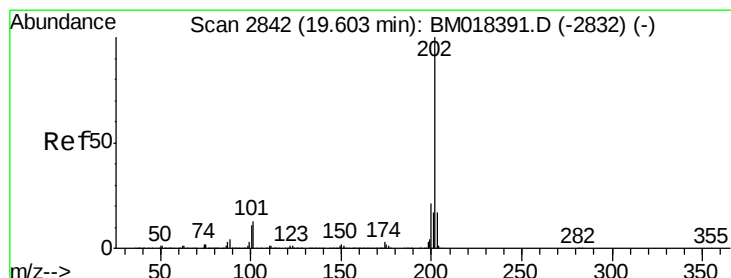
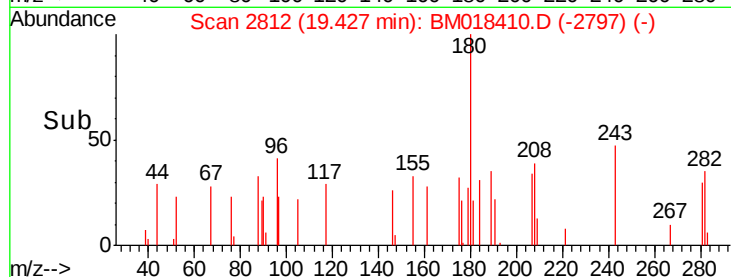
0

19.40

19.43

19.45

Time-->



#78

Pyrene

Concen: 0.012 ng

RT: 19.60 min Scan# 2842

Delta R.T. 0.00 min

Lab File: BM018410.D

Acq: 27 Dec 2018 23:28

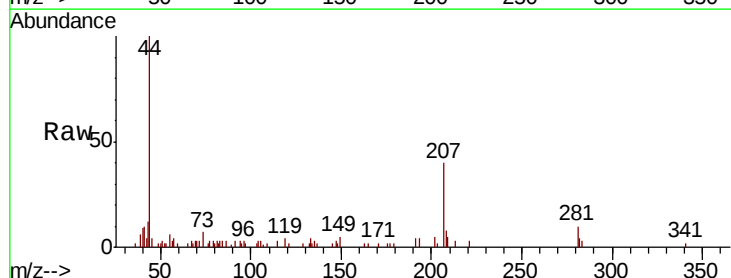
Tgt Ion:202 Resp: 1896

Ion Ratio Lower Upper

202 100

200 0.0 16.6 24.8#

203 36.9 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

1000

500

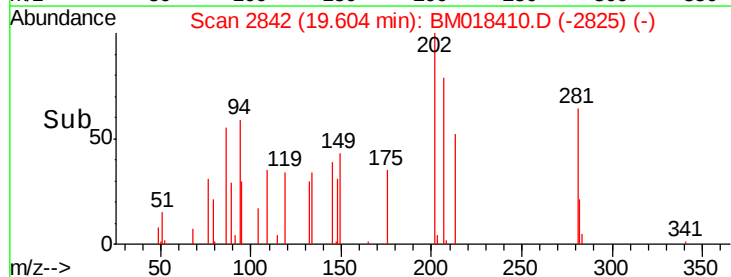
0

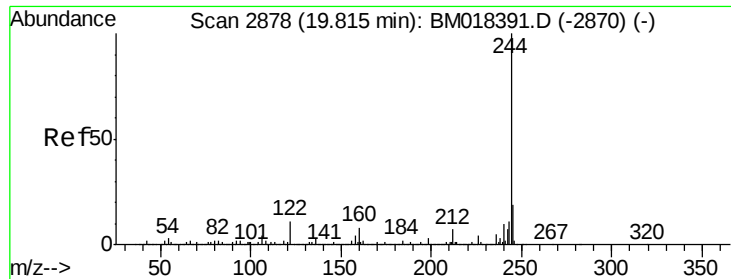
19.55

19.60

19.65

Time-->





#79

Terphenyl-d14

Concen: 29.459 ng

RT: 19.80 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BM018410.D

Acq: 27 Dec 2018 23:28

Instrument :

BNA_M

ClientSampleId :

381204157-6

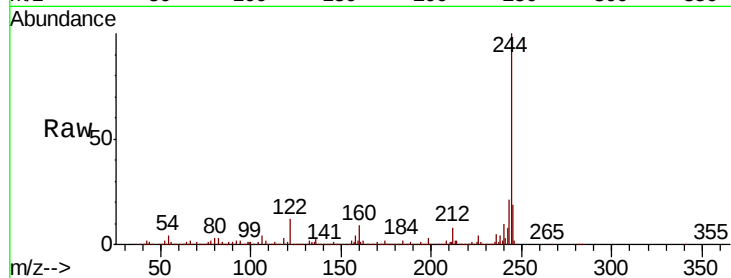
Tgt Ion:244 Resp: 3646038

Ion Ratio Lower Upper

244 100

212 8.1 5.9 8.9

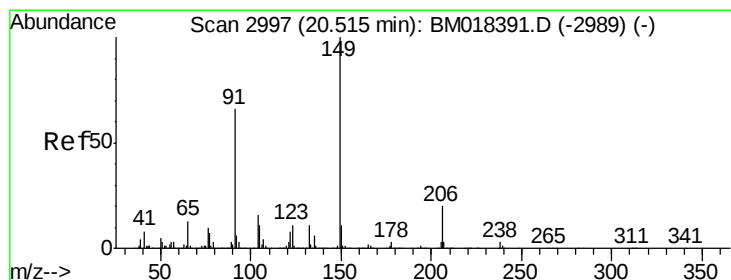
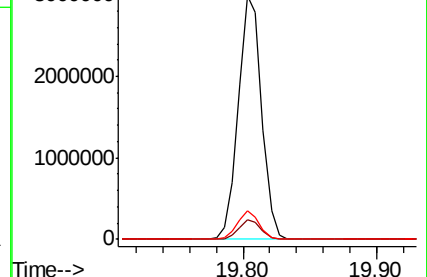
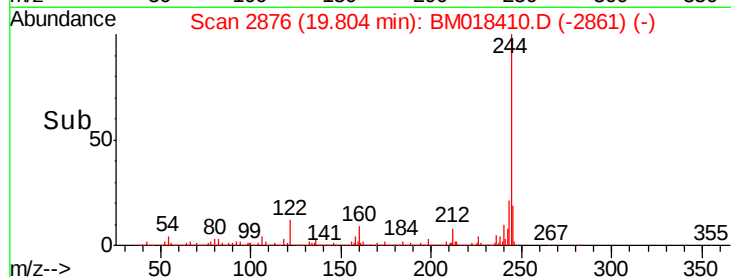
122 11.6 9.0 13.4



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: 6.656 ng

RT: 20.50 min Scan# 2995

Delta R.T. -0.01 min

Lab File: BM018410.D

Acq: 27 Dec 2018 23:28

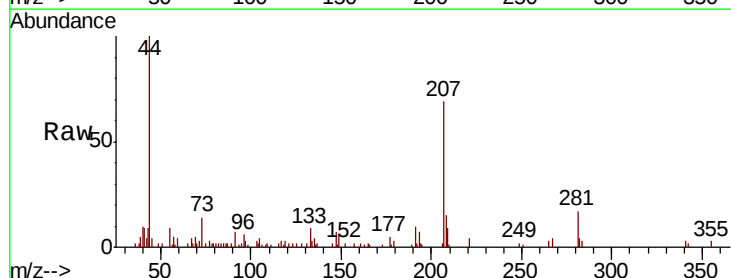
Tgt Ion:149 Resp: 1768

Ion Ratio Lower Upper

149 100

91 111.5 53.1 79.7#

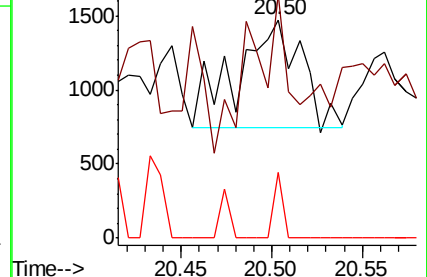
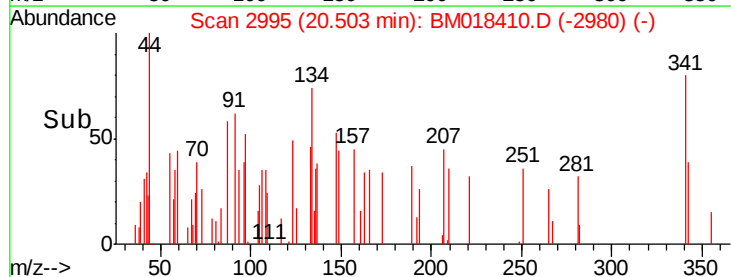
206 30.3 16.2 24.4#

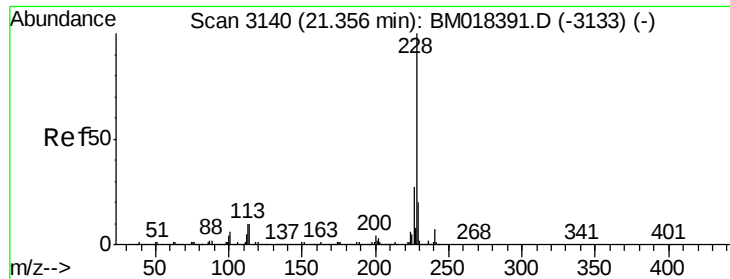


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.052 ng

RT: 21.37 min Scan# 3142

Delta R.T. 0.01 min

Lab File: BM018410.D

Acq: 27 Dec 2018 23:28

Instrument :

BNA_M

ClientSampleId :

381204157-6

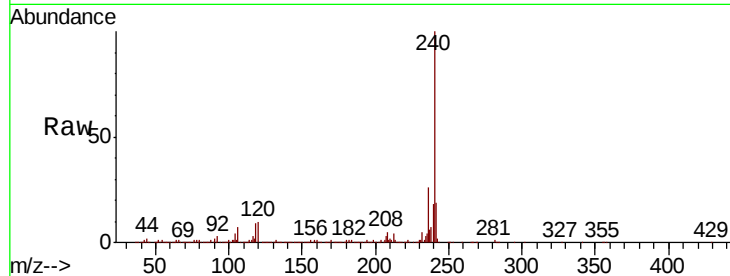
Tgt Ion:228 Resp: 8082

Ion Ratio Lower Upper

228 100

226 5.5 21.8 32.6#

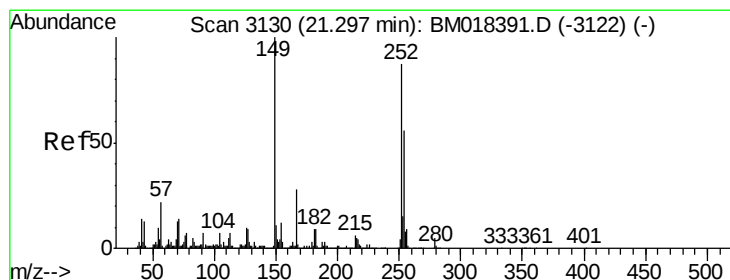
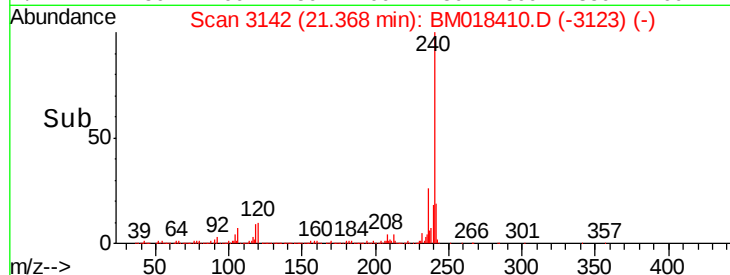
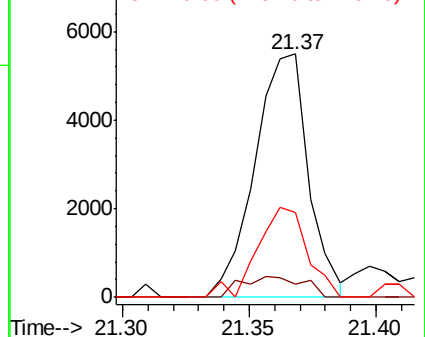
229 34.9 15.8 23.8#



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: 0.008 ng

RT: 21.28 min Scan# 3127

Delta R.T. -0.02 min

Lab File: BM018410.D

Acq: 27 Dec 2018 23:28

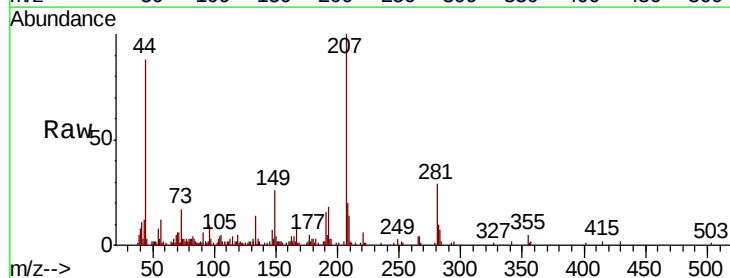
Tgt Ion:252 Resp: 487

Ion Ratio Lower Upper

252 100

254 0.0 51.4 77.0#

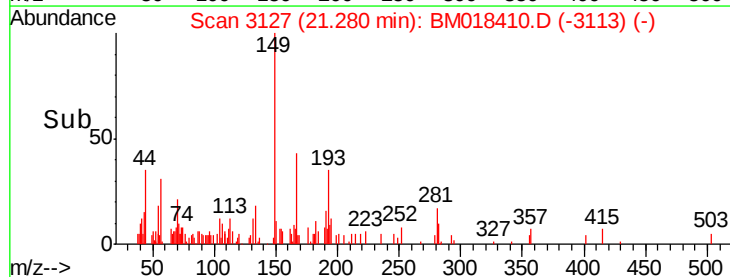
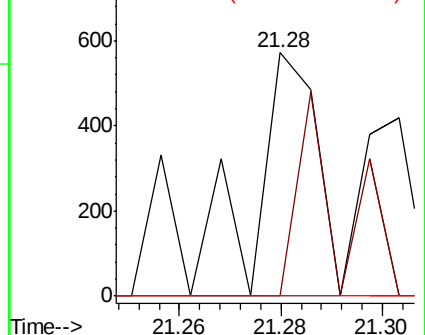
126 0.0 8.7 13.1#

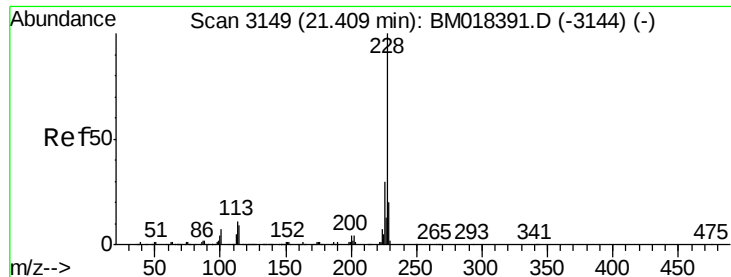


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 0.005 ng

RT: 21.40 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BM018410.D

Acq: 27 Dec 2018 23:28

Instrument :

BNA_M

ClientSampleId :

381204157-6

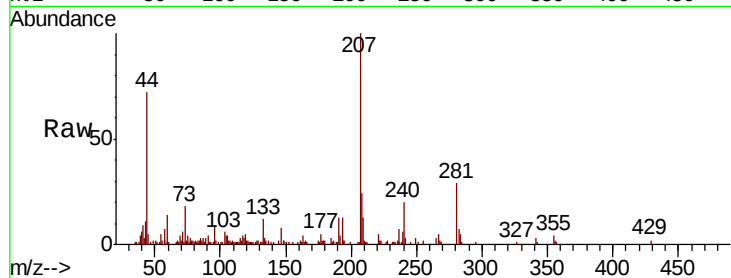
Tgt Ion:228 Resp: 747

Ion Ratio Lower Upper

228 100

226 0.0 24.2 36.2#

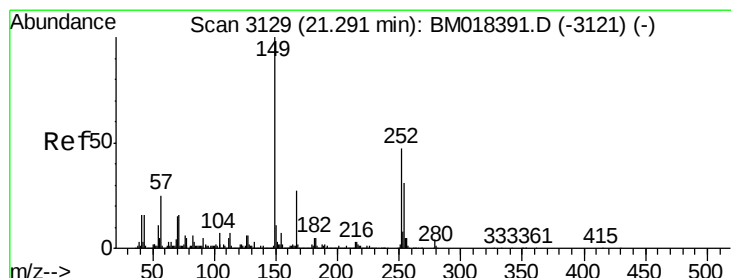
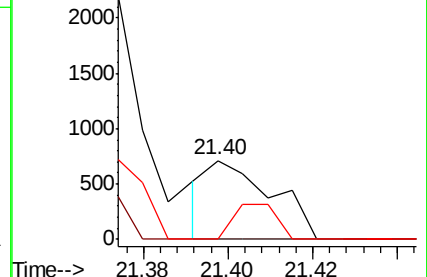
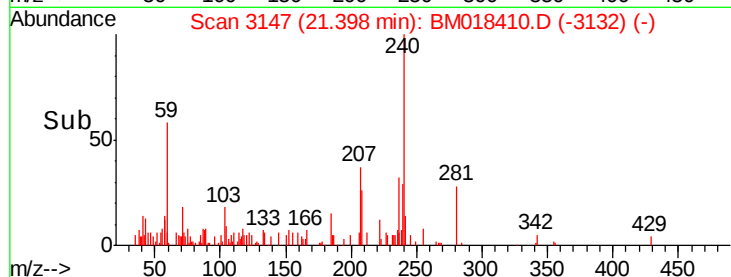
229 0.0 15.6 23.4#



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: 0.082 ng

RT: 21.28 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BM018410.D

Acq: 27 Dec 2018 23:28

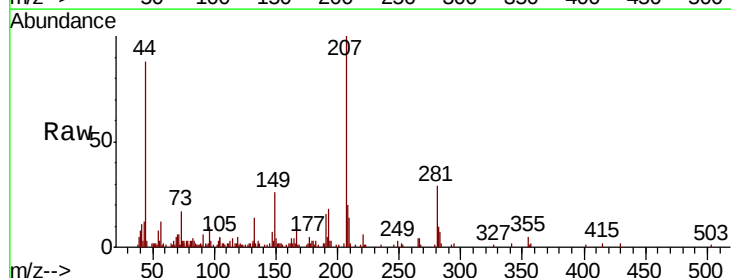
Tgt Ion:149 Resp: 8443

Ion Ratio Lower Upper

149 100

167 38.9 21.6 32.4#

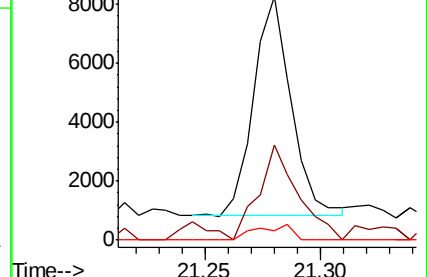
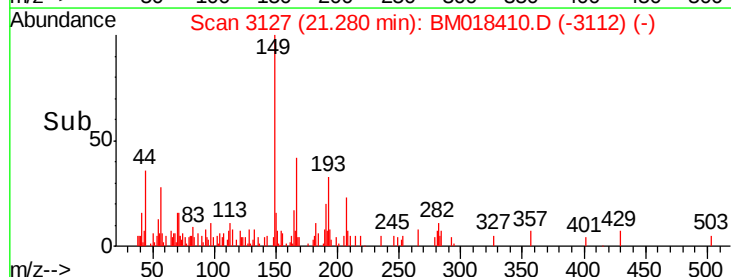
279 3.9 3.3 4.9

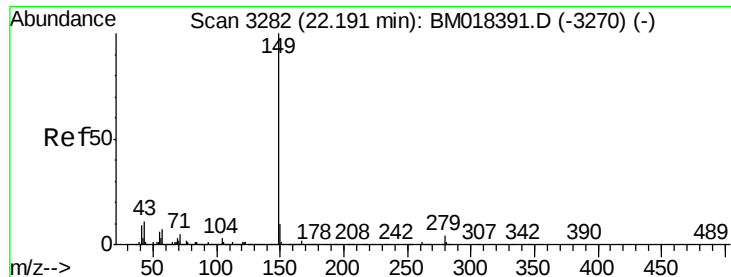


Abundance Ion 149.00 (148.70 to 149.70): E

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: BM018410.D

Acq: 27 Dec 2018 23:28

Instrument :

BNA_M

ClientSampleId :

381204157-6

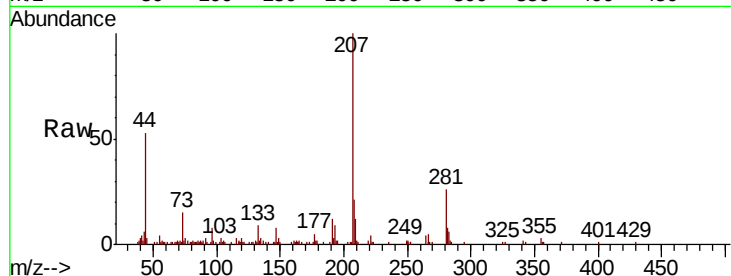
Tgt Ion:149 Resp: 606

Ion Ratio Lower Upper

149 100

167 60.9 1.3 1.9#

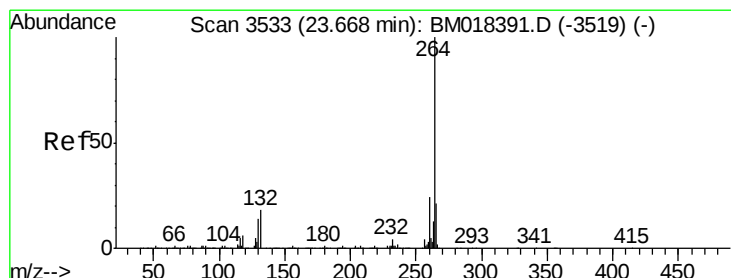
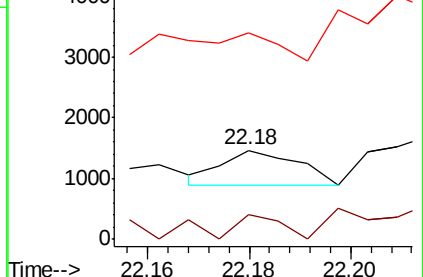
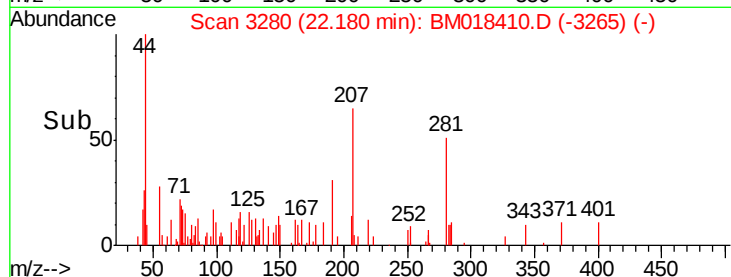
43 508.7 8.6 12.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.66 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BM018410.D

Acq: 27 Dec 2018 23:28

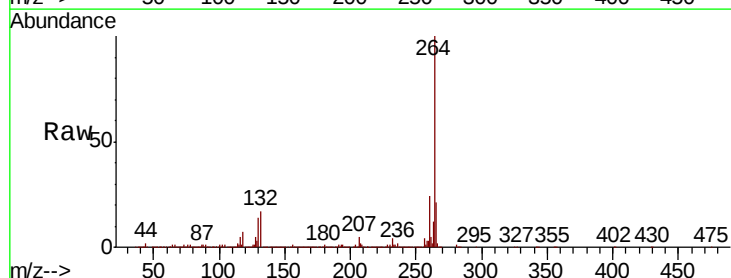
Tgt Ion:264 Resp: 2738764

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

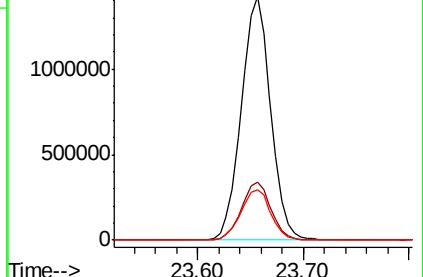
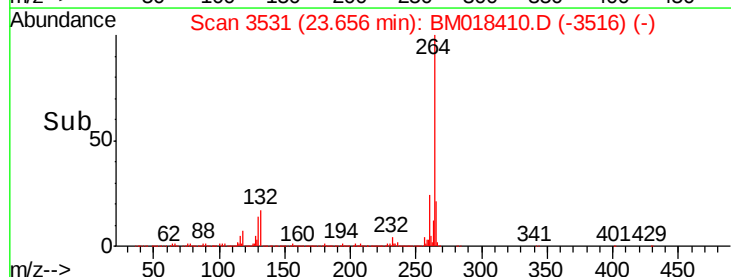
265 20.9 16.8 25.2

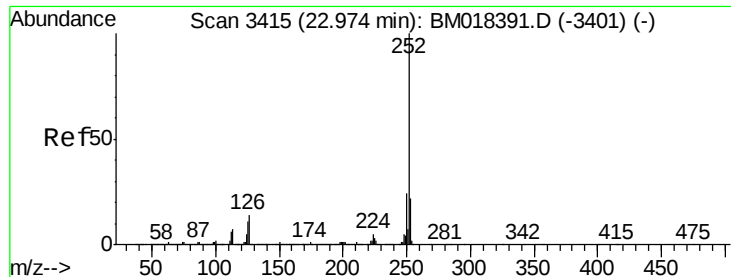


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 0.004 ng

RT: 22.95 min Scan# 3411

Delta R.T. -0.02 min

Lab File: BM018410.D

Acq: 27 Dec 2018 23:28

Instrument :

BNA_M

ClientSampleId :

381204157-6

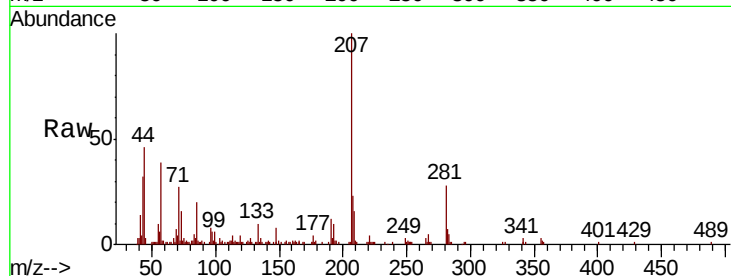
Tgt Ion:252 Resp: 541

Ion Ratio Lower Upper

252 100

253 82.8 17.6 26.4#

125 113.0 8.5 12.7#

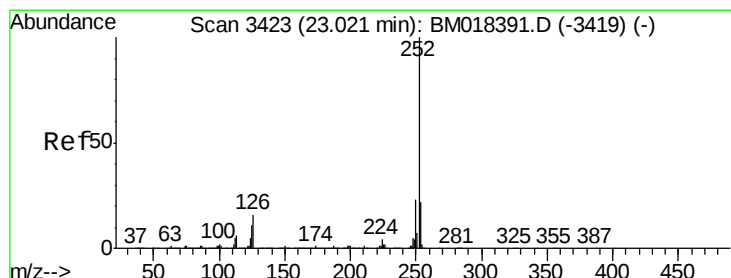
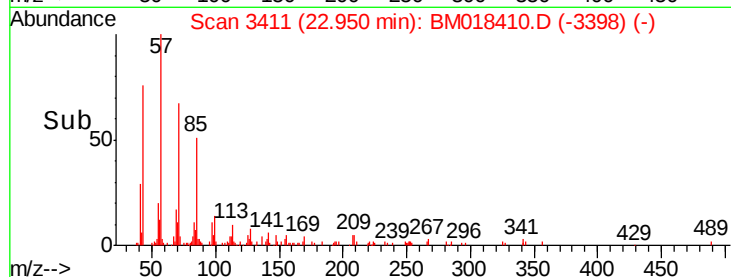
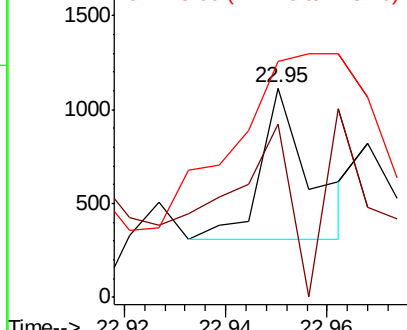


Abundance

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: 23.03 min Scan# 3424

Delta R.T. 0.01 min

Lab File: BM018410.D

Acq: 27 Dec 2018 23:28

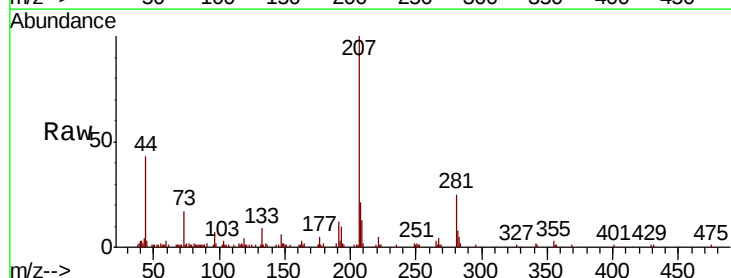
Tgt Ion:252 Resp: 277

Ion Ratio Lower Upper

252 100

253 84.7 17.4 26.0#

125 174.6 8.6 12.8#

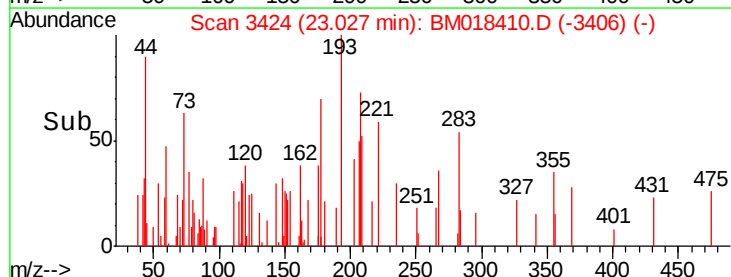
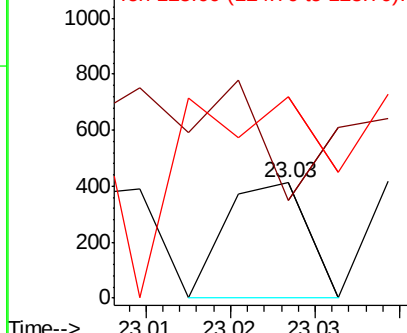


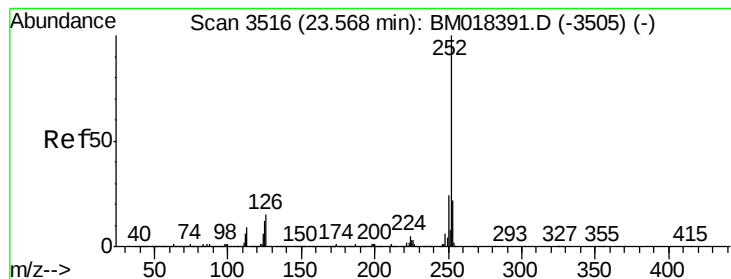
Abundance

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: 0.011 ng

RT: 23.54 min Scan# 3511

Delta R.T. -0.03 min

Lab File: BM018410.D

Acq: 27 Dec 2018 23:28

Instrument :

BNA_M

ClientSampleId :

381204157-6

Tgt Ion: 252 Resp: 1555

Ion Ratio Lower Upper

252 100

253 108.0 17.5 26.3#

125 204.6 9.7 14.5#

