

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021319\
 Data File : BM018810.D
 Acq On : 13 Feb 2019 20:11
 Operator : JU/SJ
 Sample : K1460-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-20190208

Quant Time: Feb 14 00:51:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	259837	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1055763	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	608543	20.00	ng	0.00
64) Phenanthrene-d10	17.11	188	1396874	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1613511	20.00	ng	0.00
87) Perylene-d12	23.56	264	1605221	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	2302349	145.18	ng	0.00
7) Phenol-d6	6.89	99	2892065	129.45	ng	0.00
23) Nitrobenzene-d5	8.88	82	2310194	101.18	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	1069514	121.92	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	4549850	99.25	ng	0.00
79) Terphenyl-d14	19.74	244	8070394	103.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.25	88	317	0.046	ng	# 1
3) Pyridine	3.65	79	436	0.023	ng	# 1
4) n-Nitrosodimethylamine	3.58	42	267	0.056	ng	# 1
8) 2-Chlorophenol	7.27	128	800	0.046	ng	# 1
9) Benzaldehyde	6.89	77	8577	Below Cal		# 20
10) Phenol	6.92	94	12678	0.539	ng	# 62
15) Benzyl Alcohol	7.97	79	8591	0.484	ng	# 84
16) 2,2'-oxybis(1-Chloropropan	8.26	45	409	0.024	ng	# 1
19) n-Nitroso-di-n-propylamine	8.45	70	761	0.044	ng	# 7
22) Acetophenone	8.55	105	3252	0.112	ng	# 66
24) Nitrobenzene	8.92	77	466	0.020	ng	# 44
25) Isophorone	9.45	82	2276	0.062	ng	# 68
31) Naphthalene	10.55	128	1728	0.034	ng	# 68
32) Benzoic acid	9.84	122	338	0.028	ng	# 40
36) 4-Chloro-3-methylphenol	11.85	107	8014	0.420	ng	# 21
37) 2-Methylnaphthalene	12.17	142	305	0.008	ng	# 69
38) 1-Methylnaphthalene	12.40	142	132	0.004	ng	# 88
46) 1,1'-Biphenyl	13.19	154	7596	0.145	ng	# 92
50) Dimethylphthalate	13.83	163	1933	0.038	ng	# 78
51) 2,6-Dinitrotoluene	13.87	165	606	0.055	ng	# 20
52) Acenaphthene	14.36	154	2329	0.063	ng	# 4
60) Diethylphthalate	15.19	149	5771	0.110	ng	# 95
63) Azobenzene	15.69	77	274	0.005	ng	# 57
71) Phenanthrene	17.16	178	1193	0.016	ng	# 60
72) Anthracene	17.24	178	117	0.002	ng	# 61
74) Di-n-butylphthalate	18.07	149	6385	0.073	ng	# 87
75) Fluoranthene	19.19	202	537	0.006	ng	# 64
77) Benzidine	19.36	184	155	0.004	ng	# 1
78) Pyrene	19.54	202	603	0.006	ng	# 57
80) Butylbenzylphthalate	20.44	149	2828	0.066	ng	# 92
81) Benzo(a)anthracene	21.31	228	4907	0.052	ng	# 57
82) 3,3'-Dichlorobenzidine	21.22	252	110	0.003	ng	# 1
83) Chrysene	21.34	228	770	0.009	ng	# 49
84) Bis(2-ethylhexyl)phthalate	21.21	149	5186	0.083	ng	# 95

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QLast Update : Mon Feb 11 16:02:12 2019
Response via : Initial Calibration

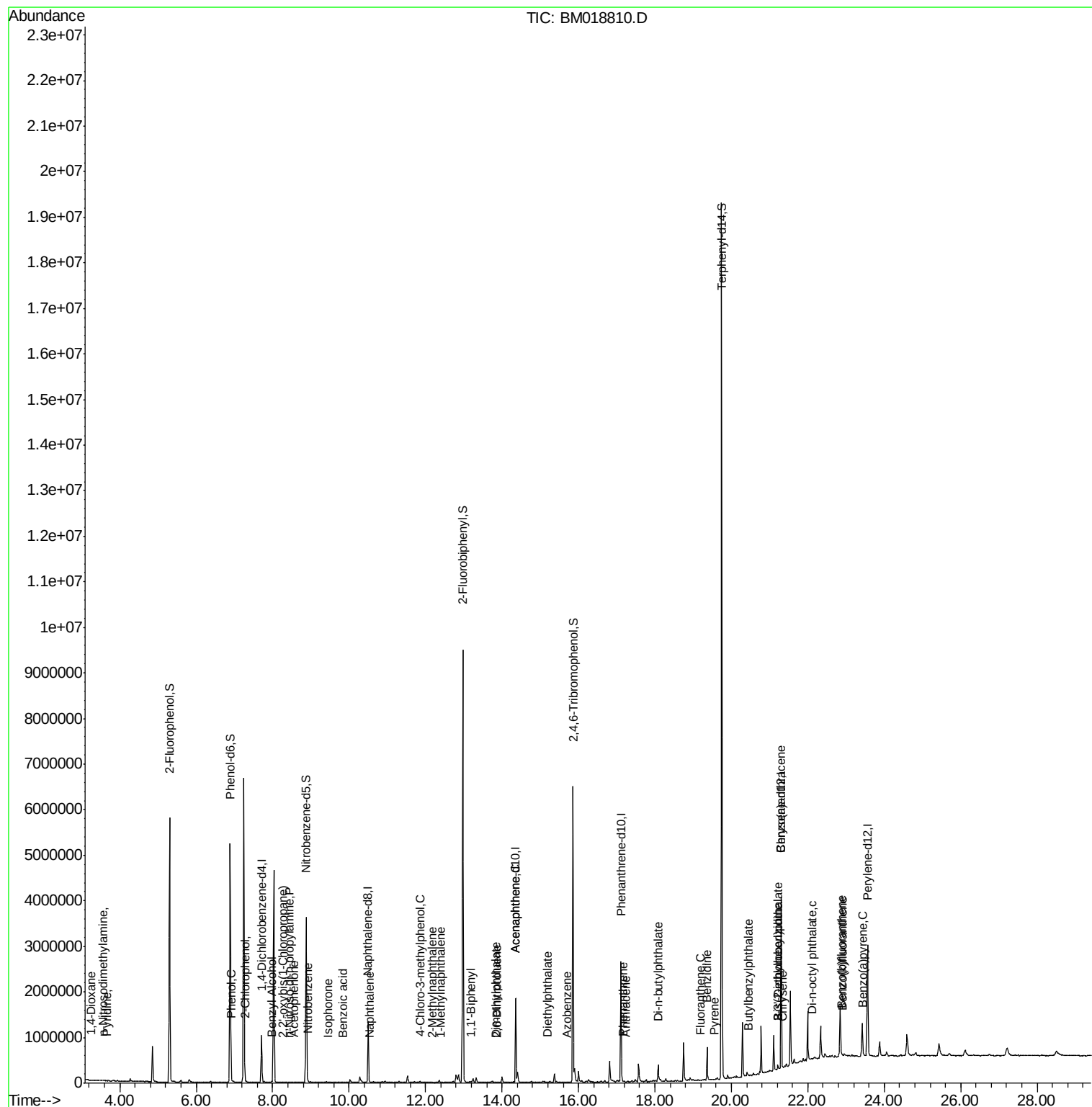
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) Di-n-octyl phthalate	22.10	149	672	0.006	ng	# 61
88) Benzo(b)fluoranthene	22.89	252	601	0.007	ng	# 1
89) Benzo(k)fluoranthene	22.92	252	322	0.004	ng	# 1
90) Benzo(a)pyrene	23.46	252	205	0.002	ng	# 1

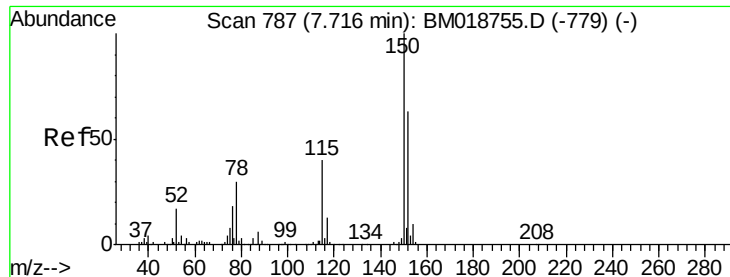
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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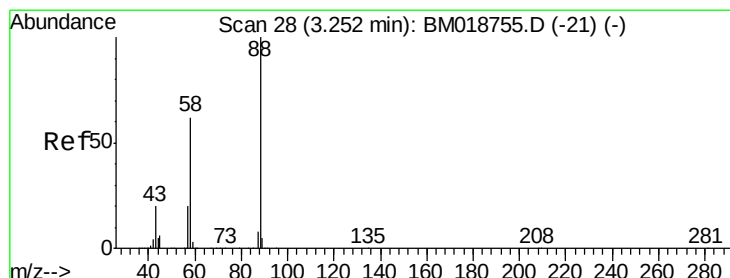
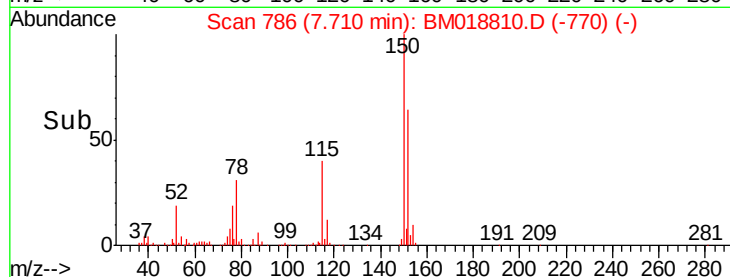
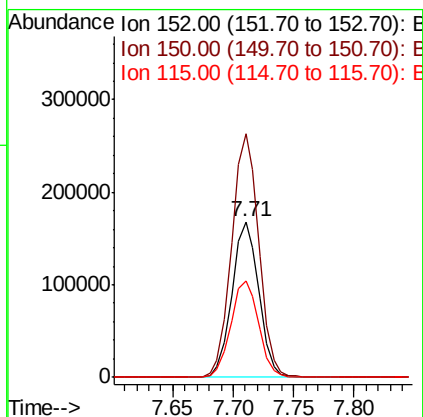
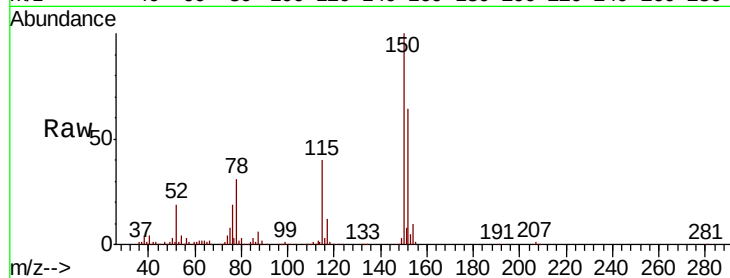


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM018810.D
Acq: 13 Feb 2019 20:11

Instrument :
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ClientSampleId :
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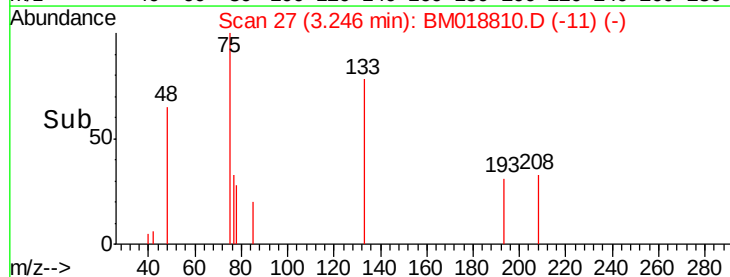
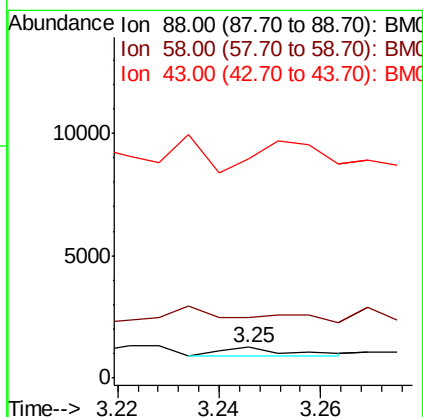
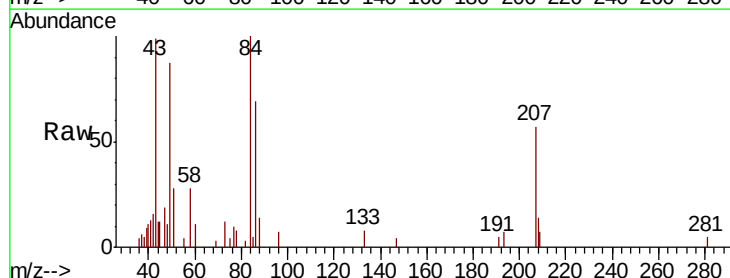
Tgt Ion:152 Resp: 259837
Ion Ratio Lower Upper
152 100
150 156.7 127.3 190.9
115 62.4 50.8 76.2

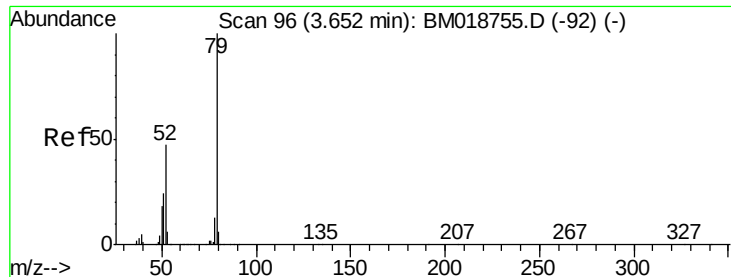


#2

1,4-Dioxane
Concen: 0.046 ng
RT: 3.25 min Scan# 27
Delta R.T. -0.01 min
Lab File: BM018810.D
Acq: 13 Feb 2019 20:11

Tgt Ion: 88 Resp: 317
Ion Ratio Lower Upper
88 100
58 0.0 49.8 74.6#
43 486.8 16.7 25.1#





#3

Pyridine

Concen: 0.023 ng

RT: 3.65 min Scan# 96

Delta R.T. -0.00 min

Lab File: BM018810.D

Acq: 13 Feb 2019 20:11

Instrument :

BNA_M

ClientSampleId :

WC-20190208

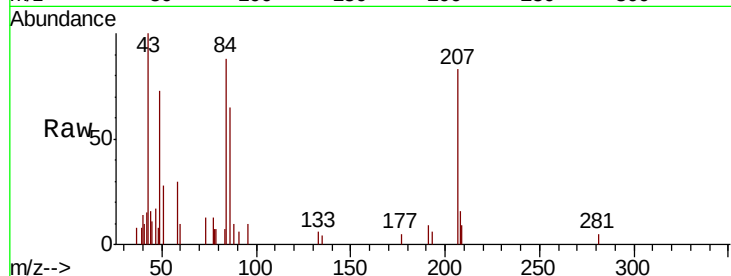
Tgt Ion: 79 Resp: 436

Ion Ratio Lower Upper

79 100

52 0.0 37.6 56.4#

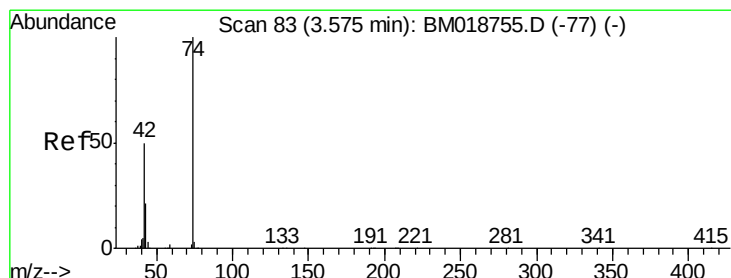
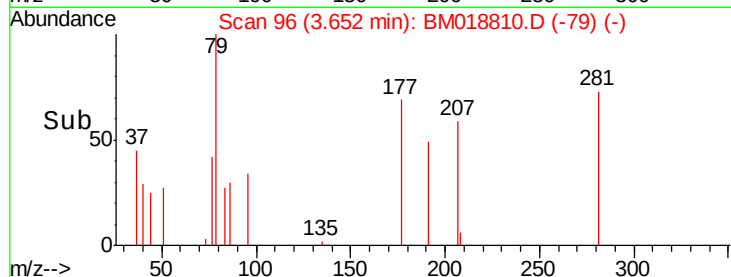
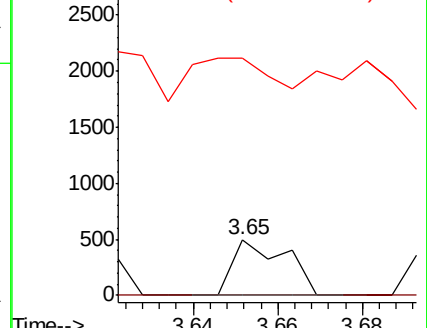
51 424.6 19.7 29.5#



Abundance Ion 79.00 (78.70 to 79.70): BM018810.D (-79) (-)

Ion 52.00 (51.70 to 52.70): BM018810.D (-52) (-)

Ion 51.00 (50.70 to 51.70): BM018810.D (-51) (-)



#4

n-Nitrosodimethylamine

Concen: 0.056 ng

RT: 3.58 min Scan# 84

Delta R.T. 0.01 min

Lab File: BM018810.D

Acq: 13 Feb 2019 20:11

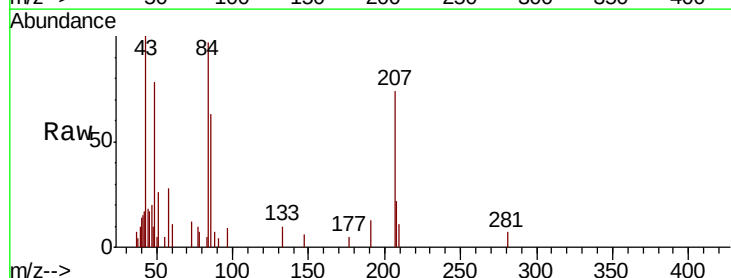
Tgt Ion: 42 Resp: 267

Ion Ratio Lower Upper

42 100

74 0.0 158.1 237.1#

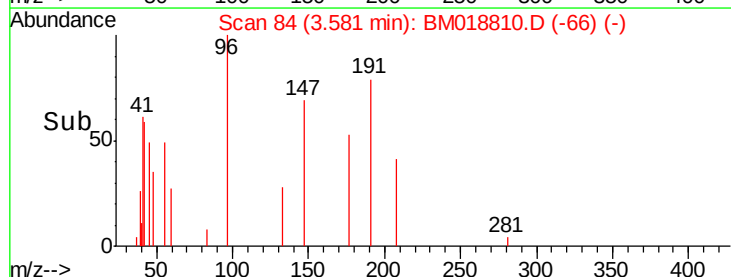
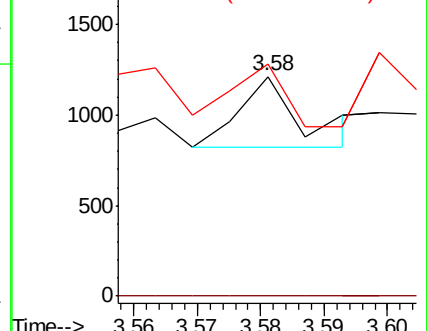
44 105.5 4.9 7.3#

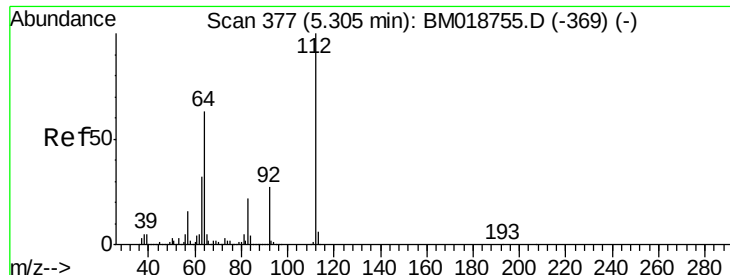


Abundance Ion 42.00 (41.70 to 42.70): BM018810.D (-42) (-)

Ion 74.00 (73.70 to 74.70): BM018810.D (-74) (-)

Ion 44.00 (43.70 to 44.70): BM018810.D (-44) (-)





#5

2-Fluorophenol

Concen: 145.181 ng

RT: 5.30 min Scan# 377

Delta R.T. -0.00 min

Lab File: BM018810.D

Acq: 13 Feb 2019 20:11

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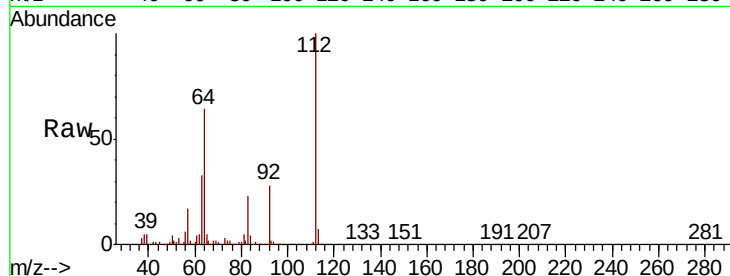
Tgt Ion: 112 Resp: 2302349

Ion Ratio Lower Upper

112 100

64 64.0 50.6 75.8

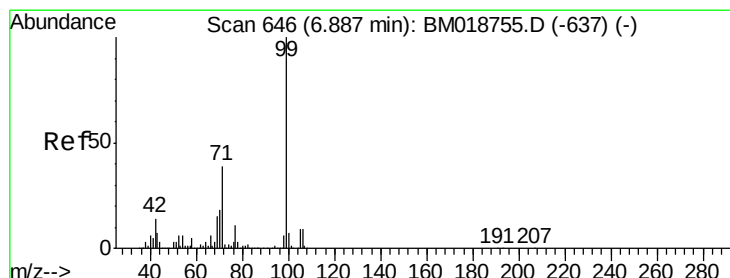
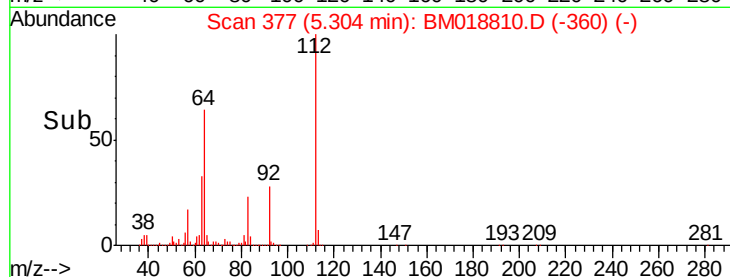
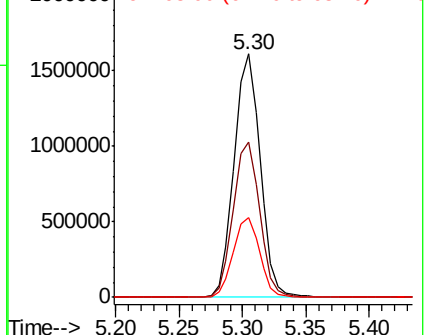
63 32.8 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#7

Phenol-d6

Concen: 129.453 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.00 min

Lab File: BM018810.D

Acq: 13 Feb 2019 20:11

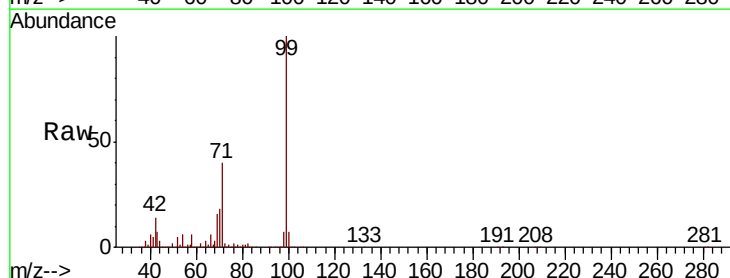
Tgt Ion: 99 Resp: 2892065

Ion Ratio Lower Upper

99 100

42 14.4 11.0 16.6

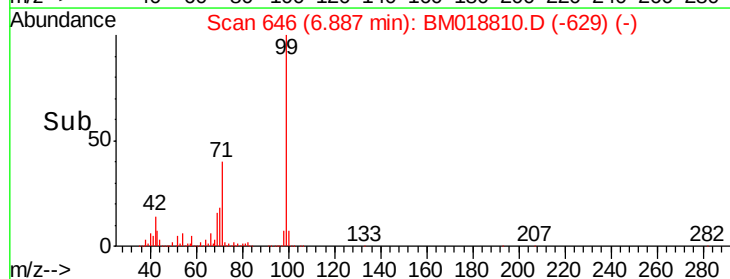
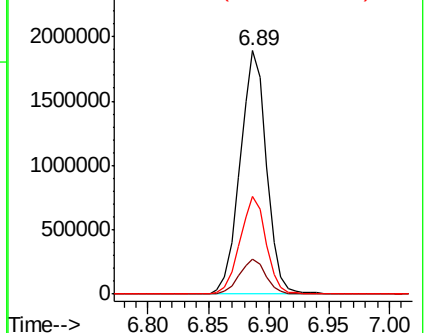
71 39.9 31.3 46.9

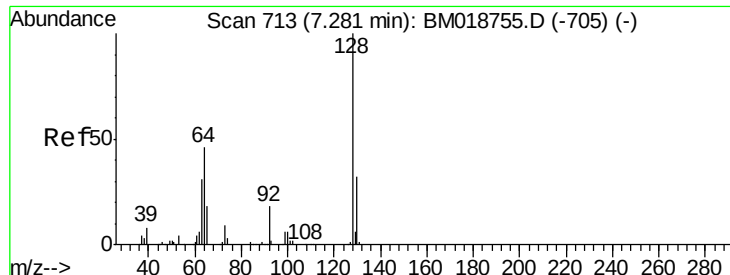


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#8

2-Chlorophenol

Concen: 0.046 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BM018810.D

Acq: 13 Feb 2019 20:11

Instrument :

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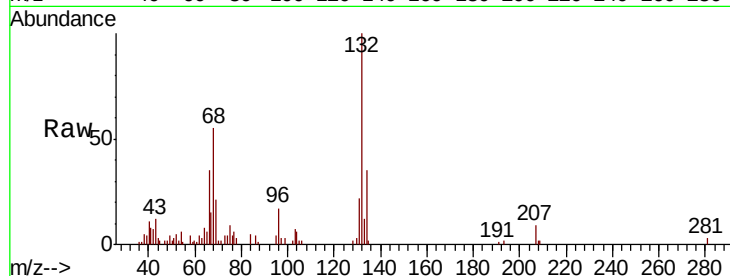
Tgt Ion:128 Resp: 800

Ion Ratio Lower Upper

128 100

130 119.5 11.7 51.7#

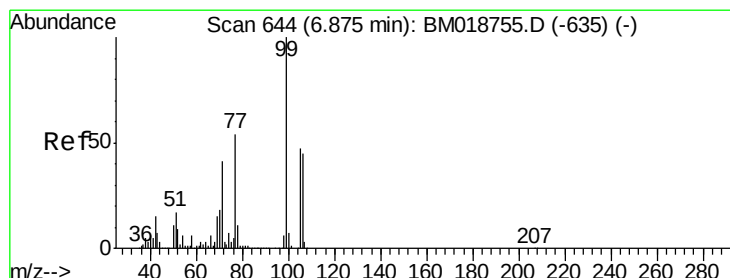
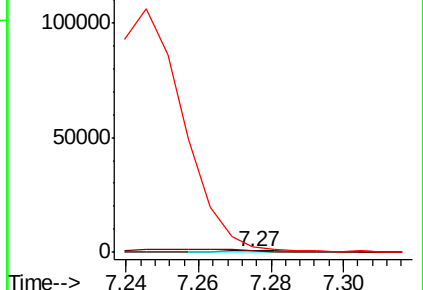
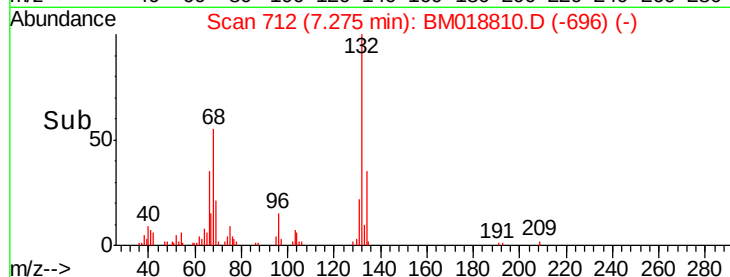
64 349.8 31.0 71.0#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BM



#9

Benzaldehyde

Concen: Below Cal

RT: 6.89 min Scan# 646

Delta R.T. 0.01 min

Lab File: BM018810.D

Acq: 13 Feb 2019 20:11

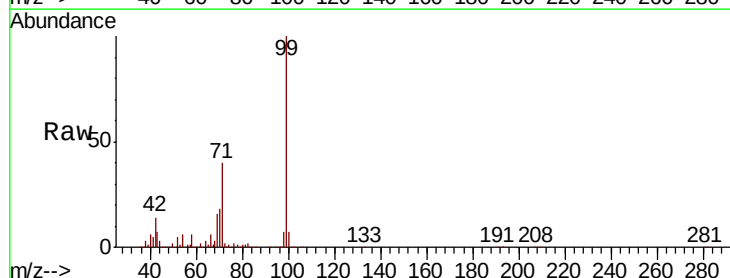
Tgt Ion: 77 Resp: 8577

Ion Ratio Lower Upper

77 100

105 12.5 67.3 107.3#

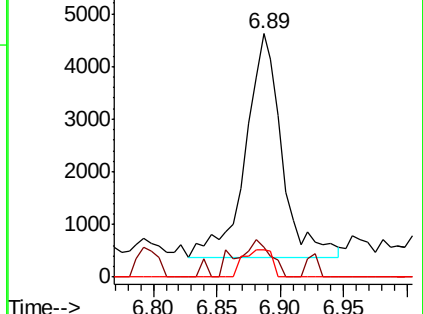
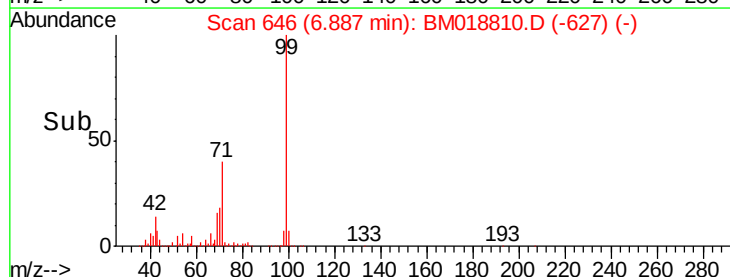
106 11.3 62.9 102.9#

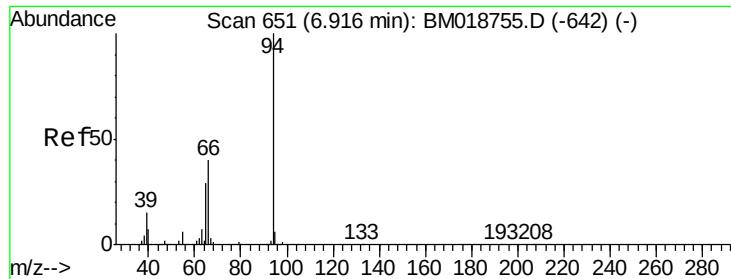


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

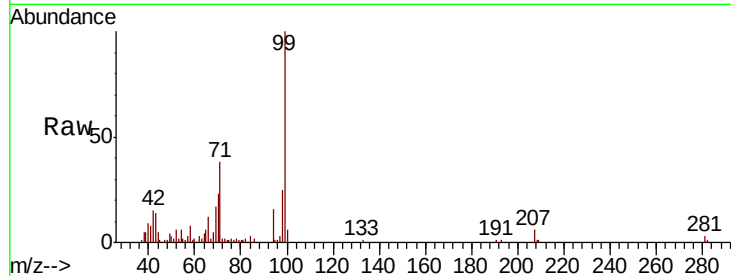




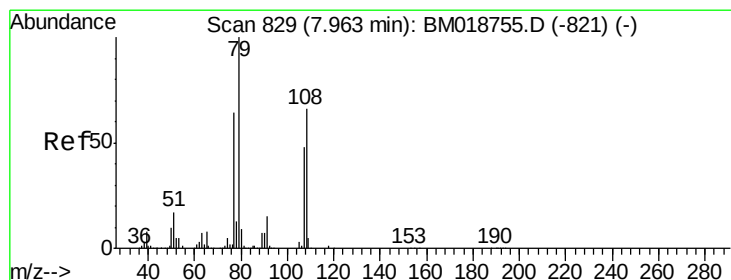
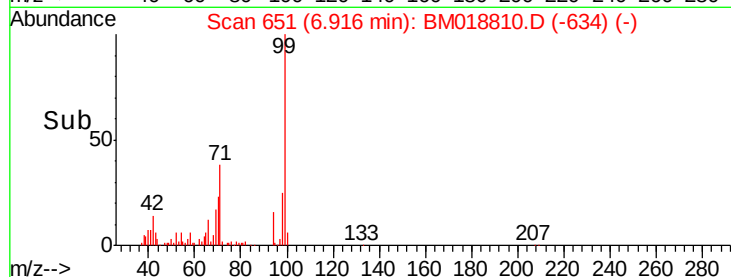
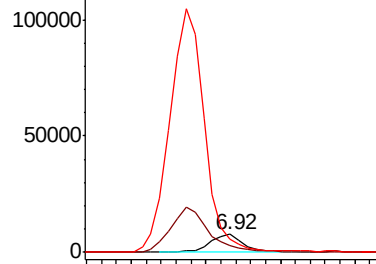
#10
Phenol
Concen: 0.539 ng
RT: 6.92 min Scan# 651
Delta R.T. -0.00 min
Lab File: BM018810.D
Acq: 13 Feb 2019 20:11

Instrument :
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Tgt Ion: 94 Resp: 12678
Ion Ratio Lower Upper
94 100
65 39.1 9.6 49.6
66 72.8 20.4 60.4#

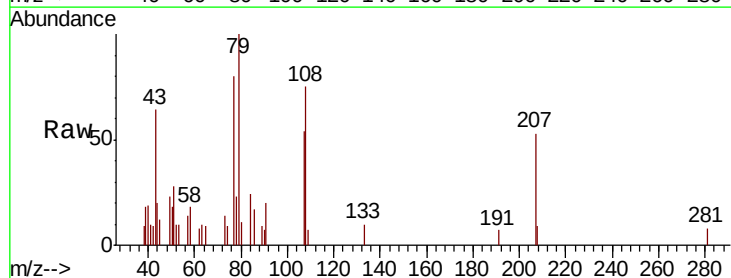


Abundance Ion 94.00 (93.70 to 94.70): BM0
Ion 65.00 (64.70 to 65.70): BM0
Ion 66.00 (65.70 to 66.70): BM0

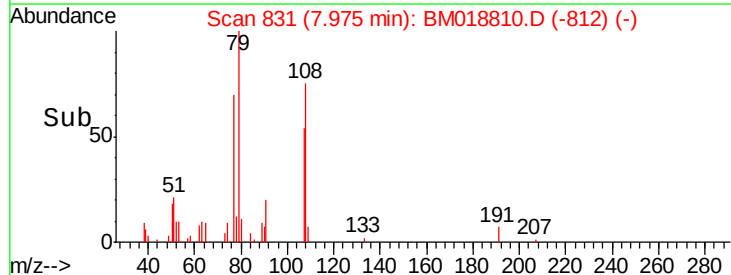
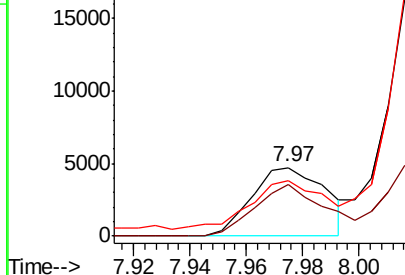


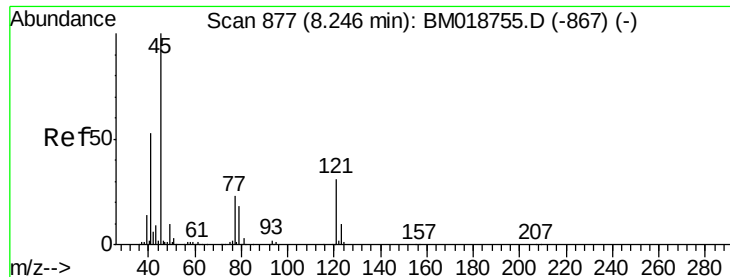
#15
Benzyl Alcohol
Concen: 0.484 ng
RT: 7.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BM018810.D
Acq: 13 Feb 2019 20:11

Tgt Ion: 79 Resp: 8591
Ion Ratio Lower Upper
79 100
108 75.1 52.7 79.1
77 80.1 51.0 76.4#



Abundance Ion 79.00 (78.70 to 79.70): BM0
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0

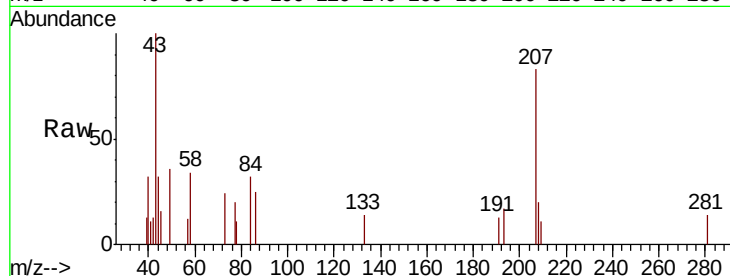




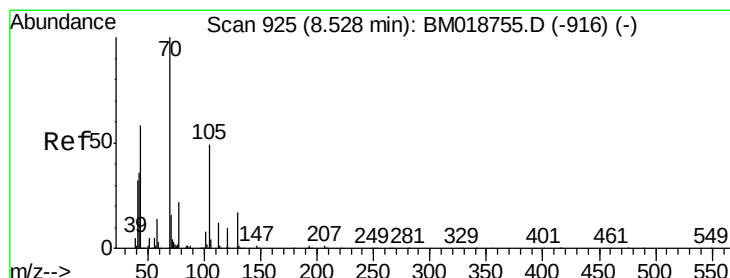
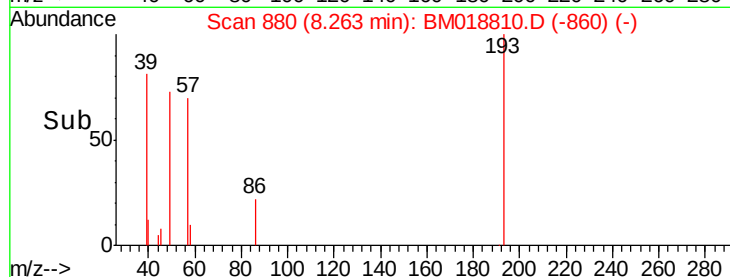
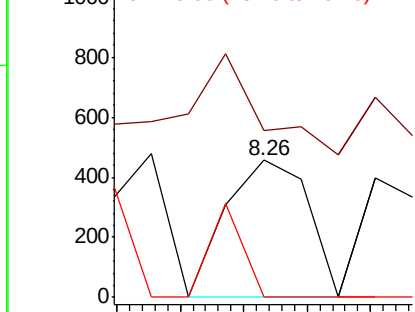
#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 0.024 ng
 RT: 8.26 min Scan# 880
 Delta R.T. 0.02 min
 Lab File: BM018810.D
 Acq: 13 Feb 2019 20:11

Instrument :
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Tgt Ion: 45 Resp: 409
 Ion Ratio Lower Upper
 45 100
 77 122.1 5.0 45.0#
 79 0.0 0.0 39.3

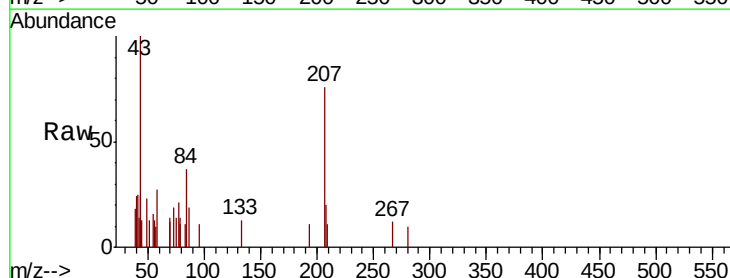


Abundance Ion 45.00 (44.70 to 45.70): BM0
 Ion 77.00 (76.70 to 77.70): BM0
 Ion 79.00 (78.70 to 79.70): BM0

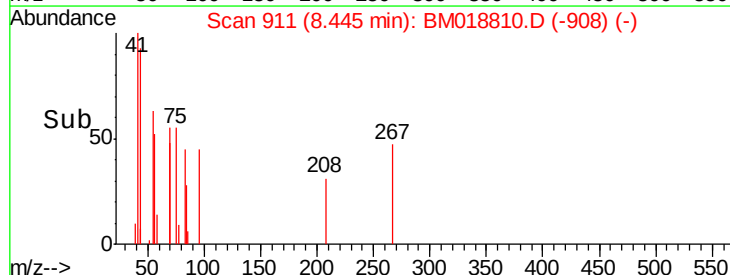
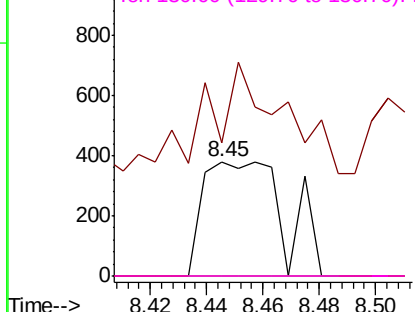


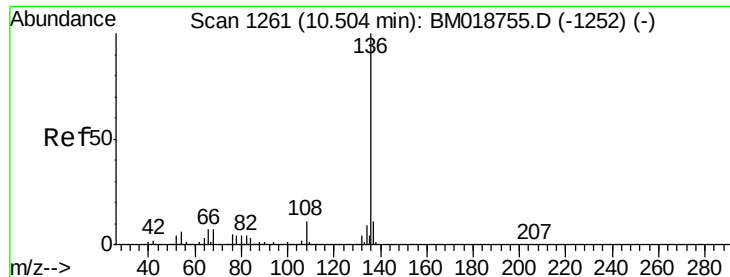
#19
 n-Nitroso-di-n-propylamine
 Concen: 0.044 ng
 RT: 8.45 min Scan# 911
 Delta R.T. -0.08 min
 Lab File: BM018810.D
 Acq: 13 Feb 2019 20:11

Tgt Ion: 70 Resp: 761
 Ion Ratio Lower Upper
 70 100
 42 116.5 29.4 44.0#
 101 0.0 6.7 10.1#
 130 0.0 14.0 21.0#



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

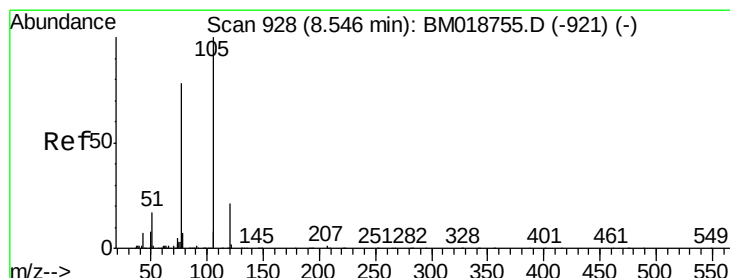
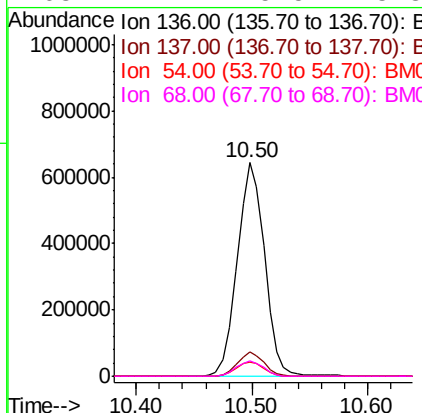
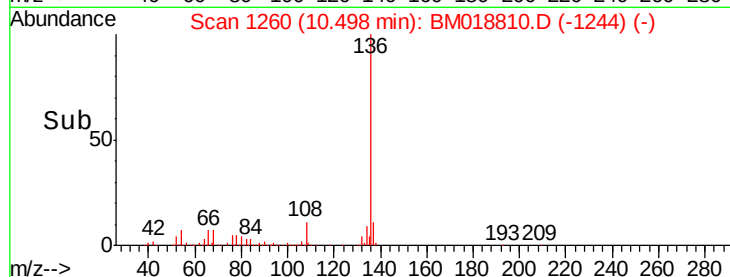
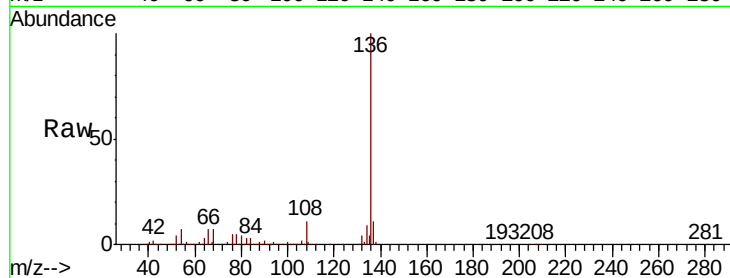




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.50 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BM018810.D
Acq: 13 Feb 2019 20:11

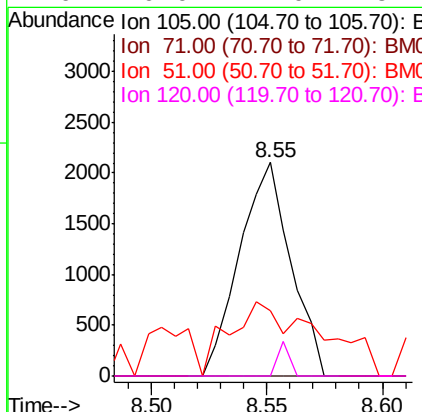
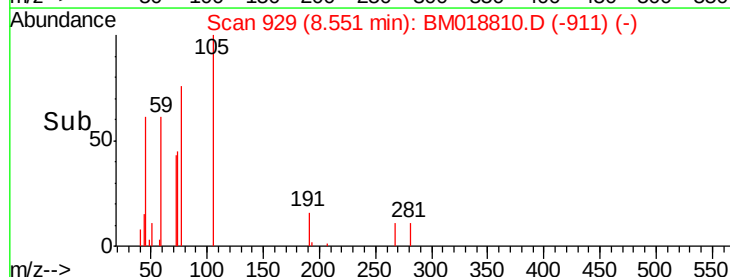
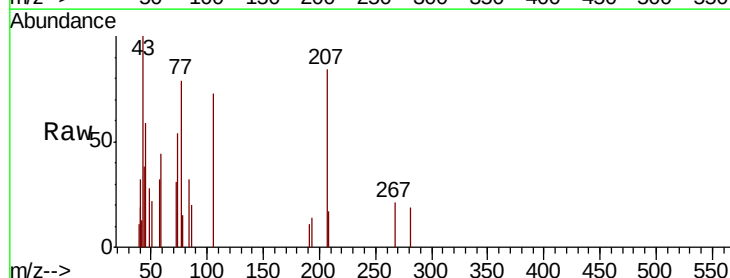
Instrument :
BNA_M
ClientSampleId :
WC-20190208

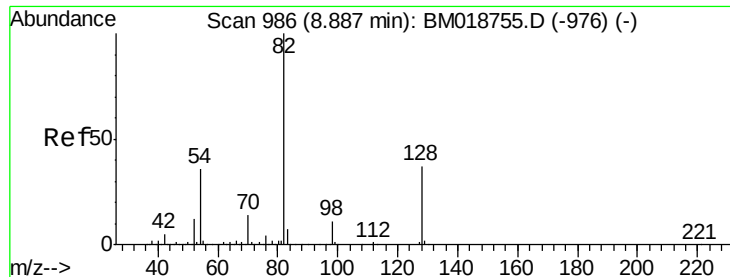
Tgt Ion:	136	Resp:	1055763
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.9	5.0	7.6
68	7.2	5.5	8.3



#22
Acetophenone
Concen: 0.112 ng
RT: 8.55 min Scan# 929
Delta R.T. 0.01 min
Lab File: BM018810.D
Acq: 13 Feb 2019 20:11

Tgt Ion:	105	Resp:	3252
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.1	1.7#
51	30.7	15.5	23.3#
120	0.0	17.0	25.4#

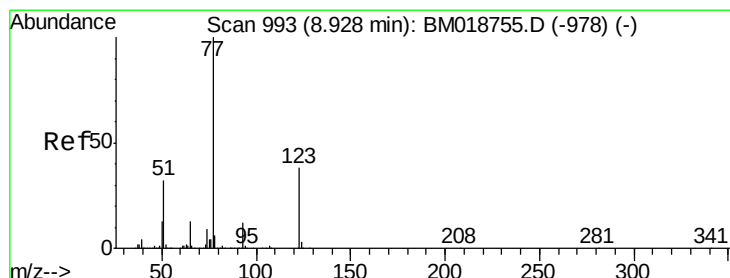
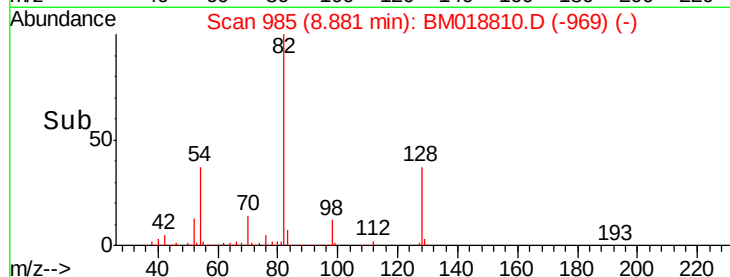
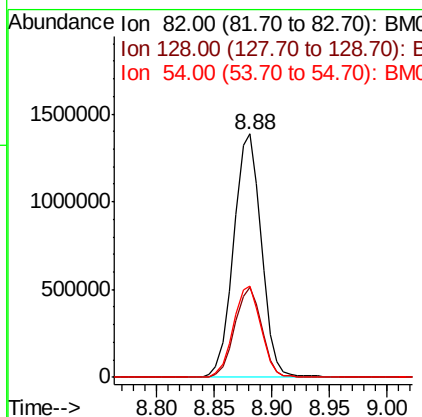
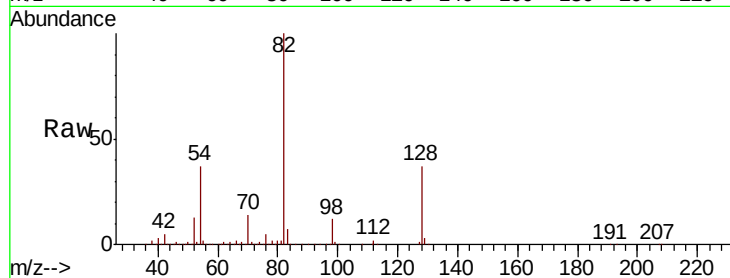




#23
 Nitrobenzene-d5
 Concen: 101.178 ng
 RT: 8.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BM018810.D
 Acq: 13 Feb 2019 20:11

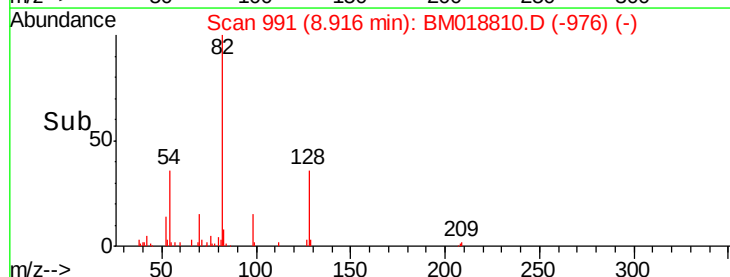
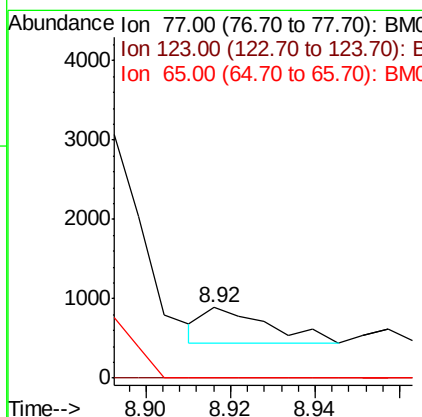
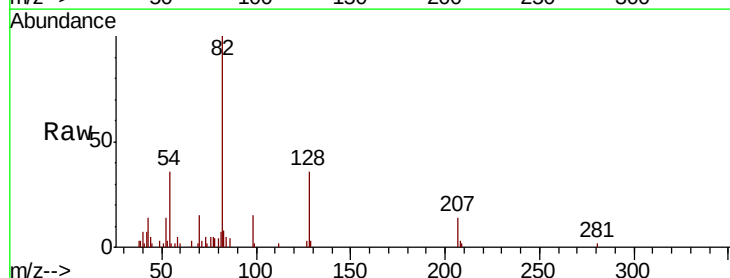
Instrument :
 BNA_M
 ClientSampleId :
 WC-20190208

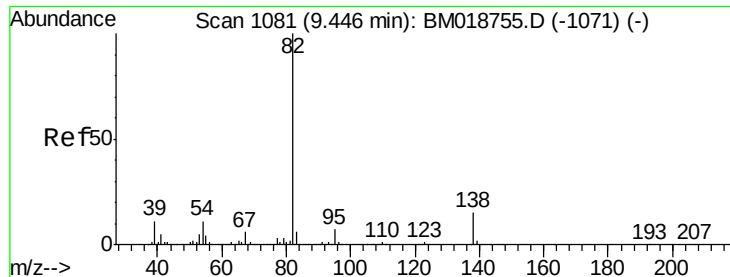
Tgt Ion: 82 Resp: 2310194
 Ion Ratio Lower Upper
 82 100
 128 36.8 29.9 44.9
 54 37.3 29.1 43.7



#24
 Nitrobenzene
 Concen: 0.020 ng
 RT: 8.92 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BM018810.D
 Acq: 13 Feb 2019 20:11

Tgt Ion: 77 Resp: 466
 Ion Ratio Lower Upper
 77 100
 123 0.0 30.7 46.1#
 65 0.0 10.5 15.7#





#25

Isophorone

Concen: 0.062 ng

RT: 9.45 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BM018810.D

Acq: 13 Feb 2019 20:11

Instrument :

BNA_M

ClientSampleId :

WC-20190208

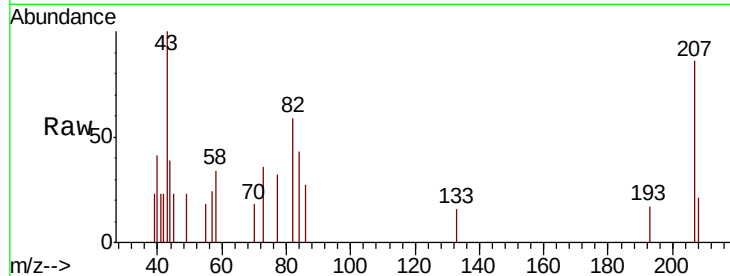
Tgt Ion: 82 Resp: 2276

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

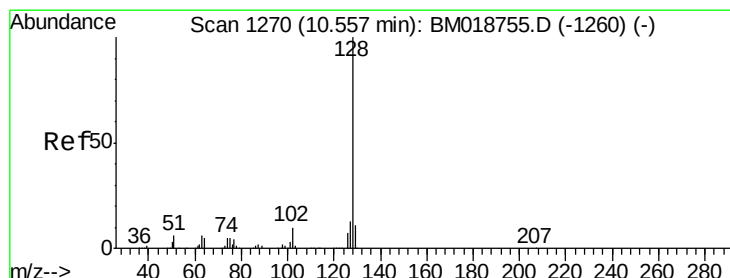
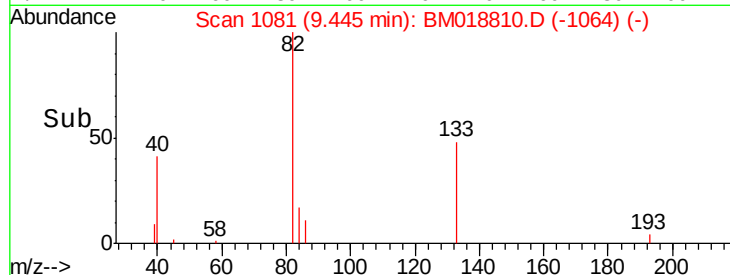
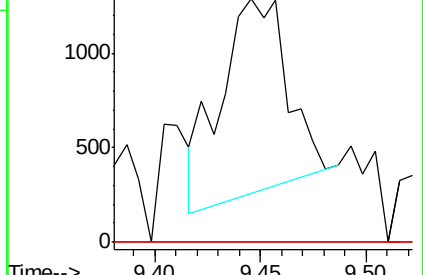
138 0.0 12.3 18.5#



Abundance Ion 82.00 (81.70 to 82.70): BM018810.D (-1064) (-)

Ion 95.00 (94.70 to 95.70): BM018810.D (-1064) (-)

Ion 138.00 (137.70 to 138.70): BM018810.D (-1064) (-)



#31

Naphthalene

Concen: 0.034 ng

RT: 10.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BM018810.D

Acq: 13 Feb 2019 20:11

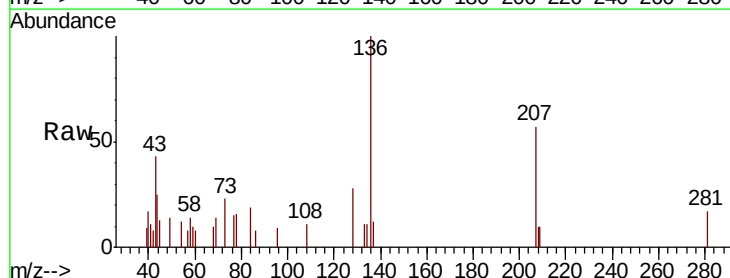
Tgt Ion: 128 Resp: 1728

Ion Ratio Lower Upper

128 100

129 0.0 9.0 13.4#

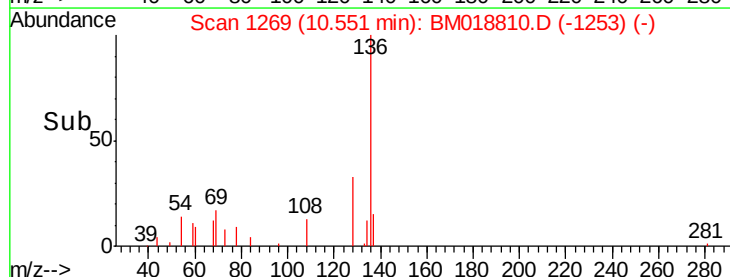
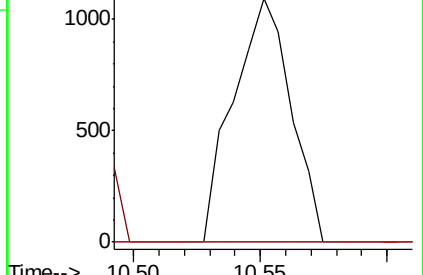
127 0.0 10.7 16.1#

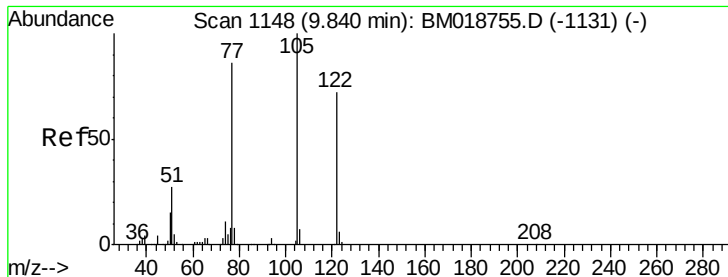


Abundance Ion 128.00 (127.70 to 128.70): BM018810.D (-1253) (-)

Ion 129.00 (128.70 to 129.70): BM018810.D (-1253) (-)

Ion 127.00 (126.70 to 127.70): BM018810.D (-1253) (-)





#32

Benzoic acid

Concen: 0.028 ng

RT: 9.84 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BM018810.D

Acq: 13 Feb 2019 20:11

Instrument :

BNA_M

ClientSampleId :

WC-20190208

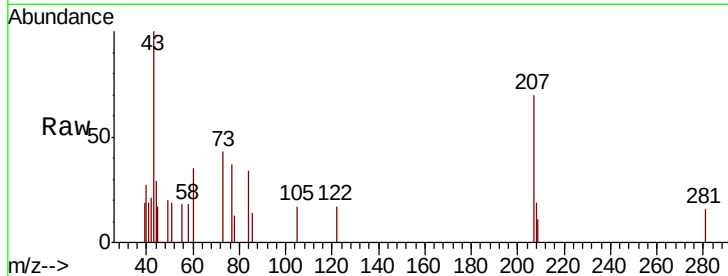
Tgt Ion:122 Resp: 338

Ion Ratio Lower Upper

122 100

105 101.4 117.5 157.5#

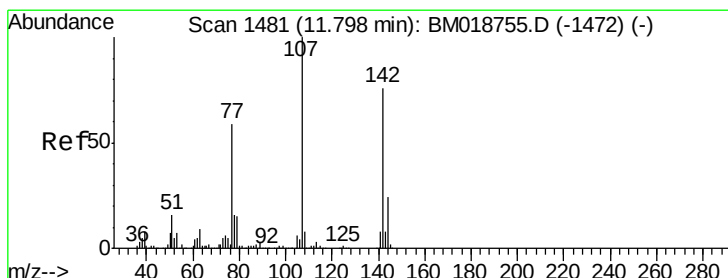
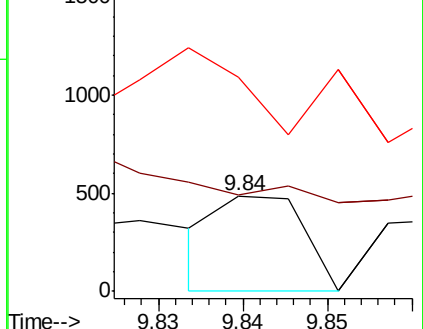
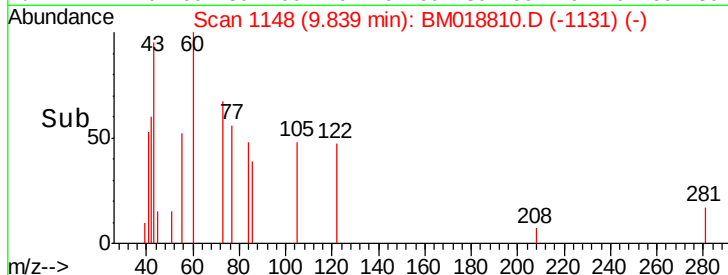
77 223.6 98.5 138.5#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM



#36

4-Chloro-3-methylphenol

Concen: 0.420 ng

RT: 11.85 min Scan# 1489

Delta R.T. 0.05 min

Lab File: BM018810.D

Acq: 13 Feb 2019 20:11

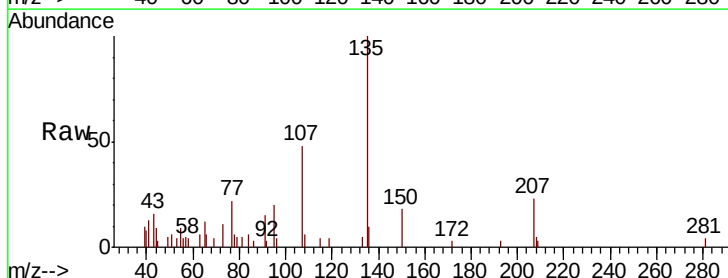
Tgt Ion:107 Resp: 8014

Ion Ratio Lower Upper

107 100

144 0.0 19.3 28.9#

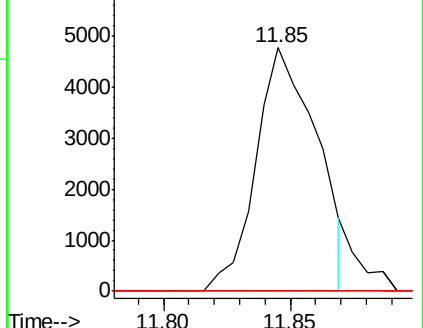
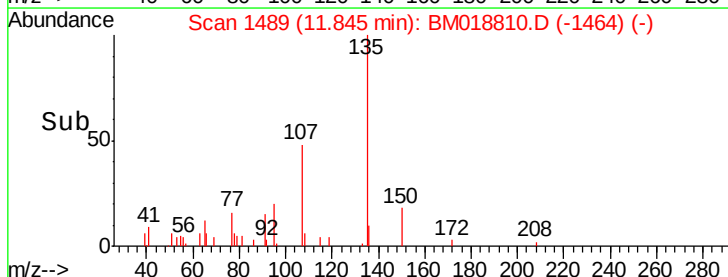
142 0.0 60.5 90.7#

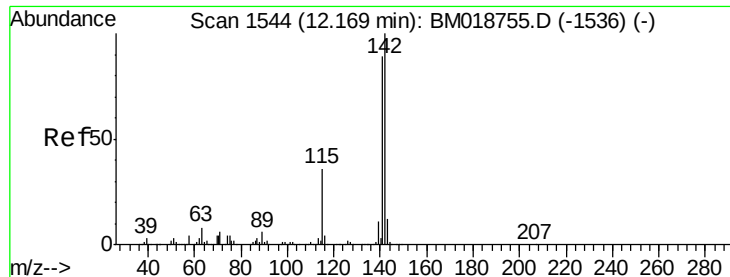


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

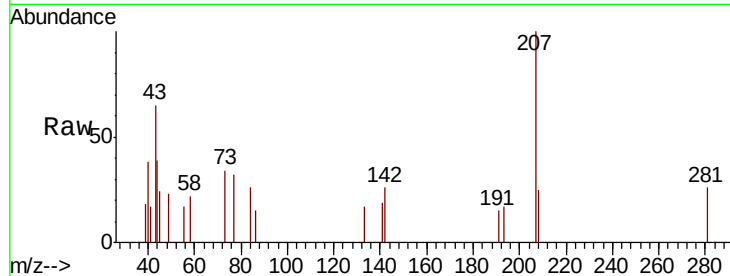




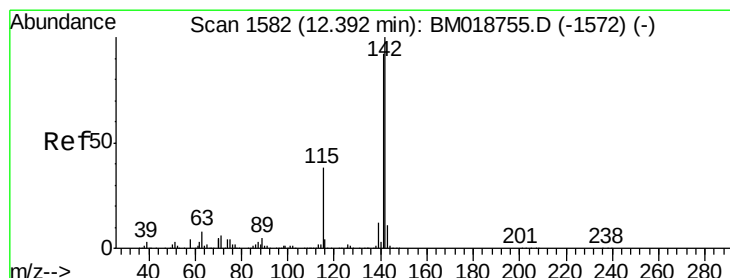
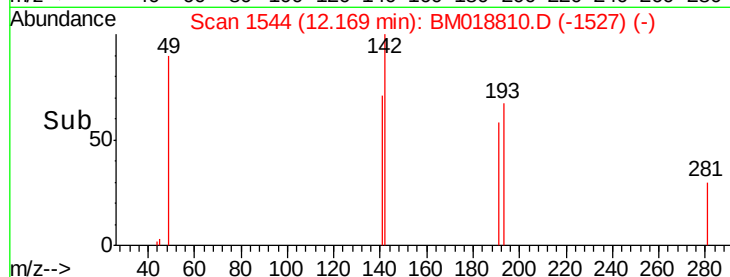
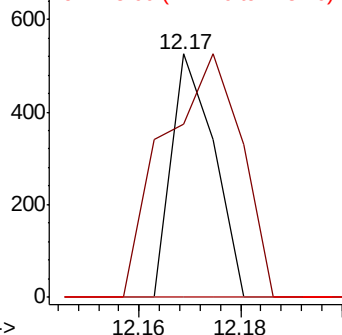
#37
 2-Methylnaphthalene
 Concen: 0.008 ng
 RT: 12.17 min Scan# 1544
 Delta R.T. -0.00 min
 Lab File: BM018810.D
 Acq: 13 Feb 2019 20:11

Instrument :
 BNA_M
 ClientSampleId :
 WC-20190208

Tgt Ion:142 Resp: 305
 Ion Ratio Lower Upper
 142 100
 141 71.2 71.2 106.8
 115 0.0 29.1 43.7#

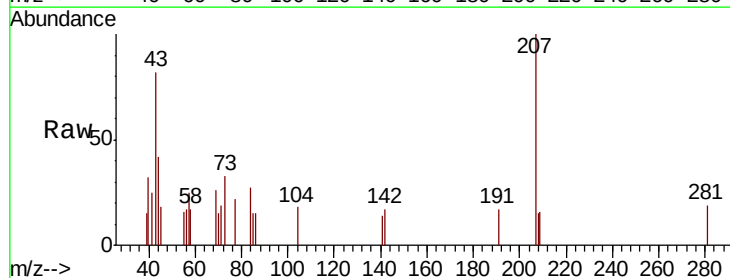


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

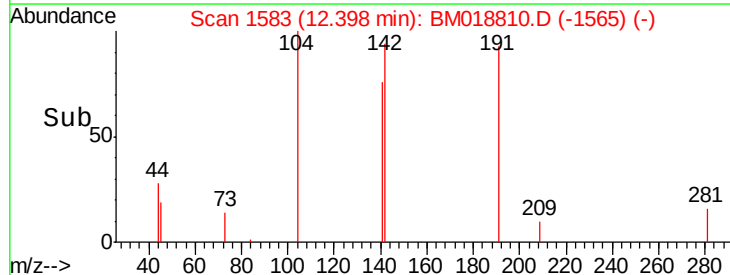
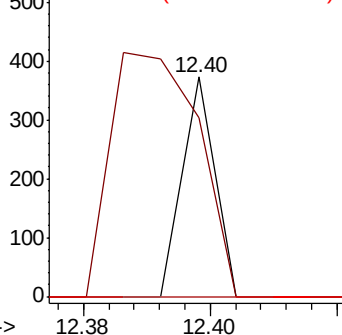


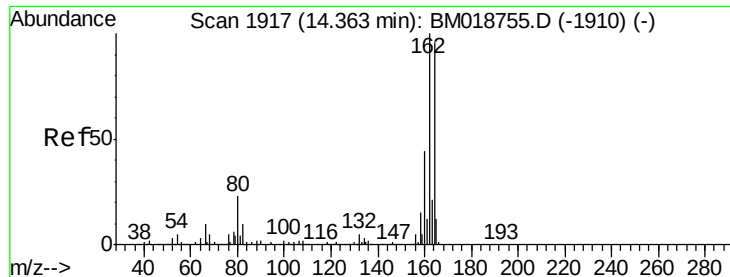
#38
 1-Methylnaphthalene
 Concen: 0.004 ng
 RT: 12.40 min Scan# 1583
 Delta R.T. 0.01 min
 Lab File: BM018810.D
 Acq: 13 Feb 2019 20:11

Tgt Ion:142 Resp: 132
 Ion Ratio Lower Upper
 142 100
 141 81.2 73.9 110.9
 116 0.0 3.0 4.4#



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: 14.36 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BM018810.D

Acq: 13 Feb 2019 20:11

Instrument :

BNA_M

ClientSampleId :

WC-20190208

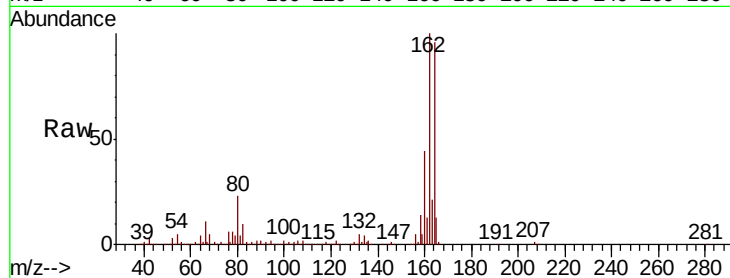
Tgt Ion:164 Resp: 608543

Ion Ratio Lower Upper

164 100

162 104.2 83.4 125.0

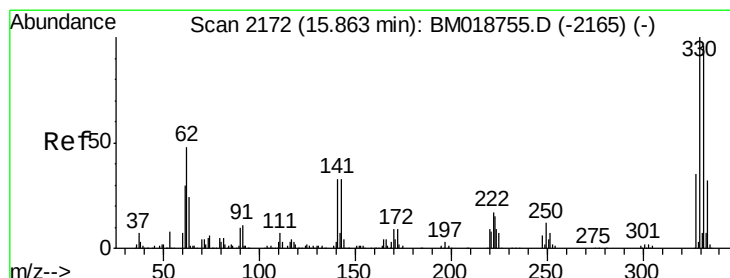
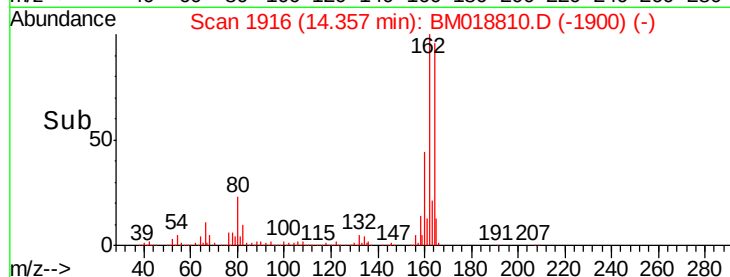
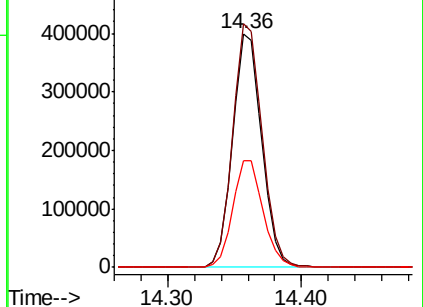
160 45.8 36.6 55.0



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: 121.924 ng

RT: 15.86 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BM018810.D

Acq: 13 Feb 2019 20:11

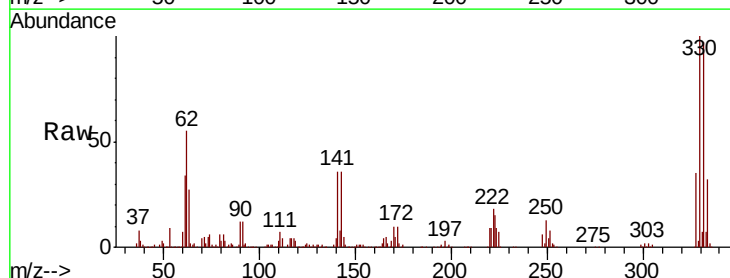
Tgt Ion:330 Resp: 1069514

Ion Ratio Lower Upper

330 100

332 96.5 76.9 115.3

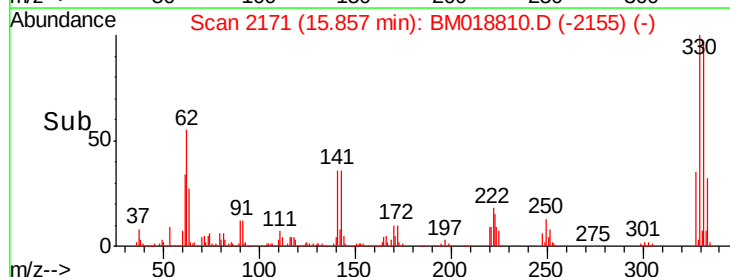
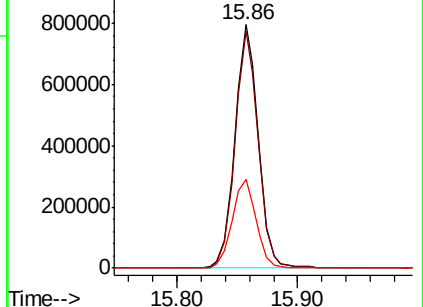
141 37.6 28.7 43.1

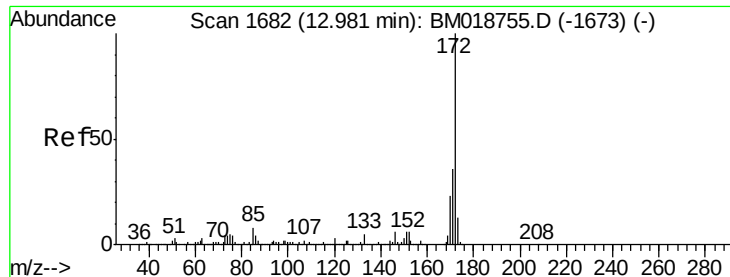


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

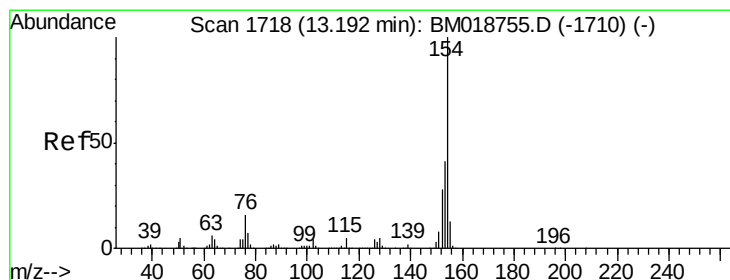
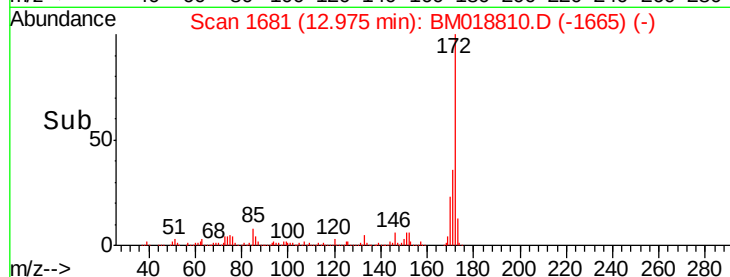
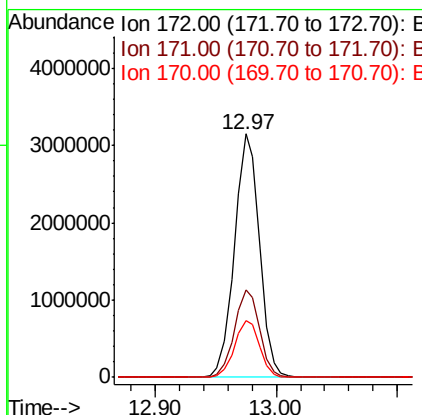
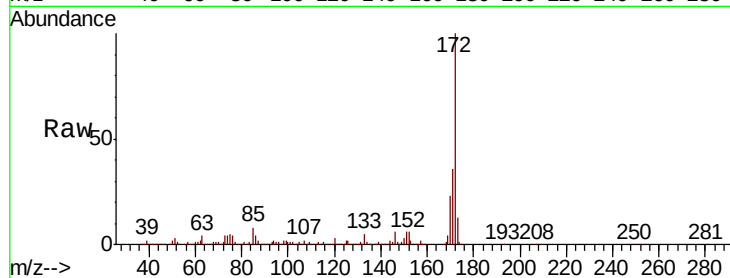




#45
2-Fluorobiphenyl
Concen: 99.250 ng
RT: 12.97 min Scan# 1681
Delta R.T. -0.01 min
Lab File: BM018810.D
Acq: 13 Feb 2019 20:11

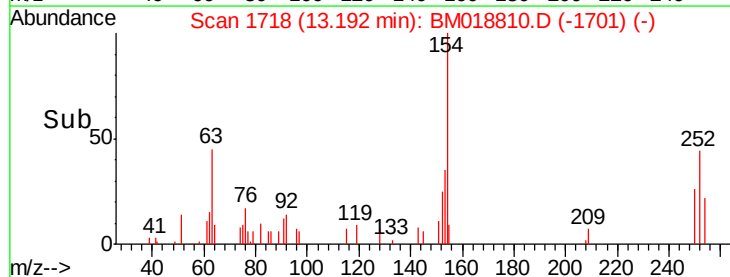
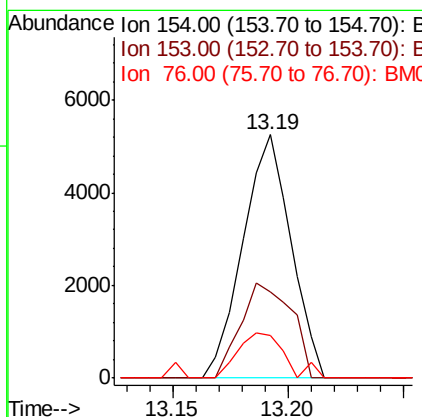
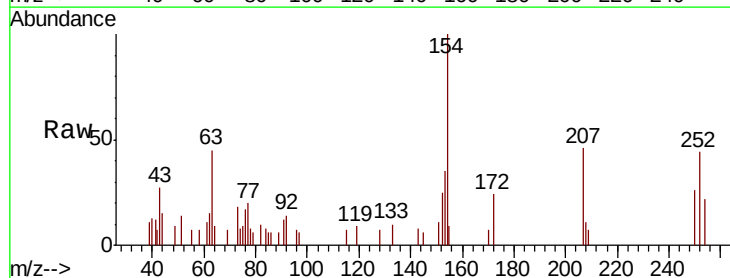
Instrument :
BNA_M
ClientSampleId :
WC-20190208

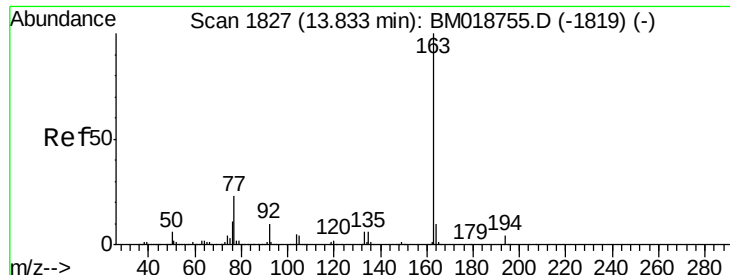
Tgt Ion:172 Resp: 4549850
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.6
170 23.3 18.6 28.0



#46
1,1'-Biphenyl
Concen: 0.145 ng
RT: 13.19 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BM018810.D
Acq: 13 Feb 2019 20:11

Tgt Ion:154 Resp: 7596
Ion Ratio Lower Upper
154 100
153 35.1 21.1 61.1
76 17.3 0.0 35.7

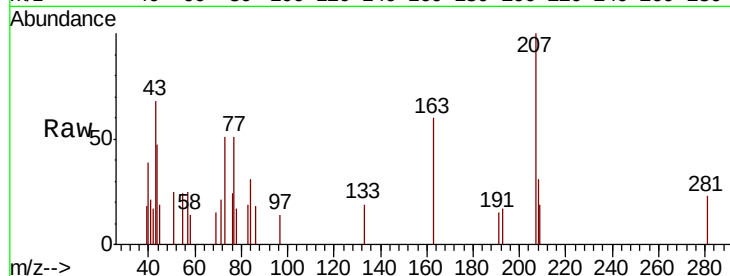




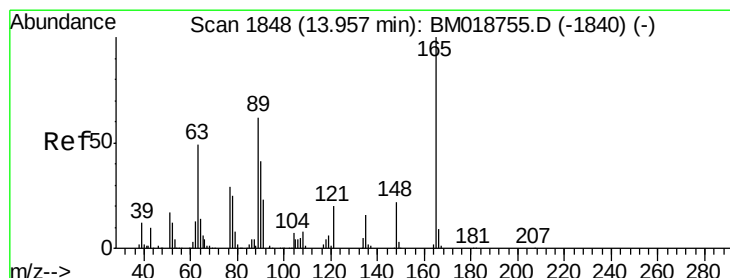
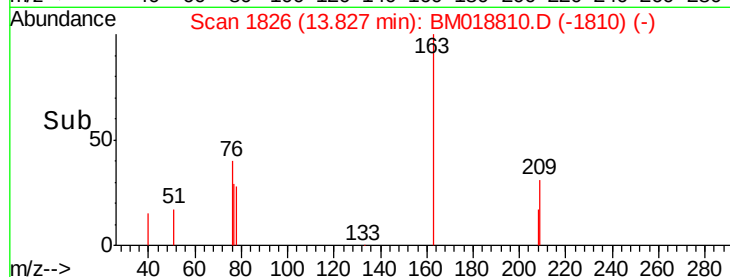
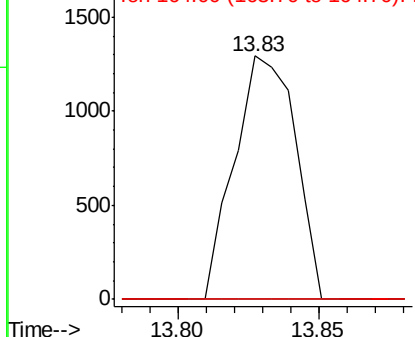
#50
Dimethylphthalate
Concen: 0.038 ng
RT: 13.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BM018810.D
Acq: 13 Feb 2019 20:11

Instrument :
BNA_M
ClientSampleId :
WC-20190208

Tgt Ion:163 Resp: 1933
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 0.0 7.8 11.8#

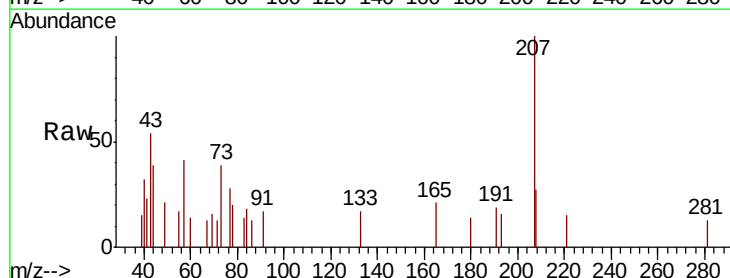


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

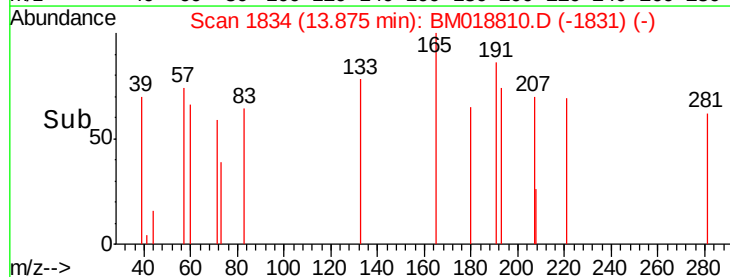
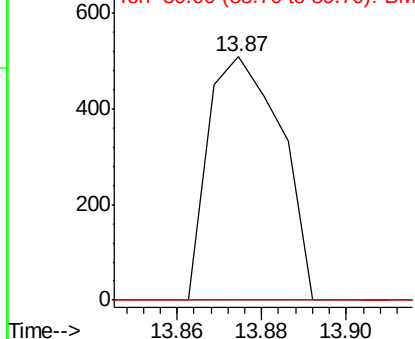


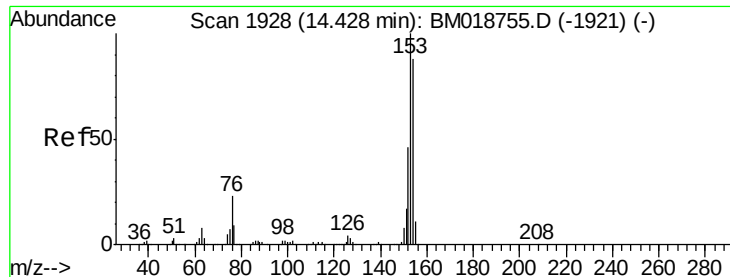
#51
2,6-Dinitrotoluene
Concen: 0.055 ng
RT: 13.87 min Scan# 1834
Delta R.T. -0.08 min
Lab File: BM018810.D
Acq: 13 Feb 2019 20:11

Tgt Ion:165 Resp: 606
Ion Ratio Lower Upper
165 100
63 0.0 48.9 73.3#
89 0.0 49.4 74.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM018810.D (-1831) (-)
Ion 89.00 (88.70 to 89.70): BM018810.D (-1831) (-)





#52

Acenaphthene

Concen: 0.063 ng

RT: 14.36 min Scan# 1916

Delta R.T. -0.07 min

Lab File: BM018810.D

Acq: 13 Feb 2019 20:11

Instrument :

BNA_M

ClientSampleId :

WC-20190208

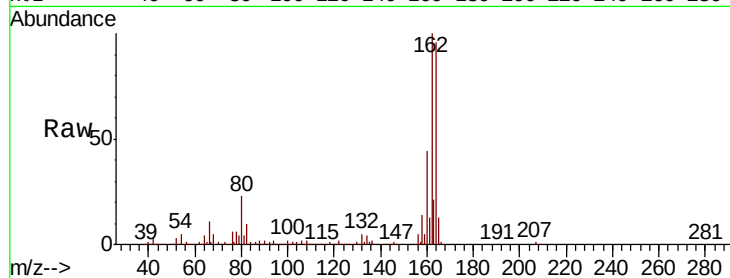
Tgt Ion:154 Resp: 2329

Ion Ratio Lower Upper

154 100

153 0.0 91.3 136.9#

152 0.0 42.2 63.4#

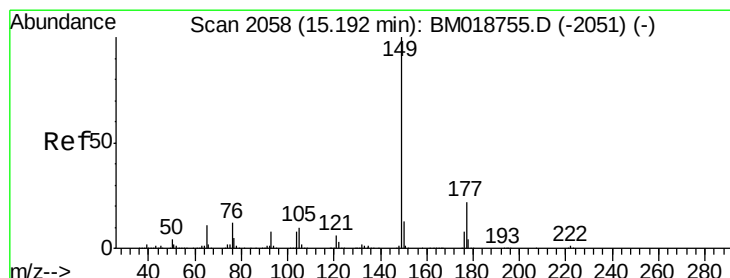
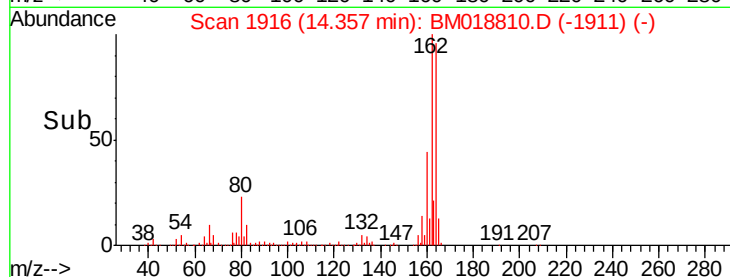
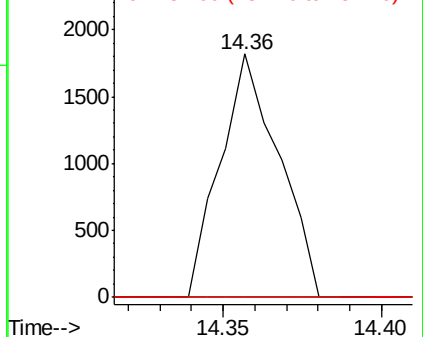


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#60

Diethylphthalate

Concen: 0.110 ng

RT: 15.19 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BM018810.D

Acq: 13 Feb 2019 20:11

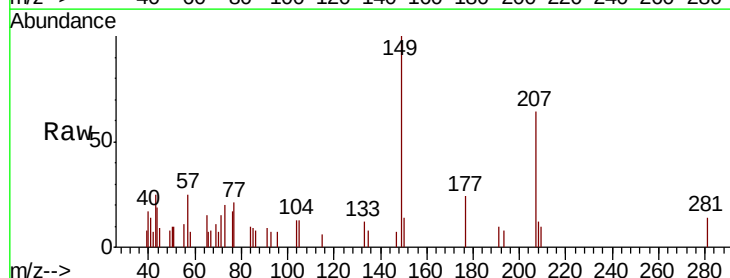
Tgt Ion:149 Resp: 5771

Ion Ratio Lower Upper

149 100

177 23.9 17.2 25.8

150 14.2 10.2 15.2

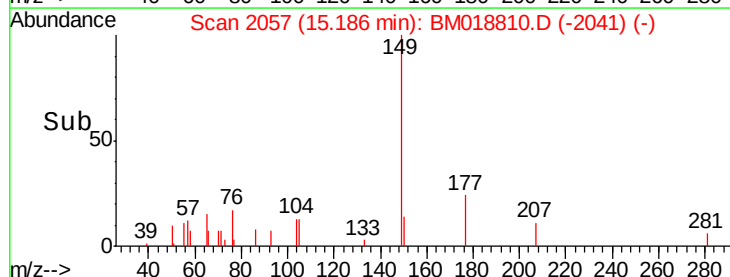
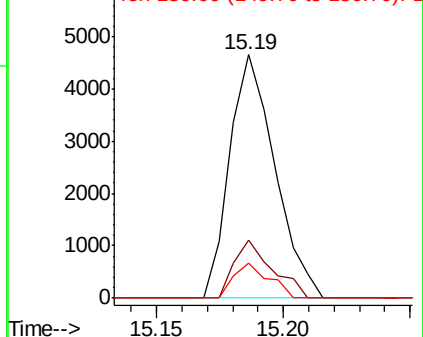


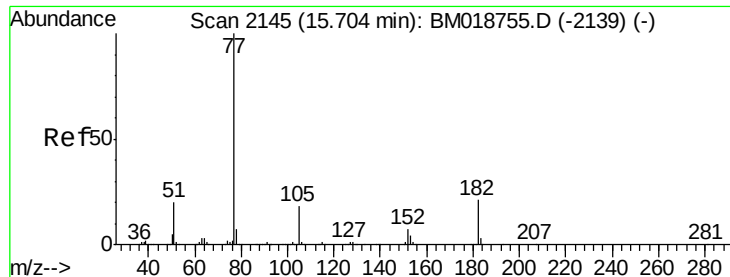
Abundance

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: 0.005 ng

RT: 15.69 min Scan# 2143

Delta R.T. -0.01 min

Lab File: BM018810.D

Acq: 13 Feb 2019 20:11

Instrument :

BNA_M

ClientSampleId :

WC-20190208

Tgt Ion: 77 Resp: 274

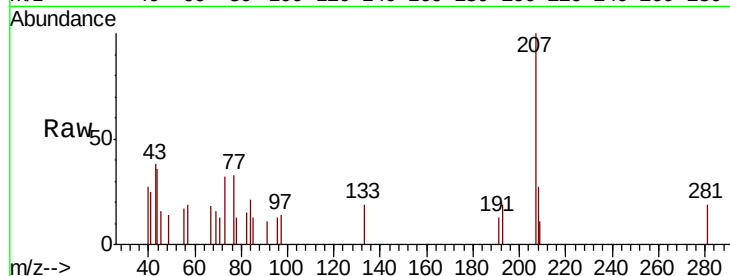
Ion Ratio Lower Upper

77 100

182 0.0 1.0 41.0#

105 0.0 0.0 37.7

51 0.0 0.3 40.3#

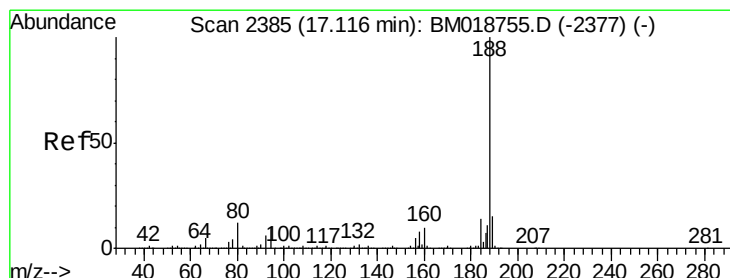
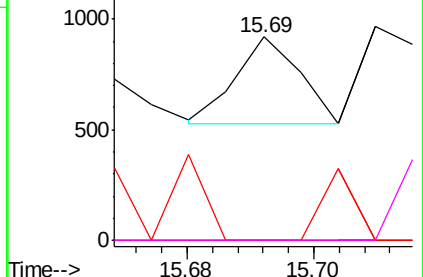
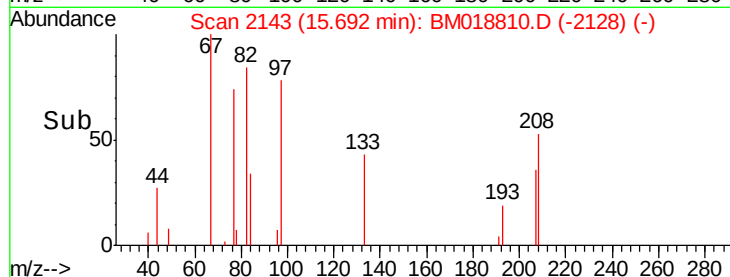


Abundance Ion 77.00 (76.70 to 77.70): BM018810.D (-2128) (-)

Ion 182.00 (181.70 to 182.70): BM018810.D (-2128) (-)

Ion 105.00 (104.70 to 105.70): BM018810.D (-2128) (-)

Ion 51.00 (50.70 to 51.70): BM018810.D (-2128) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.11 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BM018810.D

Acq: 13 Feb 2019 20:11

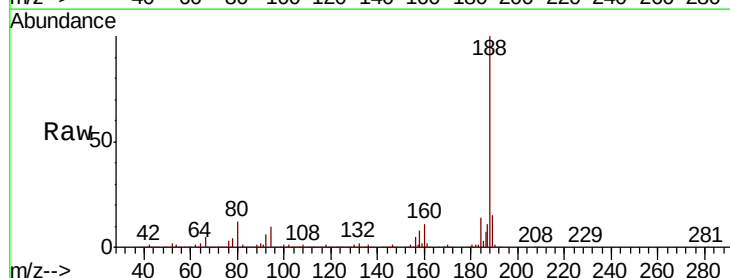
Tgt Ion: 188 Resp: 1396874

Ion Ratio Lower Upper

188 100

94 10.0 8.2 12.2

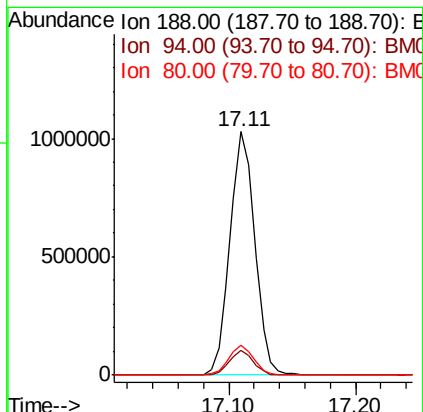
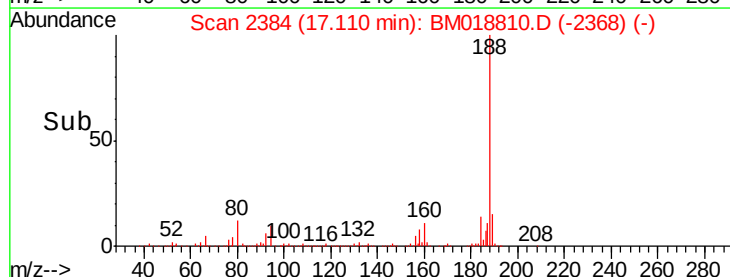
80 12.2 9.7 14.5

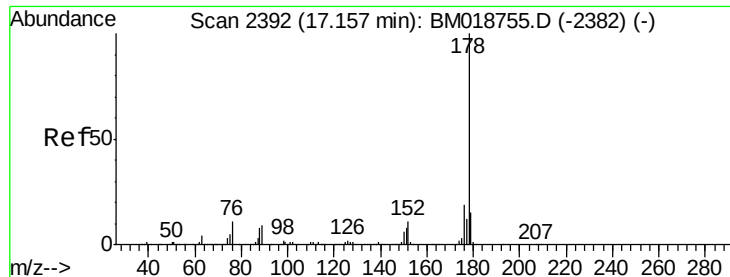


Abundance Ion 188.00 (187.70 to 188.70): BM018810.D (-2368) (-)

Ion 94.00 (93.70 to 94.70): BM018810.D (-2368) (-)

Ion 80.00 (79.70 to 80.70): BM018810.D (-2368) (-)

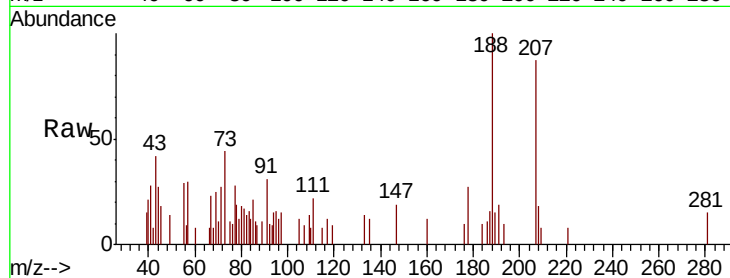




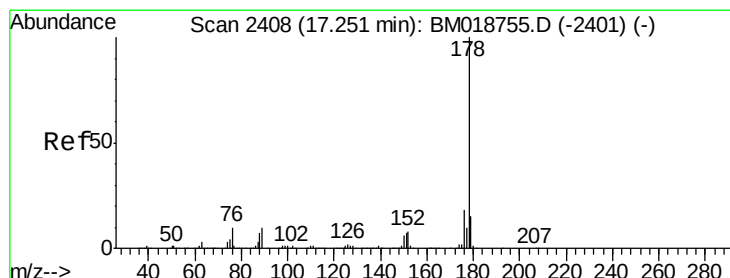
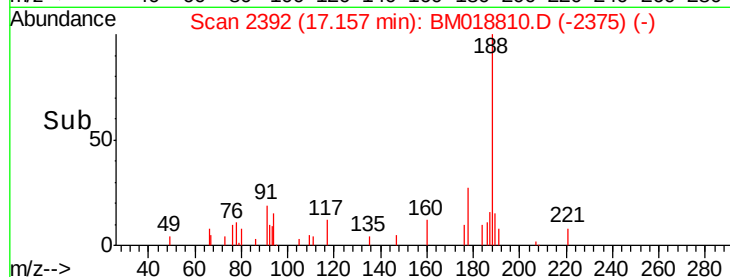
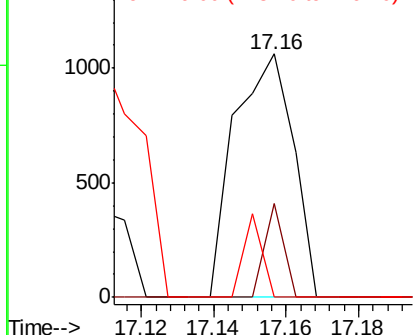
#71
Phenanthrene
Concen: 0.016 ng
RT: 17.16 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM018810.D
Acq: 13 Feb 2019 20:11

Instrument :
BNA_M
ClientSampleId :
WC-20190208

Tgt Ion:178 Resp: 1193
Ion Ratio Lower Upper
178 100
176 38.5 15.4 23.0#
179 0.0 12.3 18.5#

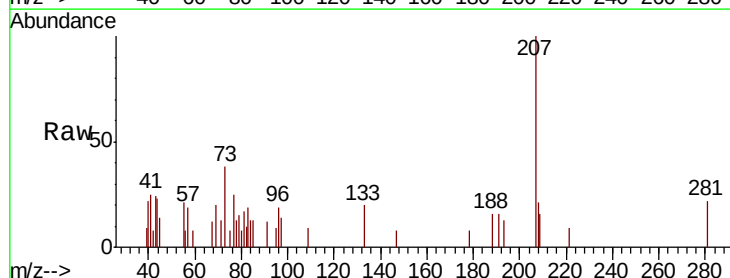


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

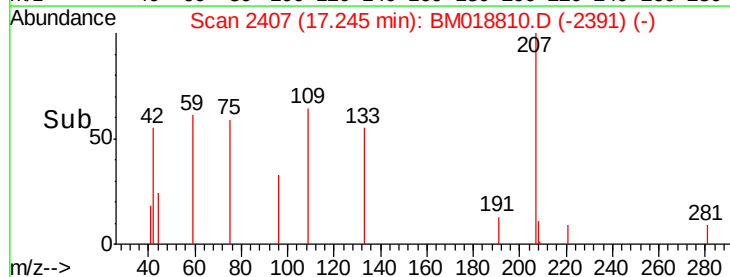
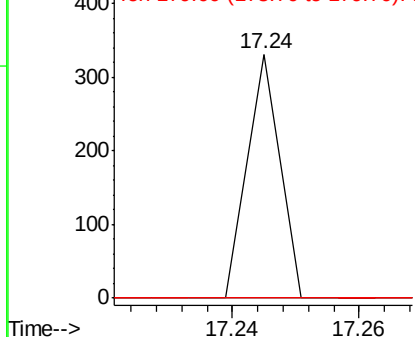


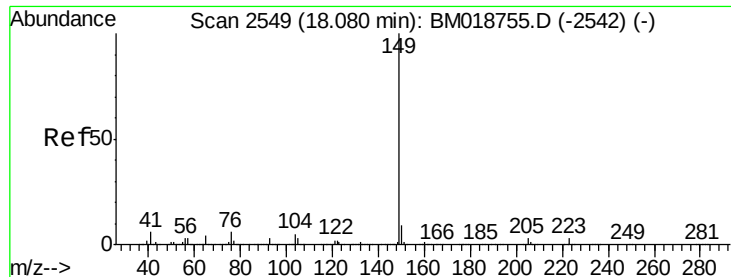
#72
Anthracene
Concen: 0.002 ng
RT: 17.24 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BM018810.D
Acq: 13 Feb 2019 20:11

Tgt Ion:178 Resp: 117
Ion Ratio Lower Upper
178 100
176 0.0 14.8 22.2#
179 0.0 12.1 18.1#



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

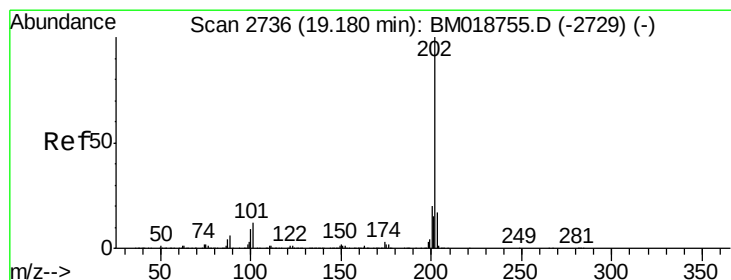
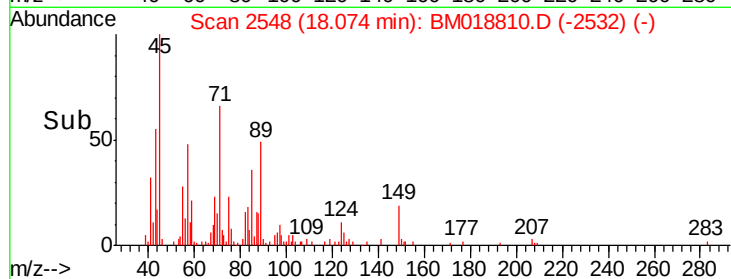
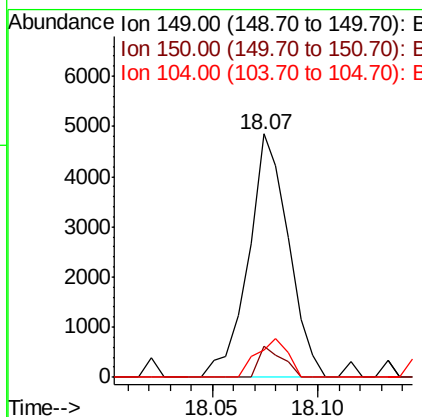
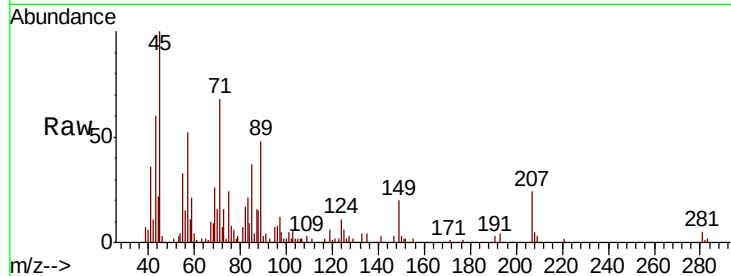




#74
Di-n-butylphthalate
Concen: 0.073 ng
RT: 18.07 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BM018810.D
Acq: 13 Feb 2019 20:11

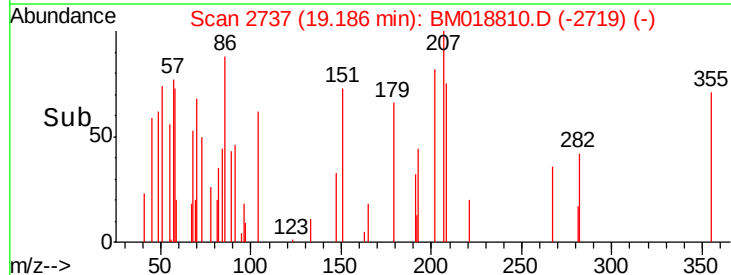
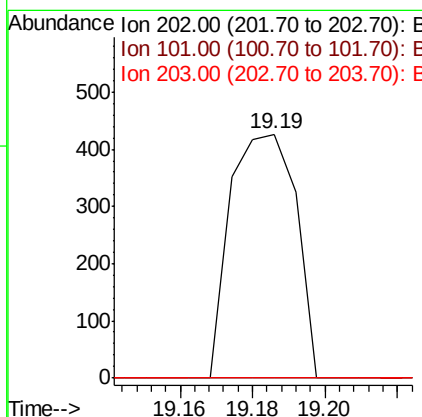
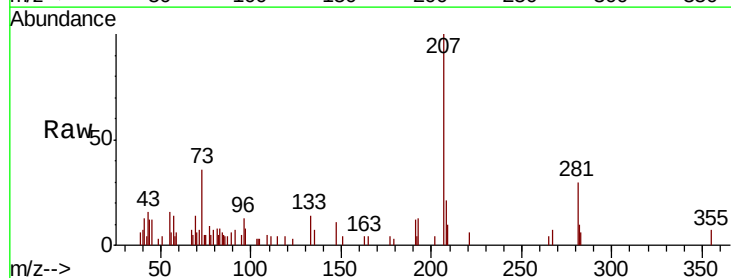
Instrument :
BNA_M
ClientSampleId :
WC-20190208

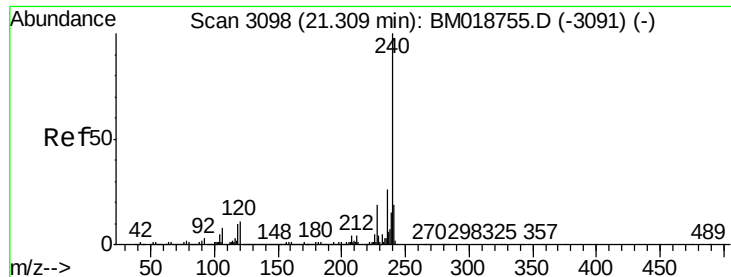
Tgt Ion:149 Resp: 6385
Ion Ratio Lower Upper
149 100
150 12.9 7.4 11.0#
104 11.2 4.3 6.5#



#75
Fluoranthene
Concen: 0.006 ng
RT: 19.19 min Scan# 2737
Delta R.T. 0.01 min
Lab File: BM018810.D
Acq: 13 Feb 2019 20:11

Tgt Ion:202 Resp: 537
Ion Ratio Lower Upper
202 100
101 0.0 0.0 31.5
203 0.0 0.0 37.3

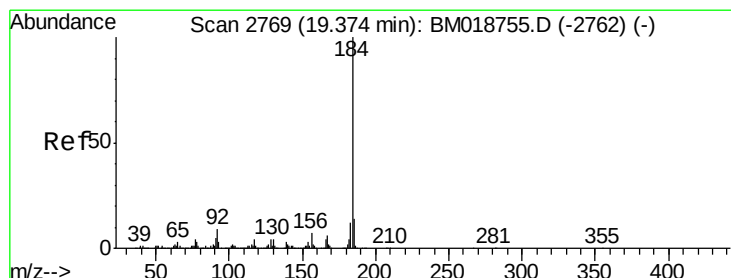
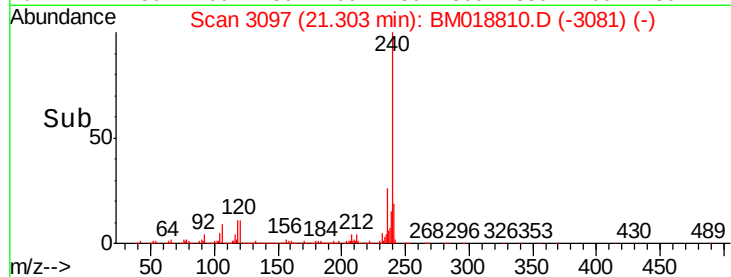
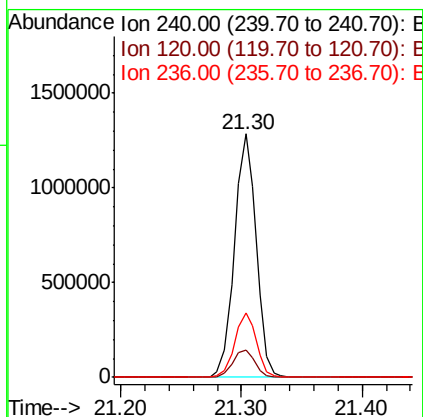
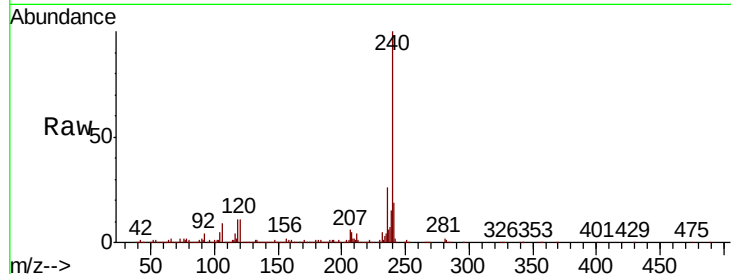




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.30 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM018810.D
Acq: 13 Feb 2019 20:11

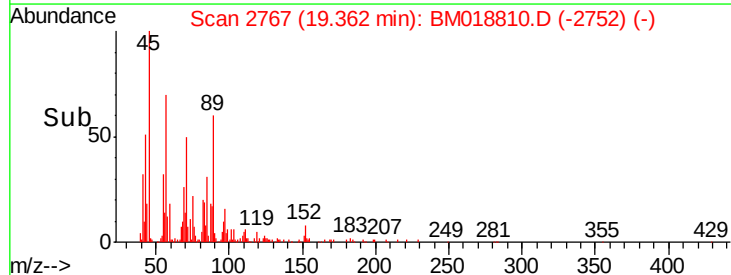
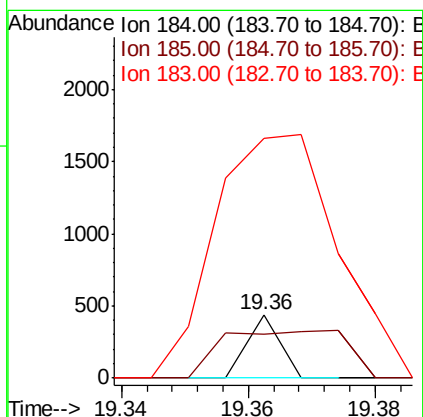
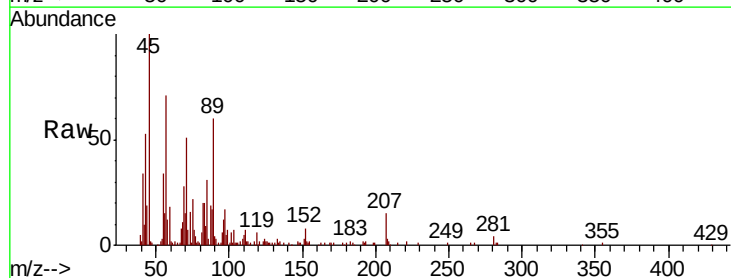
Instrument :
BNA_M
ClientSampleId :
WC-20190208

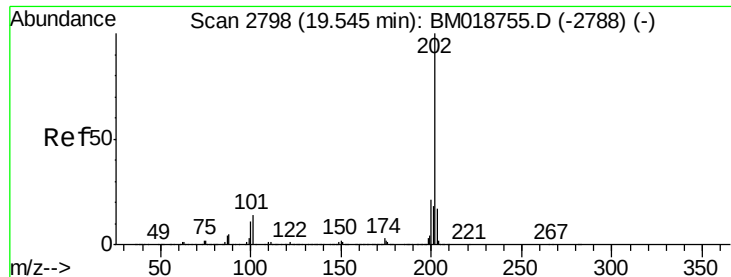
Tgt Ion:240 Resp: 1613511
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 26.2 20.9 31.3



#77
Benzidine
Concen: 0.004 ng
RT: 19.36 min Scan# 2767
Delta R.T. -0.01 min
Lab File: BM018810.D
Acq: 13 Feb 2019 20:11

Tgt Ion:184 Resp: 155
Ion Ratio Lower Upper
184 100
185 69.9 11.2 16.8#
183 379.2 9.7 14.5#





#78

Pyrene

Concen: 0.006 ng

RT: 19.54 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BM018810.D

Acq: 13 Feb 2019 20:11

Instrument :

BNA_M

ClientSampleId :

WC-20190208

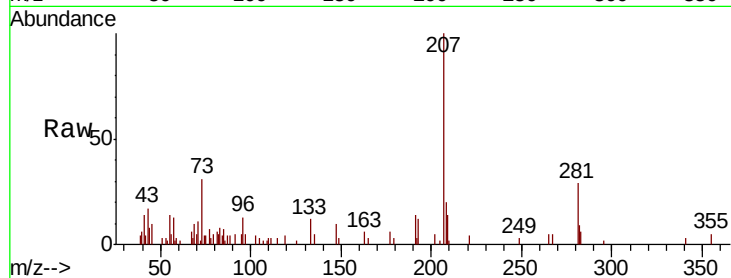
Tgt Ion:202 Resp: 603

Ion Ratio Lower Upper

202 100

200 0.0 16.9 25.3#

203 0.0 13.8 20.8#

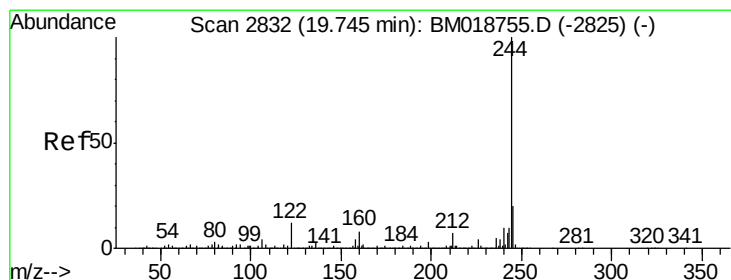
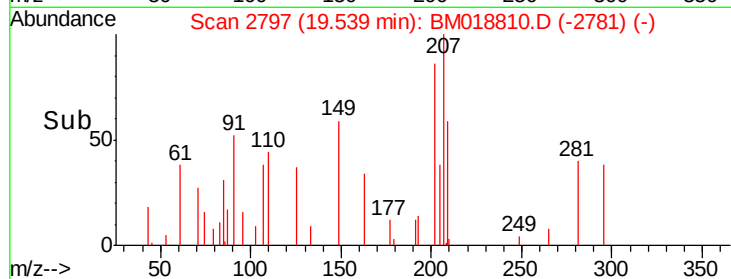
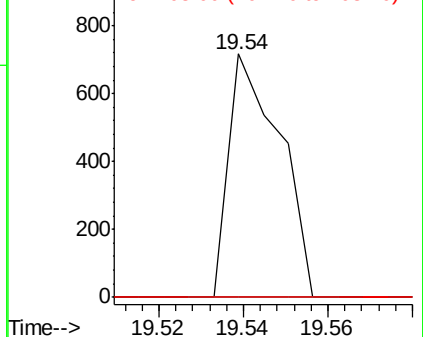


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 103.181 ng

RT: 19.74 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BM018810.D

Acq: 13 Feb 2019 20:11

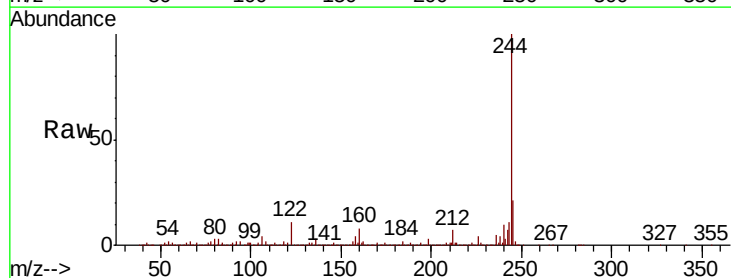
Tgt Ion:244 Resp: 8070394

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

122 11.5 9.3 13.9

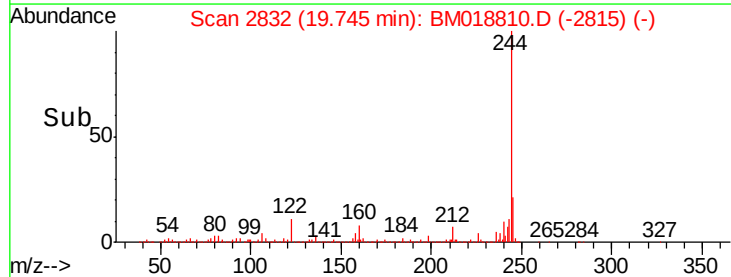
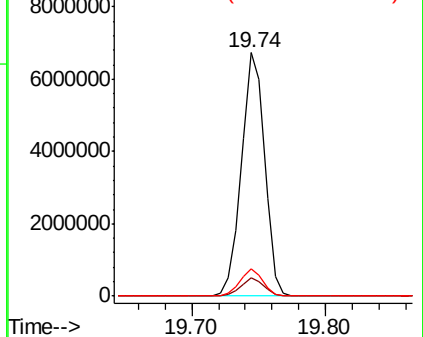


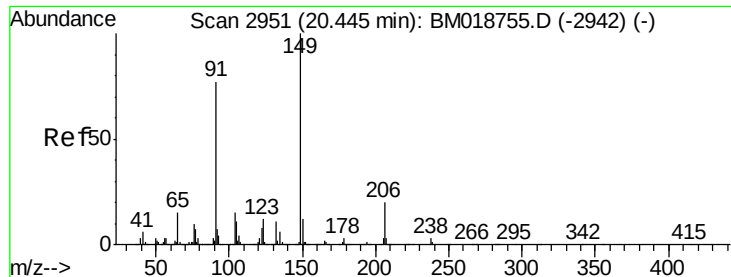
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

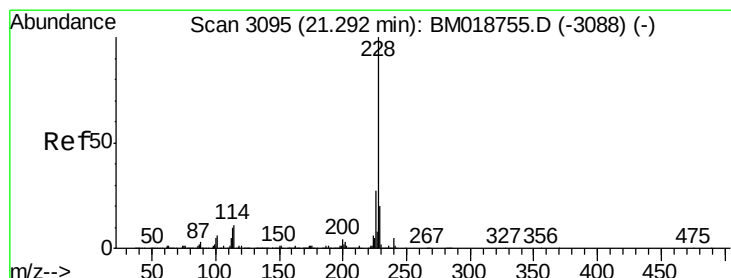
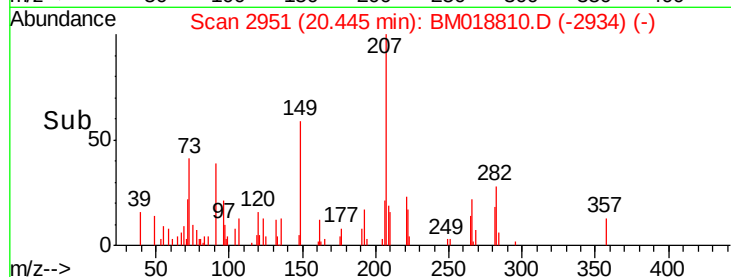
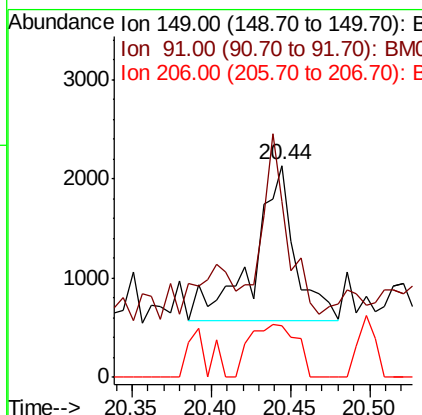
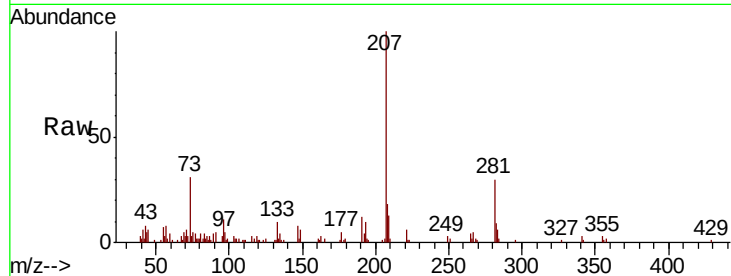




#80
Butylbenzylphthalate
Concen: 0.066 ng
RT: 20.44 min Scan# 2951
Delta R.T. -0.00 min
Lab File: BM018810.D
Acq: 13 Feb 2019 20:11

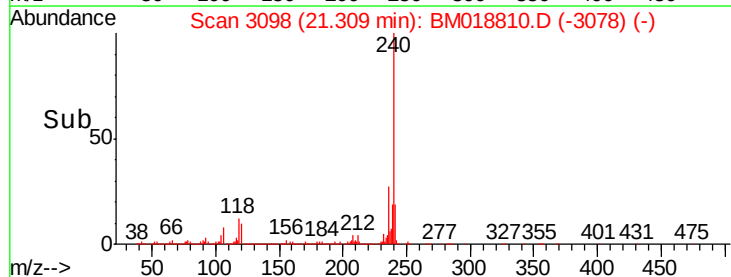
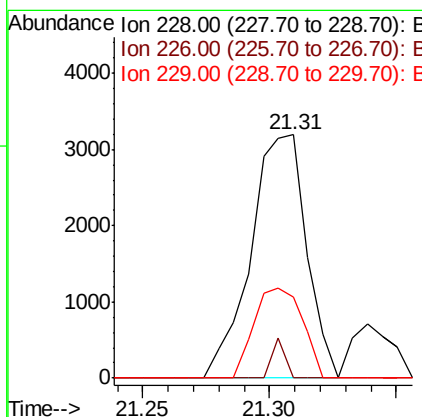
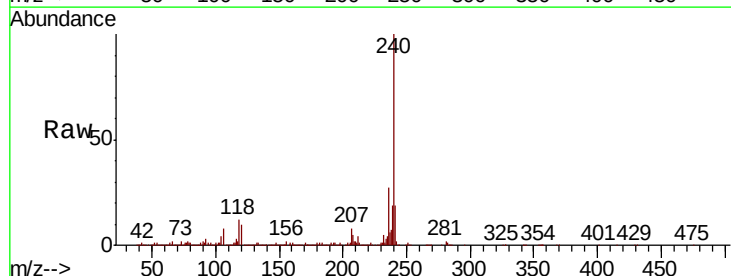
Instrument :
BNA_M
ClientSampleId :
WC-20190208

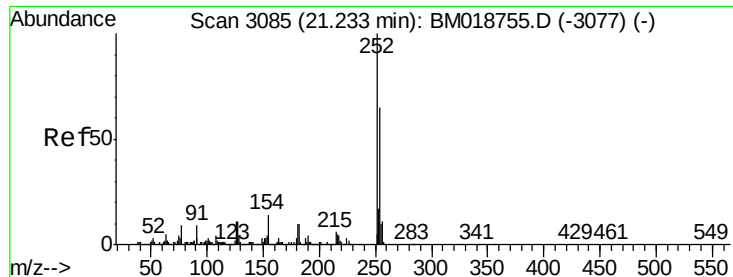
Tgt Ion:149 Resp: 2828
Ion Ratio Lower Upper
149 100
91 82.7 61.4 92.0
206 24.3 15.8 23.8#



#81
Benzo(a)anthracene
Concen: 0.052 ng
RT: 21.31 min Scan# 3098
Delta R.T. 0.02 min
Lab File: BM018810.D
Acq: 13 Feb 2019 20:11

Tgt Ion:228 Resp: 4907
Ion Ratio Lower Upper
228 100
226 0.0 21.9 32.9#
229 33.3 15.9 23.9#





#82

3,3'-Dichlorobenzidine

Concen: 0.003 ng

RT: 21.22 min Scan# 3082

Delta R.T. -0.02 min

Lab File: BM018810.D

Acq: 13 Feb 2019 20:11

Instrument :

BNA_M

ClientSampleId :

WC-20190208

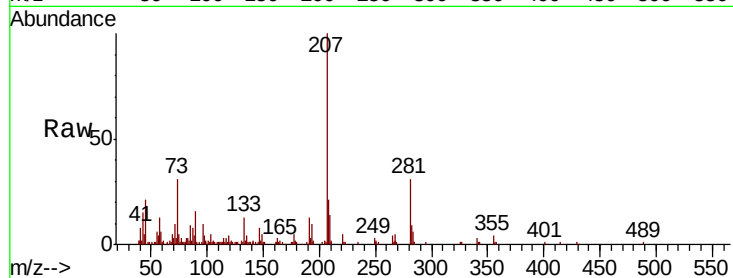
Tgt Ion:252 Resp: 110

Ion Ratio Lower Upper

252 100

254 0.0 51.8 77.8#

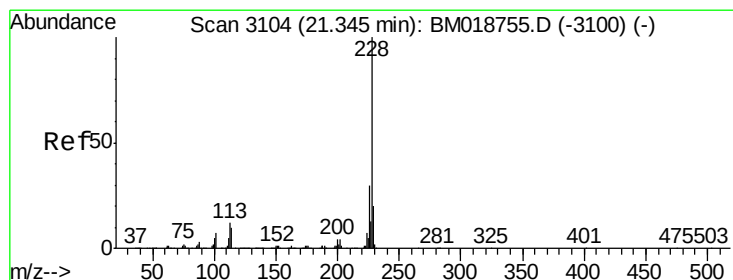
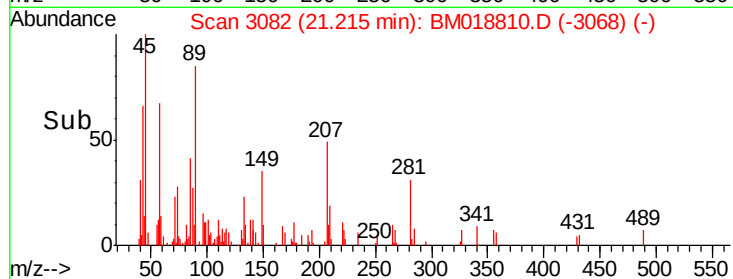
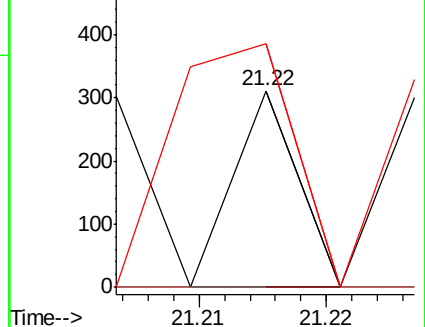
126 124.1 9.1 13.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Chrysene

Concen: 0.009 ng

RT: 21.34 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM018810.D

Acq: 13 Feb 2019 20:11

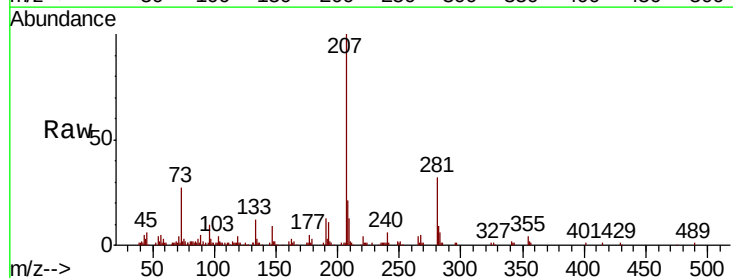
Tgt Ion:228 Resp: 770

Ion Ratio Lower Upper

228 100

226 0.0 24.1 36.1#

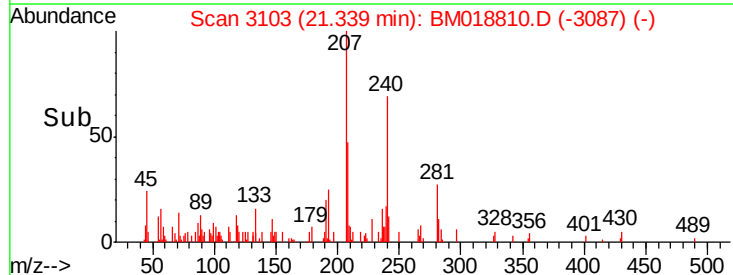
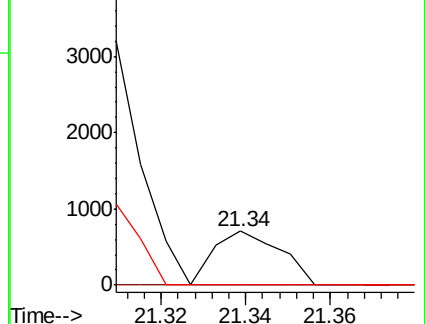
229 0.0 16.0 24.0#

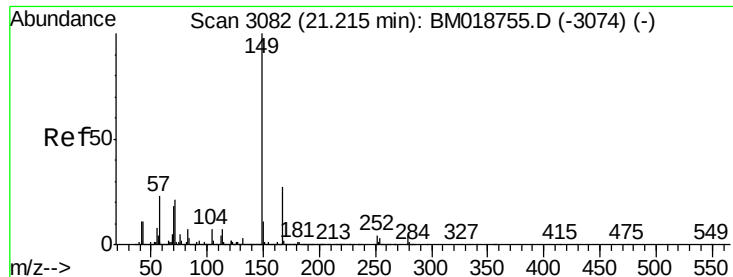


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

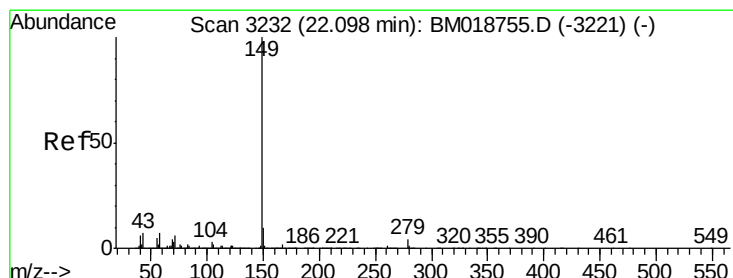
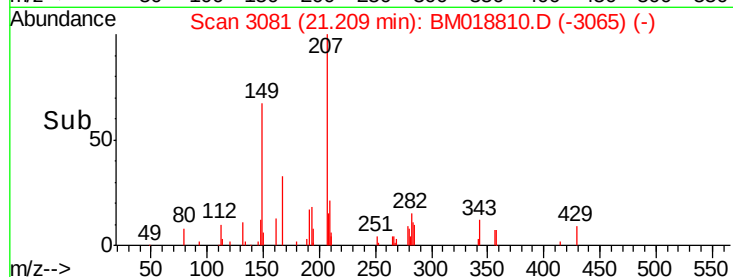
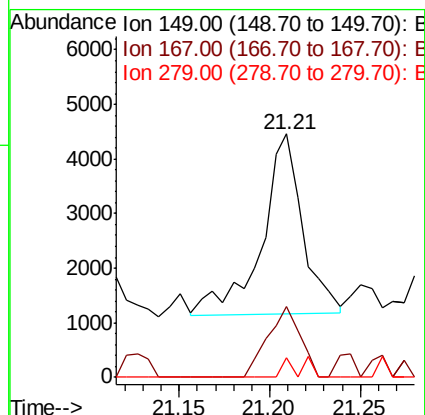
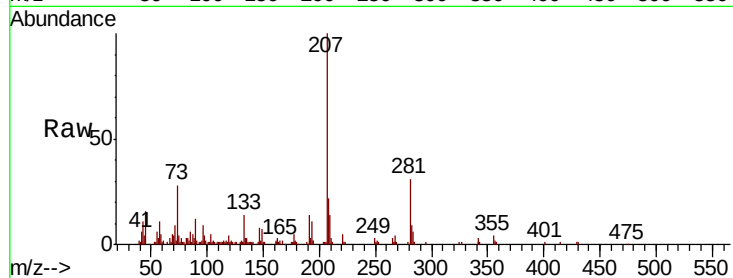




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.083 ng
 RT: 21.21 min Scan# 3081
 Delta R.T. -0.01 min
 Lab File: BM018810.D
 Acq: 13 Feb 2019 20:11

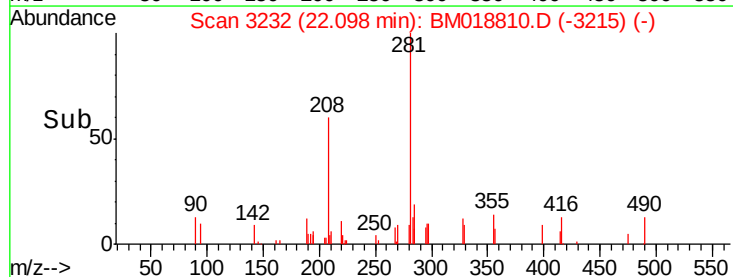
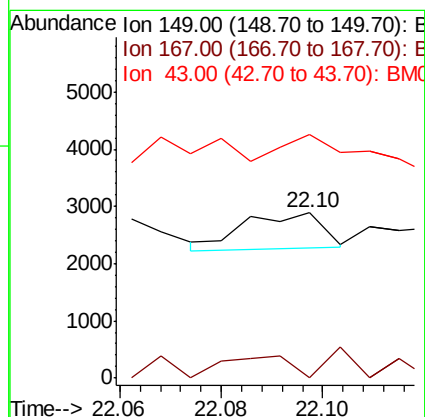
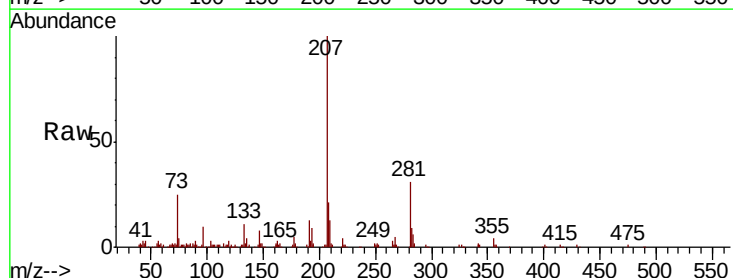
Instrument :
 BNA_M
 ClientSampleId :
 WC-20190208

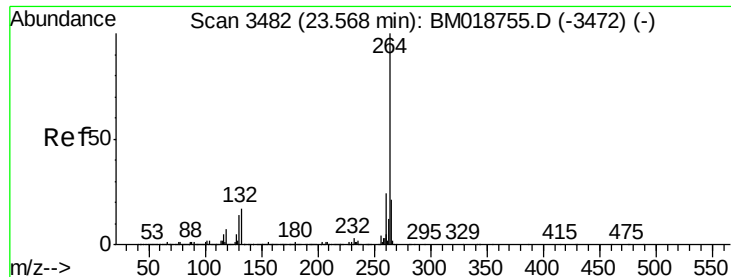
Tgt Ion:149 Resp: 5186
 Ion Ratio Lower Upper
 149 100
 167 29.0 21.8 32.6
 279 8.1 3.6 5.4#



#85
 Di-n-octyl phthalate
 Concen: 0.006 ng
 RT: 22.10 min Scan# 3232
 Delta R.T. -0.00 min
 Lab File: BM018810.D
 Acq: 13 Feb 2019 20:11

Tgt Ion:149 Resp: 672
 Ion Ratio Lower Upper
 149 100
 167 46.3 1.3 1.9#
 43 0.0 6.0 9.0#





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.56 min Scan# 3481

Delta R.T. -0.01 min

Lab File: BM018810.D

Acq: 13 Feb 2019 20:11

Instrument :

BNA_M

ClientSampleId :

WC-20190208

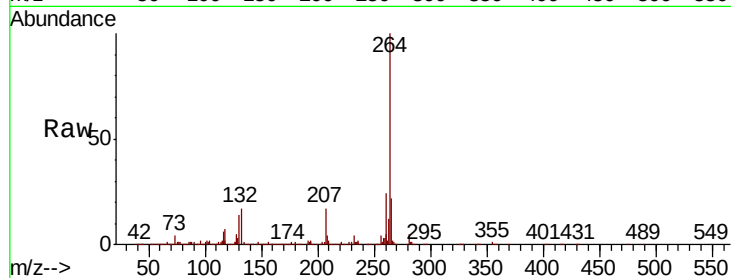
Tgt Ion:264 Resp: 1605221

Ion Ratio Lower Upper

264 100

260 24.3 18.9 28.3

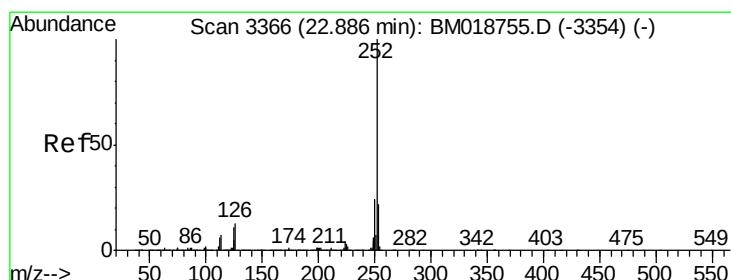
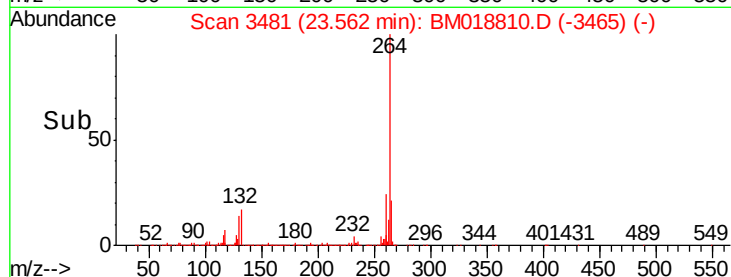
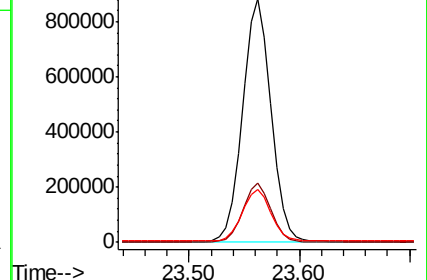
265 21.9 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 0.007 ng

RT: 22.89 min Scan# 3366

Delta R.T. -0.00 min

Lab File: BM018810.D

Acq: 13 Feb 2019 20:11

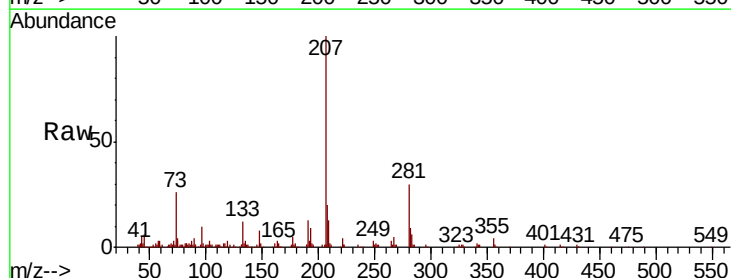
Tgt Ion:252 Resp: 601

Ion Ratio Lower Upper

252 100

253 101.7 17.8 26.6#

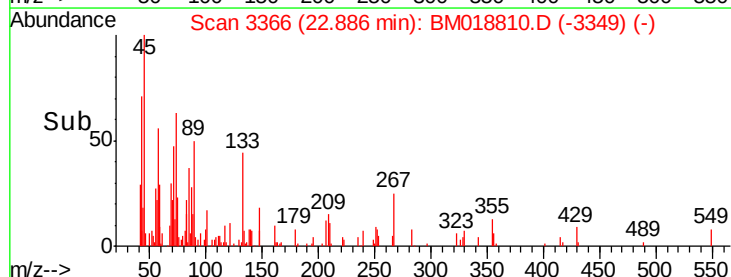
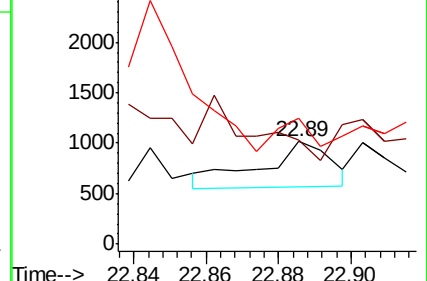
125 122.2 8.6 12.8#

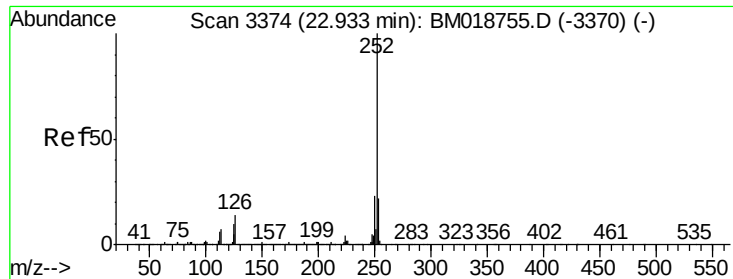


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 0.004 ng

RT: 22.92 min Scan# 3372

Delta R.T. -0.01 min

Lab File: BM018810.D

Acq: 13 Feb 2019 20:11

Instrument :

BNA_M

ClientSampleId :

WC-20190208

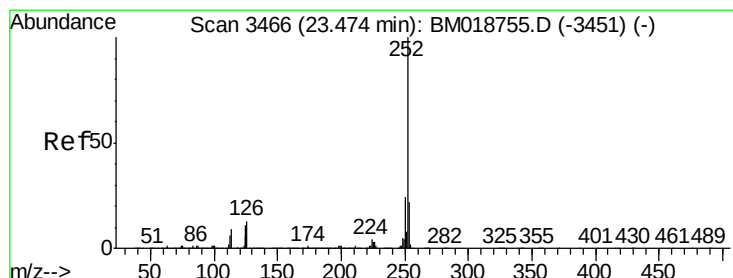
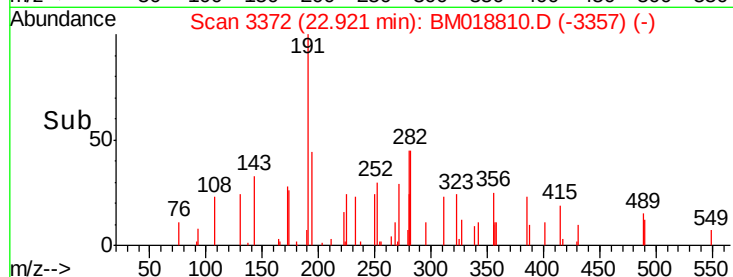
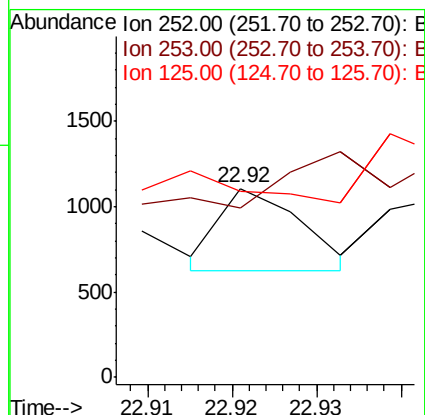
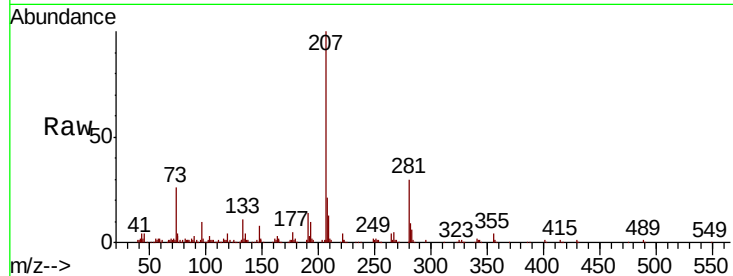
Tgt Ion:252 Resp: 322

Ion Ratio Lower Upper

252 100

253 89.4 17.7 26.5#

125 98.5 8.2 12.4#



#90

Benzo(a)pyrene

Concen: 0.002 ng

RT: 23.46 min Scan# 3463

Delta R.T. -0.02 min

Lab File: BM018810.D

Acq: 13 Feb 2019 20:11

Tgt Ion:252 Resp: 205

Ion Ratio Lower Upper

252 100

253 119.7 17.4 26.0#

125 111.5 8.6 13.0#

