

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021119\
 Data File : BM018768.D
 Acq On : 11 Feb 2019 21:28
 Operator : JU/SJ
 Sample : K1449-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-11-OW

Quant Time: Feb 12 00:46:05 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	7.72	152	329780	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1330263	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	787486	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1849996	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1820383	20.00	ng	0.00
87) Perylene-d12	23.56	264	1547891	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	889609	44.20	ng	0.00
7) Phenol-d6	6.89	99	768098	27.09	ng	0.00
23) Nitrobenzene-d5	8.88	82	2129123	74.01	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	1115108	98.24	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	4332771	73.04	ng	0.00
79) Terphenyl-d14	19.74	244	7264680	82.32	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.23	88	308	0.035	ng	# 1
3) Pyridine	3.66	79	293	0.012	ng	# 1
4) n-Nitrosodimethylamine	3.58	42	378	0.062	ng	# 1
6) Aniline	7.06	93	295	0.008	ng	# 13
8) 2-Chlorophenol	7.28	128	118	0.005	ng	# 1
9) Benzaldehyde	6.91	77	6074	Below Cal		# 7
10) Phenol	6.92	94	182345	6.112	ng	# 97
15) Benzyl Alcohol	8.03	79	32047	1.422	ng	# 45
20) 3+4-Methylphenols	8.52	107	110	0.004	ng	# 1
22) Acetophenone	8.55	105	1902	0.052	ng	# 55
24) Nitrobenzene	8.88	77	8801	0.295	ng	# 39
25) Isophorone	9.45	82	277	0.006	ng	# 68
31) Naphthalene	10.55	128	2033	0.031	ng	# 68
37) 2-Methylnaphthalene	12.19	142	127	0.003	ng	# 15
38) 1-Methylnaphthalene	12.39	142	539	0.012	ng	# 87
46) 1,1'-Biphenyl	13.20	154	7217	0.106	ng	# 92
50) Dimethylphthalate	13.83	163	335239	5.108	ng	# 99
51) 2,6-Dinitrotoluene	13.89	165	484	0.034	ng	# 20
52) Acenaphthene	14.42	154	3218	0.067	ng	# 79
58) Fluorene	15.42	166	1119	0.019	ng	# 91
60) Diethylphthalate	15.19	149	6299	0.093	ng	# 81
63) Azobenzene	15.73	77	2001	0.028	ng	# 1
71) Phenanthrene	17.16	178	5655	0.057	ng	# 99
72) Anthracene	17.25	178	990	0.010	ng	# 61
73) Carbazole	17.53	167	487	0.005	ng	# 58
74) Di-n-butylphthalate	18.08	149	7167	0.062	ng	# 96
75) Fluoranthene	19.18	202	2965	0.026	ng	# 80
78) Pyrene	19.54	202	3164	0.030	ng	# 73
80) Butylbenzylphthalate	20.44	149	2395	0.050	ng	# 83
81) Benzo(a)anthracene	21.30	228	5782	0.054	ng	# 76
82) 3,3'-Dichlorobenzidine	21.25	252	288	0.007	ng	# 26
83) Chrysene	21.33	228	1213	0.012	ng	# 64
84) Bis(2-ethylhexyl)phthalate	21.21	149	12255	0.174	ng	# 99
85) Di-n-octyl phthalate	22.10	149	1817	0.015	ng	# 5

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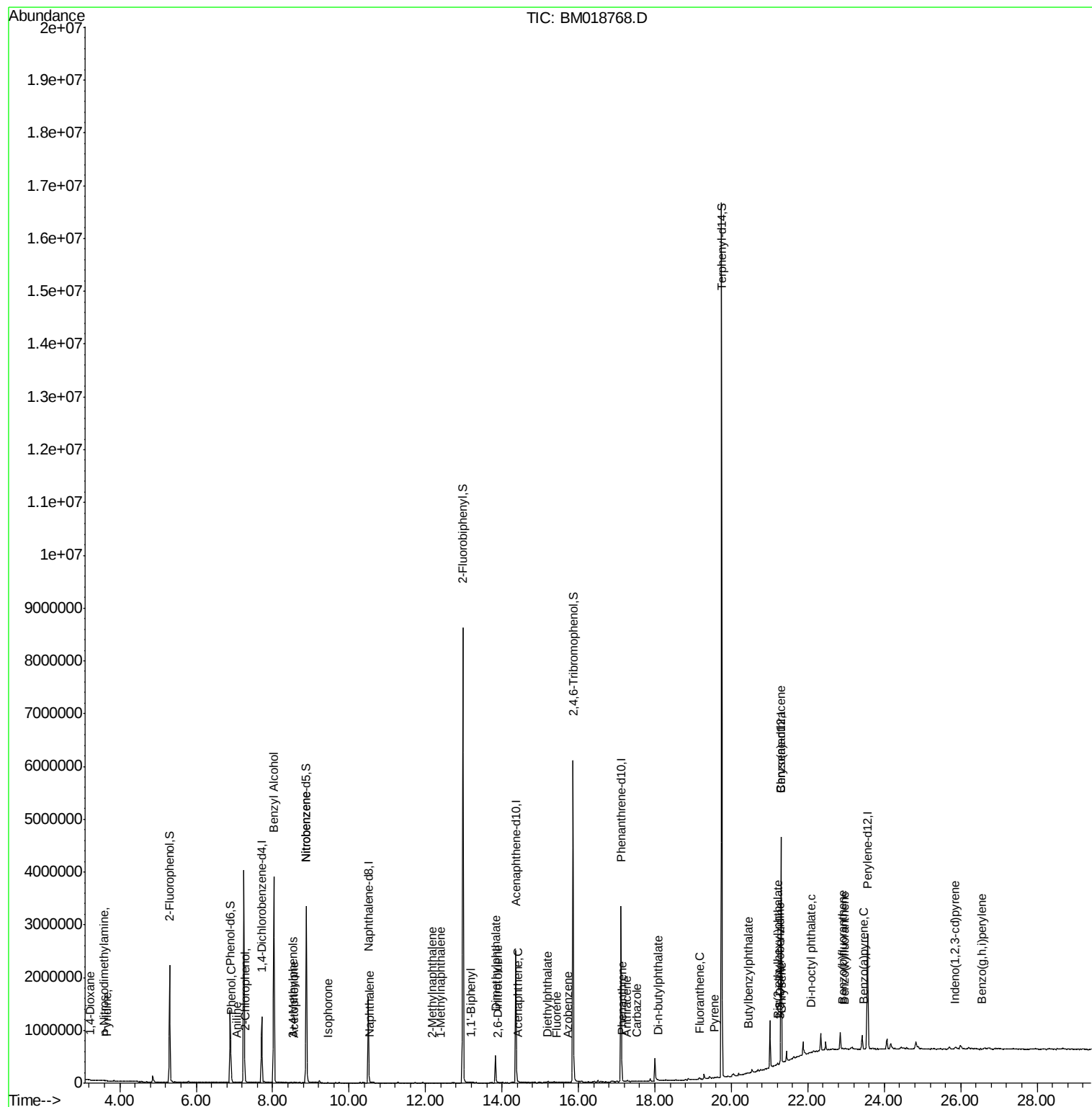
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) Indeno(1,2,3-cd)pyrene	25.84	276	111	0.001	ng	# 50
88) Benzo(b)fluoranthene	22.89	252	2373	0.027	ng	# 1
89) Benzo(k)fluoranthene	22.96	252	417	0.005	ng	# 1
90) Benzo(a)pyrene	23.46	252	503	0.006	ng	# 1
92) Benzo(g,h,i)perylene	26.56	276	124	0.002	ng	# 53

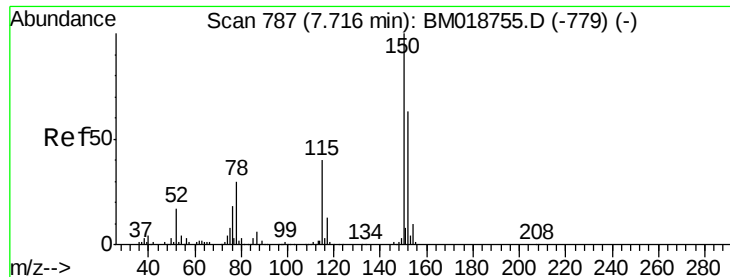
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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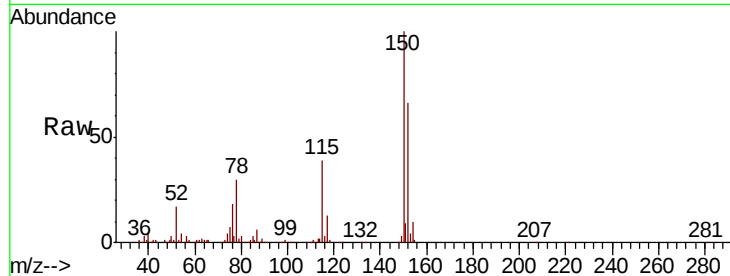


#1

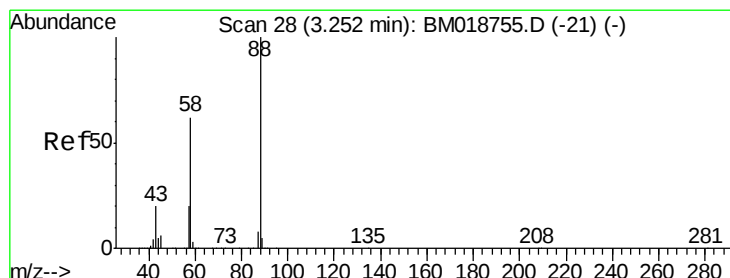
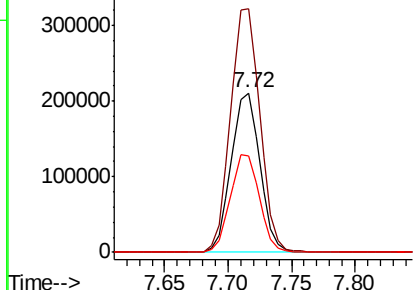
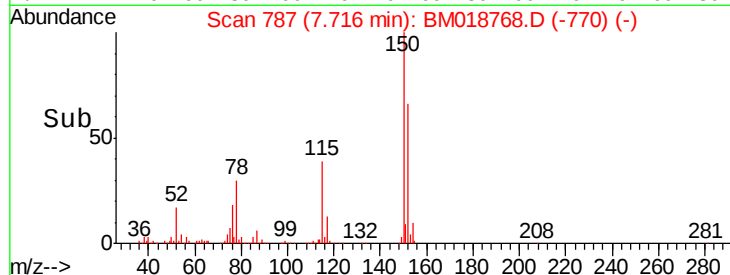
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM018768.D
Acq: 11 Feb 2019 21:28

Instrument :
BNA_M
ClientSampleId :
B-11-OW

Tgt Ion: 152 Resp: 329780
Ion Ratio Lower Upper
152 100
150 152.5 127.3 190.9
115 60.2 50.8 76.2



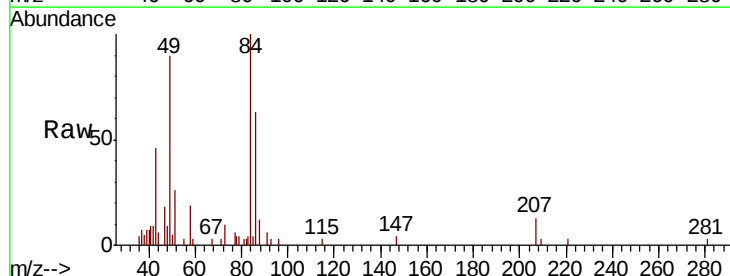
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



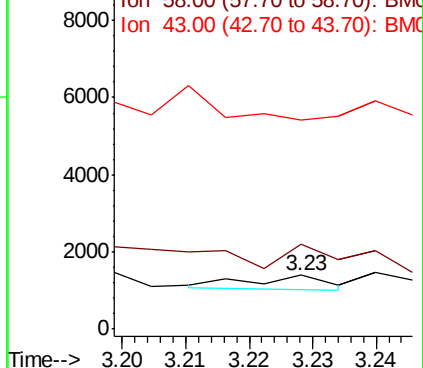
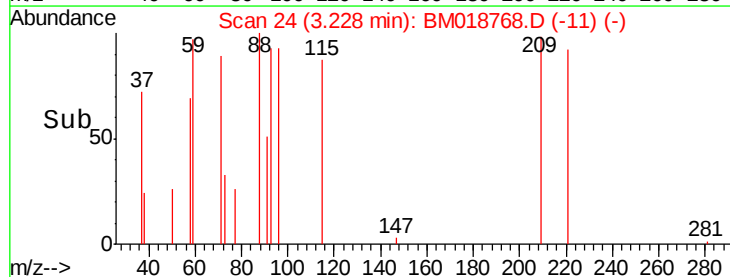
#2

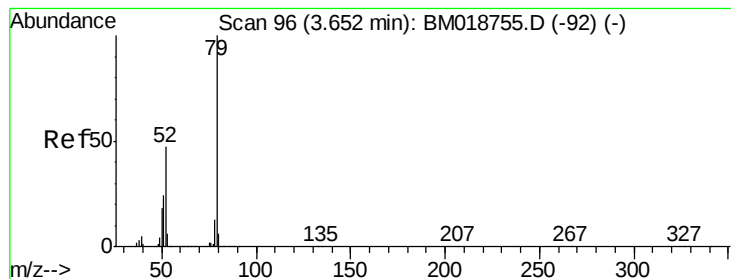
1,4-Dioxane
Concen: 0.035 ng
RT: 3.23 min Scan# 24
Delta R.T. -0.02 min
Lab File: BM018768.D
Acq: 11 Feb 2019 21:28

Tgt Ion: 88 Resp: 308
Ion Ratio Lower Upper
88 100
58 192.5 49.8 74.6#
43 0.0 16.7 25.1#



Abundance Ion 88.00 (87.70 to 88.70): BMC
Ion 58.00 (57.70 to 58.70): BMC
Ion 43.00 (42.70 to 43.70): BMC





#3

Pyridine

Concen: 0.012 ng

RT: 3.66 min Scan# 97

Delta R.T. 0.01 min

Lab File: BM018768.D

Acq: 11 Feb 2019 21:28

Instrument :

BNA_M

ClientSampleId :

B-11-OW

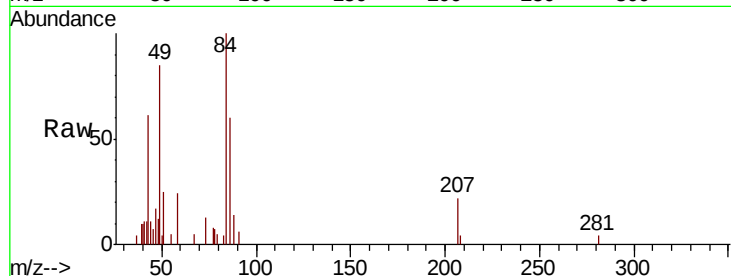
Tgt Ion: 79 Resp: 293

Ion Ratio Lower Upper

79 100

52 0.0 37.6 56.4#

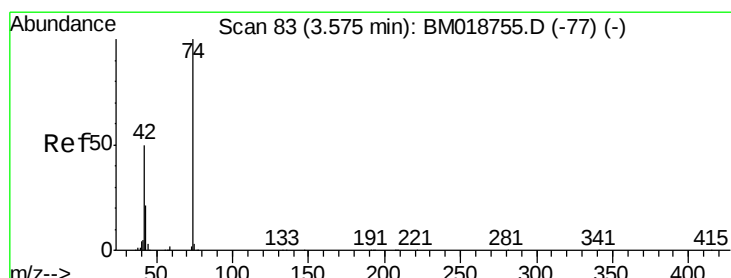
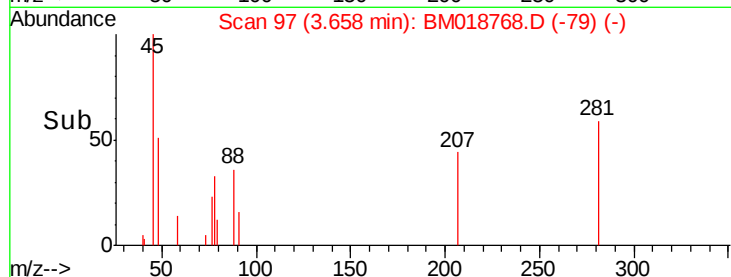
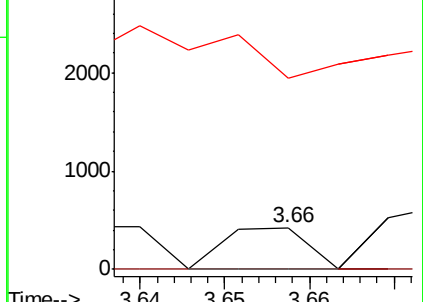
51 457.8 19.7 29.5#



Abundance Ion 79.00 (78.70 to 79.70): BM018755.D (-92) (-)

Ion 52.00 (51.70 to 52.70): BM018755.D (-92) (-)

Ion 51.00 (50.70 to 51.70): BM018755.D (-92) (-)



#4

n-Nitrosodimethylamine

Concen: 0.062 ng

RT: 3.58 min Scan# 83

Delta R.T. -0.00 min

Lab File: BM018768.D

Acq: 11 Feb 2019 21:28

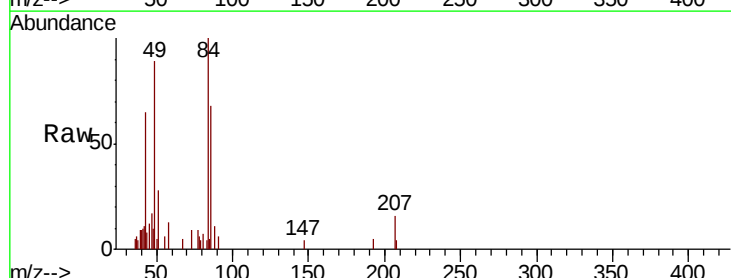
Tgt Ion: 42 Resp: 378

Ion Ratio Lower Upper

42 100

74 0.0 158.1 237.1#

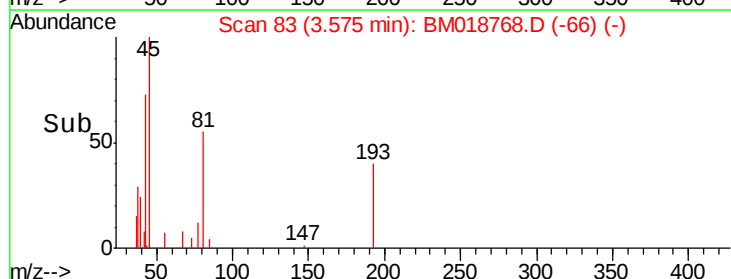
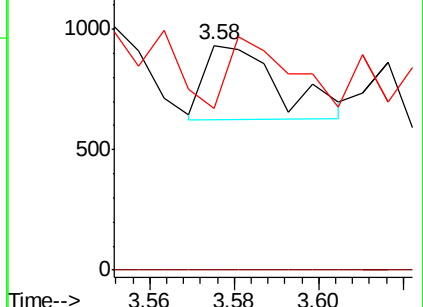
44 71.9 4.9 7.3#

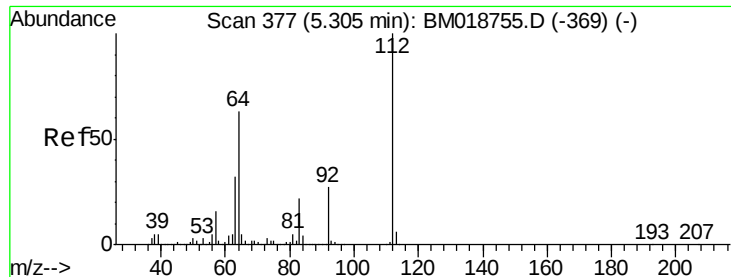


Abundance Ion 42.00 (41.70 to 42.70): BM018755.D (-77) (-)

Ion 74.00 (73.70 to 74.70): BM018755.D (-77) (-)

Ion 44.00 (43.70 to 44.70): BM018755.D (-77) (-)





#5

2-Fluorophenol

Concen: 44.199 ng

RT: 5.30 min Scan# 377

Delta R.T. -0.00 min

Lab File: BM018768.D

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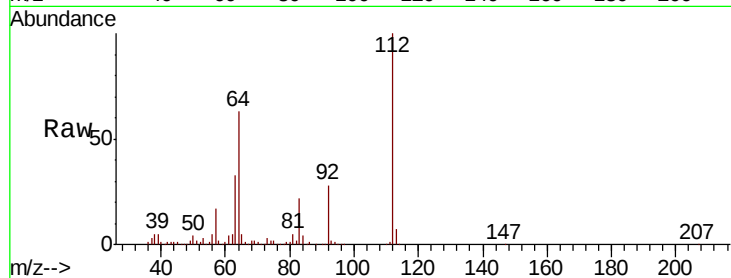
Tgt Ion: 112 Resp: 889609

Ion Ratio Lower Upper

112 100

64 63.0 50.6 75.8

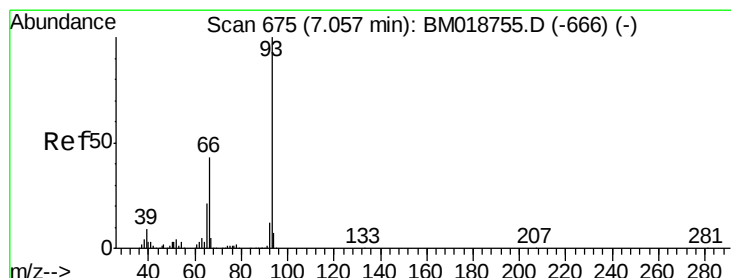
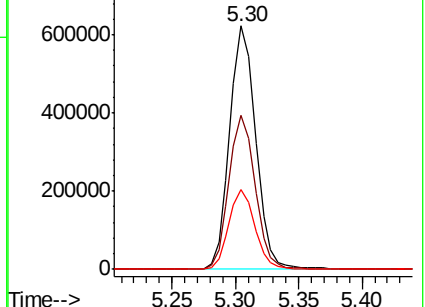
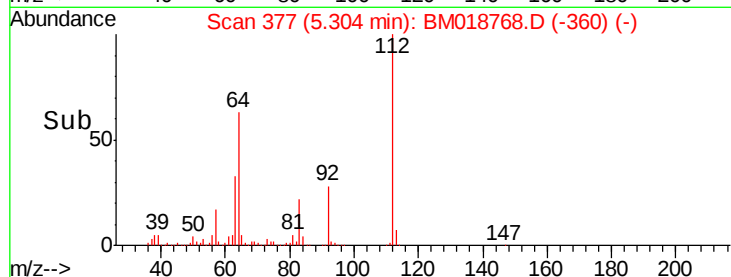
63 32.6 25.7 38.5



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



#6

Aniline

Concen: 0.008 ng

RT: 7.06 min Scan# 676

Delta R.T. 0.01 min

Lab File: BM018768.D

Acq: 11 Feb 2019 21:28

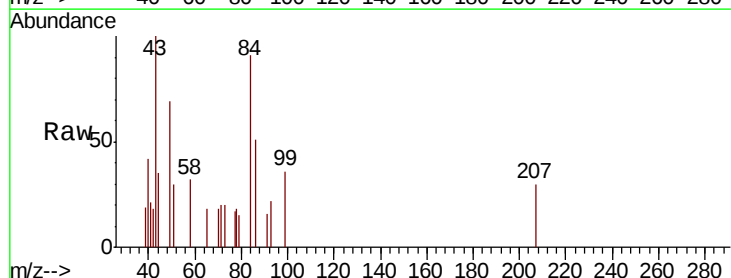
Tgt Ion: 93 Resp: 295

Ion Ratio Lower Upper

93 100

66 0.0 34.1 51.1#

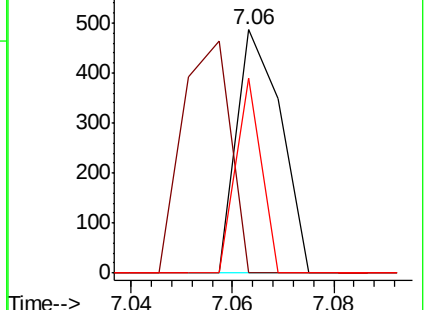
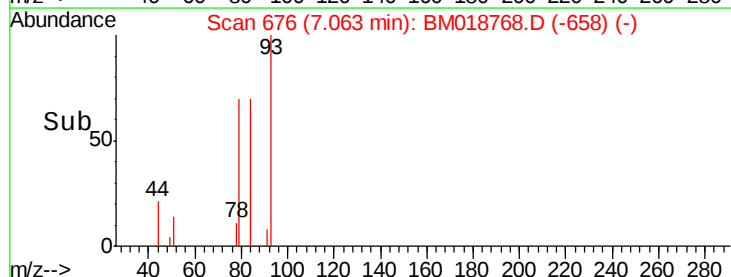
65 80.3 16.6 24.8#

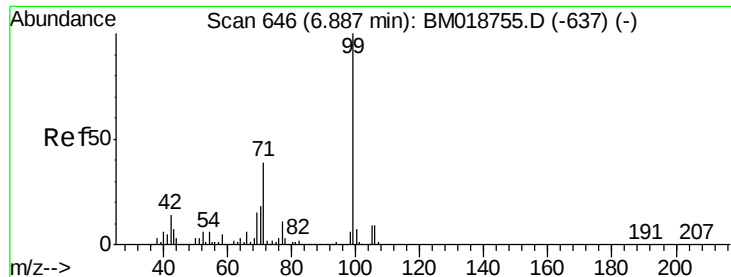


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 27.089 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.00 min

Lab File: BM018768.D

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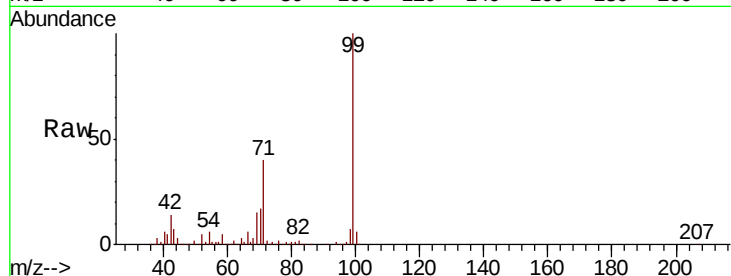
Tgt Ion: 99 Resp: 768098

Ion Ratio Lower Upper

99 100

42 14.0 11.0 16.6

71 39.6 31.3 46.9

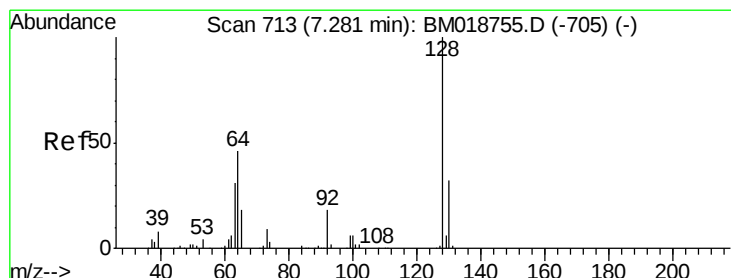
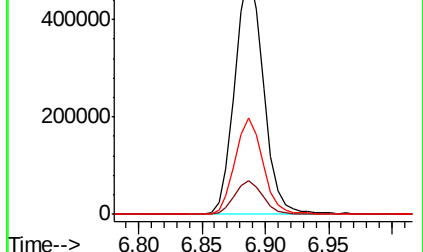
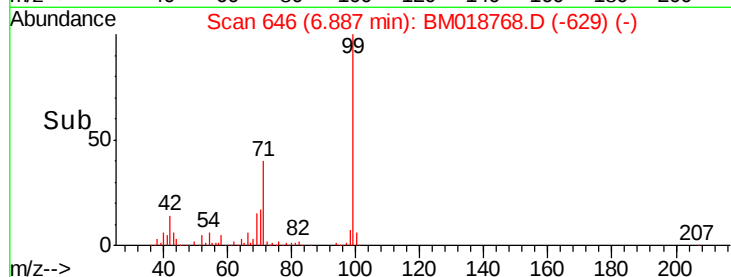


Abundance Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)

6.89



#8

2-Chlorophenol

Concen: 0.005 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BM018768.D

Acq: 11 Feb 2019 21:28

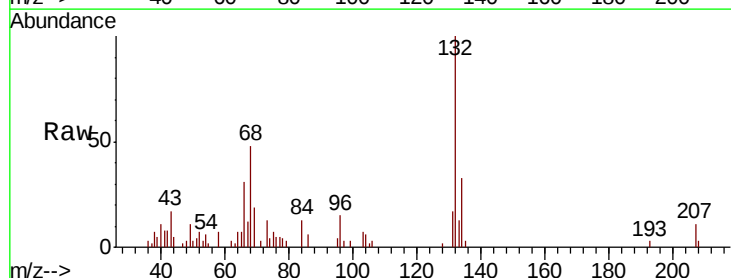
Tgt Ion: 128 Resp: 118

Ion Ratio Lower Upper

128 100

130 0.0 11.7 51.7#

64 282.7 31.0 71.0#

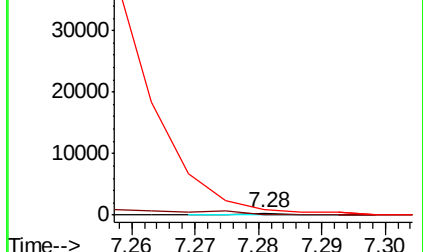
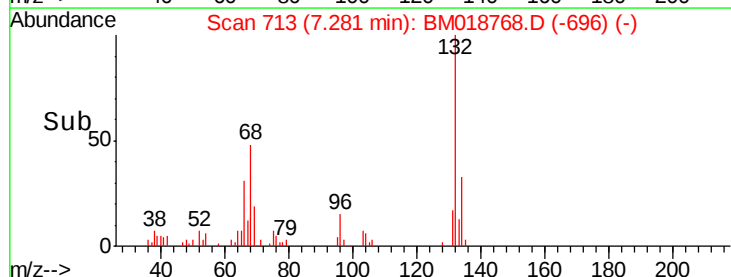


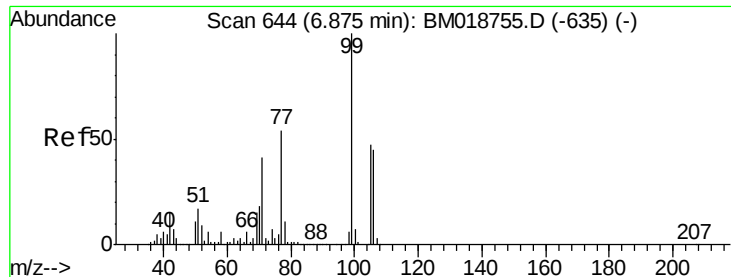
Abundance Ion 128.00 (127.70 to 128.70): BM018755.D (-705) (-)

Ion 130.00 (129.70 to 130.70): BM018755.D (-705) (-)

Ion 64.00 (63.70 to 64.70): BM018755.D (-705) (-)

7.28





#9

Benzaldehyde

Concen: Below Cal

RT: 6.91 min Scan# 650

Delta R.T. 0.04 min

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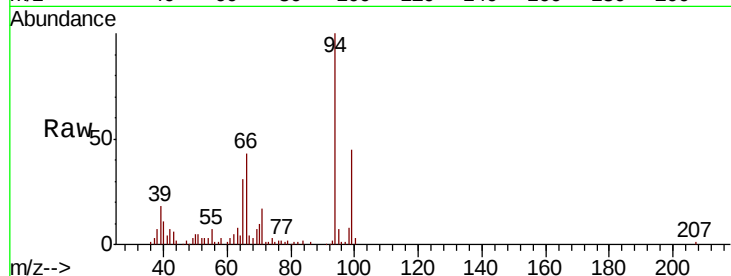
Tgt Ion: 77 Resp: 6074

Ion Ratio Lower Upper

77 100

105 0.0 67.3 107.3#

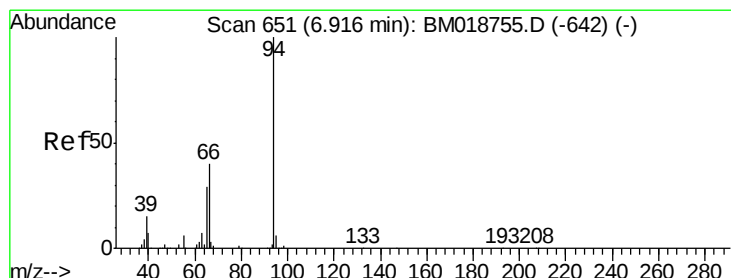
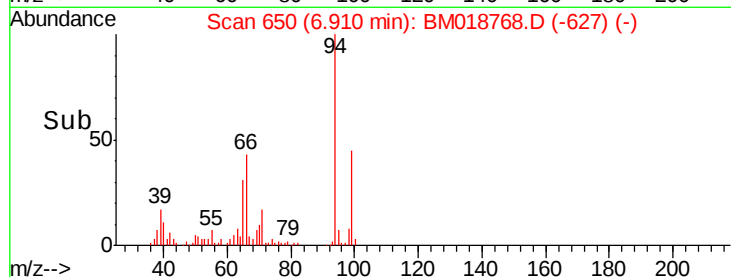
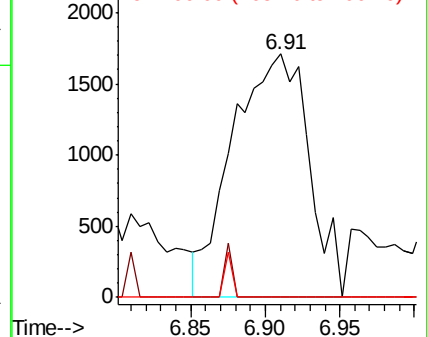
106 0.0 62.9 102.9#



Abundance Ion 77.00 (76.70 to 77.70): BM018755.D (-635) (-)

Ion 105.00 (104.70 to 105.70): BM018755.D (-635) (-)

Ion 106.00 (105.70 to 106.70): BM018755.D (-635) (-)



#10

Phenol

Concen: 6.112 ng

RT: 6.92 min Scan# 651

Delta R.T. -0.00 min

Lab File: BM018768.D

Acq: 11 Feb 2019 21:28

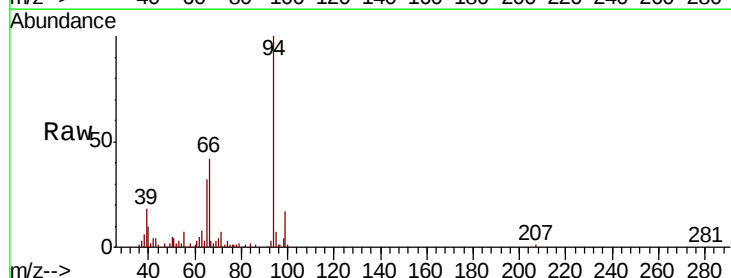
Tgt Ion: 94 Resp: 182345

Ion Ratio Lower Upper

94 100

65 31.5 9.6 49.6

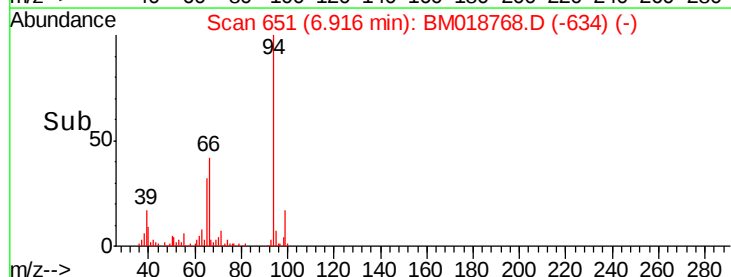
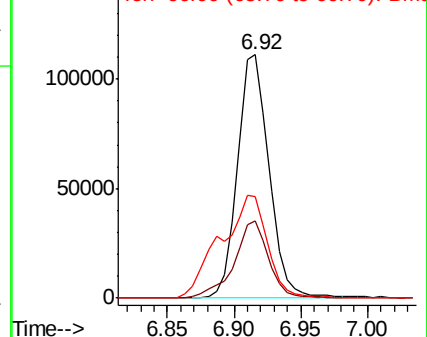
66 41.7 20.4 60.4

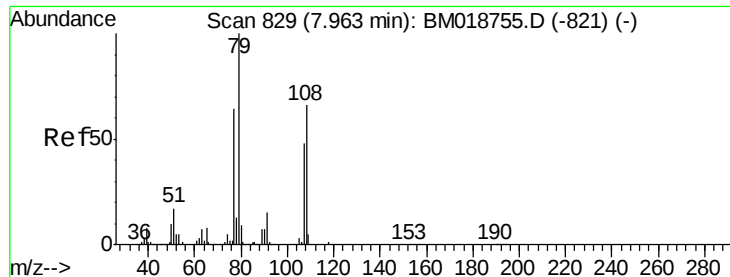


Abundance Ion 94.00 (93.70 to 94.70): BM018755.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM018755.D (-642) (-)





#15

Benzyl Alcohol

Concen: 1.422 ng

RT: 8.03 min Scan# 841

Delta R.T. 0.07 min

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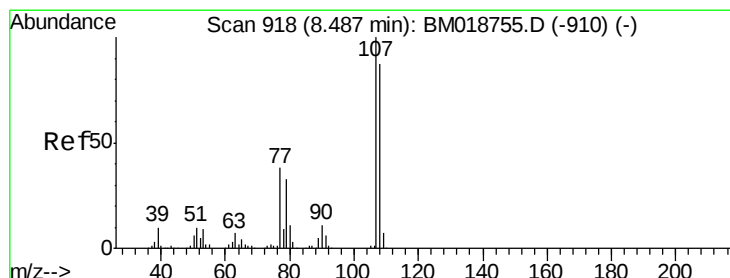
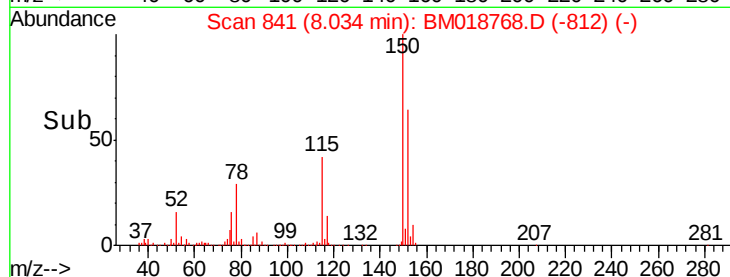
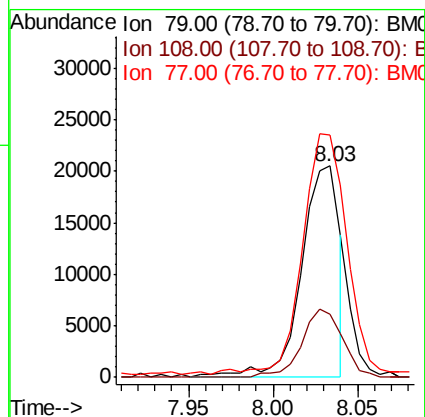
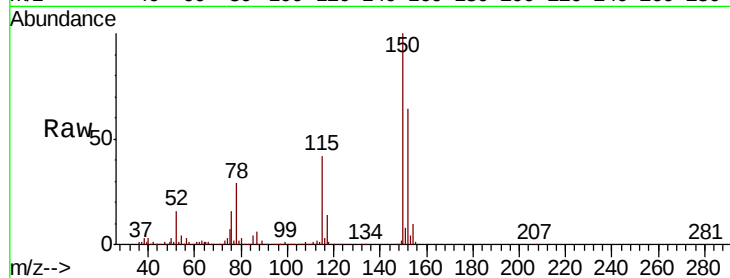
Tgt Ion: 79 Resp: 32047

Ion Ratio Lower Upper

79 100

108 29.8 52.7 79.1#

77 114.6 51.0 76.4#



#20

3+4-Methylphenols

Concen: 0.004 ng

RT: 8.52 min Scan# 924

Delta R.T. 0.04 min

Lab File: BM018768.D

Acq: 11 Feb 2019 21:28

Tgt Ion: 107 Resp: 110

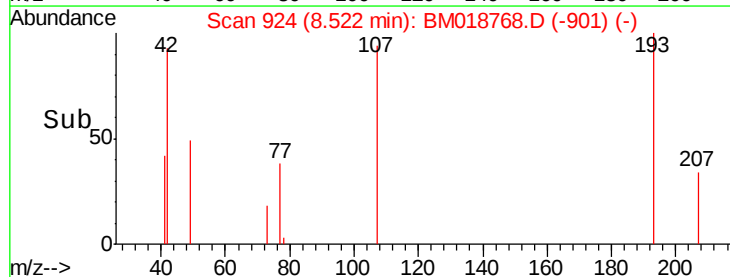
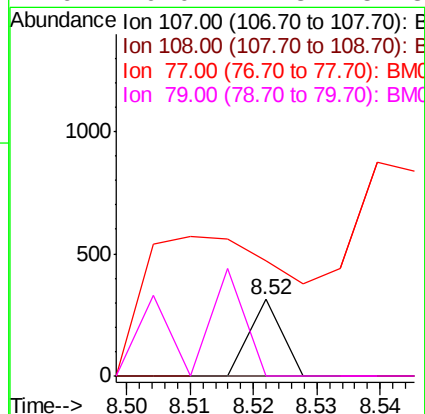
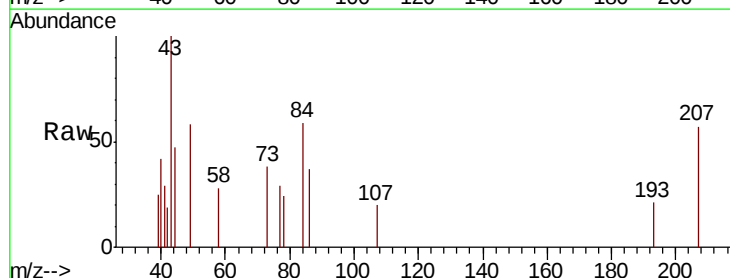
Ion Ratio Lower Upper

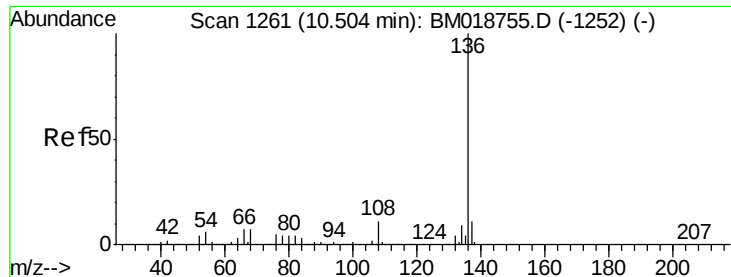
107 100

108 0.0 67.3 107.3#

77 150.5 18.0 58.0#

79 0.0 12.8 52.8#

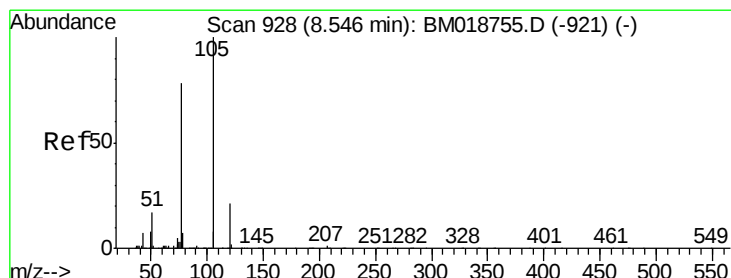
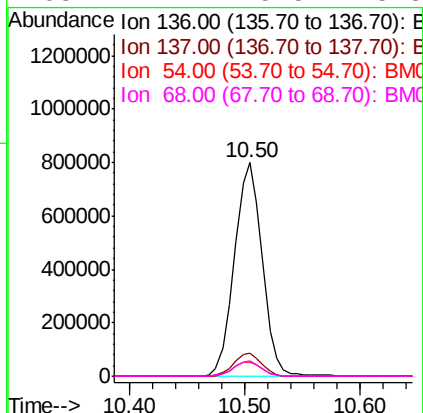
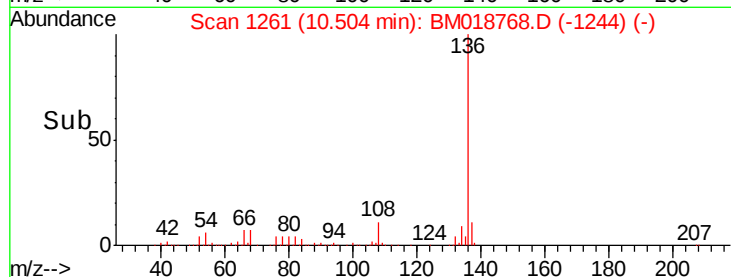
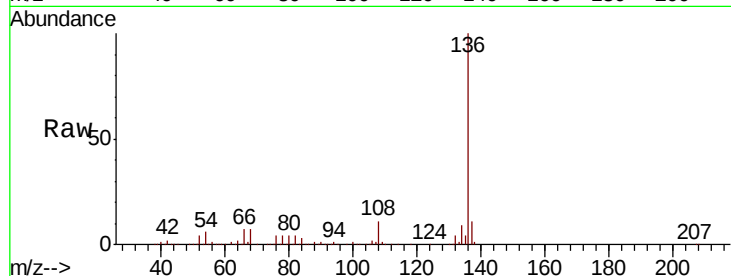




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BM018768.D
Acq: 11 Feb 2019 21:28

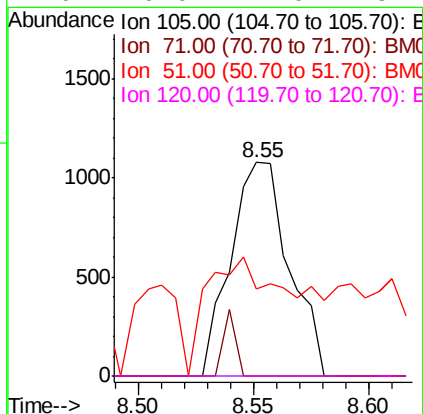
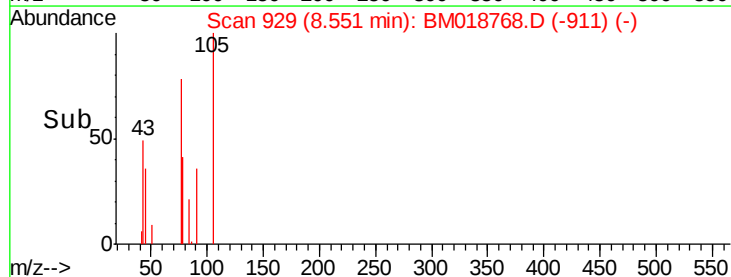
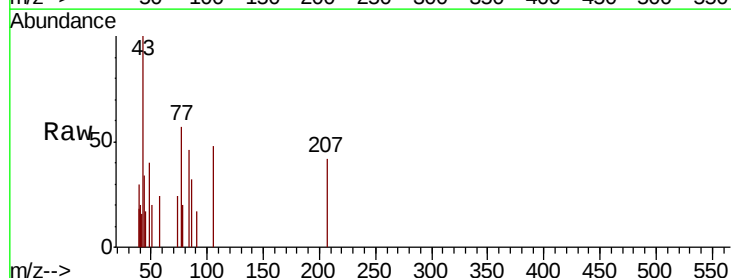
Instrument :
BNA_M
ClientSampleId :
B-11-OW

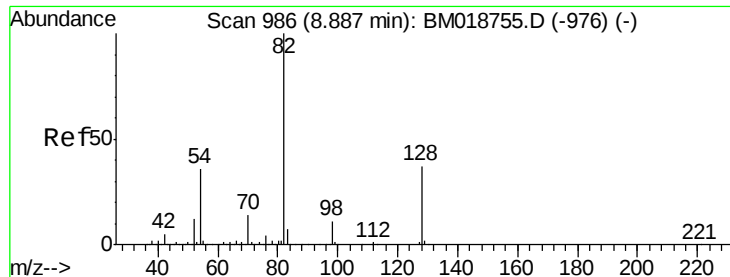
Tgt Ion:136 Resp: 1330263
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.3 5.0 7.6
68 7.2 5.5 8.3



#22
Acetophenone
Concen: 0.052 ng
RT: 8.55 min Scan# 929
Delta R.T. 0.01 min
Lab File: BM018768.D
Acq: 11 Feb 2019 21:28

Tgt Ion:105 Resp: 1902
Ion Ratio Lower Upper
105 100
71 0.0 1.1 1.7#
51 40.9 15.5 23.3#
120 0.0 17.0 25.4#

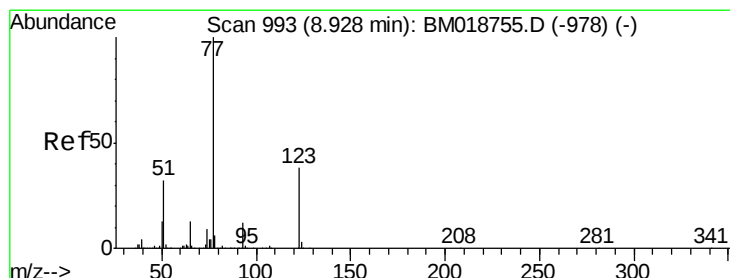
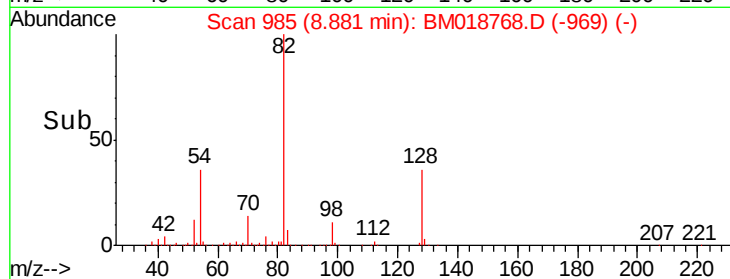
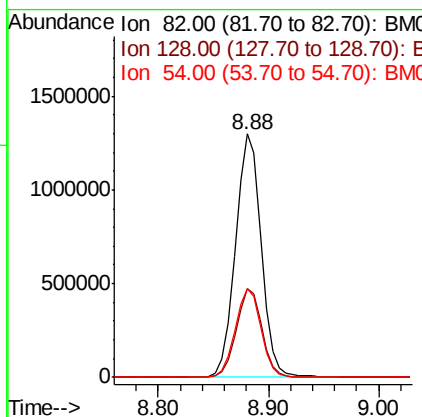
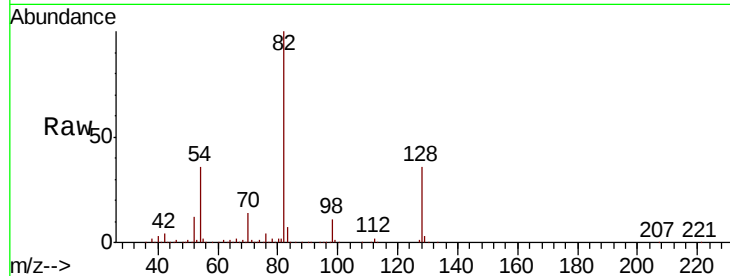




#23
 Nitrobenzene-d5
 Concen: 74.006 ng
 RT: 8.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BM018768.D
 Acq: 11 Feb 2019 21:28

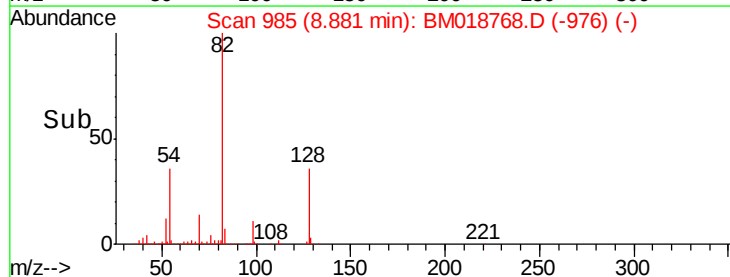
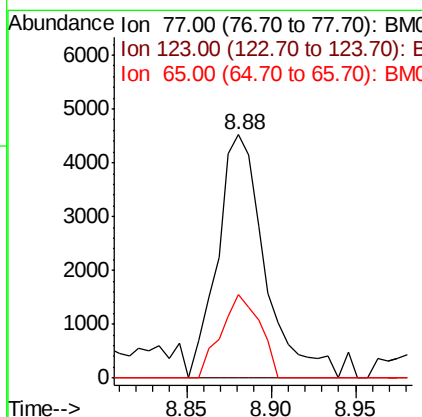
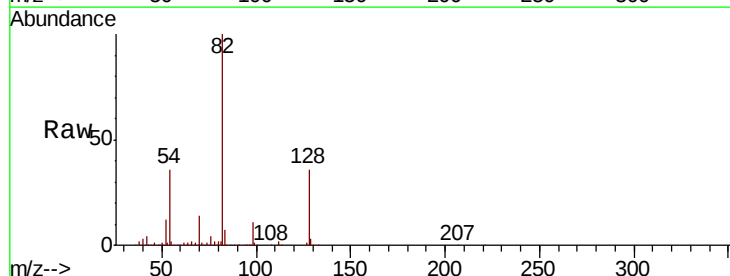
Instrument :
 BNA_M
 ClientSampleId :
 B-11-OW

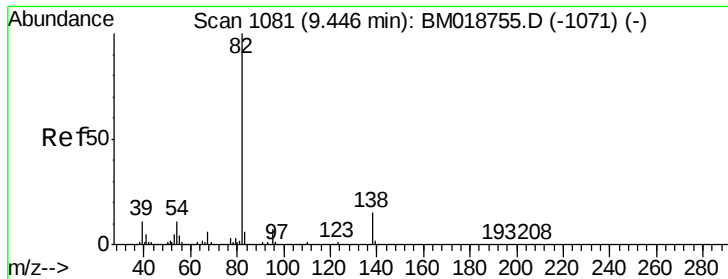
Tgt Ion: 82 Resp: 2129123
 Ion Ratio Lower Upper
 82 100
 128 36.3 29.9 44.9
 54 36.5 29.1 43.7



#24
 Nitrobenzene
 Concen: 0.295 ng
 RT: 8.88 min Scan# 985
 Delta R.T. -0.05 min
 Lab File: BM018768.D
 Acq: 11 Feb 2019 21:28

Tgt Ion: 77 Resp: 8801
 Ion Ratio Lower Upper
 77 100
 123 0.0 30.7 46.1#
 65 34.4 10.5 15.7#





#25

Isophorone

Concen: 0.006 ng

RT: 9.45 min Scan# 1082

Delta R.T. 0.01 min

Lab File: BM018768.D

Acq: 11 Feb 2019 21:28

Instrument :

BNA_M

ClientSampleId :

B-11-OW

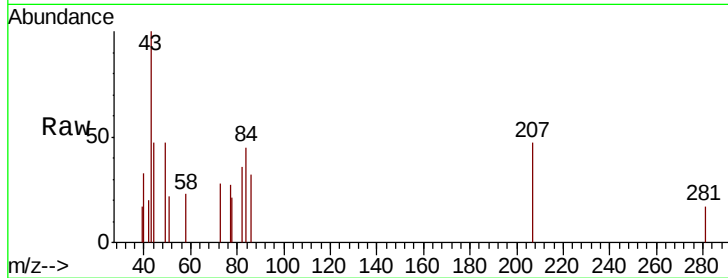
Tgt Ion: 82 Resp: 277

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 12.3 18.5#

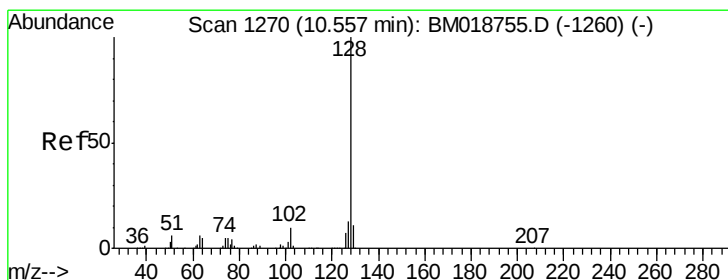
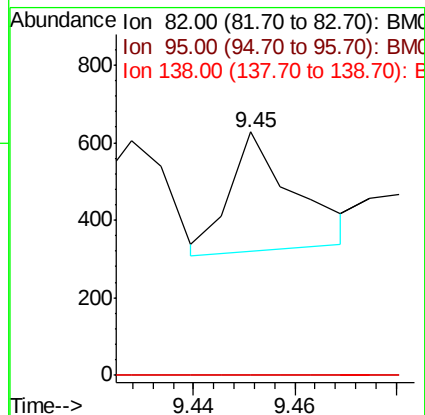
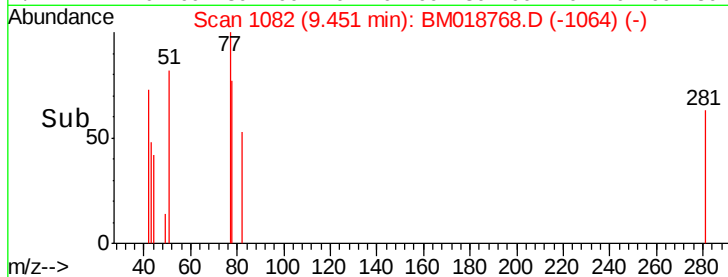


Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-1071) (-)

Ion 95.00 (94.70 to 95.70): BM018755.D (-1071) (-)

Ion 138.00 (137.70 to 138.70): BM018755.D (-1071) (-)

Time-->



#31

Naphthalene

Concen: 0.031 ng

RT: 10.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BM018768.D

Acq: 11 Feb 2019 21:28

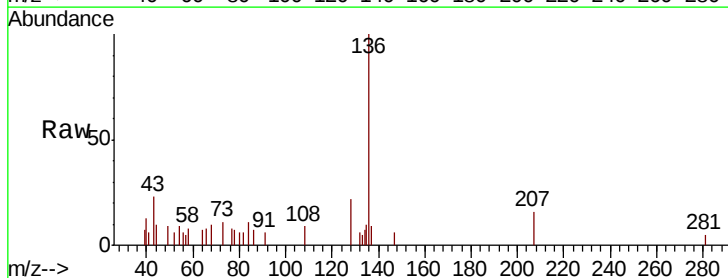
Tgt Ion: 128 Resp: 2033

Ion Ratio Lower Upper

128 100

129 0.0 9.0 13.4#

127 0.0 10.7 16.1#

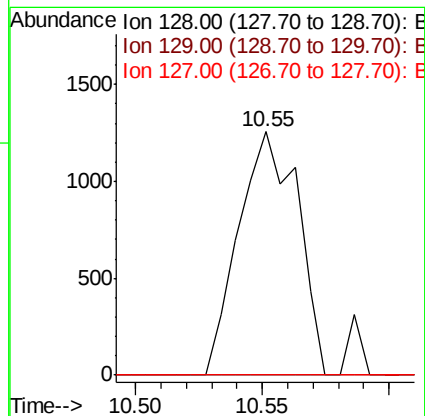
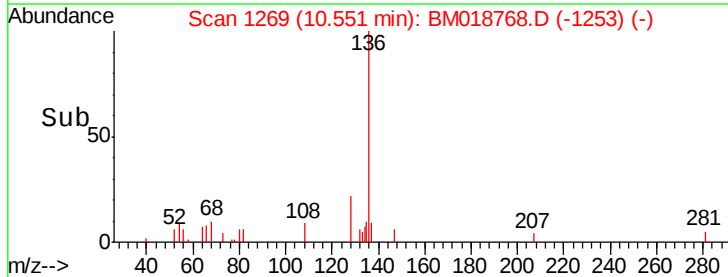


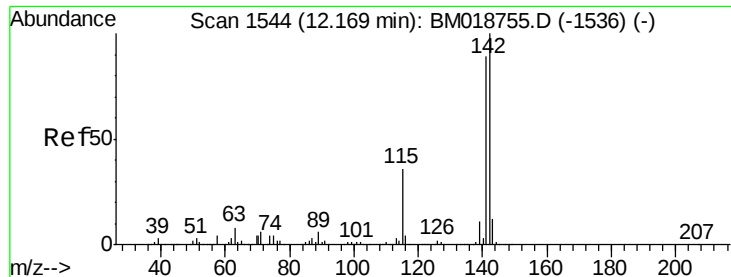
Abundance Ion 128.00 (127.70 to 128.70): BM018755.D (-1260) (-)

Ion 129.00 (128.70 to 129.70): BM018755.D (-1260) (-)

Ion 127.00 (126.70 to 127.70): BM018755.D (-1260) (-)

Time-->

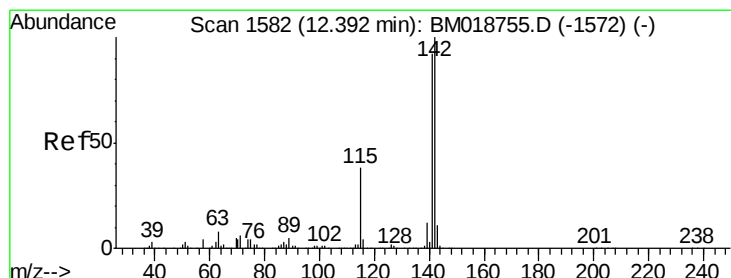
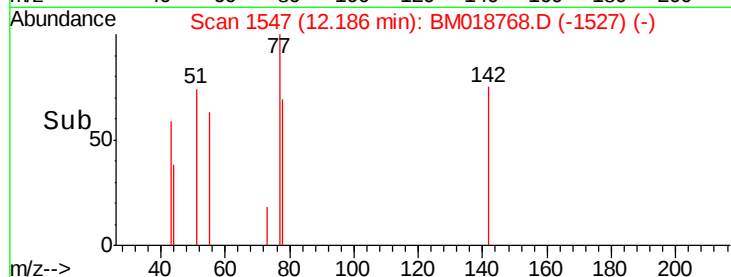
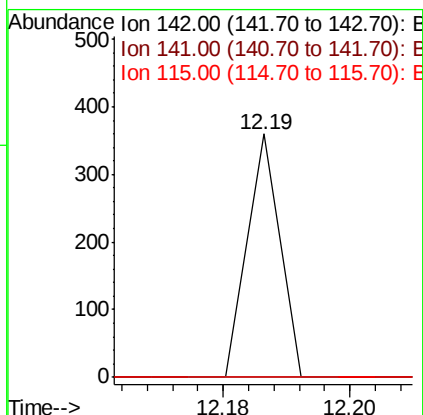
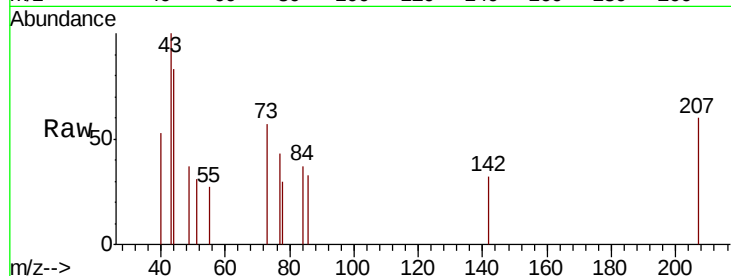




#37
 2-Methylnaphthalene
 Concen: 0.003 ng
 RT: 12.19 min Scan# 1547
 Delta R.T. 0.02 min
 Lab File: BM018768.D
 Acq: 11 Feb 2019 21:28

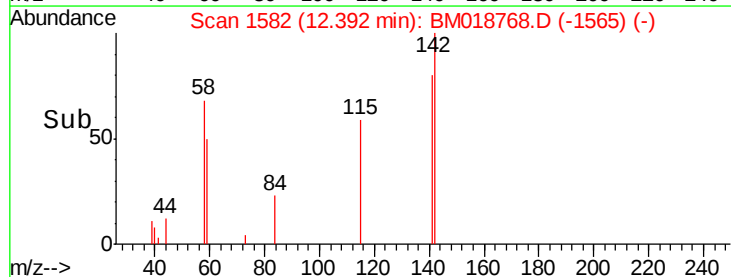
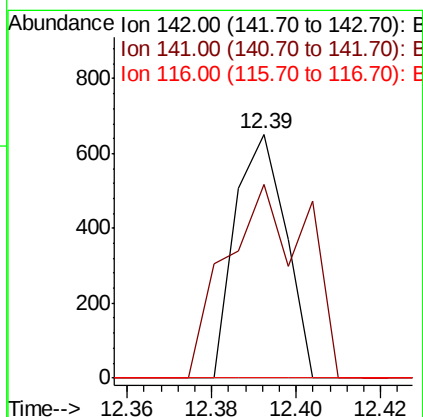
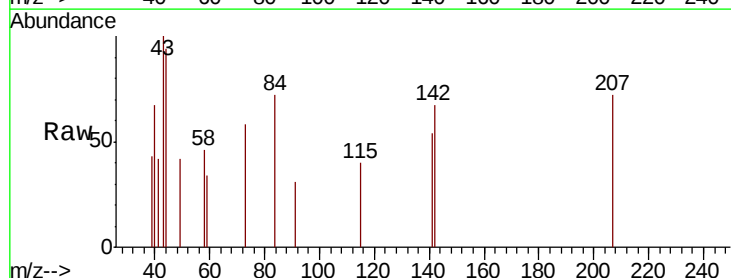
Instrument :
 BNA_M
 ClientSampleId :
 B-11-OW

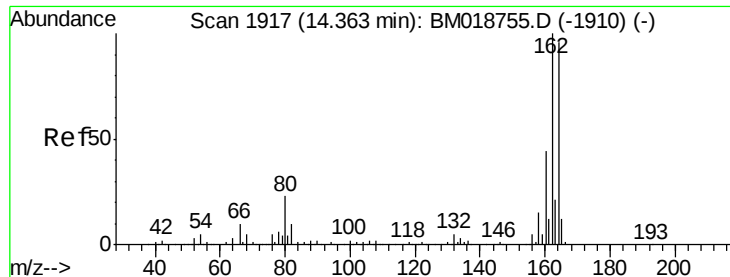
Tgt Ion:142 Resp: 127
 Ion Ratio Lower Upper
 142 100
 141 0.0 71.2 106.8#
 115 0.0 29.1 43.7#



#38
 1-Methylnaphthalene
 Concen: 0.012 ng
 RT: 12.39 min Scan# 1582
 Delta R.T. -0.00 min
 Lab File: BM018768.D
 Acq: 11 Feb 2019 21:28

Tgt Ion:142 Resp: 539
 Ion Ratio Lower Upper
 142 100
 141 79.6 73.9 110.9
 116 0.0 3.0 4.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.36 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BM018768.D

Acq: 11 Feb 2019 21:28

Instrument :

BNA_M

ClientSampleId :

B-11-OW

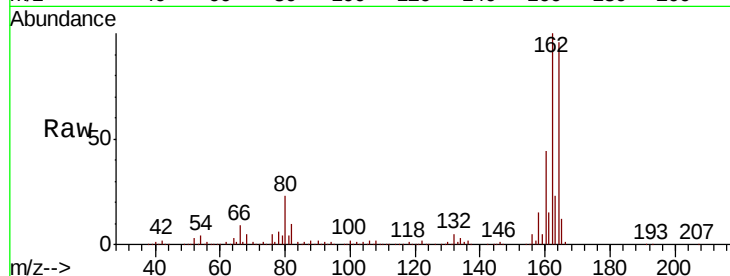
Tgt Ion:164 Resp: 787486

Ion Ratio Lower Upper

164 100

162 103.7 83.4 125.0

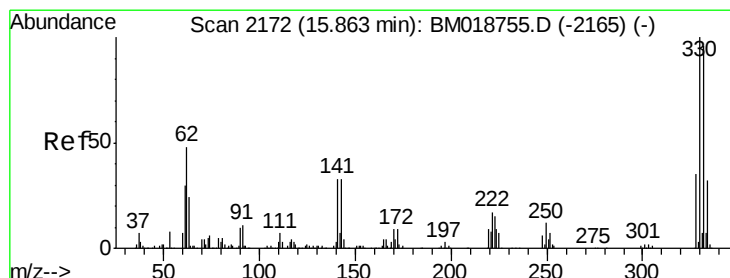
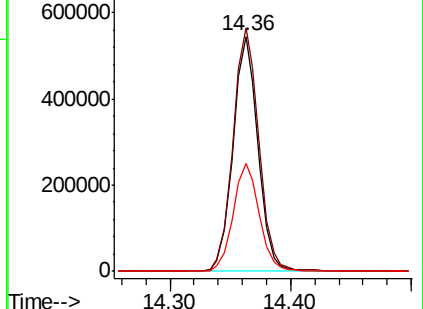
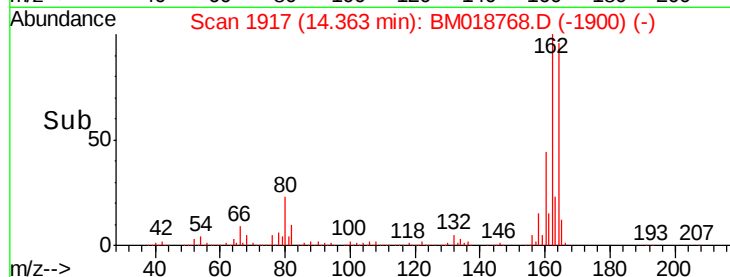
160 45.8 36.6 55.0



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: 98.235 ng

RT: 15.86 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BM018768.D

Acq: 11 Feb 2019 21:28

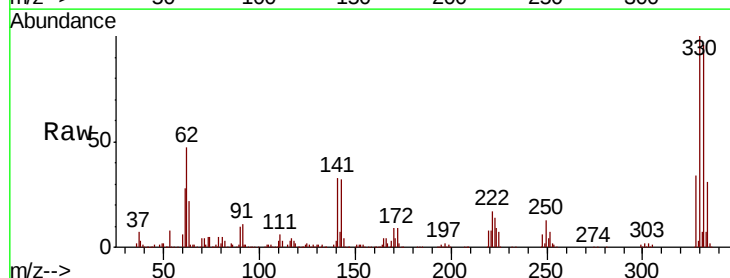
Tgt Ion:330 Resp: 1115108

Ion Ratio Lower Upper

330 100

332 96.2 76.9 115.3

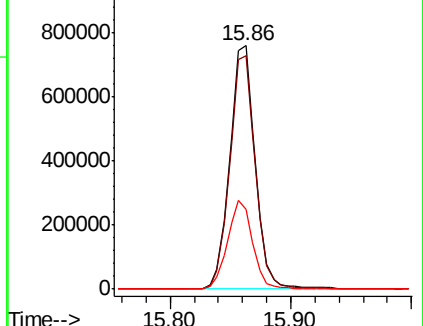
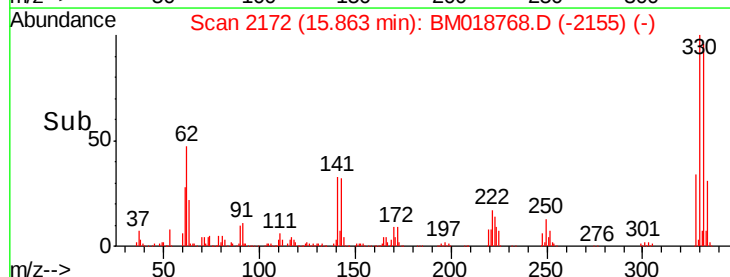
141 35.9 28.7 43.1

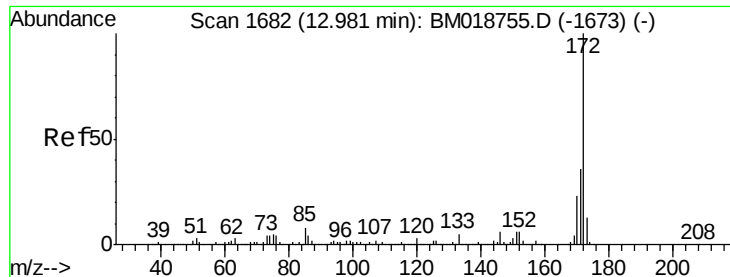


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

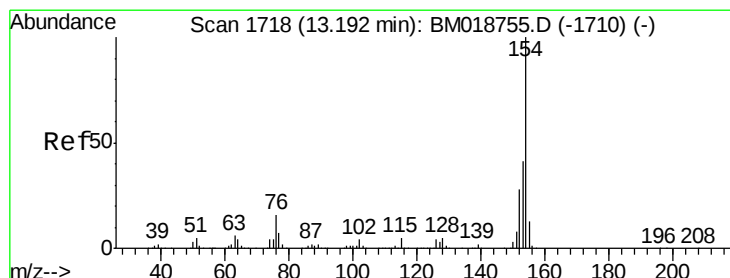
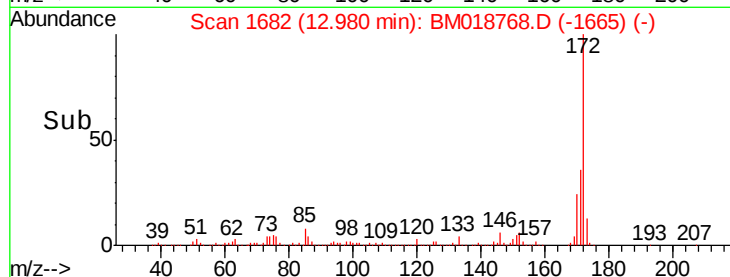
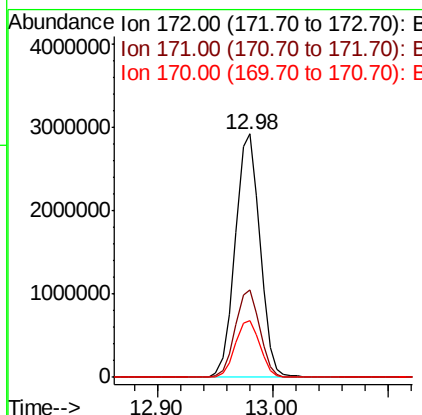
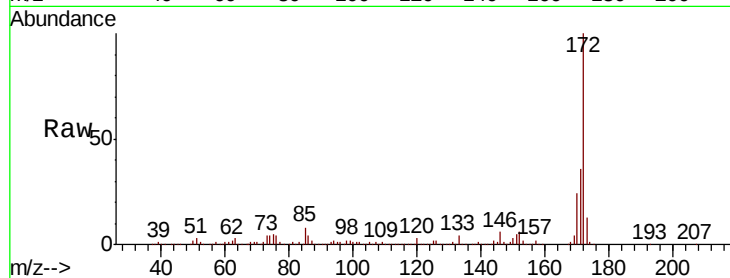




#45
 2-Fluorobiphenyl
 Concen: 73.038 ng
 RT: 12.98 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BM018768.D
 Acq: 11 Feb 2019 21:28

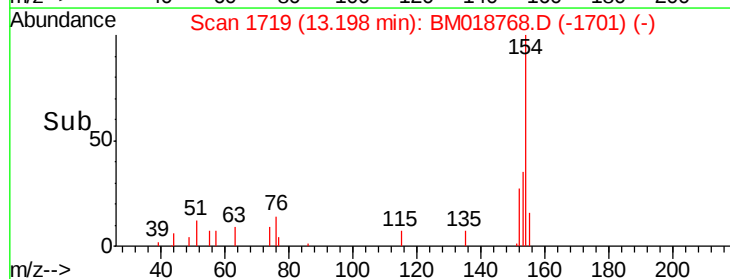
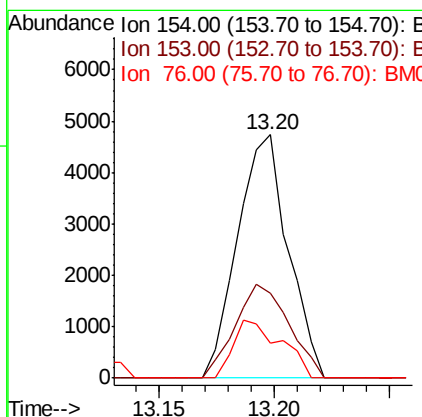
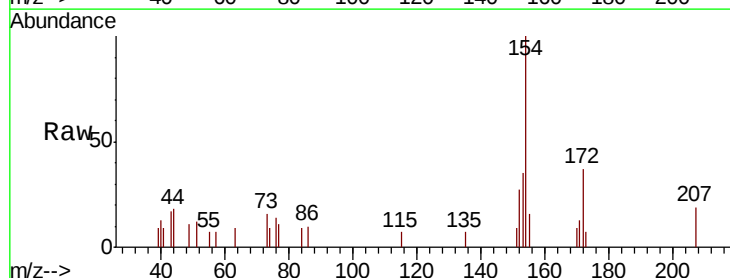
Instrument :
 BNA_M
 ClientSampleId :
 B-11-OW

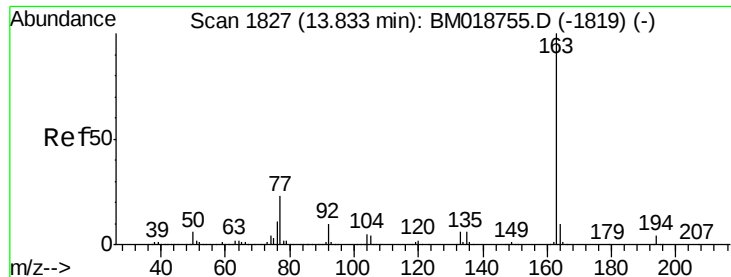
Tgt Ion:172 Resp: 4332771
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.6
 170 23.6 18.6 28.0



#46
 1,1'-Biphenyl
 Concen: 0.106 ng
 RT: 13.20 min Scan# 1719
 Delta R.T. 0.01 min
 Lab File: BM018768.D
 Acq: 11 Feb 2019 21:28

Tgt Ion:154 Resp: 7217
 Ion Ratio Lower Upper
 154 100
 153 34.8 21.1 61.1
 76 14.2 0.0 35.7





#50

Dimethylphthalate

Concen: 5.108 ng

RT: 13.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BM018768.D

Acq: 11 Feb 2019 21:28

Instrument :

BNA_M

ClientSampleId :

B-11-OW

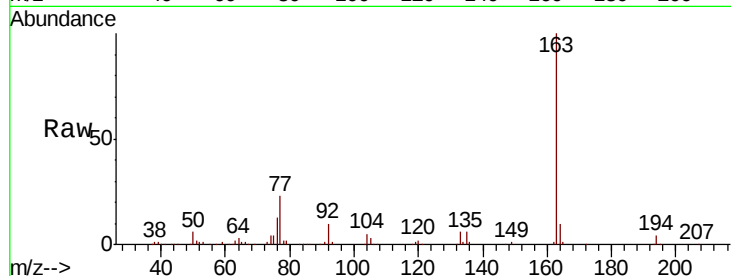
Tgt Ion:163 Resp: 335239

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

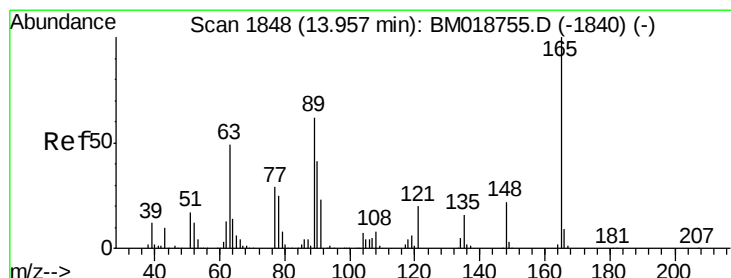
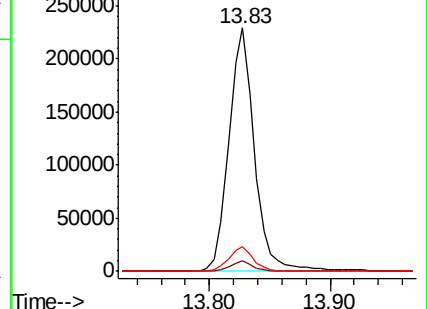
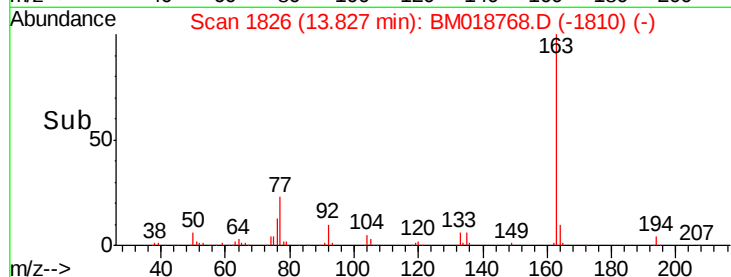
164 10.3 7.8 11.8



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: 0.034 ng

RT: 13.89 min Scan# 1836

Delta R.T. -0.07 min

Lab File: BM018768.D

Acq: 11 Feb 2019 21:28

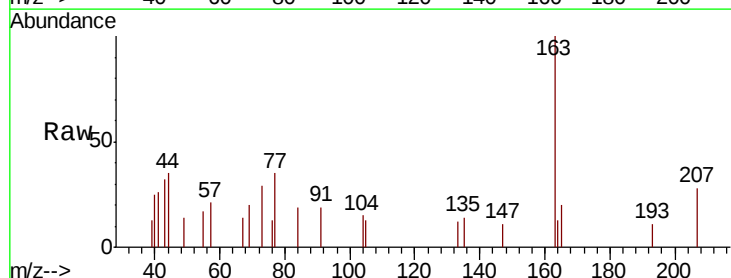
Tgt Ion:165 Resp: 484

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

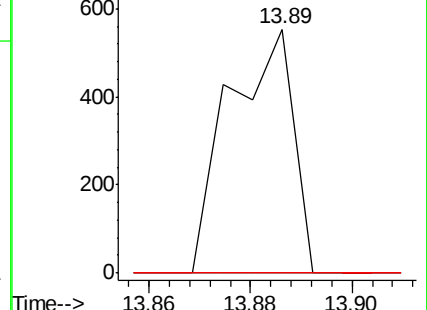
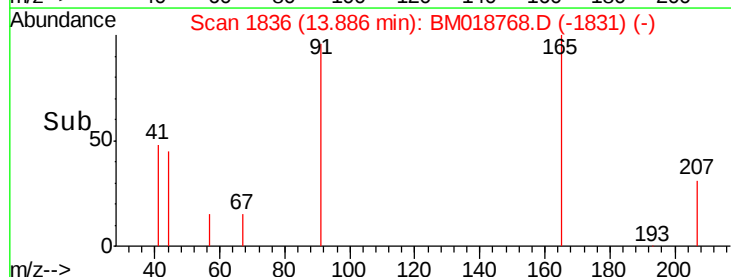
89 0.0 49.4 74.0#

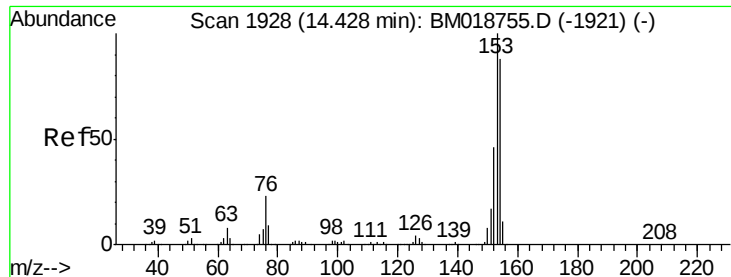


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#52

Acenaphthene

Concen: 0.067 ng

RT: 14.42 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BM018768.D

Acq: 11 Feb 2019 21:28

Instrument :

BNA_M

ClientSampleId :

B-11-OW

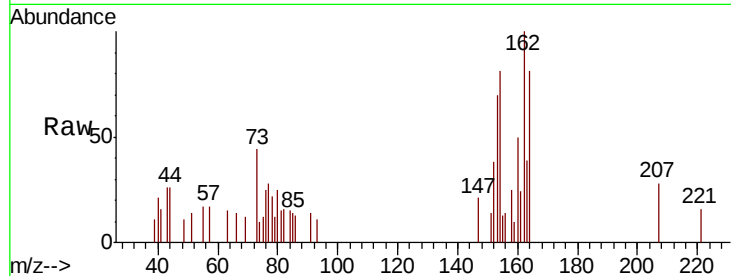
Tgt Ion:154 Resp: 3218

Ion Ratio Lower Upper

154 100

153 86.1 91.3 136.9#

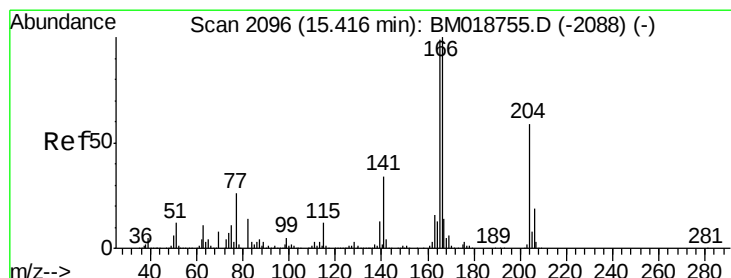
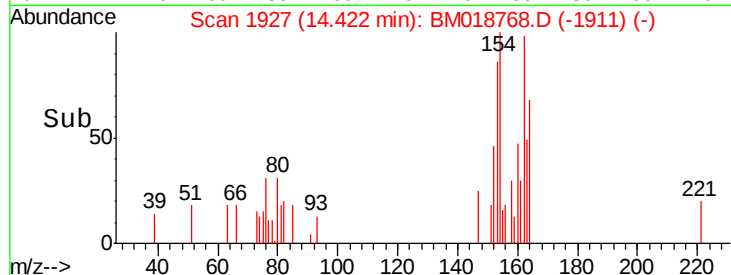
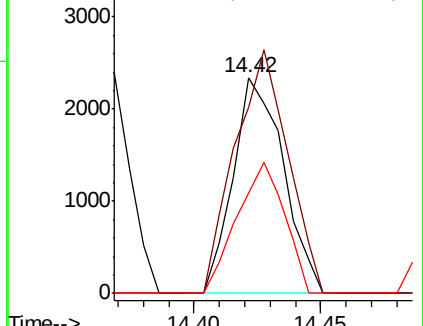
152 46.4 42.2 63.4



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



#58

Fluorene

Concen: 0.019 ng

RT: 15.42 min Scan# 2097

Delta R.T. 0.01 min

Lab File: BM018768.D

Acq: 11 Feb 2019 21:28

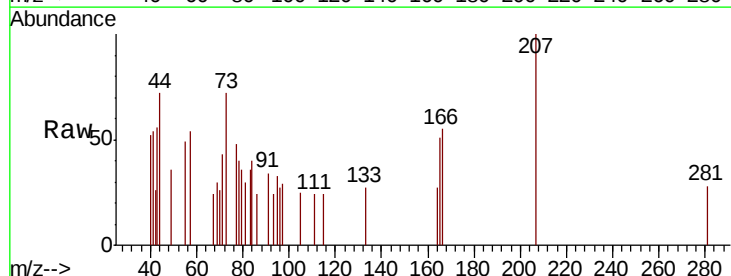
Tgt Ion:166 Resp: 1119

Ion Ratio Lower Upper

166 100

165 93.5 79.1 118.7

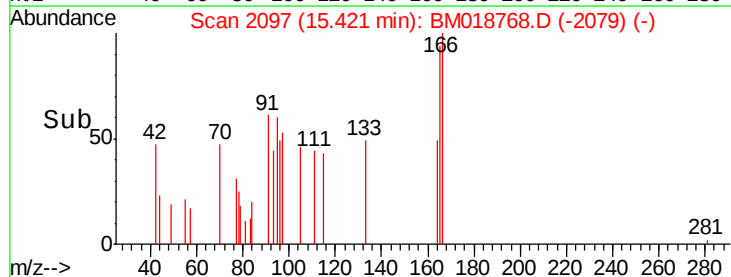
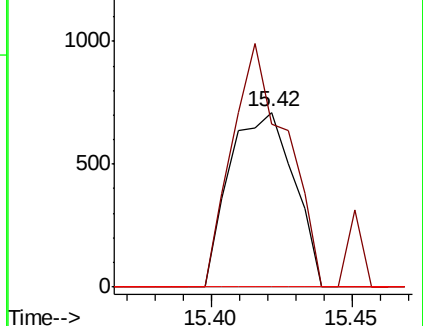
167 0.0 11.0 16.4#

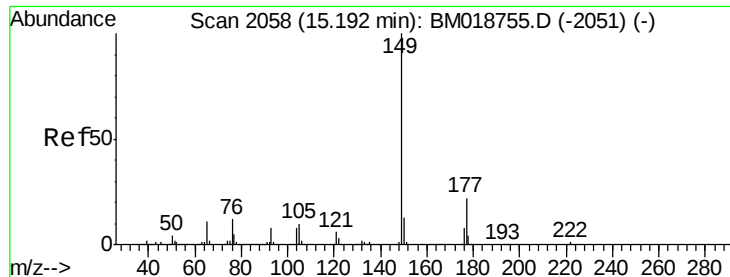


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

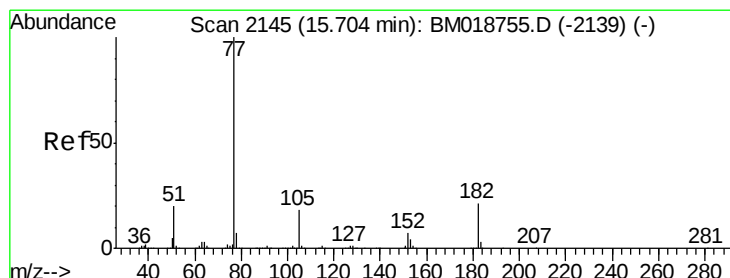
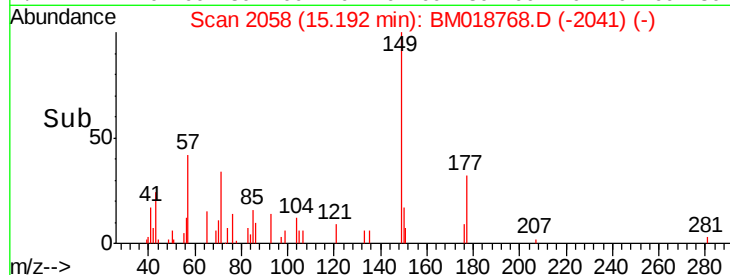
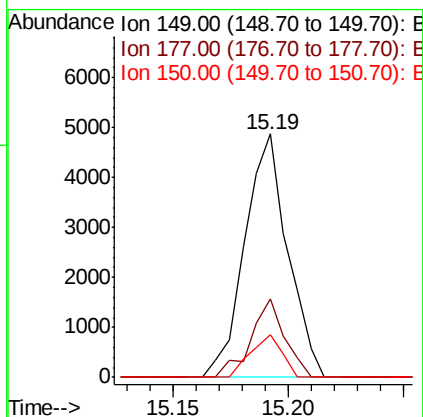
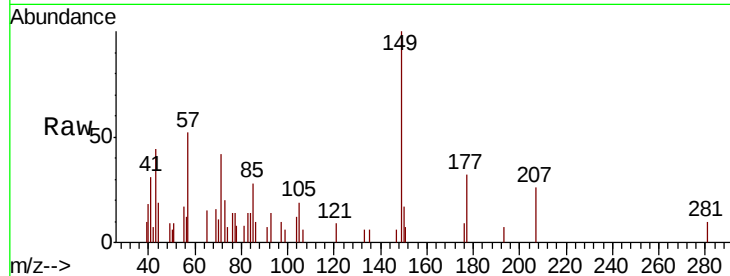




#60
Diethylphthalate
Concen: 0.093 ng
RT: 15.19 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BM018768.D
Acq: 11 Feb 2019 21:28

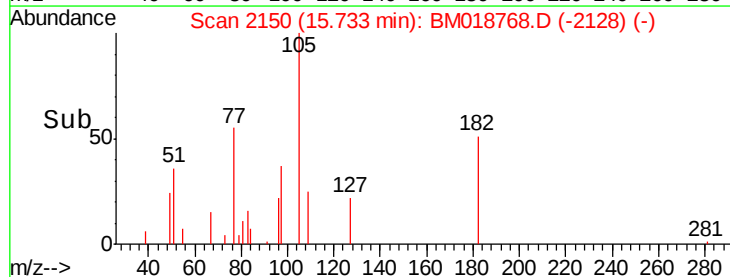
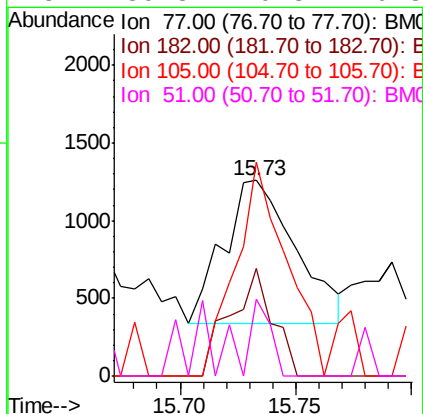
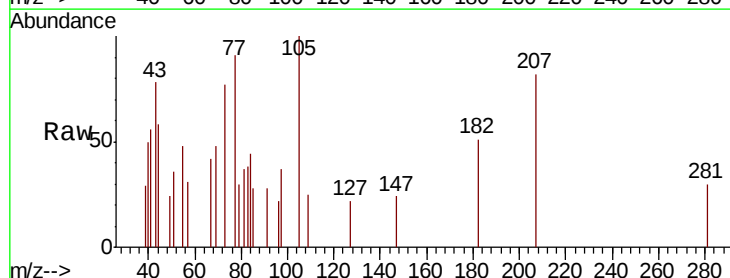
Instrument :
BNA_M
ClientSampleId :
B-11-OW

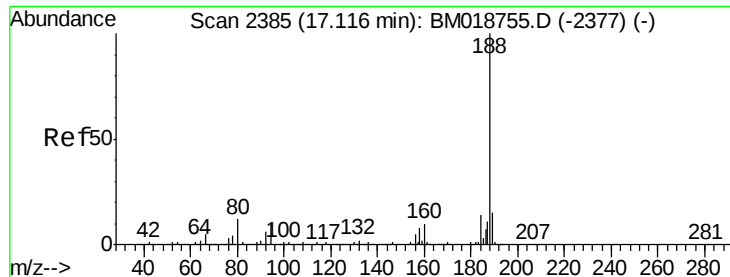
Tgt Ion: 149 Resp: 6299
Ion Ratio Lower Upper
149 100
177 32.2 17.2 25.8#
150 17.3 10.2 15.2#



#63
Azobenzene
Concen: 0.028 ng
RT: 15.73 min Scan# 2150
Delta R.T. 0.03 min
Lab File: BM018768.D
Acq: 11 Feb 2019 21:28

Tgt Ion: 77 Resp: 2001
Ion Ratio Lower Upper
77 100
182 55.2 1.0 41.0#
105 109.3 0.0 37.7#
51 39.3 0.3 40.3

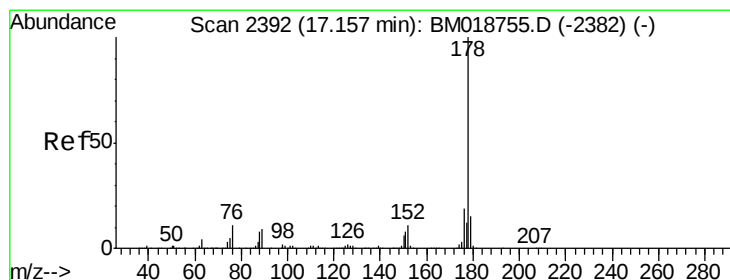
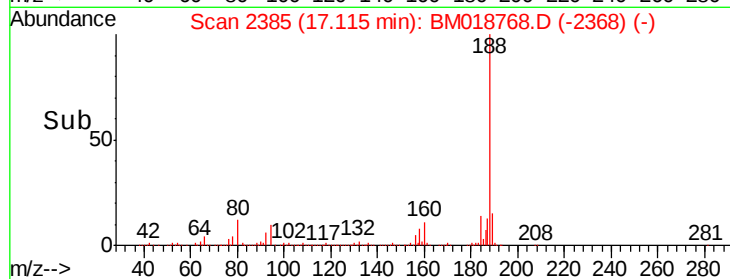
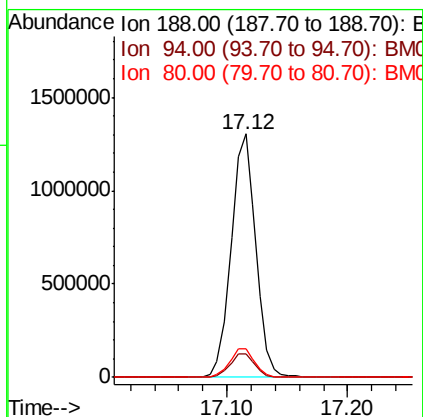
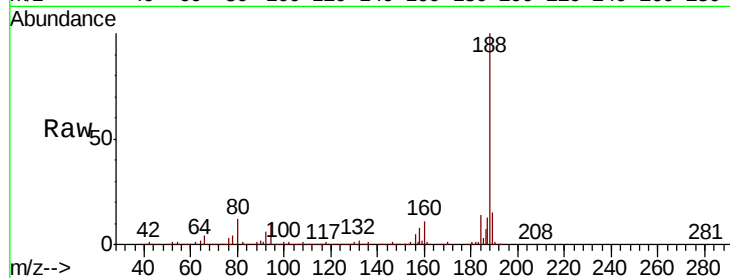




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM018768.D
Acq: 11 Feb 2019 21:28

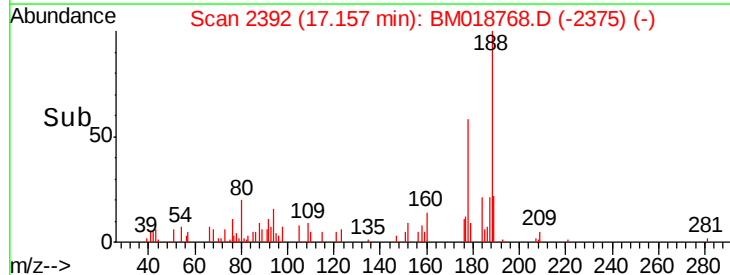
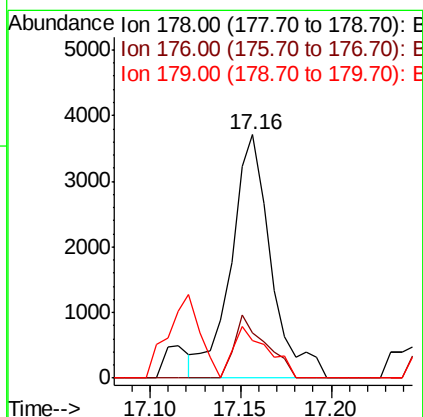
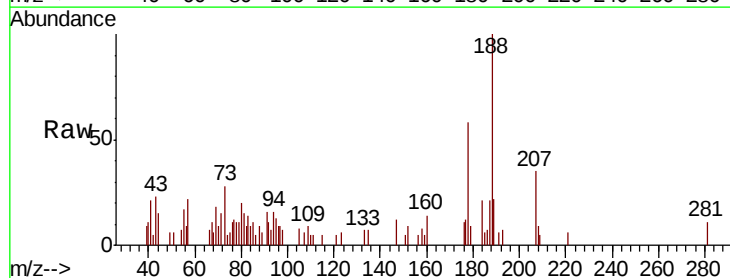
Instrument :
BNA_M
ClientSampleId :
B-11-OW

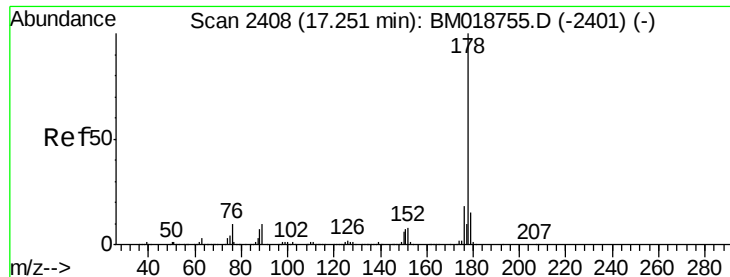
Tgt Ion:188 Resp: 1849996
Ion Ratio Lower Upper
188 100
94 9.9 8.2 12.2
80 11.9 9.7 14.5



#71
Phenanthrene
Concen: 0.057 ng
RT: 17.16 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM018768.D
Acq: 11 Feb 2019 21:28

Tgt Ion:178 Resp: 5655
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.0
179 15.6 12.3 18.5





#72

Anthracene

Concen: 0.010 ng

RT: 17.25 min Scan# 2408

Delta R.T. -0.00 min

Lab File: BM018768.D

Acq: 11 Feb 2019 21:28

Instrument :

BNA_M

ClientSampleId :

B-11-OW

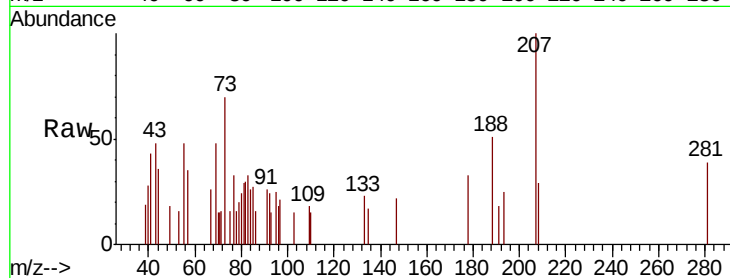
Tgt Ion:178 Resp: 990

Ion Ratio Lower Upper

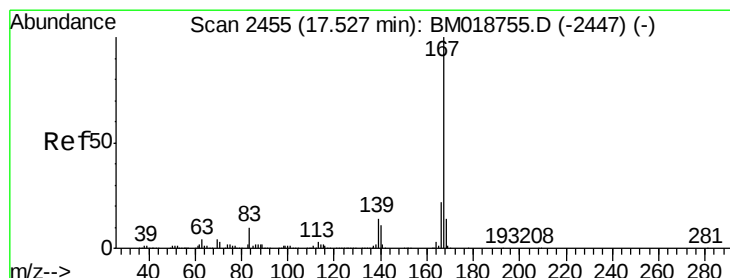
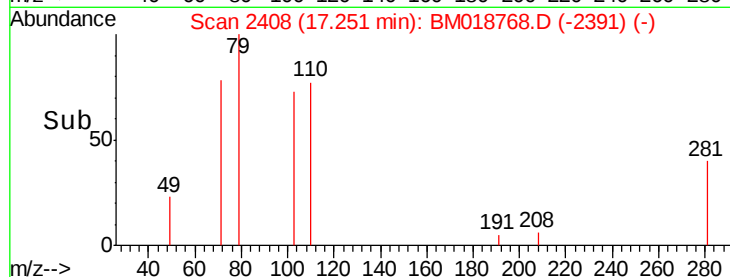
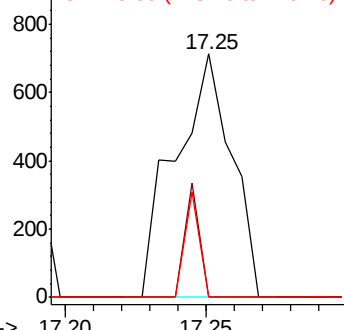
178 100

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



#73

Carbazole

Concen: 0.005 ng

RT: 17.53 min Scan# 2456

Delta R.T. 0.01 min

Lab File: BM018768.D

Acq: 11 Feb 2019 21:28

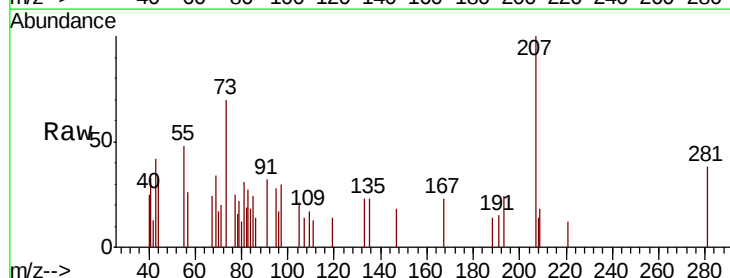
Tgt Ion:167 Resp: 487

Ion Ratio Lower Upper

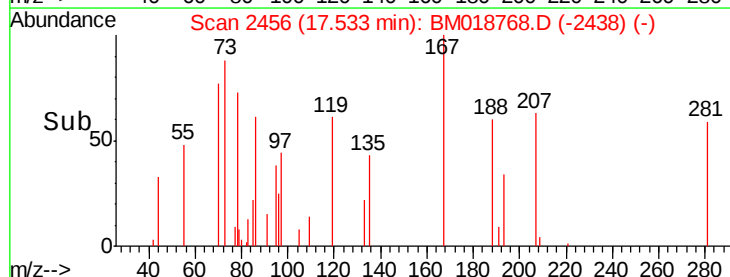
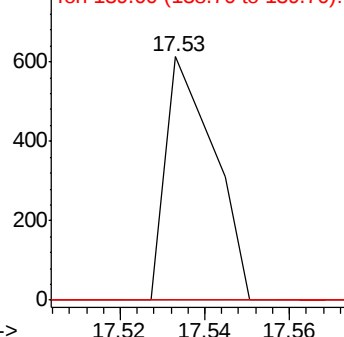
167 100

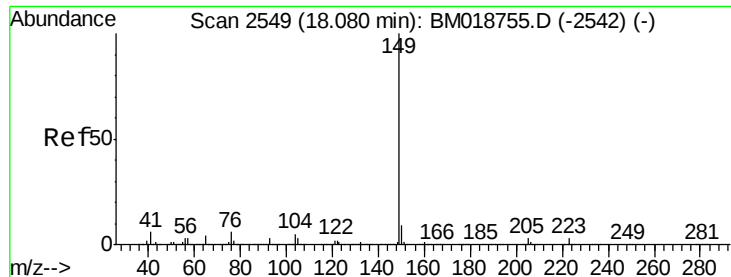
166 0.0 17.7 26.5#

139 0.0 10.9 16.3#



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E

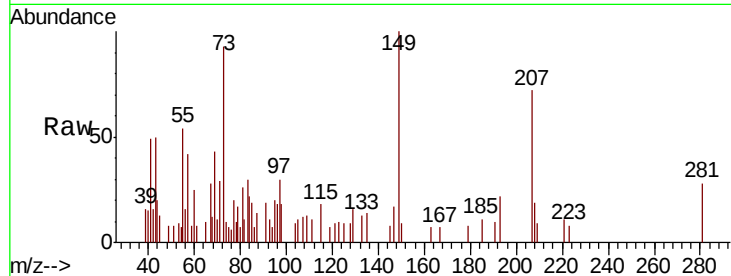




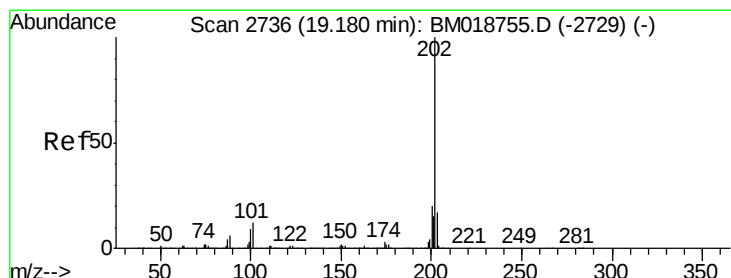
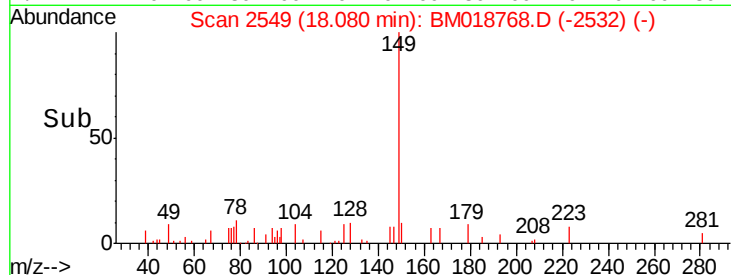
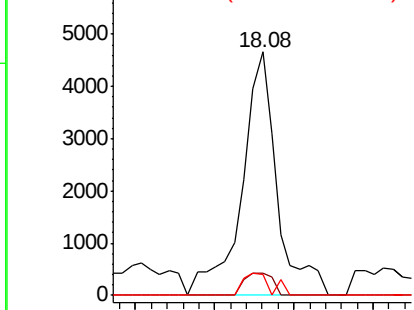
#74
Di-n-butylphthalate
Concen: 0.062 ng
RT: 18.08 min Scan# 2549
Delta R.T. -0.00 min
Lab File: BM018768.D
Acq: 11 Feb 2019 21:28

Instrument :
BNA_M
ClientSampleId :
B-11-OW

Tgt Ion:149 Resp: 7167
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 8.7 4.3 6.5#

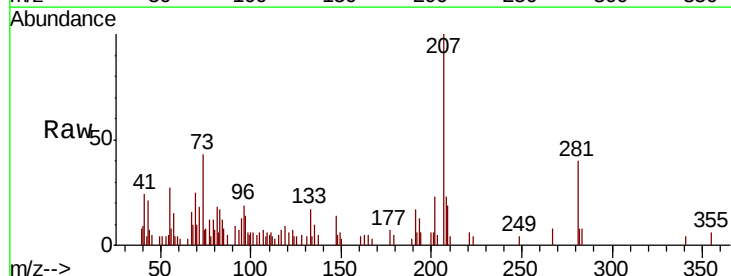


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

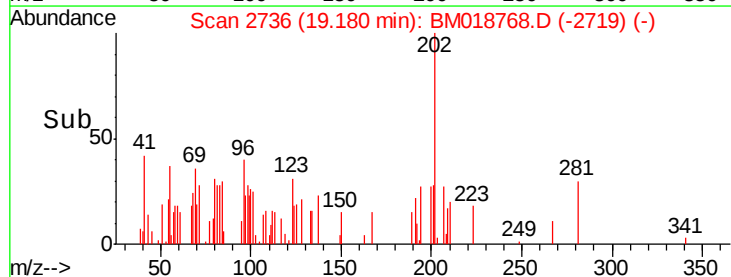
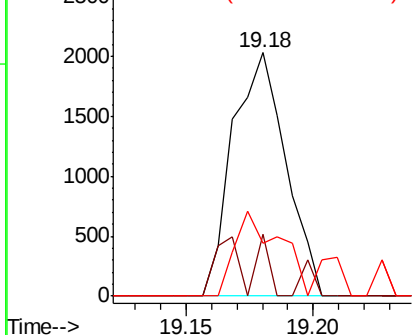


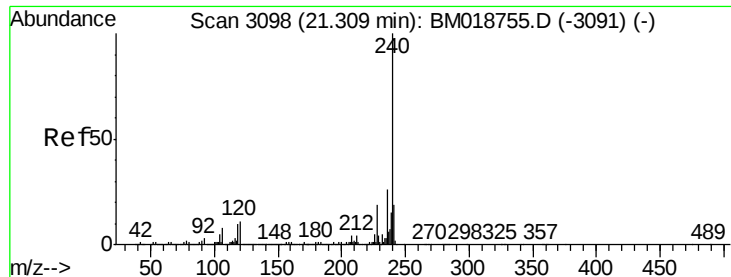
#75
Fluoranthene
Concen: 0.026 ng
RT: 19.18 min Scan# 2736
Delta R.T. -0.00 min
Lab File: BM018768.D
Acq: 11 Feb 2019 21:28

Tgt Ion:202 Resp: 2965
Ion Ratio Lower Upper
202 100
101 25.3 0.0 31.5
203 21.7 0.0 37.3



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

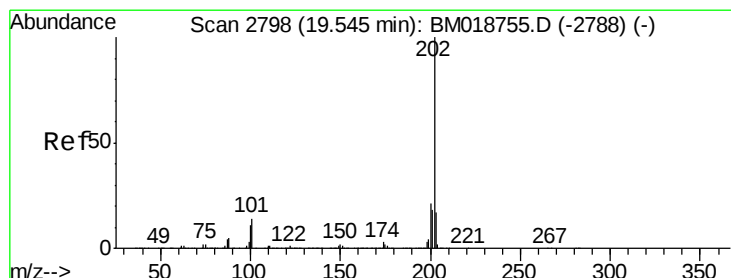
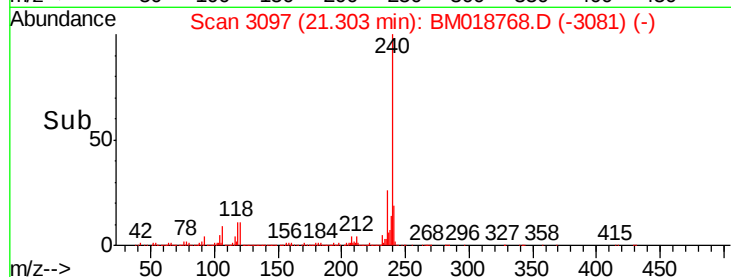
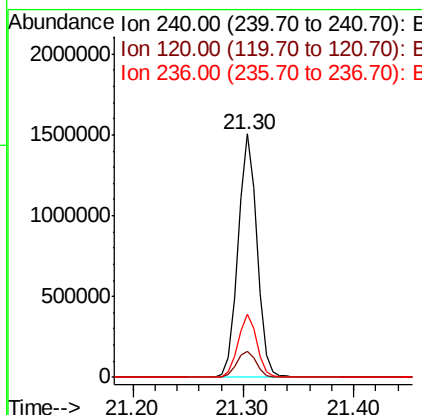
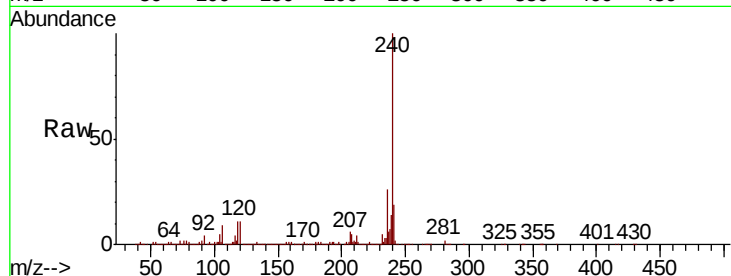




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.30 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM018768.D
Acq: 11 Feb 2019 21:28

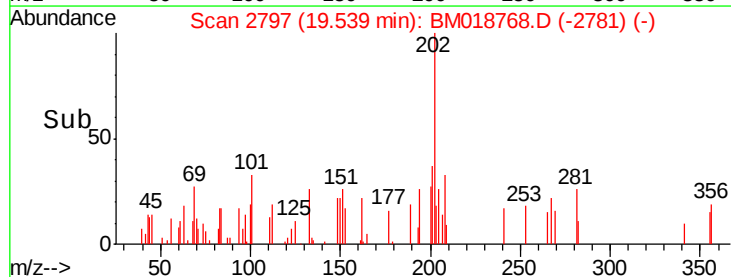
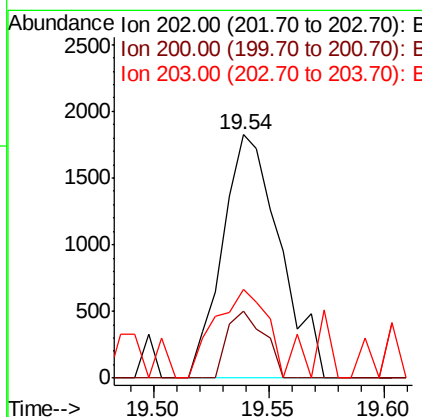
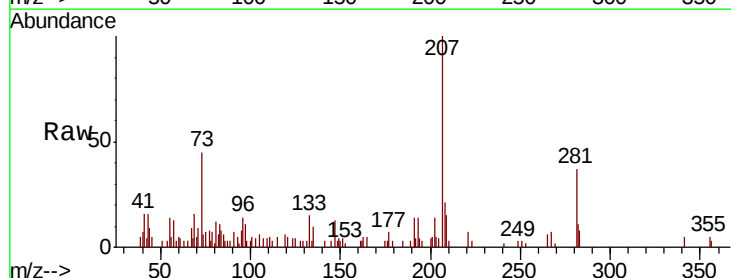
Instrument :
BNA_M
ClientSampleId :
B-11-OW

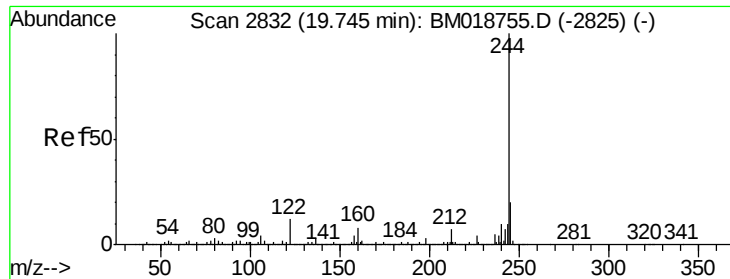
Tgt Ion:240 Resp: 1820383
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 26.1 20.9 31.3



#78
Pyrene
Concen: 0.030 ng
RT: 19.54 min Scan# 2797
Delta R.T. -0.01 min
Lab File: BM018768.D
Acq: 11 Feb 2019 21:28

Tgt Ion:202 Resp: 3164
Ion Ratio Lower Upper
202 100
200 27.4 16.9 25.3#
203 36.6 13.8 20.8#





#79

Terphenyl-d14

Concen: 82.325 ng

RT: 19.74 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BM018768.D

Acq: 11 Feb 2019 21:28

Instrument :

BNA_M

ClientSampleId :

B-11-OW

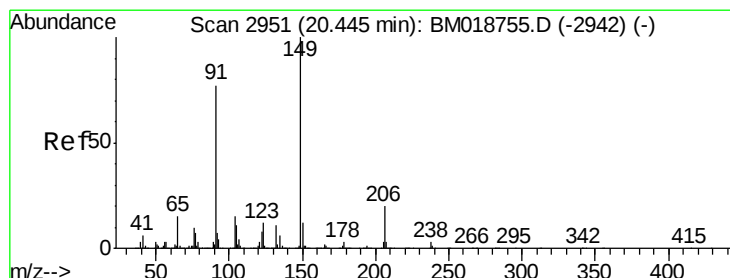
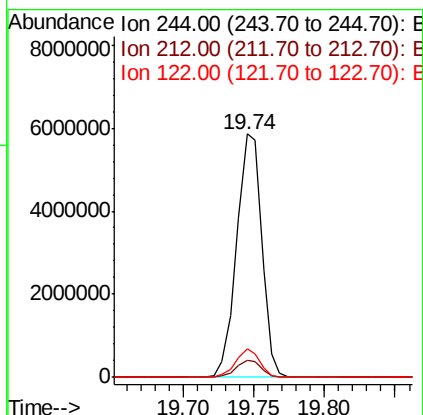
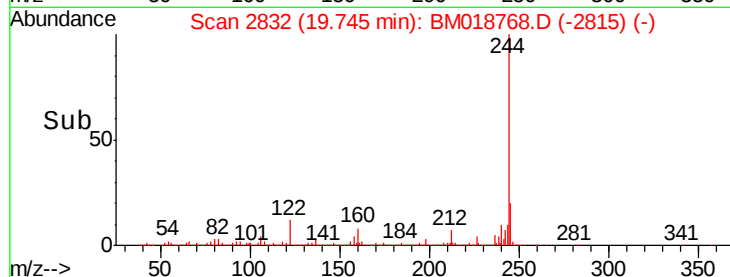
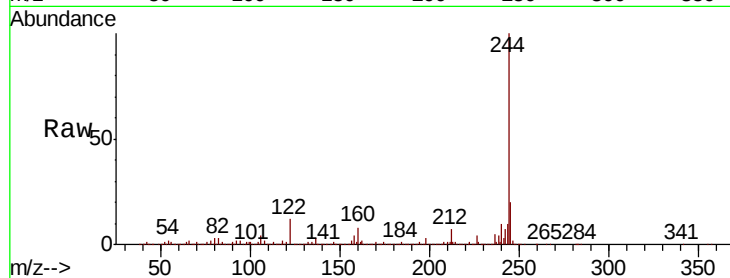
Tgt Ion:244 Resp: 7264680

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 11.5 9.3 13.9



#80

Butylbenzylphthalate

Concen: 0.050 ng

RT: 20.44 min Scan# 2950

Delta R.T. -0.01 min

Lab File: BM018768.D

Acq: 11 Feb 2019 21:28

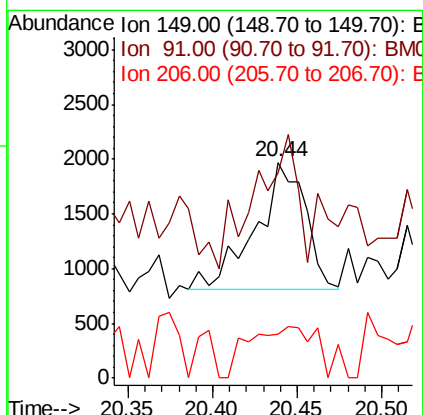
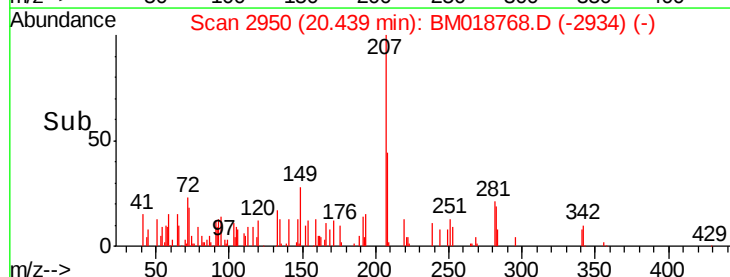
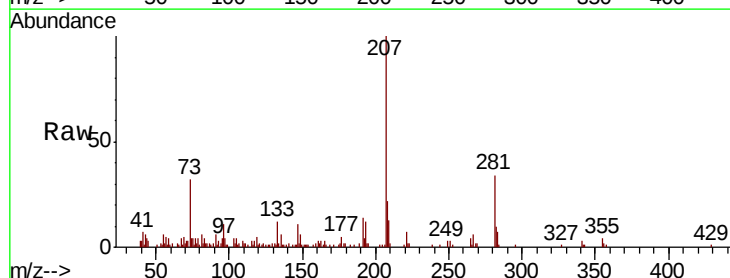
Tgt Ion:149 Resp: 2395

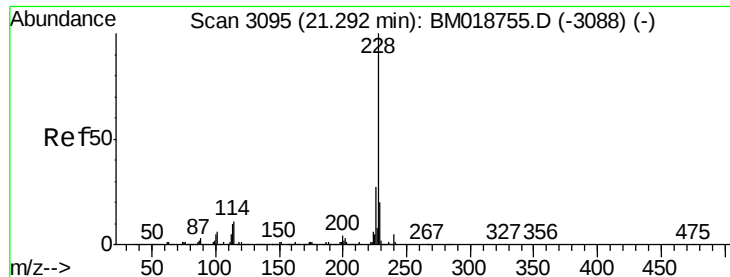
Ion Ratio Lower Upper

149 100

91 95.1 61.4 92.0#

206 20.1 15.8 23.8





#81

Benzo(a)anthracene

Concen: 0.054 ng

RT: 21.30 min Scan# 3097

Delta R.T. 0.01 min

Lab File: BM018768.D

Acq: 11 Feb 2019 21:28

Instrument :

BNA_M

ClientSampled :

B-11-OW

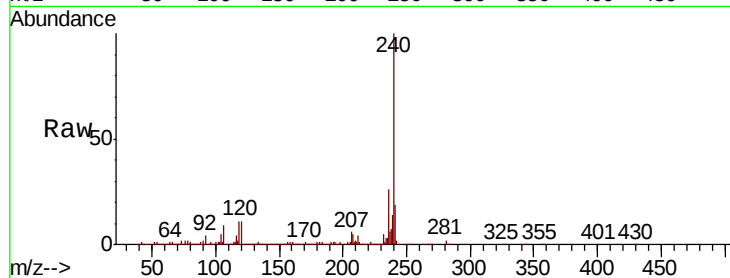
Tgt Ion: 228 Resp: 5782

Ion Ratio Lower Upper

228 100

226 16.9 21.9 32.9#

229 33.3 15.9 23.9#

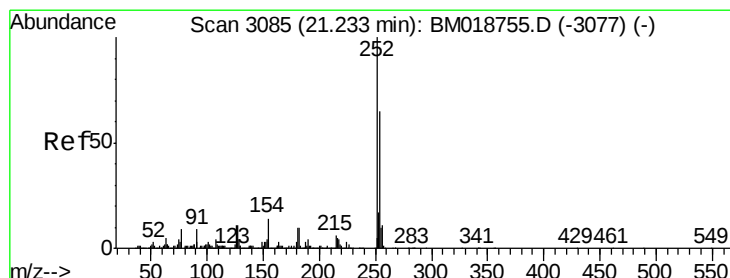
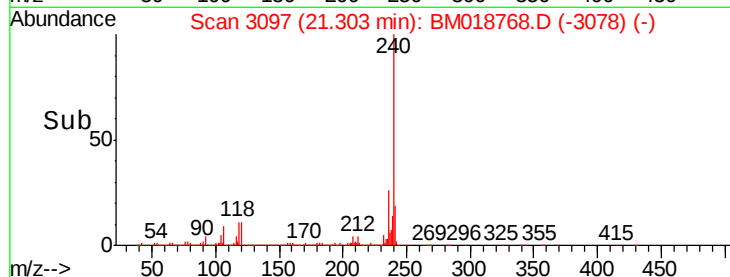
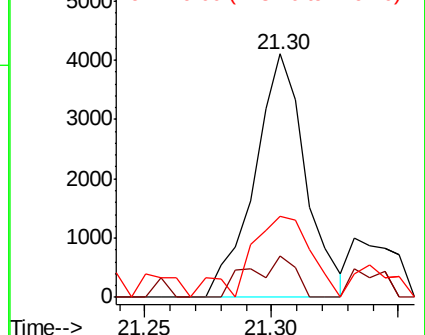


Abundance

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: 0.007 ng

RT: 21.25 min Scan# 3088

Delta R.T. 0.02 min

Lab File: BM018768.D

Acq: 11 Feb 2019 21:28

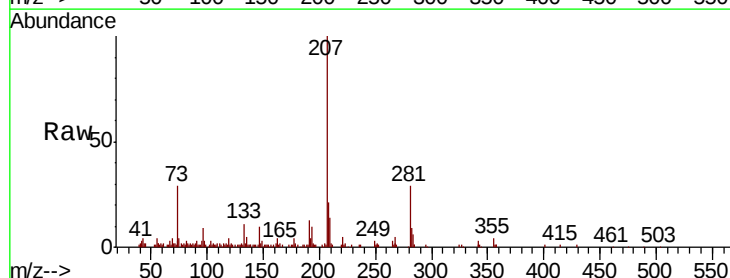
Tgt Ion: 252 Resp: 288

Ion Ratio Lower Upper

252 100

254 0.0 51.8 77.8#

126 0.0 9.1 13.7#

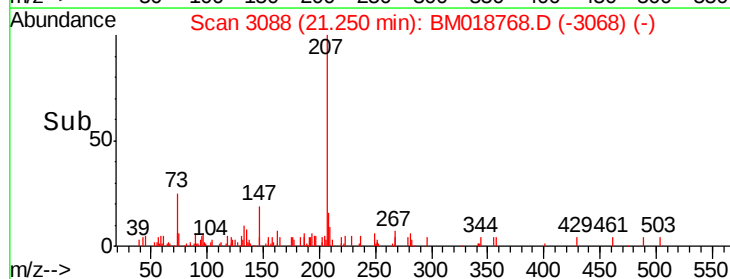
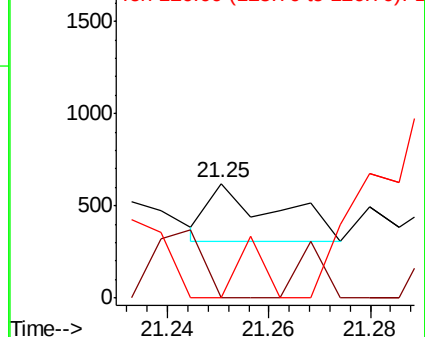


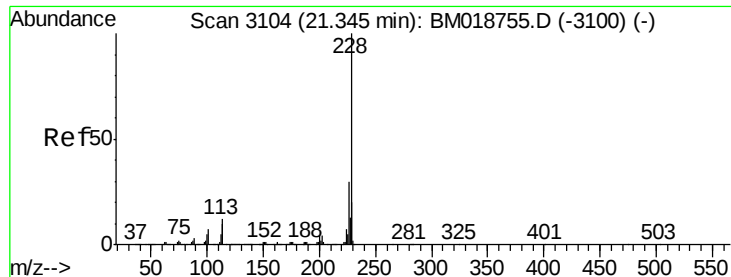
Abundance

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

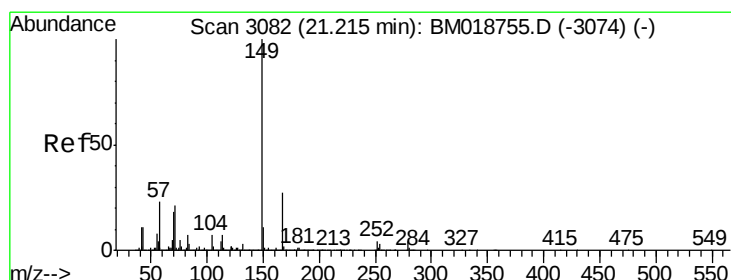
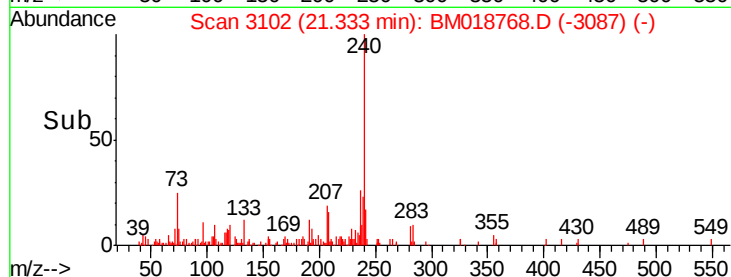
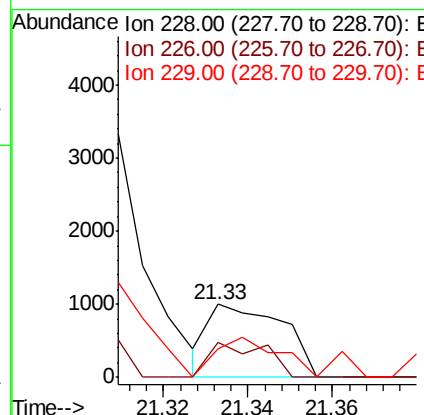
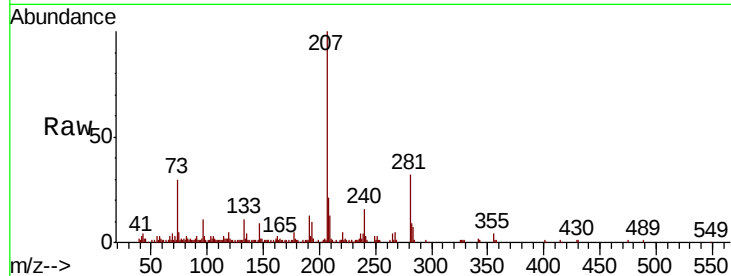




#83
 Chrysene
 Concen: 0.012 ng
 RT: 21.33 min Scan# 3102
 Delta R.T. -0.01 min
 Lab File: BM018768.D
 Acq: 11 Feb 2019 21:28

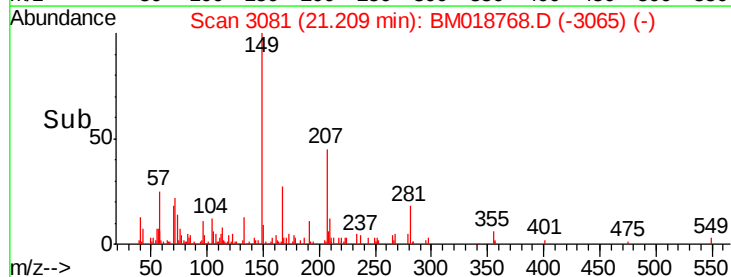
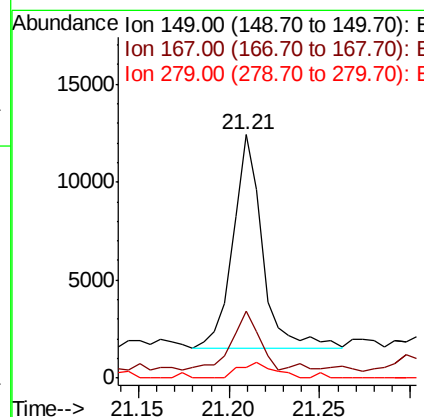
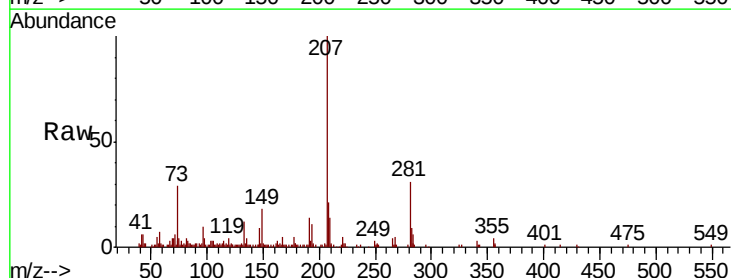
Instrument :
 BNA_M
 ClientSampleId :
 B-11-OW

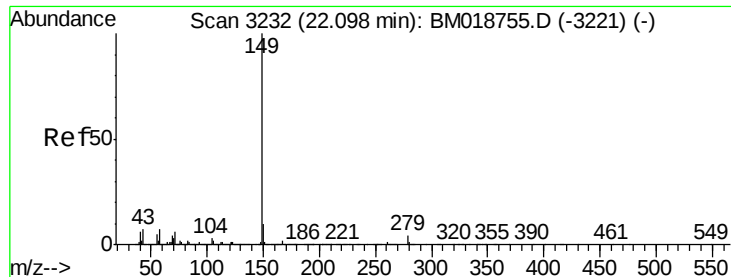
Tgt Ion: 228 Resp: 1213
 Ion Ratio Lower Upper
 228 100
 226 47.3 24.1 36.1#
 229 39.2 16.0 24.0#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.174 ng
 RT: 21.21 min Scan# 3081
 Delta R.T. -0.01 min
 Lab File: BM018768.D
 Acq: 11 Feb 2019 21:28

Tgt Ion: 149 Resp: 12255
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.8 32.6
 279 4.2 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 0.015 ng

RT: 22.10 min Scan# 3233

Delta R.T. 0.01 min

Lab File: BM018768.D

Acq: 11 Feb 2019 21:28

Instrument :

BNA_M

ClientSampleId :

B-11-OW

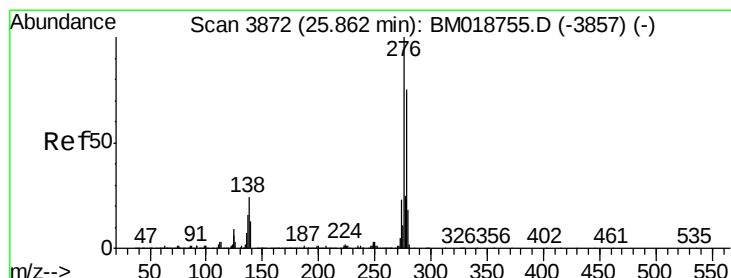
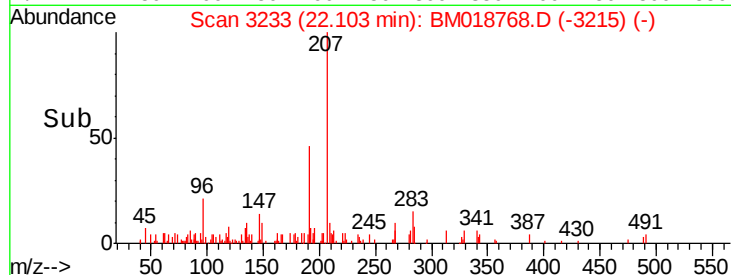
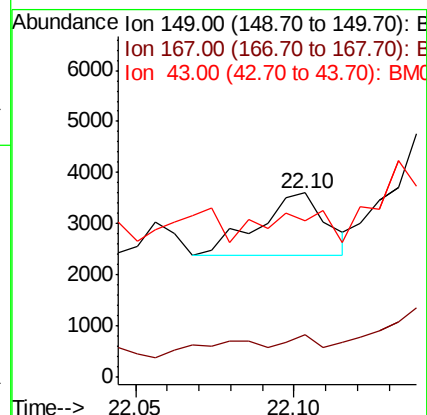
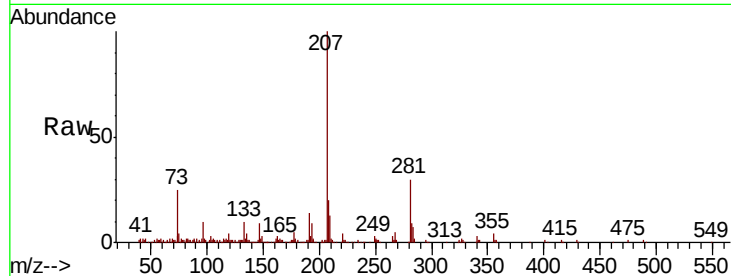
Tgt Ion:149 Resp: 1817

Ion Ratio Lower Upper

149 100

167 15.7 1.3 1.9#

43 45.1 6.0 9.0#



#86

Indeno(1,2,3-cd)pyrene

Concen: 0.001 ng

RT: 25.84 min Scan# 3868

Delta R.T. -0.02 min

Lab File: BM018768.D

Acq: 11 Feb 2019 21:28

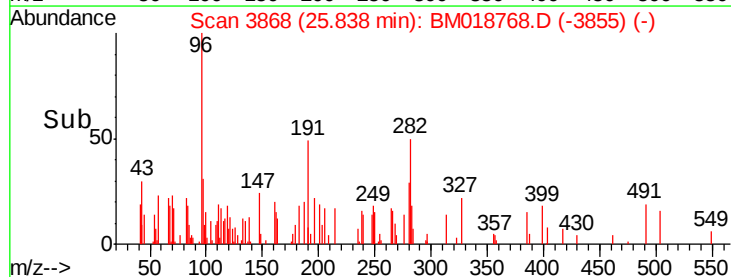
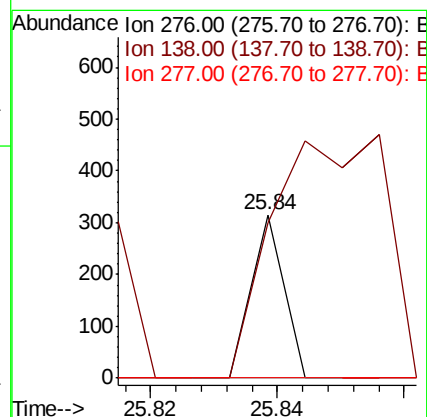
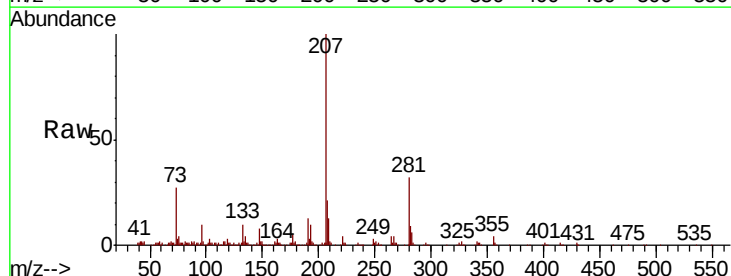
Tgt Ion:276 Resp: 111

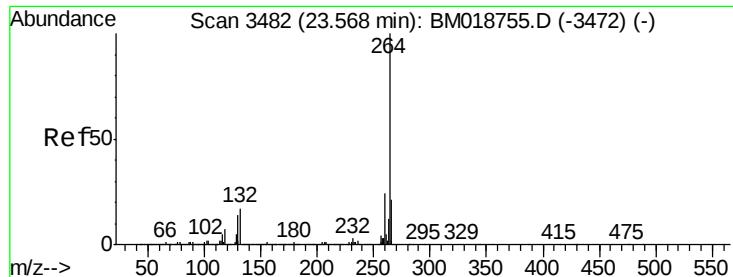
Ion Ratio Lower Upper

276 100

138 0.0 20.2 30.4#

277 0.0 20.3 30.5#



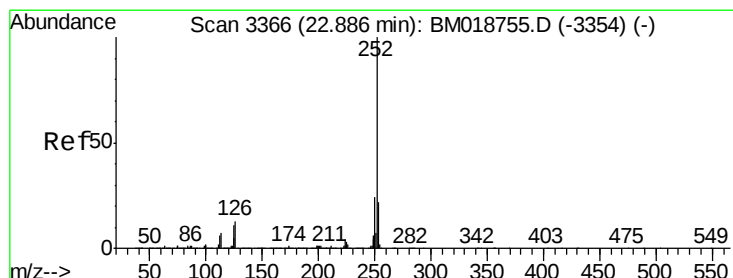
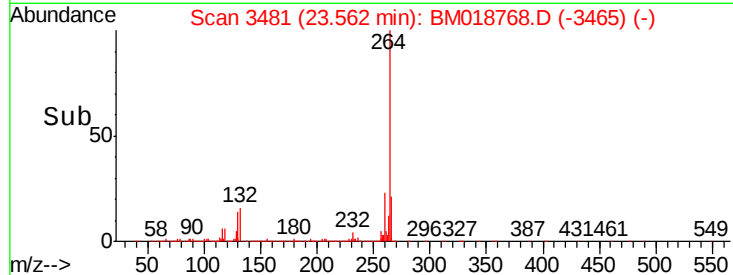
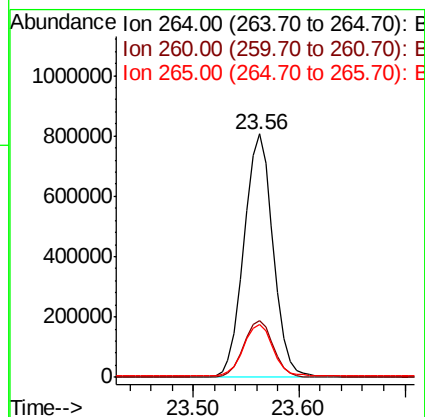
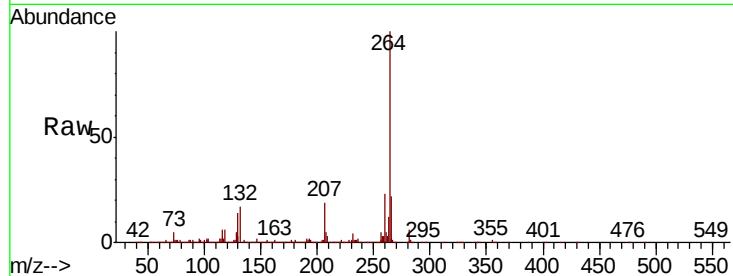


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.56 min Scan# 3481
Delta R.T. -0.01 min
Lab File: BM018768.D
Acq: 11 Feb 2019 21:28

Instrument :
BNA_M
ClientSampleId :
B-11-OW

Tgt Ion:264 Resp: 1547891

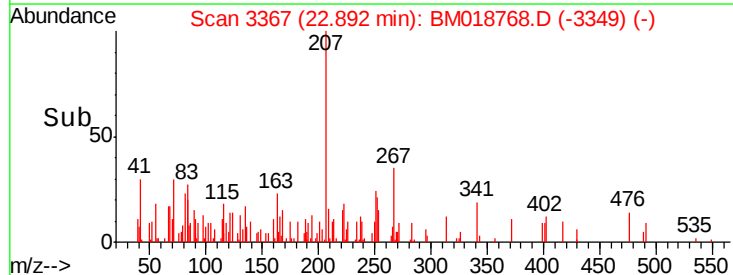
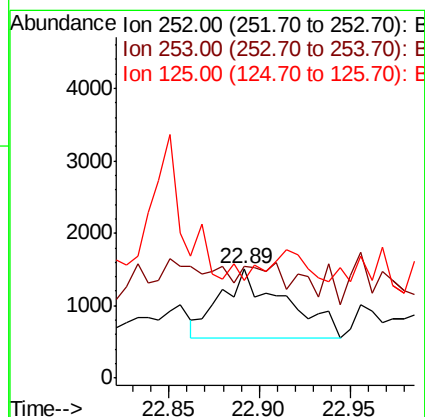
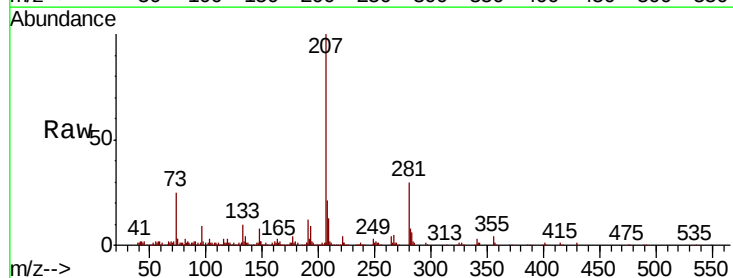
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.9	28.3
265	21.9	17.3	25.9

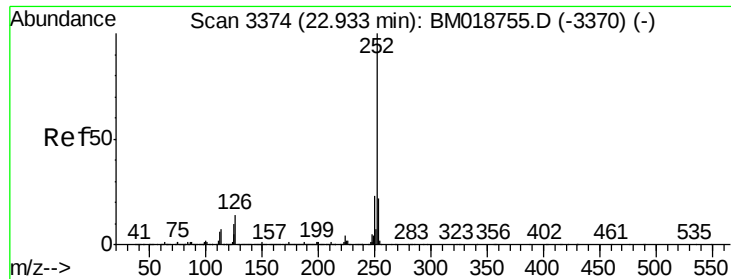


#88
Benzo(b)fluoranthene
Concen: 0.027 ng
RT: 22.89 min Scan# 3367
Delta R.T. 0.01 min
Lab File: BM018768.D
Acq: 11 Feb 2019 21:28

Tgt Ion:252 Resp: 2373

Ion	Ratio	Lower	Upper
252	100		
253	102.4	17.8	26.6#
125	89.6	8.6	12.8#





#89

Benzo(k)fluoranthene

Concen: 0.005 ng

RT: 22.96 min Scan# 3378

Delta R.T. 0.02 min

Lab File: BM018768.D

Acq: 11 Feb 2019 21:28

Instrument :

BNA_M

ClientSampleId :

B-11-OW

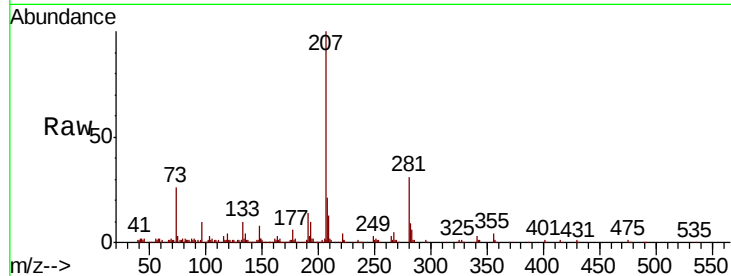
Tgt Ion:252 Resp: 417

Ion Ratio Lower Upper

252 100

253 172.3 17.7 26.5#

125 167.2 8.2 12.4#

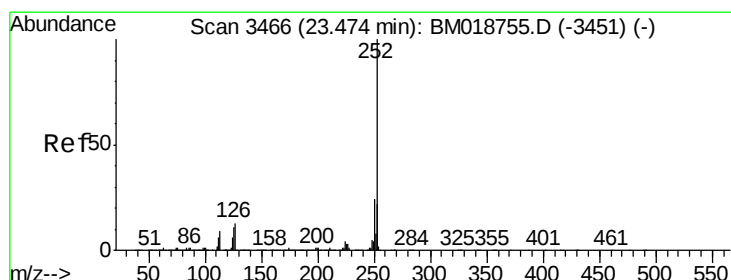
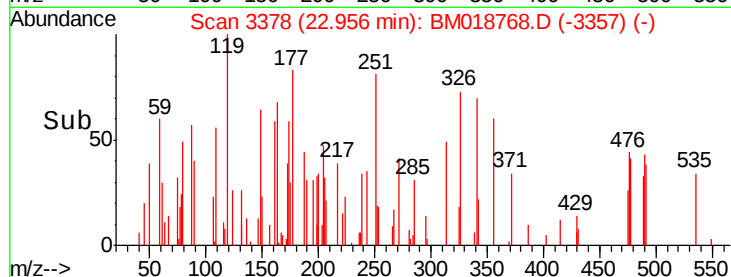
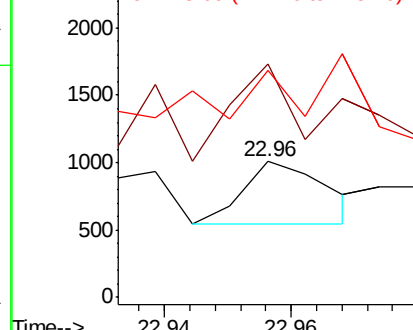


Abundance

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: 0.006 ng

RT: 23.46 min Scan# 3464

Delta R.T. -0.01 min

Lab File: BM018768.D

Acq: 11 Feb 2019 21:28

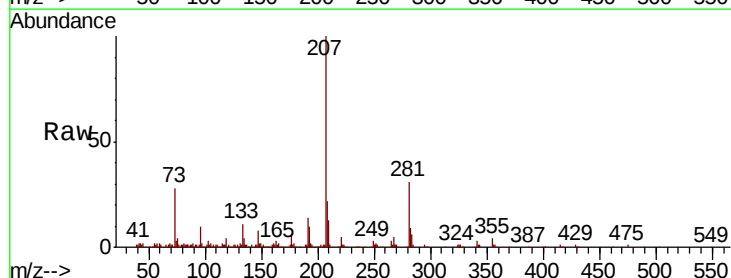
Tgt Ion:252 Resp: 503

Ion Ratio Lower Upper

252 100

253 111.0 17.4 26.0#

125 114.4 8.6 13.0#

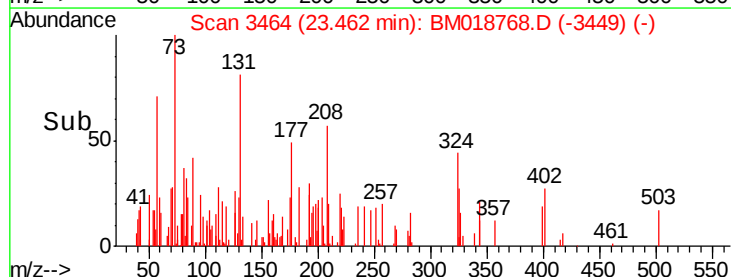
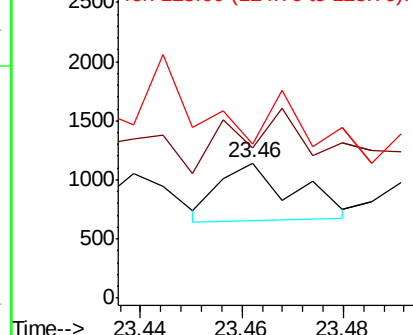


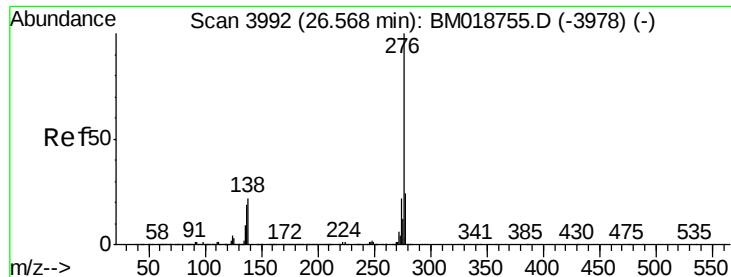
Abundance

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





#92

Benzo(g,h,i)perylene

Concen: 0.002 ng

RT: 26.56 min Scan# 3991

Delta R.T. -0.01 min

Lab File: BM018768.D

Acq: 11 Feb 2019 21:28

Instrument :

BNA_M

ClientSampleId :

B-11-OW

Tgt Ion: 276 Resp: 124

Ion Ratio Lower Upper

276 100

277 0.0 19.2 28.8#

138 0.0 17.3 25.9#

