

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021119\
 Data File : BM018765.D
 Acq On : 11 Feb 2019 19:40
 Operator : JU/SJ
 Sample : K1449-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-23-OW

Quant Time: Feb 12 00:44:42 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	299438	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1204750	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	704007	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1668089	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1796854	20.00	ng	0.00
87) Perylene-d12	23.56	264	1688950	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	1083157	59.27	ng	0.00
7) Phenol-d6	6.88	99	887903	34.49	ng	0.00
23) Nitrobenzene-d5	8.88	82	2564707	98.43	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	1590465	156.73	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	5239011	98.79	ng	0.00
79) Terphenyl-d14	19.75	244	9252219	106.22	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	495	0.062	ng	# 87
3) Pyridine	3.66	79	241	0.011	ng	# 1
4) n-Nitrosodimethylamine	3.59	42	1010	0.183	ng	# 1
6) Aniline	7.06	93	155	0.005	ng	# 40
8) 2-Chlorophenol	7.28	128	439	0.022	ng	# 1
9) Benzaldehyde	6.89	77	2630	Below Cal		# 7
10) Phenol	6.91	94	57837	2.135	ng	# 96
15) Benzyl Alcohol	8.03	79	37032	1.810	ng	# 44
22) Acetophenone	8.56	105	568	0.017	ng	# 1
24) Nitrobenzene	8.95	77	358	0.013	ng	# 44
25) Isophorone	9.46	82	508	0.012	ng	# 68
31) Naphthalene	10.56	128	328	0.006	ng	# 68
46) 1,1'-Biphenyl	13.20	154	8209	0.135	ng	# 93
50) Dimethylphthalate	13.83	163	85549	1.458	ng	# 99
52) Acenaphthene	14.43	154	388	0.009	ng	# 4
55) Dibenzofuran	14.77	168	314	0.004	ng	# 44
58) Fluorene	15.42	166	314	0.006	ng	# 75
60) Diethylphthalate	15.19	149	10553	0.174	ng	# 98
63) Azobenzene	15.70	77	755	0.012	ng	# 57
66) n-Nitrosodiphenylamine	15.63	169	123	0.002	ng	# 24
71) Phenanthrene	17.16	178	2785	0.031	ng	# 98
72) Anthracene	17.26	178	1073	0.012	ng	# 61
73) Carbazole	17.54	167	784	0.009	ng	# 58
74) Di-n-butylphthalate	18.08	149	3243	0.031	ng	# 78
75) Fluoranthene	19.19	202	2226	0.021	ng	# 64
77) Benzidine	19.43	184	109	0.003	ng	# 1
78) Pyrene	19.54	202	2553	0.024	ng	# 92
80) Butylbenzylphthalate	20.44	149	2062	0.043	ng	# 92
81) Benzo(a)anthracene	21.30	228	6420	0.061	ng	# 70
82) 3,3'-Dichlorobenzidine	21.24	252	618	0.015	ng	# 26
83) Chrysene	21.34	228	1639	0.016	ng	# 79
84) Bis(2-ethylhexyl)phthalate	21.21	149	8999	0.129	ng	# 99
85) Di-n-octyl phthalate	22.10	149	2146	0.018	ng	# 74
86) Indeno(1,2,3-cd)pyrene	25.87	276	897	0.008	ng	# 64

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

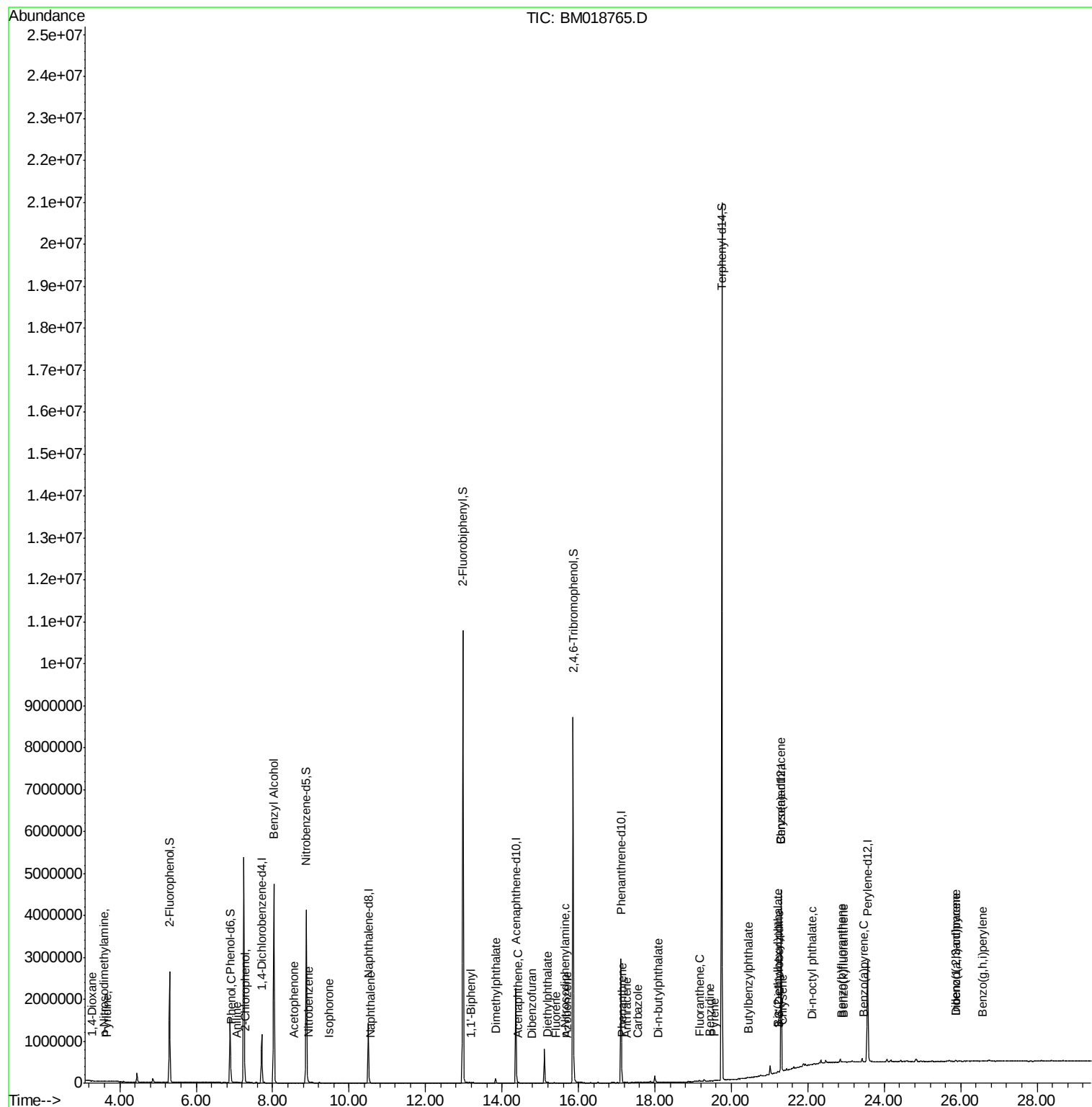
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(b)fluoranthene	22.89	252	1632	0.017	ng	# 1
89) Benzo(k)fluoranthene	22.93	252	1396	0.015	ng	# 1
90) Benzo(a)pyrene	23.46	252	1006	0.011	ng	# 1
91) Dibenzo(a,h)anthracene	25.87	278	638	0.007	ng	# 23
92) Benzo(g,h,i)perylene	26.57	276	245	0.003	ng	# 12

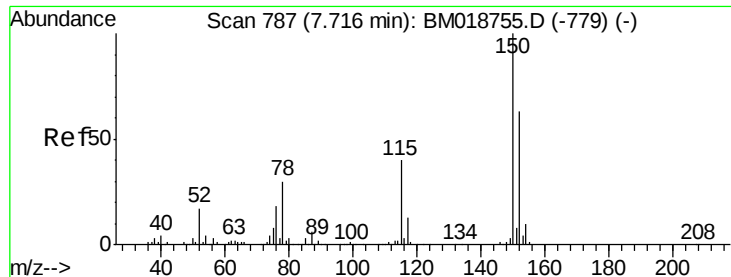
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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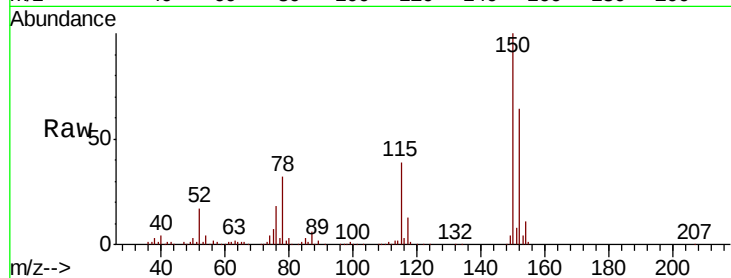


#1

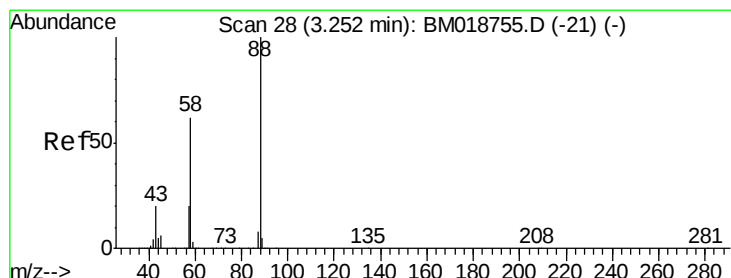
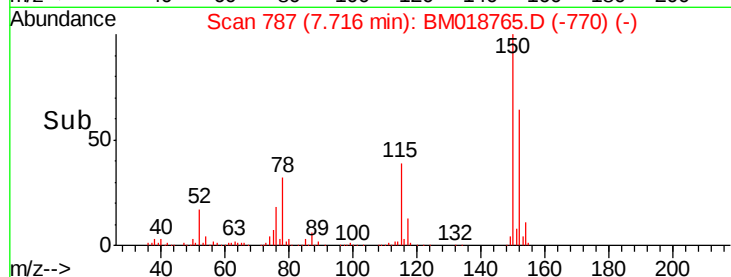
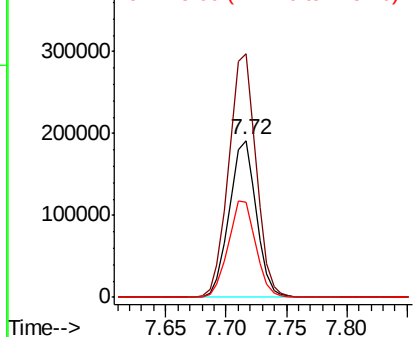
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM018765.D
Acq: 11 Feb 2019 19:40

Instrument :
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.4	127.3	190.9
115	60.7	50.8	76.2



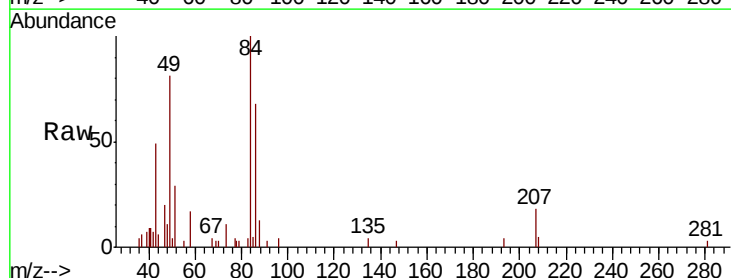
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



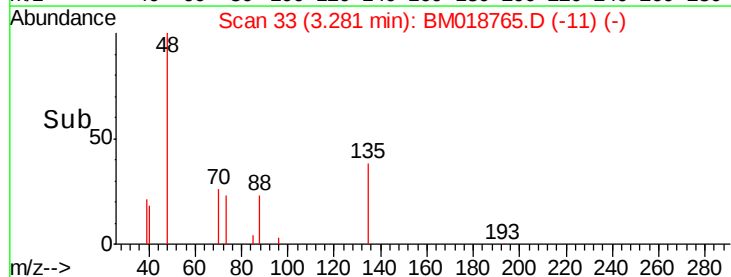
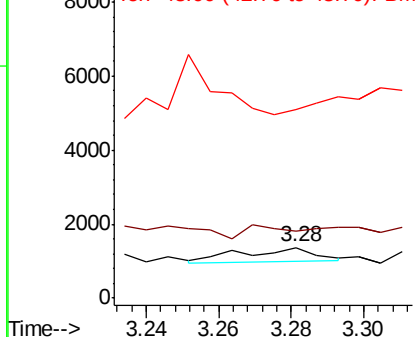
#2

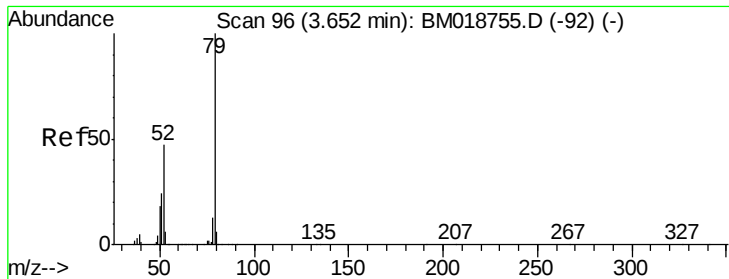
1,4-Dioxane
Concen: 0.062 ng
RT: 3.28 min Scan# 33
Delta R.T. 0.03 min
Lab File: BM018765.D
Acq: 11 Feb 2019 19:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.6	49.8	74.6
43	0.0	16.7	25.1



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pyridine

Concen: 0.011 ng

RT: 3.66 min Scan# 98

Delta R.T. 0.01 min

Lab File: BM018765.D

Acq: 11 Feb 2019 19:40

Instrument :

BNA_M

ClientSampleId :

B-23-OW

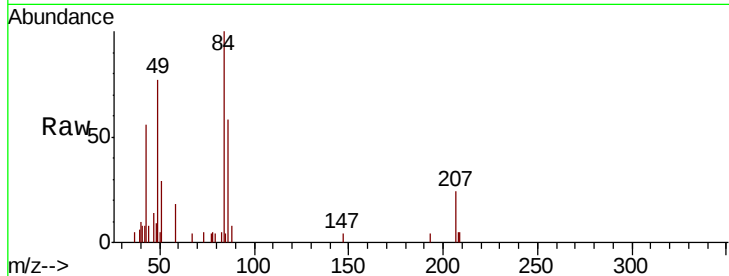
Tgt Ion: 79 Resp: 241

Ion Ratio Lower Upper

79 100

52 0.0 37.6 56.4#

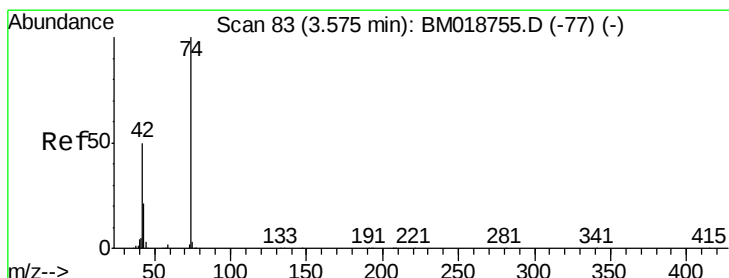
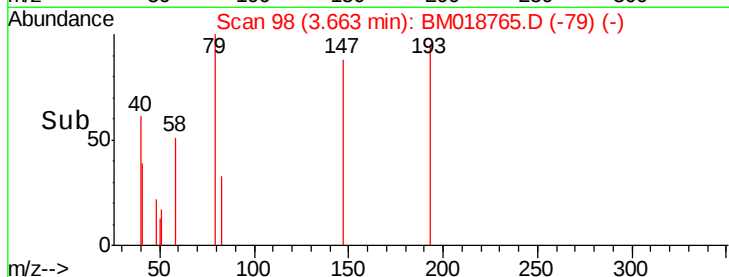
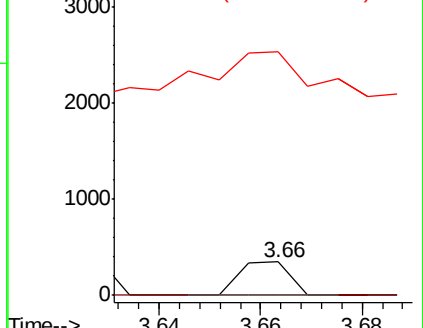
51 727.0 19.7 29.5#



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: 0.183 ng

RT: 3.59 min Scan# 85

Delta R.T. 0.01 min

Lab File: BM018765.D

Acq: 11 Feb 2019 19:40

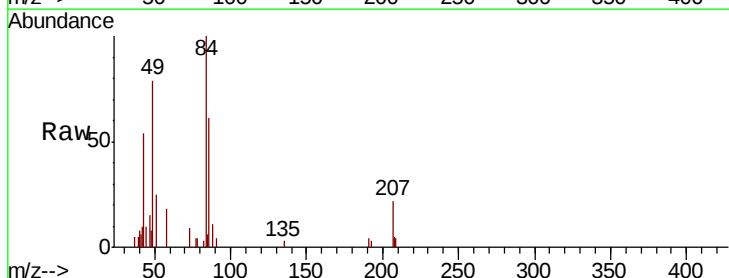
Tgt Ion: 42 Resp: 1010

Ion Ratio Lower Upper

42 100

74 0.0 158.1 237.1#

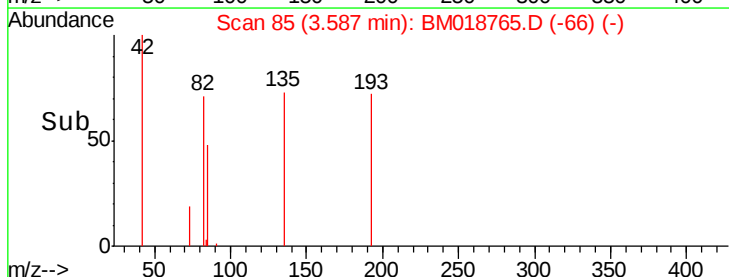
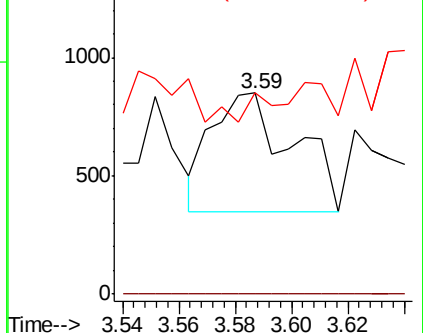
44 100.2 4.9 7.3#

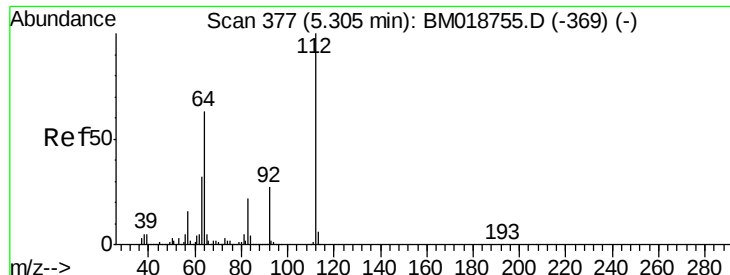


Abundance Ion 42.00 (41.70 to 42.70): BM018755.D (-77) (-)

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: 59.269 ng

RT: 5.30 min Scan# 377

Delta R.T. -0.00 min

Lab File: BM018765.D

Acq: 11 Feb 2019 19:40

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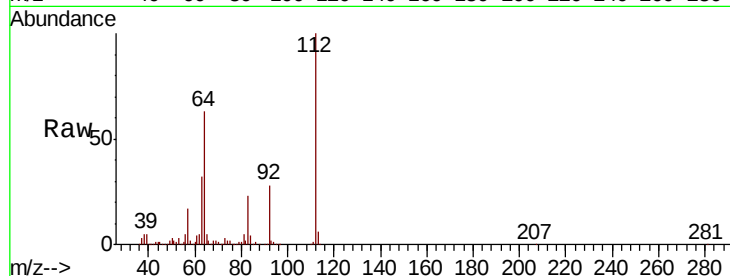
Tgt Ion: 112 Resp: 1083157

Ion Ratio Lower Upper

112 100

64 63.3 50.6 75.8

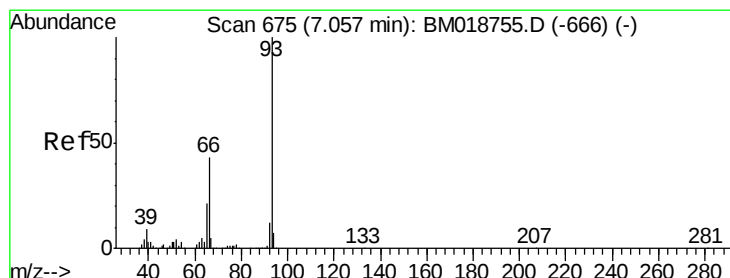
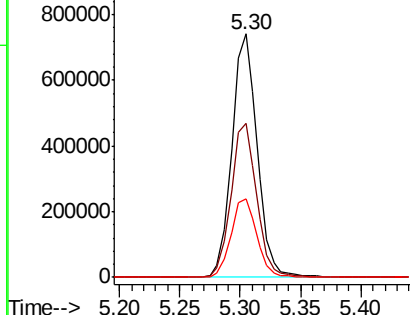
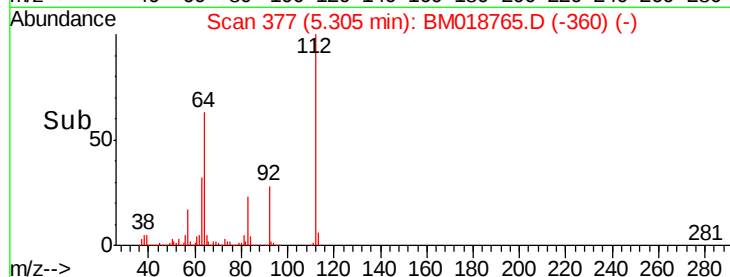
63 32.4 25.7 38.5



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: 0.005 ng

RT: 7.06 min Scan# 675

Delta R.T. -0.00 min

Lab File: BM018765.D

Acq: 11 Feb 2019 19:40

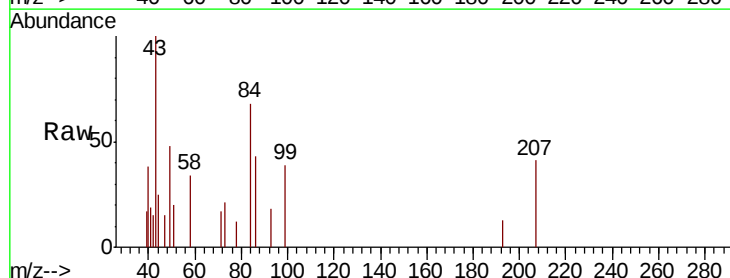
Tgt Ion: 93 Resp: 155

Ion Ratio Lower Upper

93 100

66 0.0 34.1 51.1#

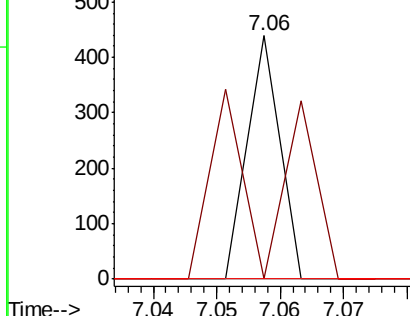
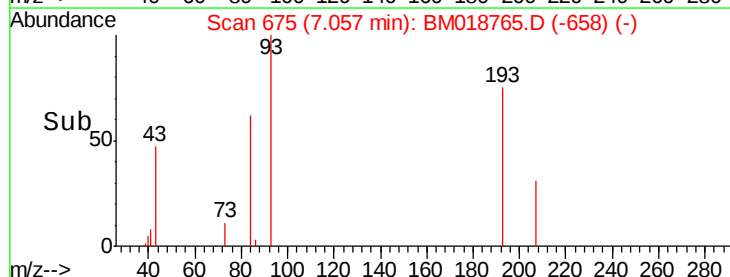
65 0.0 16.6 24.8#

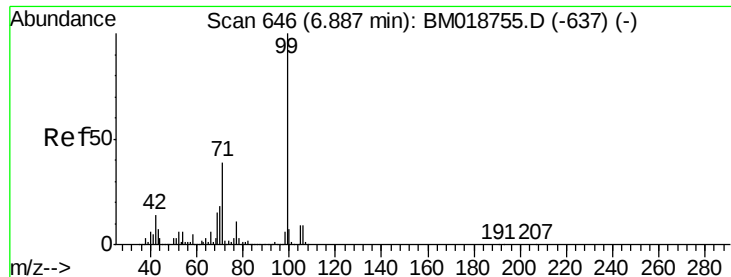


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 34.488 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM018765.D

Acq: 11 Feb 2019 19:40

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B-23-OW

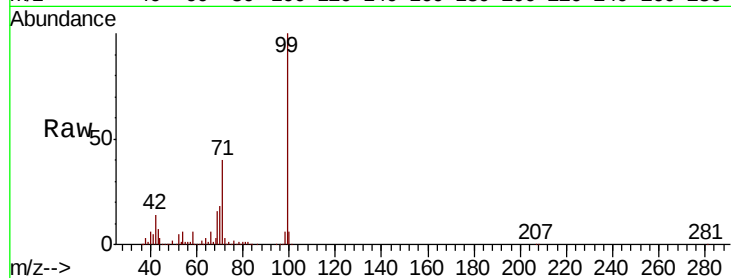
Tgt Ion: 99 Resp: 887903

Ion Ratio Lower Upper

99 100

42 14.2 11.0 16.6

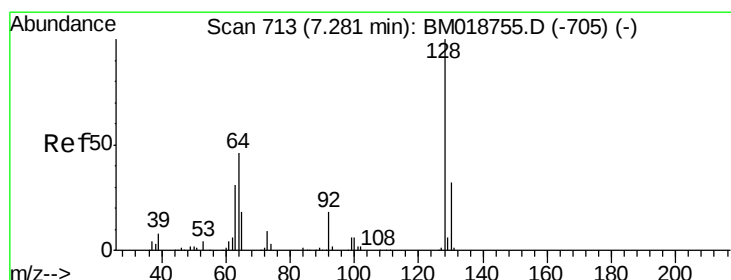
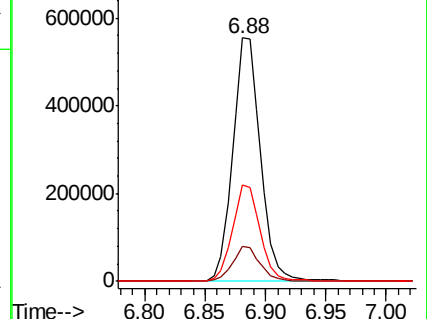
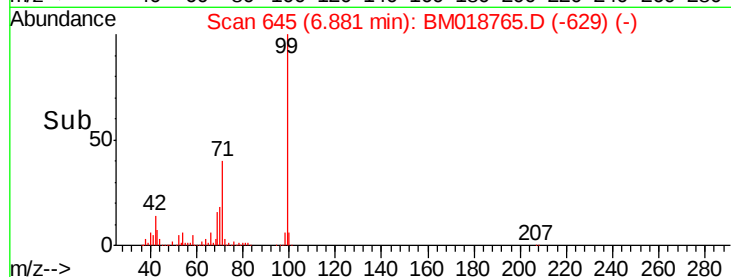
71 39.7 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018765.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018765.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018765.D (-637) (-)



#8

2-Chlorophenol

Concen: 0.022 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BM018765.D

Acq: 11 Feb 2019 19:40

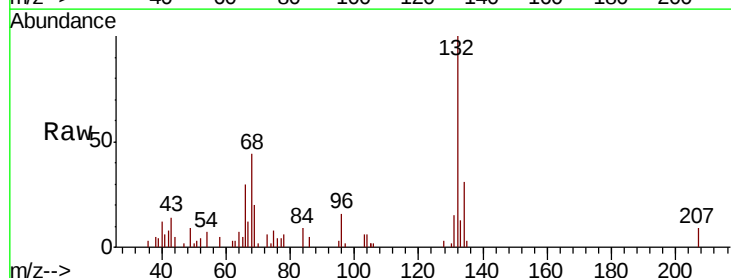
Tgt Ion: 128 Resp: 439

Ion Ratio Lower Upper

128 100

130 74.3 11.7 51.7#

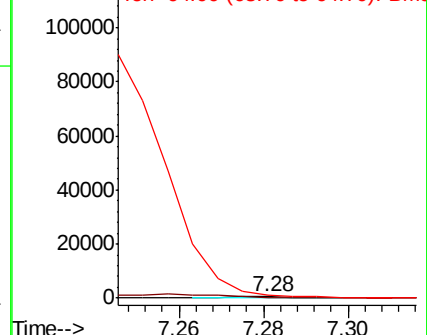
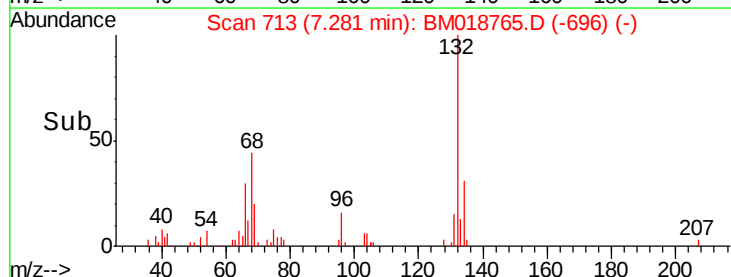
64 239.7 31.0 71.0#

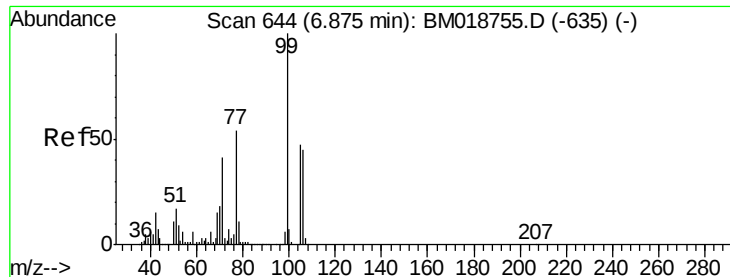


Abundance Ion 128.00 (127.70 to 128.70): BM018765.D (-696) (-)

Ion 130.00 (129.70 to 130.70): BM018765.D (-696) (-)

Ion 64.00 (63.70 to 64.70): BM018765.D (-696) (-)





#9

Benzaldehyde

Concen: Below Cal

RT: 6.89 min Scan# 646

Delta R.T. 0.01 min

Lab File: BM018765.D

Acq: 11 Feb 2019 19:40

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ClientSampled :

B-23-OW

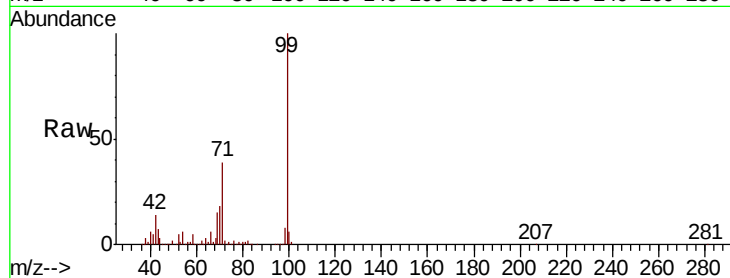
Tgt Ion: 77 Resp: 2630

Ion Ratio Lower Upper

77 100

105 0.0 67.3 107.3#

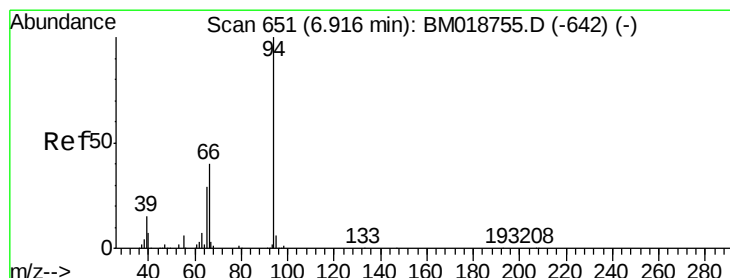
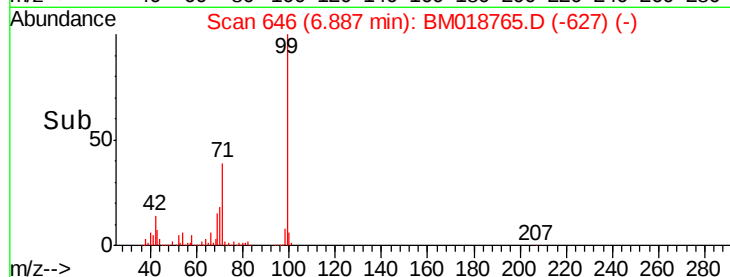
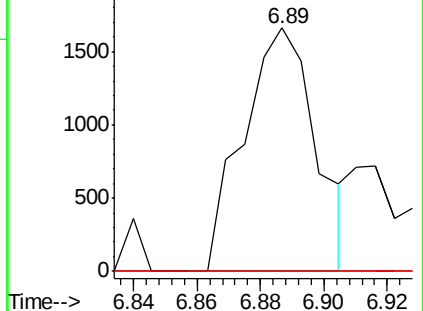
106 0.0 62.9 102.9#



Abundance Ion 77.00 (76.70 to 77.70): BM018765.D (-627) (-)

Ion 105.00 (104.70 to 105.70): BM018765.D (-627) (-)

Ion 106.00 (105.70 to 106.70): BM018765.D (-627) (-)



#10

Phenol

Concen: 2.135 ng

RT: 6.91 min Scan# 650

Delta R.T. -0.01 min

Lab File: BM018765.D

Acq: 11 Feb 2019 19:40

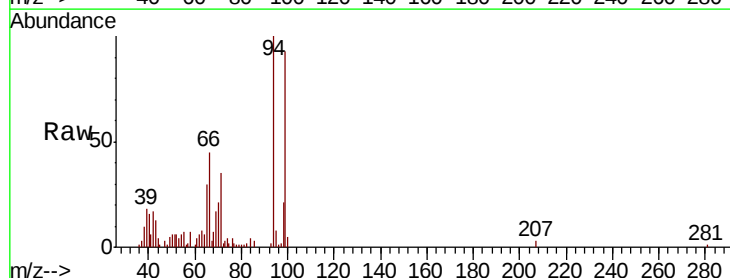
Tgt Ion: 94 Resp: 57837

Ion Ratio Lower Upper

94 100

65 30.2 9.6 49.6

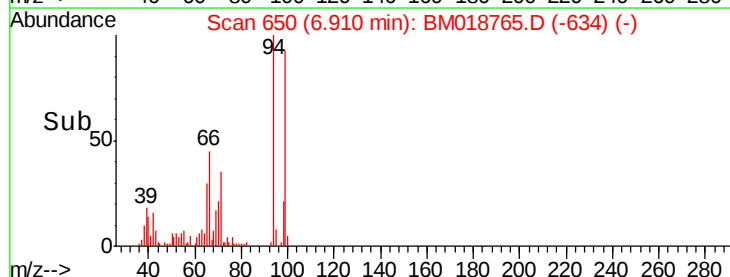
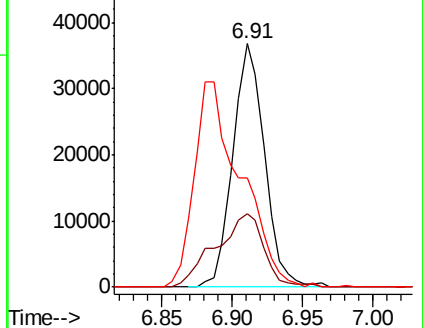
66 44.7 20.4 60.4

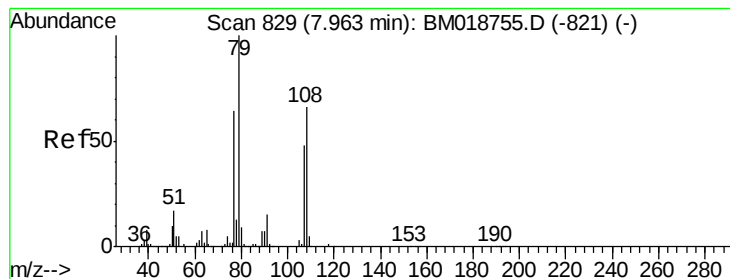


Abundance Ion 94.00 (93.70 to 94.70): BM018765.D (-634) (-)

Ion 65.00 (64.70 to 65.70): BM018765.D (-634) (-)

Ion 66.00 (65.70 to 66.70): BM018765.D (-634) (-)





#15

Benzyl Alcohol

Concen: 1.810 ng

RT: 8.03 min Scan# 840

Delta R.T. 0.06 min

Lab File: BM018765.D

Acq: 11 Feb 2019 19:40

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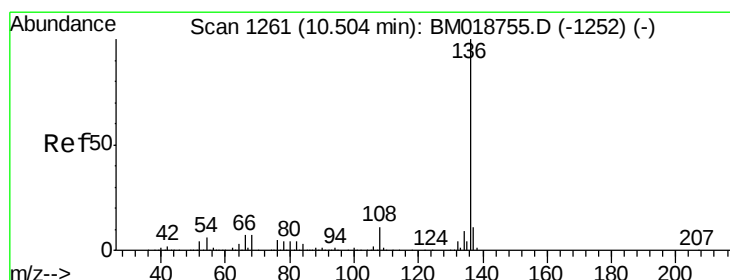
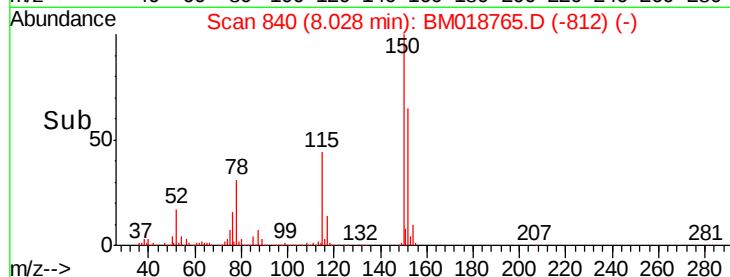
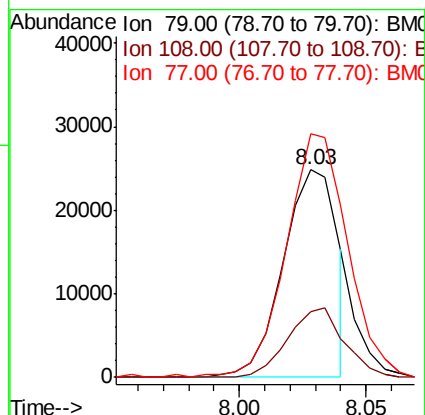
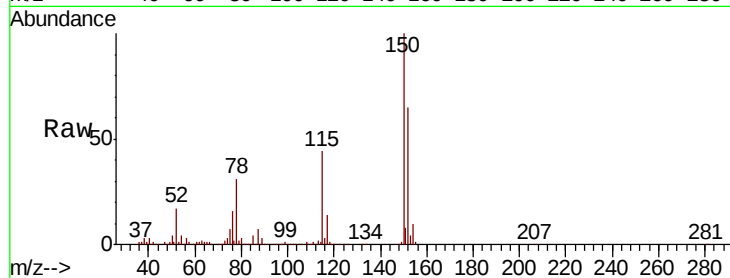
Tgt Ion: 79 Resp: 37032

Ion Ratio Lower Upper

79 100

108 31.4 52.7 79.1#

77 117.3 51.0 76.4#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BM018765.D

Acq: 11 Feb 2019 19:40

Tgt Ion: 136 Resp: 1204750

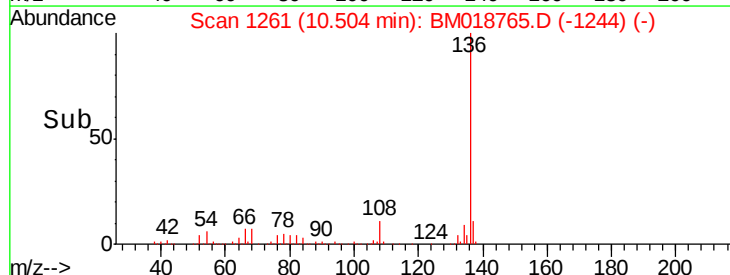
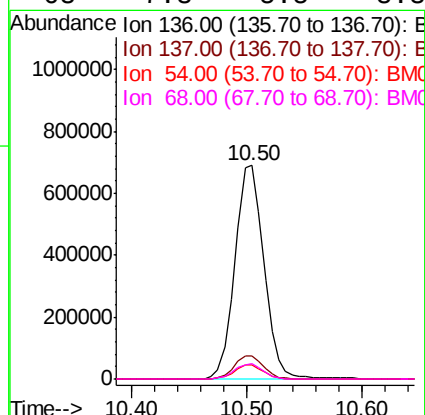
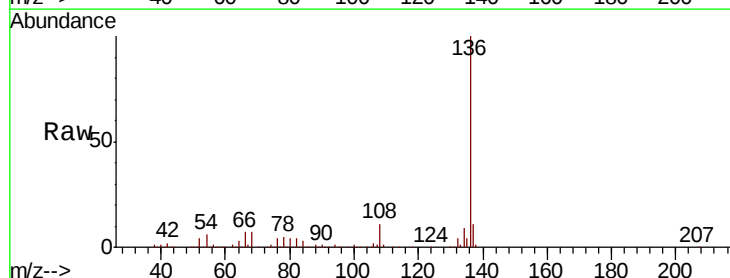
Ion Ratio Lower Upper

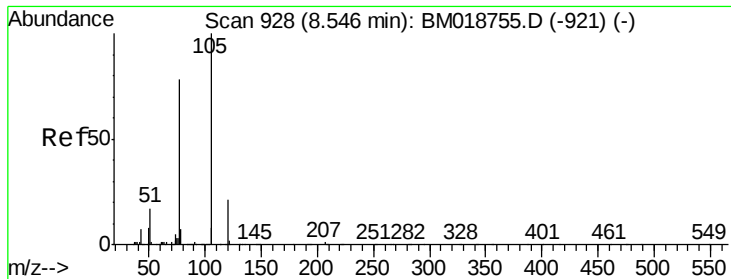
136 100

137 10.8 8.8 13.2

54 6.4 5.0 7.6

68 7.3 5.5 8.3





#22

Acetophenone

Concen: 0.017 ng

RT: 8.56 min Scan# 931

Delta R.T. 0.02 min

Lab File: BM018765.D

Acq: 11 Feb 2019 19:40

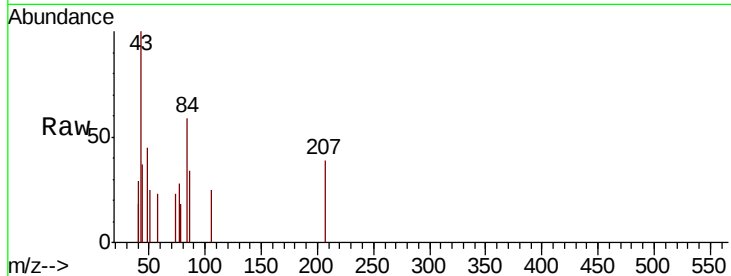
Instrument :

BNA_M

ClientSampleId :

B-23-OW

Tgt Ion:	105	Resp:	568
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.1	1.7#
51	98.4	15.5	23.3#
120	0.0	17.0	25.4#

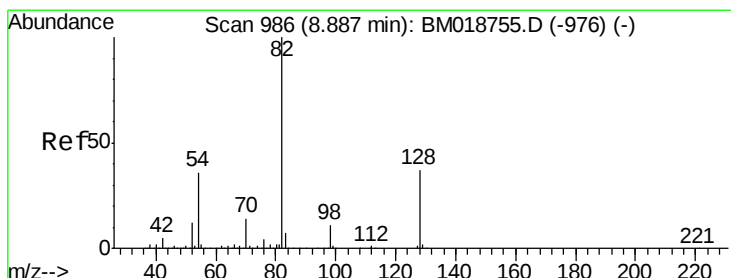
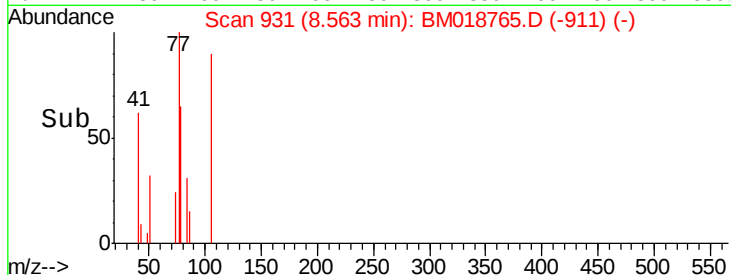
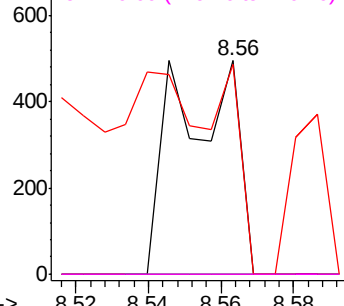


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 98.434 ng

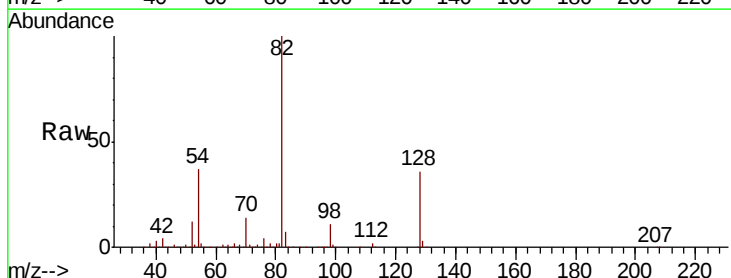
RT: 8.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BM018765.D

Acq: 11 Feb 2019 19:40

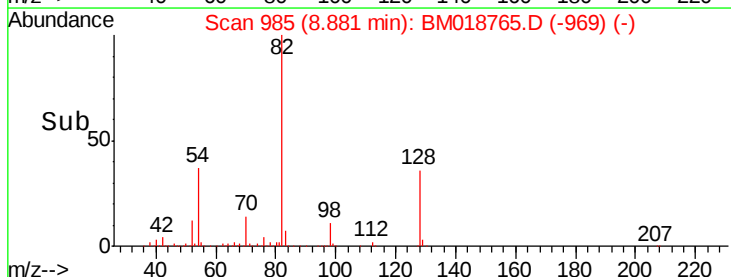
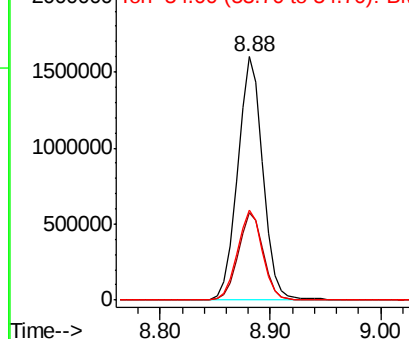
Tgt Ion:	82	Resp:	2564707
Ion	Ratio	Lower	Upper
82	100		
128	35.9	29.9	44.9
54	36.8	29.1	43.7

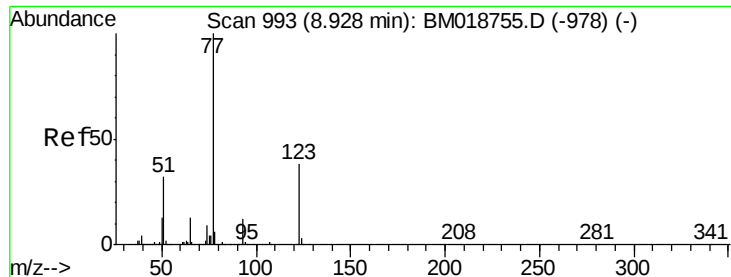


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

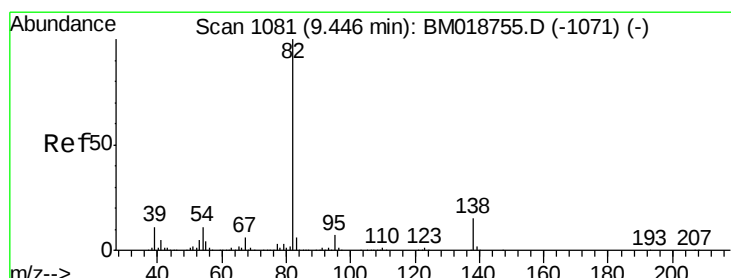
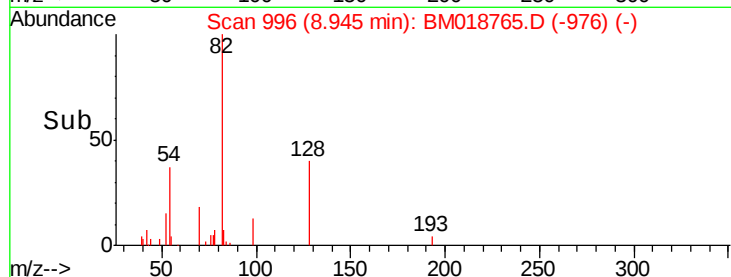
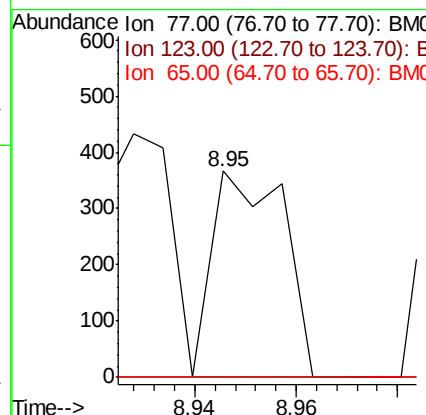
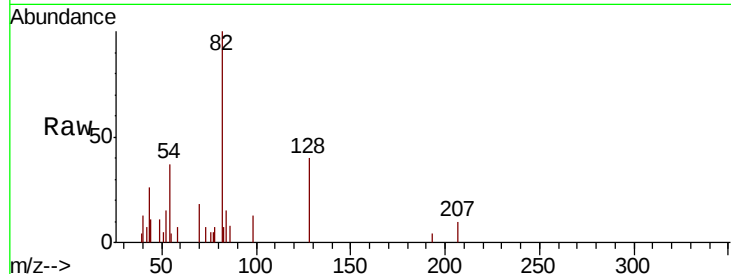




#24
Nitrobenzene
Concen: 0.013 ng
RT: 8.95 min Scan# 996
Delta R.T. 0.02 min
Lab File: BM018765.D
Acq: 11 Feb 2019 19:40

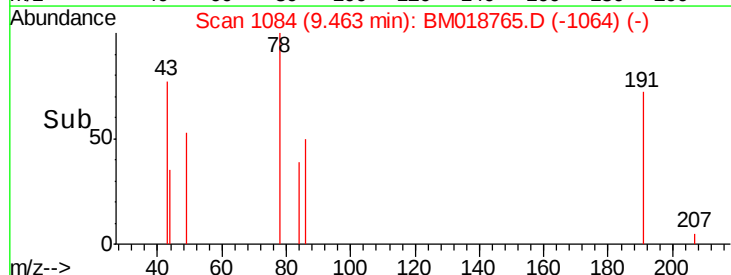
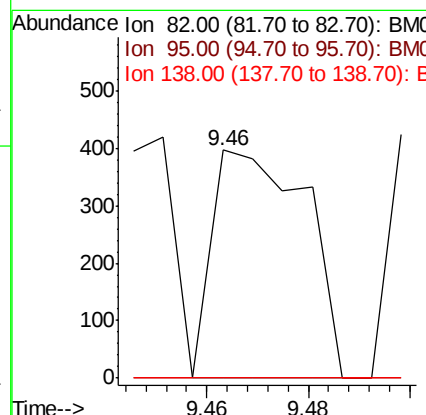
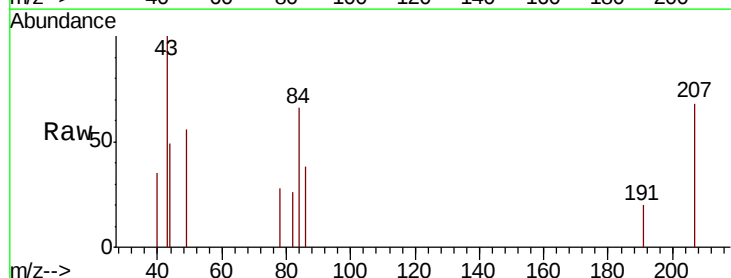
Instrument :
BNA_M
ClientSampleId :
B-23-OW

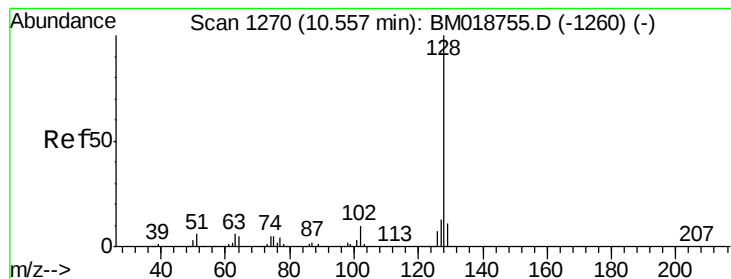
Tgt Ion: 77 Resp: 358
Ion Ratio Lower Upper
77 100
123 0.0 30.7 46.1#
65 0.0 10.5 15.7#



#25
Isophorone
Concen: 0.012 ng
RT: 9.46 min Scan# 1084
Delta R.T. 0.02 min
Lab File: BM018765.D
Acq: 11 Feb 2019 19:40

Tgt Ion: 82 Resp: 508
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 12.3 18.5#

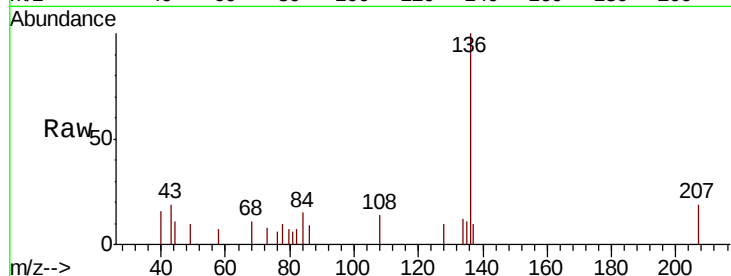




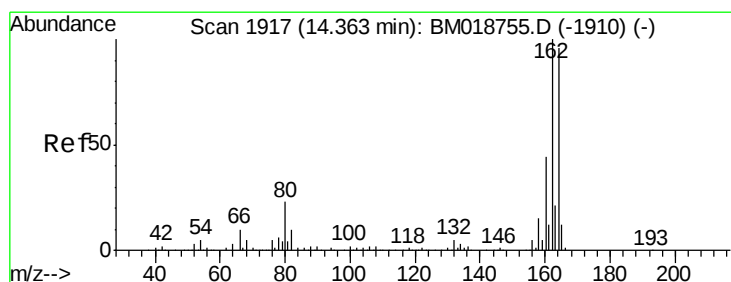
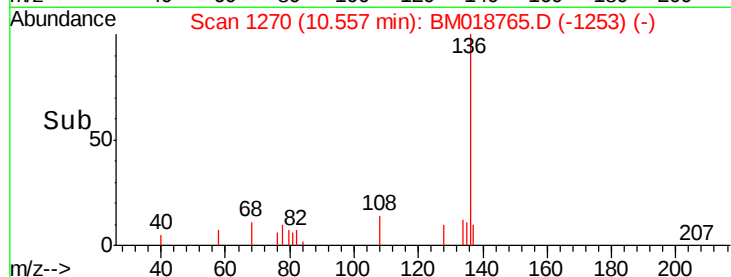
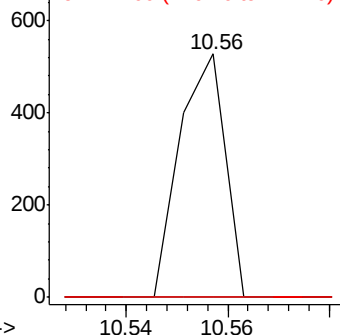
#31
Naphthalene
Concen: 0.006 ng
RT: 10.56 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BM018765.D
Acq: 11 Feb 2019 19:40

Instrument :
BNA_M
ClientSampleId :
B-23-OW

Tgt Ion:128 Resp: 328
Ion Ratio Lower Upper
128 100
129 0.0 9.0 13.4#
127 0.0 10.7 16.1#

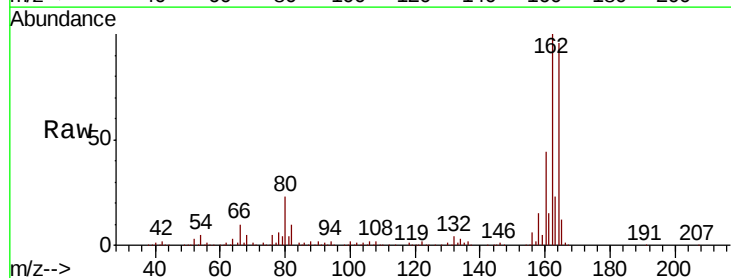


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

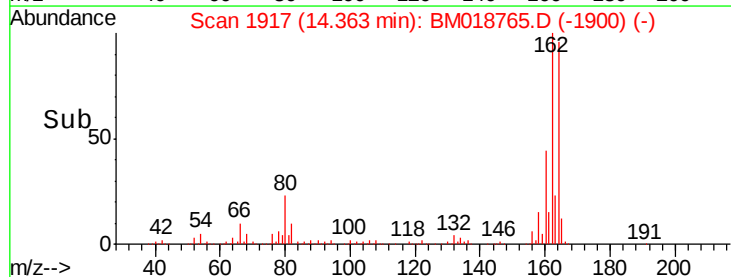
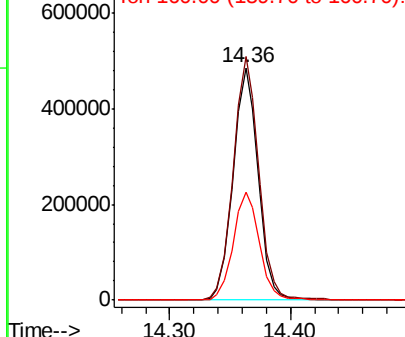


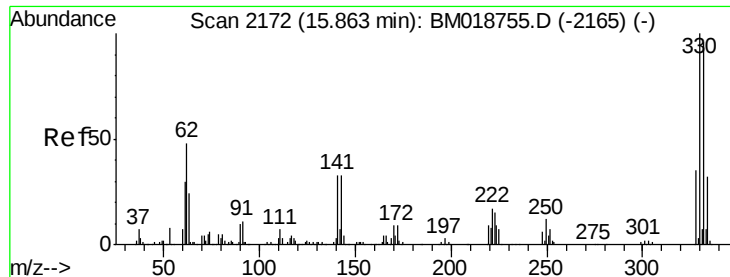
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.36 min Scan# 1917
Delta R.T. -0.00 min
Lab File: BM018765.D
Acq: 11 Feb 2019 19:40

Tgt Ion:164 Resp: 704007
Ion Ratio Lower Upper
164 100
162 104.7 83.4 125.0
160 46.4 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

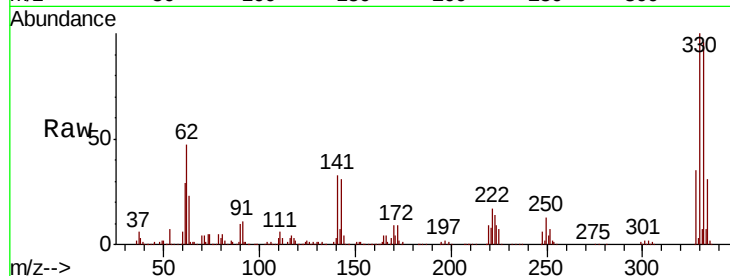




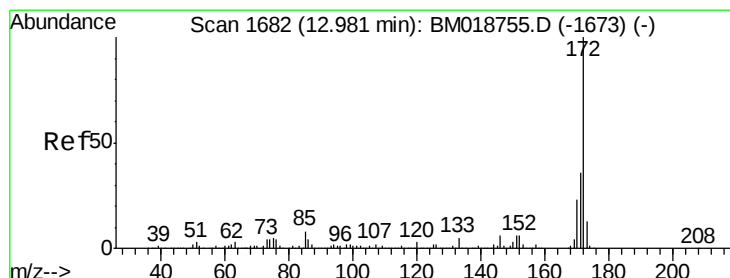
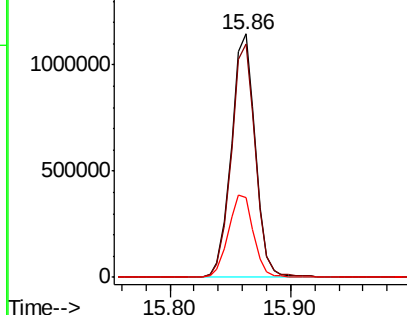
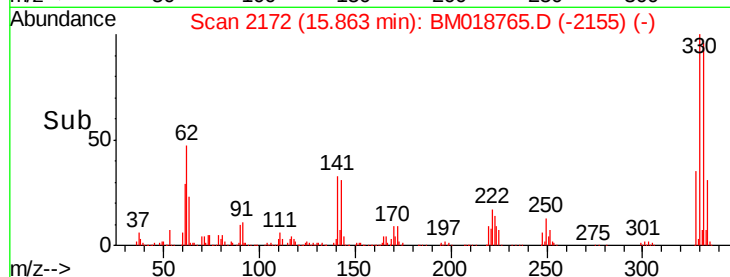
#42
 2,4,6-Tribromophenol
 Concen: 156.726 ng
 RT: 15.86 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: BM018765.D
 Acq: 11 Feb 2019 19:40

Instrument :
 BNA_M
 ClientSampled :
 B-23-OW

Tgt Ion:330 Resp: 1590465
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.9 115.3
 141 35.6 28.7 43.1

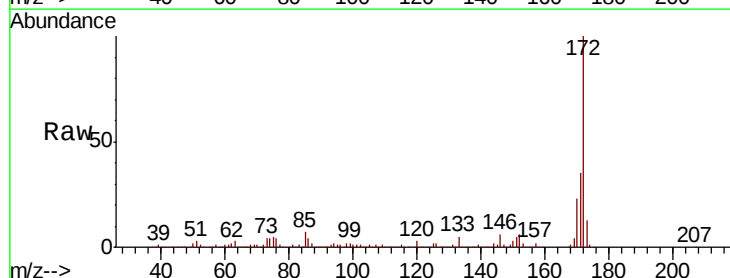


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

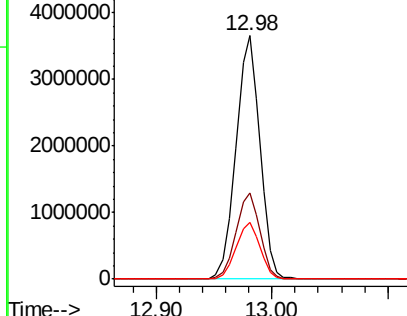
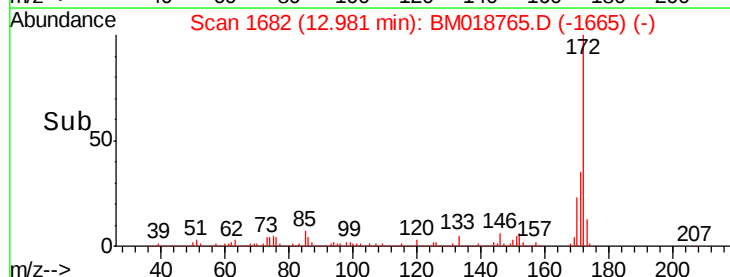


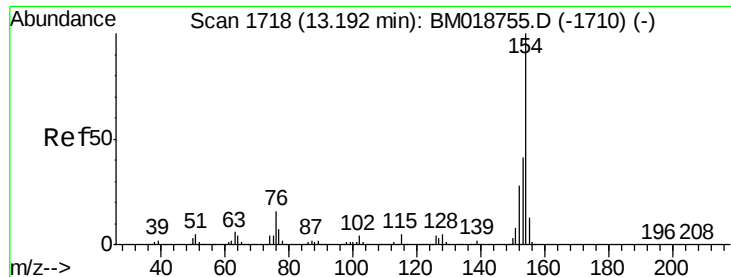
#45
 2-Fluorobiphenyl
 Concen: 98.787 ng
 RT: 12.98 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BM018765.D
 Acq: 11 Feb 2019 19:40

Tgt Ion:172 Resp: 5239011
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.0 43.6
 170 23.2 18.6 28.0



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

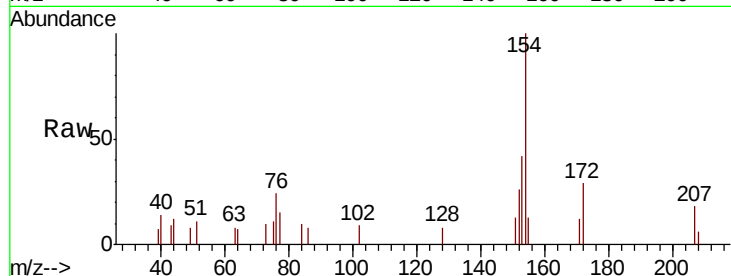




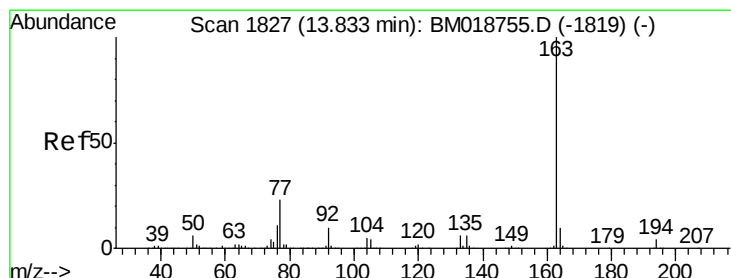
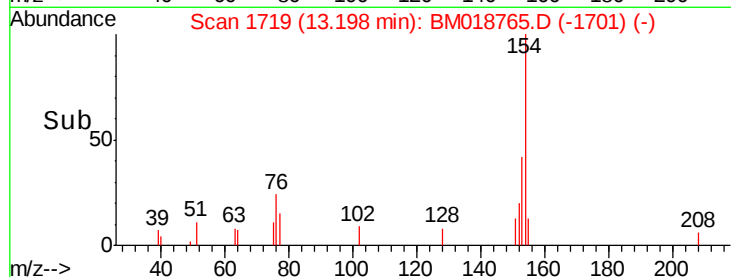
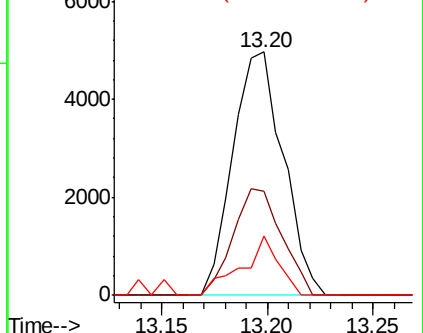
#46
 1,1'-Biphenyl
 Concen: 0.135 ng
 RT: 13.20 min Scan# 1719
 Delta R.T. 0.01 min
 Lab File: BM018765.D
 Acq: 11 Feb 2019 19:40

Instrument :
 BNA_M
 ClientSampleId :
 B-23-OW

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	21.1	61.1
76	24.5	0.0	35.7

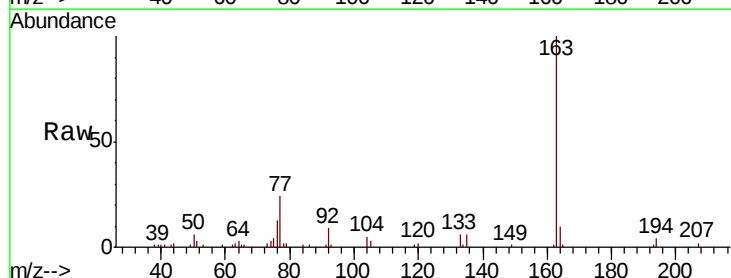


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

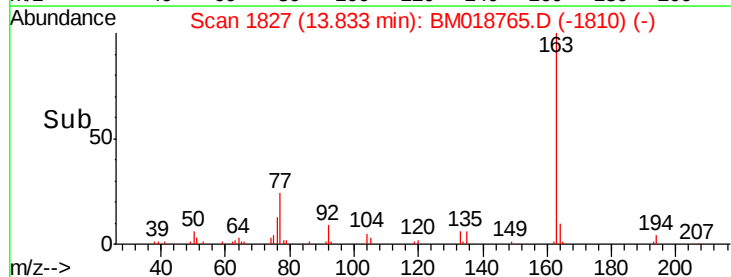
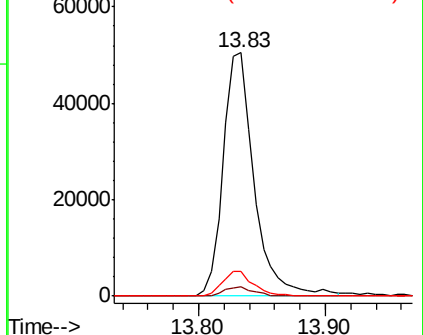


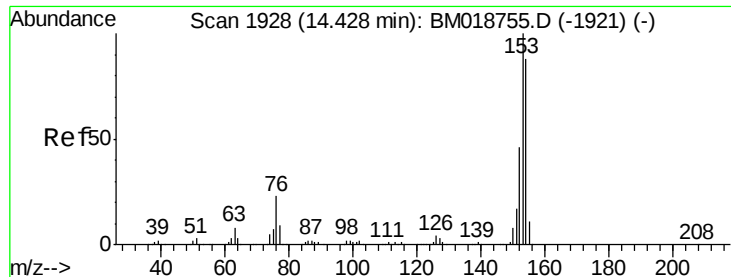
#50
 Dimethylphthalate
 Concen: 1.458 ng
 RT: 13.83 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BM018765.D
 Acq: 11 Feb 2019 19:40

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.1	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





#52

Acenaphthene

Concen: 0.009 ng

RT: 14.43 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BM018765.D

Acq: 11 Feb 2019 19:40

Instrument :

BNA_M

ClientSampleId :

B-23-OW

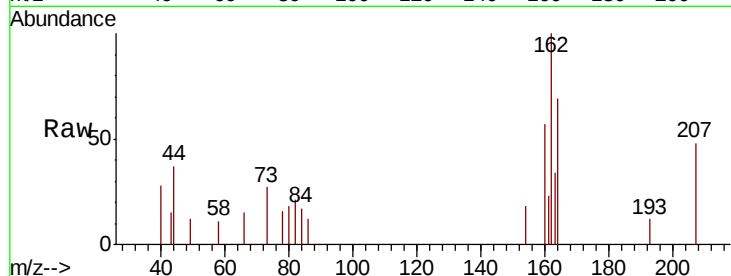
Tgt Ion:154 Resp: 388

Ion Ratio Lower Upper

154 100

153 0.0 91.3 136.9#

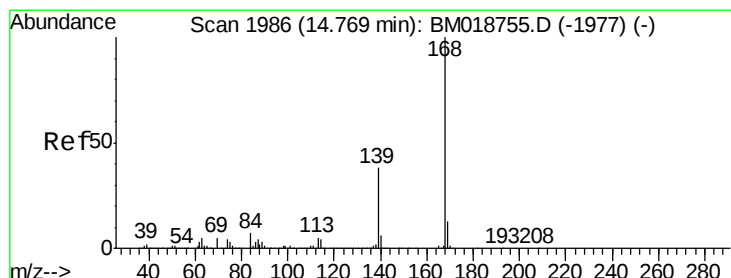
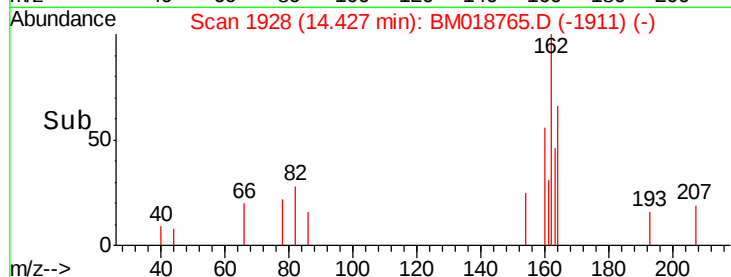
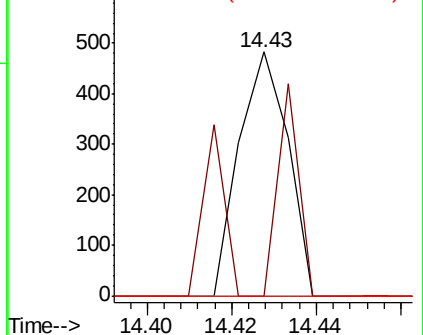
152 0.0 42.2 63.4#



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



#55

Dibenzofuran

Concen: 0.004 ng

RT: 14.77 min Scan# 1987

Delta R.T. 0.01 min

Lab File: BM018765.D

Acq: 11 Feb 2019 19:40

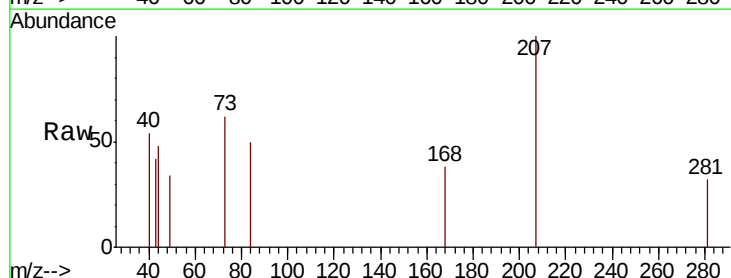
Tgt Ion:168 Resp: 314

Ion Ratio Lower Upper

168 100

139 0.0 30.7 46.1#

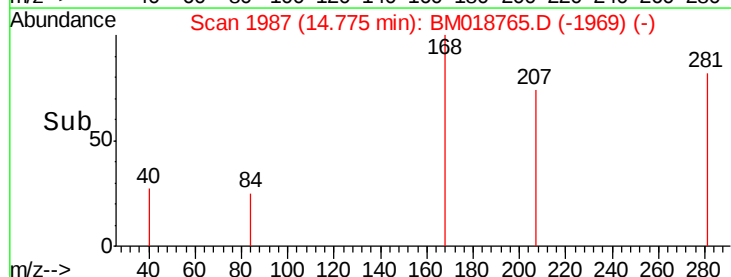
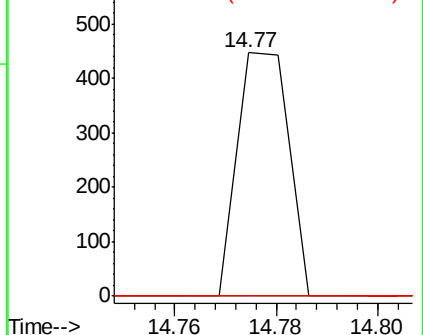
169 0.0 10.3 15.5#

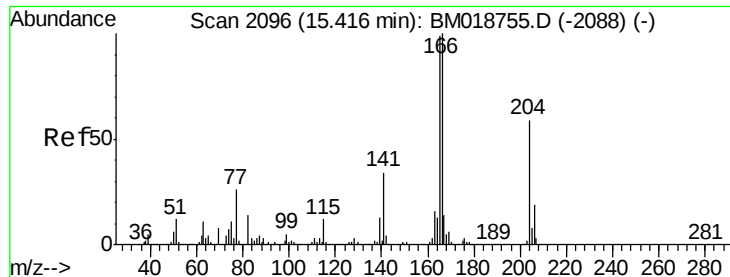


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#58

Fluorene

Concen: 0.006 ng

RT: 15.42 min Scan# 2097

Delta R.T. 0.01 min

Lab File: BM018765.D

Acq: 11 Feb 2019 19:40

Instrument :

BNA_M

ClientSampleId :

B-23-OW

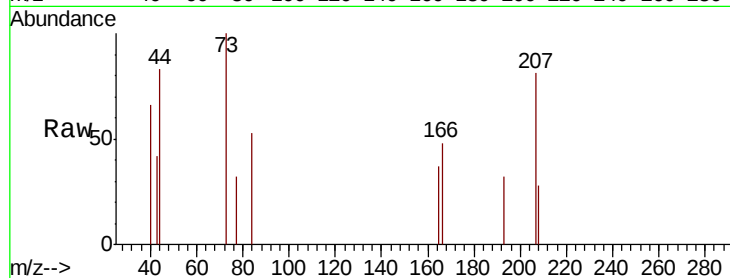
Tgt Ion:166 Resp: 314

Ion Ratio Lower Upper

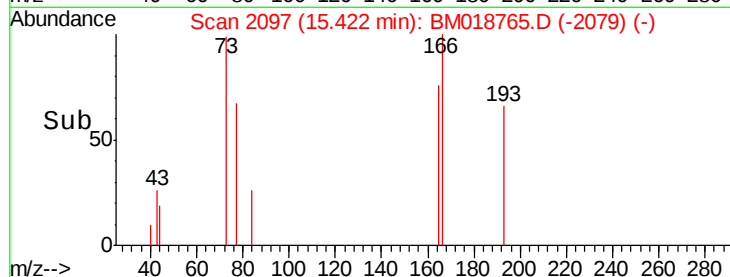
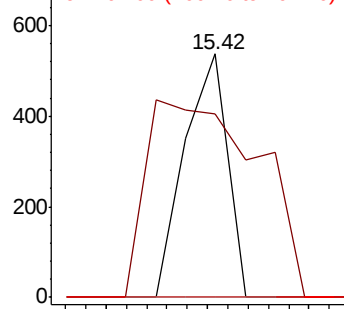
166 100

165 75.6 79.1 118.7#

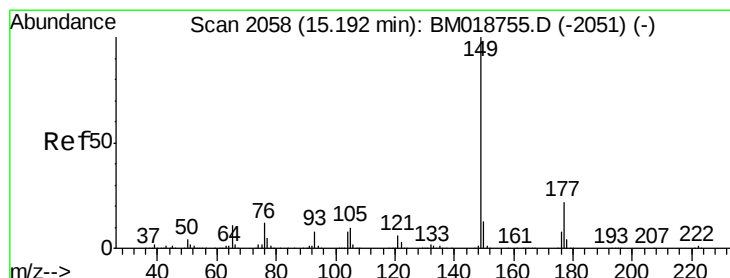
167 0.0 11.0 16.4#



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



Time-->



#60

Diethylphthalate

Concen: 0.174 ng

RT: 15.19 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BM018765.D

Acq: 11 Feb 2019 19:40

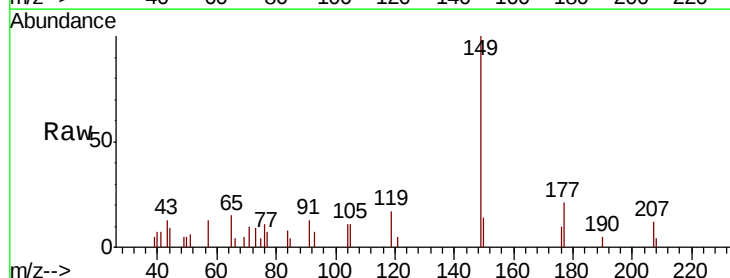
Tgt Ion:149 Resp: 10553

Ion Ratio Lower Upper

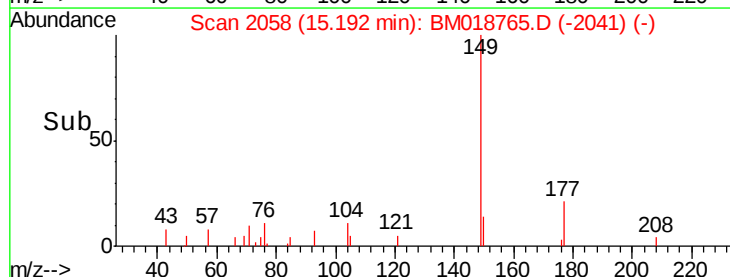
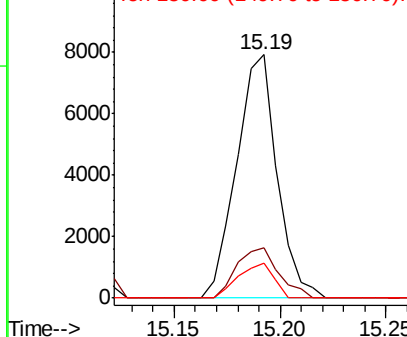
149 100

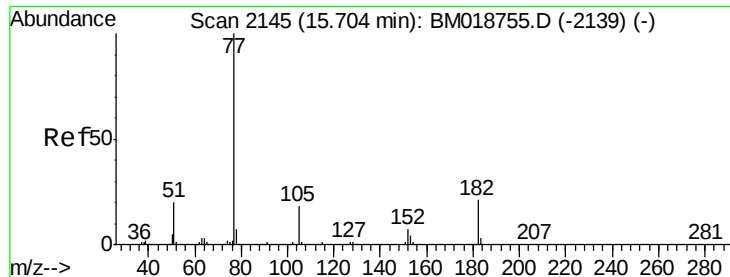
177 20.8 17.2 25.8

150 14.1 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: 0.012 ng

RT: 15.70 min Scan# 2145

Delta R.T. -0.00 min

Lab File: BM018765.D

Acq: 11 Feb 2019 19:40

Instrument :

BNA_M

ClientSampled :

B-23-OW

Tgt Ion: 77 Resp: 755

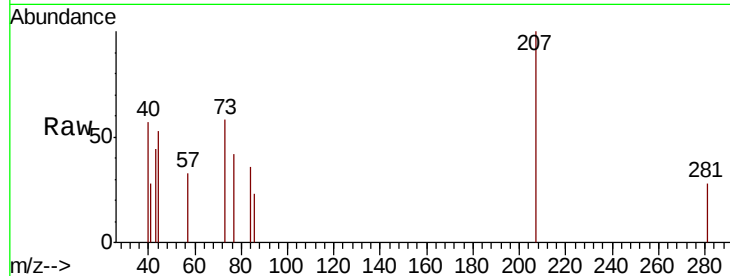
Ion Ratio Lower Upper

77 100

182 0.0 1.0 41.0#

105 0.0 0.0 37.7

51 0.0 0.3 40.3#

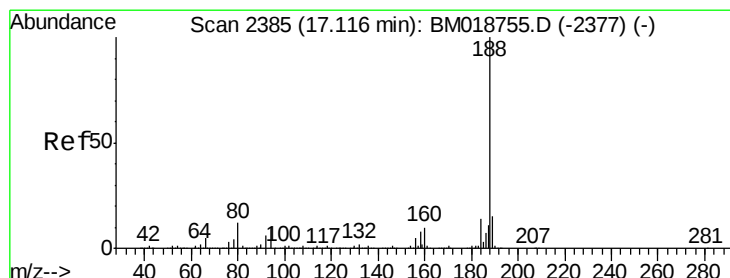
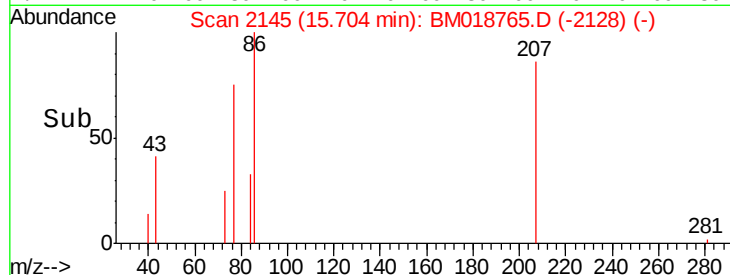
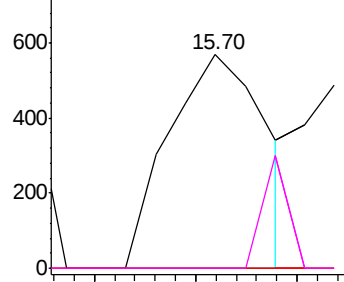


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.12 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BM018765.D

Acq: 11 Feb 2019 19:40

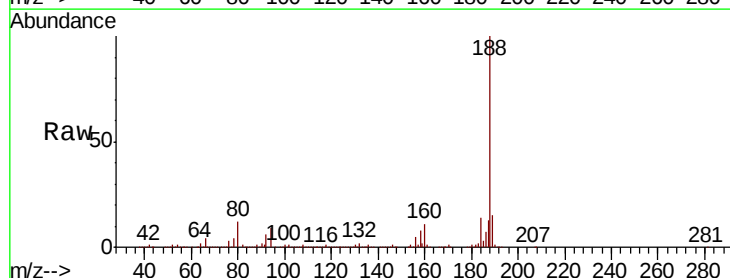
Tgt Ion: 188 Resp: 1668089

Ion Ratio Lower Upper

188 100

94 9.5 8.2 12.2

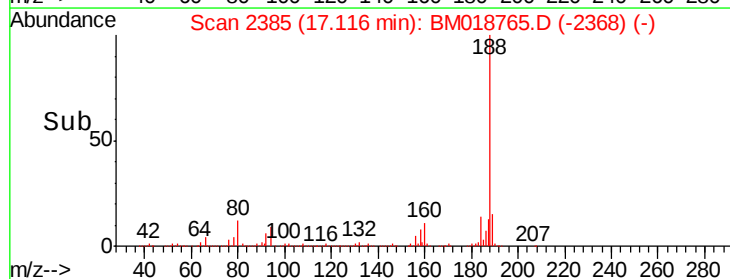
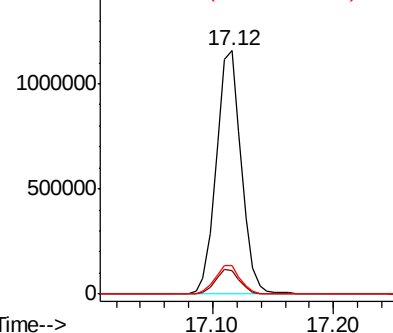
80 11.5 9.7 14.5

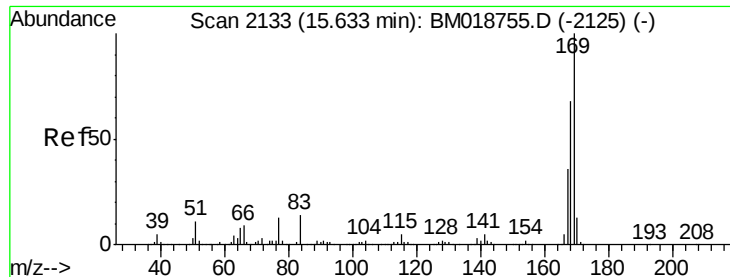


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

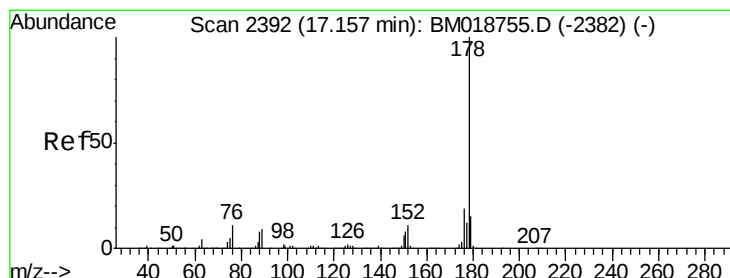
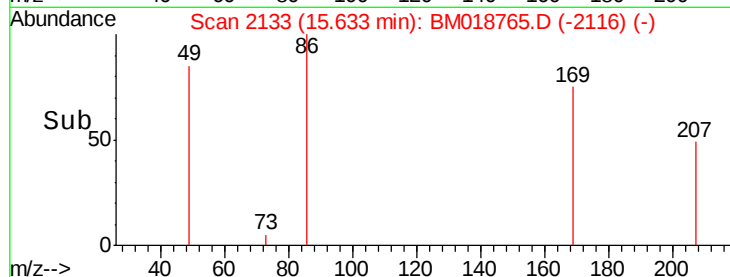
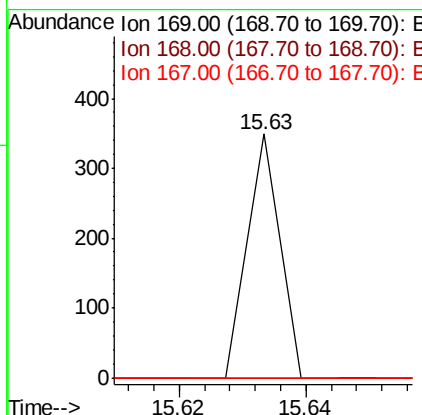
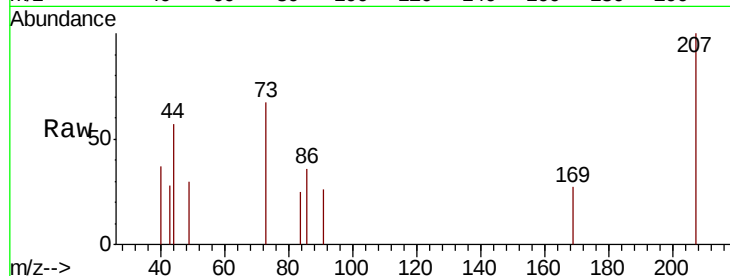




#66
 n-Nitrosodiphenylamine
 Concen: 0.002 ng
 RT: 15.63 min Scan# 2133
 Delta R.T. -0.00 min
 Lab File: BM018765.D
 Acq: 11 Feb 2019 19:40

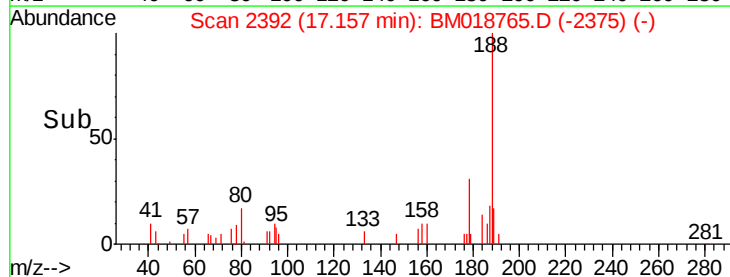
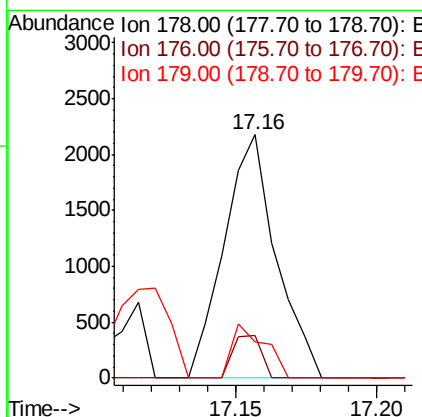
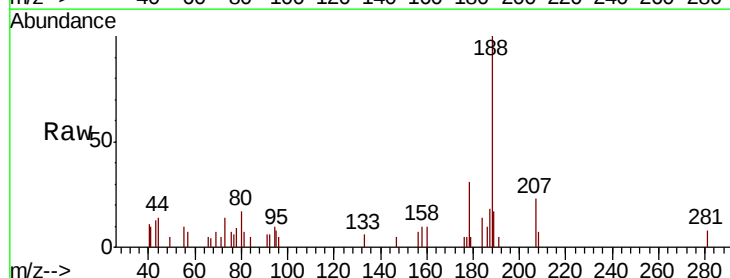
Instrument :
 BNA_M
 ClientSampleId :
 B-23-OW

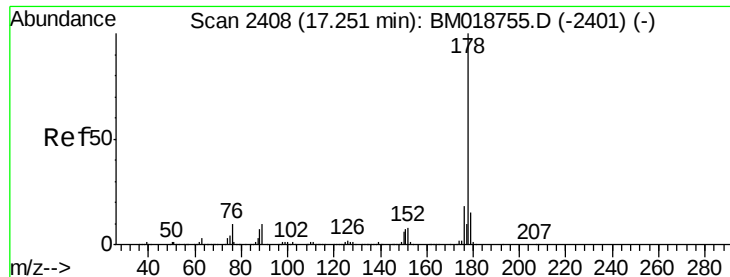
Tgt Ion	Ratio	Lower	Upper
169	100		
168	0.0	54.4	81.6#
167	0.0	29.0	43.6#



#71
 Phenanthrene
 Concen: 0.031 ng
 RT: 17.16 min Scan# 2392
 Delta R.T. -0.00 min
 Lab File: BM018765.D
 Acq: 11 Feb 2019 19:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.4	15.4	23.0
179	15.2	12.3	18.5





#72

Anthracene

Concen: 0.012 ng

RT: 17.26 min Scan# 2409

Delta R.T. 0.01 min

Lab File: BM018765.D

Acq: 11 Feb 2019 19:40

Instrument :

BNA_M

ClientSampleId :

B-23-OW

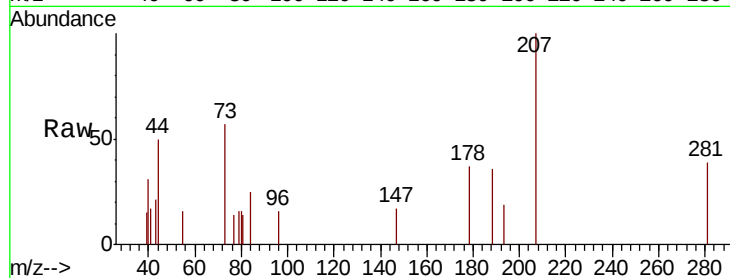
Tgt Ion:178 Resp: 1073

Ion Ratio Lower Upper

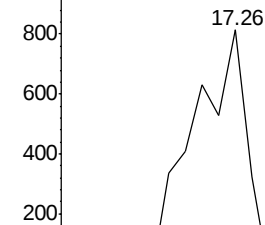
178 100

176 0.0 14.8 22.2#

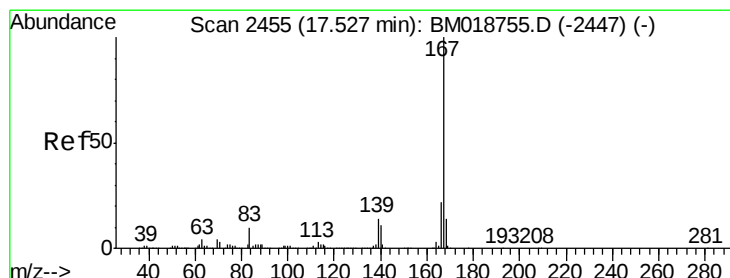
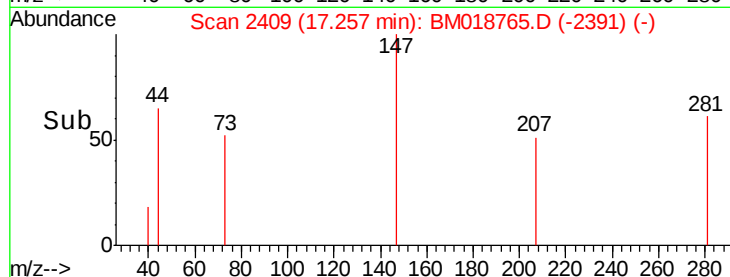
179 0.0 12.1 18.1#



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



Time--> 17.20 17.25



#73

Carbazole

Concen: 0.009 ng

RT: 17.54 min Scan# 2458

Delta R.T. 0.02 min

Lab File: BM018765.D

Acq: 11 Feb 2019 19:40

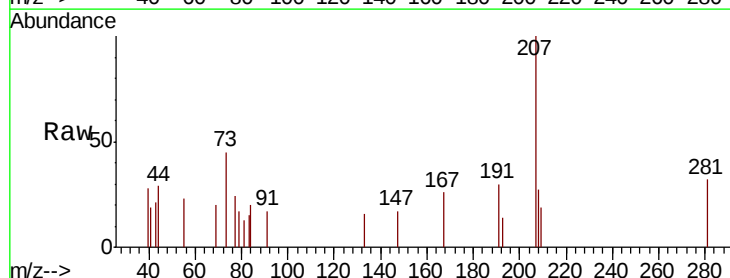
Tgt Ion:167 Resp: 784

Ion Ratio Lower Upper

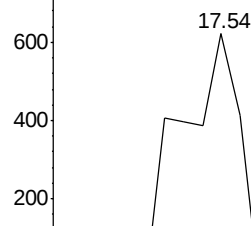
167 100

166 0.0 17.7 26.5#

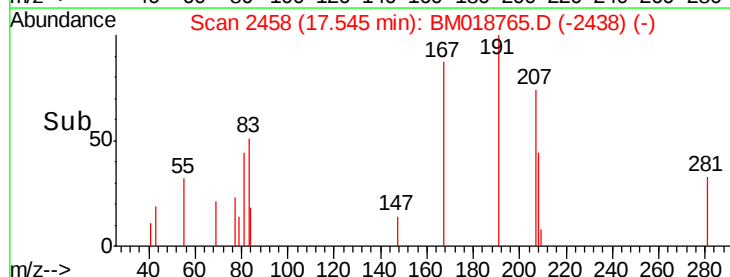
139 0.0 10.9 16.3#

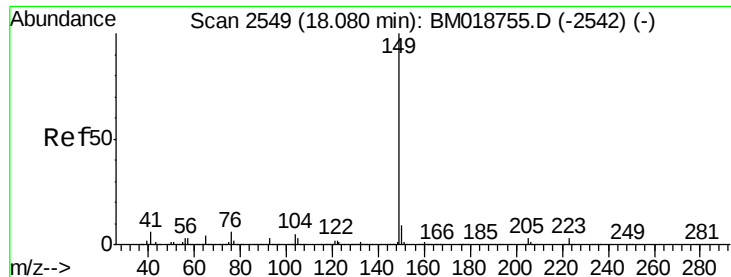


Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



Time--> 17.50 17.55

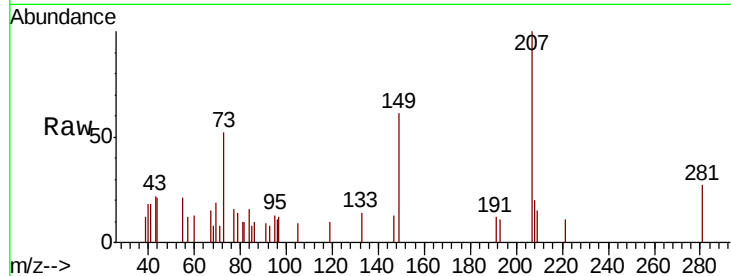




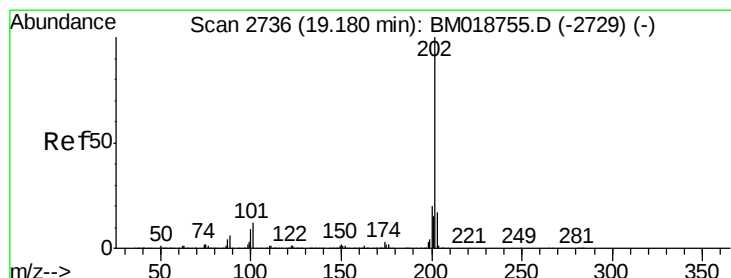
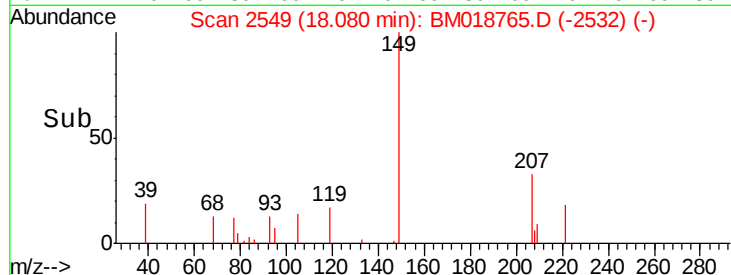
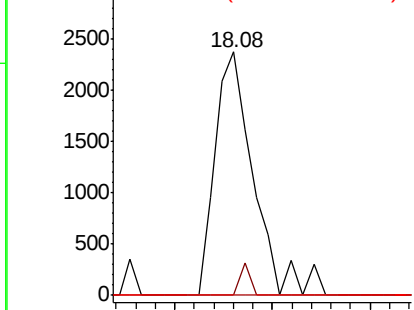
#74
Di-n-butylphthalate
Concen: 0.031 ng
RT: 18.08 min Scan# 2549
Delta R.T. -0.00 min
Lab File: BM018765.D
Acq: 11 Feb 2019 19:40

Instrument :
BNA_M
ClientSampleId :
B-23-OW

Tgt Ion:149 Resp: 3243
Ion Ratio Lower Upper
149 100
150 0.0 7.4 11.0#
104 0.0 4.3 6.5#

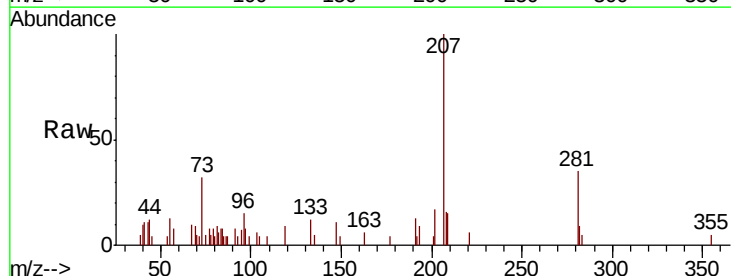


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

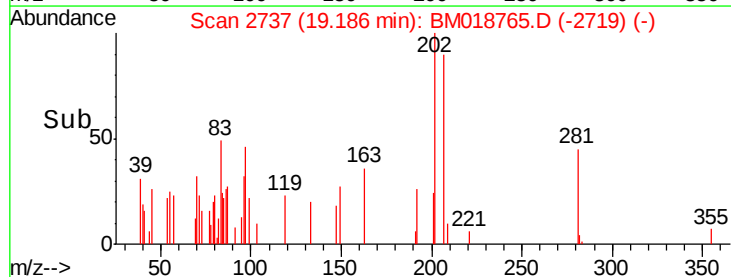
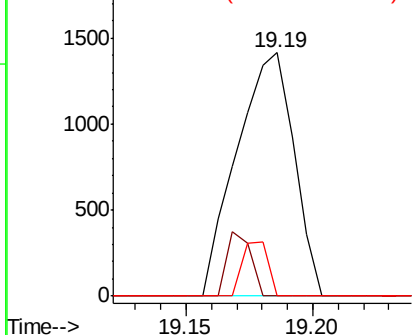


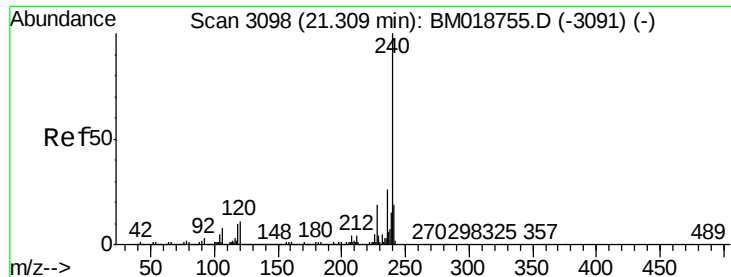
#75
Fluoranthene
Concen: 0.021 ng
RT: 19.19 min Scan# 2737
Delta R.T. 0.01 min
Lab File: BM018765.D
Acq: 11 Feb 2019 19:40

Tgt Ion:202 Resp: 2226
Ion Ratio Lower Upper
202 100
101 0.0 0.0 31.5
203 0.0 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

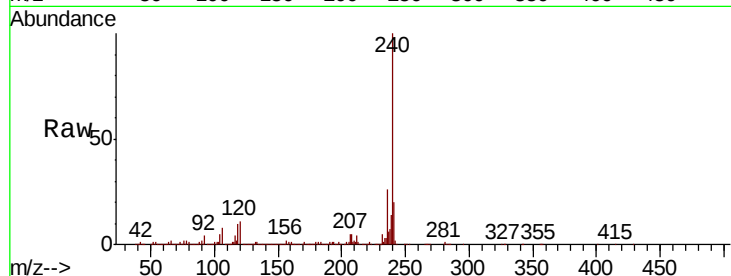




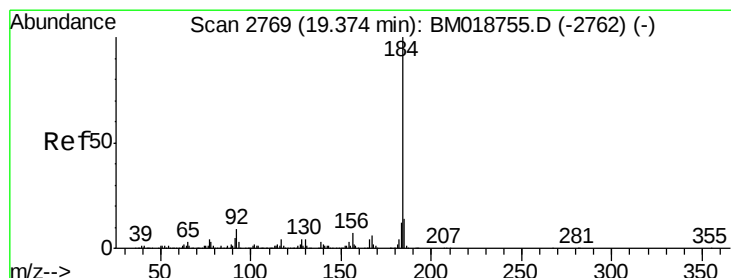
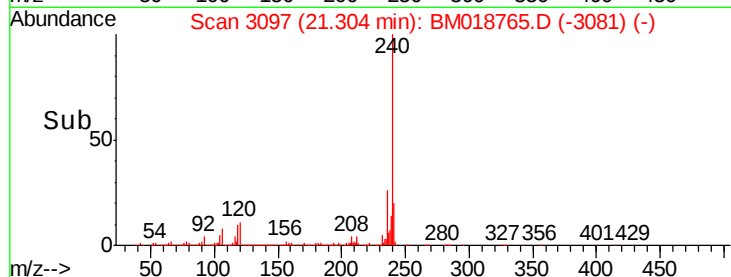
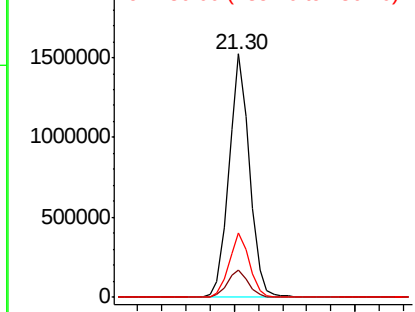
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.30 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM018765.D
Acq: 11 Feb 2019 19:40

Instrument :
BNA_M
ClientSampleId :
B-23-OW

Tgt Ion:240 Resp: 1796854
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 26.5 20.9 31.3

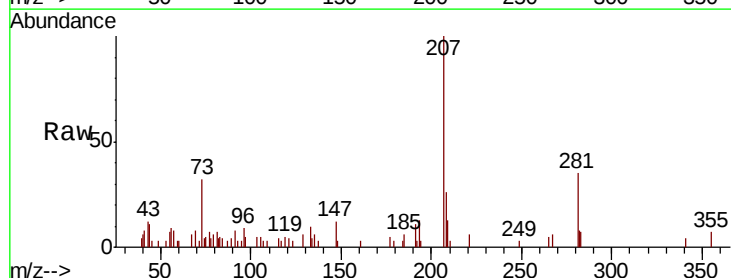


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

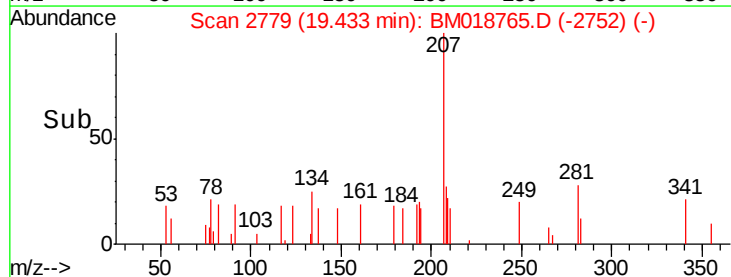
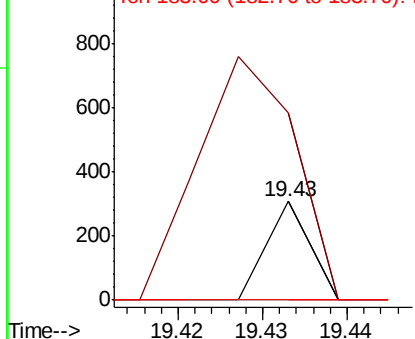


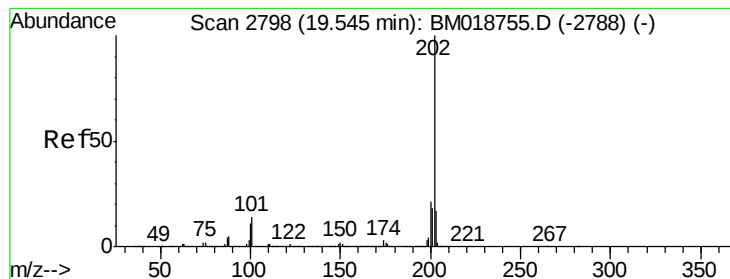
#77
Benzidine
Concen: 0.003 ng
RT: 19.43 min Scan# 2779
Delta R.T. 0.06 min
Lab File: BM018765.D
Acq: 11 Feb 2019 19:40

Tgt Ion:184 Resp: 109
Ion Ratio Lower Upper
184 100
185 190.3 11.2 16.8#
183 0.0 9.7 14.5#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#78

Pyrene

Concen: 0.024 ng

RT: 19.54 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BM018765.D

Acq: 11 Feb 2019 19:40

Instrument :

BNA_M

ClientSampled :

B-23-OW

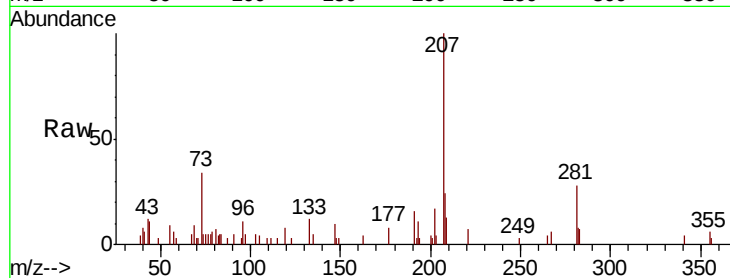
Tgt Ion:202 Resp: 2553

Ion Ratio Lower Upper

202 100

200 20.9 16.9 25.3

203 24.8 13.8 20.8#

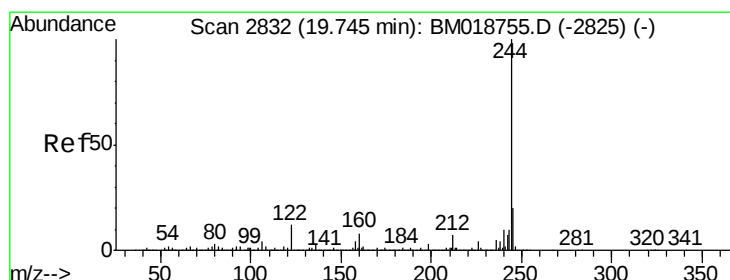
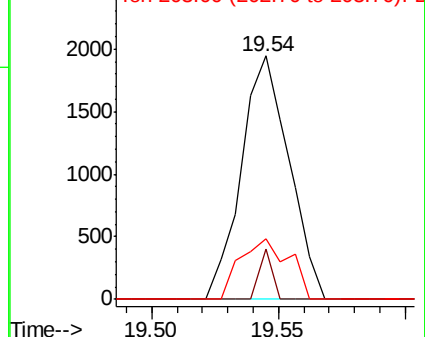
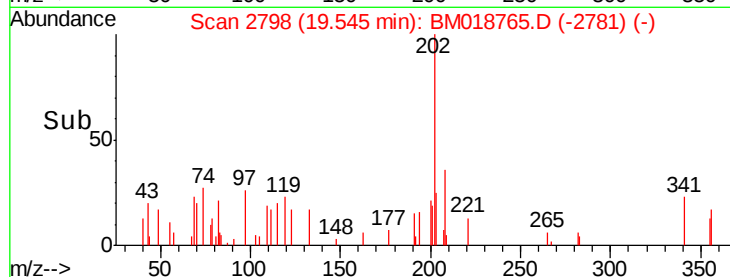


Abundance

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: 106.221 ng

RT: 19.75 min Scan# 2833

Delta R.T. 0.01 min

Lab File: BM018765.D

Acq: 11 Feb 2019 19:40

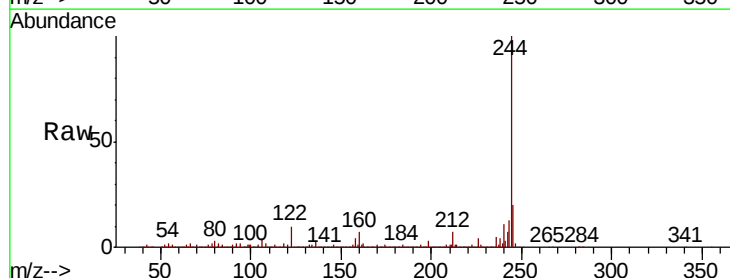
Tgt Ion:244 Resp: 9252219

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 10.5 9.3 13.9

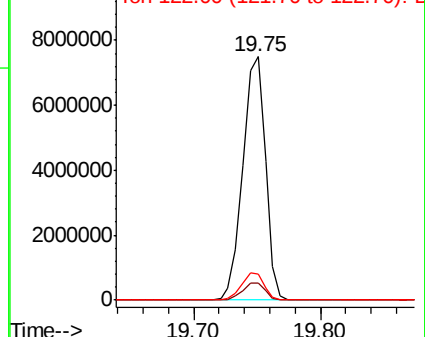
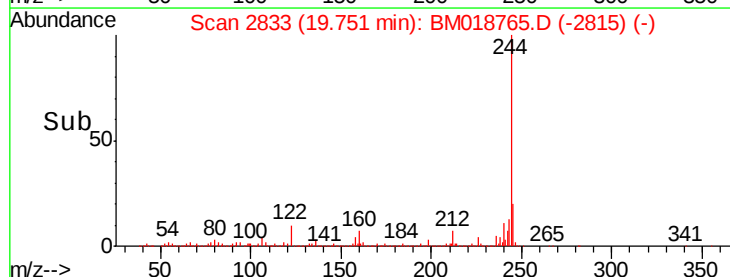


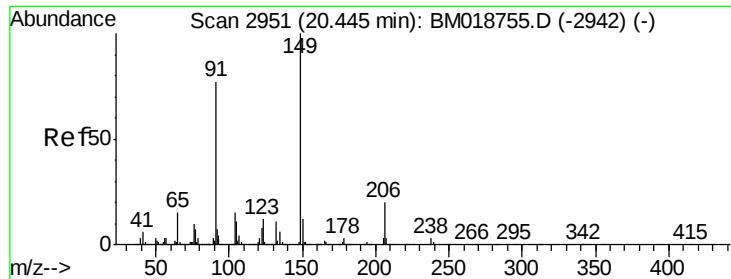
Abundance

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: 0.043 ng

RT: 20.44 min Scan# 2950

Delta R.T. -0.01 min

Lab File: BM018765.D

Acq: 11 Feb 2019 19:40

Instrument :

BNA_M

ClientSampleId :

B-23-OW

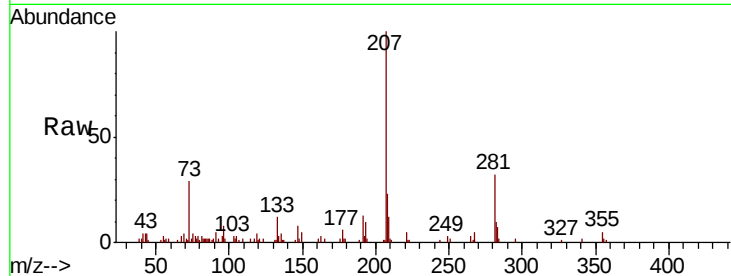
Tgt Ion:149 Resp: 2062

Ion Ratio Lower Upper

149 100

91 84.8 61.4 92.0

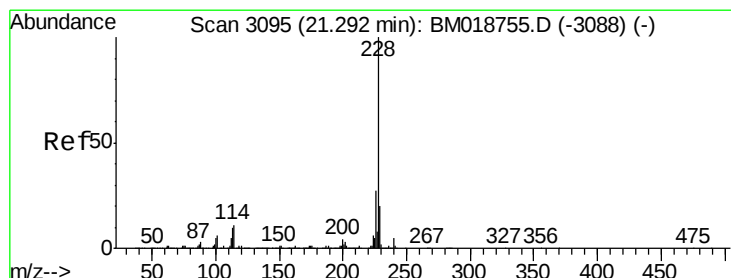
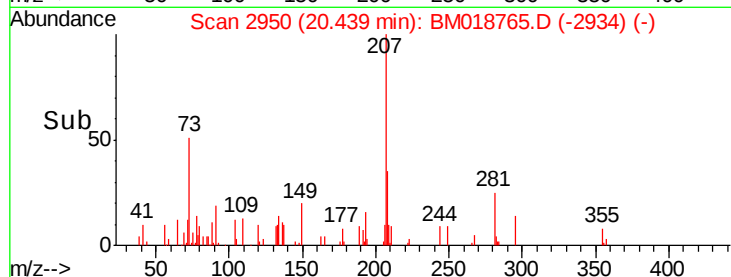
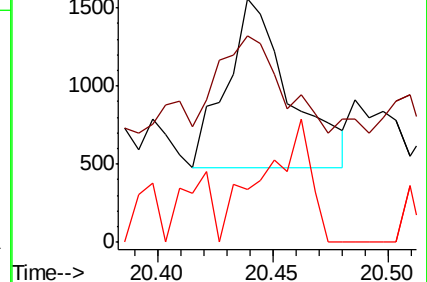
206 21.8 15.8 23.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E



#81

Benzo(a)anthracene

Concen: 0.061 ng

RT: 21.30 min Scan# 3097

Delta R.T. 0.01 min

Lab File: BM018765.D

Acq: 11 Feb 2019 19:40

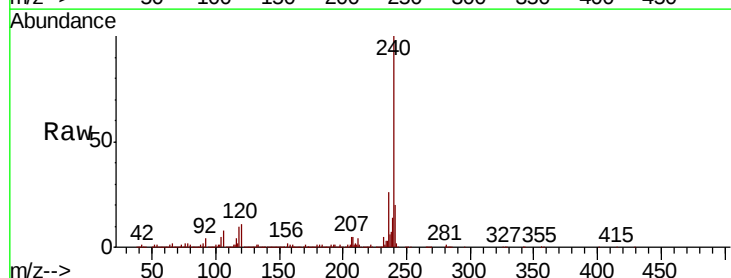
Tgt Ion:228 Resp: 6420

Ion Ratio Lower Upper

228 100

226 15.3 21.9 32.9#

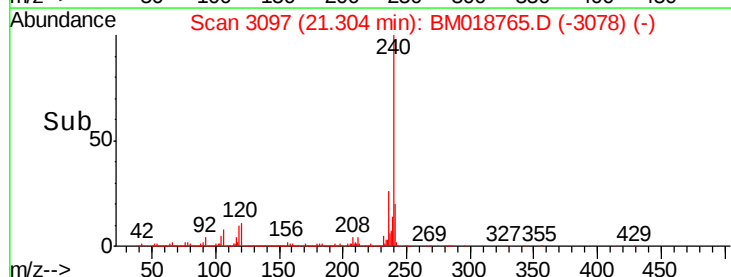
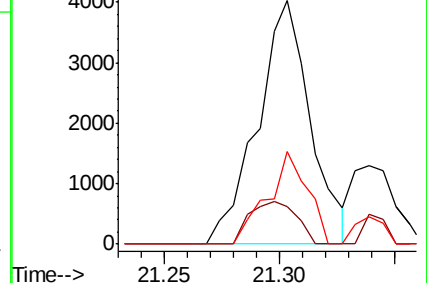
229 38.1 15.9 23.9#

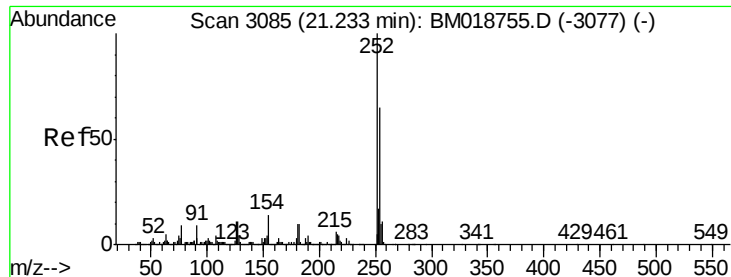


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

3,3'-Dichlorobenzidine

Concen: 0.015 ng

RT: 21.24 min Scan# 3086

Delta R.T. 0.01 min

Lab File: BM018765.D

Acq: 11 Feb 2019 19:40

Instrument :

BNA_M

ClientSampleId :

B-23-OW

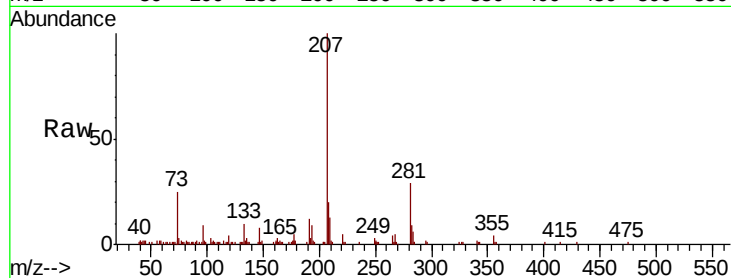
Tgt Ion: 252 Resp: 618

Ion Ratio Lower Upper

252 100

254 0.0 51.8 77.8#

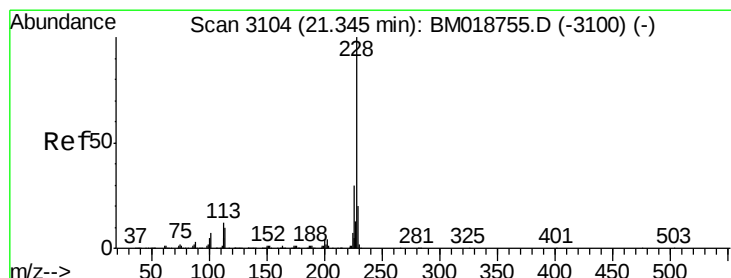
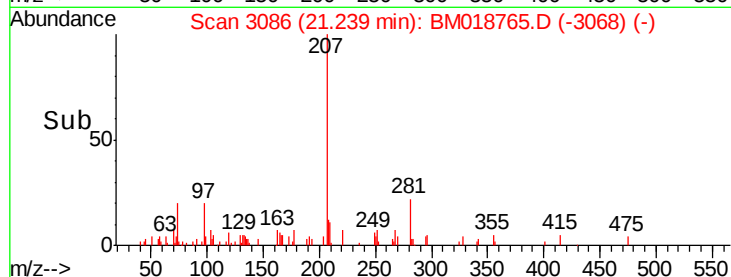
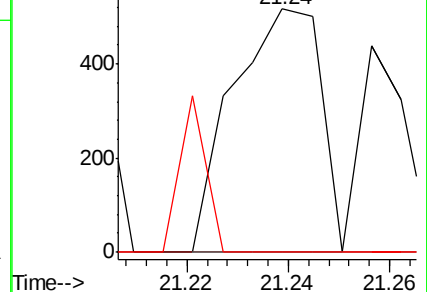
126 0.0 9.1 13.7#



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: 0.016 ng

RT: 21.34 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM018765.D

Acq: 11 Feb 2019 19:40

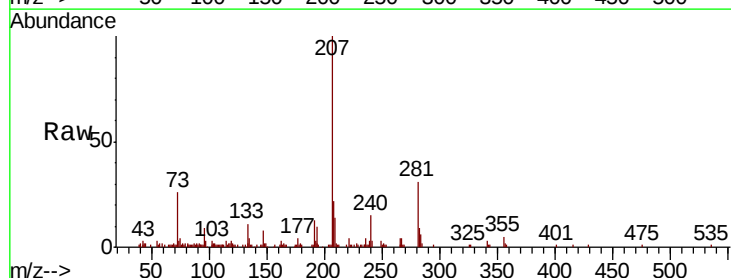
Tgt Ion: 228 Resp: 1639

Ion Ratio Lower Upper

228 100

226 37.3 24.1 36.1#

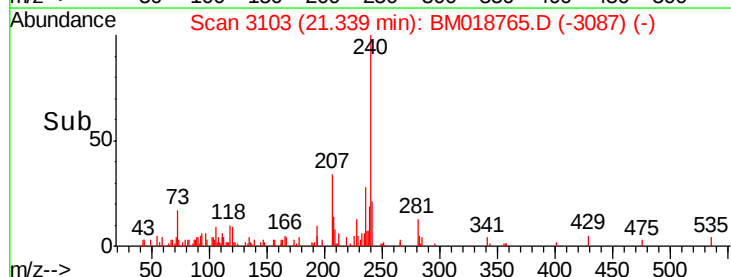
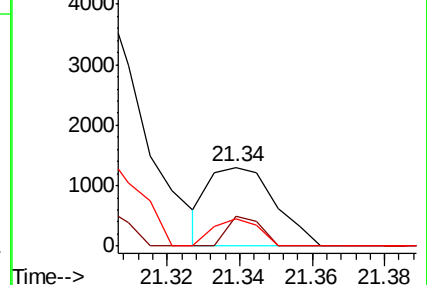
229 35.2 16.0 24.0#

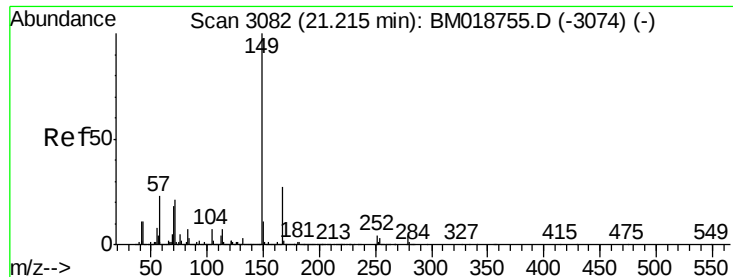


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

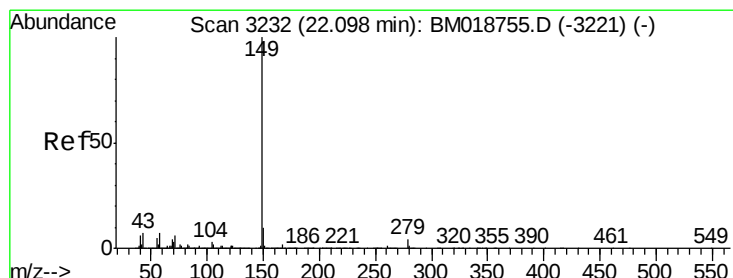
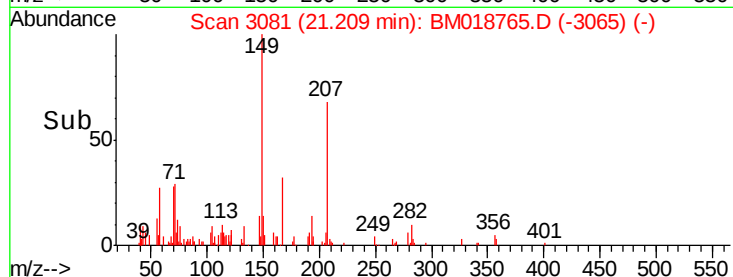
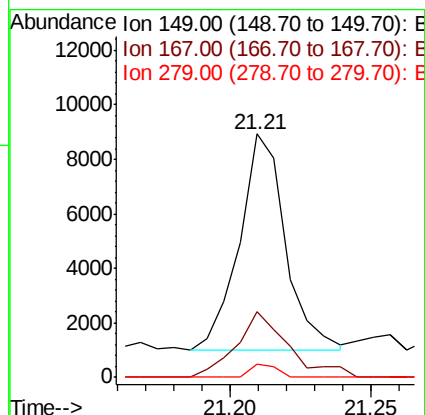
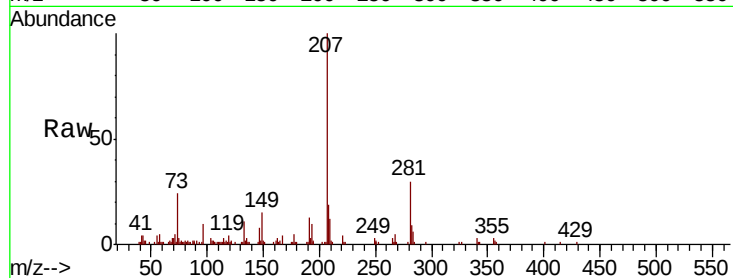




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.129 ng
 RT: 21.21 min Scan# 3081
 Delta R.T. -0.01 min
 Lab File: BM018765.D
 Acq: 11 Feb 2019 19:40

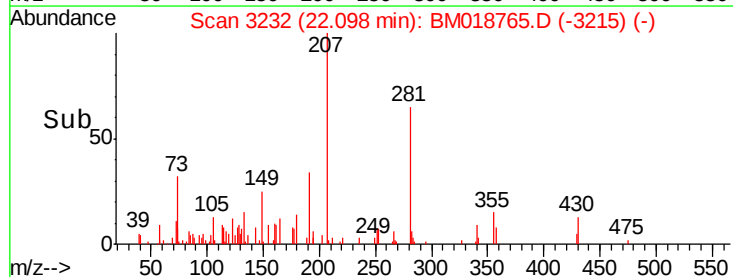
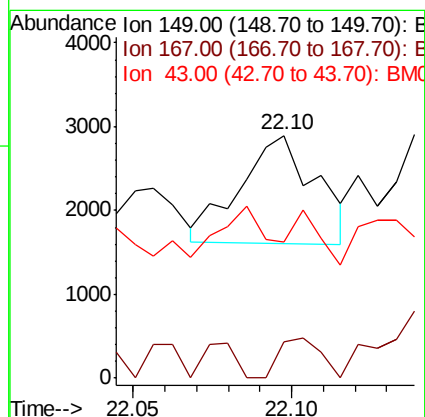
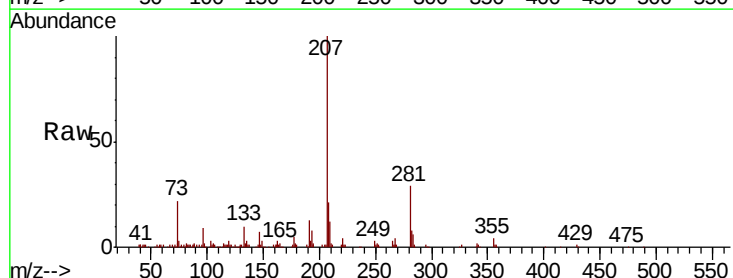
Instrument :
 BNA_M
 ClientSampleId :
 B-23-OW

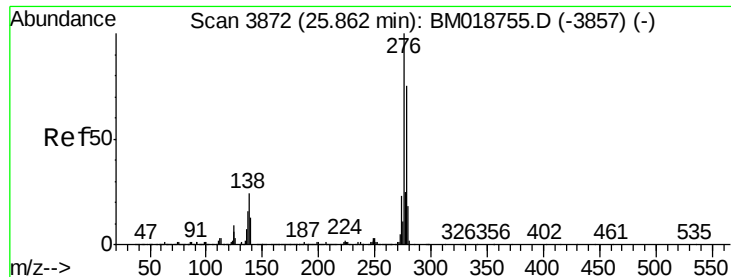
Tgt Ion:149 Resp: 8999
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.8 32.6
 279 5.4 3.6 5.4



#85
 Di-n-octyl phthalate
 Concen: 0.018 ng
 RT: 22.10 min Scan# 3232
 Delta R.T. -0.00 min
 Lab File: BM018765.D
 Acq: 11 Feb 2019 19:40

Tgt Ion:149 Resp: 2146
 Ion Ratio Lower Upper
 149 100
 167 20.0 1.3 1.9#
 43 0.0 6.0 9.0#





#86

Indeno(1,2,3-cd)pyrene

Concen: 0.008 ng

RT: 25.87 min Scan# 3874

Delta R.T. 0.01 min

Lab File: BM018765.D

Acq: 11 Feb 2019 19:40

Instrument :

BNA_M

ClientSampleId :

B-23-OW

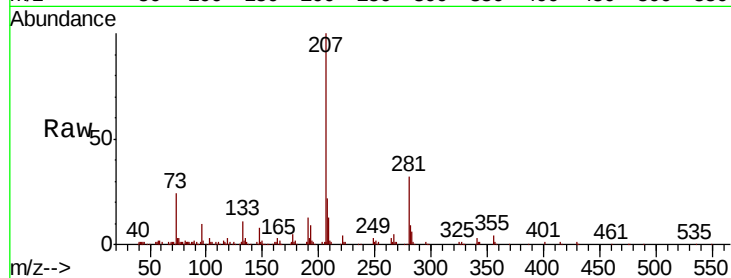
Tgt Ion:276 Resp: 897

Ion Ratio Lower Upper

276 100

138 14.4 20.2 30.4#

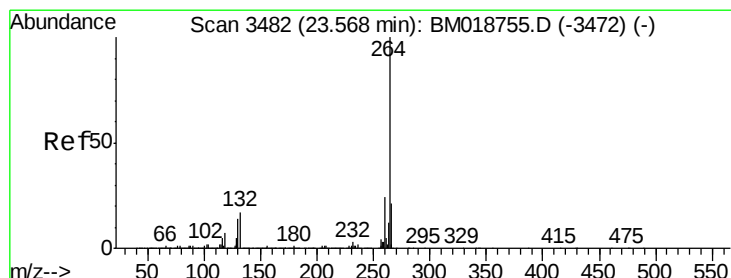
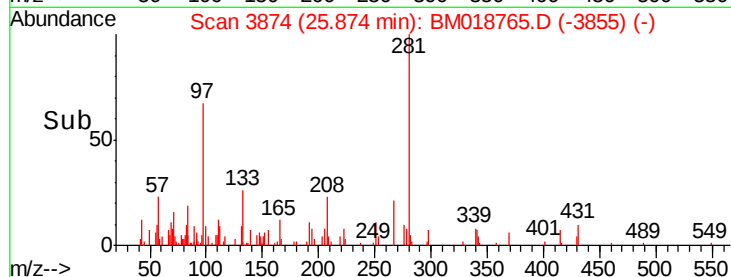
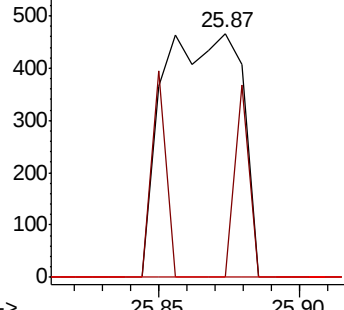
277 0.0 20.3 30.5#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.56 min Scan# 3481

Delta R.T. -0.01 min

Lab File: BM018765.D

Acq: 11 Feb 2019 19:40

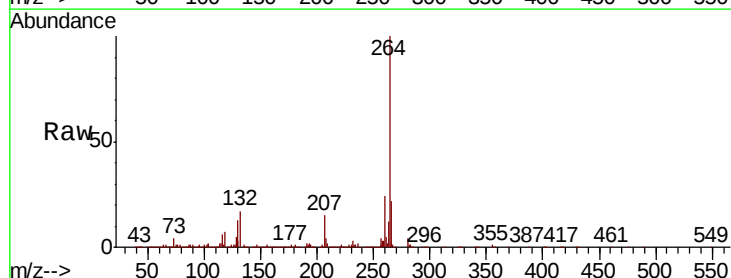
Tgt Ion:264 Resp: 1688950

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

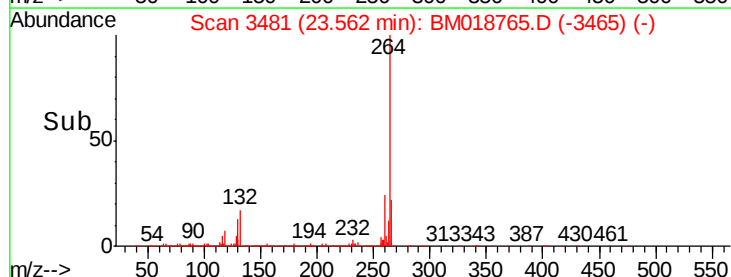
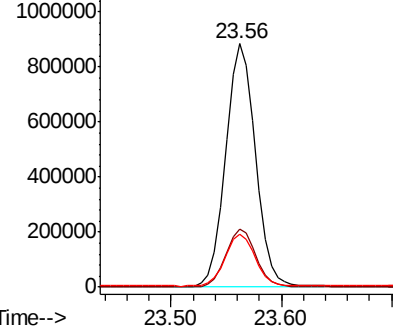
265 22.0 17.3 25.9

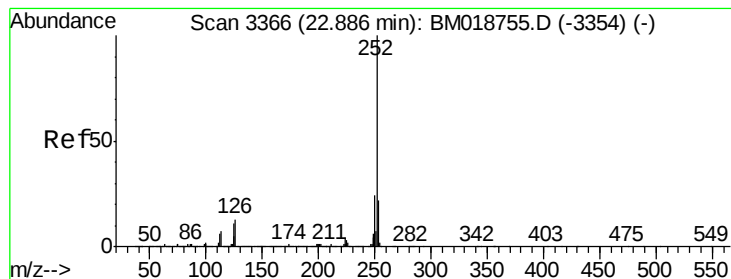


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 0.017 ng

RT: 22.89 min Scan# 3367

Delta R.T. 0.01 min

Lab File: BM018765.D

Acq: 11 Feb 2019 19:40

Instrument :

BNA_M

ClientSampleId :

B-23-OW

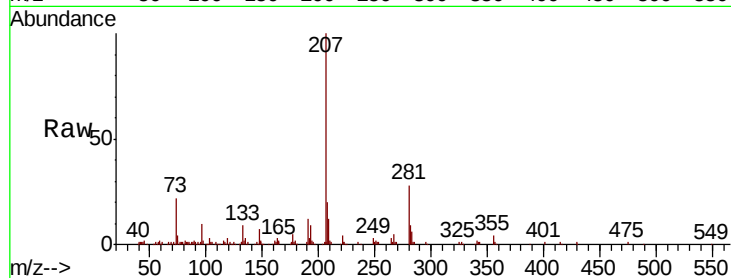
Tgt Ion:252 Resp: 1632

Ion Ratio Lower Upper

252 100

253 60.7 17.8 26.6#

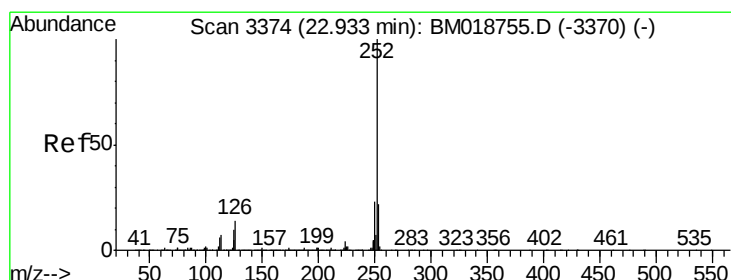
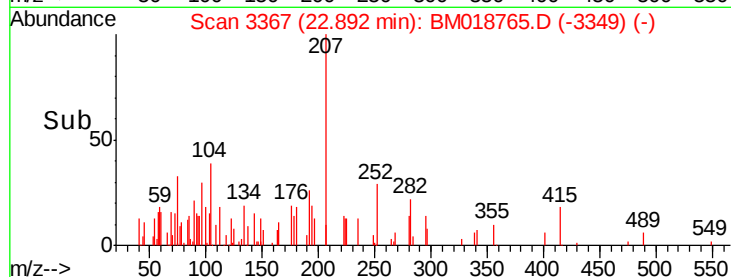
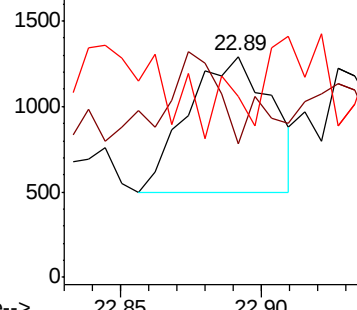
125 82.2 8.6 12.8#



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: 0.015 ng

RT: 22.93 min Scan# 3373

Delta R.T. -0.01 min

Lab File: BM018765.D

Acq: 11 Feb 2019 19:40

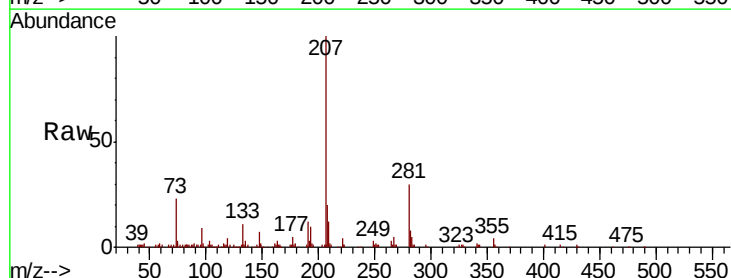
Tgt Ion:252 Resp: 1396

Ion Ratio Lower Upper

252 100

253 92.9 17.7 26.5#

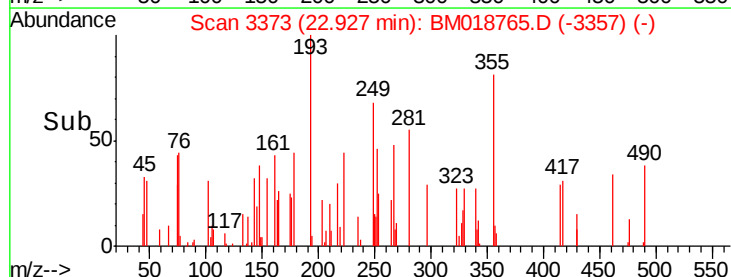
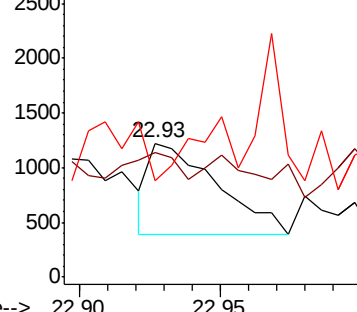
125 72.5 8.2 12.4#

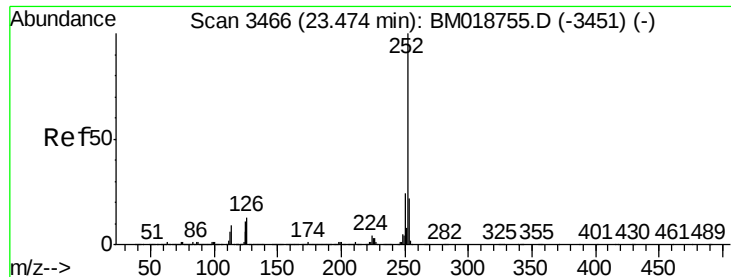


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 0.011 ng

RT: 23.46 min Scan# 3464

Delta R.T. -0.01 min

Lab File: BM018765.D

Acq: 11 Feb 2019 19:40

Instrument :

BNA_M

ClientSampleId :

B-23-OW

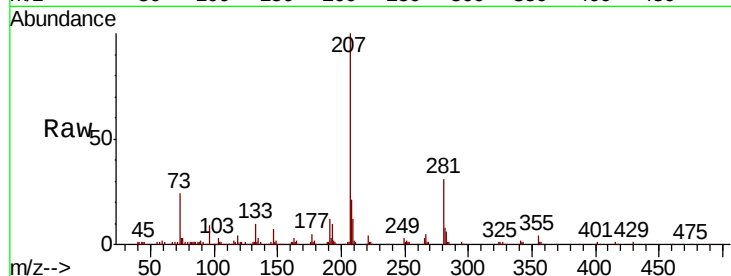
Tgt Ion:252 Resp: 1006

Ion Ratio Lower Upper

252 100

253 105.7 17.4 26.0#

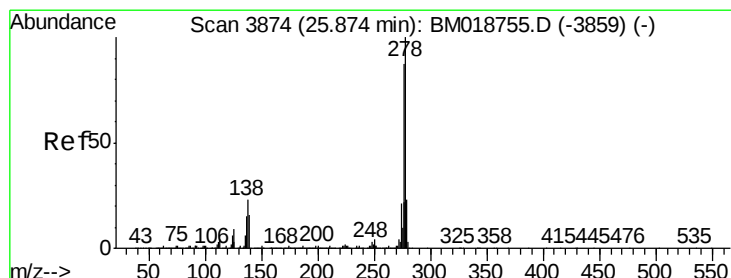
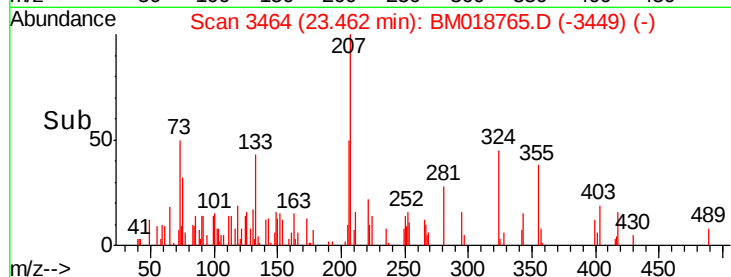
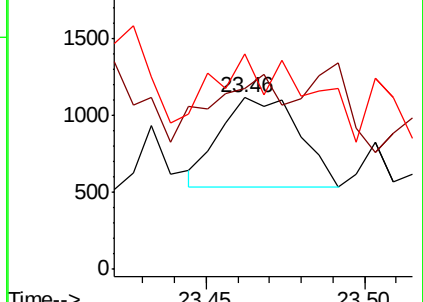
125 162.2 8.6 13.0#



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



#91

Dibenzo(a,h)anthracene

Concen: 0.007 ng

RT: 25.87 min Scan# 3873

Delta R.T. -0.01 min

Lab File: BM018765.D

Acq: 11 Feb 2019 19:40

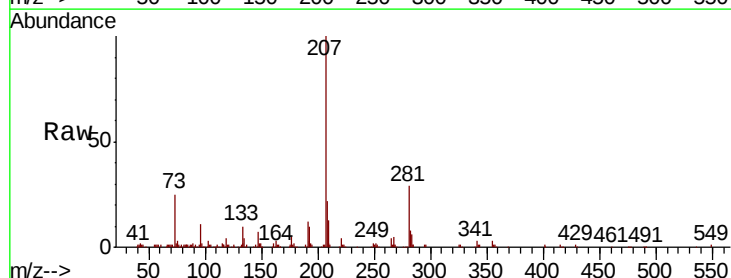
Tgt Ion:278 Resp: 638

Ion Ratio Lower Upper

278 100

139 0.0 12.6 18.8#

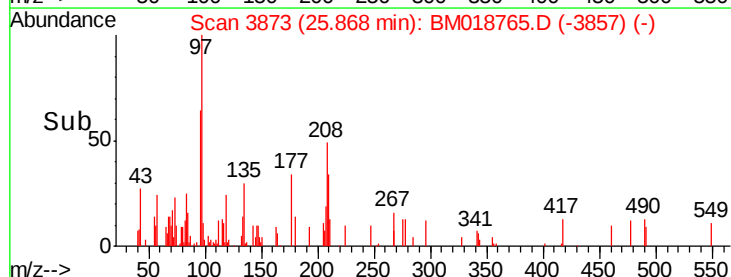
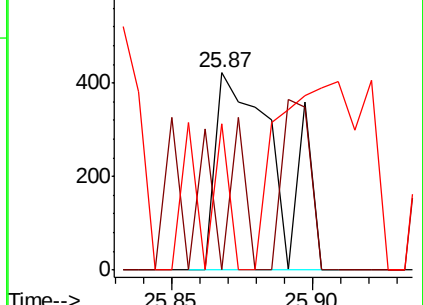
279 74.2 18.6 28.0#

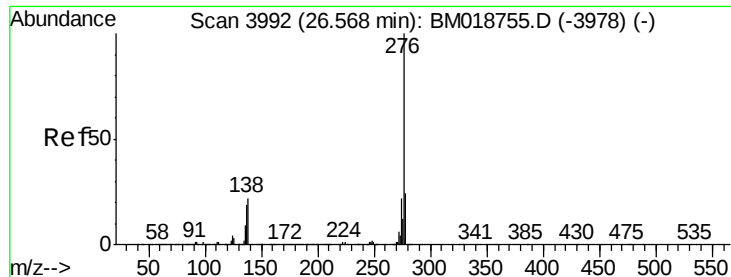


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(g,h,i)perylene

Concen: 0.003 ng

RT: 26.57 min Scan# 3992

Delta R.T. -0.00 min

Lab File: BM018765.D

Acq: 11 Feb 2019 19:40

Instrument :

BNA_M

ClientSampleId :

B-23-OW

Tgt Ion: 276 Resp: 245

Ion Ratio Lower Upper

276 100

277 0.0 19.2 28.8#

138 83.6 17.3 25.9#

